

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012620.D
 Acq On : 24 Sep 2019 09:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 9:29:42 AM

Quant Time: Sep 25 04:50:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	329154	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	139161	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	5.48	113	104336	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
50) Toluene-d8	8.71	98	386836	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.13	95	154626	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	106253	49.872	ug/l	96
3) Chloromethane	1.32	50	120253	49.154	ug/l	99
4) Vinyl Chloride	1.40	62	121401	49.925	ug/l	96
5) Bromomethane	1.62	94	45659	47.757	ug/l	99
6) Chloroethane	1.70	64	76513	46.675	ug/l	97
7) Trichlorofluoromethane	1.92	101	174927	51.237	ug/l	98
8) Diethyl Ether	2.18	74	67823	48.476	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109371	52.596	ug/l	95
10) Methyl Iodide	2.50	142	108443	49.552	ug/l	96
11) Tert butyl alcohol	3.03	59	162646	236.091	ug/l	99
12) 1,1-Dichloroethene	2.36	96	103930	51.041	ug/l	99
13) Acrolein	2.28	56	86981	227.607	ug/l	99
14) Allyl chloride	2.72	41	203887	50.469	ug/l	97
15) Acrylonitrile	3.13	53	342956	245.379	ug/l	98
16) Acetone	2.44	43	428889	293.610	ug/l	98
17) Carbon Disulfide	2.56	76	281006	49.227	ug/l	100
18) Methyl Acetate	2.76	43	163847	47.636	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	385357	49.999	ug/l	99
20) Methylene Chloride	2.84	84	119883	48.523	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	112522	49.880	ug/l	96
22) Diisopropyl ether	3.84	45	390183	49.985	ug/l	93
23) Vinyl Acetate	3.80	43	1731135	252.885	ug/l	98
24) 1,1-Dichloroethane	3.68	63	211215	49.778	ug/l	98
25) 2-Butanone	4.65	43	556910	265.893	ug/l	96
26) 2,2-Dichloropropane	4.57	77	192738	51.072	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	128600	49.131	ug/l	97
28) Bromochloromethane	5.00	49	79533	51.622	ug/l	100
29) Tetrahydrofuran	5.11	42	312655	244.912	ug/l	98
30) Chloroform	5.20	83	213992	49.294	ug/l	100
31) Cyclohexane	5.57	56	199133	51.875	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	195538	50.823	ug/l	99
36) 1,1-Dichloropropene	5.79	75	162325	51.163	ug/l	99
37) Ethyl Acetate	4.81	43	184462	49.731	ug/l	98
38) Carbon Tetrachloride	5.77	117	166182	51.563	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	199628	52.265	ug/l	98
40) Benzene	6.13	78	470596	50.412	ug/l	100
41) Methacrylonitrile	5.03	41	105641	50.761	ug/l	97
42) 1,2-Dichloroethane	6.18	62	180501	50.919	ug/l	100
43) Isopropyl Acetate	6.43	43	305885	49.313	ug/l	98
44) Trichloroethene	7.20	130	121289	50.824	ug/l	94
45) 1,2-Dichloropropane	7.50	63	122281	51.164	ug/l	99
46) Dibromomethane	7.65	93	81041	49.803	ug/l	96
47) Bromodichloromethane	7.89	83	165849	50.996	ug/l	99
48) Methyl methacrylate	7.76	41	150514	50.605	ug/l	96
49) 1,4-Dioxane	7.73	88	70626	1046.900	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	951863	248.595	ug/l	98
52) Toluene	8.78	92	302418	51.545	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	189016	52.530	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	203347	51.759	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	118545	50.821	ug/l	99
56) Ethyl methacrylate	9.17	69	198877	50.750	ug/l	95
57) 1,3-Dichloropropane	9.36	76	204906	50.192	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	482129	274.089	ug/l	99
59) 2-Hexanone	9.48	43	779415	265.935	ug/l	97
60) Dibromochloromethane	9.57	129	124110	52.561	ug/l	100
61) 1,2-Dibromoethane	9.67	107	125423	51.666	ug/l	100
64) Tetrachloroethene	9.33	164	108555	54.713	ug/l	94
65) Chlorobenzene	10.14	112	308452	51.473	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	115591	53.238	ug/l	98
67) Ethyl Benzene	10.24	91	579868	53.352	ug/l	99
68) m/p-Xylenes	10.35	106	433211	106.403	ug/l	99
69) o-Xylene	10.70	106	210059	53.320	ug/l	98
70) Styrene	10.71	104	363030	54.968	ug/l	100
71) Bromoform	10.85	173	82913	54.843	ug/l #	99
73) Isopropylbenzene	11.01	105	565700	50.612	ug/l	100
74) N-amyl acetate	10.89	43	271567	50.929	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	185177	50.025	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	183838m	50.642	ug/l	
77) Bromobenzene	11.25	156	126638	50.060	ug/l	95
78) n-propylbenzene	11.35	91	644849	51.245	ug/l	99
79) 2-Chlorotoluene	11.42	91	386220	49.201	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	484531	51.694	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65739	51.897	ug/l	98
82) 4-Chlorotoluene	11.51	91	464212	51.876	ug/l	98
83) tert-Butylbenzene	11.76	119	454418	50.259	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	485924	51.392	ug/l	99
85) sec-Butylbenzene	11.94	105	546557	51.972	ug/l	99
86) p-Isopropyltoluene	12.06	119	509302	53.673	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	232906	51.160	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	236794	51.474	ug/l	99
89) n-Butylbenzene	12.38	91	437682	52.344	ug/l	99
90) Hexachloroethane	12.59	117	86474	51.116	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	233206	51.167	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48135	51.983	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	146498	52.706	ug/l	98
94) Hexachlorobutadiene	13.78	225	65612	54.871	ug/l	99
95) Naphthalene	13.83	128	536359	53.335	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147148	52.849	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

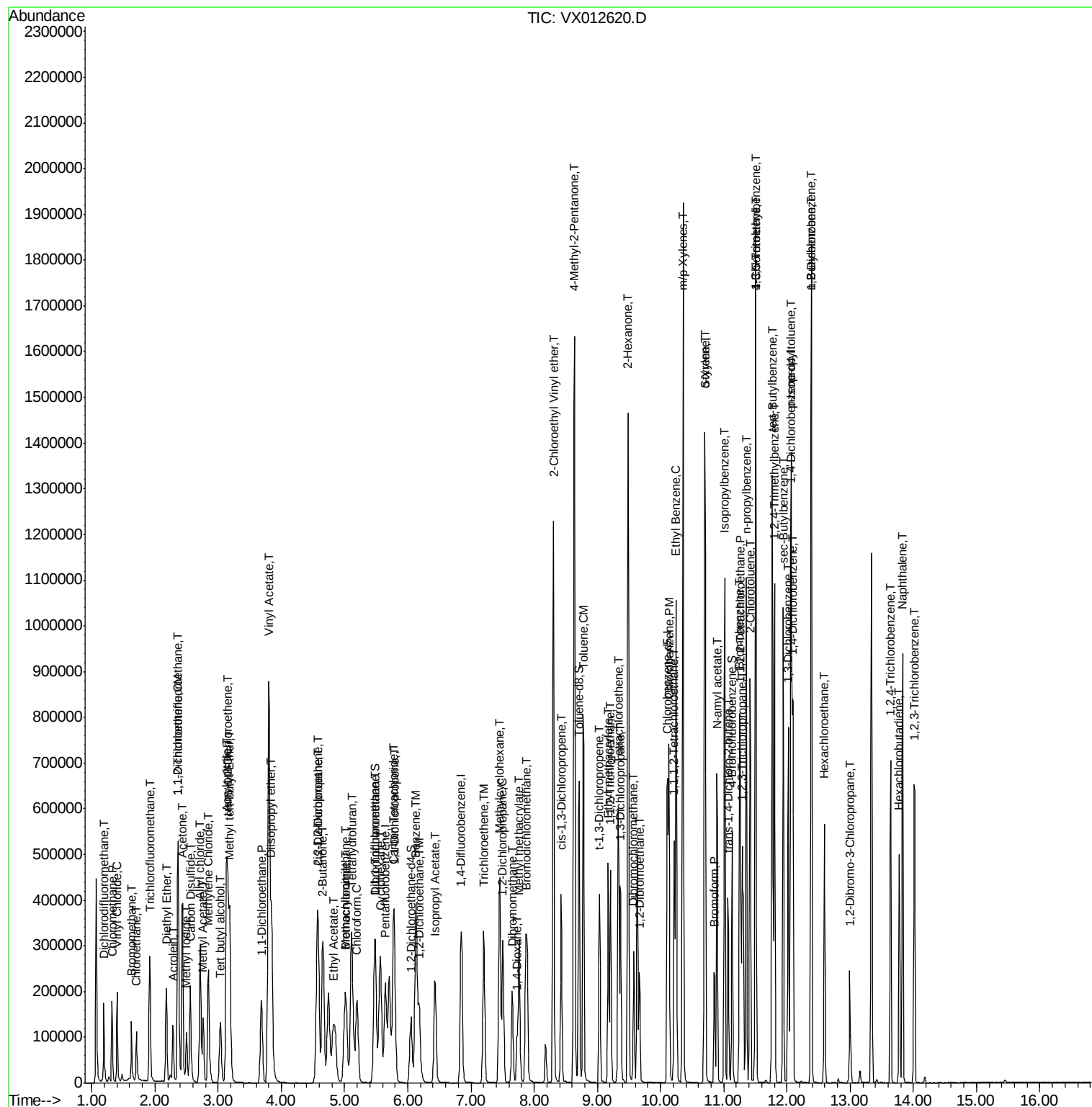
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092419\
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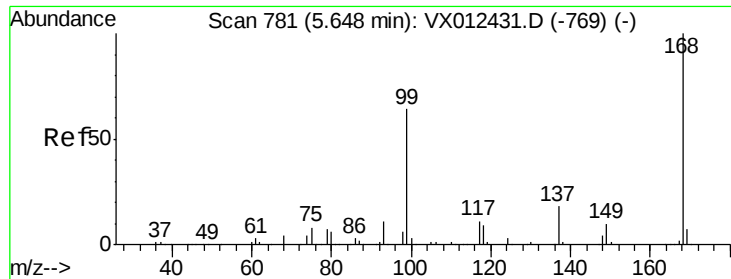
Instrument :
 MSVOA_X
 ClientSampleID :
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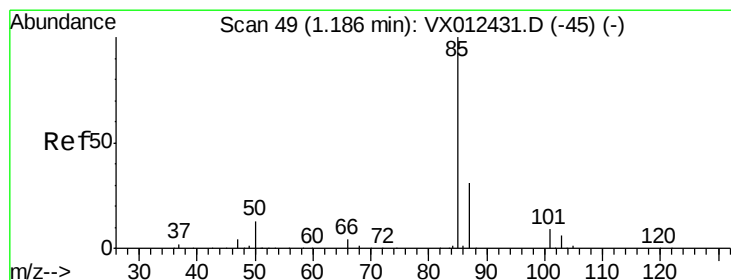
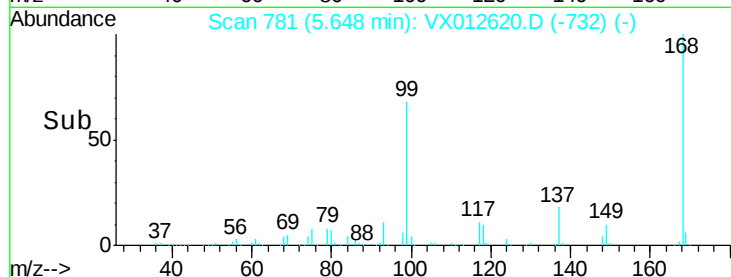
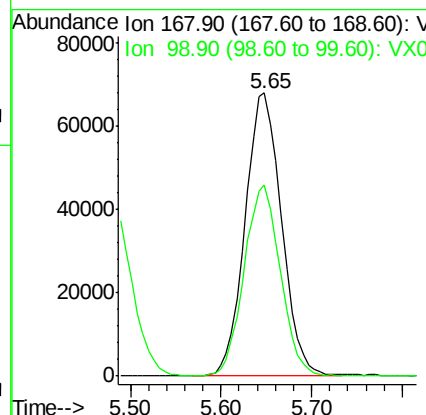
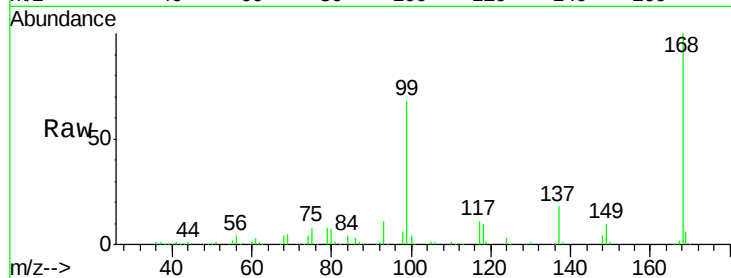
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 189383
Ion Ratio Lower Upper
168 100
99 67.5 51.4 77.2

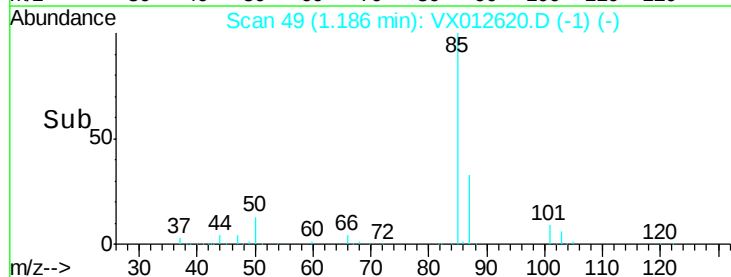
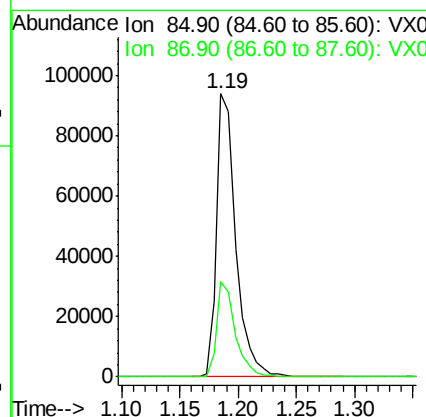
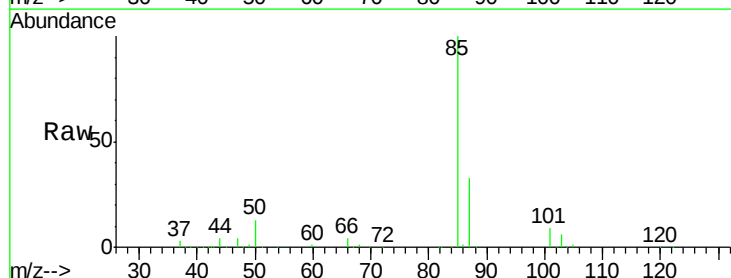
Manual Integrations
APPROVED

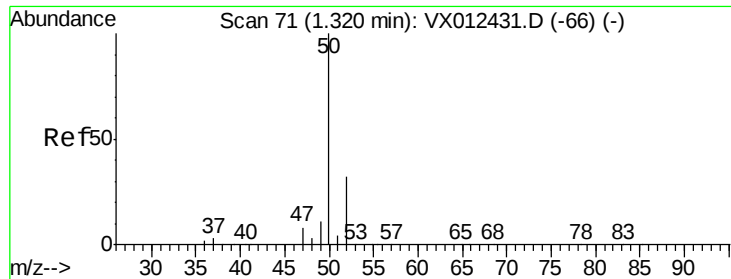
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#2
Dichlorodifluoromethane
Concen: 49.872 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion: 85 Resp: 106253
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8





#3

Chloromethane

Concen: 49.154 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Tot Ion: 50 Resp: 120253

Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5

Instrument :

MSVOA_X

ClientSampleId :

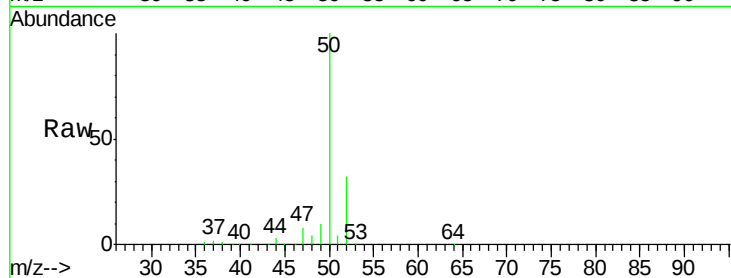
VSTDCCC050

Manual Integrations

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9/25/2019 9:29:42 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

120000

100000

80000

60000

40000

20000

0

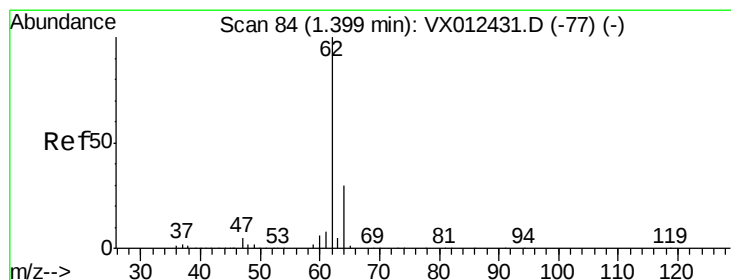
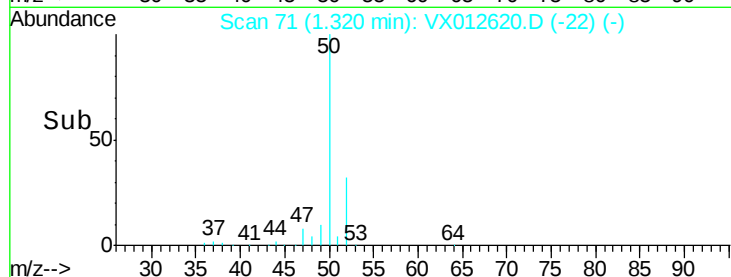
1.25

1.30

1.35

1.40

Time-->



#4

Vinyl Chloride

Concen: 49.925 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012620.D

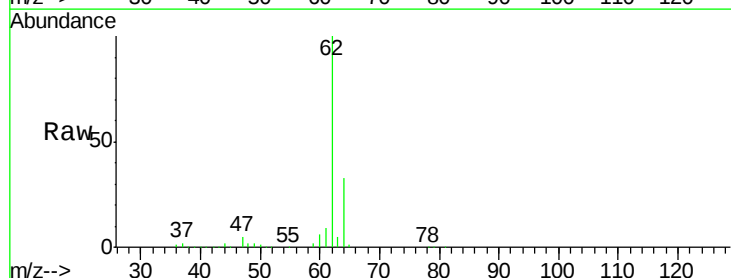
Acq: 24 Sep 2019 09:59

Tgt Ion: 62 Resp: 121401

Ion Ratio Lower Upper

62 100

64 32.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

100000

50000

0

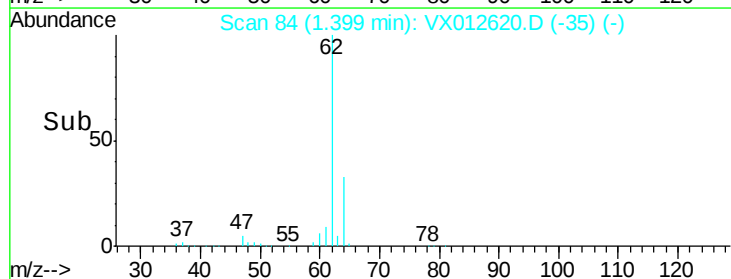
1.35

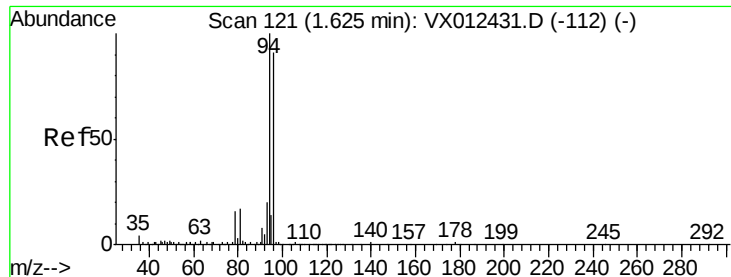
1.40

1.45

1.50

Time-->





#5

Bromomethane

Concen: 47.757 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 45659

Ion Ratio Lower Upper

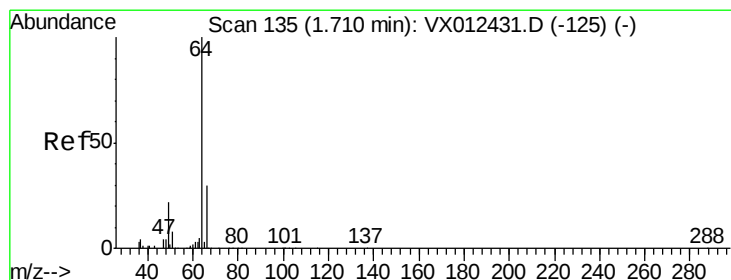
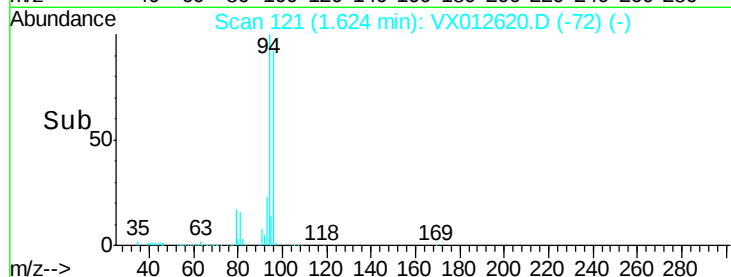
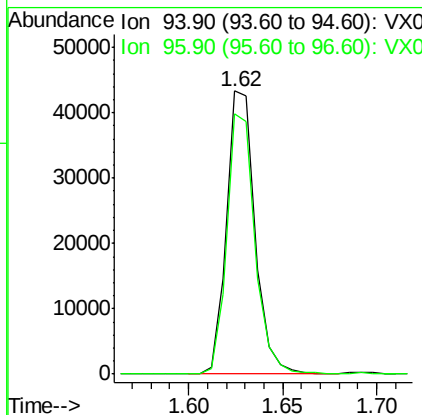
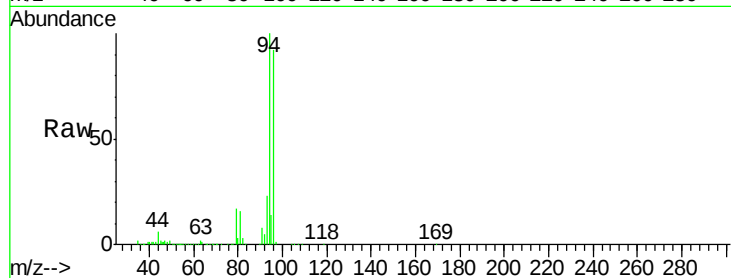
94 100

96 91.8 72.8 109.2

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#6

Chloroethane

Concen: 46.675 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012620.D

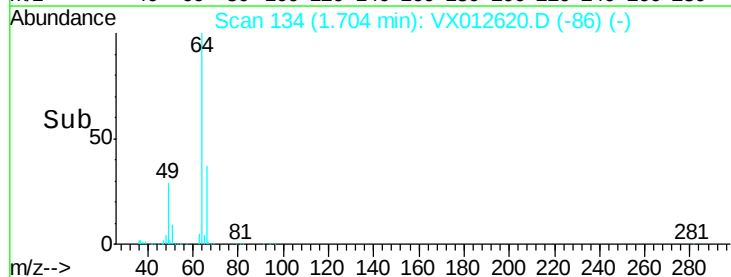
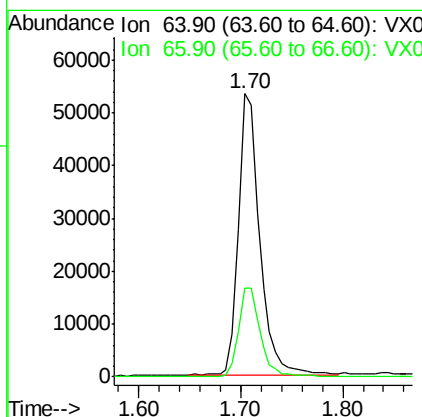
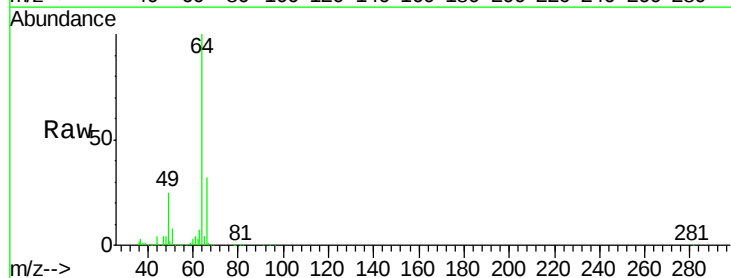
Acq: 24 Sep 2019 09:59

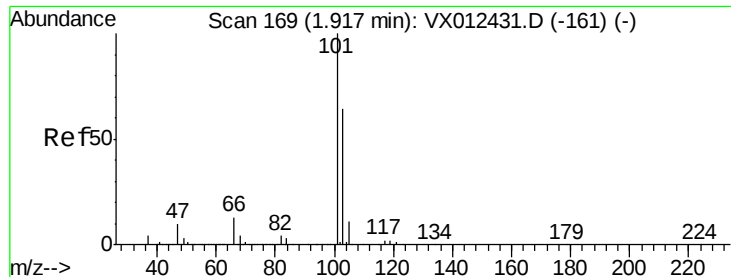
Tgt Ion: 64 Resp: 76513

Ion Ratio Lower Upper

64 100

66 31.5 24.0 36.0





#7

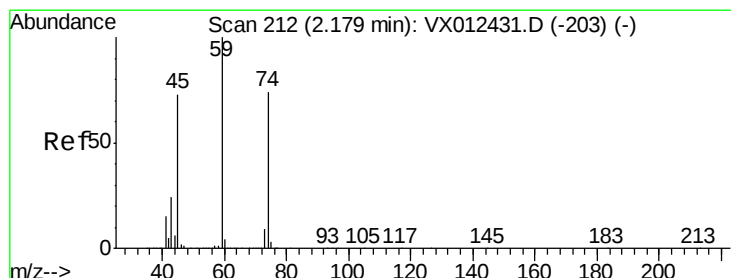
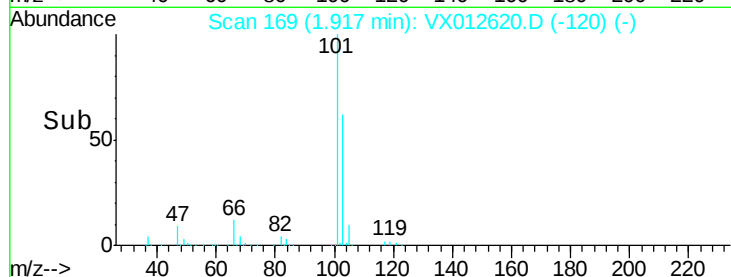
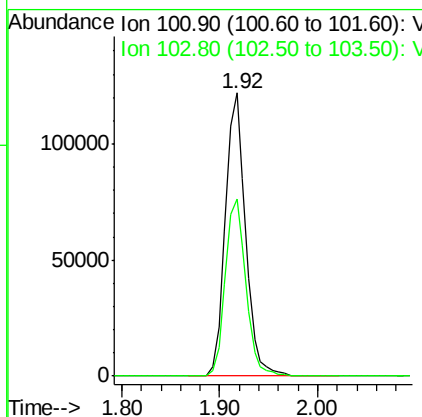
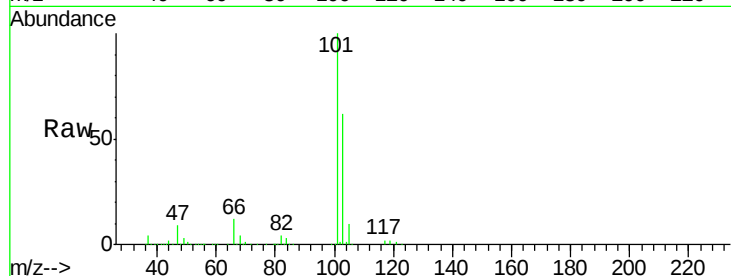
Trichlorofluoromethane
 Concen: 51.237 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.0	76.4

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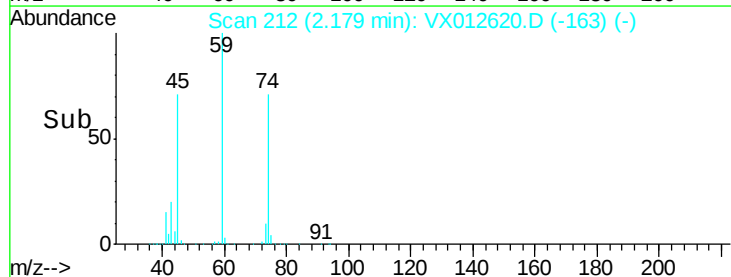
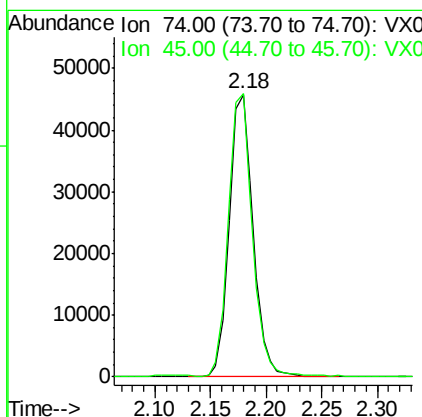
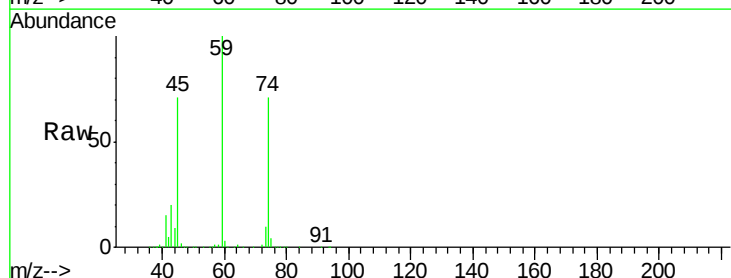
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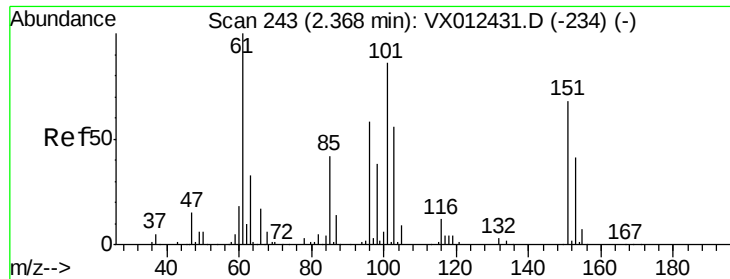


#8

Diethyl Ether
 Concen: 48.476 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.4	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.596 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

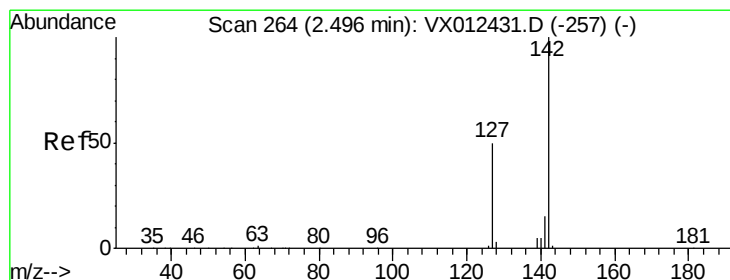
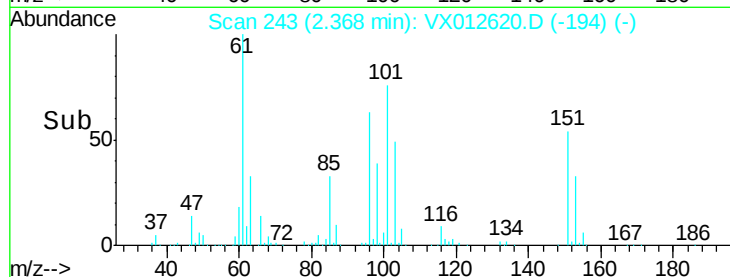
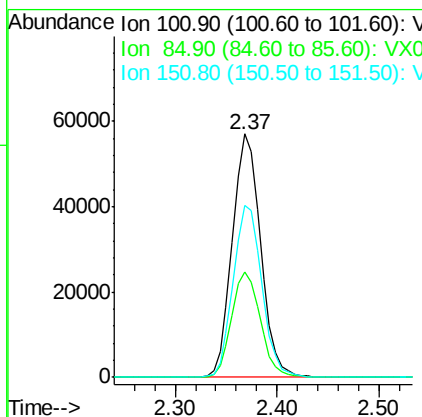
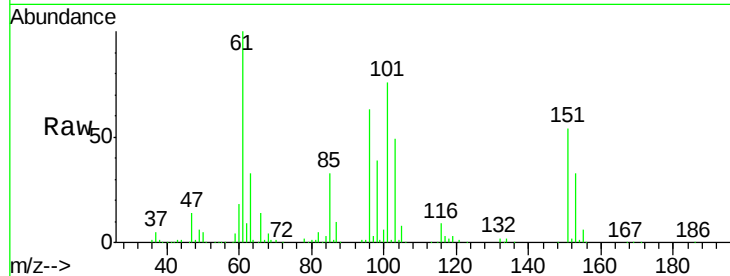
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	109371
Ion Ratio	Lower	Upper	
101	100		
85	43.8	37.3	55.9
151	71.8	61.0	91.4

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#10

Methyl Iodide

Concen: 49.552 ug/l

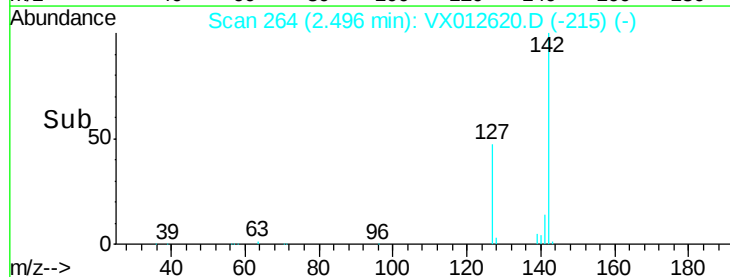
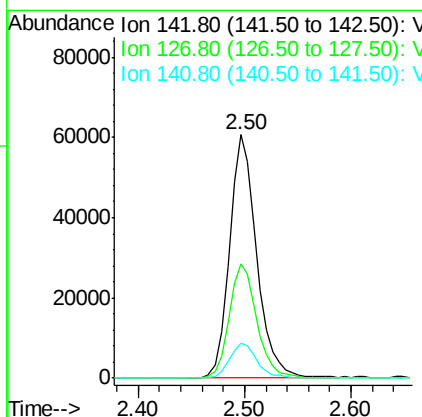
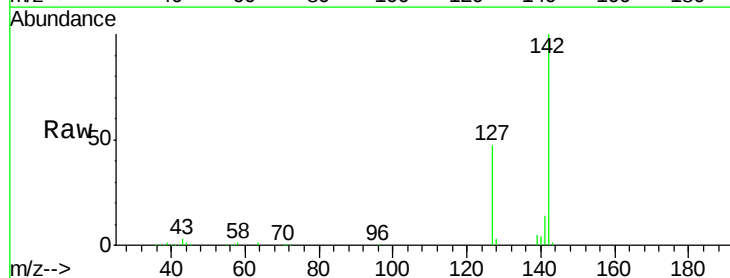
RT: 2.50 min Scan# 264

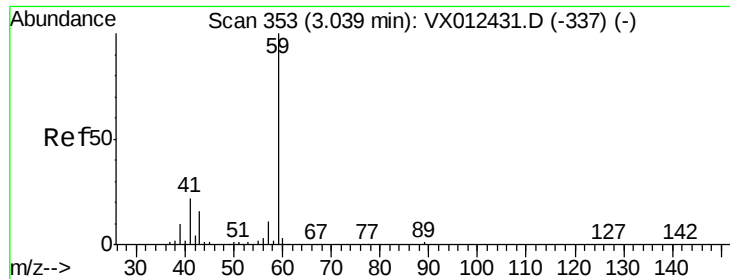
Delta R.T. 0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Tgt Ion:	142	Resp:	108443
Ion Ratio	Lower	Upper	
142	100		
127	47.8	40.8	61.2
141	14.5	12.1	18.1





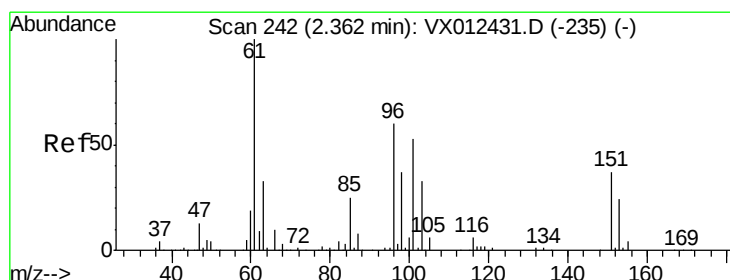
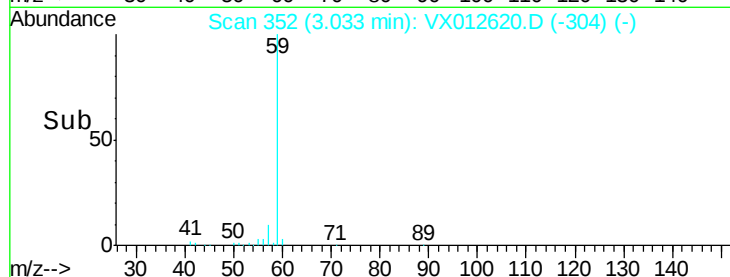
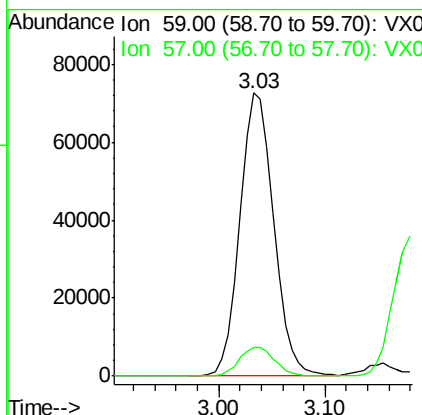
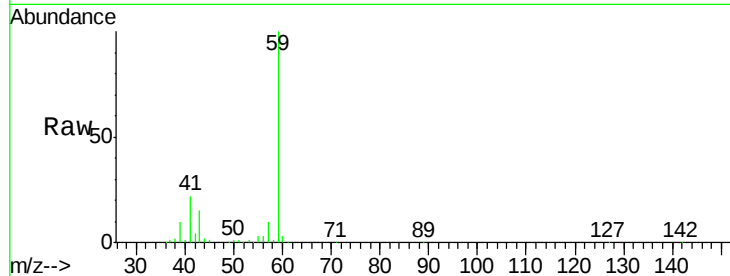
#11
Tert butyl alcohol
Concen: 236.091 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 162646
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

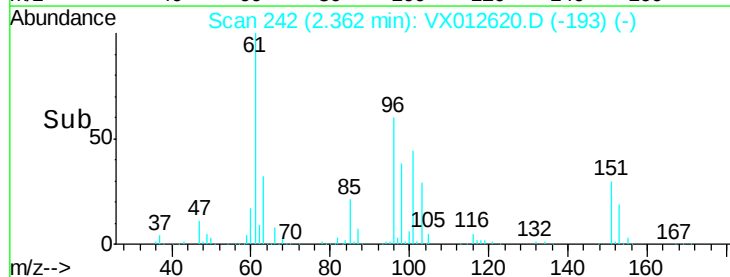
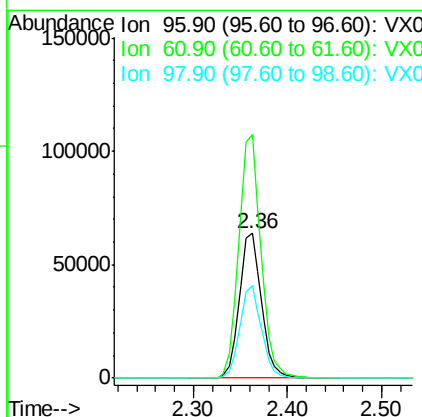
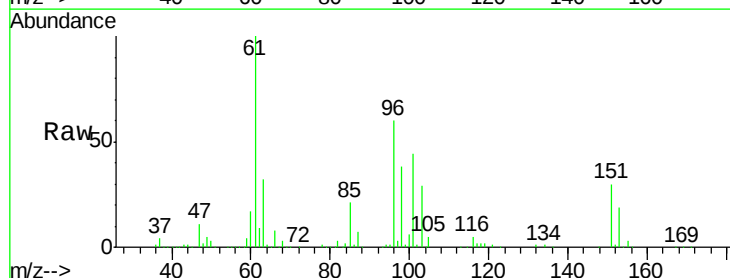
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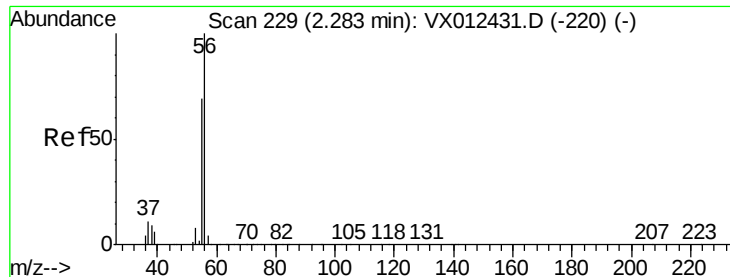
MMDadoda
9/25/2019 9:29:42 AM



#12
1,1-Dichloroethene
Concen: 51.041 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion: 96 Resp: 103930
Ion Ratio Lower Upper
96 100
61 167.9 133.8 200.6
98 63.4 49.9 74.9





#13

Acrolein

Concen: 227.607 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 86981

Ion Ratio Lower Upper

56 100

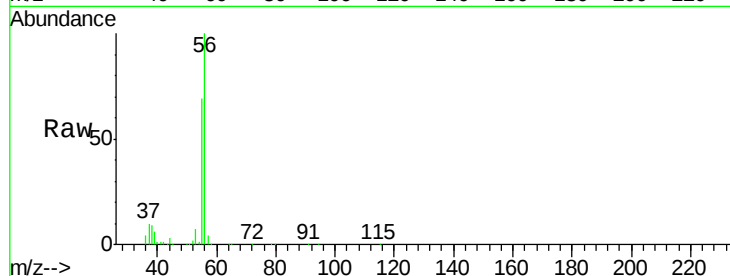
55 70.8 55.8 83.8

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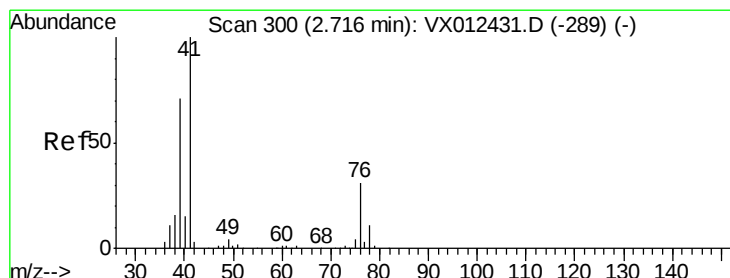
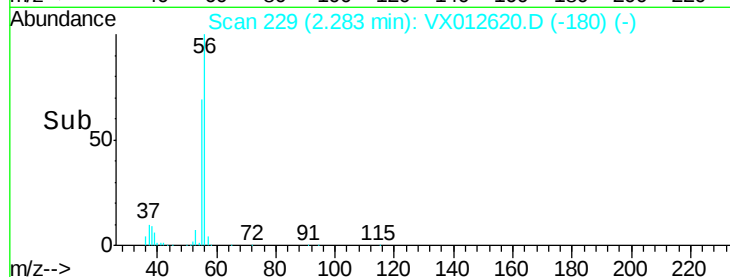
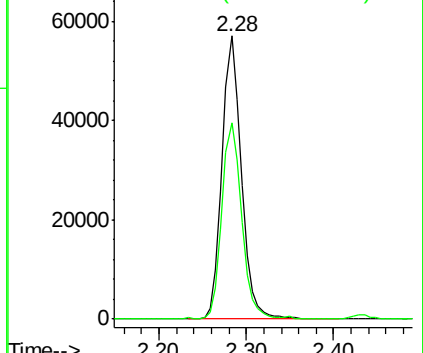
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.469 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

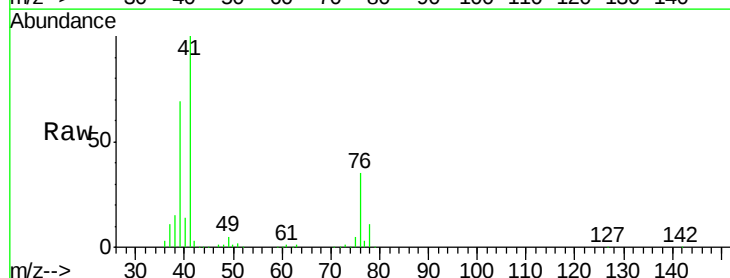
Tgt Ion: 41 Resp: 203887

Ion Ratio Lower Upper

41 100

39 64.8 51.3 76.9

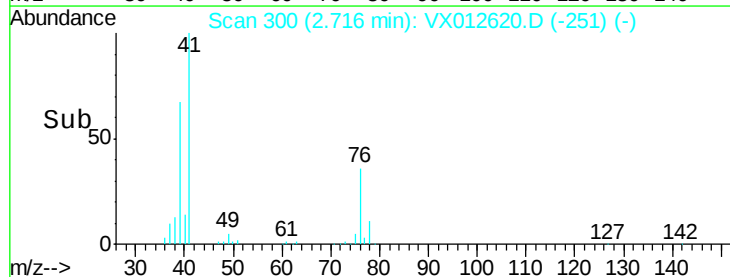
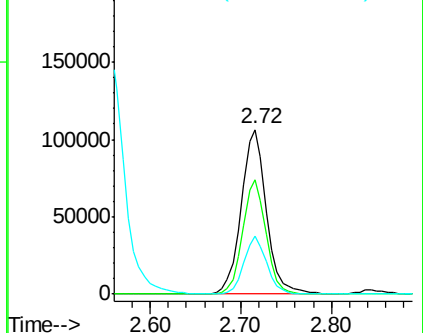
76 31.7 22.6 33.8

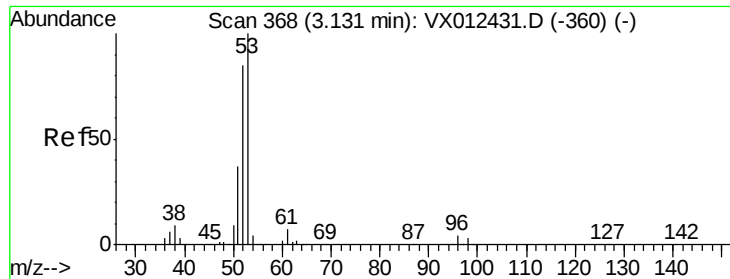


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 245.379 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

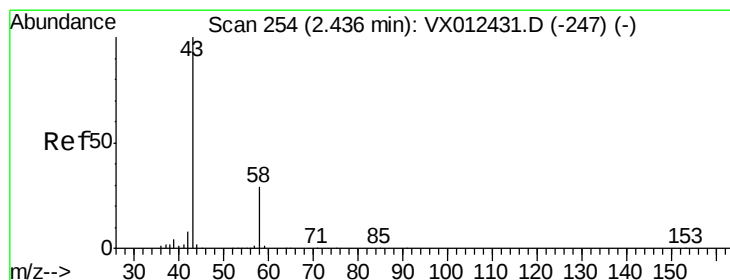
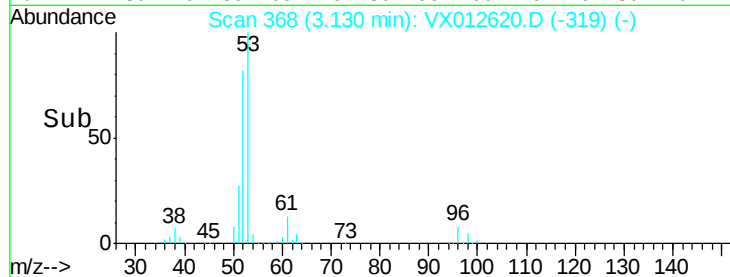
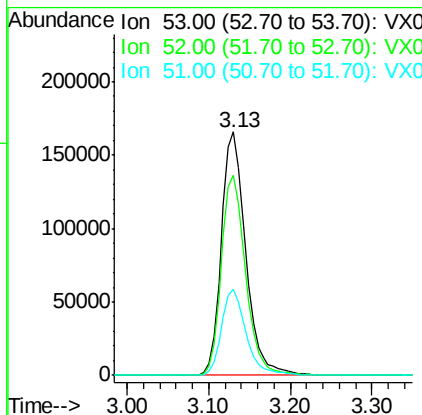
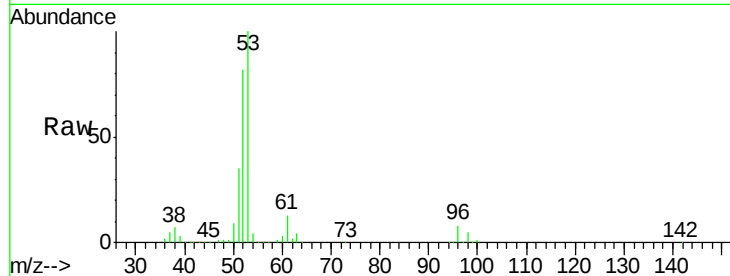
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	342956
Ion	Ratio	Lower	Upper
53	100		
52	82.0	67.0	100.4
51	35.7	29.6	44.4

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#16

Acetone

Concen: 293.610 ug/l

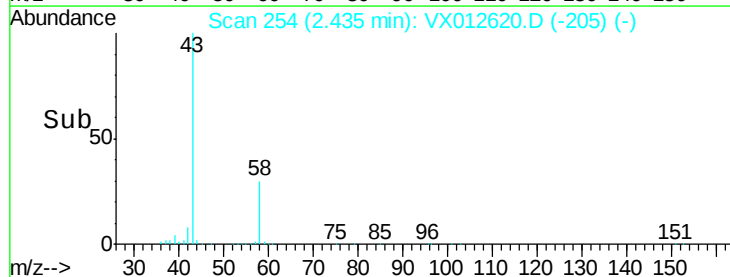
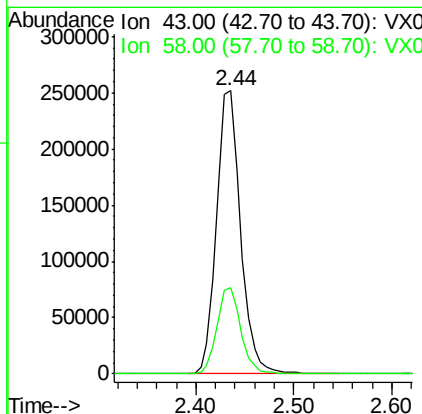
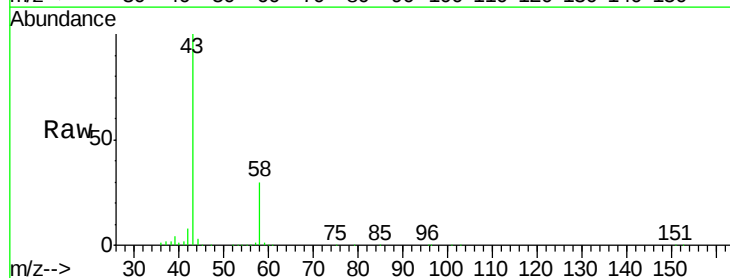
RT: 2.44 min Scan# 254

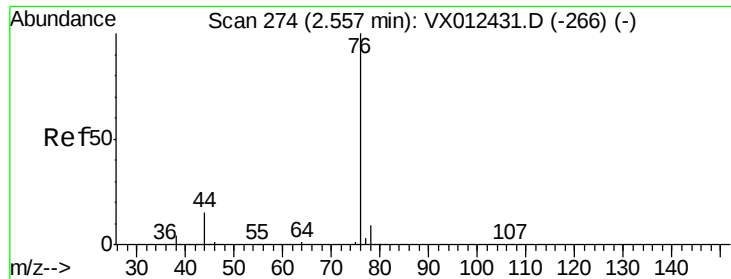
Delta R.T. 0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Tgt Ion:	43	Resp:	428889
Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.3	34.9





#17

Carbon Disulfide

Concen: 49.227 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 281006

Ion Ratio Lower Upper

76 100

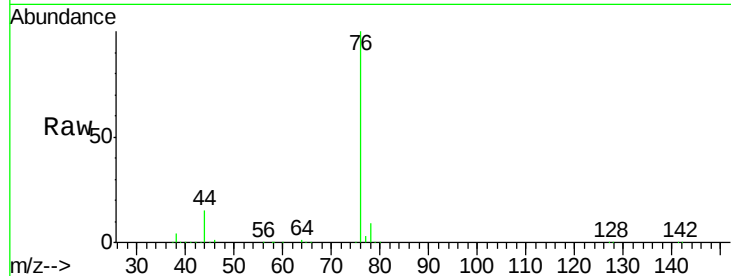
78 9.0 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

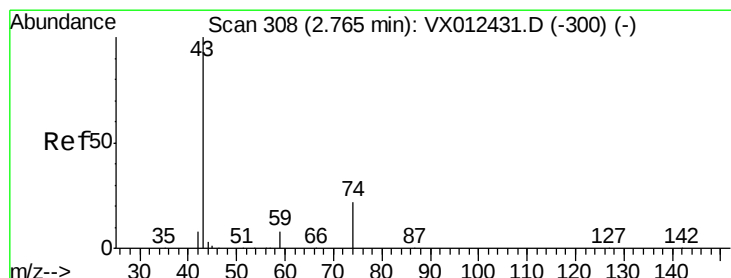
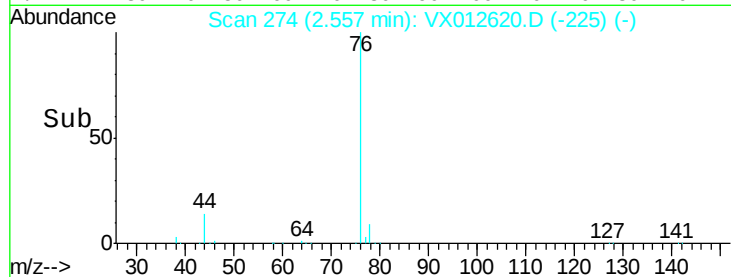
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.636 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012620.D

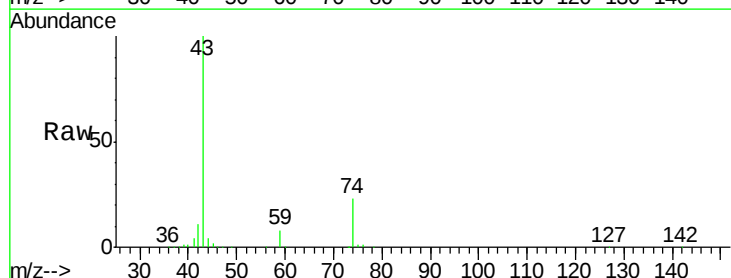
Acq: 24 Sep 2019 09:59

Tgt Ion: 43 Resp: 163847

Ion Ratio Lower Upper

43 100

74 23.6 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

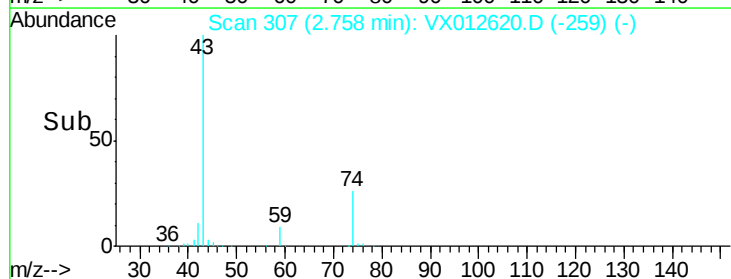
60000

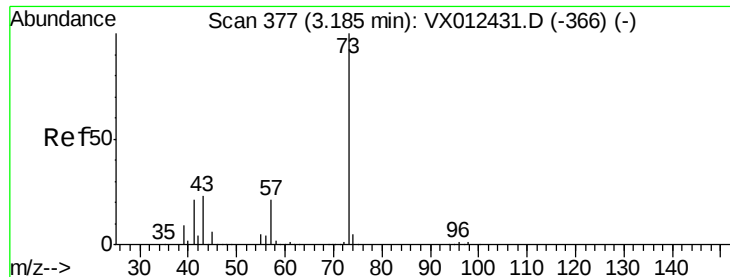
40000

20000

0

Time-->





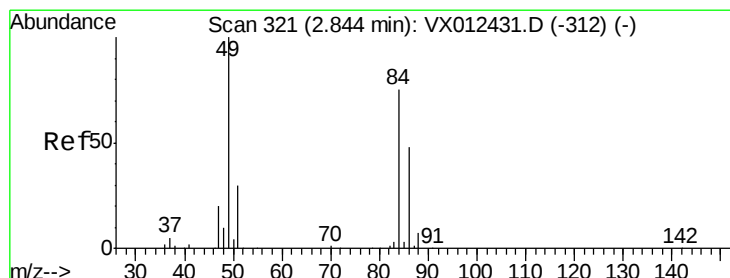
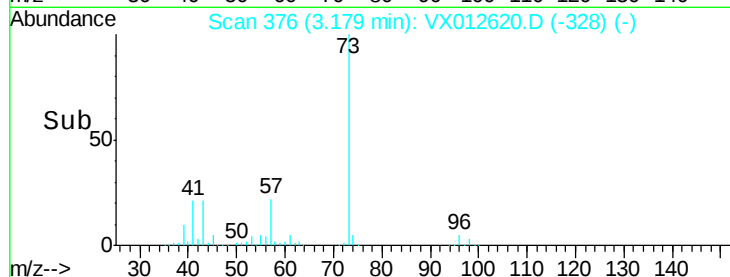
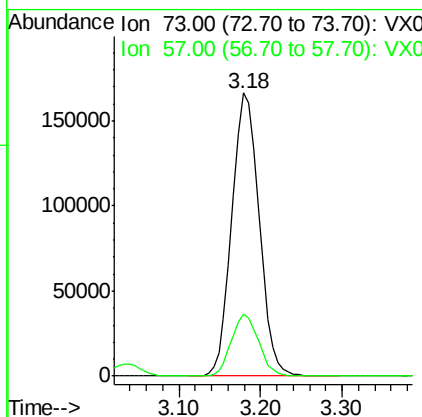
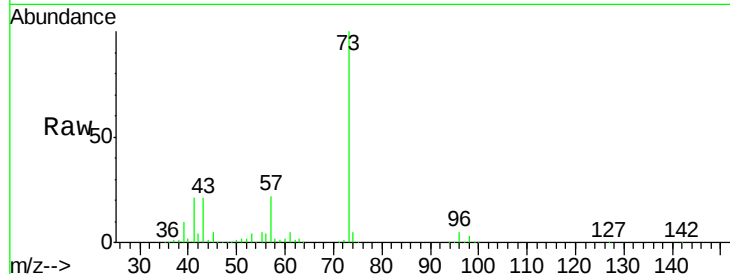
#19
Methyl tert-butyl Ether
Concen: 49.999 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.8	25.2

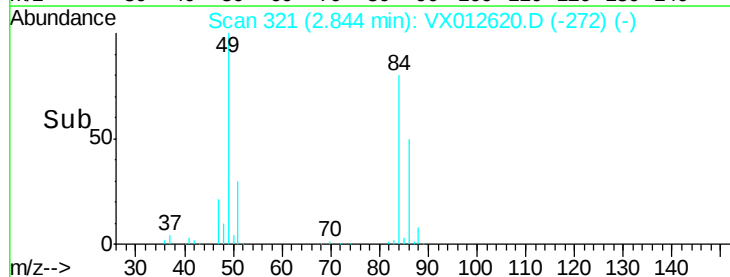
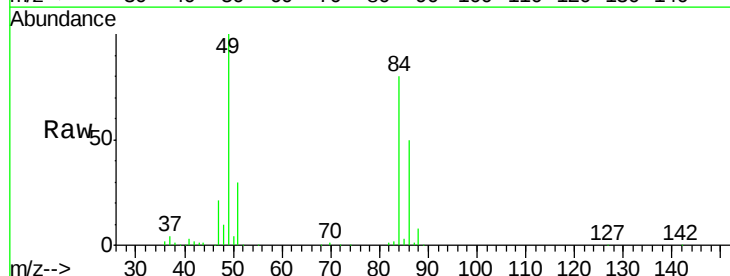
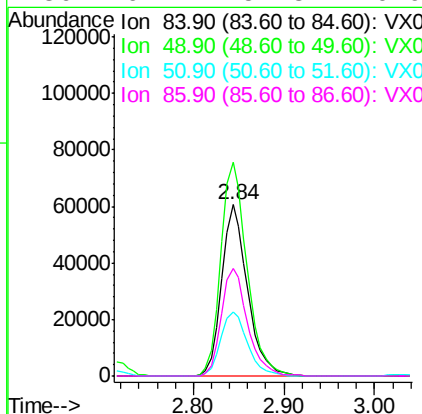
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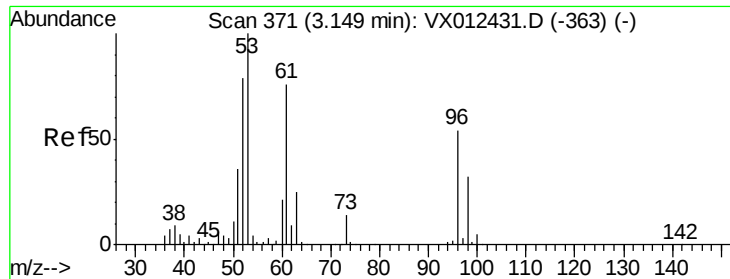
MMDadoda
9/25/2019 9:29:42 AM



#20
Methylene Chloride
Concen: 48.523 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.7	106.8	160.2
51	37.7	32.3	48.5
86	62.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 49.880 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 112522

Ion Ratio Lower Upper

96 100

61 142.4 112.0 168.0

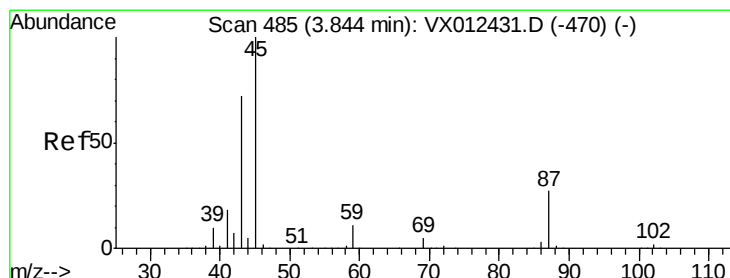
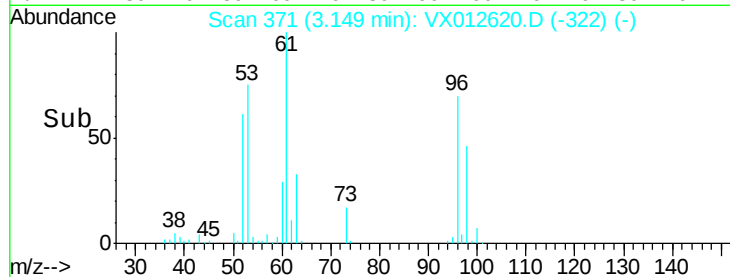
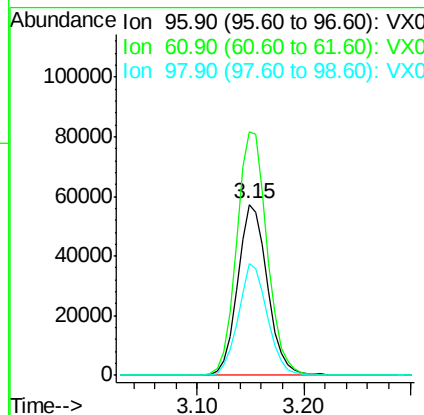
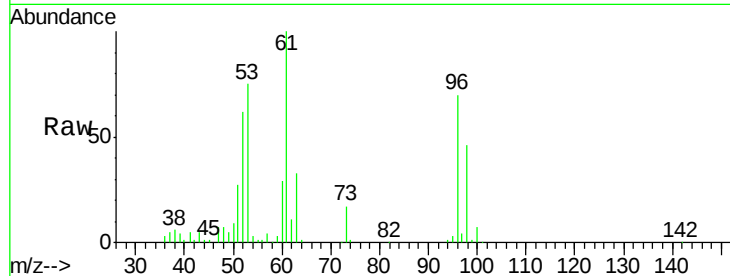
98 65.7 47.8 71.8

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#22

Diisopropyl ether

Concen: 49.985 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Tgt Ion: 45 Resp: 390183

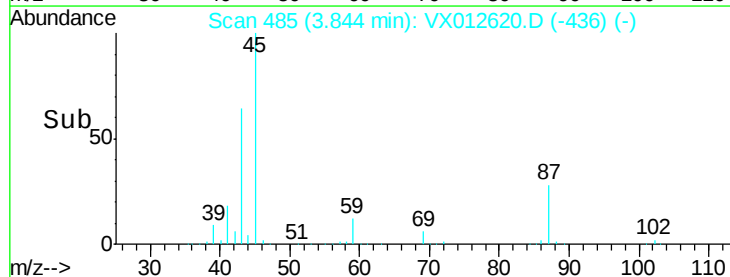
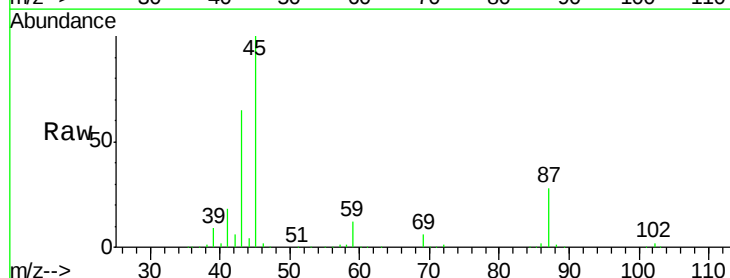
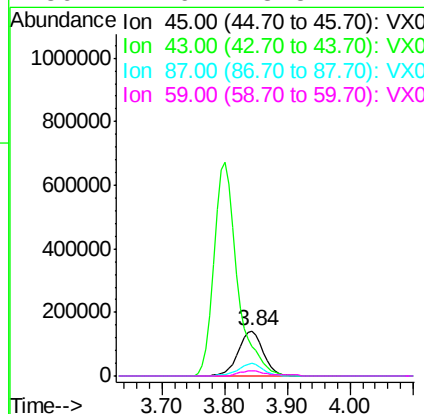
Ion Ratio Lower Upper

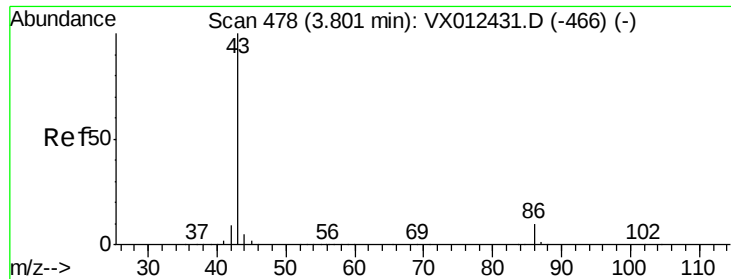
45 100

43 64.3 57.8 86.8

87 27.9 21.3 31.9

59 11.6 8.5 12.7





#23

Vinyl Acetate

Concen: 252.885 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1731135

Ion Ratio Lower Upper

43 100

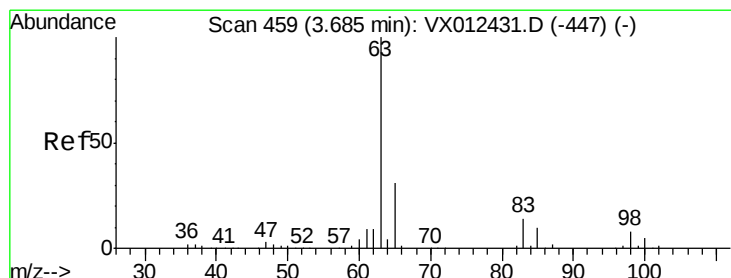
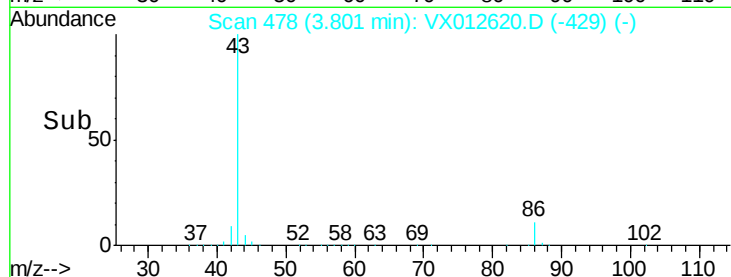
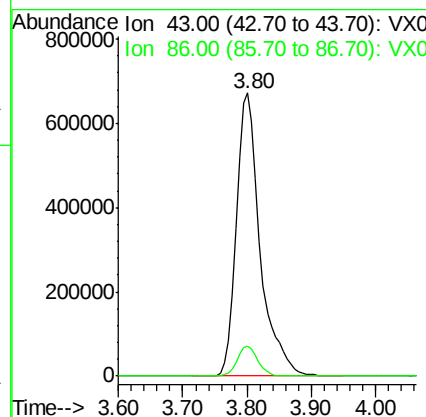
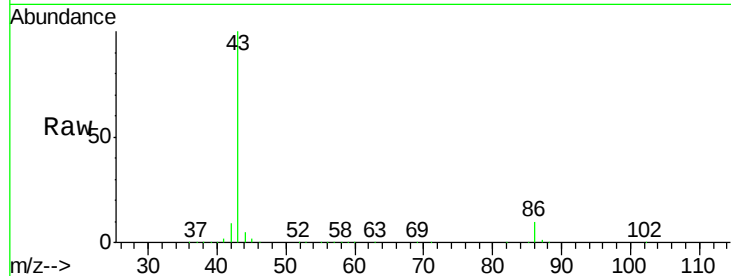
86 10.5 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 49.778 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

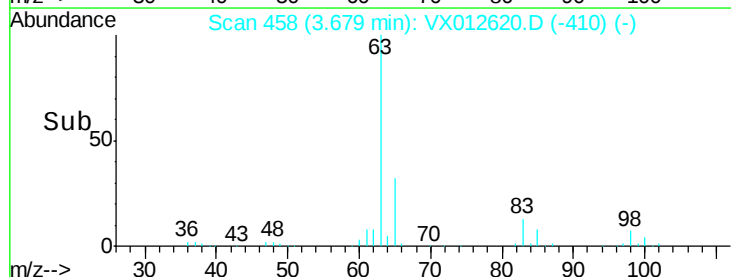
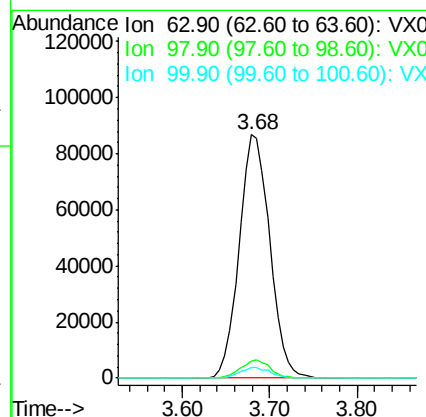
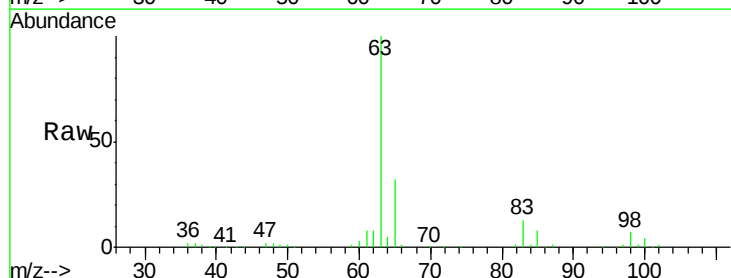
Tgt Ion: 63 Resp: 211215

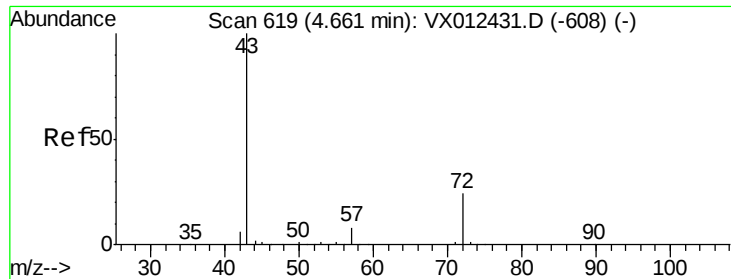
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 4.2 2.3 6.9





#25

2-Butanone

Concen: 265.893 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 556910

Ion Ratio Lower Upper

43 100

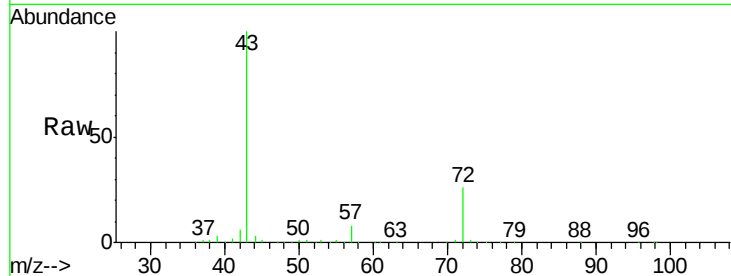
72 25.9 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

200000

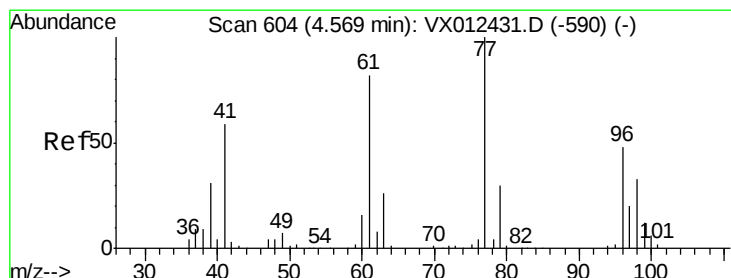
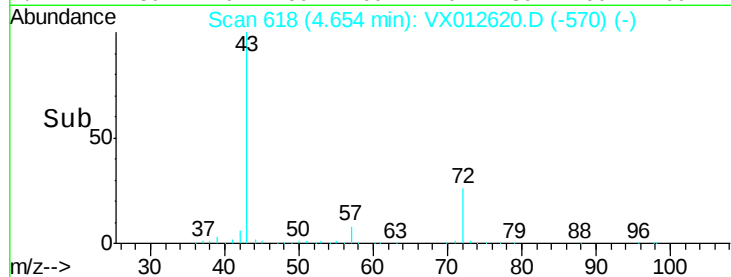
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.072 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012620.D

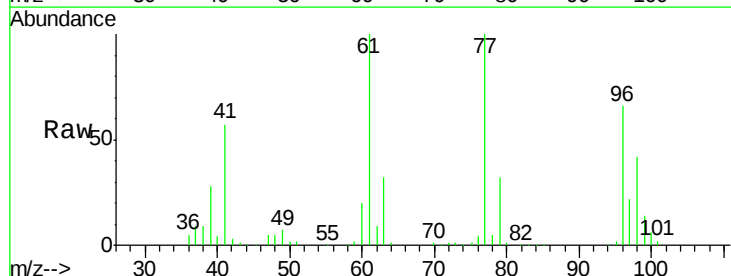
Acq: 24 Sep 2019 09:59

Tgt Ion: 77 Resp: 192738

Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

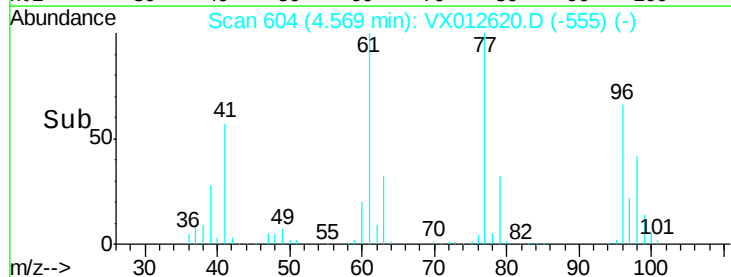
60000

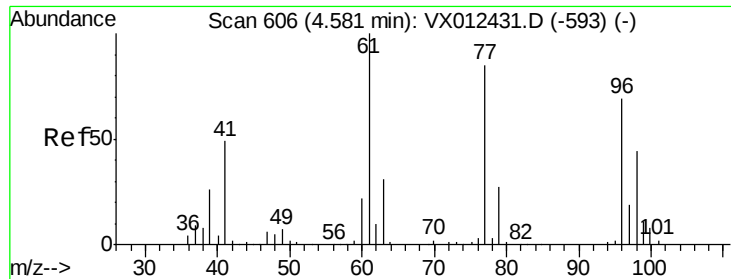
40000

20000

0

Time-->





#27

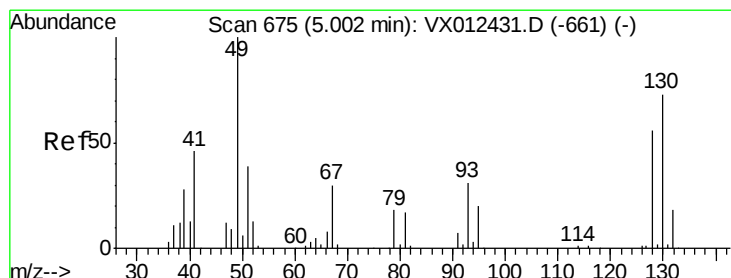
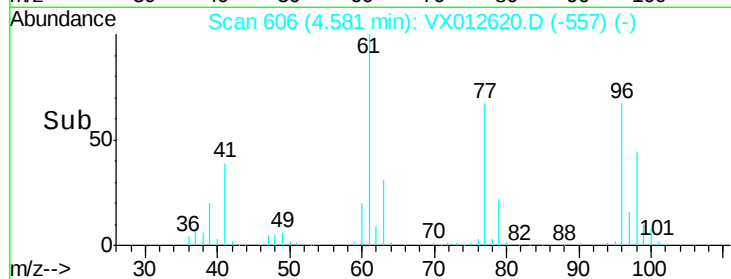
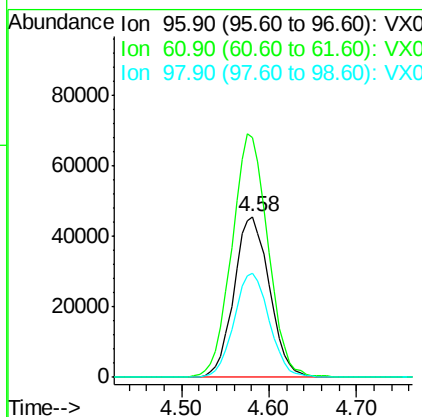
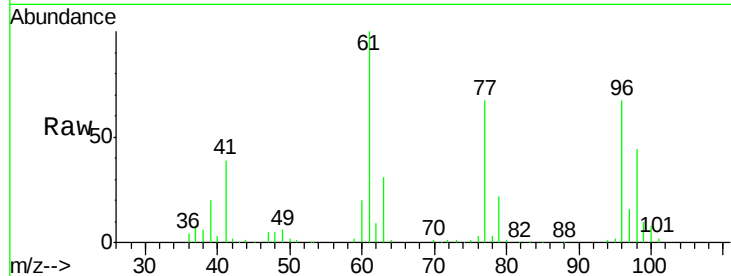
cis-1,2-Dichloroethene
Concen: 49.131 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	128600		
61	154.4	0.0	319.4	
98	64.5	0.0	130.6	

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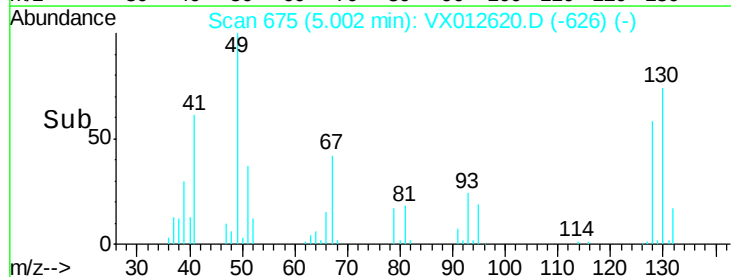
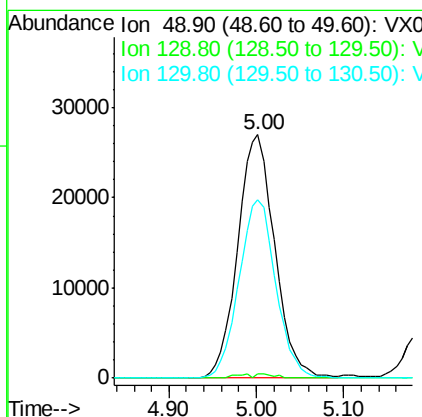
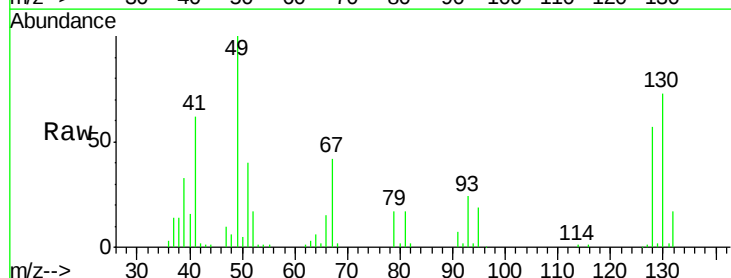
MMDadoda
9/25/2019 9:29:42 AM

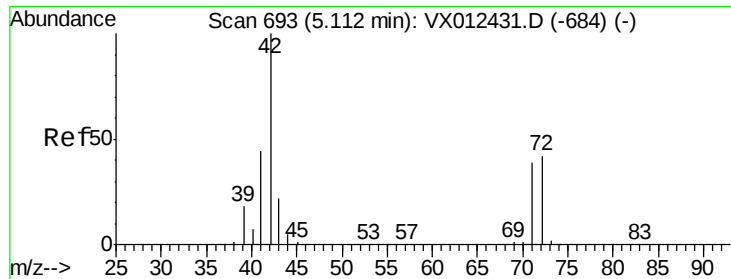


#28

Bromochloromethane
Concen: 51.622 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79533		
129	1.0	0.0	3.8	
130	72.6	58.2	87.4	





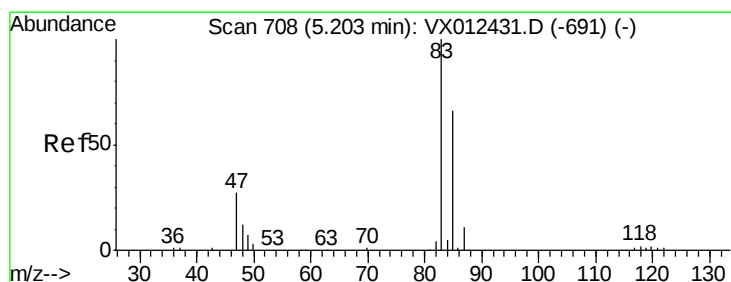
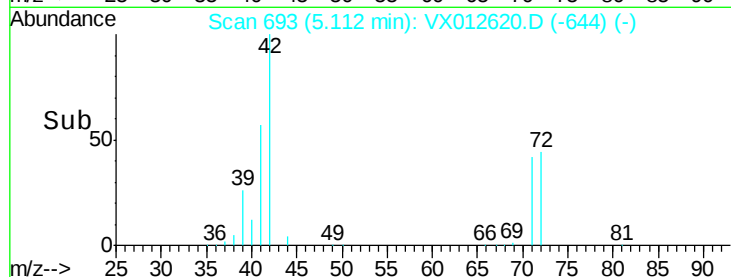
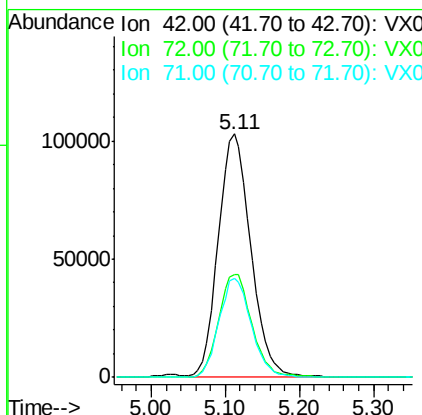
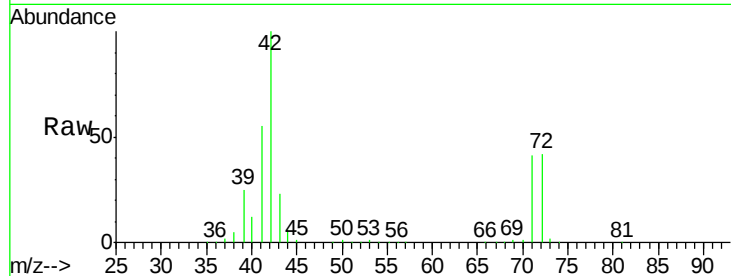
#29
Tetrahydrofuran
Concen: 244.912 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.0	51.0
71	40.5	31.5	47.3

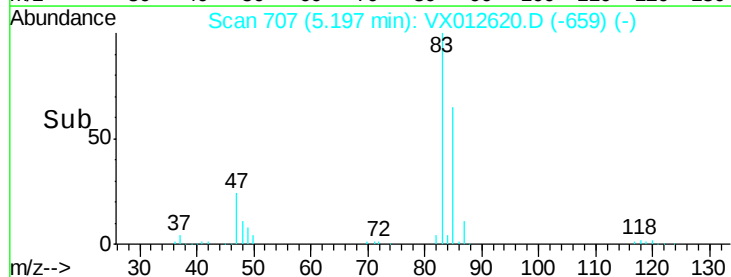
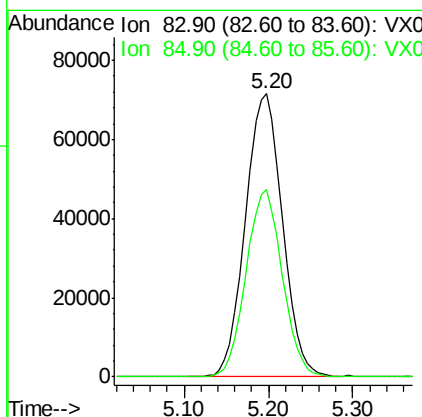
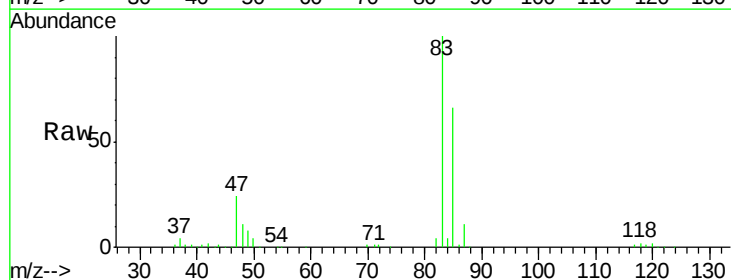
Manual Integrations
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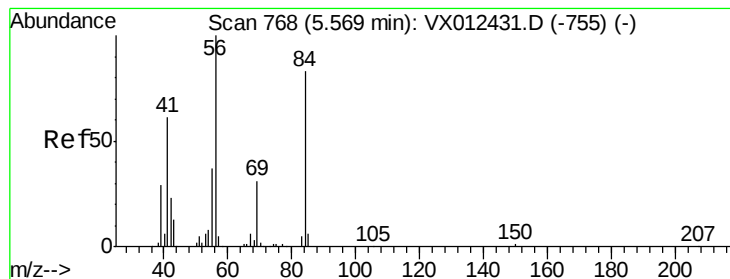
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#30
Chloroform
Concen: 49.294 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.0	79.4





#31

Cyclohexane

Concen: 51.875 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

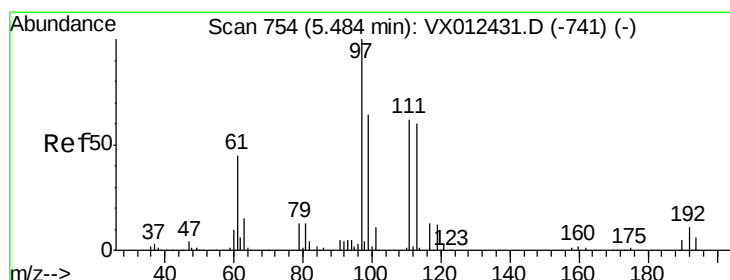
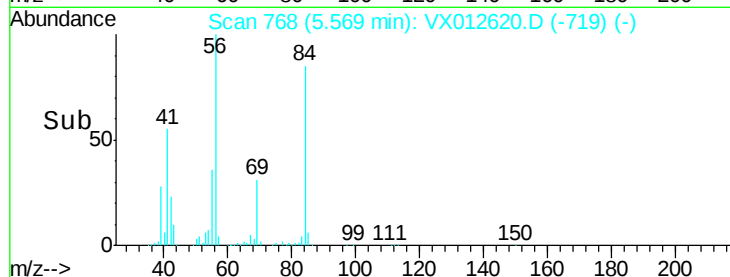
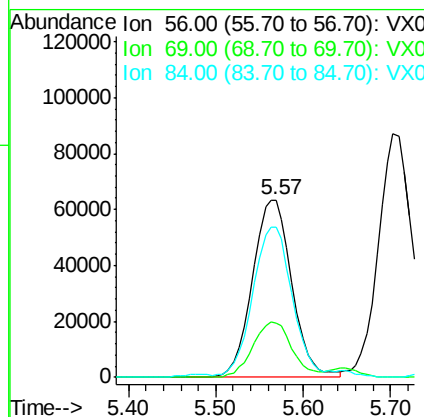
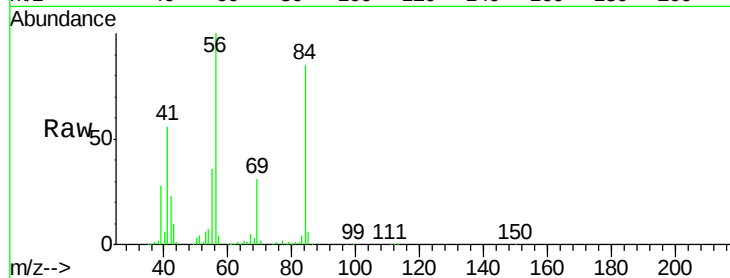
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	199133
Ion Ratio	Lower	Upper	
56	100		
69	30.7	25.0	37.6
84	82.7	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 50.823 ug/l

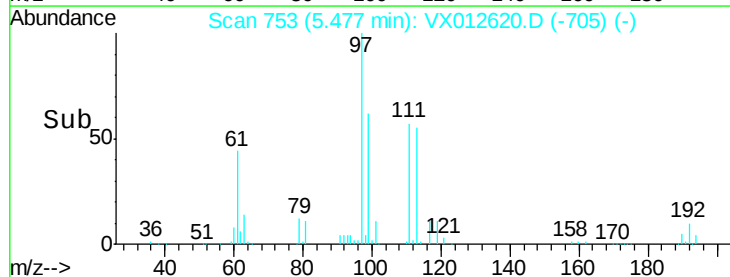
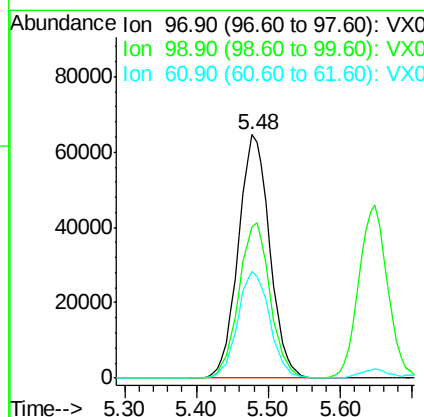
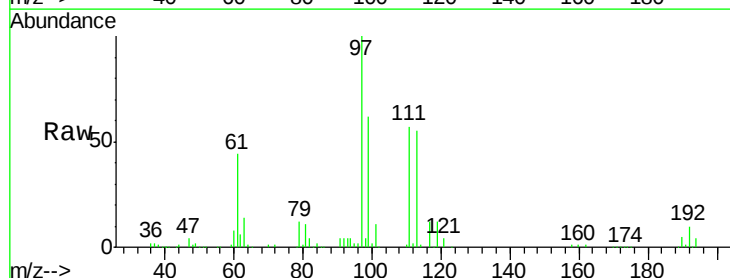
RT: 5.48 min Scan# 753

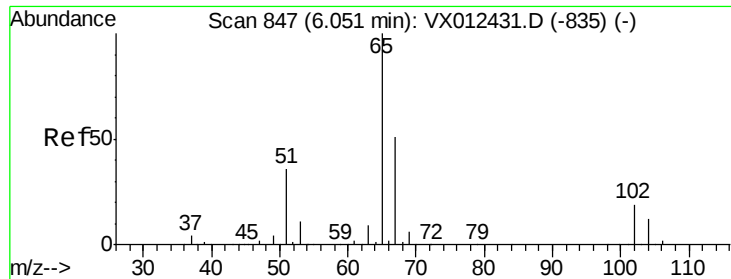
Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Tgt Ion:	97	Resp:	195538
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.3	76.9
61	44.7	36.1	54.1





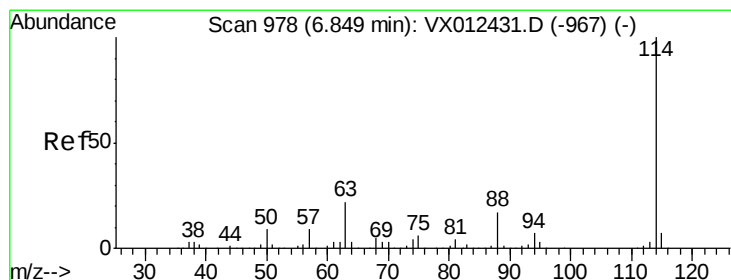
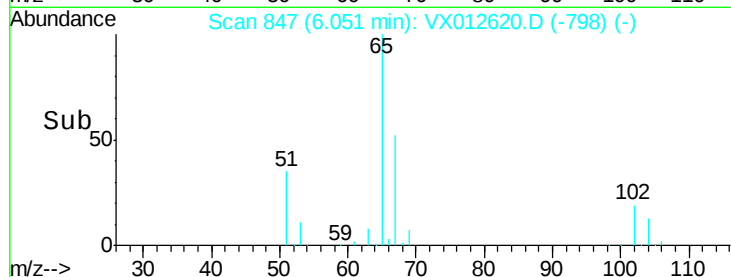
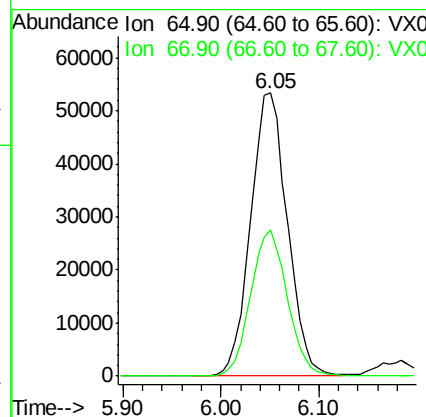
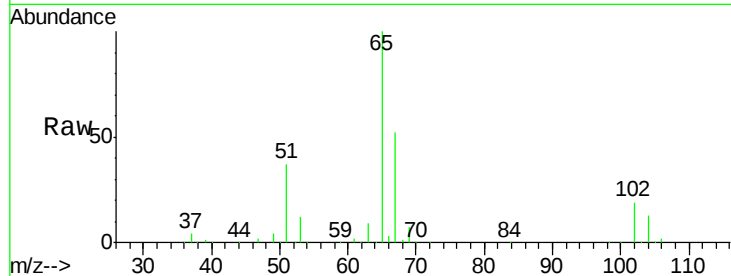
#33
 1,2-Dichloroethane-d4
 Concen: 50.461 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	139161		
67	51.5	0.0	101.2	

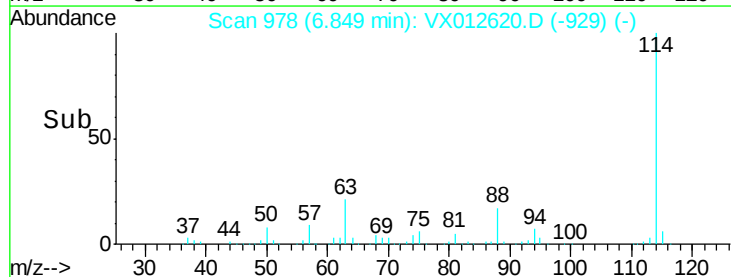
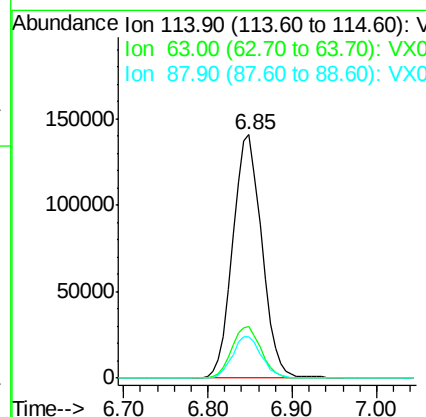
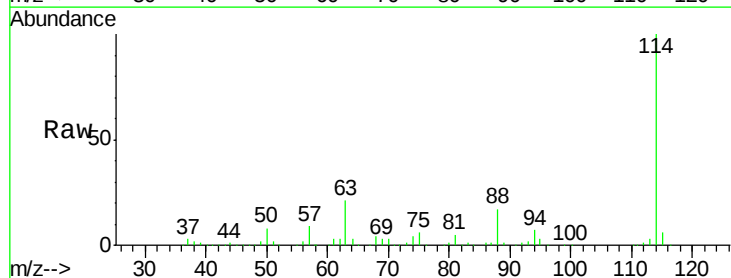
Manual Integrations
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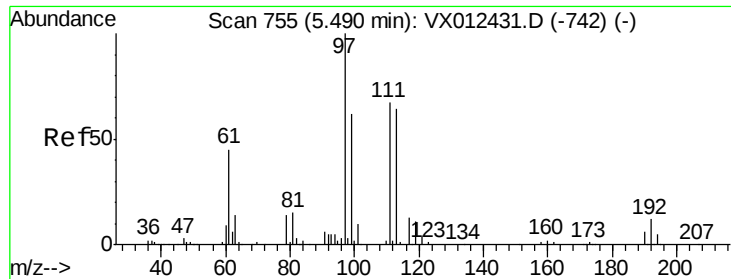
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	329154		
63	21.1	0.0	43.2	
88	16.8	0.0	33.2	





#35

Dibromofluoromethane

Concen: 53.226 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

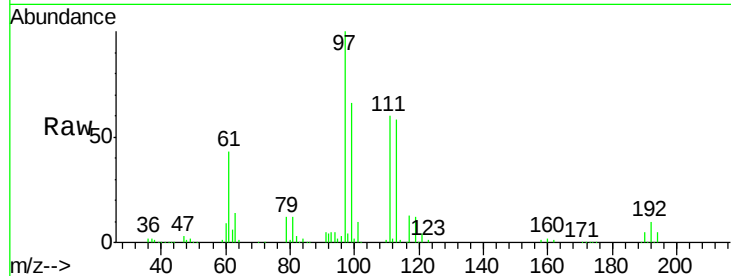
ClientSampleId :

VSTDCCC050

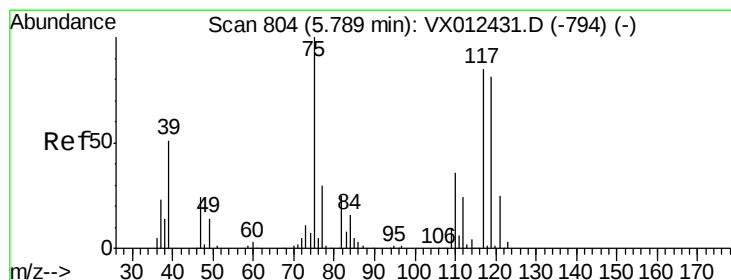
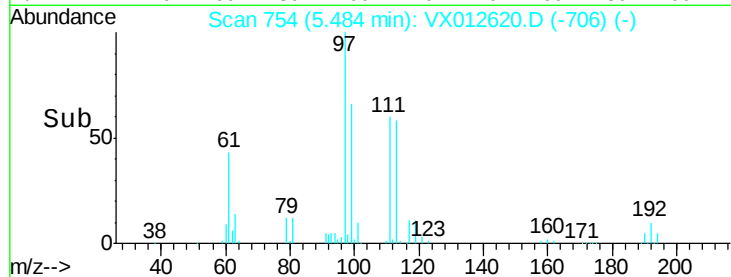
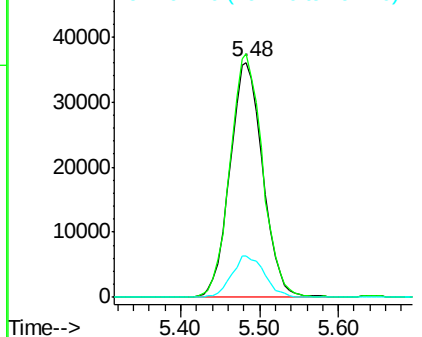
Tot Ion:	113	Resp:	104336
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.2
192	17.7	14.4	21.6

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.163 ug/l

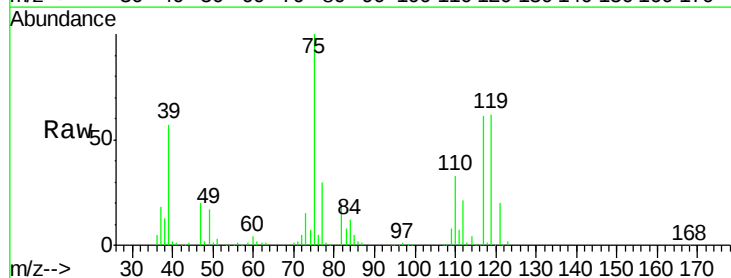
RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

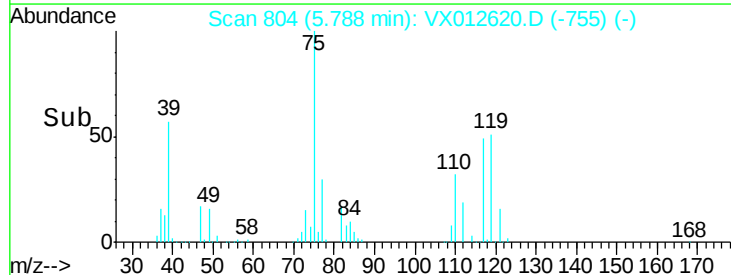
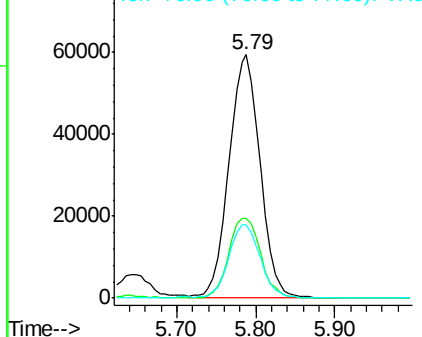
Lab File: VX012620.D

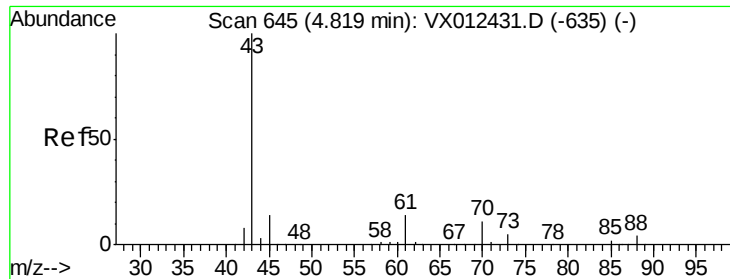
Acq: 24 Sep 2019 09:59

Tgt Ion:	75	Resp:	162325
Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.7	50.0
77	30.8	24.2	36.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





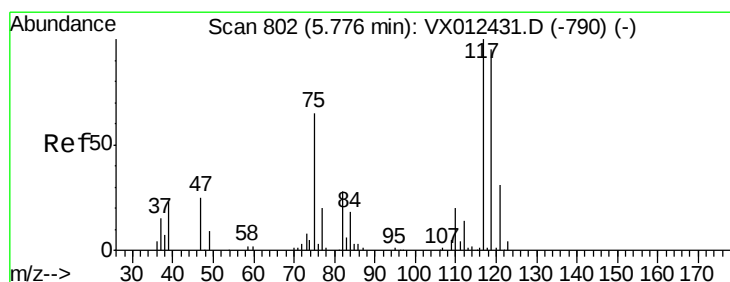
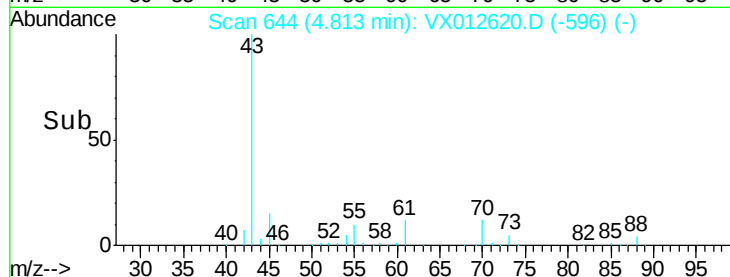
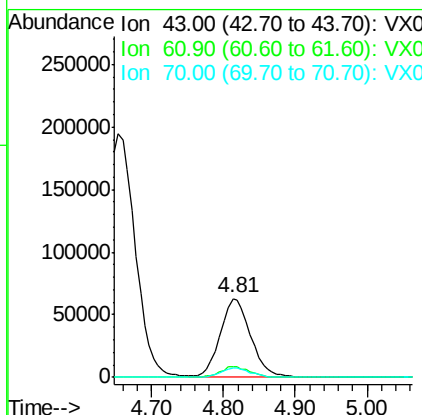
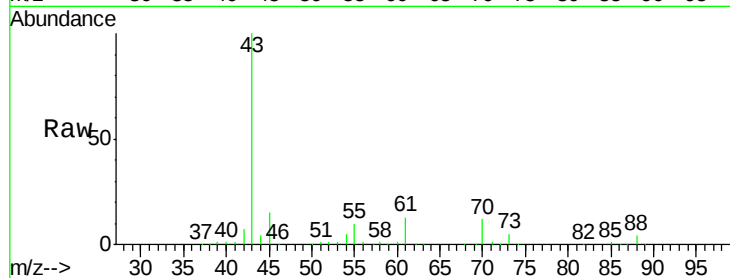
#37
Ethyl Acetate
Concen: 49.731 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.4
70	11.8	8.7	13.1

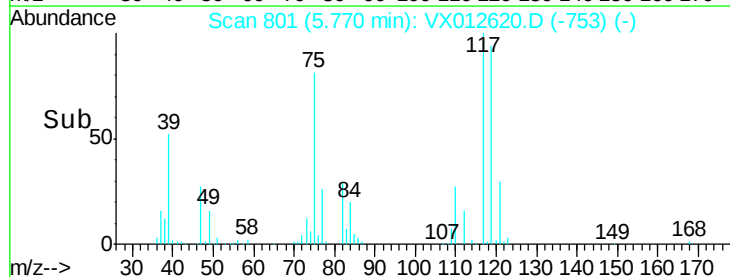
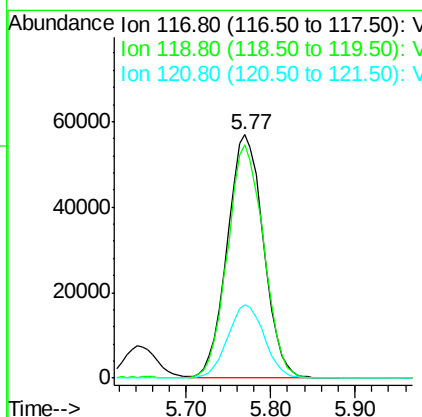
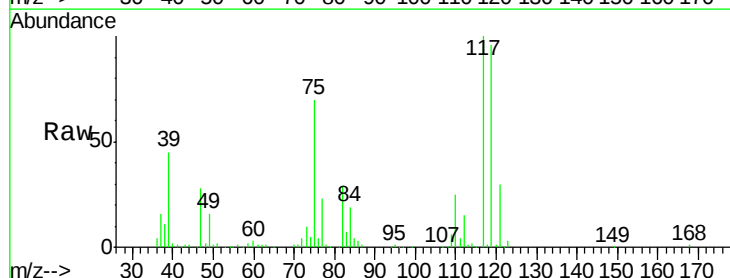
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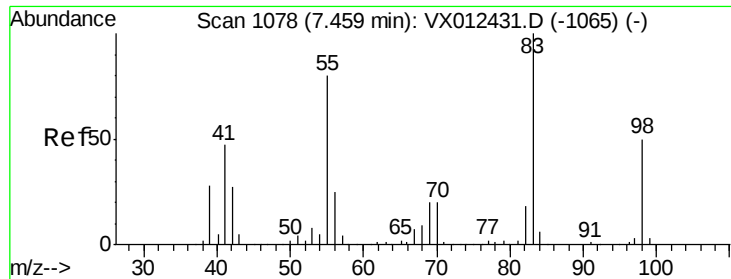
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#38
Carbon Tetrachloride
Concen: 51.563 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.7	113.5
121	30.0	24.2	36.4





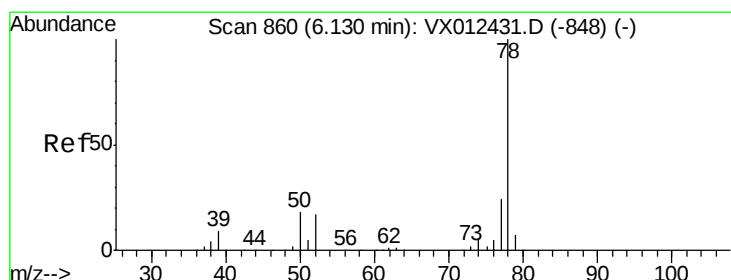
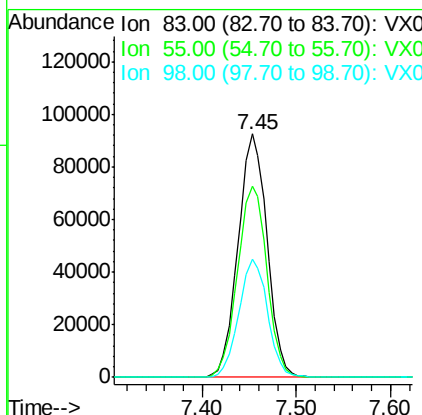
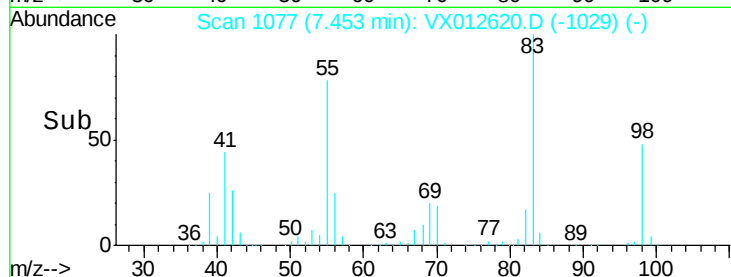
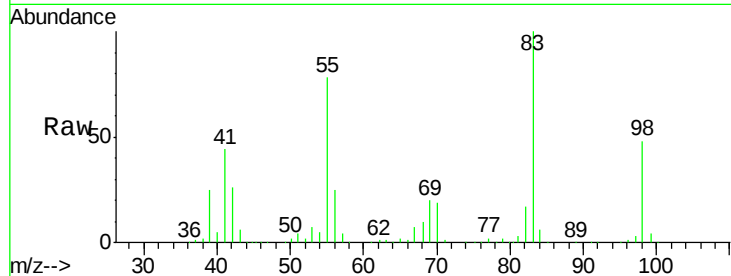
#39
Methvlcvclohexane
Concen: 52.265 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	199628		
55	78.3	64.4	96.6	
98	48.4	40.1	60.1	

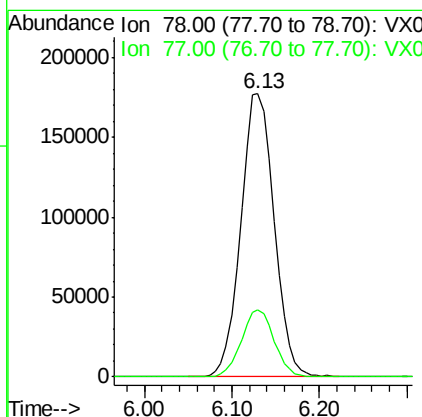
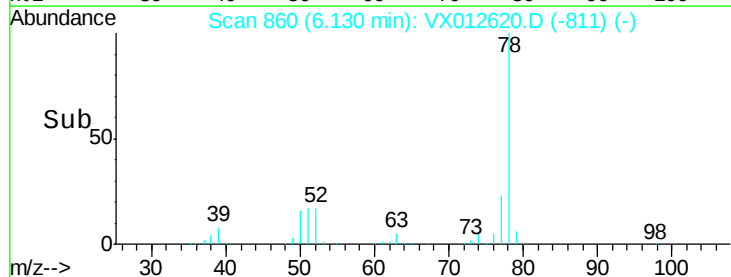
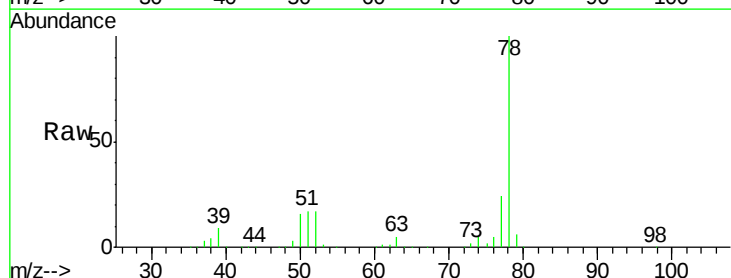
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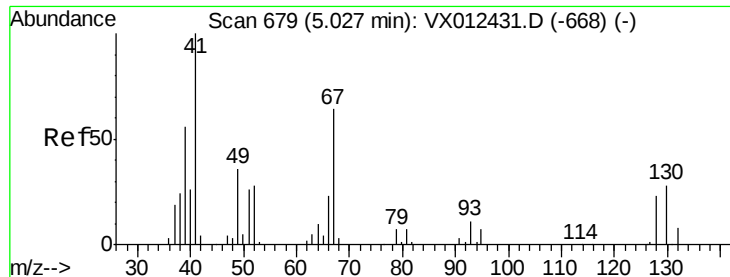
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#40
Benzene
Concen: 50.412 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	470596		
77	23.8	19.2	28.8	





#41

Methacrylonitrile

Concen: 50.761 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 105641
Ion Ratio Lower Upper

41 100

39 53.3 46.0 69.0

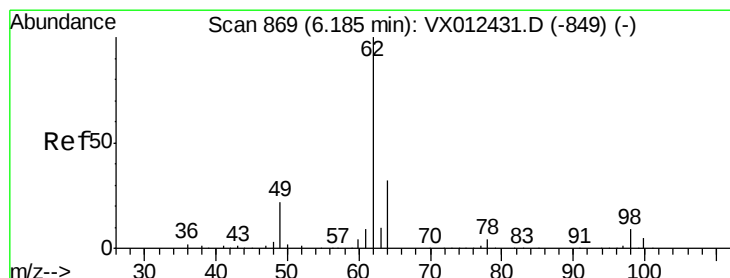
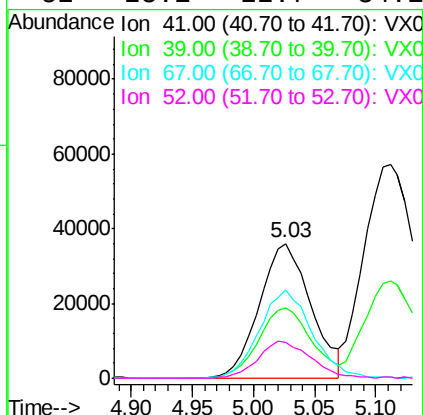
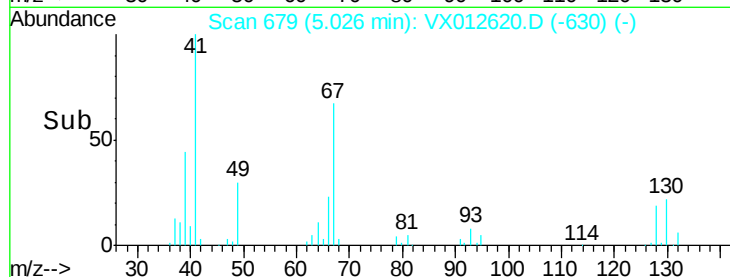
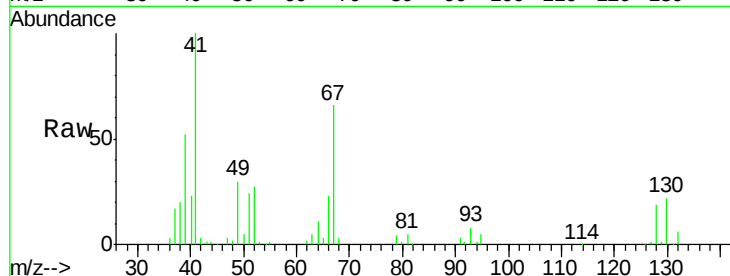
67 67.3 52.2 78.2

52 28.1 22.7 34.1

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#42

1,2-Dichloroethane

Concen: 50.919 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

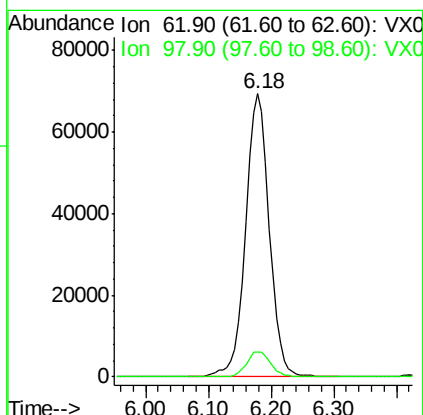
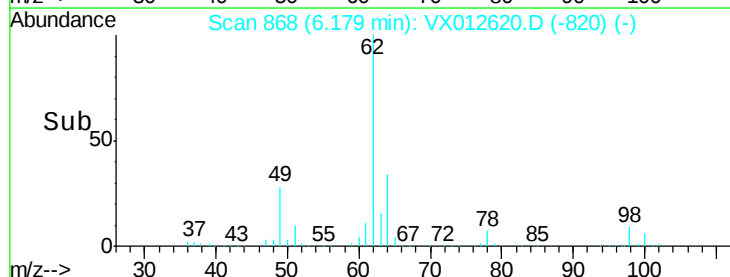
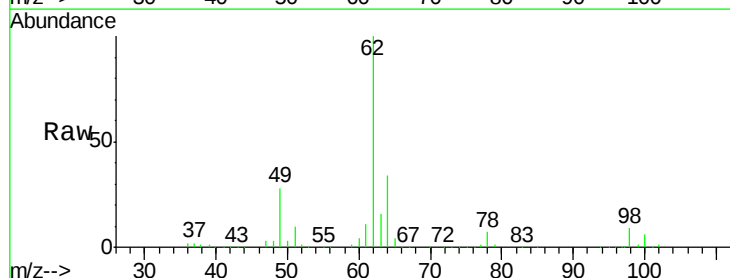
Lab File: VX012620.D

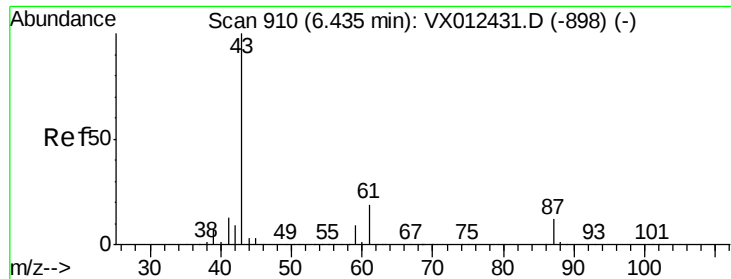
Acq: 24 Sep 2019 09:59

Tgt Ion: 62 Resp: 180501
Ion Ratio Lower Upper

62 100

98 9.1 0.0 17.8





#43

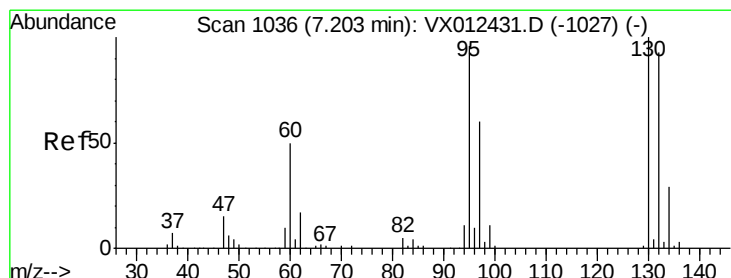
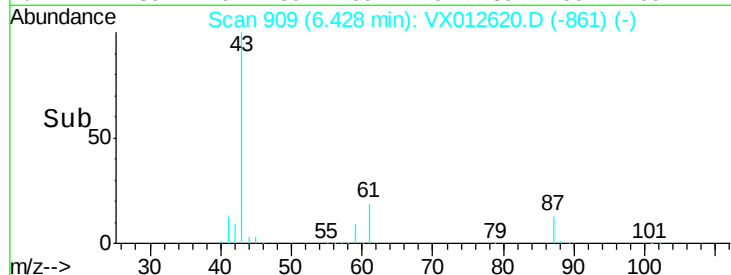
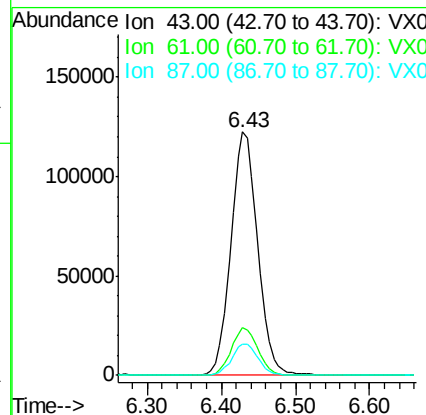
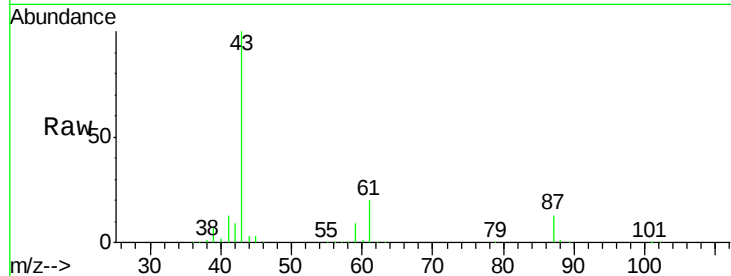
Isopropyl Acetate
 Concen: 49.313 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.4	23.0
87	12.9	9.8	14.8

Manual Integrations
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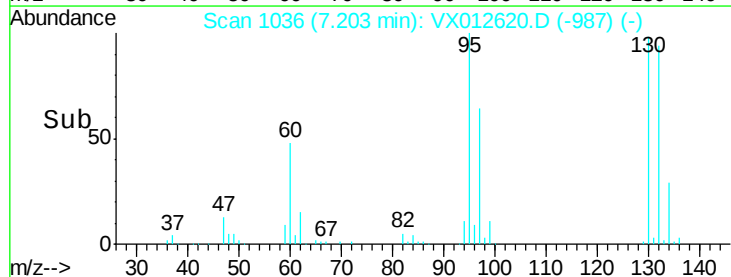
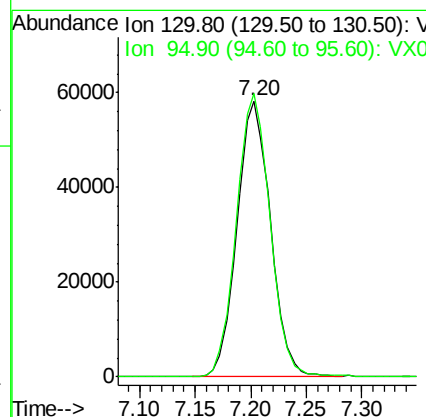
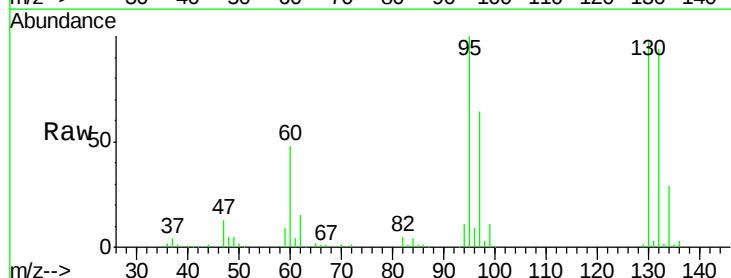
MMDadoda
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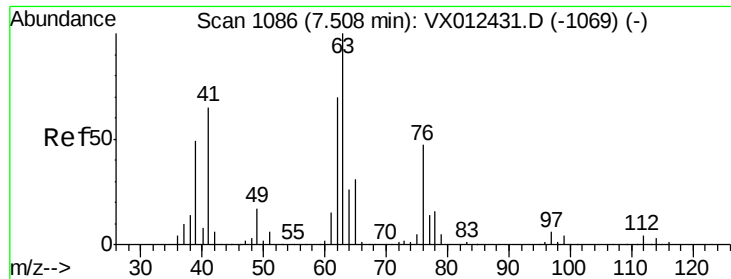


#44

Trichloroethene
 Concen: 50.824 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	193.0





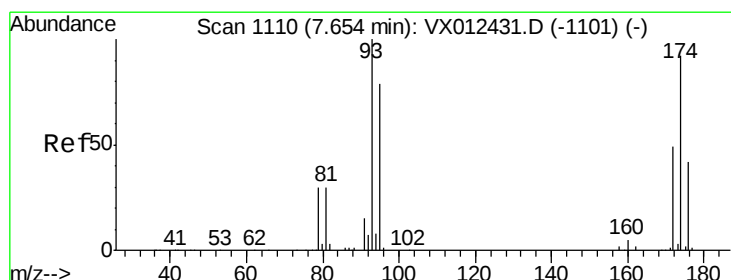
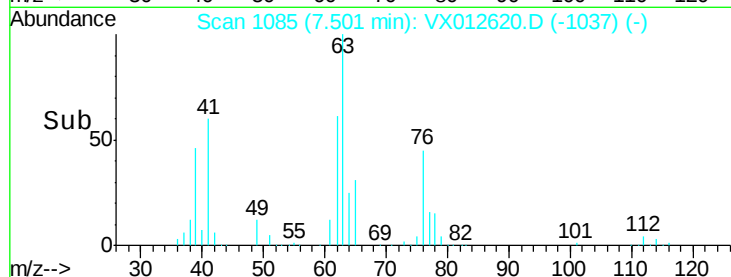
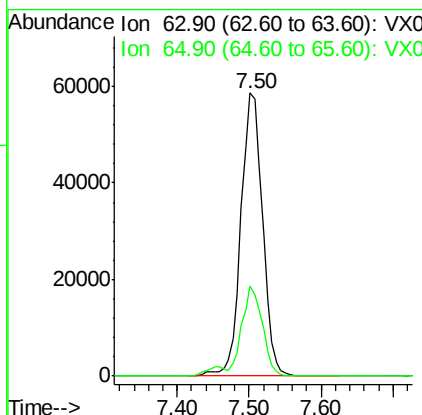
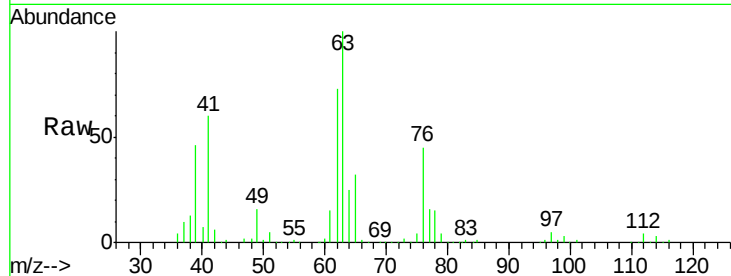
#45
 1,2-Dichloropropane
 Concen: 51.164 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 122281
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.6

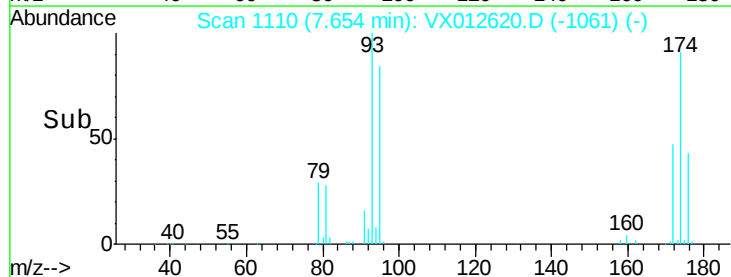
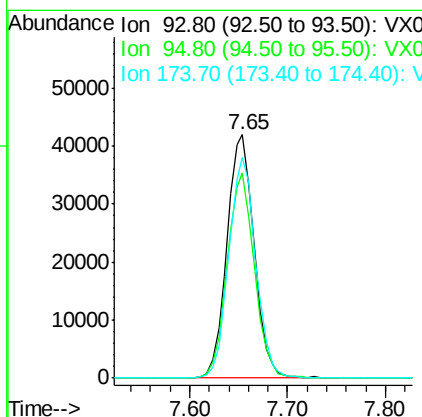
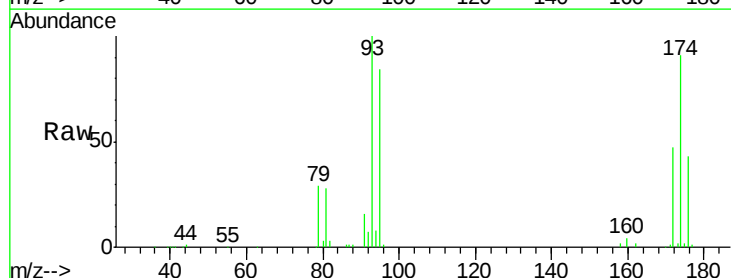
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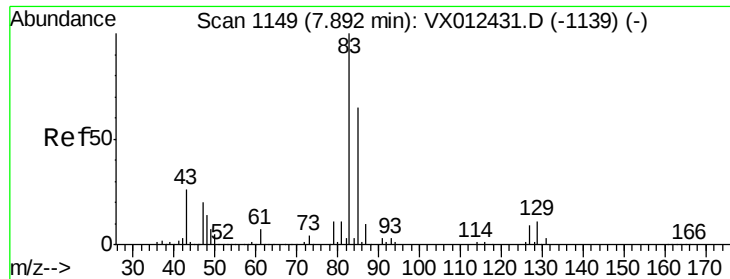
MMDadoda
 9/25/2019 9:29:42 AM



#46
 Dibromomethane
 Concen: 49.803 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion: 93 Resp: 81041
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.6 100.0
 174 89.7 77.4 116.0





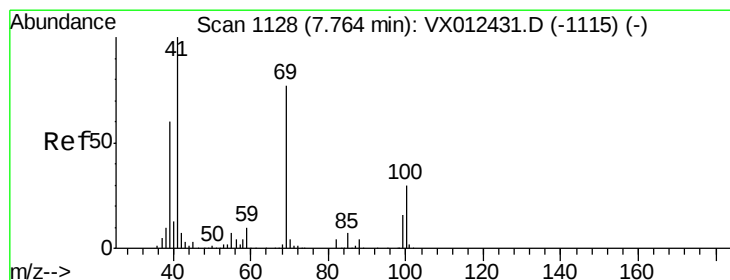
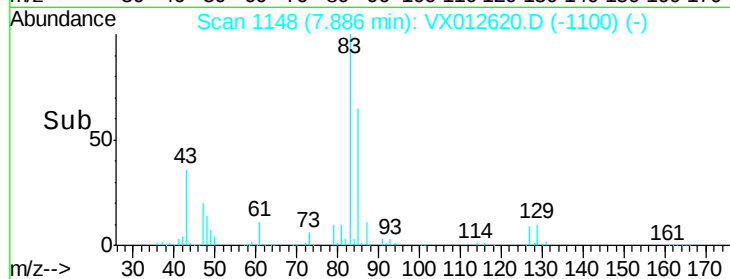
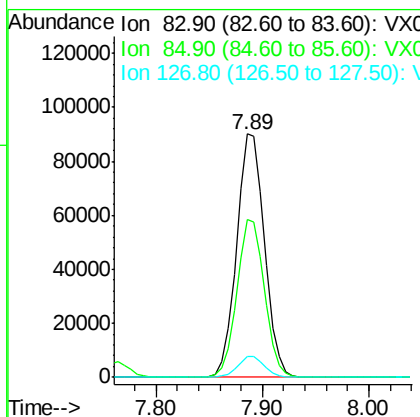
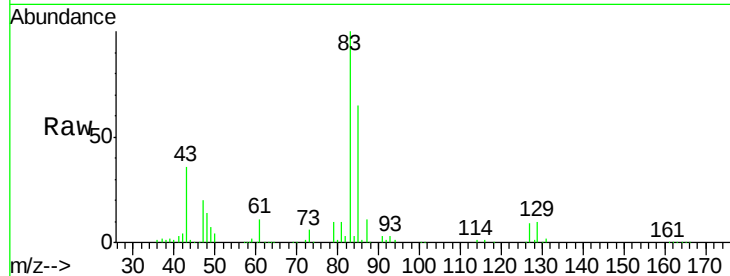
#47
Bromodichloromethane
Concen: 50.996 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	165849		
85	65.0		51.8	77.6
127	8.5		7.3	10.9

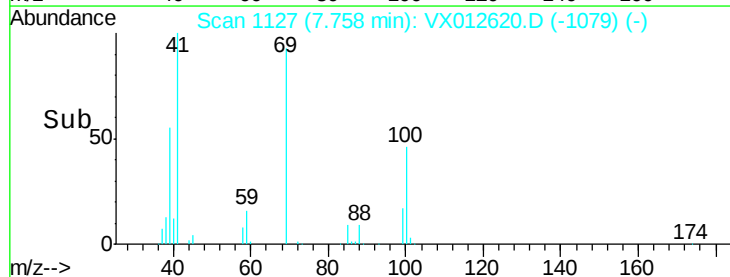
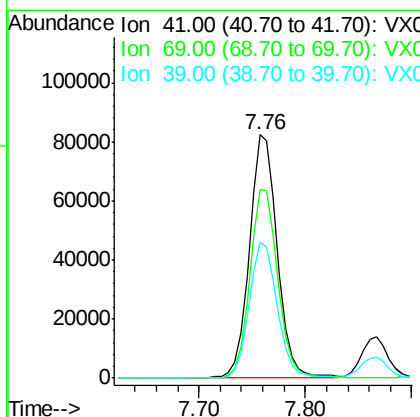
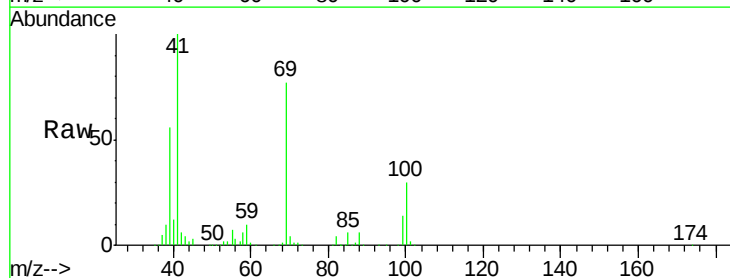
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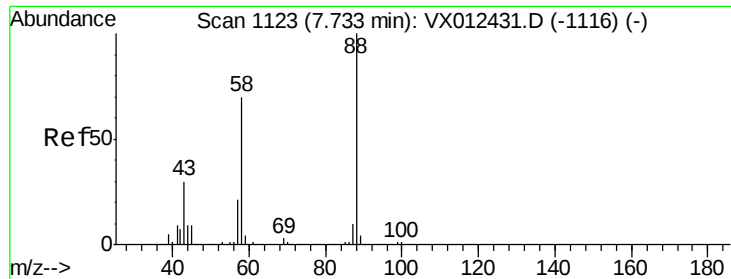
MMDadoda
9/25/2019 9:29:42 AM



#48
Methyl methacrylate
Concen: 50.605 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	150514		
69	78.5		59.9	89.9
39	56.8		47.8	71.6





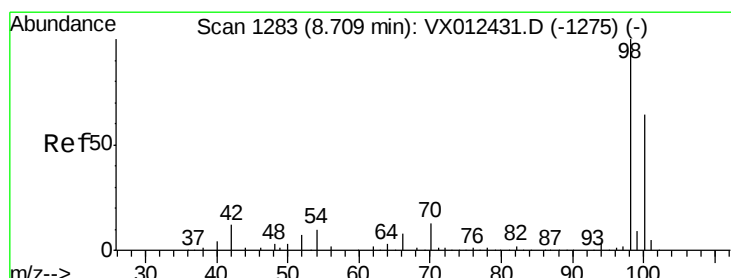
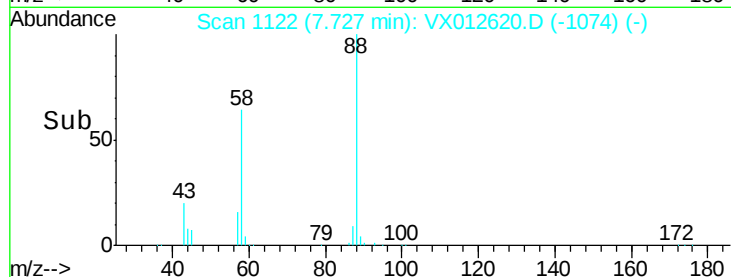
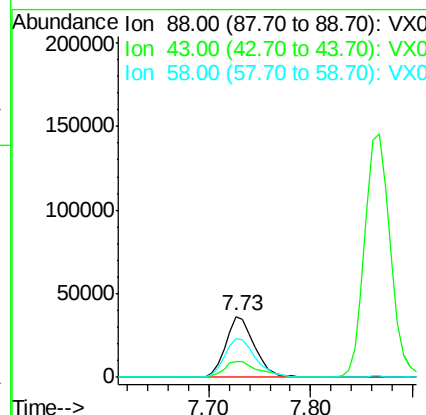
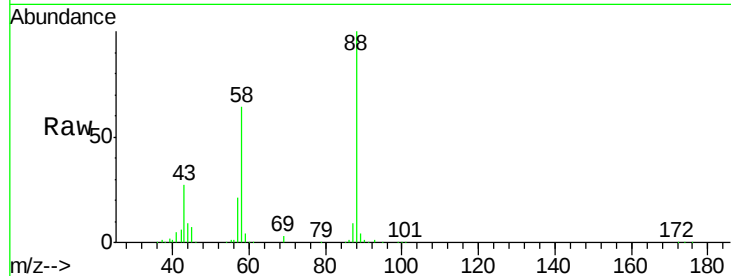
#49
1,4-Dioxane
Concen: 1046.900 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	29.4	44.0
58	68.5	57.5	86.3

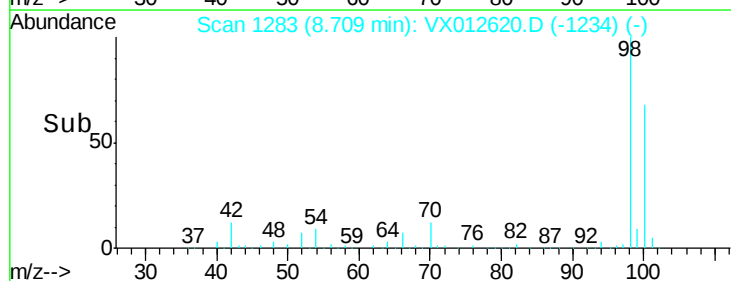
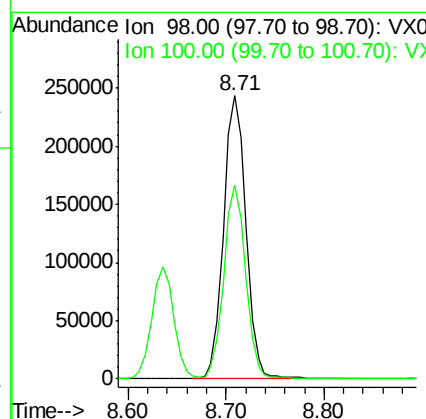
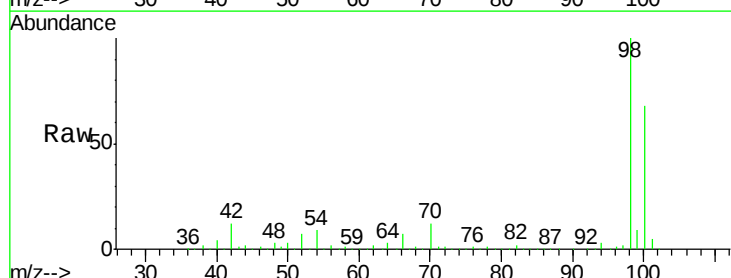
Manual Integrations
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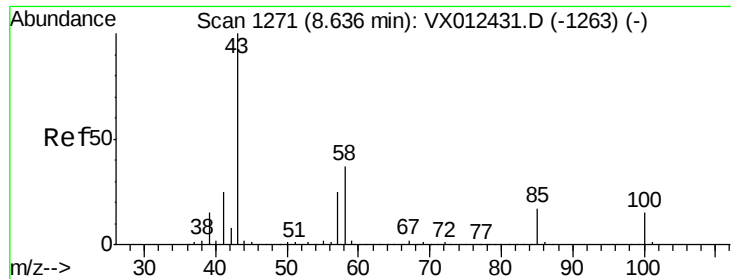
MMDadoda
9/25/2019 9:29:42 AM



#50
Toluene-d8
Concen: 51.243 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 248.595 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 951863

Ion Ratio Lower Upper

43 100

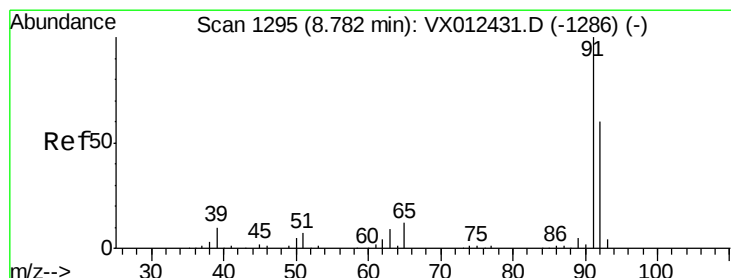
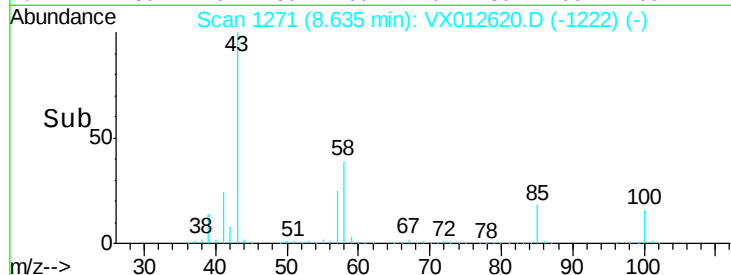
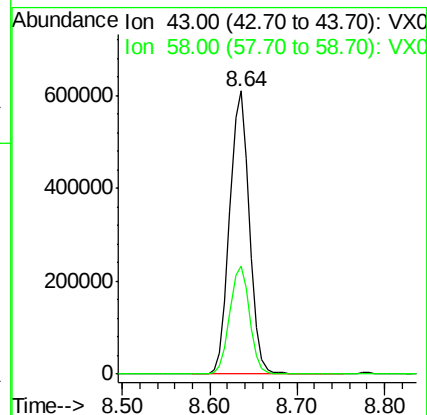
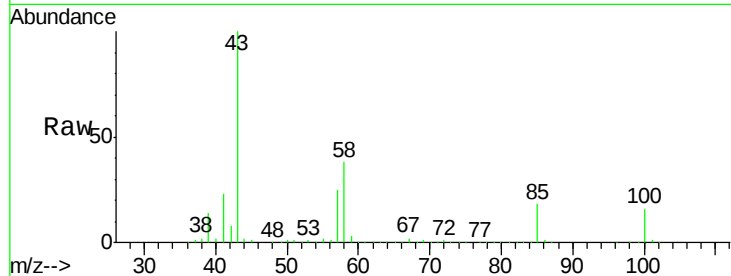
58 38.6 29.8 44.6

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#52

Toluene

Concen: 51.545 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012620.D

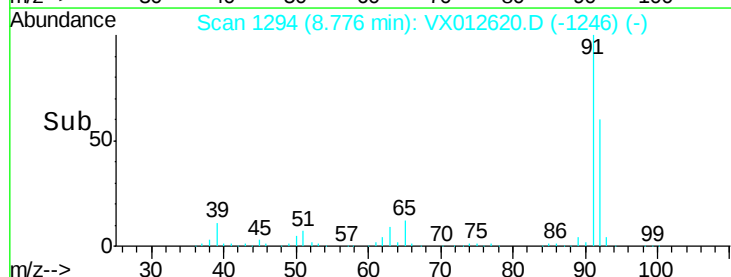
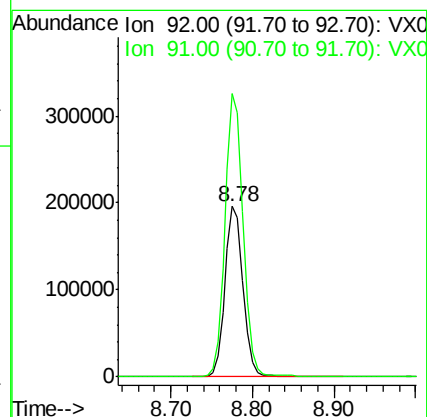
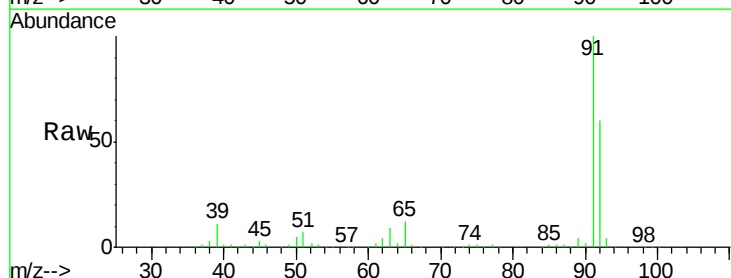
Acq: 24 Sep 2019 09:59

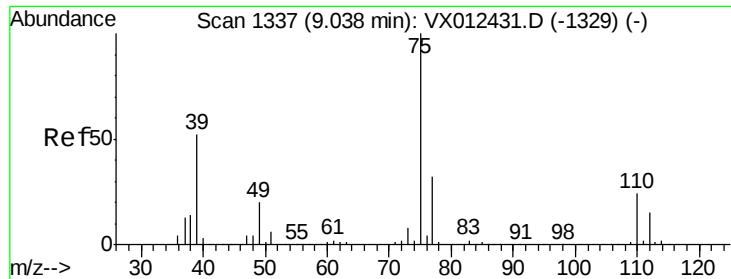
Tgt Ion: 92 Resp: 302418

Ion Ratio Lower Upper

92 100

91 167.0 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 52.530 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 189016

Ion Ratio Lower Upper

75 100

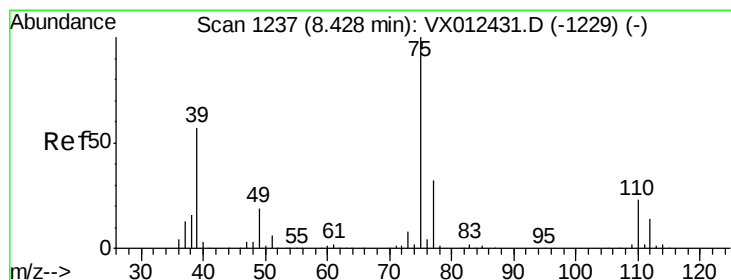
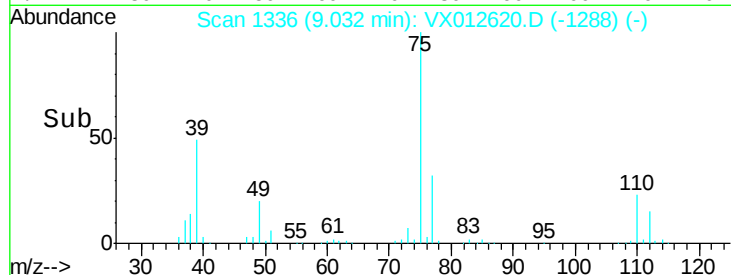
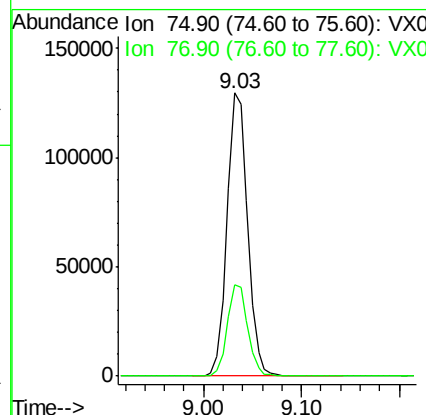
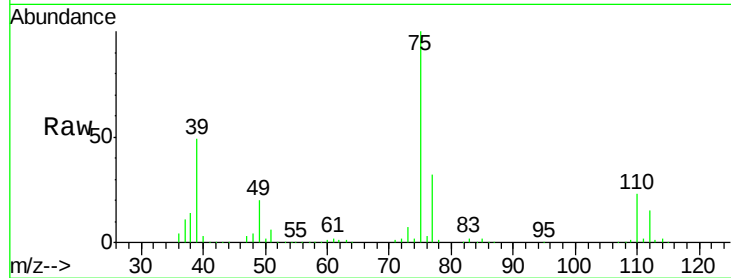
77 32.1 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 51.759 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

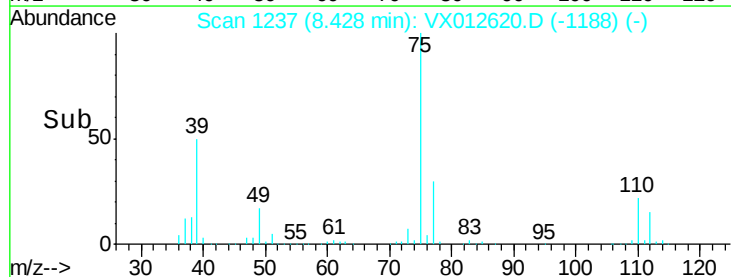
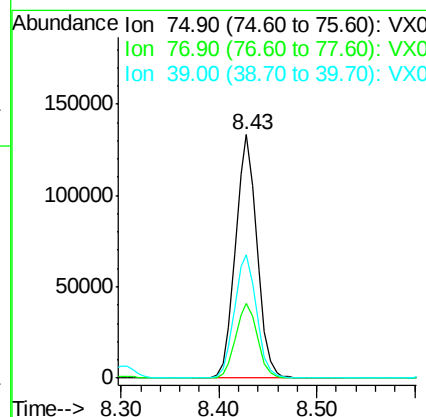
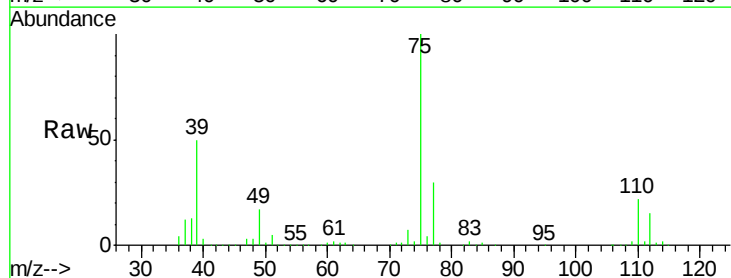
Tgt Ion: 75 Resp: 203347

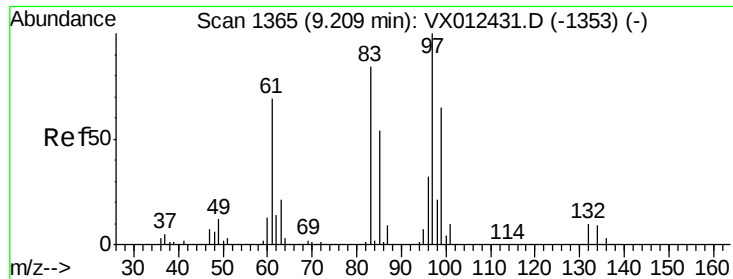
Ion Ratio Lower Upper

75 100

77 30.5 25.8 38.8

39 50.4 45.5 68.3





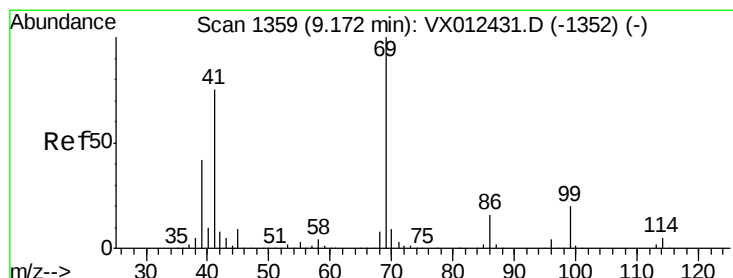
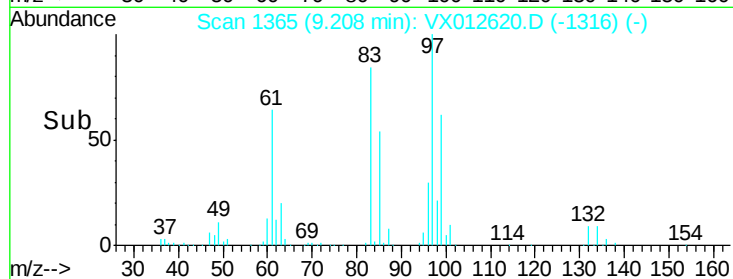
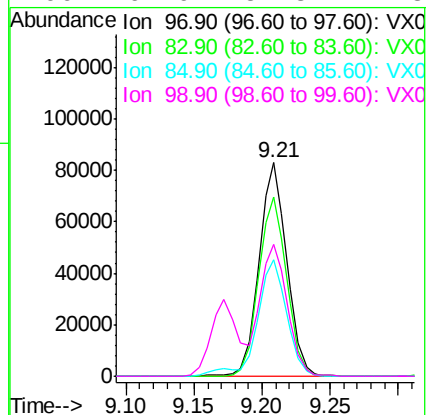
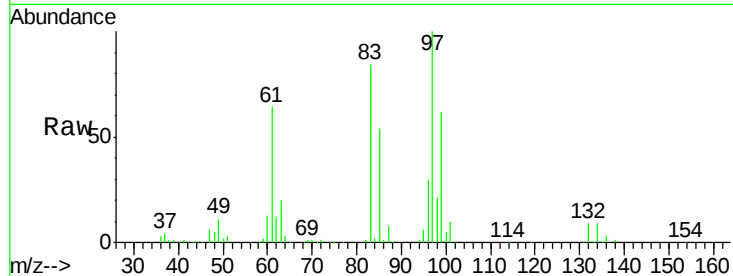
#55
 1,1,2-Trichloroethane
 Concen: 50.821 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	118545
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.4	101.2
85	54.2	43.5	65.3
99	61.9	51.8	77.8

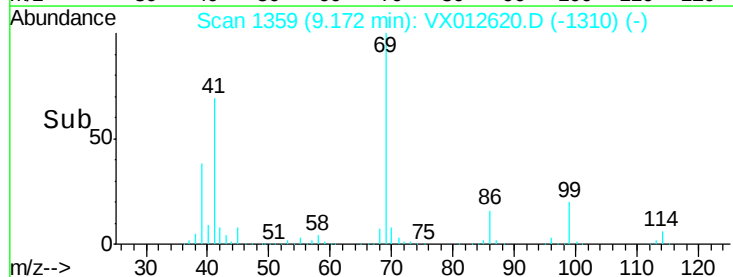
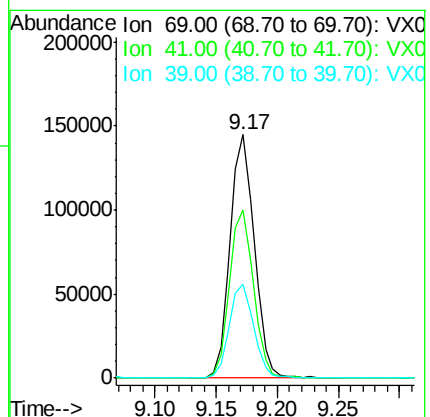
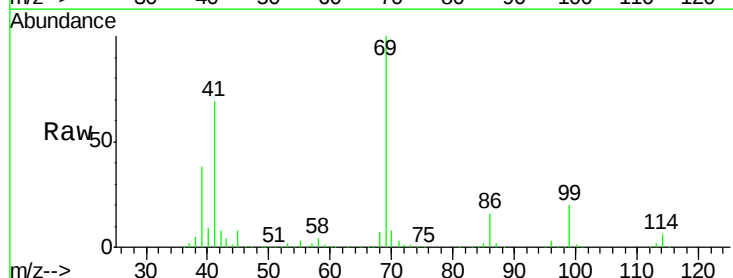
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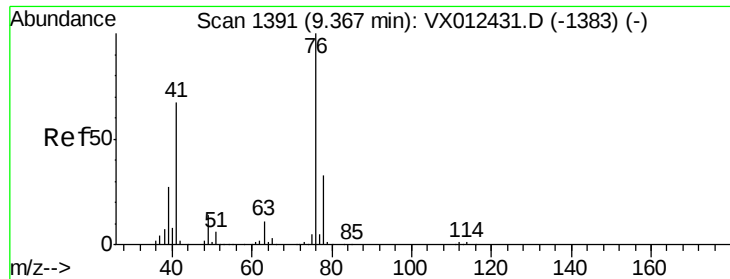
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#56
 Ethyl methacrylate
 Concen: 50.750 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion:	69	Resp:	198877
Ion	Ratio	Lower	Upper
69	100		
41	69.1	58.4	87.6
39	38.7	33.4	50.0





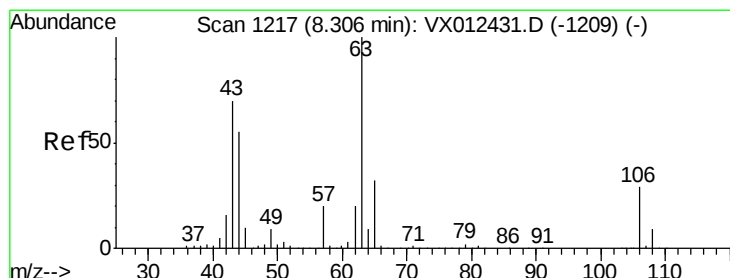
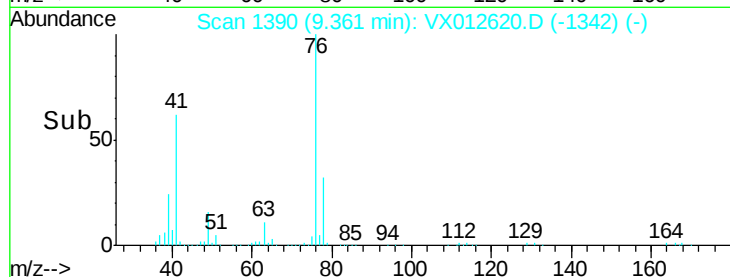
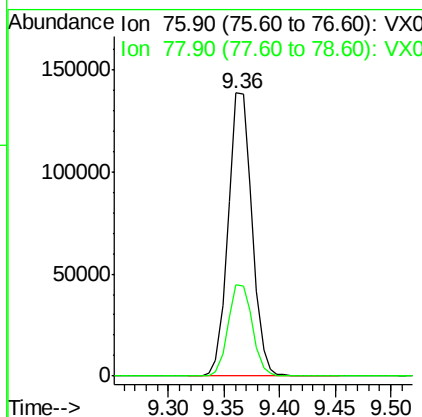
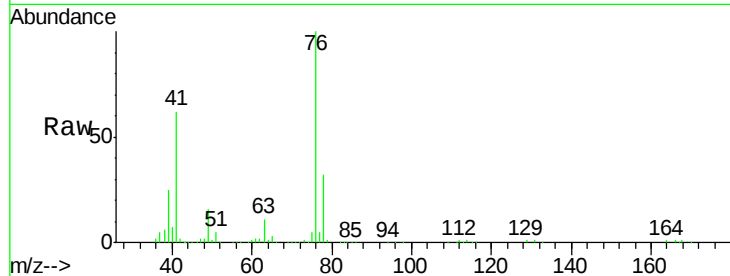
#57
 1,3-Dichloropropane
 Concen: 50.192 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 204906
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.2

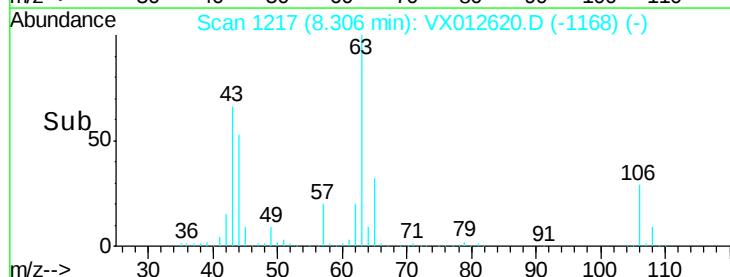
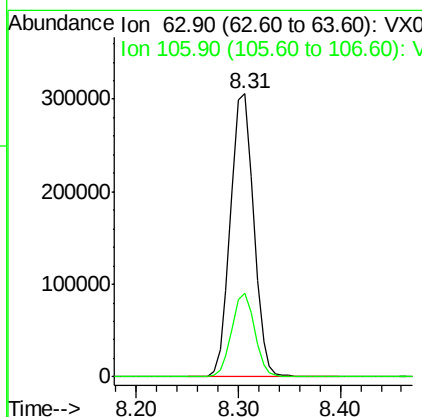
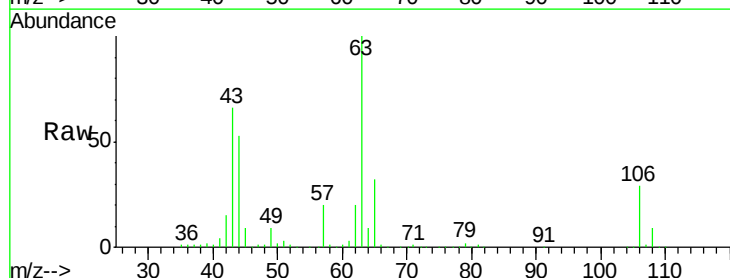
Manual Integrations
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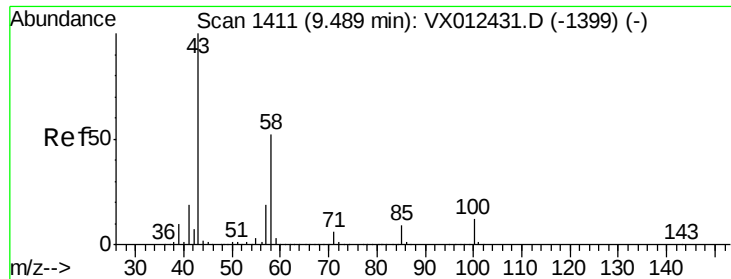
MMDadoda
 9/25/2019 9:29:42 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.089 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion: 63 Resp: 482129
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.8 35.6





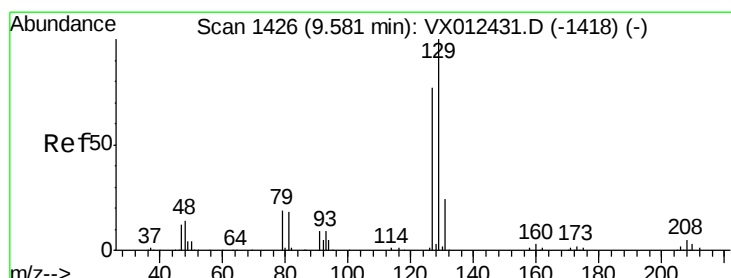
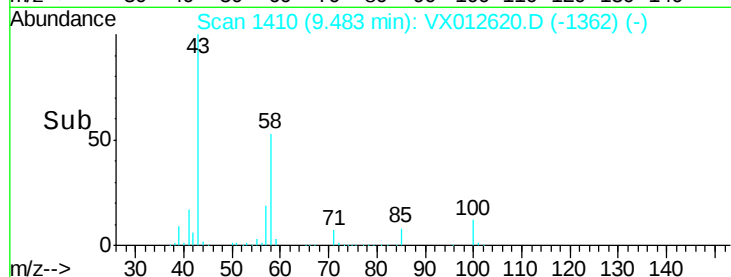
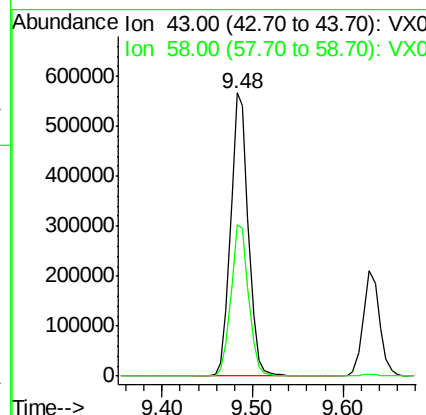
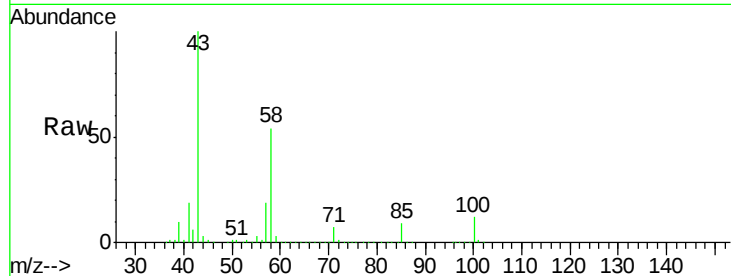
#59
2-Hexanone
Concen: 265.935 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 779415
Ion Ratio Lower Upper
43 100
58 53.8 25.7 77.1

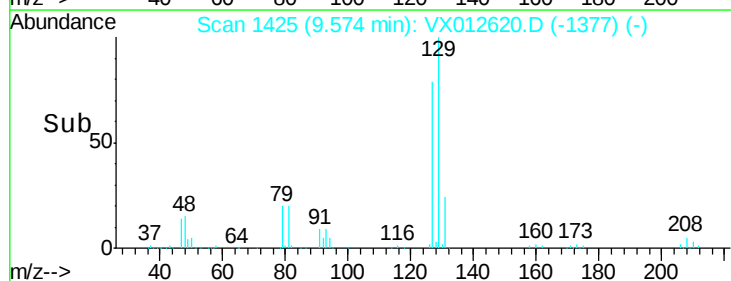
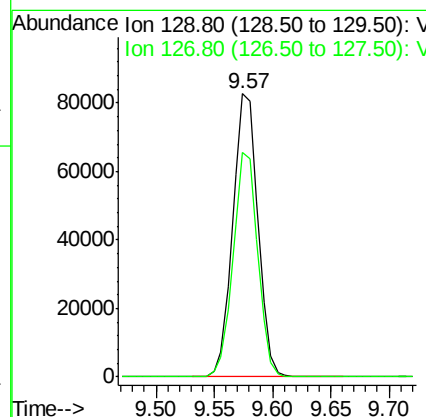
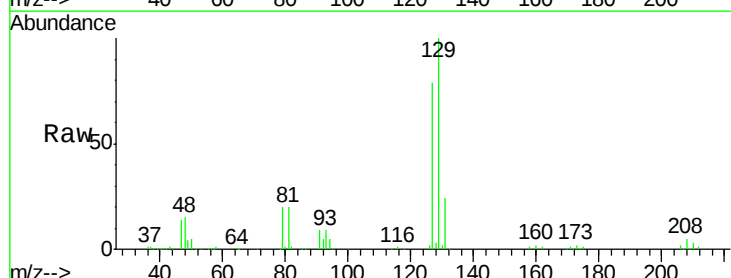
Manual Integrations
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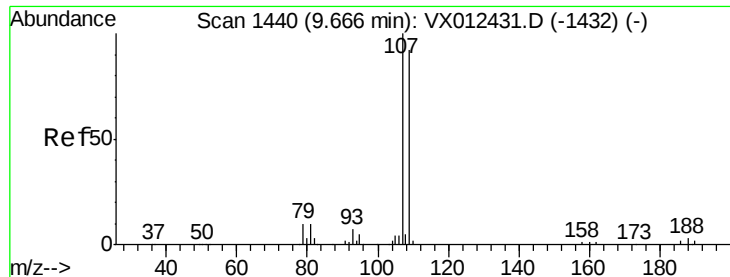
MMDadoda
9/25/2019 9:29:42 AM



#60
Dibromochloromethane
Concen: 52.561 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion: 129 Resp: 124110
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.666 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 107 Resp: 125423

Ion Ratio Lower Upper

107 100

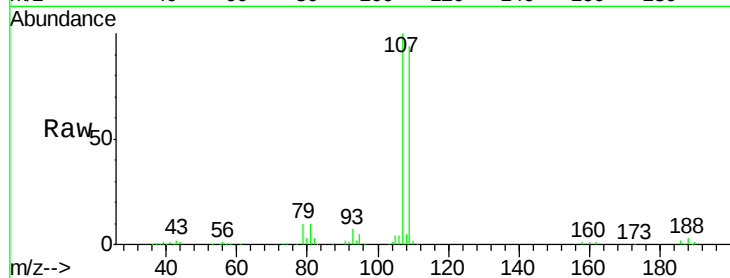
109 93.2 74.7 112.1

Manual Integrations

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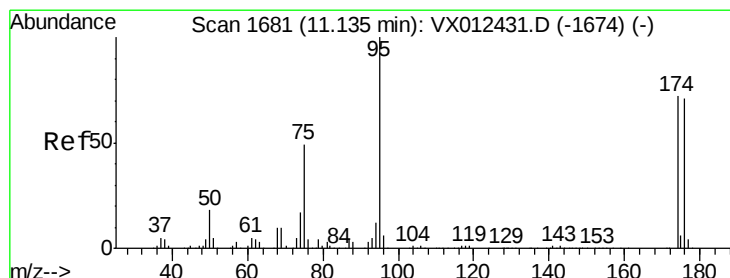
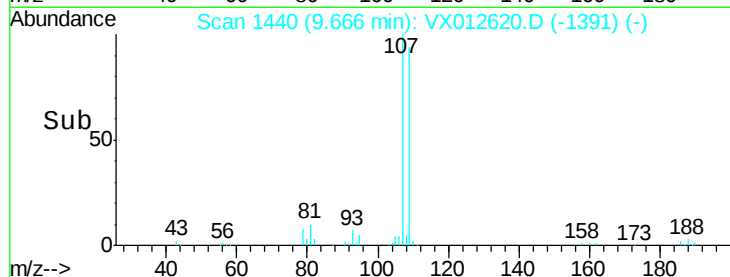
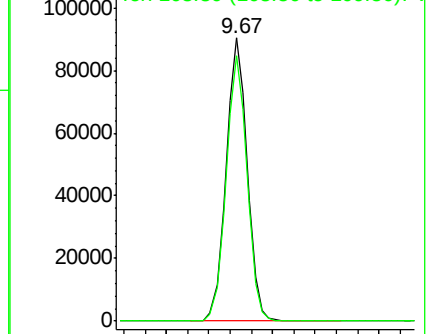
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.092 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

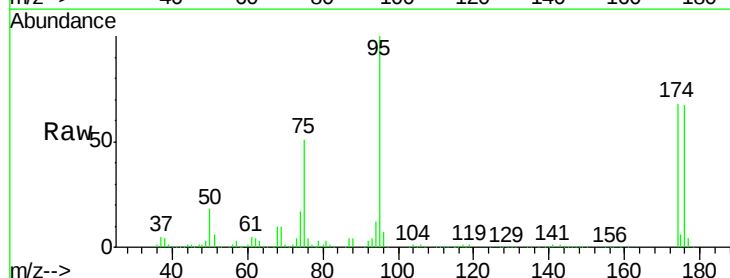
Tgt Ion: 95 Resp: 154626

Ion Ratio Lower Upper

95 100

174 65.7 0.0 140.0

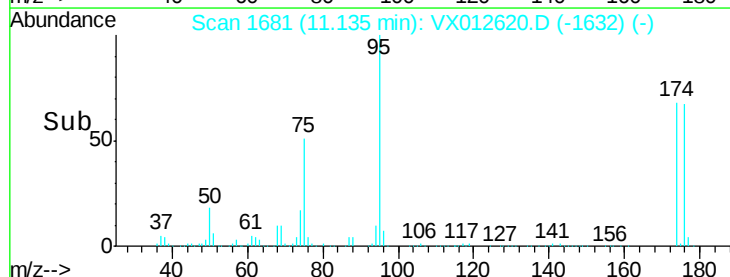
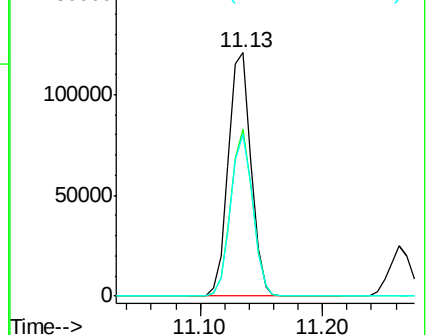
176 65.0 0.0 135.4

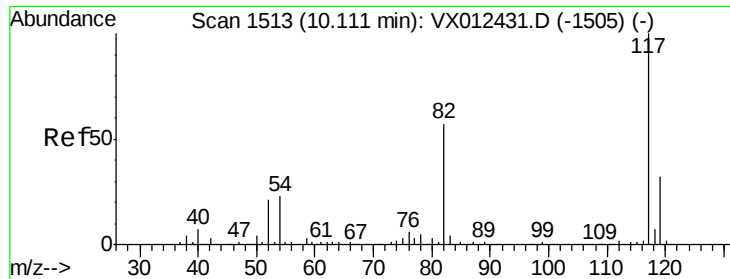


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





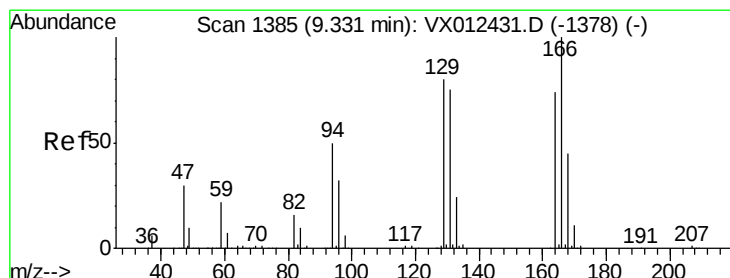
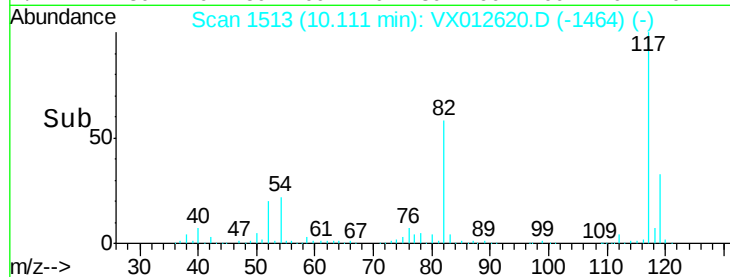
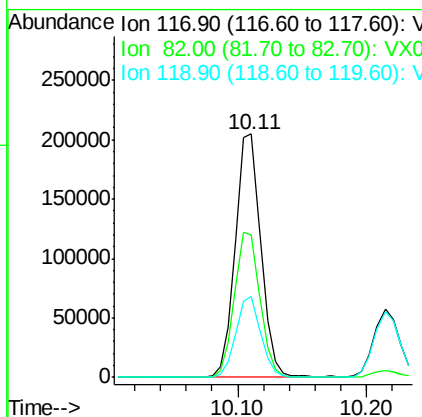
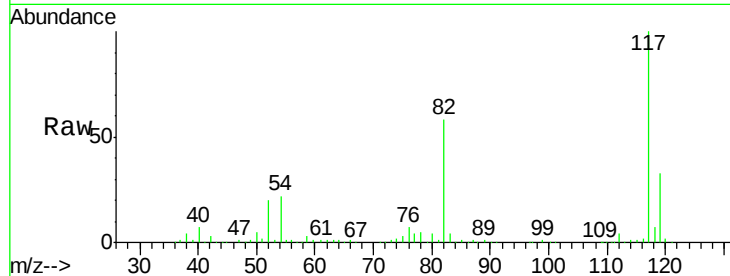
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	284569		
82	58.4	45.9	68.9	
119	33.1	25.3	37.9	

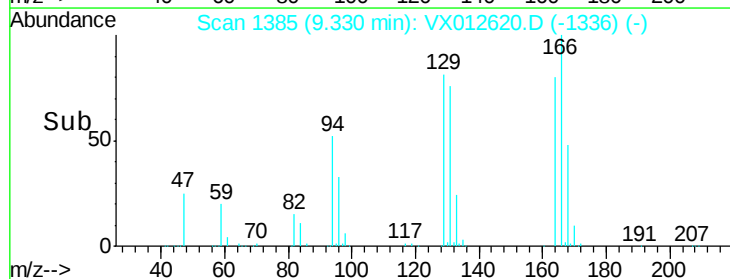
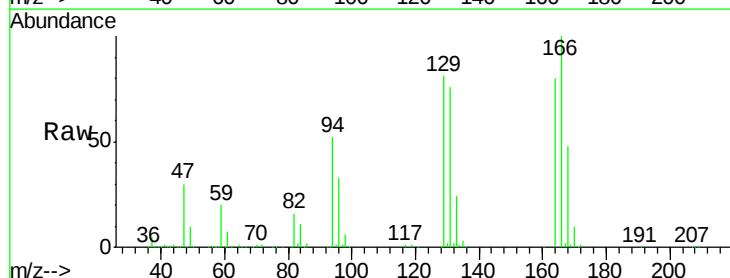
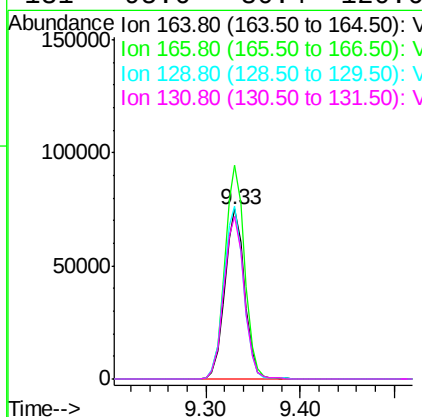
Manual Integrations
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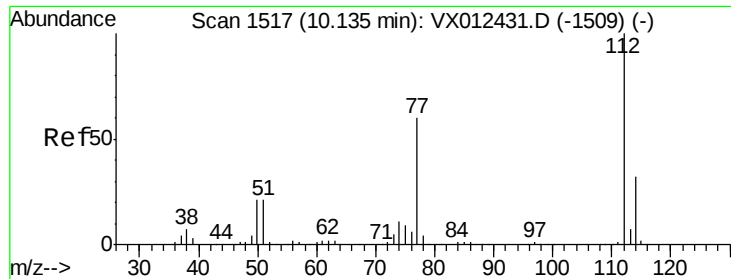
MMDadoda
9/25/2019 9:29:42 AM



#64
Tetrachloroethene
Concen: 54.713 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108555		
166	125.6	107.8	161.6	
129	101.3	86.2	129.2	
131	95.6	80.4	120.6	





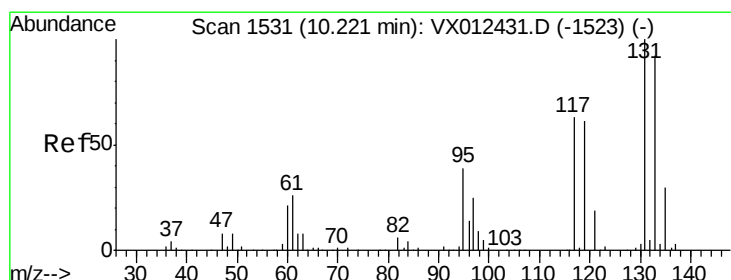
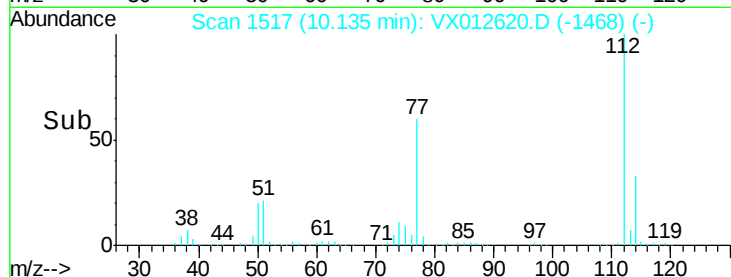
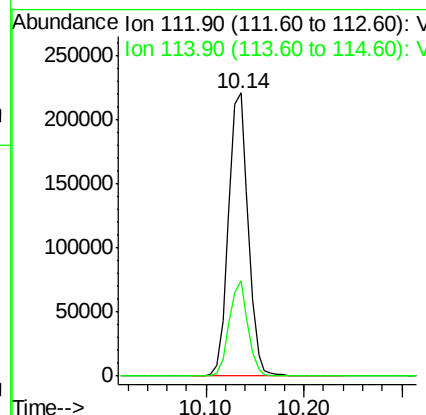
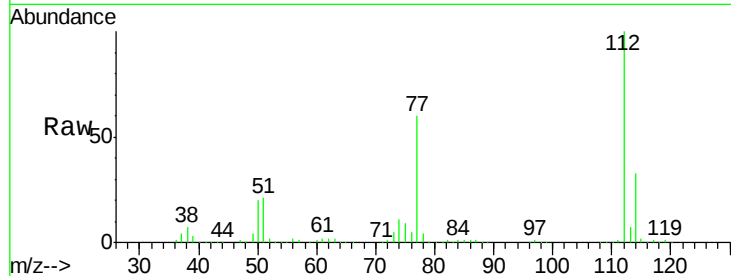
#65
Chlorobenzene
Concen: 51.473 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 308452
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.0

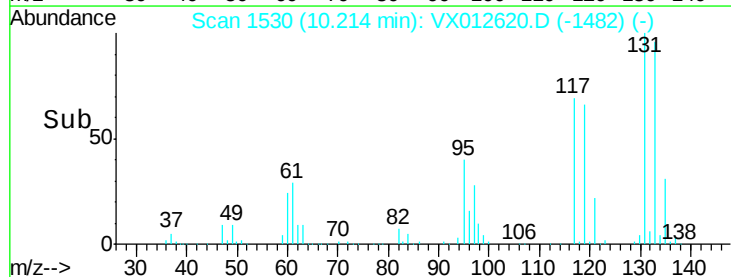
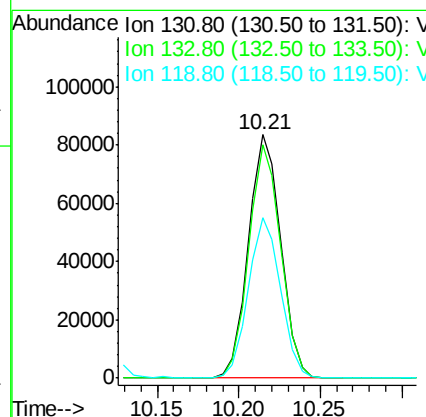
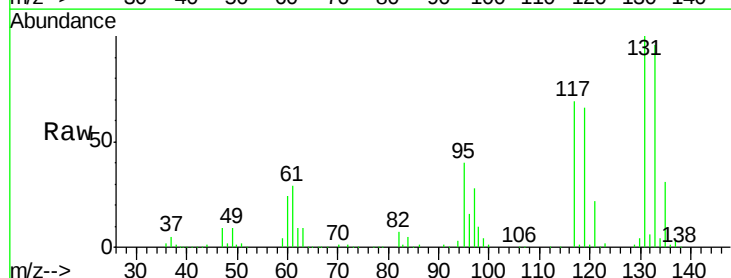
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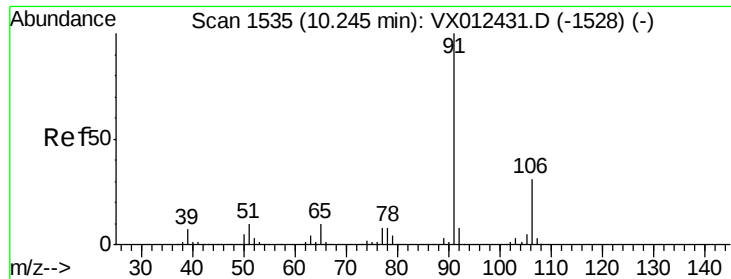
MMDadoda
9/25/2019 9:29:42 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.238 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion:131 Resp: 115591
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 65.3 31.3 93.8





#67

Ethyl Benzene

Concen: 53.352 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 579868

Ion Ratio Lower Upper

91 100

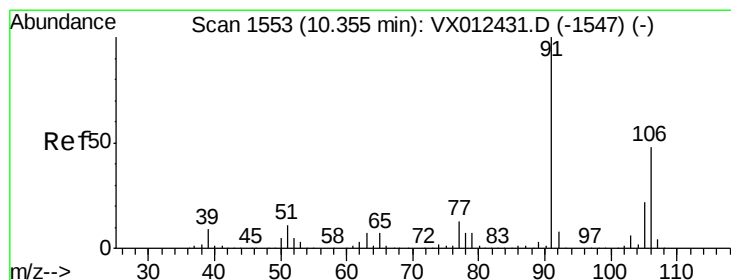
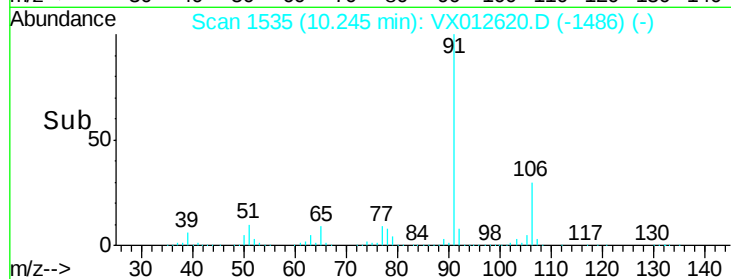
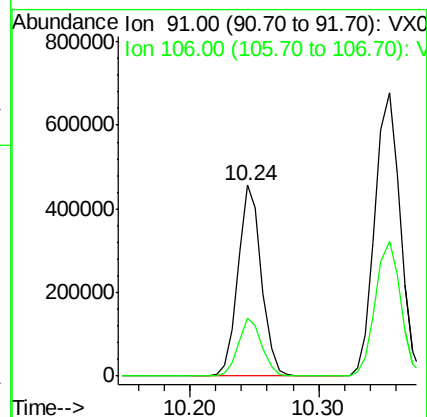
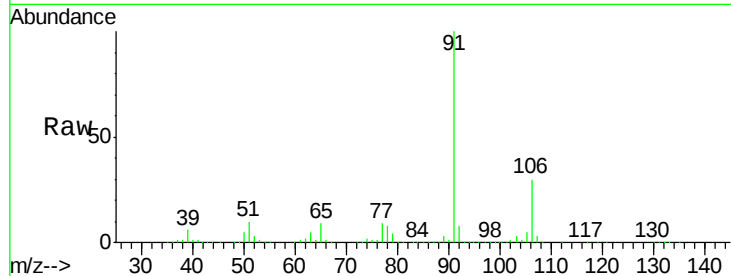
106 30.2 24.6 37.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 106.403 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012620.D

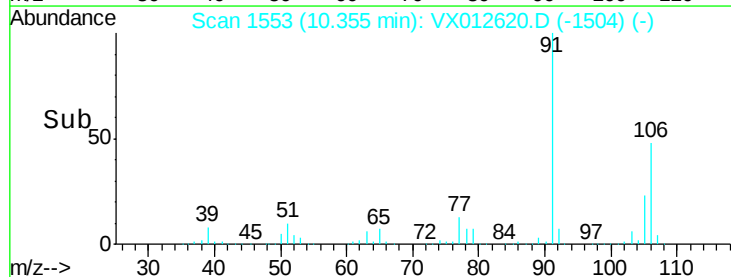
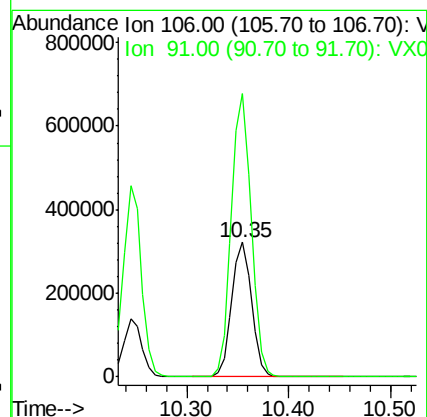
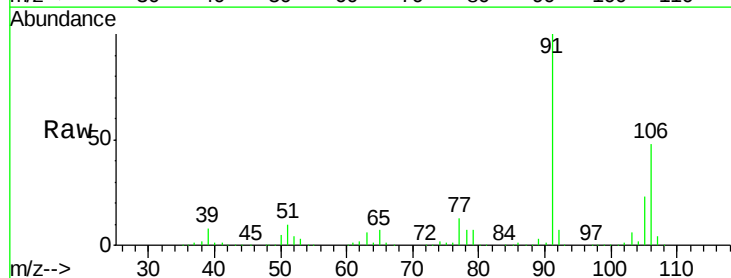
Acq: 24 Sep 2019 09:59

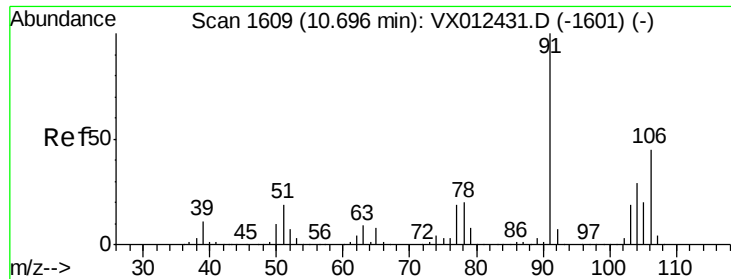
Tgt Ion:106 Resp: 433211

Ion Ratio Lower Upper

106 100

91 210.2 166.6 250.0





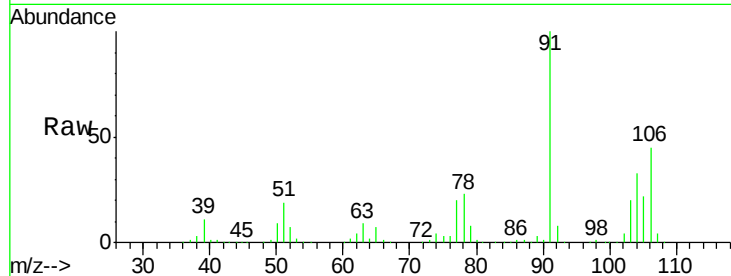
#69
o-Xylene
Concen: 53.320 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

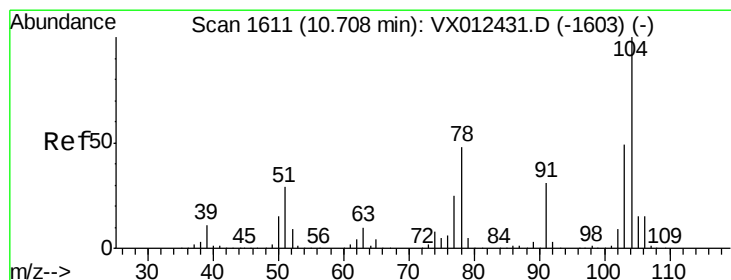
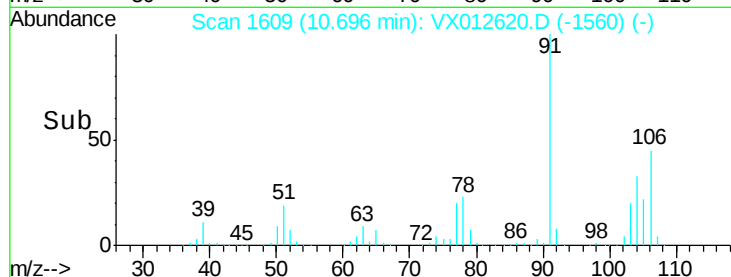
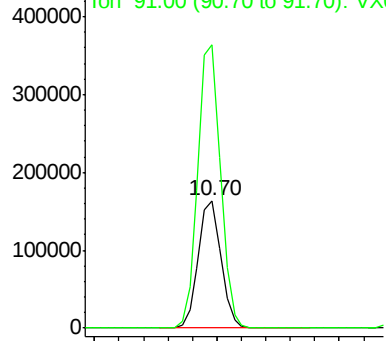
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		210059		
91	222.6	109.4	328.2		

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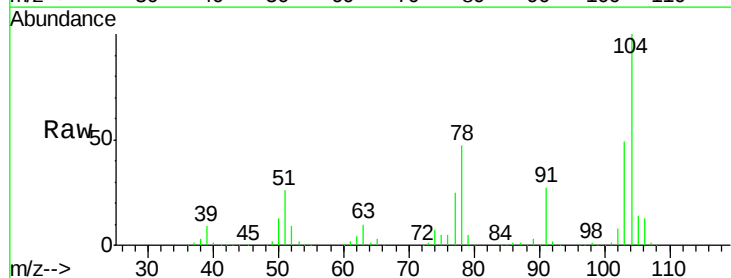


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

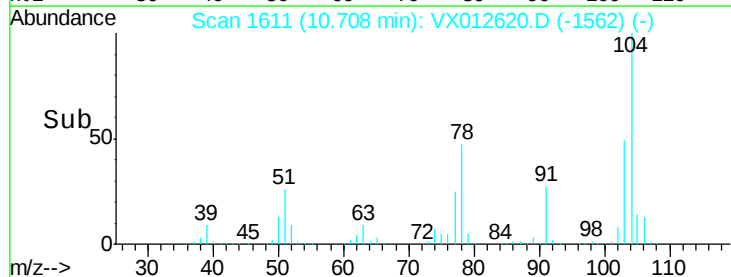
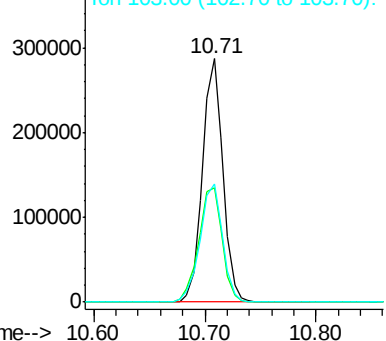


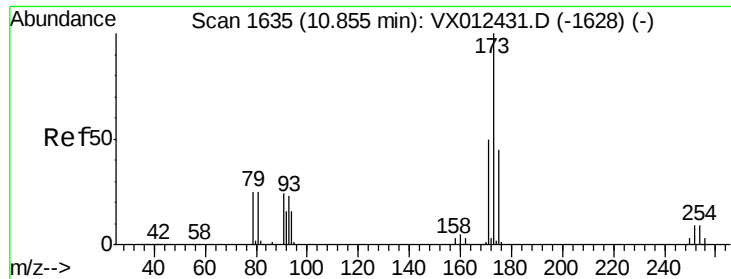
#70
Styrene
Concen: 54.968 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		363030		
78	54.3	43.4	65.2		
103	53.7	43.3	64.9		



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.843 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 82913

Ion Ratio Lower Upper

173 100

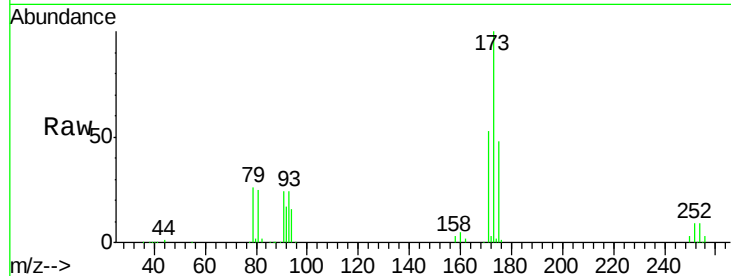
175 48.1 23.7 71.1

254 0.2 0.1 0.1#

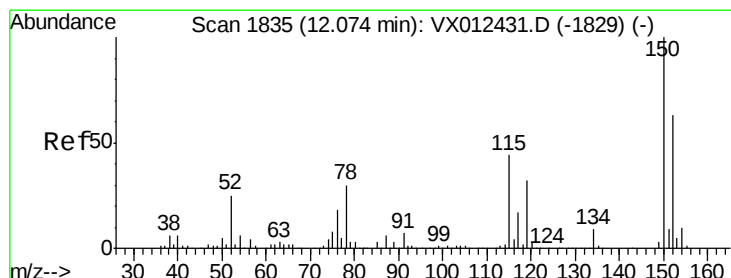
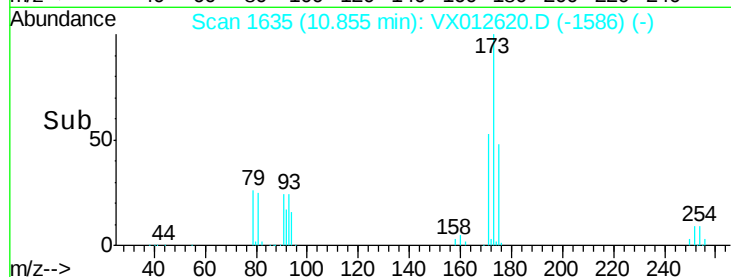
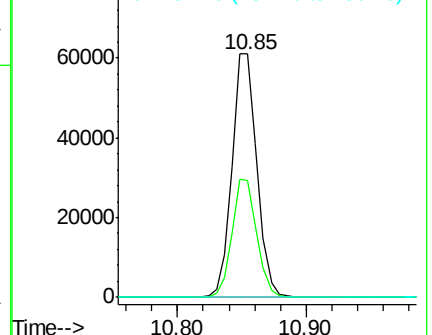
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

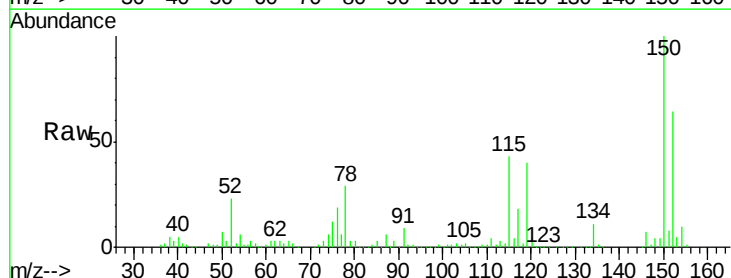
Tgt Ion:152 Resp: 137233

Ion Ratio Lower Upper

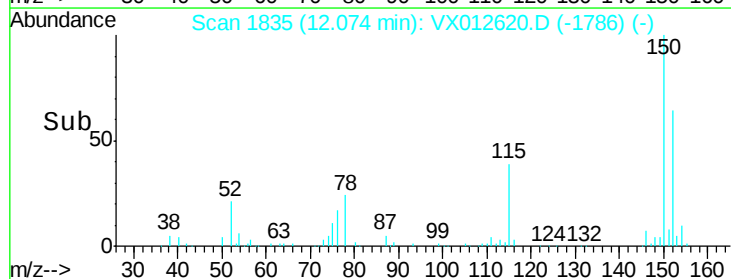
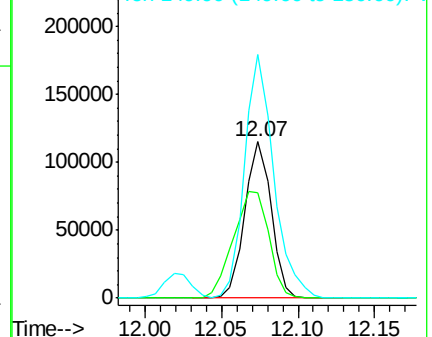
152 100

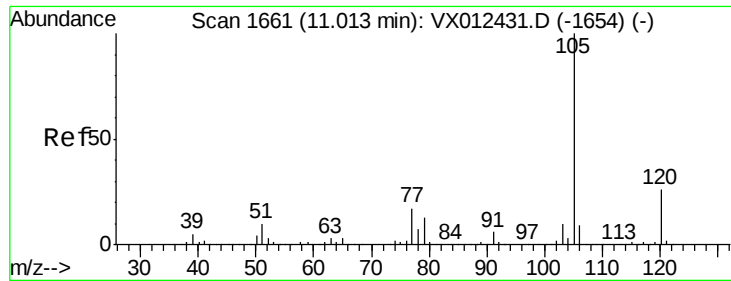
115 91.6 44.1 132.3

150 173.3 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





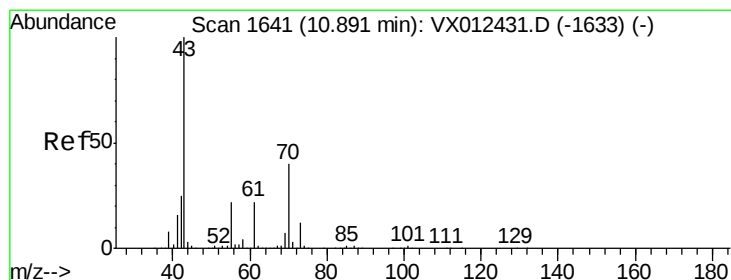
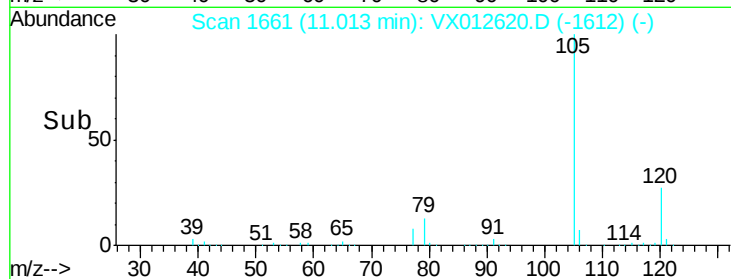
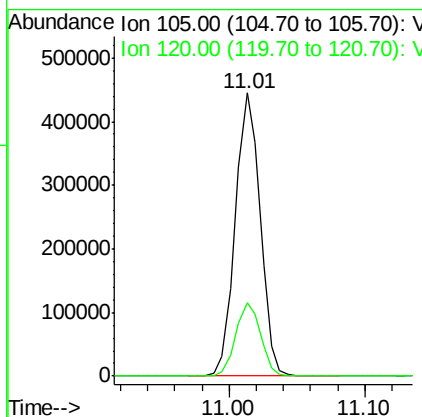
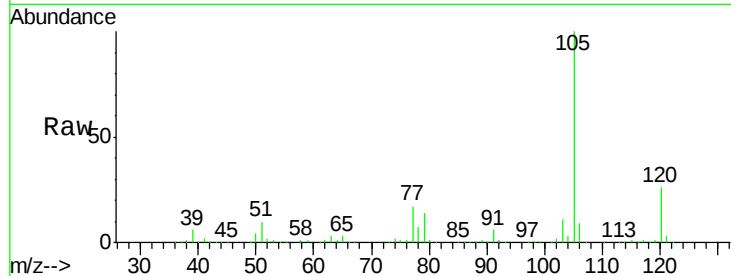
#73
Isopropylbenzene
Concen: 50.612 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 565700
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7

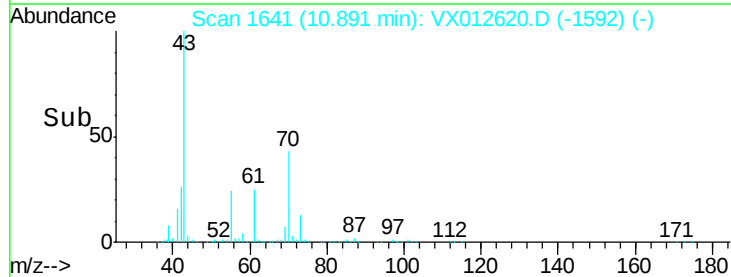
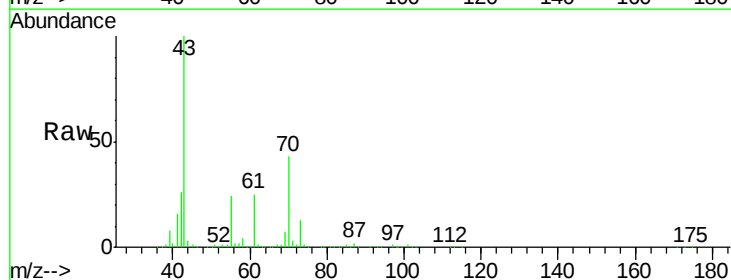
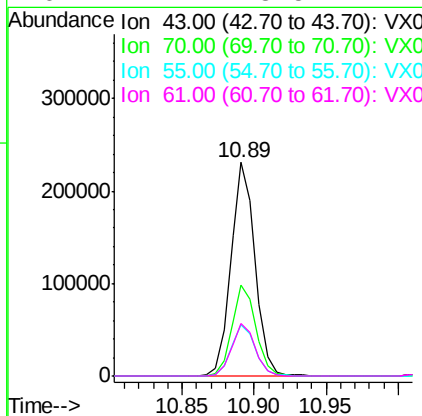
Manual Integrations
APPROVED

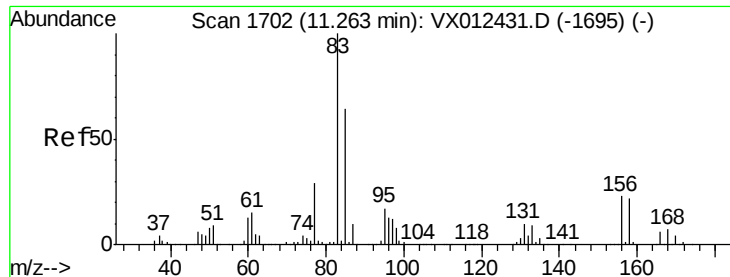
MMDadoda
9/25/2019 9:29:42 AM



#74
N-ethyl acetate
Concen: 50.929 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion: 43 Resp: 271567
Ion Ratio Lower Upper
43 100
70 42.5 32.4 48.6
55 23.9 18.2 27.4
61 24.1 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.025 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

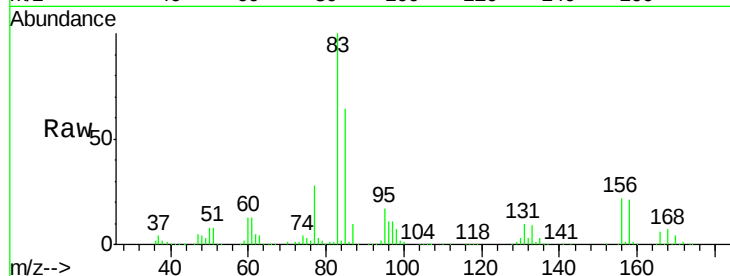
ClientSampleId :

VSTDCCC050

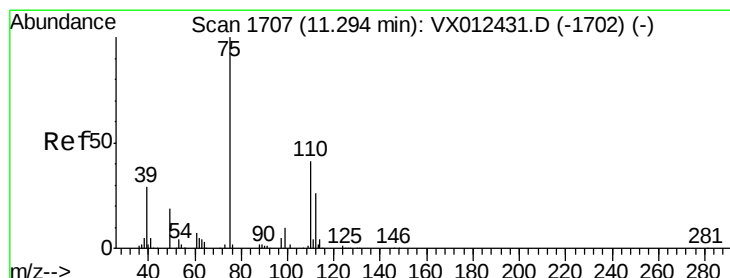
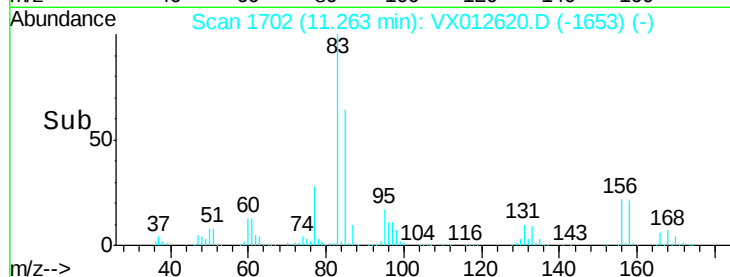
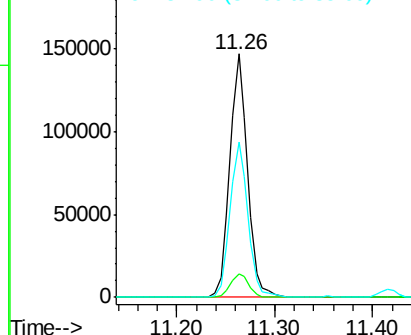
Tot Ion:	83	Resp:	185177
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.2	15.6
85	64.8	32.0	96.0

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.642 ug/l m

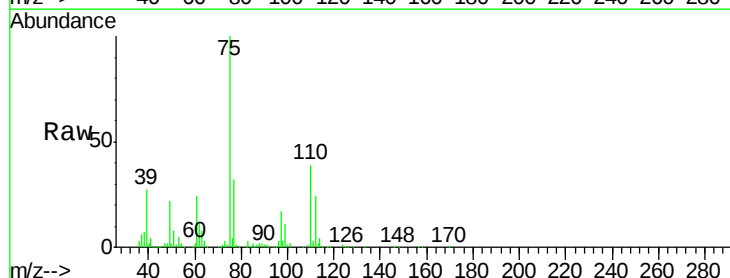
RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

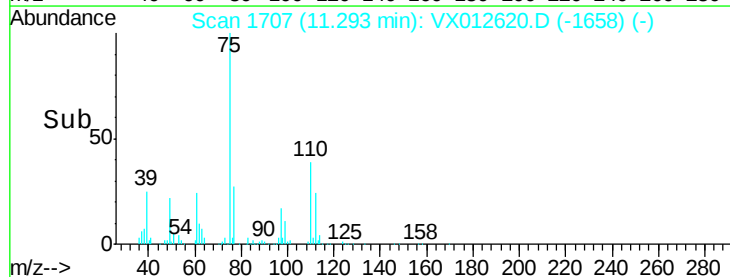
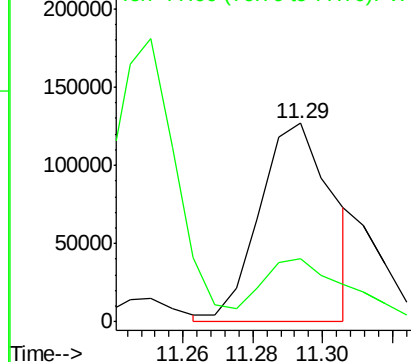
Lab File: VX012620.D

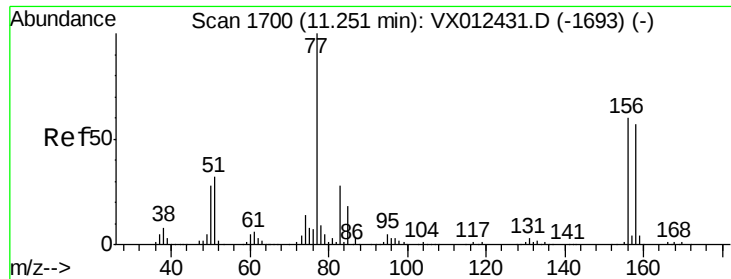
Acq: 24 Sep 2019 09:59

Tgt Ion:	75	Resp:	183838
Ion Ratio	Lower	Upper	
75	100		
77	37.8	19.7	59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.060 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

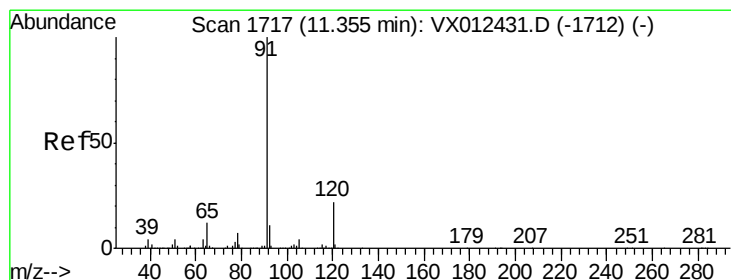
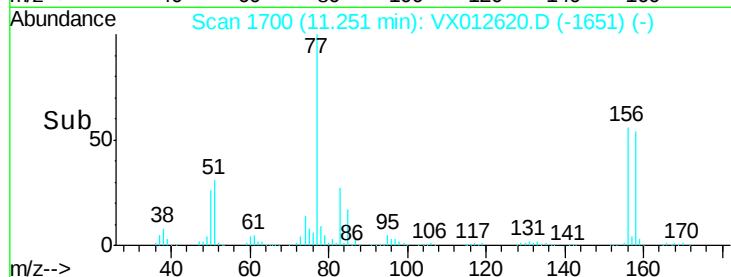
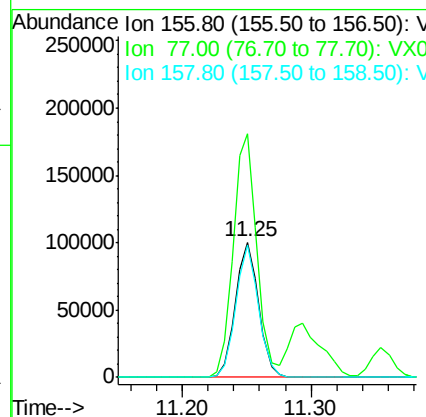
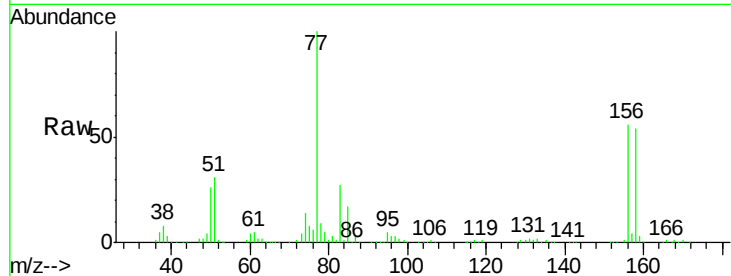
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	126638
Ion Ratio	Lower	Upper	
156	100		
77	183.7	87.3	261.8
158	95.2	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 51.245 ug/l

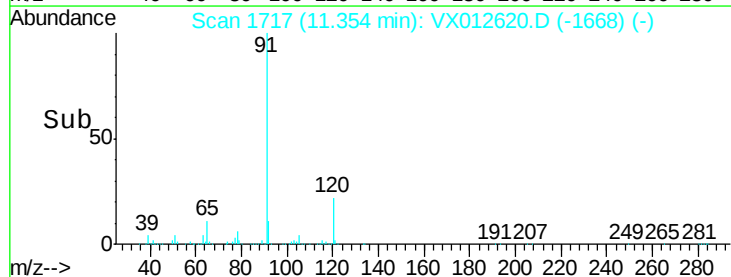
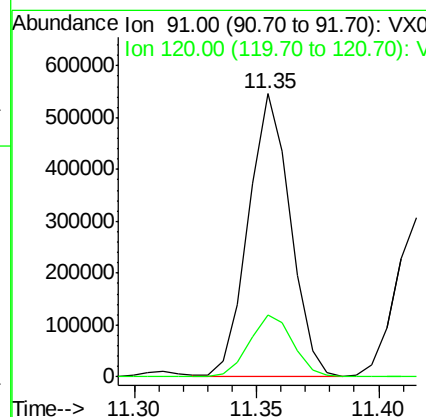
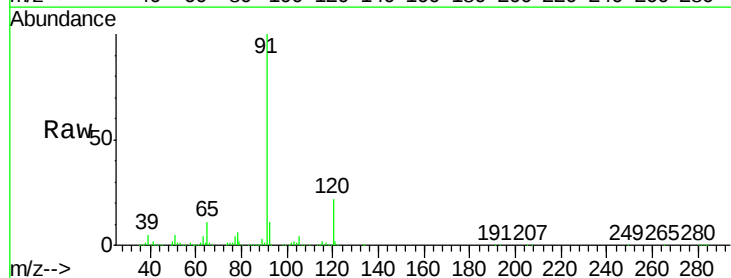
RT: 11.35 min Scan# 1717

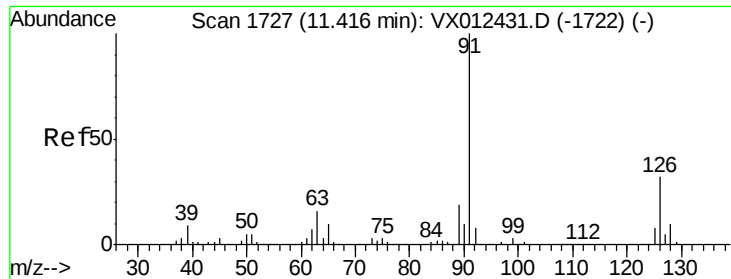
Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Tgt Ion:	91	Resp:	644849
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.3	33.8





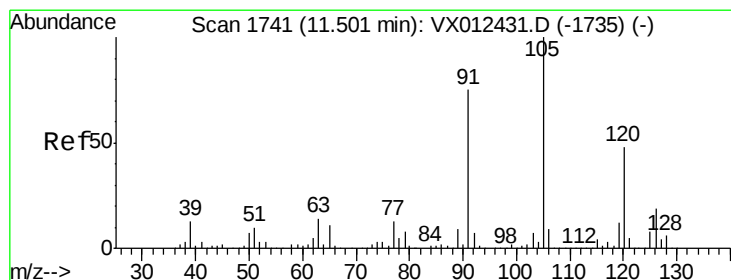
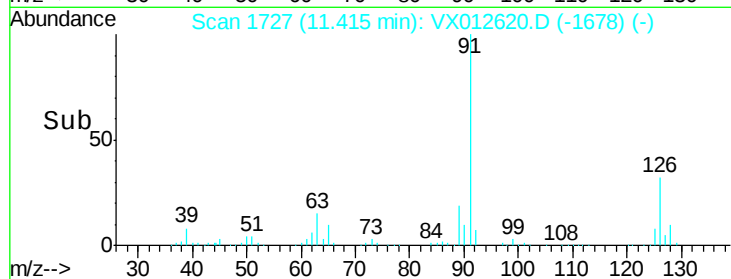
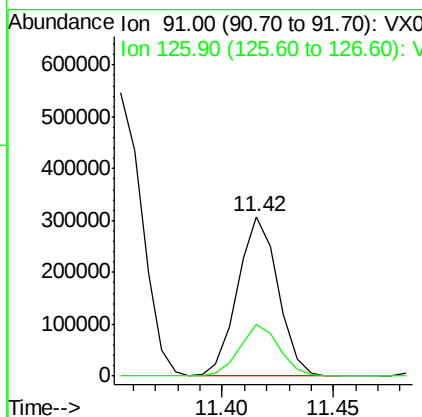
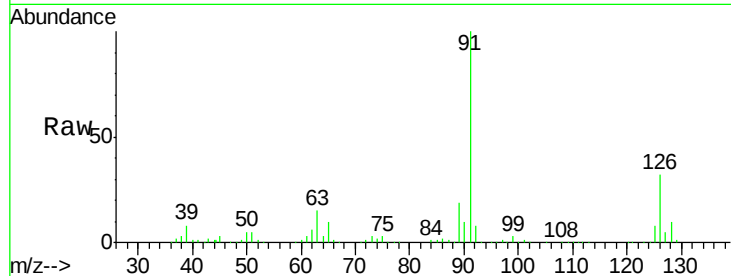
#79
 2-Chlorotoluene
 Concen: 49.201 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 386220
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.4 49.4

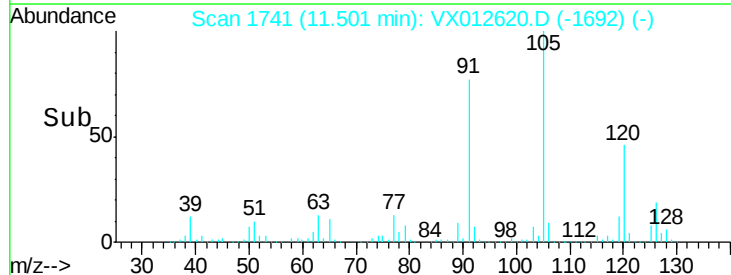
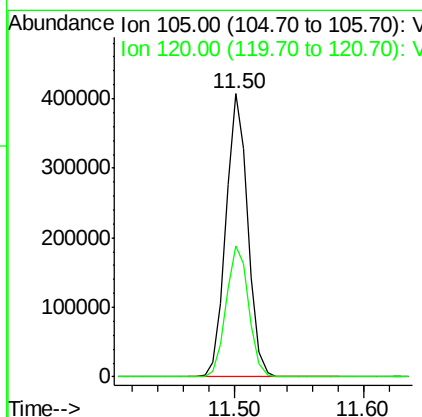
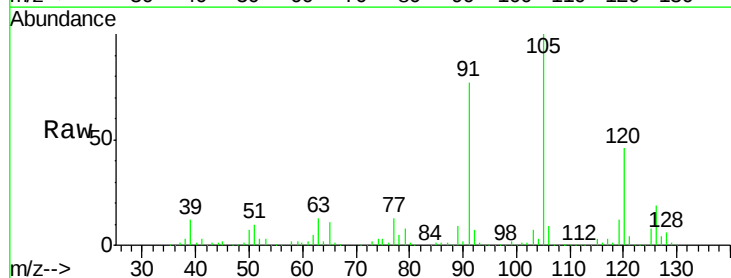
Manual Integrations
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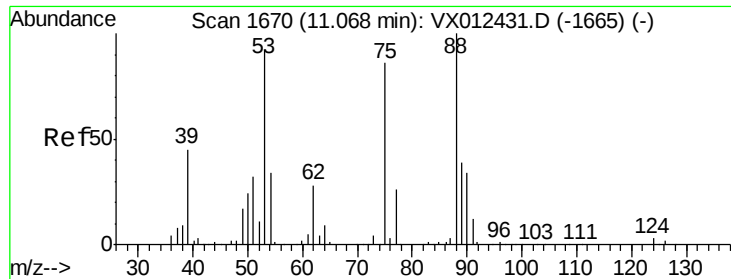
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.694 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion: 105 Resp: 484531
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8





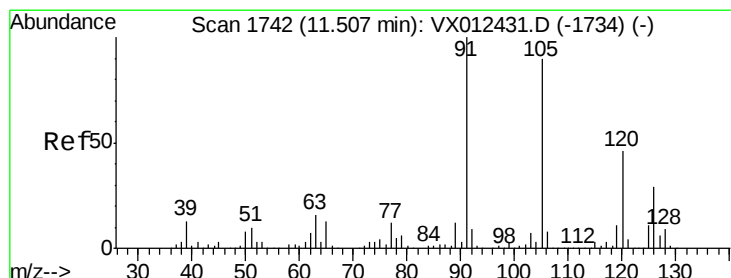
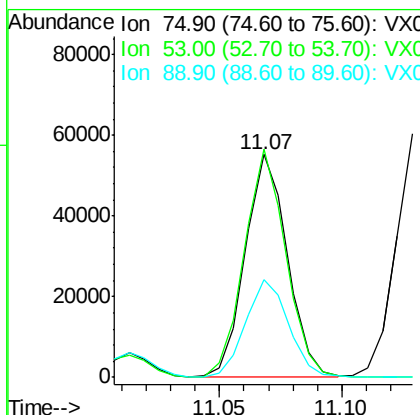
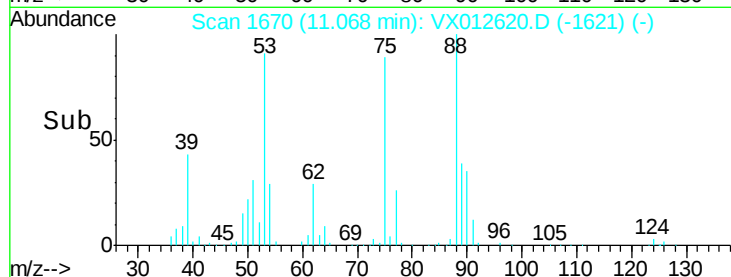
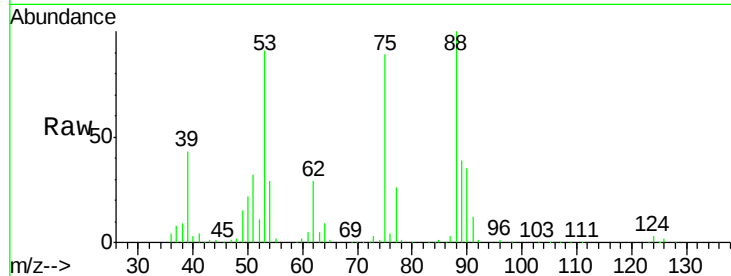
#81
trans-1,4-Dichloro-2-butene
Concen: 51.897 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.2	83.6	125.4
89	44.9	36.3	54.5

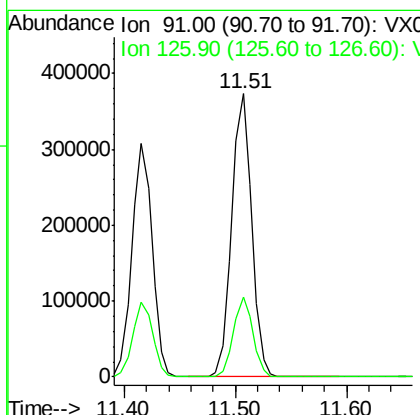
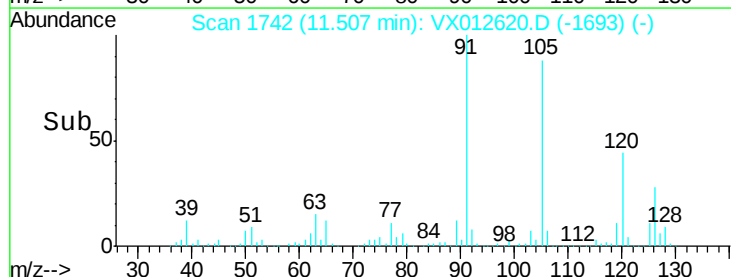
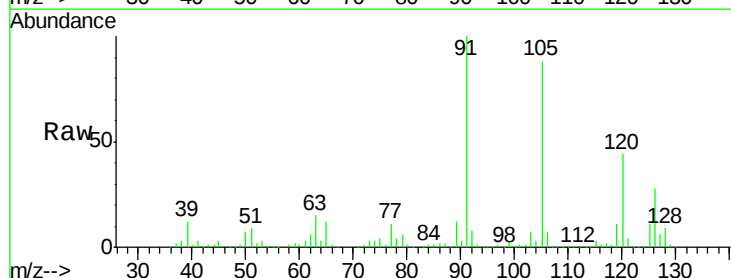
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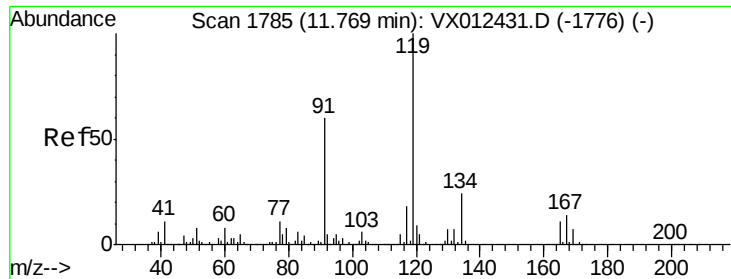
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#82
4-Chlorotoluene
Concen: 51.876 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.4	14.4	43.0





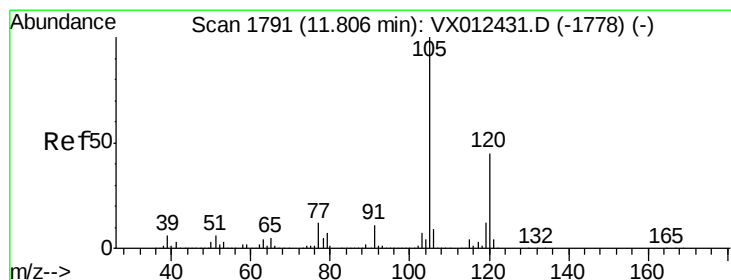
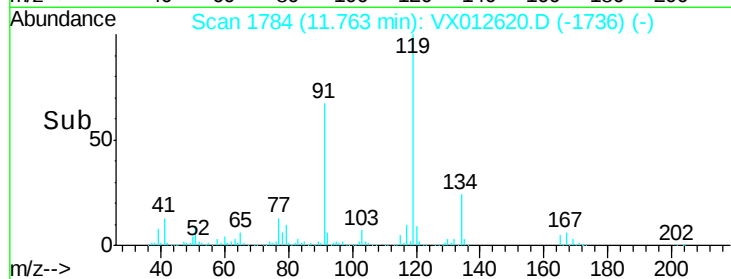
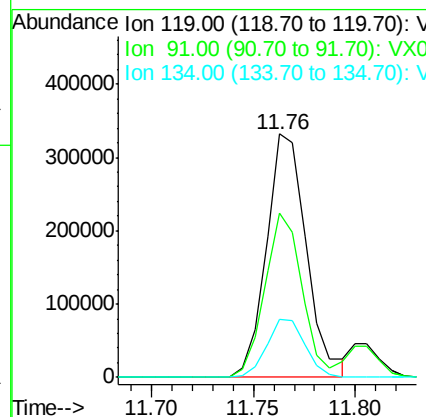
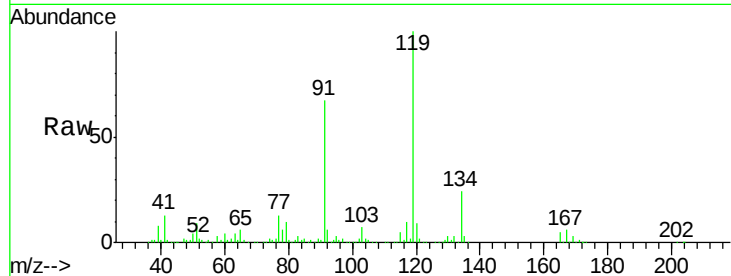
#83
 tert-Butylbenzene
 Concen: 50.259 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	30.0	90.0
134	22.9	11.3	33.9

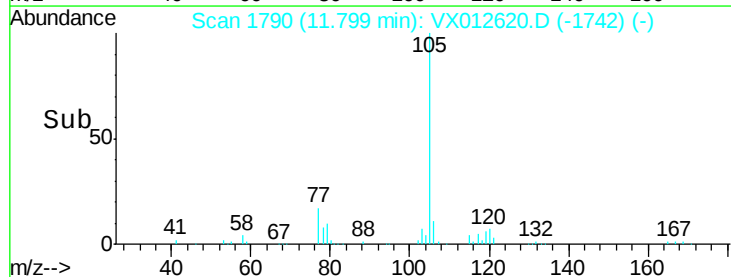
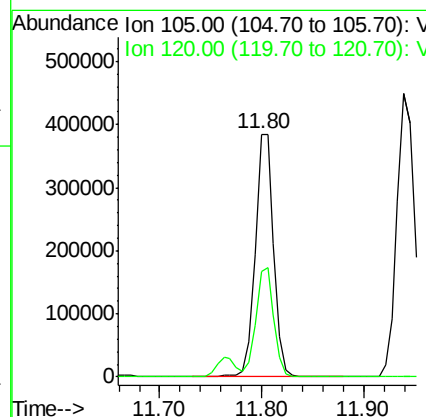
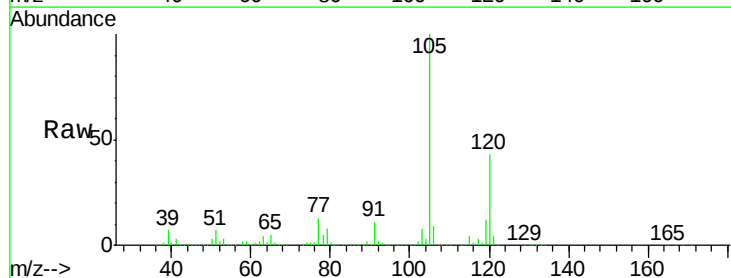
Manual Integrations
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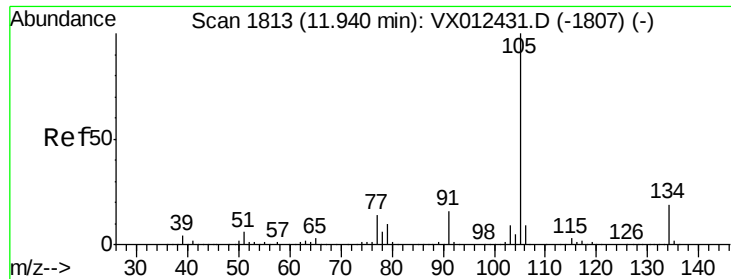
MMDadoda
 9/25/2019 9:29:42 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.392 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.2	66.6





#85

sec-Butylbenzene

Concen: 51.972 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 546557

Ion Ratio Lower Upper

105 100

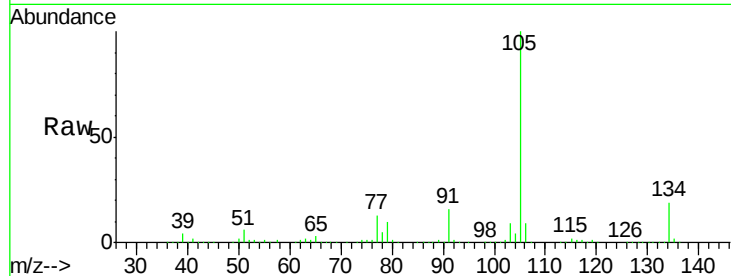
134 19.3 9.8 29.4

Manual Integrations

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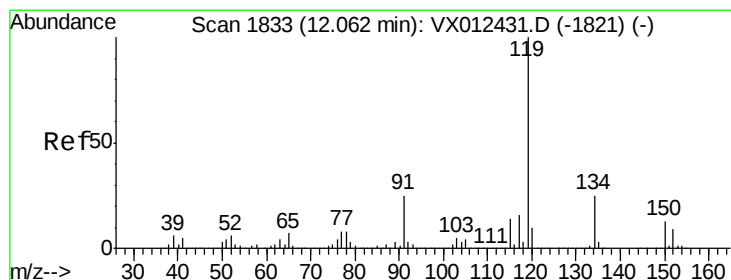
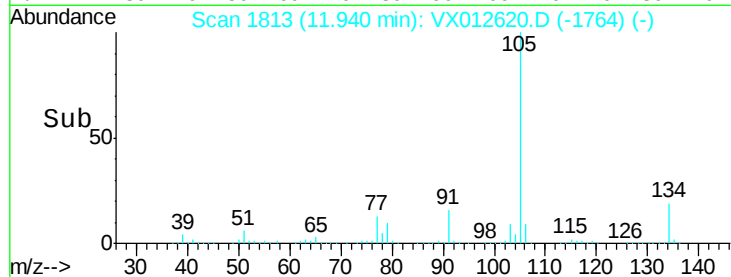
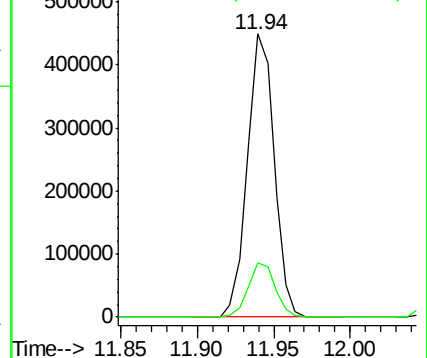
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.673 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

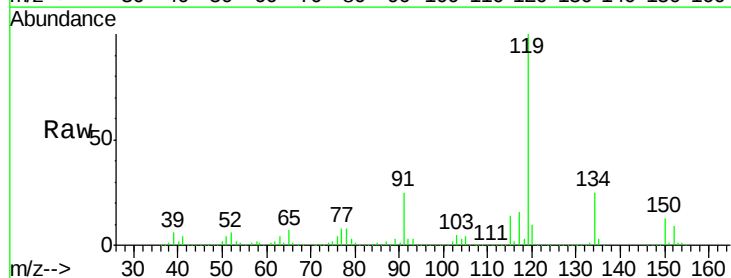
Tgt Ion:119 Resp: 509302

Ion Ratio Lower Upper

119 100

134 24.8 12.7 38.1

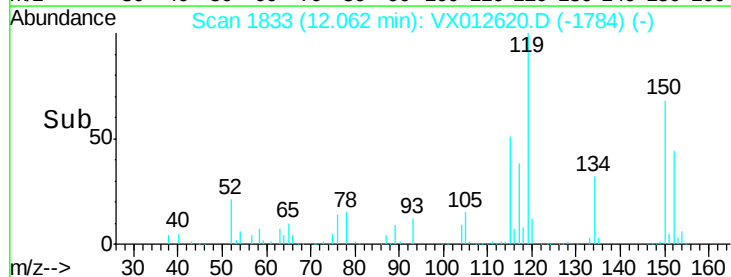
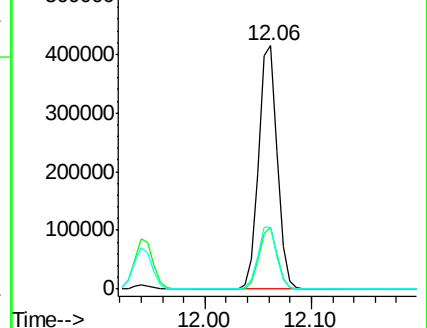
91 25.8 12.8 38.4

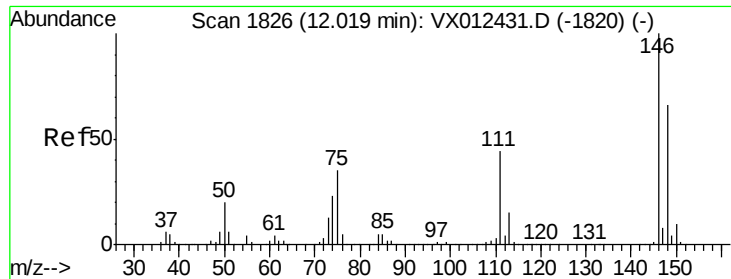


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.160 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

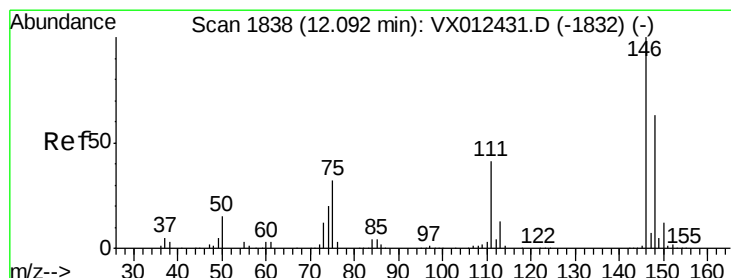
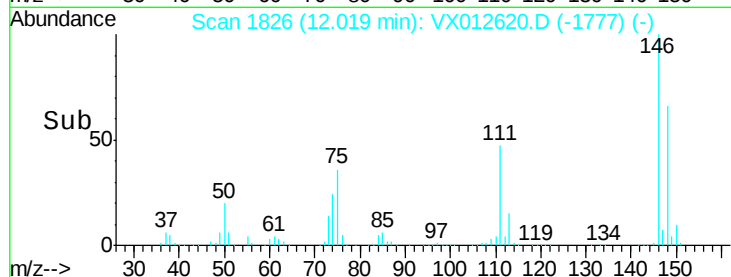
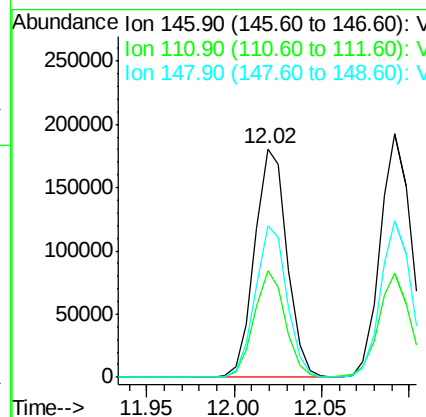
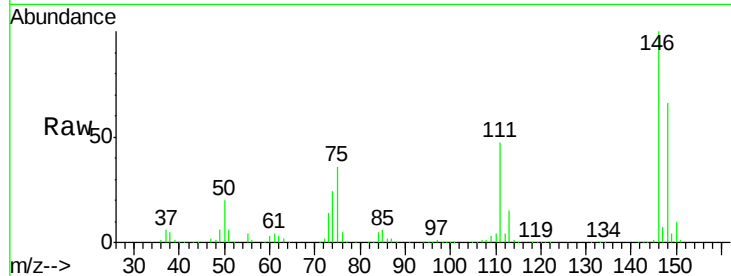
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	232906
Ion Ratio	Lower	Upper	
146	100		
111	44.6	21.3	64.0
148	64.4	32.4	97.2

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#88

1,4-Dichlorobenzene

Concen: 51.474 ug/l

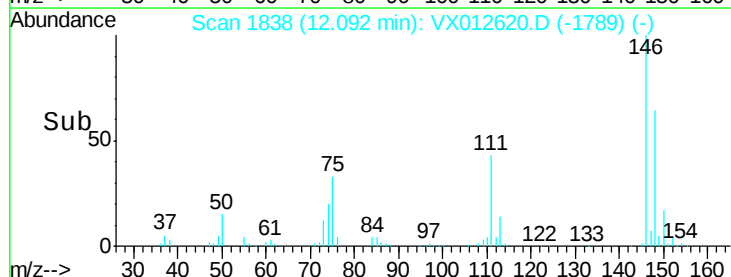
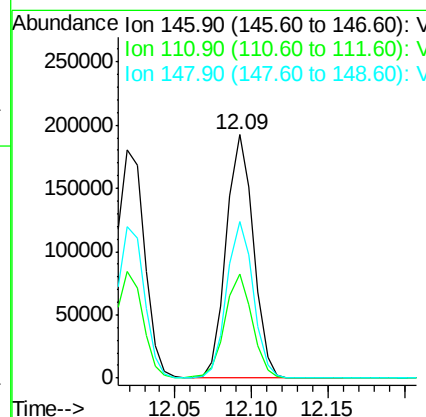
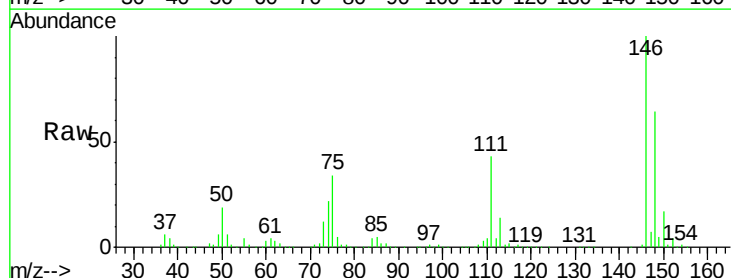
RT: 12.09 min Scan# 1838

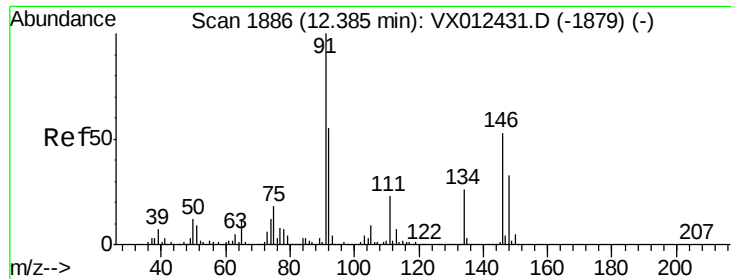
Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Tgt Ion:	146	Resp:	236794
Ion Ratio	Lower	Upper	
146	100		
111	42.8	21.1	63.3
148	63.5	32.1	96.5





#89

n-Butylbenzene

Concen: 52.344 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

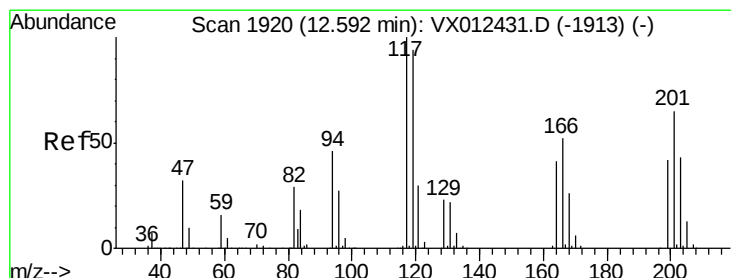
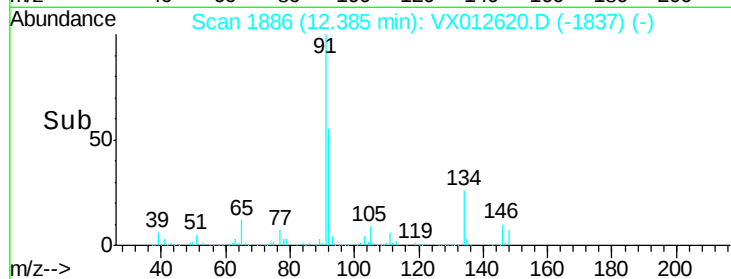
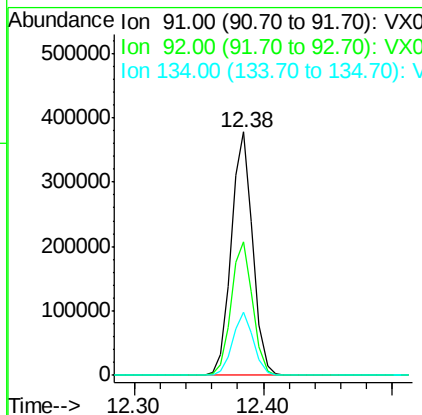
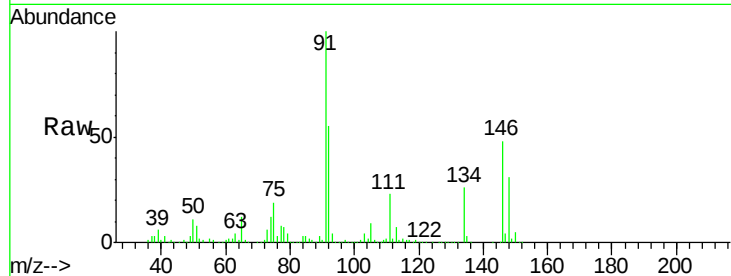
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	437682
Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.7	83.0
134	25.2	12.9	38.6

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#90

Hexachloroethane

Concen: 51.116 ug/l

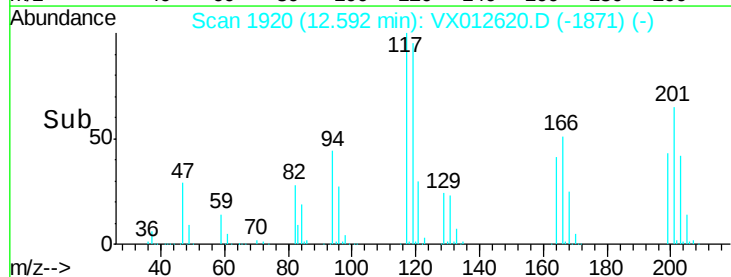
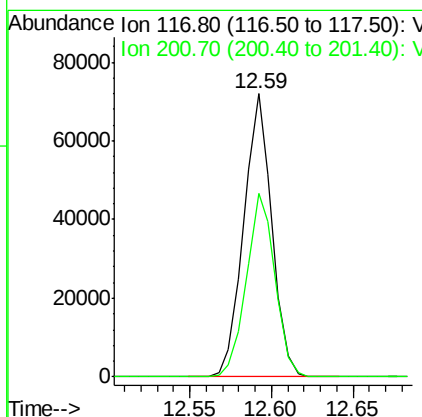
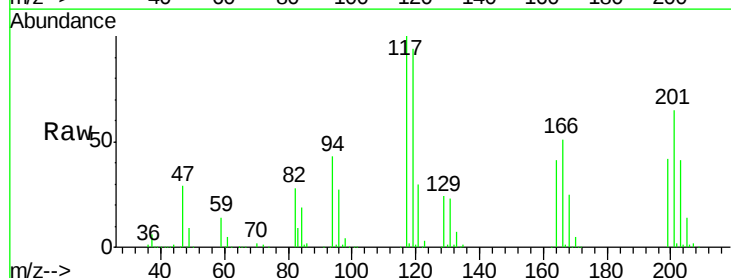
RT: 12.59 min Scan# 1920

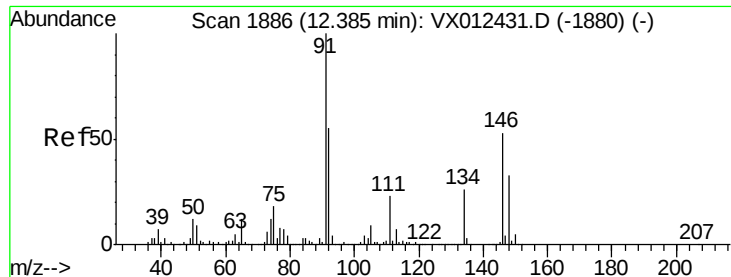
Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Tgt Ion:	117	Resp:	86474
Ion	Ratio	Lower	Upper
117	100		
201	65.9	33.3	99.8





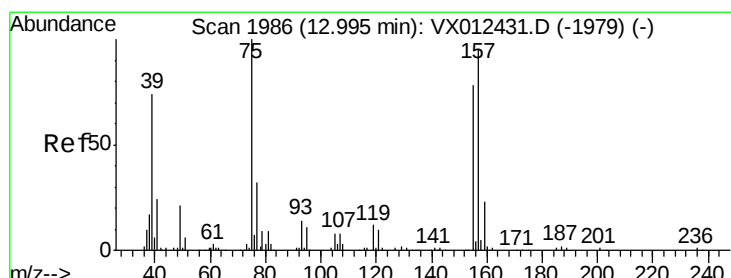
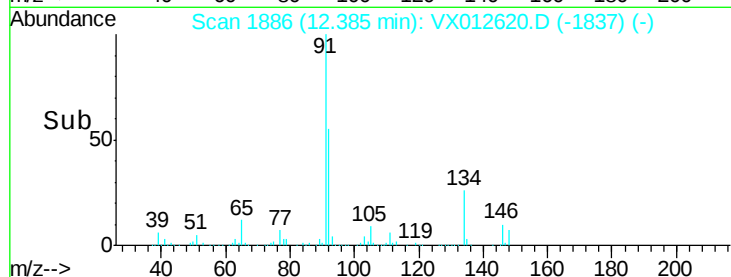
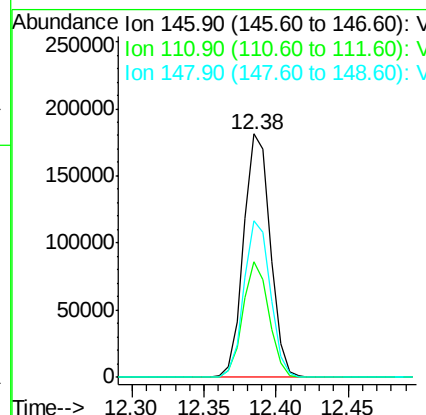
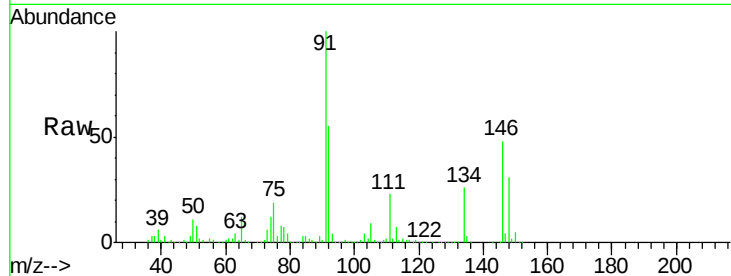
#91
 1,2-Dichlorobenzene
 Concen: 51.167 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	233206		
111	46.1	22.1	66.1	
148	63.7	31.3	93.9	

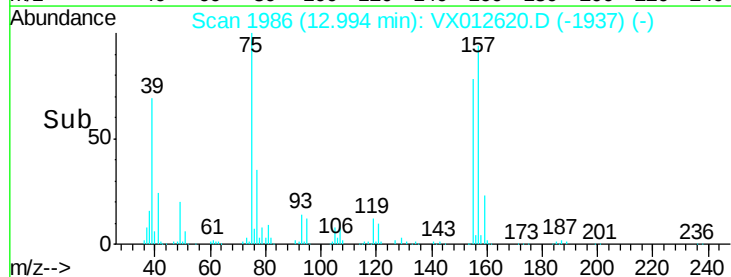
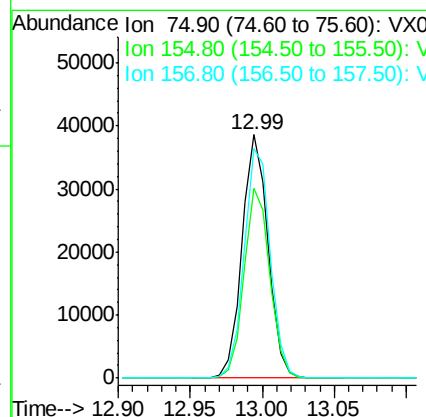
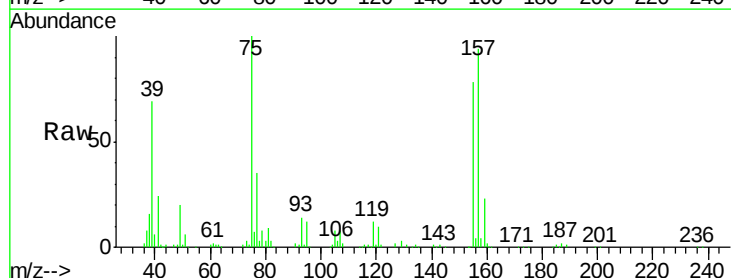
Manual Integrations
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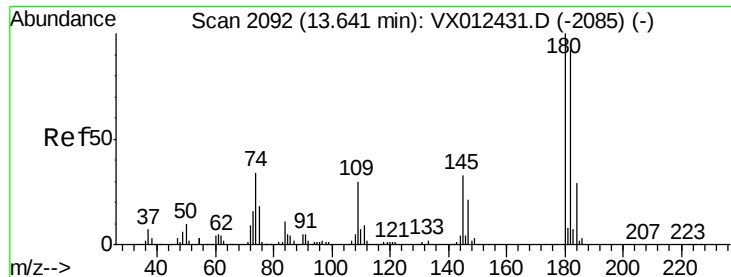
MMDadoda
 9/25/2019 9:29:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.983 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012620.D
 Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48135		
155	77.3	38.6	115.8	
157	94.9	50.6	151.9	





#93

1,2,4-Trichlorobenzene

Concen: 52.706 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Instrument :

MSVOA_X

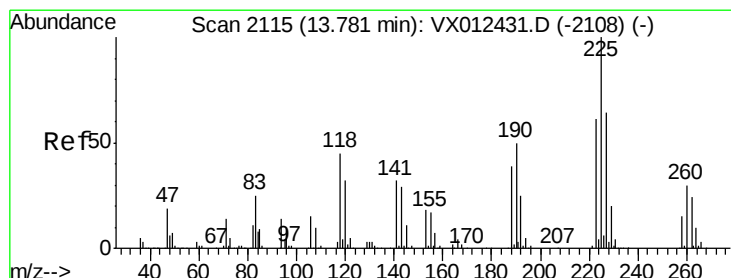
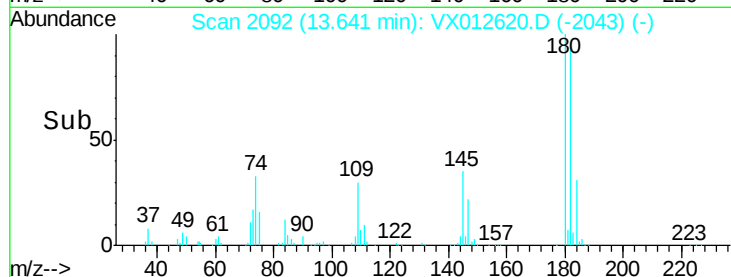
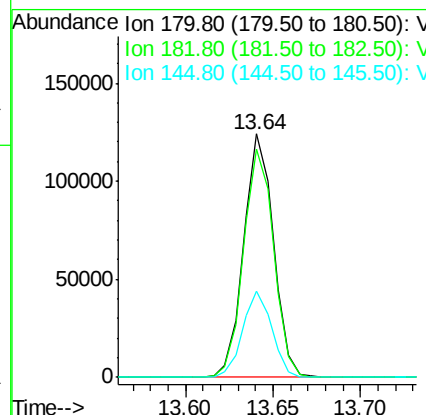
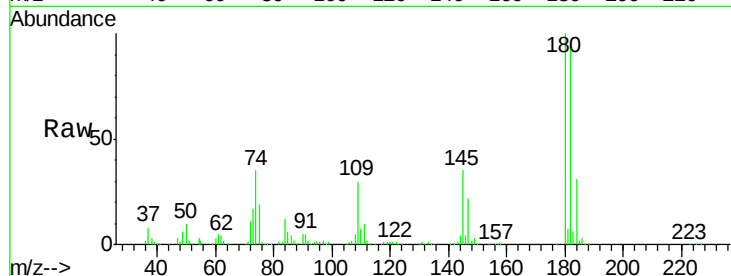
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	146498
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.0	141.0
145	34.7	16.8	50.4

Manual Integrations
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9/25/2019 9:29:42 AM



#94

Hexachlorobutadiene

Concen: 54.871 ug/l

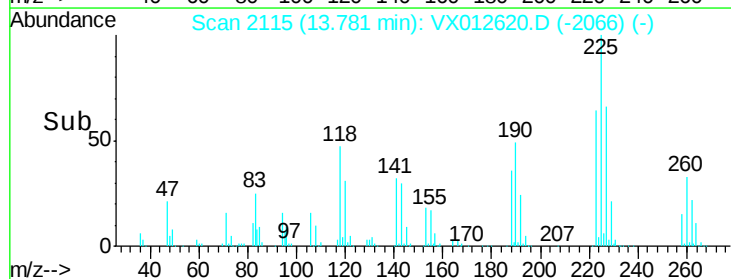
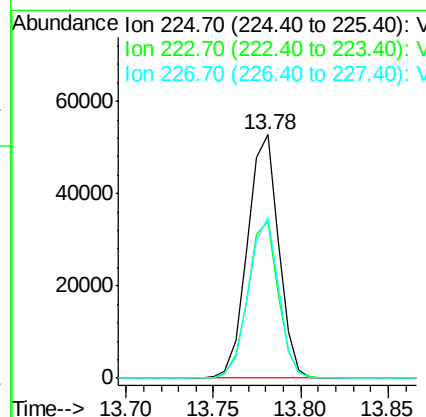
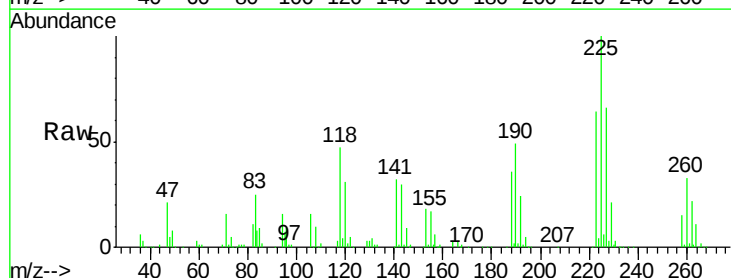
RT: 13.78 min Scan# 2115

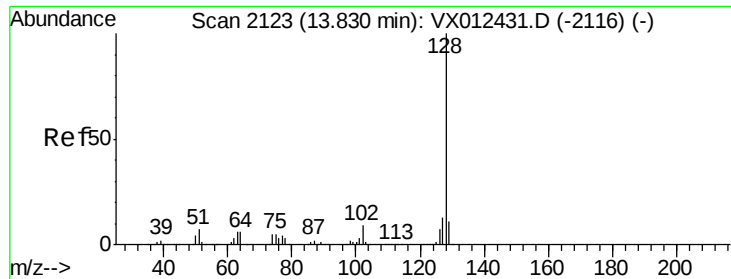
Delta R.T. -0.00 min

Lab File: VX012620.D

Acq: 24 Sep 2019 09:59

Tgt Ion:	225	Resp:	65612
Ion Ratio	Lower	Upper	
225	100		
223	63.1	32.0	96.2
227	63.6	31.9	95.5





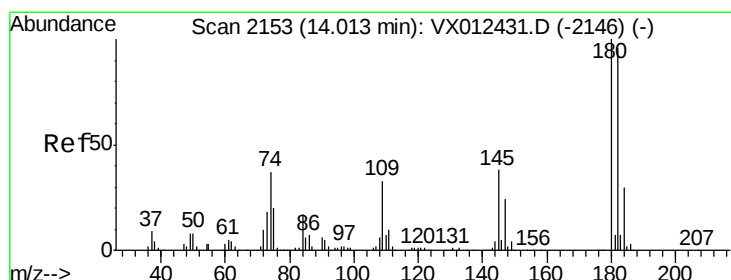
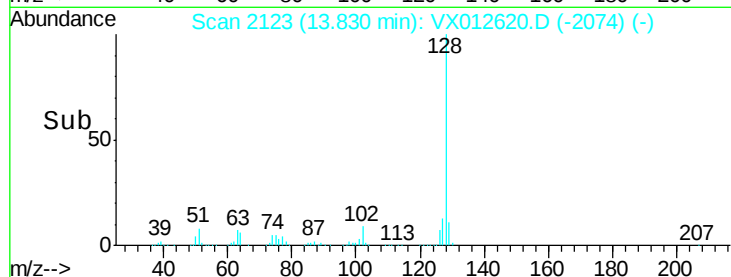
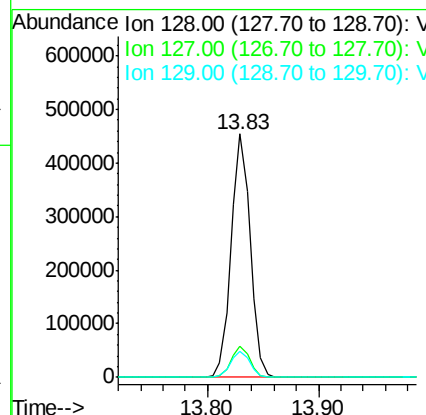
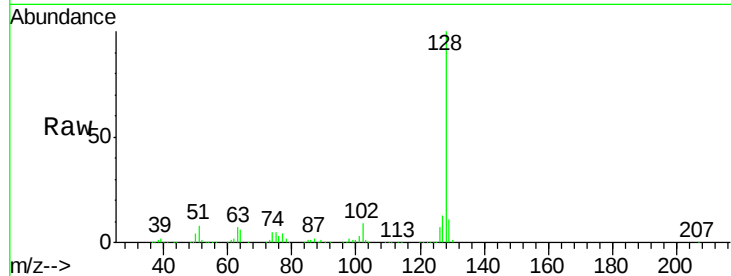
#95
Naphthalene
Concen: 53.335 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	536359		
127	12.7		10.2	15.4
129	10.9		8.8	13.2

Manual Integrations
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9/25/2019 9:29:42 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.849 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012620.D
Acq: 24 Sep 2019 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	147148		
182	95.1		47.1	141.3
145	36.6		18.0	54.0

