

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012686.D
 Acq On : 26 Sep 2019 19:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/27/2019 8:53:43 AM

Quant Time: Sep 27 01:41:54 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	182187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	328777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	294404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	136865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	141882	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	5.49	113	106074	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
50) Toluene-d8	8.71	98	395062	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.14	95	155970	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	103740	50.616	ug/l	97
3) Chloromethane	1.32	50	115792	49.200	ug/l	98
4) Vinyl Chloride	1.40	62	119035	50.885	ug/l	96
5) Bromomethane	1.63	94	39506	42.953	ug/l	98
6) Chloroethane	1.71	64	77294	49.014	ug/l	95
7) Trichlorofluoromethane	1.92	101	167191	50.905	ug/l	97
8) Diethyl Ether	2.18	74	69525	51.655	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102345	51.161	ug/l	95
10) Methyl Iodide	2.50	142	98322	46.986	ug/l	95
11) Tert butyl alcohol	3.04	59	170154	256.745	ug/l	99
12) 1,1-Dichloroethene	2.36	96	101120	51.623	ug/l	94
13) Acrolein	2.28	56	30458	89.357	ug/l	95
14) Allyl chloride	2.72	41	198222	51.005	ug/l	98
15) Acrylonitrile	3.13	53	353986	263.274	ug/l	98
16) Acetone	2.44	43	313908	223.384	ug/l	98
17) Carbon Disulfide	2.56	76	259196	47.199	ug/l	100
18) Methyl Acetate	2.76	43	172954	52.270	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	387900	52.317	ug/l	98
20) Methylene Chloride	2.85	84	119109	50.114	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	109235	50.336	ug/l	92
22) Diisopropyl ether	3.84	45	392001	52.201	ug/l	98
23) Vinyl Acetate	3.80	43	1725768	262.059	ug/l	98
24) 1,1-Dichloroethane	3.69	63	210614	51.597	ug/l	98
25) 2-Butanone	4.66	43	497811	247.064	ug/l	98
26) 2,2-Dichloropropane	4.57	77	165302	45.532	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	127291	50.552	ug/l	96
28) Bromochloromethane	5.00	49	86795	58.560	ug/l	99
29) Tetrahydrofuran	5.12	42	323194	263.167	ug/l	98
30) Chloroform	5.20	83	213902	51.220	ug/l	97
31) Cyclohexane	5.57	56	188407	51.020	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	189661	51.243	ug/l	99
36) 1,1-Dichloropropene	5.79	75	157861	49.813	ug/l	99
37) Ethyl Acetate	4.82	43	191644	51.726	ug/l	98
38) Carbon Tetrachloride	5.78	117	159543	49.560	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185129	48.525	ug/l	99
40) Benzene	6.14	78	466024	49.980	ug/l	99
41) Methacrylonitrile	5.03	41	105757	50.875	ug/l	97
42) 1,2-Dichloroethane	6.19	62	180720	51.039	ug/l	99
43) Isopropyl Acetate	6.44	43	311588	50.290	ug/l	99
44) Trichloroethene	7.21	130	117595	49.333	ug/l	96
45) 1,2-Dichloropropane	7.51	63	122760	51.424	ug/l	97
46) Dibromomethane	7.65	93	81587	50.196	ug/l	95
47) Bromodichloromethane	7.89	83	164297	50.577	ug/l	98
48) Methyl methacrylate	7.76	41	152950	51.483	ug/l	96
49) 1,4-Dioxane	7.73	88	66105	981.008	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	974536	254.808	ug/l	97
52) Toluene	8.78	92	299043	51.028	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	182623	50.811	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	198685	50.630	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	119689	51.370	ug/l	97
56) Ethyl methacrylate	9.17	69	204430	52.227	ug/l	94
57) 1,3-Dichloropropane	9.37	76	210643	51.657	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	474537	270.082	ug/l	98
59) 2-Hexanone	9.49	43	750783	256.459	ug/l	96
60) Dibromochloromethane	9.58	129	124114	52.623	ug/l	98
61) 1,2-Dibromoethane	9.67	107	124905	51.511	ug/l	100
64) Tetrachloroethene	9.33	164	105348	51.323	ug/l	92
65) Chlorobenzene	10.14	112	309001	49.842	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	115415	51.381	ug/l	98
67) Ethyl Benzene	10.25	91	573217	50.978	ug/l	98
68) m/p-Xylenes	10.36	106	424288	100.730	ug/l	98
69) o-Xylene	10.70	106	205256	50.360	ug/l	98
70) Styrene	10.71	104	358319	52.442	ug/l	100
71) Bromoform	10.86	173	82319	52.631	ug/l #	98
73) Isopropylbenzene	11.01	105	559819	50.221	ug/l	99
74) N-amyl acetate	10.89	43	271110	50.980	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	188903	51.168	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	182236m	50.336	ug/l	
77) Bromobenzene	11.25	156	124546	49.366	ug/l	96
78) n-propylbenzene	11.35	91	632707	50.416	ug/l	100
79) 2-Chlorotoluene	11.42	91	387856	49.542	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	474925	50.806	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59786	47.324	ug/l	98
82) 4-Chlorotoluene	11.51	91	448126	50.213	ug/l	98
83) tert-Butylbenzene	11.77	119	449863	49.889	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	473360	50.198	ug/l	100
85) sec-Butylbenzene	11.94	105	533192	50.838	ug/l	99
86) p-Isopropyltoluene	12.06	119	487322	51.495	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	227517	50.111	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	230091	50.152	ug/l	99
89) n-Butylbenzene	12.39	91	420987	50.483	ug/l	99
90) Hexachloroethane	12.59	117	84932	50.340	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	229980	50.595	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48069	52.051	ug/l	98

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VSTDCCC050EC

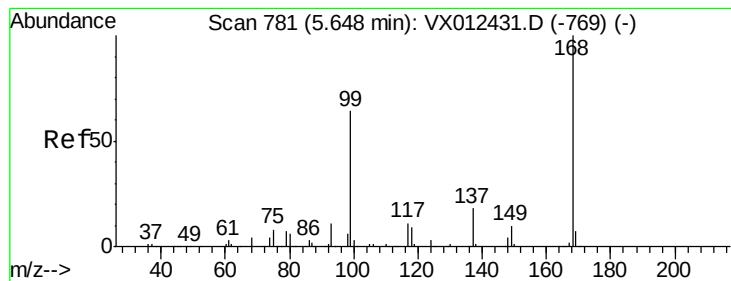
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144648	52.180	ug/l	99
94) Hexachlorobutadiene	13.78	225	62356	52.288	ug/l	99
95) Naphthalene	13.83	128	549807	54.819	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	147035	52.950	ug/l	99

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



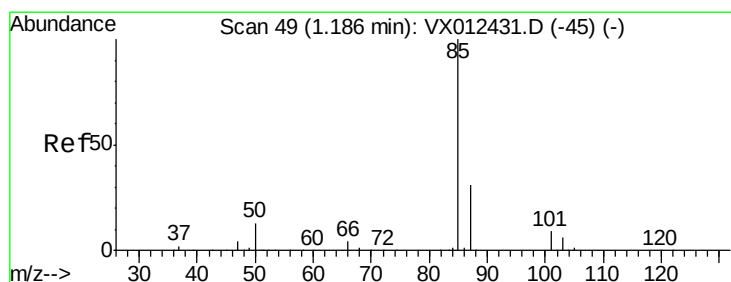
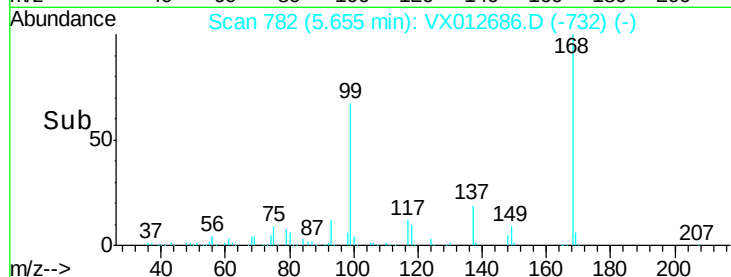
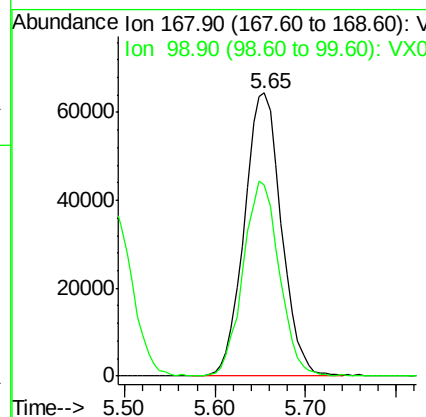
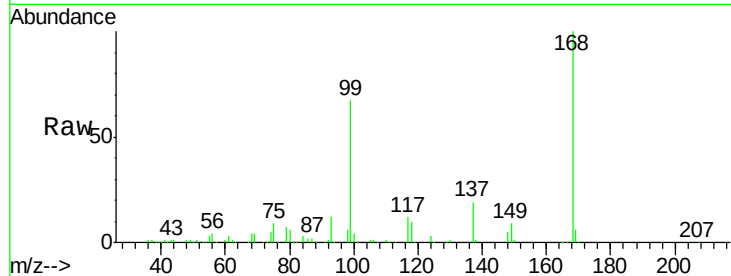
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	67.0	51.4	77.2

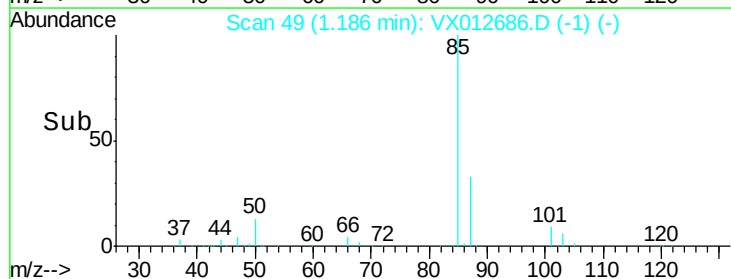
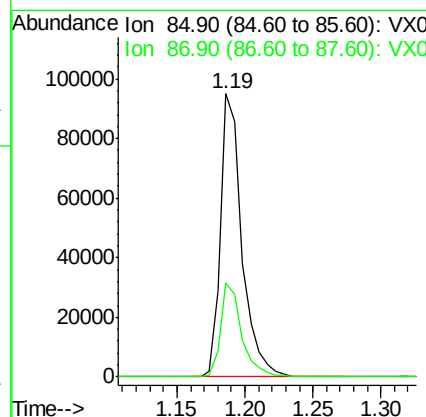
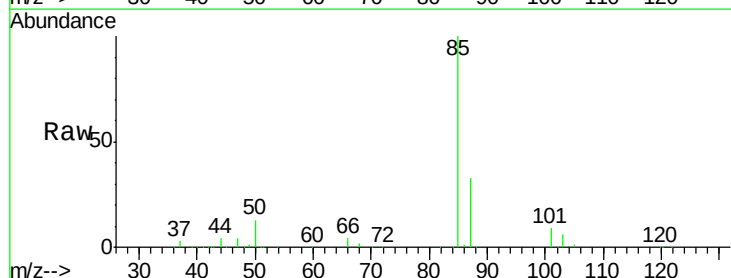
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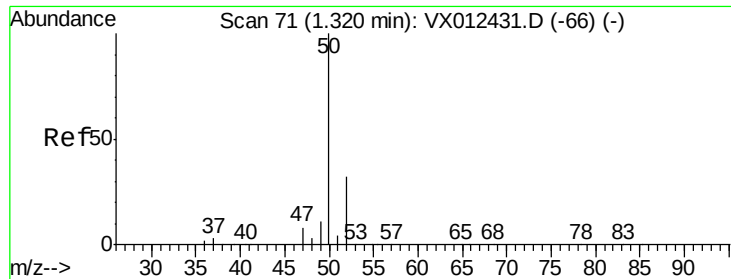
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#2
Dichlorodifluoromethane
Concen: 50.616 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.6	46.8





#3

Chloromethane

Concen: 49.200 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 115792

Ion Ratio Lower Upper

50 100

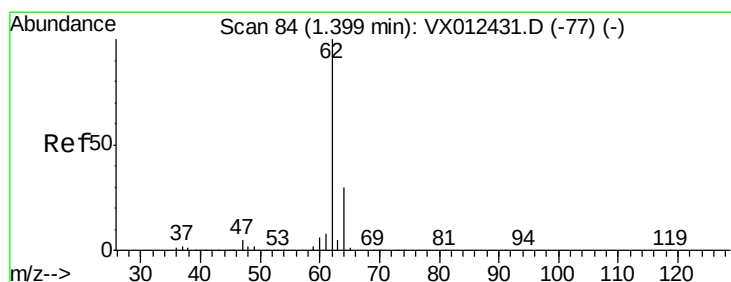
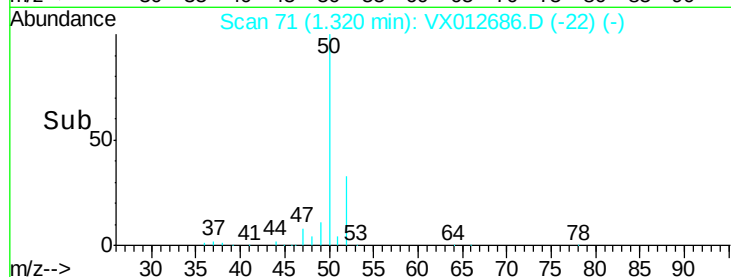
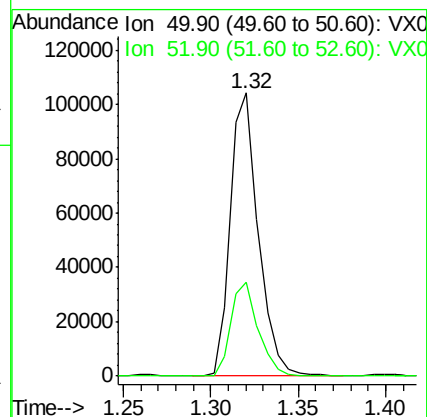
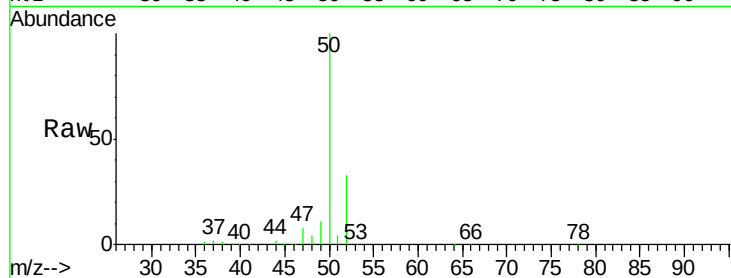
52 33.1 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.885 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012686.D

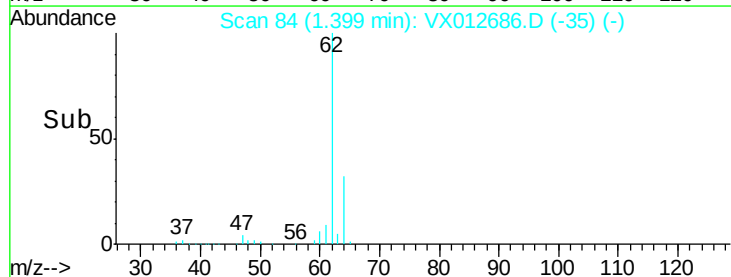
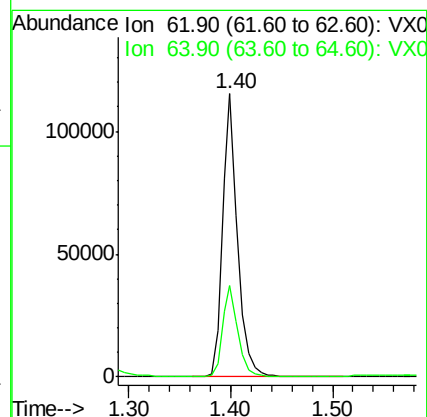
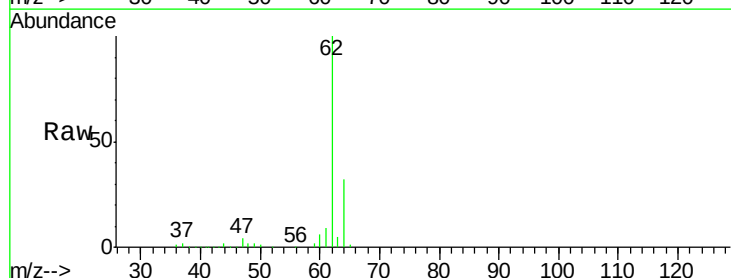
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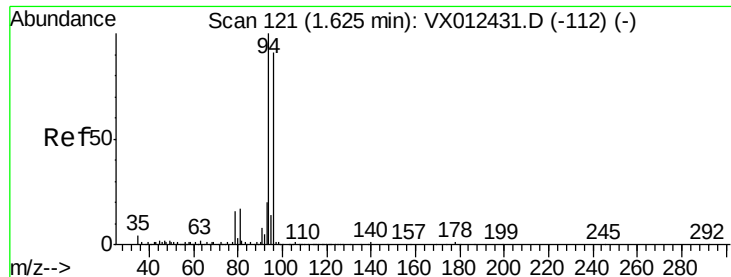
Tgt Ion: 62 Resp: 119035

Ion Ratio Lower Upper

62 100

64 32.2 24.2 36.2





#5

Bromomethane

Concen: 42.953 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 39506

Ion Ratio Lower Upper

94 100

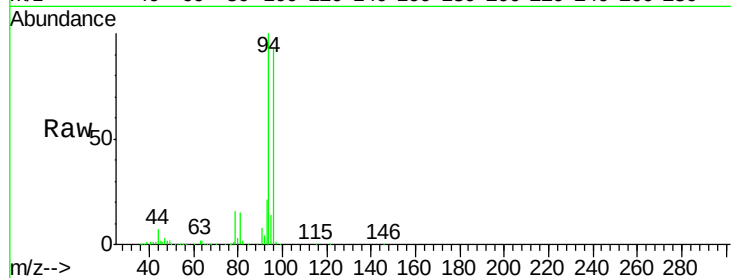
96 92.7 72.8 109.2

Manual Integrations

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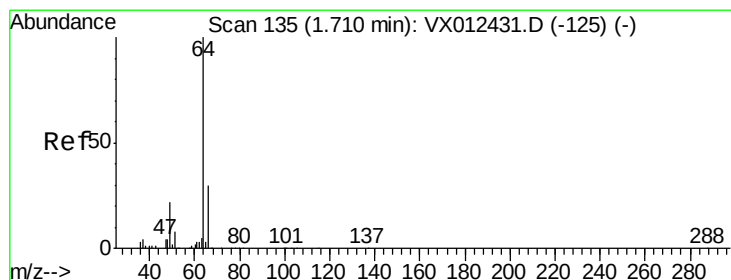
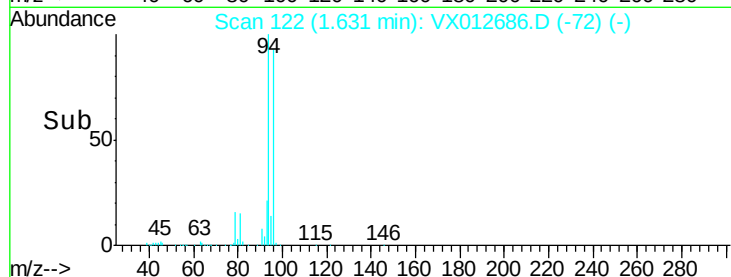
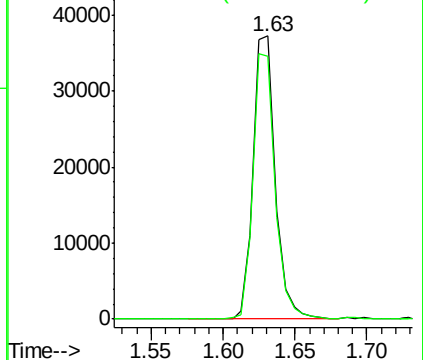
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.014 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012686.D

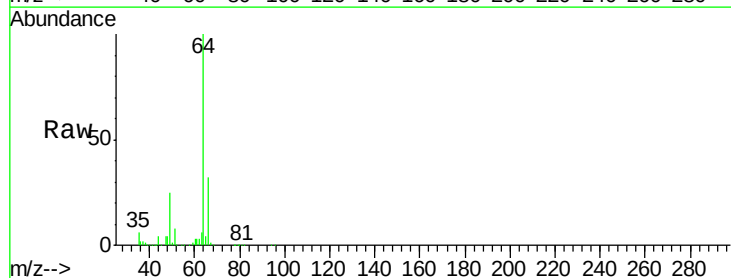
Acq: 26 Sep 2019 19:57

Tgt Ion: 64 Resp: 77294

Ion Ratio Lower Upper

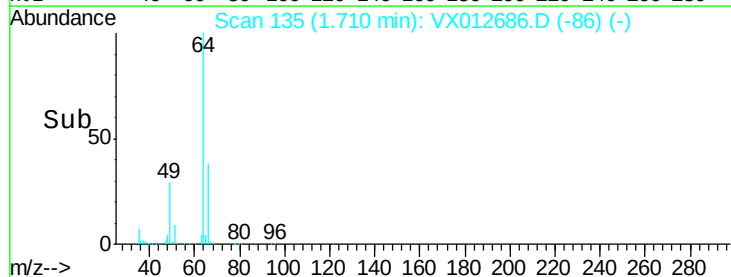
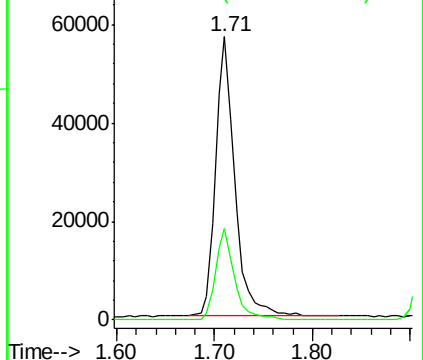
64 100

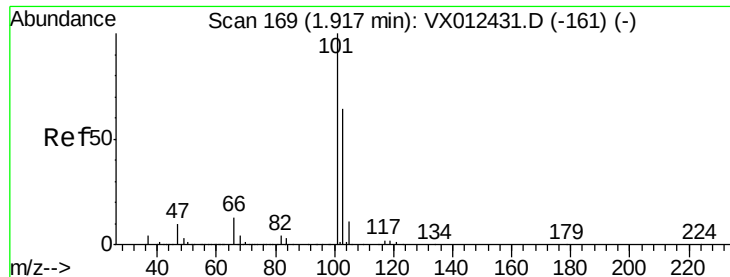
66 32.5 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

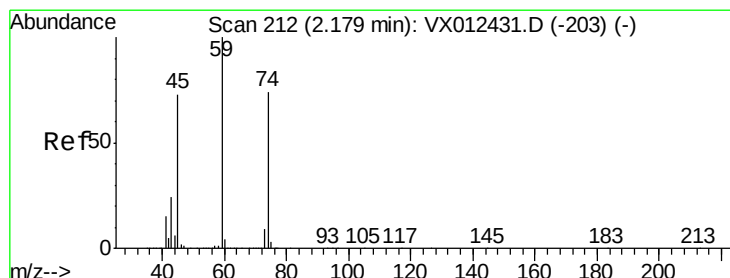
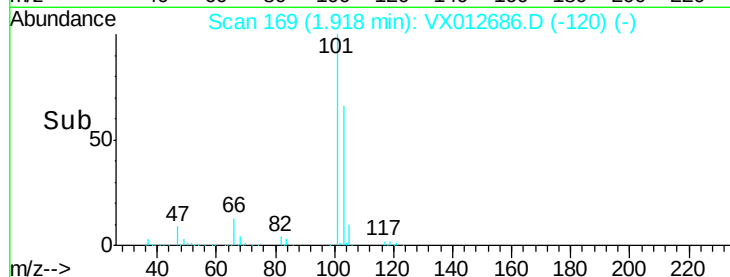
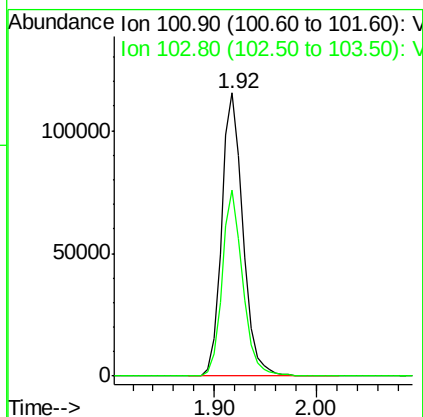
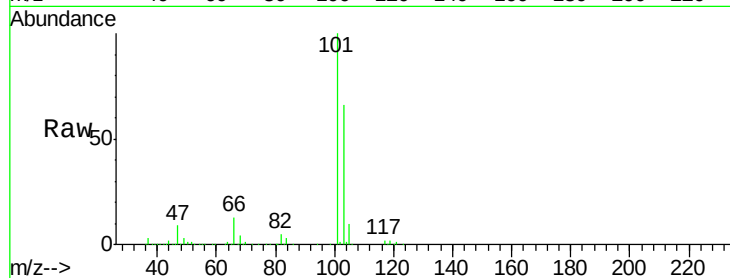
Trichlorofluoromethane
Concen: 50.905 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.0	76.4

Manual Integrations
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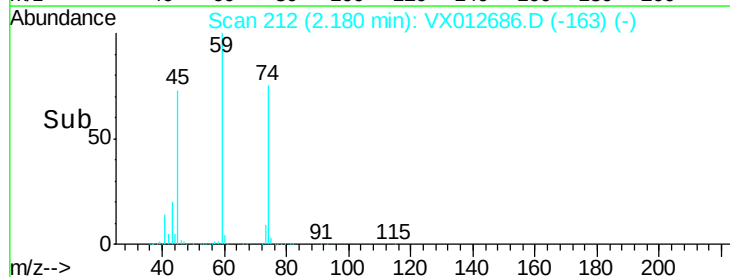
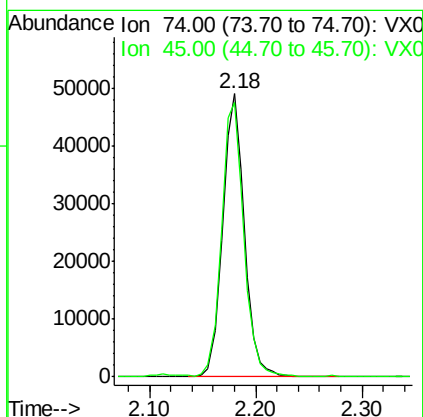
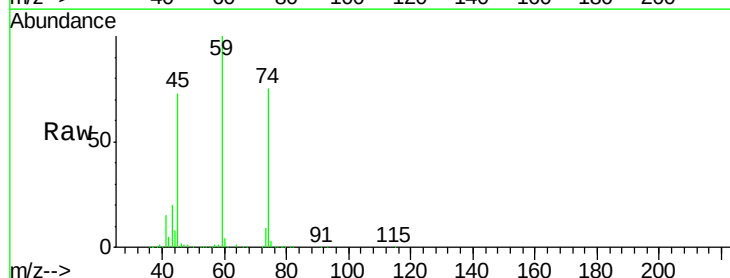
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9/27/2019 8:53:43 AM

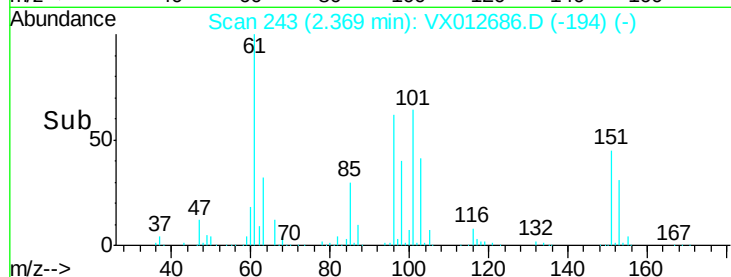
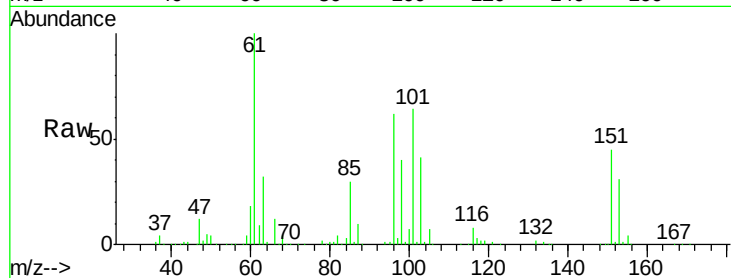
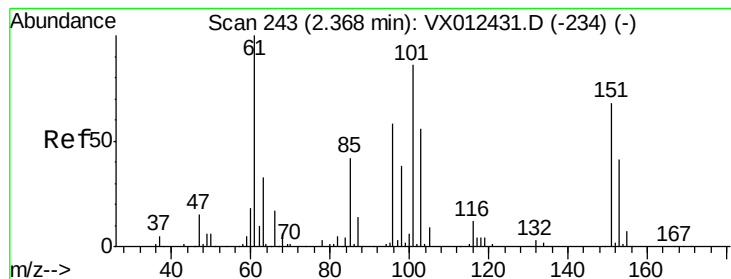


#8

Diethyl Ether
Concen: 51.655 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.161 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012686.D

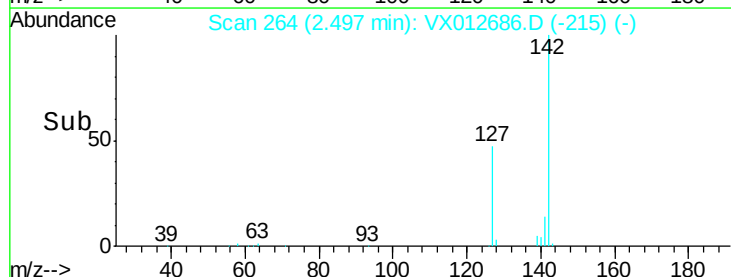
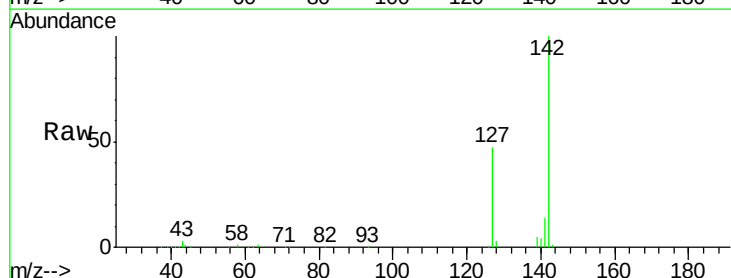
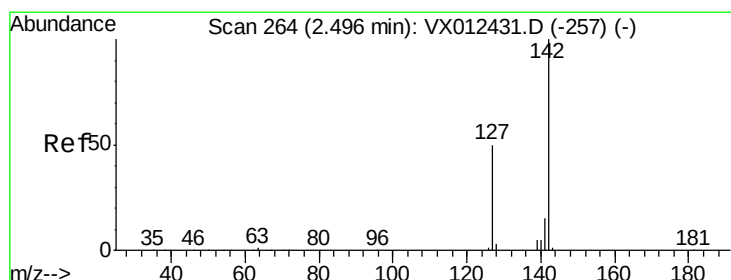
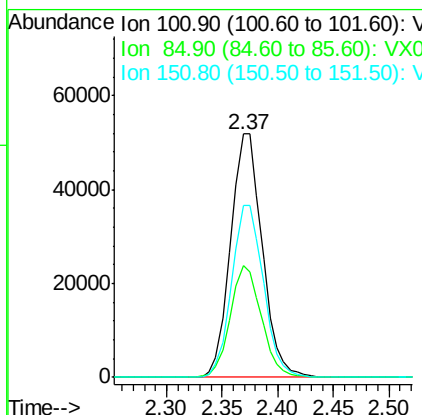
Acq: 26 Sep 2019 19:57

Tot Ion	Ratio	Resp	Lower	Upper
101	100	102345		
85	45.1	37.3	55.9	
151	70.8	61.0	91.4	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#10

Methyl Iodide

Concen: 46.986 ug/l

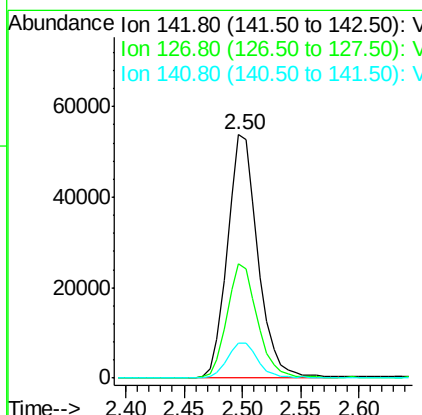
RT: 2.50 min Scan# 264

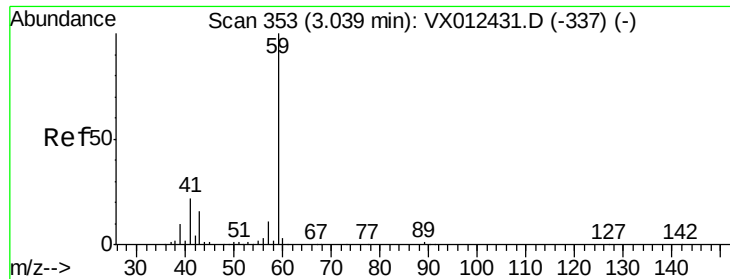
Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	98322		
127	46.8	40.8	61.2	
141	14.9	12.1	18.1	





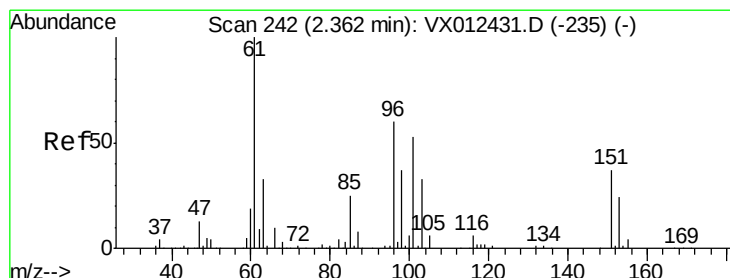
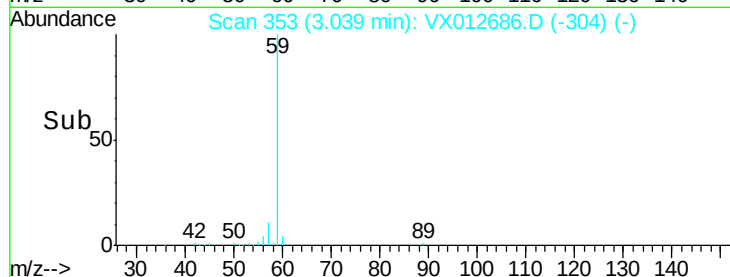
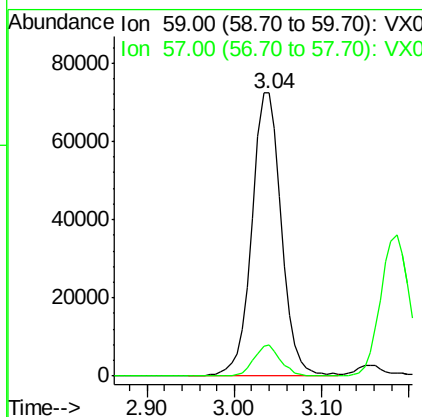
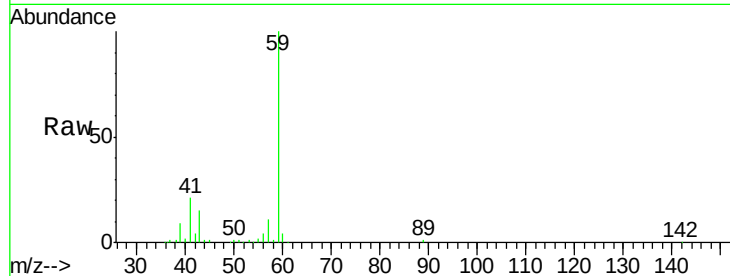
#11
Tert butyl alcohol
Concen: 256.745 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

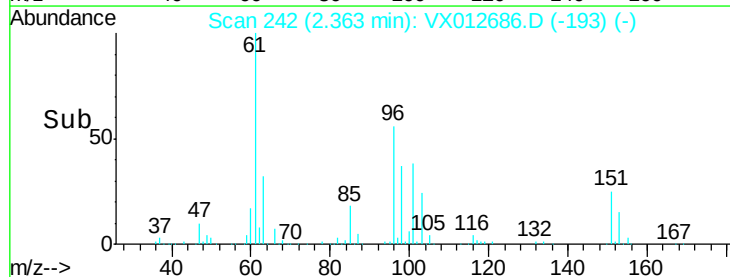
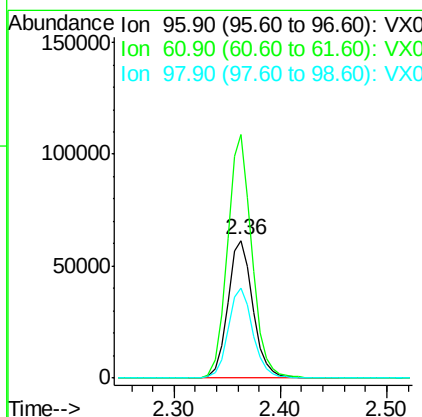
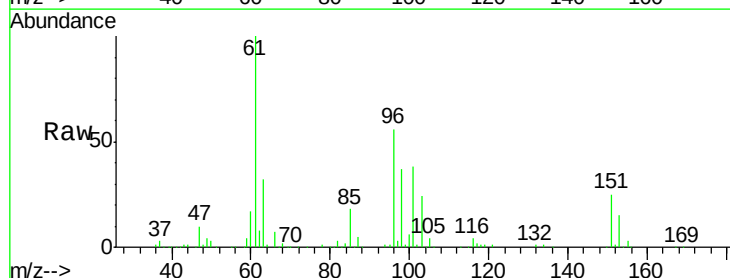
Manual Integrations
APPROVED

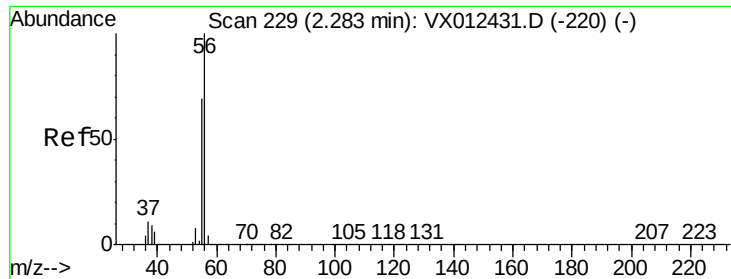
MMDadoda
9/27/2019 8:53:43 AM



#12
1,1-Dichloroethene
Concen: 51.623 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.1	133.8	200.6
98	65.1	49.9	74.9





#13

Acrolein

Concen: 89.357 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 30458

Ion Ratio Lower Upper

56 100

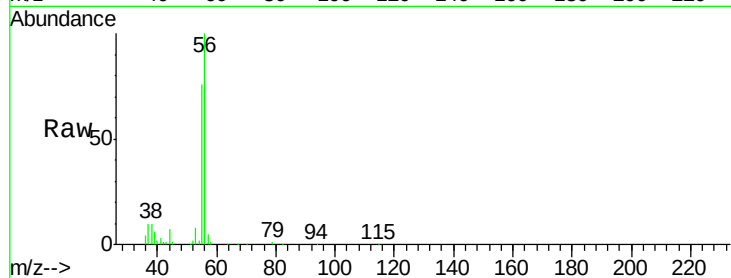
55 73.6 55.8 83.8

Manual Integrations

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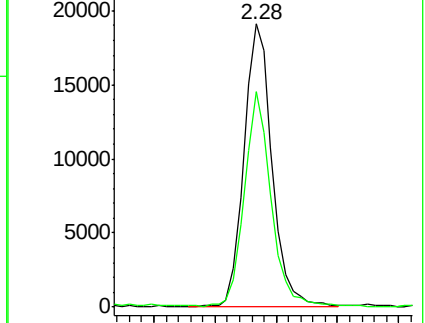
MMDadoda

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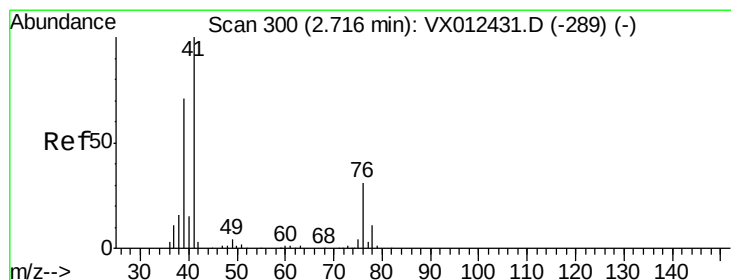
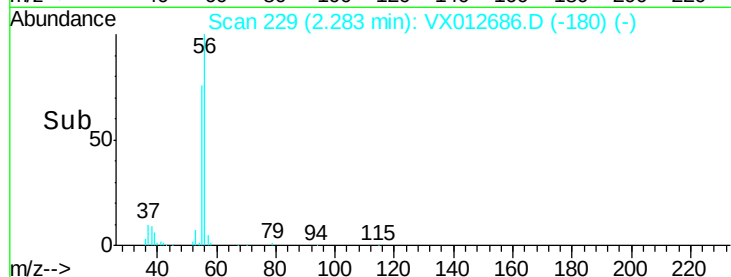


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 51.005 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

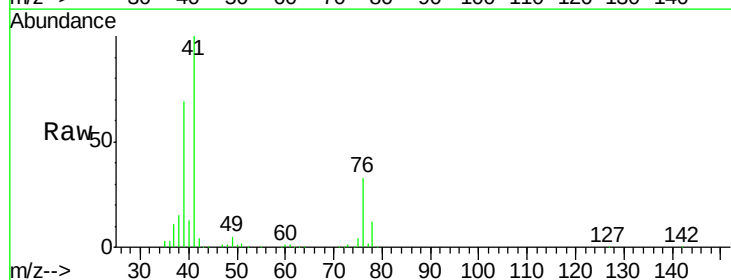
Tgt Ion: 41 Resp: 198222

Ion Ratio Lower Upper

41 100

39 64.3 51.3 76.9

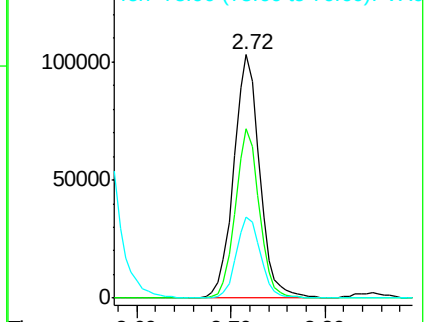
76 30.8 22.6 33.8



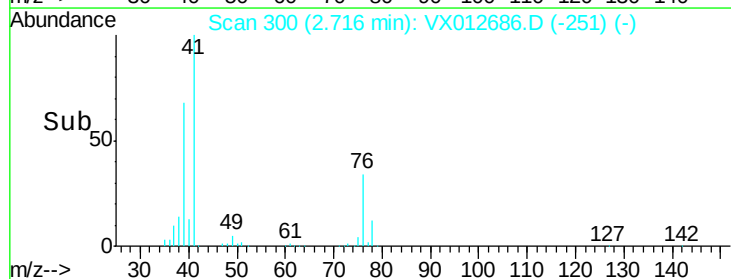
Abundance Ion 41.00 (40.70 to 41.70): VX0

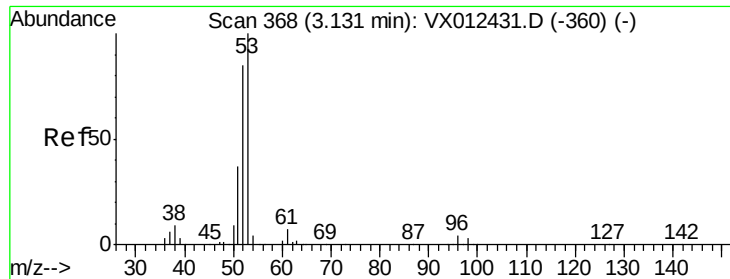
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 263.274 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

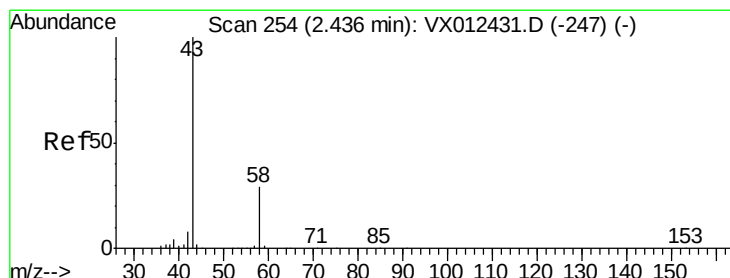
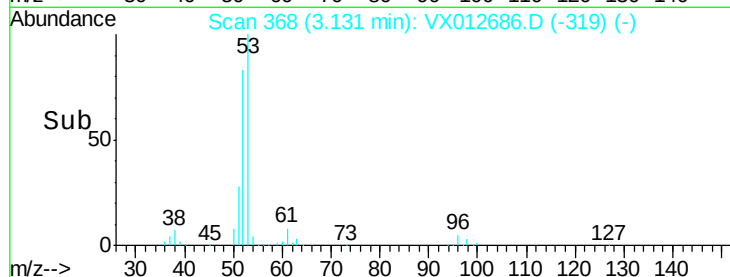
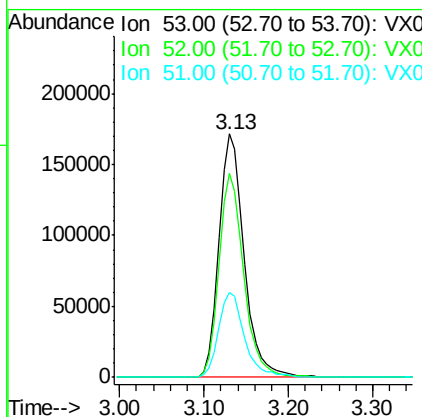
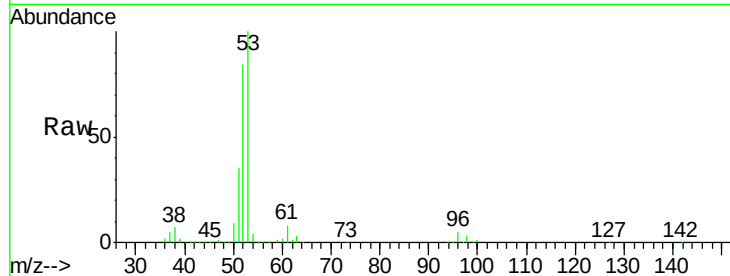
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	353986
Ion Ratio	Lower	Upper	
53	100		
52	82.4	67.0	100.4
51	35.7	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 223.384 ug/l

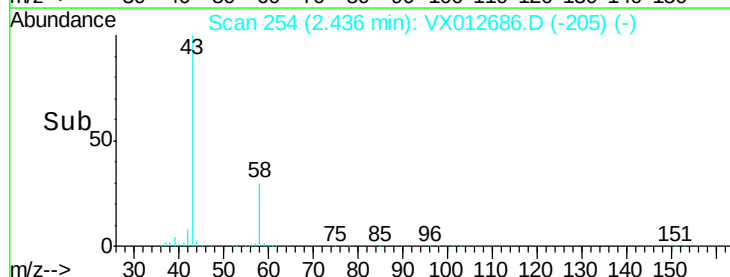
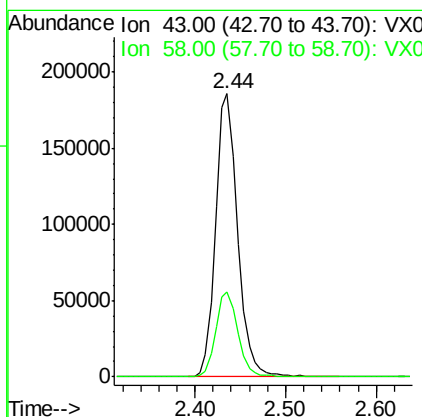
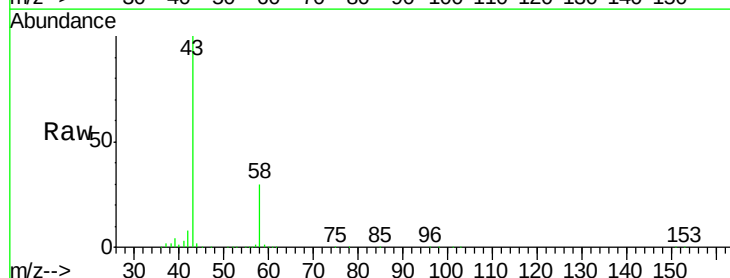
RT: 2.44 min Scan# 254

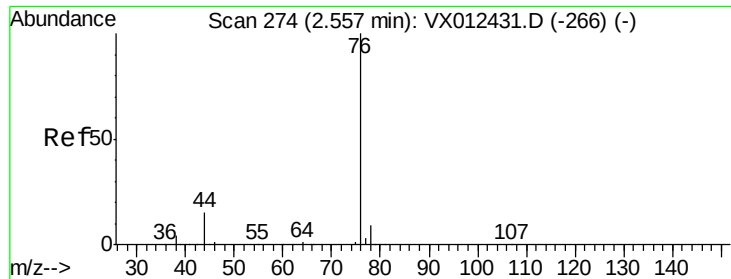
Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Tgt Ion:	43	Resp:	313908
Ion Ratio	Lower	Upper	
43	100		
58	30.0	23.3	34.9





#17

Carbon Disulfide

Concen: 47.199 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 259196

Ion Ratio Lower Upper

76 100

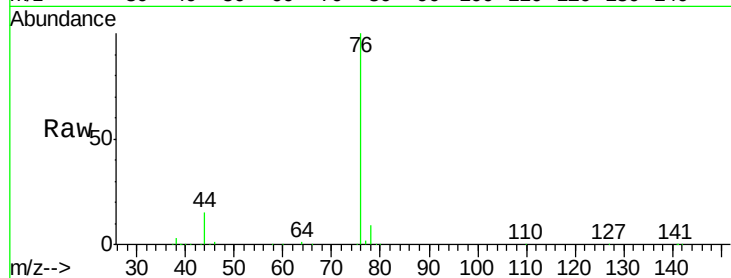
78 9.0 7.3 10.9

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

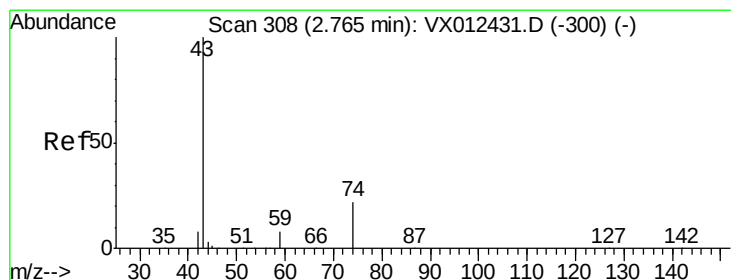
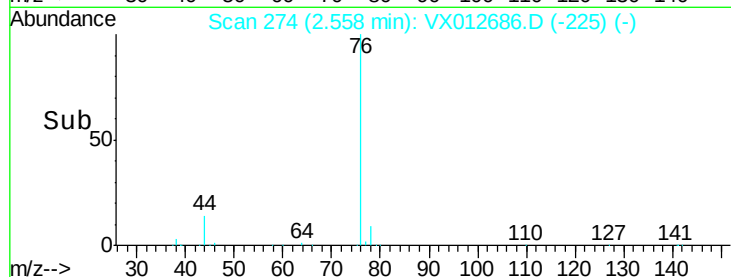
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.270 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012686.D

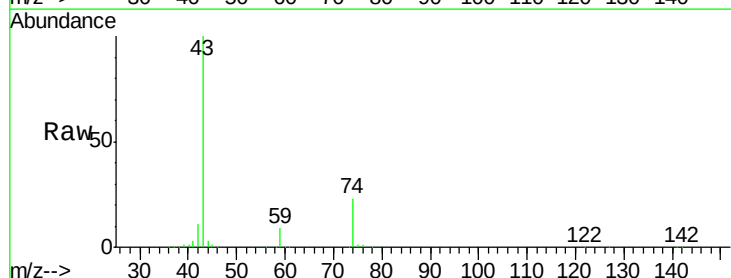
Acq: 26 Sep 2019 19:57

Tgt Ion: 43 Resp: 172954

Ion Ratio Lower Upper

43 100

74 23.2 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

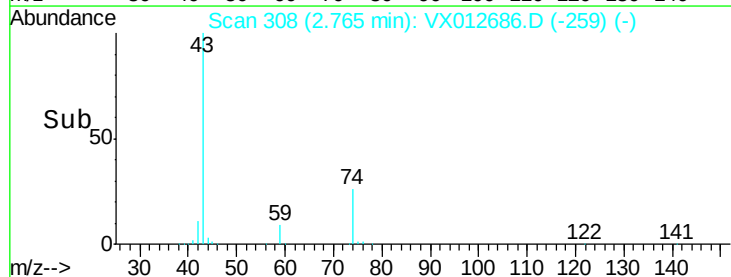
60000

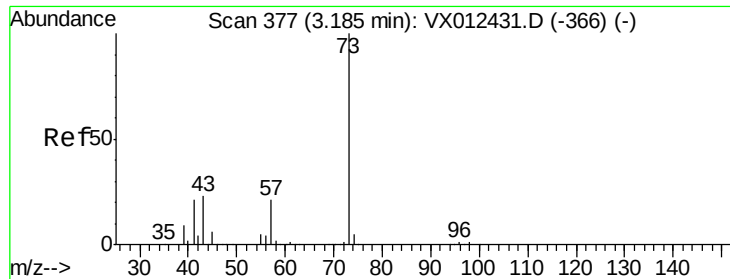
40000

20000

0

Time-->





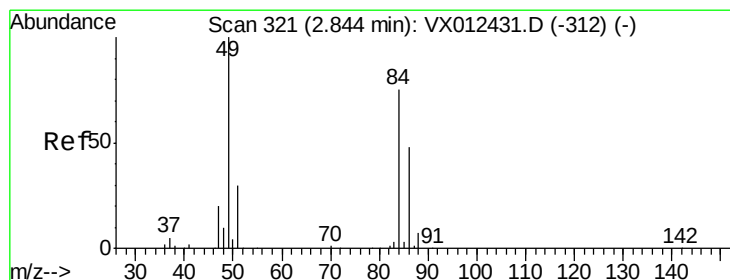
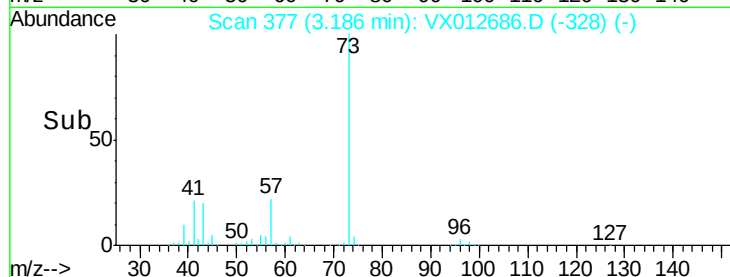
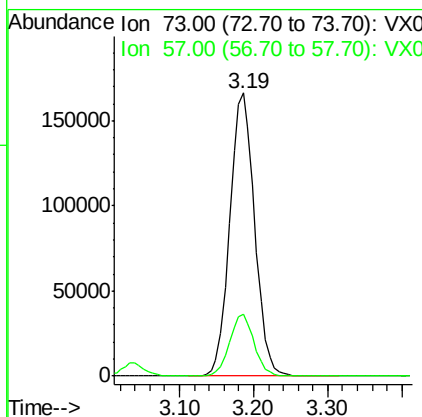
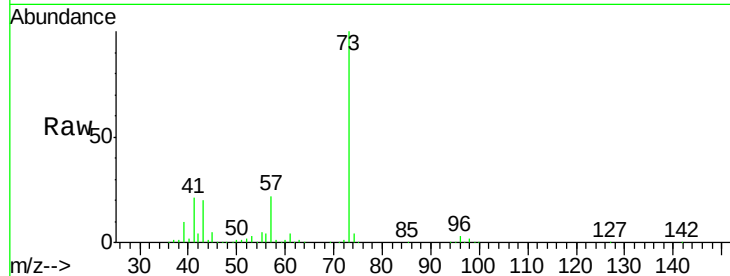
#19
Methyl tert-butyl Ether
Concen: 52.317 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.8	25.2

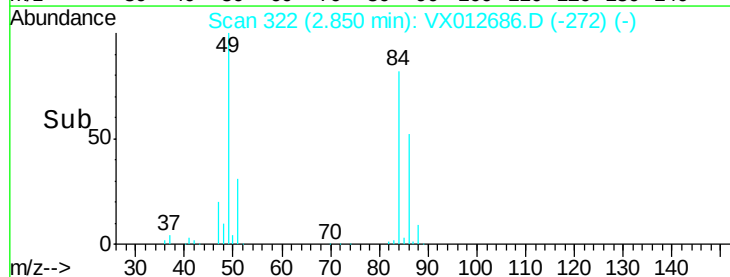
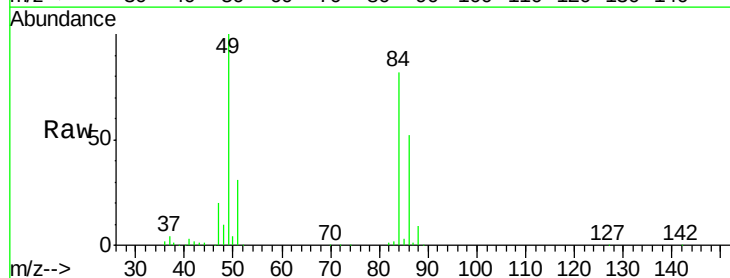
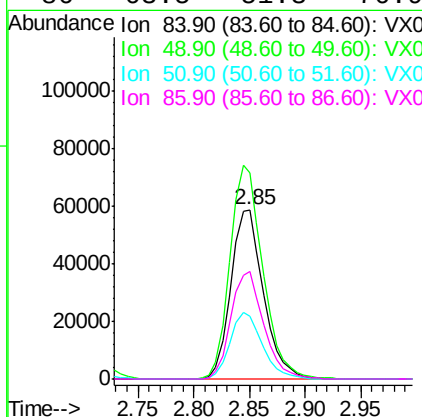
Manual Integrations
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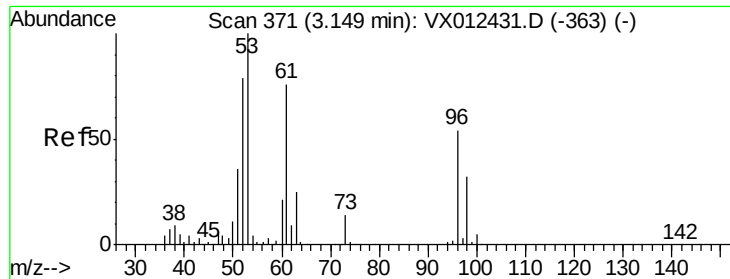
MMDadoda
9/27/2019 8:53:43 AM



#20
Methylene Chloride
Concen: 50.114 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.3	106.8	160.2
51	37.3	32.3	48.5
86	63.5	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 50.336 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 109235

Ion Ratio Lower Upper

96 100

61 148.1 112.0 168.0

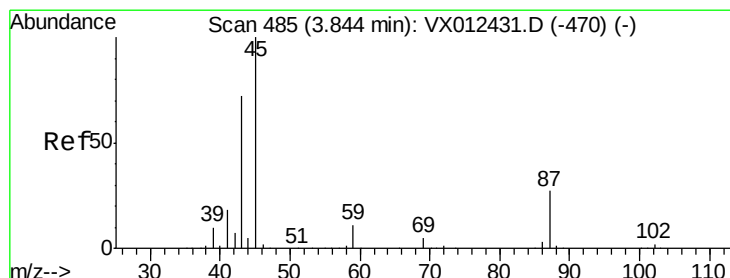
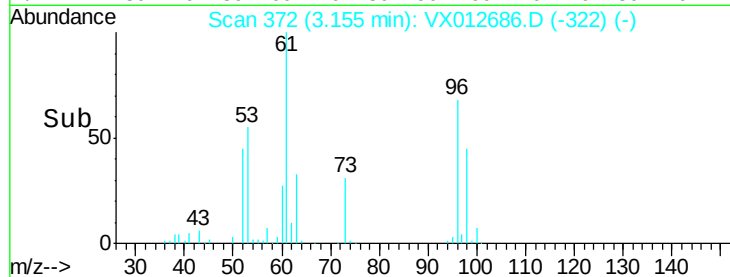
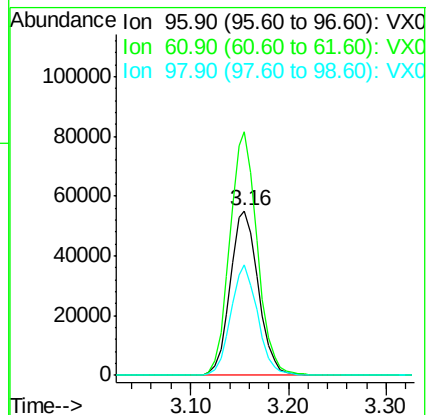
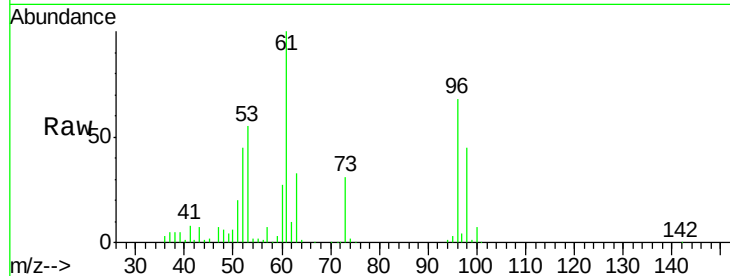
98 67.0 47.8 71.8

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#22

Diisopropyl ether

Concen: 52.201 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Tgt Ion: 45 Resp: 392001

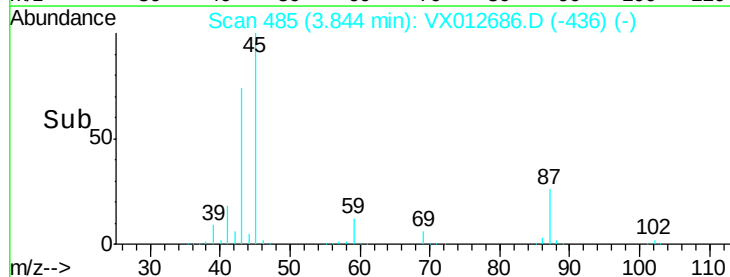
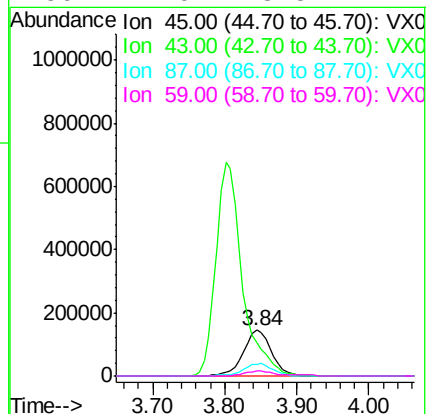
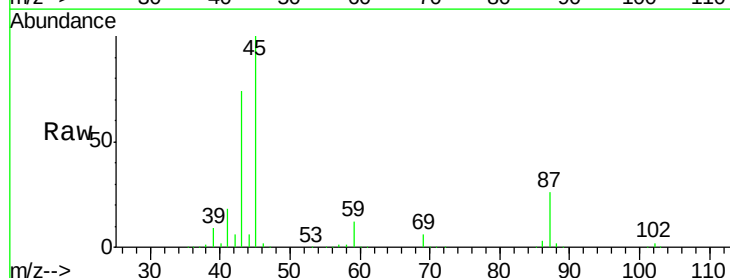
Ion Ratio Lower Upper

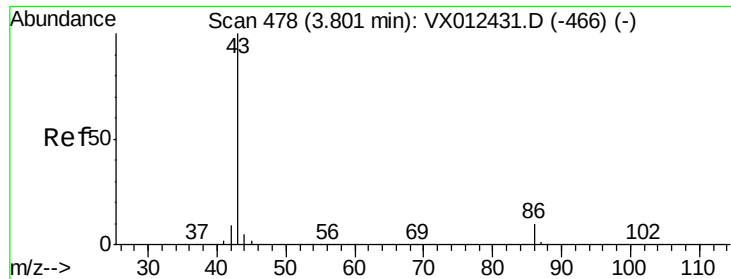
45 100

43 73.9 57.8 86.8

87 26.4 21.3 31.9

59 12.0 8.5 12.7





#23

Vinyl Acetate

Concen: 262.059 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1725768

Ion Ratio Lower Upper

43 100

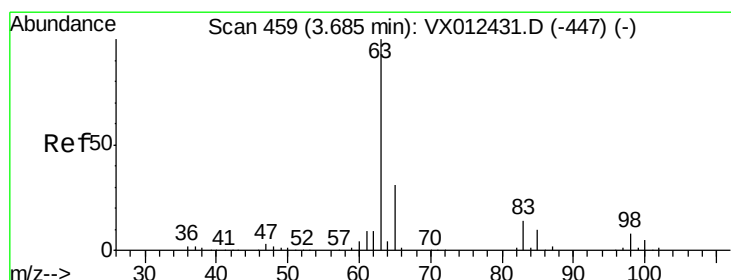
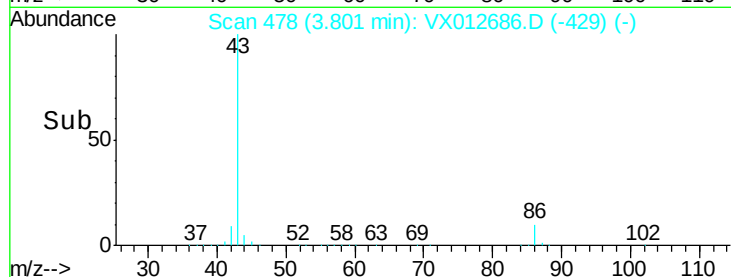
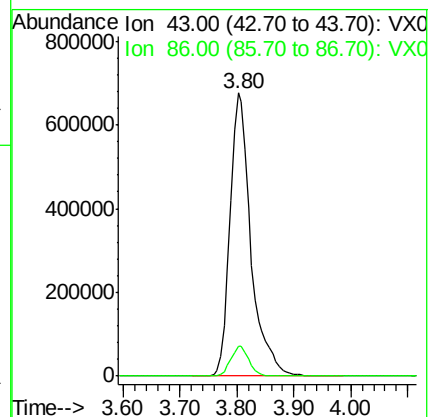
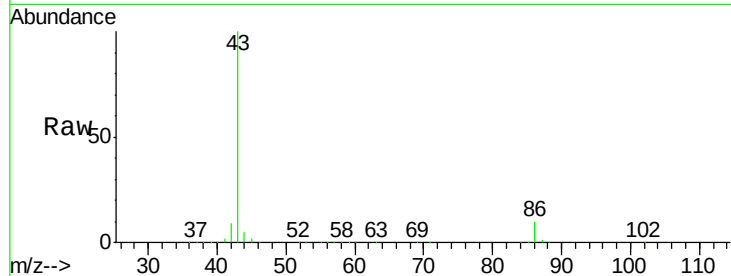
86 10.5 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.597 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

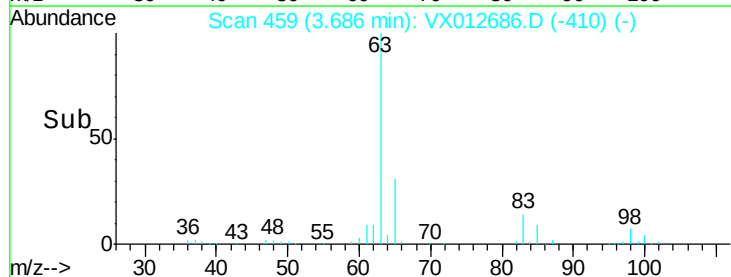
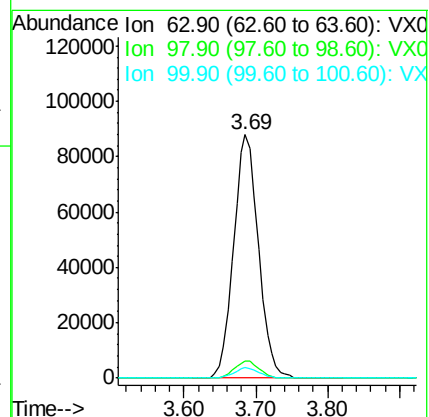
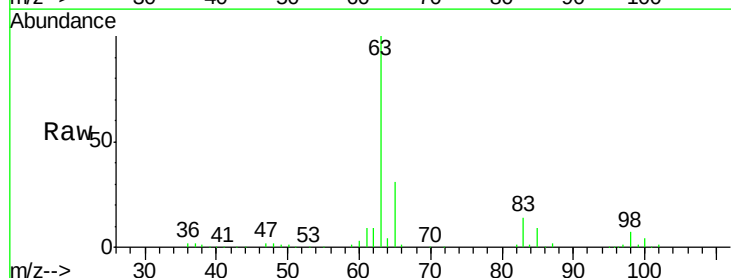
Tgt Ion: 63 Resp: 210614

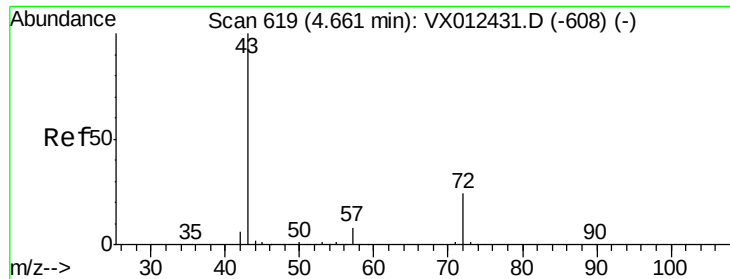
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 4.5 2.3 6.9





#25

2-Butanone

Concen: 247.064 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 497811

Ion Ratio Lower Upper

43 100

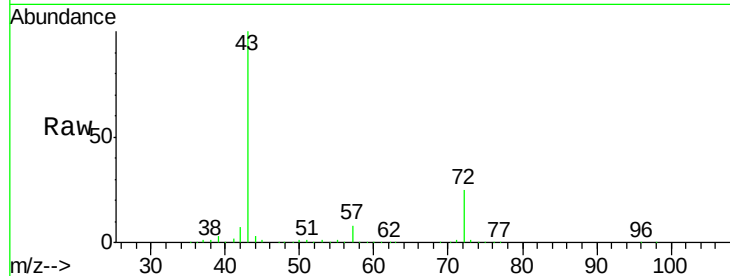
72 25.2 19.2 28.8

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

200000

150000

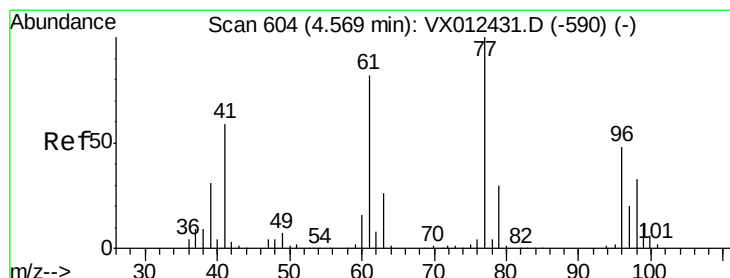
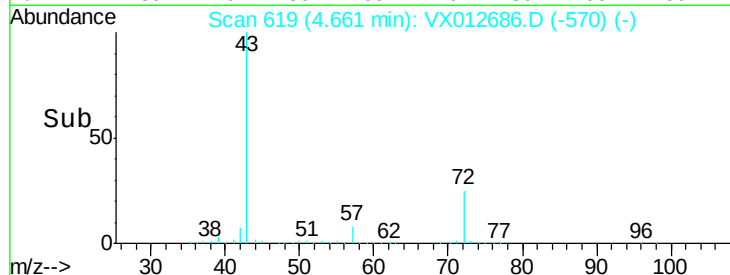
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.532 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012686.D

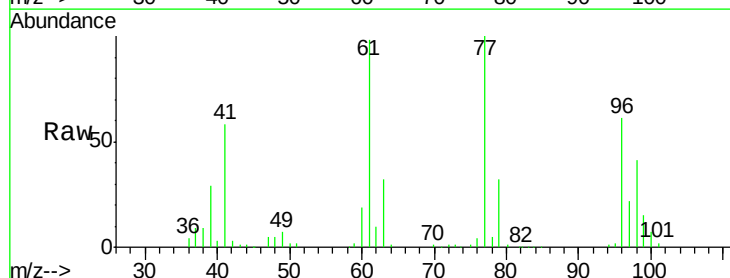
Acq: 26 Sep 2019 19:57

Tgt Ion: 77 Resp: 165302

Ion Ratio Lower Upper

77 100

97 22.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

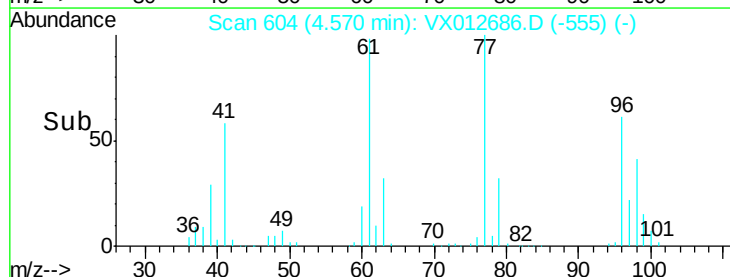
20000

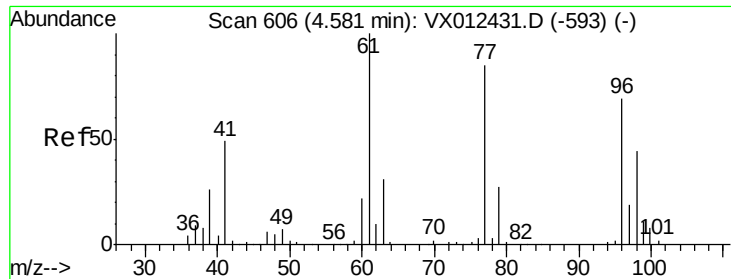
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

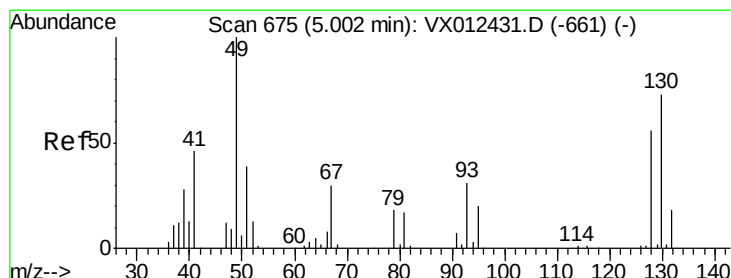
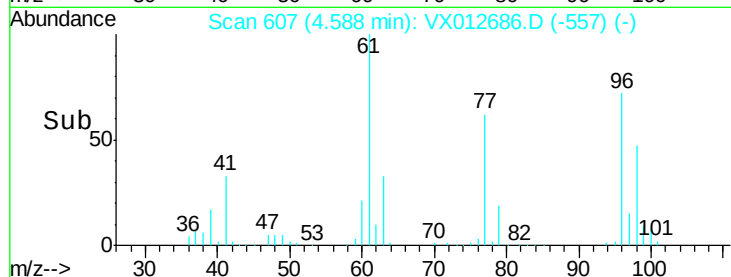
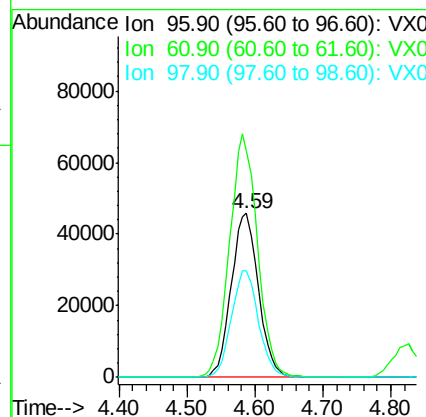
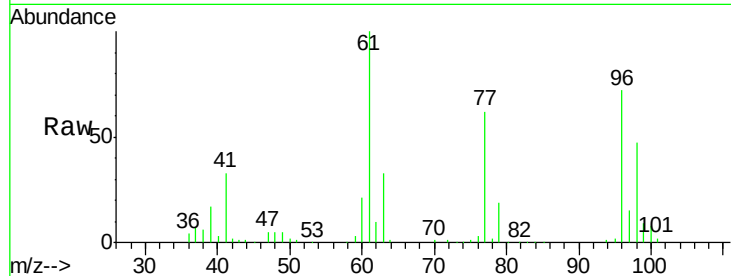
cis-1,2-Dichloroethene
Concen: 50.552 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	127291		
61	152.5	0.0	319.4	
98	64.7	0.0	130.6	

Manual Integrations
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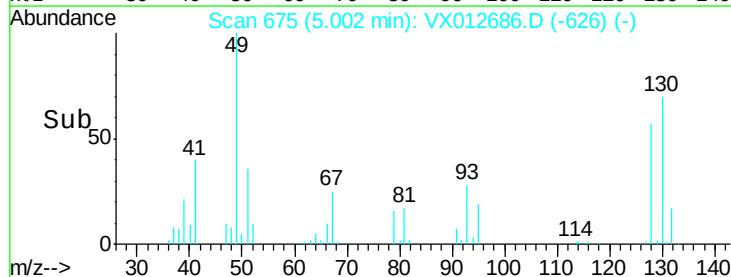
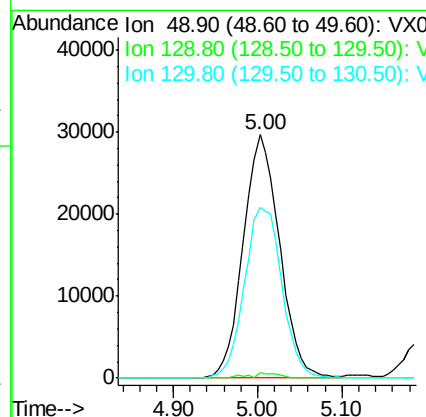
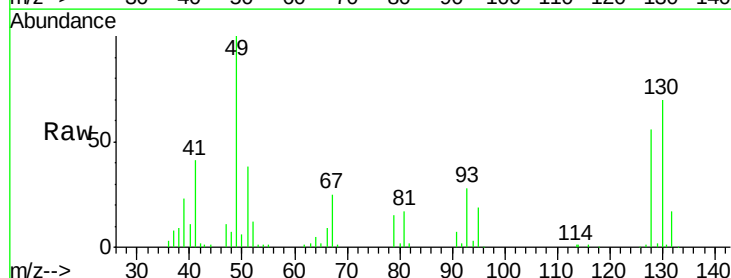
MMDadoda
9/27/2019 8:53:43 AM

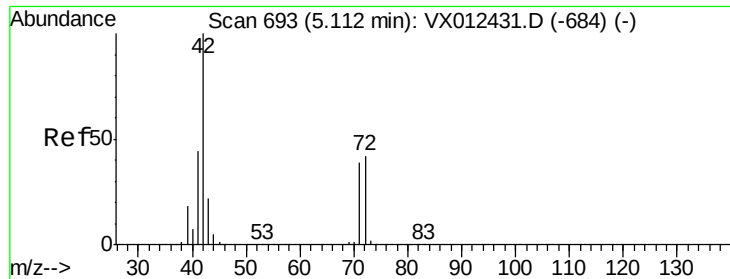


#28

Bromochloromethane
Concen: 58.560 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	86795		
129	1.7	0.0	3.8	
130	72.1	58.2	87.4	





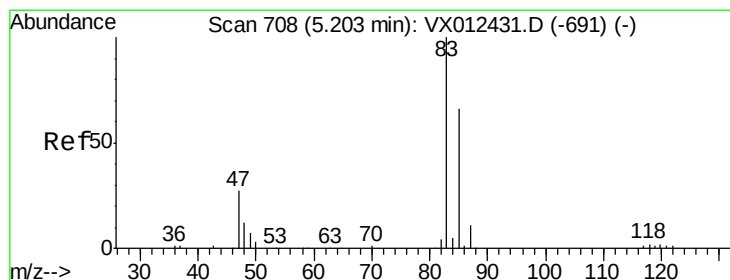
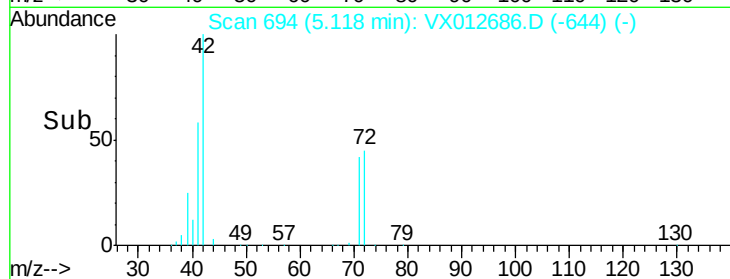
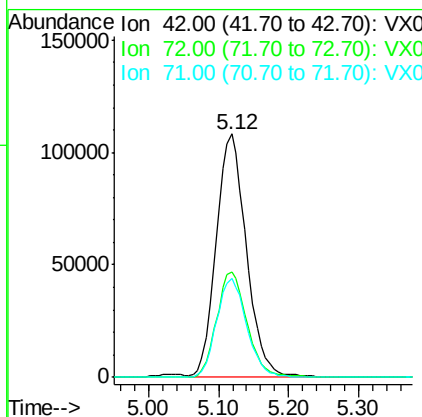
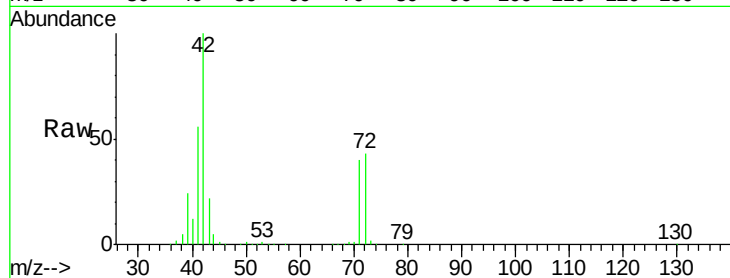
#29
Tetrahydrofuran
Concen: 263.167 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.0	51.0
71	40.9	31.5	47.3

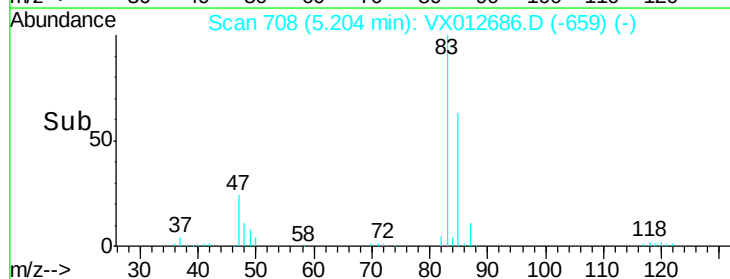
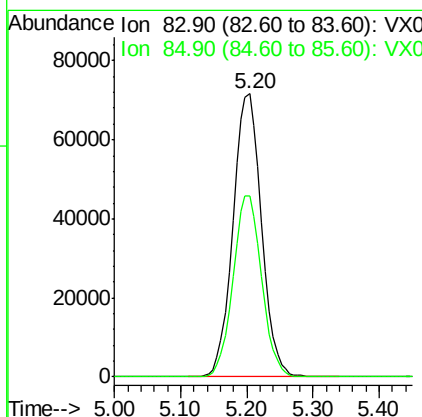
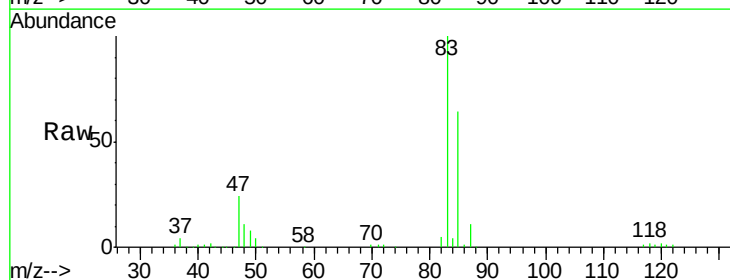
Manual Integrations
APPROVED

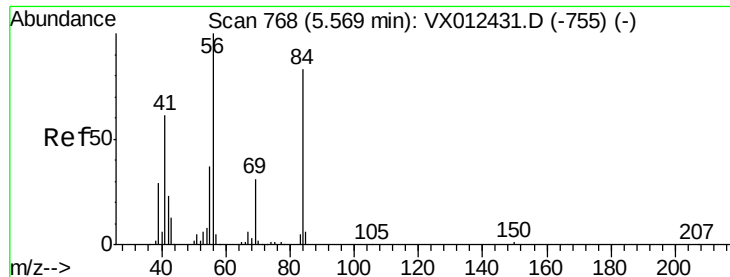
MMDadoda
9/27/2019 8:53:43 AM



#30
Chloroform
Concen: 51.220 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.0	79.4





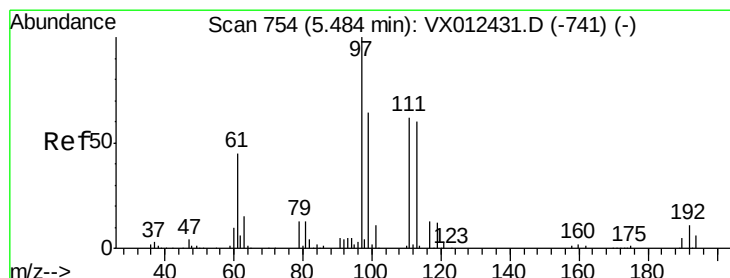
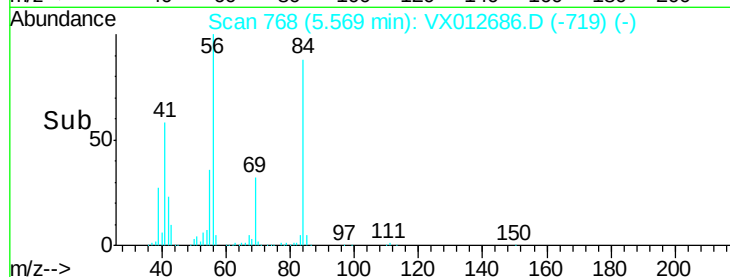
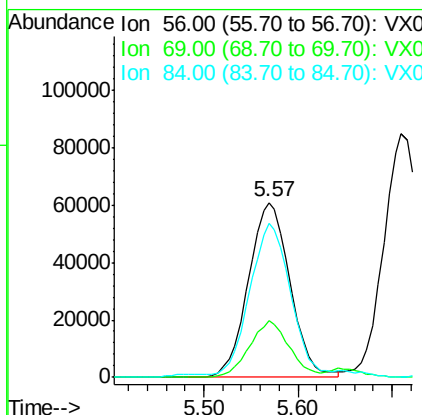
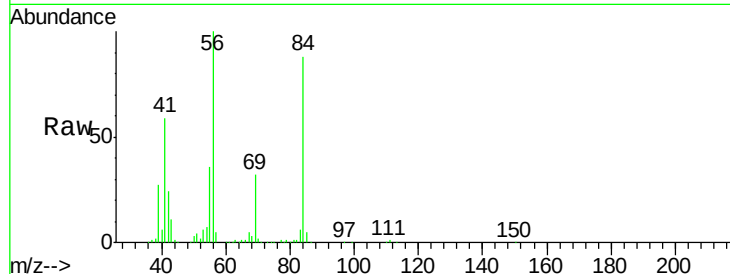
#31
Cyclohexane
Concen: 51.020 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		188407		
69	32.3	25.0		37.6	
84	86.6	66.4		99.6	

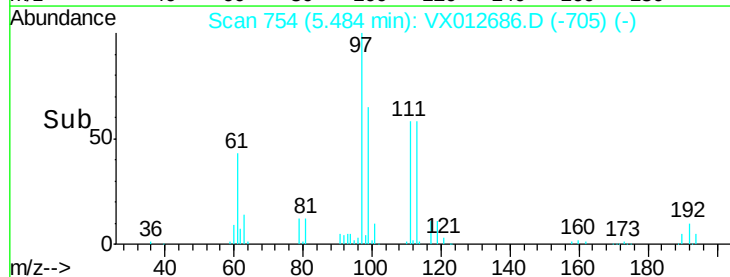
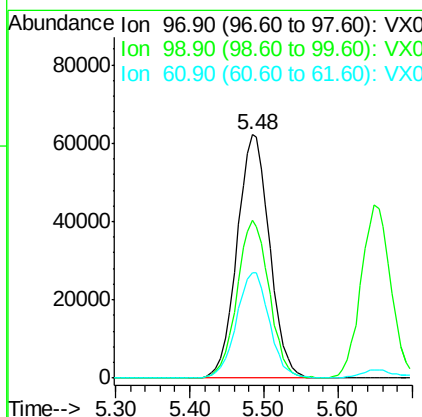
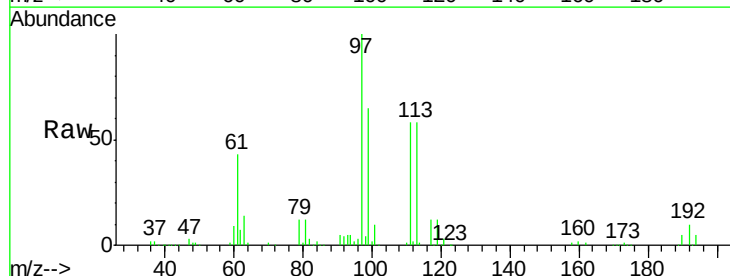
Manual Integrations
APPROVED

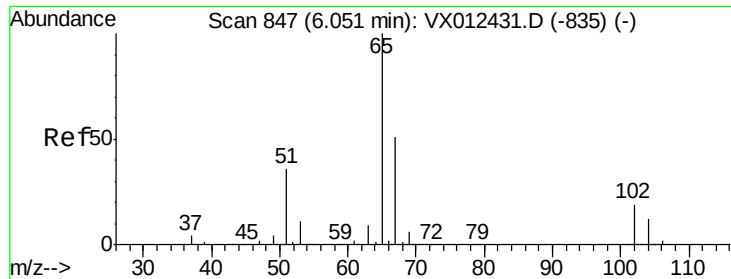
MMDadoda
9/27/2019 8:53:43 AM



#32
1,1,1-Trichloroethane
Concen: 51.243 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		189661		
99	64.5	51.3		76.9	
61	44.2	36.1		54.1	





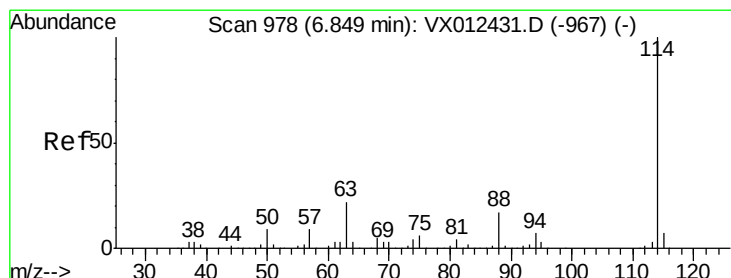
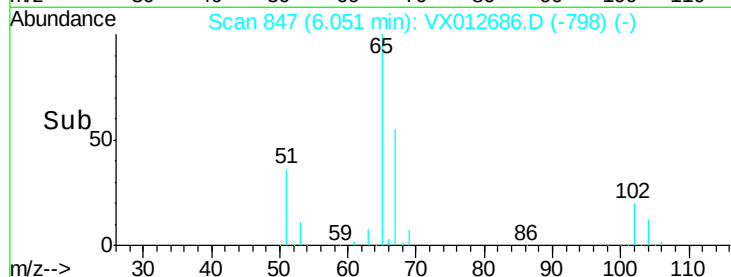
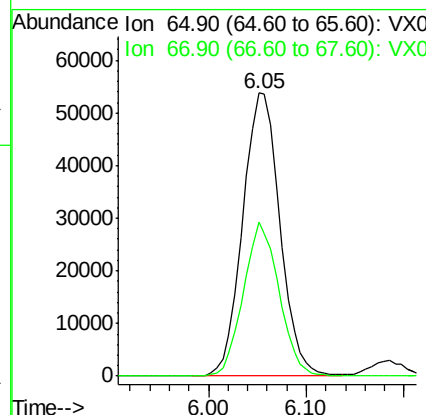
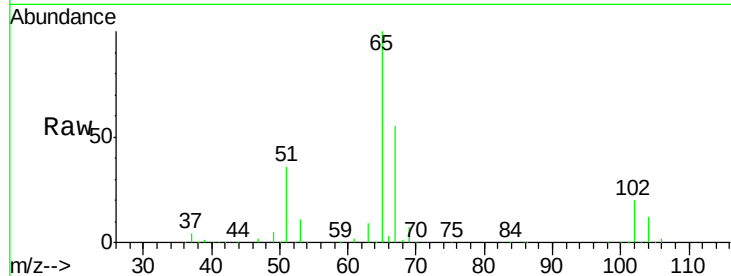
#33
 1,2-Dichloroethane-d4
 Concen: 53.480 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	141882		
67	52.1	0.0	101.2	

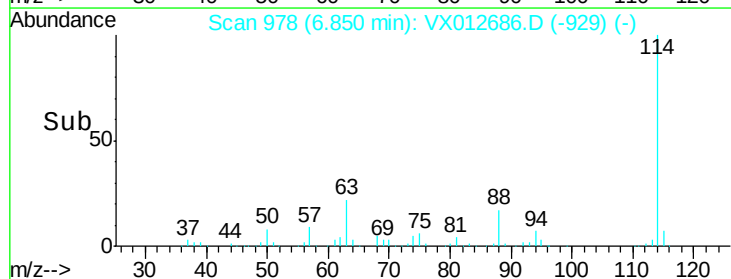
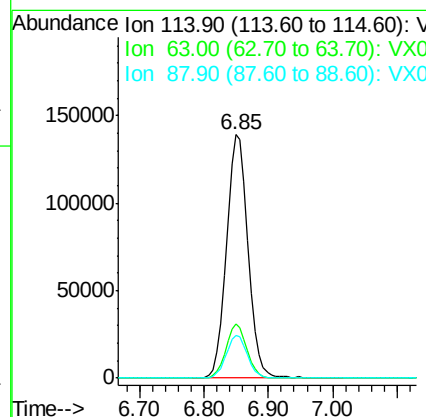
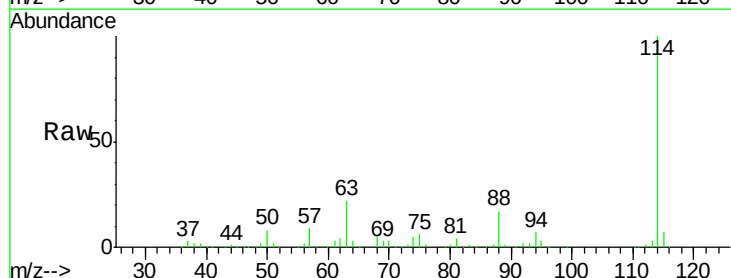
Manual Integrations
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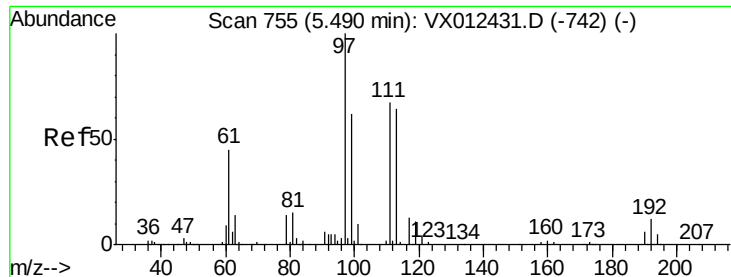
MMDadoda
 9/27/2019 8:53:43 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	328777		
63	22.0	0.0	43.2	
88	17.5	0.0	33.2	





#35

Dibromofluoromethane

Concen: 54.174 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

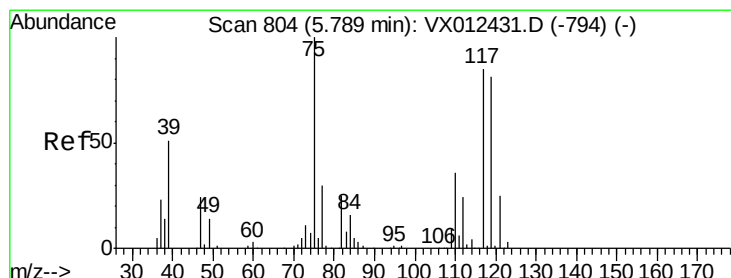
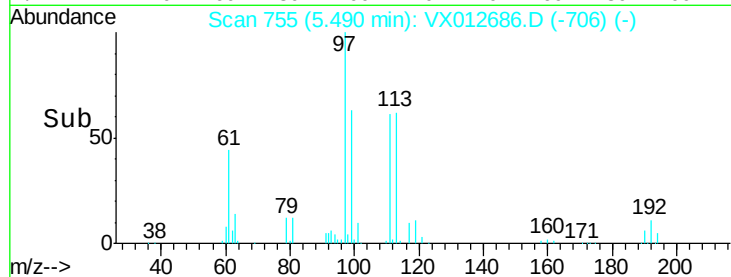
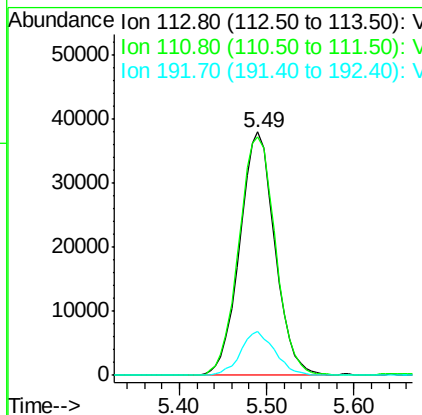
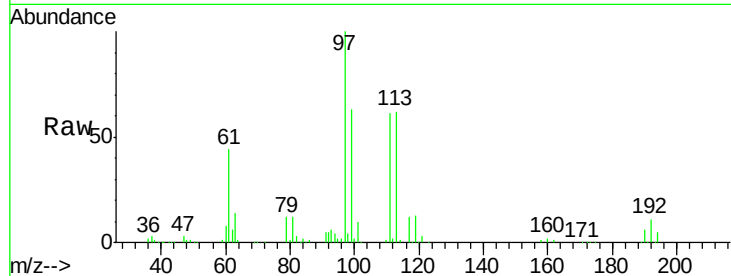
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	106074
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.2
192	17.7	14.4	21.6

Manual Integrations
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9/27/2019 8:53:43 AM



#36

1,1-Dichloropropene

Concen: 49.813 ug/l

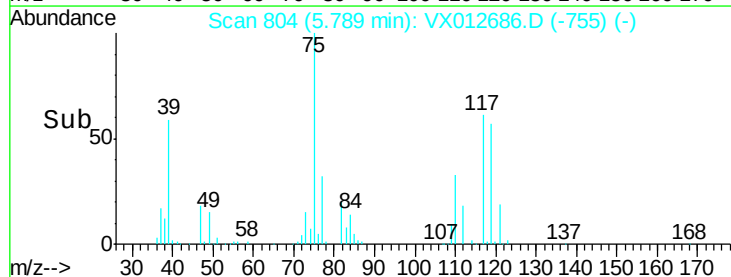
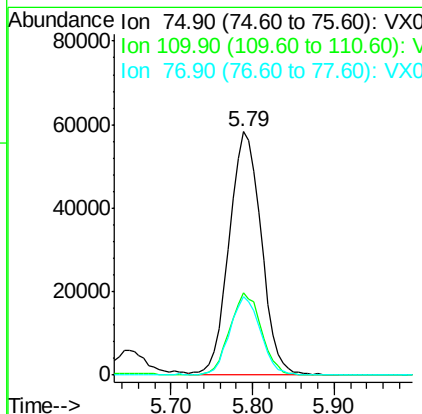
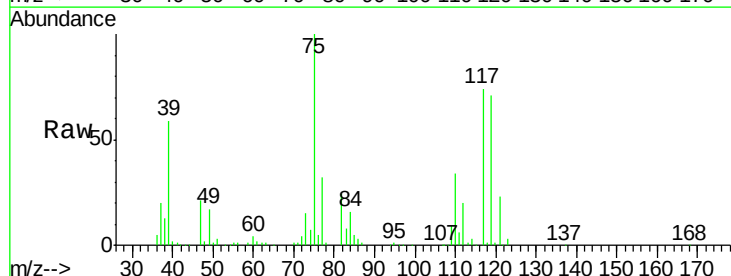
RT: 5.79 min Scan# 804

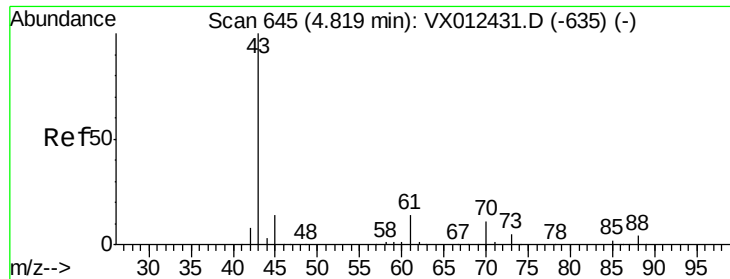
Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Tgt Ion:	75	Resp:	157861
Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.7	50.0
77	31.1	24.2	36.2





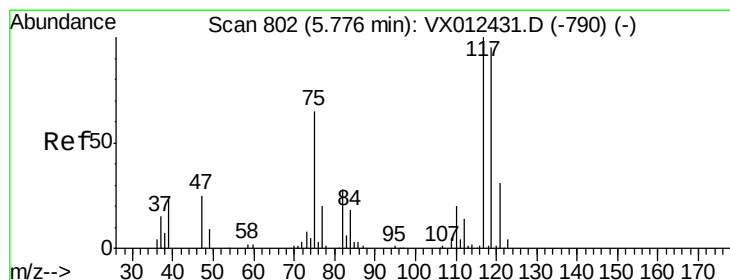
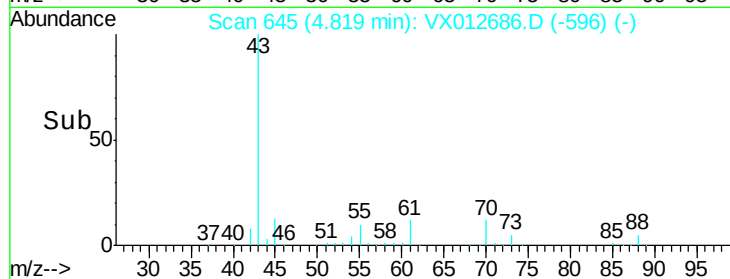
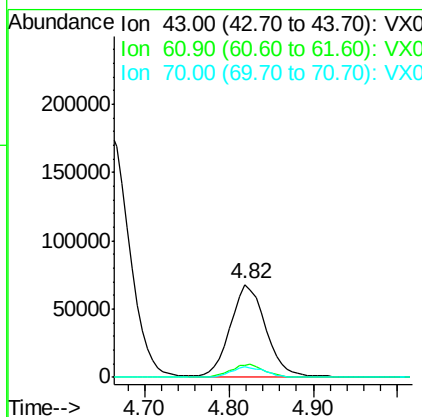
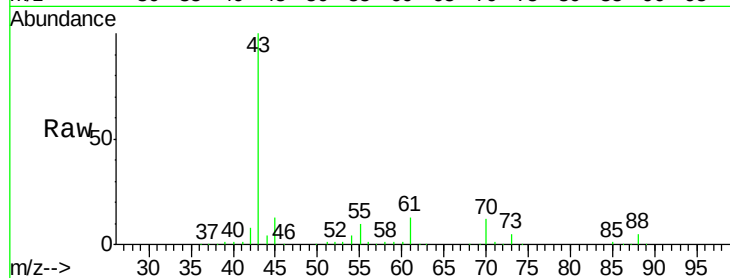
#37
Ethyl Acetate
Concen: 51.726 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.4
70	11.4	8.7	13.1

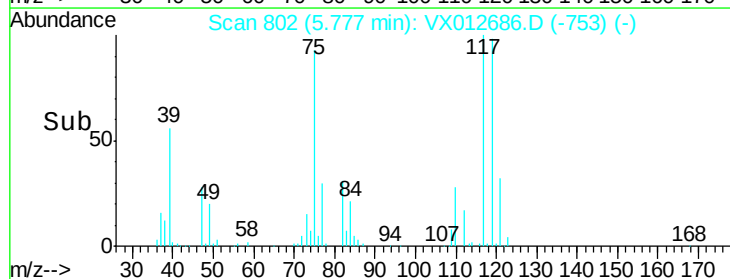
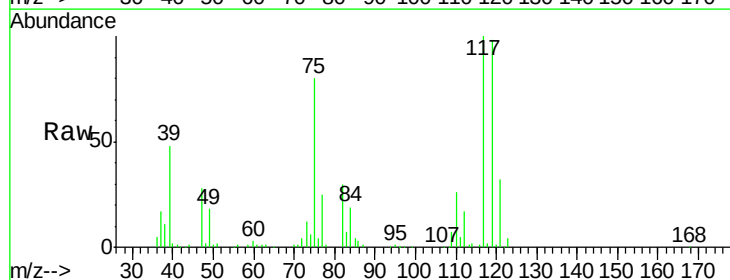
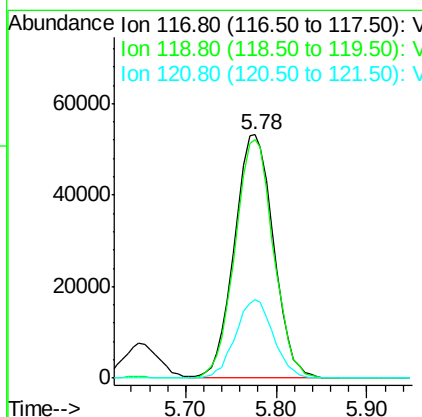
Manual Integrations
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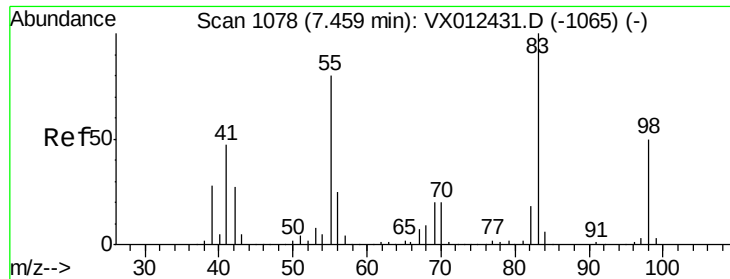
MMDadoda
9/27/2019 8:53:43 AM



#38
Carbon Tetrachloride
Concen: 49.560 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.7	113.5
121	32.1	24.2	36.4





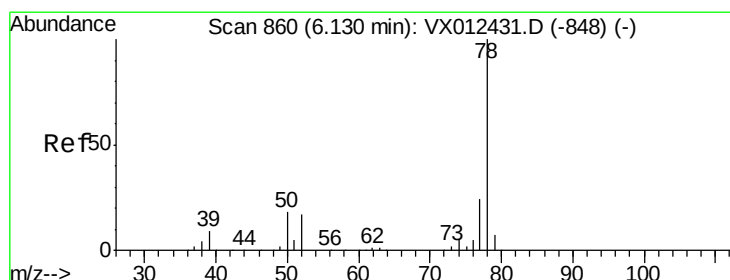
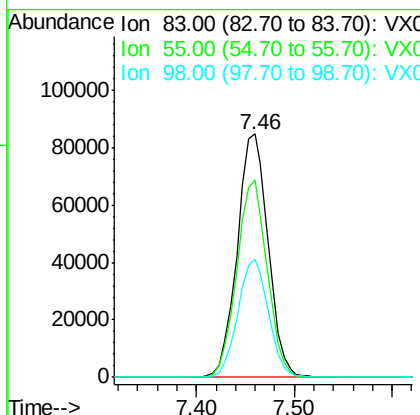
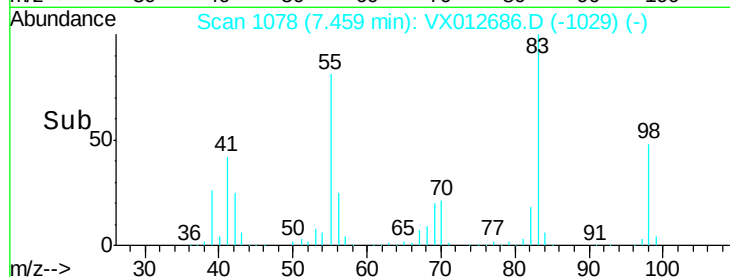
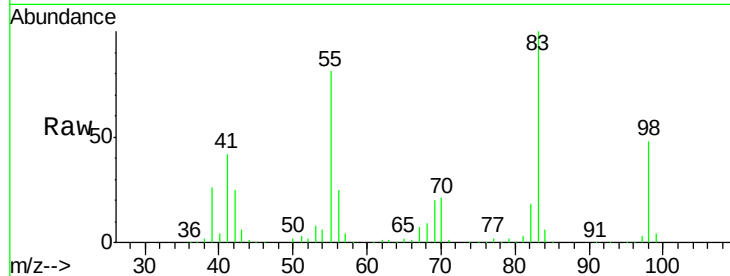
#39
Methylvlcyclohexane
Concen: 48.525 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	185129		
55	81.3	64.4	96.6	
98	48.5	40.1	60.1	

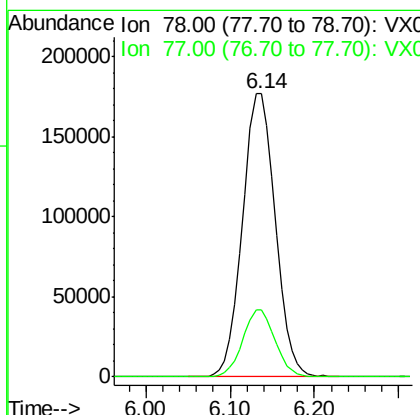
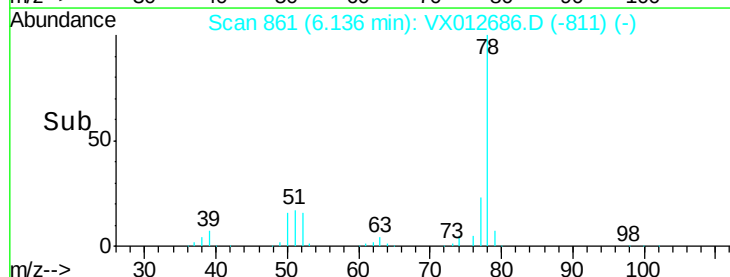
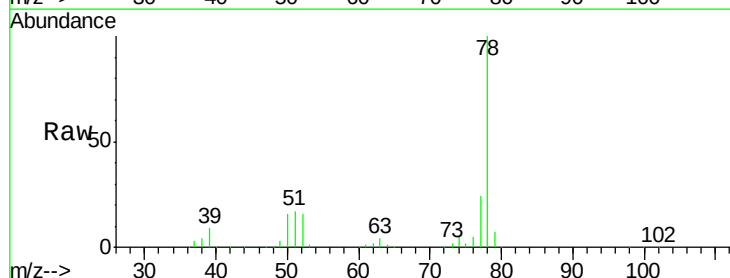
Manual Integrations
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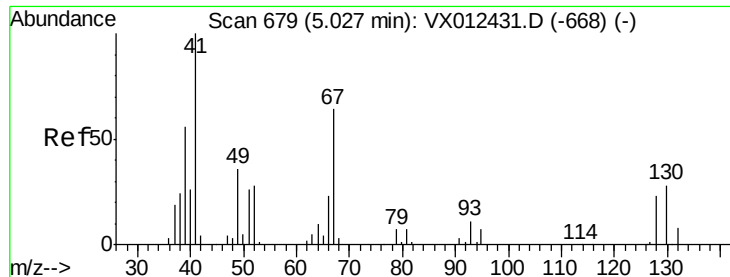
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#40
Benzene
Concen: 49.980 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	466024		
77	23.7	19.2	28.8	





#41

Methacrylonitrile

Concen: 50.875 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012686.D

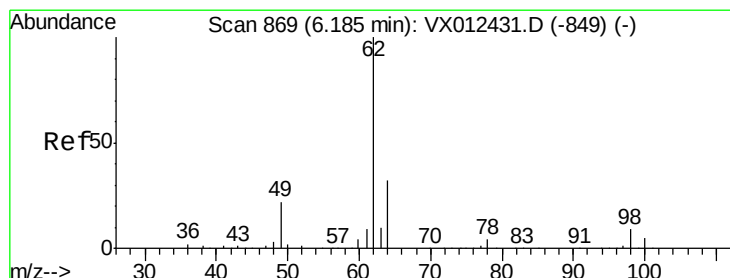
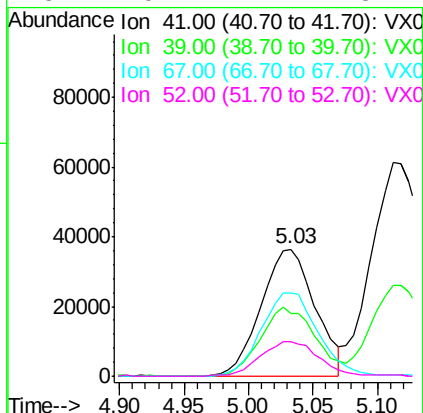
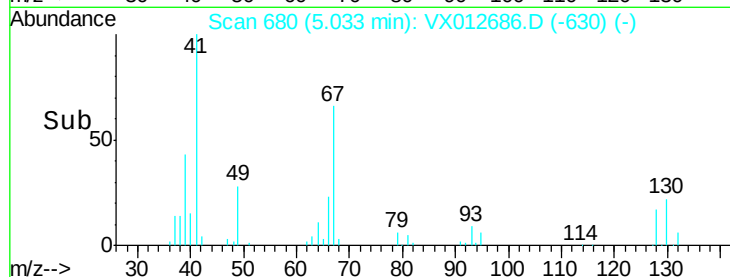
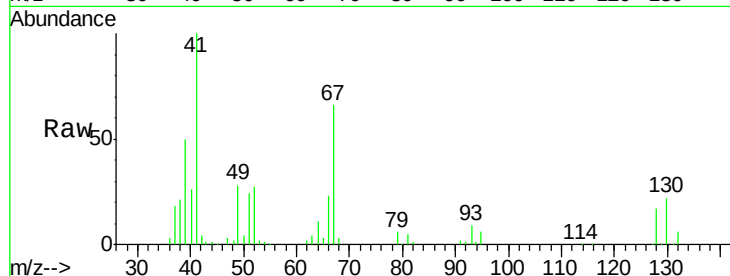
Acq: 26 Sep 2019 19:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.2	46.0	69.0		
67	69.4	52.2	78.2		
52	29.1	22.7	34.1		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:53:43 AM



#42

1,2-Dichloroethane

Concen: 51.039 ug/l

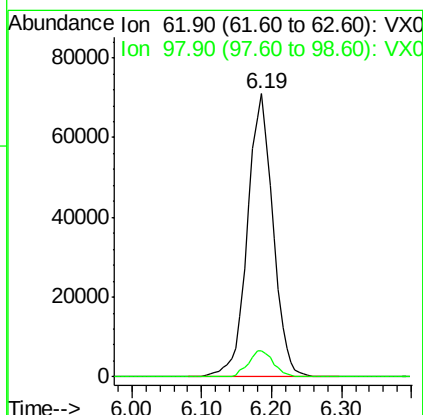
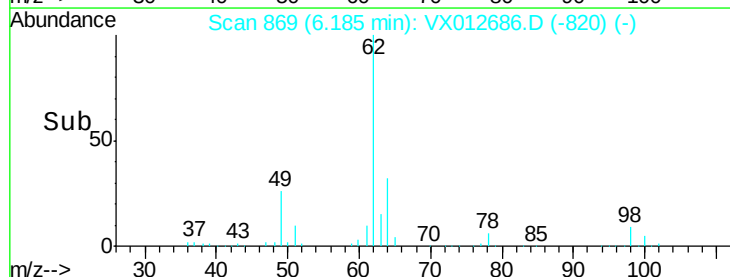
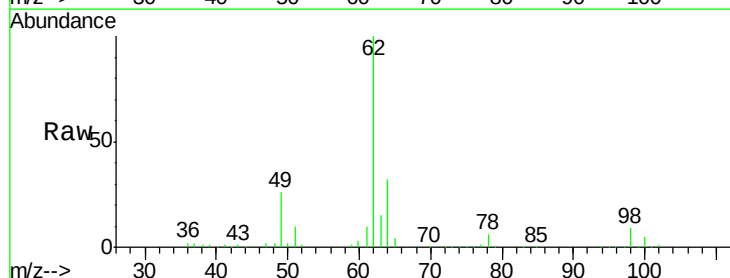
RT: 6.19 min Scan# 869

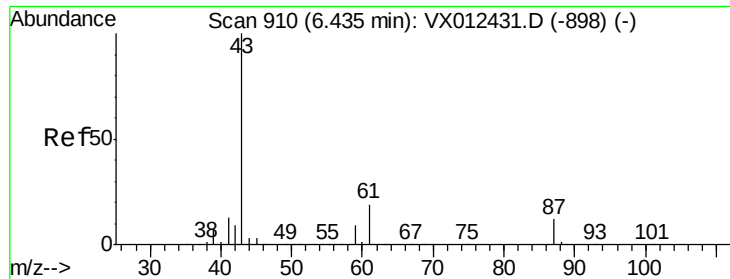
Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.2	0.0	17.8		





#43

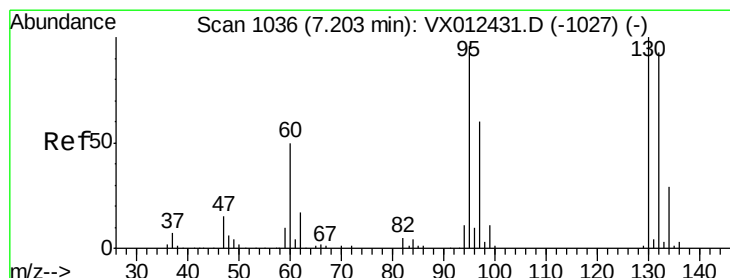
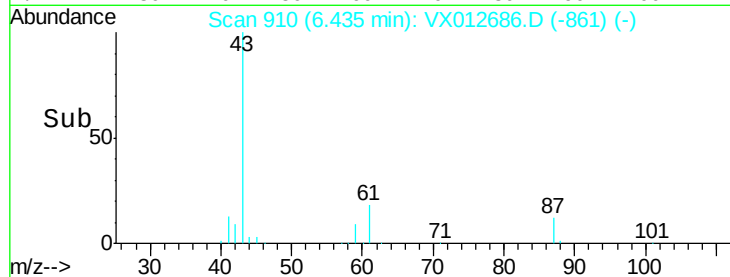
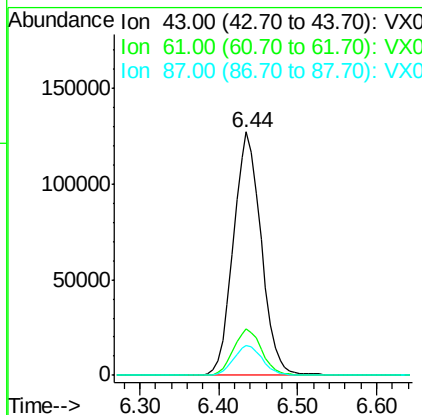
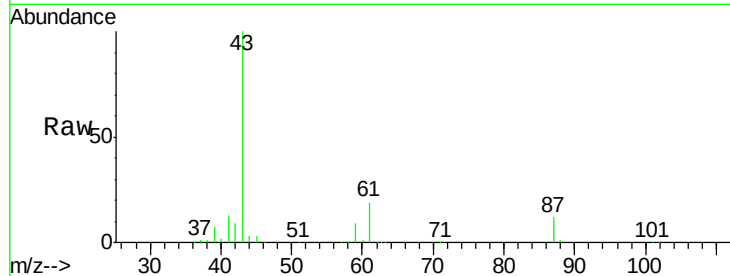
Isopropyl Acetate
 Concen: 50.290 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	12.7	9.8	14.8

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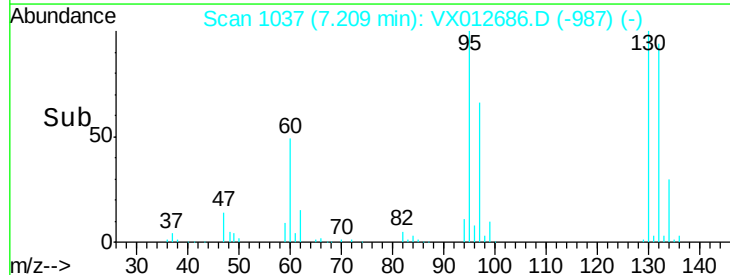
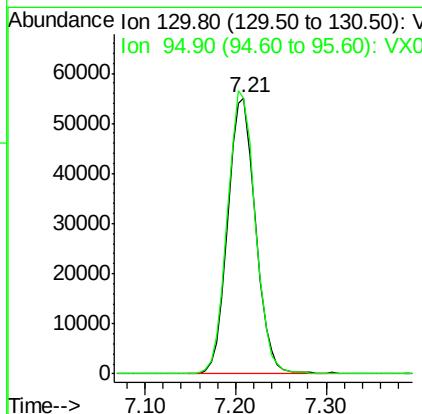
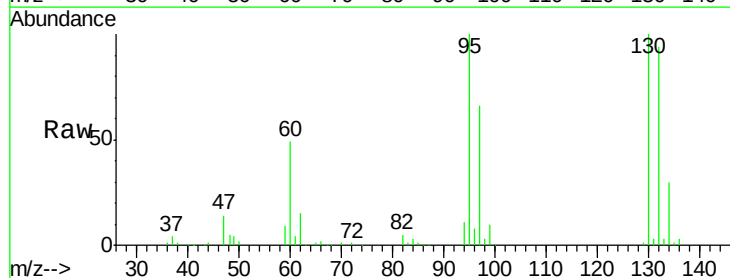
MMDadoda
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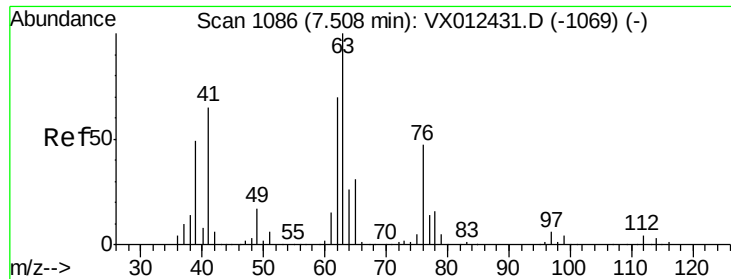


#44

Trichloroethene
 Concen: 49.333 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	193.0





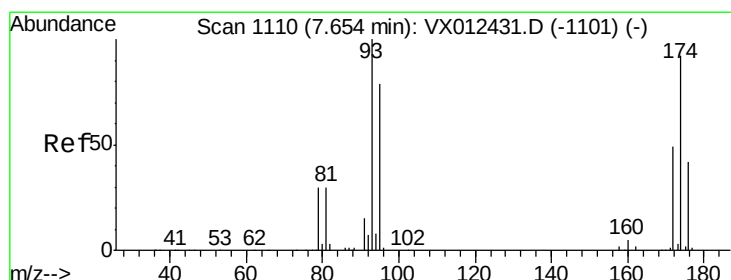
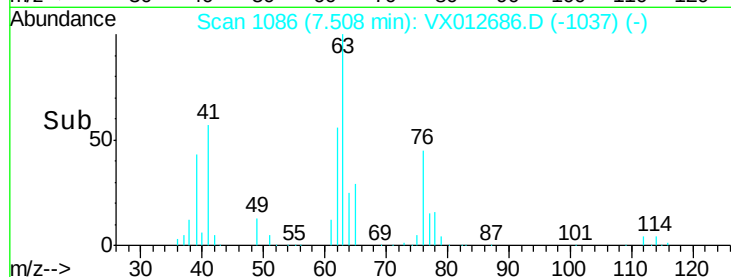
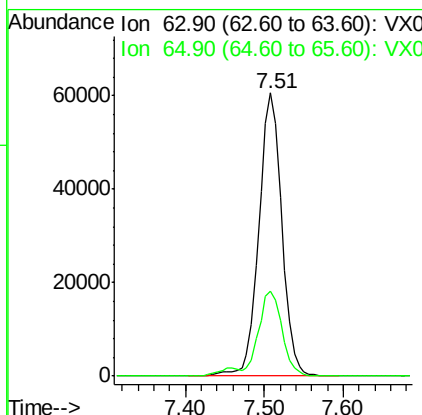
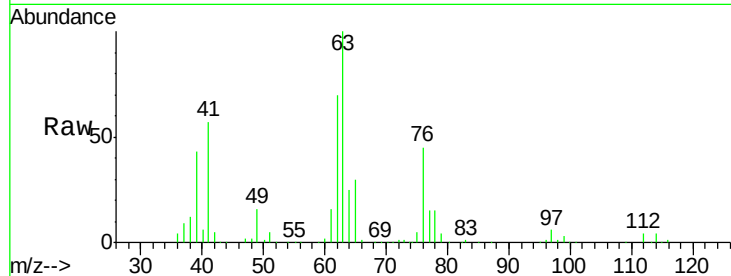
#45
 1,2-Dichloropropane
 Concen: 51.424 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 122760
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6

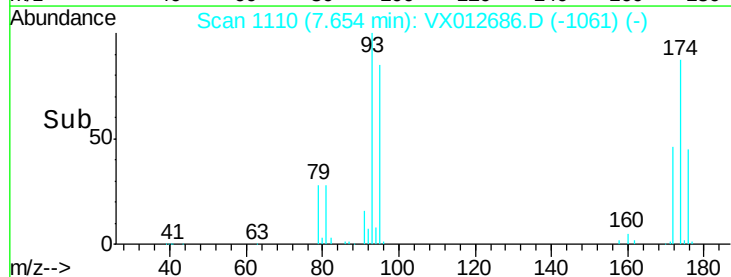
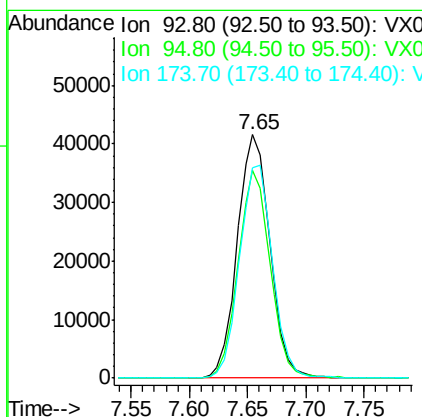
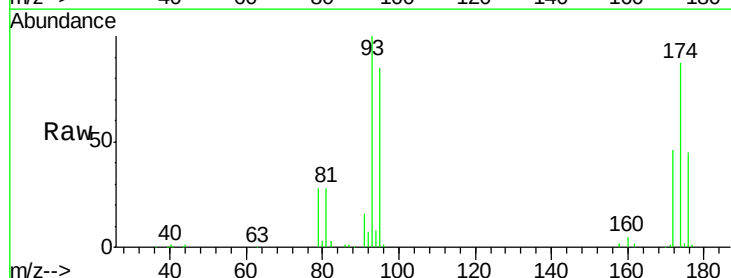
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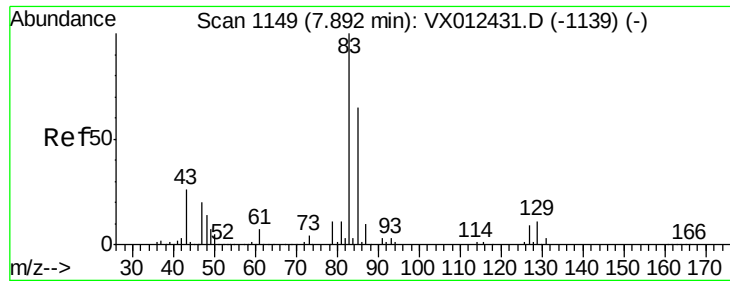
MMDadoda
 9/27/2019 8:53:43 AM



#46
 Dibromomethane
 Concen: 50.196 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion: 93 Resp: 81587
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 100.0
 174 88.1 77.4 116.0





#47

Bromodichloromethane

Concen: 50.577 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

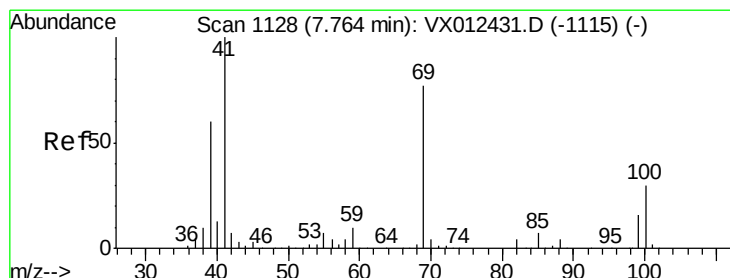
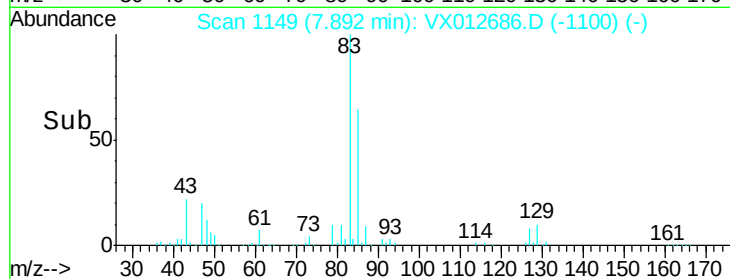
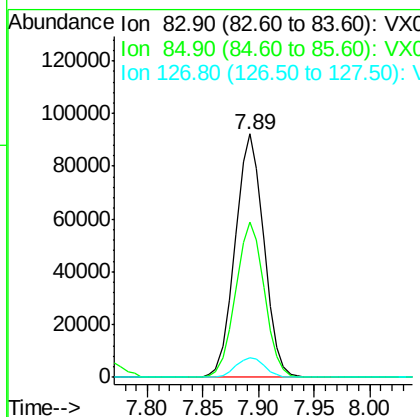
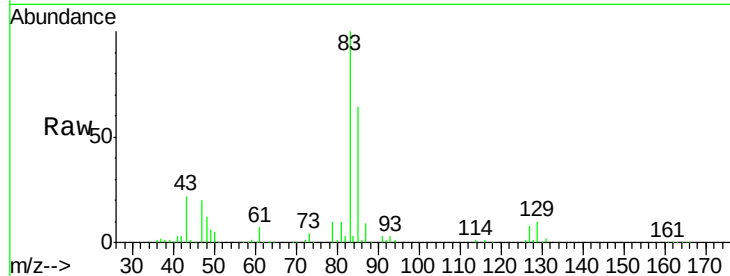
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	164297
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.6
127	7.9	7.3	10.9

Manual Integrations
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9/27/2019 8:53:43 AM



#48

Methyl methacrylate

Concen: 51.483 ug/l

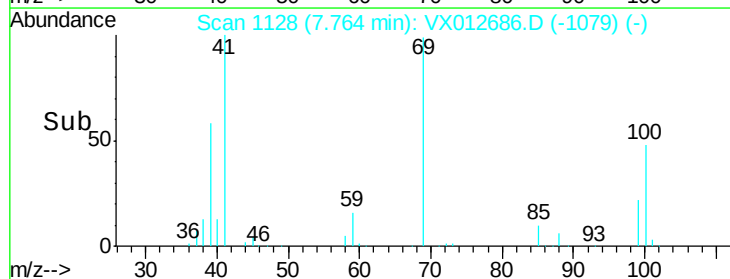
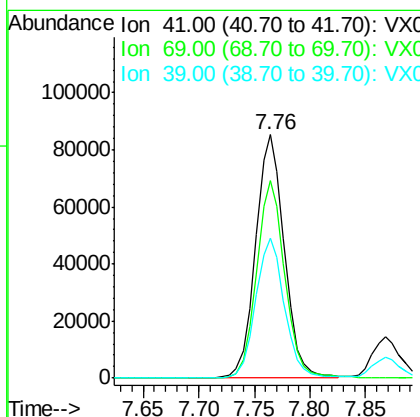
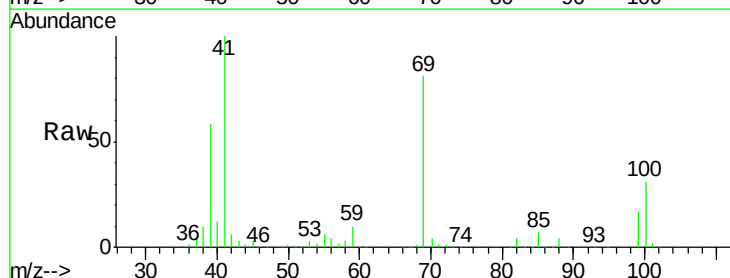
RT: 7.76 min Scan# 1128

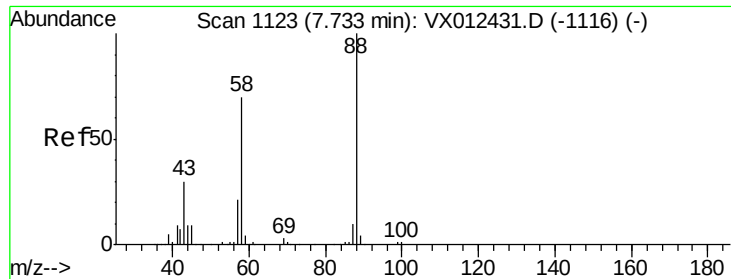
Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Tgt Ion:	41	Resp:	152950
Ion	Ratio	Lower	Upper
41	100		
69	80.1	59.9	89.9
39	58.2	47.8	71.6





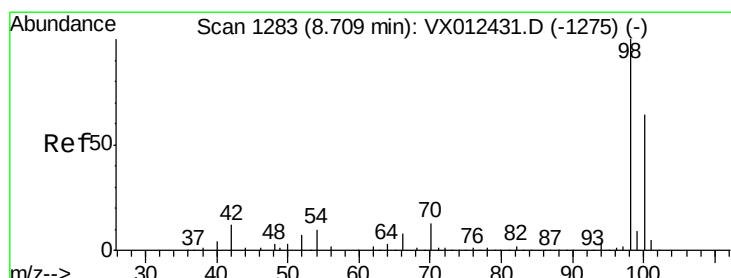
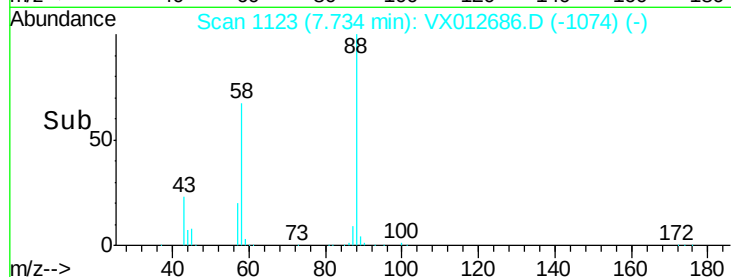
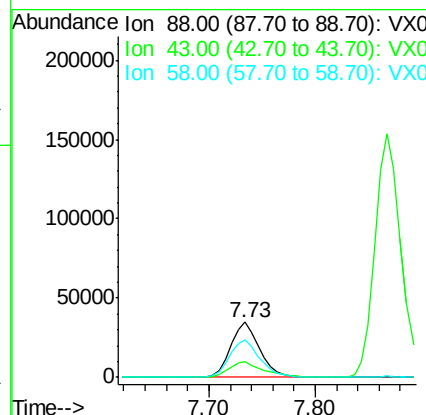
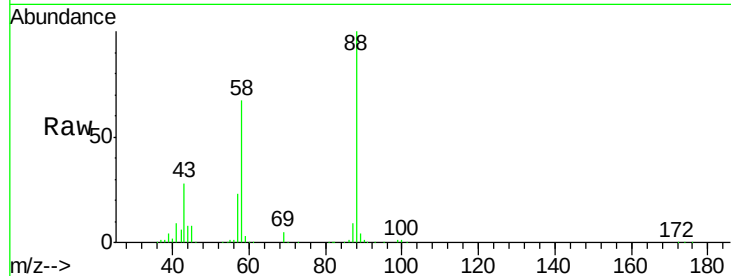
#49
1,4-Dioxane
Concen: 981.008 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	29.4	44.0
58	72.3	57.5	86.3

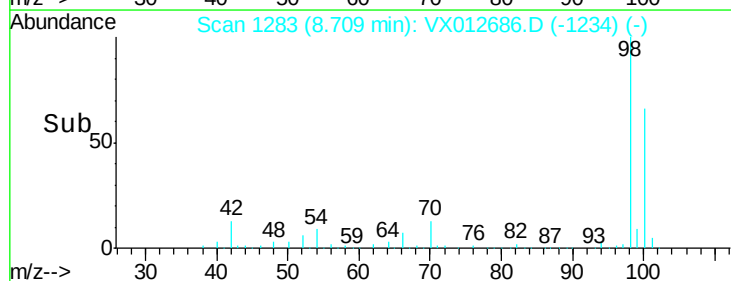
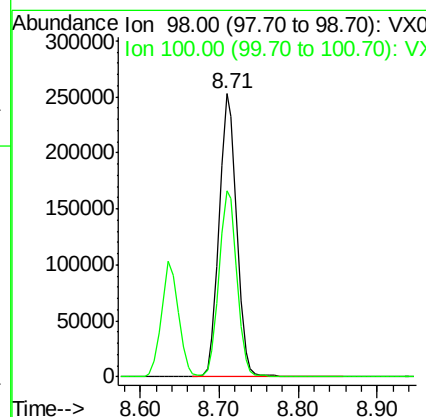
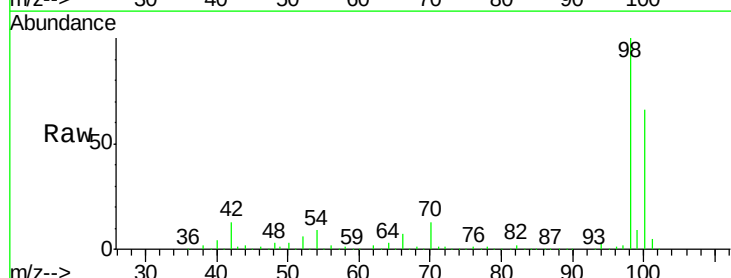
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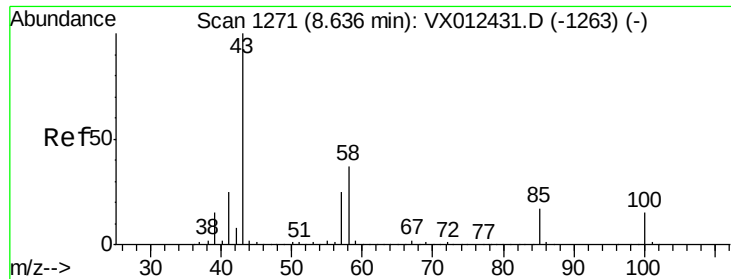
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#50
Toluene-d8
Concen: 52.393 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 254.808 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 974536

Ion Ratio Lower Upper

43 100

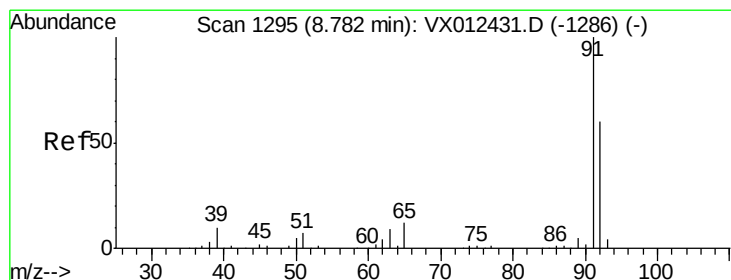
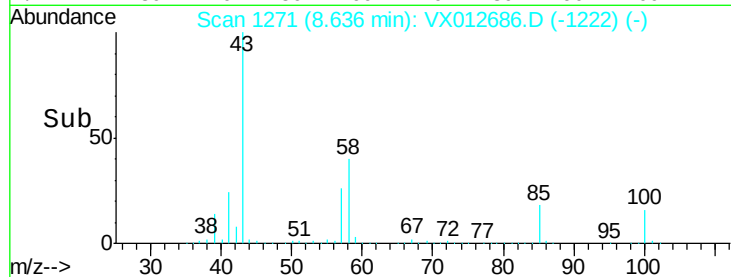
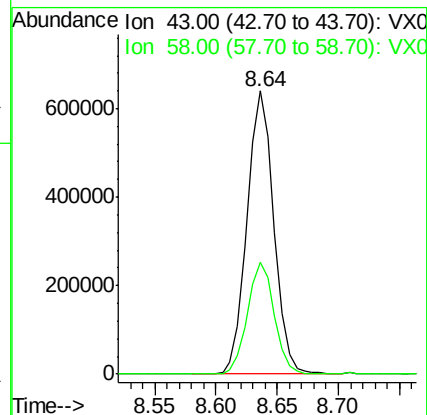
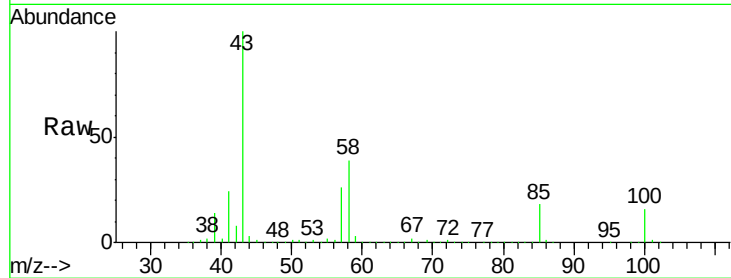
58 39.2 29.8 44.6

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#52

Toluene

Concen: 51.028 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012686.D

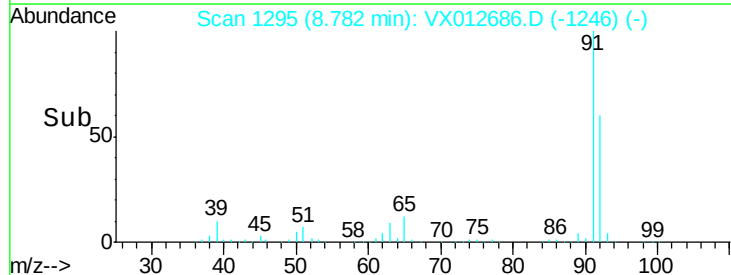
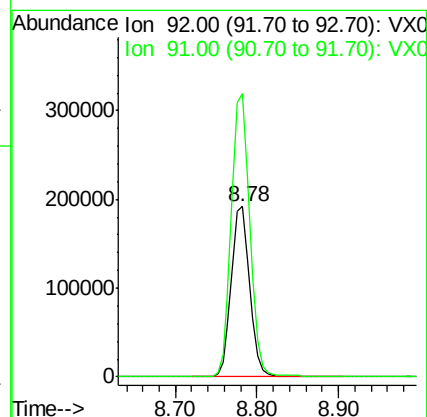
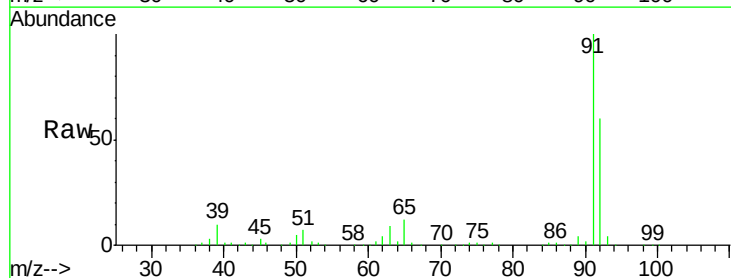
Acq: 26 Sep 2019 19:57

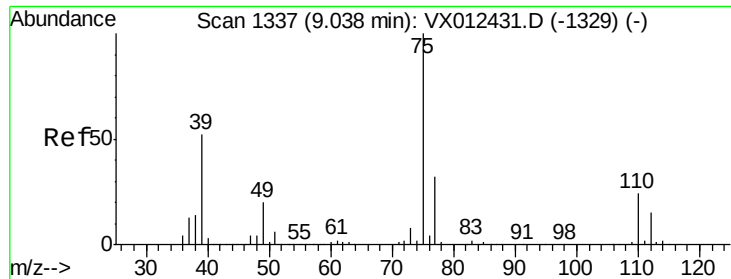
Tgt Ion: 92 Resp: 299043

Ion Ratio Lower Upper

92 100

91 167.1 135.4 203.0





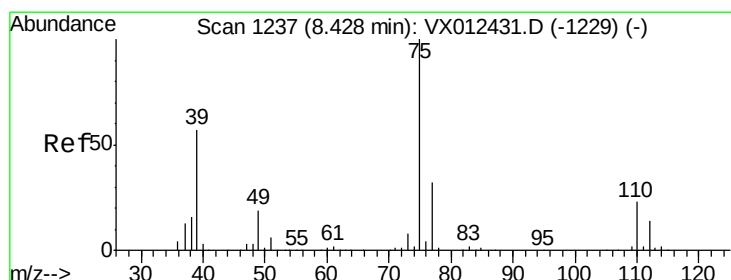
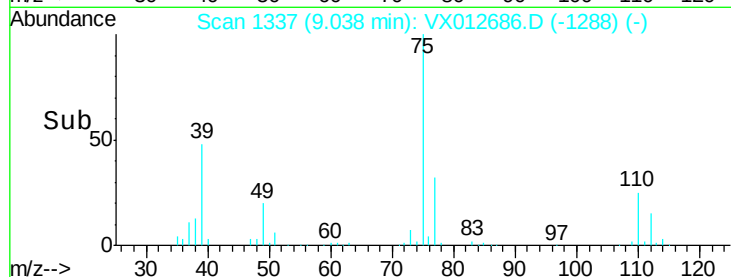
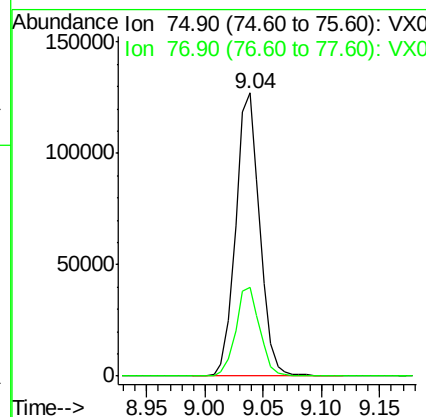
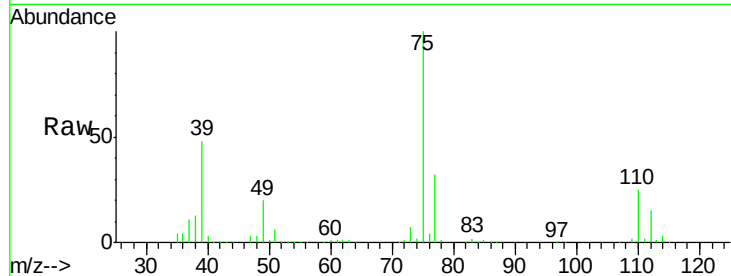
#53
 t-1,3-Dichloropropene
 Concen: 50.811 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 182623
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8

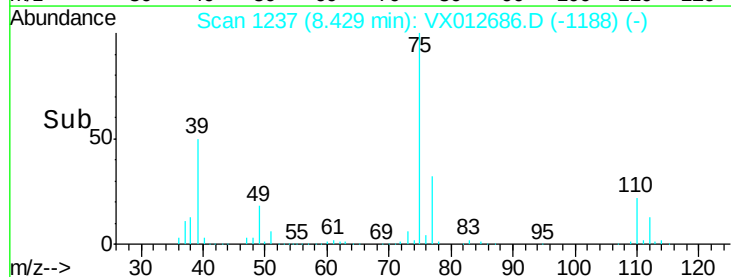
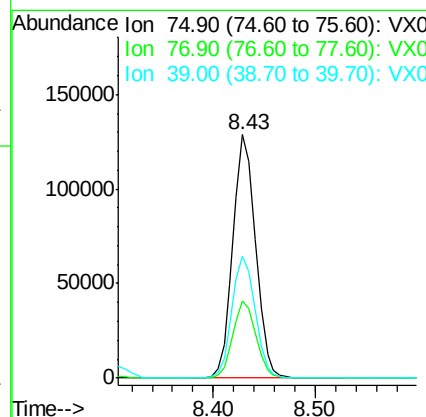
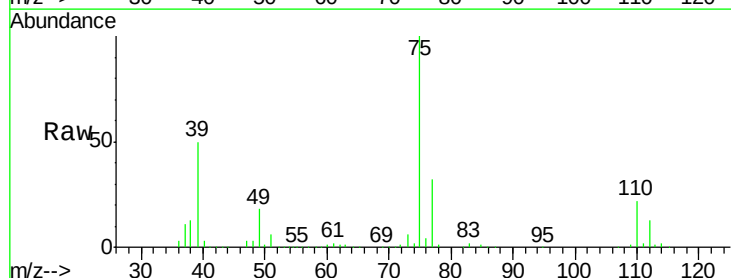
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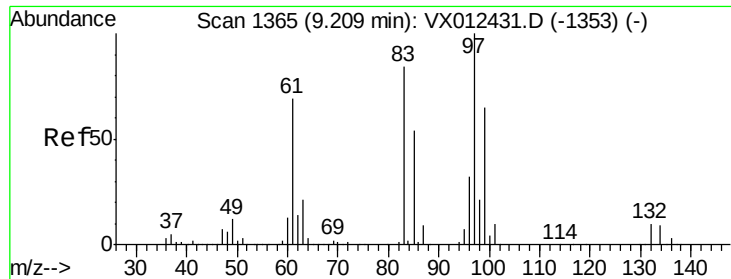
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#54
 cis-1,3-Dichloropropene
 Concen: 50.630 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion: 75 Resp: 198685
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 39 50.1 45.5 68.3





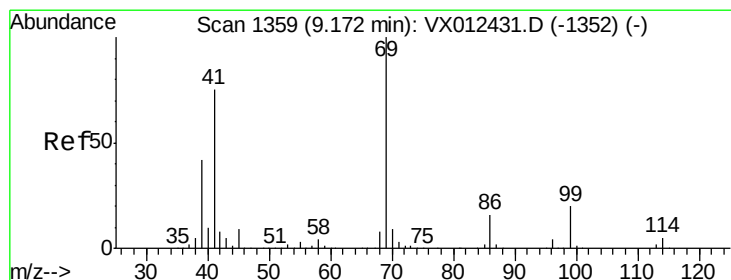
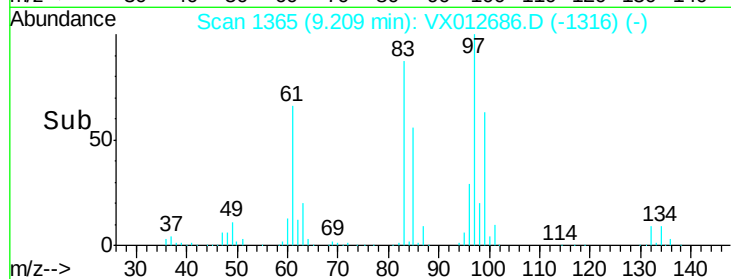
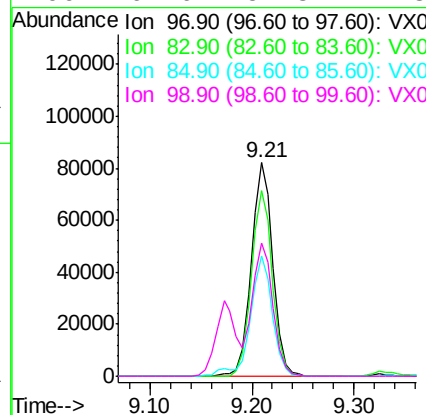
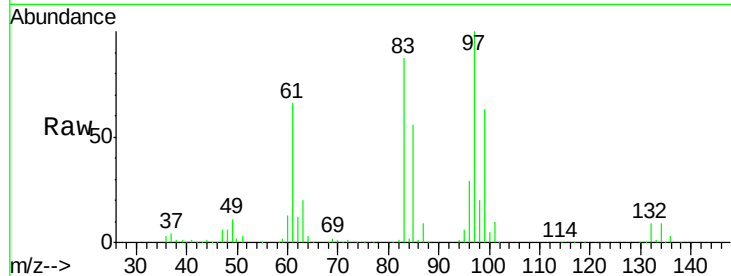
#55
 1,1,2-Trichloroethane
 Concen: 51.370 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	119689
Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.4	101.2
85	56.1	43.5	65.3
99	62.6	51.8	77.8

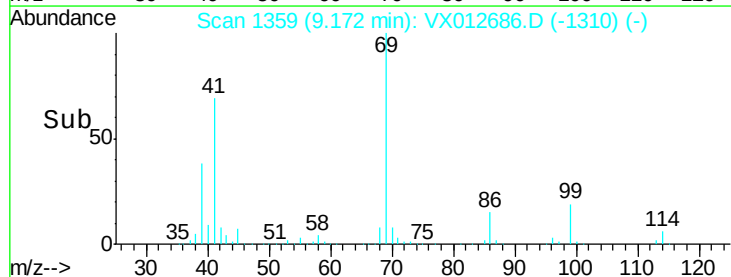
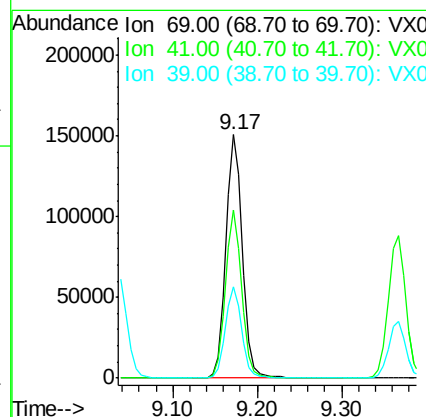
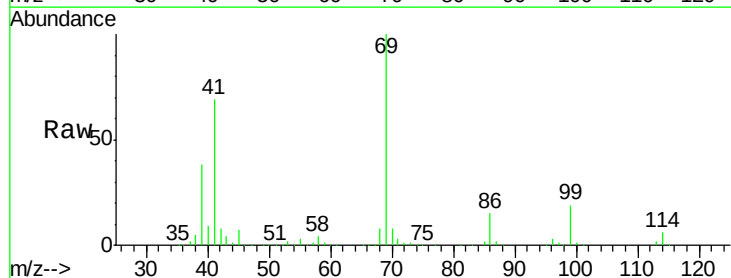
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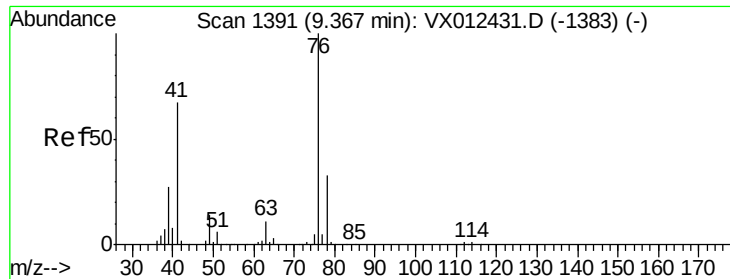
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#56
 Ethyl methacrylate
 Concen: 52.227 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion:	69	Resp:	204430
Ion	Ratio	Lower	Upper
69	100		
41	68.5	58.4	87.6
39	37.5	33.4	50.0





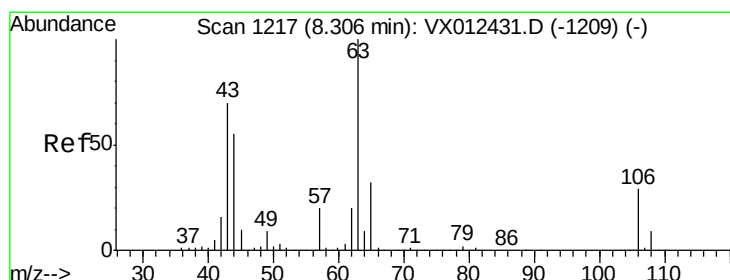
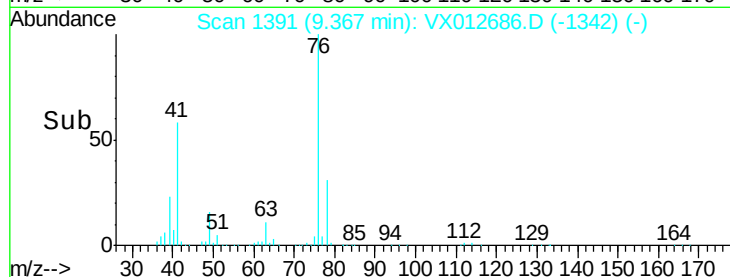
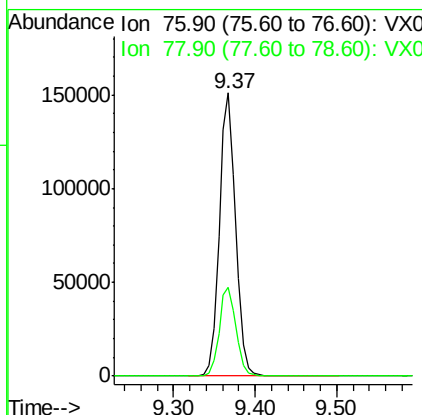
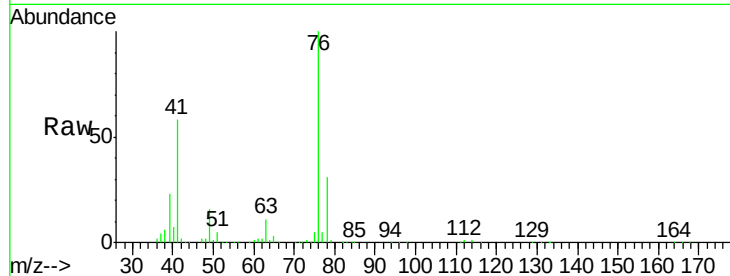
#57
 1,3-Dichloropropane
 Concen: 51.657 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 210643
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2

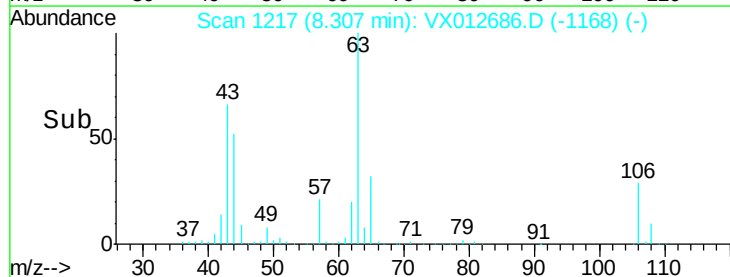
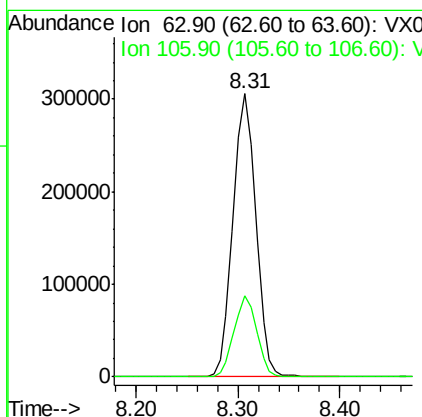
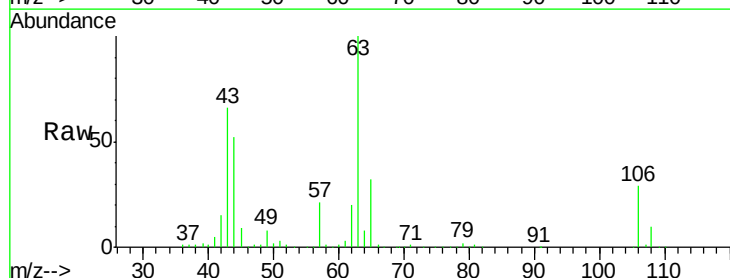
Manual Integrations
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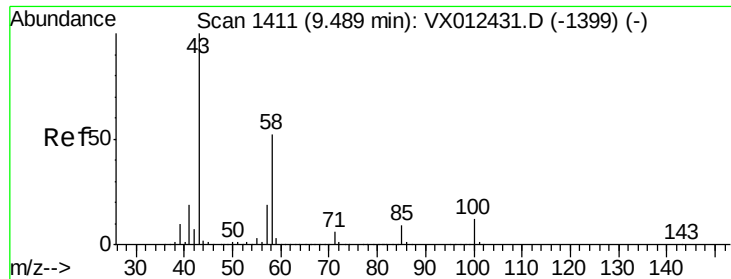
MMDadoda
 9/27/2019 8:53:43 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.082 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion: 63 Resp: 474537
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.8 35.6





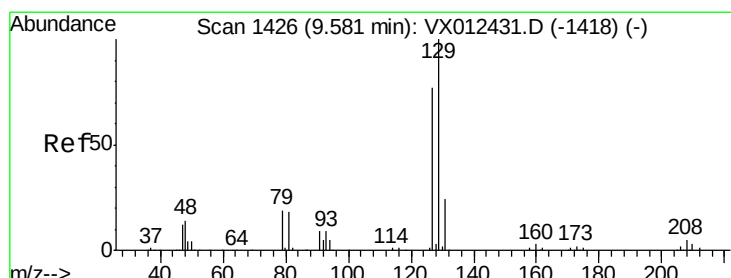
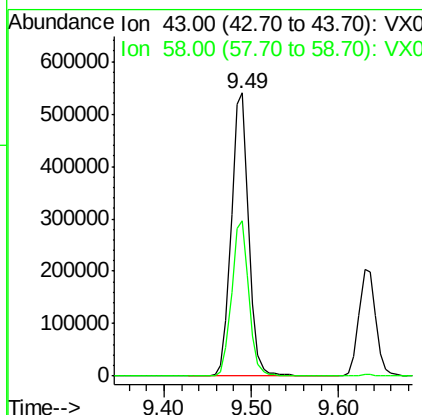
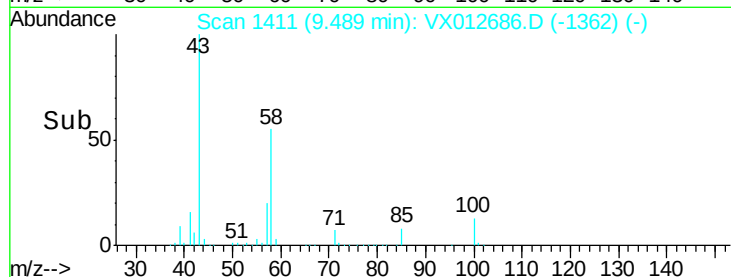
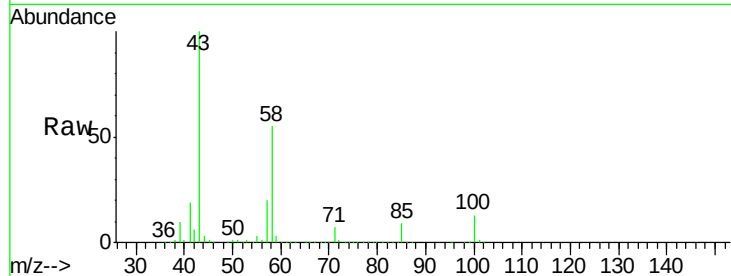
#59
2-Hexanone
Concen: 256.459 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 750783
Ion Ratio Lower Upper
43 100
58 54.3 25.7 77.1

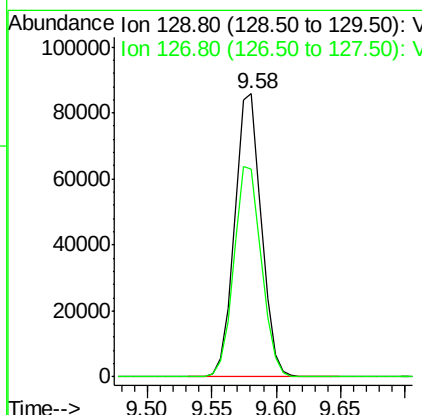
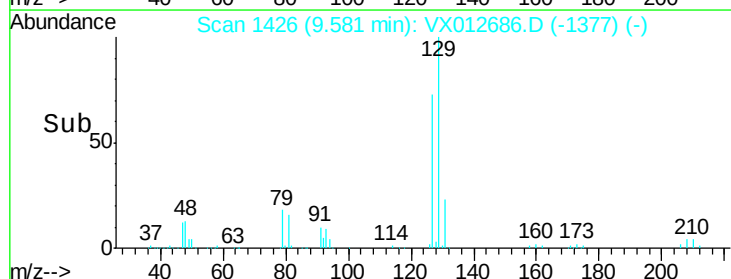
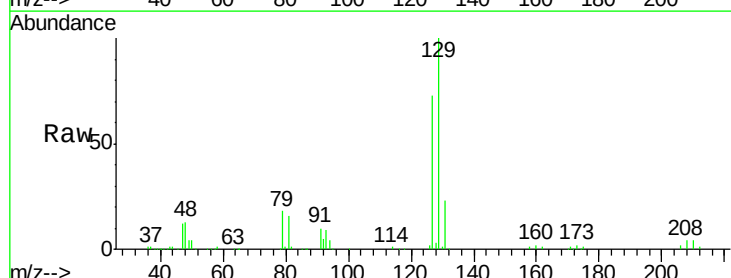
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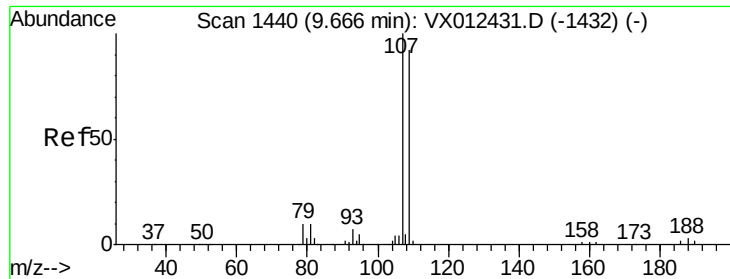
MMDadoda
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#60
Dibromochloromethane
Concen: 52.623 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion: 129 Resp: 124114
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.511 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 124905

Ion Ratio Lower Upper

107 100

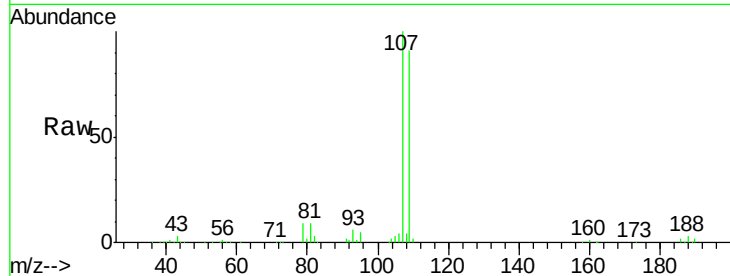
109 93.2 74.7 112.1

Manual Integrations

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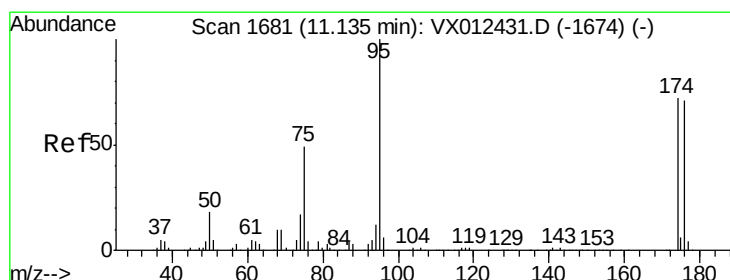
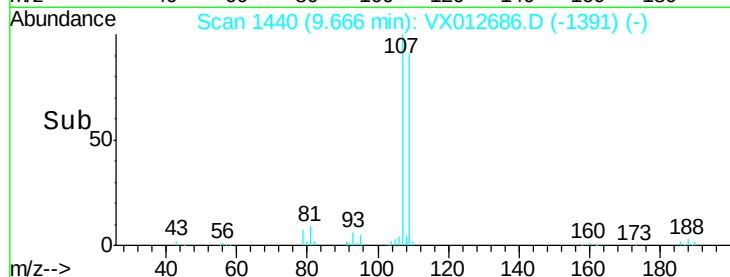
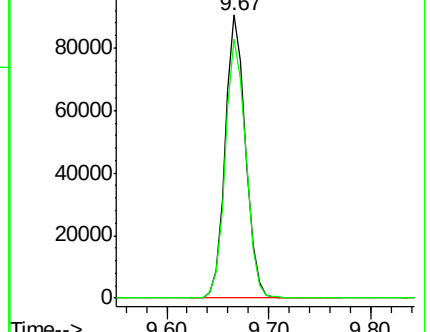
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.605 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

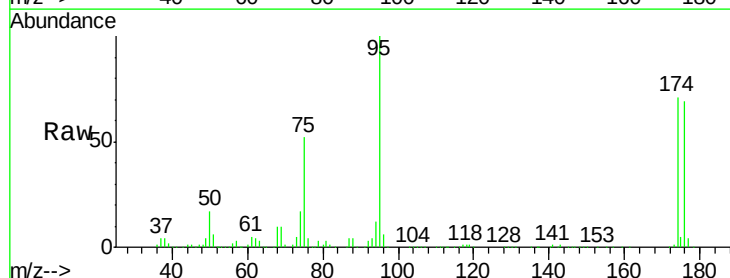
Tgt Ion: 95 Resp: 155970

Ion Ratio Lower Upper

95 100

174 67.9 0.0 140.0

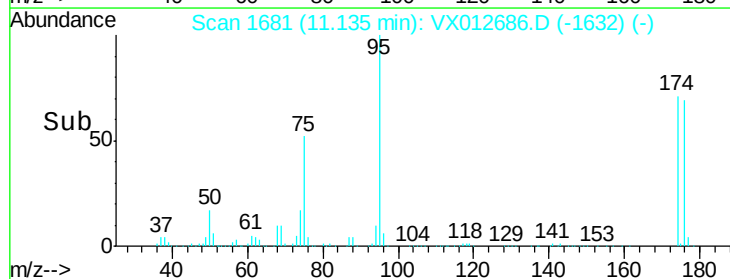
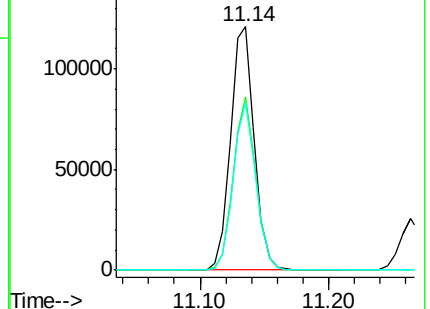
176 65.7 0.0 135.4

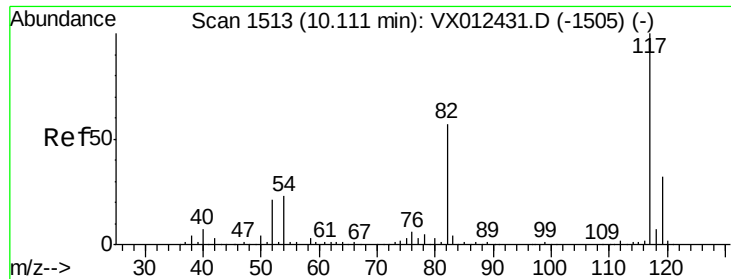


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

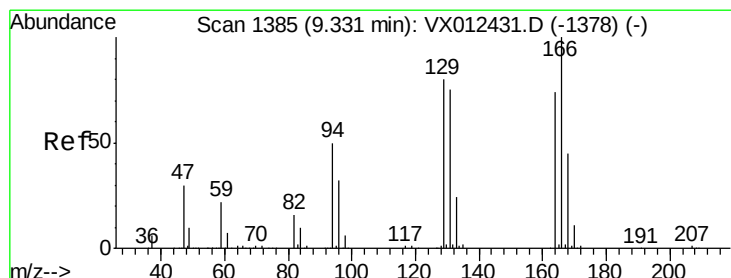
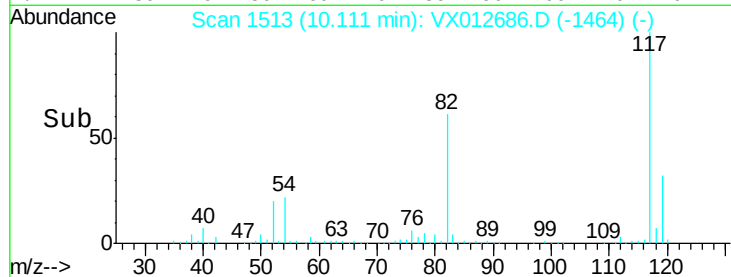
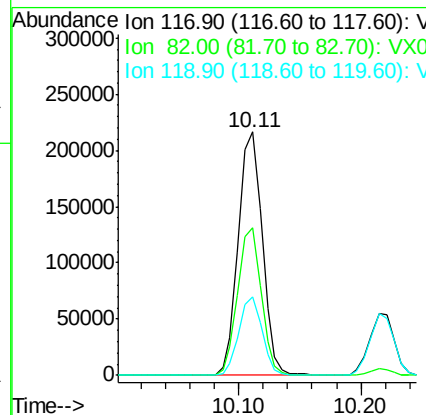
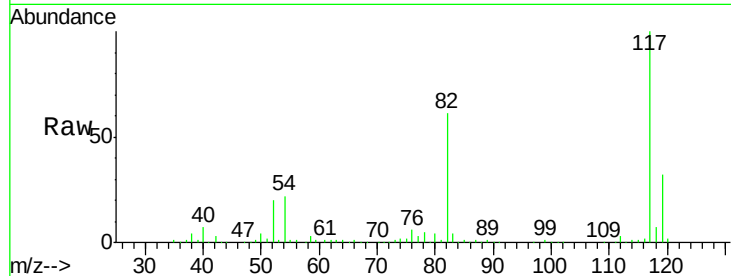
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	294404
Ion Ratio	Lower	Upper	
117	100		
82	60.5	45.9	68.9
119	32.2	25.3	37.9

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#64

Tetrachloroethene

Concen: 51.323 ug/l

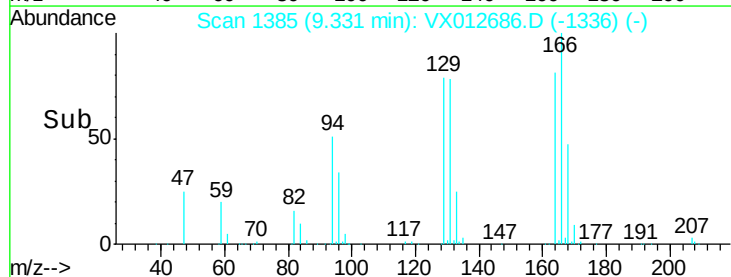
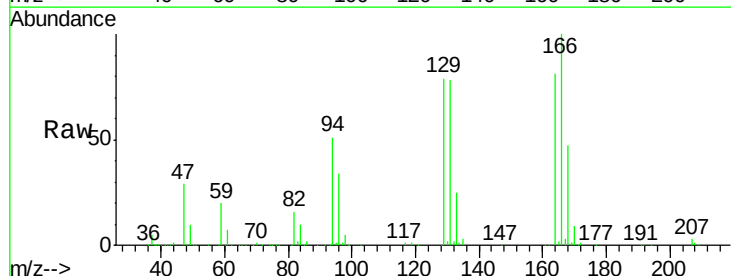
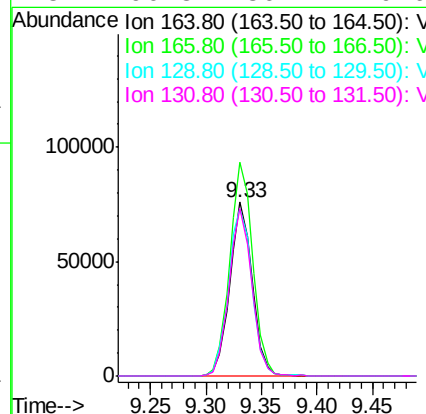
RT: 9.33 min Scan# 1385

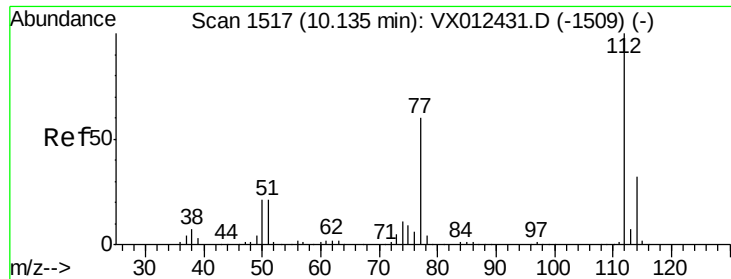
Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Tgt Ion:	164	Resp:	105348
Ion Ratio	Lower	Upper	
164	100		
166	123.1	107.8	161.6
129	96.8	86.2	129.2
131	96.3	80.4	120.6





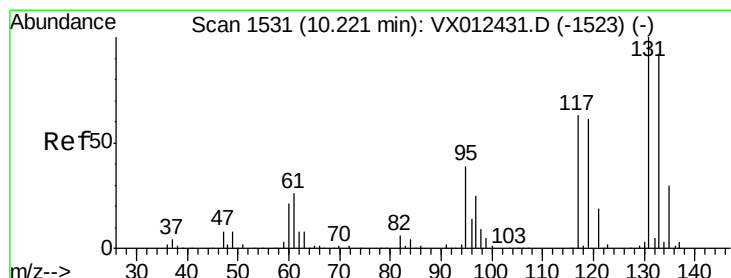
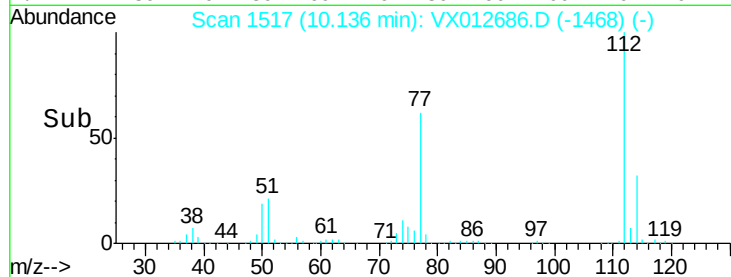
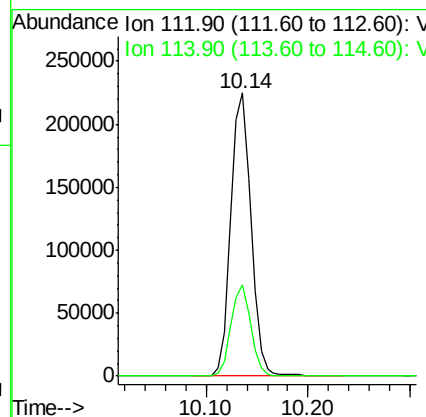
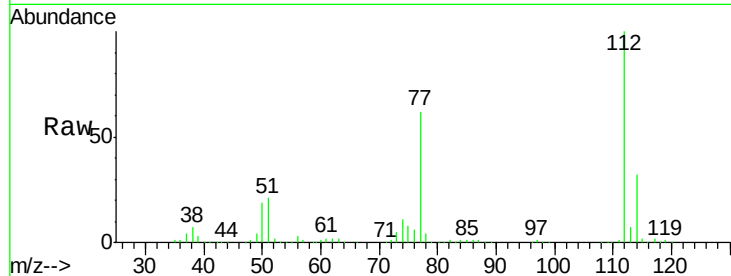
#65
Chlorobenzene
Concen: 49.842 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 309001
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

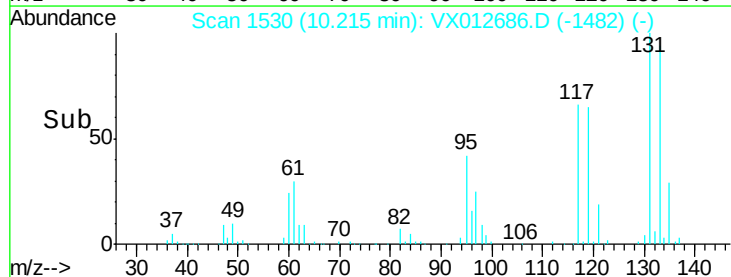
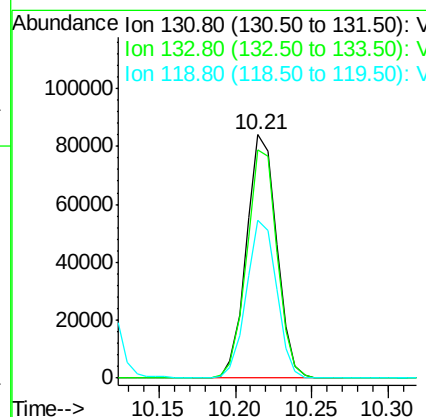
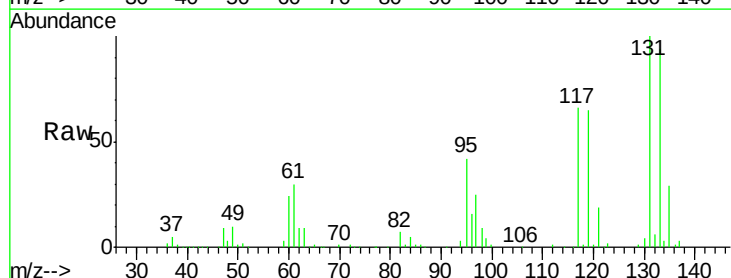
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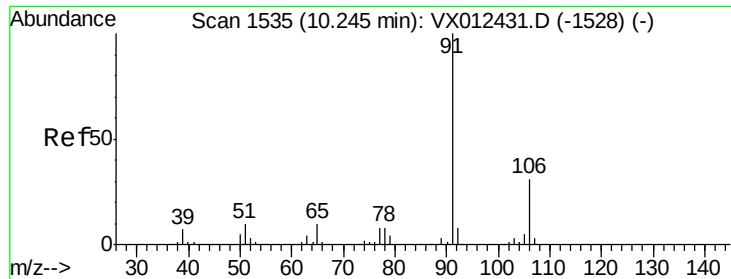
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.381 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion:131 Resp: 115415
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 64.7 31.3 93.8





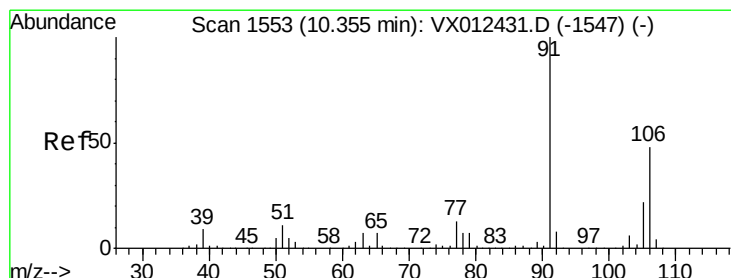
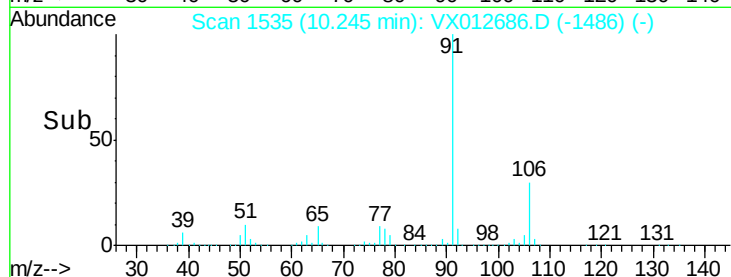
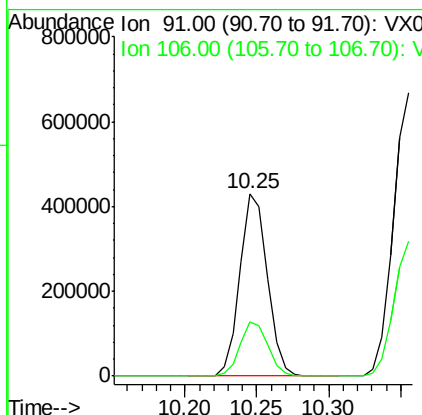
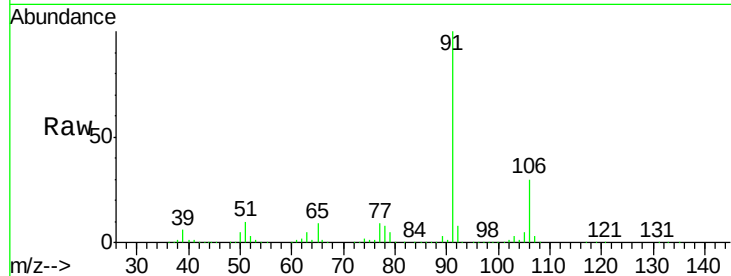
#67
Ethyl Benzene
Concen: 50.978 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 573217
Ion Ratio Lower Upper
91 100
106 29.9 24.6 37.0

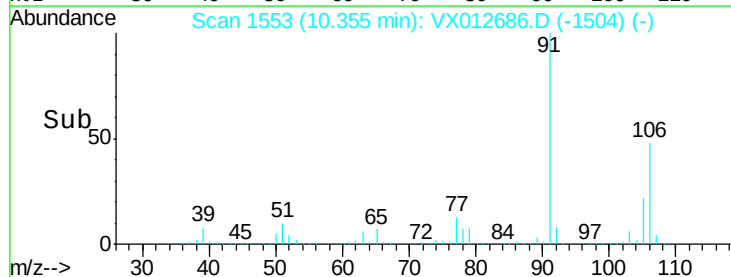
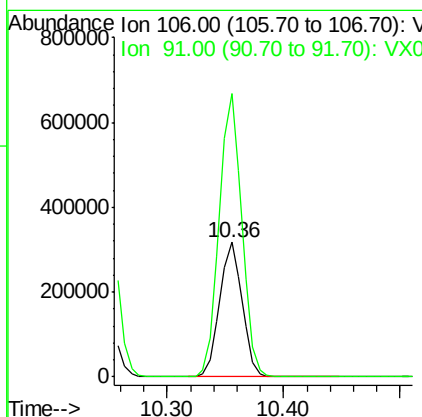
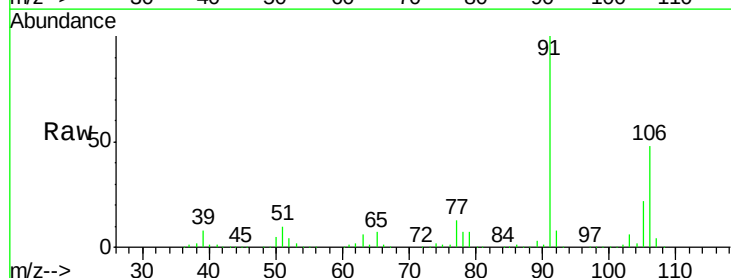
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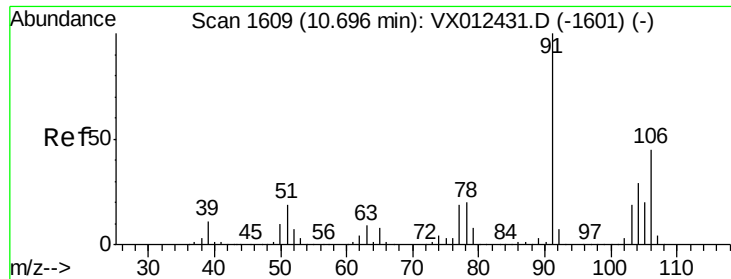
MMDadoda
9/27/2019 8:53:43 AM



#68
m/p-Xylenes
Concen: 100.730 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion: 106 Resp: 424288
Ion Ratio Lower Upper
106 100
91 210.8 166.6 250.0





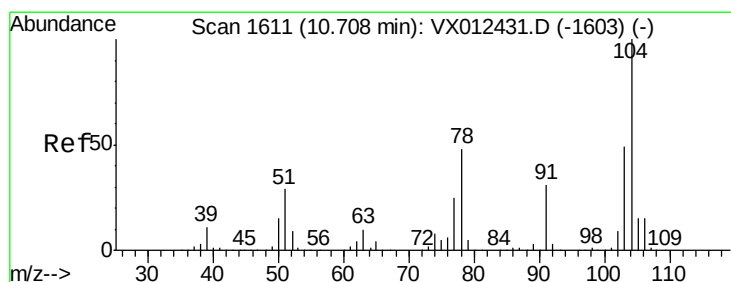
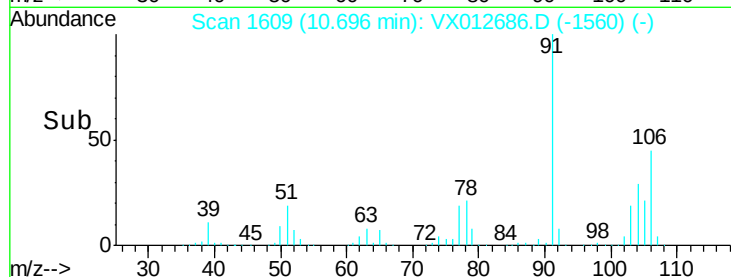
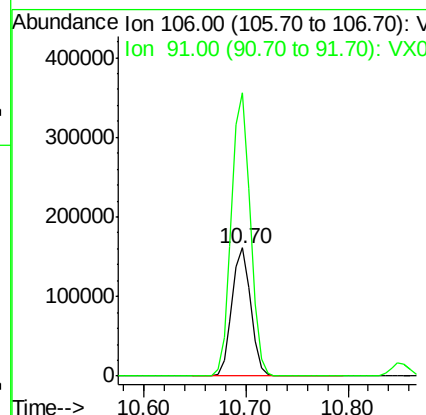
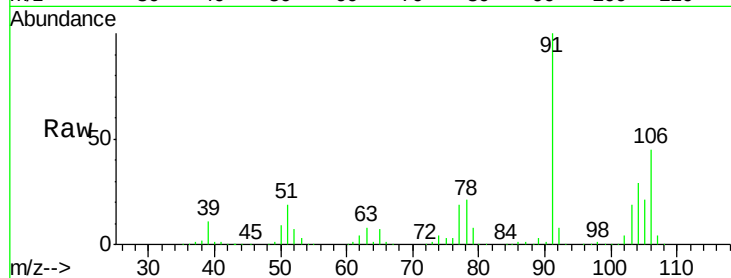
#69
o-Xylene
Concen: 50.360 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 205256
Ion Ratio Lower Upper
106 100
91 222.3 109.4 328.2

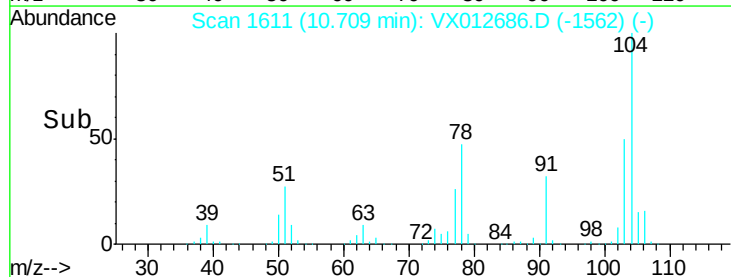
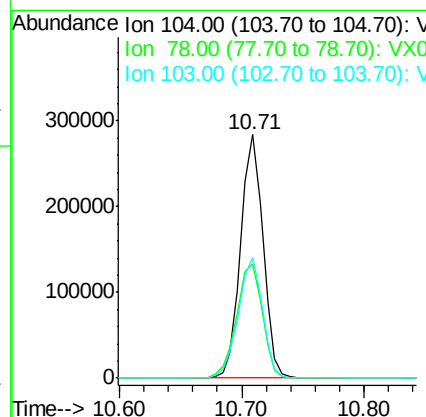
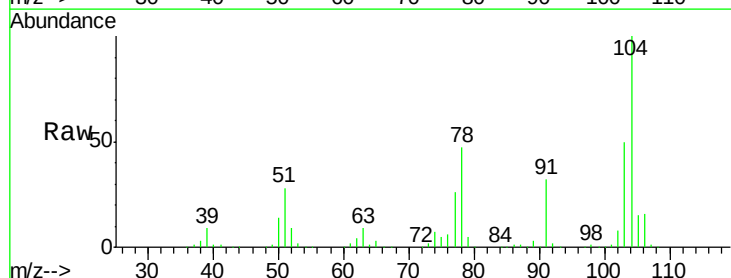
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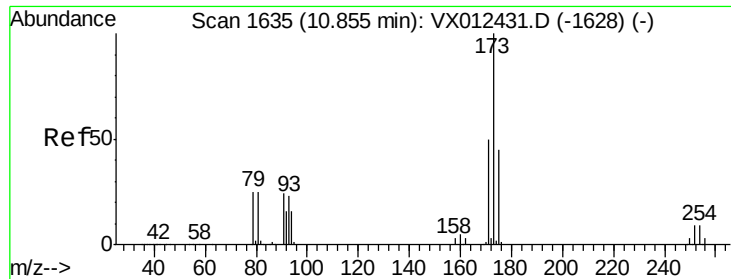
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#70
Styrene
Concen: 52.442 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion:104 Resp: 358319
Ion Ratio Lower Upper
104 100
78 54.0 43.4 65.2
103 53.6 43.3 64.9





#71

Bromoform

Concen: 52.631 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 82319

Ion Ratio Lower Upper

173 100

175 48.9 23.7 71.1

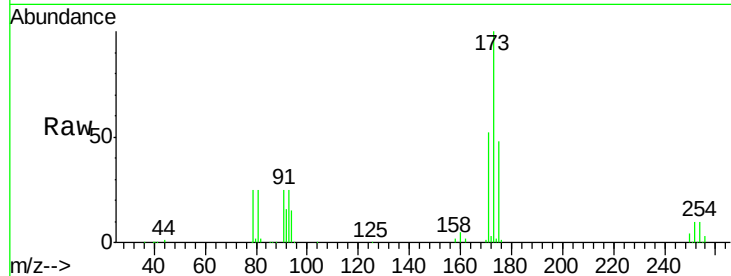
254 0.2 0.1 0.1#

Manual Integrations

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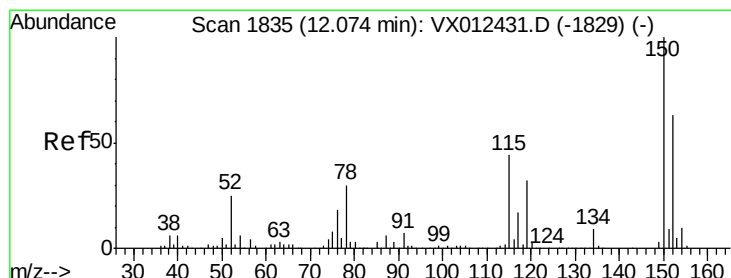
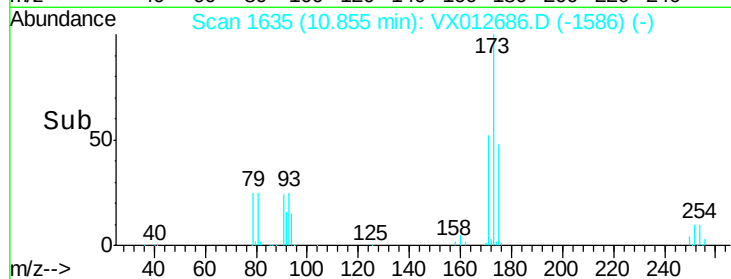
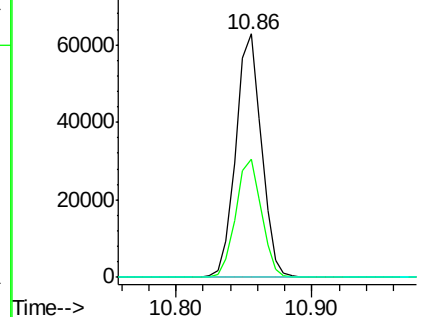
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX012686.D

Acq: 26 Sep 2019 19:57

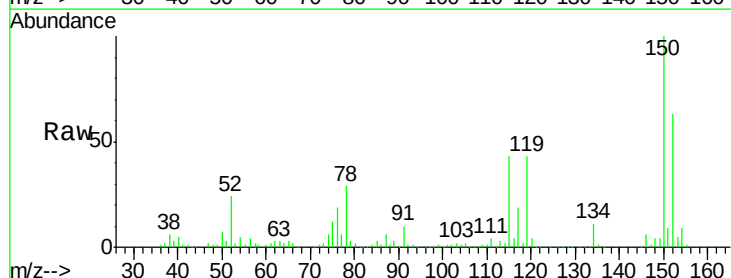
Tgt Ion:152 Resp: 136865

Ion Ratio Lower Upper

152 100

115 90.8 44.1 132.3

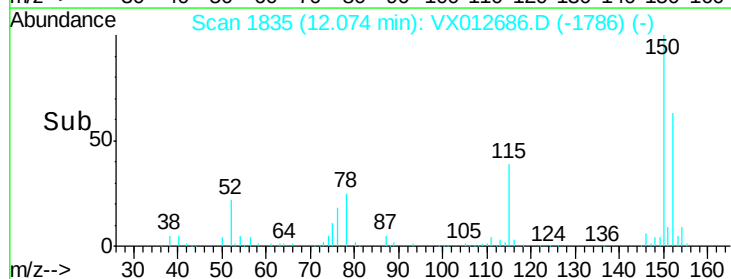
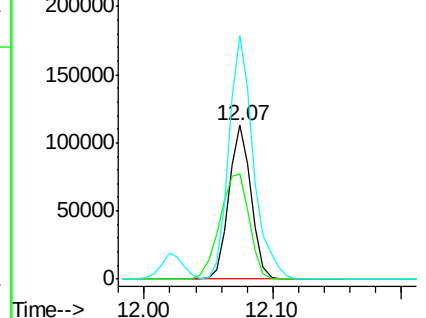
150 173.7 0.0 343.8

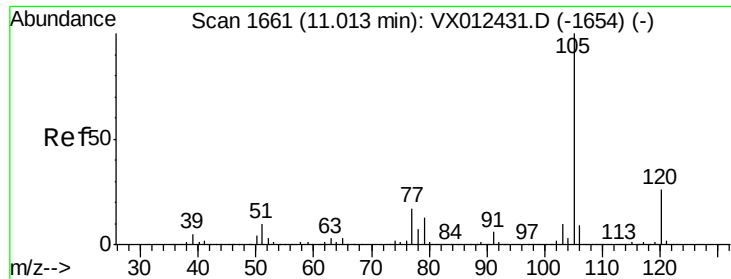


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.221 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 559819

Ion Ratio Lower Upper

105 100

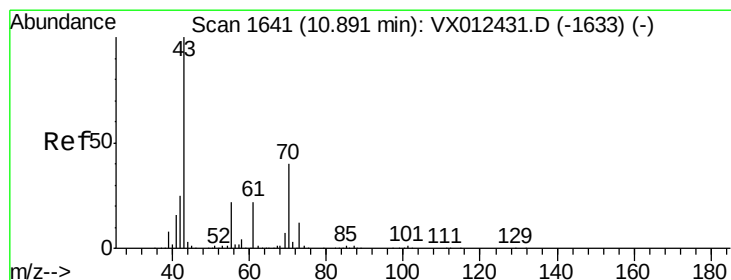
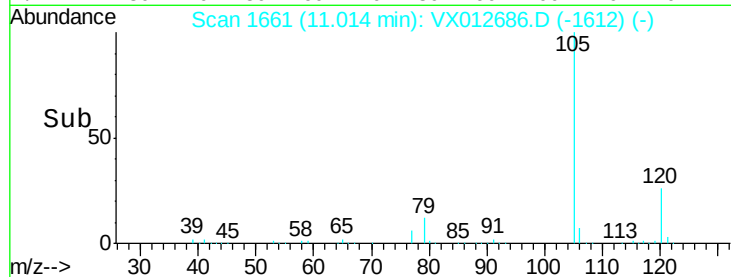
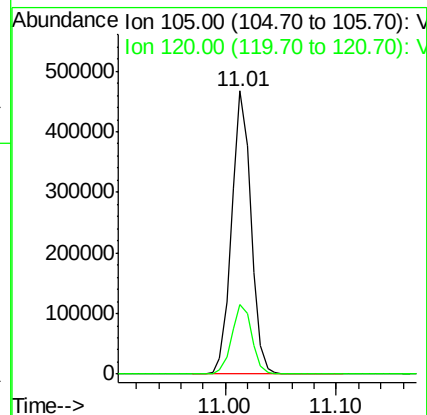
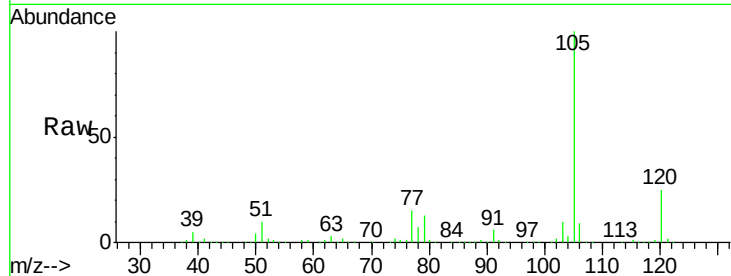
120 25.5 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 50.980 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Tgt Ion: 43 Resp: 271110

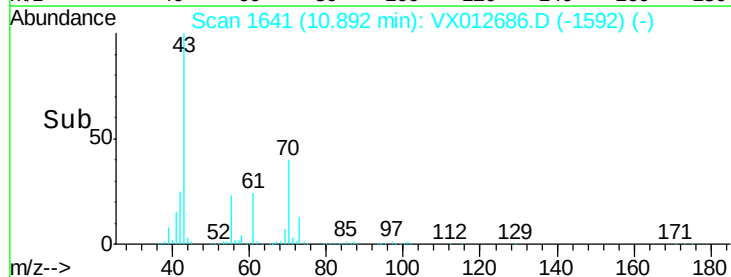
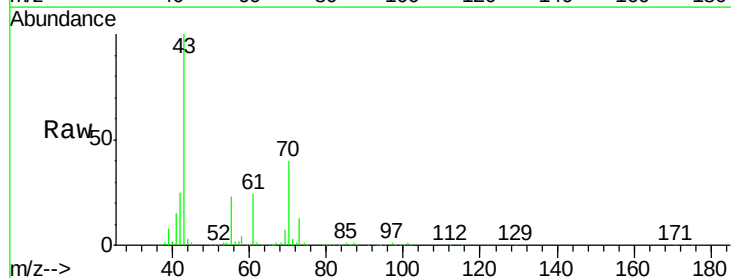
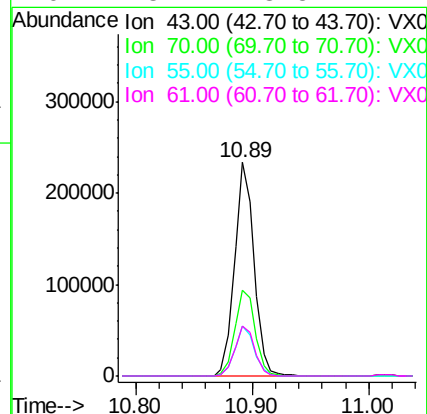
Ion Ratio Lower Upper

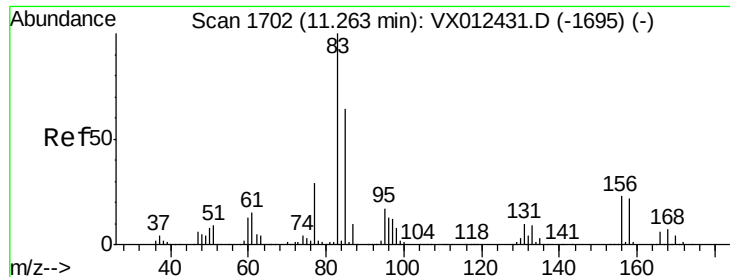
43 100

70 42.0 32.4 48.6

55 23.6 18.2 27.4

61 23.7 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.168 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

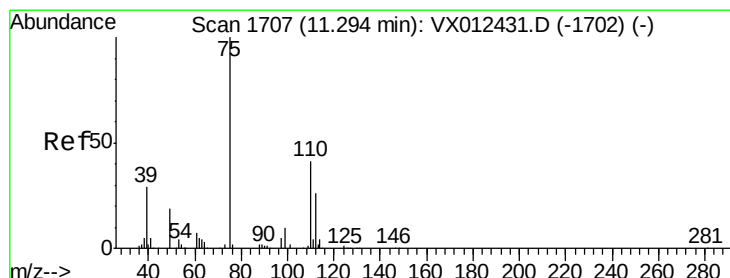
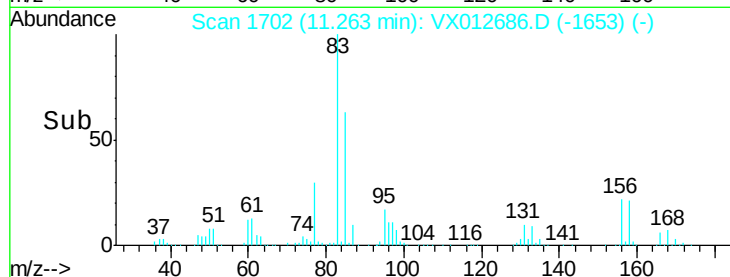
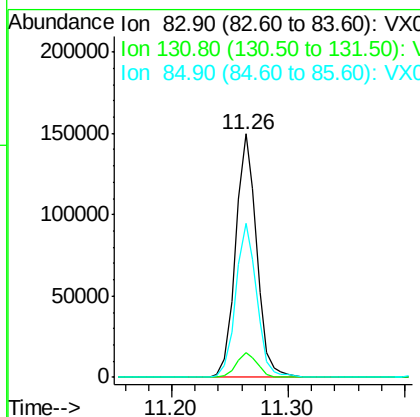
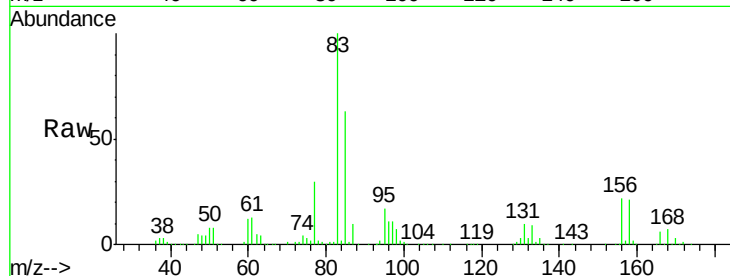
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	188903
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.2	15.6
85	63.1	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.336 ug/l m

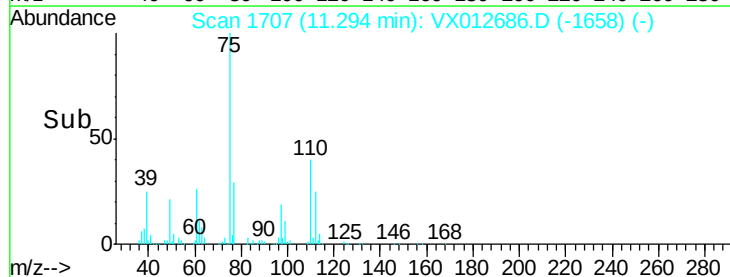
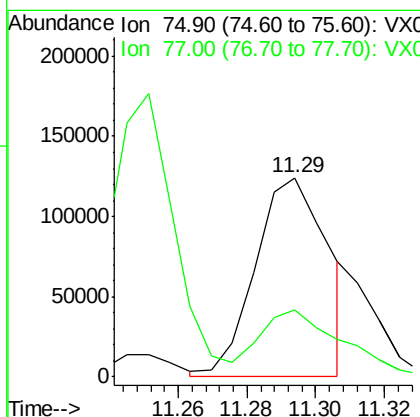
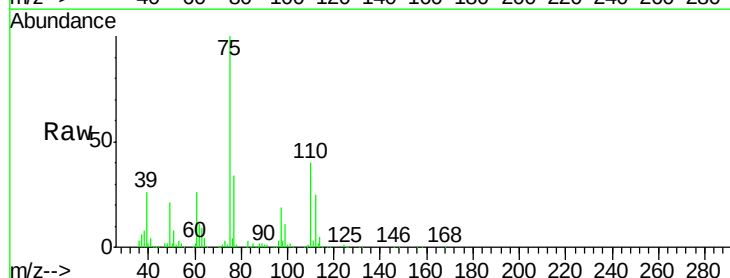
RT: 11.29 min Scan# 1707

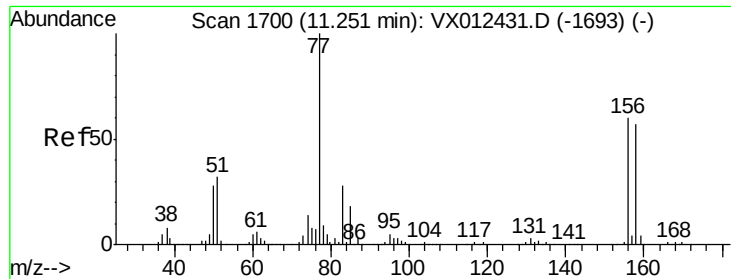
Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Tgt Ion:	75	Resp:	182236
Ion Ratio	Lower	Upper	
75	100		
77	38.0	19.7	59.0





#77

Bromobenzene

Concen: 49.366 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

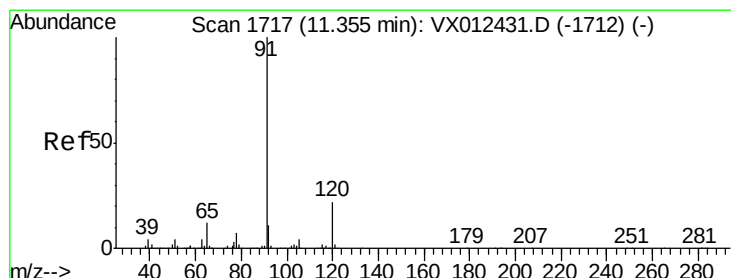
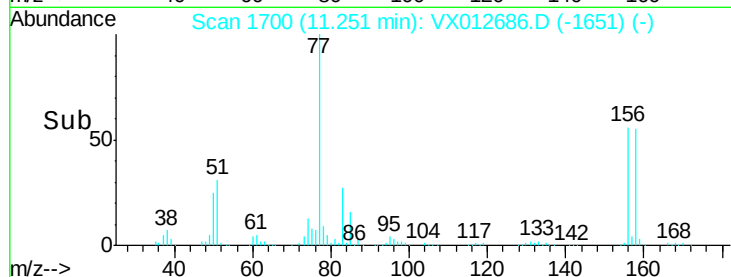
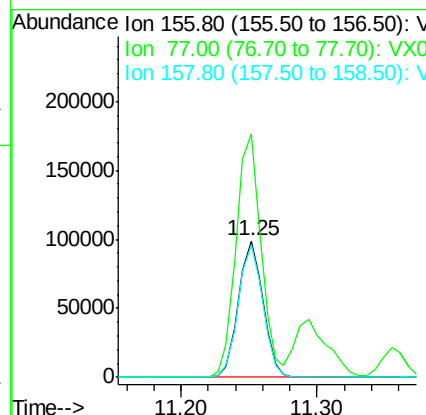
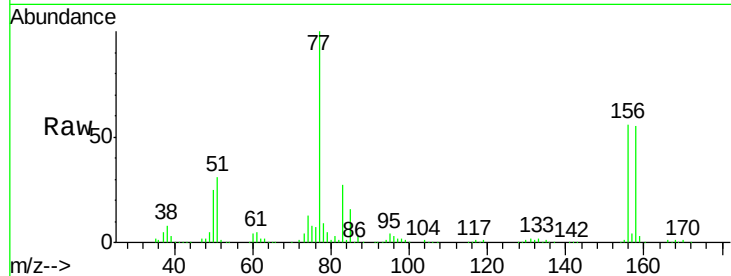
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	124546
Ion Ratio	Lower	Upper	
156	100		
77	183.2	87.3	261.8
158	97.2	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 50.416 ug/l

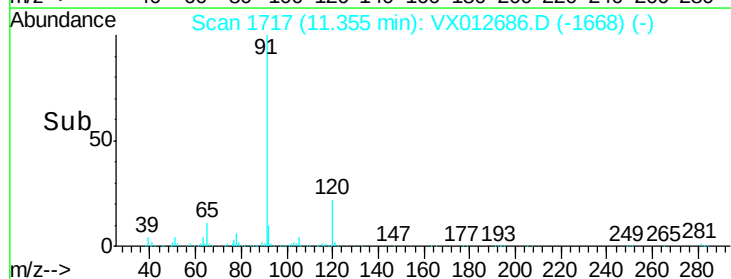
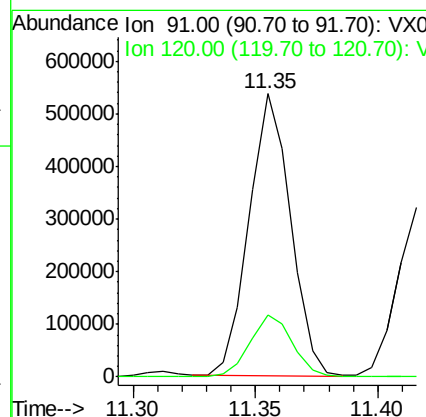
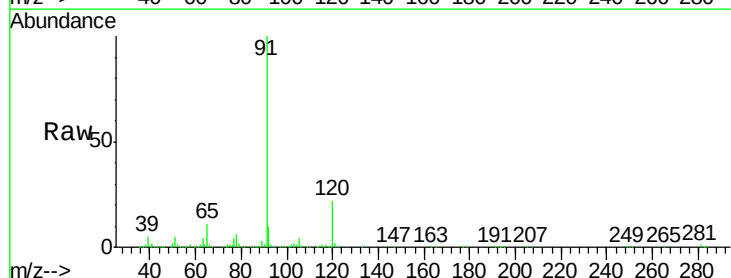
RT: 11.35 min Scan# 1717

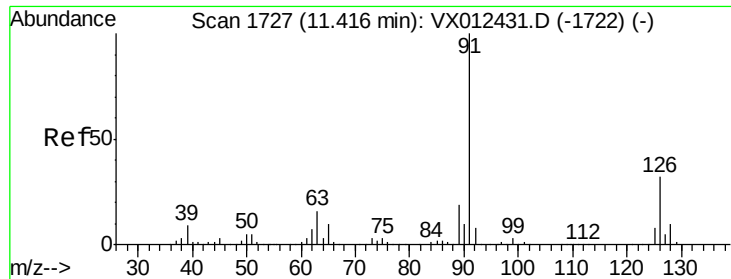
Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Tgt Ion:	91	Resp:	632707
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.3	33.8





#79

2-Chlorotoluene

Concen: 49.542 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 387856

Ion Ratio Lower Upper

91 100

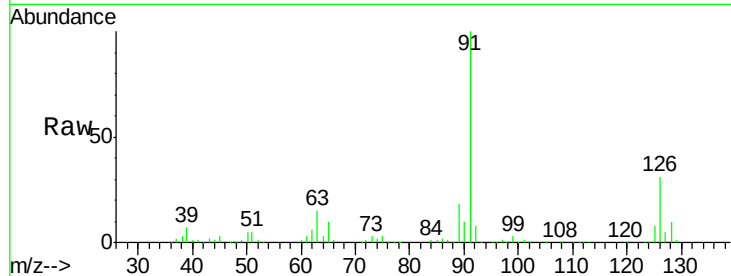
126 31.7 16.4 49.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX012431.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX012431.D (-1722) (-)

600000

500000

400000

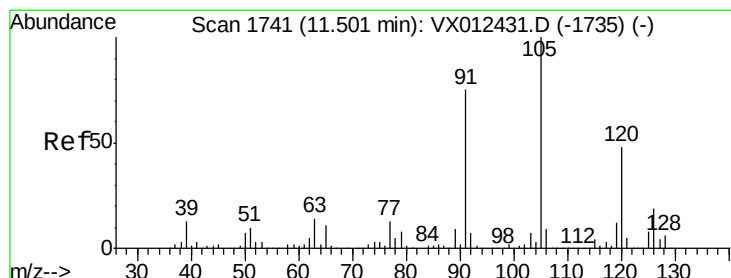
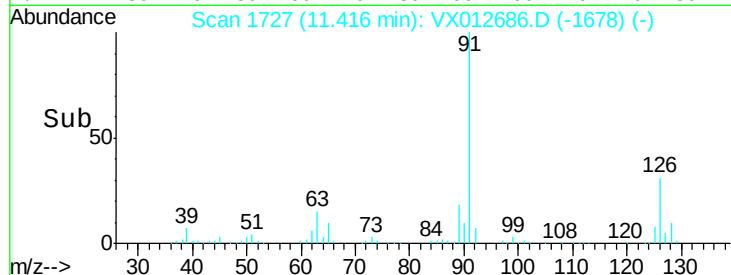
300000

200000

100000

0

Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 50.806 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012686.D

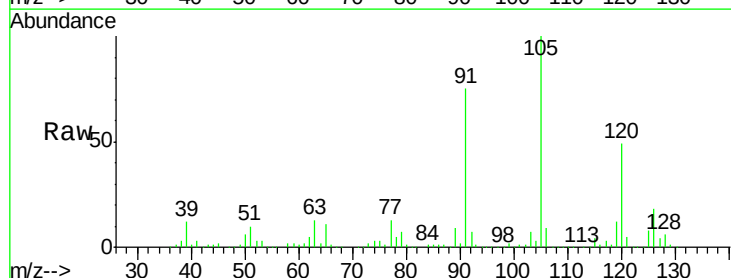
Acq: 26 Sep 2019 19:57

Tgt Ion: 105 Resp: 474925

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX012431.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX012431.D (-1735) (-)

400000

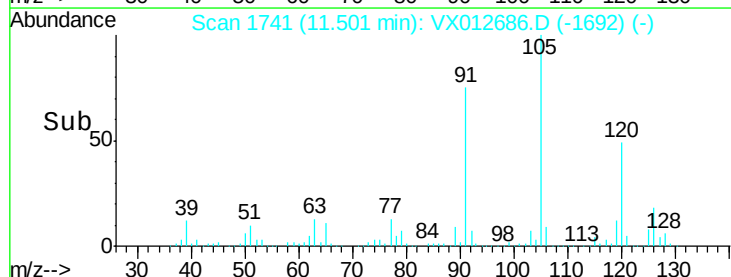
300000

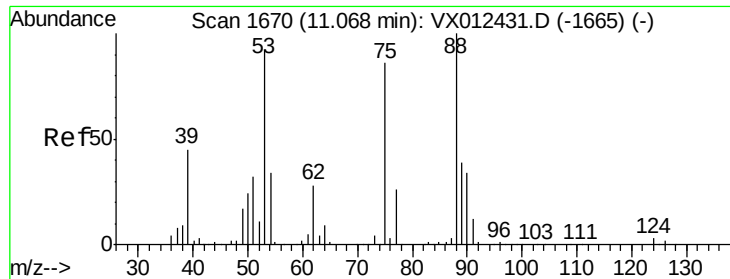
200000

100000

0

Time--> 11.40 11.50 11.60





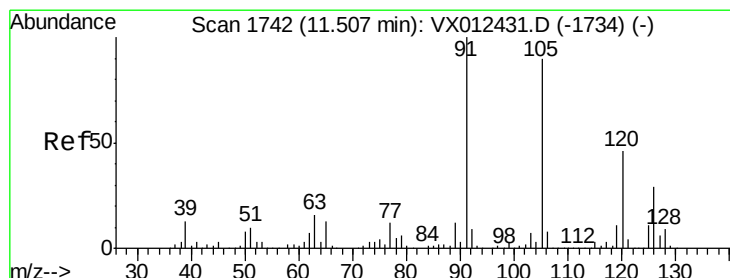
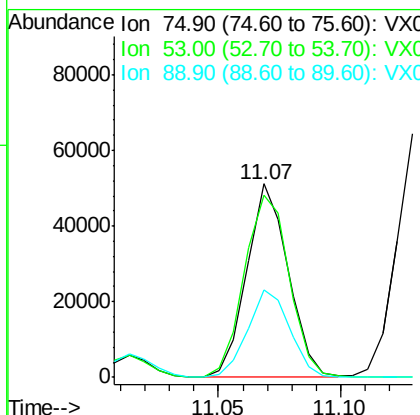
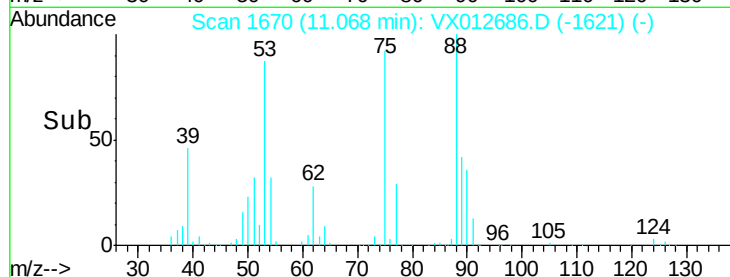
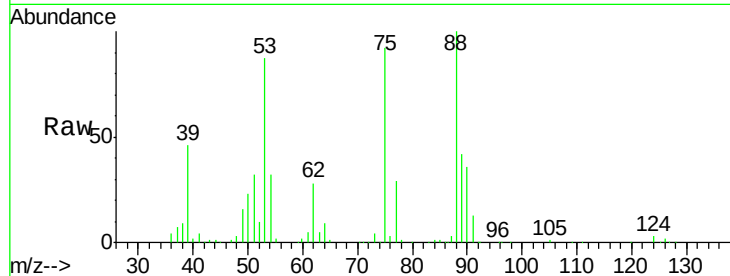
#81
trans-1,4-Dichloro-2-butene
Concen: 47.324 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.8	83.6	125.4
89	46.6	36.3	54.5

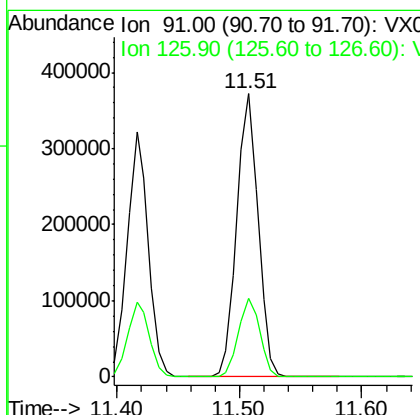
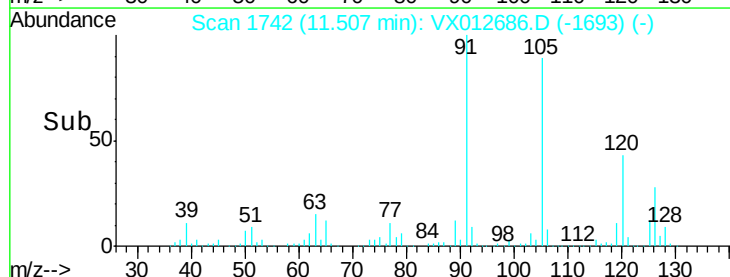
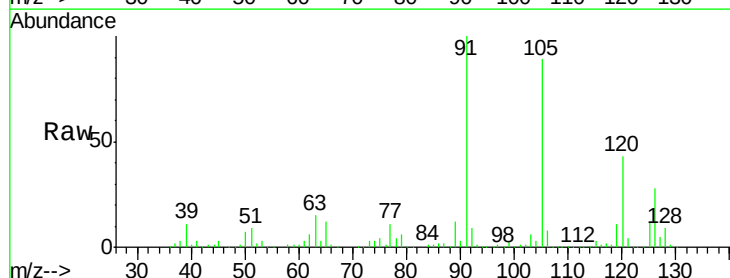
Manual Integrations
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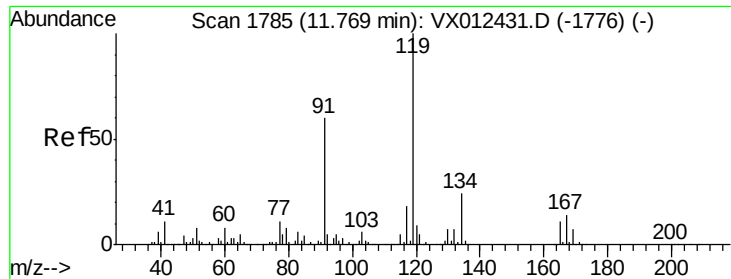
MMDadoda
9/27/2019 8:53:43 AM



#82
4-Chlorotoluene
Concen: 50.213 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.7	14.4	43.0





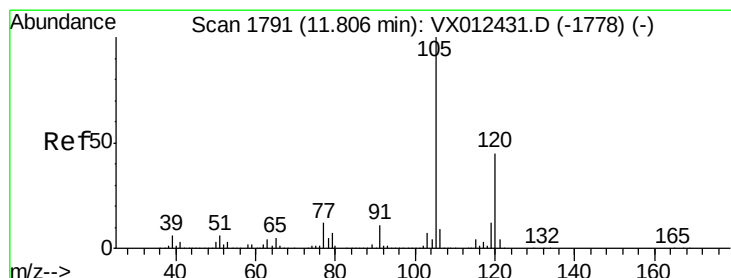
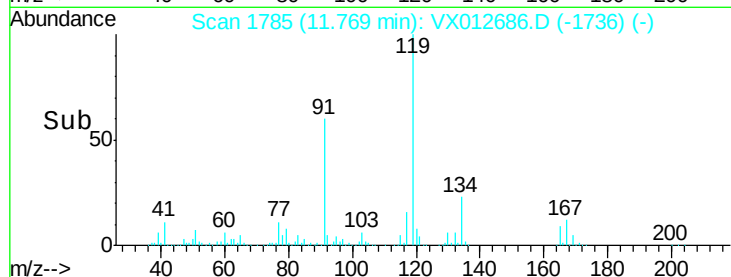
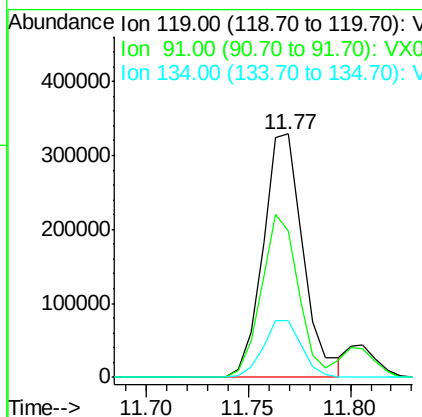
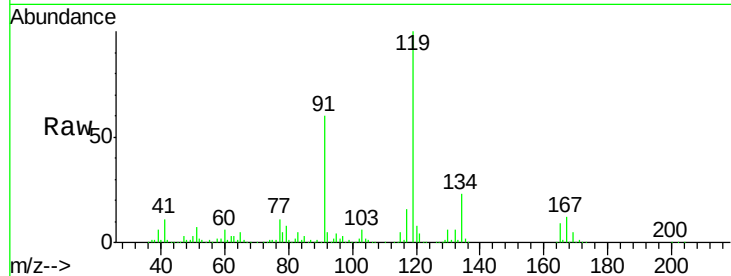
#83
 tert-Butylbenzene
 Concen: 49.889 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	449863		
91	61.8	30.0	90.0	
134	22.5	11.3	33.9	

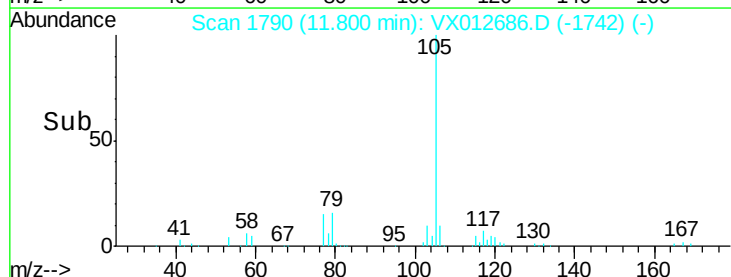
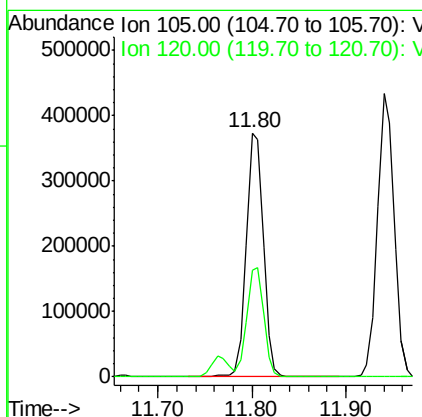
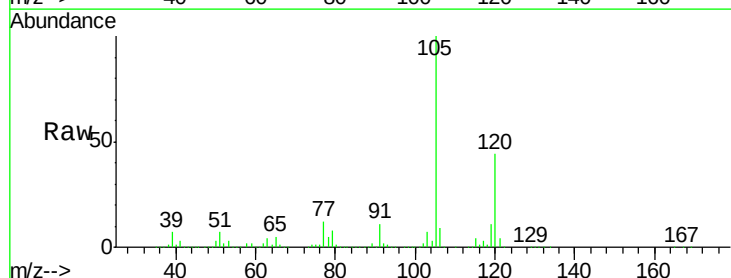
Manual Integrations
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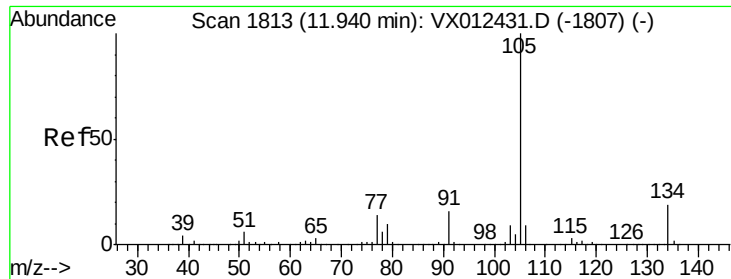
MMDadoda
 9/27/2019 8:53:43 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.198 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	473360		
120	44.2	22.2	66.6	





#85

sec-Butylbenzene

Concen: 50.838 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 533192

Ion Ratio Lower Upper

105 100

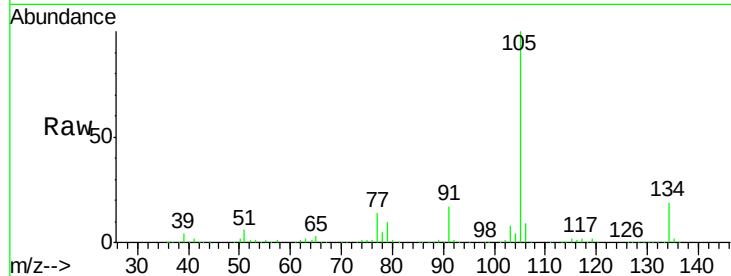
134 19.2 9.8 29.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

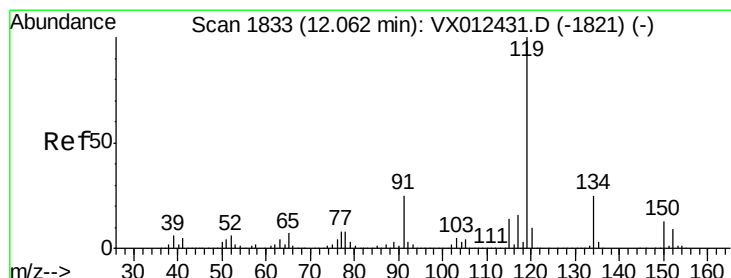
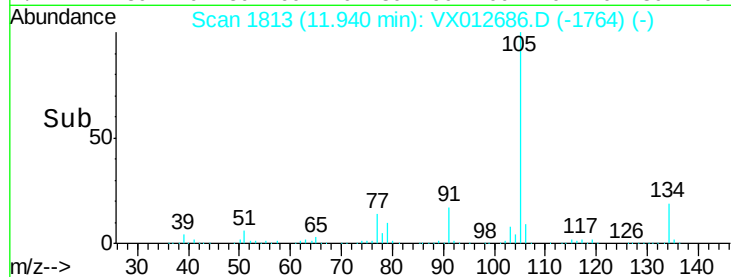
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.495 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012686.D

Acq: 26 Sep 2019 19:57

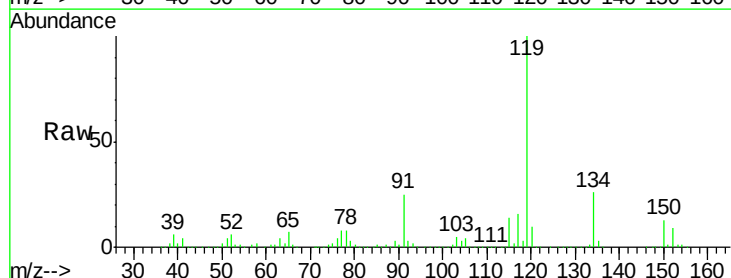
Tgt Ion:119 Resp: 487322

Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

91 25.5 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

12.06

400000

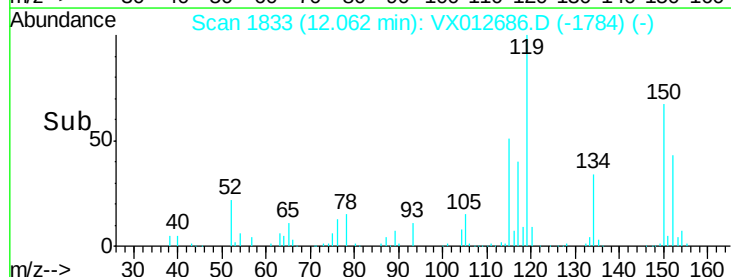
300000

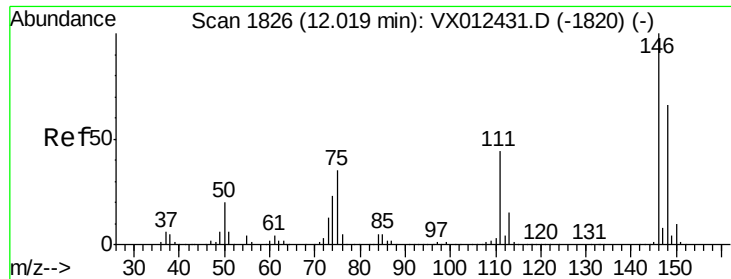
200000

100000

0

Time-->





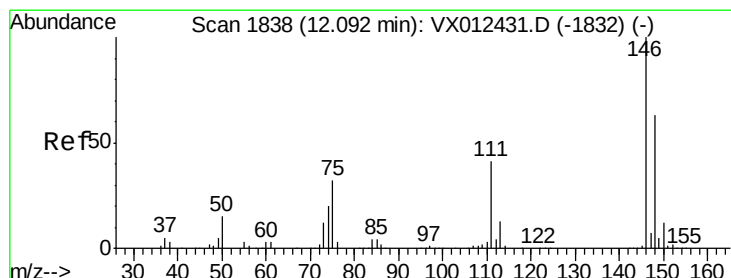
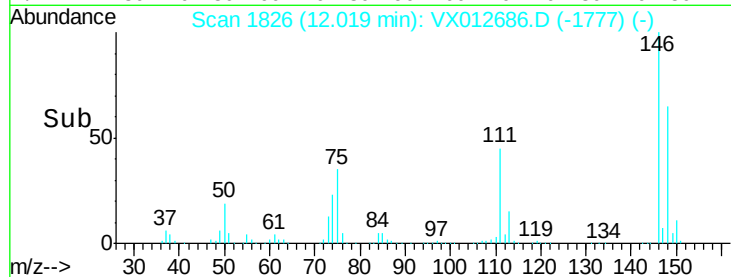
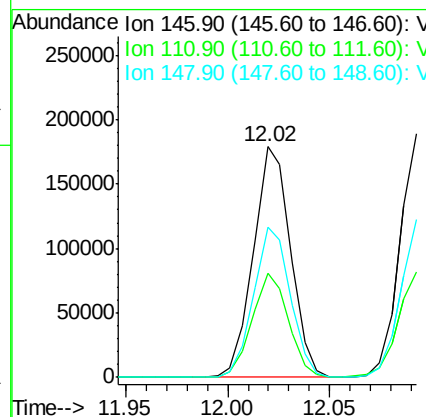
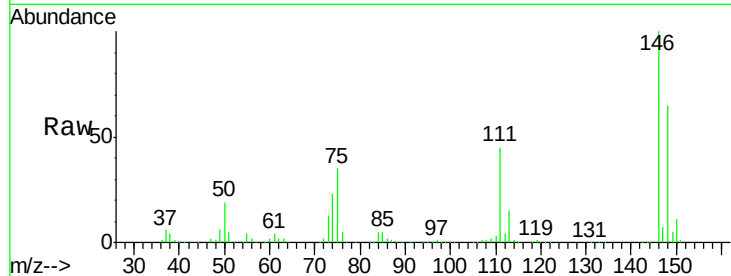
#87
 1,3-Dichlorobenzene
 Concen: 50.111 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.3	64.0
148	64.4	32.4	97.2

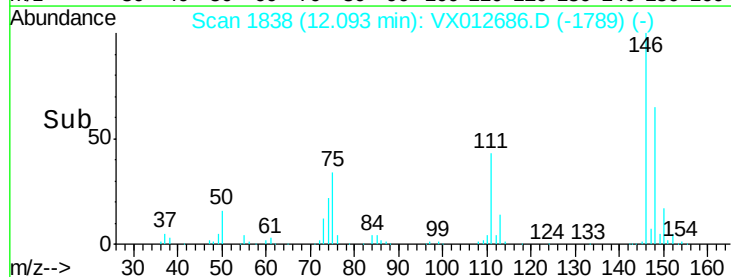
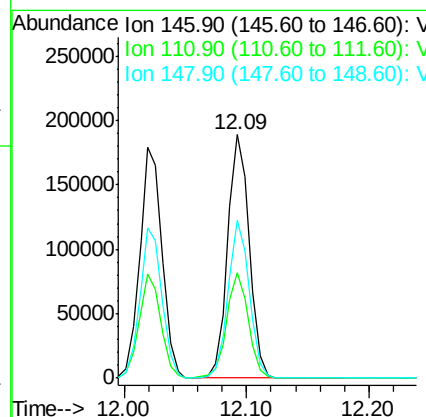
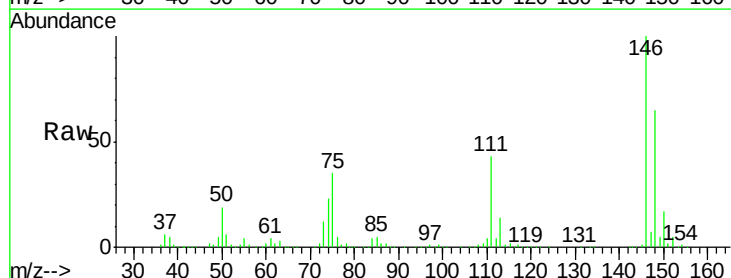
Manual Integrations
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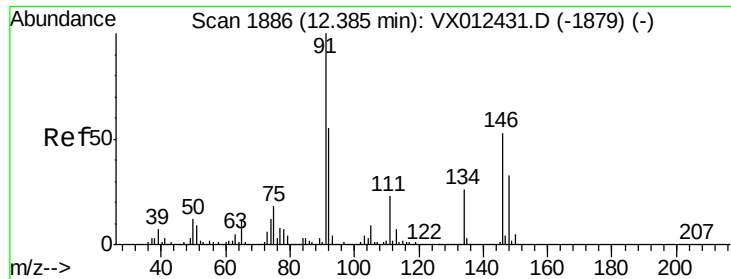
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#88
 1,4-Dichlorobenzene
 Concen: 50.152 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.1	63.3
148	63.5	32.1	96.5





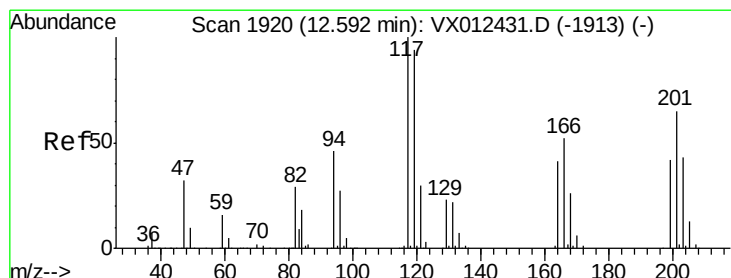
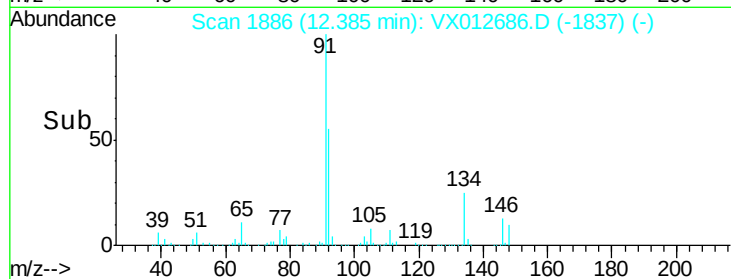
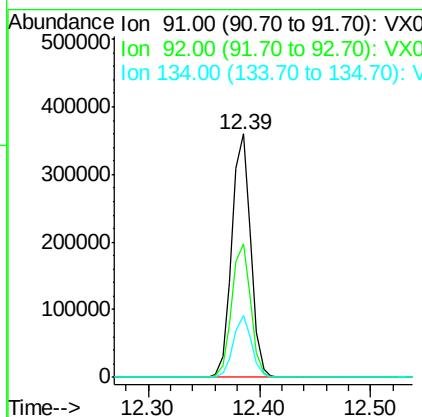
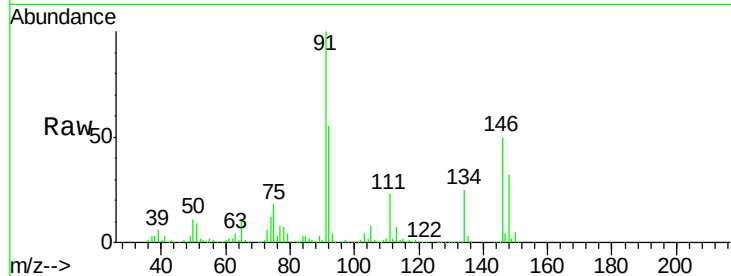
#89
n-Butylbenzene
Concen: 50.483 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.7	83.0
134	24.4	12.9	38.6

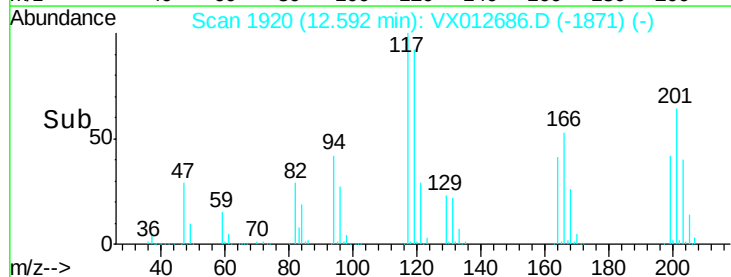
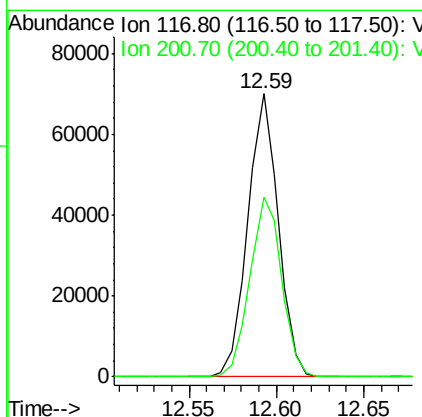
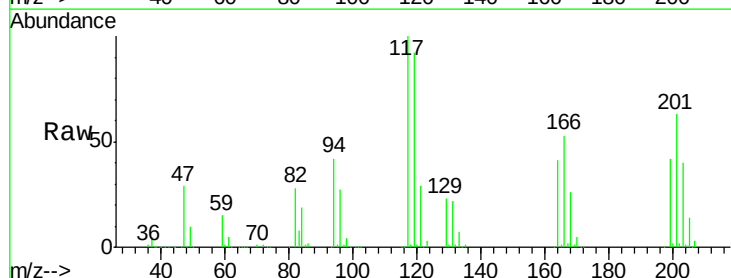
Manual Integrations
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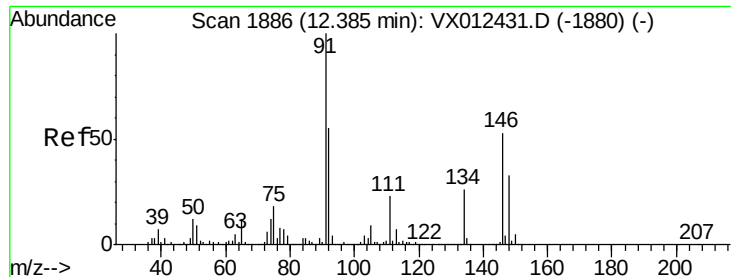
MMDadoda
9/27/2019 8:53:43 AM



#90
Hexachloroethane
Concen: 50.340 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.1	33.3	99.8





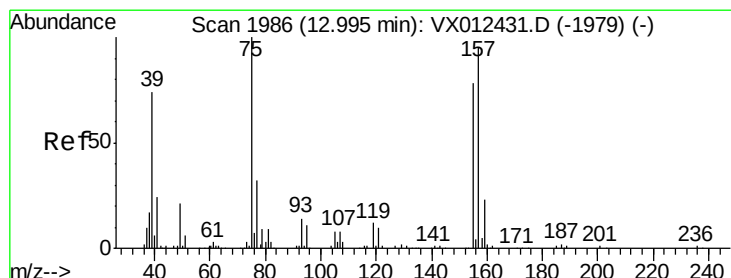
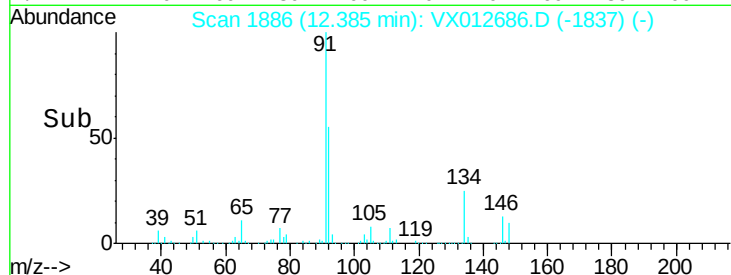
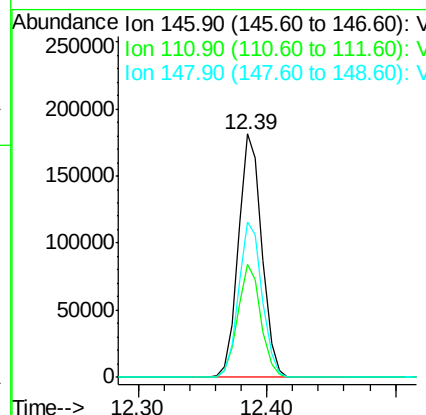
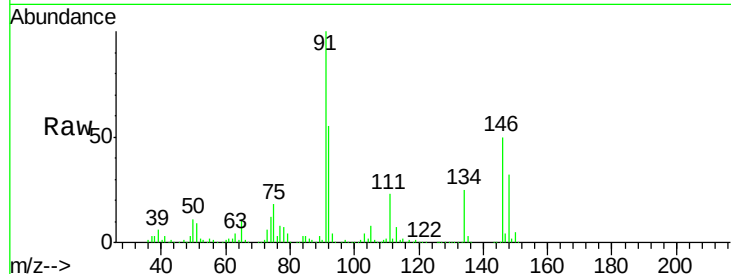
#91
 1,2-Dichlorobenzene
 Concen: 50.595 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	229980		
111	45.7	22.1	66.1	
148	63.7	31.3	93.9	

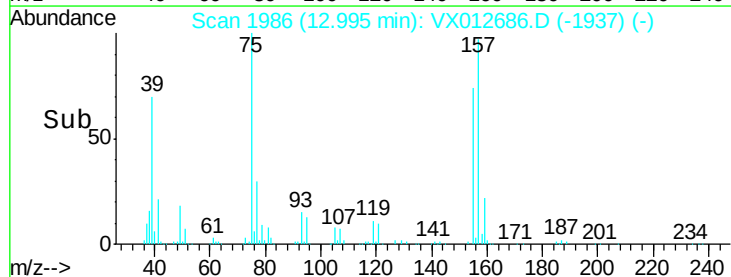
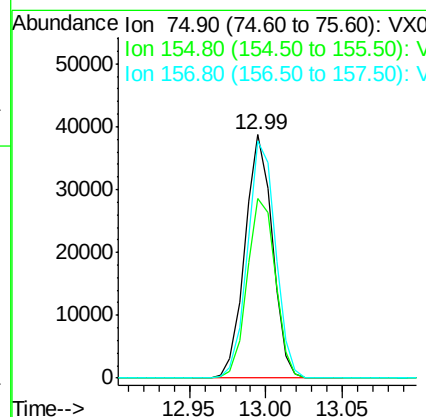
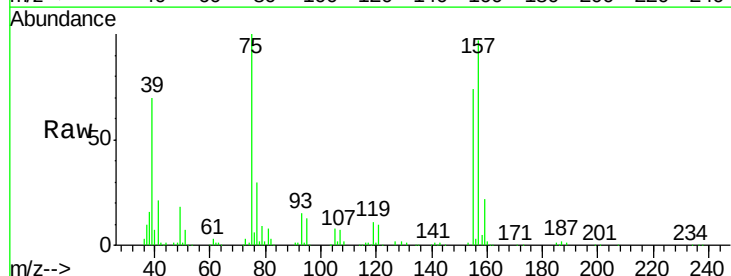
Manual Integrations
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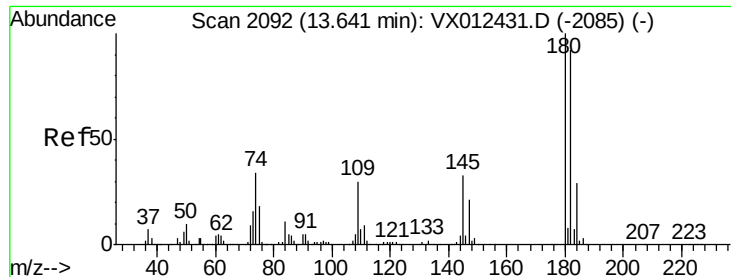
MMDadoda
 9/27/2019 8:53:43 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.051 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48069		
155	76.1	38.6	115.8	
157	99.3	50.6	151.9	





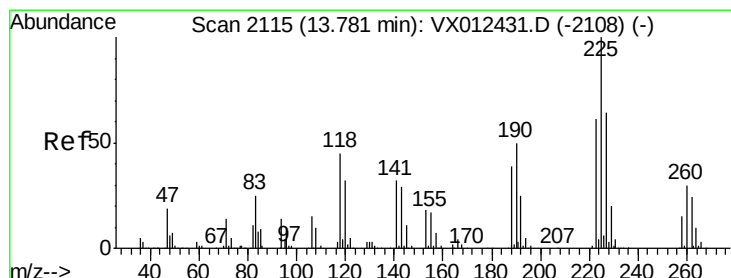
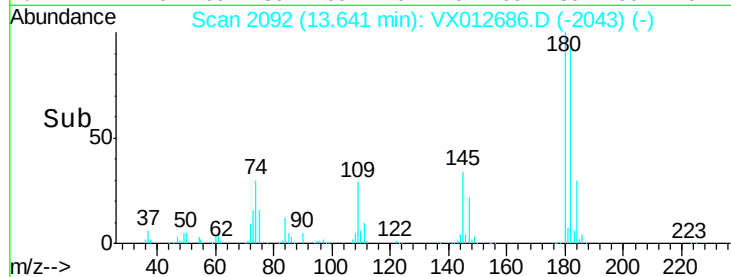
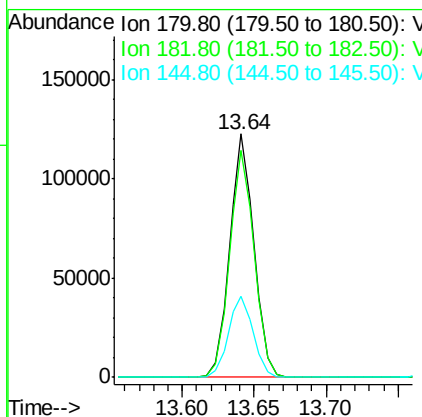
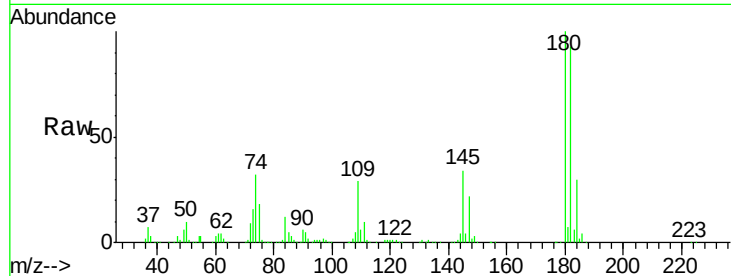
#93
 1,2,4-Trichlorobenzene
 Concen: 52.180 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	144648		
182	94.8	47.0	141.0	
145	34.2	16.8	50.4	

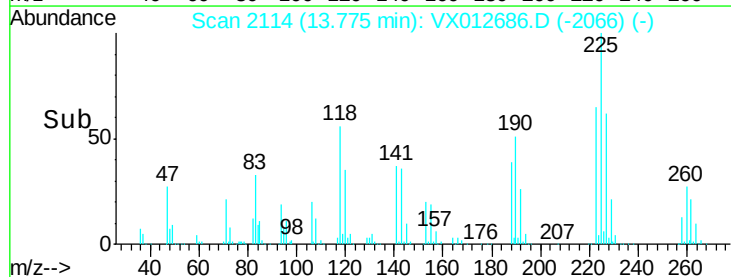
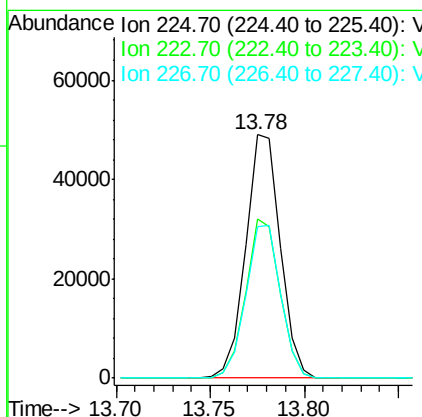
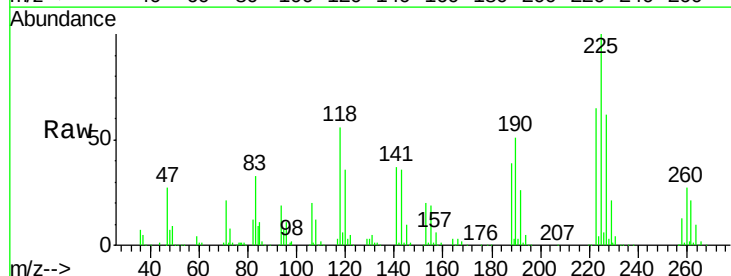
Manual Integrations
 APPROVED

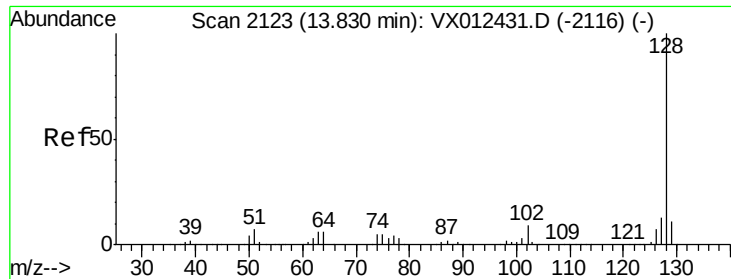
MMDadoda
 9/27/2019 8:53:43 AM



#94
 Hexachlorobutadiene
 Concen: 52.288 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012686.D
 Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62356		
223	64.4	32.0	96.2	
227	63.1	31.9	95.5	





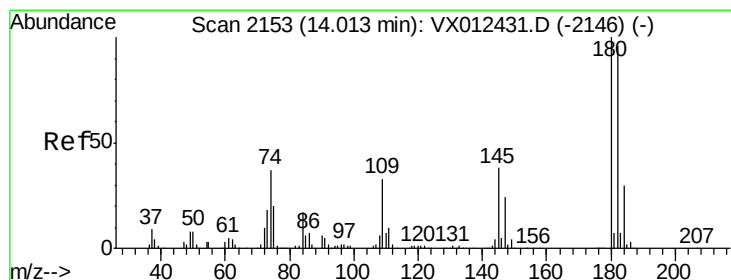
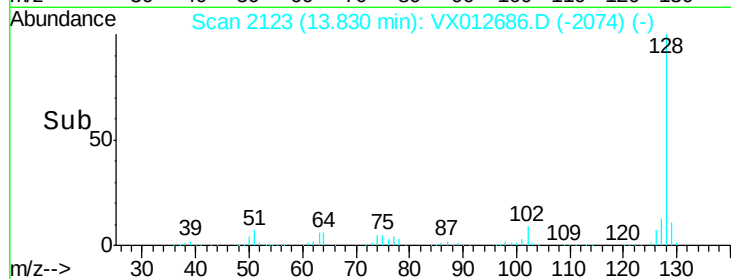
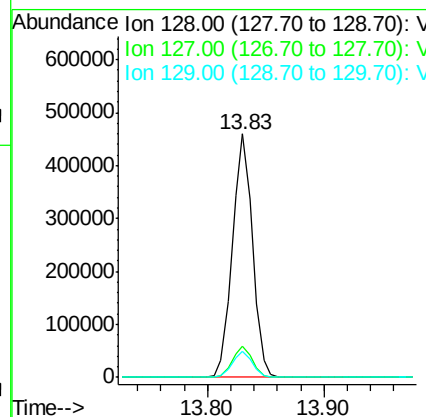
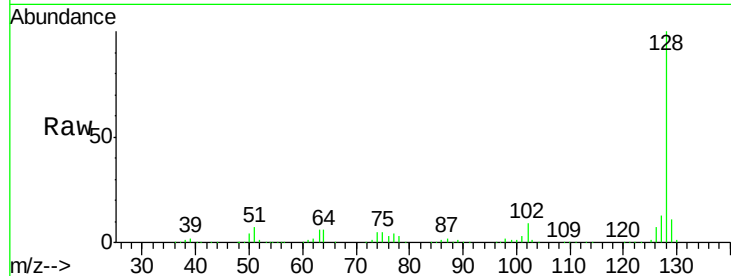
#95
Naphthalene
Concen: 54.819 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/27/2019 8:53:43 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.950 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012686.D
Acq: 26 Sep 2019 19:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.3
145	36.5	18.0	54.0

