

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012980.D
 Acq On : 10 Oct 2019 06:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:05:02 AM

Quant Time: Oct 10 08:00:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120458	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	108167	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
35) Dibromofluoromethane	5.49	113	84584	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	8.71	98	315479	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.14	95	124702	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	81532	50.078	ug/l	99
3) Chloromethane	1.32	50	95514	53.905	ug/l	98
4) Vinyl Chloride	1.40	62	95626	52.287	ug/l	99
5) Bromomethane	1.63	94	39279	51.667	ug/l	97
6) Chloroethane	1.71	64	59976	53.660	ug/l	100
7) Trichlorofluoromethane	1.92	101	130050	52.685	ug/l	100
8) Diethyl Ether	2.18	74	54558	54.758	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79607	49.831	ug/l	99
10) Methyl Iodide	2.50	142	97820	53.637	ug/l	99
11) Tert butyl alcohol	3.03	59	145198	274.364	ug/l	99
12) 1,1-Dichloroethene	2.36	96	85363	52.886	ug/l	96
13) Acrolein	2.28	56	86293	229.447	ug/l	98
14) Allyl chloride	2.72	41	152371	53.008	ug/l	98
15) Acrylonitrile	3.13	53	280951	280.137	ug/l	100
16) Acetone	2.44	43	240178	228.245	ug/l	99
17) Carbon Disulfide	2.56	76	226752	49.268	ug/l	99
18) Methyl Acetate	2.76	43	138729	55.621	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	319416	57.304	ug/l	99
20) Methylene Chloride	2.84	84	101521	52.496	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	95157	55.003	ug/l	98
22) Diisopropyl ether	3.84	45	313535	56.923	ug/l	95
23) Vinyl Acetate	3.80	43	1334029	280.555	ug/l	100
24) 1,1-Dichloroethane	3.69	63	173565	56.012	ug/l	99
25) 2-Butanone	4.66	43	387405	265.365	ug/l	99
26) 2,2-Dichloropropane	4.58	77	98748	37.897	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	109292	54.806	ug/l	96
28) Bromochloromethane	5.00	49	52298	56.533	ug/l	99
29) Tetrahydrofuran	5.12	42	247078	275.030	ug/l	98
30) Chloroform	5.20	83	174066	54.746	ug/l	98
31) Cyclohexane	5.57	56	141444	48.816	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	152082	56.451	ug/l	97
36) 1,1-Dichloropropene	5.79	75	124177	50.156	ug/l	99
37) Ethyl Acetate	4.82	43	143919	51.986	ug/l	99
38) Carbon Tetrachloride	5.78	117	124335	51.596	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140956	46.947	ug/l	97
40) Benzene	6.13	78	389646	53.286	ug/l	99
41) Methacrylonitrile	5.03	41	81053	53.282	ug/l	99
42) 1,2-Dichloroethane	6.18	62	141305	53.854	ug/l	100
43) Isopropyl Acetate	6.43	43	242154	54.498	ug/l	100
44) Trichloroethene	7.21	130	101414	50.014	ug/l	99
45) 1,2-Dichloropropane	7.51	63	102374	54.932	ug/l	100
46) Dibromomethane	7.65	93	67199	54.120	ug/l	100
47) Bromodichloromethane	7.89	83	133610	55.139	ug/l	98
48) Methyl methacrylate	7.76	41	116594	53.846	ug/l	99
49) 1,4-Dioxane	7.73	88	59670	1025.949	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	756917	273.221	ug/l	100
52) Toluene	8.78	92	246644	52.723	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	142226	47.161	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	154781	51.935	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100297	54.176	ug/l	99
56) Ethyl methacrylate	9.17	69	165935	50.052	ug/l	100
57) 1,3-Dichloropropane	9.37	76	173456	54.164	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	367857	270.479	ug/l	99
59) 2-Hexanone	9.49	43	584331	270.958	ug/l	100
60) Dibromochloromethane	9.58	129	103018	50.004	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104763	53.794	ug/l	100
64) Tetrachloroethene	9.33	164	90906	51.194	ug/l	98
65) Chlorobenzene	10.14	112	261212	51.379	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	96912	54.977	ug/l	99
67) Ethyl Benzene	10.25	91	468400	51.867	ug/l	99
68) m/p-Xylenes	10.35	106	351852	104.292	ug/l	100
69) o-Xylene	10.70	106	173650	52.781	ug/l	98
70) Styrene	10.71	104	300154	53.666	ug/l	100
71) Bromoform	10.85	173	71100	47.513	ug/l #	99
73) Isopropylbenzene	11.01	105	454730	51.345	ug/l	100
74) N-amyl acetate	10.89	43	210163	55.100	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	155518	52.797	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	147251m	55.114	ug/l	
77) Bromobenzene	11.25	156	106571	51.065	ug/l	95
78) n-propylbenzene	11.35	91	487319	50.006	ug/l	100
79) 2-Chlorotoluene	11.42	91	317993	51.921	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	377175	51.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	43430	42.470	ug/l	98
82) 4-Chlorotoluene	11.51	91	365066	52.004	ug/l	99
83) tert-Butylbenzene	11.77	119	366750	50.840	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	395190	52.766	ug/l	99
85) sec-Butylbenzene	11.94	105	426810	51.069	ug/l	100
86) p-Isopropyltoluene	12.06	119	399398	51.528	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	197545	50.973	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	194112	49.455	ug/l	99
89) n-Butylbenzene	12.39	91	332835	51.092	ug/l	99
90) Hexachloroethane	12.59	117	68594	47.875	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	197633	52.017	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39151	56.707	ug/l	96

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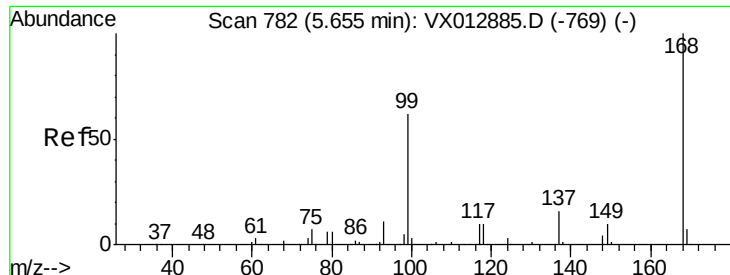
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	121124	50.892	ug/l	98
94) Hexachlorobutadiene	13.78	225	52972	48.227	ug/l	98
95) Naphthalene	13.83	128	448525	54.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126735	51.529	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 159725

Ion Ratio Lower Upper

168 100

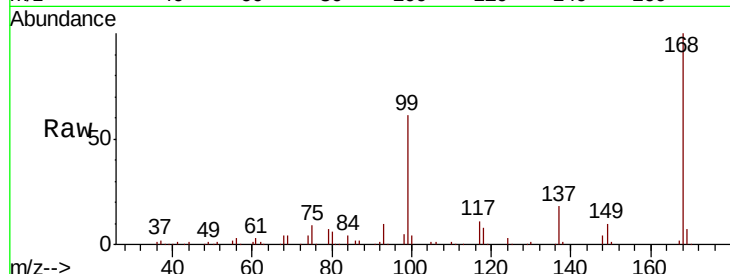
99 60.7 49.4 74.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

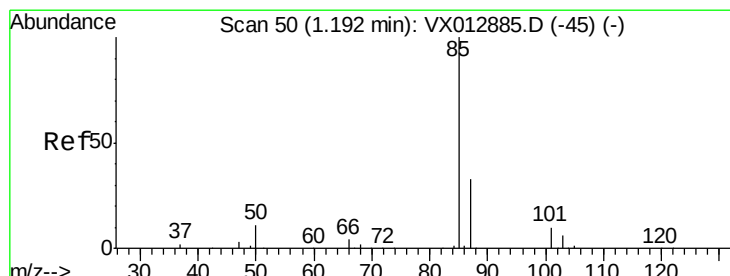
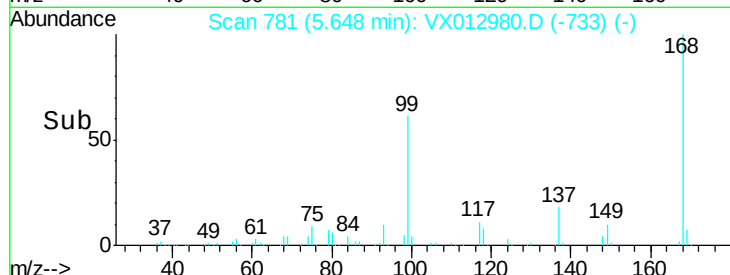
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.078 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012980.D

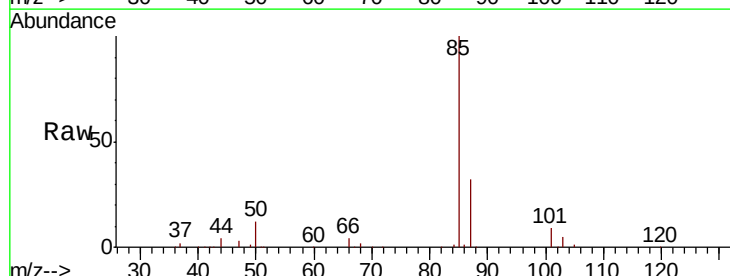
Acq: 10 Oct 2019 06:52

Tgt Ion: 85 Resp: 81532

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

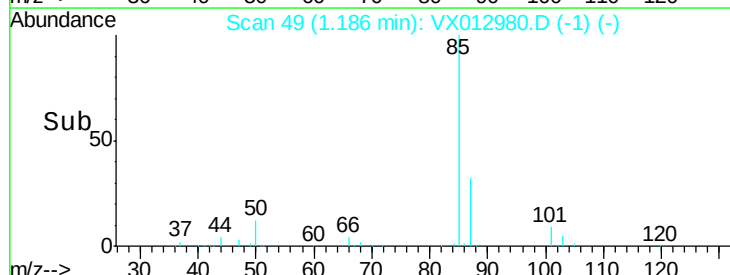
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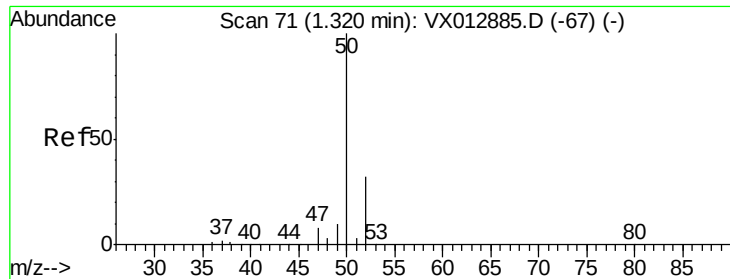
40000

20000

0

Time-->





#3

Chloromethane

Concen: 53.905 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 95514

Ion Ratio Lower Upper

50 100

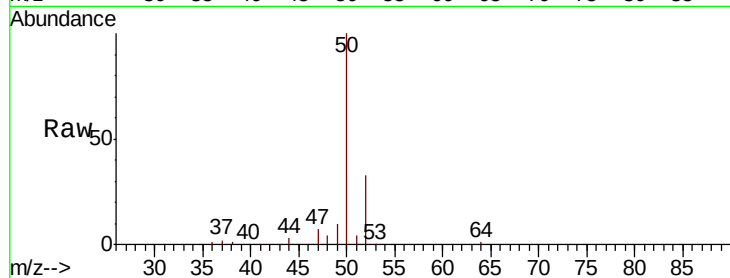
52 32.7 25.2 37.8

Manual Integrations

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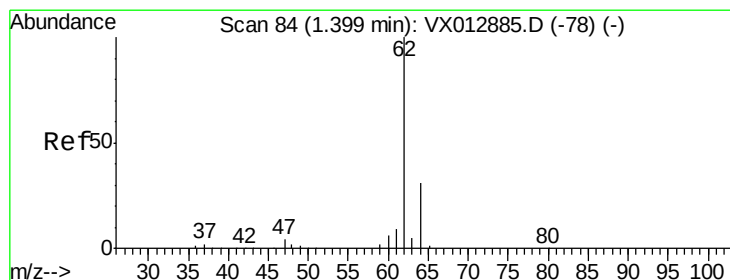
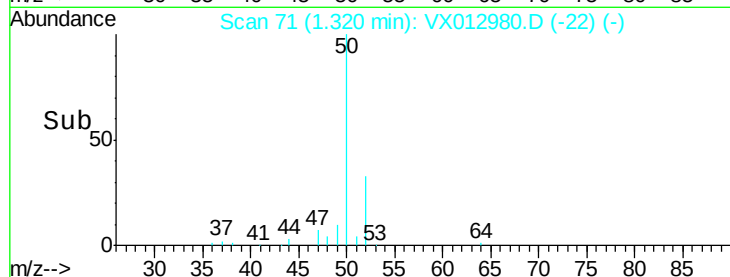
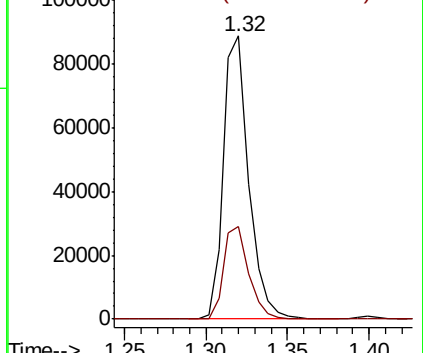
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.287 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012980.D

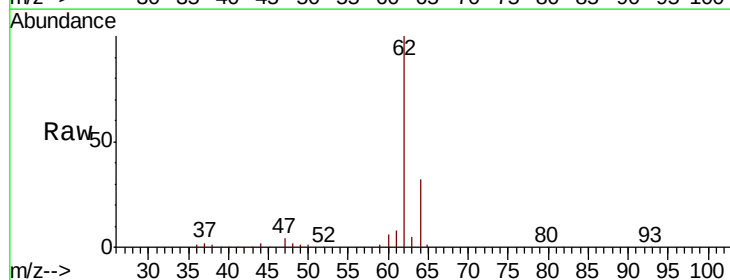
Acq: 10 Oct 2019 06:52

Tgt Ion: 62 Resp: 95626

Ion Ratio Lower Upper

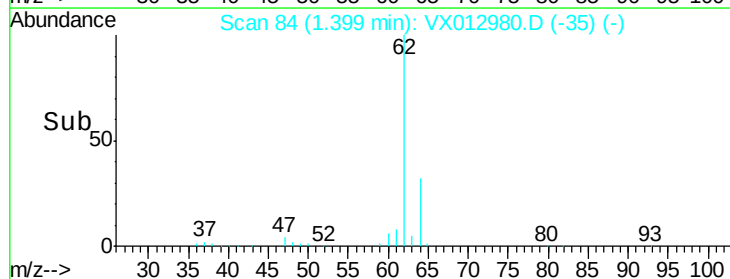
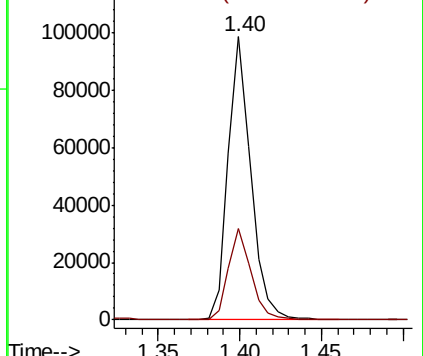
62 100

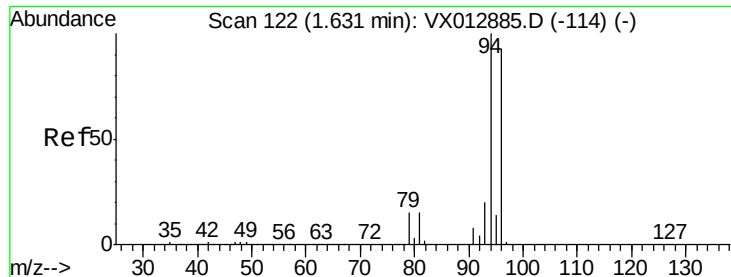
64 32.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.667 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 39279

Ion Ratio Lower Upper

94 100

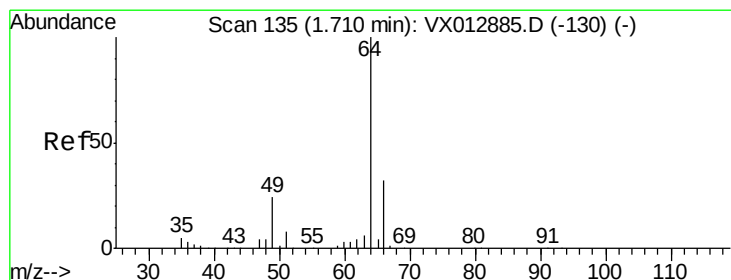
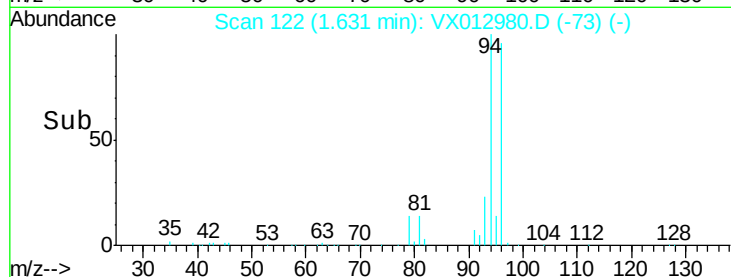
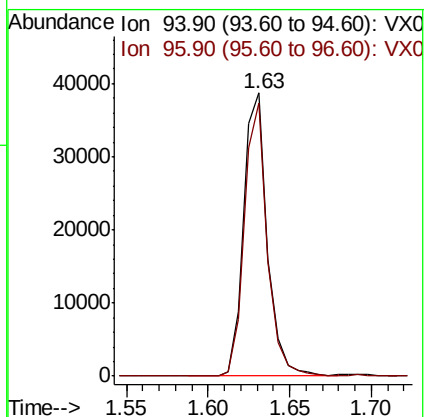
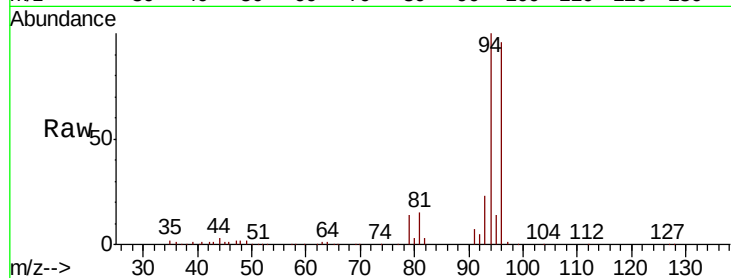
96 96.3 74.7 112.1

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#6

Chloroethane

Concen: 53.660 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012980.D

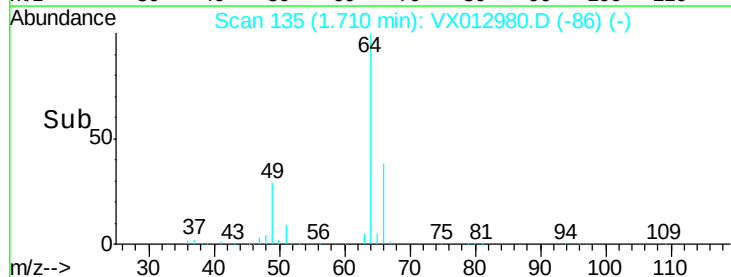
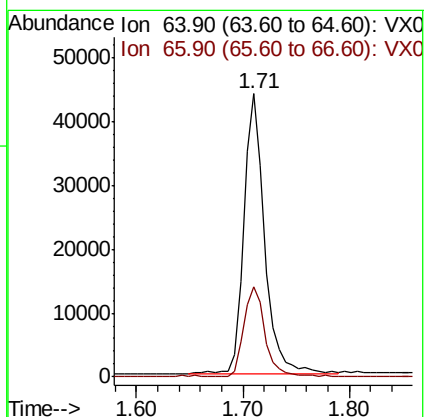
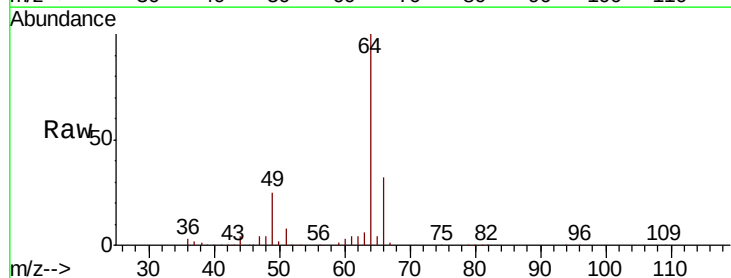
Acq: 10 Oct 2019 06:52

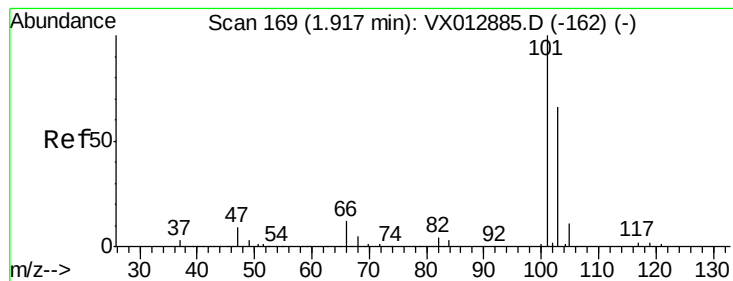
Tgt Ion: 64 Resp: 59976

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4





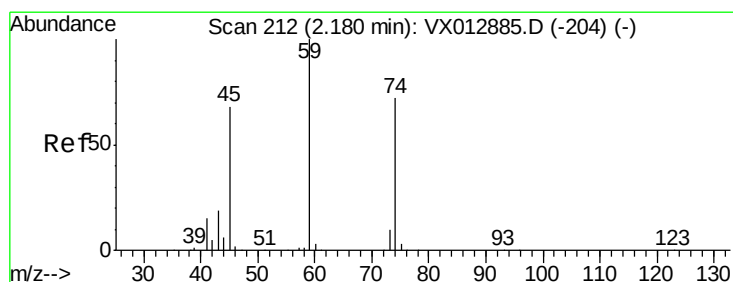
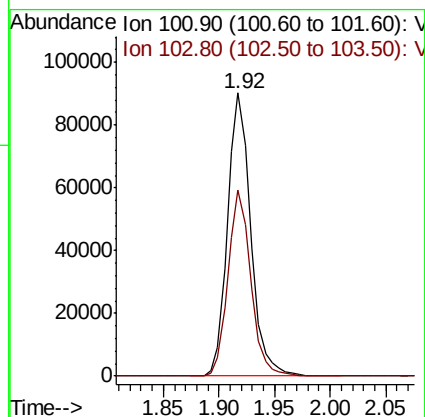
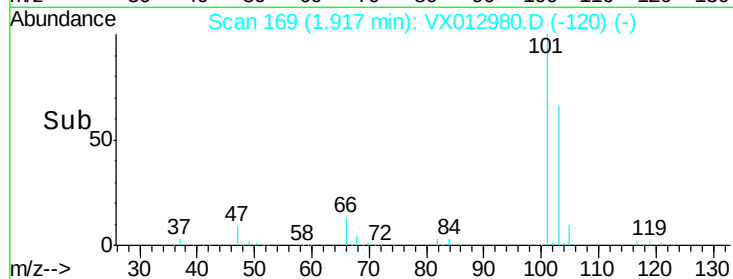
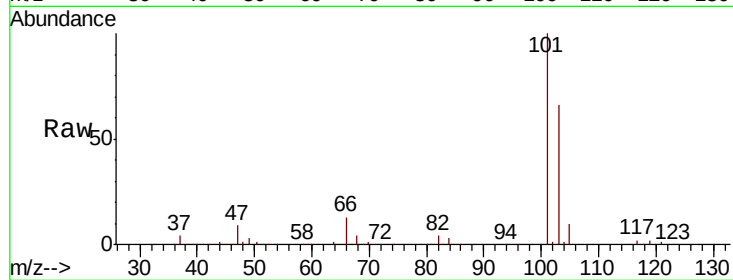
#7
 Trichlorofluoromethane
 Concen: 52.685 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 101 Resp: 130050
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.5 78.7

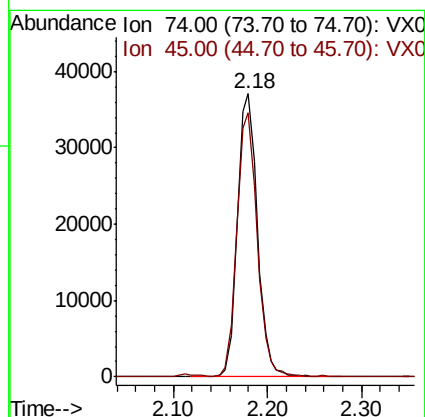
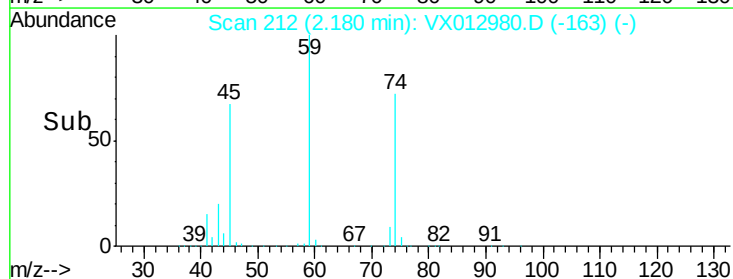
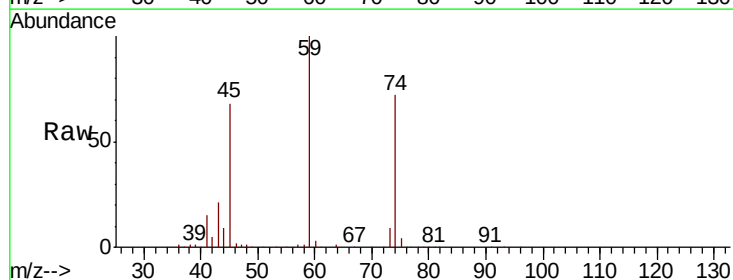
Manual Integrations
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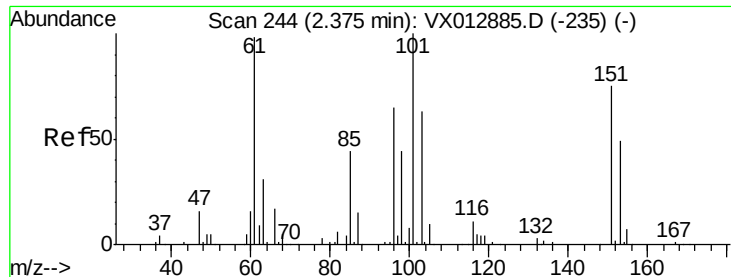
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 10/10/2019 9:05:02 AM



#8
 Diethyl Ether
 Concen: 54.758 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion: 74 Resp: 54558
 Ion Ratio Lower Upper
 74 100
 45 94.1 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.831 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

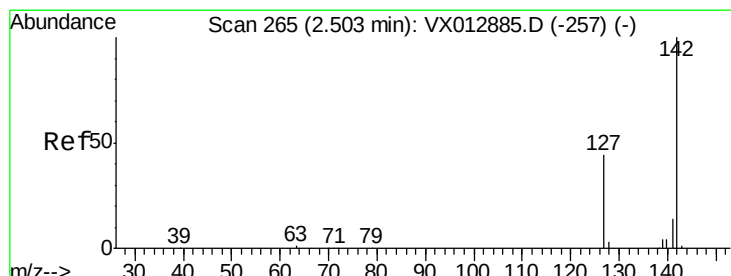
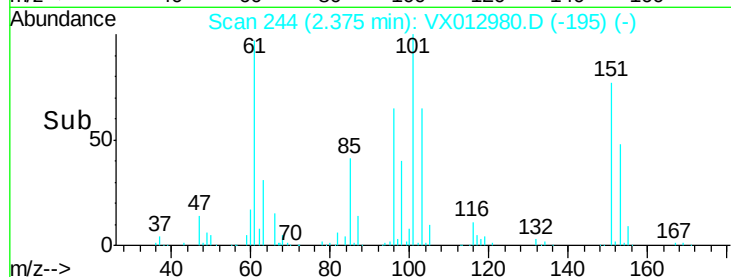
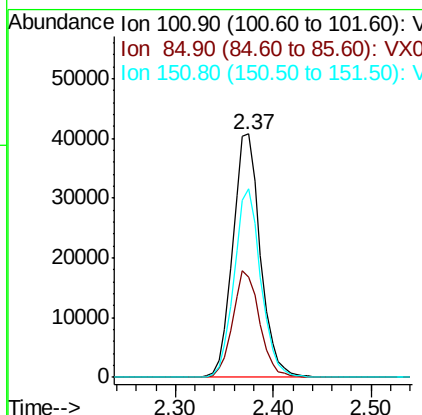
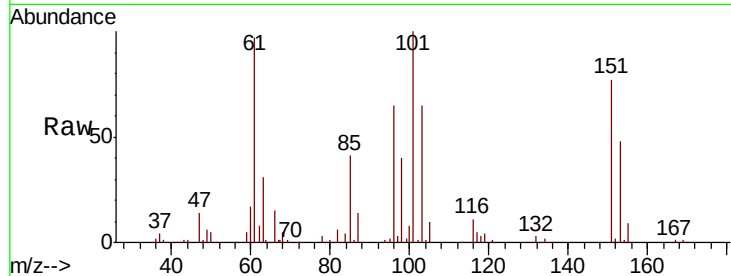
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	79607
Ion Ratio	Lower	Upper	
101	100		
85	42.9	35.2	52.8
151	75.1	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 53.637 ug/l

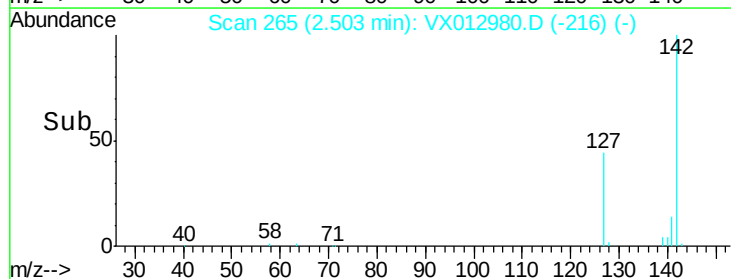
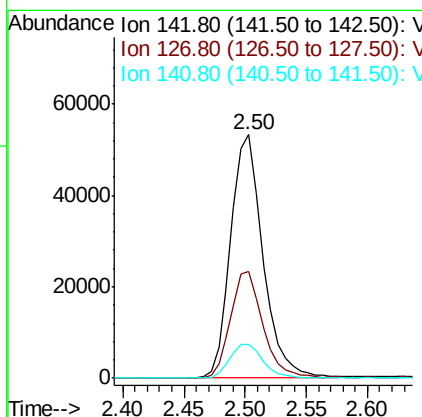
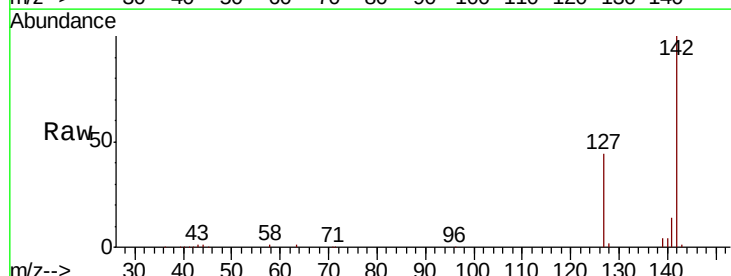
RT: 2.50 min Scan# 265

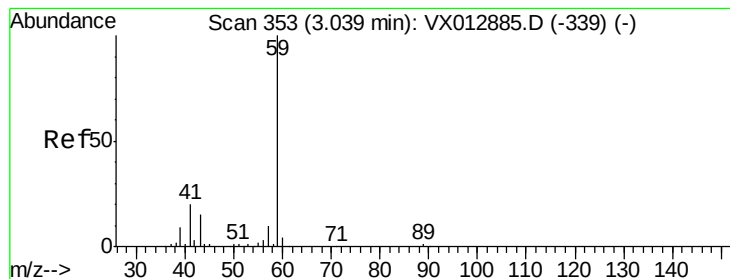
Delta R.T. 0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Tgt Ion:	142	Resp:	97820
Ion Ratio	Lower	Upper	
142	100		
127	44.5	34.9	52.3
141	14.3	11.6	17.4





#11

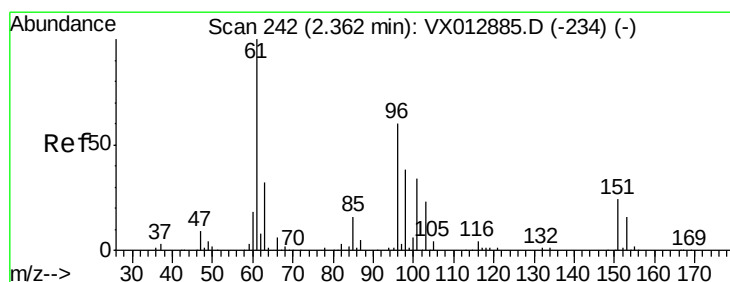
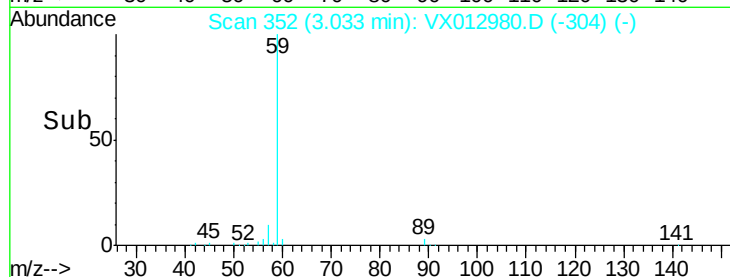
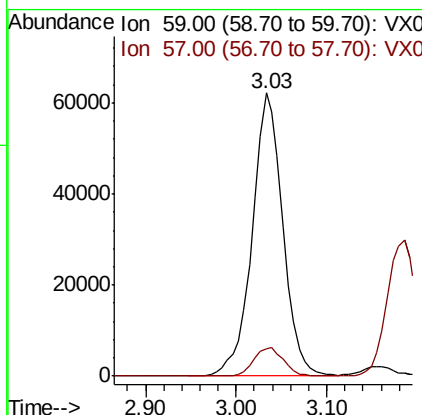
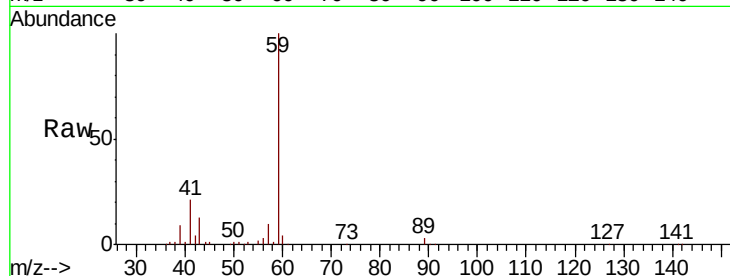
Tert butyl alcohol
 Concen: 274.364 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	145198
Ion Ratio	100	Lower	Upper
57	9.9	8.3	12.5

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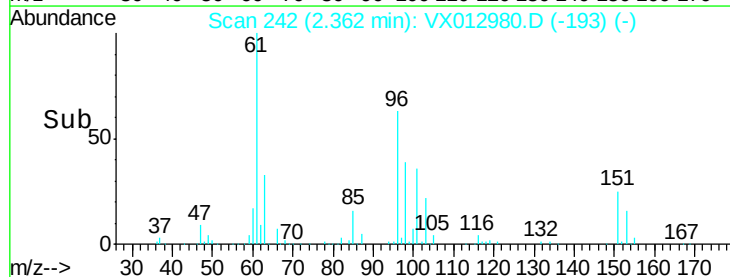
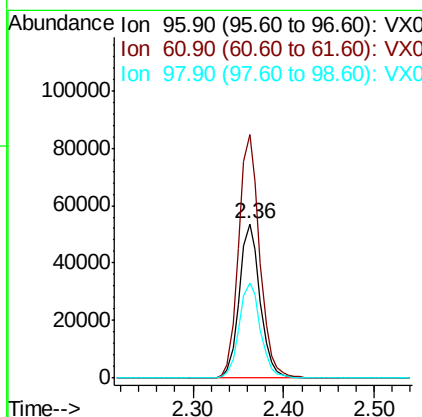
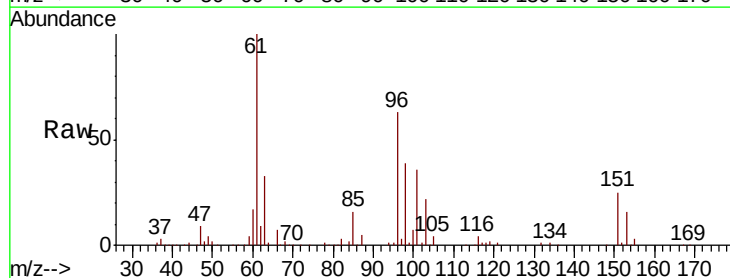
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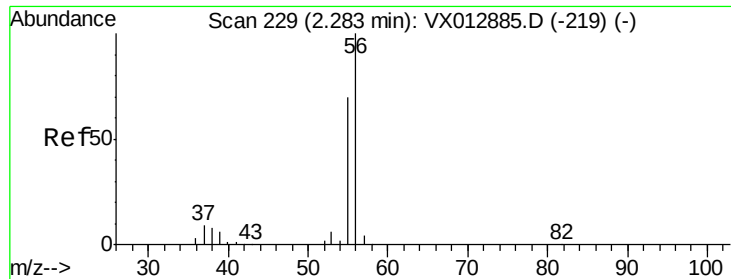


#12

1,1-Dichloroethene
 Concen: 52.886 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion	96	Resp	85363
Ion Ratio	100	Lower	Upper
61	158.0	132.2	198.4
98	62.1	50.5	75.7





#13

Acrolein

Concen: 229.447 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 86293

Ion Ratio Lower Upper

56 100

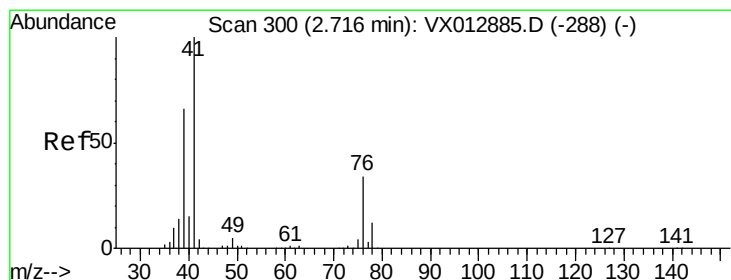
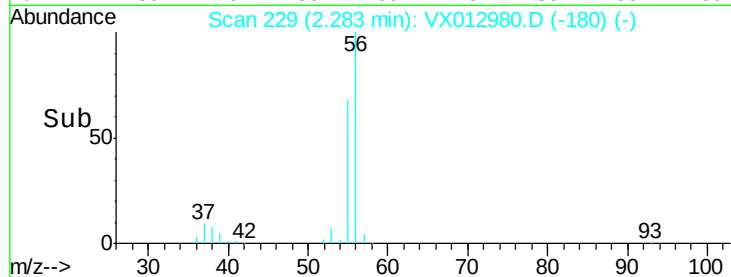
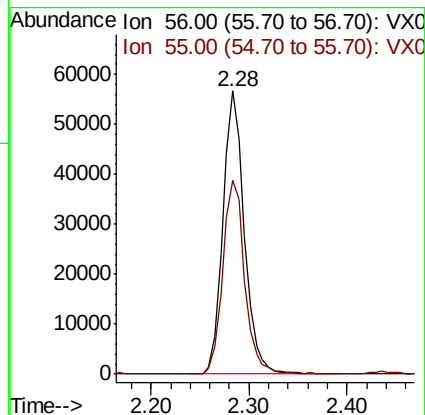
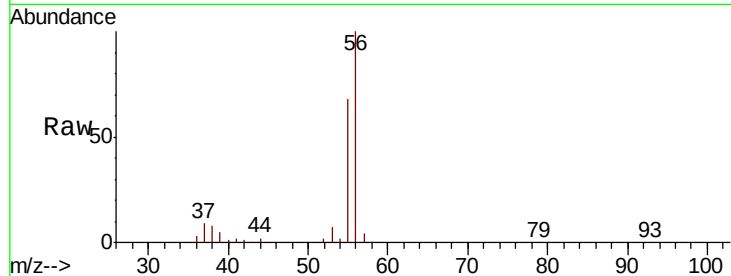
55 69.5 56.6 85.0

Manual Integrations

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#14

Allyl chloride

Concen: 53.008 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

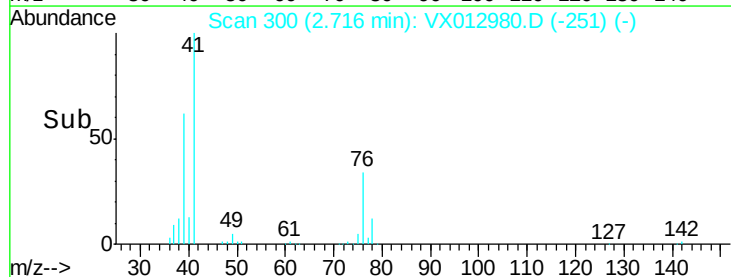
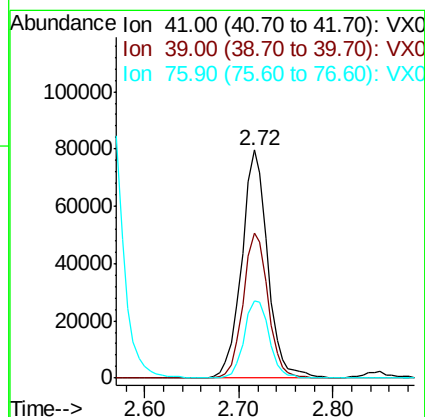
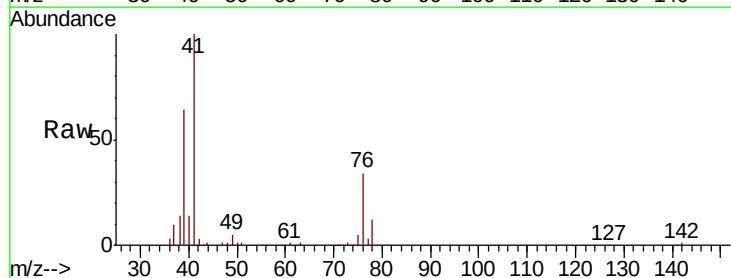
Tgt Ion: 41 Resp: 152371

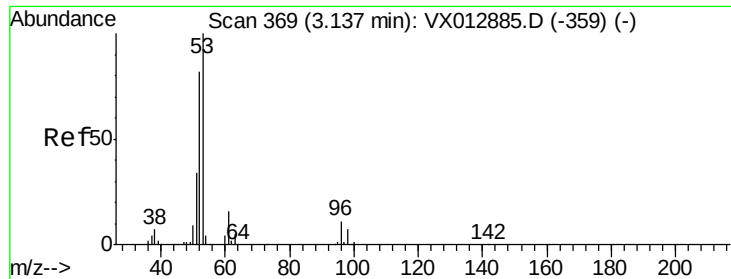
Ion Ratio Lower Upper

41 100

39 61.5 51.0 76.6

76 32.6 26.2 39.4





#15

Acrylonitrile

Concen: 280.137 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

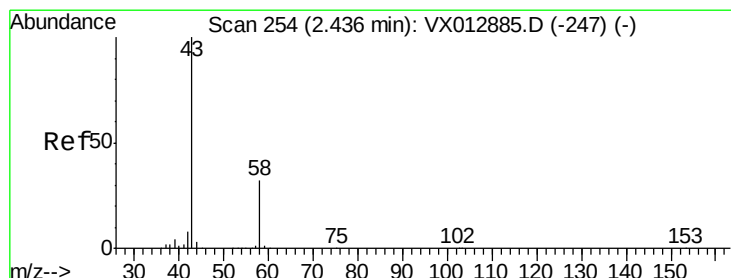
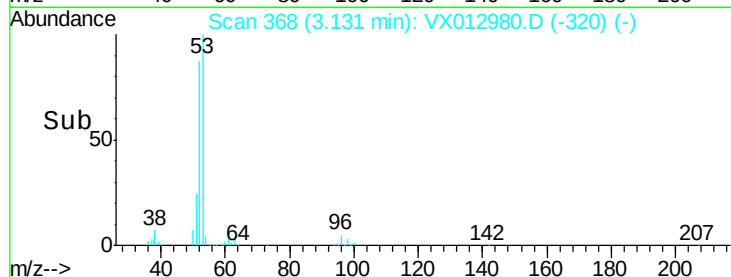
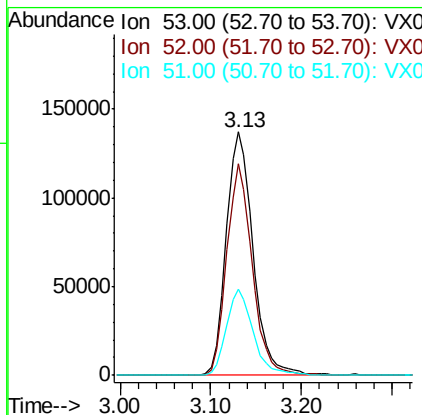
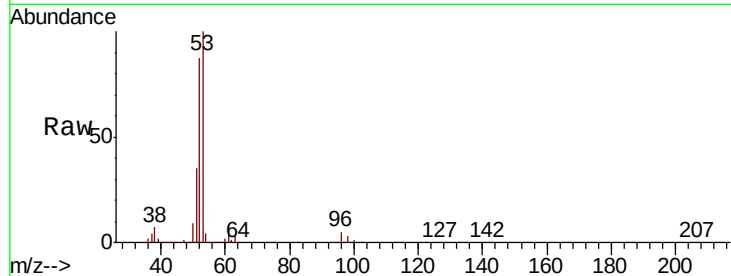
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	280951
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.2	99.2
51	35.4	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 228.245 ug/l

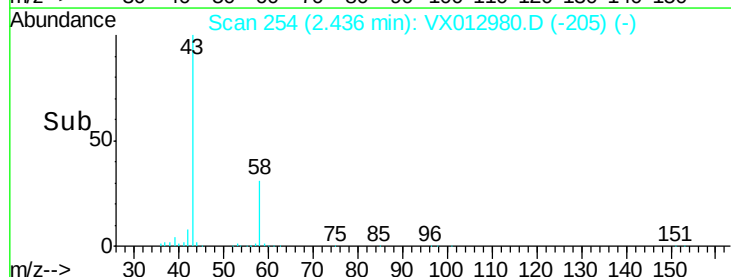
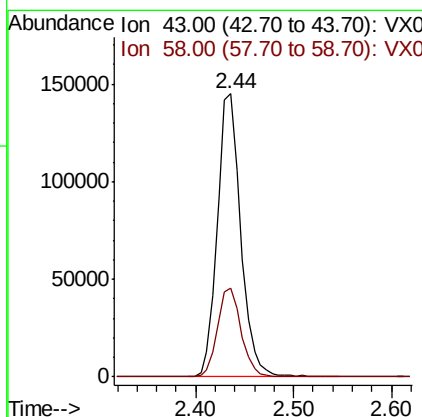
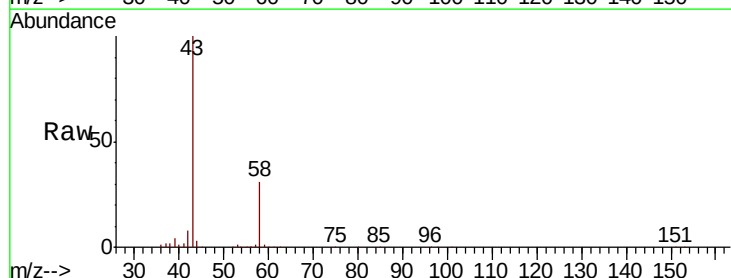
RT: 2.44 min Scan# 254

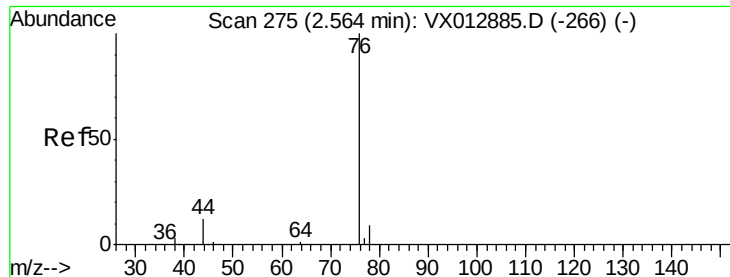
Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Tgt Ion:	43	Resp:	240178
Ion Ratio	Lower	Upper	
43	100		
58	31.4	25.4	38.2





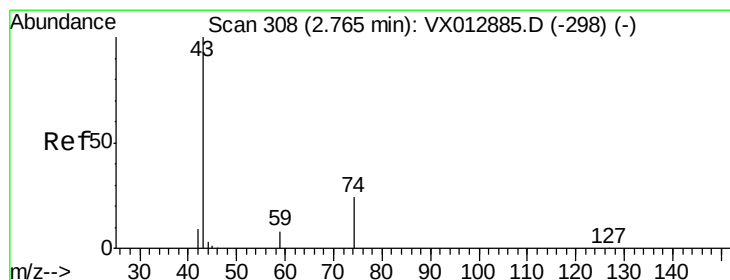
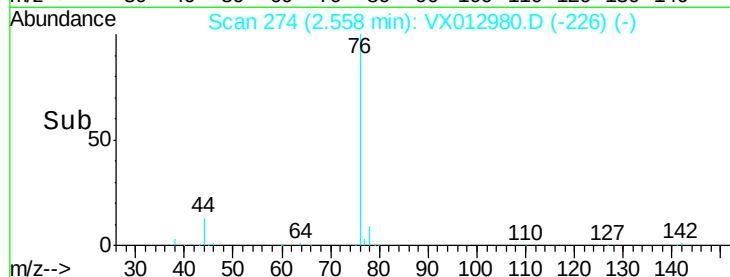
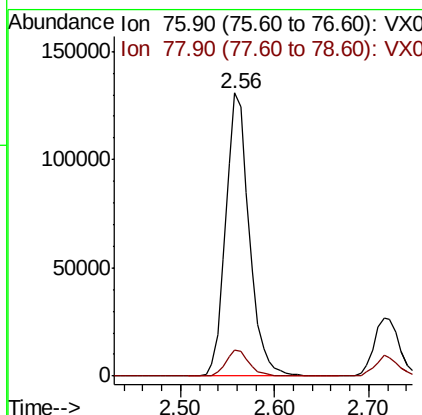
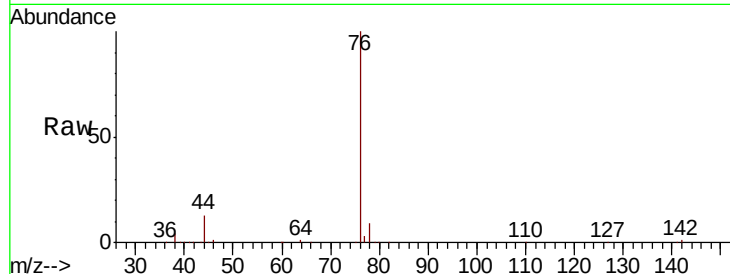
#17
Carbon Disulfide
Concen: 49.268 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

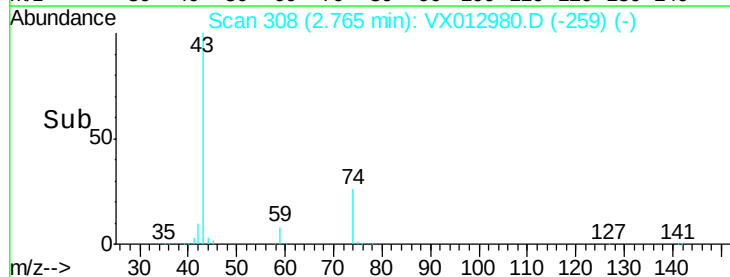
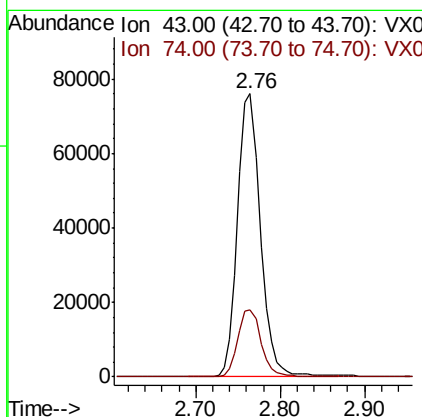
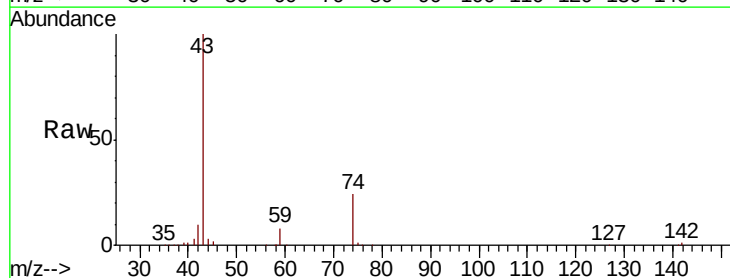
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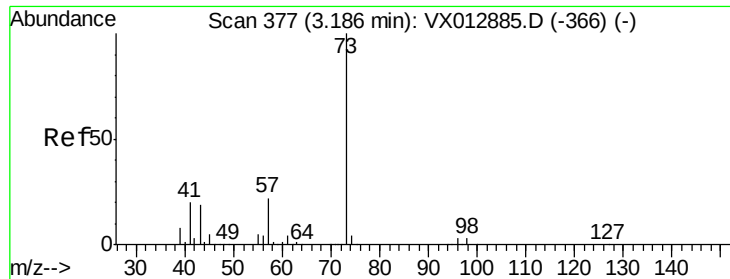
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#18
Methyl Acetate
Concen: 55.621 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.2	28.8





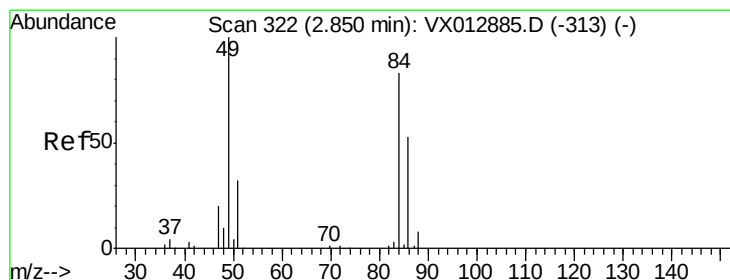
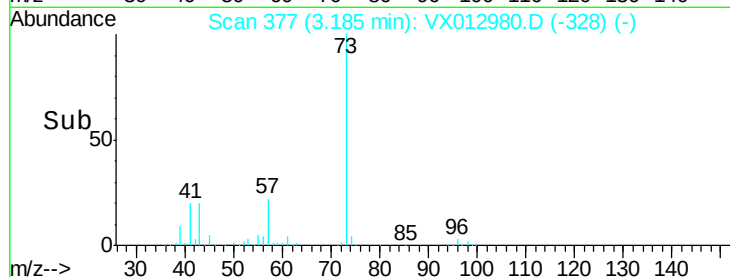
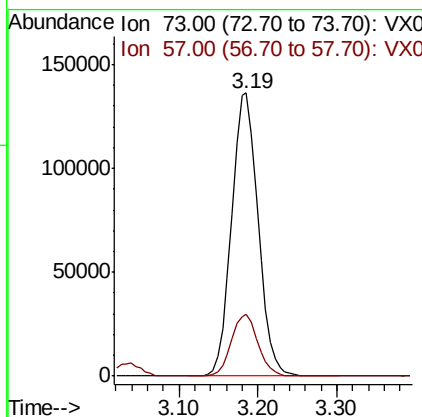
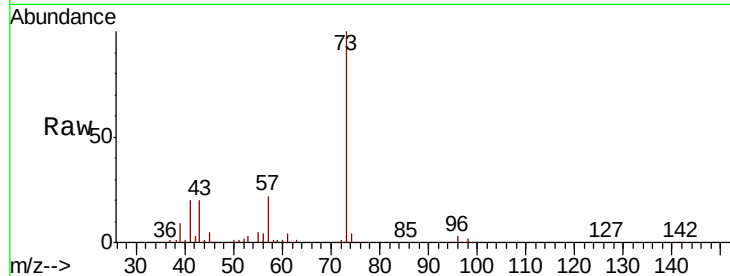
#19
Methyl tert-butyl Ether
Concen: 57.304 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.6

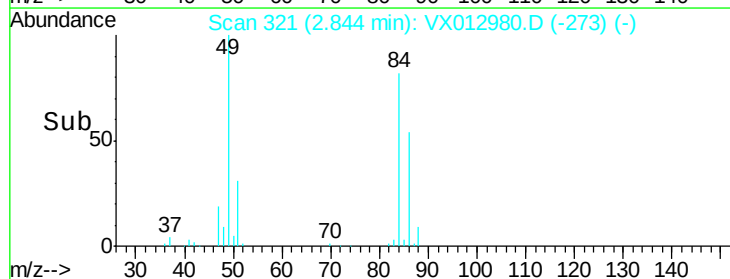
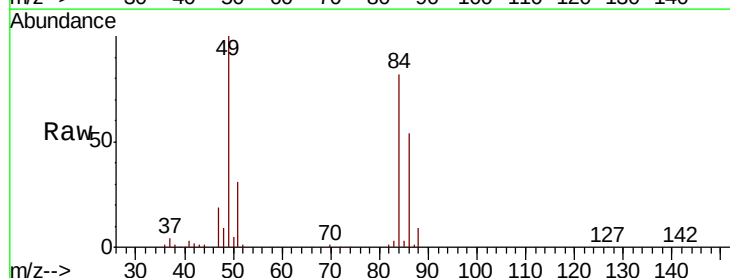
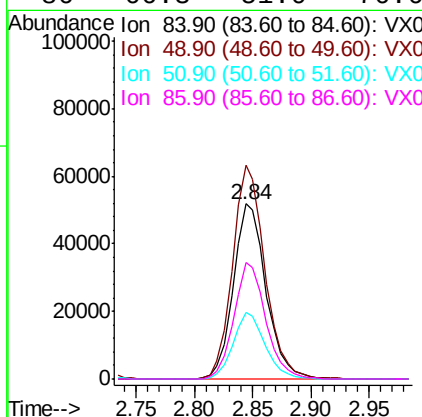
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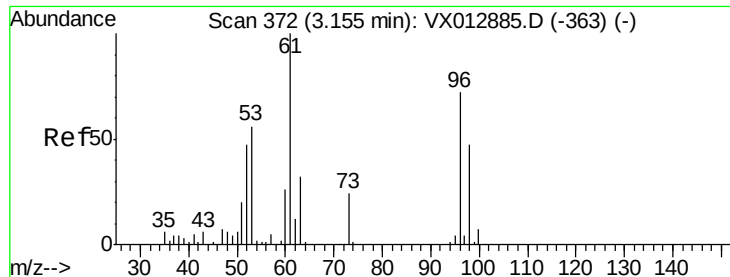
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#20
Methylene Chloride
Concen: 52.496 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.9	96.6	144.8
51	38.3	30.7	46.1
86	66.3	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 55.003 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

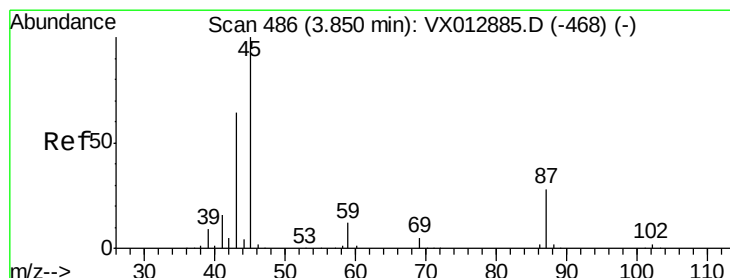
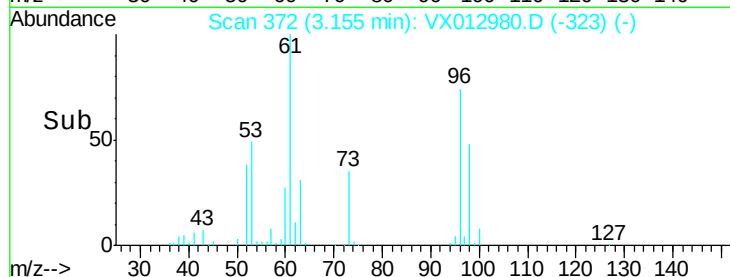
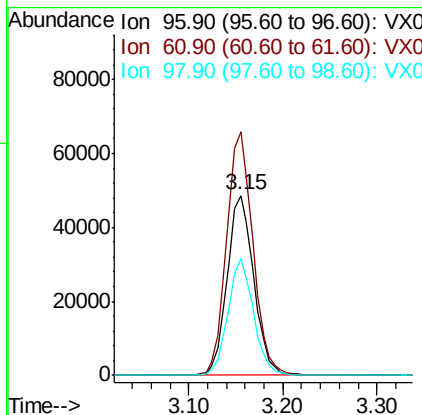
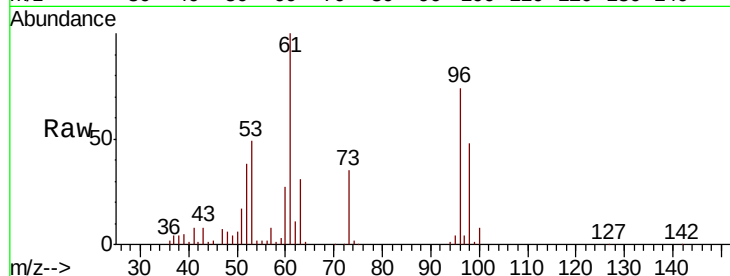
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	95157
Ion	Ratio	Lower	Upper
96	100		
61	135.2	110.4	165.6
98	65.1	51.5	77.3

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#22

Diisopropyl ether

Concen: 56.923 ug/l

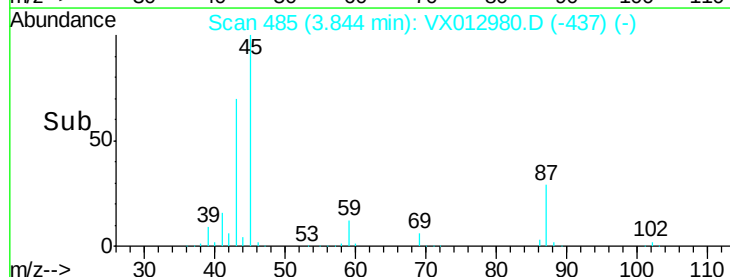
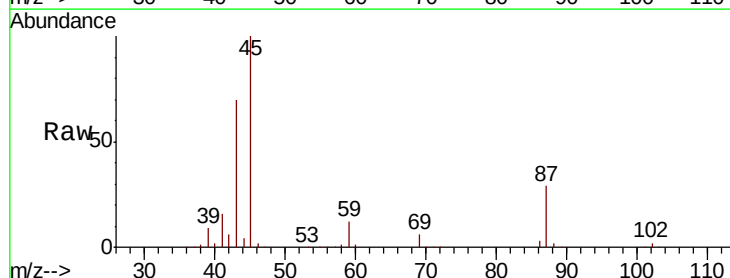
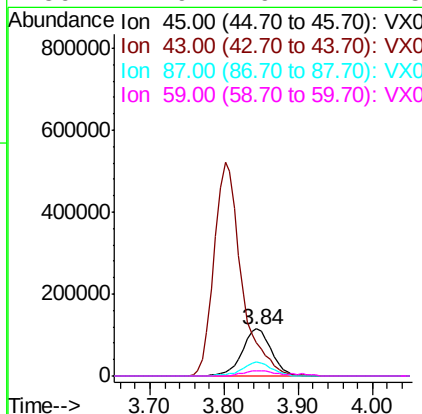
RT: 3.84 min Scan# 485

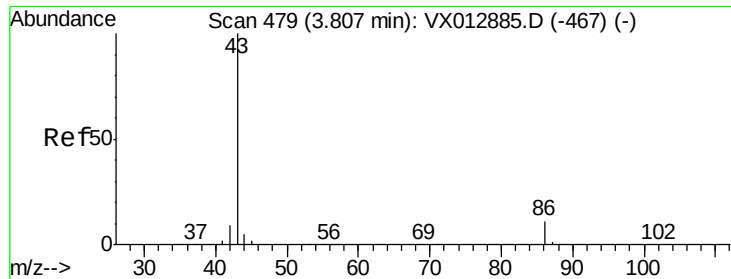
Delta R.T. -0.01 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Tgt Ion:	45	Resp:	313535
Ion	Ratio	Lower	Upper
45	100		
43	69.6	51.4	77.0
87	29.3	22.5	33.7
59	11.9	9.7	14.5





#23

Vinyl Acetate

Concen: 280.555 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1334029

Ion Ratio Lower Upper

43 100

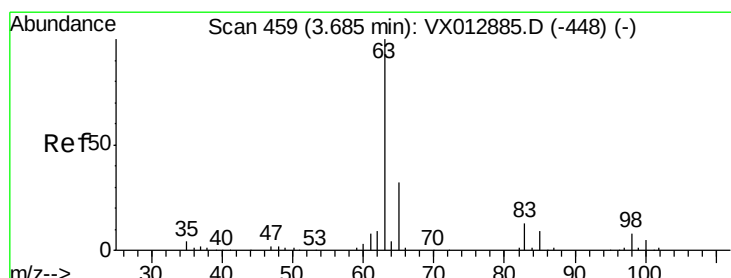
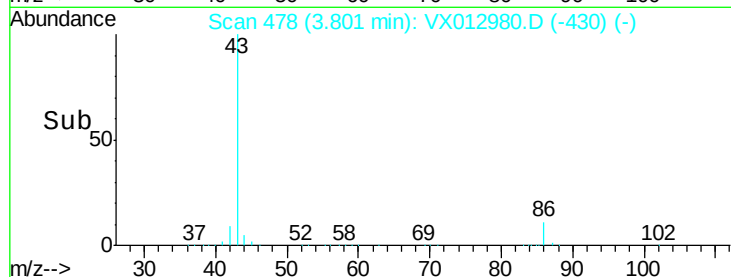
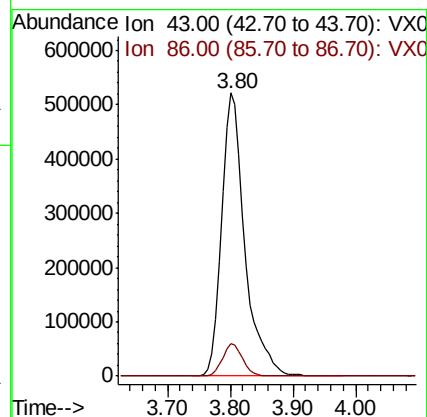
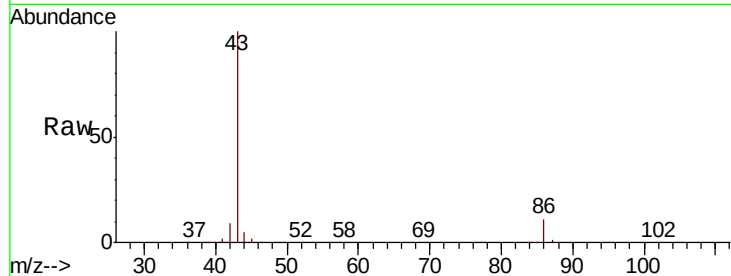
86 11.5 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 56.012 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

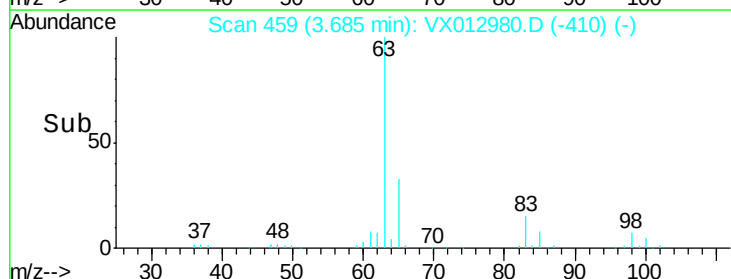
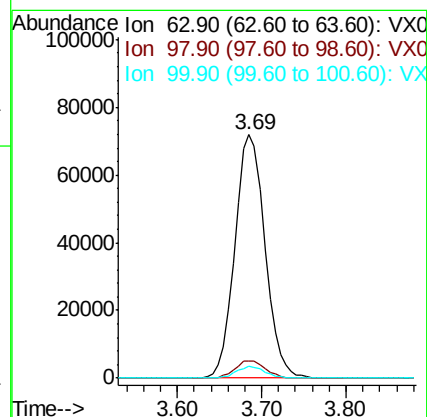
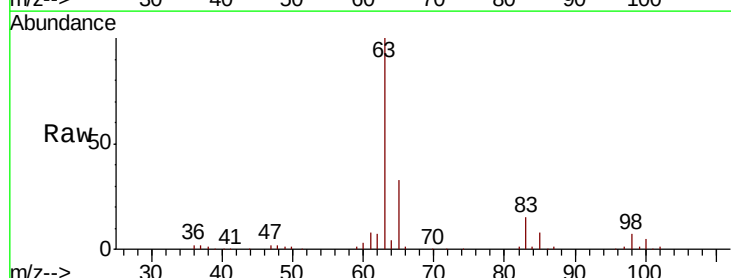
Tgt Ion: 63 Resp: 173565

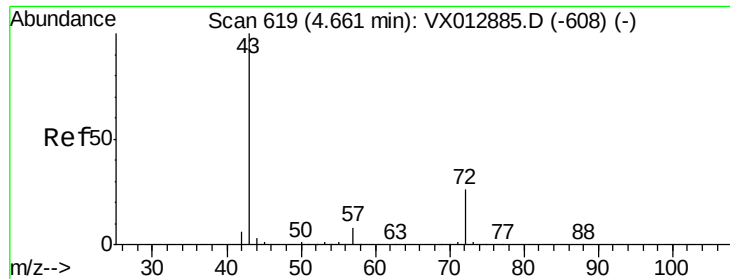
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 265.365 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 387405

Ion Ratio Lower Upper

43 100

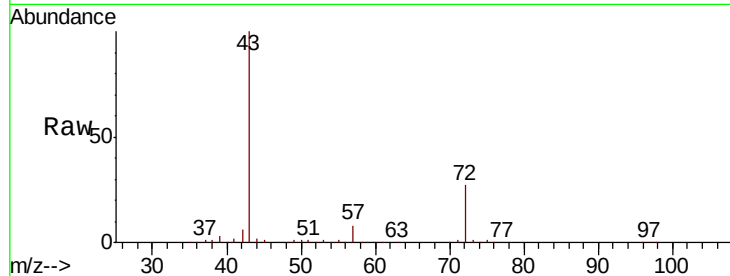
72 26.7 21.0 31.6

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

150000

100000

50000

0

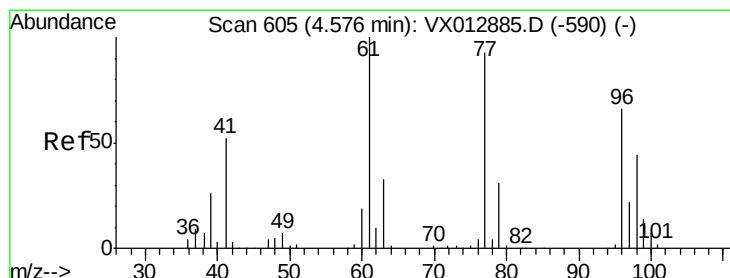
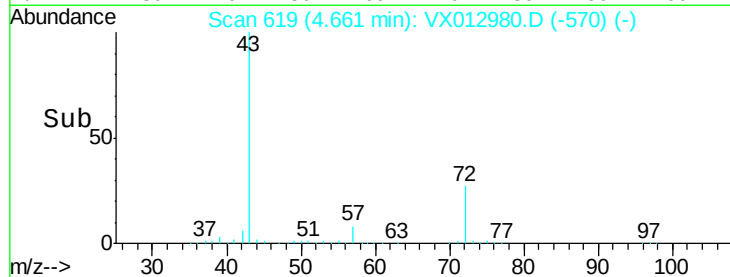
4.66

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.897 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX012980.D

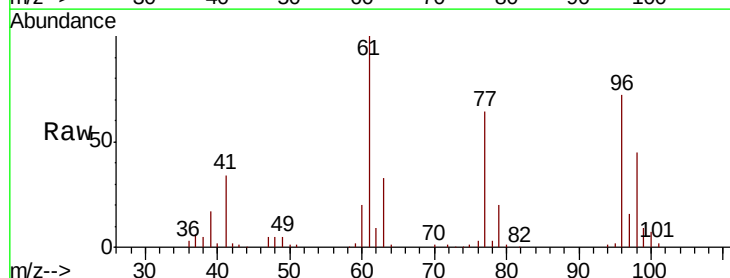
Acq: 10 Oct 2019 06:52

Tgt Ion: 77 Resp: 98748

Ion Ratio Lower Upper

77 100

97 23.9 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

20000

10000

0

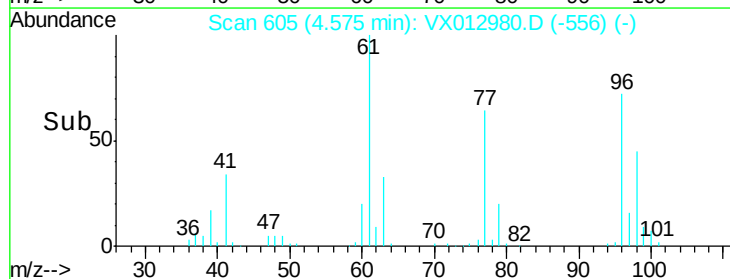
4.58

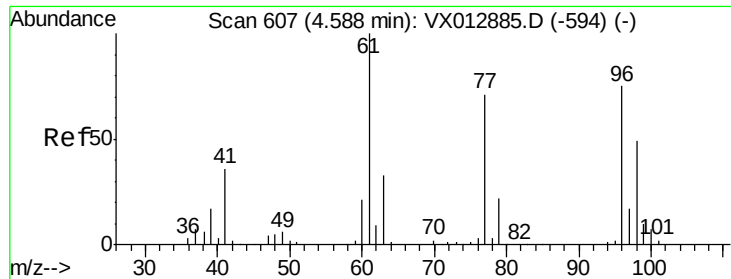
4.50

4.60

4.70

Time-->





#27

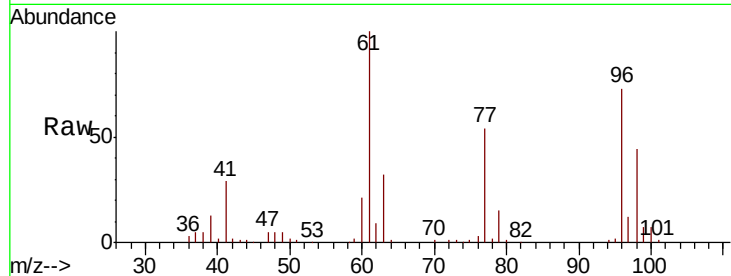
cis-1,2-Dichloroethene
Concen: 54.806 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

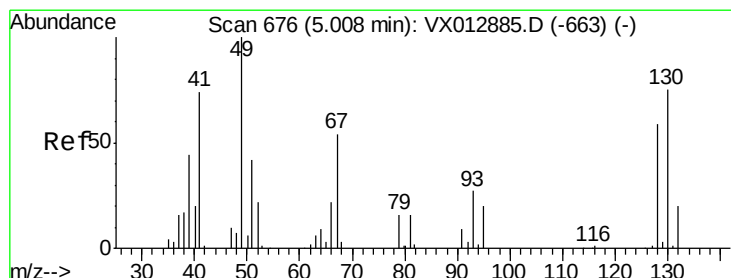
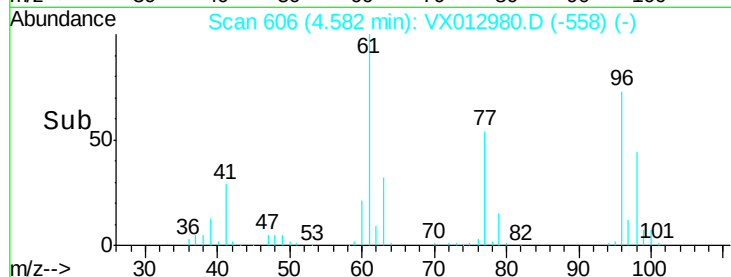
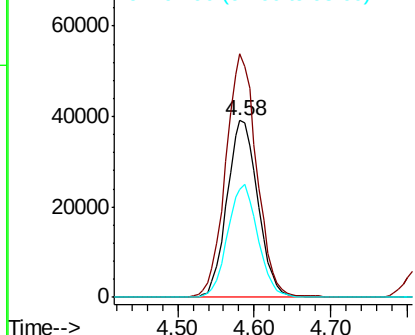
Tot Ion	Ratio	Resp	Lower	Upper
96	100	109292		
61	138.6	0.0	290.6	
98	62.6	0.0	128.8	

Manual Integrations
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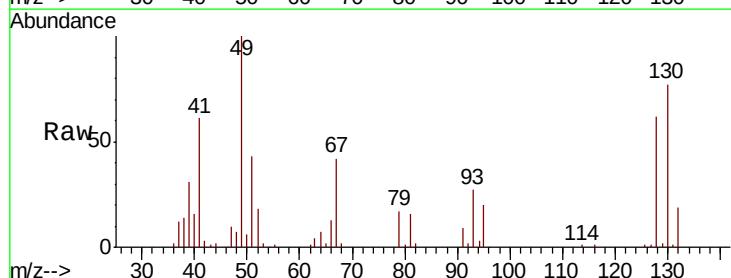
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



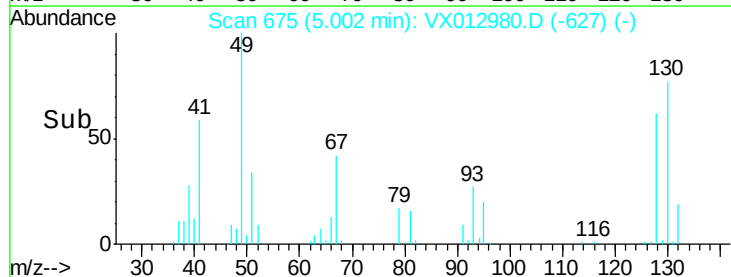
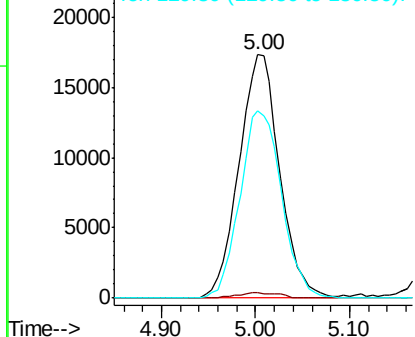
#28

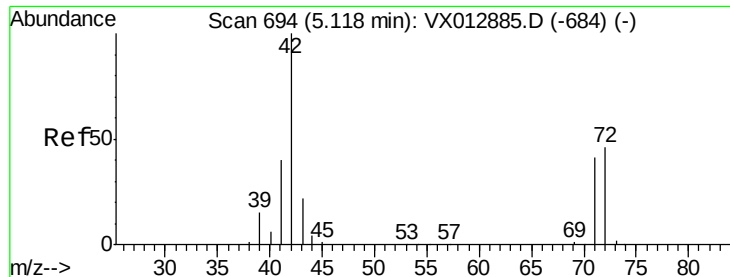
Bromochloromethane
Concen: 56.533 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	52298		
129	2.4	0.0	4.2	
130	78.8	62.1	93.1	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





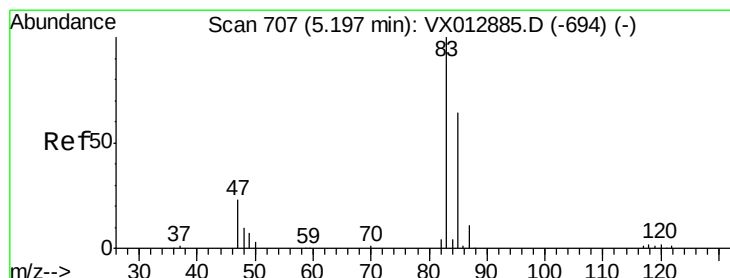
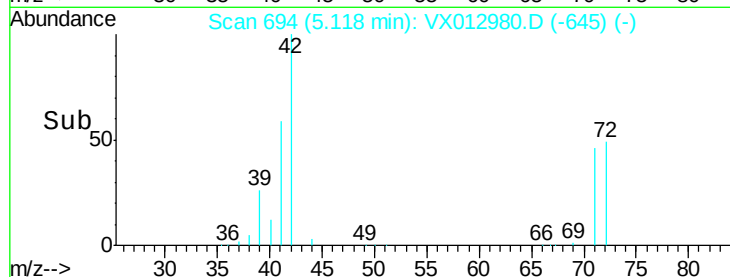
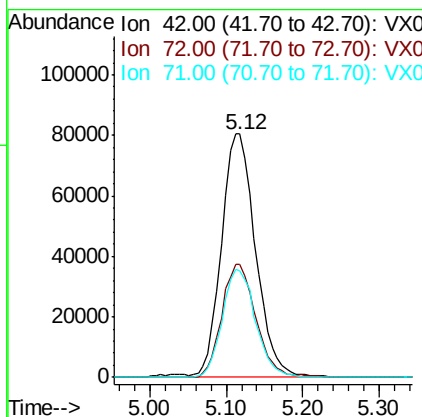
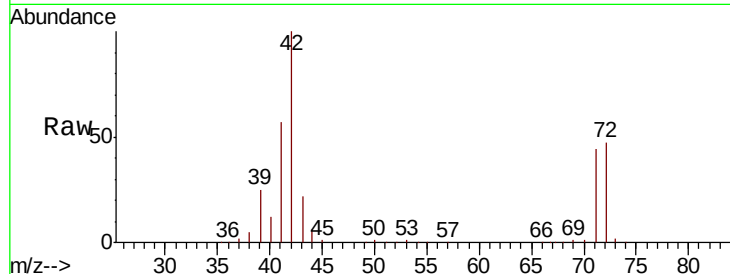
#29
Tetrahydrofuran
Concen: 275.030 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	36.9	55.3
71	43.8	33.5	50.3

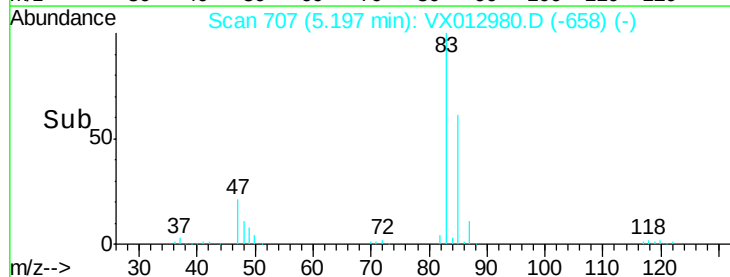
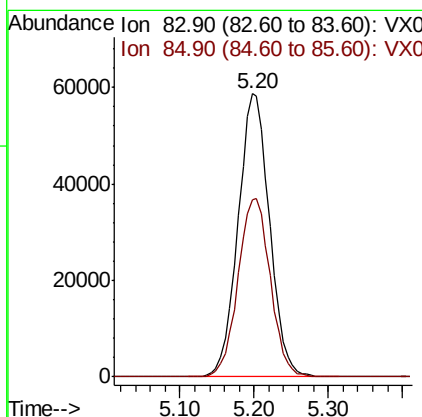
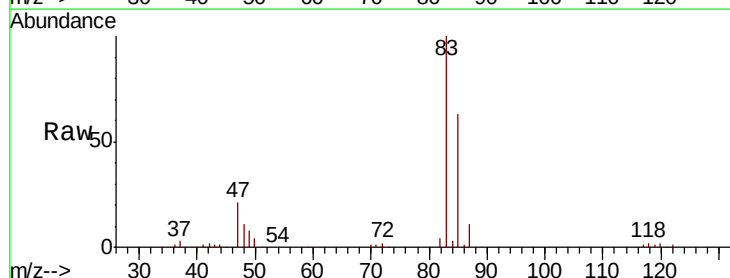
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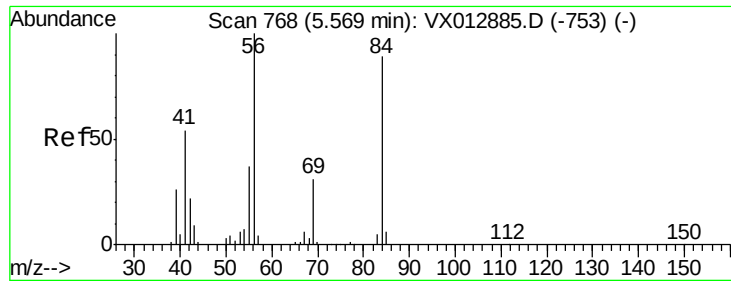
MMDadoda
10/10/2019 9:05:02 AM



#30
Chloroform
Concen: 54.746 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.5	77.3





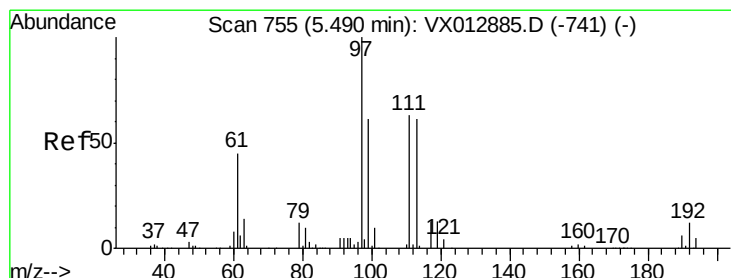
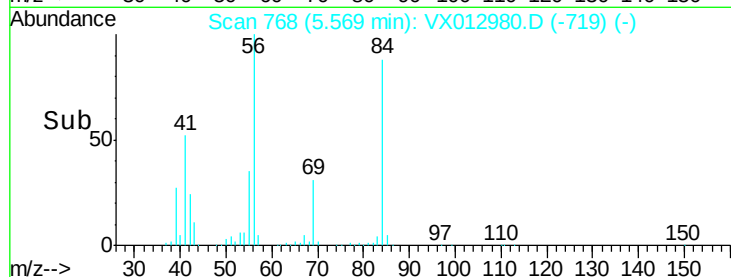
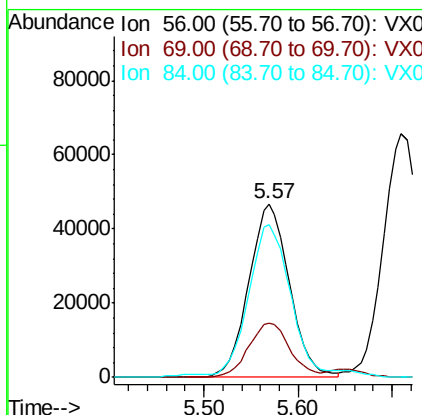
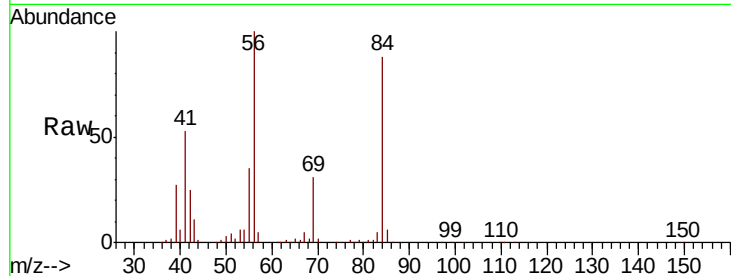
#31
Cyclohexane
Concen: 48.816 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.2	37.8
84	86.7	71.3	106.9

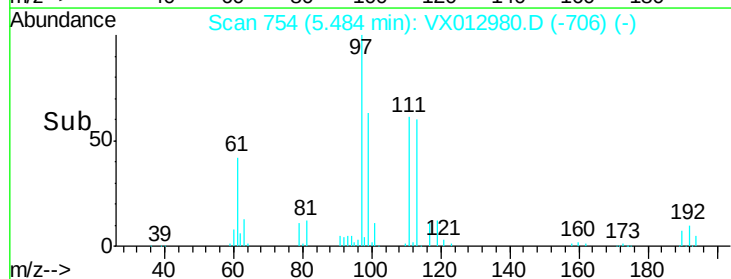
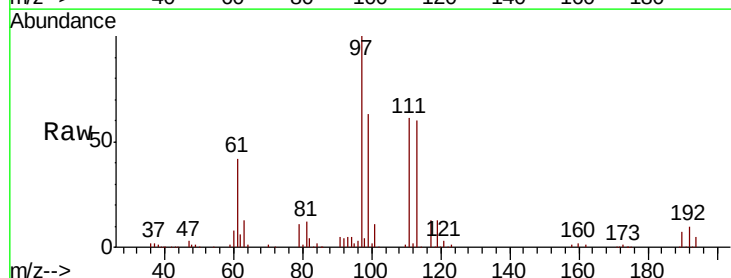
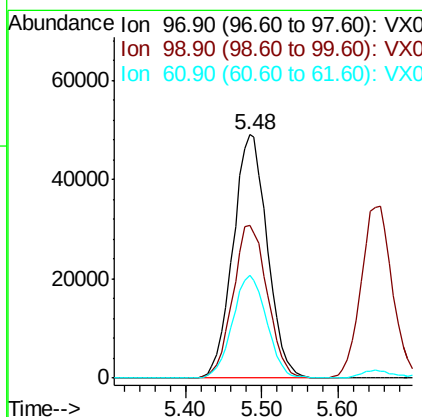
Manual Integrations
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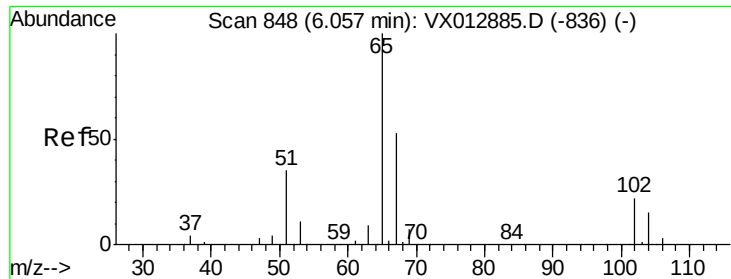
MMDadoda
10/10/2019 9:05:02 AM



#32
1,1,1-Trichloroethane
Concen: 56.451 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	52.3	78.5
61	42.2	35.0	52.4





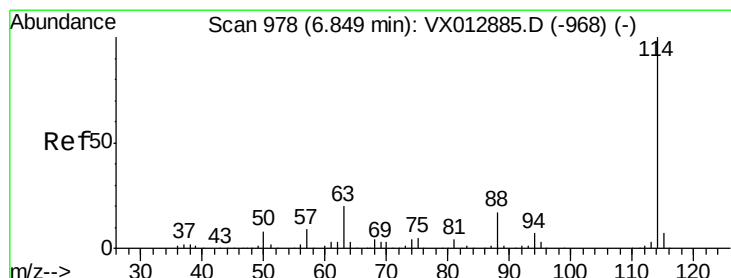
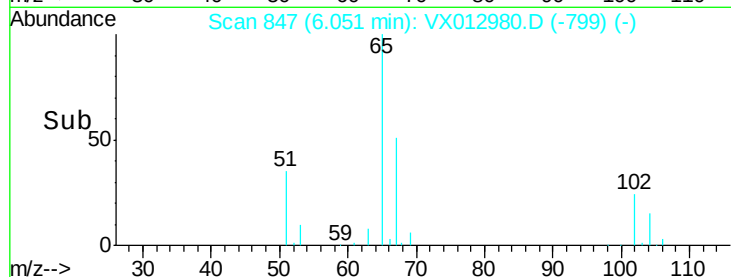
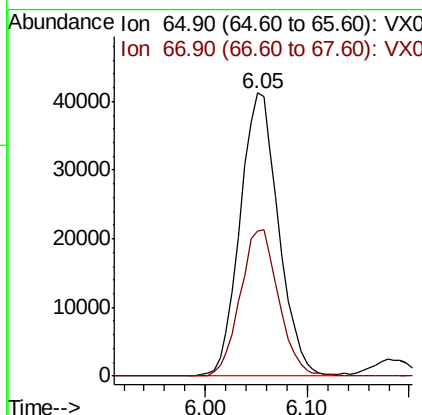
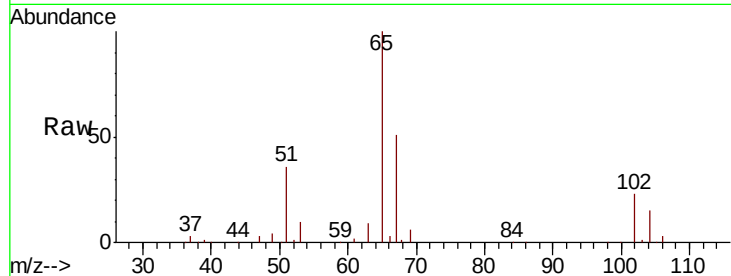
#33
 1,2-Dichloroethane-d4
 Concen: 54.182 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	108167		
67	51.9	0.0	104.4	

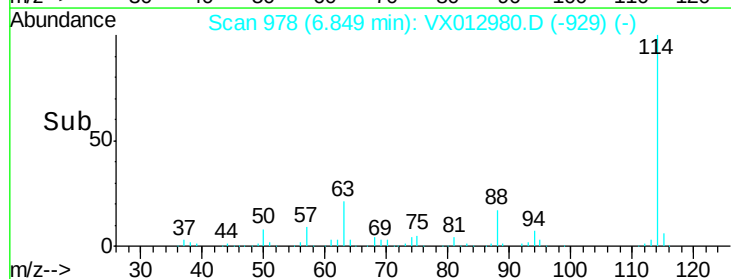
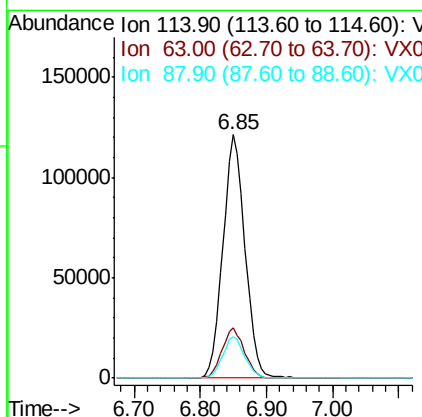
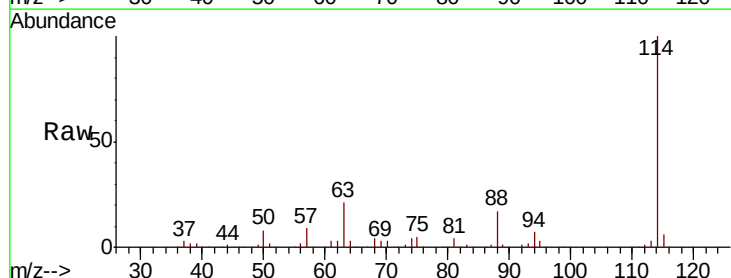
Manual Integrations
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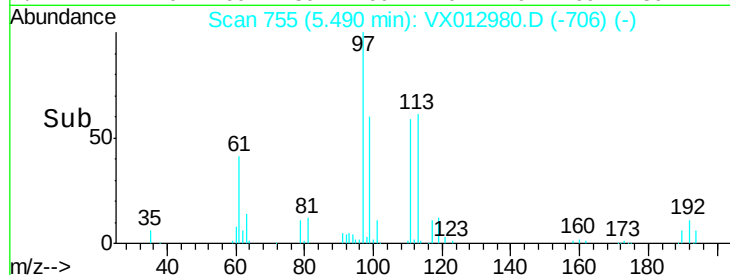
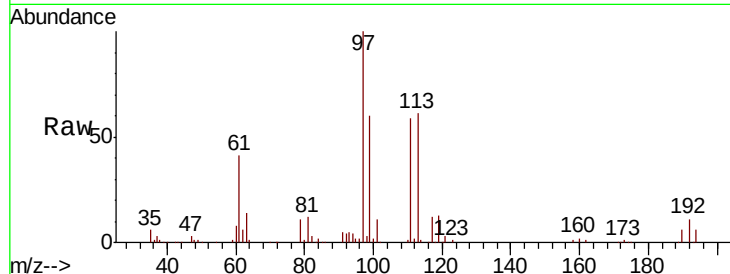
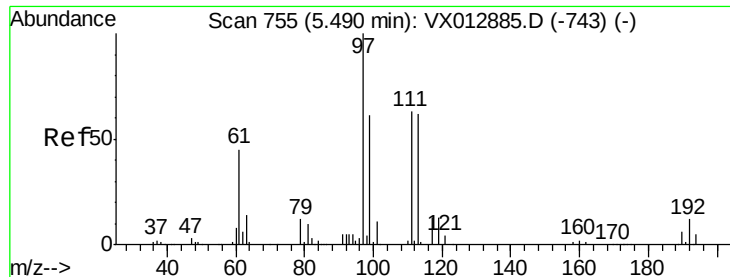
MMDadoda
 10/10/2019 9:05:02 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	281594		
63	20.5	0.0	40.8	
88	17.2	0.0	33.8	





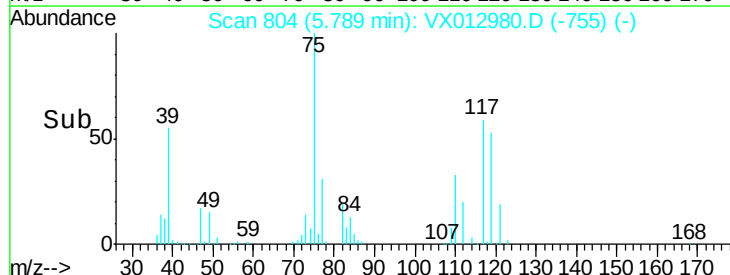
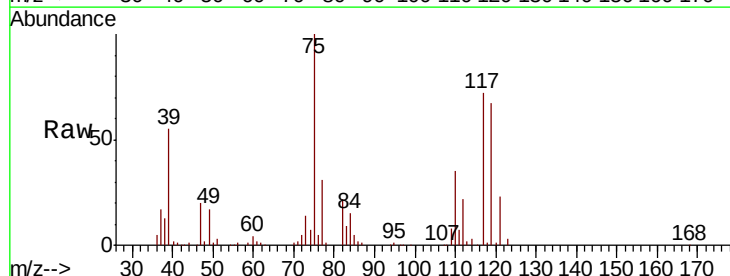
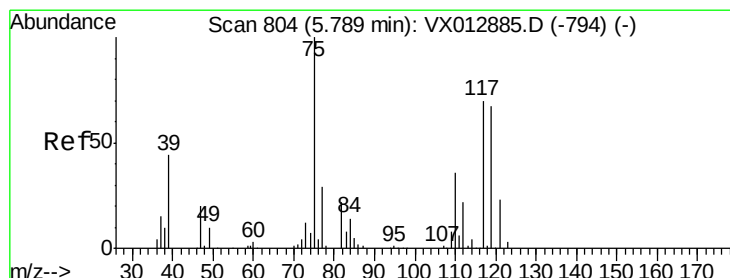
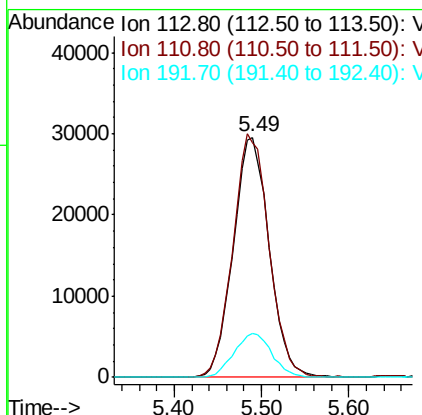
#35
Dibromofluoromethane
Concen: 52.335 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.2	124.8
192	19.1	15.4	23.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

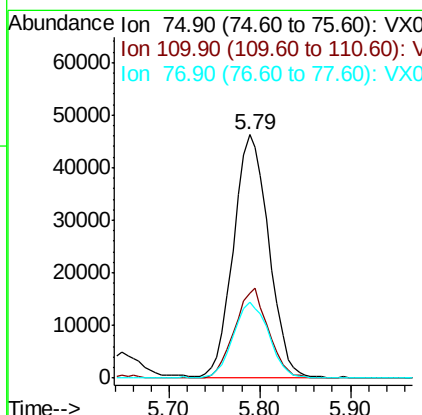
Manual Integrations
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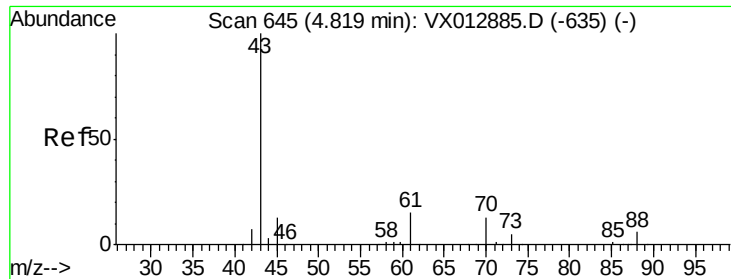
MMDadoda
10/10/2019 9:05:02 AM



#36
1,1-Dichloropropene
Concen: 50.156 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.6	52.9
77	31.8	24.4	36.6





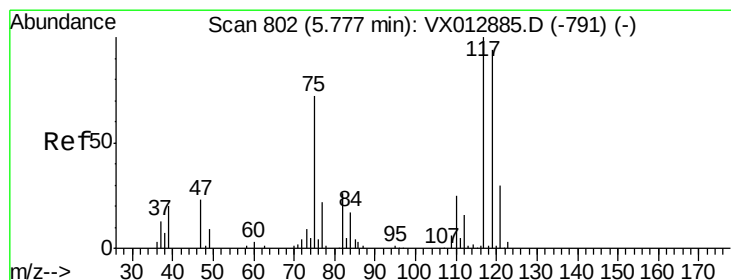
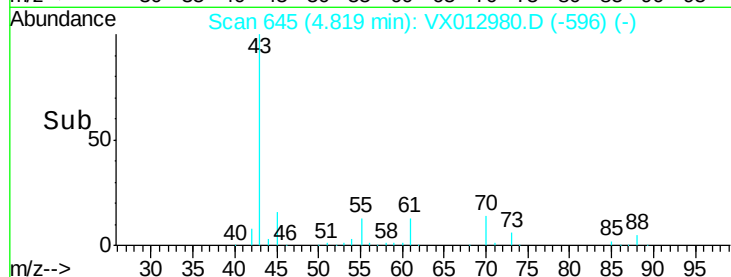
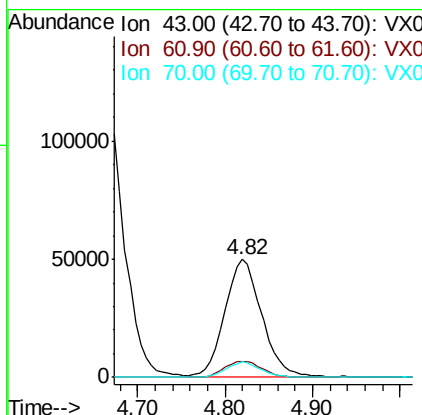
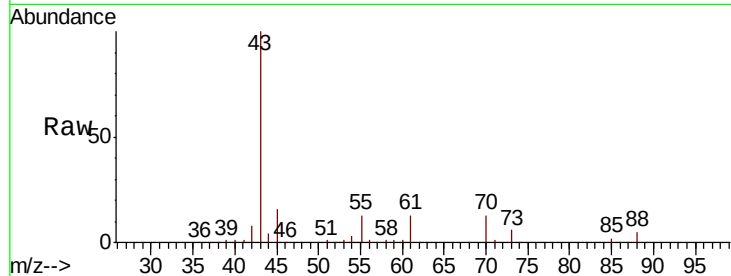
#37
Ethyl Acetate
Concen: 51.986 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.4	17.0
70	12.5	9.8	14.6

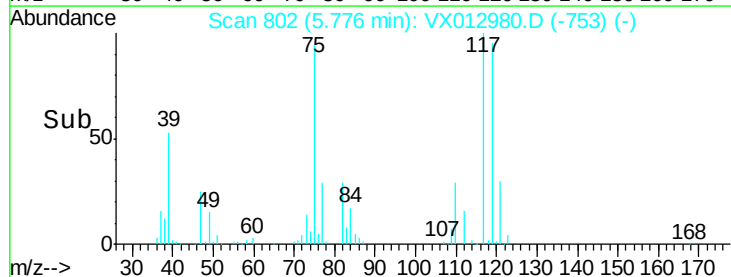
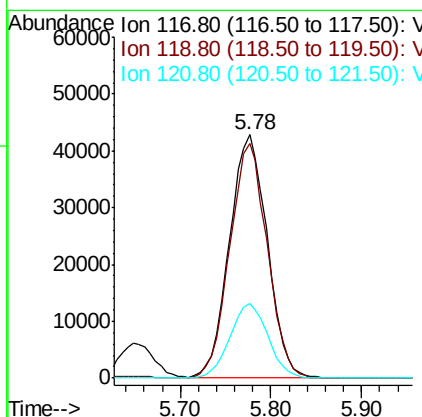
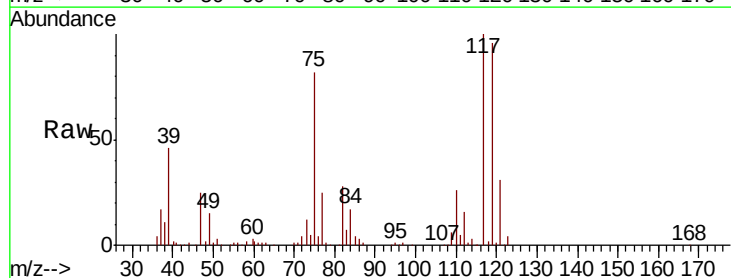
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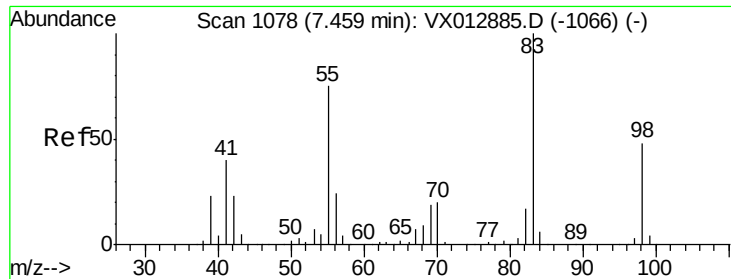
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#38
Carbon Tetrachloride
Concen: 51.596 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.5	111.7
121	30.6	24.2	36.4





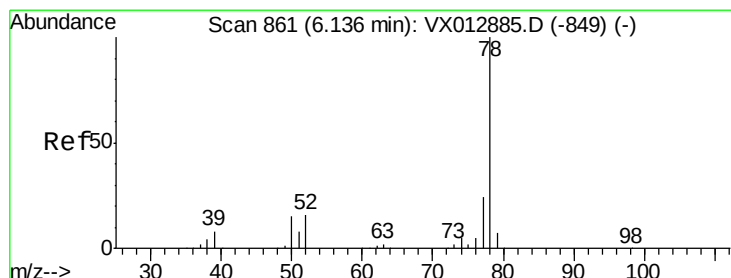
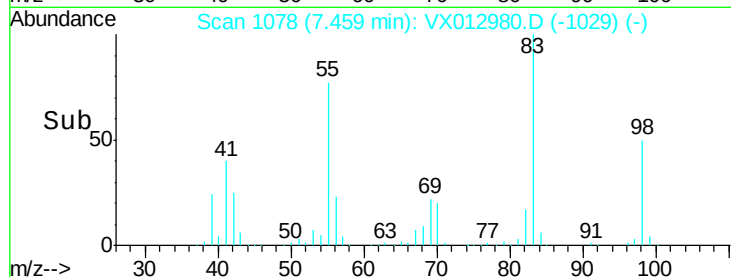
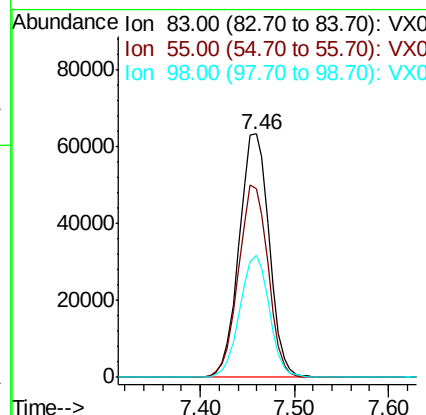
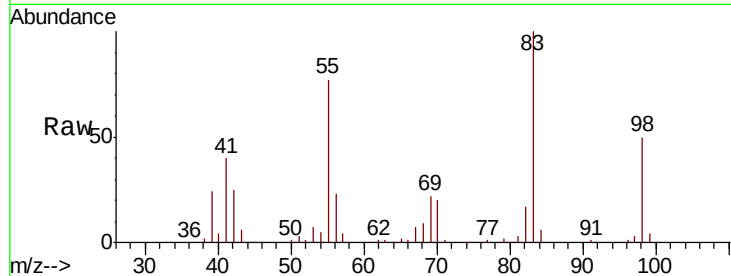
#39
Methylvlcyclohexane
Concen: 46.947 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	60.2	90.4
98	50.0	38.5	57.7

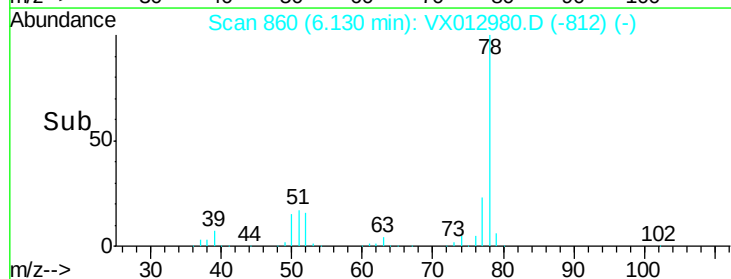
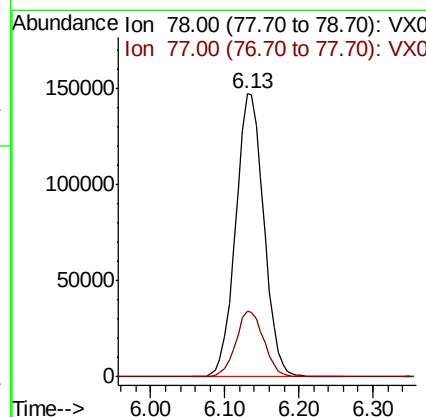
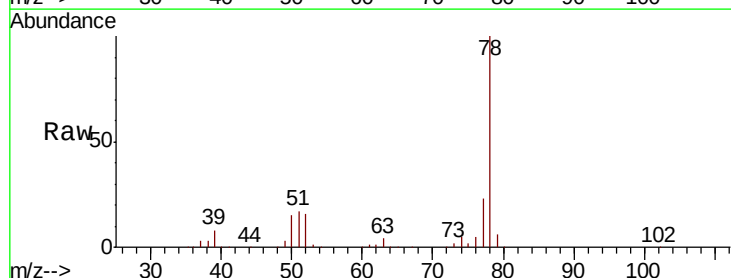
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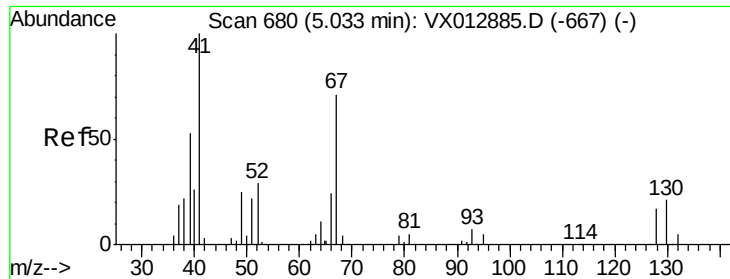
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#40
Benzene
Concen: 53.286 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





#41

Methacrylonitrile

Concen: 53.282 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 81053

Ion Ratio Lower Upper

41 100

39 54.1 44.0 66.0

67 72.7 58.5 87.7

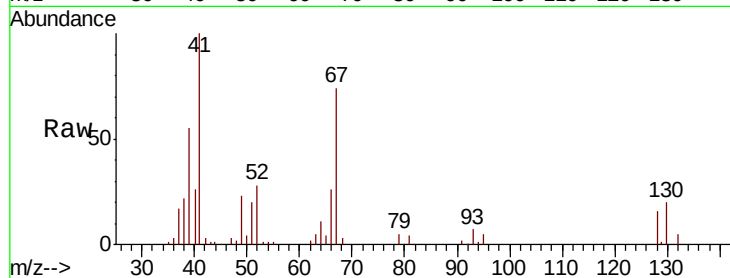
52 29.3 23.8 35.8

Manual Integrations

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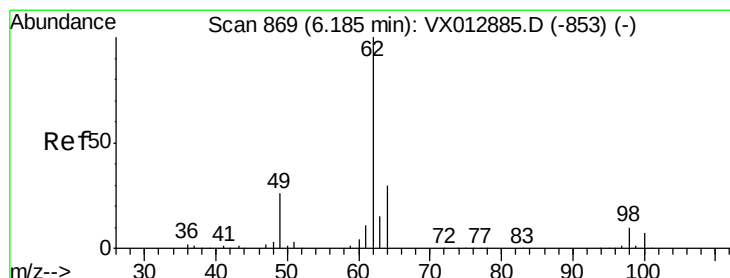
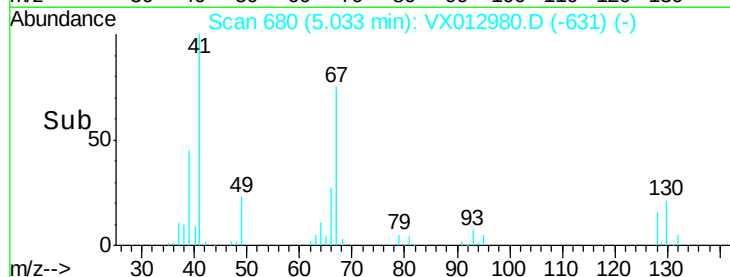
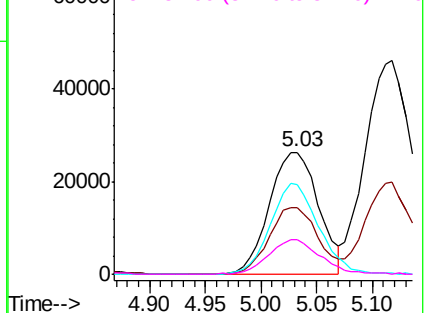


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.854 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012980.D

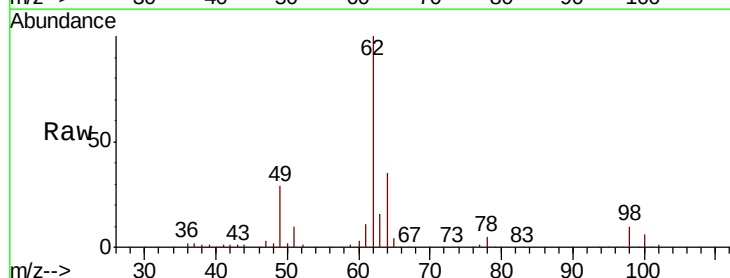
Acq: 10 Oct 2019 06:52

Tgt Ion: 62 Resp: 141305

Ion Ratio Lower Upper

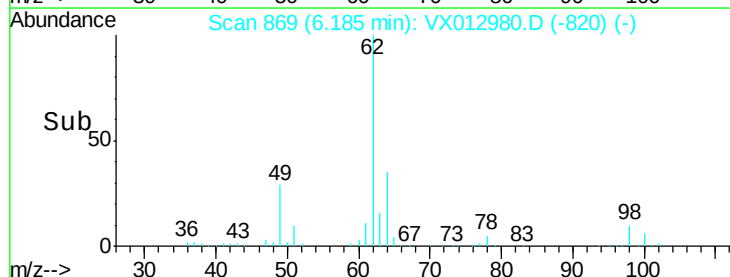
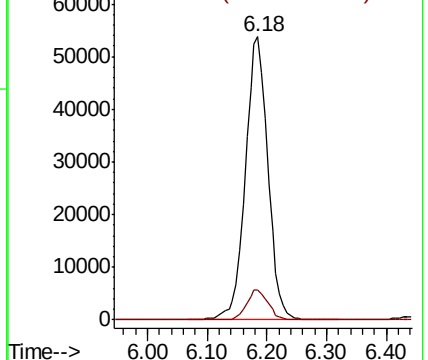
62 100

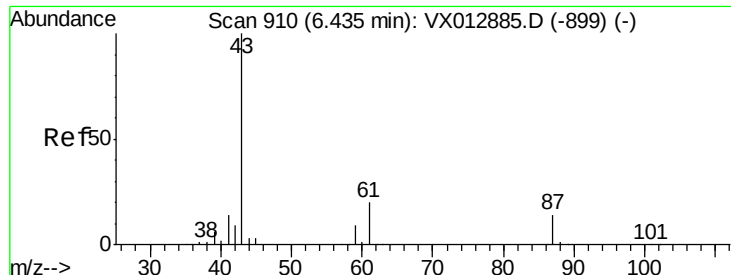
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





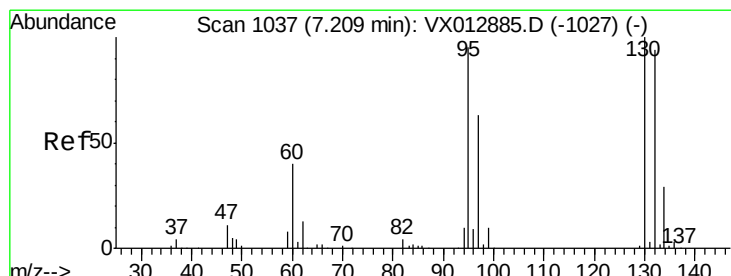
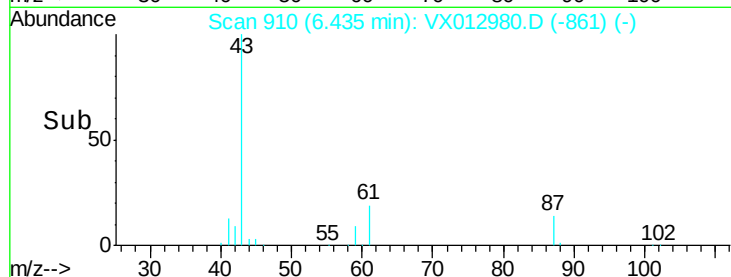
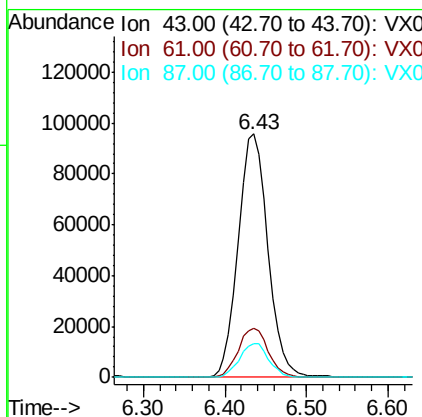
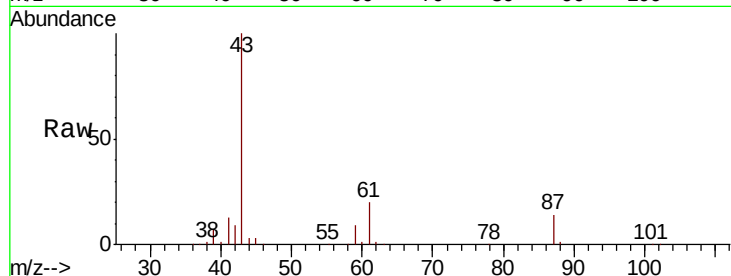
#43
Isopropyl Acetate
Concen: 54.498 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.6	24.8
87	13.9	11.0	16.6

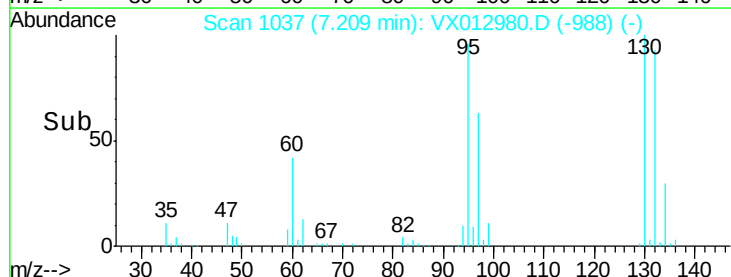
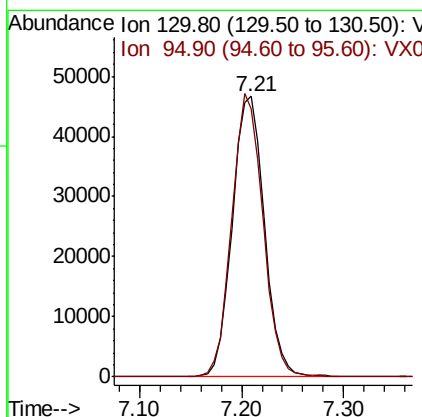
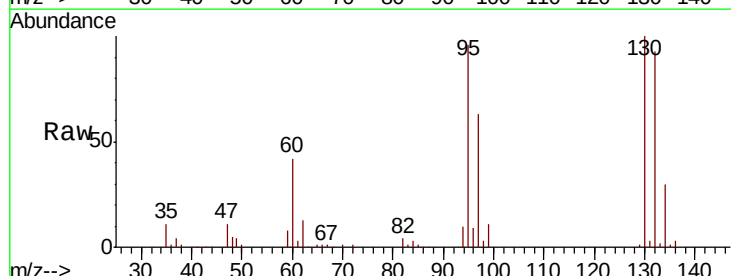
Manual Integrations
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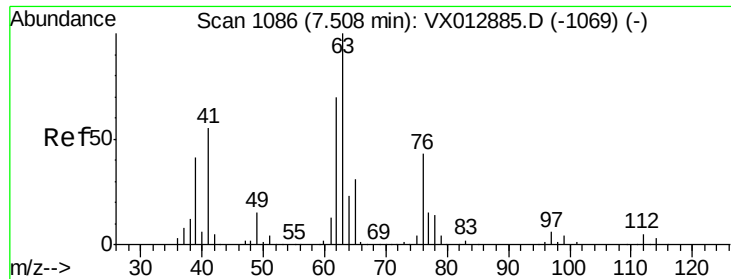
MMDadoda
10/10/2019 9:05:02 AM



#44
Trichloroethene
Concen: 50.014 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	189.2





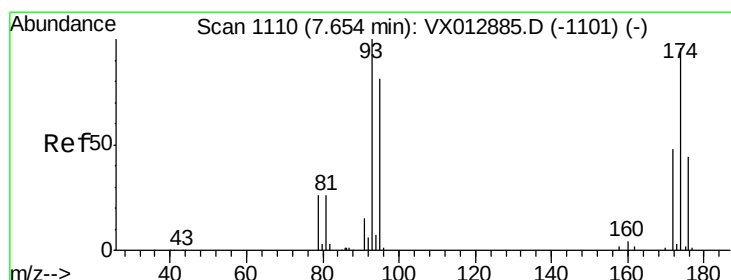
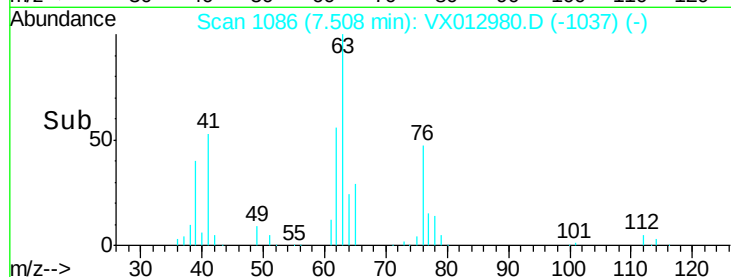
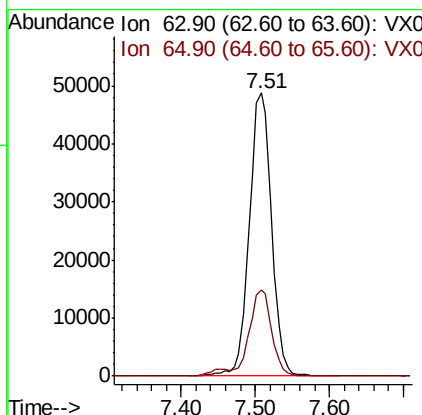
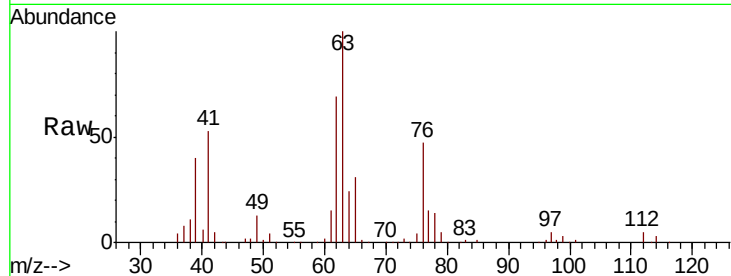
#45
 1,2-Dichloropropane
 Concen: 54.932 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 102374
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 37.0

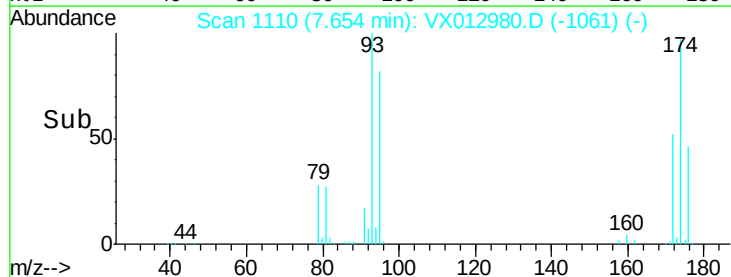
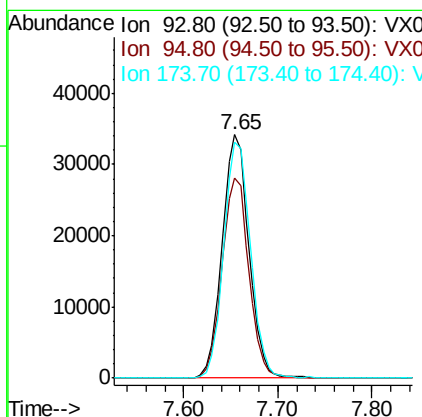
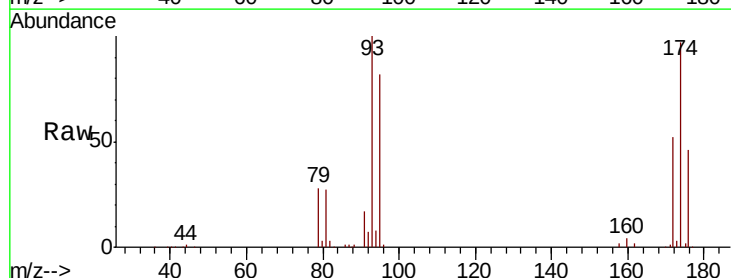
Manual Integrations
 APPROVED

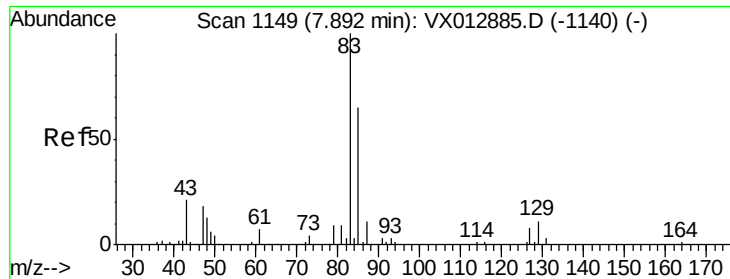
MMDadoda
 10/10/2019 9:05:02 AM



#46
 Dibromomethane
 Concen: 54.120 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion: 93 Resp: 67199
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.3 99.5
 174 97.4 77.8 116.6





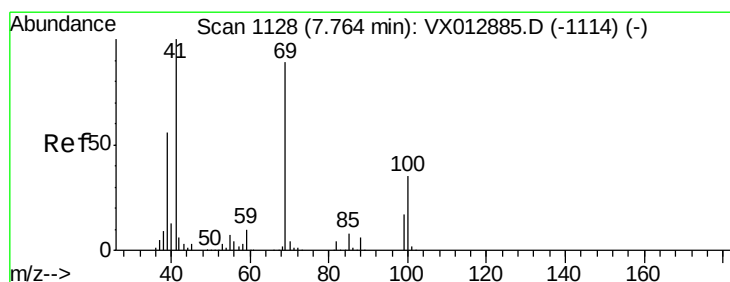
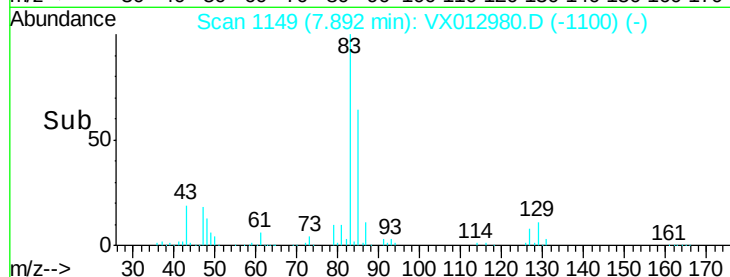
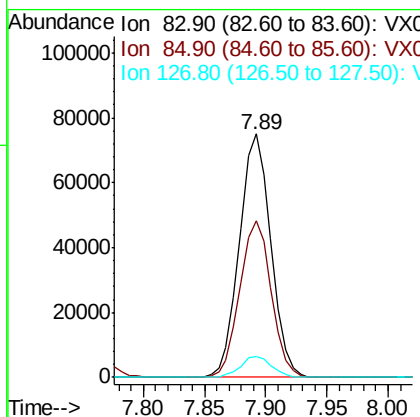
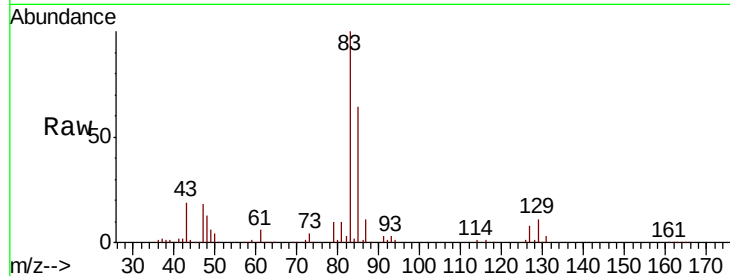
#47
Bromodichloromethane
Concen: 55.139 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	133610
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	52.4	78.6
127	8.4	6.6	10.0

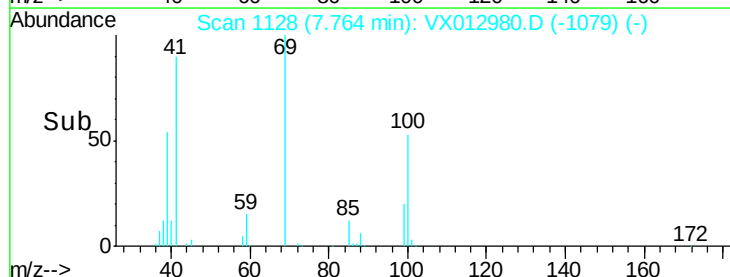
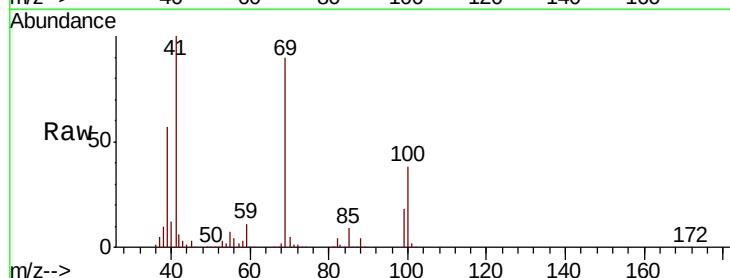
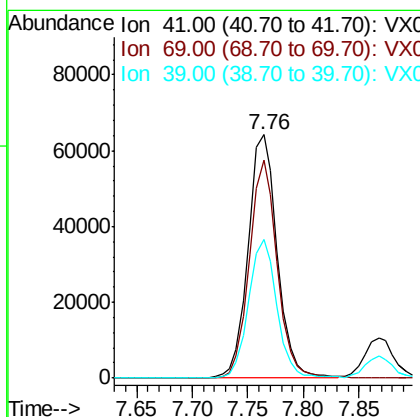
Manual Integrations
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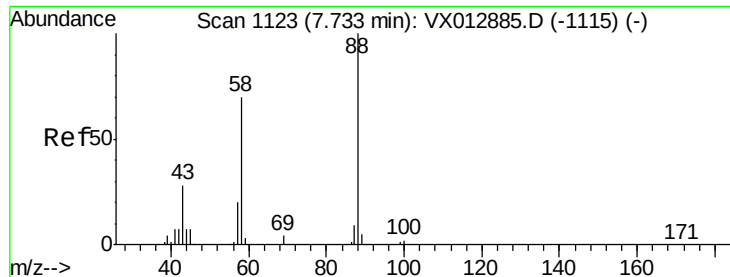
MMDadoda
10/10/2019 9:05:02 AM



#48
Methyl methacrylate
Concen: 53.846 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	41	Resp	116594
Ion Ratio	100	Lower	Upper
41	100		
69	86.4	68.7	103.1
39	55.8	44.3	66.5





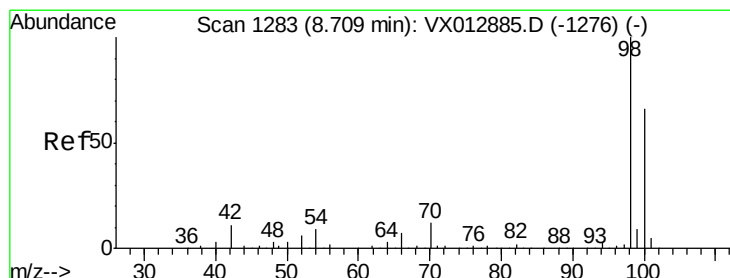
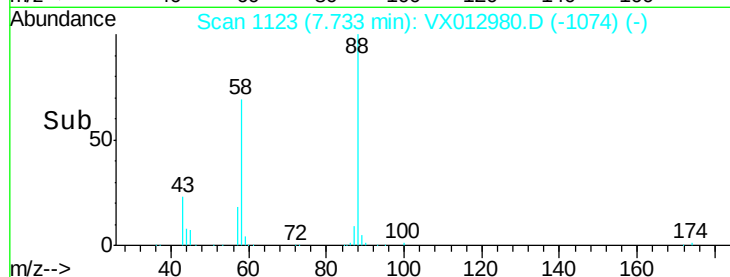
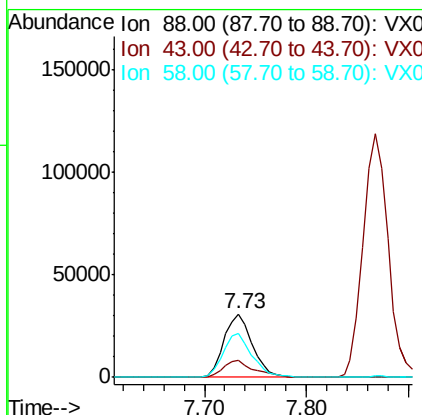
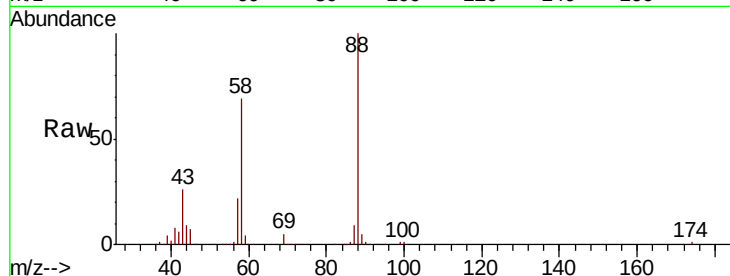
#49
1,4-Dioxane
Concen: 1025.949 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	25.0	37.6
58	70.7	55.4	83.2

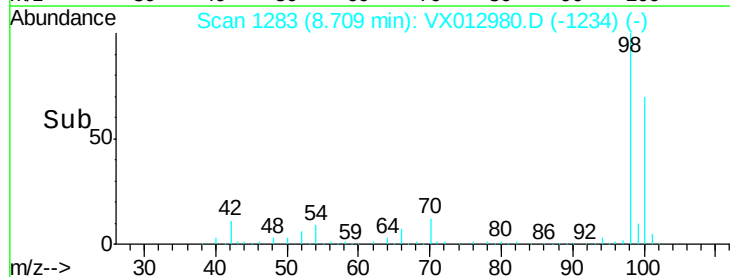
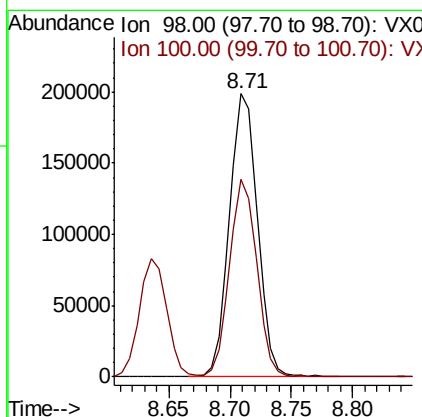
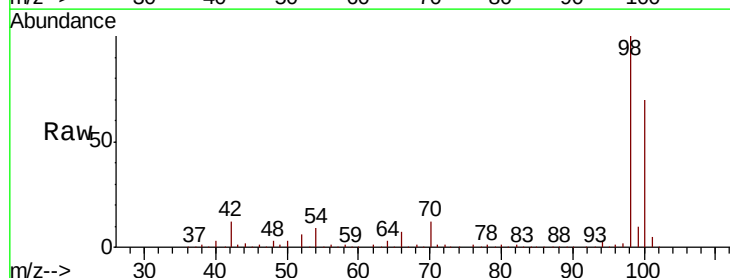
Manual Integrations
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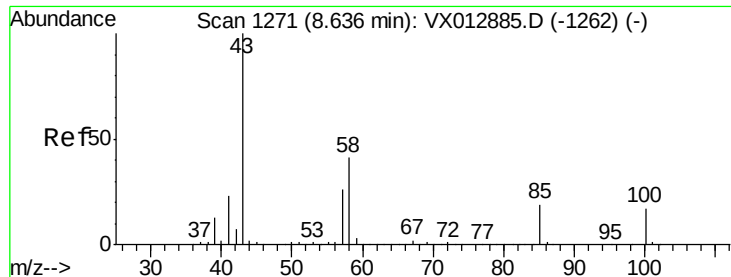
MMDadoda
10/10/2019 9:05:02 AM



#50
Toluene-d8
Concen: 50.048 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.2	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 273.221 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 756917

Ion Ratio Lower Upper

43 100

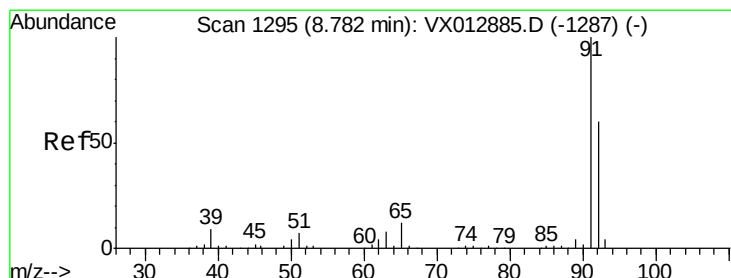
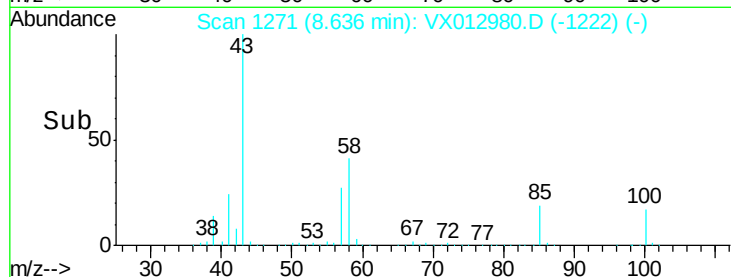
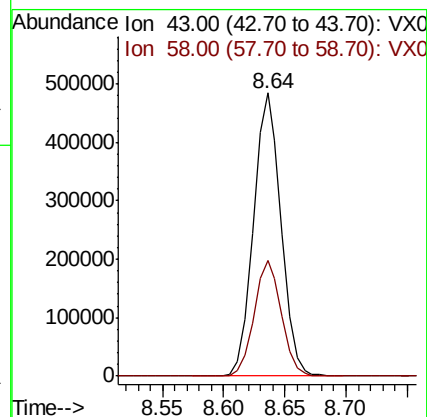
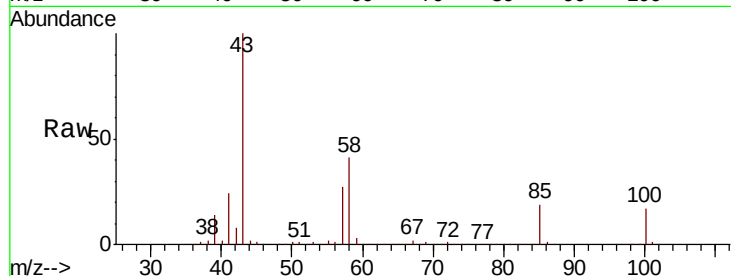
58 40.3 32.4 48.6

Manual Integrations

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MMDadoda

10/10/2019 9:05:02 AM



#52

Toluene

Concen: 52.723 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012980.D

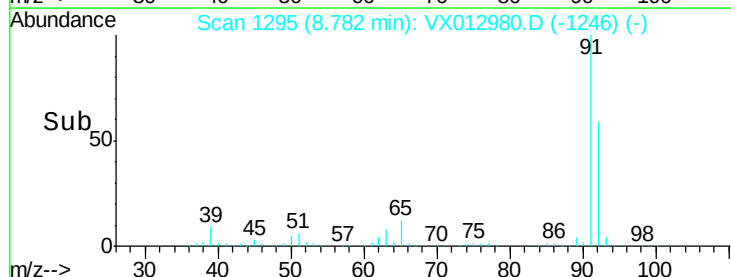
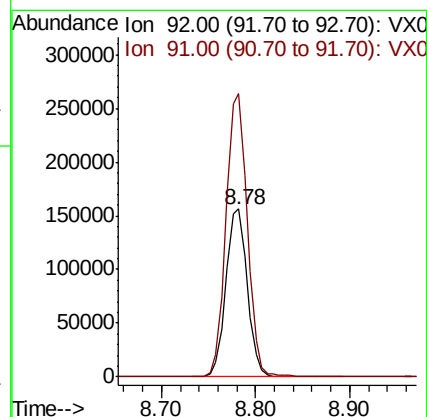
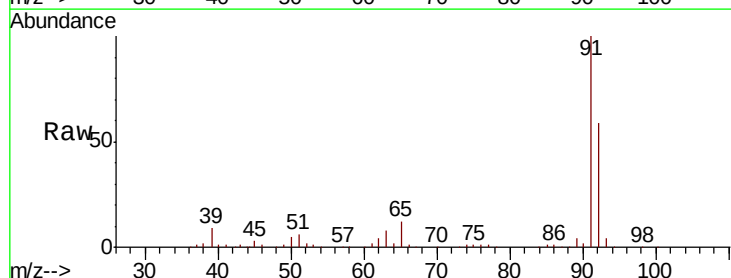
Acq: 10 Oct 2019 06:52

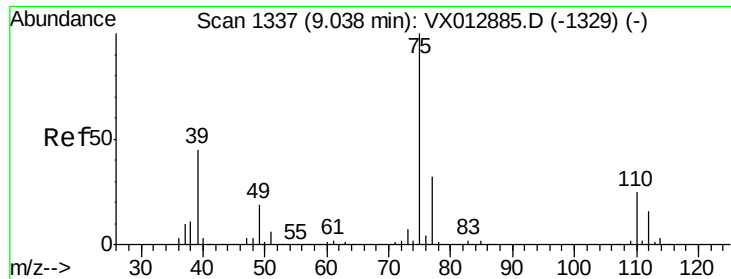
Tgt Ion: 92 Resp: 246644

Ion Ratio Lower Upper

92 100

91 167.7 135.9 203.9





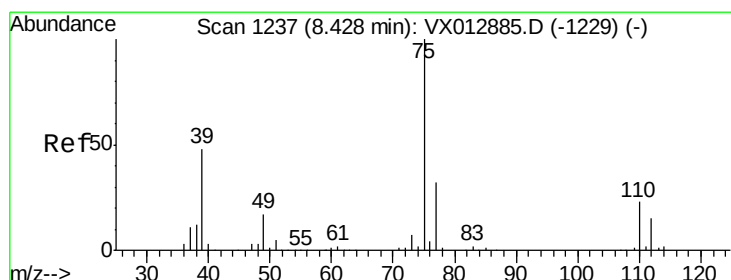
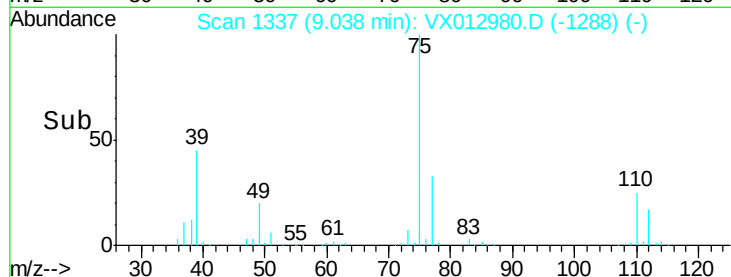
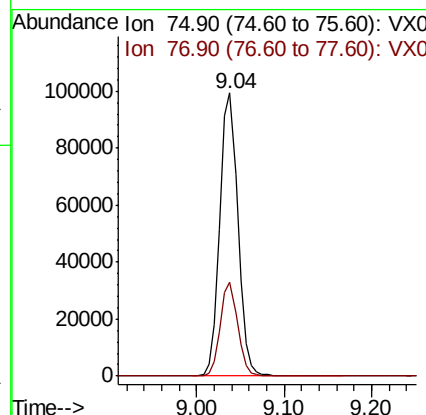
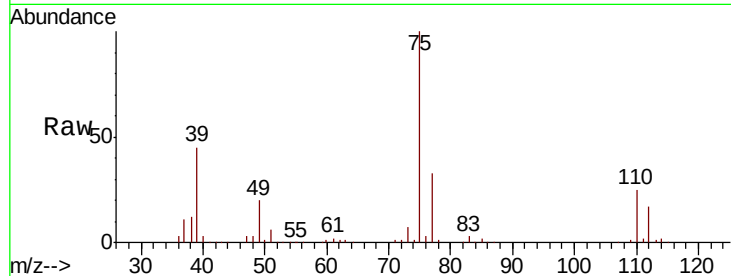
#53
t-1,3-Dichloropropene
Concen: 47.161 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 142226
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.6

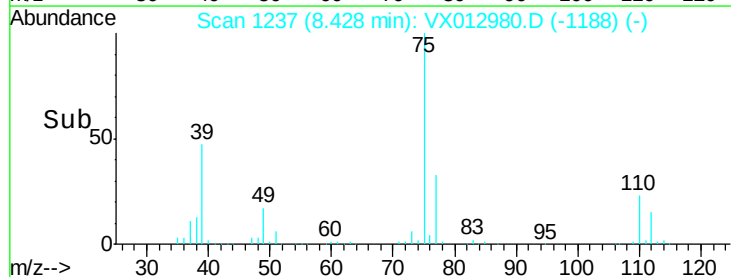
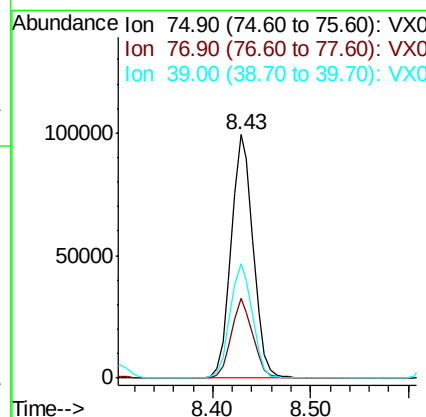
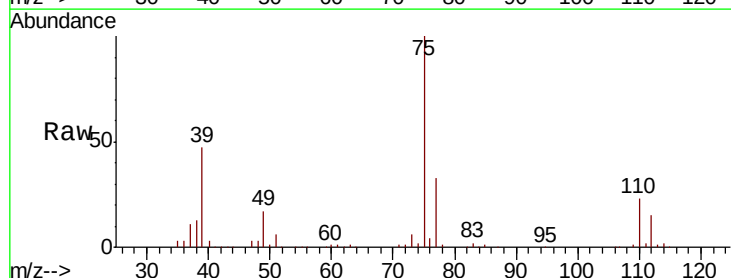
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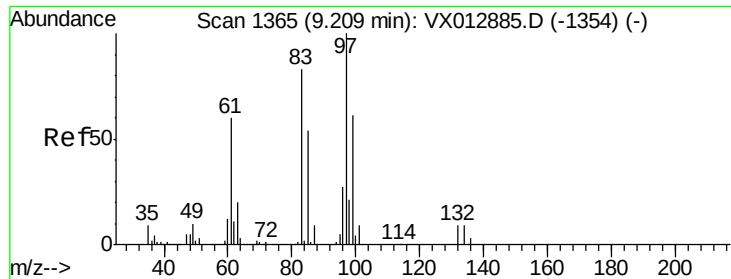
MMDadoda
10/10/2019 9:05:02 AM



#54
cis-1,3-Dichloropropene
Concen: 51.935 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion: 75 Resp: 154781
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8
39 47.0 38.2 57.2





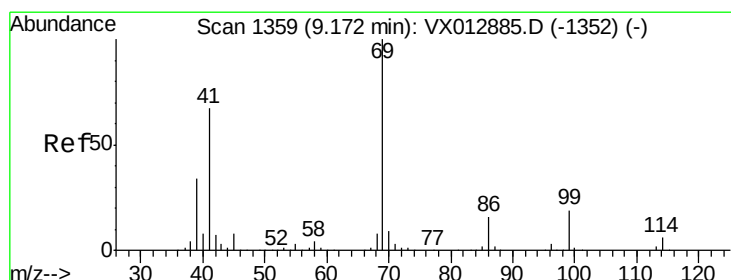
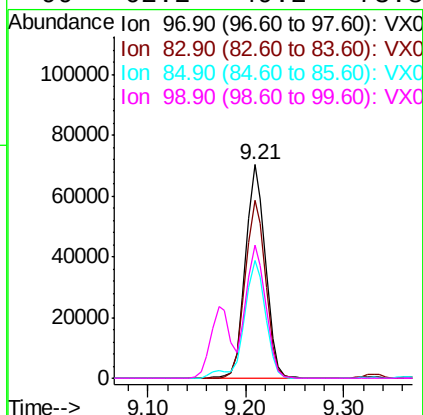
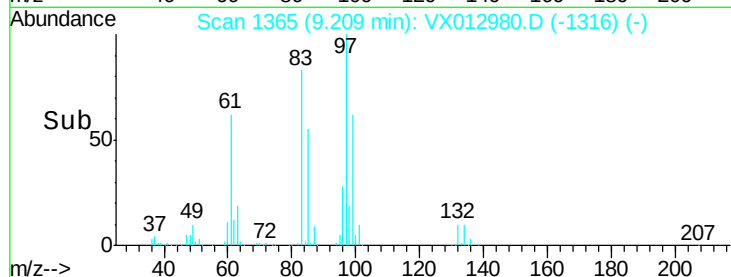
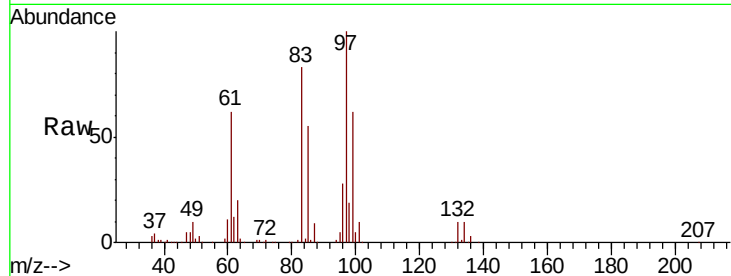
#55
 1,1,2-Trichloroethane
 Concen: 54.176 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		100297		
83	83.2	66.5	99.7		
85	55.4	43.1	64.7		
99	62.2	49.2	73.8		

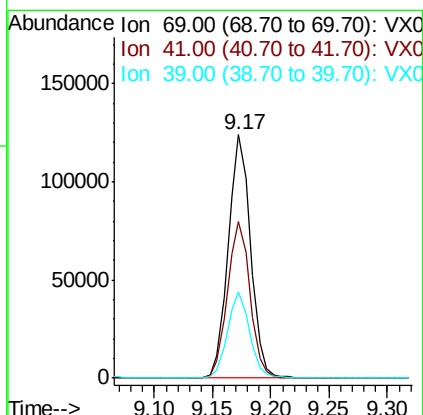
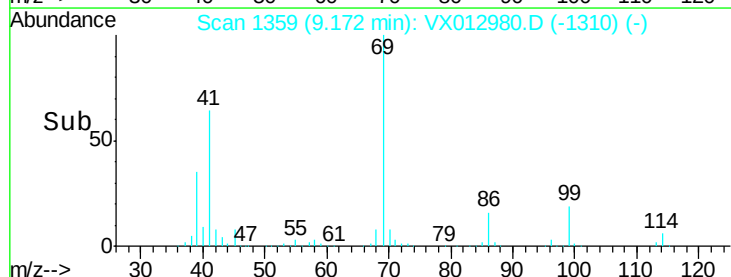
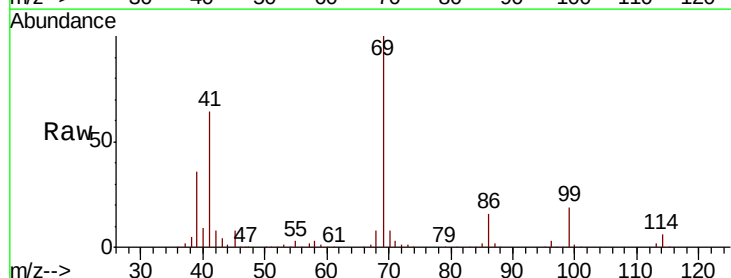
Manual Integrations
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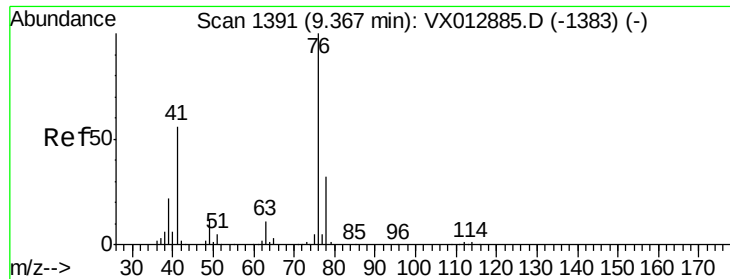
MMDadoda
 10/10/2019 9:05:02 AM



#56
 Ethyl methacrylate
 Concen: 50.052 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		165935		
41	65.4	52.1	78.1		
39	35.1	27.8	41.8		





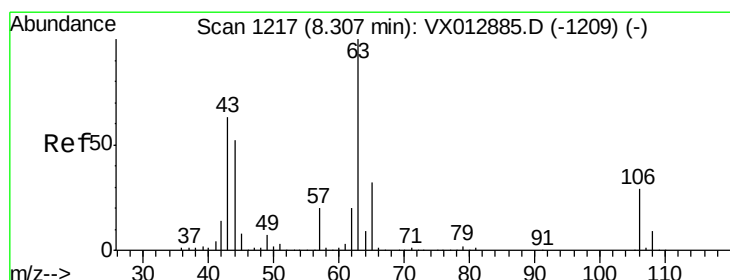
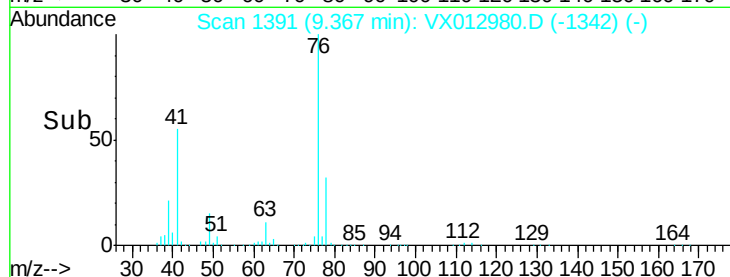
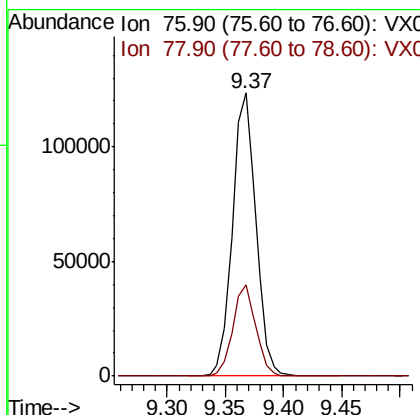
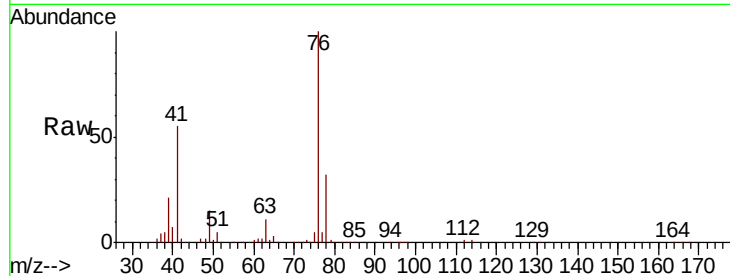
#57
 1,3-Dichloropropane
 Concen: 54.164 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 173456
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.1 39.1

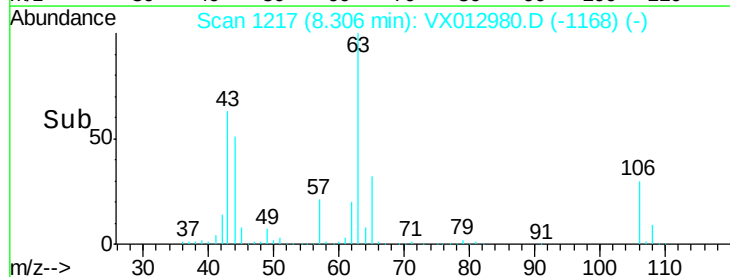
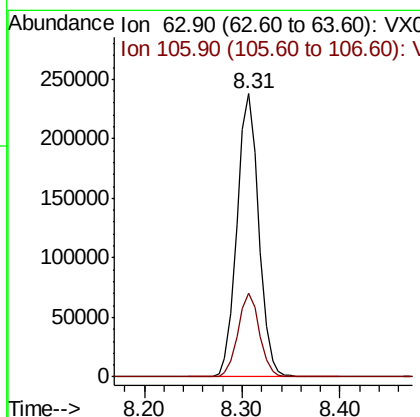
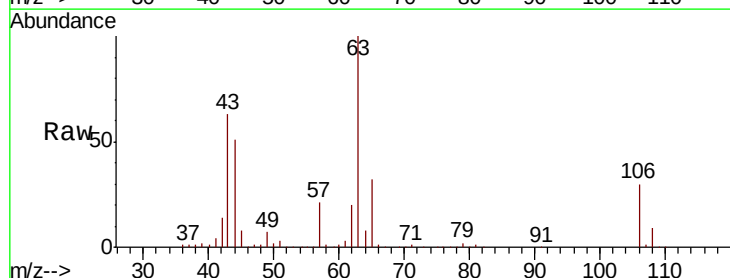
Manual Integrations
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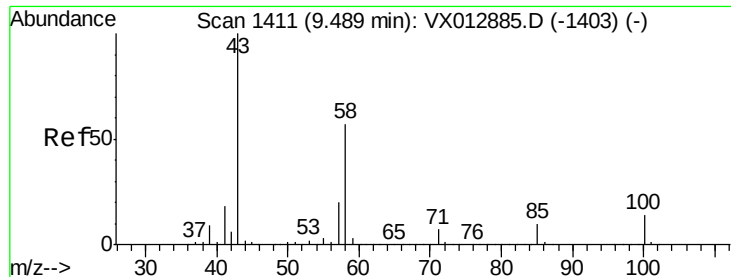
MMDadoda
 10/10/2019 9:05:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.479 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion: 63 Resp: 367857
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.8 35.8





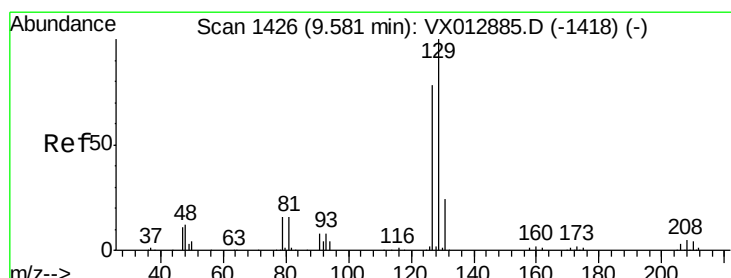
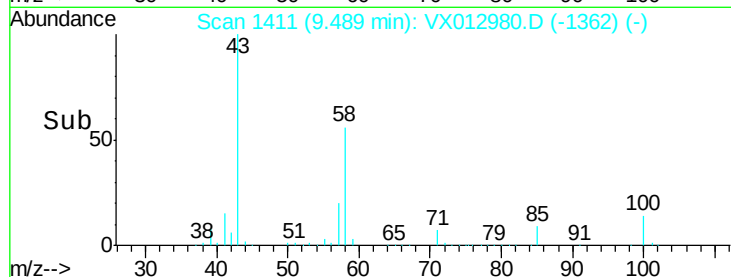
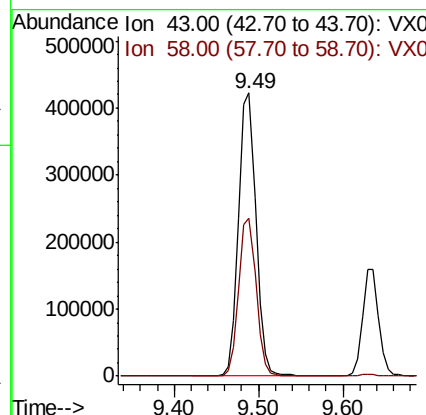
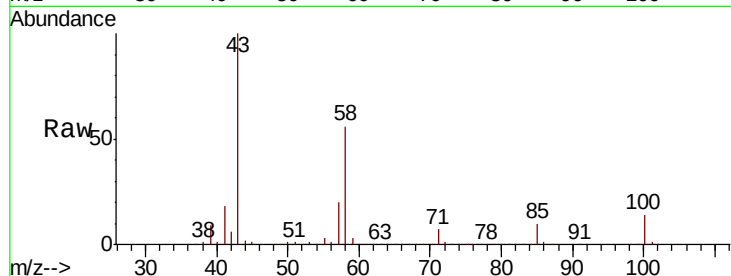
#59
2-Hexanone
Concen: 270.958 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.9	28.1	84.3

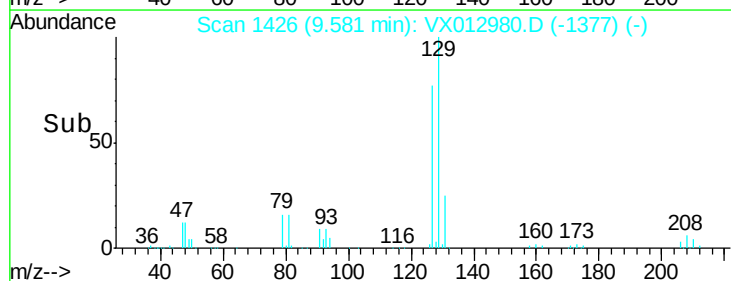
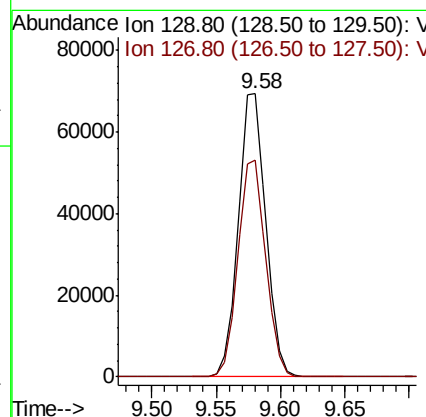
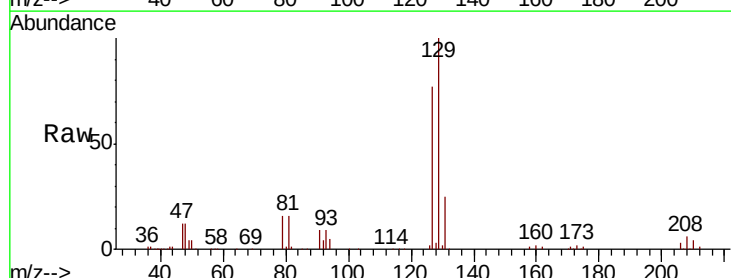
Manual Integrations
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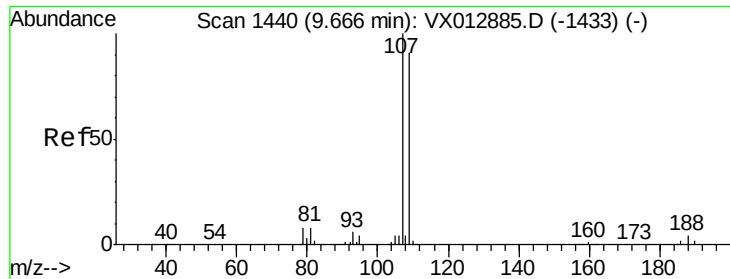
MMDadoda
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#60
Dibromochloromethane
Concen: 50.004 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.9	116.7





#61

1,2-Dibromoethane

Concen: 53.794 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 104763

Ion Ratio Lower Upper

107 100

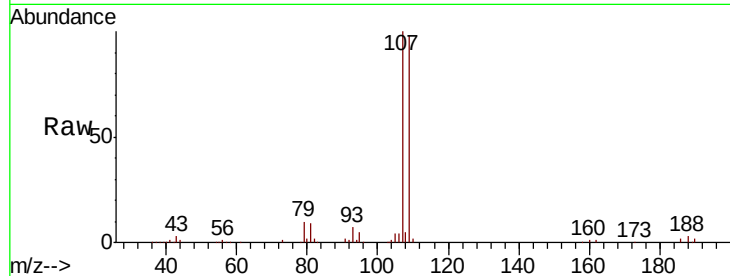
109 94.9 75.8 113.6

Manual Integrations

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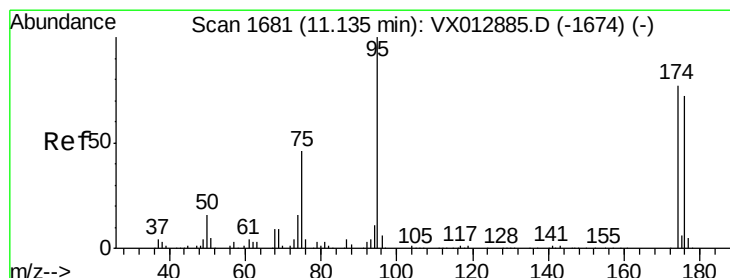
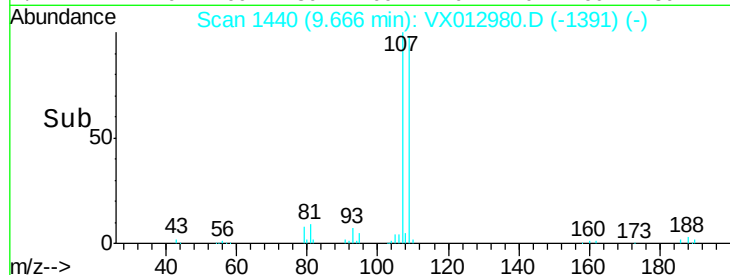
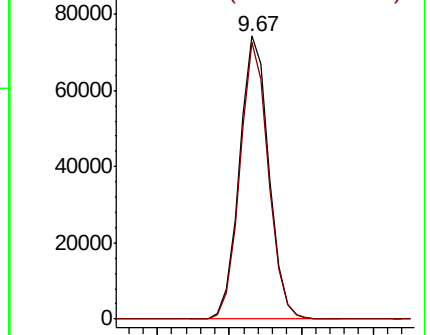
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.913 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

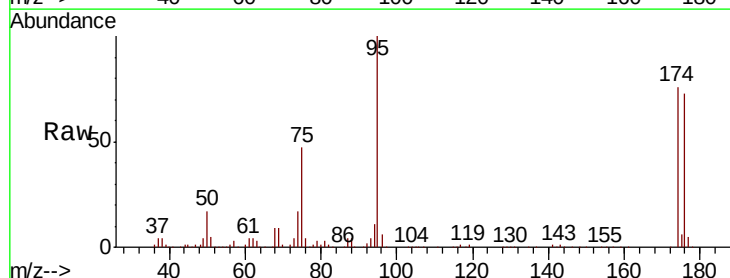
Tgt Ion: 95 Resp: 124702

Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.4

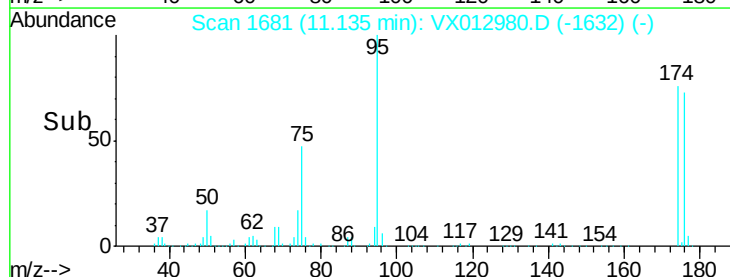
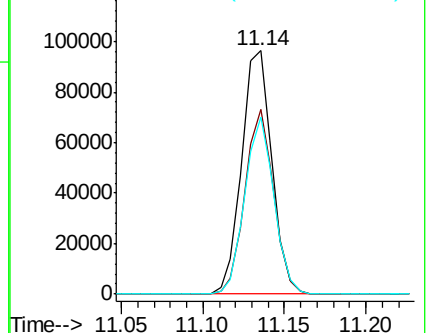
176 70.4 0.0 136.0

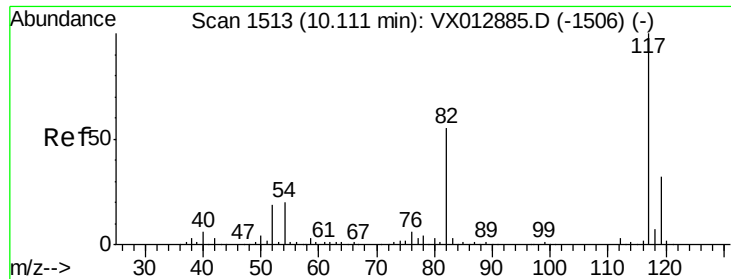


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





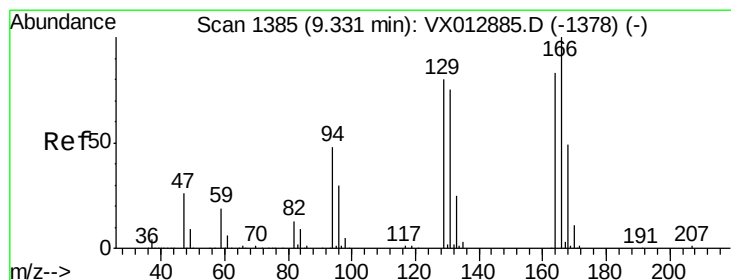
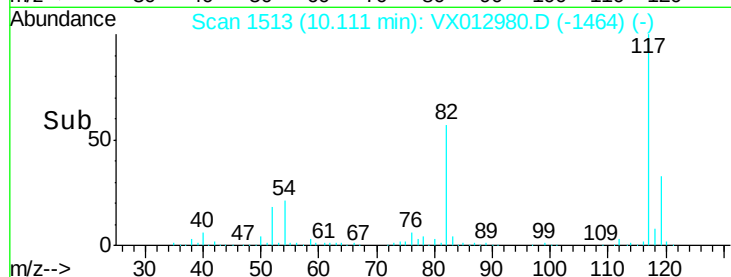
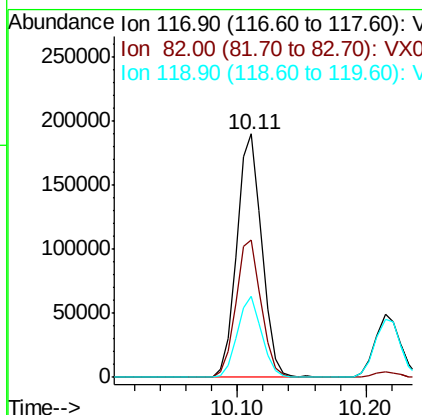
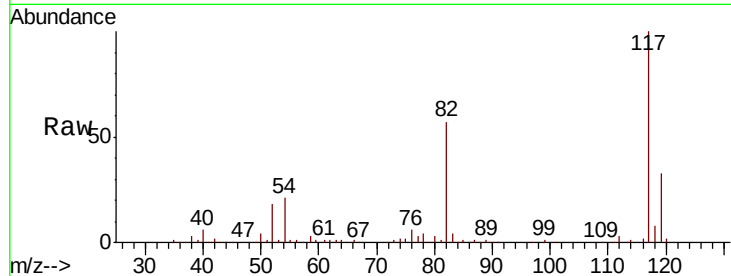
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.1	66.1
119	33.4	25.8	38.8

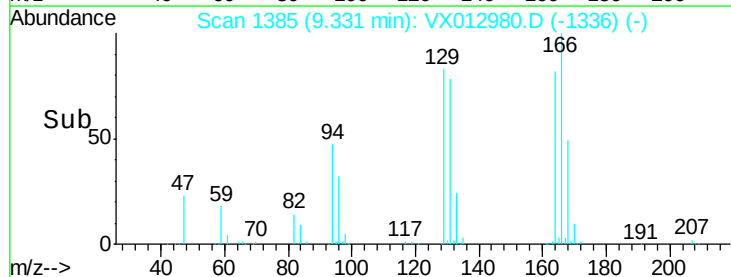
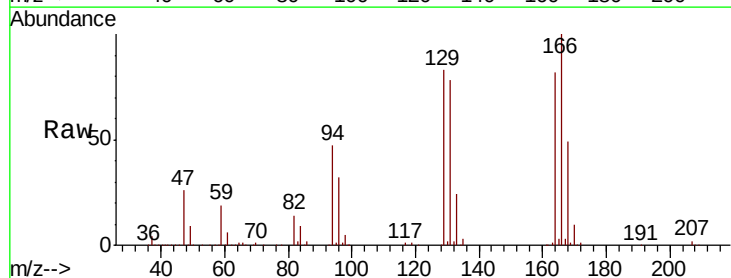
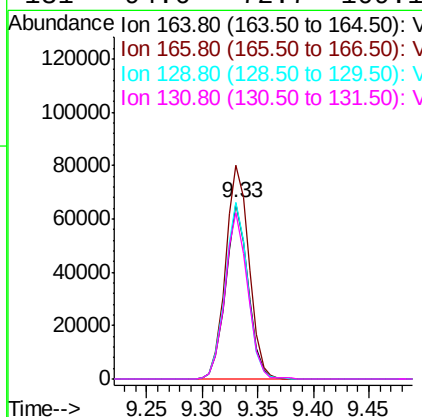
Manual Integrations
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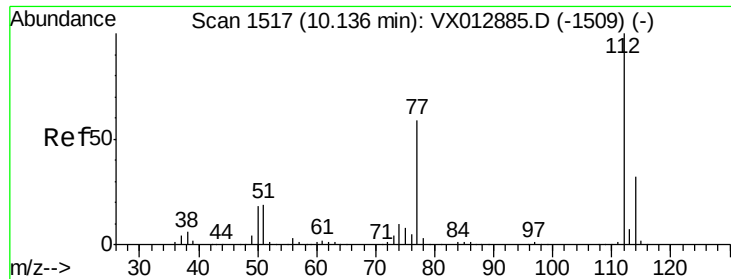
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#64
Tetrachloroethene
Concen: 51.194 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.5	96.9	145.3
129	100.7	77.9	116.9
131	94.6	72.7	109.1





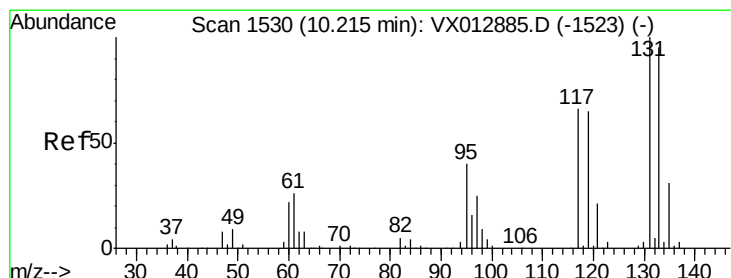
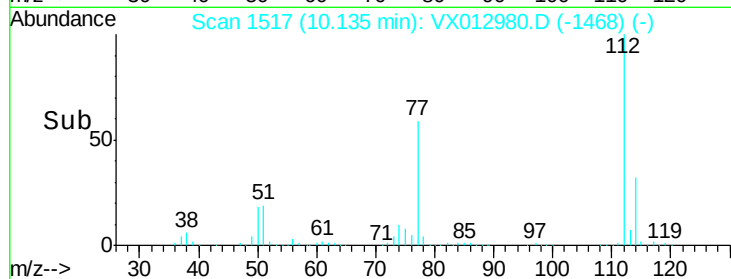
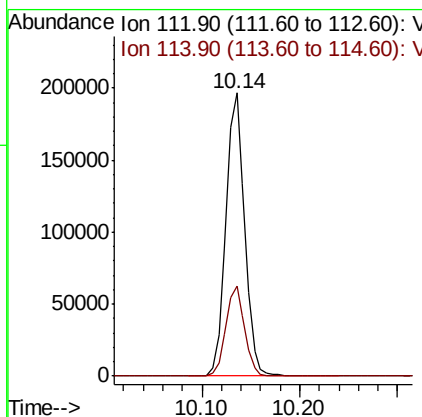
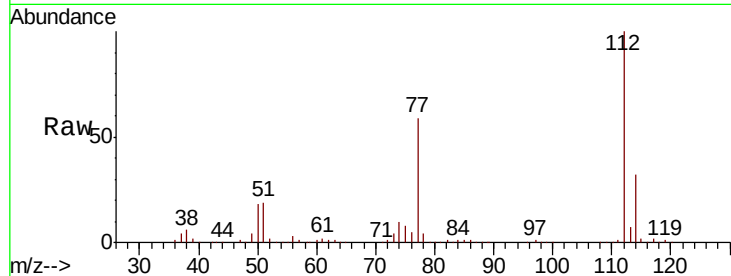
#65
Chlorobenzene
Concen: 51.379 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 261212
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

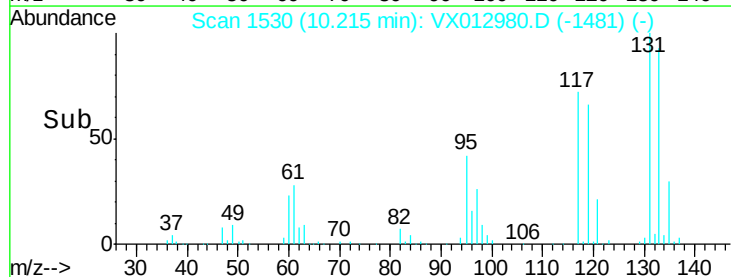
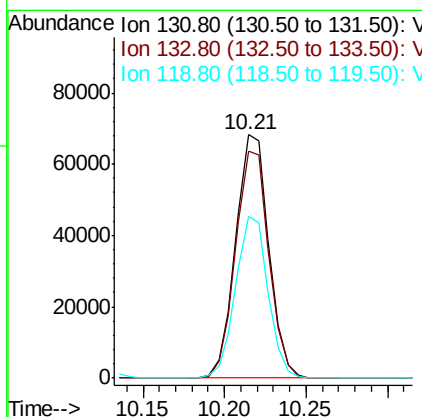
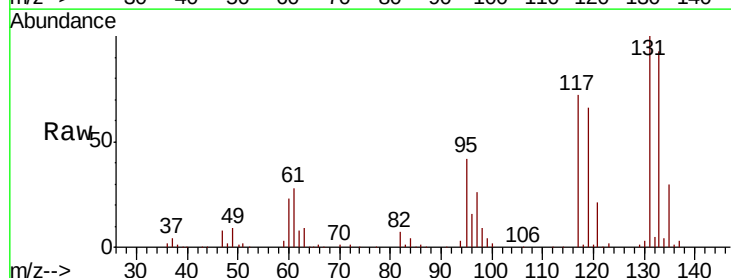
Manual Integrations
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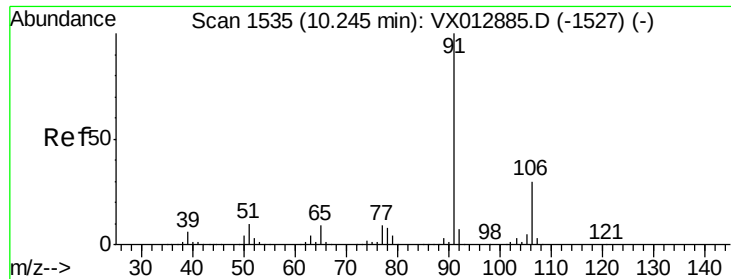
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.977 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion:131 Resp: 96912
Ion Ratio Lower Upper
131 100
133 93.6 47.2 141.6
119 65.0 32.6 98.0





#67

Ethyl Benzene

Concen: 51.867 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 468400

Ion Ratio Lower Upper

91 100

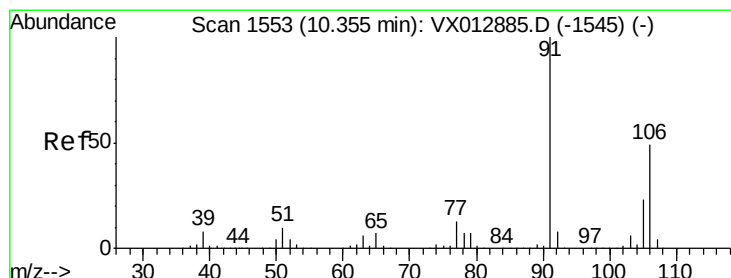
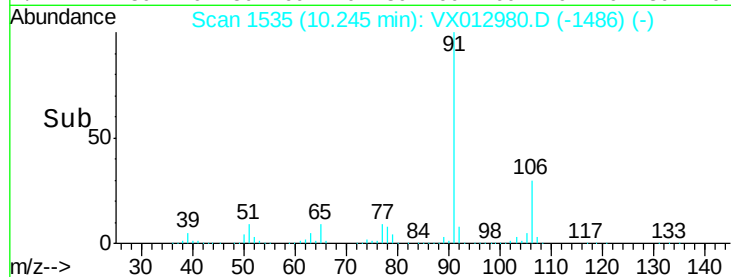
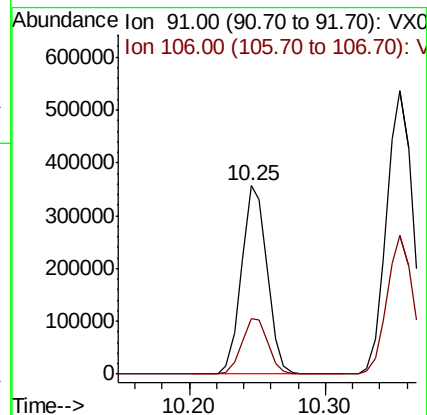
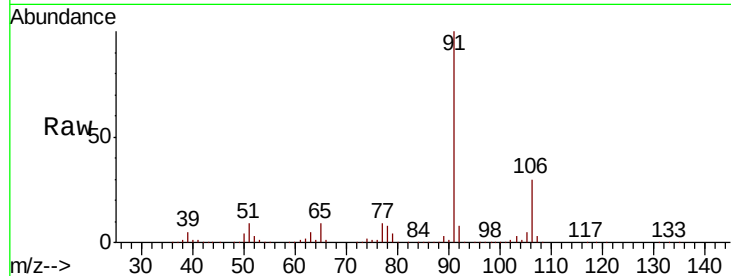
106 29.5 23.9 35.9

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#68

m/p-Xylenes

Concen: 104.292 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012980.D

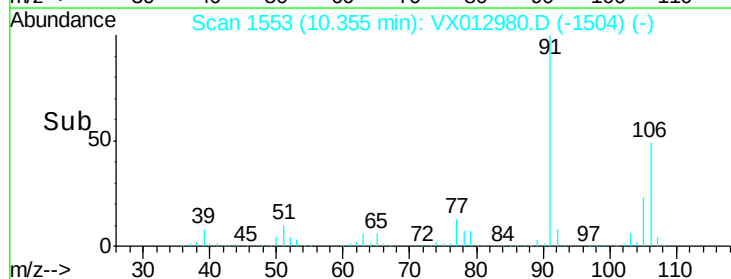
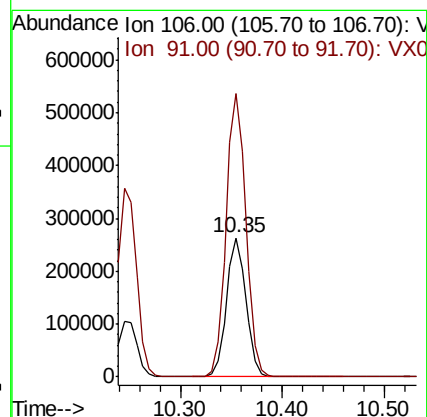
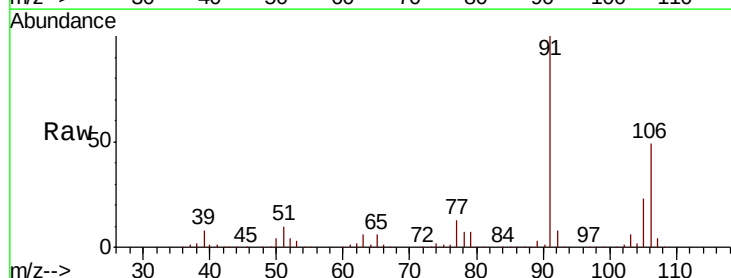
Acq: 10 Oct 2019 06:52

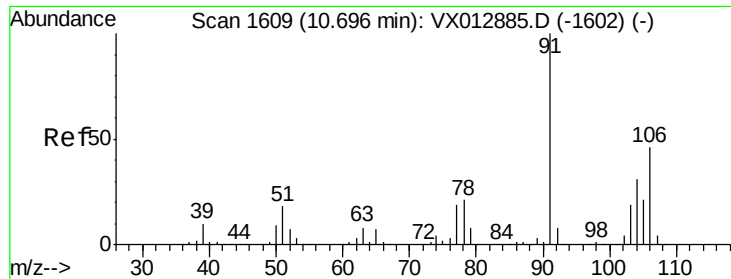
Tgt Ion: 106 Resp: 351852

Ion Ratio Lower Upper

106 100

91 206.3 165.3 247.9





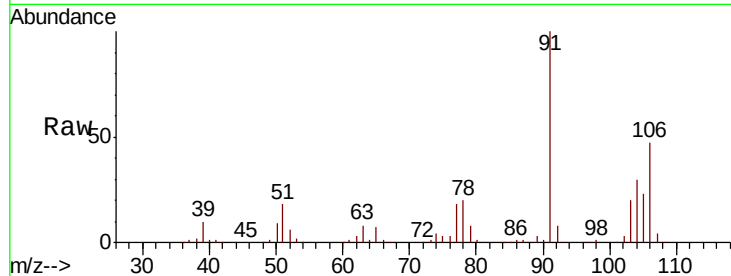
#69
o-Xylene
Concen: 52.781 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

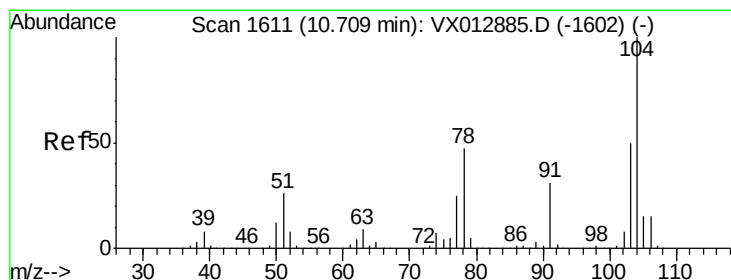
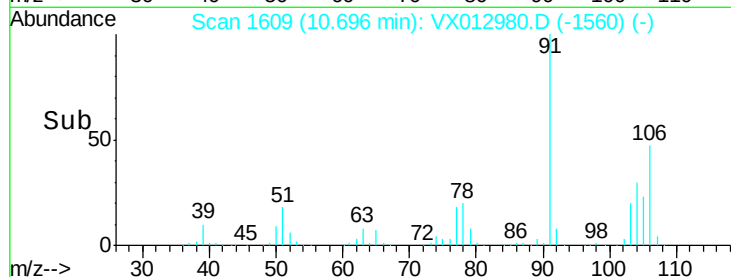
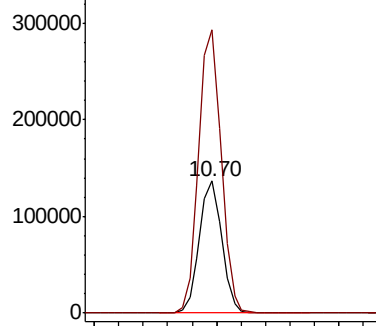
Tot Ion:106 Resp: 173650
Ion Ratio Lower Upper
106 100
91 215.7 109.1 327.3

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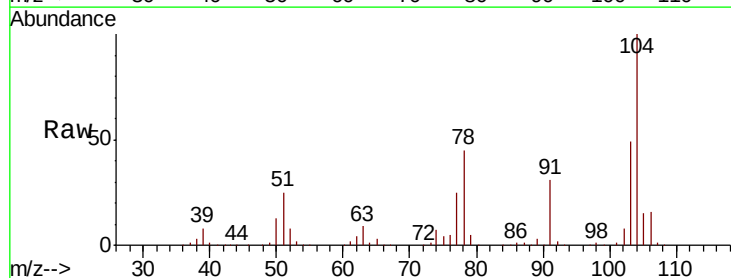


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

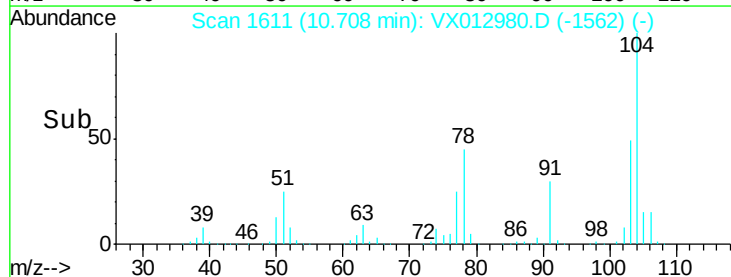
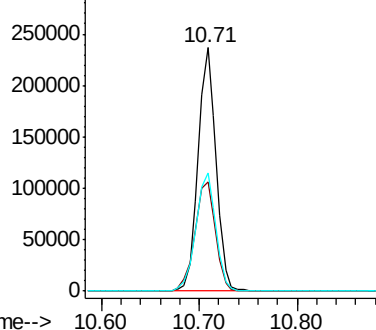


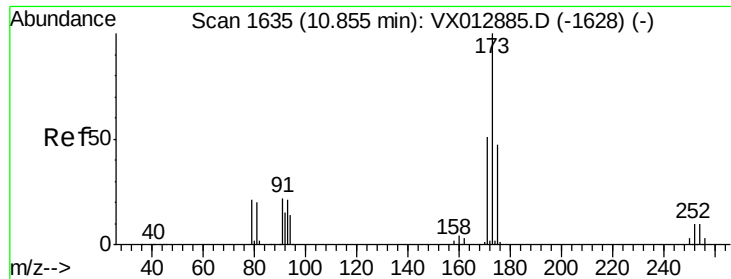
#70
Styrene
Concen: 53.666 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion:104 Resp: 300154
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 53.9 43.0 64.4



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





#71

Bromoform

Concen: 47.513 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 71100

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.3

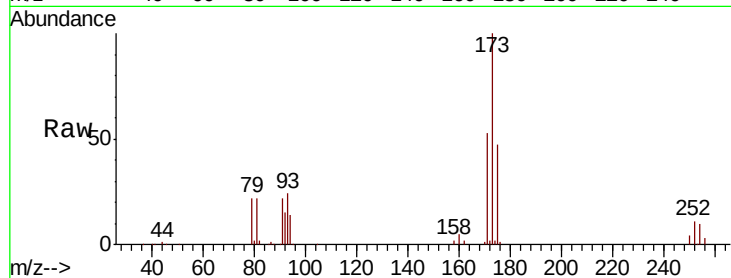
254 0.1 0.1 0.1#

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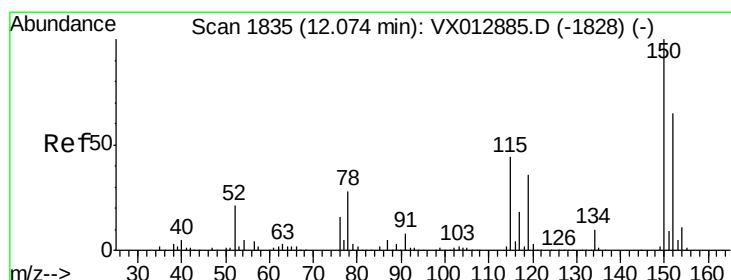
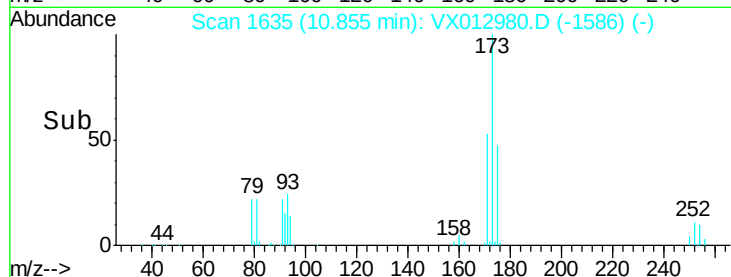
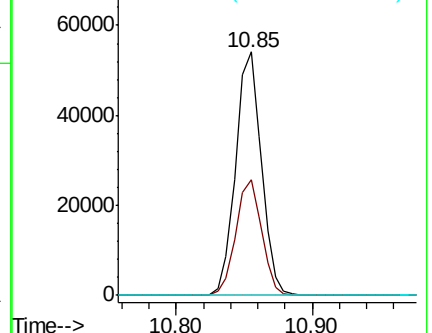
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX012980.D

Acq: 10 Oct 2019 06:52

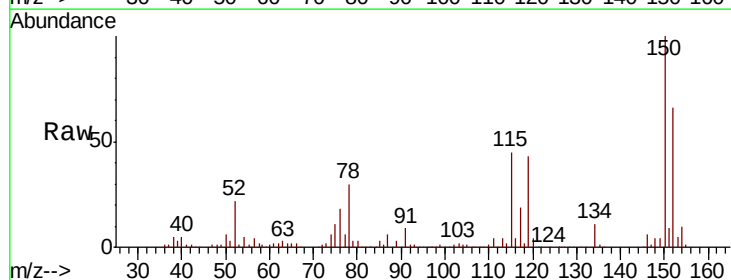
Tgt Ion:152 Resp: 120458

Ion Ratio Lower Upper

152 100

115 86.5 44.5 133.5

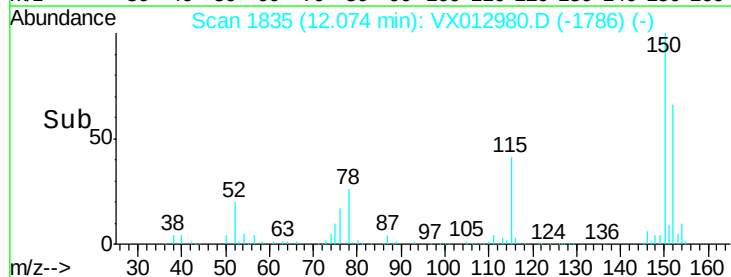
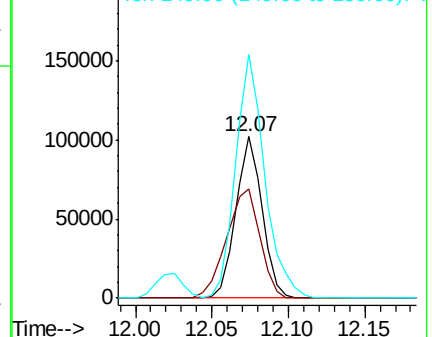
150 169.3 0.0 353.4

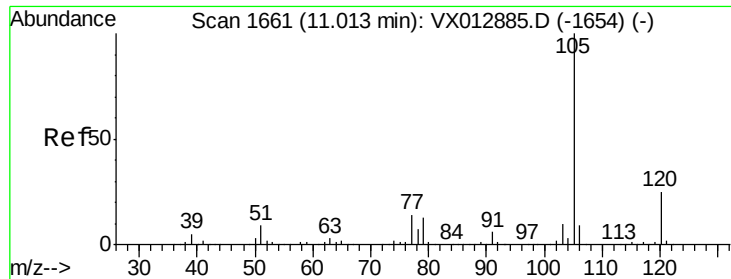


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.345 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 454730

Ion Ratio Lower Upper

105 100

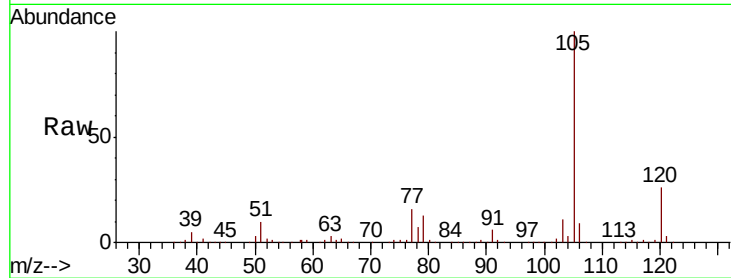
120 26.0 13.0 39.0

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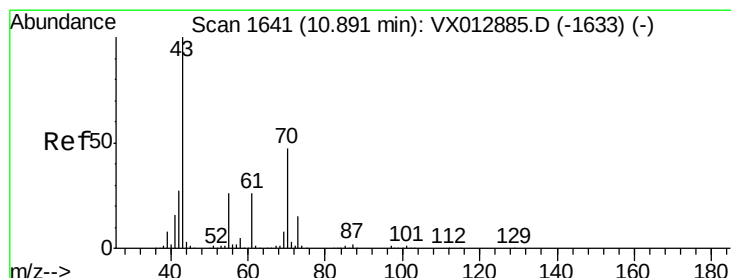
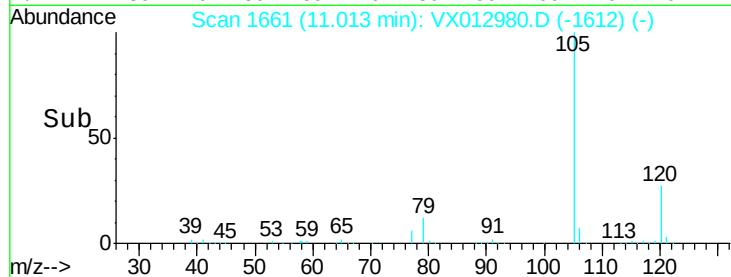
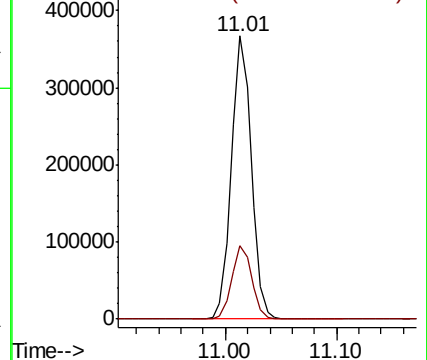
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.100 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Tgt Ion: 43 Resp: 210163

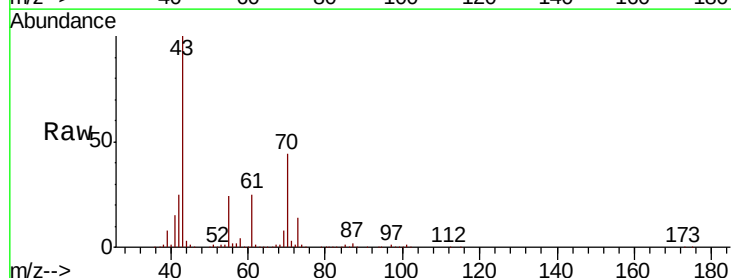
Ion Ratio Lower Upper

43 100

70 44.5 36.4 54.6

55 24.3 20.2 30.2

61 25.4 20.5 30.7

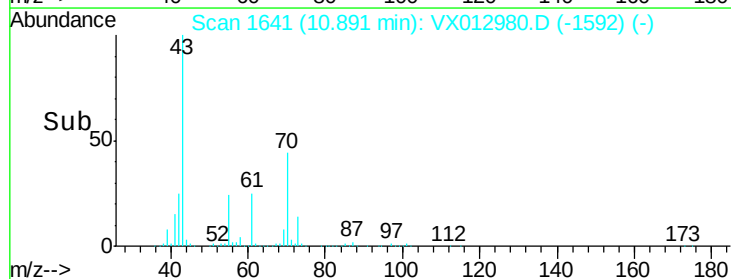
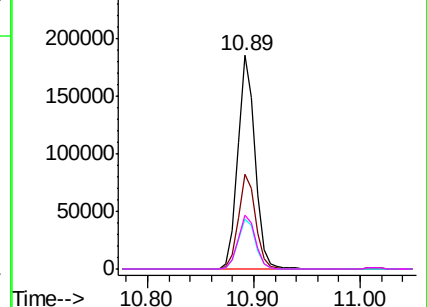


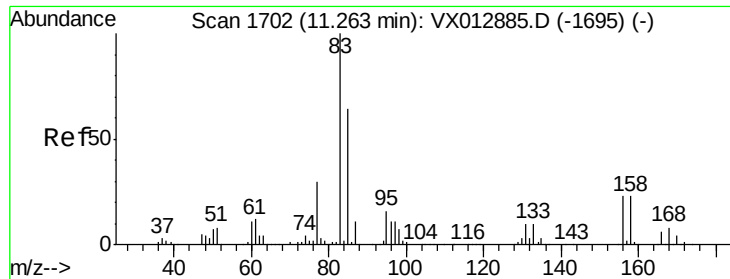
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.797 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 155518

Ion Ratio Lower Upper

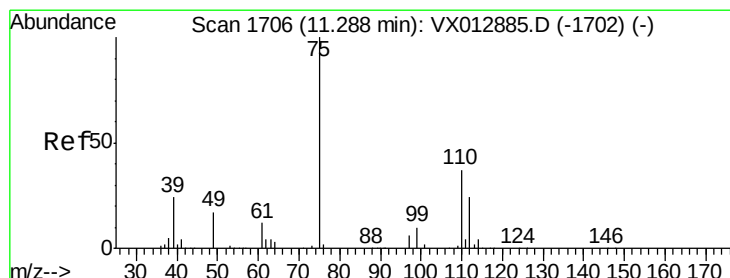
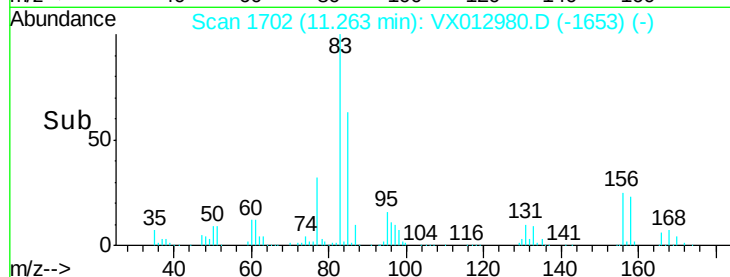
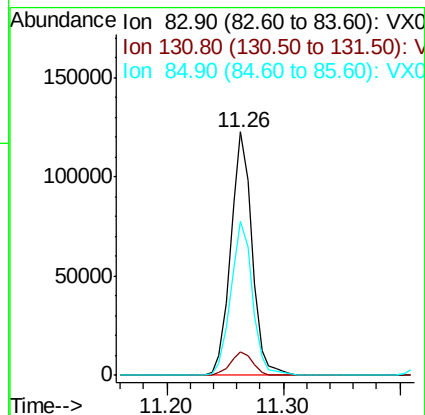
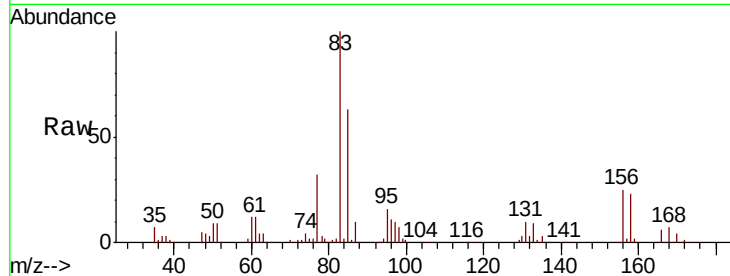
83 100

131 10.1 5.1 15.3

85 64.5 32.1 96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.114 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012980.D

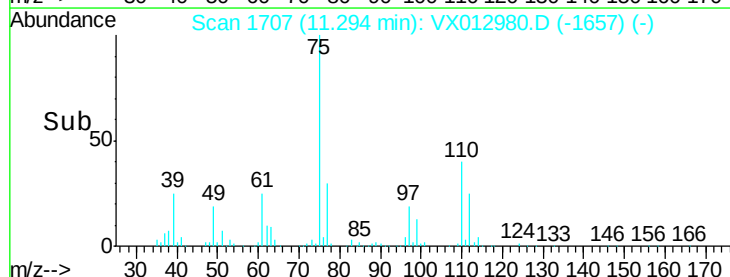
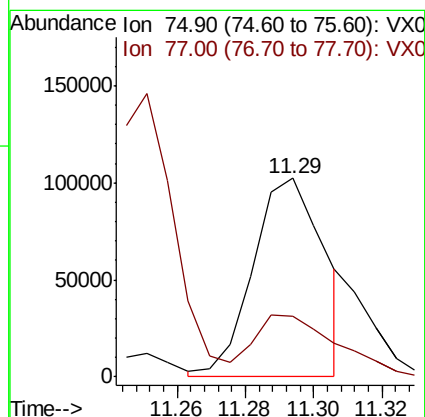
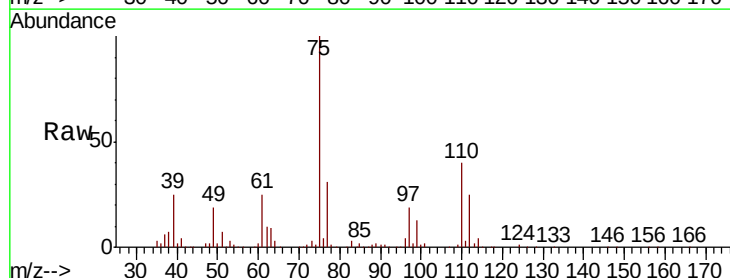
Acq: 10 Oct 2019 06:52

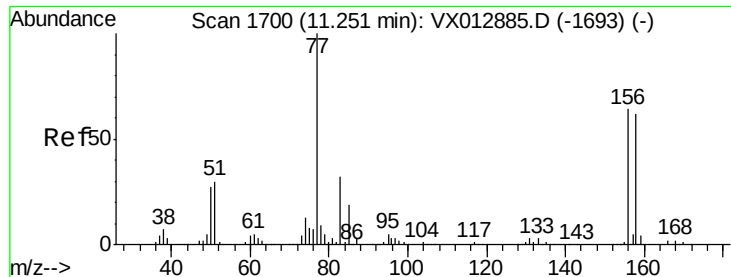
Tgt Ion: 75 Resp: 147251

Ion Ratio Lower Upper

75 100

77 36.6 22.9 68.8





#77

Bromobenzene

Concen: 51.065 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

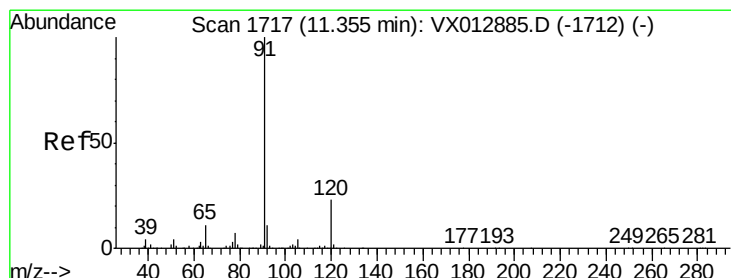
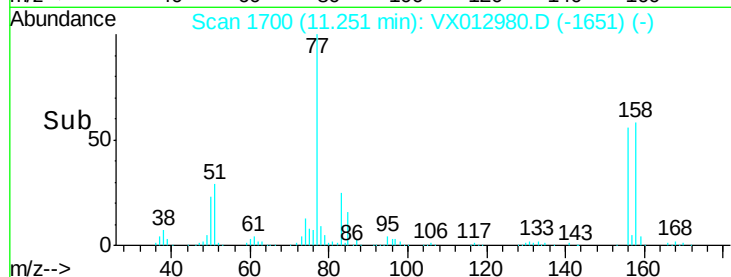
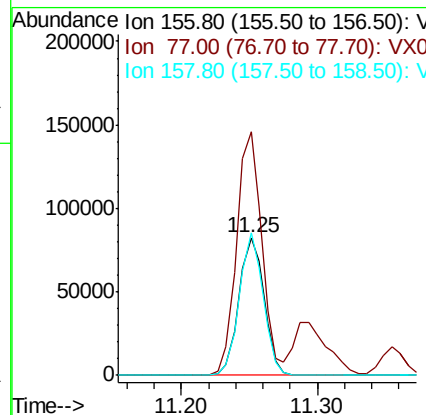
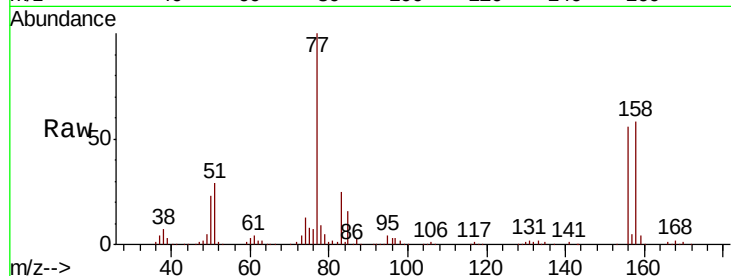
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	177.0	83.7	251.0
158	97.6	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 50.006 ug/l

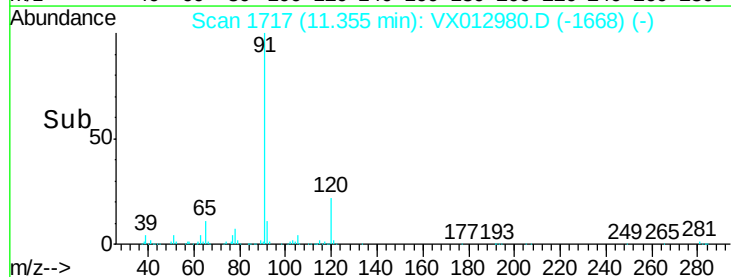
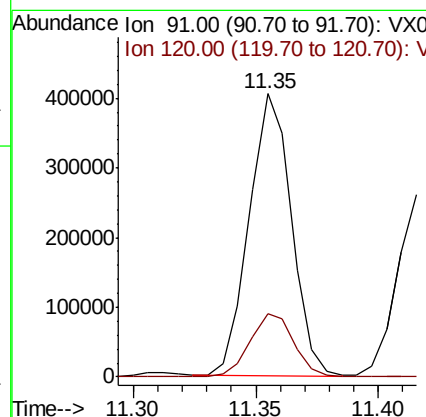
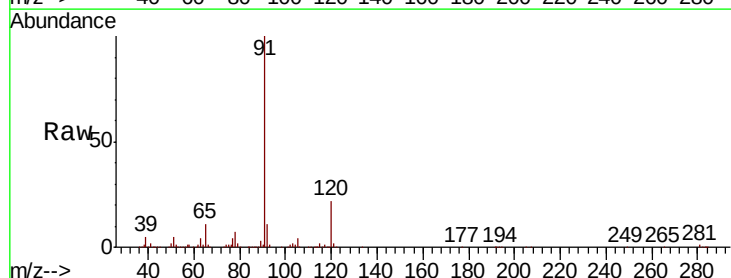
RT: 11.35 min Scan# 1717

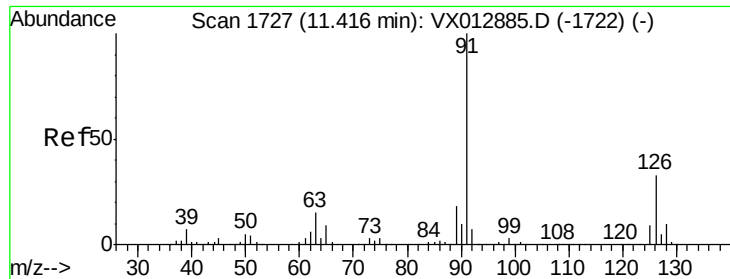
Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.1





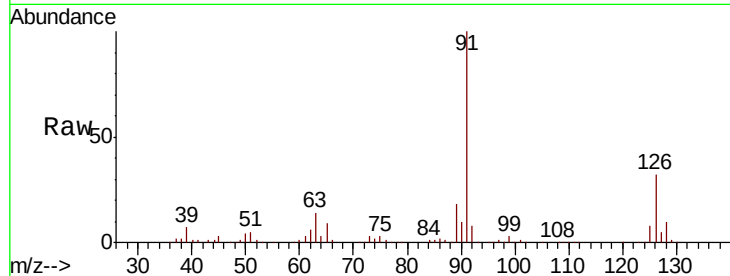
#79
2-Chlorotoluene
Concen: 51.921 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

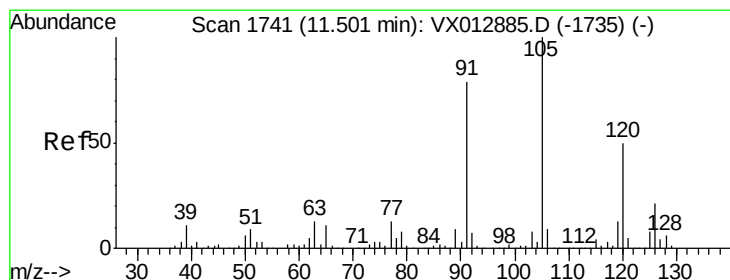
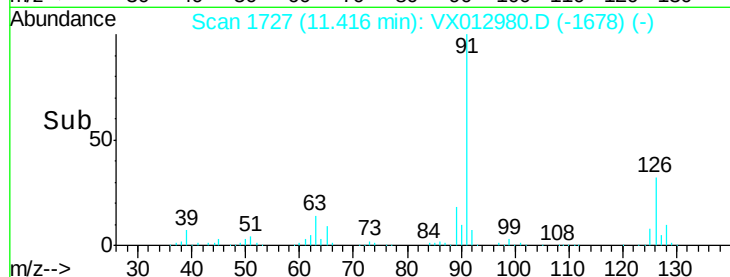
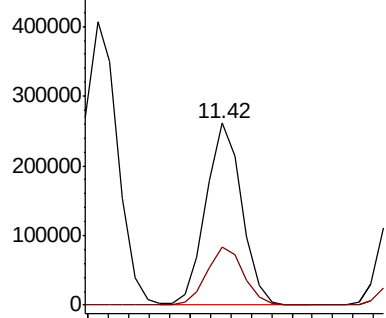
Tot Ion: 91 Resp: 317993
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

Manual Integrations
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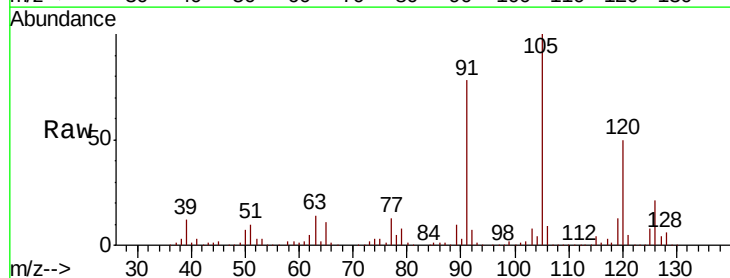


Abundance Ion 91.00 (90.70 to 91.70): VX012980.D (-1678) (-)
Ion 125.90 (125.60 to 126.60): VX012980.D (-1678) (-)

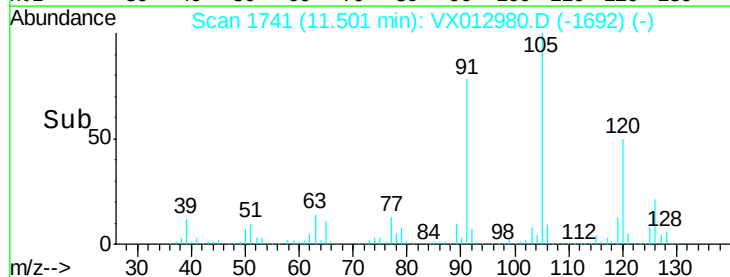
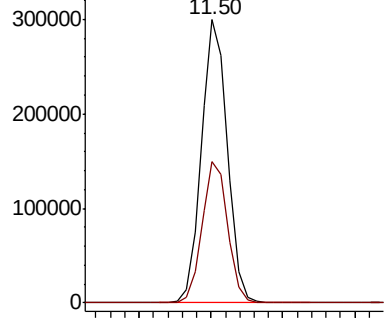


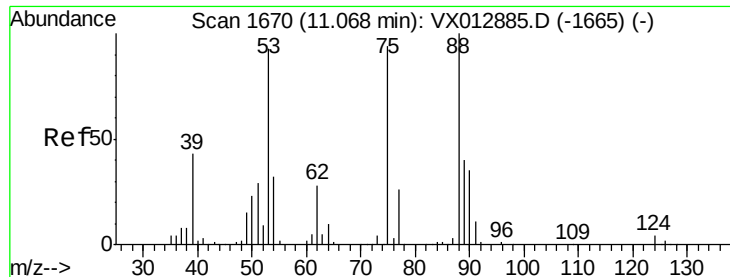
#80
1,3,5-Trimethylbenzene
Concen: 51.004 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion: 105 Resp: 377175
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VX012980.D (-1692) (-)
Ion 120.00 (119.70 to 120.70): VX012980.D (-1692) (-)





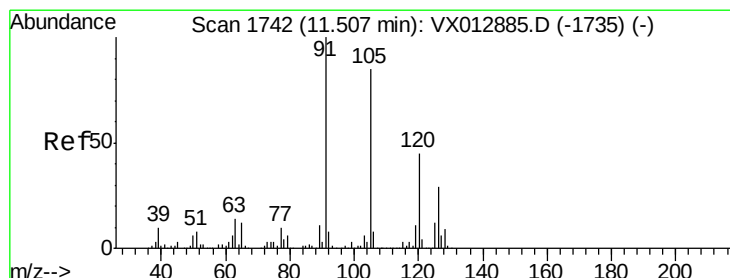
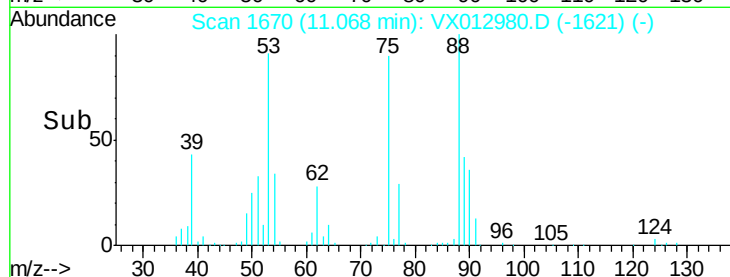
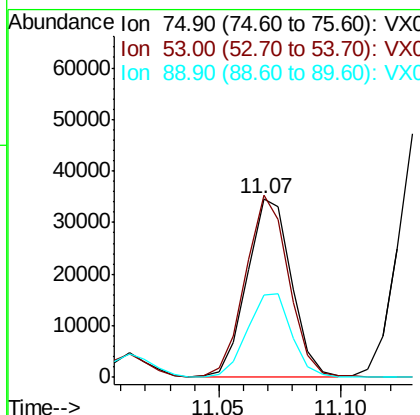
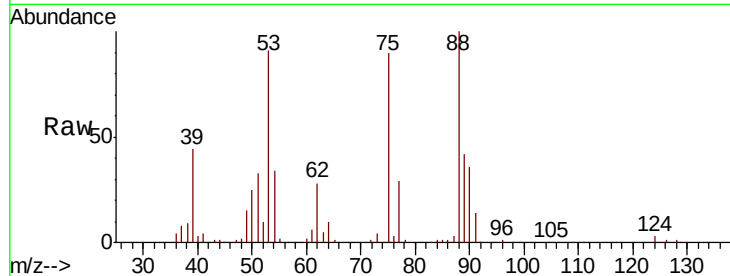
#81
trans-1,4-Dichloro-2-butene
Concen: 42.470 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.9	78.5	117.7
89	47.3	37.4	56.2

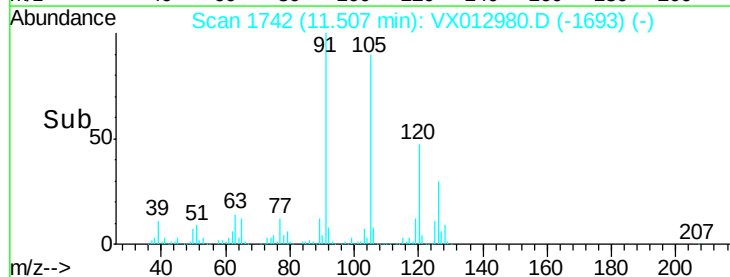
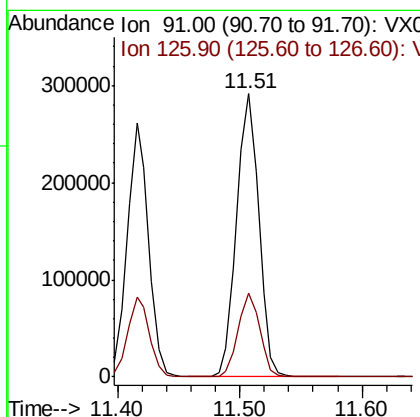
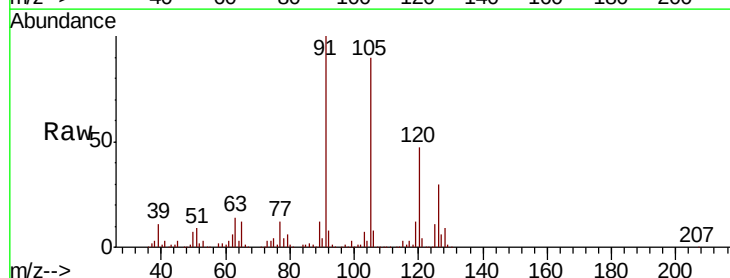
Manual Integrations
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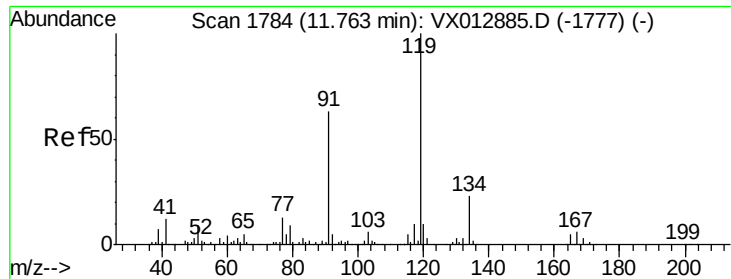
MMDadoda
10/10/2019 9:05:02 AM



#82
4-Chlorotoluene
Concen: 52.004 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.2	42.6





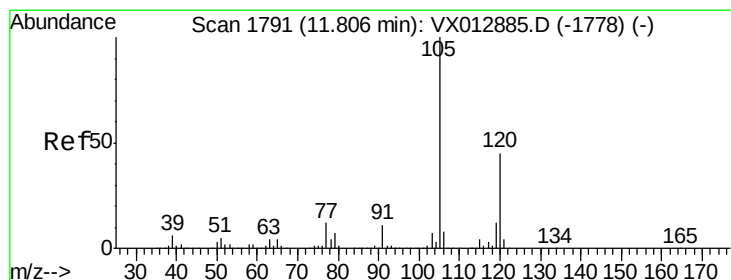
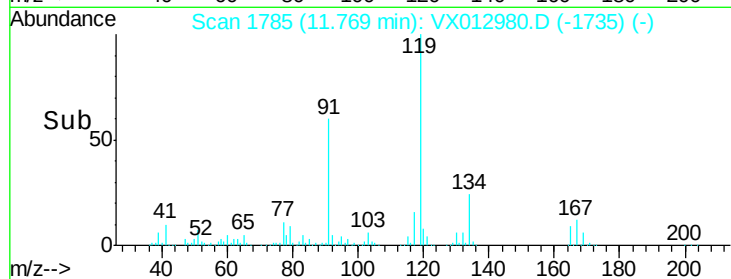
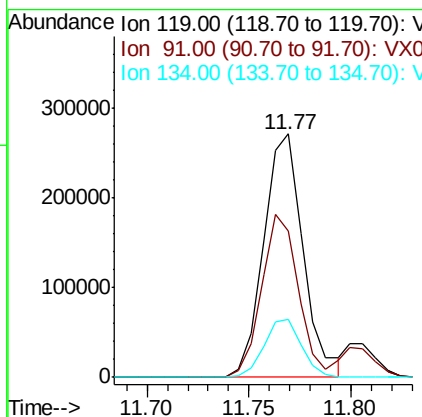
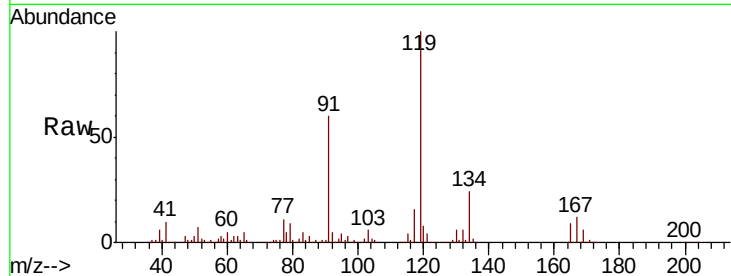
#83
tert-Butylbenzene
Concen: 50.840 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.8	29.3	87.9
134	22.7	11.5	34.4

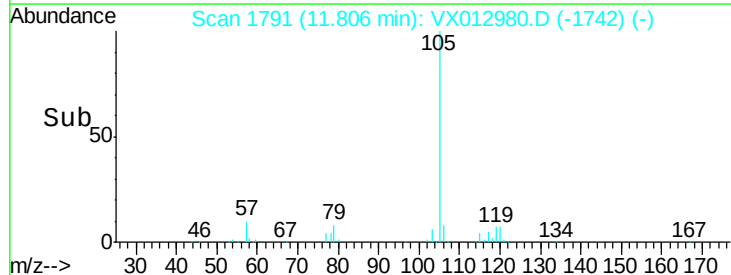
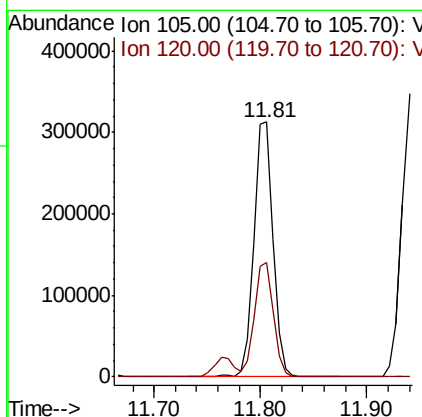
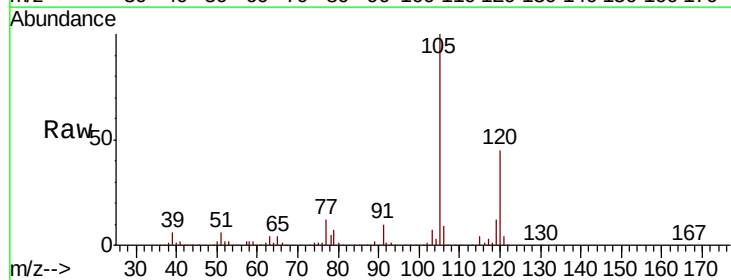
Manual Integrations
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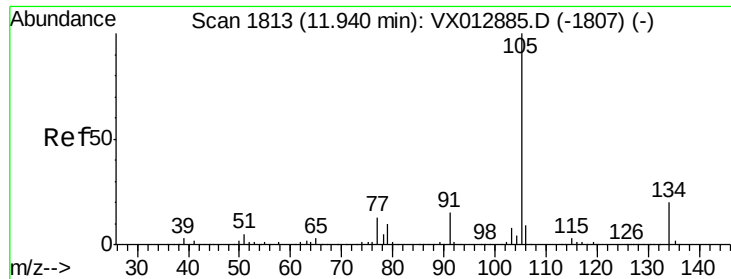
MMDadoda
10/10/2019 9:05:02 AM



#84
1,2,4-Trimethylbenzene
Concen: 52.766 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.8	65.3





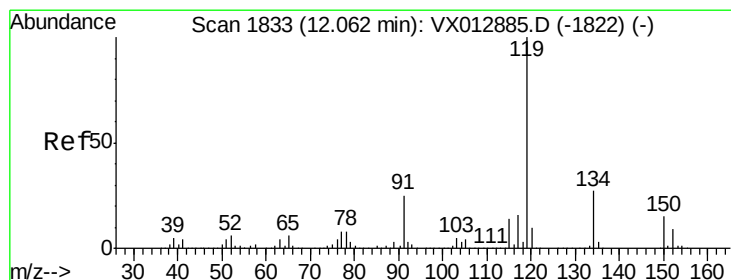
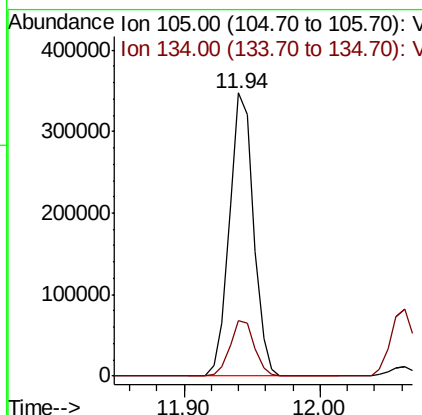
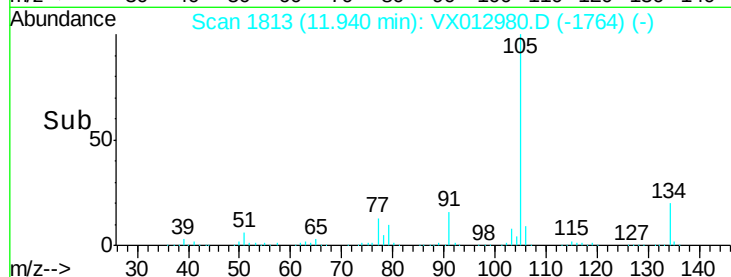
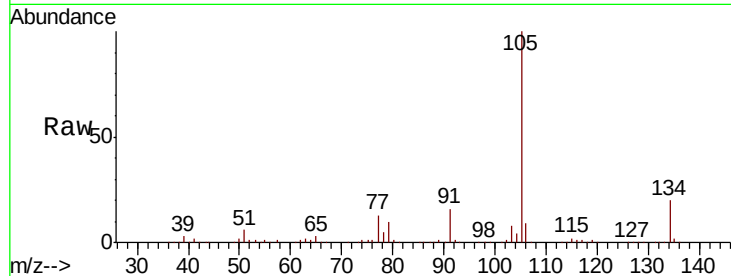
#85
 sec-Butylbenzene
 Concen: 51.069 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 426810
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 30.0

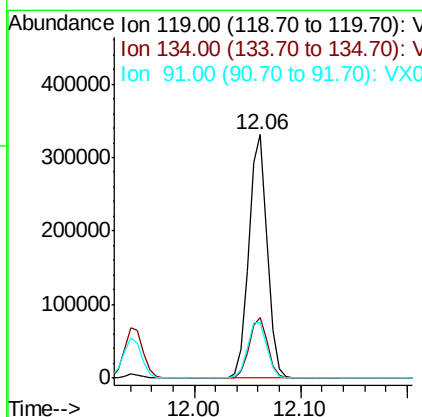
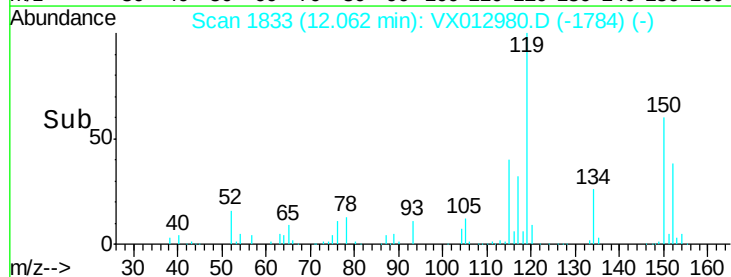
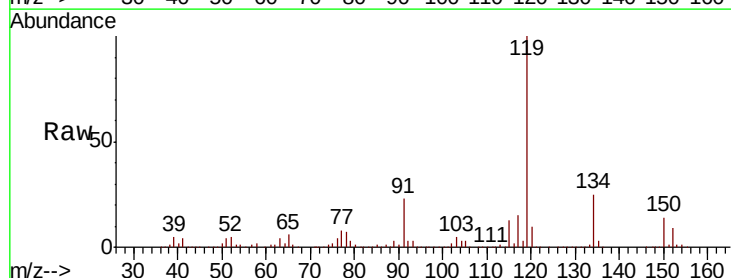
Manual Integrations
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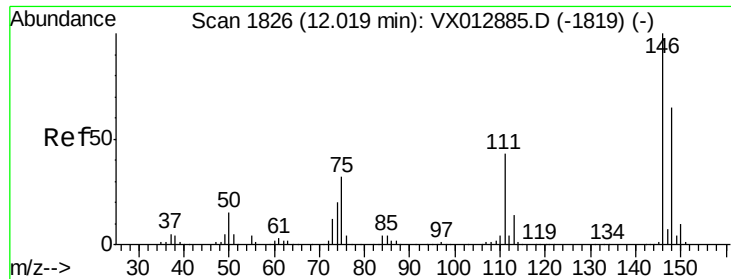
MMDadoda
 10/10/2019 9:05:02 AM



#86
 p-Isopropyltoluene
 Concen: 51.528 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion:119 Resp: 399398
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 24.4 12.4 37.4





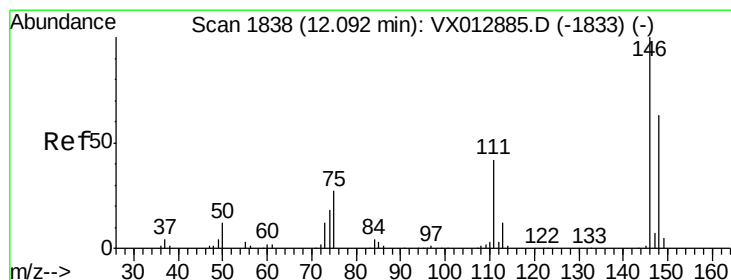
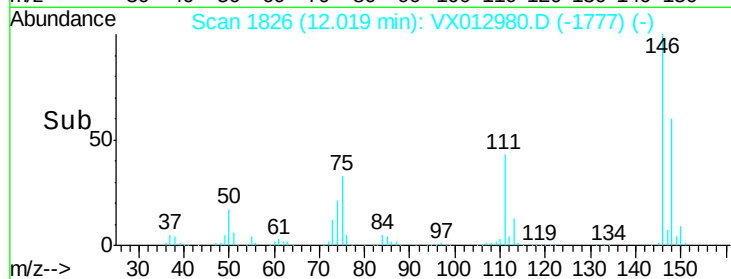
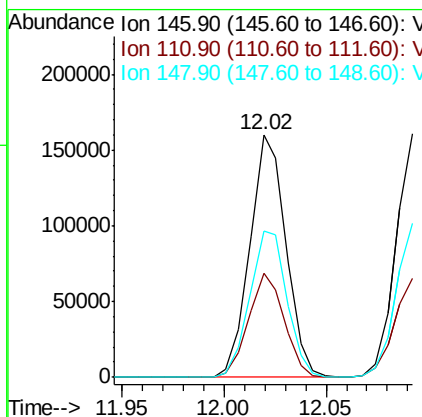
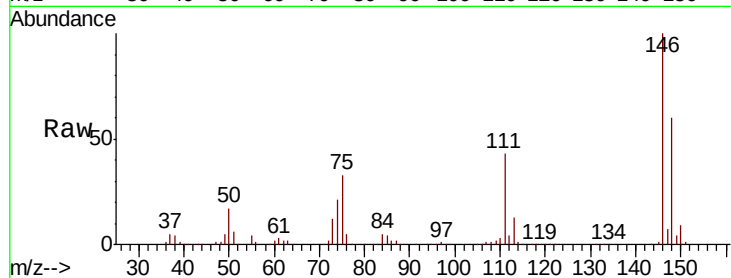
#87
 1,3-Dichlorobenzene
 Concen: 50.973 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.4
148	62.1	31.6	95.0

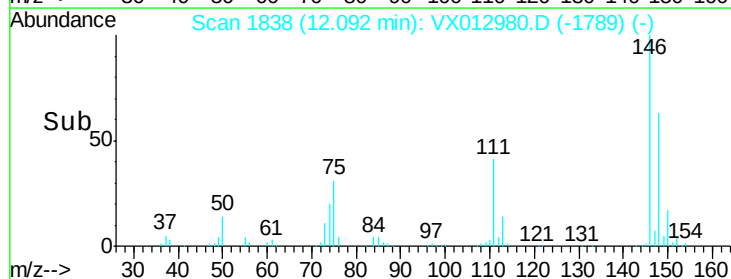
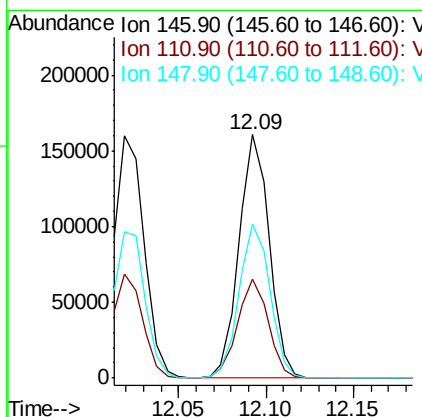
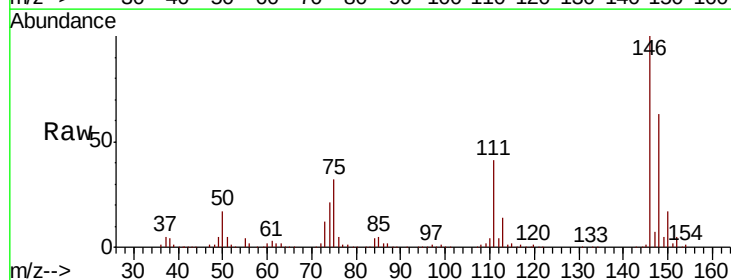
Manual Integrations
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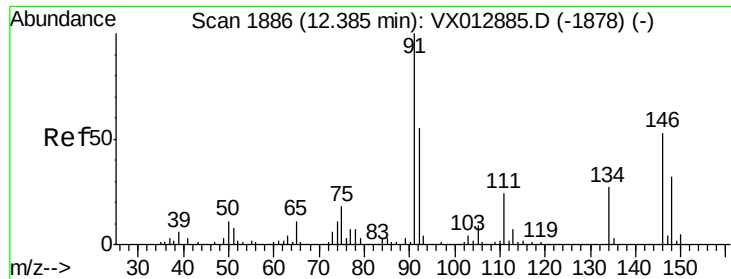
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#88
 1,4-Dichlorobenzene
 Concen: 49.455 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.4	64.3
148	64.6	32.1	96.5





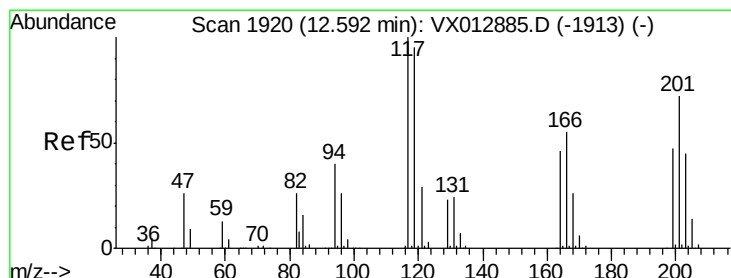
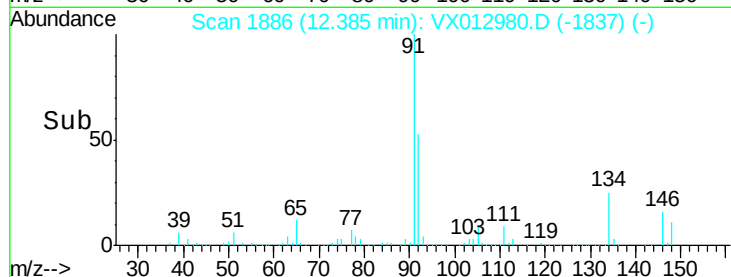
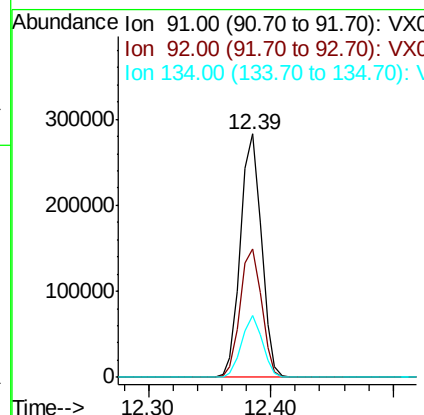
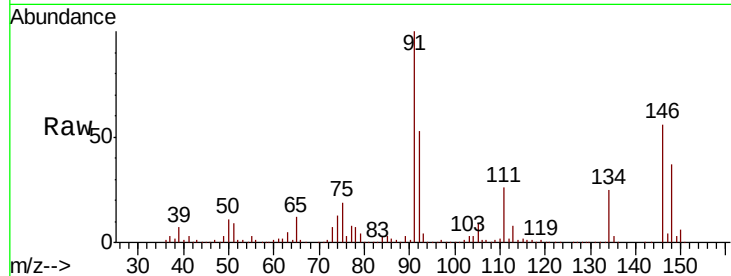
#89
n-Butylbenzene
Concen: 51.092 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.1	27.5	82.5	
134	25.0	12.9	38.7	

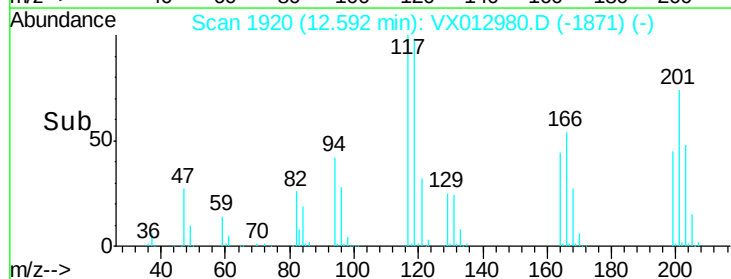
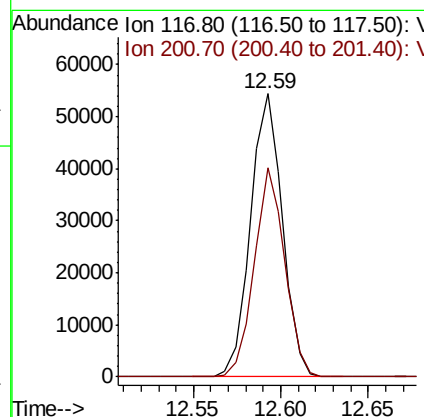
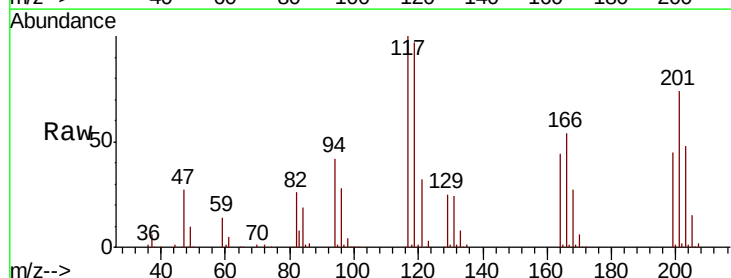
Manual Integrations
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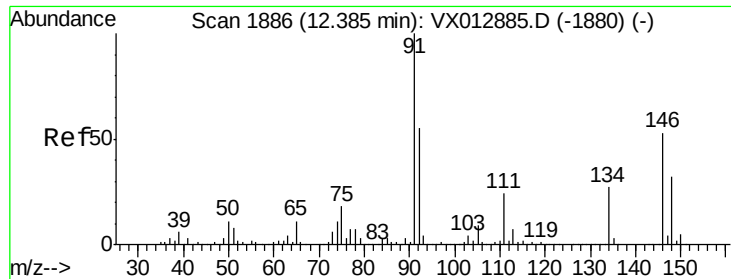
MMDadoda
10/10/2019 9:05:02 AM



#90
Hexachloroethane
Concen: 47.875 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	70.9	36.9	110.7	





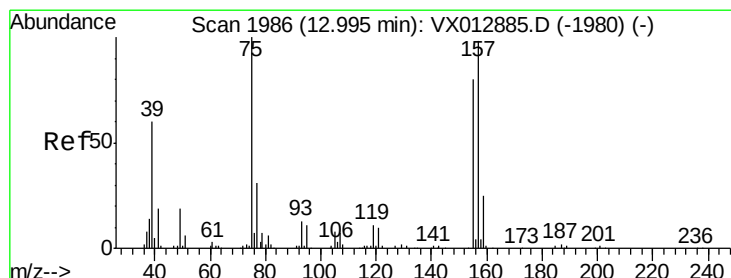
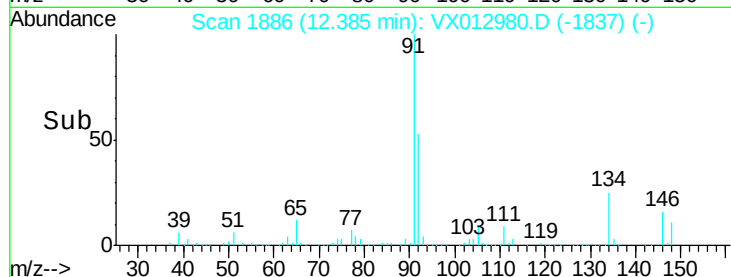
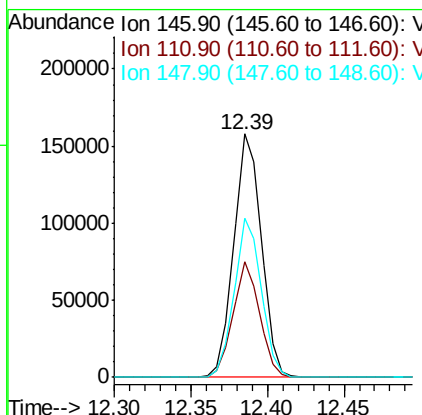
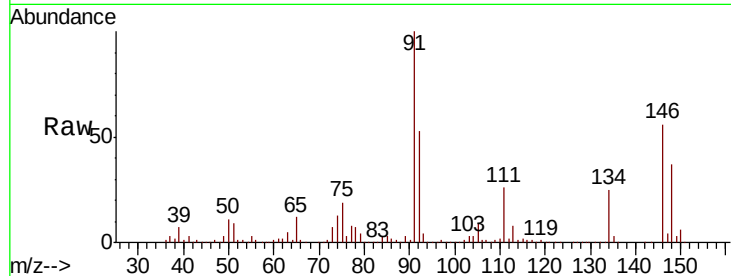
#91
 1,2-Dichlorobenzene
 Concen: 52.017 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.7	68.0
148	64.2	31.6	94.7

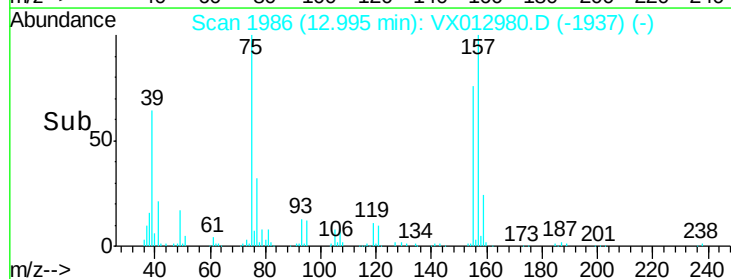
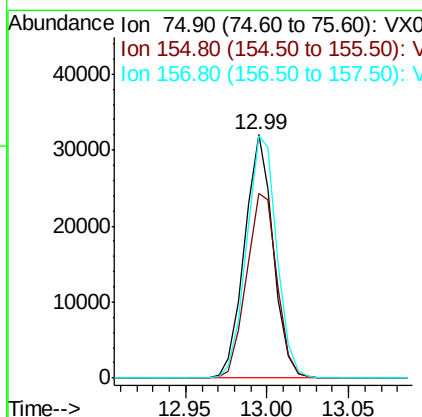
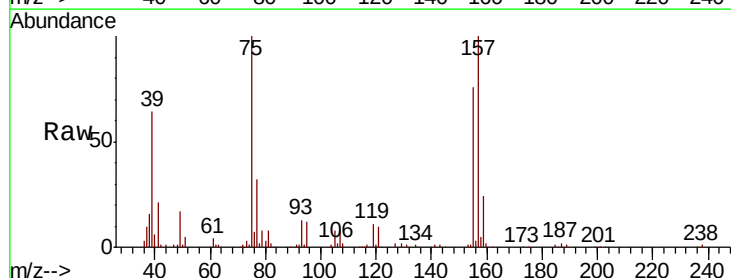
Manual Integrations
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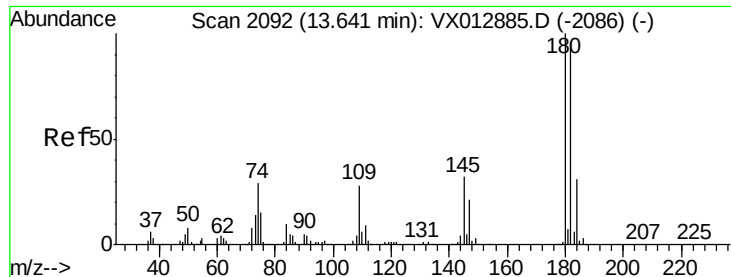
MMDadoda
 10/10/2019 9:05:02 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.707 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	43.0	128.8
157	105.2	54.1	162.3





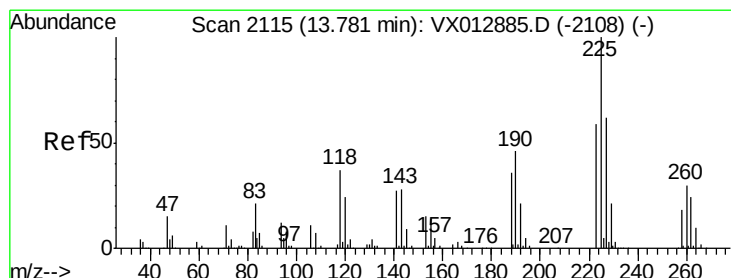
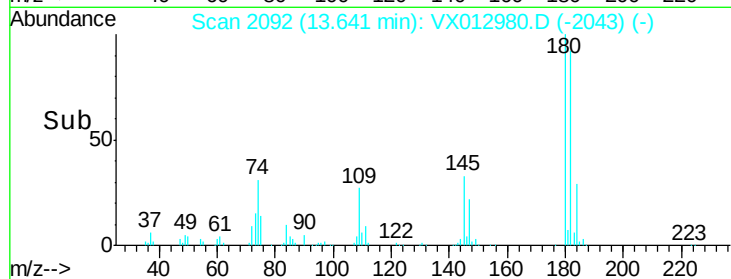
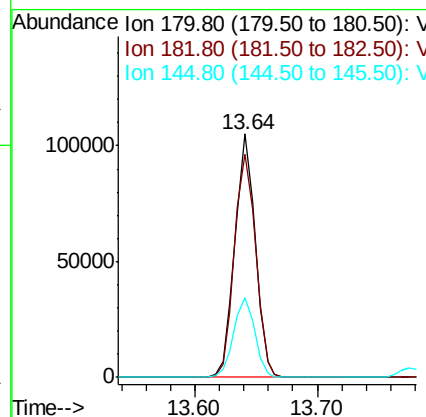
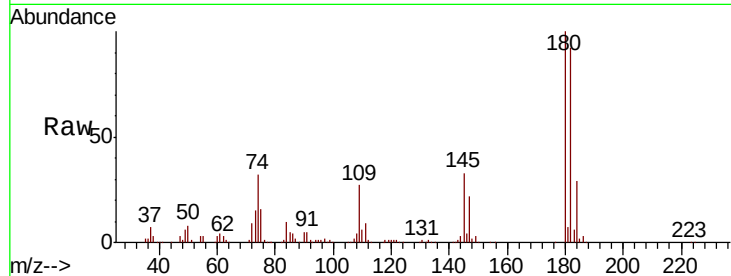
#93
 1,2,4-Trichlorobenzene
 Concen: 50.892 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	121124
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.8	140.4
145	33.6	16.2	48.6

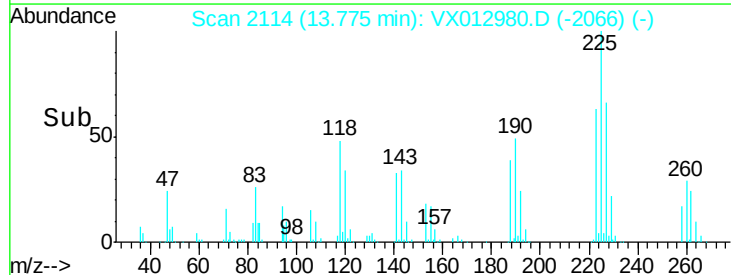
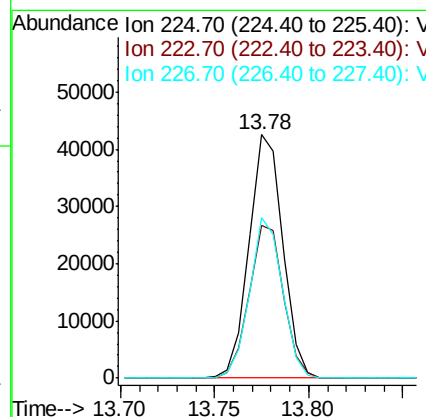
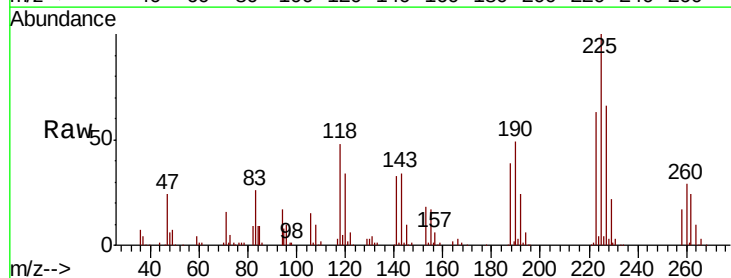
Manual Integrations
 APPROVED

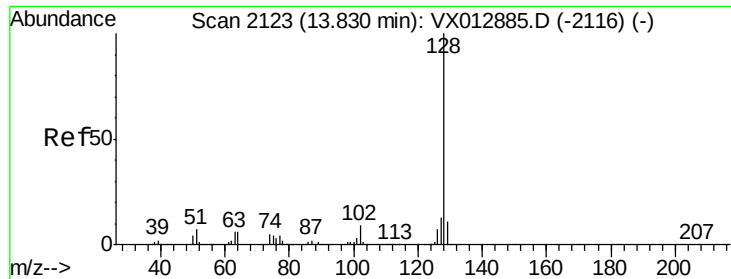
MMDadoda
 10/10/2019 9:05:02 AM



#94
 Hexachlorobutadiene
 Concen: 48.227 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion:	225	Resp:	52972
Ion Ratio	Lower	Upper	
225	100		
223	63.8	31.1	93.2
227	63.9	32.3	96.9





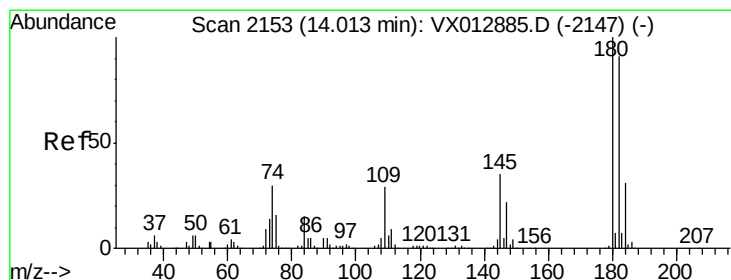
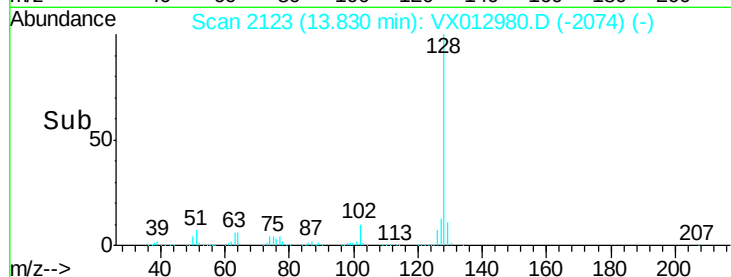
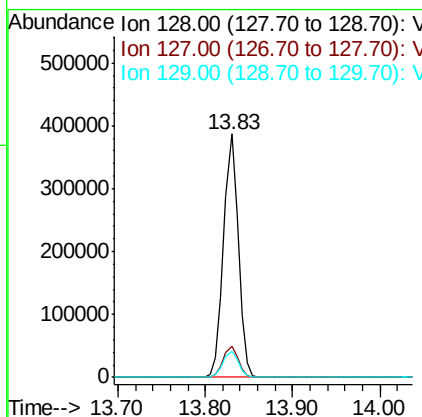
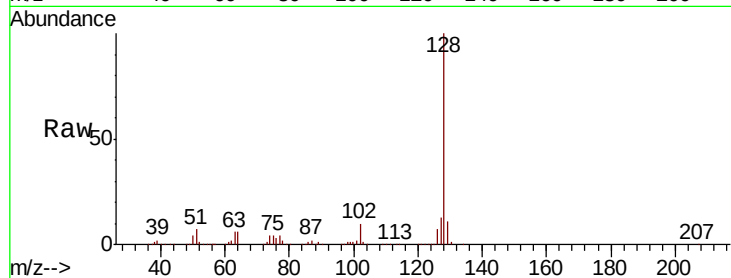
#95
Naphthalene
Concen: 54.364 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/10/2019 9:05:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.529 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.5
145	35.6	17.4	52.3

