

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
 Data File : VX012426.D
 Acq On : 16 Sep 2019 23:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 17 04:59:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	114137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	187766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	176855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105482	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	115662	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	5.49	113	81631	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
50) Toluene-d8	8.71	98	307302	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.14	95	125731	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	56000	50.810	ug/l	98
3) Chloromethane	1.32	50	45058	51.414	ug/l	95
4) Vinyl Chloride	1.40	62	50681	52.952	ug/l	99
5) Bromomethane	1.62	94	17055	41.822	ug/l	96
6) Chloroethane	1.70	64	34972	55.151	ug/l	99
7) Trichlorofluoromethane	1.92	101	95329	54.241	ug/l	98
8) Diethyl Ether	2.18	74	40181	52.487	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	65927	52.088	ug/l	99
10) Methyl Iodide	2.50	142	40538	33.508	ug/l	99
11) Tert butyl alcohol	3.04	59	150337	254.759	ug/l	98
12) 1,1-Dichloroethene	2.36	96	53463	53.675	ug/l	87
13) Acrolein	2.28	56	53811	211.621	ug/l	98
14) Allyl chloride	2.72	41	124587	54.240	ug/l	98
15) Acrylonitrile	3.13	53	257481	263.805	ug/l	100
16) Acetone	2.44	43	244368	232.640	ug/l	99
17) Carbon Disulfide	2.56	76	73329	49.478	ug/l	100
18) Methyl Acetate	2.76	43	126867	54.242	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	289169	53.718	ug/l	99
20) Methylene Chloride	2.84	84	70056	48.883	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	55575	51.900	ug/l	93
22) Diisopropyl ether	3.84	45	284985	54.035	ug/l	96
23) Vinyl Acetate	3.80	43	1230953	282.755	ug/l	98
24) 1,1-Dichloroethane	3.69	63	139398	52.822	ug/l	99
25) 2-Butanone	4.66	43	390918	261.222	ug/l	99
26) 2,2-Dichloropropane	4.57	77	112030	44.504	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	81883	52.178	ug/l	98
28) Bromochloromethane	5.00	49	65938	48.789	ug/l	96
29) Tetrahydrofuran	5.12	42	237343	273.449	ug/l	98
30) Chloroform	5.20	83	153638	50.381	ug/l	97
31) Cyclohexane	5.57	56	87224	54.286	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	132615	52.351	ug/l	100
36) 1,1-Dichloropropene	5.79	75	87198	50.255	ug/l	100
37) Ethyl Acetate	4.82	43	141523	52.975	ug/l	99
38) Carbon Tetrachloride	5.77	117	109273	51.605	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88702	53.222	ug/l	97
40) Benzene	6.14	78	279000	52.182	ug/l	100
41) Methacrylonitrile	5.03	41	82177	53.875	ug/l	98
42) 1,2-Dichloroethane	6.19	62	125932	51.731	ug/l	99
43) Isopropyl Acetate	6.44	43	241688	52.728	ug/l	99
44) Trichloroethene	7.20	130	72302	50.350	ug/l	99
45) 1,2-Dichloropropane	7.51	63	83565	51.142	ug/l	98
46) Dibromomethane	7.65	93	54001	49.539	ug/l	97
47) Bromodichloromethane	7.89	83	124634	51.213	ug/l	97
48) Methyl methacrylate	7.76	41	114384	50.304	ug/l	98
49) 1,4-Dioxane	7.73	88	52139	996.948	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	789516	265.823	ug/l	99
52) Toluene	8.78	92	179831	51.670	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	129609	51.355	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	134086	51.398	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	89324	48.843	ug/l	98
56) Ethyl methacrylate	9.17	69	147190	53.496	ug/l	98
57) 1,3-Dichloropropane	9.37	76	145907	50.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	387380	261.583	ug/l	98
59) 2-Hexanone	9.49	43	607425	265.280	ug/l	99
60) Dibromochloromethane	9.58	129	97790	46.689	ug/l	99
61) 1,2-Dibromoethane	9.67	107	85116	50.596	ug/l	99
64) Tetrachloroethene	9.33	164	58652	50.013	ug/l	98
65) Chlorobenzene	10.14	112	208984	50.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	89844	51.284	ug/l	98
67) Ethyl Benzene	10.25	91	369281	52.404	ug/l	99
68) m/p-Xylenes	10.36	106	269821	103.731	ug/l	100
69) o-Xylene	10.70	106	138701	51.420	ug/l	97
70) Styrene	10.71	104	248444	53.083	ug/l	99
71) Bromoform	10.85	173	69744	45.716	ug/l #	99
73) Isopropylbenzene	11.01	105	392065	53.500	ug/l	99
74) N-amyl acetate	10.89	43	222695	57.327	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	153793	52.335	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	174807	64.108	ug/l	89
77) Bromobenzene	11.25	156	94897	50.292	ug/l	96
78) n-propylbenzene	11.35	91	442885	53.475	ug/l	99
79) 2-Chlorotoluene	11.42	91	277373	52.169	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	336889	52.792	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47154	48.817	ug/l	98
82) 4-Chlorotoluene	11.51	91	326860	52.718	ug/l	99
83) tert-Butylbenzene	11.77	119	355064	52.456	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	349340	53.951	ug/l	99
85) sec-Butylbenzene	11.94	105	397626	53.136	ug/l	99
86) p-Isopropyltoluene	12.06	119	367365	53.584	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	173465	49.109	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	178424	49.944	ug/l	99
89) n-Butylbenzene	12.39	91	324851	53.655	ug/l	99
90) Hexachloroethane	12.59	117	68902	51.986	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	185574	51.323	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42028	54.144	ug/l	96

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QLast Update : Tue Sep 17 04:36:38 2019
Response via : Initial Calibration

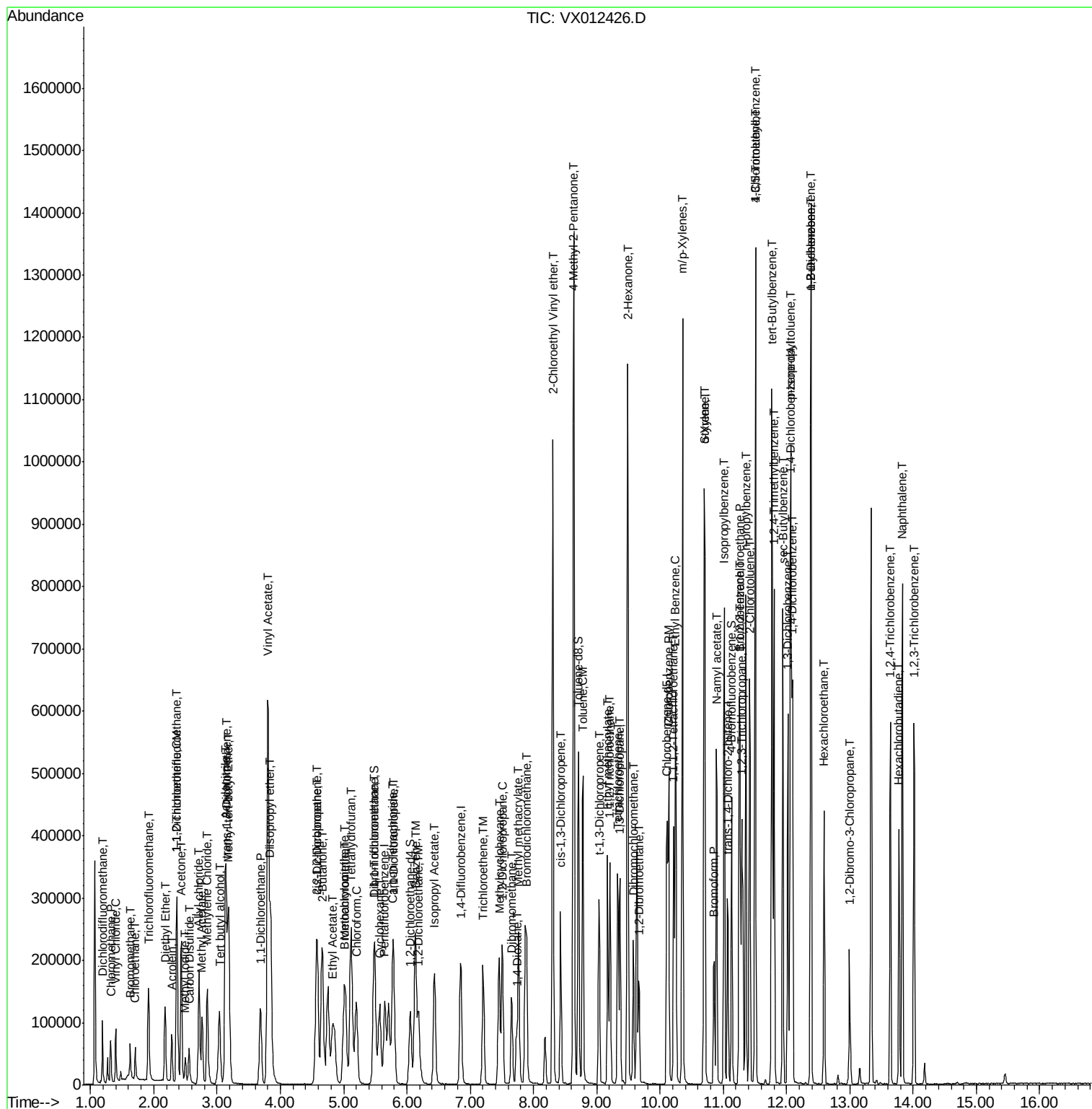
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	121495	50.217	ug/l	99
94) Hexachlorobutadiene	13.78	225	54204	46.524	ug/l	98
95) Naphthalene	13.83	128	459221	51.403	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	124414	51.558	ug/l	98

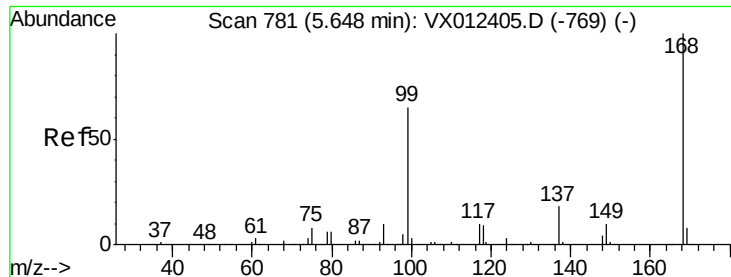
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

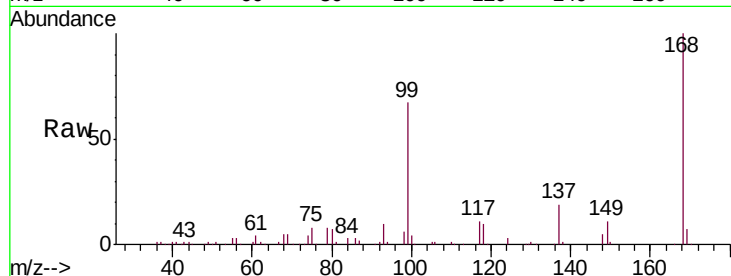
VSTDCCC050EC

Tgt Ion:168 Resp: 114137

Ion Ratio Lower Upper

168 100

99 66.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

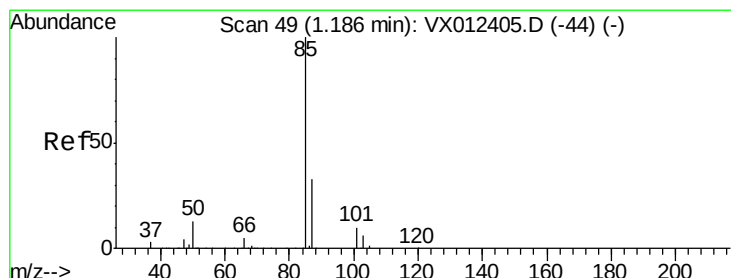
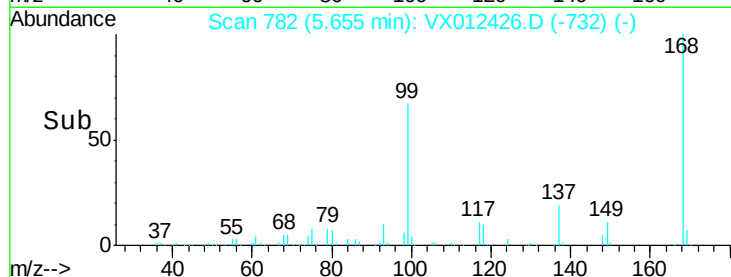
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.810 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012426.D

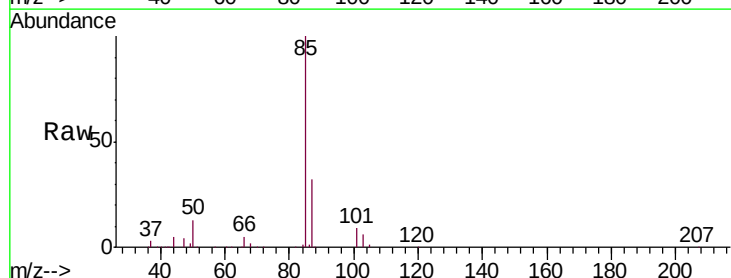
Acq: 16 Sep 2019 23:22

Tgt Ion: 85 Resp: 56000

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

50000

40000

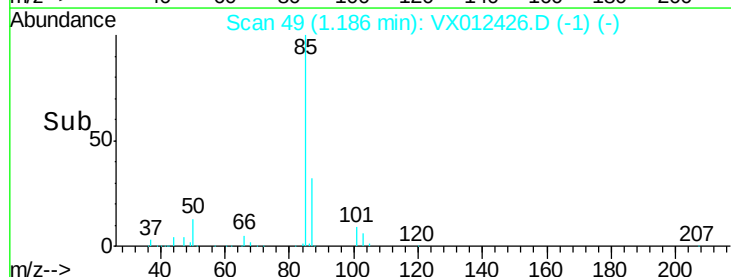
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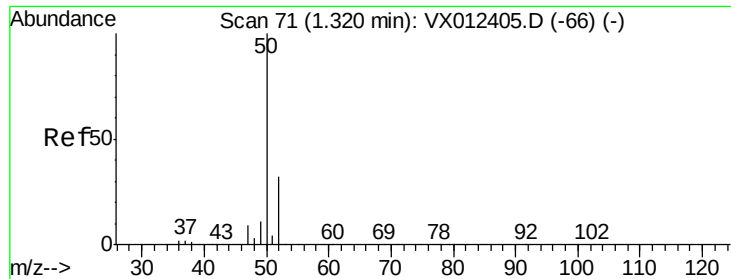
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 51.414 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

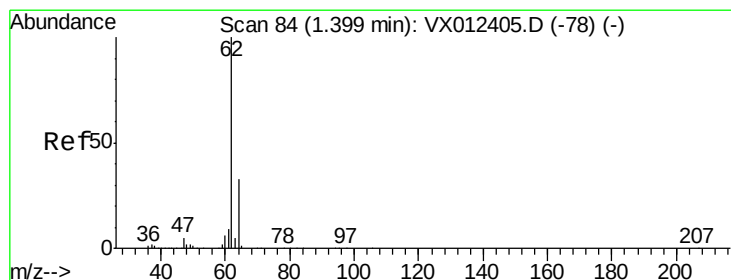
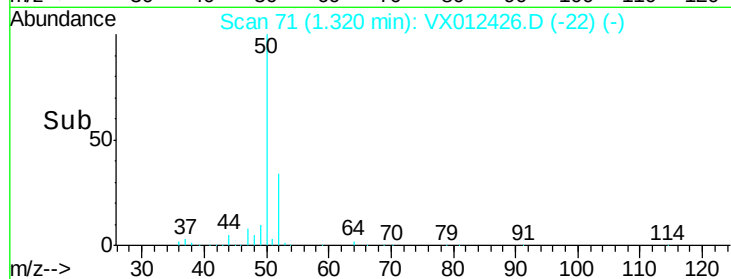
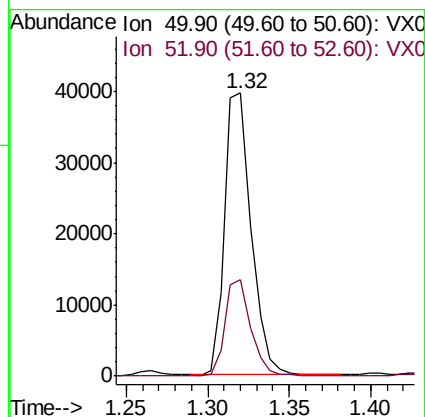
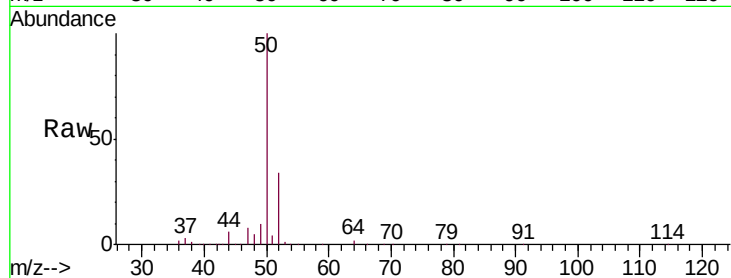
VSTDCCC050EC

Tgt Ion: 50 Resp: 45058

Ion Ratio Lower Upper

50 100

52 34.5 25.4 38.2



#4

Vinyl Chloride

Concen: 52.952 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012426.D

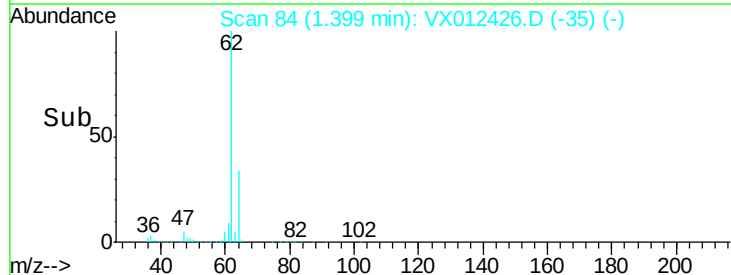
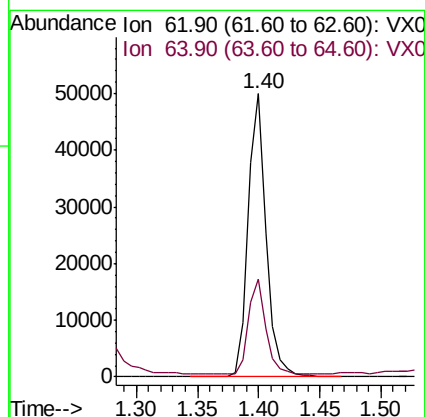
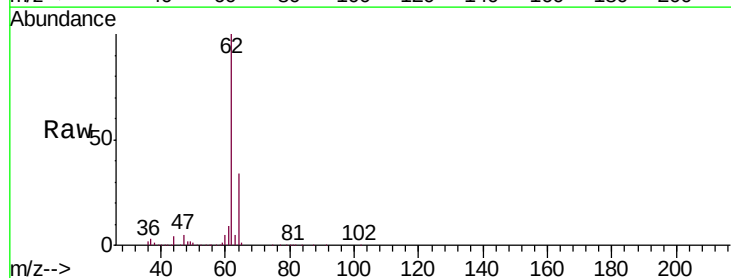
Acq: 16 Sep 2019 23:22

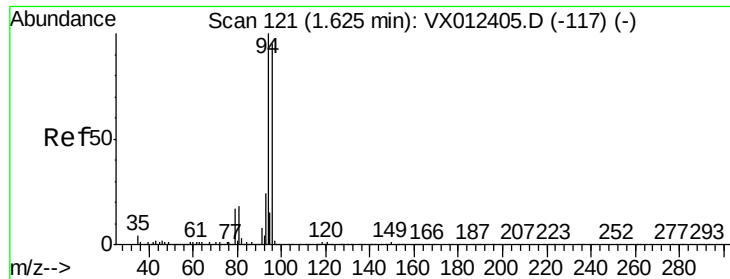
Tgt Ion: 62 Resp: 50681

Ion Ratio Lower Upper

62 100

64 33.1 26.2 39.2





#5

Bromomethane

Concen: 41.822 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

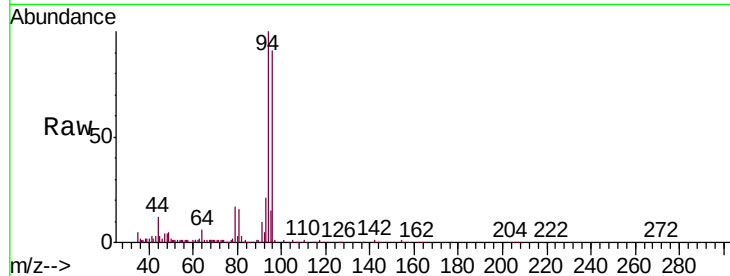
VSTDCCC050EC

Tgt Ion: 94 Resp: 17055

Ion Ratio Lower Upper

94 100

96 90.6 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

20000

15000

10000

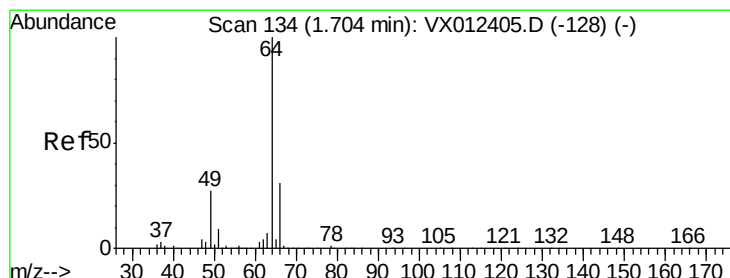
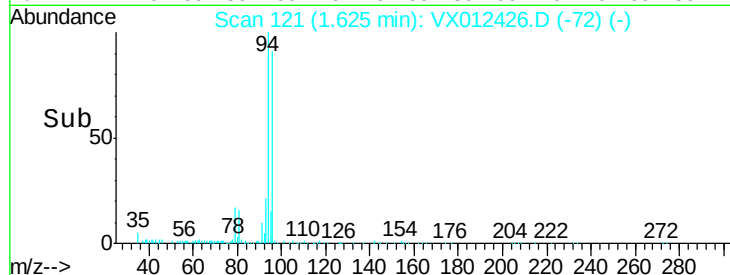
5000

0

Time-->

1.55 1.60 1.65 1.70

1.62



#6

Chloroethane

Concen: 55.151 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX012426.D

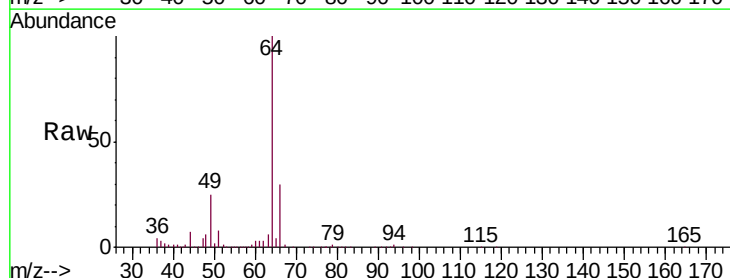
Acq: 16 Sep 2019 23:22

Tgt Ion: 64 Resp: 34972

Ion Ratio Lower Upper

64 100

66 30.2 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

25000

20000

15000

10000

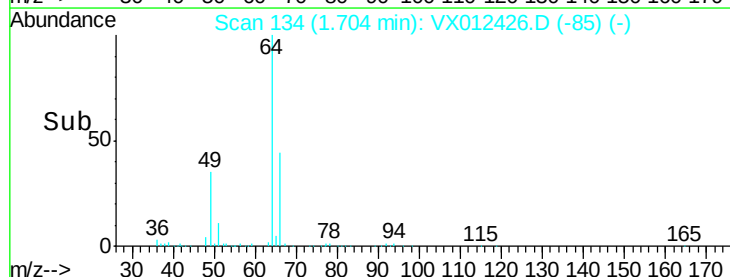
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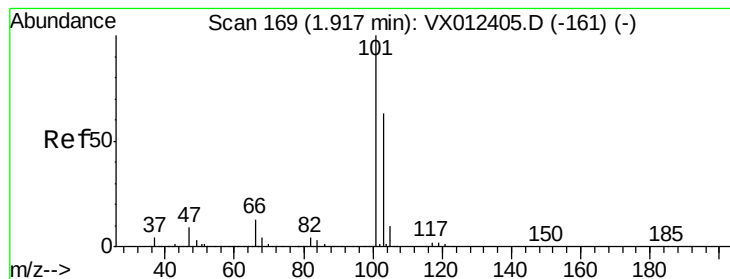
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Time-->

1.65 1.70 1.75 1.80

1.70



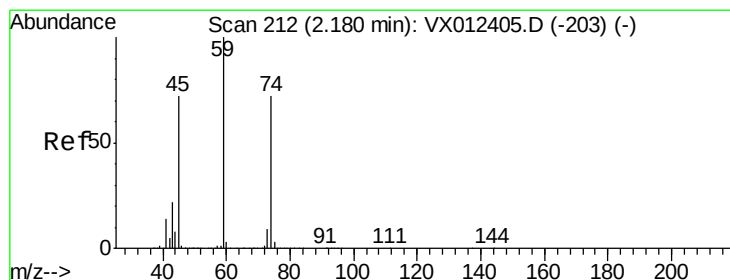
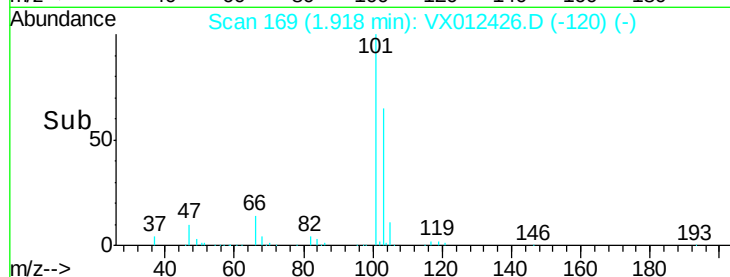
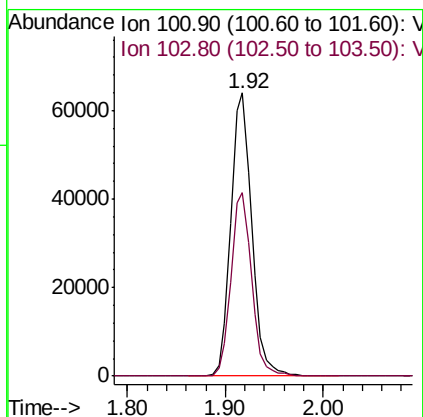
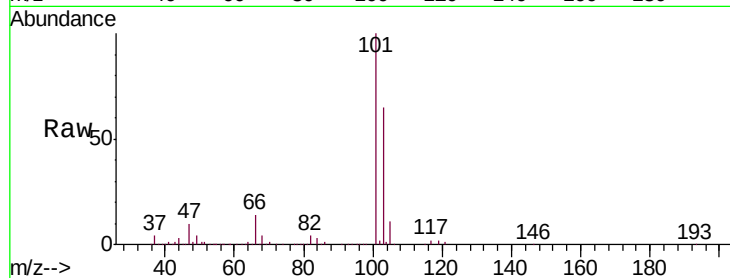


#7

Trichlorofluoromethane
Concen: 54.241 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

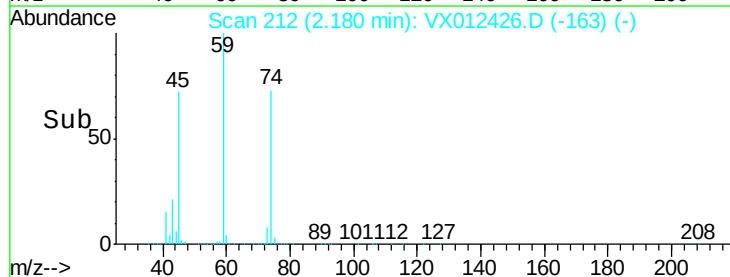
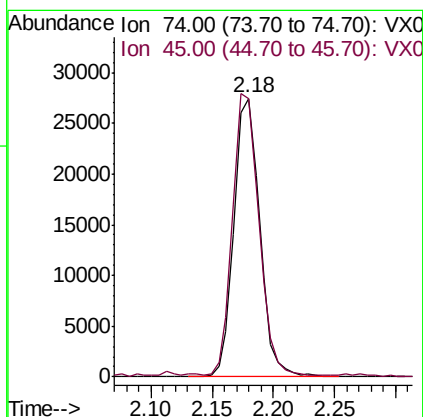
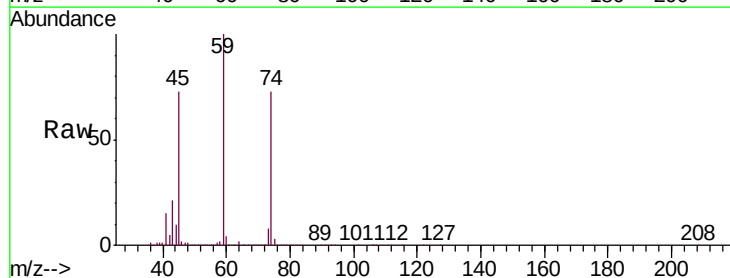
Tgt Ion:101 Resp: 95329
Ion Ratio Lower Upper
101 100
103 64.9 50.5 75.7

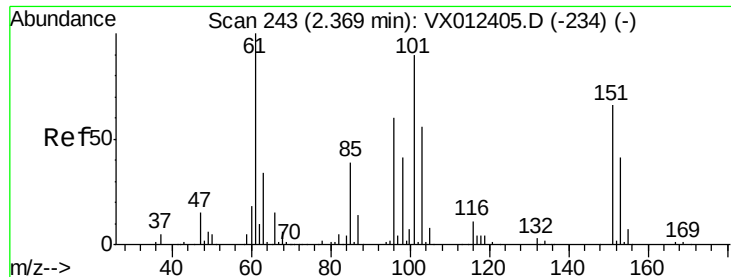


#8

Diethyl Ether
Concen: 52.487 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion: 74 Resp: 40181
Ion Ratio Lower Upper
74 100
45 102.1 50.6 151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.088 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

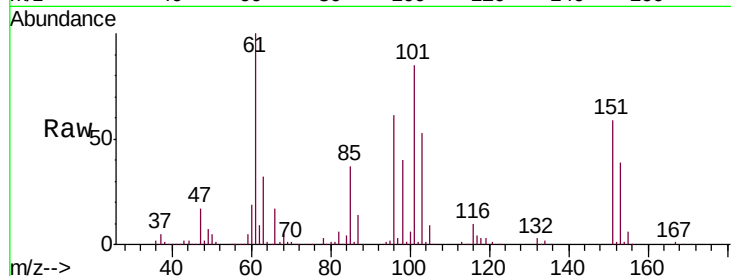
Tgt Ion:101 Resp: 65927

Ion Ratio Lower Upper

101 100

85 45.3 36.3 54.5

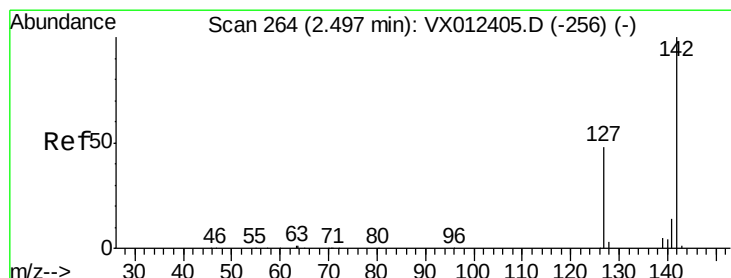
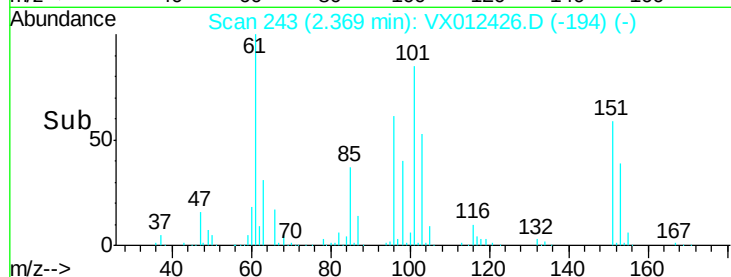
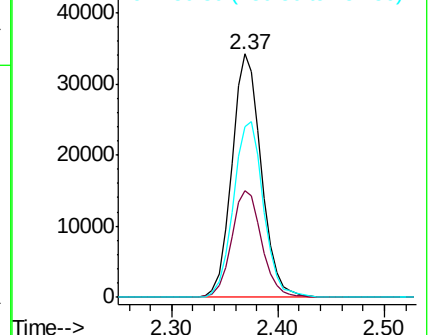
151 74.5 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 33.508 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

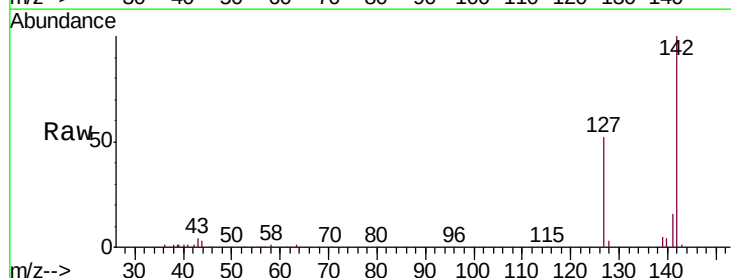
Tgt Ion:142 Resp: 40538

Ion Ratio Lower Upper

142 100

127 50.5 39.6 59.4

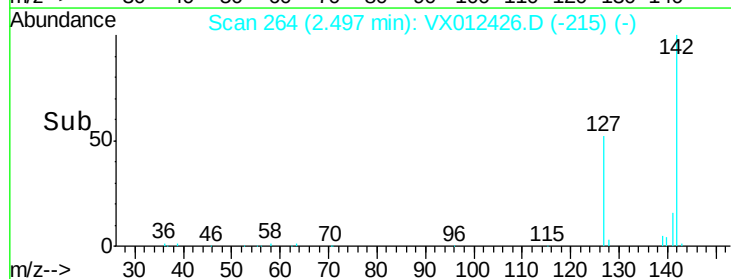
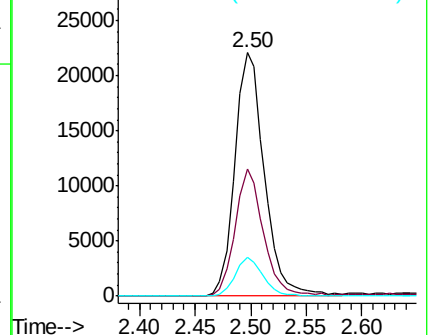
141 14.9 11.6 17.4

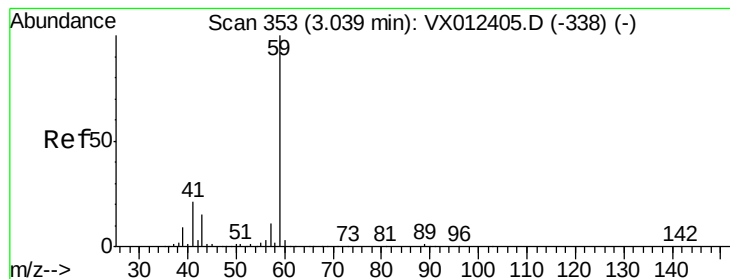


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



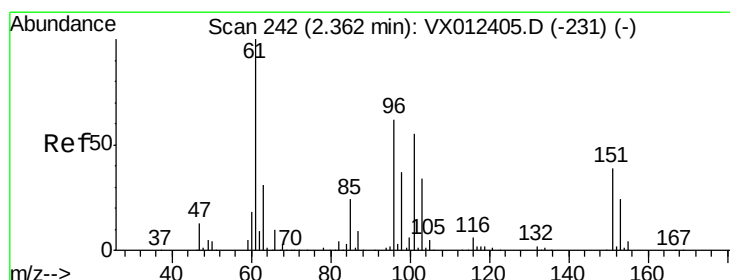
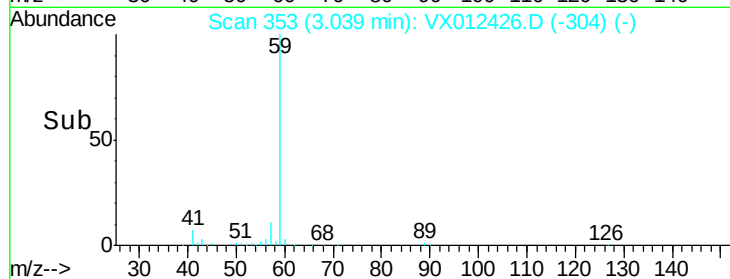
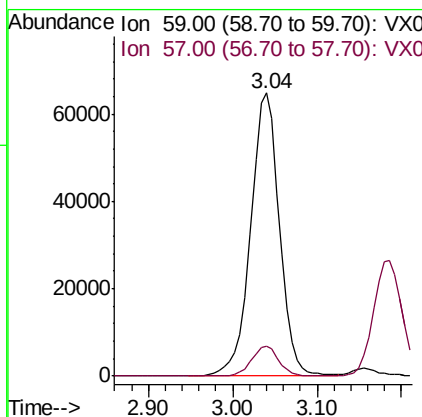
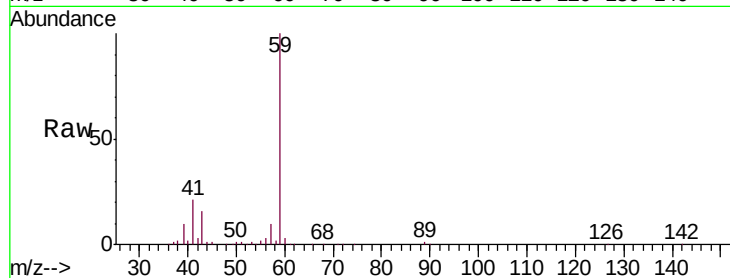


#11

Tert butyl alcohol
 Concen: 254.759 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

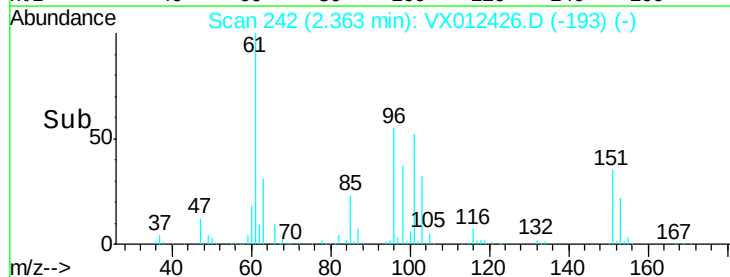
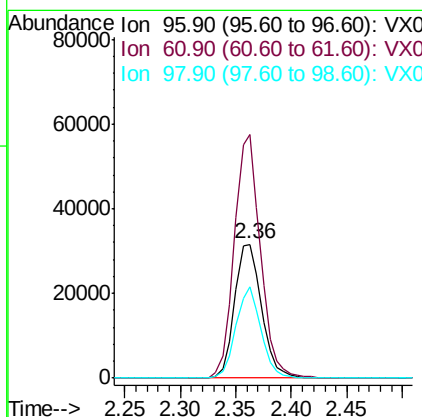
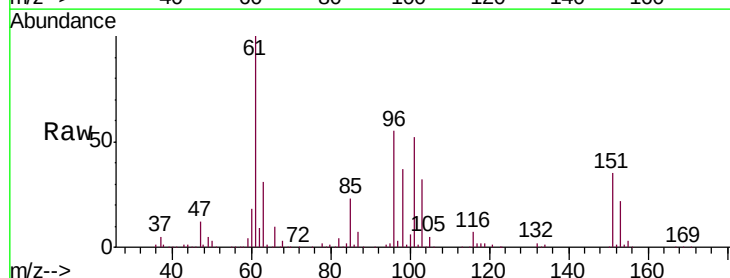
Tgt Ion: 59 Resp: 150337
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8

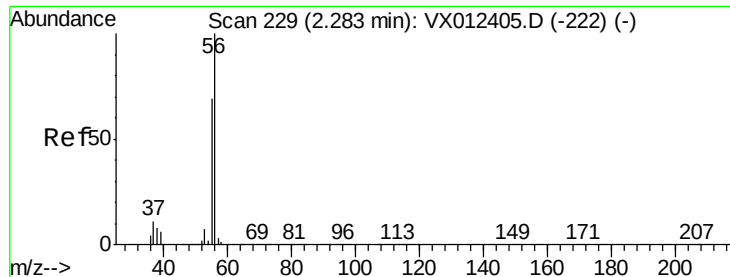


#12

1,1-Dichloroethene
 Concen: 53.675 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion: 96 Resp: 53463
 Ion Ratio Lower Upper
 96 100
 61 181.9 129.8 194.6
 98 68.1 48.5 72.7





#13

Acrolein

Concen: 211.621 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

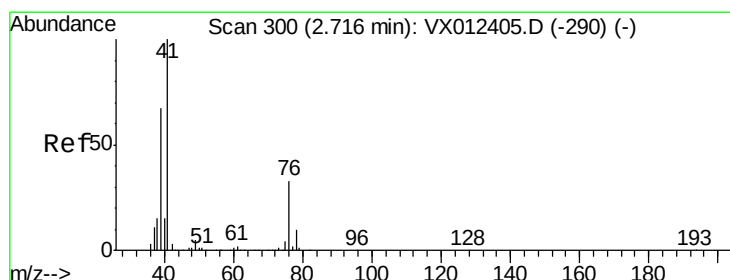
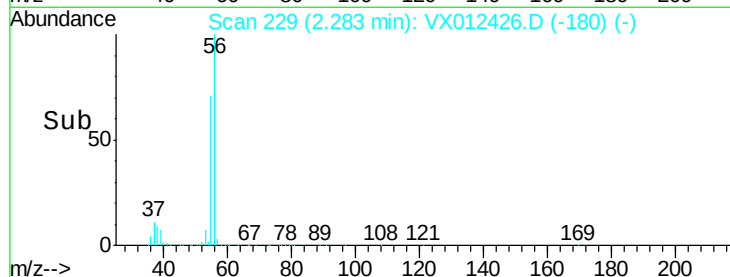
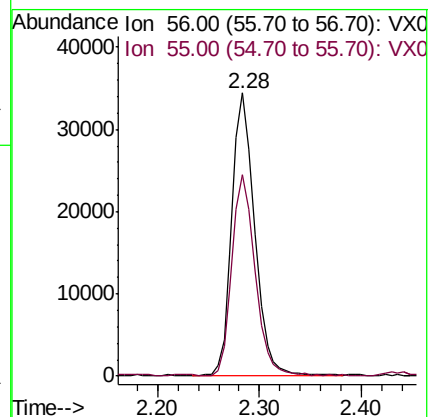
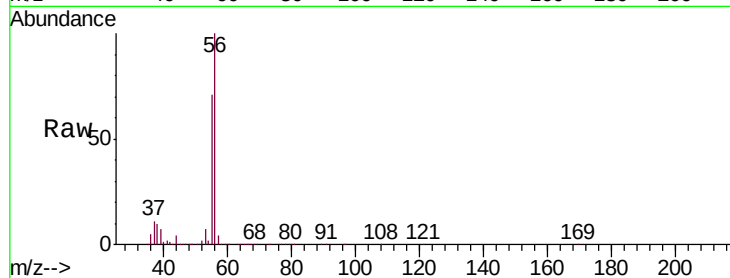
VSTDCCC050EC

Tgt Ion: 56 Resp: 53811

Ion Ratio Lower Upper

56 100

55 71.4 56.1 84.1



#14

Allyl chloride

Concen: 54.240 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

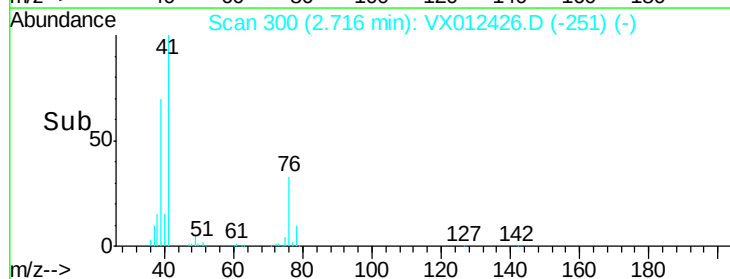
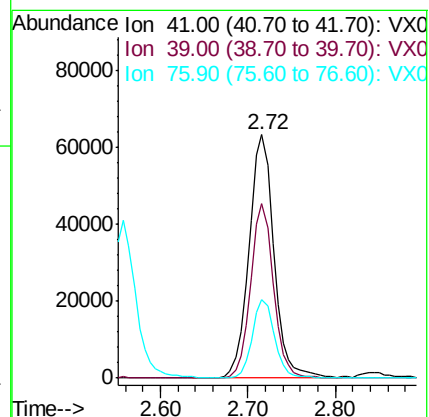
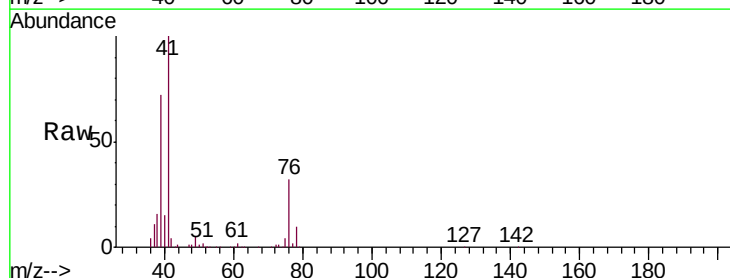
Tgt Ion: 41 Resp: 124587

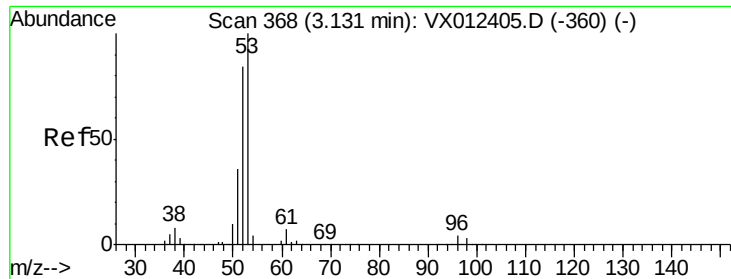
Ion Ratio Lower Upper

41 100

39 65.4 51.1 76.7

76 29.0 23.4 35.2





#15

Acrylonitrile

Concen: 263.805 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

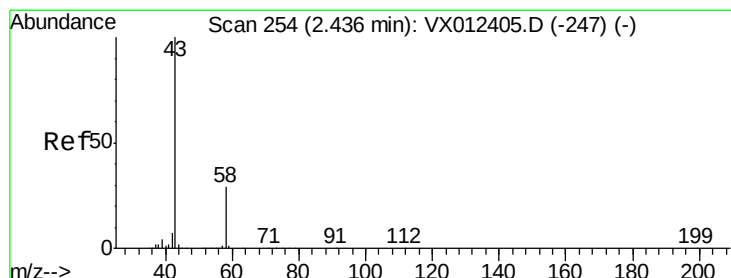
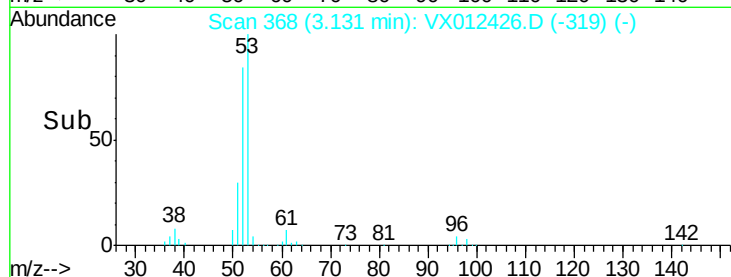
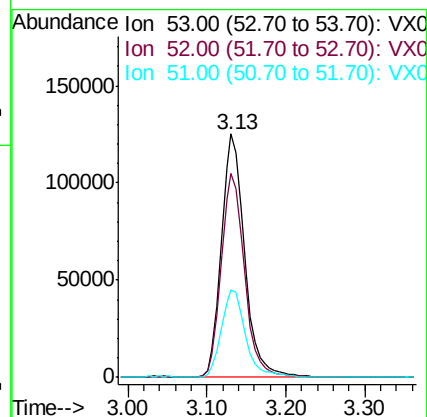
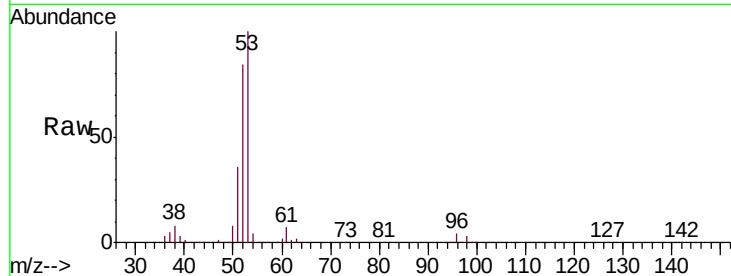
Tgt Ion: 53 Resp: 257481

Ion Ratio Lower Upper

53 100

52 84.1 67.4 101.2

51 37.0 29.8 44.6



#16

Acetone

Concen: 232.640 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012426.D

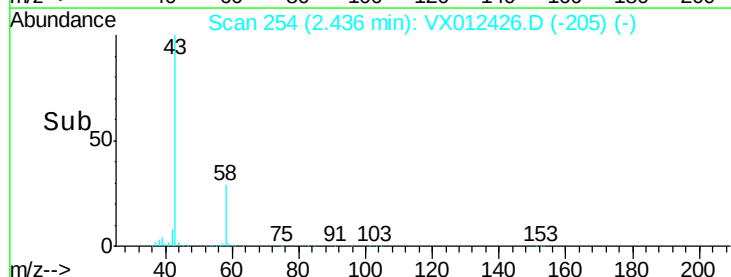
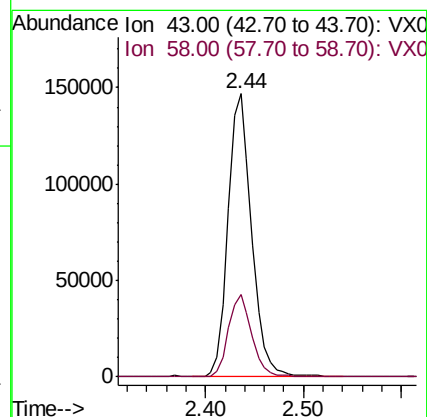
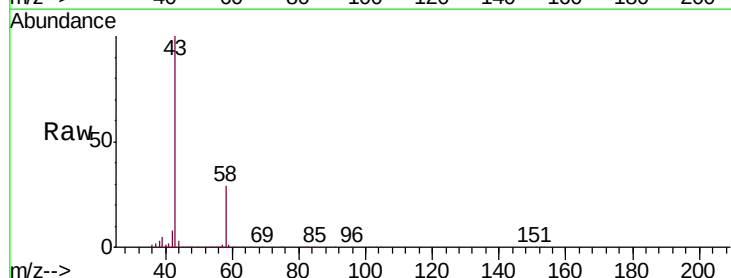
Acq: 16 Sep 2019 23:22

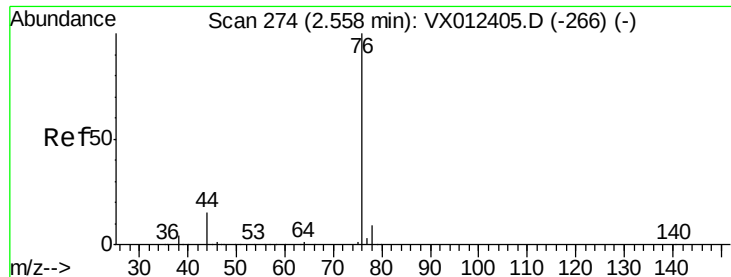
Tgt Ion: 43 Resp: 244368

Ion Ratio Lower Upper

43 100

58 28.9 23.5 35.3





#17

Carbon Disulfide

Concen: 49.478 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

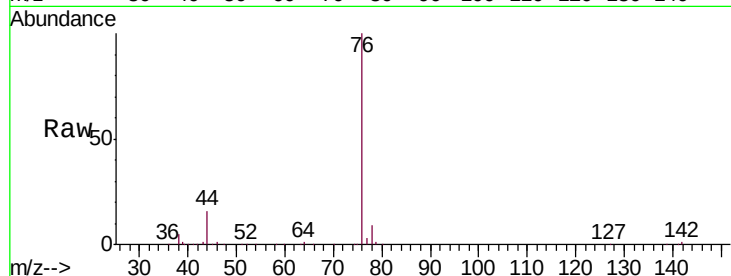
VSTDCCC050EC

Tgt Ion: 76 Resp: 73329

Ion Ratio Lower Upper

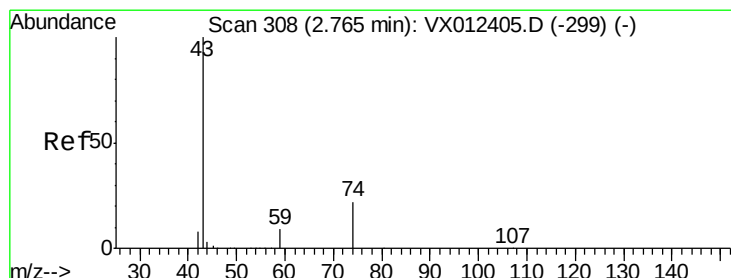
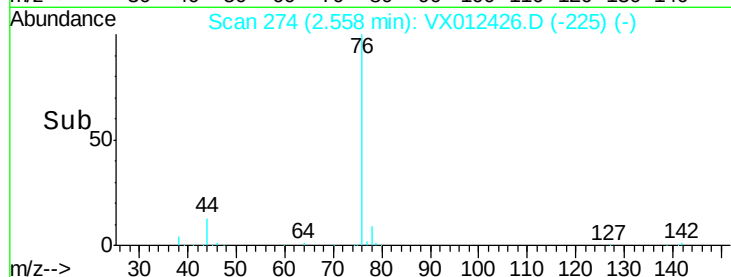
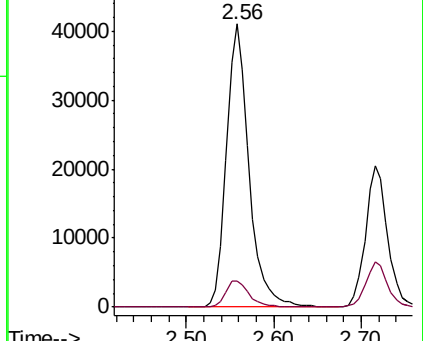
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.242 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012426.D

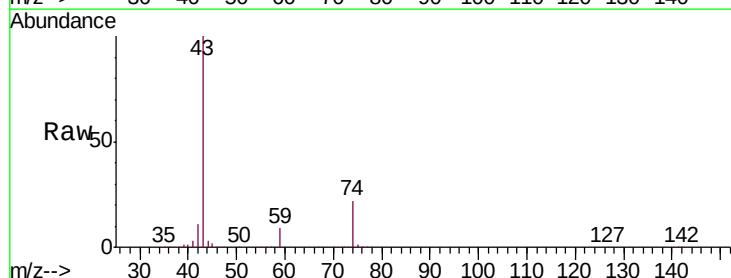
Acq: 16 Sep 2019 23:22

Tgt Ion: 43 Resp: 126867

Ion Ratio Lower Upper

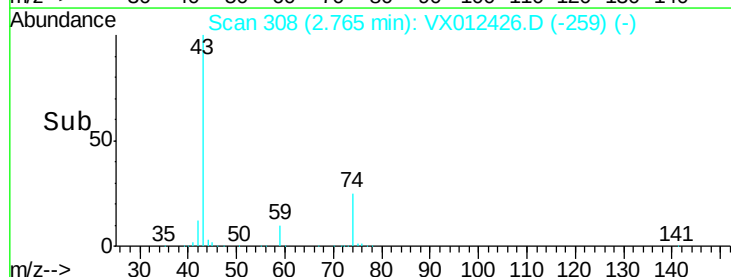
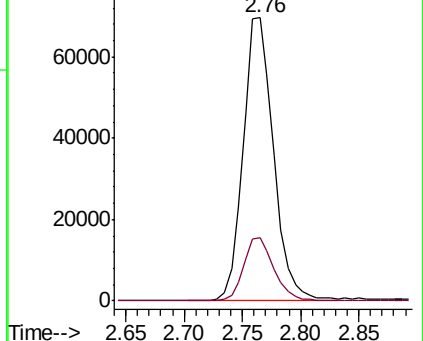
43 100

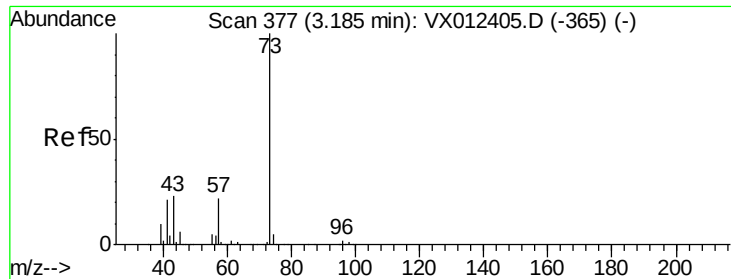
74 22.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

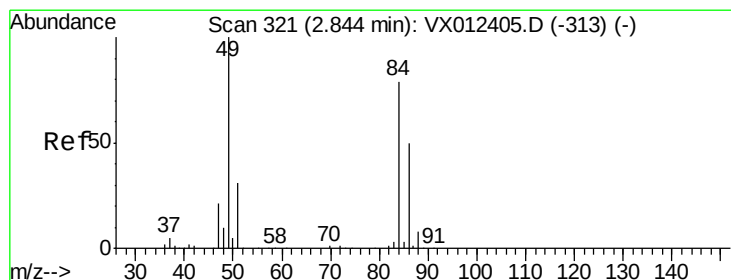
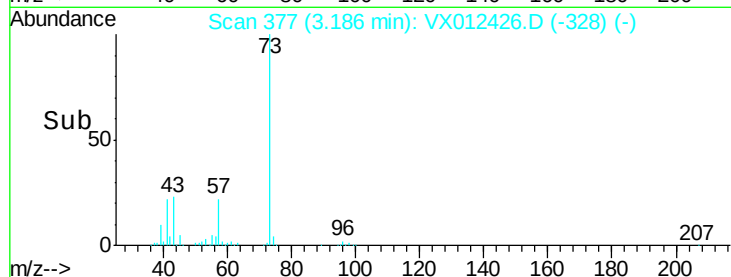
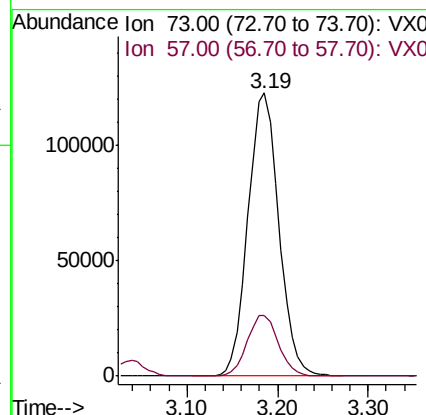
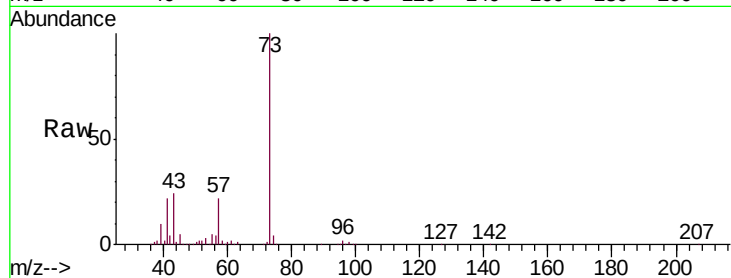




#19
Methyl tert-butyl Ether
Concen: 53.718 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

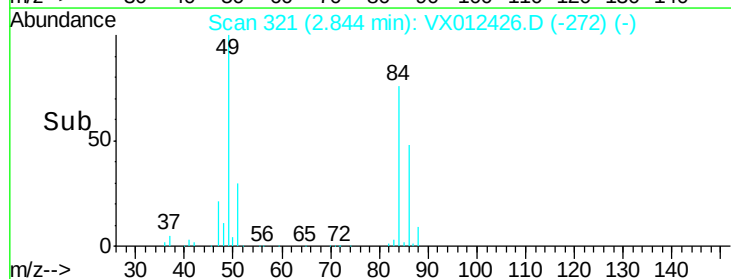
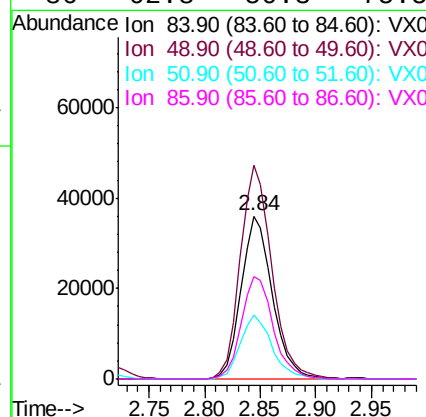
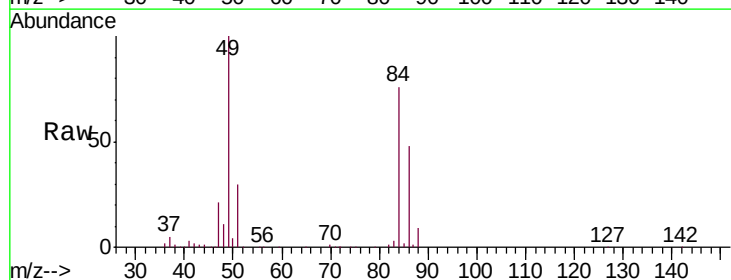
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

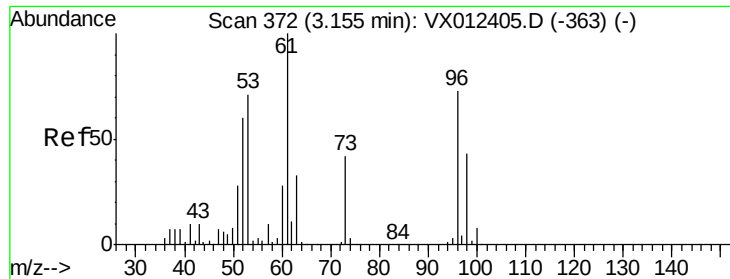
Tgt Ion: 73 Resp: 289169
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.6



#20
Methylene Chloride
Concen: 48.883 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion: 84 Resp: 70056
Ion Ratio Lower Upper
84 100
49 131.2 101.7 152.5
51 39.0 31.2 46.8
86 62.8 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 51.900 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

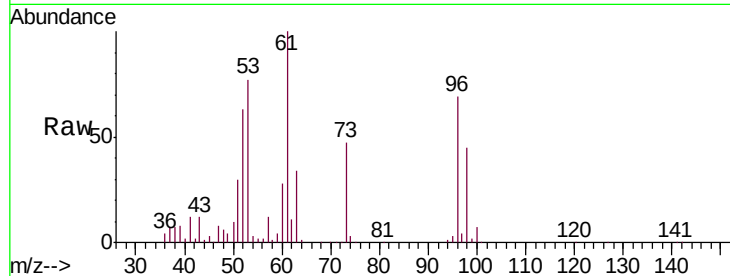
Tgt Ion: 96 Resp: 55575

Ion Ratio Lower Upper

96 100

61 145.2 109.7 164.5

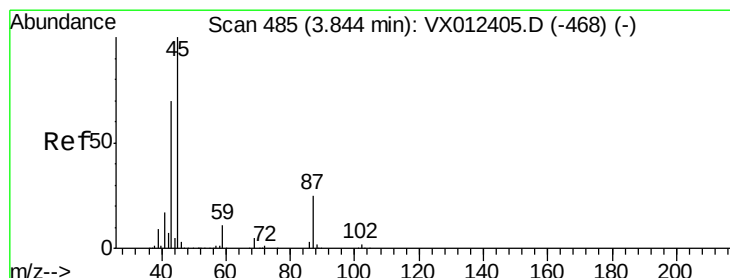
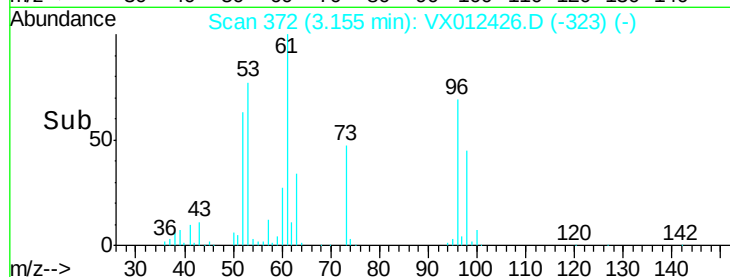
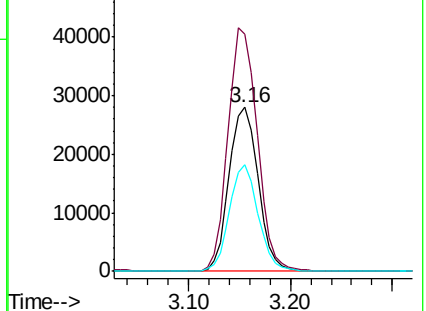
98 65.4 47.0 70.6



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



#22

Diisopropyl ether

Concen: 54.035 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Tgt Ion: 45 Resp: 284985

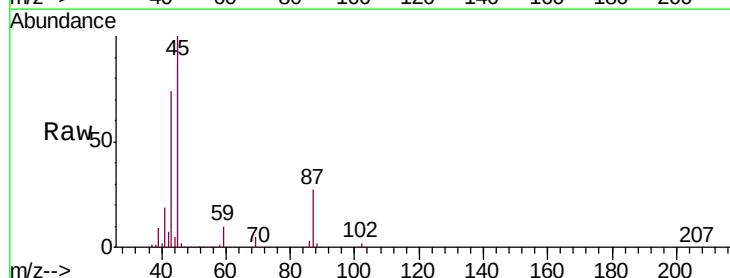
Ion Ratio Lower Upper

45 100

43 73.4 55.8 83.8

87 26.5 20.0 30.0

59 10.4 8.4 12.6

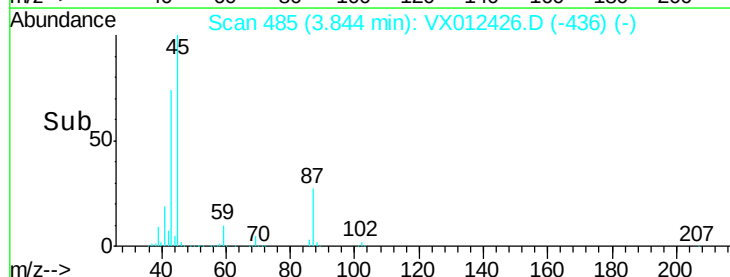
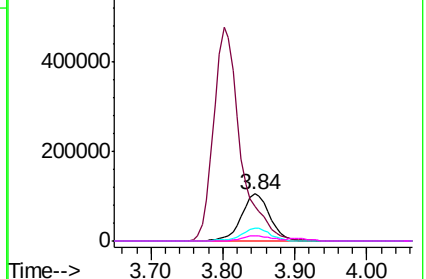


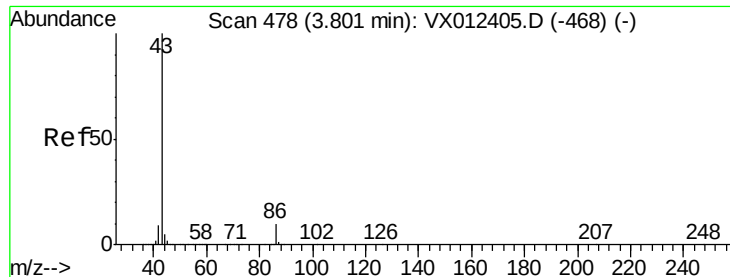
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 282.755 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

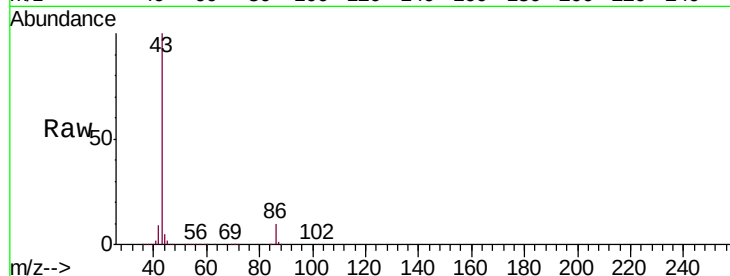
VSTDCCC050EC

Tgt Ion: 43 Resp: 1230953

Ion Ratio Lower Upper

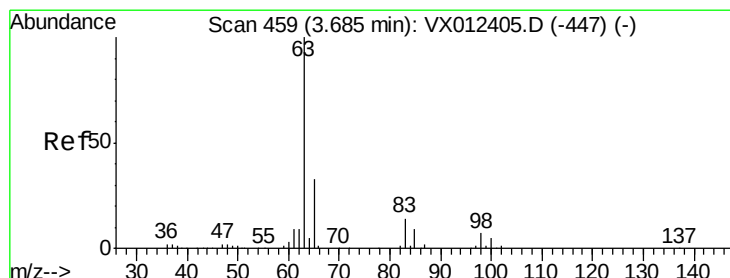
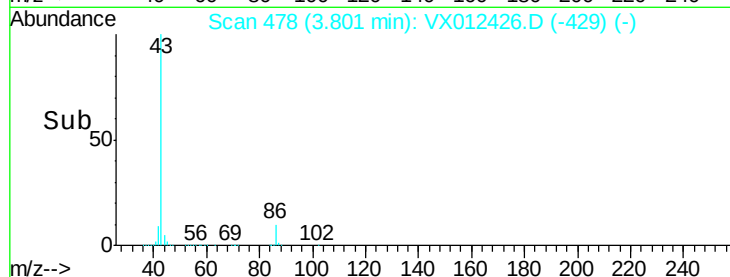
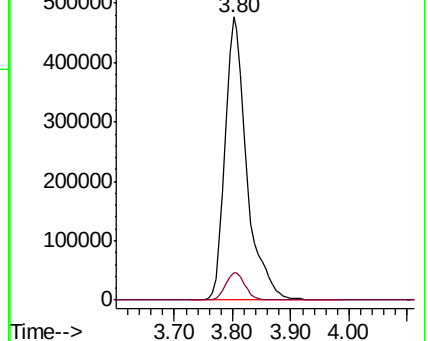
43 100

86 9.8 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.822 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

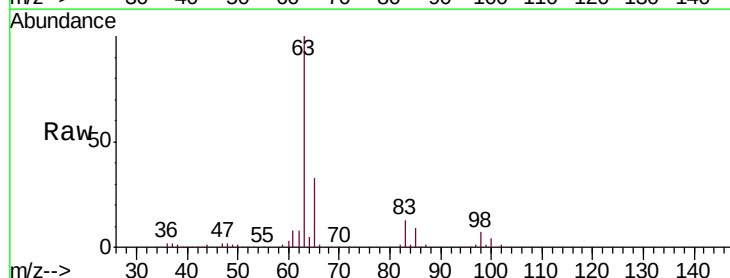
Tgt Ion: 63 Resp: 139398

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

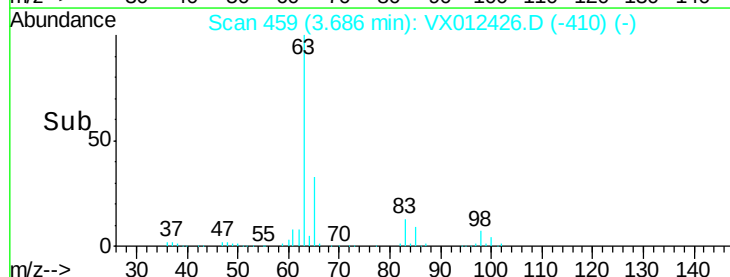
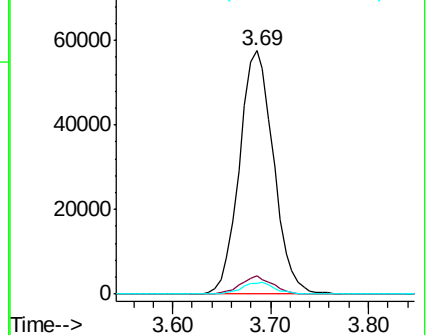
100 4.3 2.5 7.5

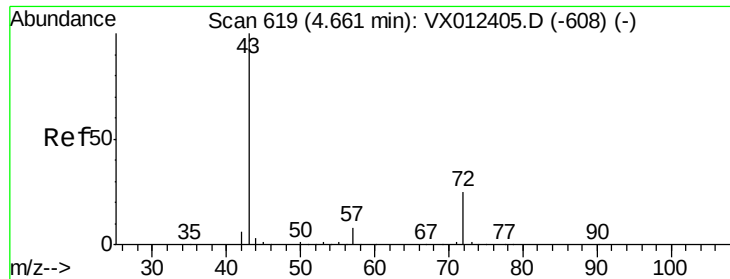


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 261.222 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

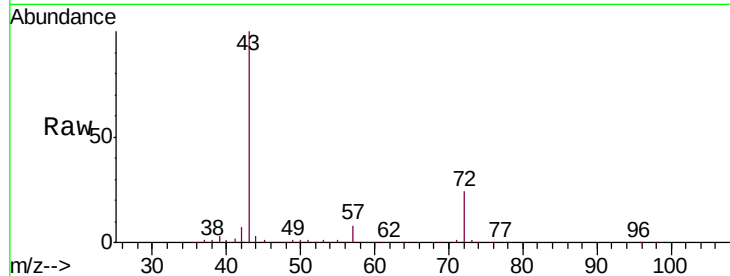
VSTDCCC050EC

Tgt Ion: 43 Resp: 390918

Ion Ratio Lower Upper

43 100

72 24.3 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

150000

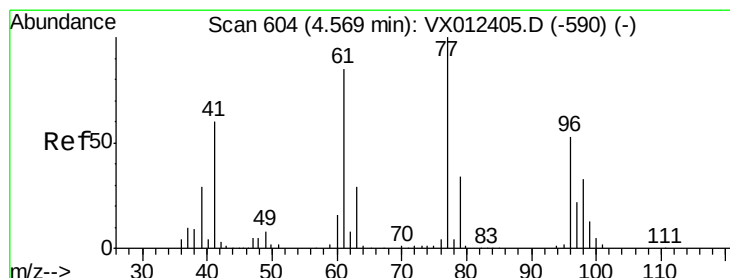
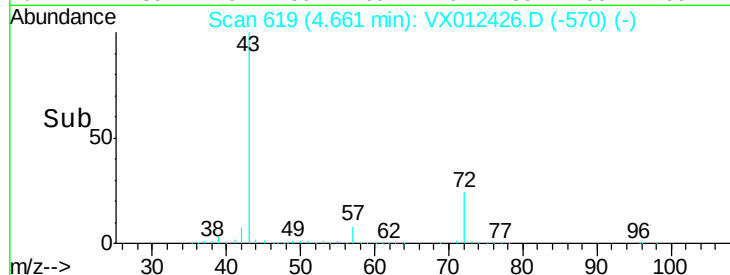
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.504 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012426.D

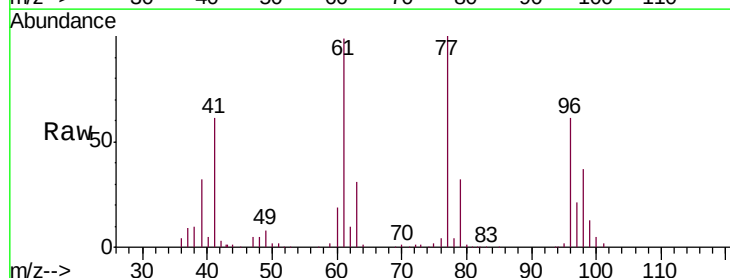
Acq: 16 Sep 2019 23:22

Tgt Ion: 77 Resp: 112030

Ion Ratio Lower Upper

77 100

97 21.5 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

40000

30000

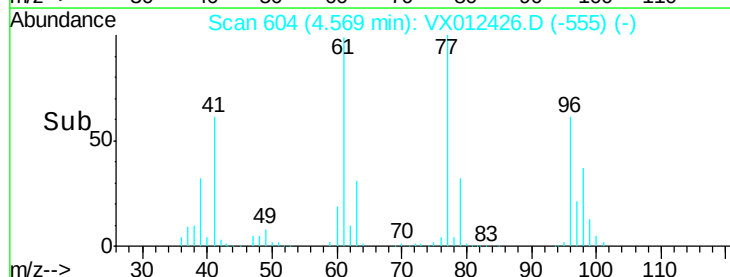
20000

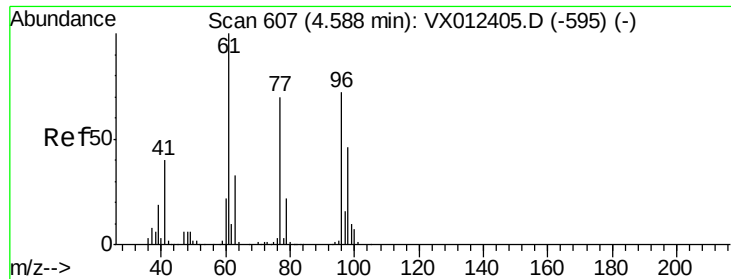
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 52.178 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

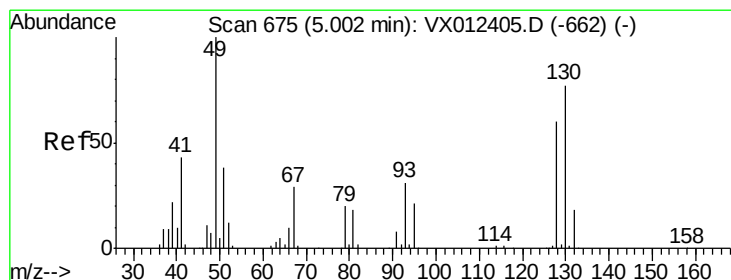
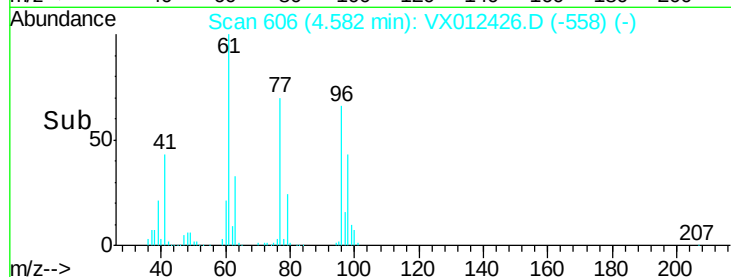
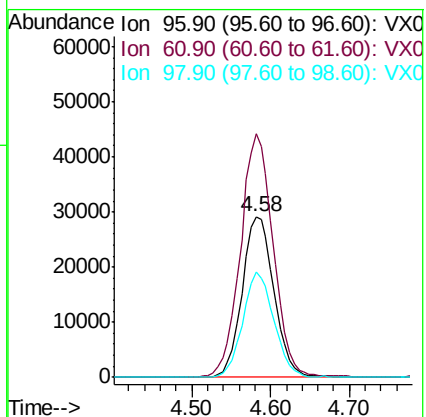
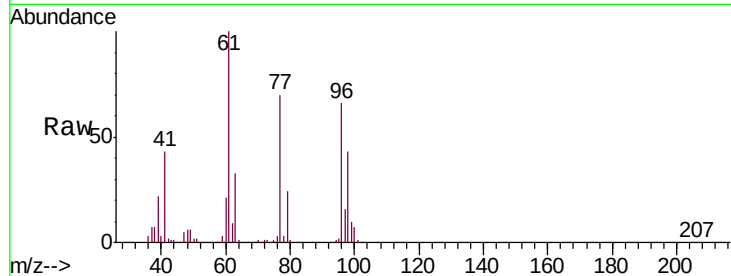
Tgt Ion: 96 Resp: 81883

Ion Ratio Lower Upper

96 100

61 156.4 0.0 307.6

98 63.9 0.0 129.8



#28

Bromochloromethane

Concen: 48.789 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

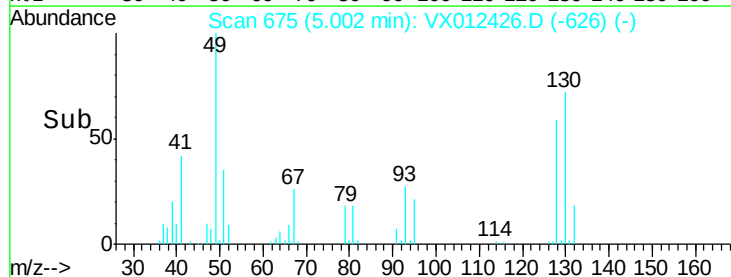
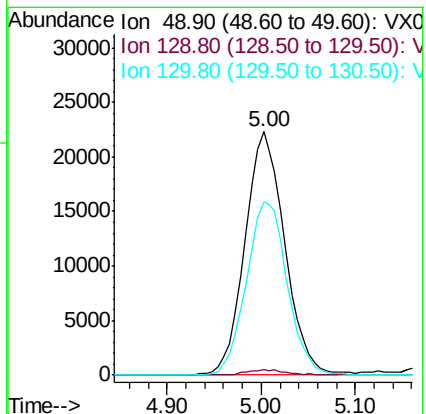
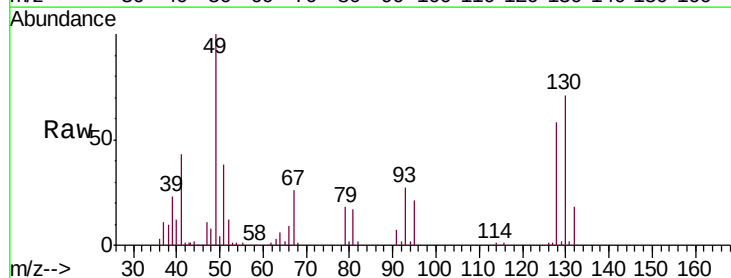
Tgt Ion: 49 Resp: 65938

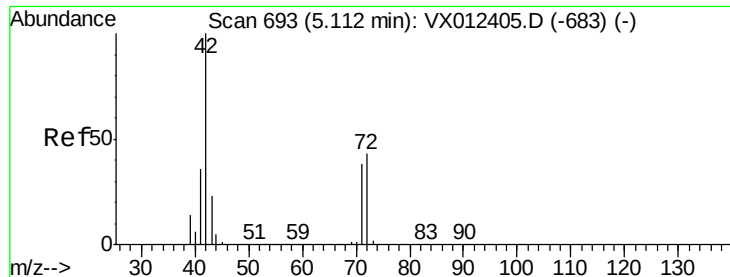
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 73.1 61.3 91.9





#29

Tetrahydrofuran

Concen: 273.449 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

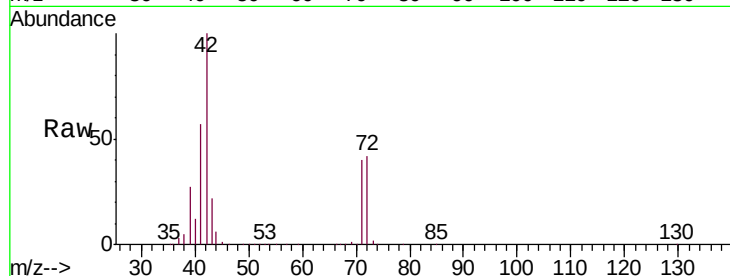
Tgt Ion: 42 Resp: 237343

Ion Ratio Lower Upper

42 100

72 42.3 34.9 52.3

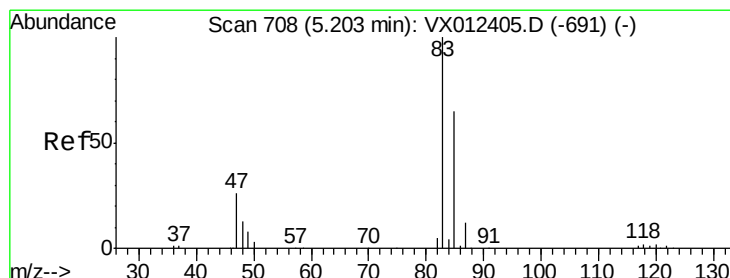
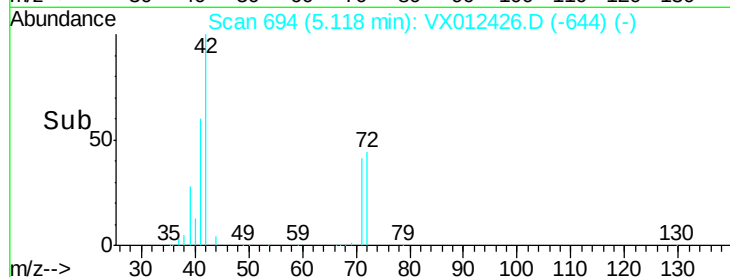
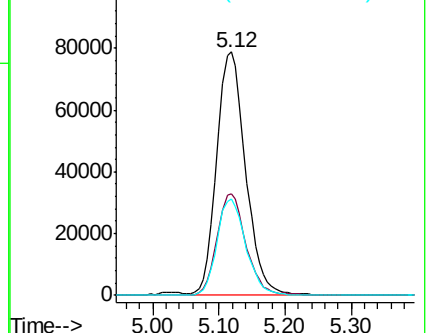
71 39.7 32.6 48.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.381 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012426.D

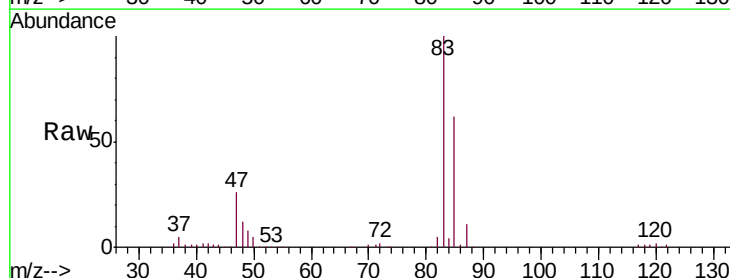
Acq: 16 Sep 2019 23:22

Tgt Ion: 83 Resp: 153638

Ion Ratio Lower Upper

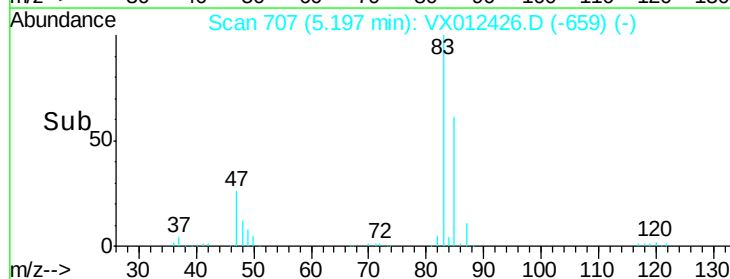
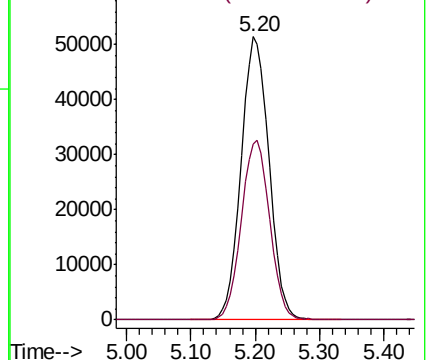
83 100

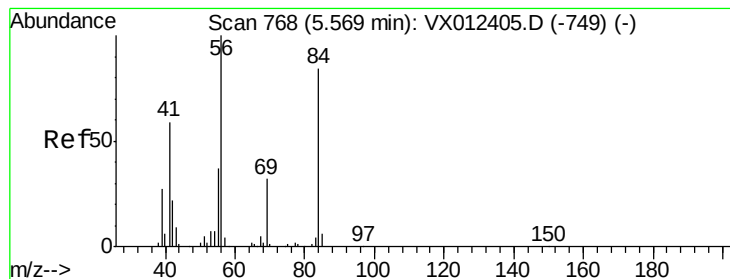
85 62.2 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 54.286 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

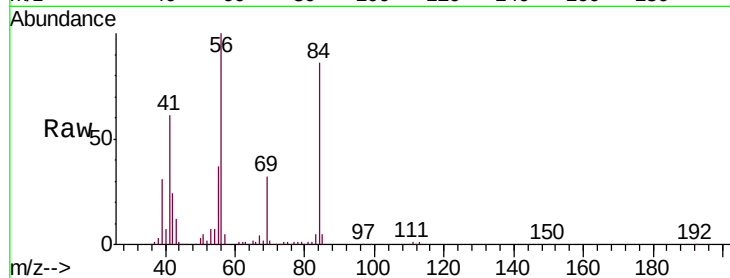
Tgt Ion: 56 Resp: 87224

Ion Ratio Lower Upper

56 100

69 31.6 24.9 37.3

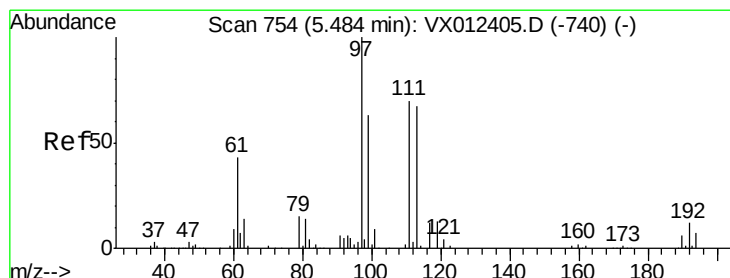
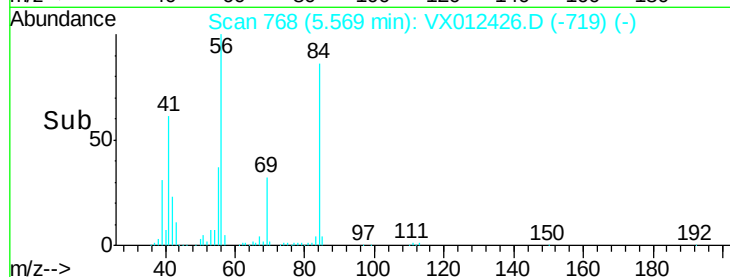
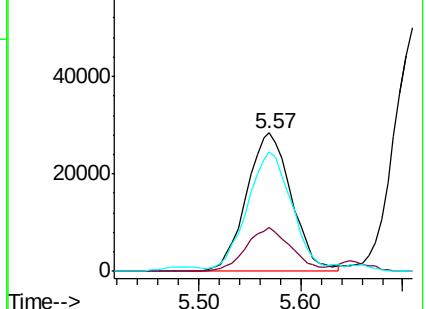
84 83.4 67.2 100.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.351 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

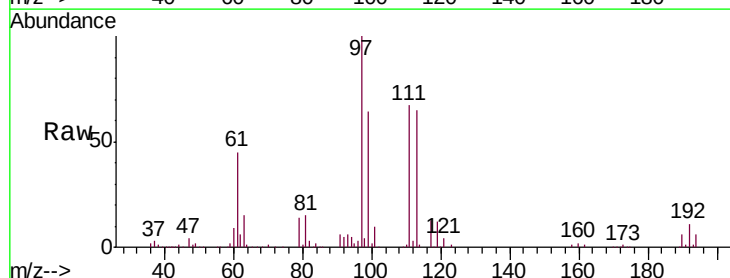
Tgt Ion: 97 Resp: 132615

Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

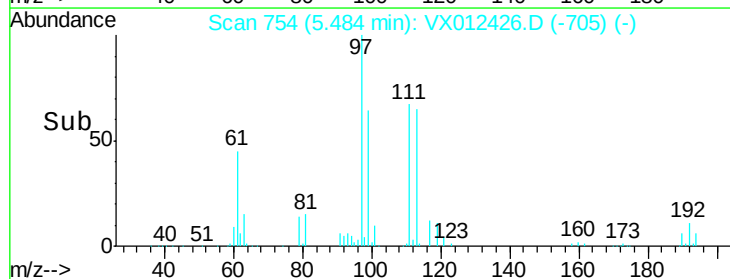
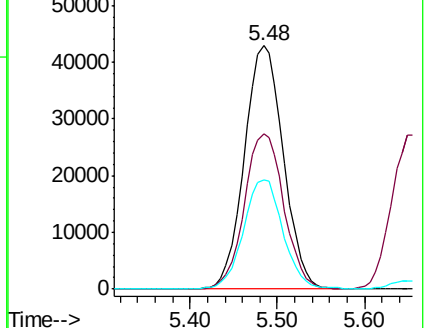
61 45.3 35.7 53.5

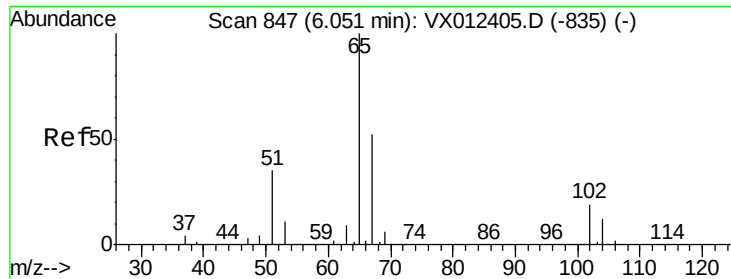


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

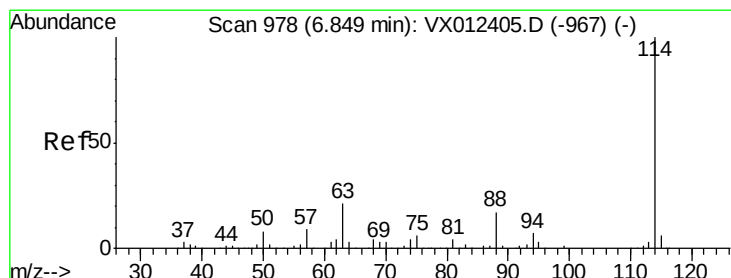
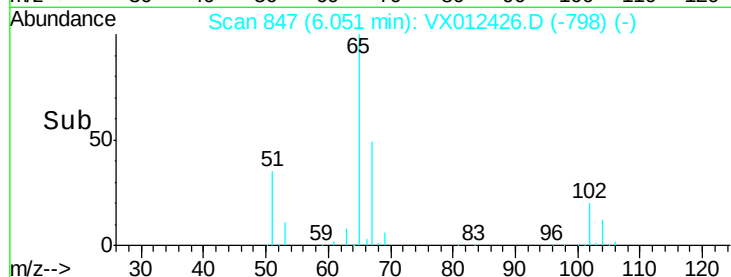
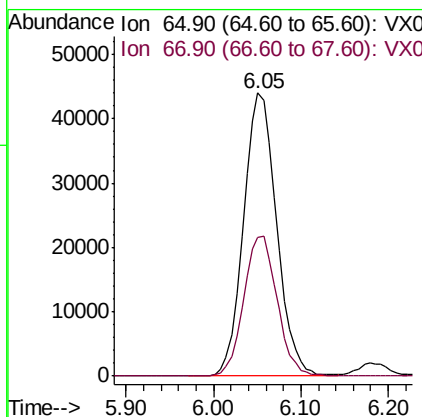
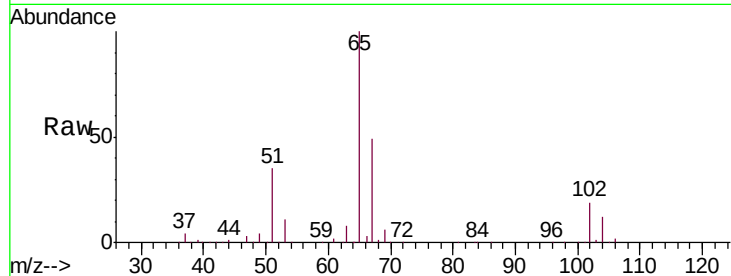




#33
 1,2-Dichloroethane-d4
 Concen: 49.456 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

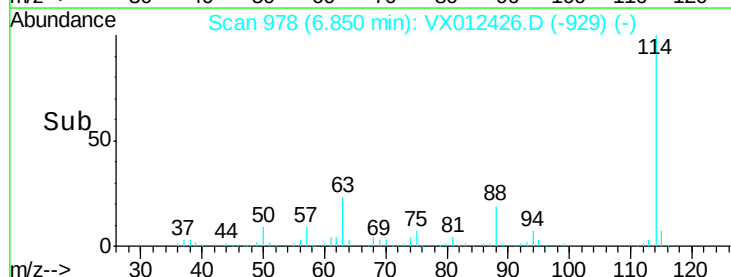
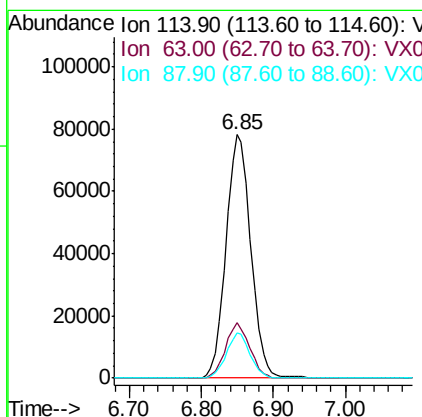
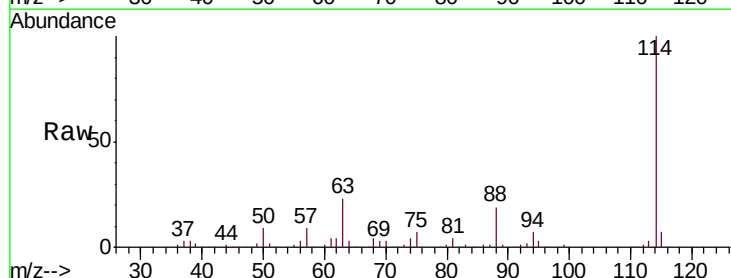
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

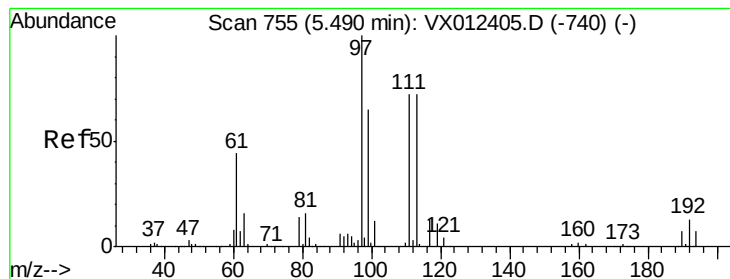
Tgt Ion: 65 Resp: 115662
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion: 114 Resp: 187766
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 42.4
 88 18.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 44.880 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

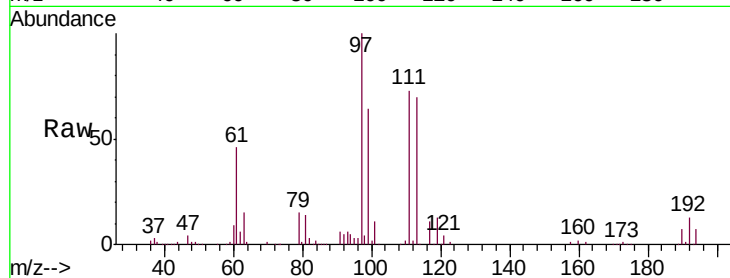
Tgt Ion:113 Resp: 81631

Ion Ratio Lower Upper

113 100

111 104.5 81.8 122.6

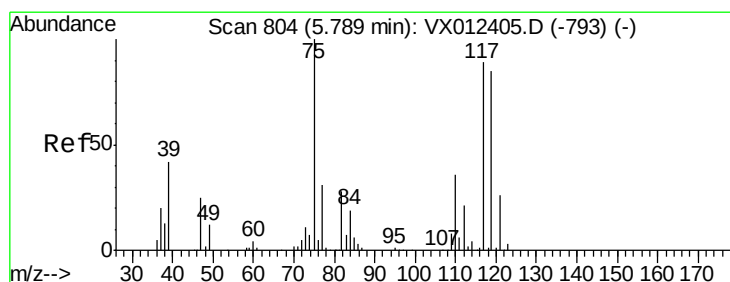
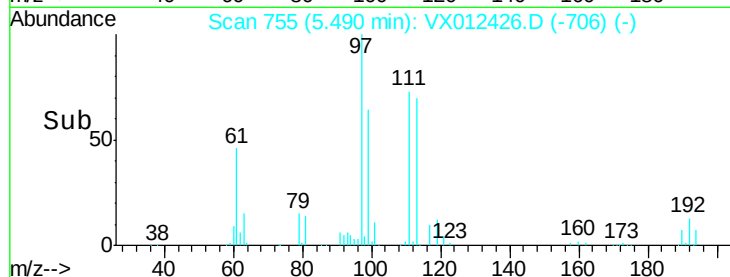
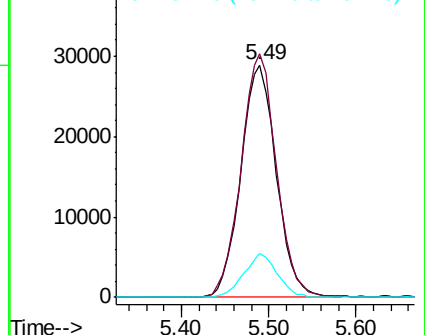
192 18.0 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.255 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

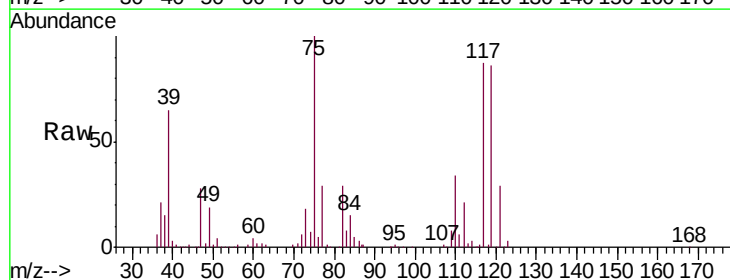
Tgt Ion: 75 Resp: 87198

Ion Ratio Lower Upper

75 100

110 34.6 17.4 52.2

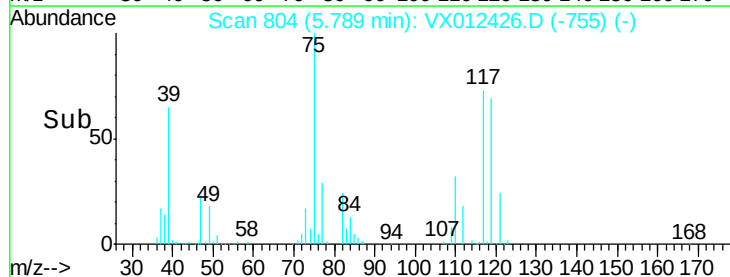
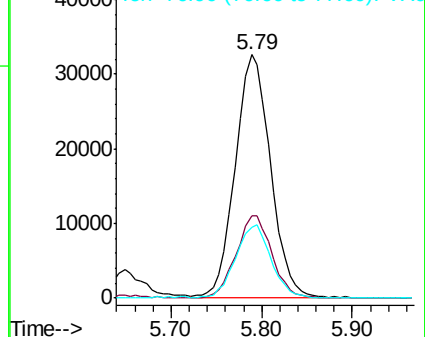
77 30.9 24.8 37.2

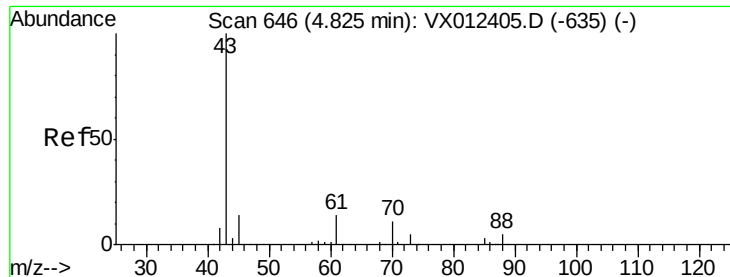


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

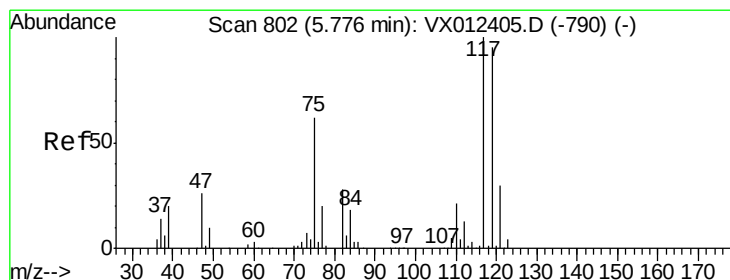
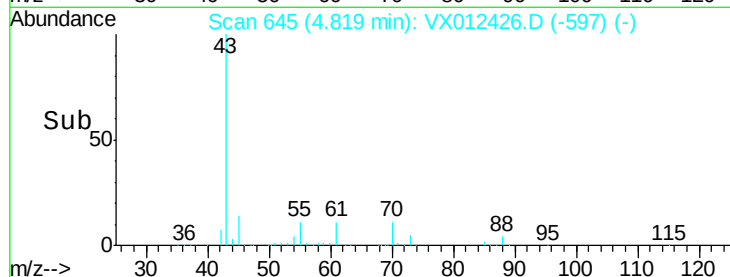
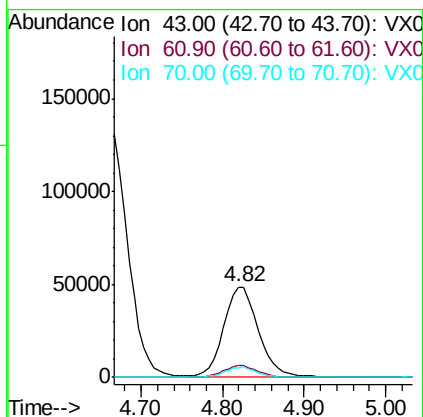
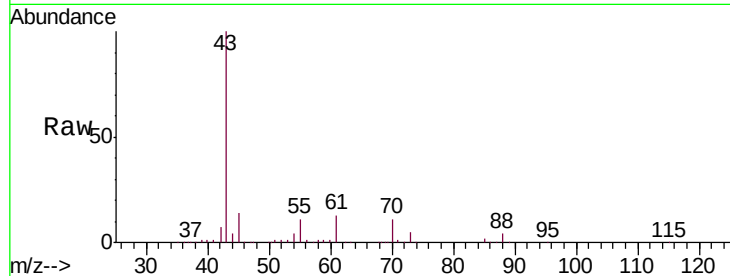




#37
 Ethyl Acetate
 Concen: 52.975 ug/l
 RT: 4.82 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

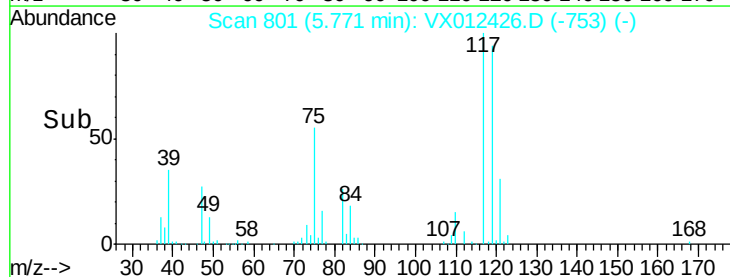
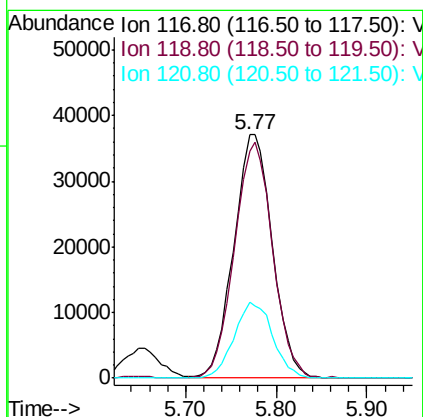
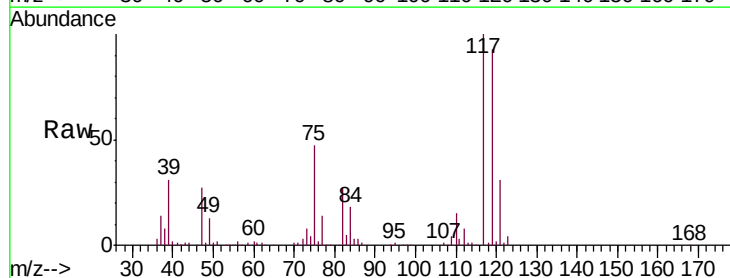
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

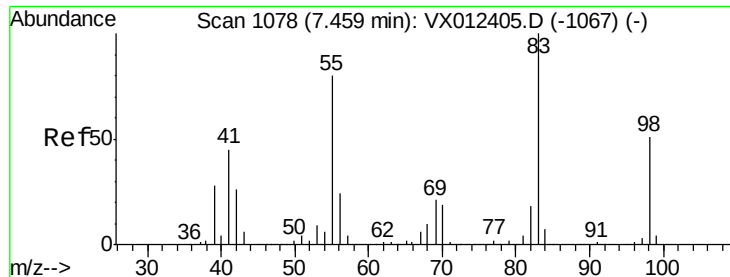
Tgt Ion: 43 Resp: 141523
 Ion Ratio Lower Upper
 43 100
 61 13.1 11.2 16.8
 70 11.1 9.0 13.6



#38
 Carbon Tetrachloride
 Concen: 51.605 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion: 117 Resp: 109273
 Ion Ratio Lower Upper
 117 100
 119 93.5 75.8 113.8
 121 31.3 23.8 35.6

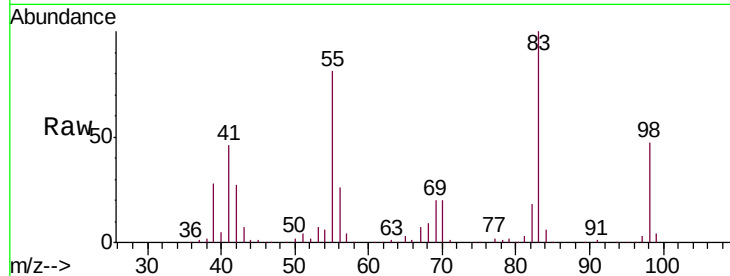




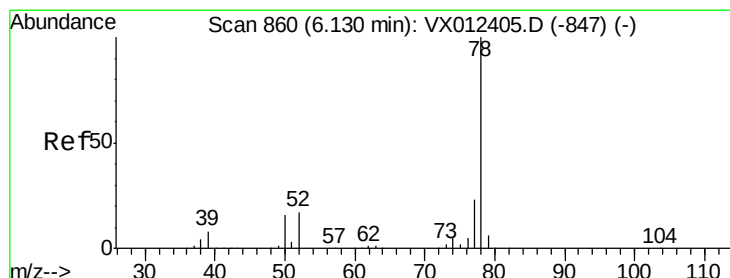
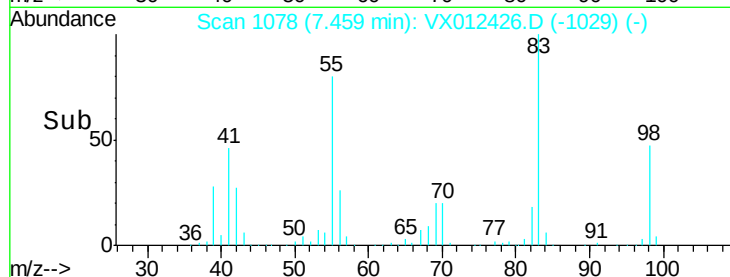
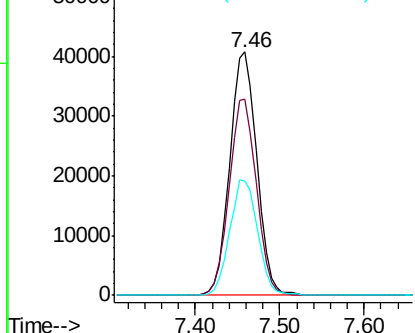
#39
Methylcyclohexane
Concen: 53.222 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 88702
Ion Ratio Lower Upper
83 100
55 80.6 63.8 95.6
98 47.0 40.6 61.0

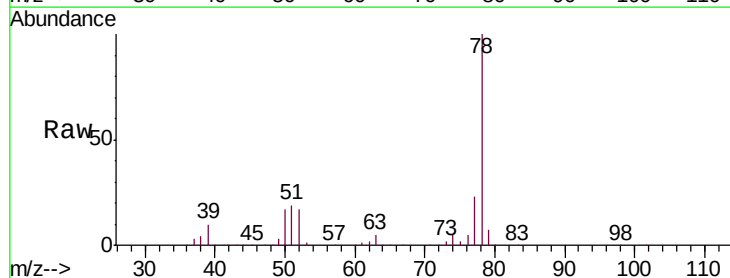


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

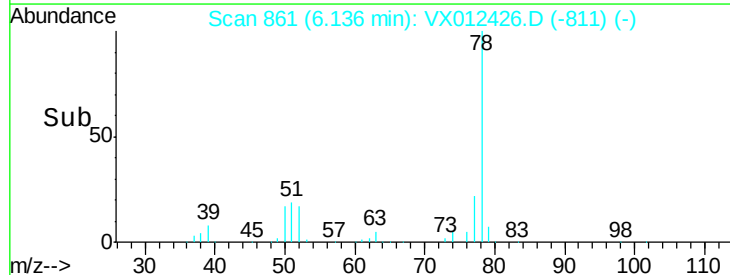
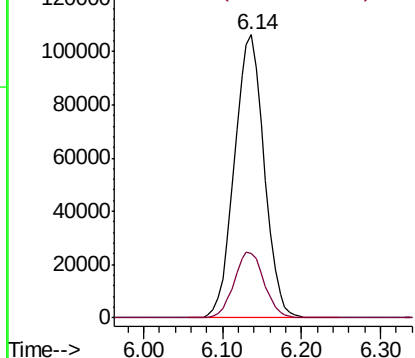


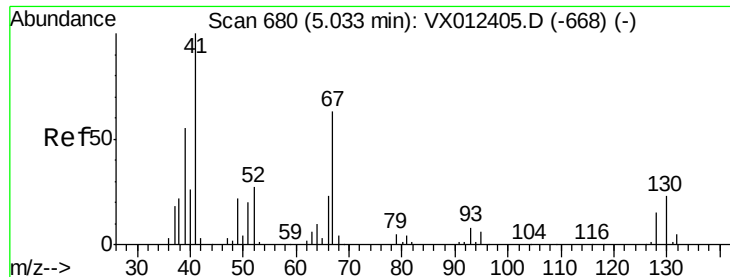
#40
Benzene
Concen: 52.182 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion: 78 Resp: 279000
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 53.875 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 82177

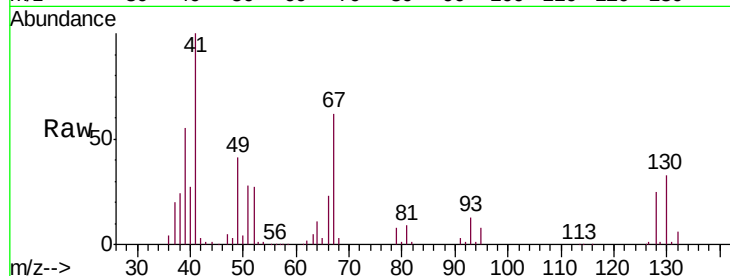
Ion Ratio Lower Upper

41 100

39 55.9 44.4 66.6

67 66.0 53.8 80.8

52 29.5 22.2 33.4

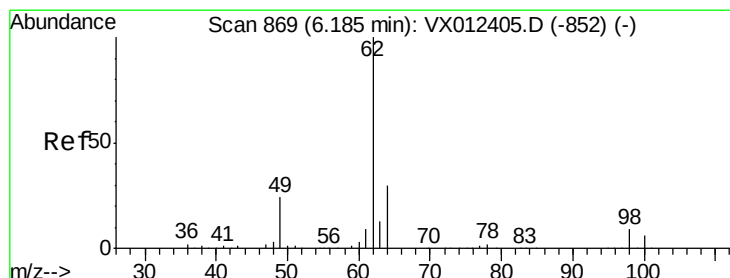
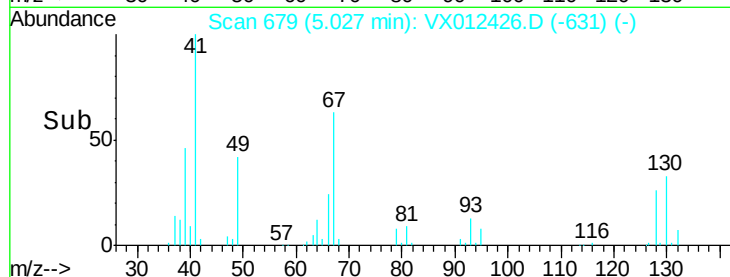
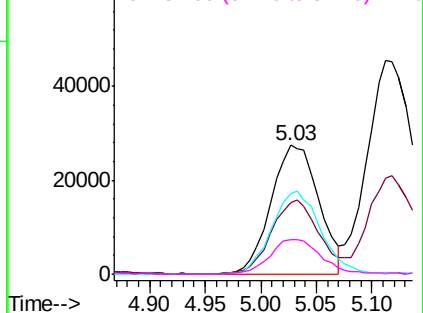


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.731 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012426.D

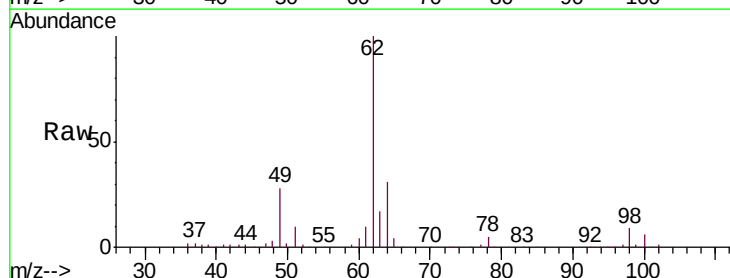
Acq: 16 Sep 2019 23:22

Tgt Ion: 62 Resp: 125932

Ion Ratio Lower Upper

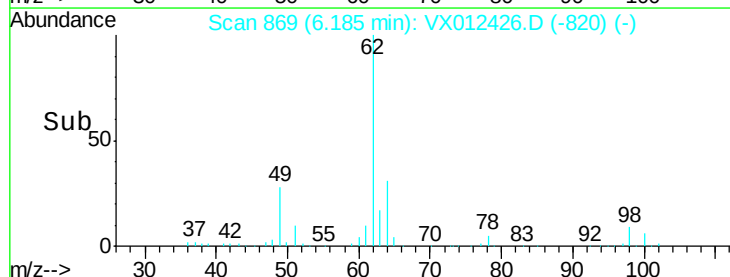
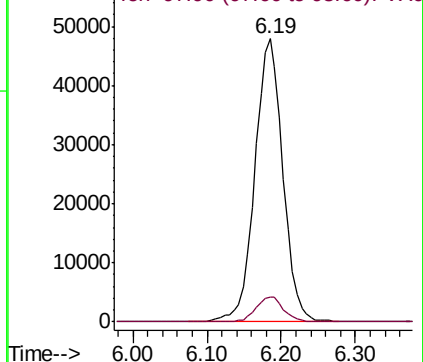
62 100

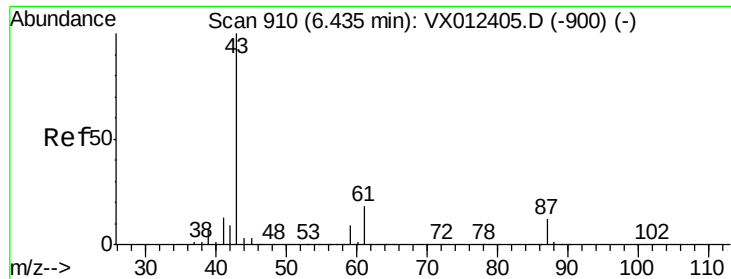
98 8.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.728 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

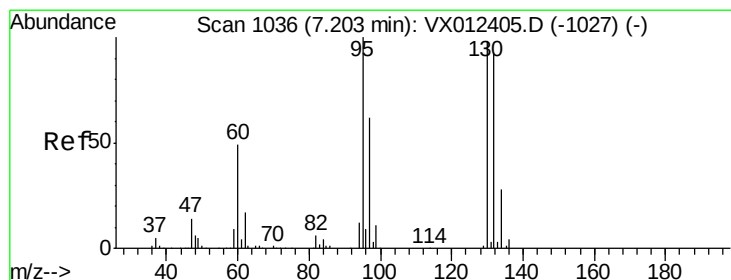
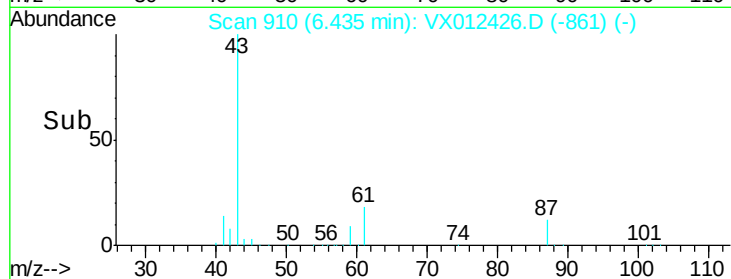
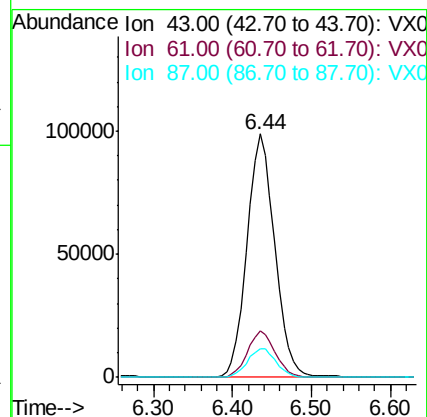
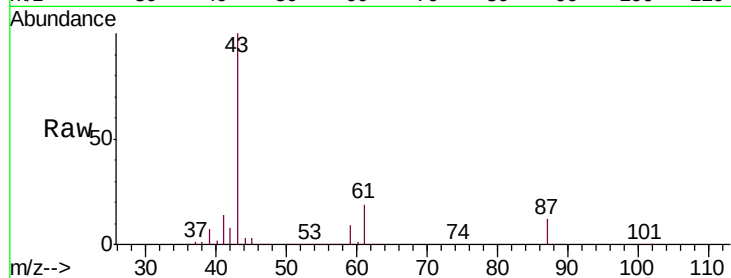
Tgt Ion: 43 Resp: 241688

Ion Ratio Lower Upper

43 100

61 19.0 15.5 23.3

87 12.3 10.0 15.0



#44

Trichloroethene

Concen: 50.350 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012426.D

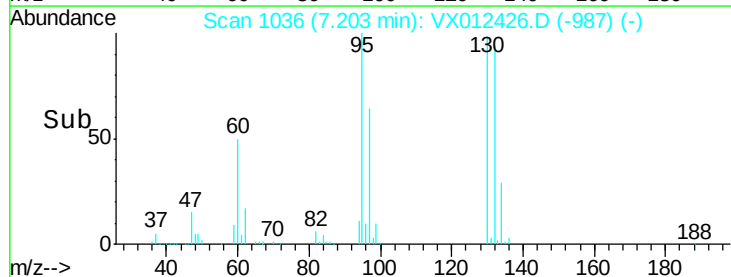
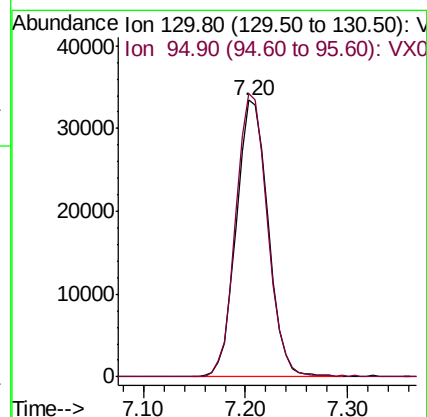
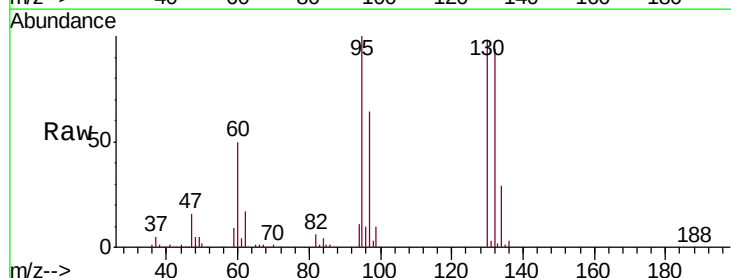
Acq: 16 Sep 2019 23:22

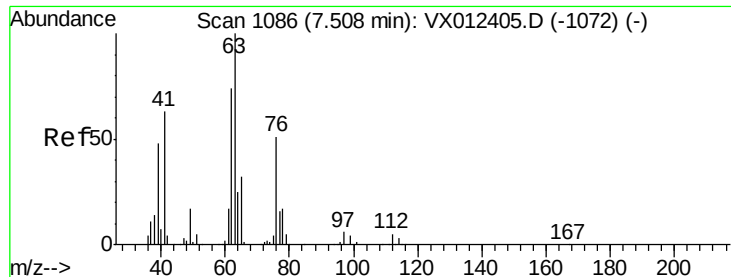
Tgt Ion: 130 Resp: 72302

Ion Ratio Lower Upper

130 100

95 102.4 0.0 203.2





#45

1,2-Dichloropropane

Concen: 51.142 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

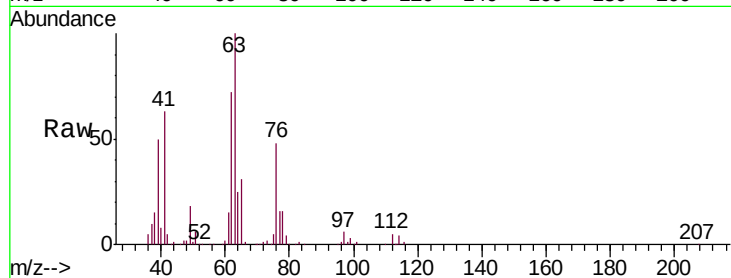
VSTDCCC050EC

Tgt Ion: 63 Resp: 83565

Ion Ratio Lower Upper

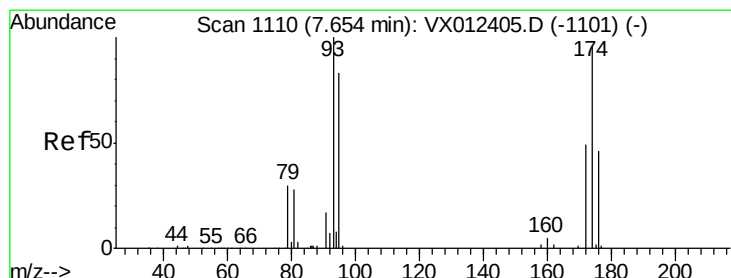
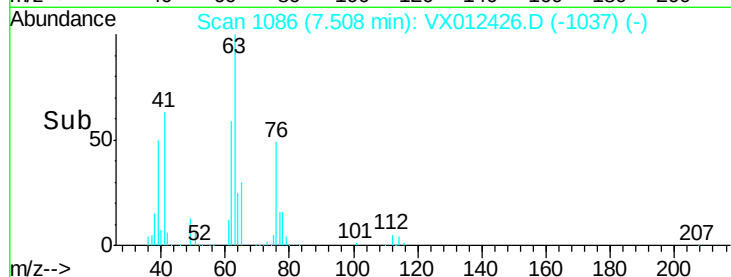
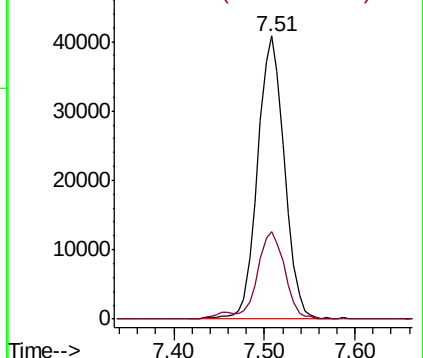
63 100

65 31.1 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.539 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

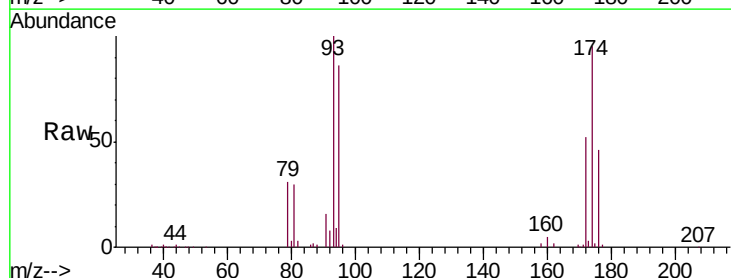
Tgt Ion: 93 Resp: 54001

Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.2

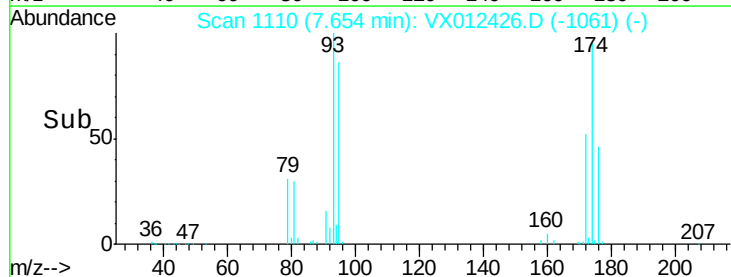
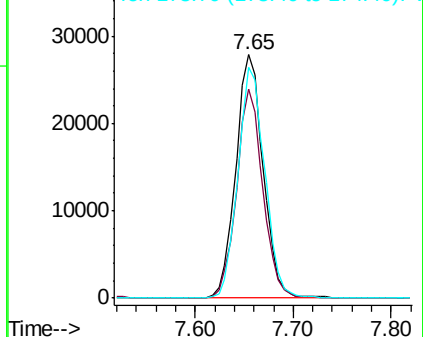
174 93.3 78.6 118.0

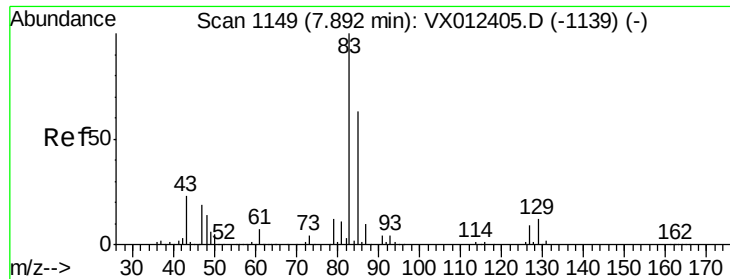


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.213 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

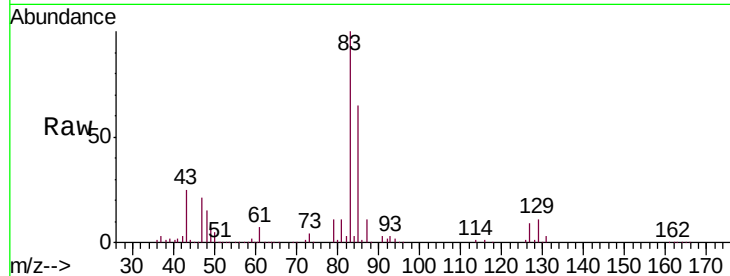
Tgt Ion: 83 Resp: 124634

Ion Ratio Lower Upper

83 100

85 65.4 50.2 75.4

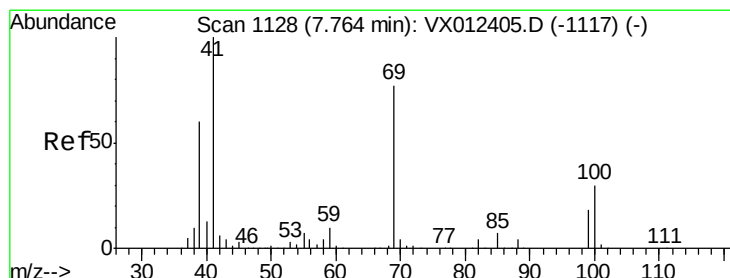
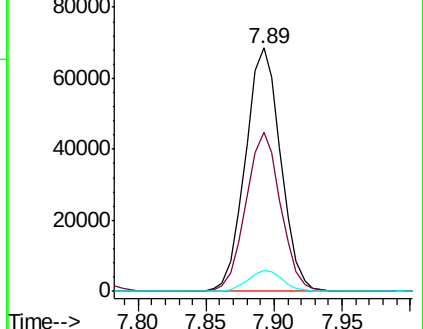
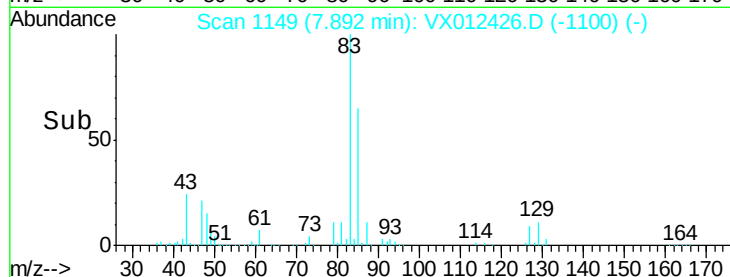
127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.304 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

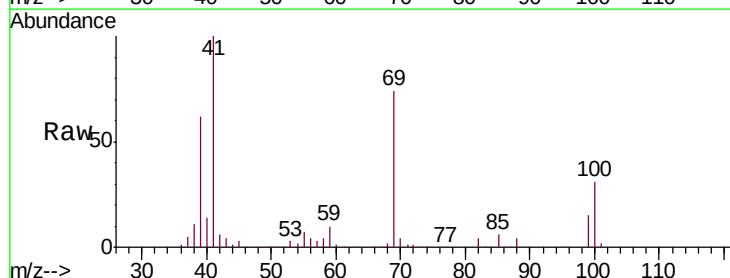
Tgt Ion: 41 Resp: 114384

Ion Ratio Lower Upper

41 100

69 75.0 61.6 92.4

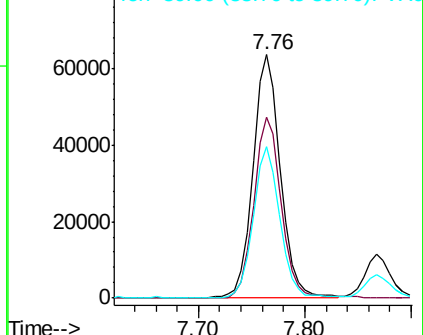
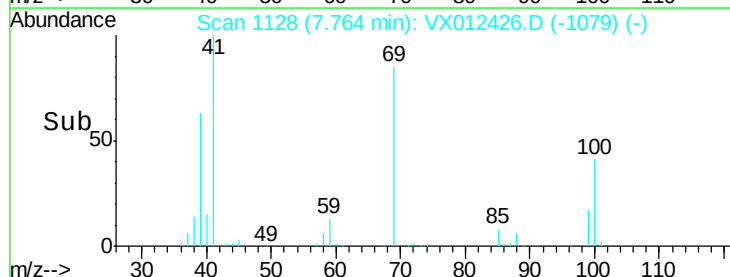
39 60.6 47.6 71.4

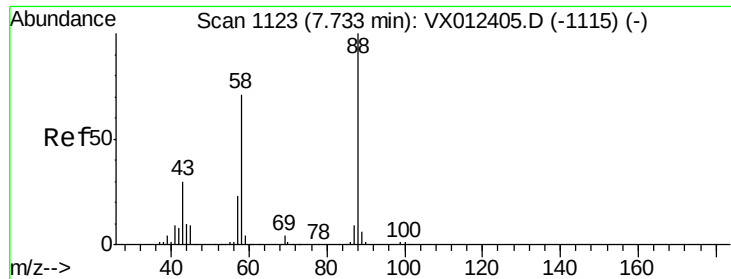


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

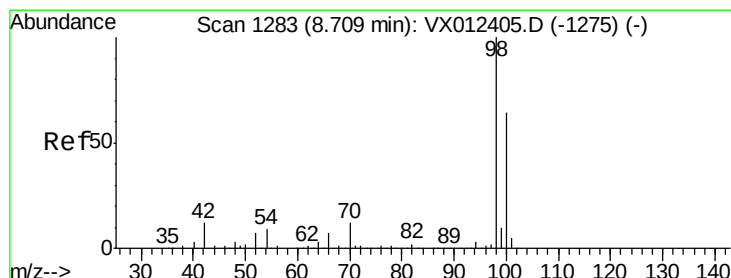
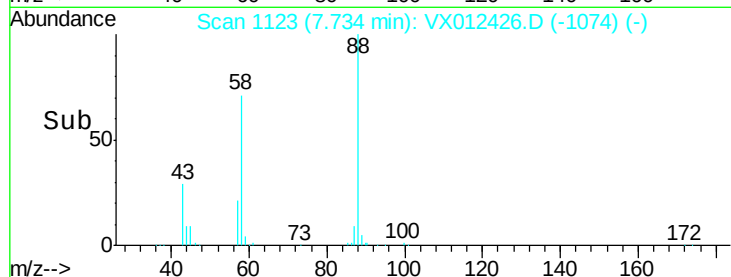
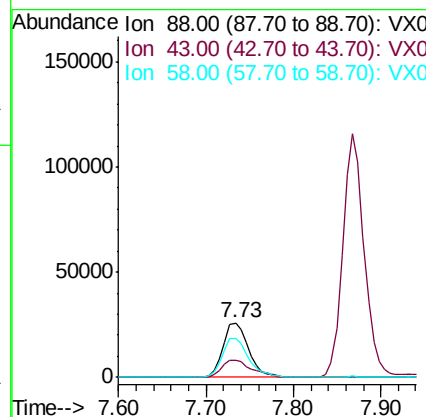
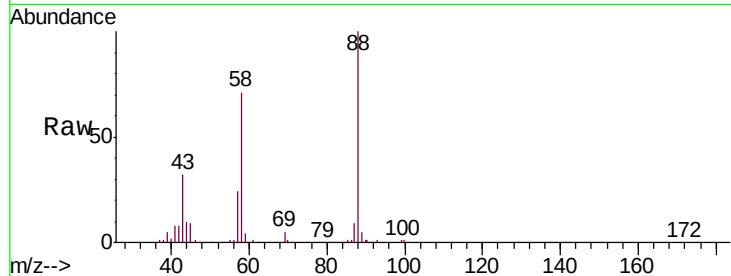




#49
 1,4-Dioxane
 Concen: 996.948 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

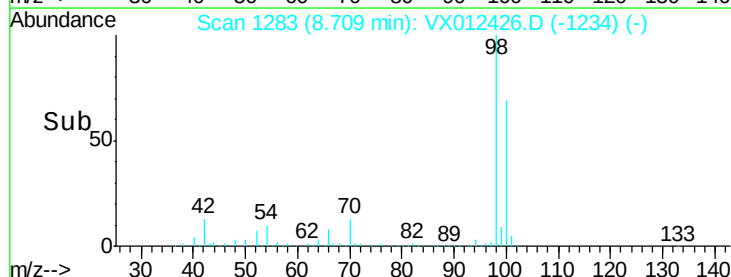
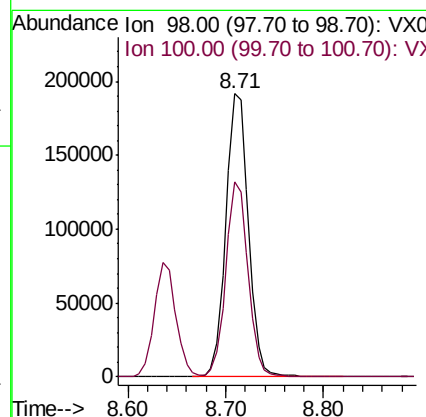
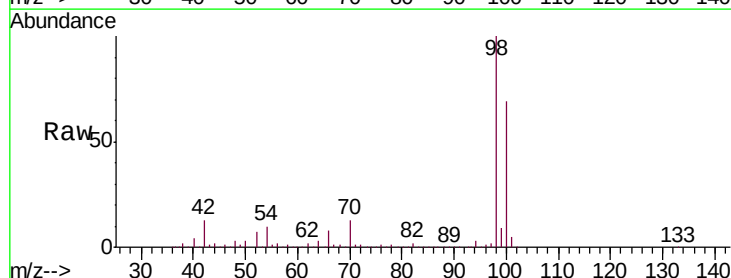
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

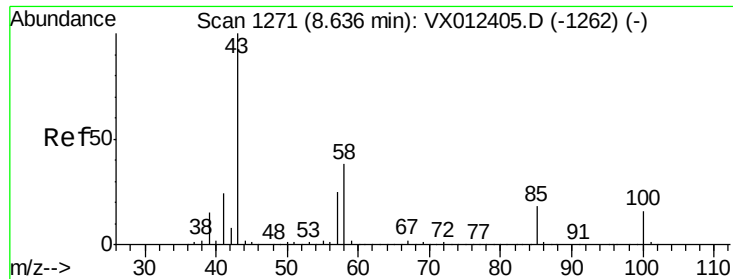
Tgt Ion: 88 Resp: 52139
 Ion Ratio Lower Upper
 88 100
 43 36.8 26.6 39.8
 58 74.5 57.1 85.7



#50
 Toluene-d8
 Concen: 47.611 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion: 98 Resp: 307302
 Ion Ratio Lower Upper
 98 100
 100 68.0 54.4 81.6





#51

4-Methyl-2-Pentanone

Concen: 265.823 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

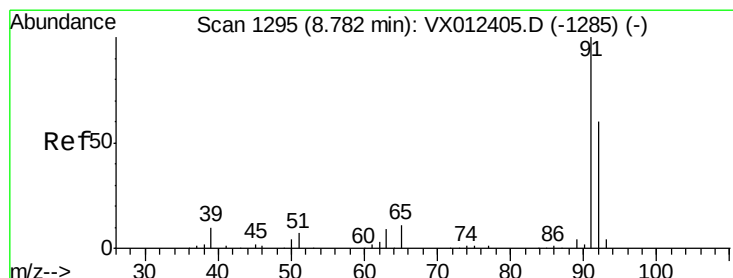
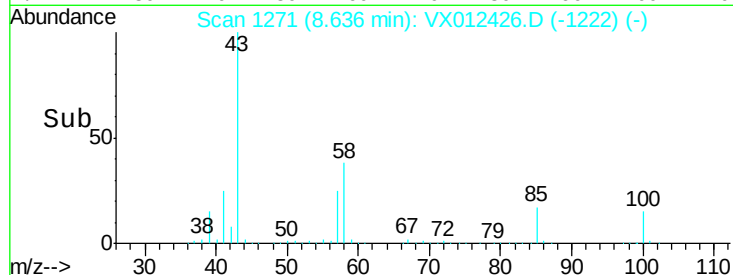
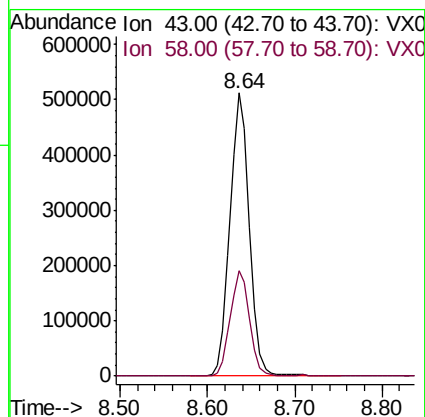
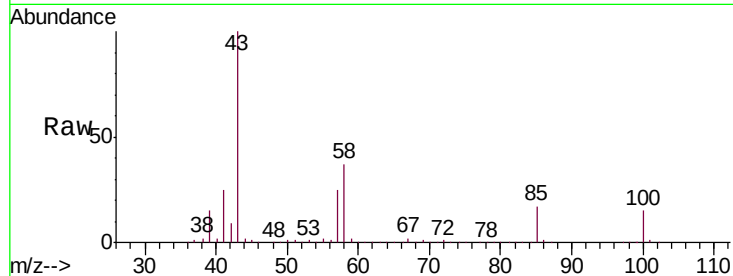
VSTDCCC050EC

Tgt Ion: 43 Resp: 789516

Ion Ratio Lower Upper

43 100

58 37.0 30.2 45.4



#52

Toluene

Concen: 51.670 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012426.D

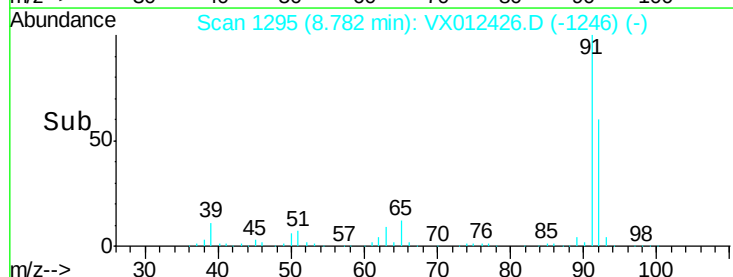
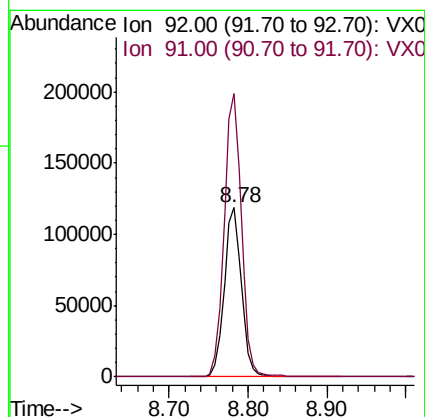
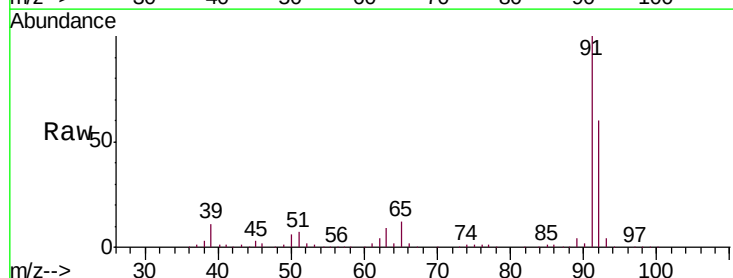
Acq: 16 Sep 2019 23:22

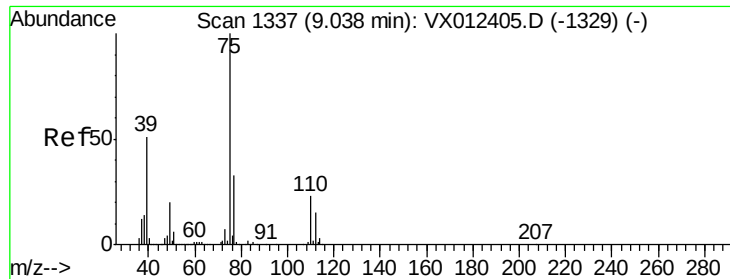
Tgt Ion: 92 Resp: 179831

Ion Ratio Lower Upper

92 100

91 168.9 133.3 199.9

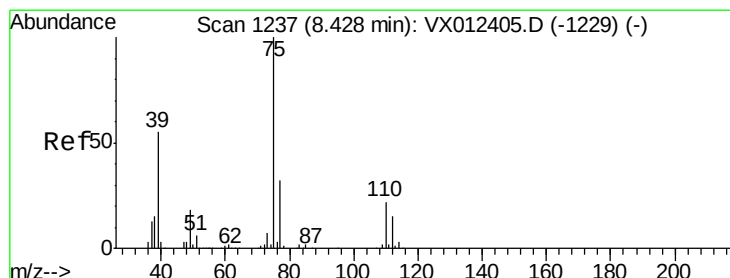
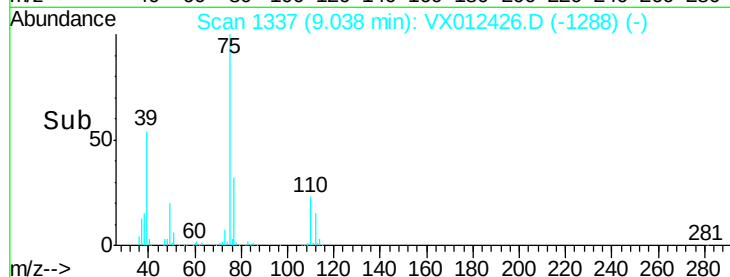
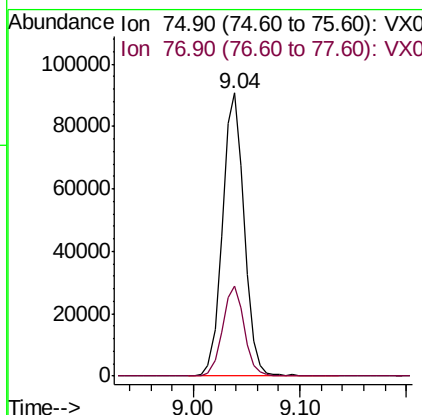
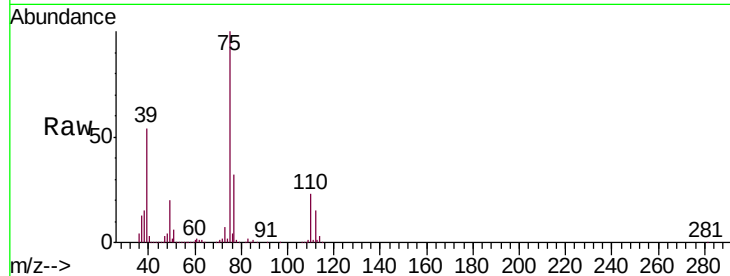




#53
t-1,3-Dichloropropene
Concen: 51.355 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

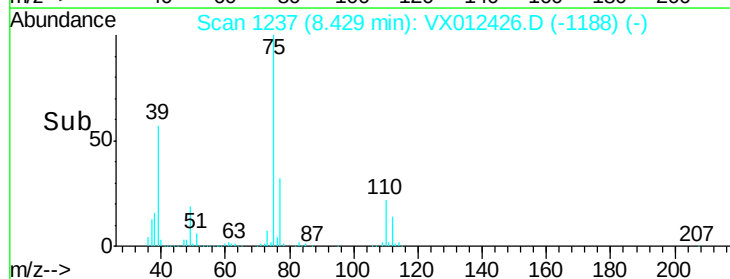
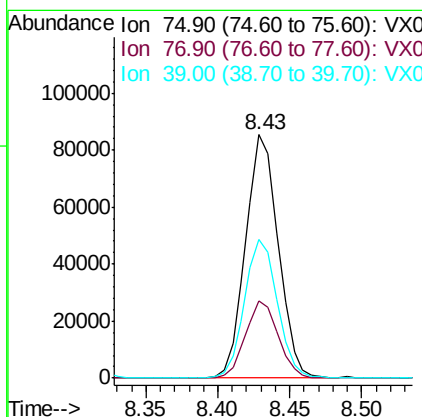
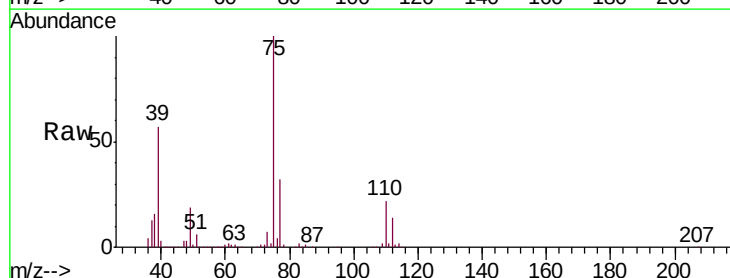
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

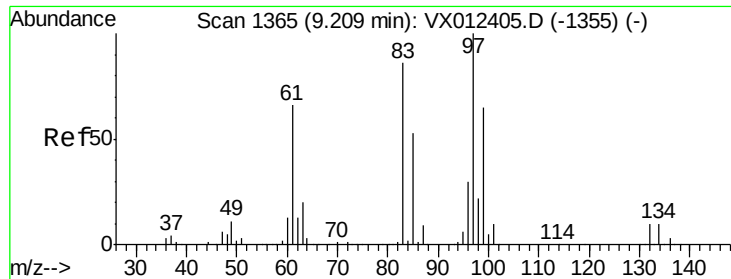
Tgt Ion: 75 Resp: 129609
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 51.398 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion: 75 Resp: 134086
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 56.8 43.8 65.8

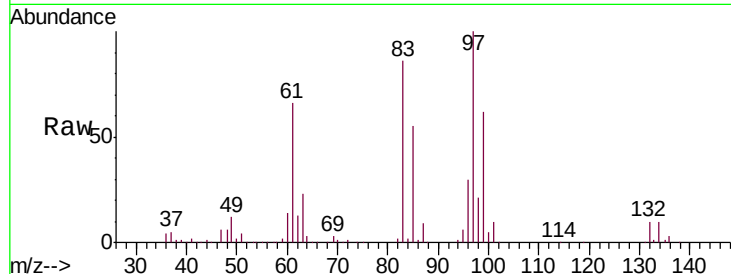




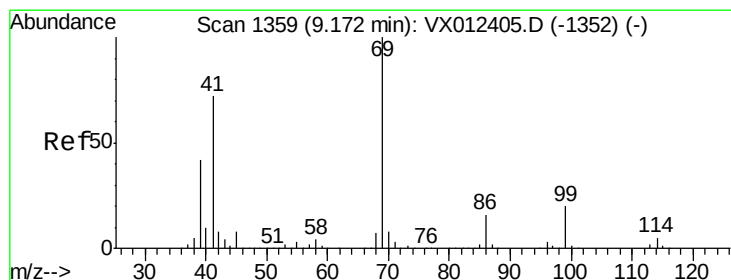
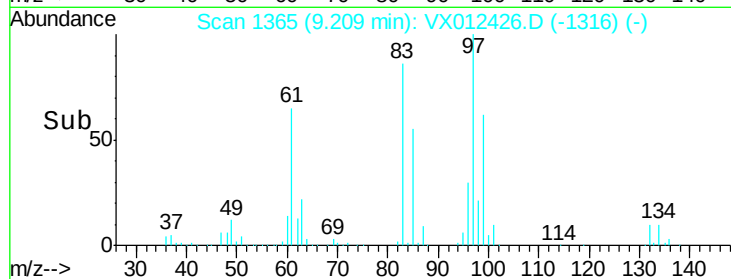
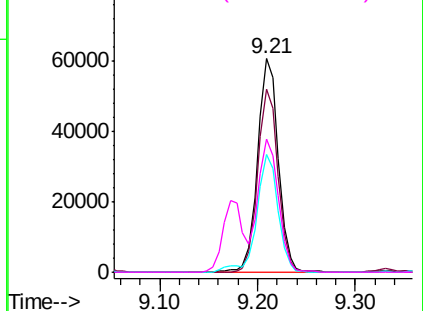
#55
 1,1,2-Trichloroethane
 Concen: 48.843 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	89324
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.5	102.7
85	55.0	42.6	64.0
99	62.4	52.5	78.7

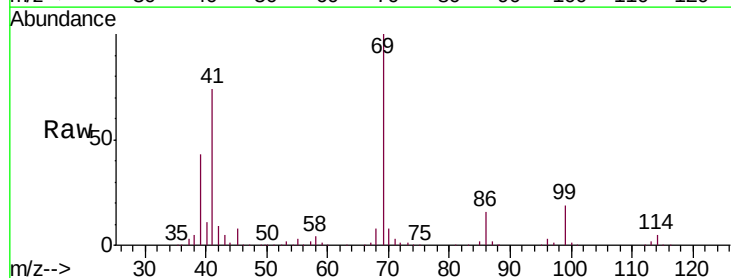


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

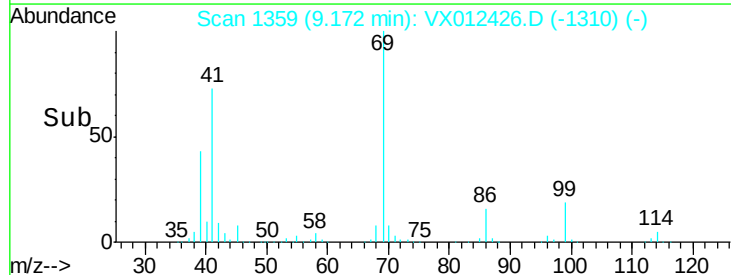
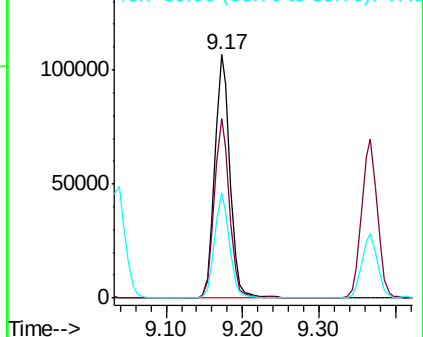


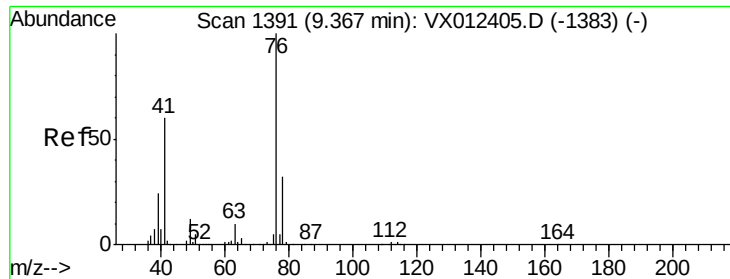
#56
 Ethyl methacrylate
 Concen: 53.496 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion:	69	Resp:	147190
Ion	Ratio	Lower	Upper
69	100		
41	73.1	57.0	85.6
39	42.2	32.6	49.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

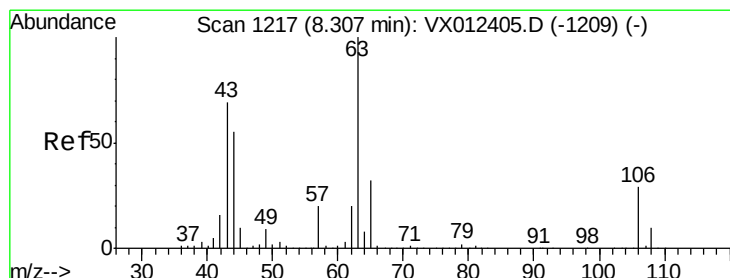
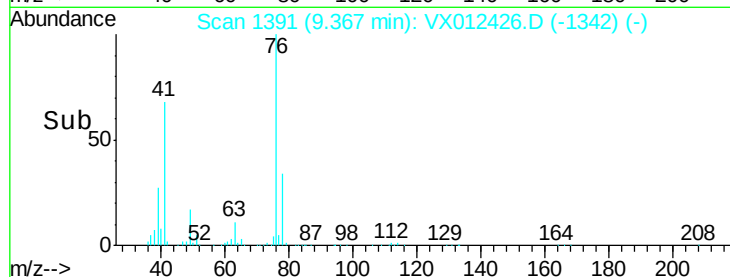
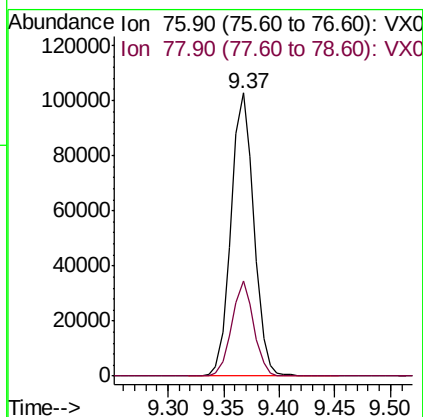
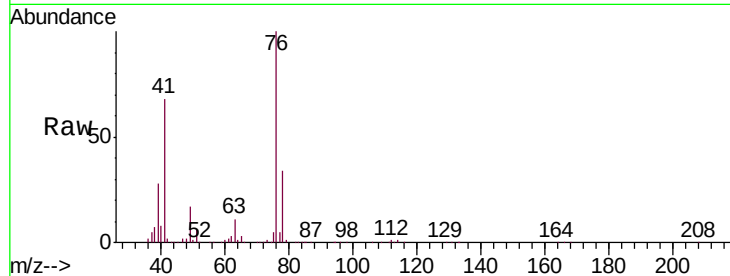




#57
 1,3-Dichloropropane
 Concen: 50.227 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

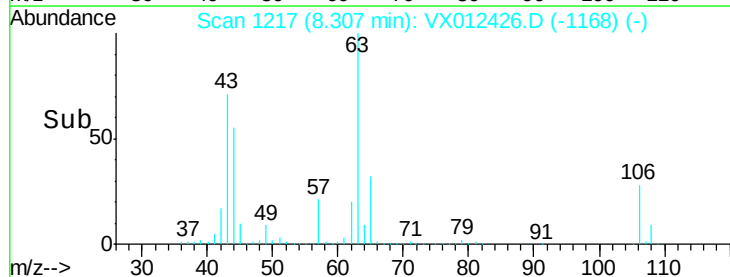
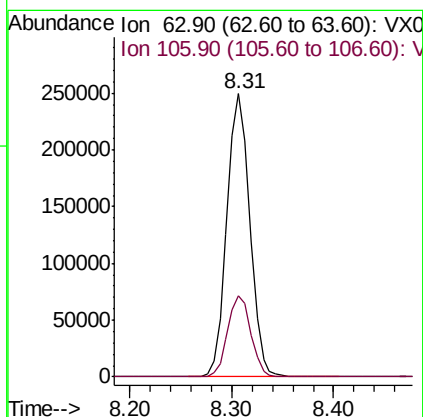
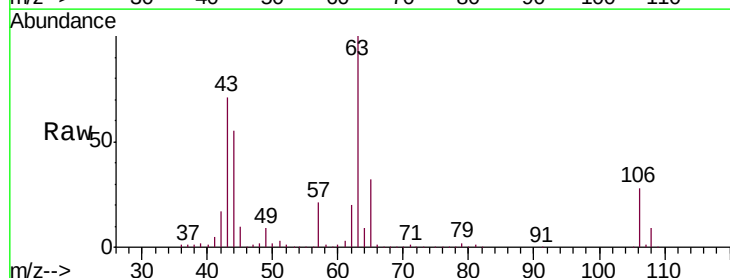
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

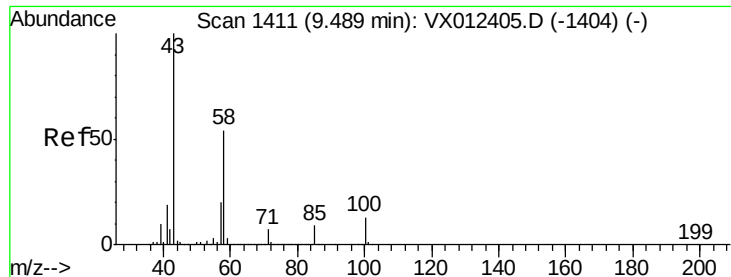
Tgt Ion: 76 Resp: 145907
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.583 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion: 63 Resp: 387380
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.8 35.8

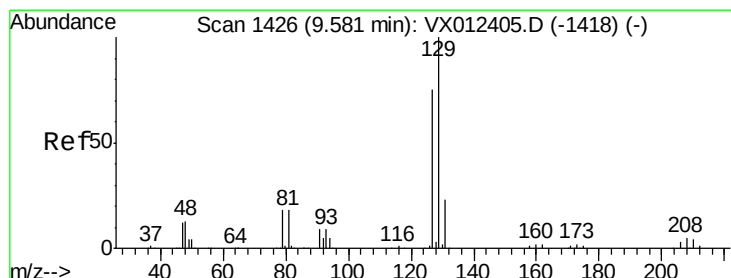
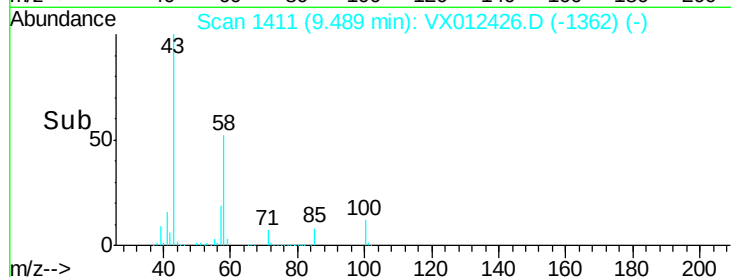
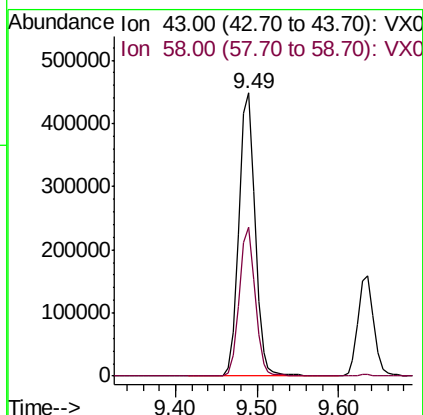
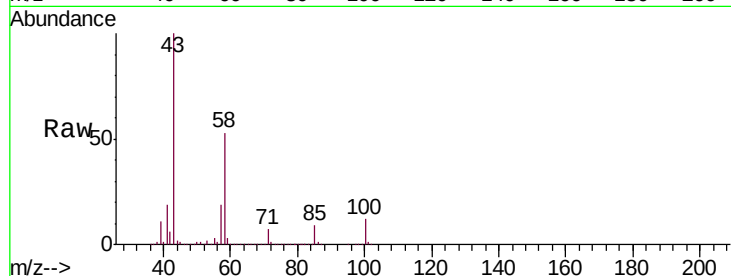




#59
2-Hexanone
Concen: 265.280 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

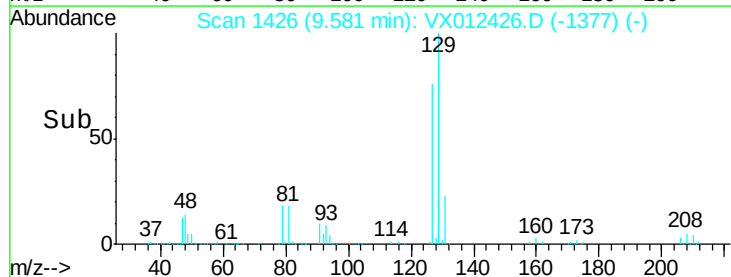
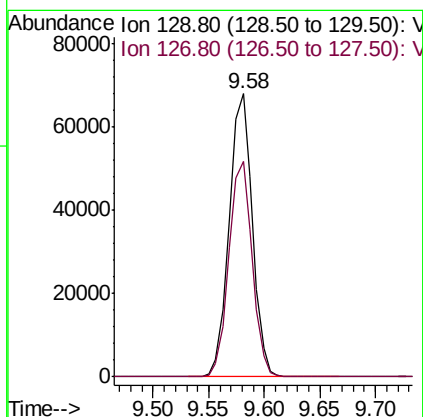
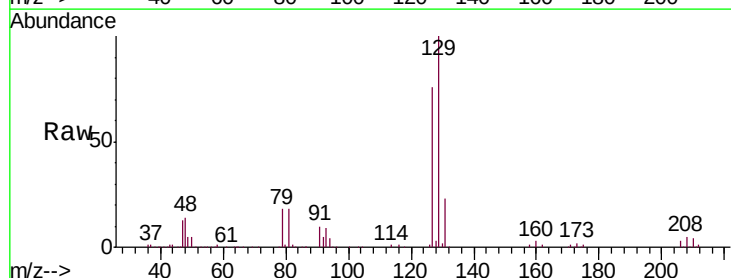
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

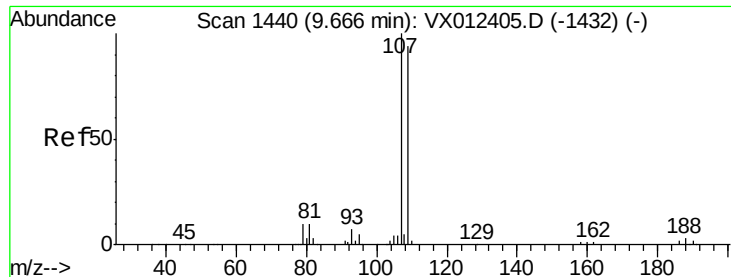
Tgt Ion: 43 Resp: 607425
Ion Ratio Lower Upper
43 100
58 51.6 26.4 79.0



#60
Dibromochloromethane
Concen: 46.689 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion: 129 Resp: 97790
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 50.596 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

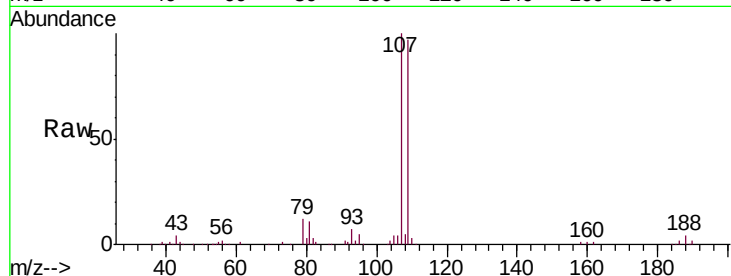
VSTDCCC050EC

Tgt Ion: 107 Resp: 85116

Ion Ratio Lower Upper

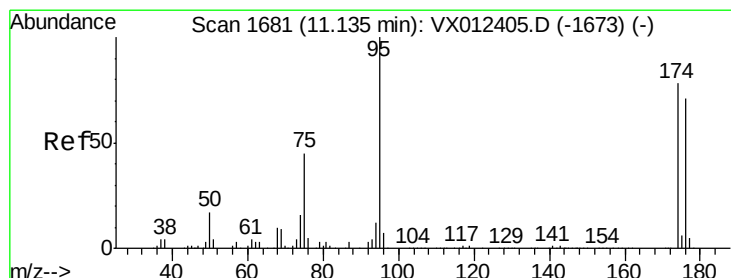
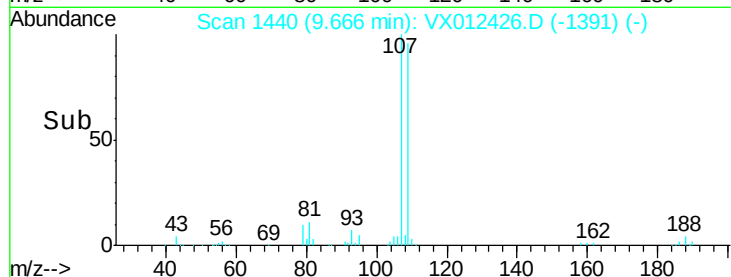
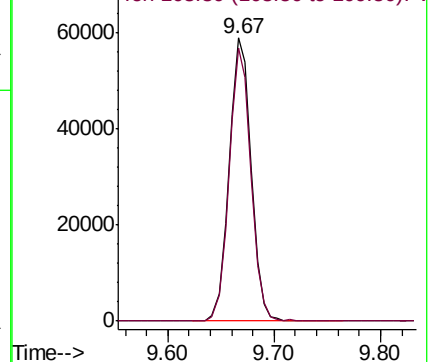
107 100

109 95.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.301 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

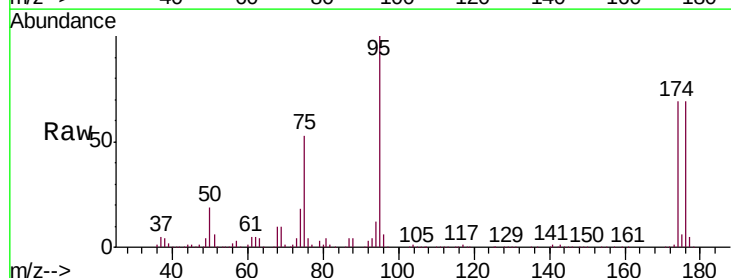
Tgt Ion: 95 Resp: 125731

Ion Ratio Lower Upper

95 100

174 67.7 0.0 146.0

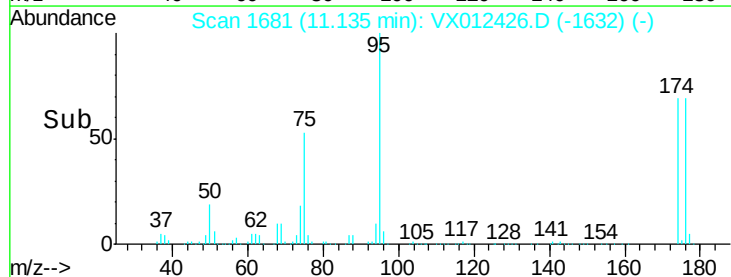
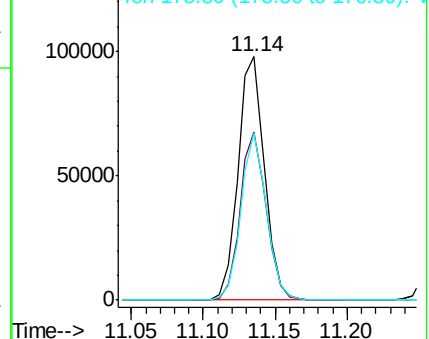
176 66.1 0.0 137.6

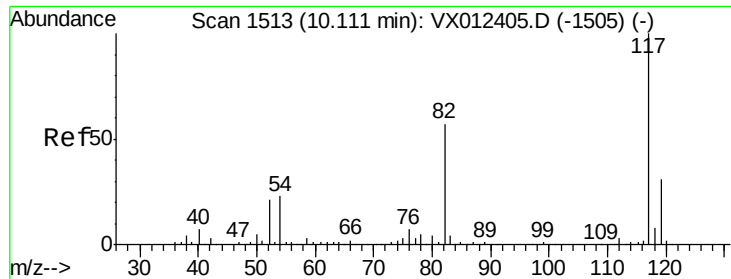


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

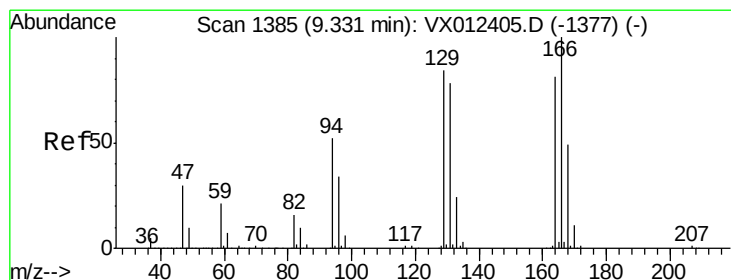
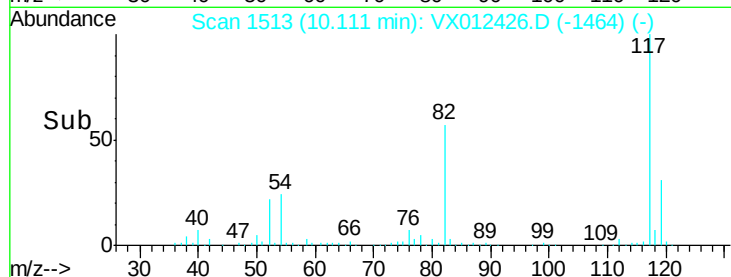
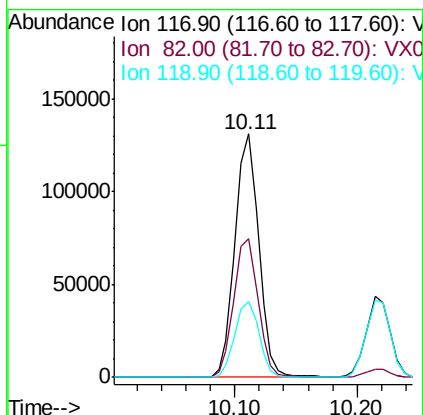
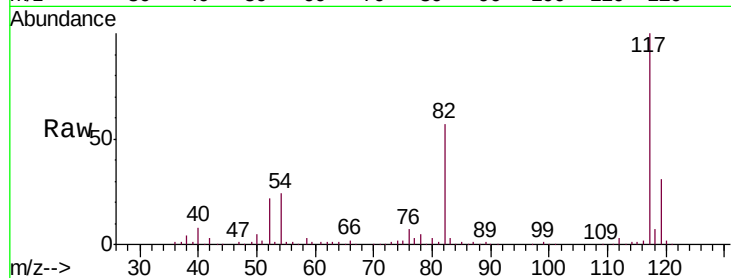




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

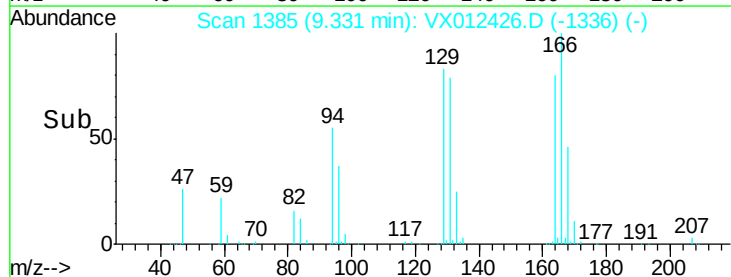
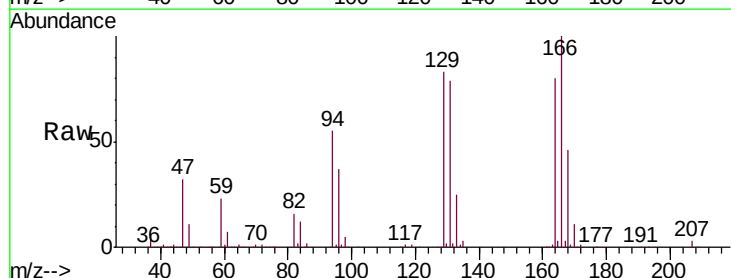
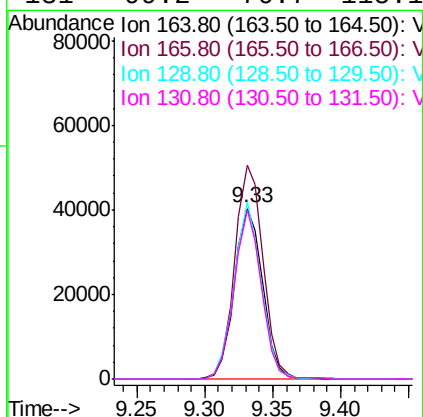
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

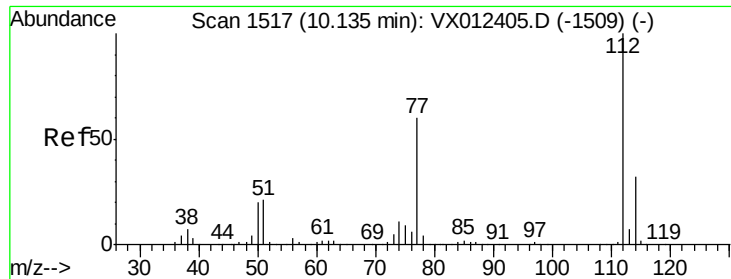
Tgt Ion:117 Resp: 176855
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.6
119 31.2 24.9 37.3



#64
Tetrachloroethene
Concen: 50.013 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion:164 Resp: 58652
Ion Ratio Lower Upper
164 100
166 125.2 98.2 147.4
129 103.4 82.6 123.8
131 99.2 76.7 115.1





#65

Chlorobenzene

Concen: 50.611 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

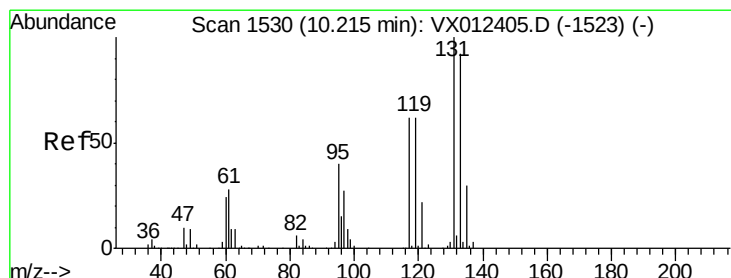
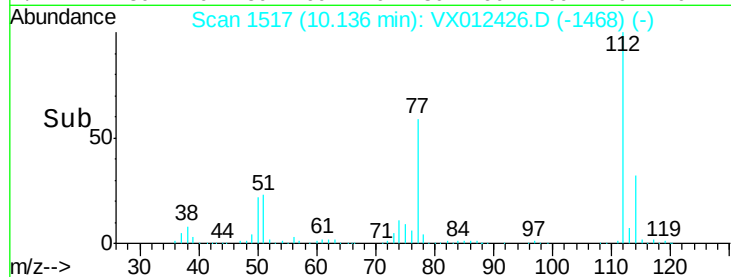
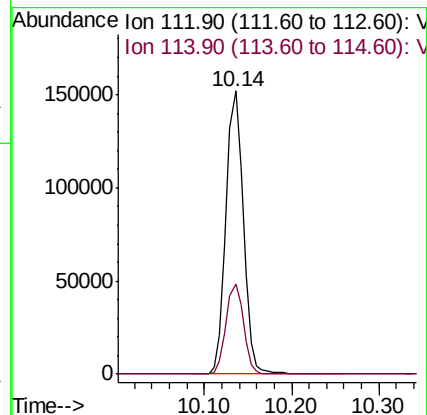
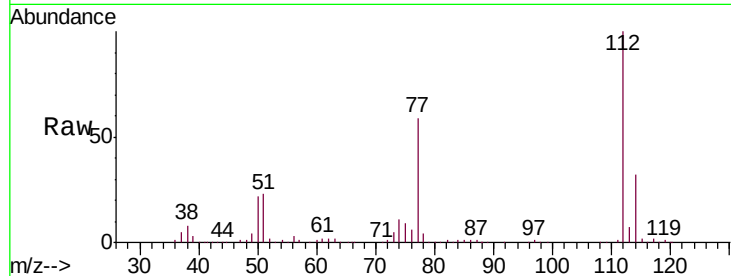
VSTDCCC050EC

Tgt Ion:112 Resp: 208984

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 51.284 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

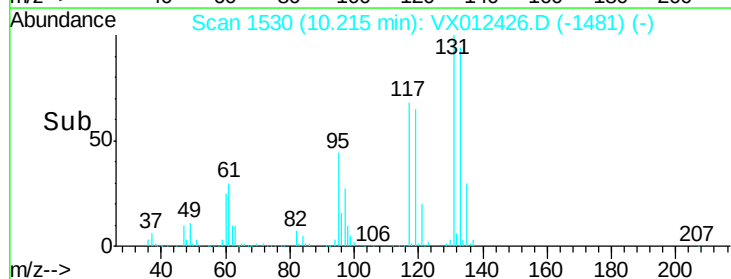
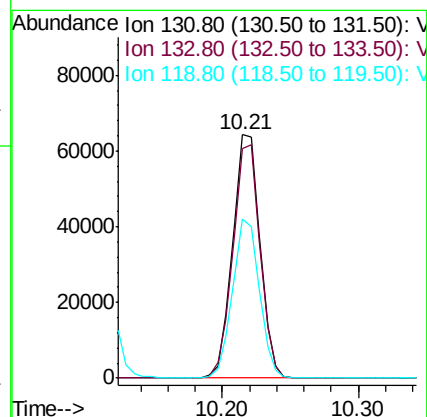
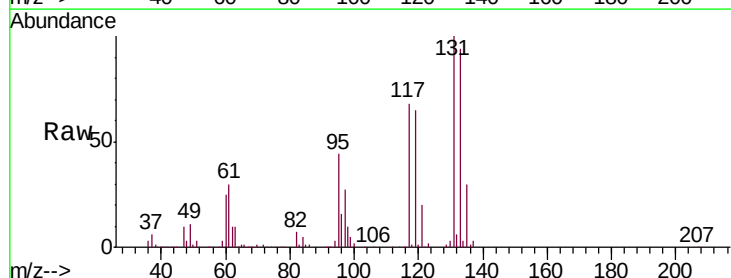
Tgt Ion:131 Resp: 89844

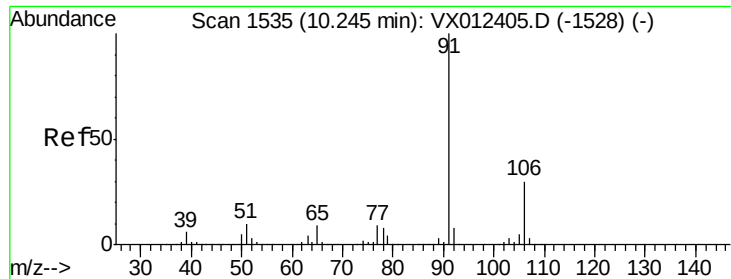
Ion Ratio Lower Upper

131 100

133 95.5 48.4 145.0

119 64.7 31.6 94.7

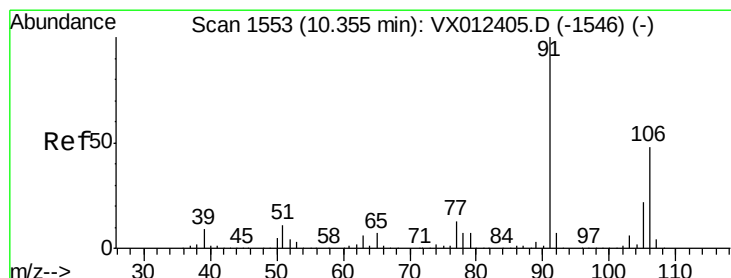
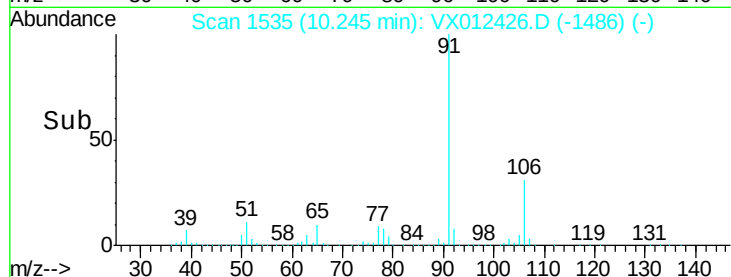
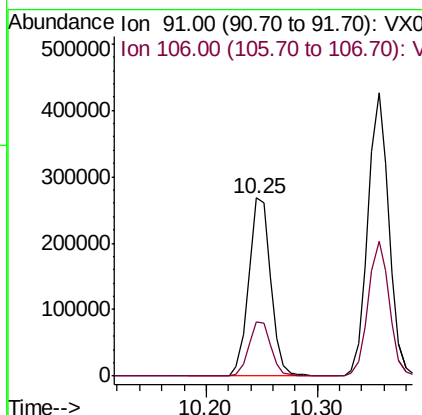
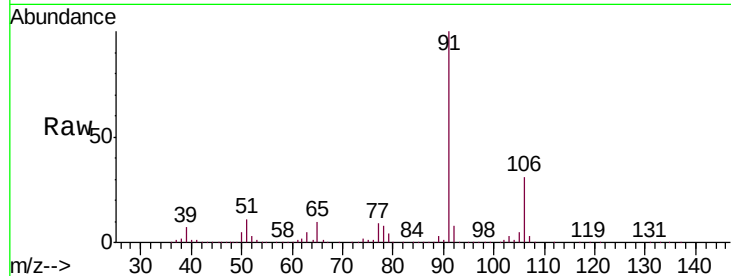




#67
 Ethyl Benzene
 Concen: 52.404 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

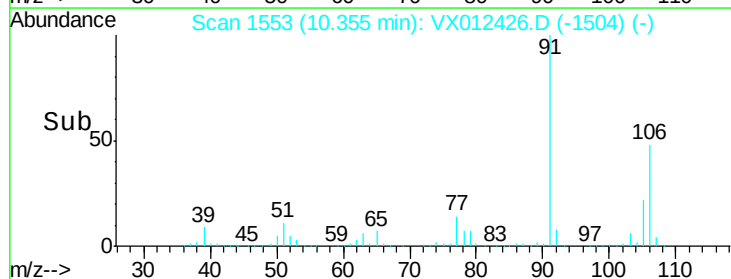
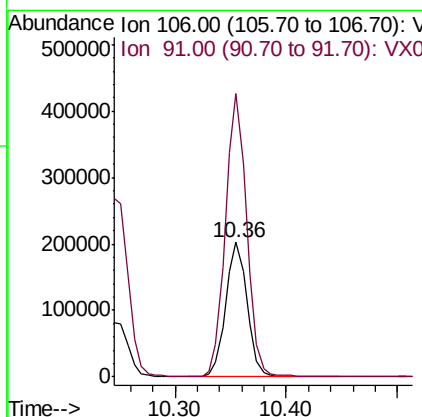
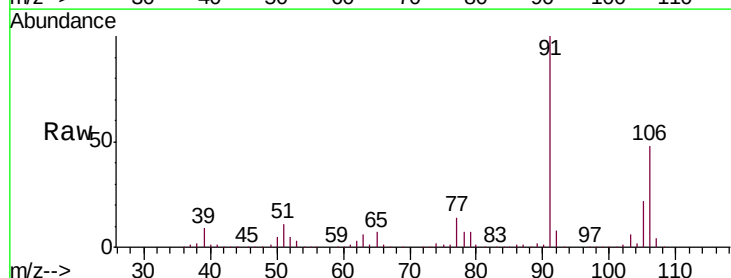
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

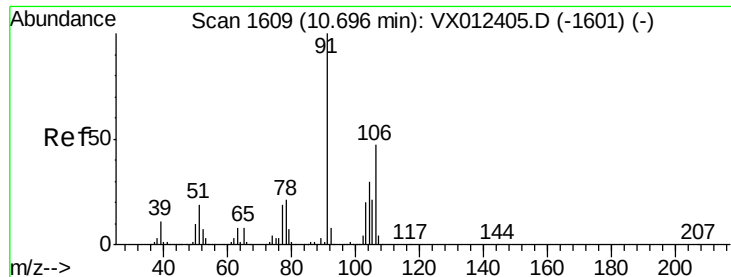
Tgt Ion: 91 Resp: 369281
 Ion Ratio Lower Upper
 91 100
 106 30.6 24.0 36.0



#68
 m/p-Xylenes
 Concen: 103.731 ug/l
 RT: 10.36 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion: 106 Resp: 269821
 Ion Ratio Lower Upper
 106 100
 91 208.6 167.4 251.0

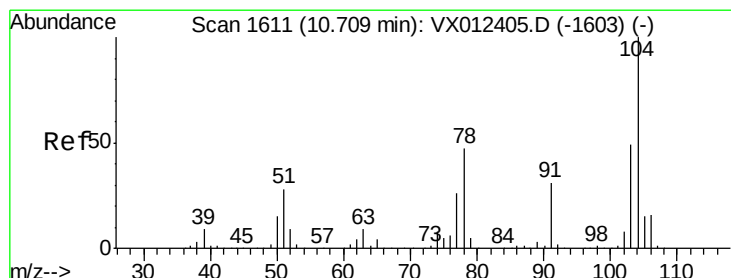
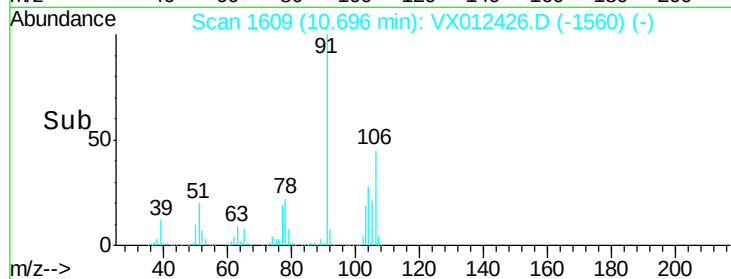
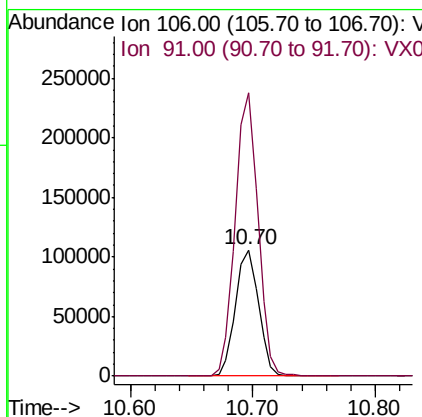
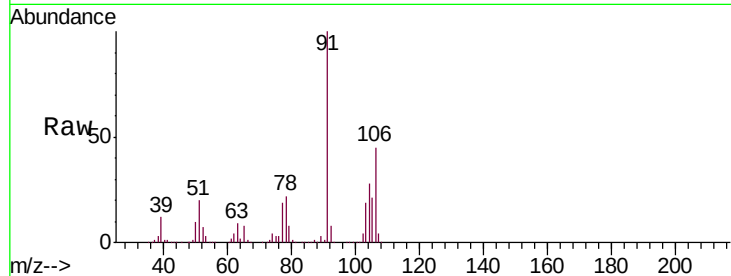




#69
o-Xylene
Concen: 51.420 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

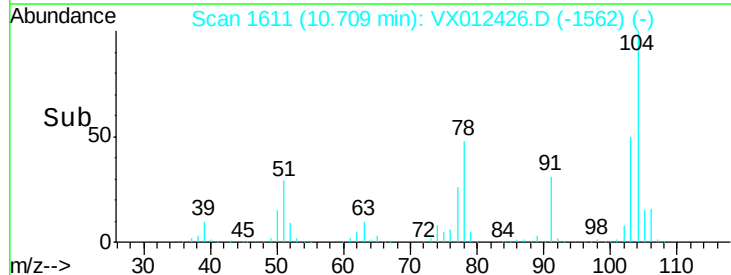
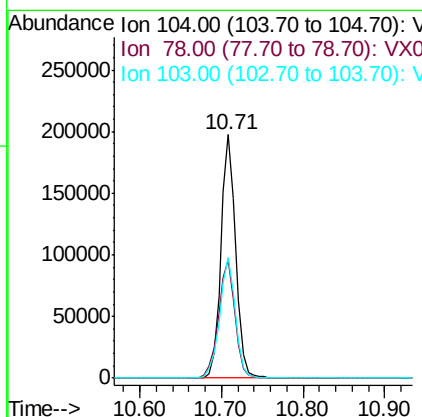
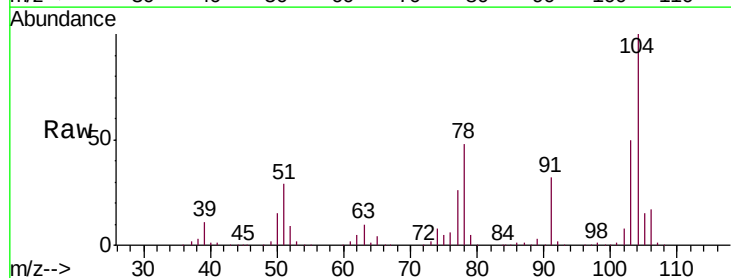
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

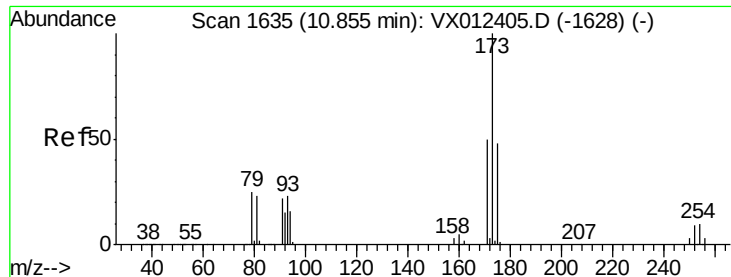
Tgt Ion:106 Resp: 138701
Ion Ratio Lower Upper
106 100
91 221.0 107.8 323.6



#70
Styrene
Concen: 53.083 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012426.D
Acq: 16 Sep 2019 23:22

Tgt Ion:104 Resp: 248444
Ion Ratio Lower Upper
104 100
78 54.5 42.3 63.5
103 53.8 42.9 64.3





#71

Bromoform

Concen: 45.716 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

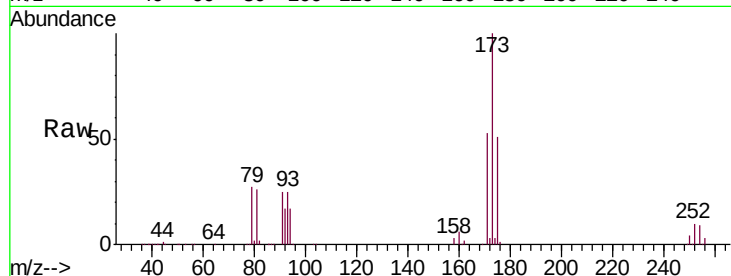
Tgt Ion:173 Resp: 69744

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

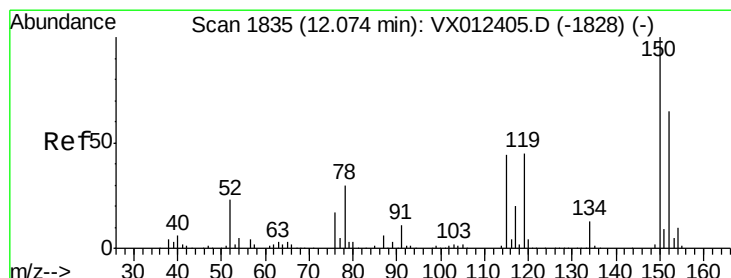
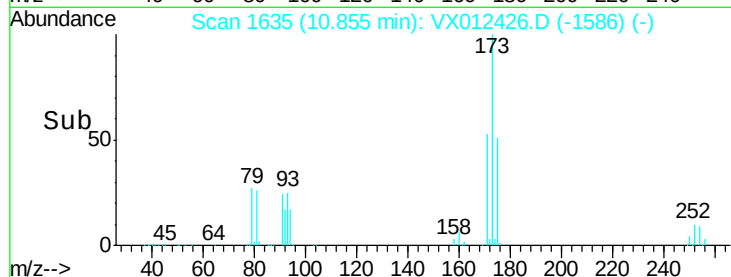
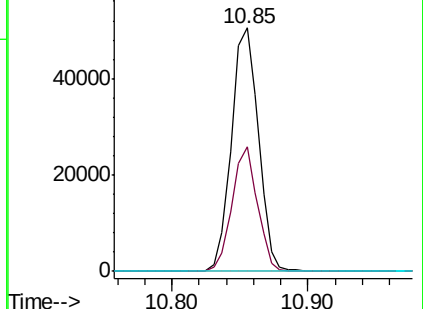
254 0.0 0.1 0.1#



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: VX012426.D

Acq: 16 Sep 2019 23:22

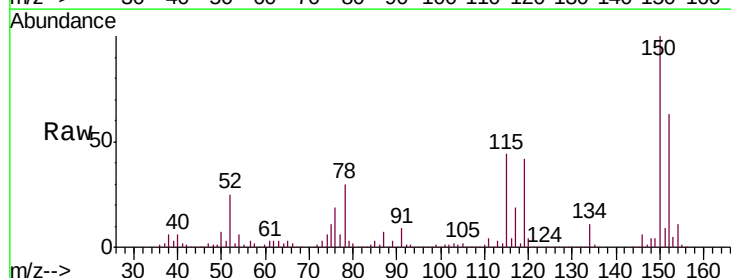
Tgt Ion:152 Resp: 105482

Ion Ratio Lower Upper

152 100

115 89.2 45.3 135.9

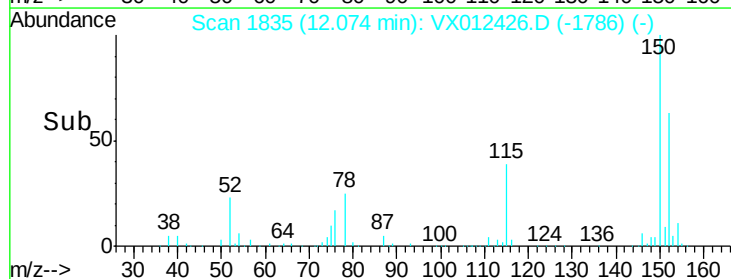
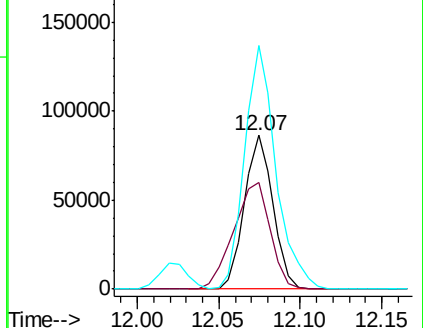
150 174.1 0.0 354.0

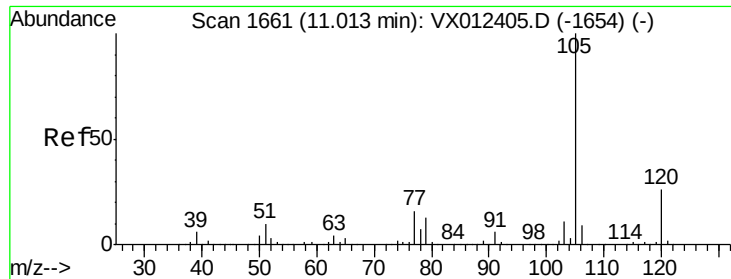


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.500 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

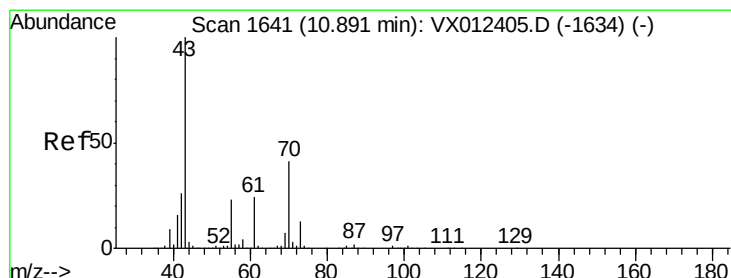
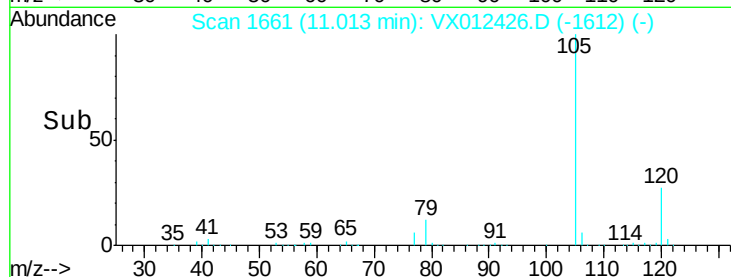
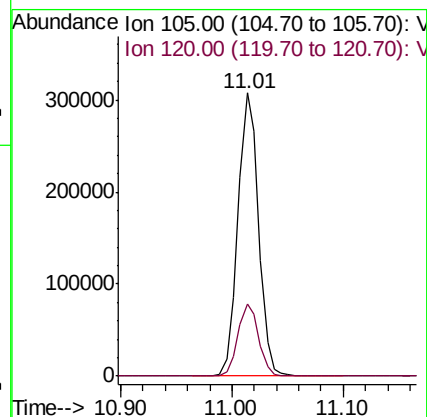
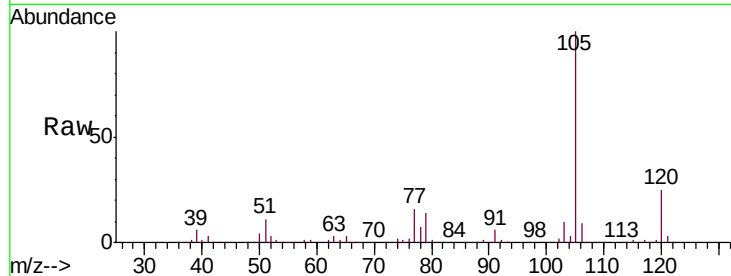
VSTDCCC050EC

Tgt Ion: 105 Resp: 392065

Ion Ratio Lower Upper

105 100

120 25.7 13.2 39.6



#74

N-ethyl acetate

Concen: 57.327 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Tgt Ion: 43 Resp: 222695

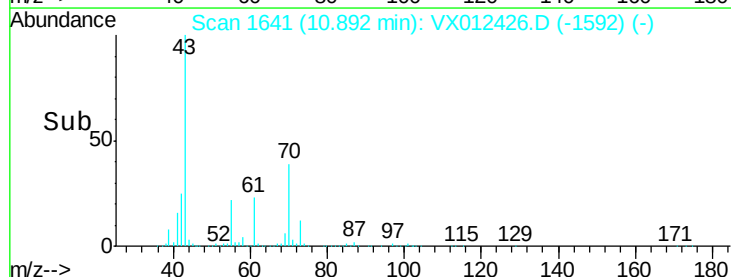
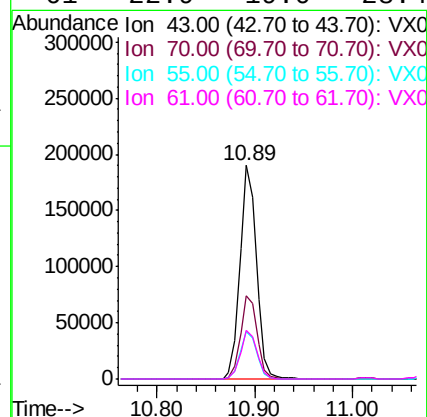
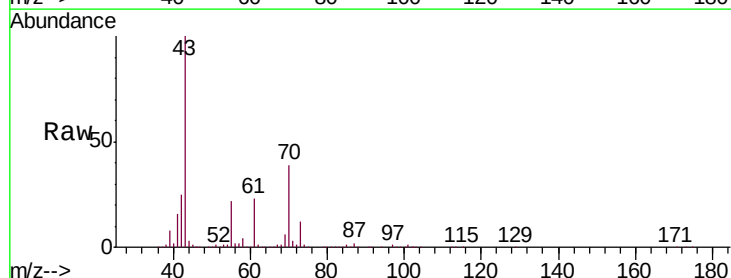
Ion Ratio Lower Upper

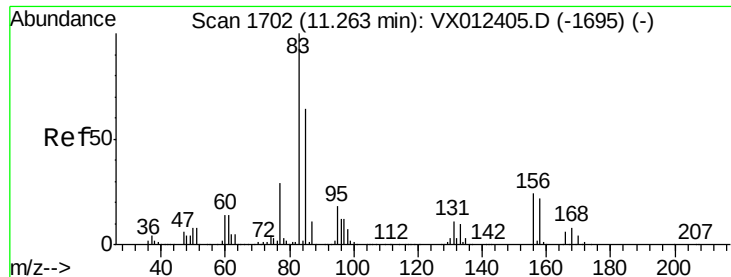
43 100

70 39.5 32.7 49.1

55 22.8 18.9 28.3

61 22.9 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.335 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

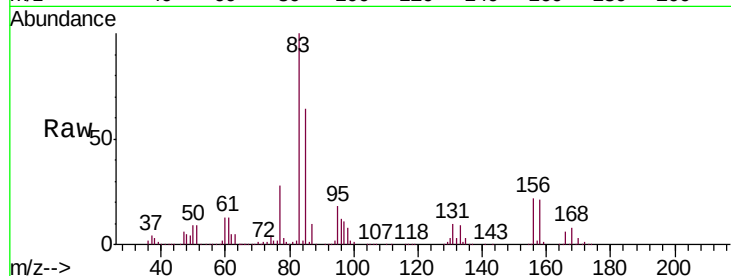
Tgt Ion: 83 Resp: 153793

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.4

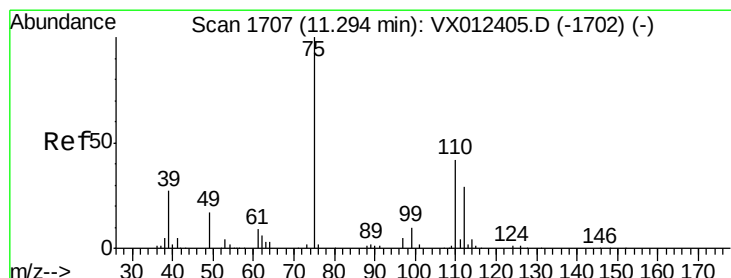
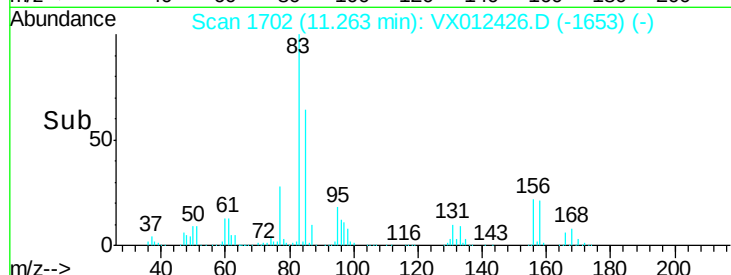
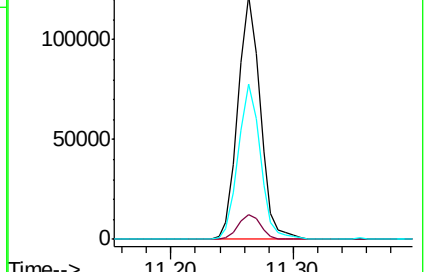
85 63.4 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.108 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012426.D

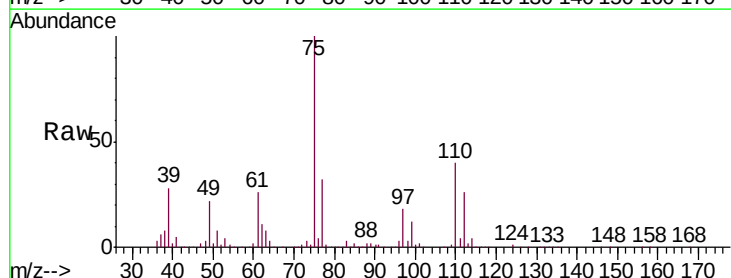
Acq: 16 Sep 2019 23:22

Tgt Ion: 75 Resp: 174807

Ion Ratio Lower Upper

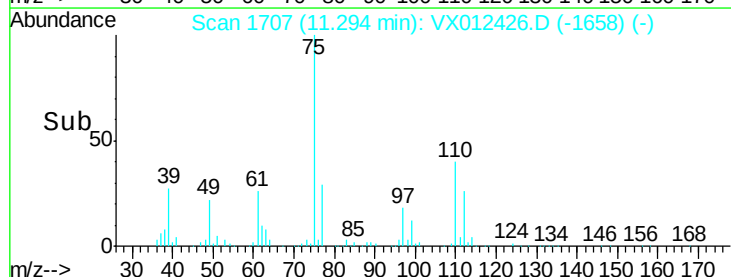
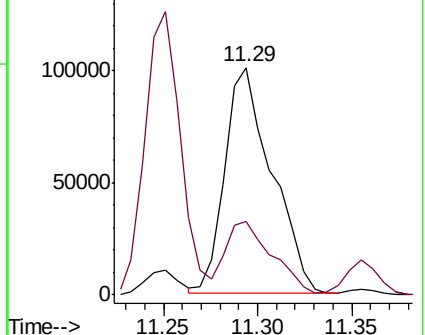
75 100

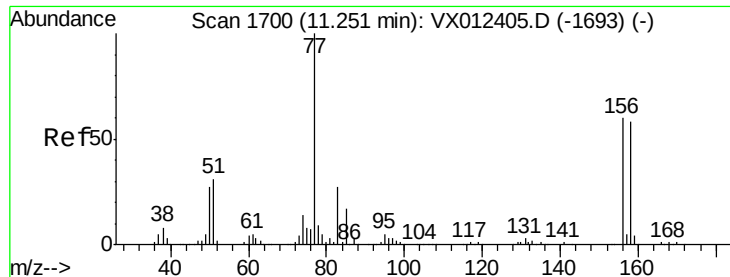
77 32.0 19.4 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.292 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

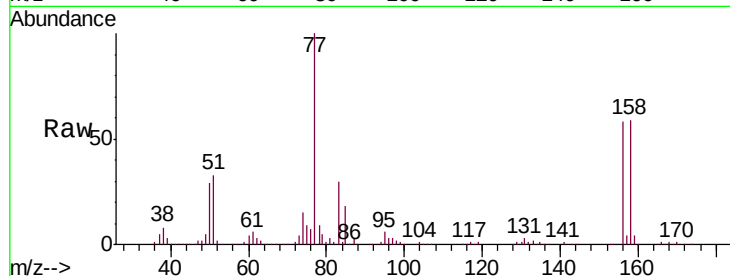
Tgt Ion:156 Resp: 94897

Ion Ratio Lower Upper

156 100

77 176.6 84.8 254.3

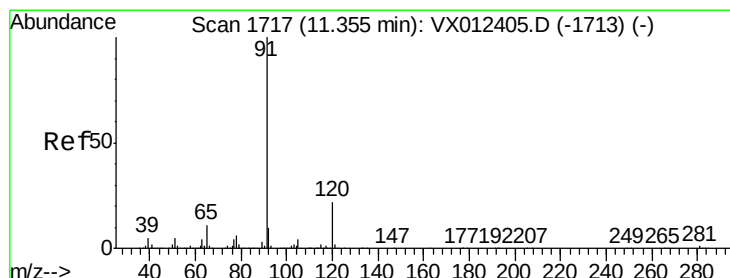
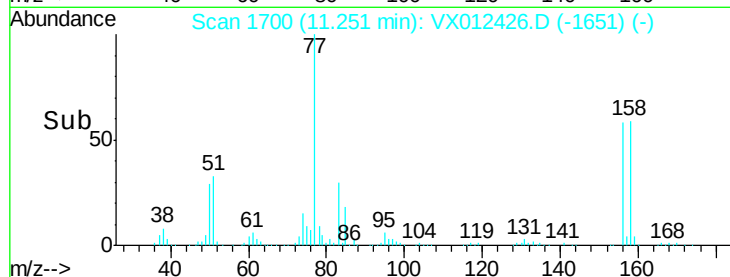
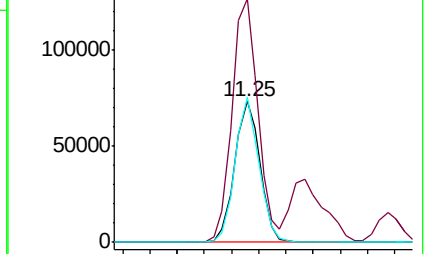
158 96.6 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.475 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012426.D

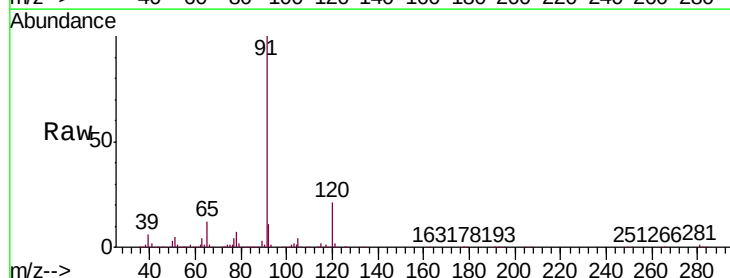
Acq: 16 Sep 2019 23:22

Tgt Ion: 91 Resp: 442885

Ion Ratio Lower Upper

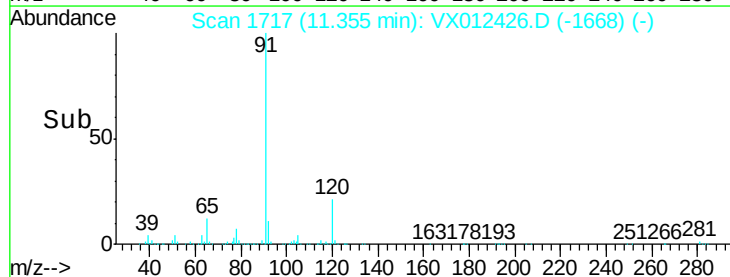
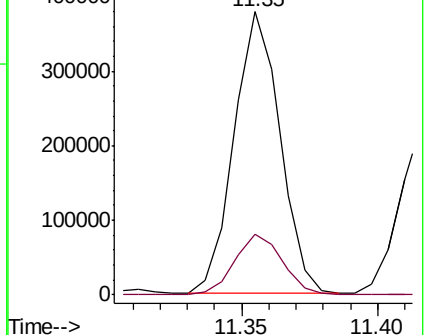
91 100

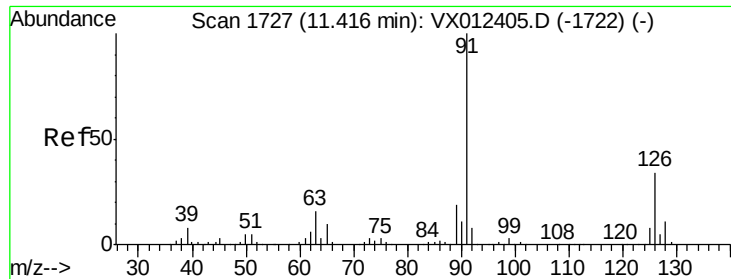
120 22.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

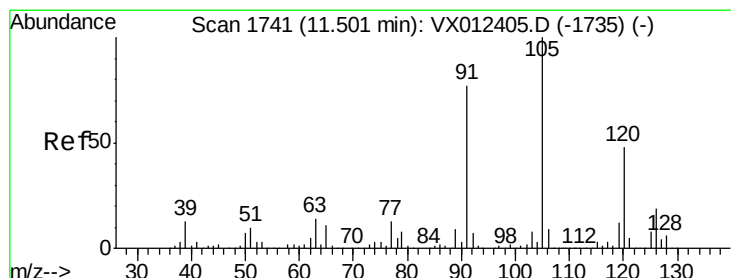
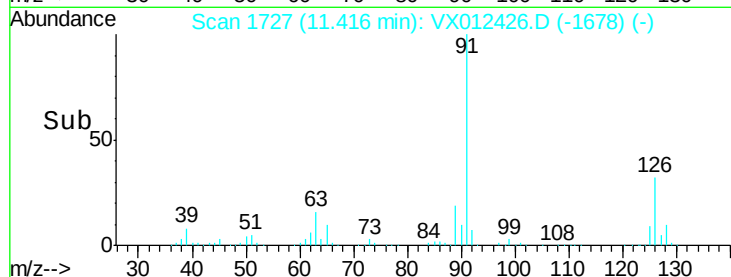
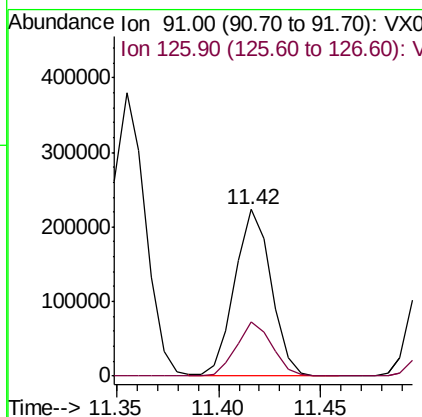
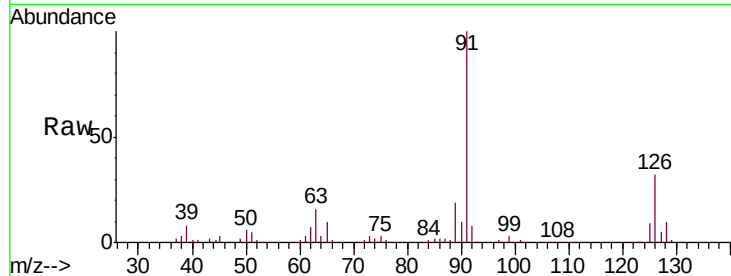




#79
 2-Chlorotoluene
 Concen: 52.169 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

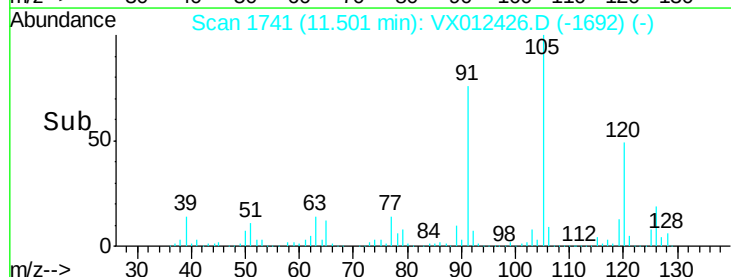
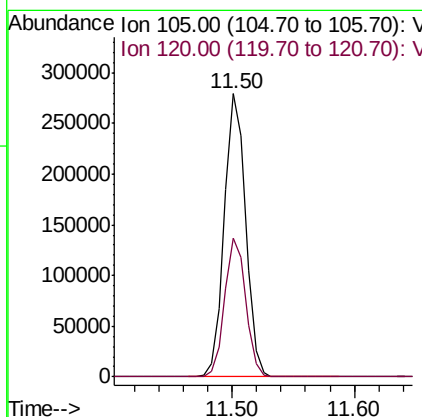
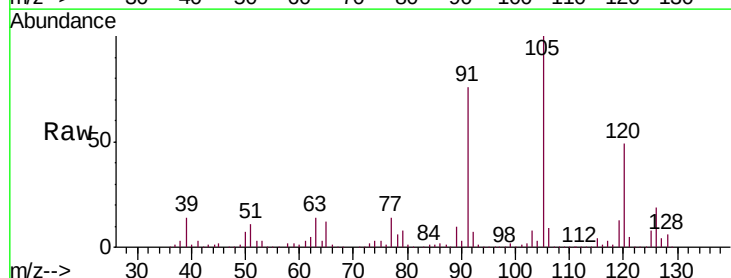
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

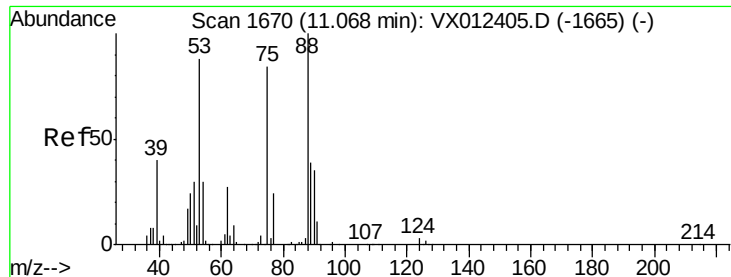
Tgt Ion: 91 Resp: 277373
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 52.792 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion: 105 Resp: 336889
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 48.817 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

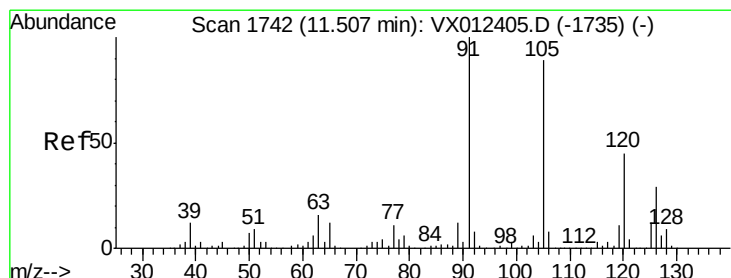
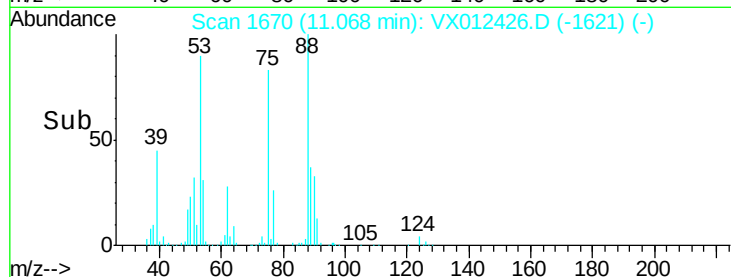
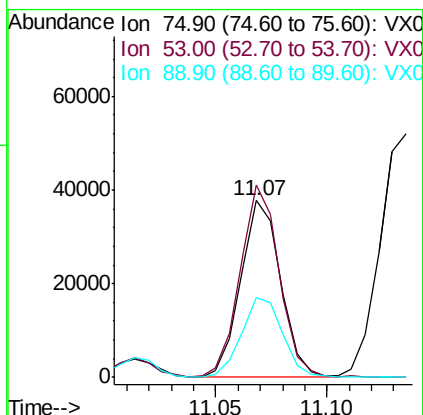
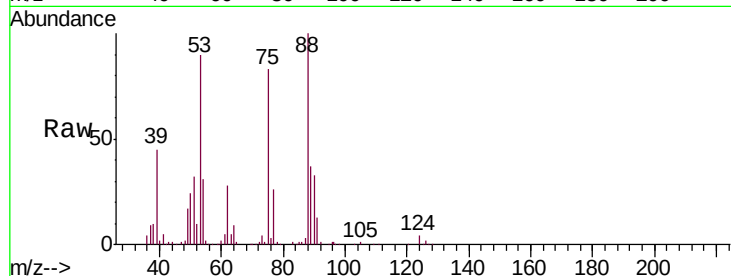
Tgt Ion: 75 Resp: 47154

Ion Ratio Lower Upper

75 100

53 108.0 84.6 127.0

89 46.7 38.8 58.2



#82

4-Chlorotoluene

Concen: 52.718 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012426.D

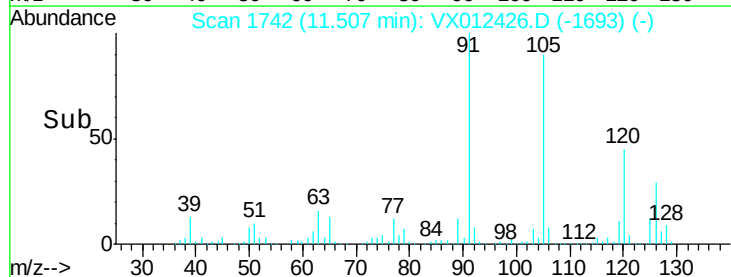
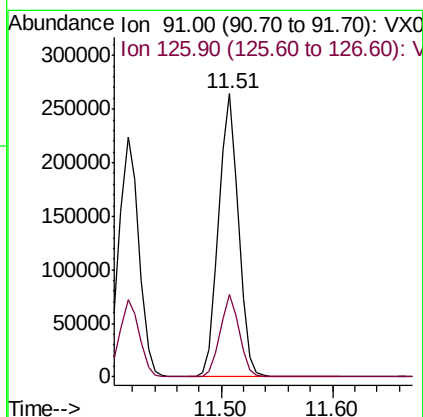
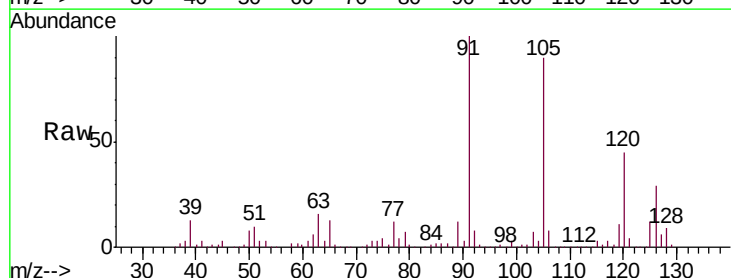
Acq: 16 Sep 2019 23:22

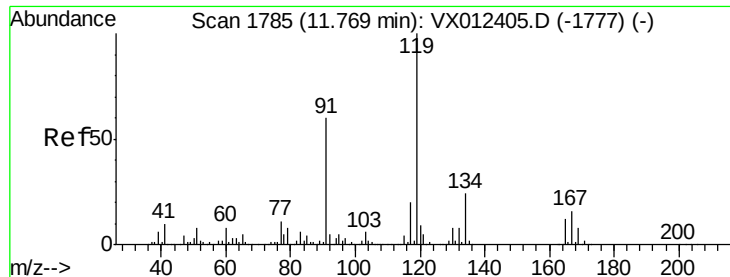
Tgt Ion: 91 Resp: 326860

Ion Ratio Lower Upper

91 100

126 27.7 14.1 42.3

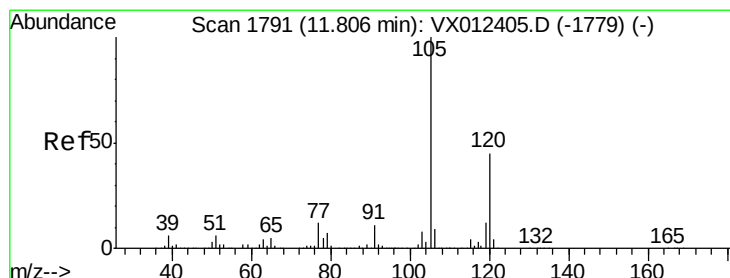
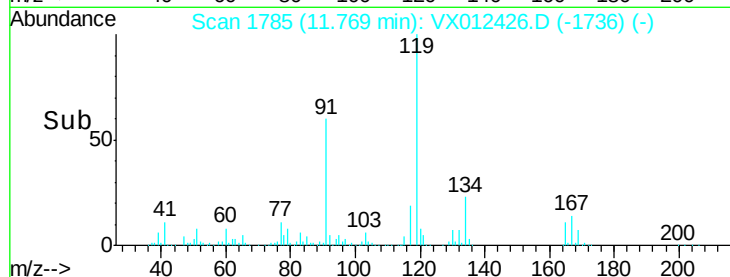
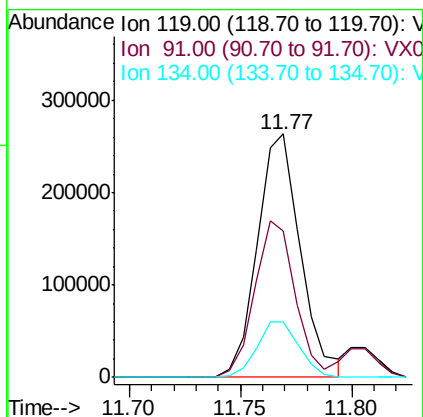
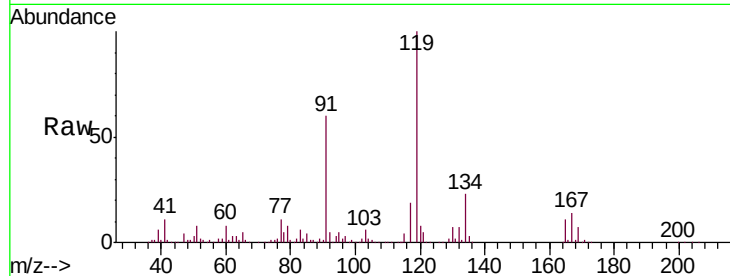




#83
 tert-Butylbenzene
 Concen: 52.456 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

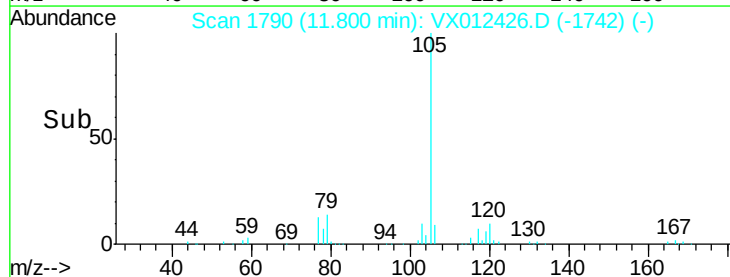
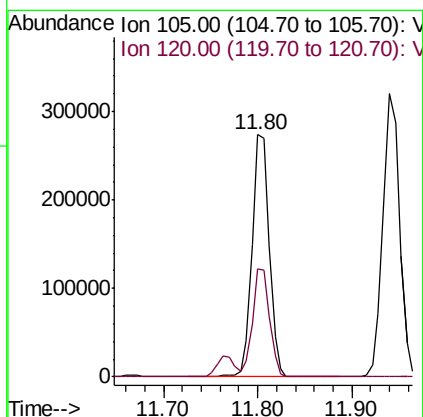
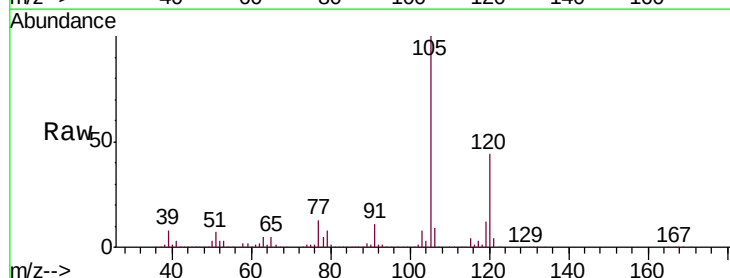
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

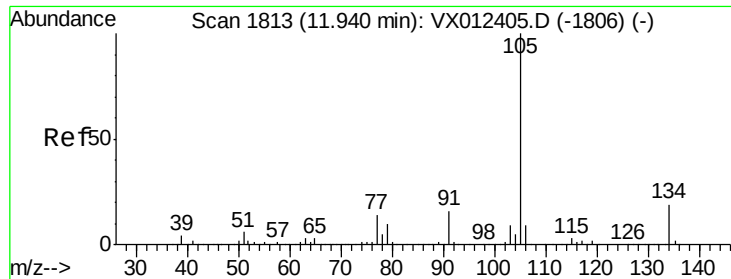
Tgt Ion:119 Resp: 355064
 Ion Ratio Lower Upper
 119 100
 91 60.3 29.6 88.8
 134 22.5 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.951 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion:105 Resp: 349340
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.5





#85

sec-Butylbenzene

Concen: 53.136 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

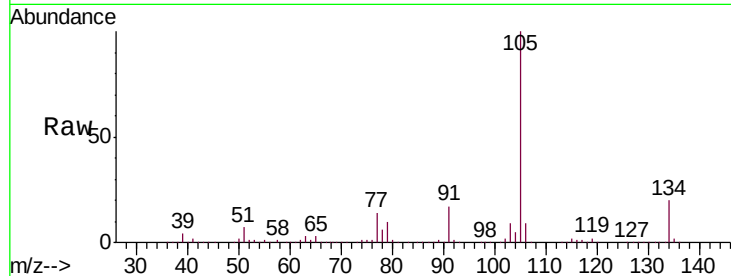
VSTDCCC050EC

Tgt Ion:105 Resp: 397626

Ion Ratio Lower Upper

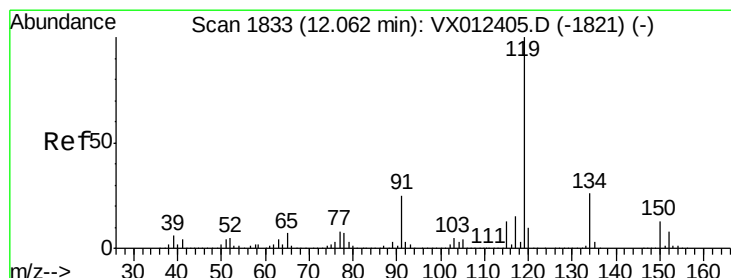
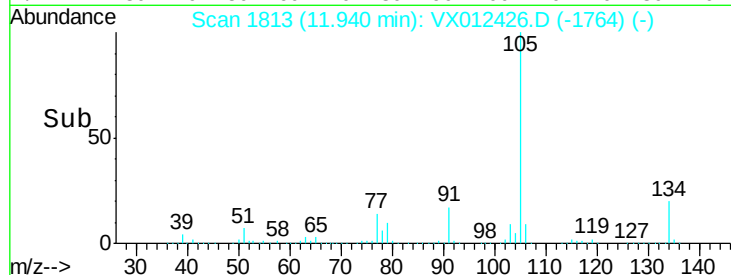
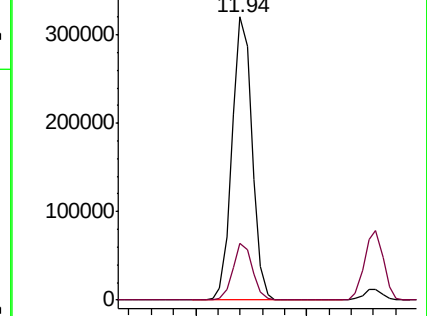
105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.584 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

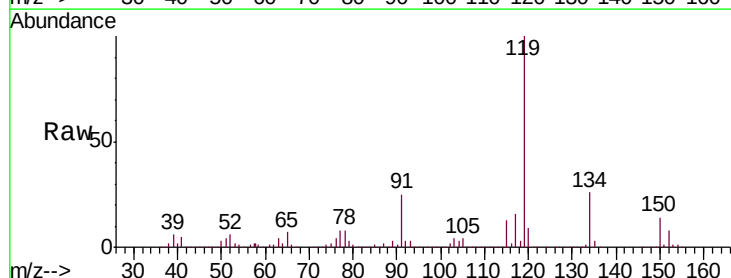
Tgt Ion:119 Resp: 367365

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

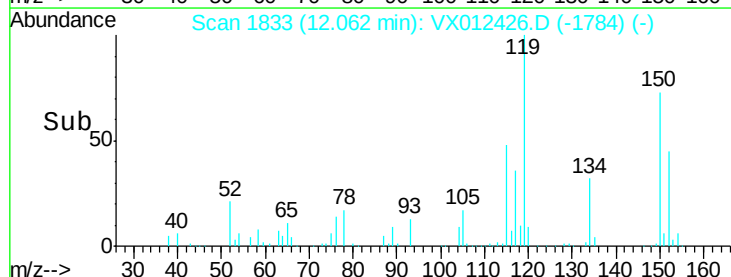
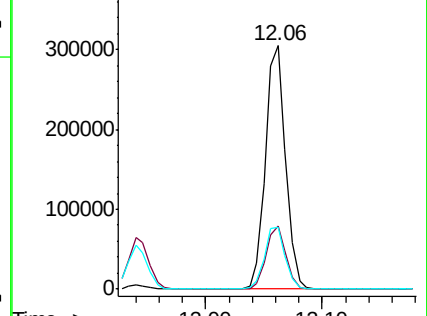
91 25.9 12.9 38.6

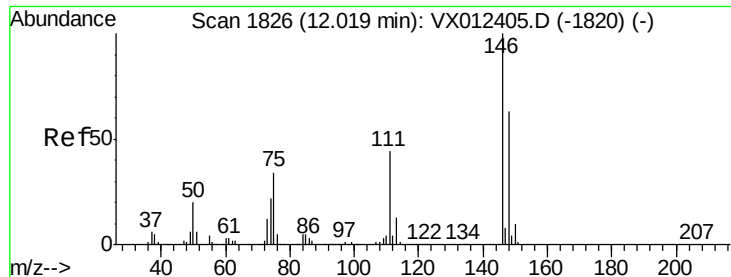


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.109 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

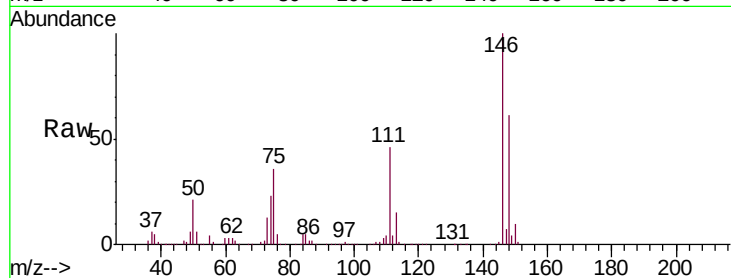
Tgt Ion:146 Resp: 173465

Ion Ratio Lower Upper

146 100

111 44.5 21.3 64.0

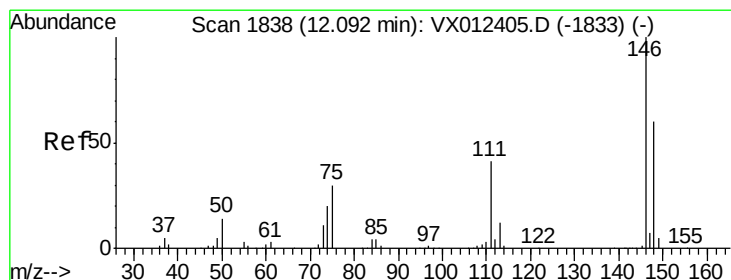
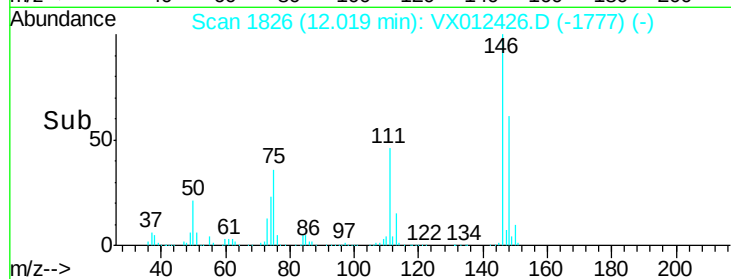
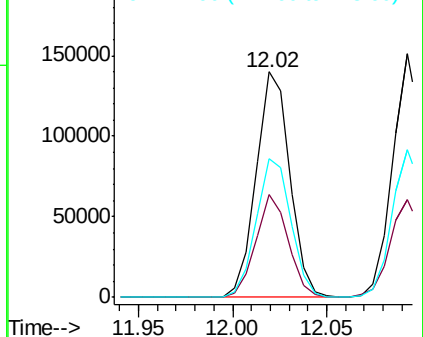
148 63.4 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.944 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

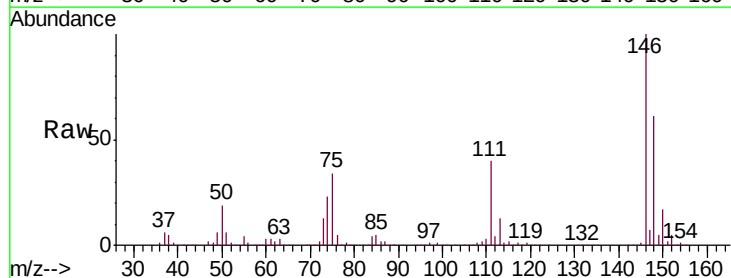
Tgt Ion:146 Resp: 178424

Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.9

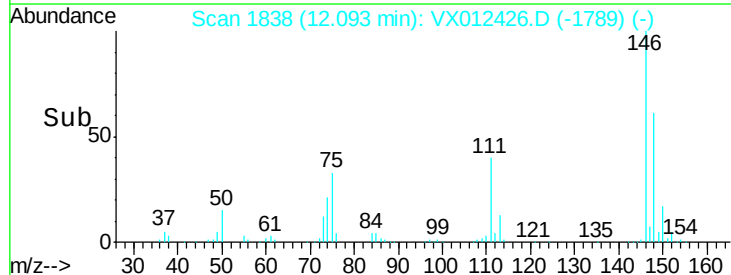
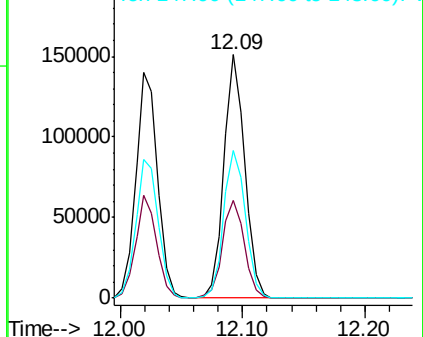
148 63.8 31.6 94.8

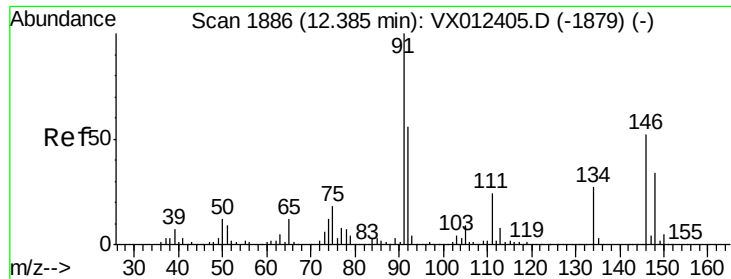


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 53.655 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

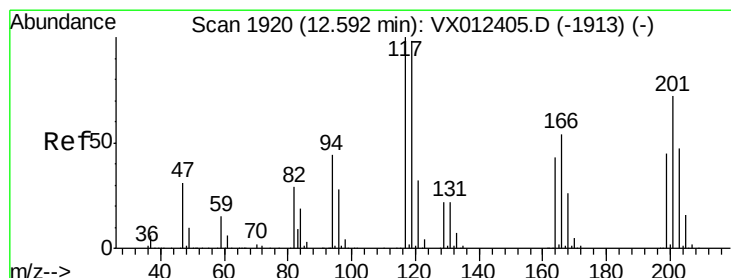
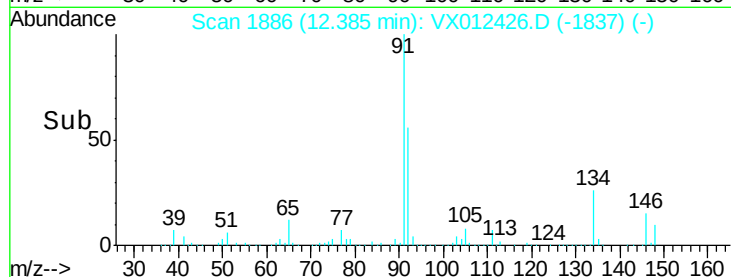
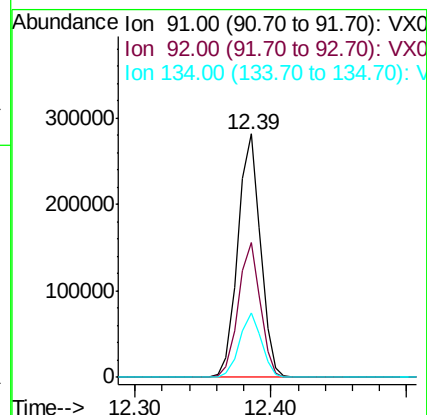
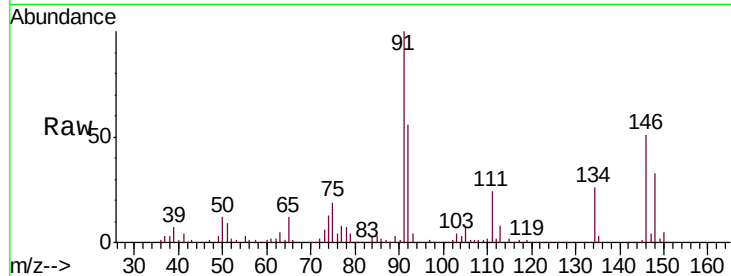
Tgt Ion: 91 Resp: 324851

Ion Ratio Lower Upper

91 100

92 54.4 27.5 82.4

134 25.7 13.2 39.6



#90

Hexachloroethane

Concen: 51.986 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012426.D

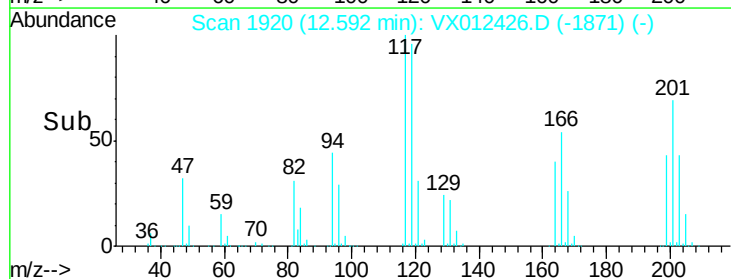
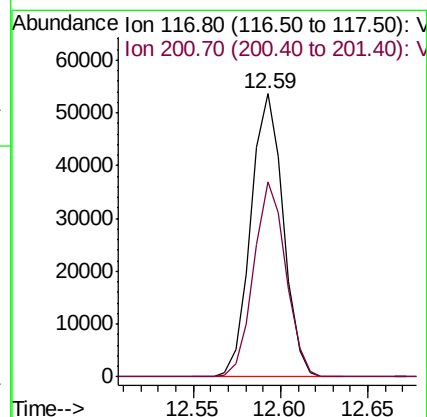
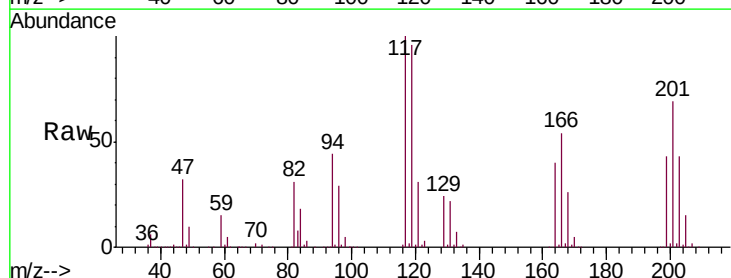
Acq: 16 Sep 2019 23:22

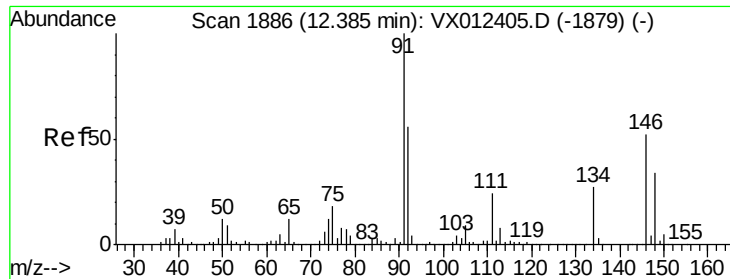
Tgt Ion: 117 Resp: 68902

Ion Ratio Lower Upper

117 100

201 68.5 35.2 105.6

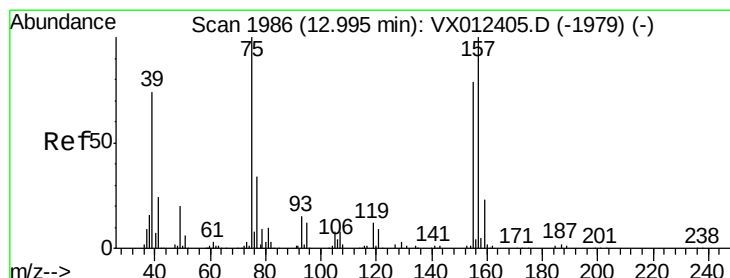
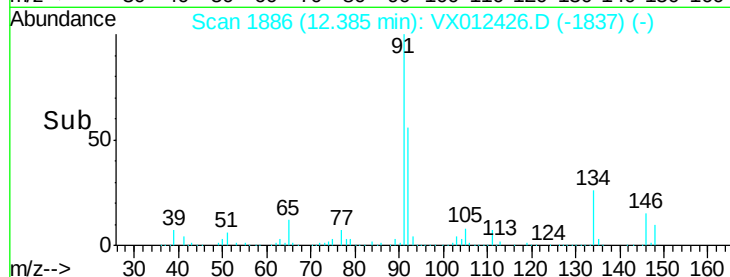
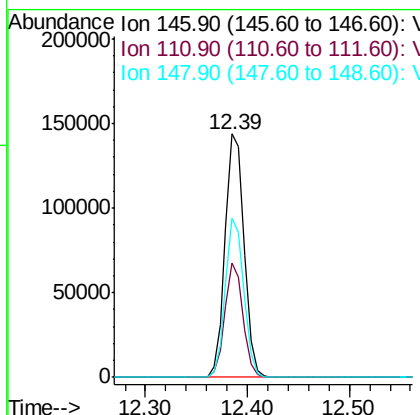
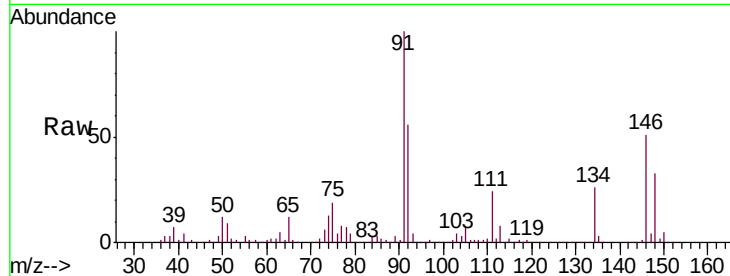




#91
 1,2-Dichlorobenzene
 Concen: 51.323 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

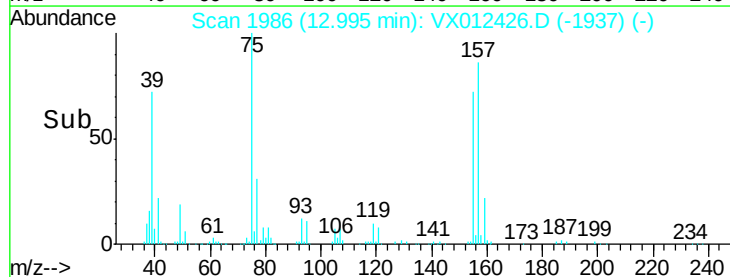
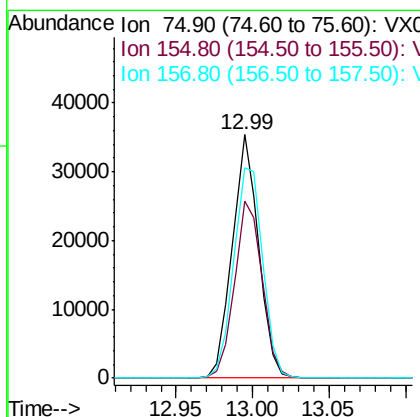
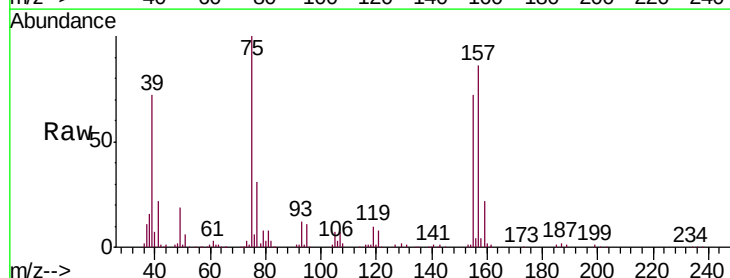
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

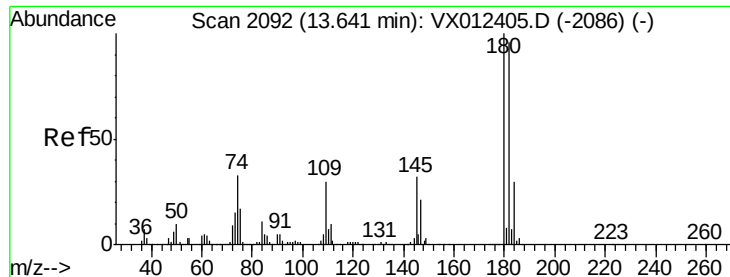
Tgt Ion: 146 Resp: 185574
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.3 66.9
 148 63.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.144 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion: 75 Resp: 42028
 Ion Ratio Lower Upper
 75 100
 155 76.4 39.8 119.4
 157 95.8 50.0 150.1

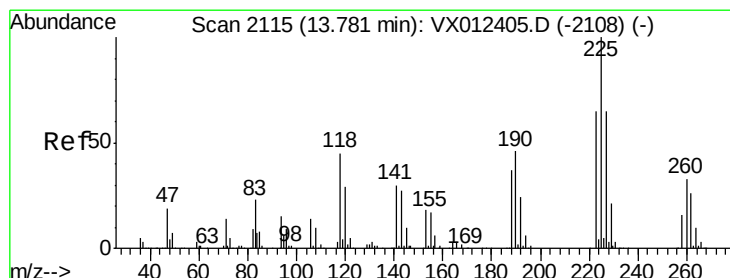
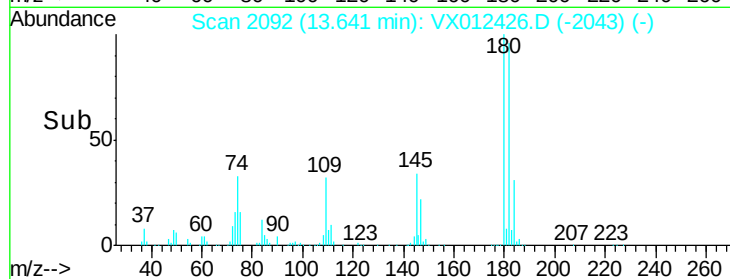
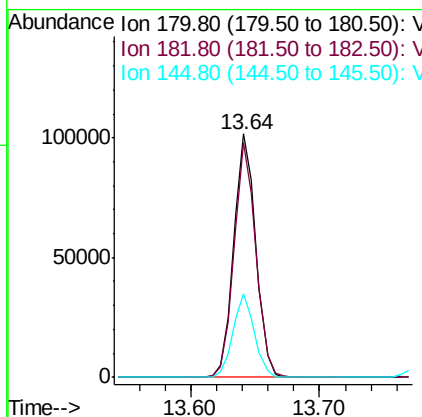
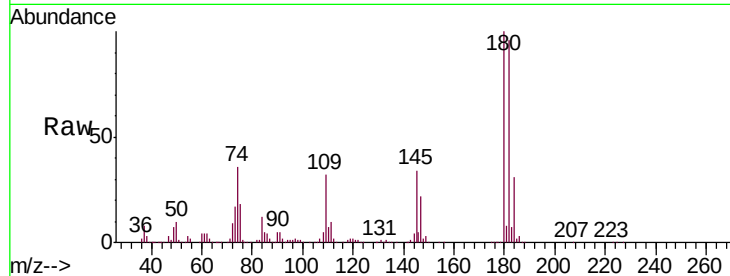




#93
 1,2,4-Trichlorobenzene
 Concen: 50.217 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

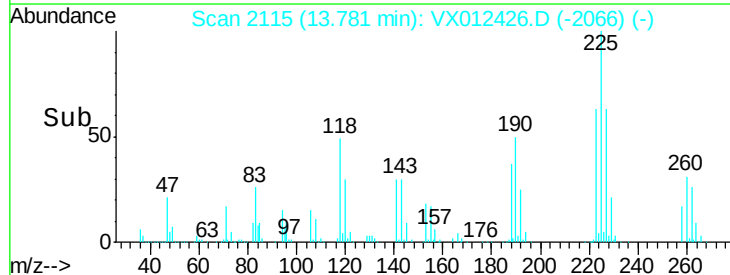
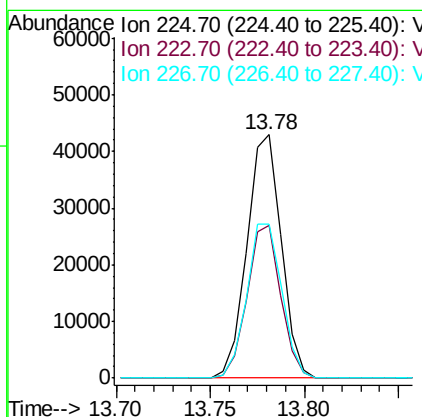
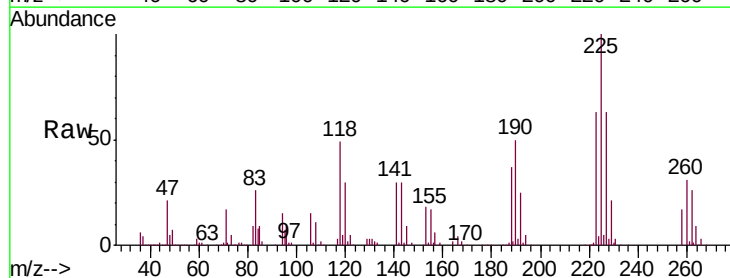
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

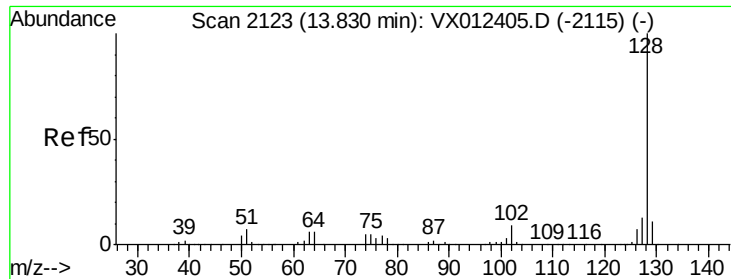
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.4
145	33.5	16.6	49.7



#94
 Hexachlorobutadiene
 Concen: 46.524 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012426.D
 Acq: 16 Sep 2019 23:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	32.0	96.0
227	64.8	32.8	98.3





#95

Naphthalene

Concen: 51.403 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

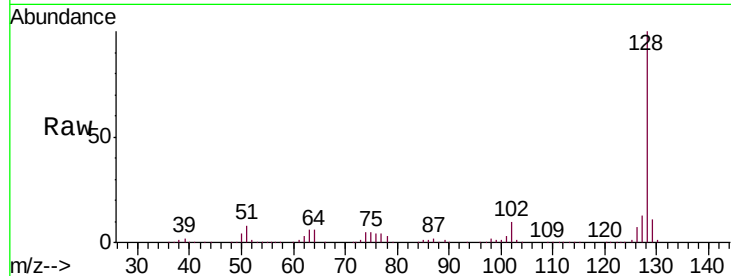
Tgt Ion:128 Resp: 459221

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

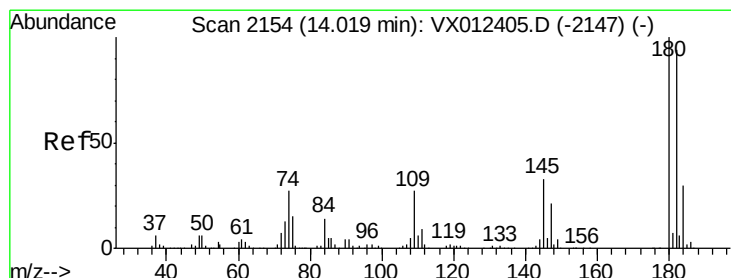
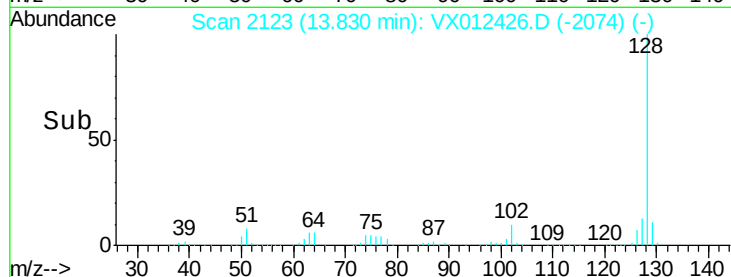
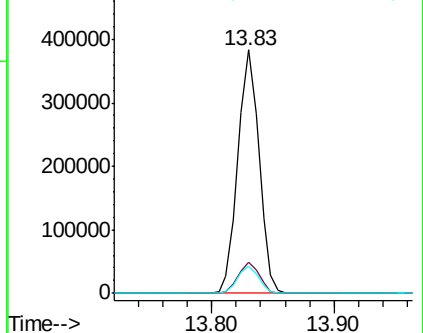
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.558 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX012426.D

Acq: 16 Sep 2019 23:22

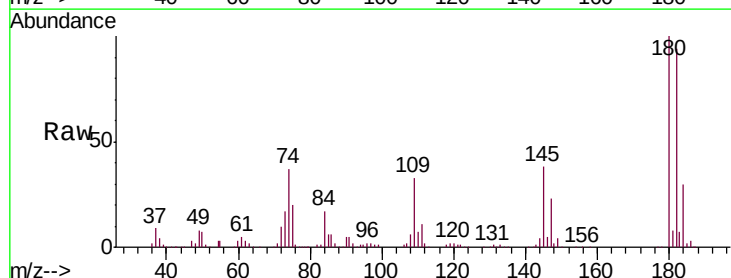
Tgt Ion:180 Resp: 124414

Ion Ratio Lower Upper

180 100

182 96.1 46.9 140.8

145 36.6 17.6 52.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

