

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
 Data File : VX013408.D
 Acq On : 13 Nov 2019 16:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 04:36:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	735691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1113508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1006040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	515440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	382448	43.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.76%	
35) Dibromofluoromethane	5.48	113	319916	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
50) Toluene-d8	8.71	98	1223824	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
62) 4-Bromofluorobenzene	11.13	95	445296	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	417625	49.268	ug/l	100
3) Chloromethane	1.31	50	457358	49.754	ug/l	100
4) Vinyl Chloride	1.40	62	529929	50.637	ug/l	100
5) Bromomethane	1.62	94	319464	43.805	ug/l	100
6) Chloroethane	1.70	64	286255	47.798	ug/l	99
7) Trichlorofluoromethane	1.92	101	579634	46.881	ug/l	99
8) Diethyl Ether	2.17	74	263174	48.134	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	366387	53.167	ug/l	99
10) Methyl Iodide	2.50	142	437519	51.280	ug/l	99
11) Tert butyl alcohol	3.03	59	489583	213.120	ug/l	99
12) 1,1-Dichloroethene	2.36	96	359376	53.254	ug/l	97
13) Acrolein	2.28	56	364942	293.120	ug/l	98
14) Allyl chloride	2.72	41	640471	52.234	ug/l	96
15) Acrylonitrile	3.12	53	1091009	254.249	ug/l	98
16) Acetone	2.43	43	948013	218.069	ug/l	98
17) Carbon Disulfide	2.56	76	908746	50.312	ug/l	100
18) Methyl Acetate	2.76	43	636417	53.026	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1203838	53.485	ug/l	99
20) Methylene Chloride	2.84	84	399653	49.756	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	381140	51.872	ug/l	97
22) Diisopropyl ether	3.84	45	1281098	54.118	ug/l	98
23) Vinyl Acetate	3.80	43	5336172	263.433	ug/l	99
24) 1,1-Dichloroethane	3.68	63	688896	52.022	ug/l	99
25) 2-Butanone	4.65	43	1565398	245.454	ug/l	98
26) 2,2-Dichloropropane	4.56	77	540995	51.354	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	445242	54.093	ug/l	98
28) Bromochloromethane	5.00	49	205410	54.631	ug/l	100
29) Tetrahydrofuran	5.11	42	1007747	256.417	ug/l	100
30) Chloroform	5.19	83	681563	52.123	ug/l	98
31) Cyclohexane	5.56	56	617505	51.822	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	578447	51.403	ug/l	99
36) 1,1-Dichloropropene	5.78	75	515367	53.951	ug/l	99
37) Ethyl Acetate	4.81	43	602266	51.023	ug/l	99
38) Carbon Tetrachloride	5.77	117	505150	54.078	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	644522	54.149	ug/l	99
40) Benzene	6.13	78	1567074	52.664	ug/l	98
41) Methacrylonitrile	5.02	41	341392	51.601	ug/l	97
42) 1,2-Dichloroethane	6.18	62	547877	51.046	ug/l	99
43) Isopropyl Acetate	6.43	43	979705	53.301	ug/l	99
44) Trichloroethene	7.20	130	426688	52.094	ug/l	99
45) 1,2-Dichloropropane	7.50	63	406502	53.617	ug/l	99
46) Dibromomethane	7.65	93	264663	51.127	ug/l	97
47) Bromodichloromethane	7.89	83	538399	55.156	ug/l	98
48) Methyl methacrylate	7.76	41	494172	53.860	ug/l	98
49) 1,4-Dioxane	7.73	88	205301	977.064	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	3118651	258.612	ug/l	99
52) Toluene	8.78	92	1002423	54.354	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	597827	56.007	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	662223	55.462	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	410271	53.671	ug/l	98
56) Ethyl methacrylate	9.17	69	668404	51.180	ug/l	97
57) 1,3-Dichloropropane	9.36	76	689967	53.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1474023	282.017	ug/l	99
59) 2-Hexanone	9.48	43	2383597	255.776	ug/l	98
60) Dibromochloromethane	9.57	129	434280	55.549	ug/l	100
61) 1,2-Dibromoethane	9.67	107	429513	52.914	ug/l	99
64) Tetrachloroethene	9.33	164	378511	52.557	ug/l	98
65) Chlorobenzene	10.13	112	1089123	53.473	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	406995	54.422	ug/l	99
67) Ethyl Benzene	10.25	91	1911010	54.363	ug/l	99
68) m/p-Xylenes	10.35	106	1459904	109.814	ug/l	100
69) o-Xylene	10.70	106	711750	54.684	ug/l	99
70) Styrene	10.71	104	1217461	55.957	ug/l	99
71) Bromoform	10.85	173	345519	49.840	ug/l	99
73) Isopropylbenzene	11.01	105	1878489	54.968	ug/l	99
74) N-amyl acetate	10.89	43	885724	55.891	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	654981	52.536	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	754012	72.022	ug/l	79
77) Bromobenzene	11.25	156	495254	54.361	ug/l	99
78) n-propylbenzene	11.35	91	2188659	57.493	ug/l	100
79) 2-Chlorotoluene	11.42	91	1265619	55.180	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1608143	56.494	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	220038	54.099	ug/l	96
82) 4-Chlorotoluene	11.51	91	1477979	55.048	ug/l	100
83) tert-Butylbenzene	11.76	119	1633369	57.002	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1617983	56.662	ug/l	99
85) sec-Butylbenzene	11.94	105	1880971	57.116	ug/l	100
86) p-Isopropyltoluene	12.06	119	1734073	57.183	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	882360	54.334	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	882846	53.358	ug/l	100
89) n-Butylbenzene	12.39	91	1528314	57.758	ug/l	100
90) Hexachloroethane	12.59	117	311871	57.721	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	883649	54.435	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	145049	47.754	ug/l	98

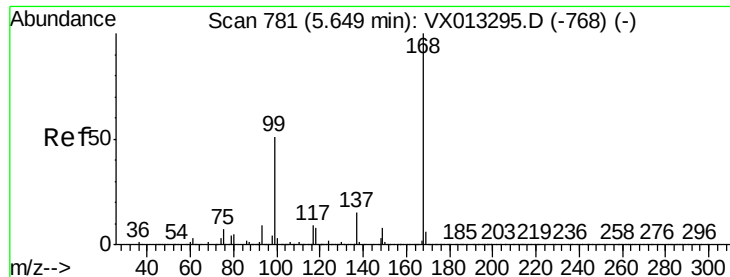
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	624542	55.156	ug/l	99
94) Hexachlorobutadiene	13.78	225	296552	53.532	ug/l	99
95) Naphthalene	13.83	128	1938853	54.575	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	627230	55.234	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

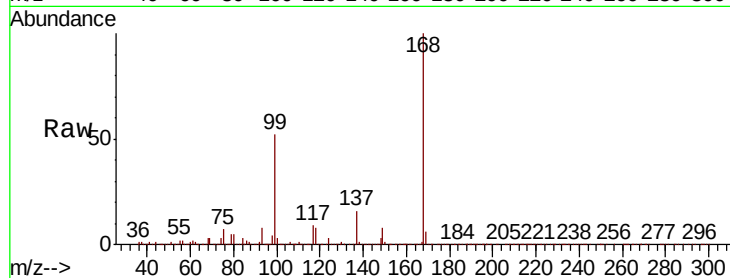
VSTDCCC050EC

Tot Ion:168 Resp: 735691

Ion Ratio Lower Upper

168 100

99 51.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

150000

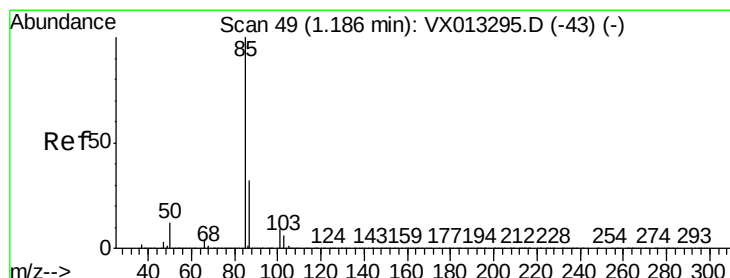
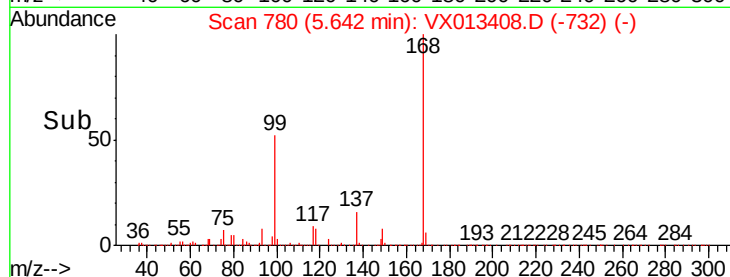
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.268 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013408.D

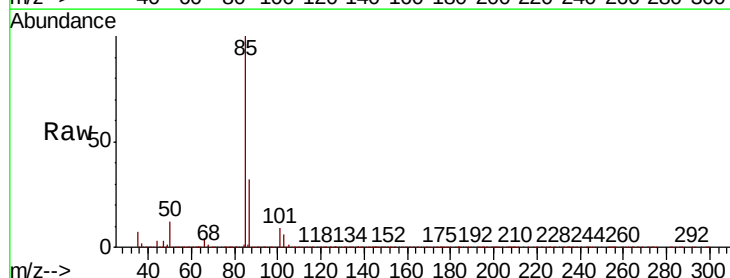
Acq: 13 Nov 2019 16:13

Tgt Ion: 85 Resp: 417625

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

300000

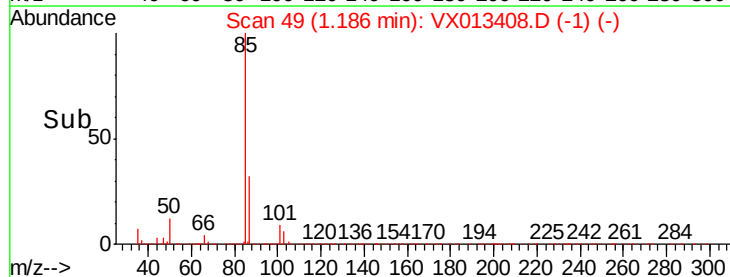
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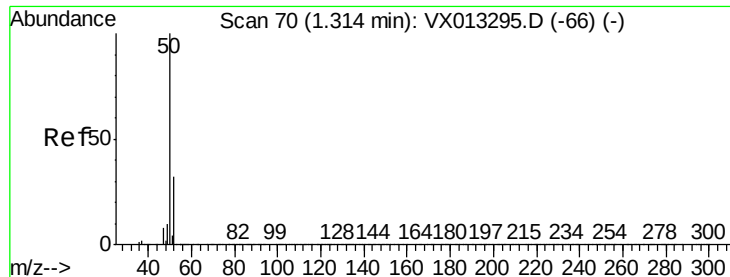
100000

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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.754 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

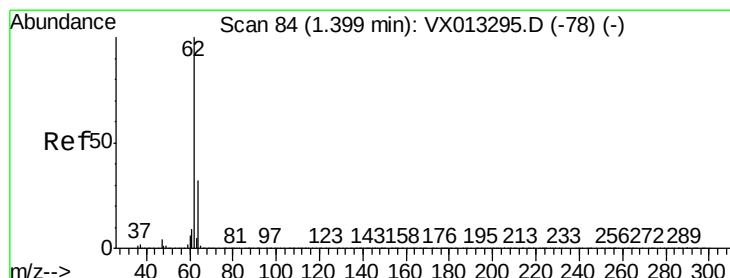
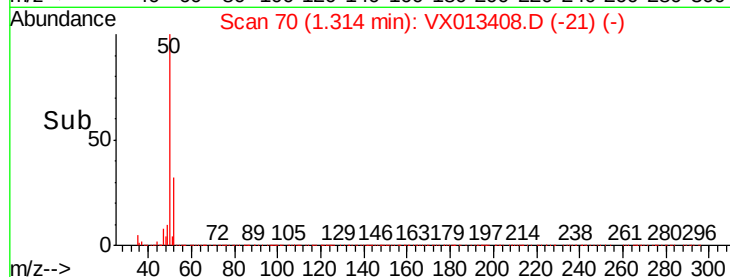
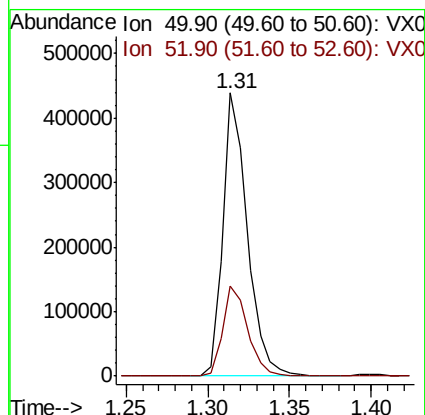
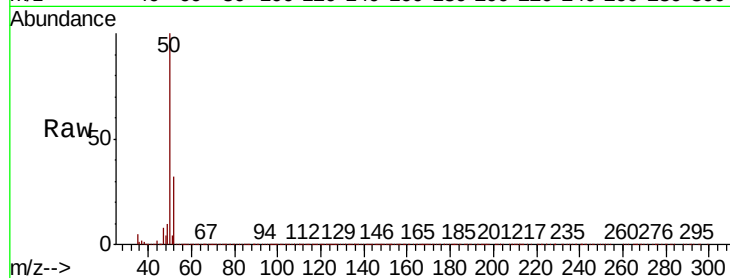
VSTDCCC050EC

Tot Ion: 50 Resp: 457358

Ion Ratio Lower Upper

50 100

52 32.1 25.5 38.3



#4

Vinyl Chloride

Concen: 50.637 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013408.D

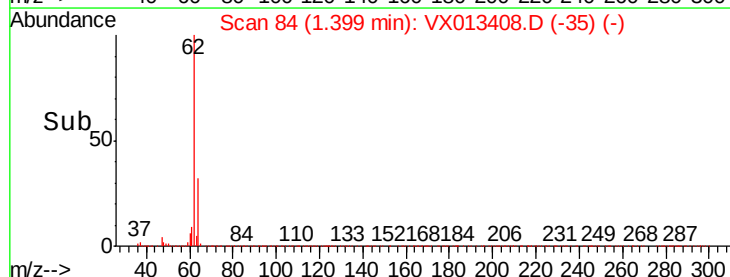
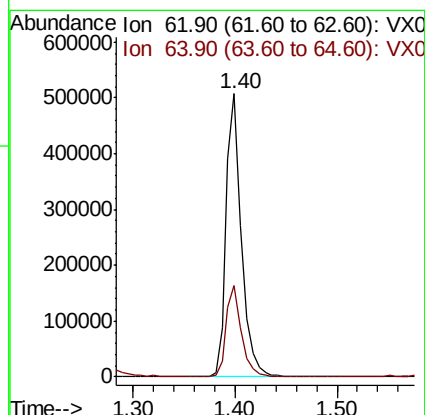
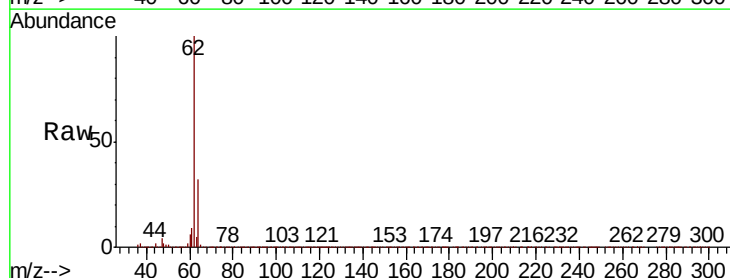
Acq: 13 Nov 2019 16:13

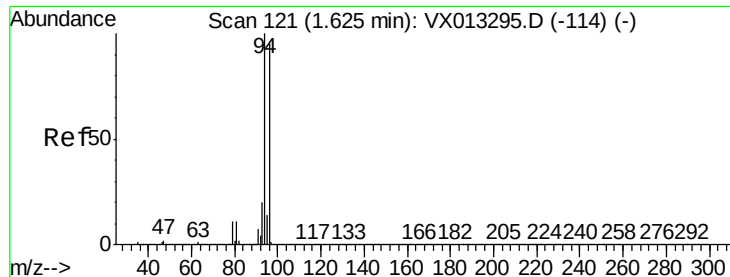
Tgt Ion: 62 Resp: 529929

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 43.805 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

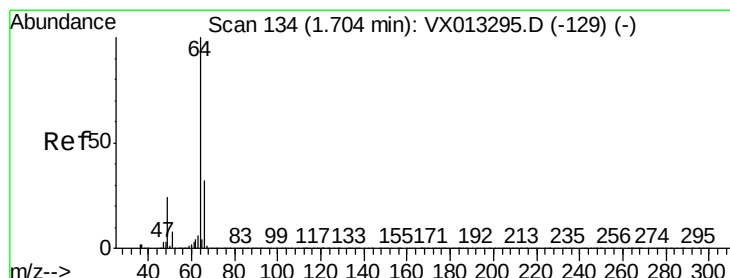
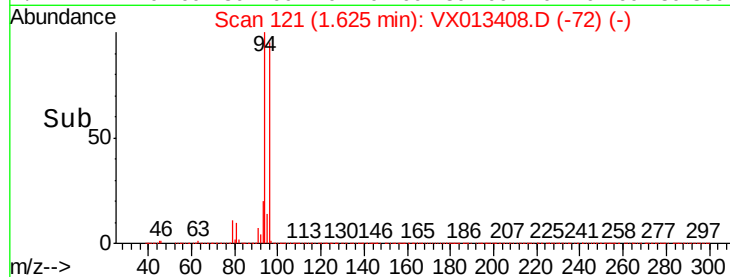
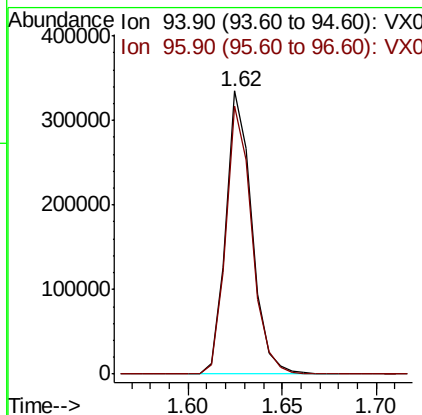
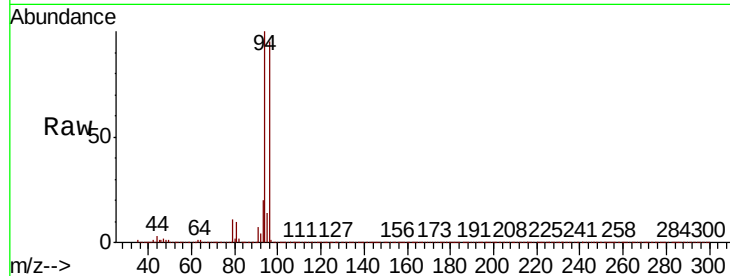
VSTDCCC050EC

Tot Ion: 94 Resp: 319464

Ion Ratio Lower Upper

94 100

96 94.6 75.8 113.8



#6

Chloroethane

Concen: 47.798 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013408.D

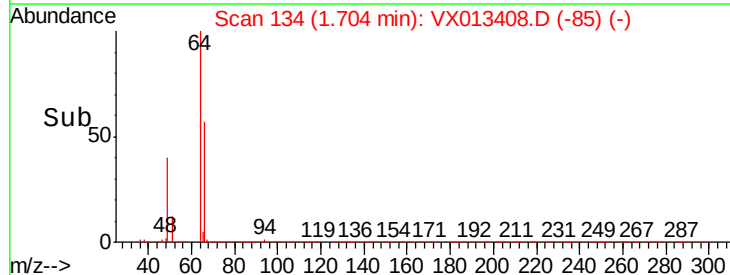
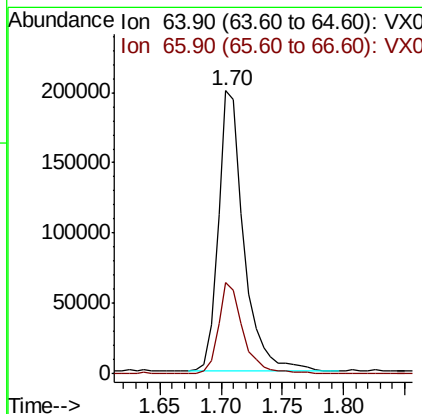
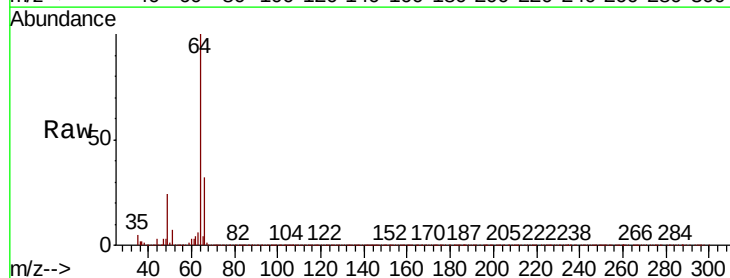
Acq: 13 Nov 2019 16:13

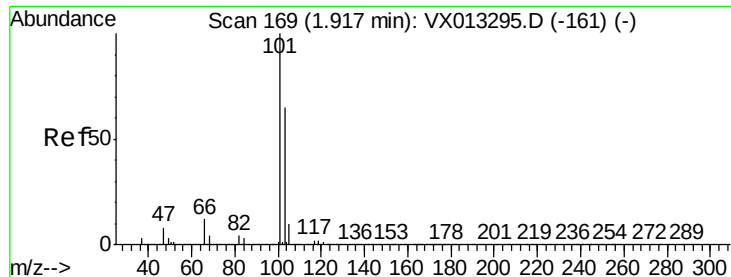
Tgt Ion: 64 Resp: 286255

Ion Ratio Lower Upper

64 100

66 32.6 25.6 38.4



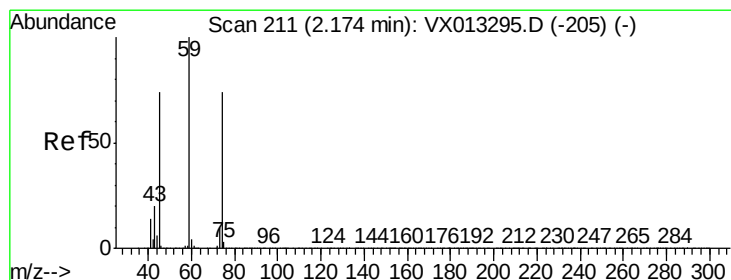
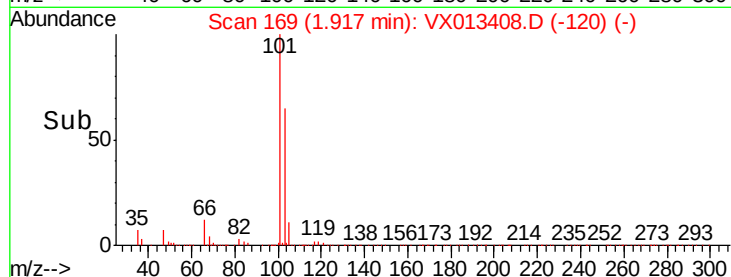
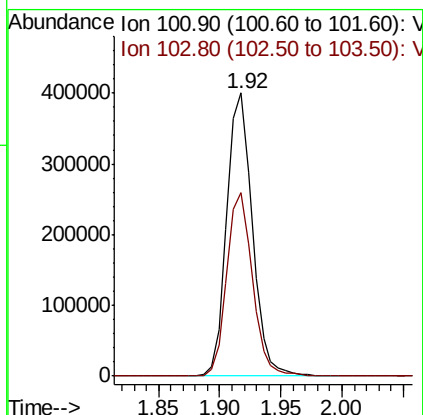
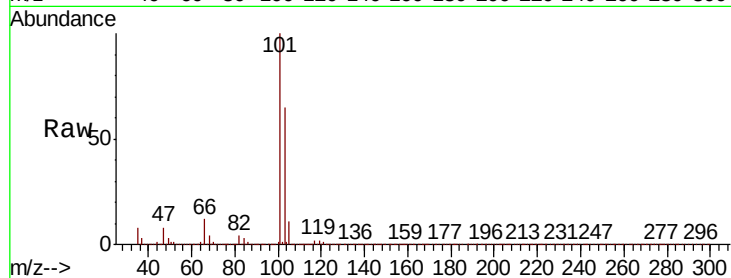


#7

Trichlorofluoromethane
Concen: 46.881 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013408.D
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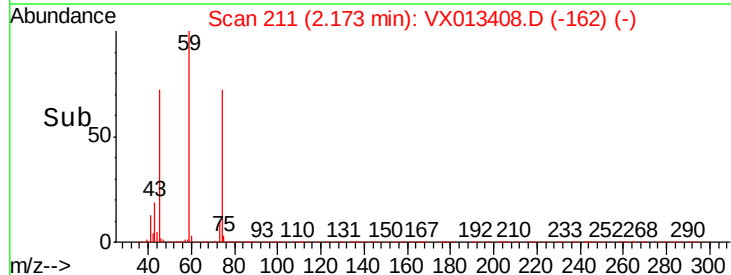
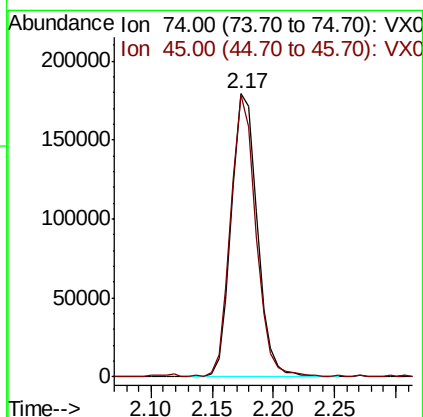
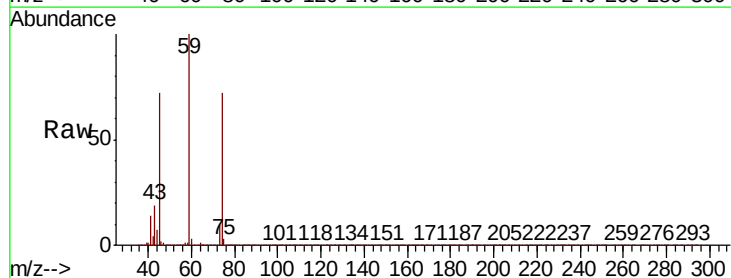
Tot Ion:101 Resp: 579634
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

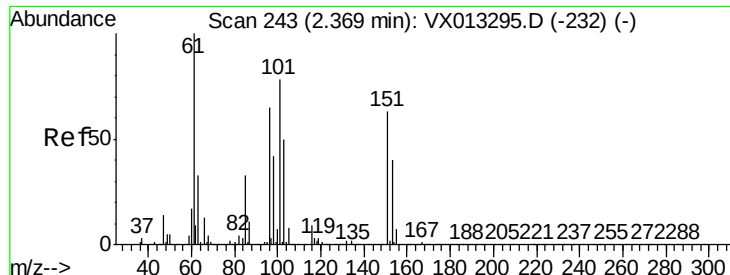


#8

Diethyl Ether
Concen: 48.134 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion: 74 Resp: 263174
Ion Ratio Lower Upper
74 100
45 95.3 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.167 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

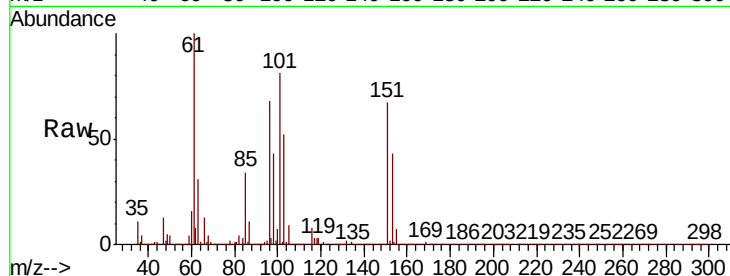
Tot Ion:101 Resp: 366387

Ion Ratio Lower Upper

101 100

85 42.1 34.4 51.6

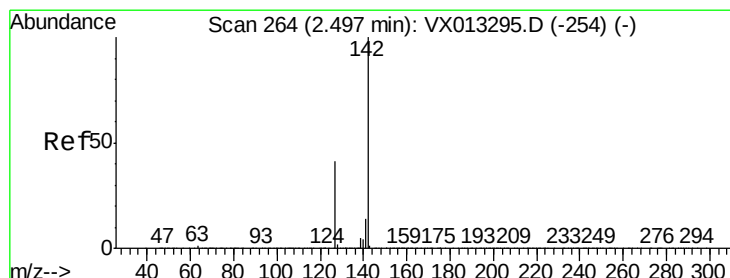
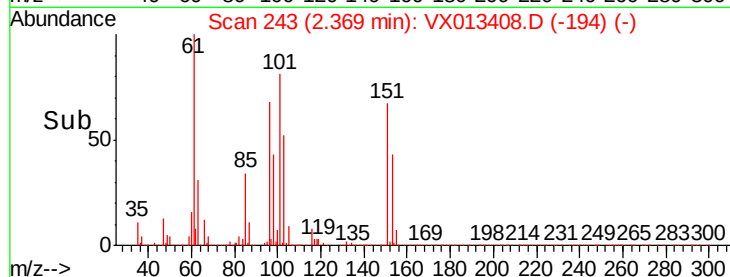
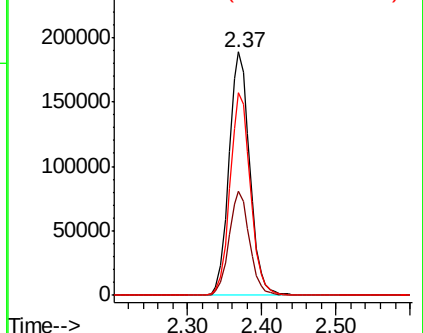
151 82.1 66.4 99.6



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: 51.280 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

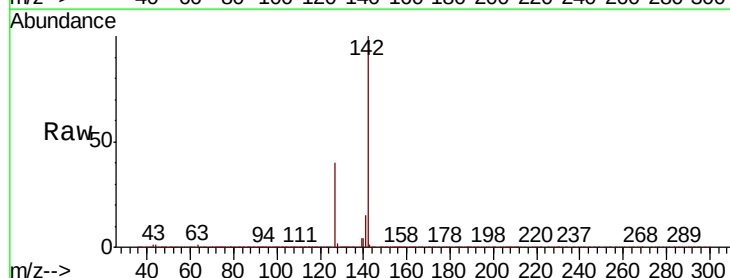
Tgt Ion:142 Resp: 437519

Ion Ratio Lower Upper

142 100

127 39.7 32.6 49.0

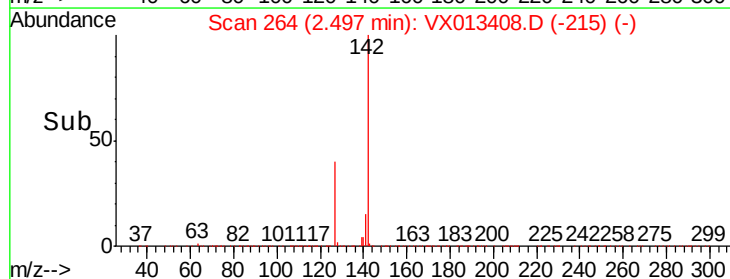
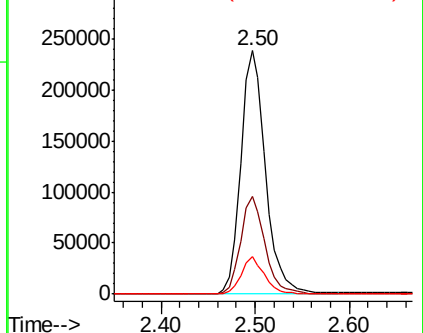
141 14.3 11.6 17.4

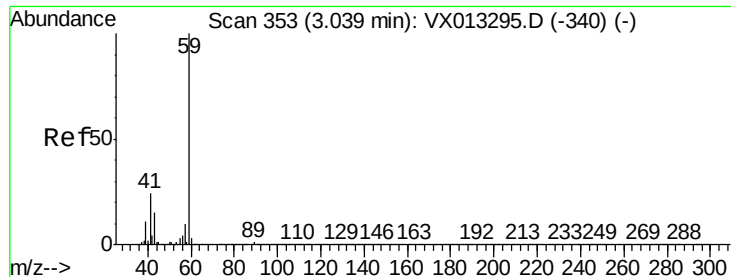


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



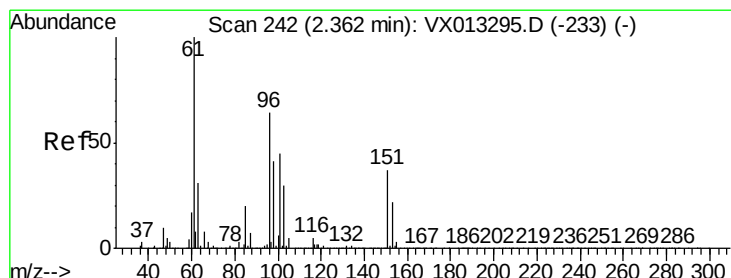
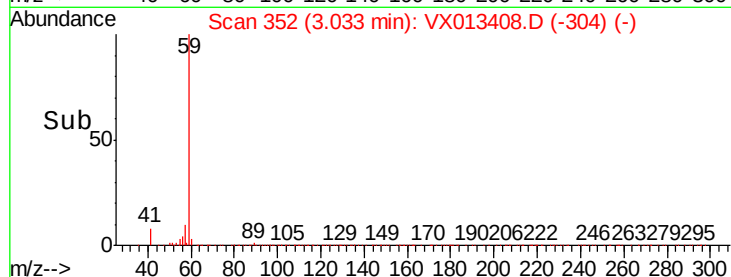
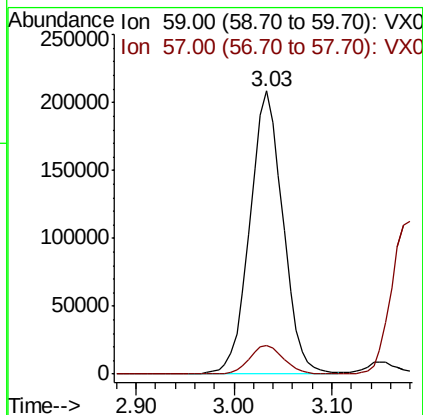
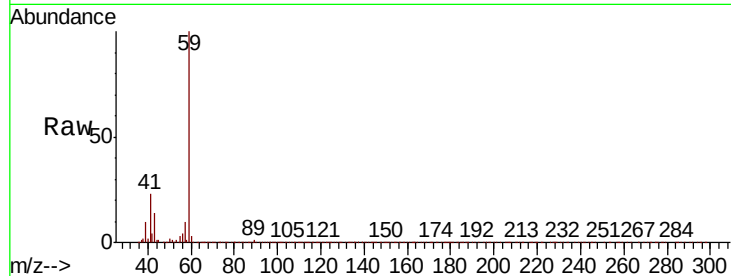


#11

Tert butyl alcohol
Concen: 213.120 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

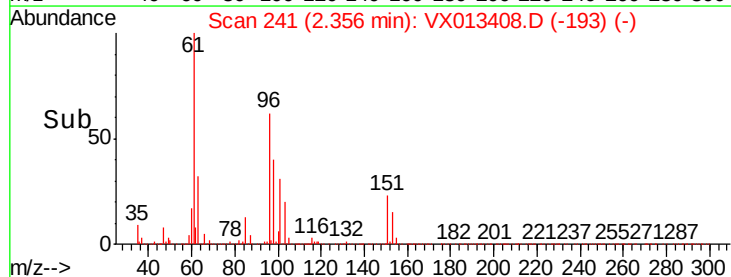
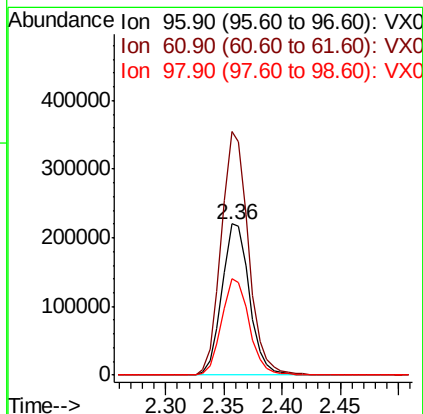
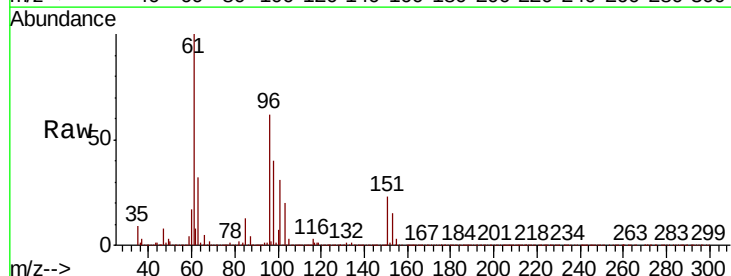
Tot Ion: 59 Resp: 489583
Ion Ratio Lower Upper
59 100
57 10.4 8.0 12.0

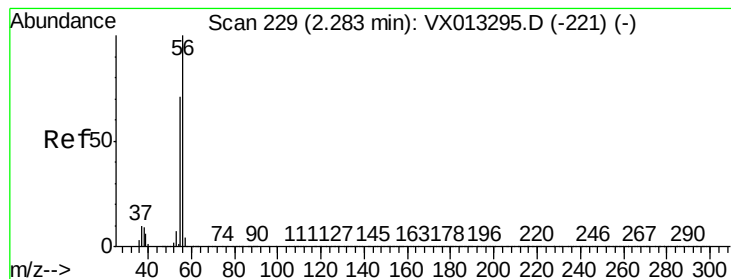


#12

1,1-Dichloroethene
Concen: 53.254 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion: 96 Resp: 359376
Ion Ratio Lower Upper
96 100
61 161.5 125.0 187.6
98 64.0 50.7 76.1





#13

Acrolein

Concen: 293.120 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

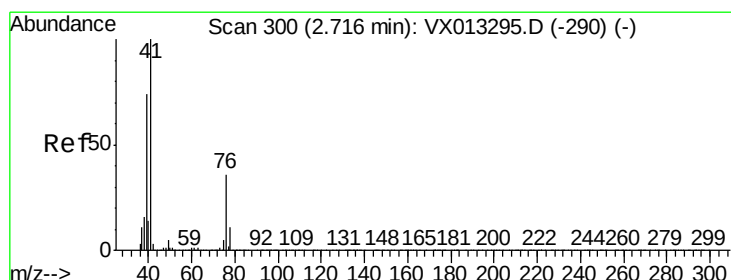
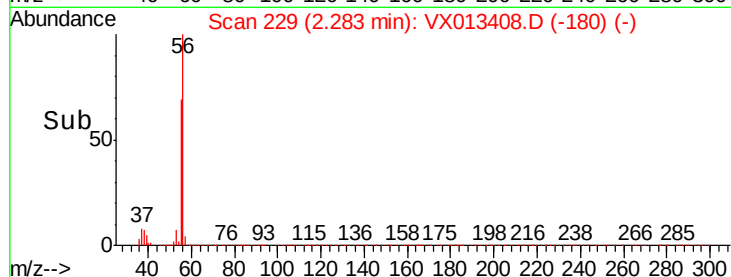
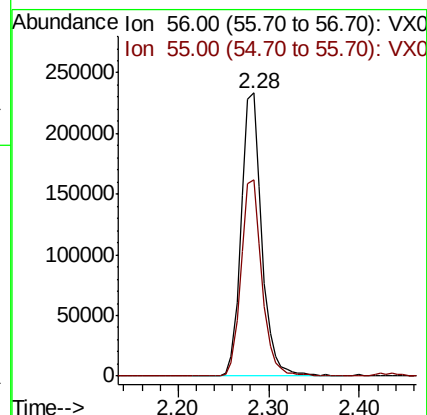
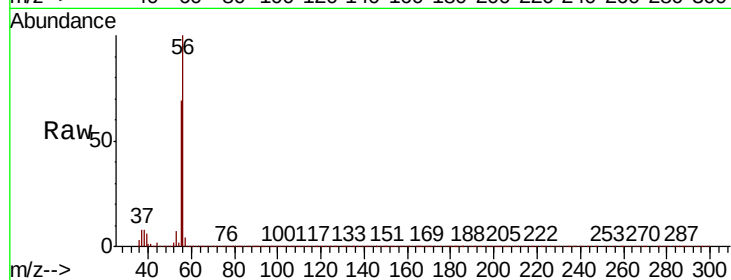
VSTDCCC050EC

Tot Ion: 56 Resp: 364942

Ion Ratio Lower Upper

56 100

55 70.0 57.4 86.0



#14

Allyl chloride

Concen: 52.234 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

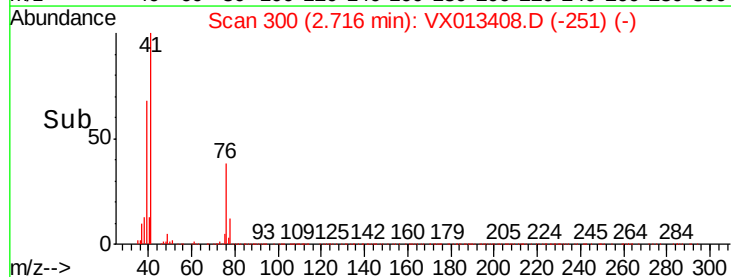
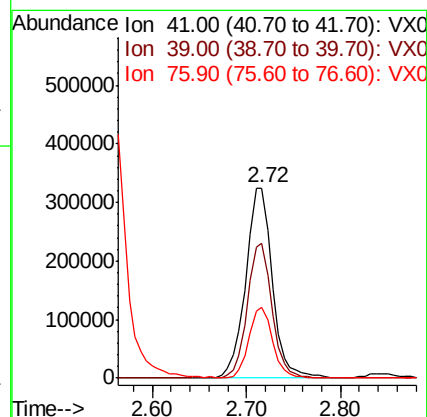
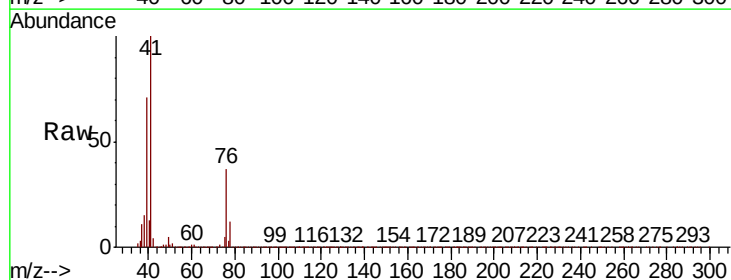
Tgt Ion: 41 Resp: 640471

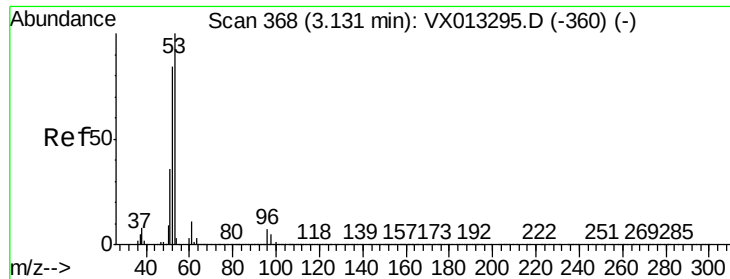
Ion Ratio Lower Upper

41 100

39 65.7 55.8 83.8

76 33.3 26.4 39.6





#15

Acrylonitrile

Concen: 254.249 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

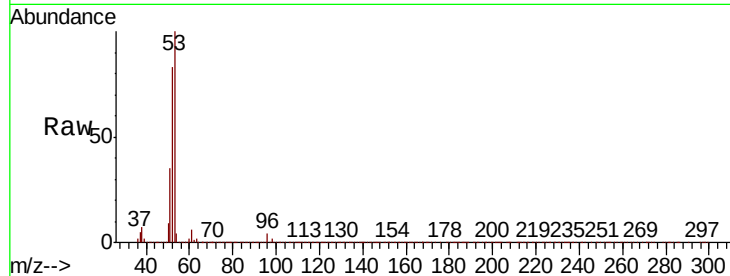
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1091009

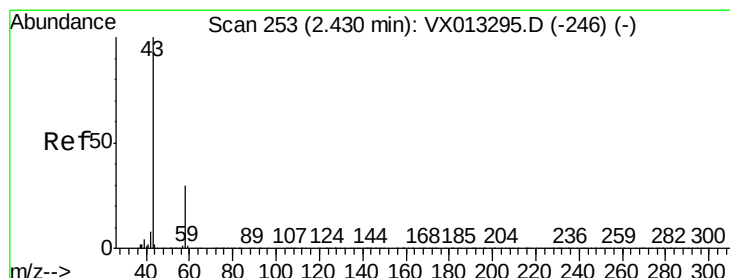
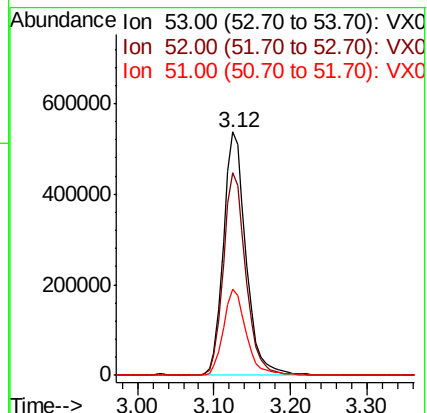
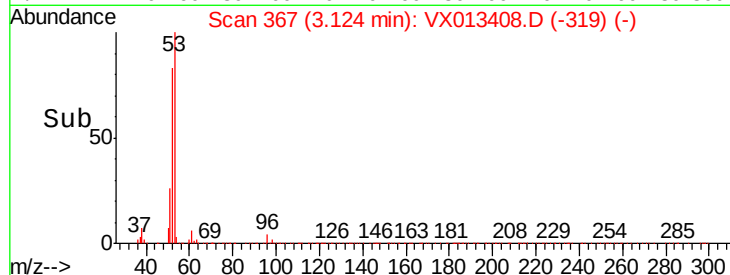
Ion	Ratio	Lower	Upper
53	100		
52	82.6	67.4	101.0
51	35.8	29.4	44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 218.069 ug/l

RT: 2.43 min Scan# 253

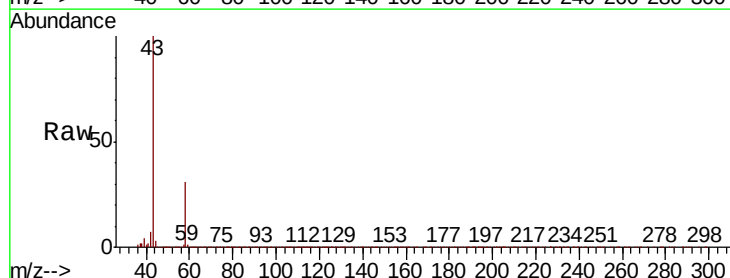
Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

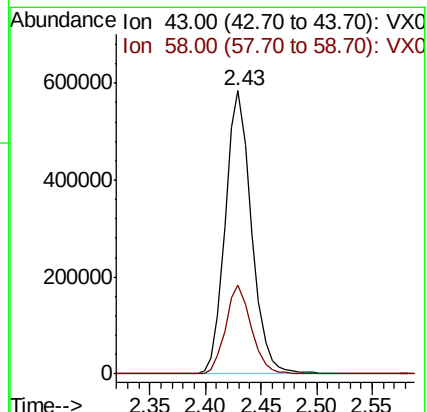
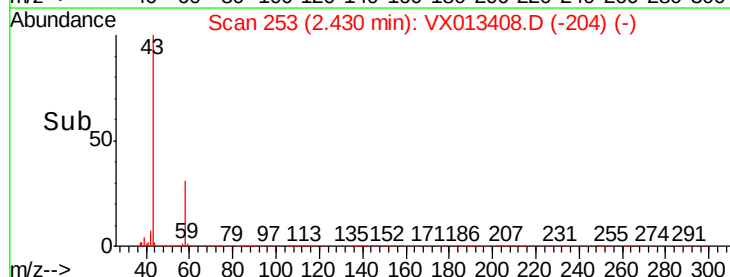
Tgt Ion: 43 Resp: 948013

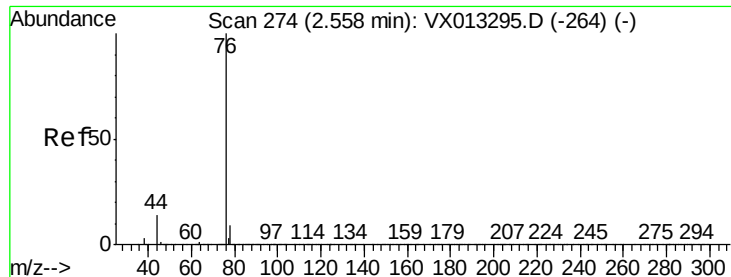
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.312 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

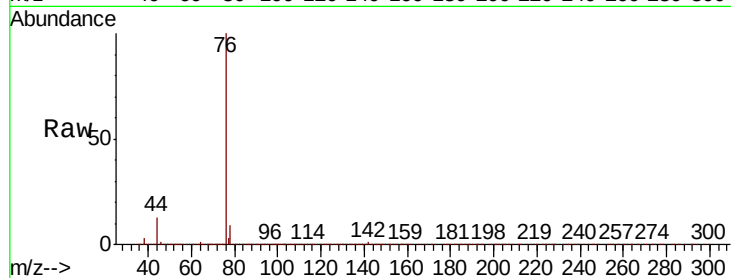
VSTDCCC050EC

Tot Ion: 76 Resp: 908746

Ion Ratio Lower Upper

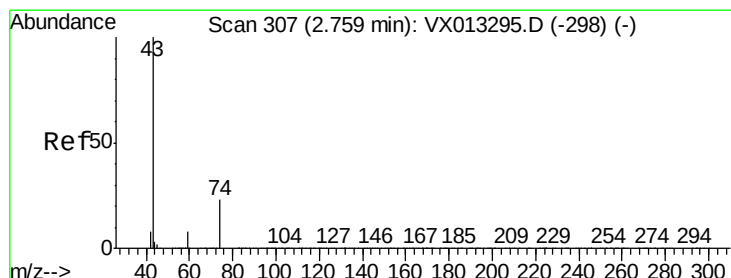
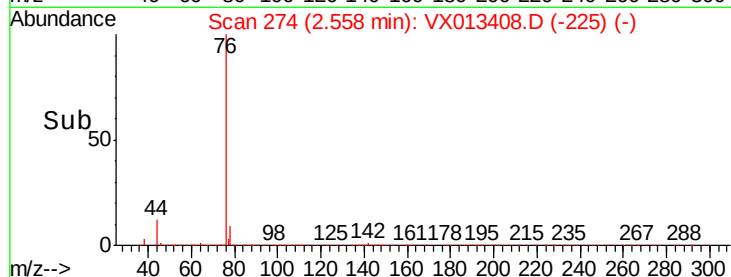
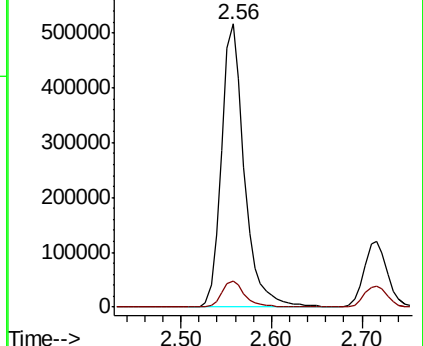
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.026 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013408.D

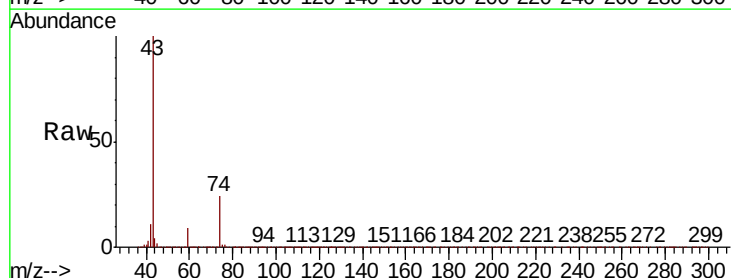
Acq: 13 Nov 2019 16:13

Tgt Ion: 43 Resp: 636417

Ion Ratio Lower Upper

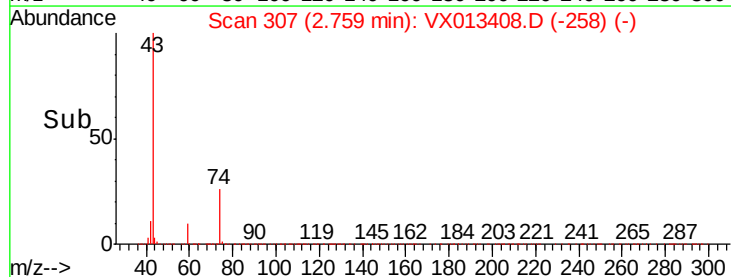
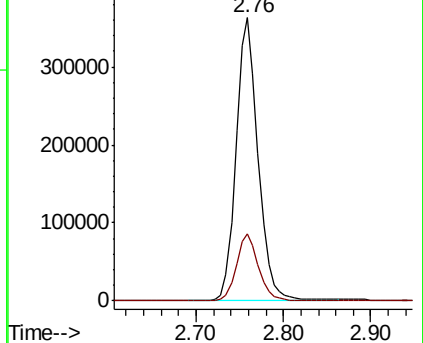
43 100

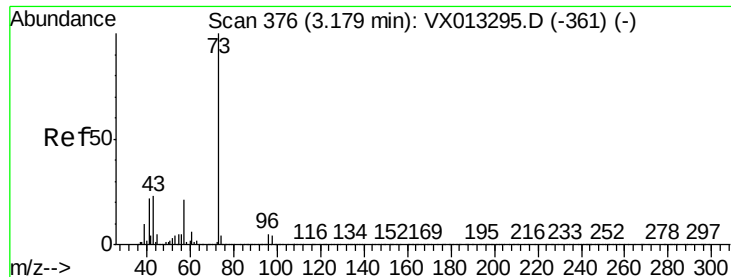
74 23.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

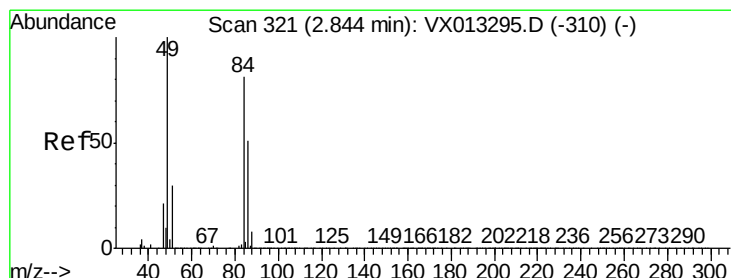
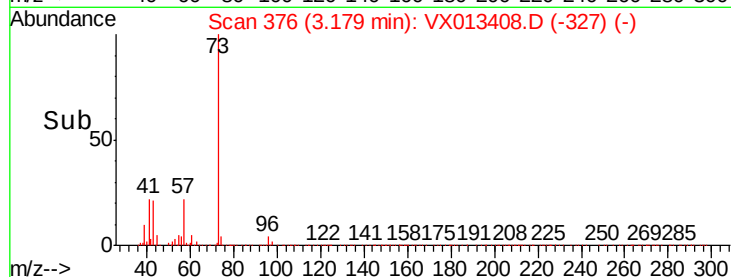
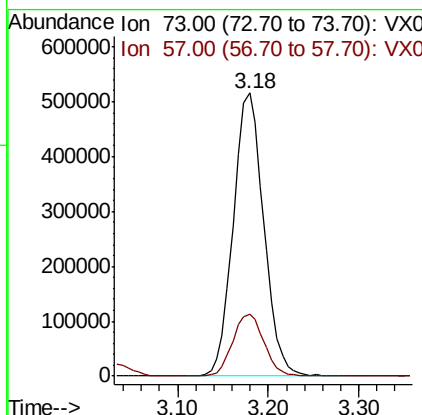
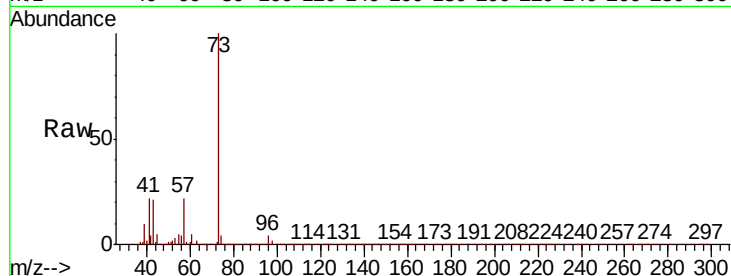




#19
Methyl tert-butyl Ether
Concen: 53.485 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

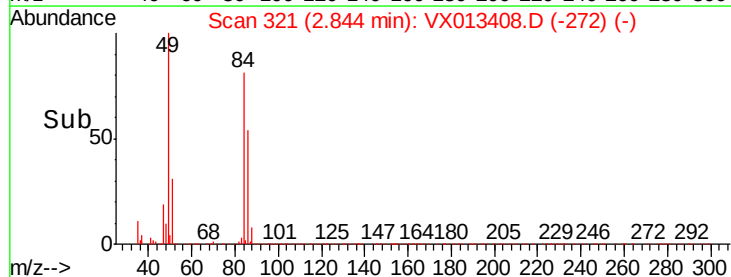
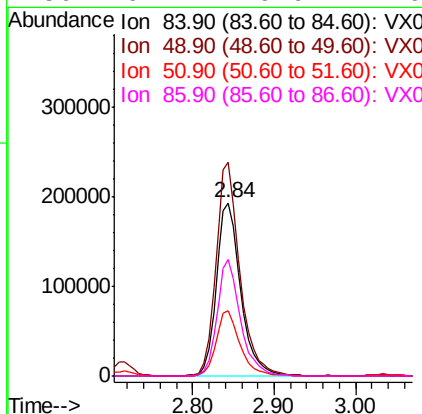
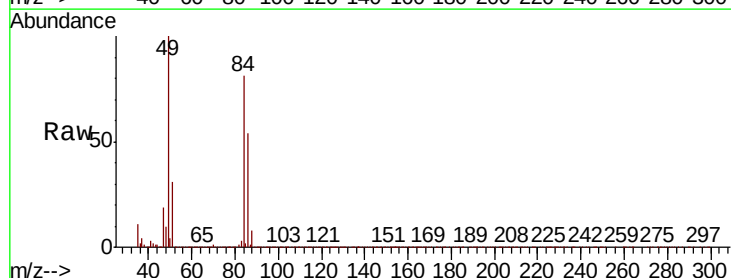
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

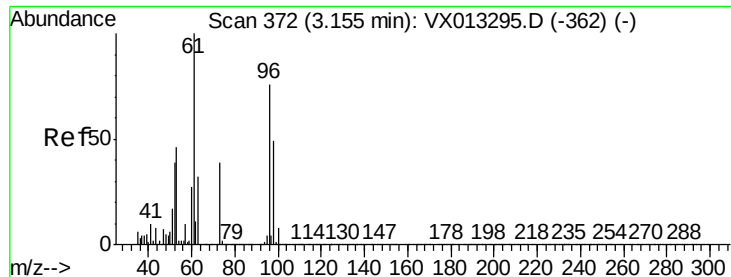
Tot Ion: 73 Resp: 1203838
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7



#20
Methylene Chloride
Concen: 49.756 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion: 84 Resp: 399653
Ion Ratio Lower Upper
84 100
49 123.4 98.2 147.4
51 37.7 29.9 44.9
86 67.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 51.872 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

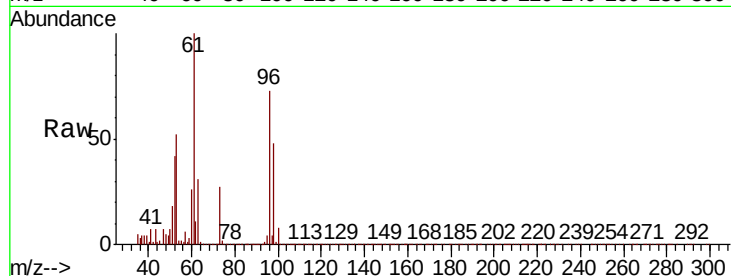
Tot Ion: 96 Resp: 381140

Ion Ratio Lower Upper

96 100

61 136.8 105.8 158.6

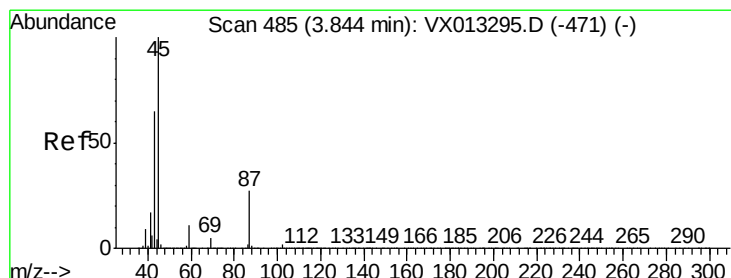
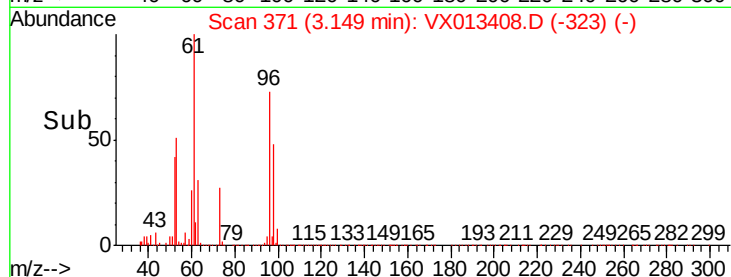
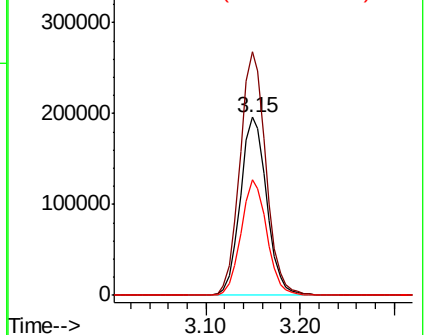
98 65.1 51.8 77.6



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: 54.118 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Tgt Ion: 45 Resp: 1281098

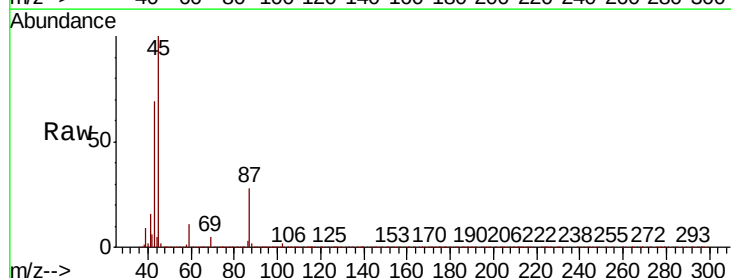
Ion Ratio Lower Upper

45 100

43 69.2 54.2 81.2

87 27.6 21.8 32.8

59 11.3 8.5 12.7

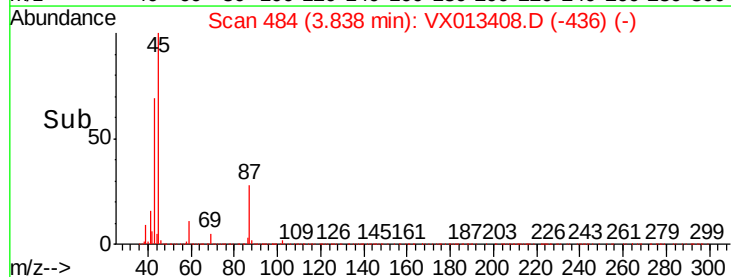
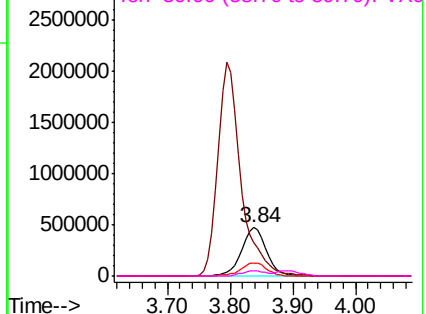


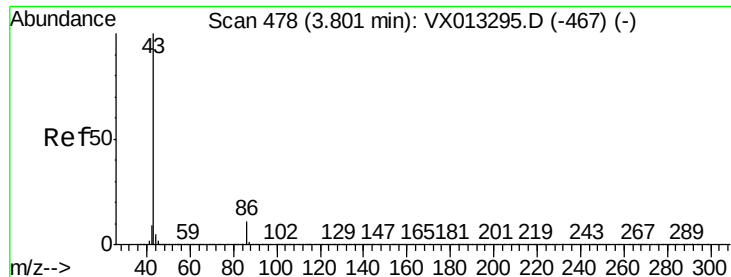
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 263.433 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

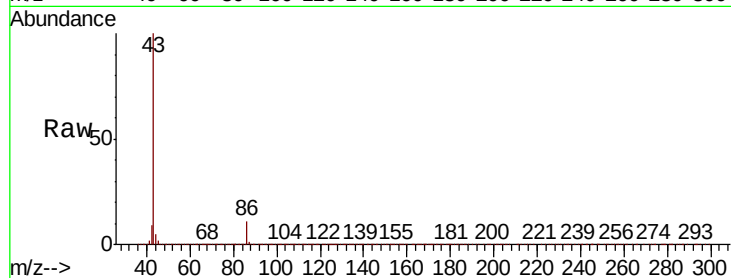
VSTDCCC050EC

Tot Ion: 43 Resp: 5336172

Ion Ratio Lower Upper

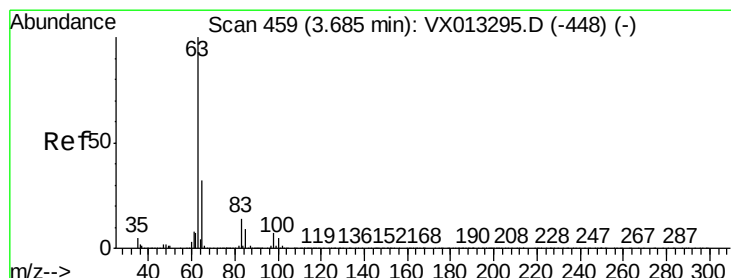
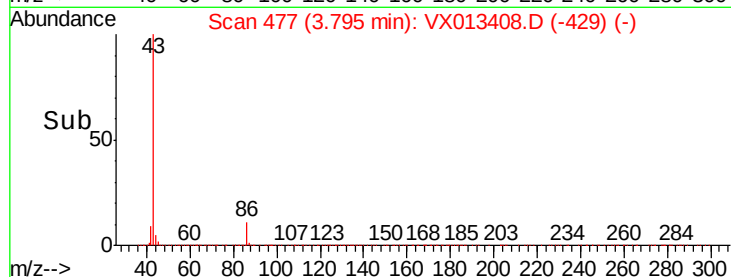
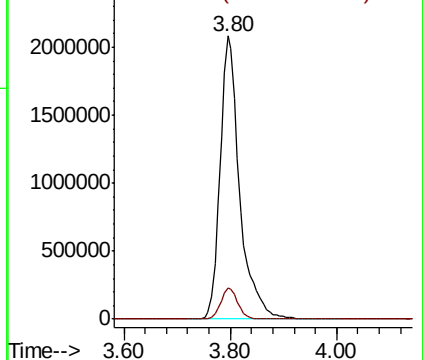
43 100

86 11.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.022 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

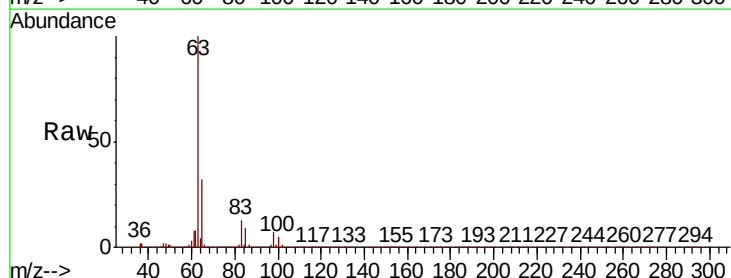
Tgt Ion: 63 Resp: 688896

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

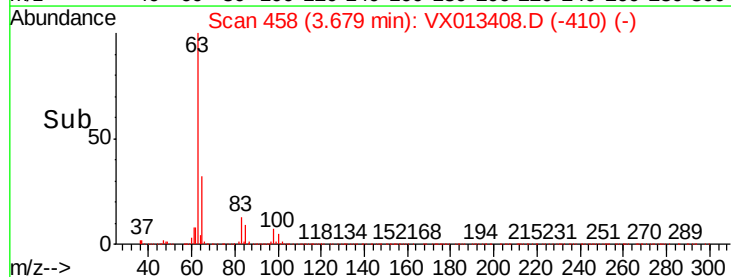
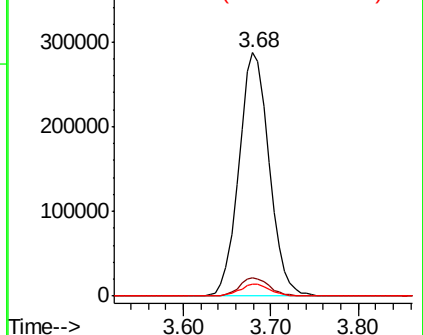
100 5.1 2.4 7.2

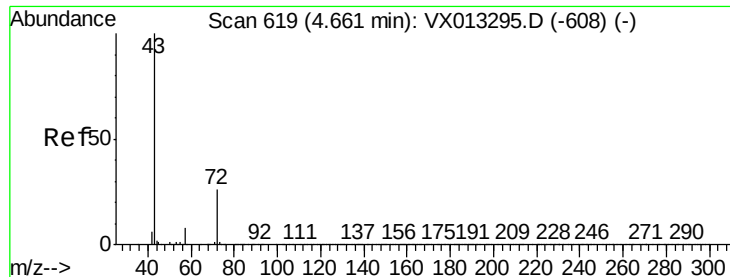


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 245.454 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

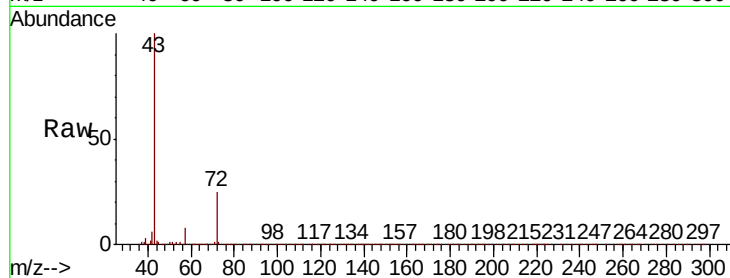
VSTDCCC050EC

Tot Ion: 43 Resp: 1565398

Ion Ratio Lower Upper

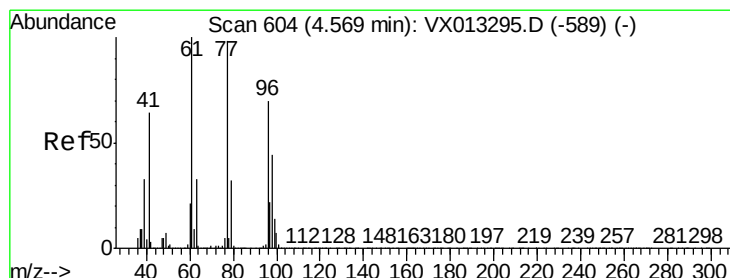
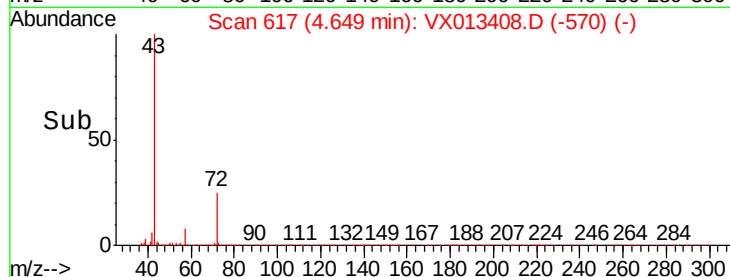
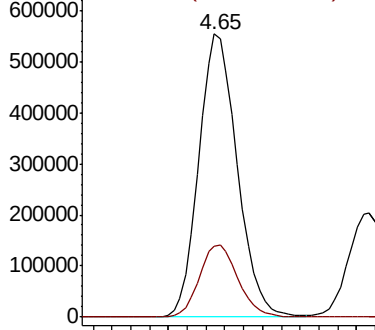
43 100

72 25.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.354 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013408.D

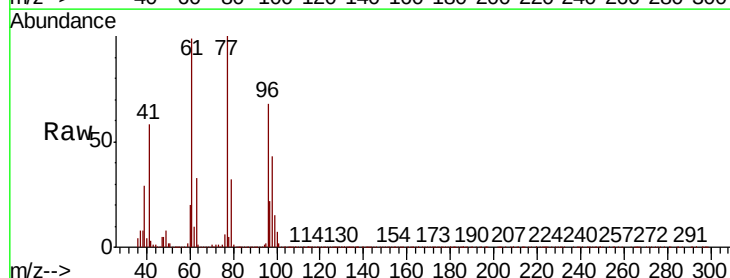
Acq: 13 Nov 2019 16:13

Tgt Ion: 77 Resp: 540995

Ion Ratio Lower Upper

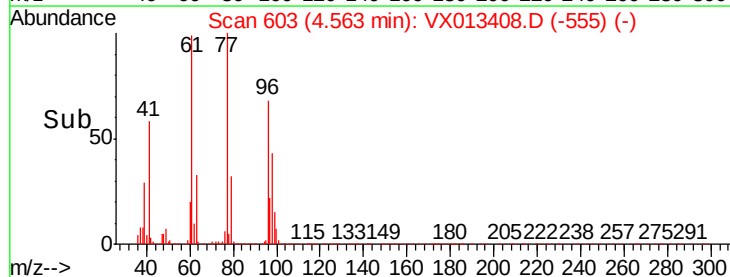
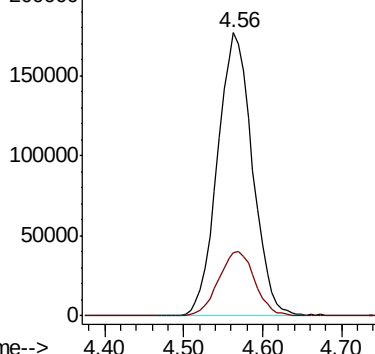
77 100

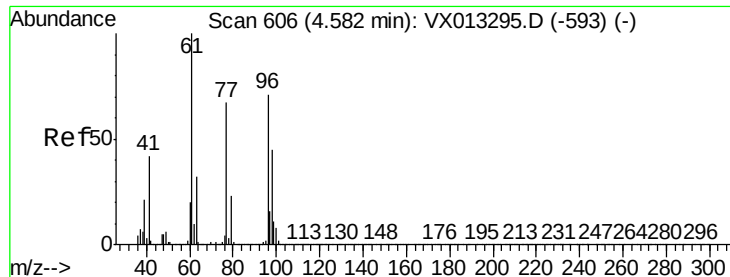
97 23.6 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



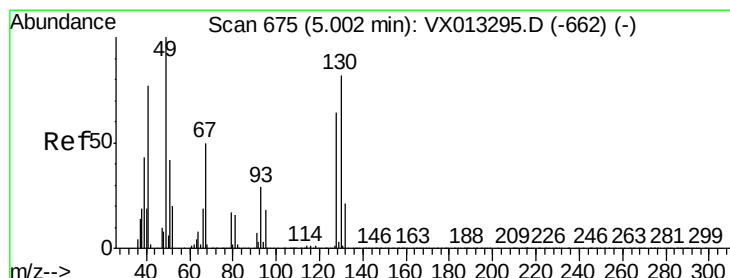
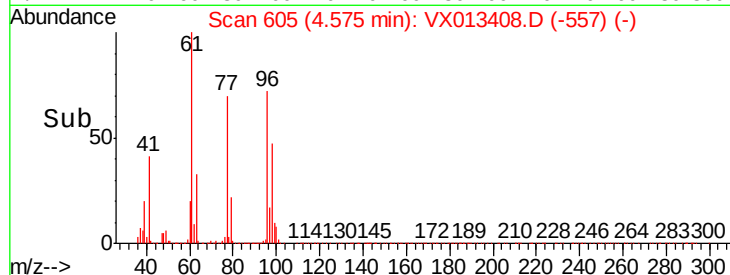
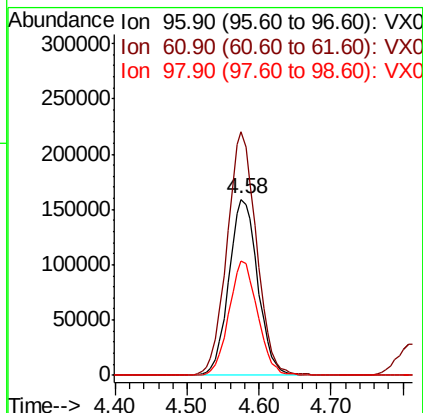
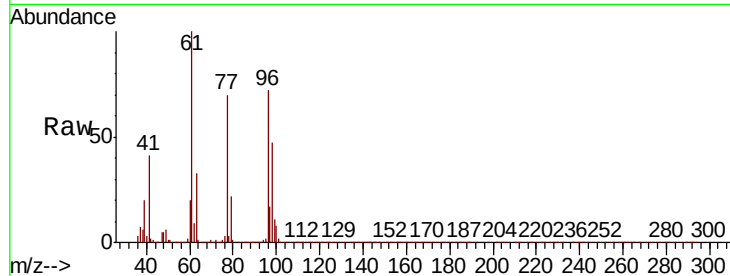


#27

cis-1,2-Dichloroethene
Concen: 54.093 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

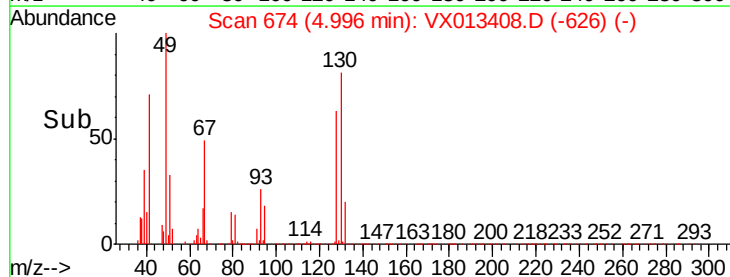
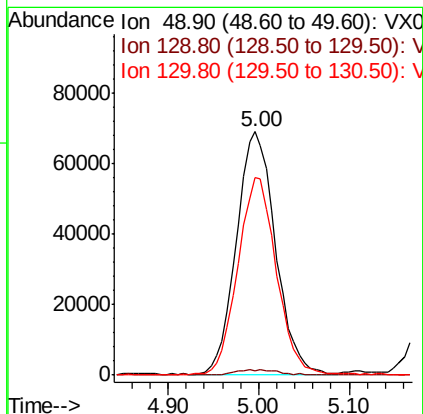
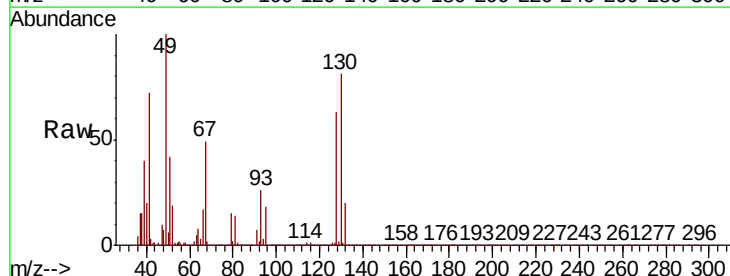
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	288.0
98	64.5	0.0	129.6

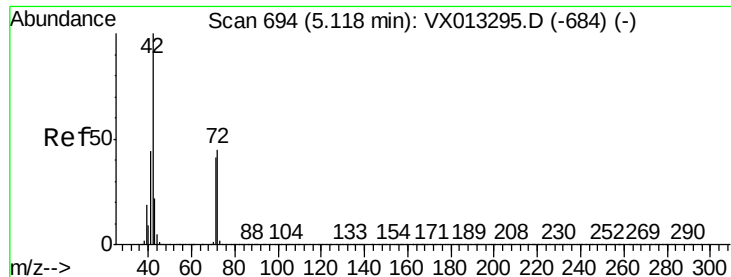


#28

Bromochloromethane
Concen: 54.631 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	80.0	63.8	95.6





#29

Tetrahydrofuran

Concen: 256.417 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

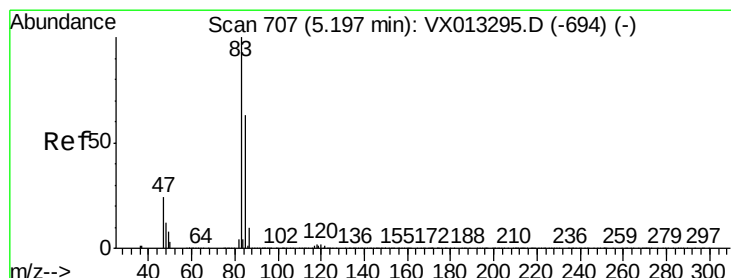
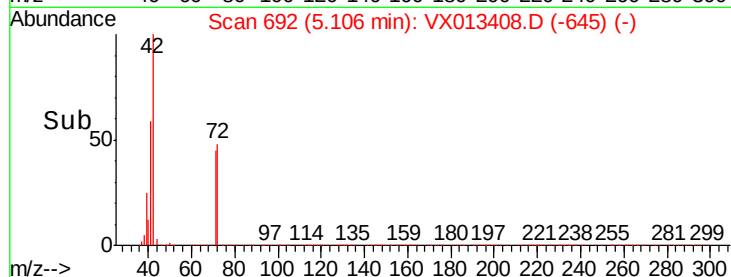
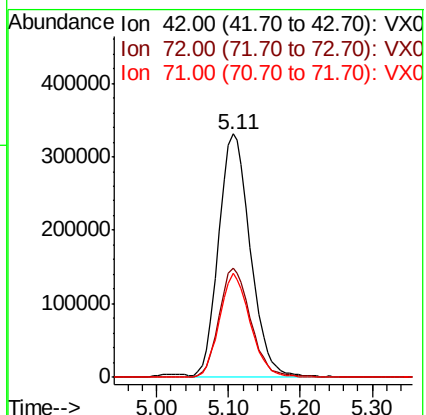
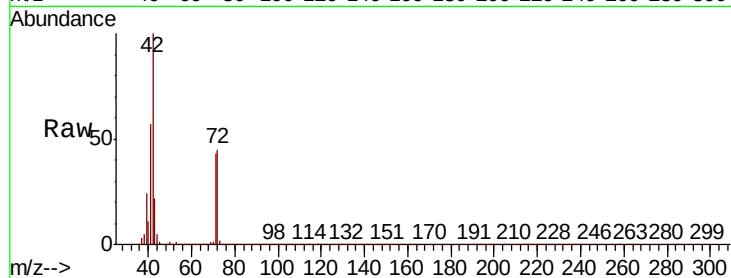
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 1007747

Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.8	53.8
71	41.4	33.4	50.0



#30

Chloroform

Concen: 52.123 ug/l

RT: 5.19 min Scan# 706

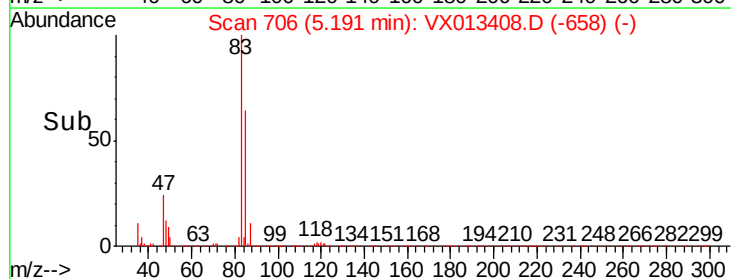
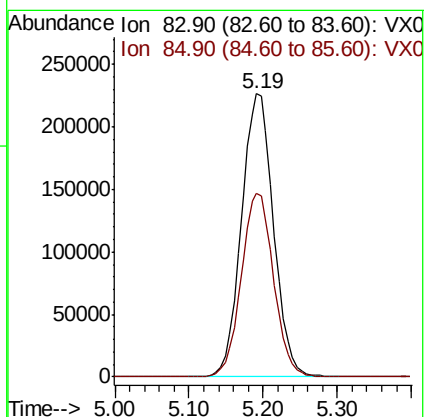
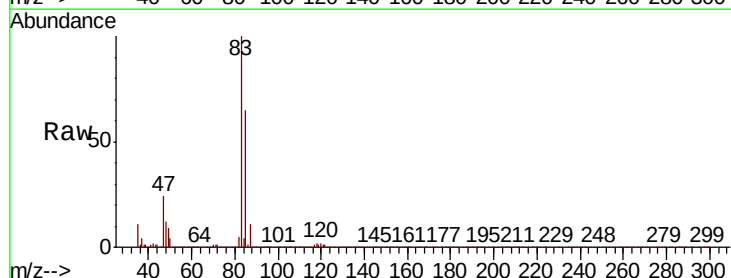
Delta R.T. -0.01 min

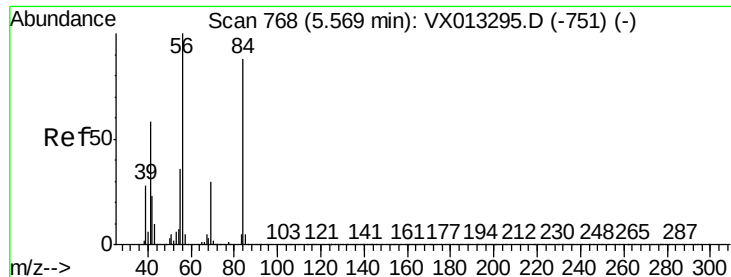
Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Tgt Ion: 83 Resp: 681563

Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.2	75.4

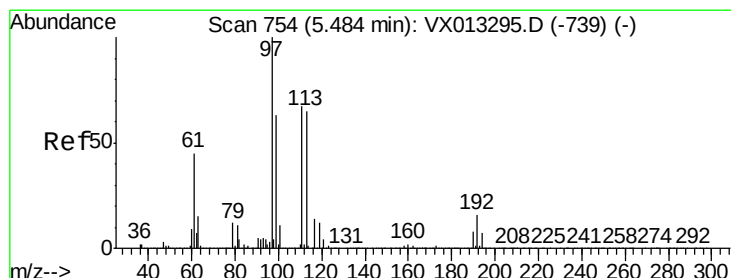
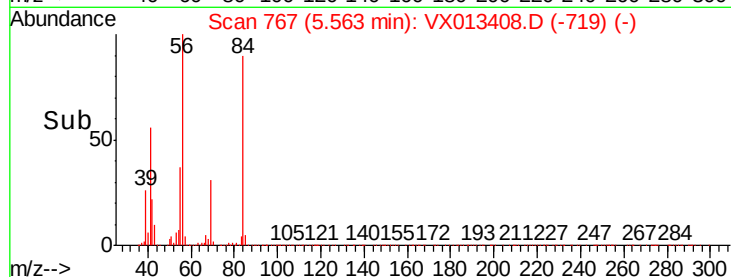
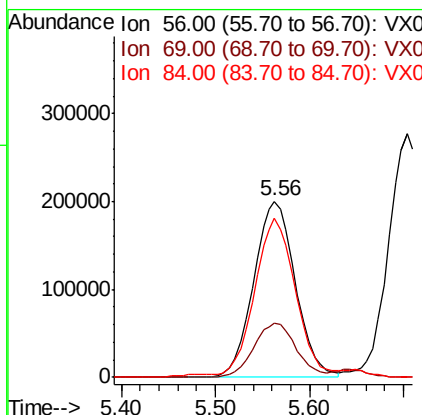
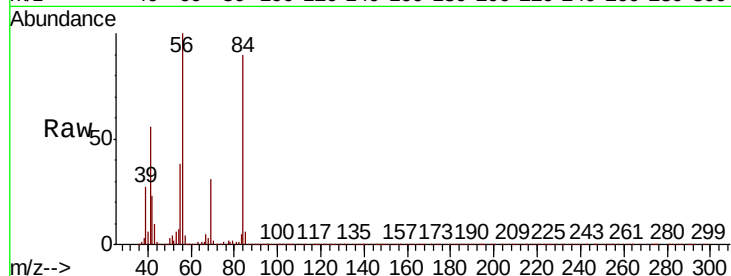




#31
Cyclohexane
Concen: 51.822 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

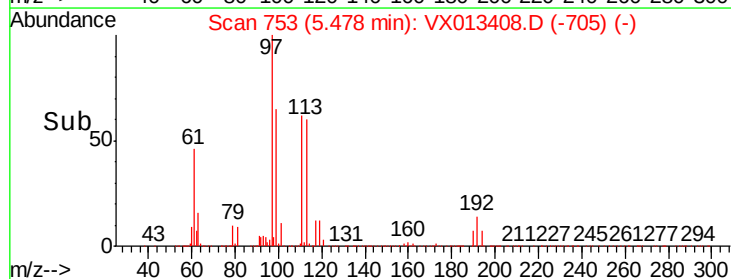
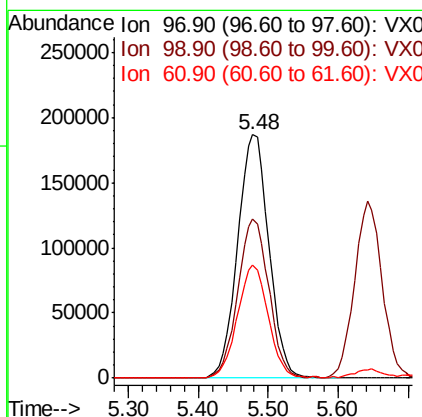
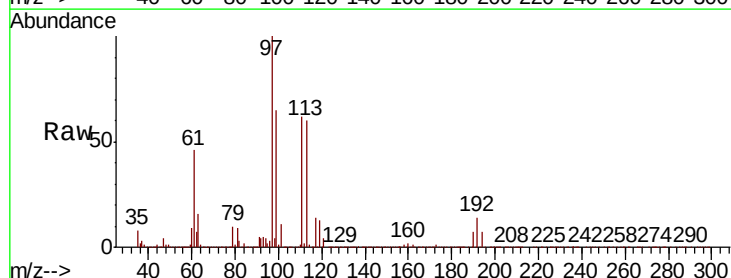
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

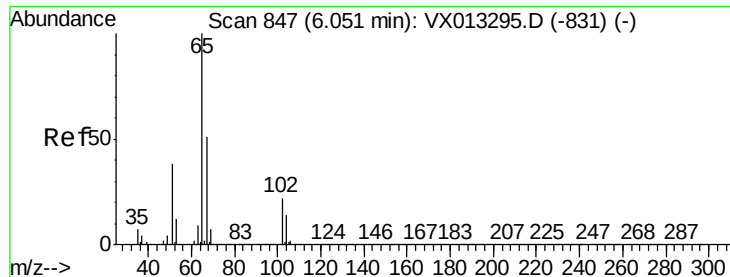
Tot Ion: 56 Resp: 617505
Ion Ratio Lower Upper
56 100
69 30.9 23.7 35.5
84 88.9 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 51.403 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion: 97 Resp: 578447
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 45.5 36.5 54.7

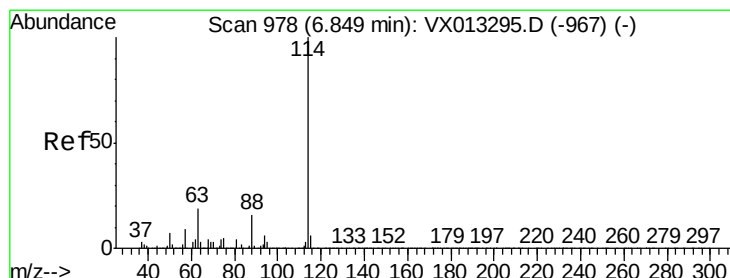
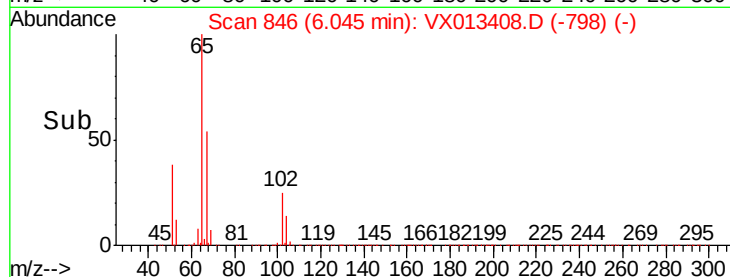
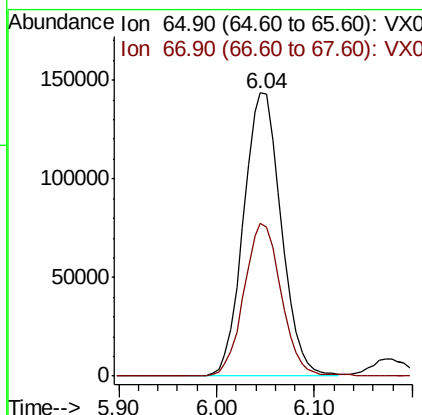
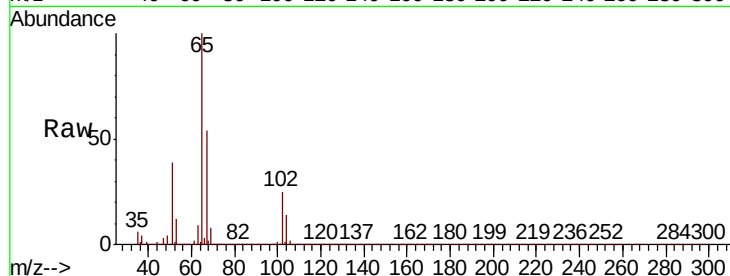




#33
 1,2-Dichloroethane-d4
 Concen: 43.880 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013408.D
 Acq: 13 Nov 2019 16:13

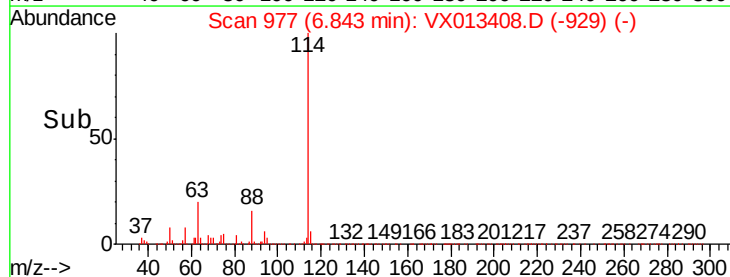
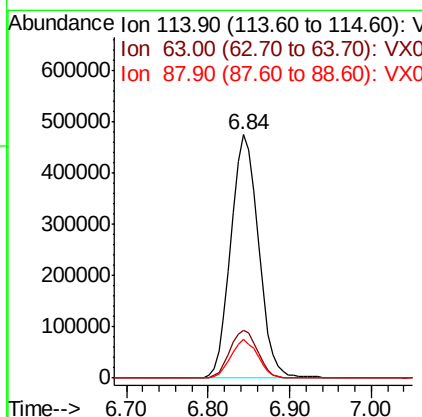
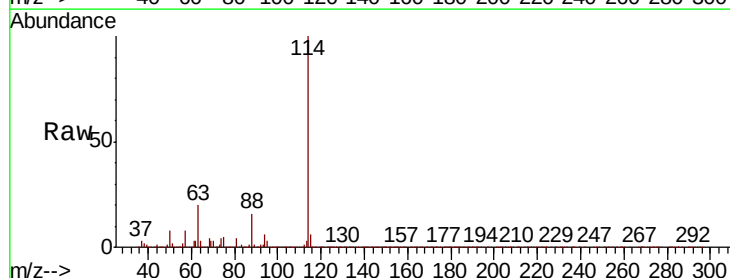
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

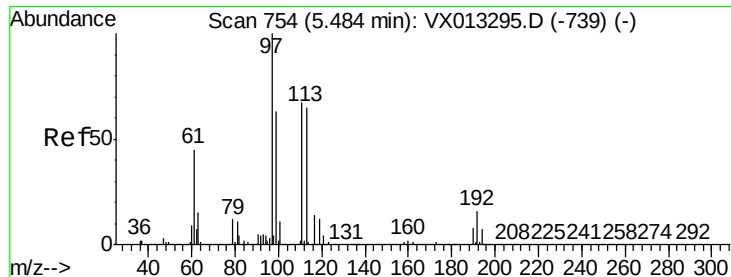
Tot Ion: 65 Resp: 382448
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013408.D
 Acq: 13 Nov 2019 16:13

Tgt Ion: 114 Resp: 1113508
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 15.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.807 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

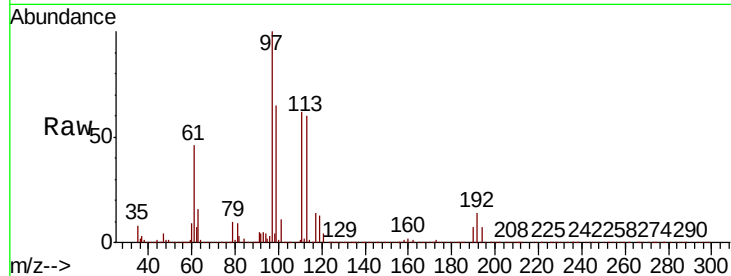
Tot Ion:113 Resp: 319916

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

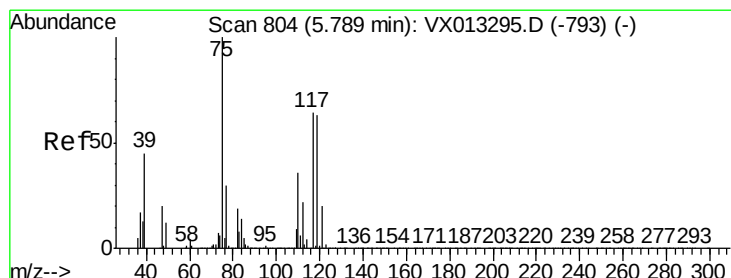
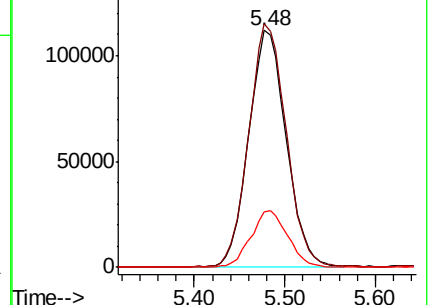
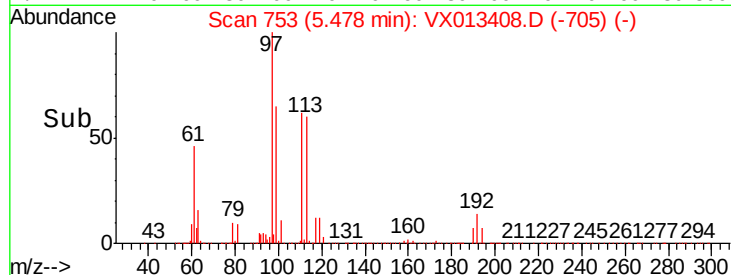
192 23.5 19.1 28.7



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: 53.951 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

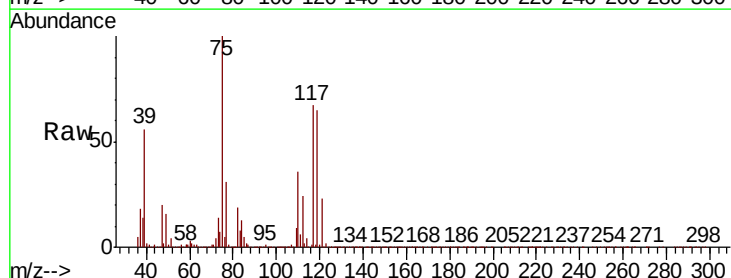
Tgt Ion: 75 Resp: 515367

Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.1

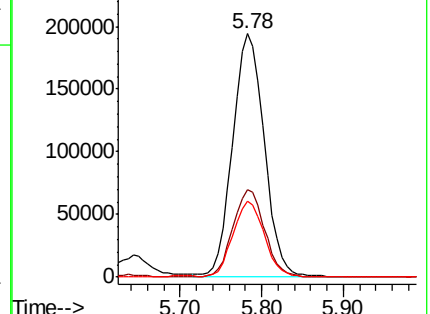
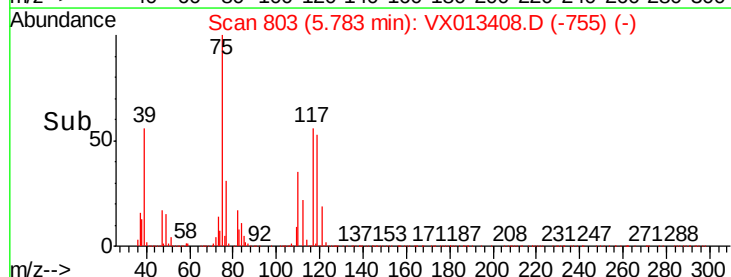
77 30.8 25.0 37.4

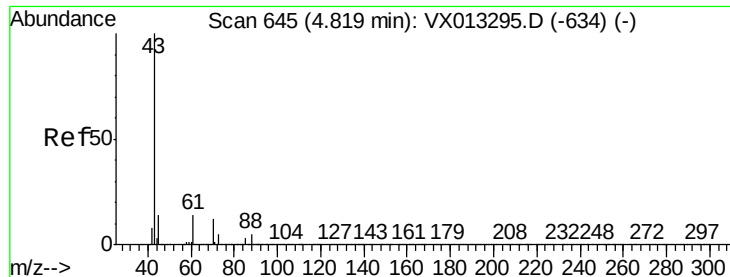


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

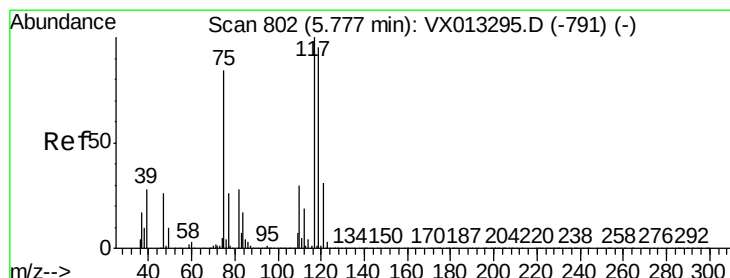
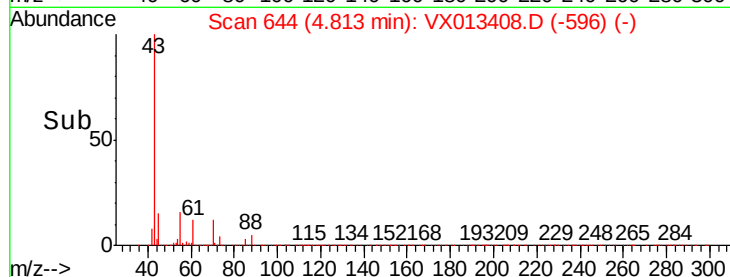
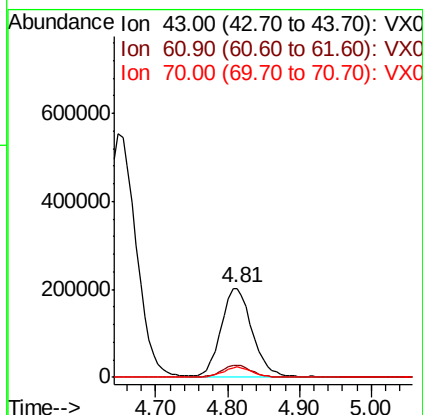
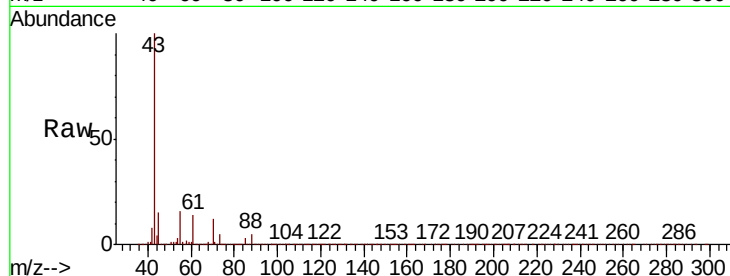




#37
Ethyl Acetate
Concen: 51.023 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

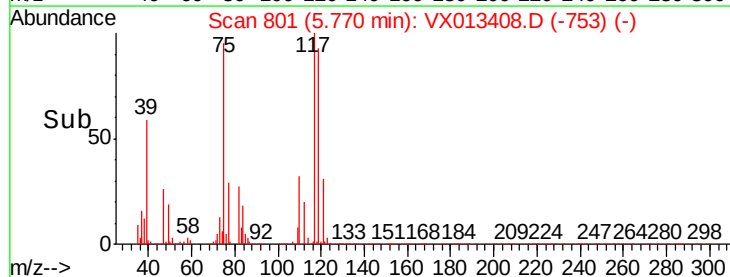
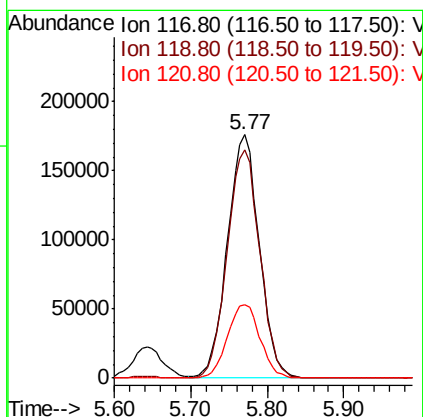
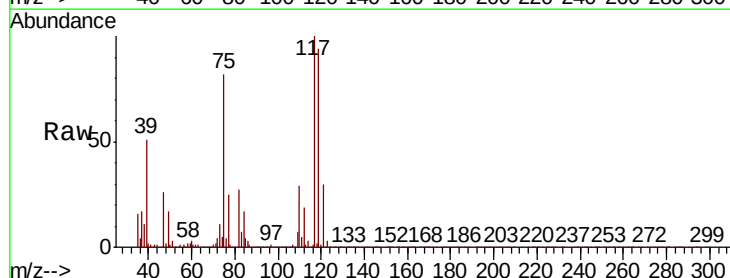
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

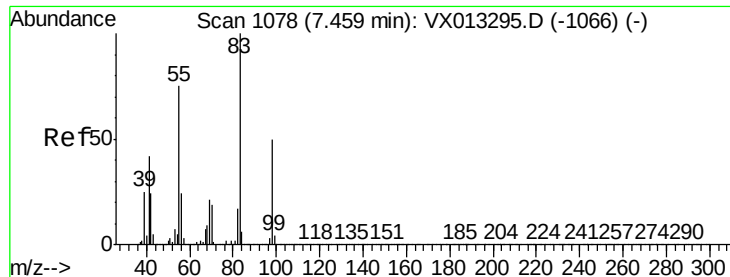
Tot Ion: 43 Resp: 602266
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 11.4 8.7 13.1



#38
Carbon Tetrachloride
Concen: 54.078 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion: 117 Resp: 505150
Ion Ratio Lower Upper
117 100
119 93.7 76.1 114.1
121 30.0 24.6 37.0

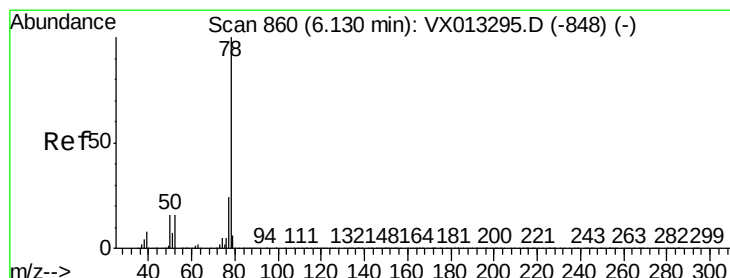
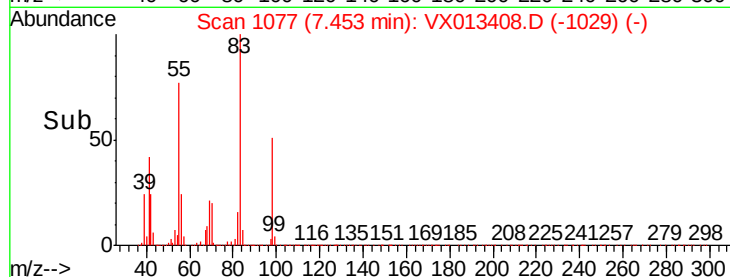
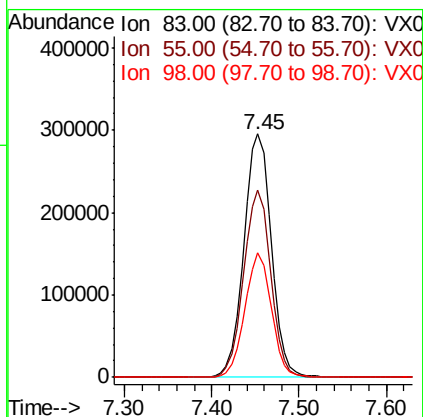
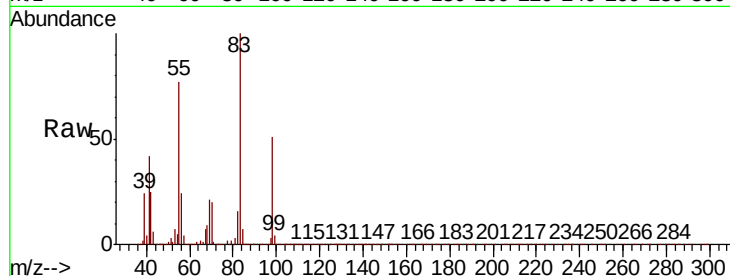




#39
Methylvlcyclohexane
Concen: 54.149 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

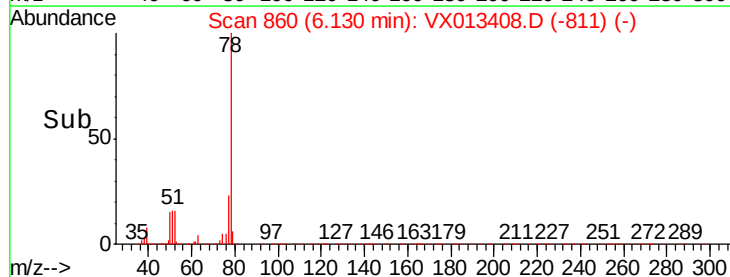
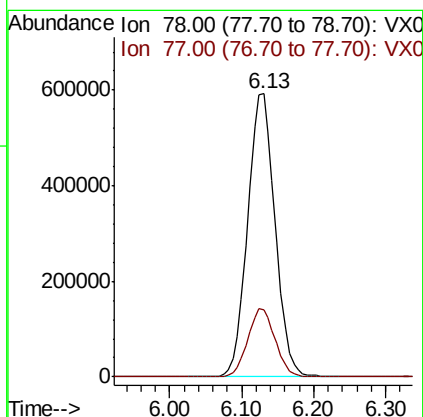
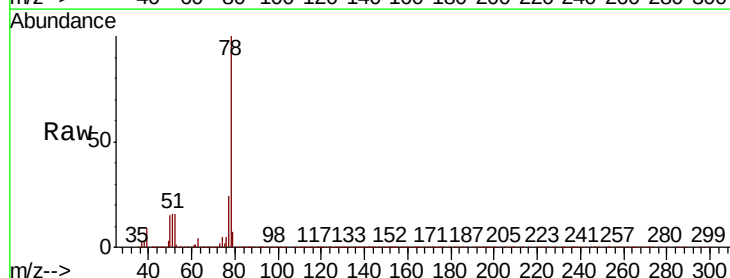
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

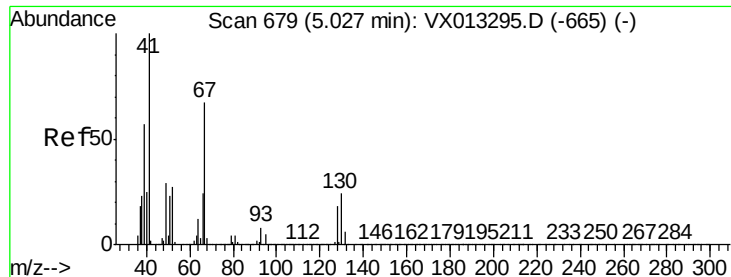
Tot Ion	83	Resp	644522
Ion Ratio	Lower	Upper	
83	100		
55	76.7	60.3	90.5
98	50.9	40.3	60.5



#40
Benzene
Concen: 52.664 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion	78	Resp	1567074
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.5	29.3





#41

Methacrylonitrile

Concen: 51.601 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 341392

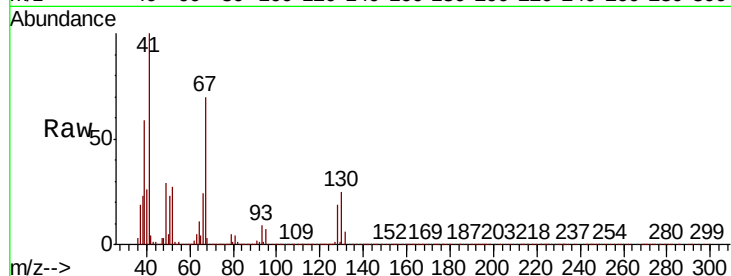
Ion Ratio Lower Upper

41 100

39 54.7 45.0 67.6

67 71.5 55.4 83.2

52 27.4 23.1 34.7



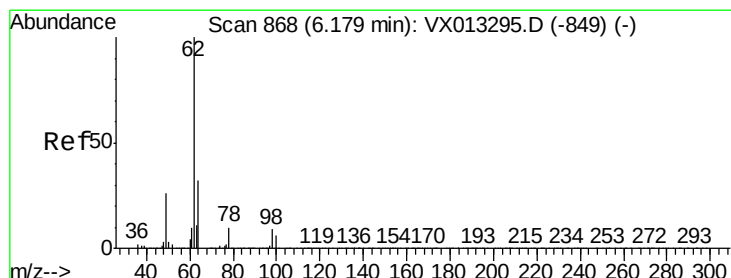
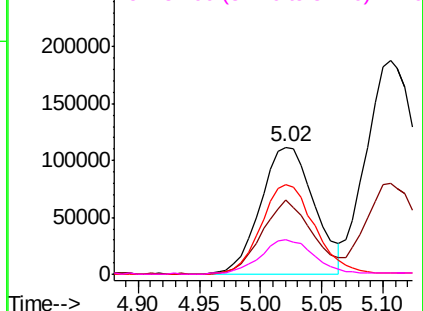
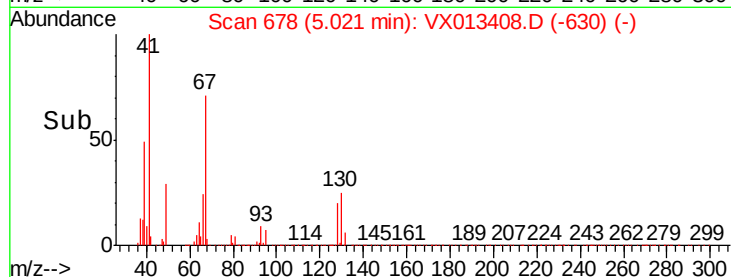
Abundance

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: 51.046 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013408.D

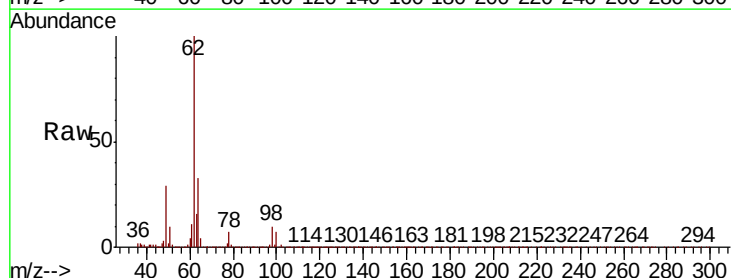
Acq: 13 Nov 2019 16:13

Tgt Ion: 62 Resp: 547877

Ion Ratio Lower Upper

62 100

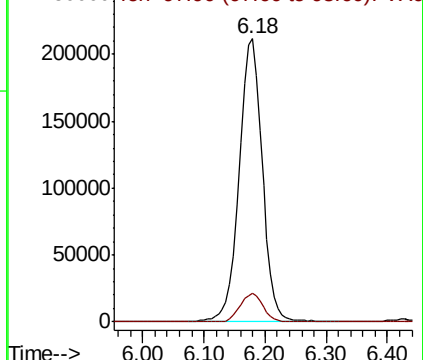
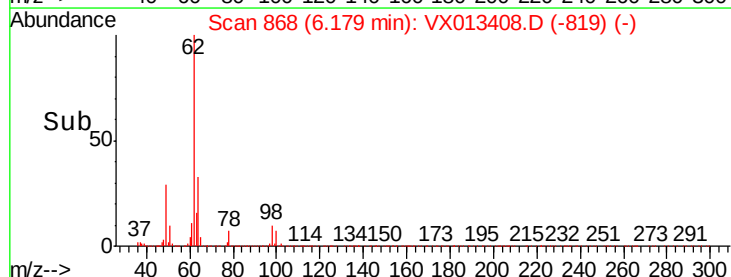
98 10.1 0.0 19.4

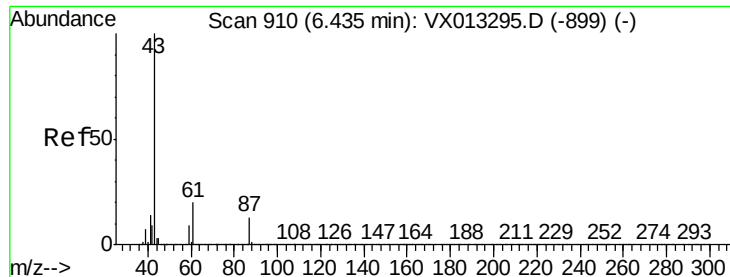


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.301 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

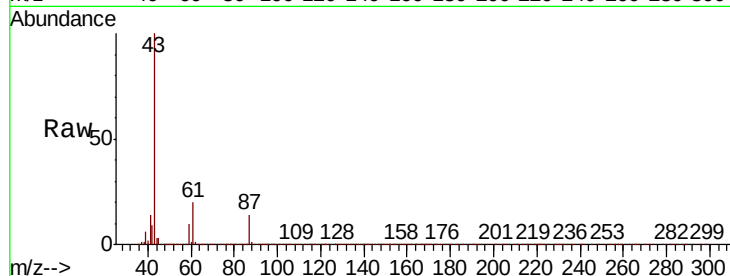
Tot Ion: 43 Resp: 979705

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

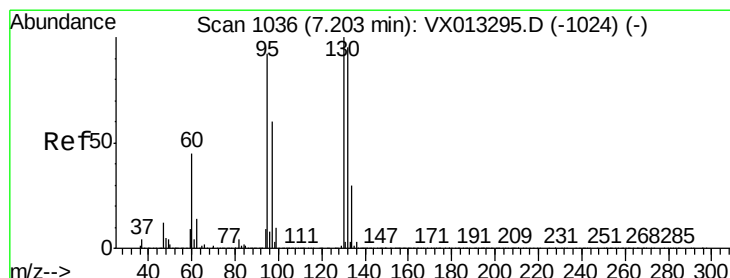
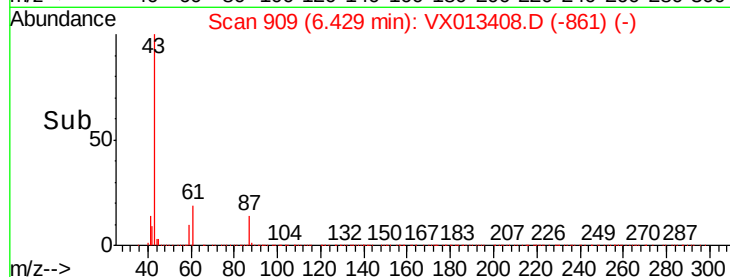
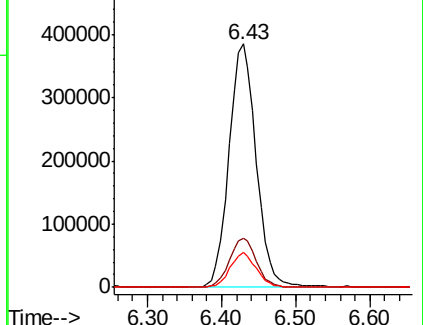
87 13.7 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.094 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VX013408.D

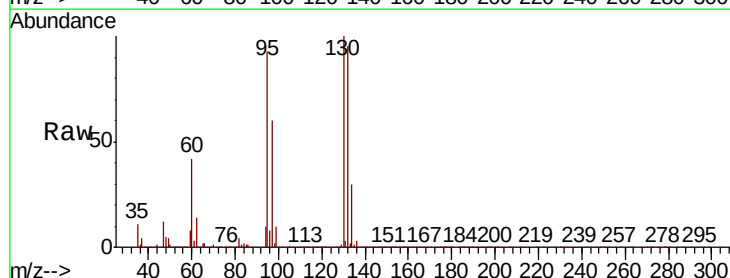
Acq: 13 Nov 2019 16:13

Tgt Ion:130 Resp: 426688

Ion Ratio Lower Upper

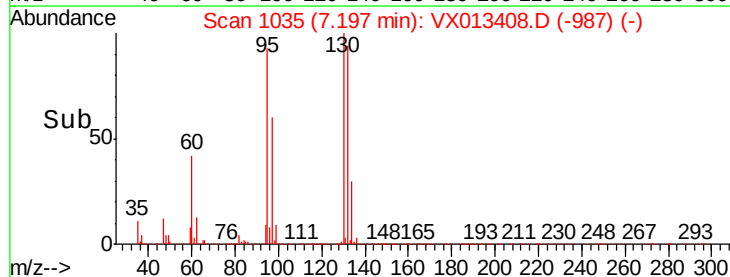
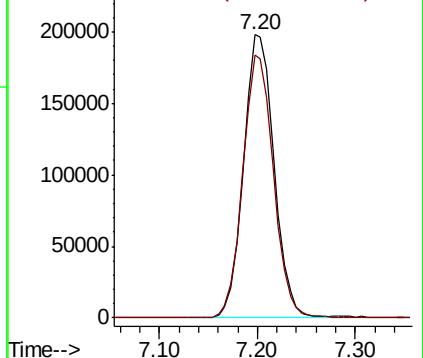
130 100

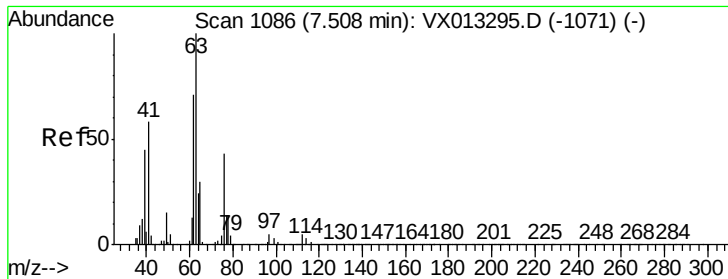
95 92.9 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

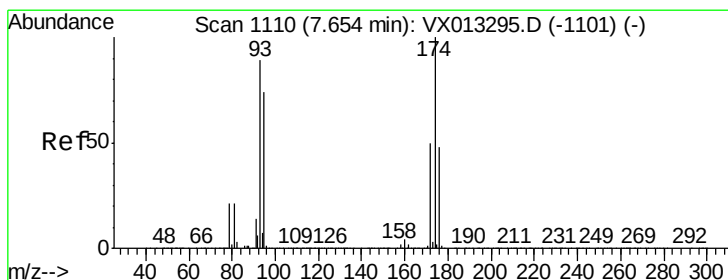
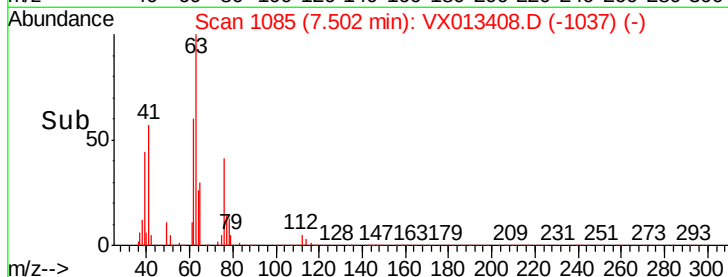
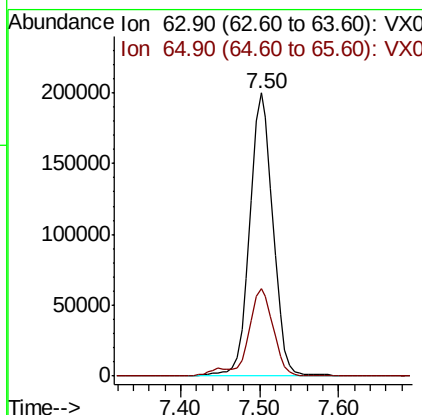
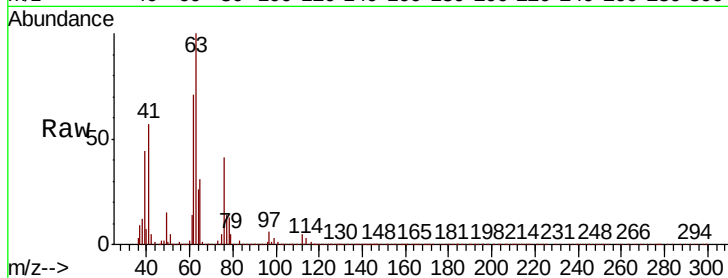




#45
 1,2-Dichloropropane
 Concen: 53.617 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013408.D
 Acq: 13 Nov 2019 16:13

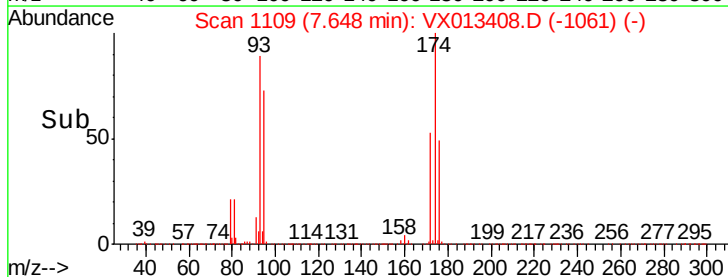
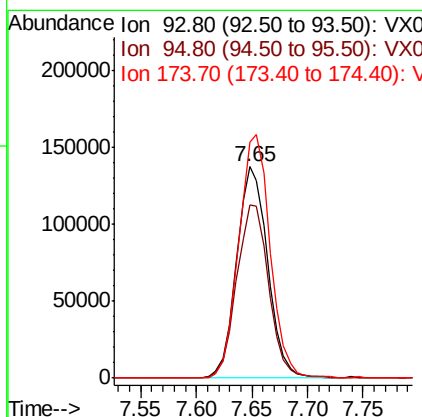
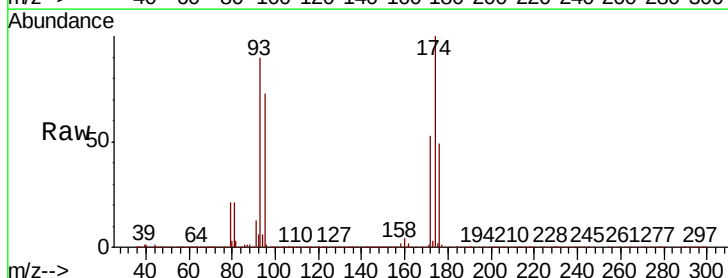
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

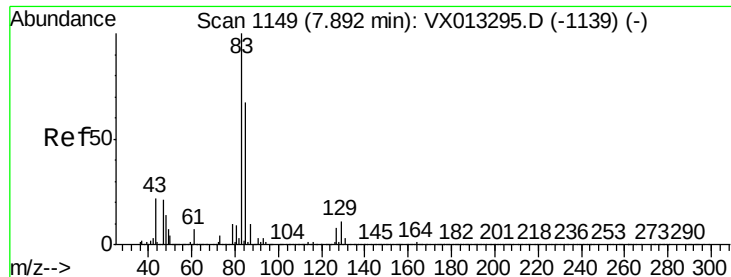
Tot Ion: 63 Resp: 406502
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 51.127 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013408.D
 Acq: 13 Nov 2019 16:13

Tgt Ion: 93 Resp: 264663
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.8 98.6
 174 117.1 90.4 135.6





#47

Bromodichloromethane

Concen: 55.156 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

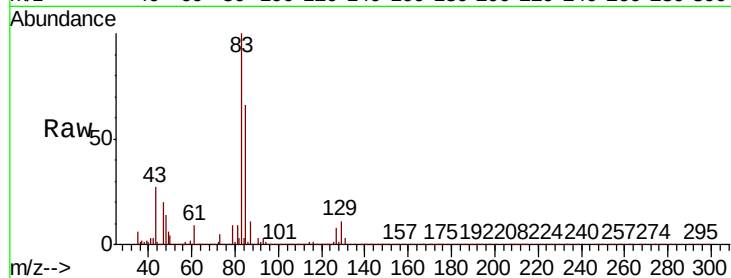
Tot Ion: 83 Resp: 538399

Ion Ratio Lower Upper

83 100

85 65.6 53.7 80.5

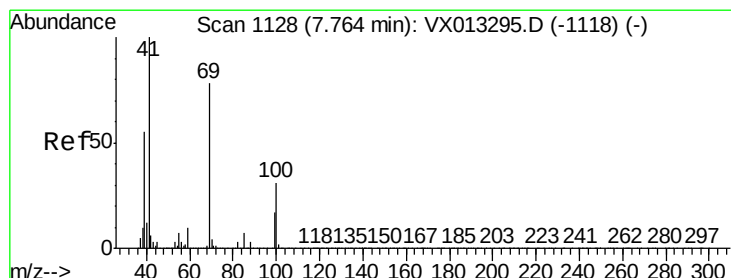
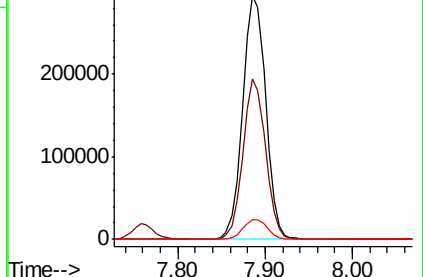
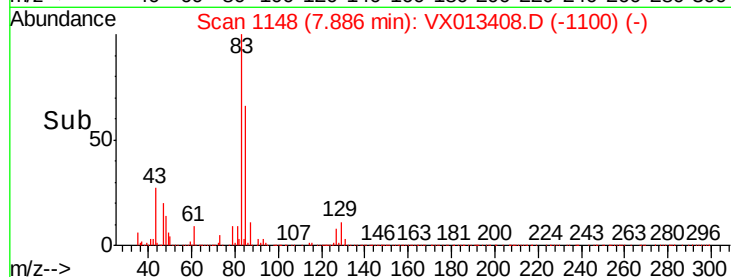
127 7.9 6.4 9.6



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: 53.860 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

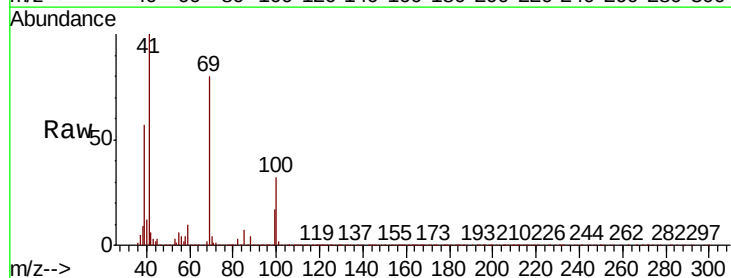
Tgt Ion: 41 Resp: 494172

Ion Ratio Lower Upper

41 100

69 81.0 63.0 94.6

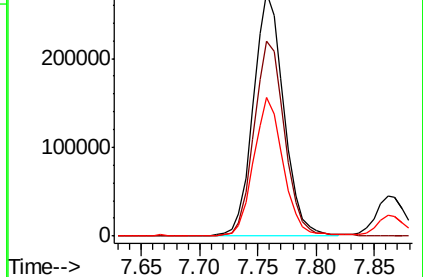
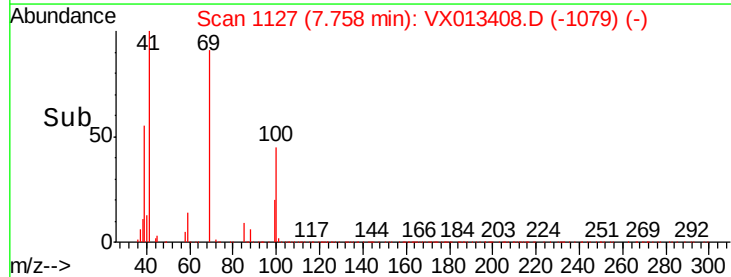
39 55.8 45.9 68.9

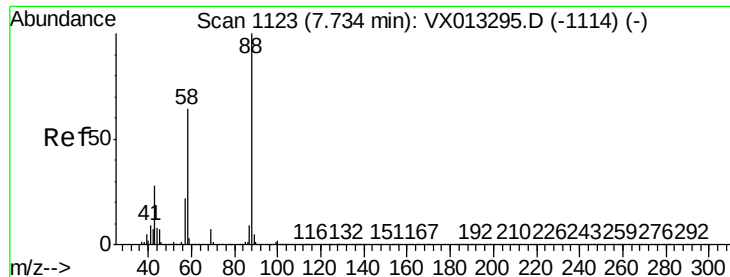


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 977.064 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

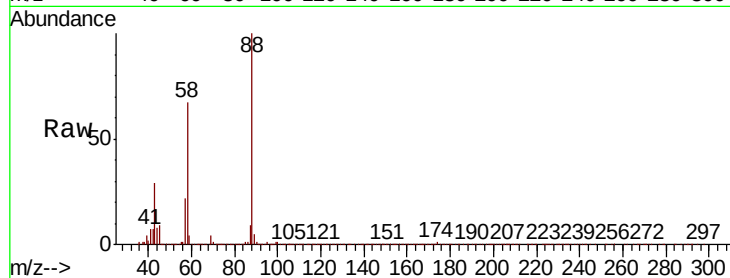
Tot Ion: 88 Resp: 205301

Ion Ratio Lower Upper

88 100

43 32.7 26.6 39.8

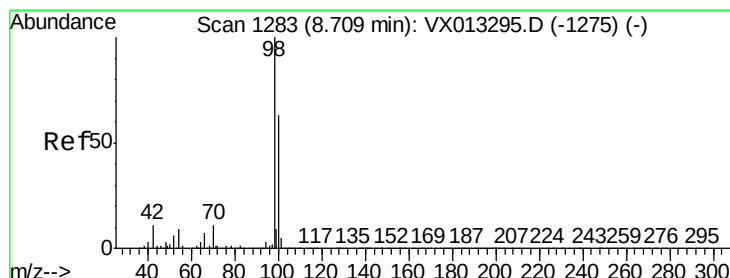
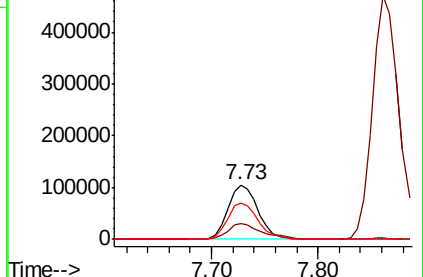
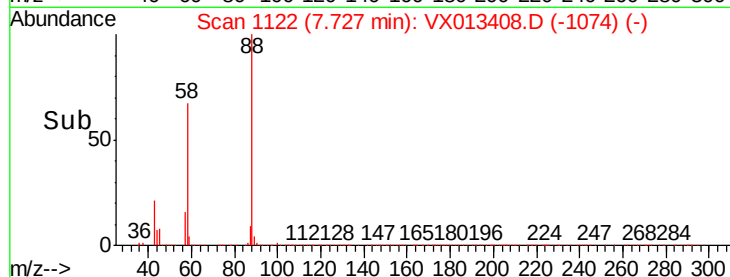
58 69.5 55.0 82.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.482 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013408.D

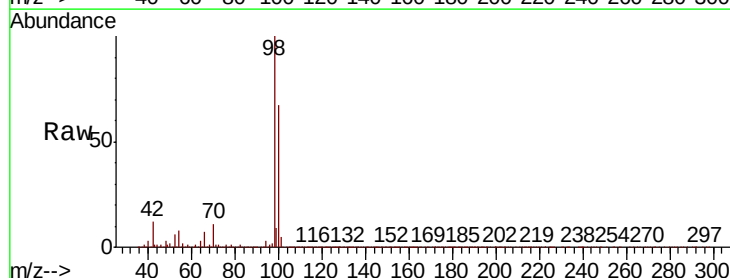
Acq: 13 Nov 2019 16:13

Tgt Ion: 98 Resp: 1223824

Ion Ratio Lower Upper

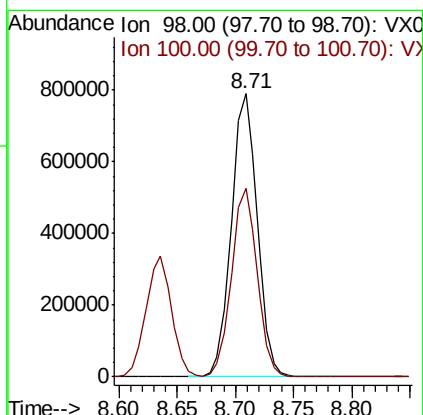
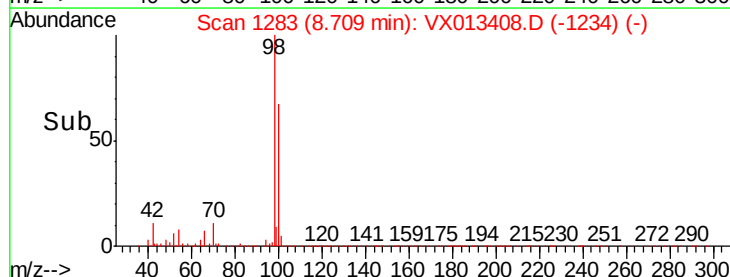
98 100

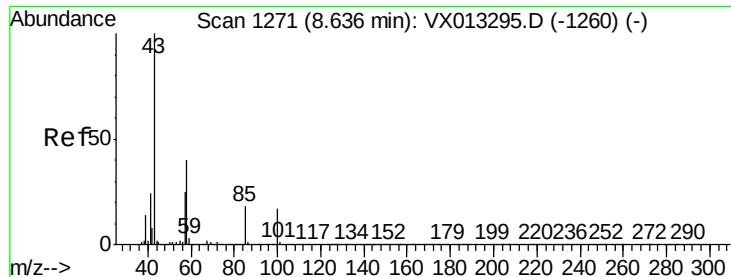
100 66.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 258.612 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

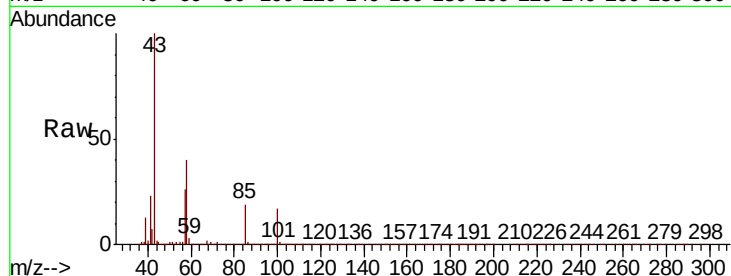
VSTDCCC050EC

Tot Ion: 43 Resp: 3118651

Ion Ratio Lower Upper

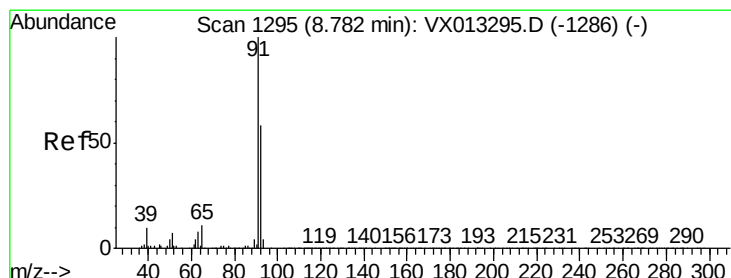
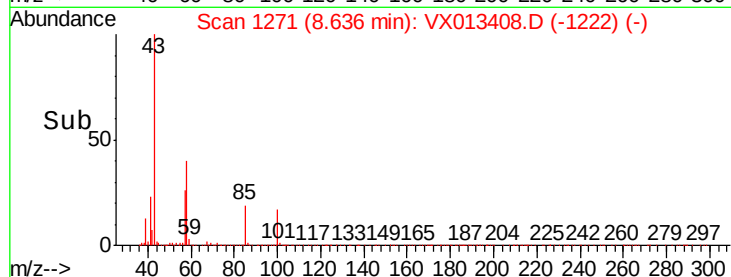
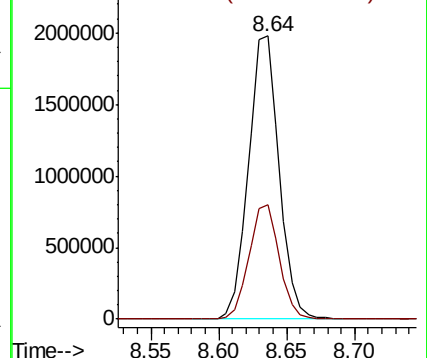
43 100

58 40.0 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.354 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013408.D

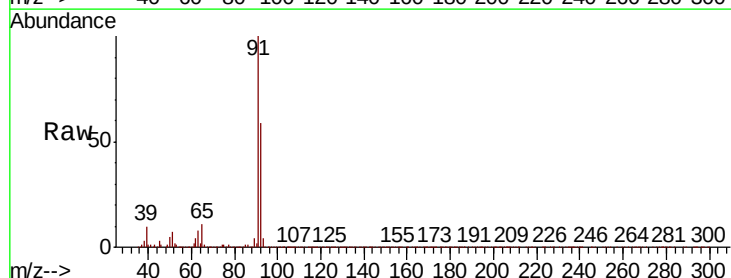
Acq: 13 Nov 2019 16:13

Tgt Ion: 92 Resp: 1002423

Ion Ratio Lower Upper

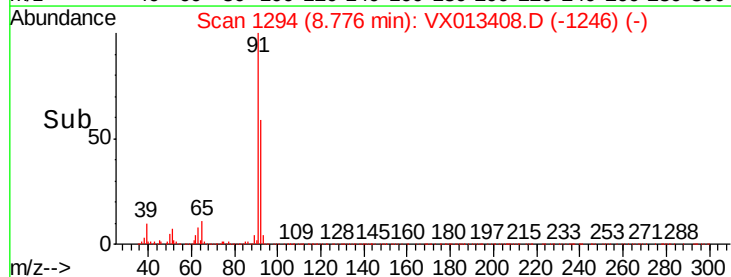
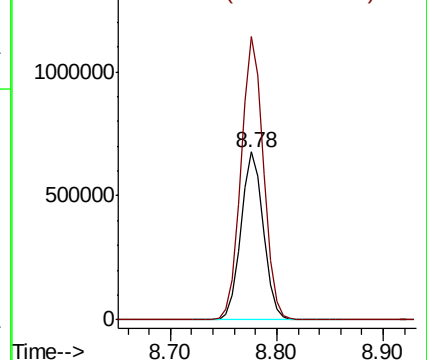
92 100

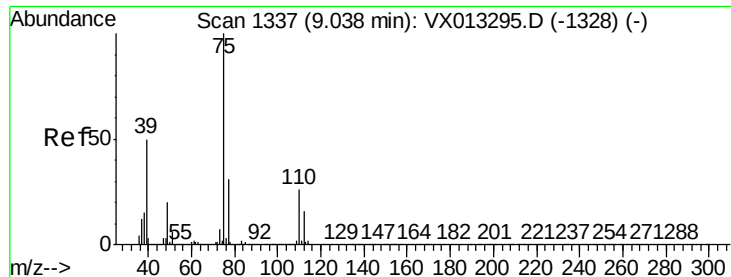
91 169.0 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 56.007 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

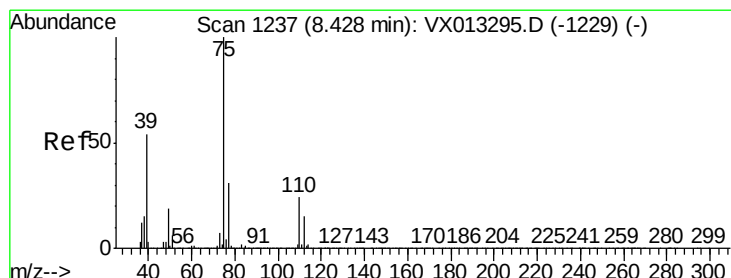
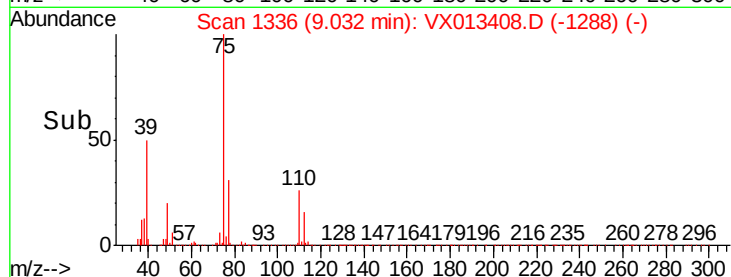
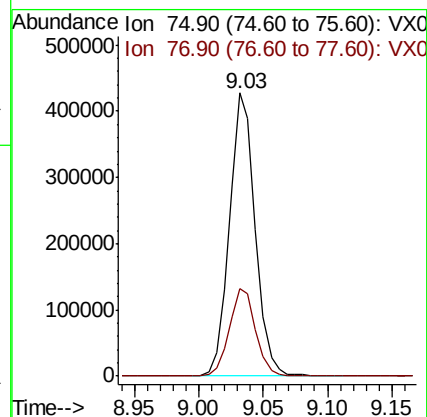
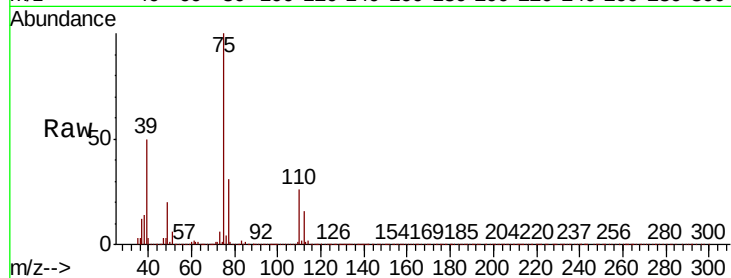
VSTDCCC050EC

Tot Ion: 75 Resp: 597827

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 55.462 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

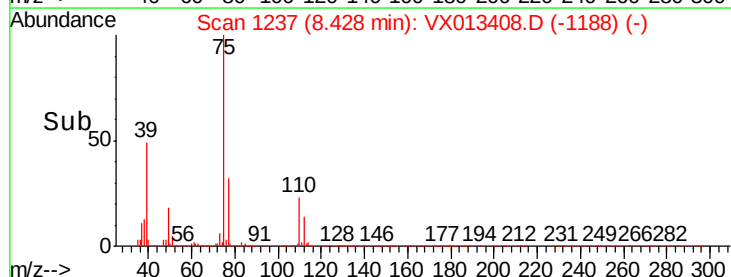
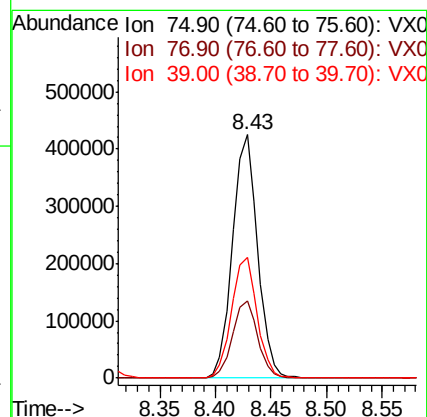
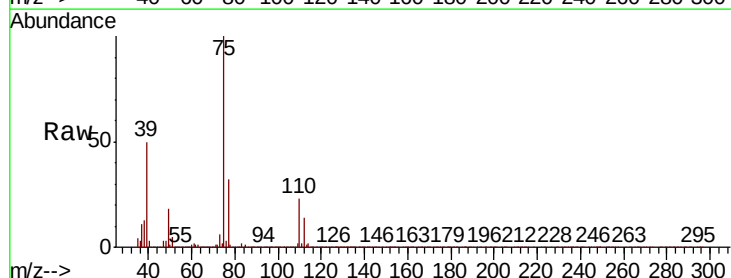
Tgt Ion: 75 Resp: 662223

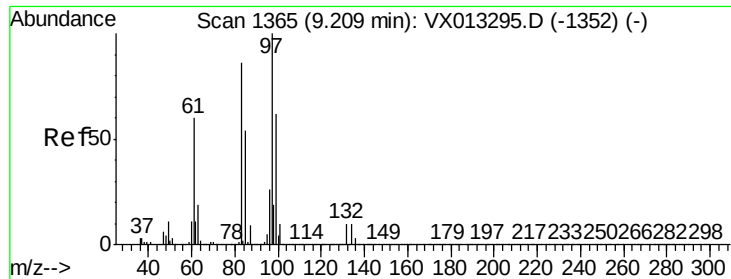
Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1

39 49.4 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 53.671 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 410271

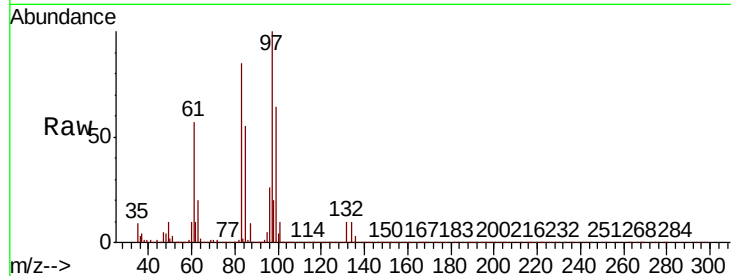
Ion Ratio Lower Upper

97 100

83 84.8 68.6 103.0

85 55.2 43.1 64.7

99 63.7 49.4 74.0

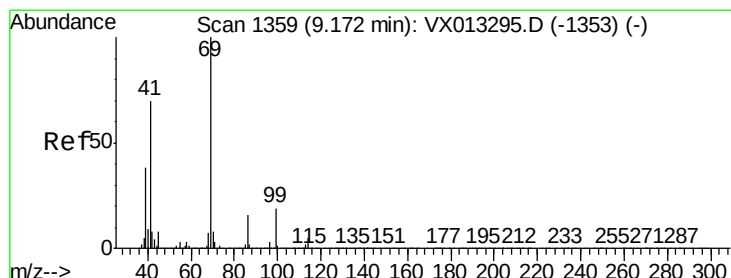
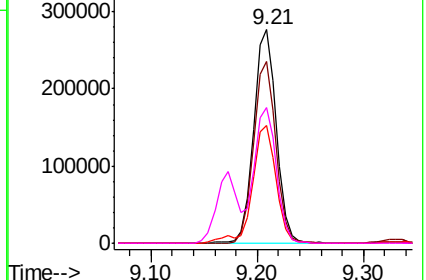
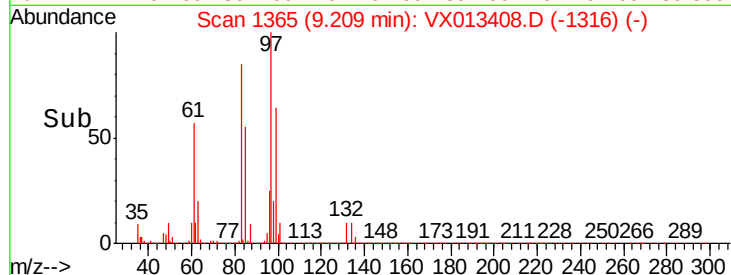


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.180 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

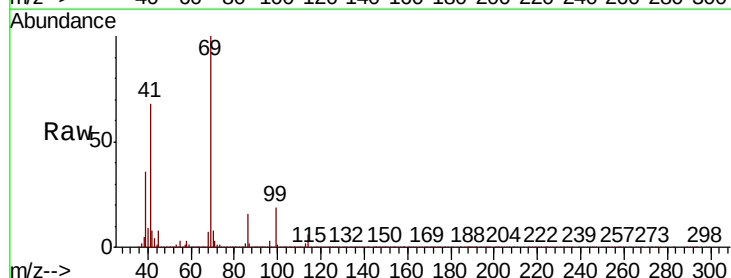
Tgt Ion: 69 Resp: 668404

Ion Ratio Lower Upper

69 100

41 68.2 56.2 84.2

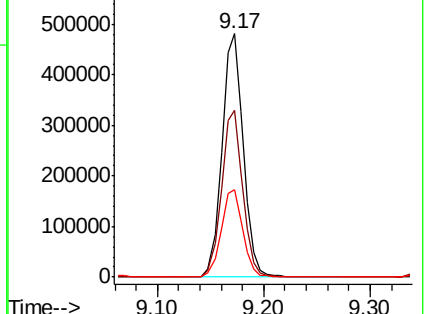
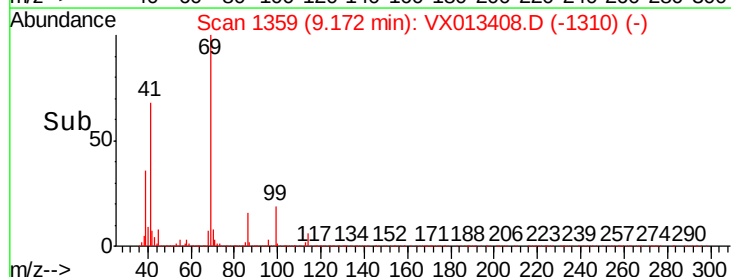
39 36.5 31.1 46.7

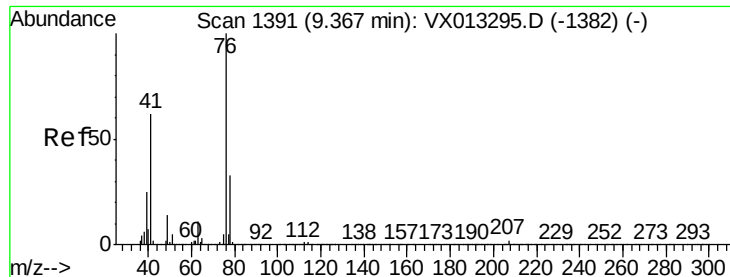


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.171 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

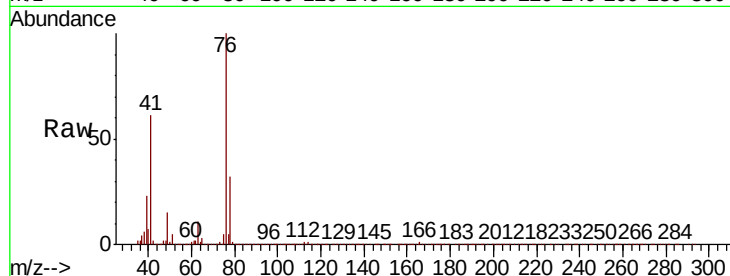
VSTDCCC050EC

Tot Ion: 76 Resp: 689967

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

500000

400000

300000

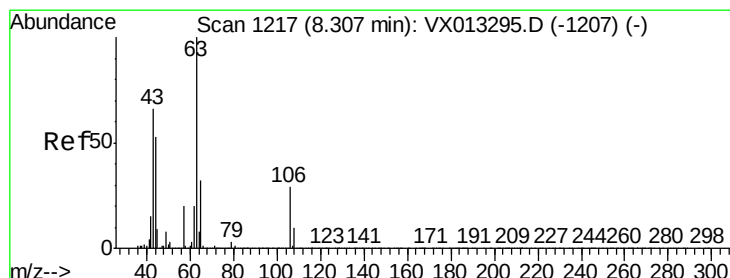
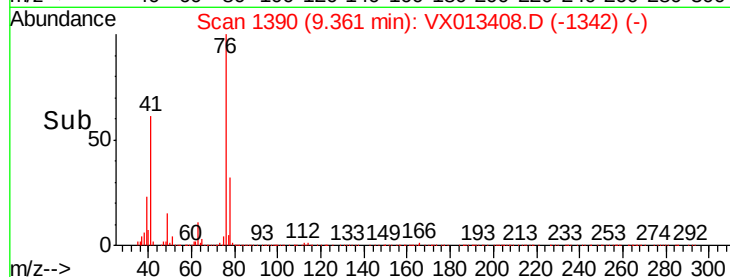
200000

100000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 282.017 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013408.D

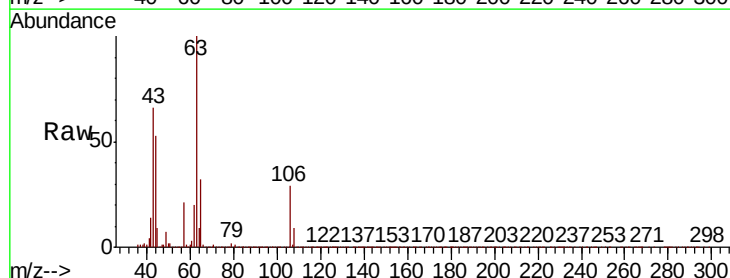
Acq: 13 Nov 2019 16:13

Tgt Ion: 63 Resp: 1474023

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

1000000

800000

600000

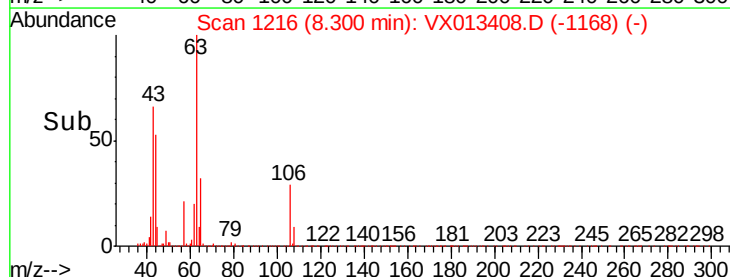
400000

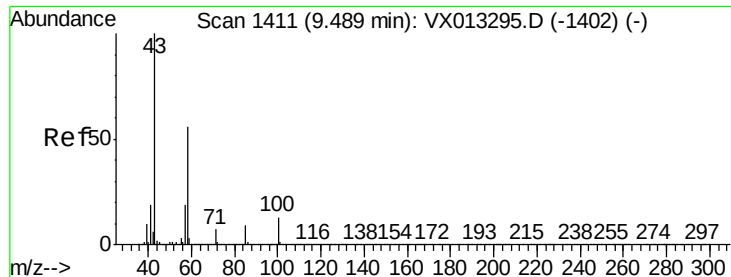
200000

0

8.20 8.30 8.40

Time-->

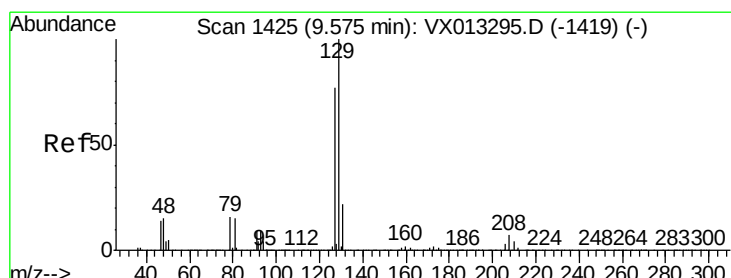
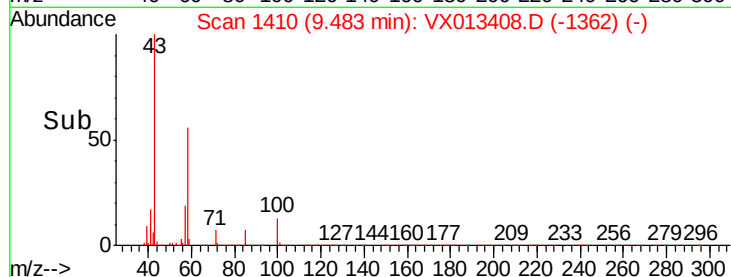
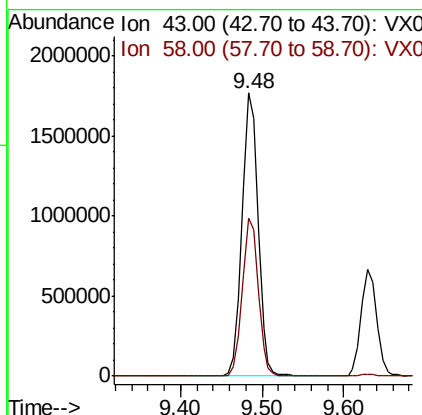
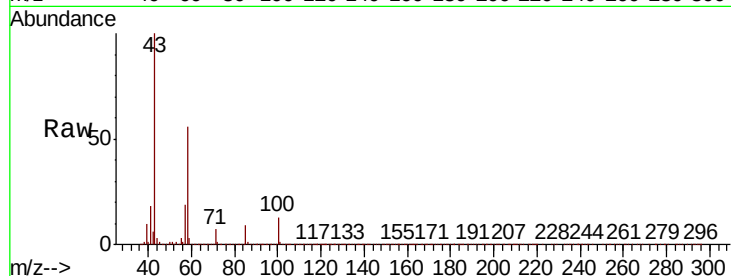




#59
2-Hexanone
Concen: 255.776 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

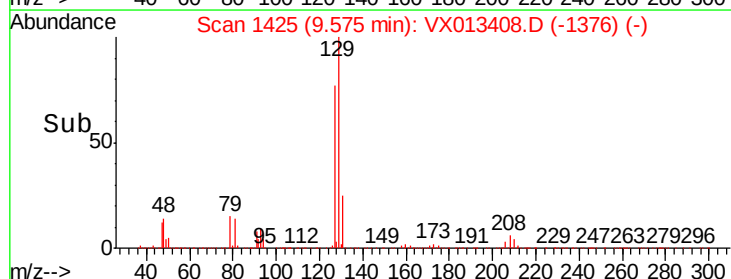
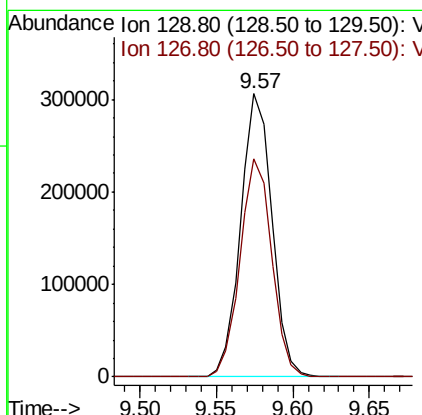
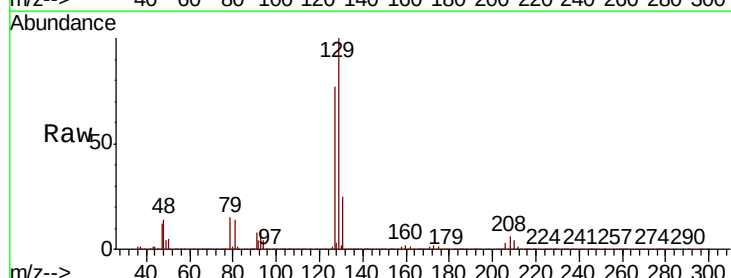
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

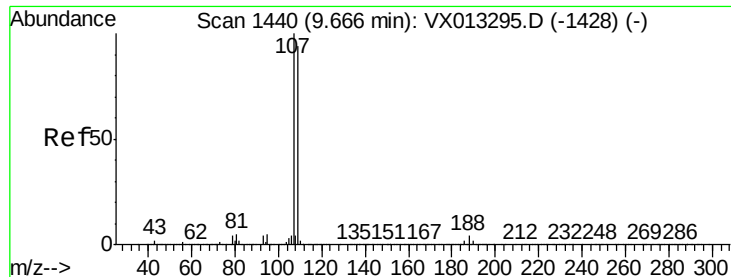
Tot Ion: 43 Resp: 2383597
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8



#60
Dibromochloromethane
Concen: 55.549 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion: 129 Resp: 434280
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 52.914 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

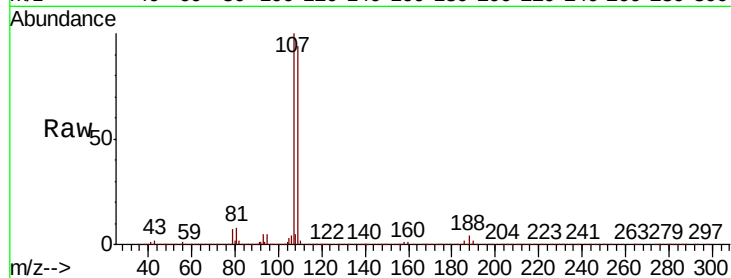
VSTDCCC050EC

Tot Ion:107 Resp: 429513

Ion Ratio Lower Upper

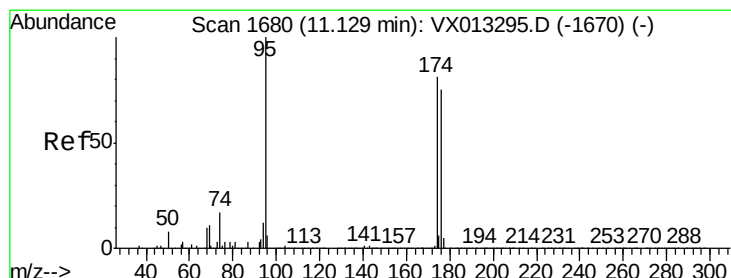
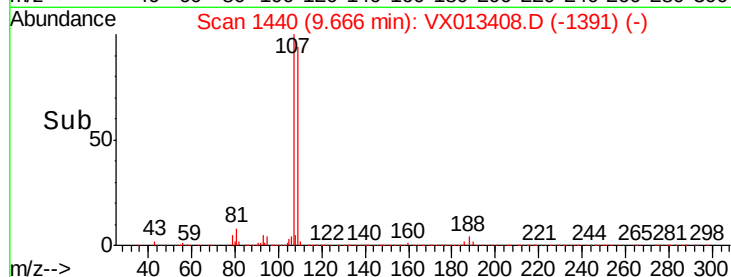
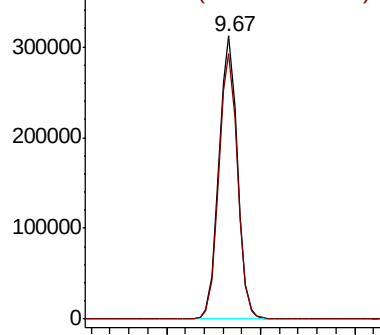
107 100

109 95.0 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: 46.862 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

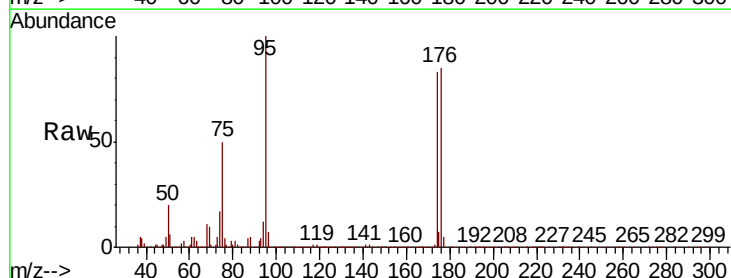
Tgt Ion: 95 Resp: 445296

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

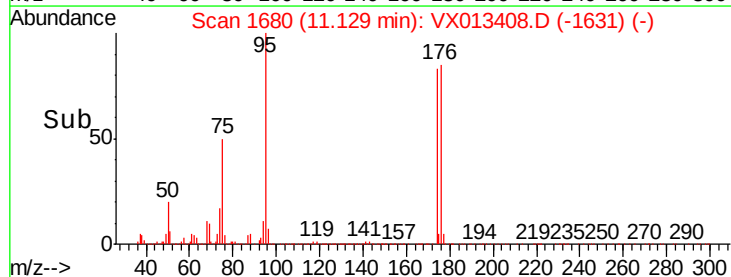
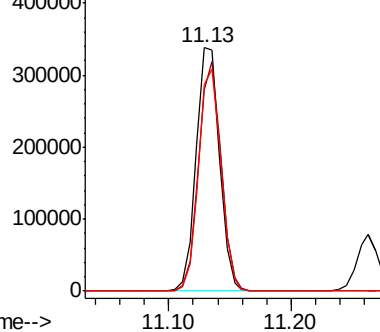
176 88.4 0.0 173.0

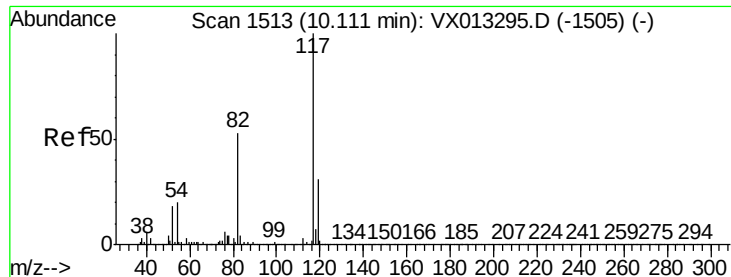


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

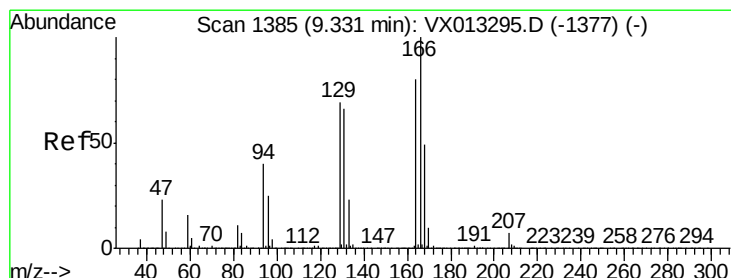
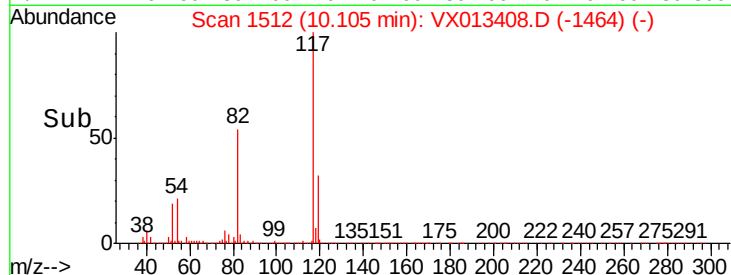
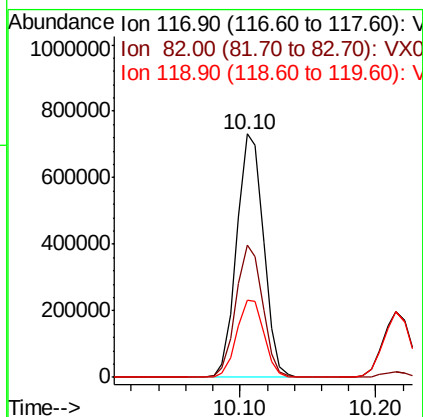
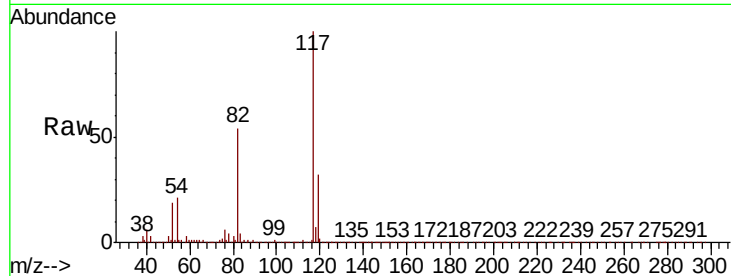




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

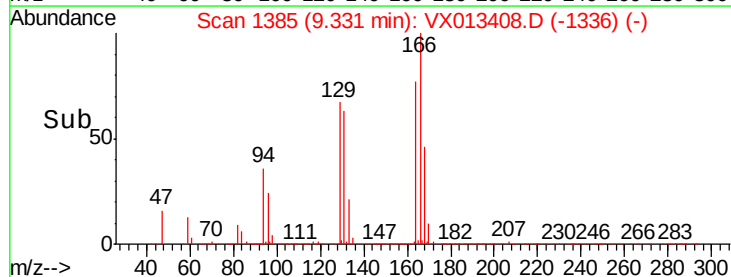
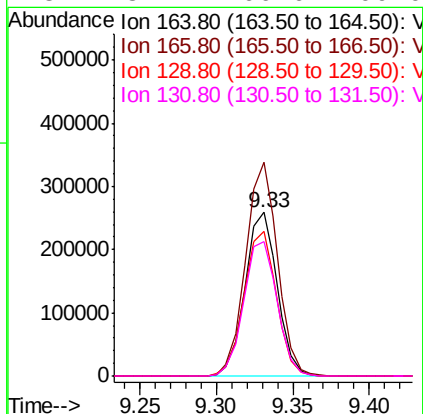
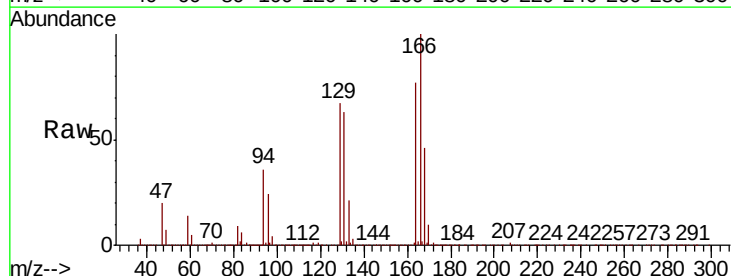
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

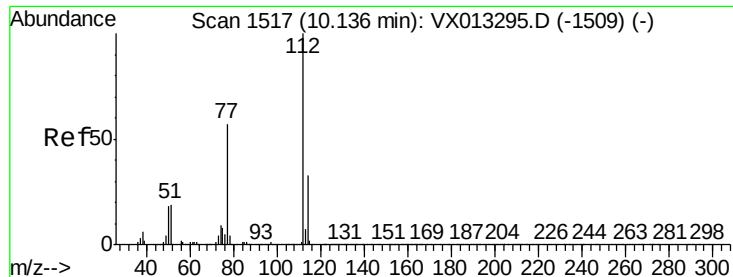
Tot Ion:117 Resp: 1006040
Ion Ratio Lower Upper
117 100
82 54.2 42.6 64.0
119 31.8 24.8 37.2



#64
Tetrachloroethene
Concen: 52.557 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion:164 Resp: 378511
Ion Ratio Lower Upper
164 100
166 130.4 100.4 150.6
129 87.9 69.4 104.2
131 82.2 66.6 100.0

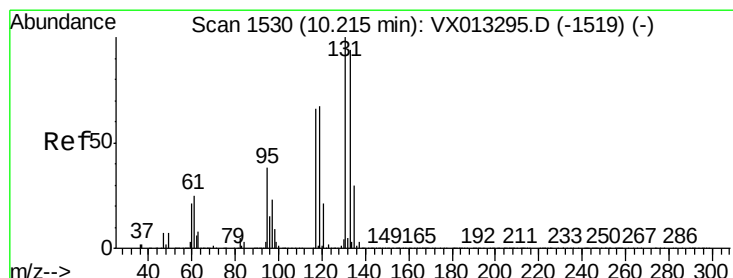
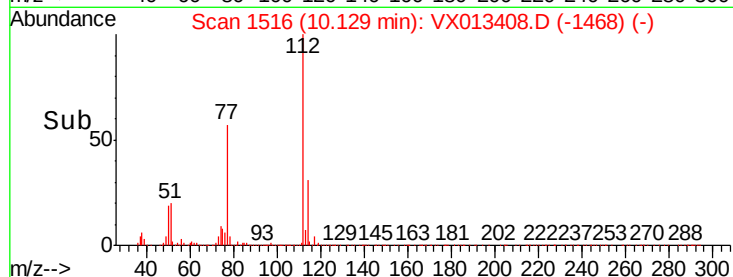
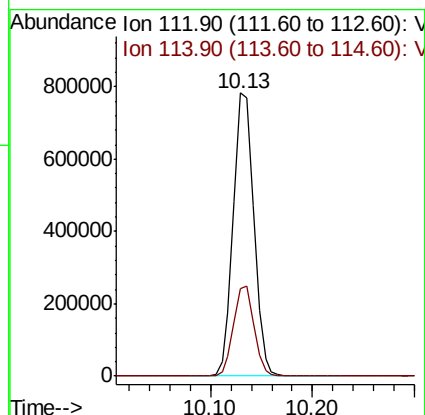
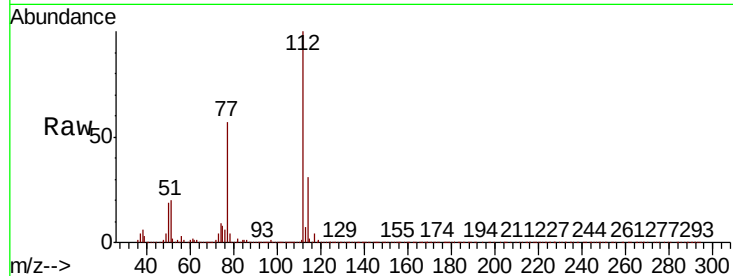




#65
Chlorobenzene
Concen: 53.473 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

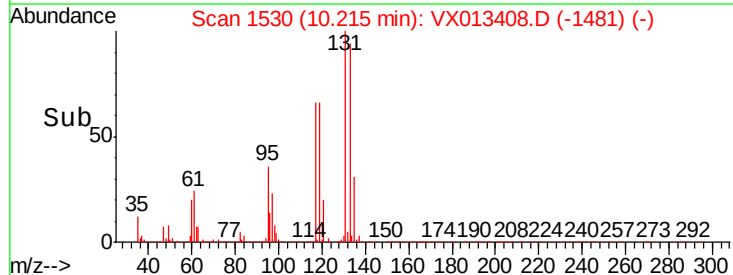
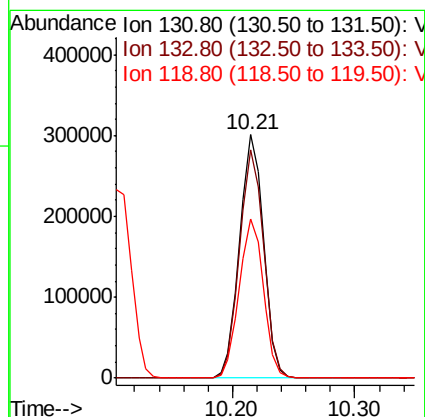
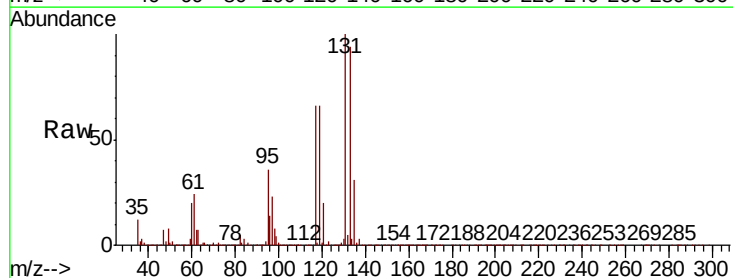
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

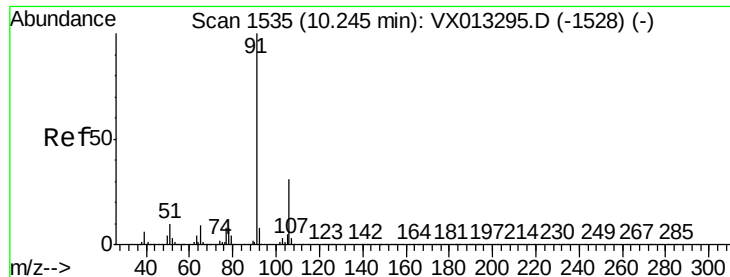
Tot Ion:112 Resp: 1089123
Ion Ratio Lower Upper
112 100
114 31.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.422 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion:131 Resp: 406995
Ion Ratio Lower Upper
131 100
133 94.6 48.0 144.0
119 65.9 33.0 99.0





#67

Ethyl Benzene

Concen: 54.363 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

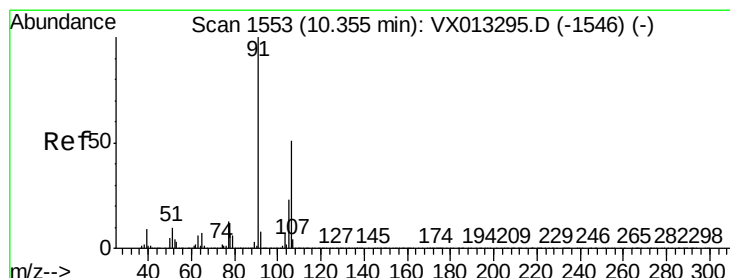
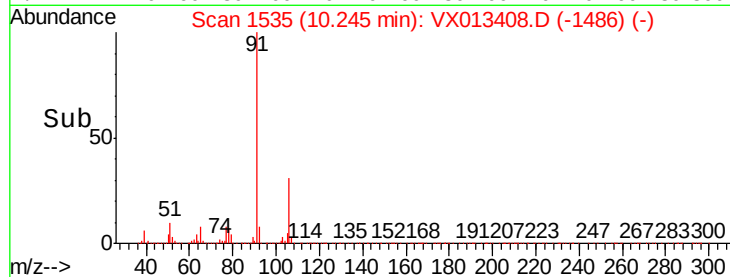
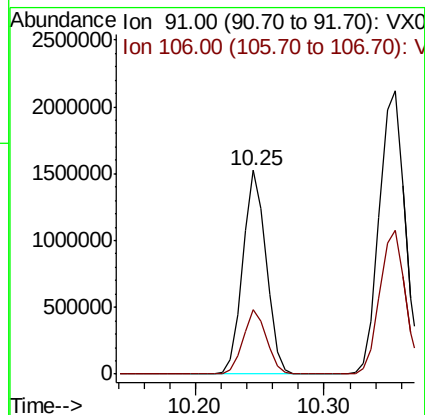
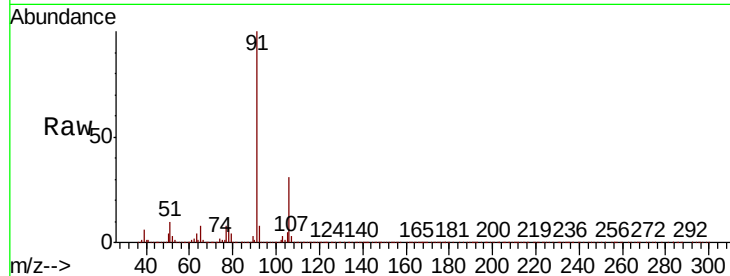
VSTDCCC050EC

Tot Ion: 91 Resp: 1911010

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 109.814 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013408.D

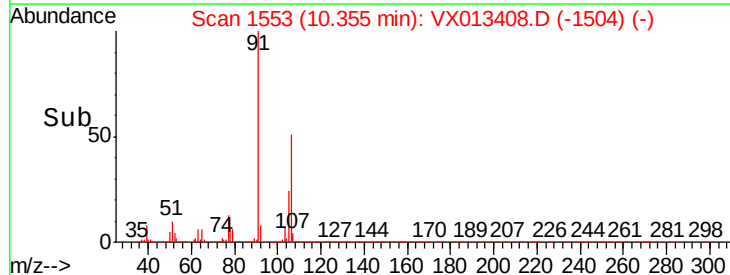
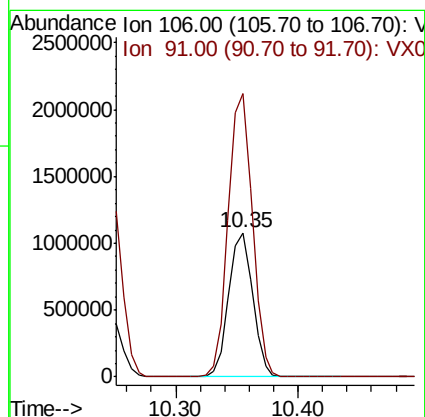
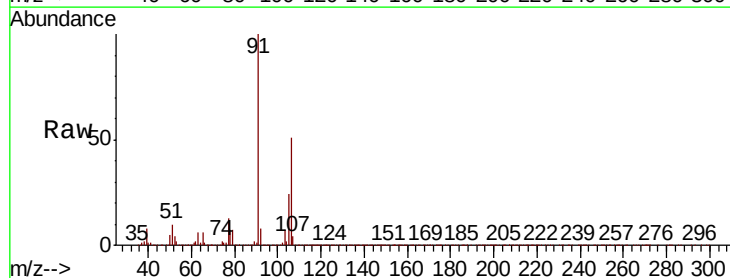
Acq: 13 Nov 2019 16:13

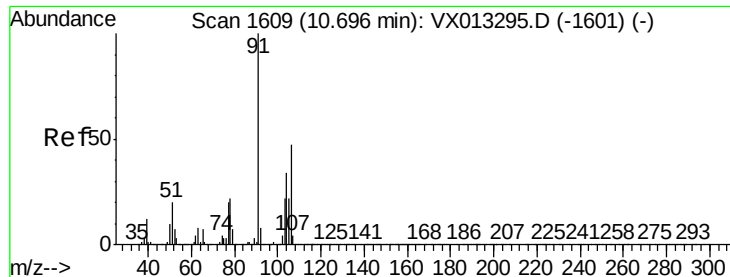
Tgt Ion: 106 Resp: 1459904

Ion Ratio Lower Upper

106 100

91 199.0 159.3 238.9

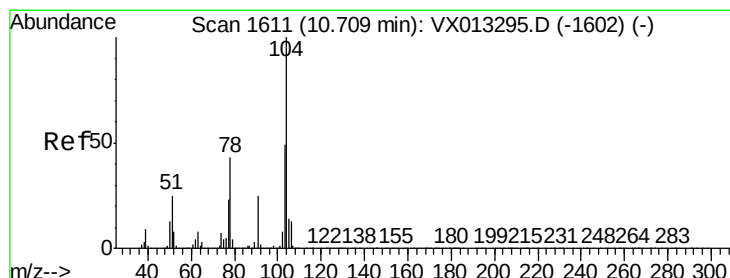
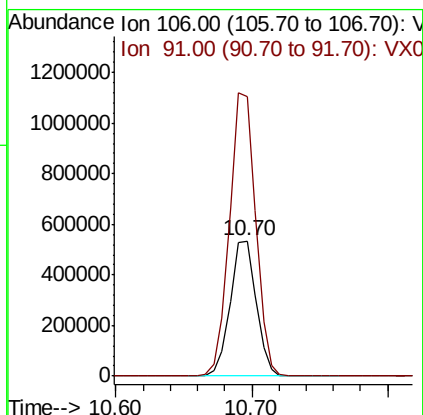
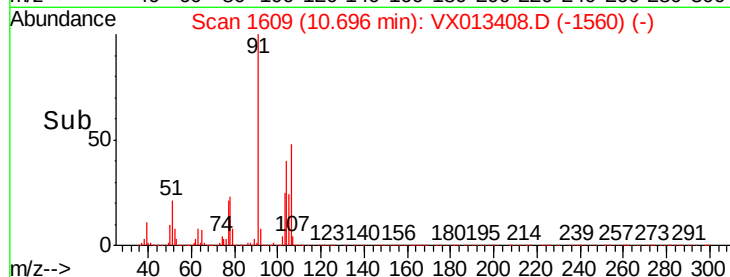
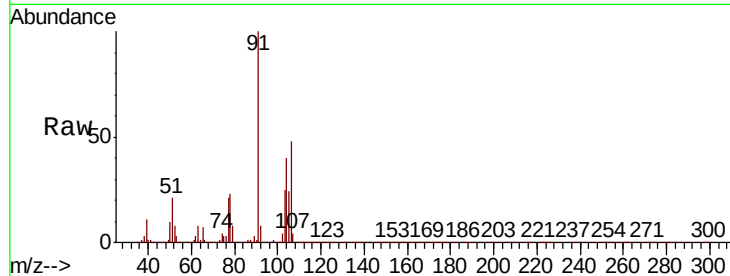




#69
o-Xylene
Concen: 54.684 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

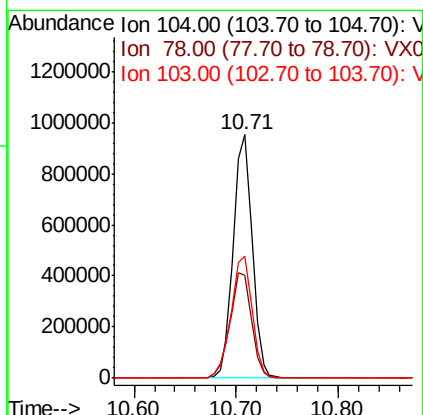
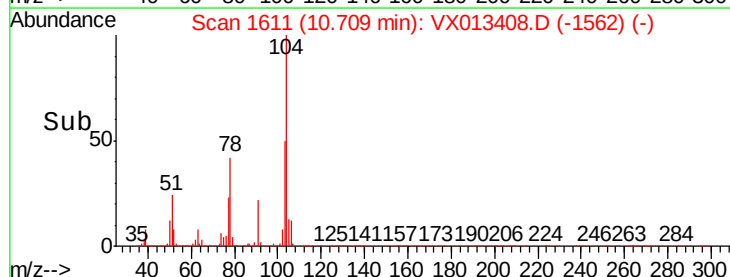
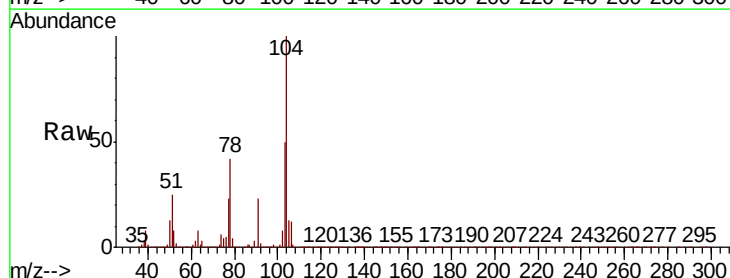
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

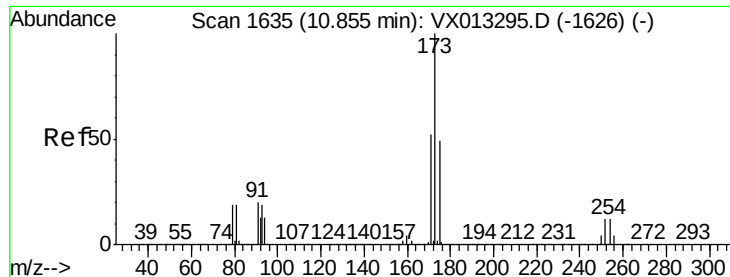
Tot Ion:106 Resp: 711750
Ion Ratio Lower Upper
106 100
91 210.4 105.7 317.0



#70
Styrene
Concen: 55.957 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion:104 Resp: 1217461
Ion Ratio Lower Upper
104 100
78 48.9 40.0 60.0
103 55.5 44.1 66.1





#71

Bromoform

Concen: 49.840 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

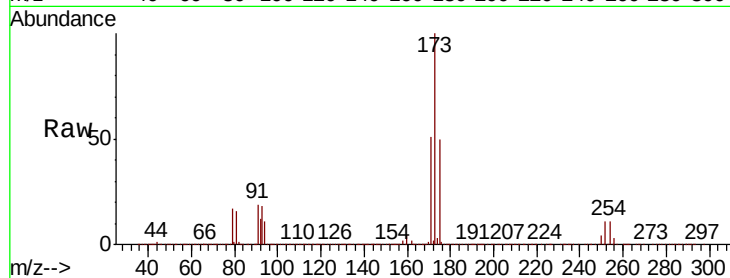
Tot Ion:173 Resp: 345519

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.4

254 0.2 0.2 0.2



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

300000

200000

100000

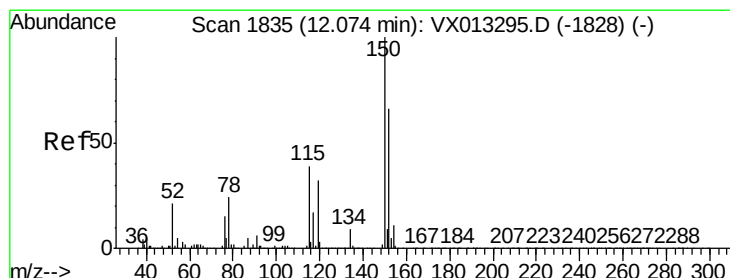
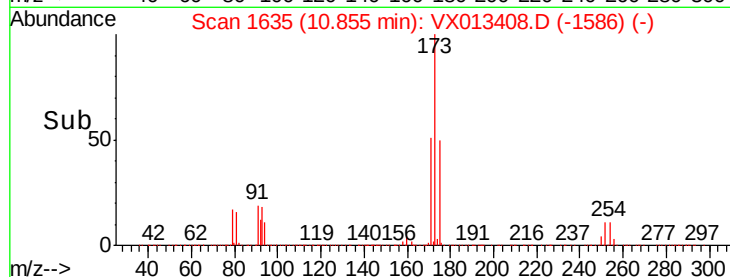
0

10.85

10.80

10.90

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

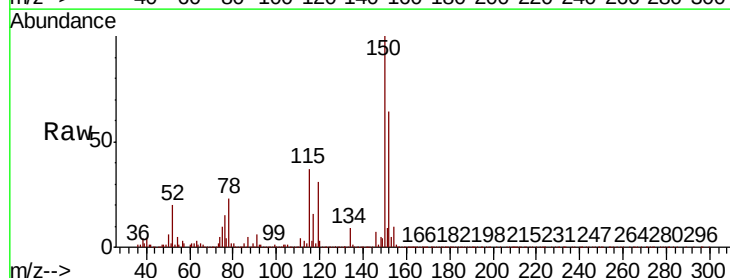
Tgt Ion:152 Resp: 515440

Ion Ratio Lower Upper

152 100

115 80.0 39.5 118.3

150 172.3 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

800000

600000

400000

200000

0

12.07

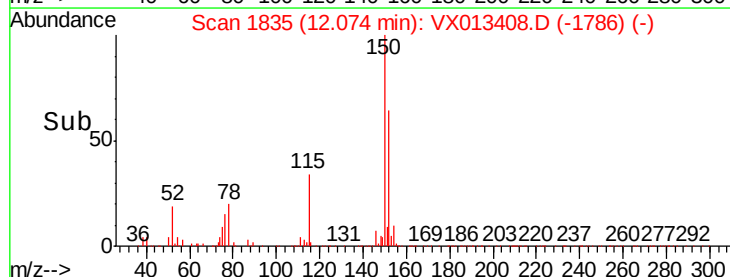
12.00

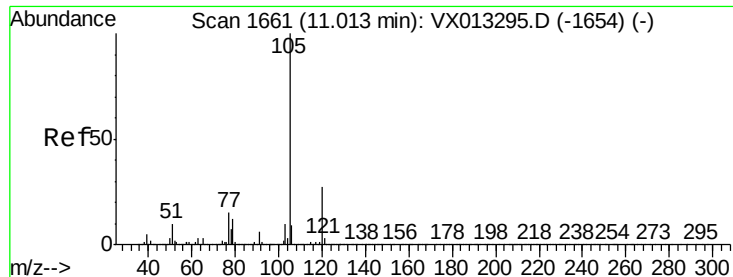
12.05

12.10

12.15

Time-->





#73

Isopropylbenzene

Concen: 54.968 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

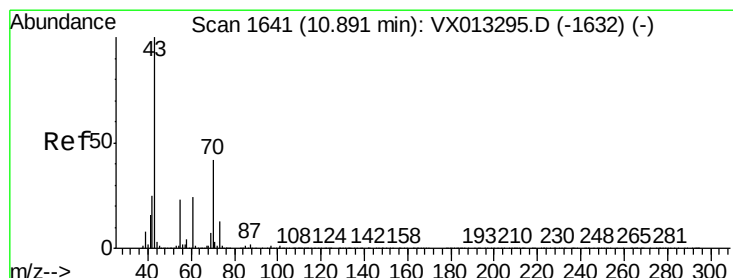
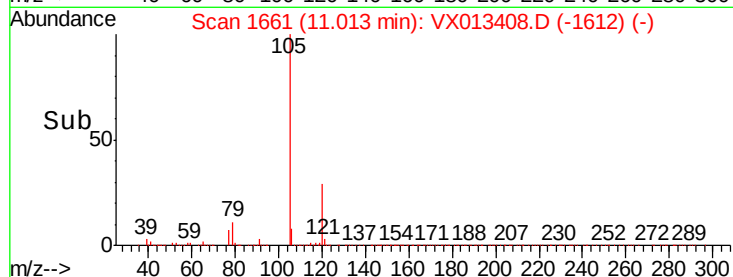
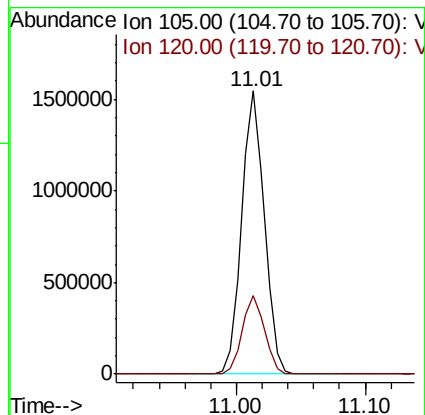
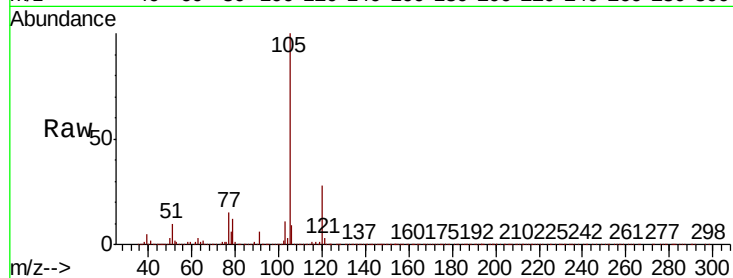
VSTDCCC050EC

Tot Ion:105 Resp: 1878489

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



#74

N-ethyl acetate

Concen: 55.891 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Tgt Ion: 43 Resp: 885724

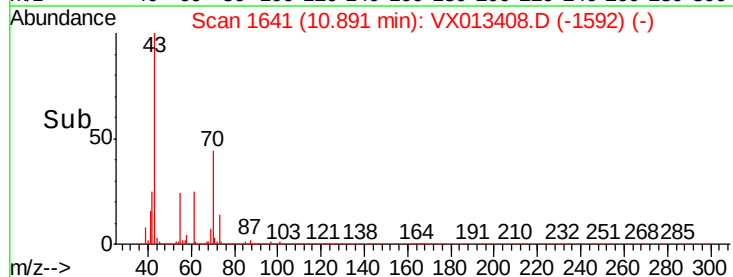
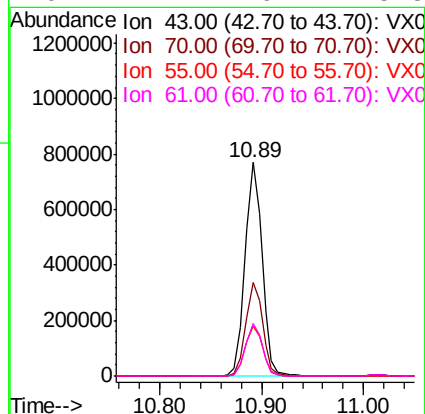
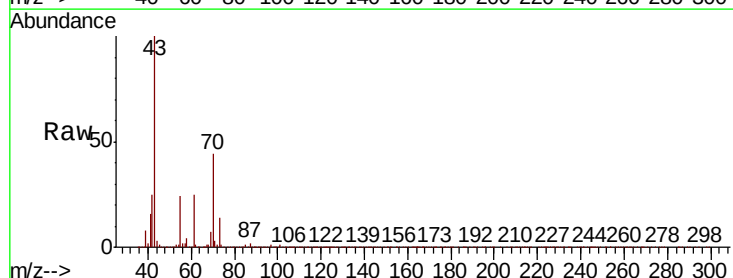
Ion Ratio Lower Upper

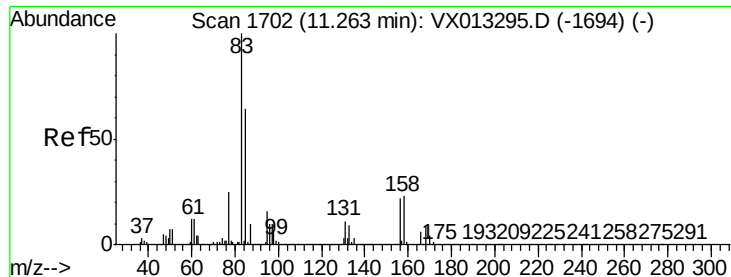
43 100

70 43.5 34.1 51.1

55 23.9 18.9 28.3

61 24.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.536 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

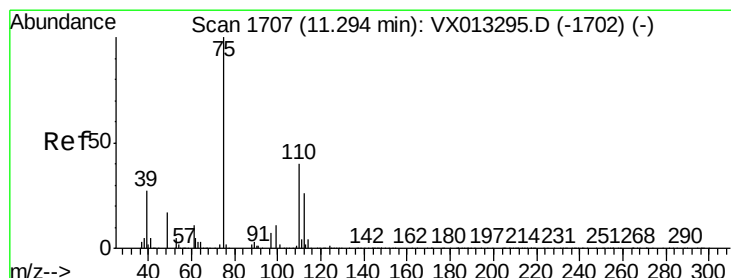
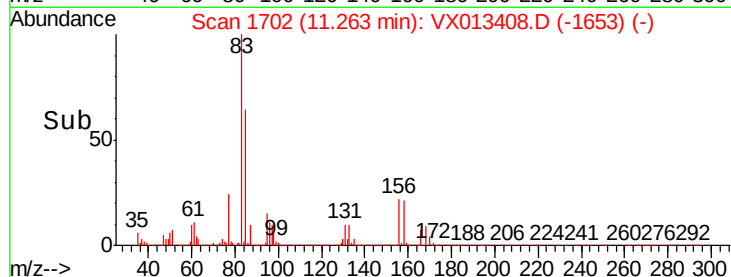
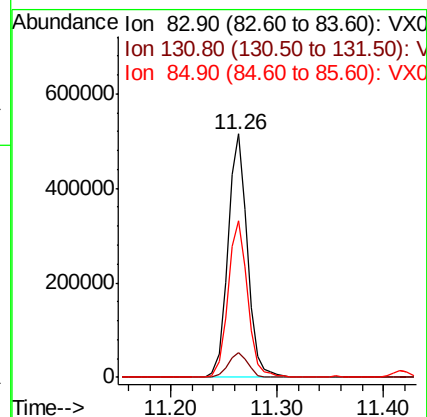
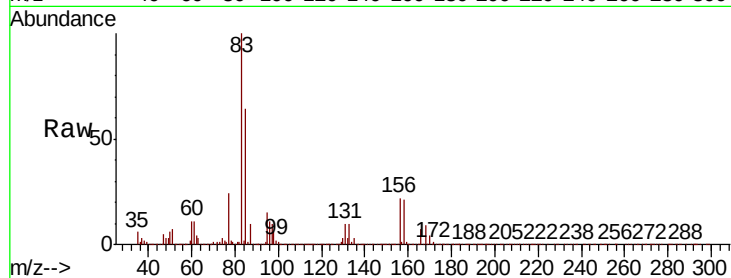
Tot Ion: 83 Resp: 654981

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 65.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 72.022 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013408.D

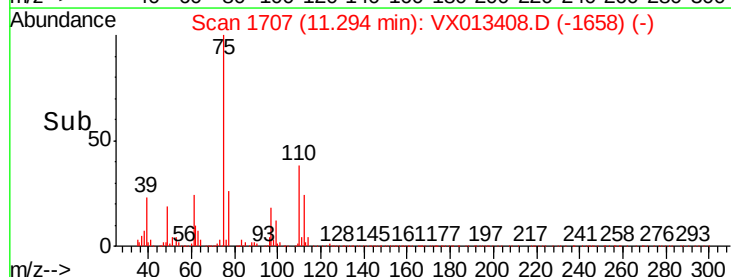
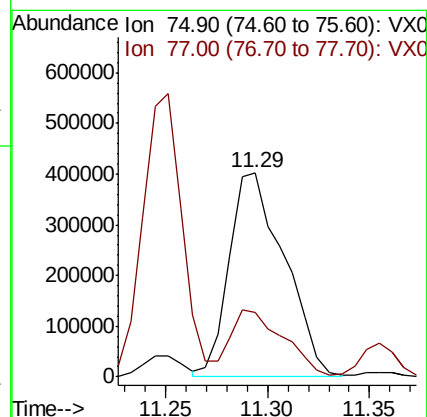
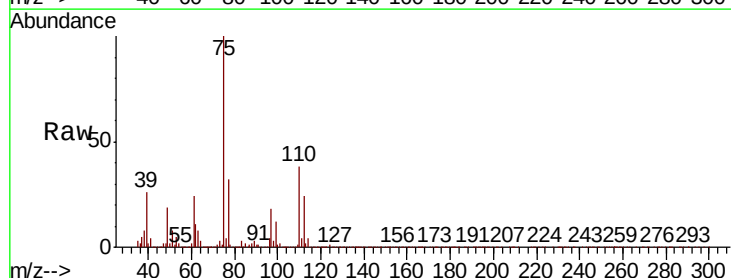
Acq: 13 Nov 2019 16:13

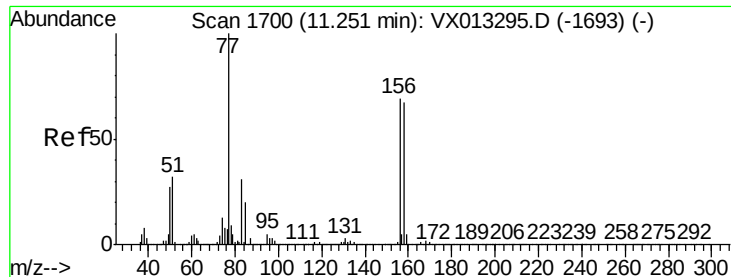
Tgt Ion: 75 Resp: 754012

Ion Ratio Lower Upper

75 100

77 30.9 22.3 66.8





#77

Bromobenzene

Concen: 54.361 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

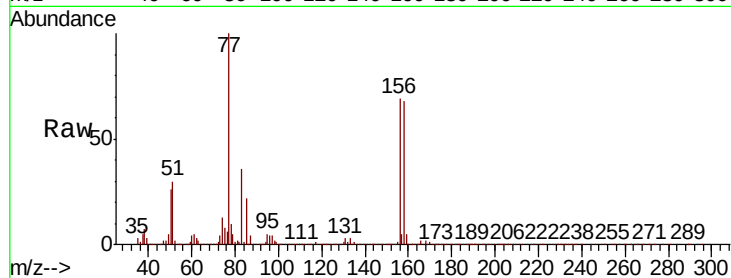
Tot Ion:156 Resp: 495254

Ion Ratio Lower Upper

156 100

77 151.6 75.8 227.4

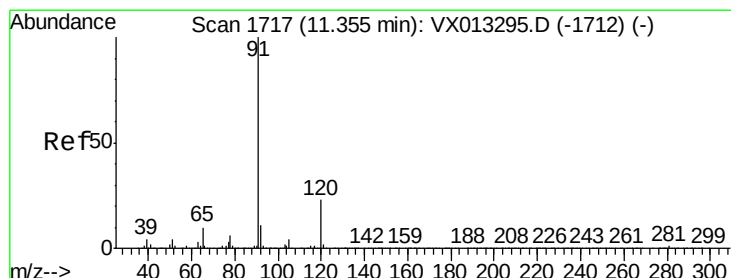
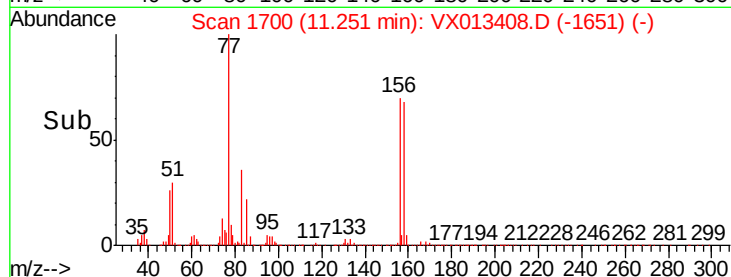
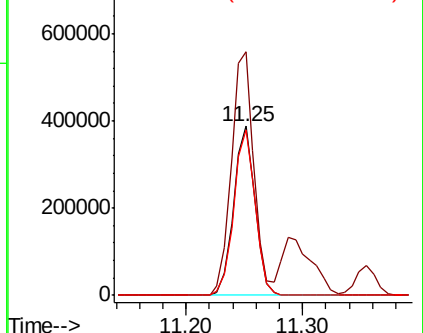
158 97.9 47.6 142.8



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: 57.493 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013408.D

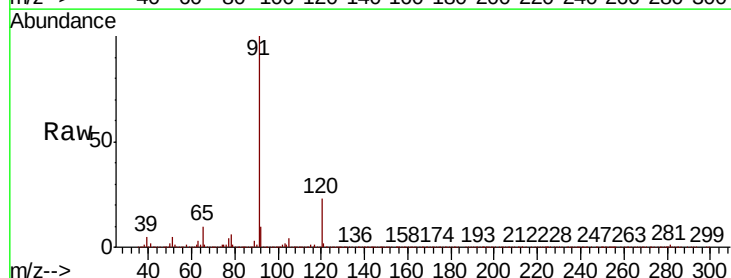
Acq: 13 Nov 2019 16:13

Tgt Ion: 91 Resp: 2188659

Ion Ratio Lower Upper

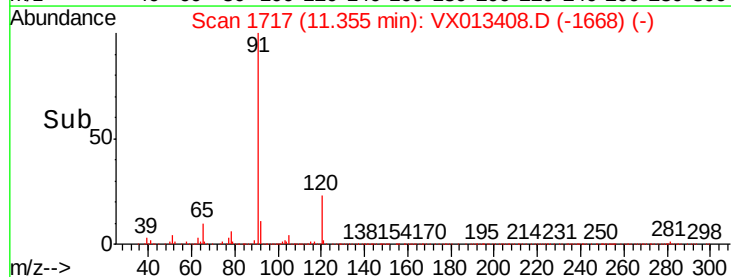
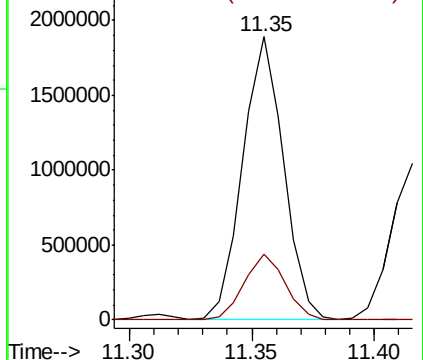
91 100

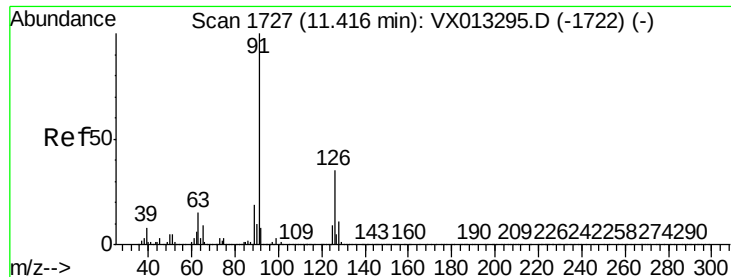
120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

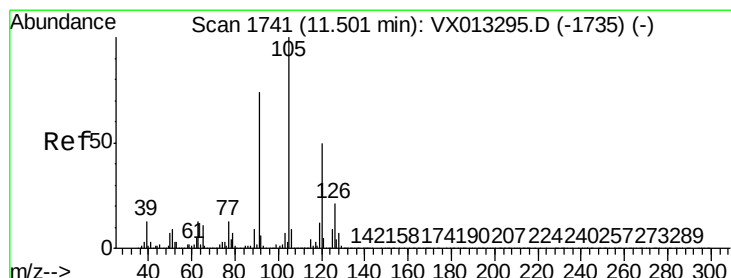
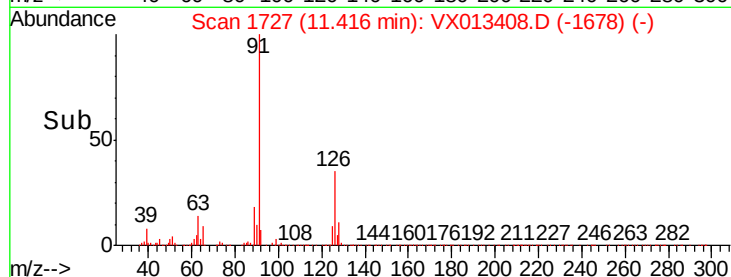
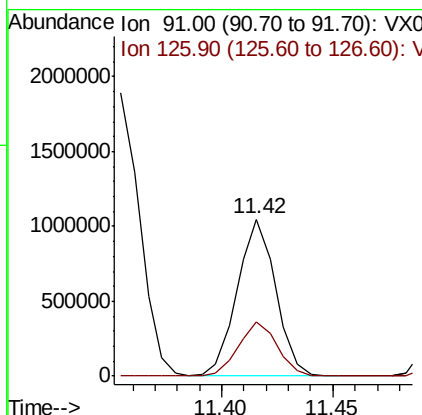
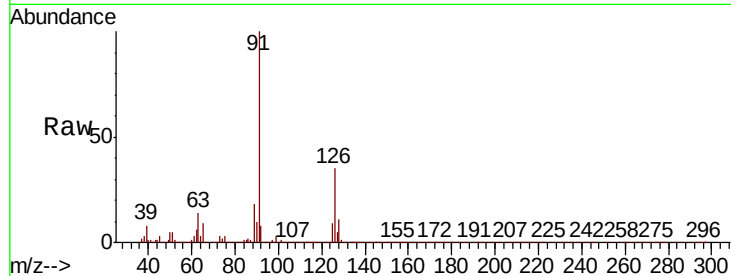




#79
 2-Chlorotoluene
 Concen: 55.180 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013408.D
 Acq: 13 Nov 2019 16:13

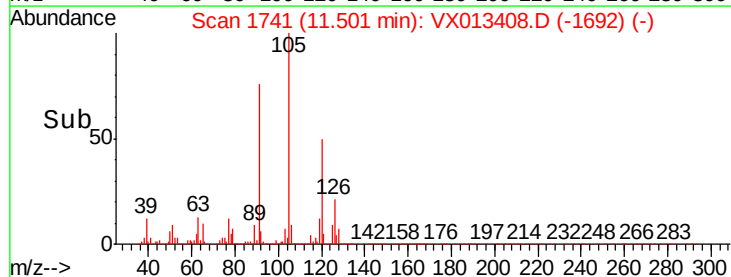
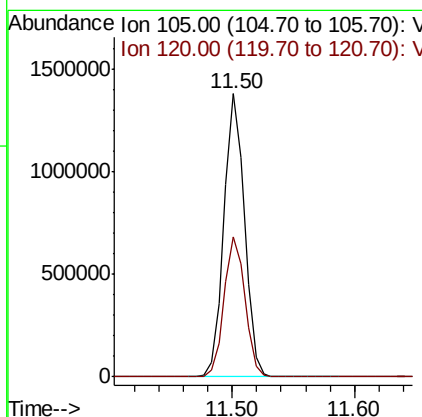
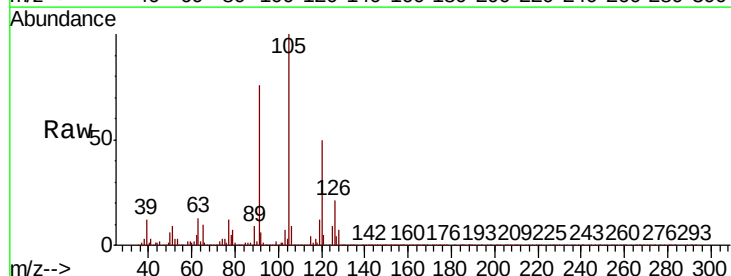
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

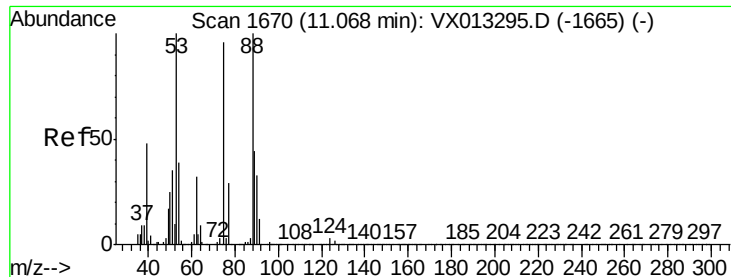
Tot Ion: 91 Resp: 1265619
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 56.494 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013408.D
 Acq: 13 Nov 2019 16:13

Tgt Ion: 105 Resp: 1608143
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.8

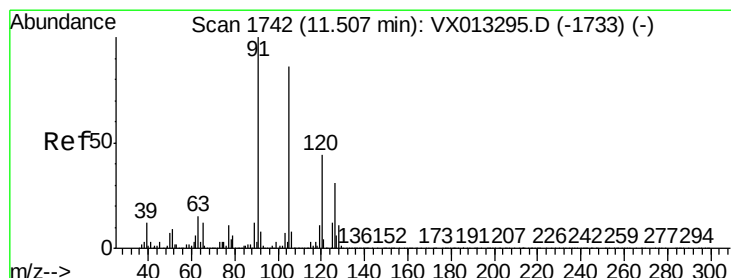
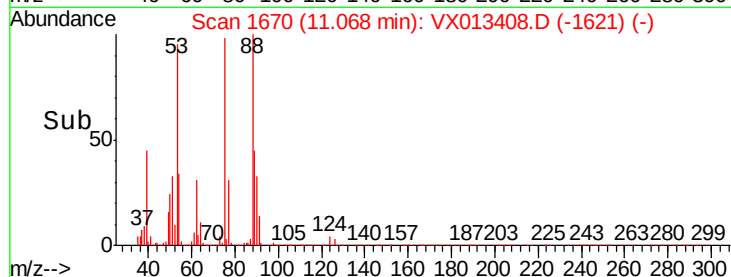
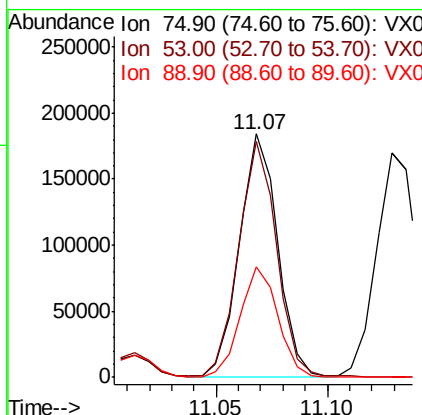
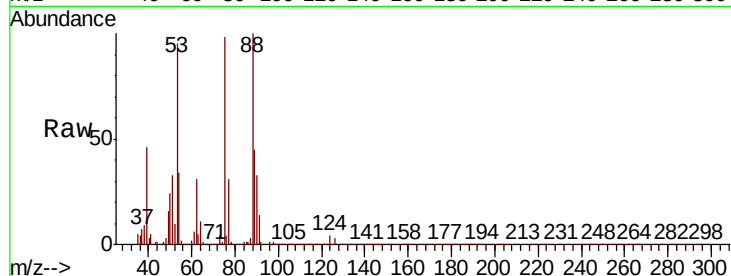




#81
trans-1,4-Dichloro-2-butene
Concen: 54.099 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

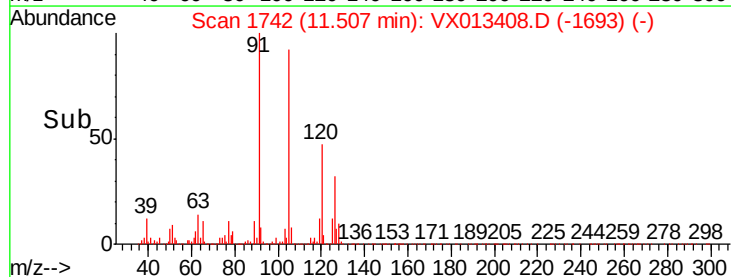
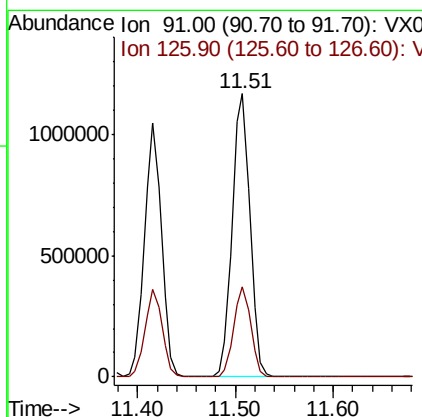
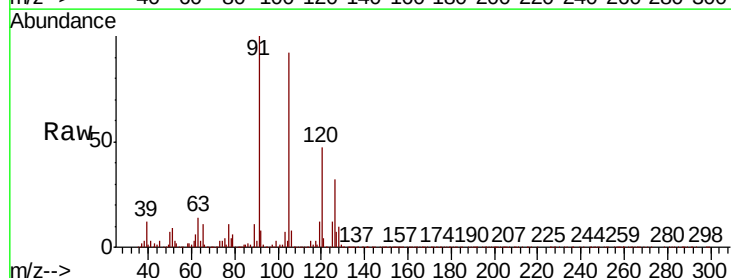
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

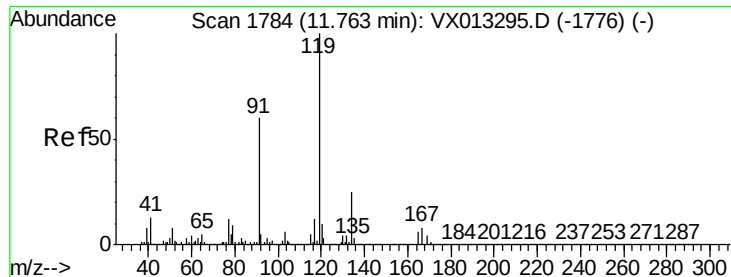
Tot Ion: 75 Resp: 220038
Ion Ratio Lower Upper
75 100
53 96.0 81.0 121.6
89 45.3 36.0 54.0



#82
4-Chlorotoluene
Concen: 55.048 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion: 91 Resp: 1477979
Ion Ratio Lower Upper
91 100
126 30.7 15.3 45.8





#83

tert-Butylbenzene

Concen: 57.002 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

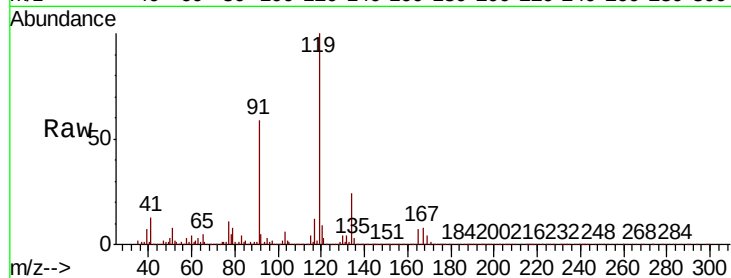
Tot Ion:119 Resp: 1633369

Ion Ratio Lower Upper

119 100

91 53.8 26.9 80.7

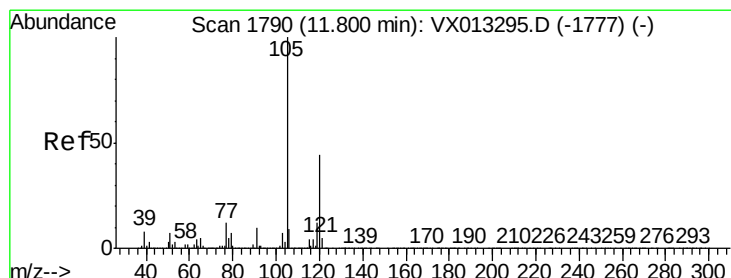
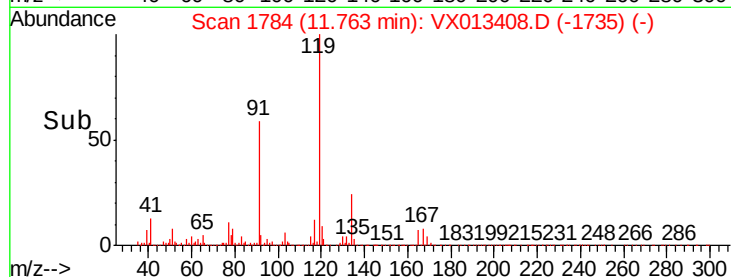
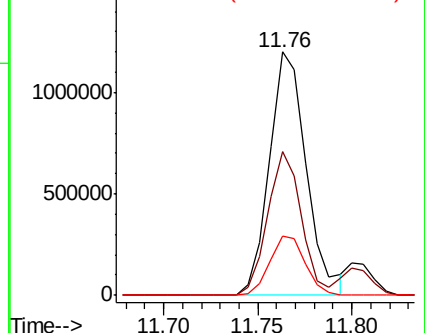
134 23.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.662 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX013408.D

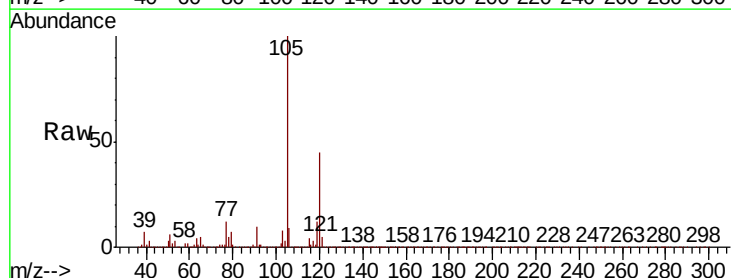
Acq: 13 Nov 2019 16:13

Tgt Ion:105 Resp: 1617983

Ion Ratio Lower Upper

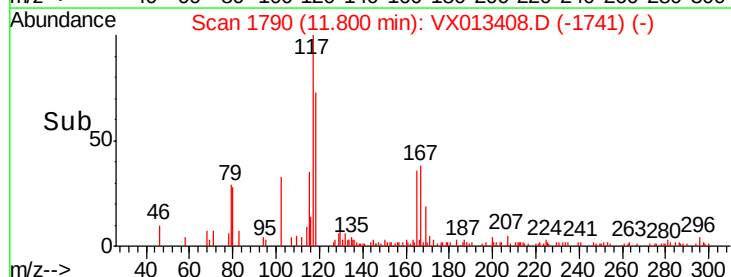
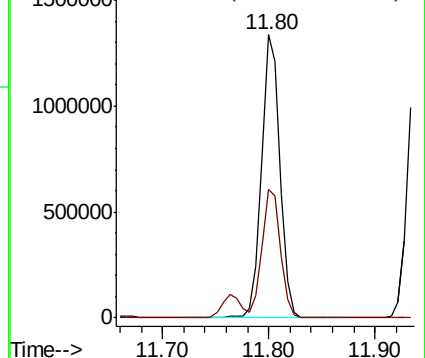
105 100

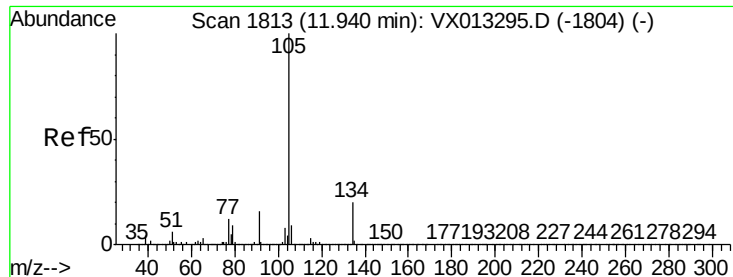
120 45.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 57.116 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

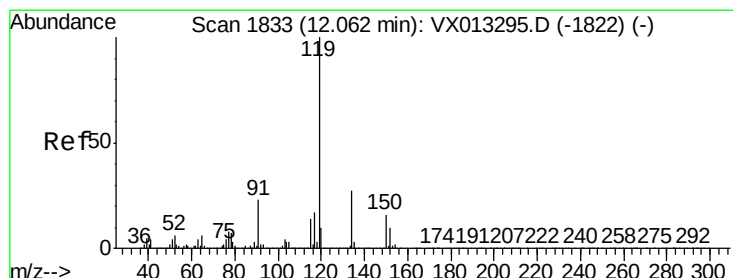
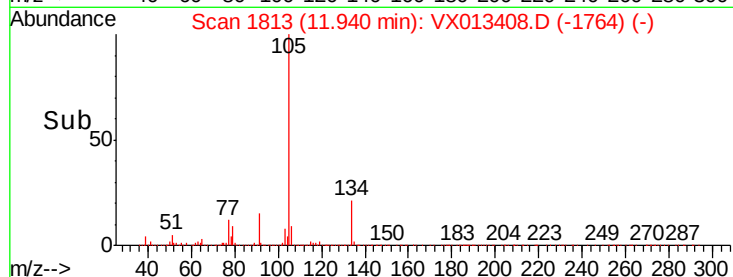
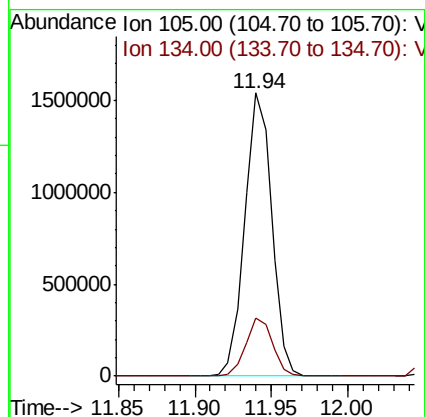
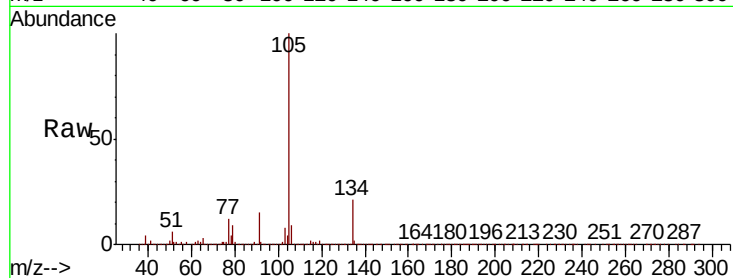
VSTDCCC050EC

Tot Ion:105 Resp: 1880971

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 57.183 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

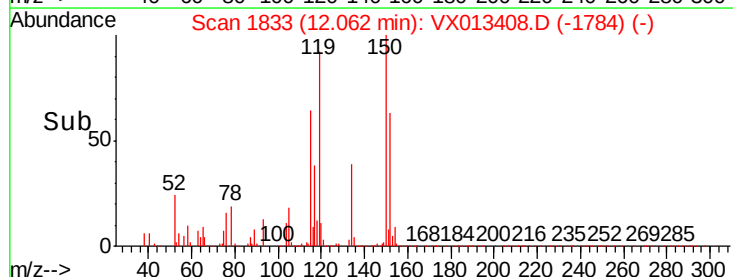
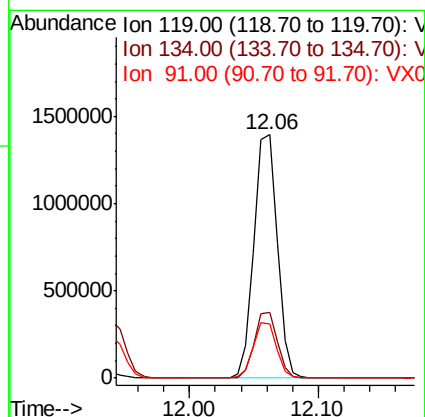
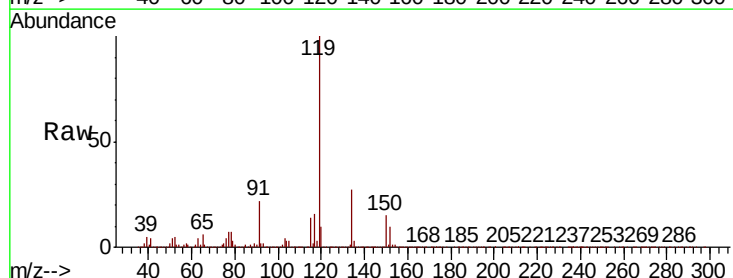
Tgt Ion:119 Resp: 1734073

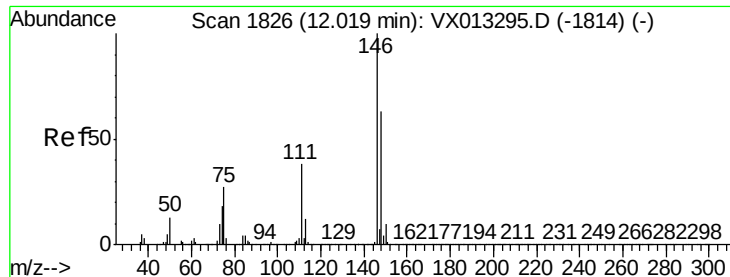
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 22.7 11.5 34.4

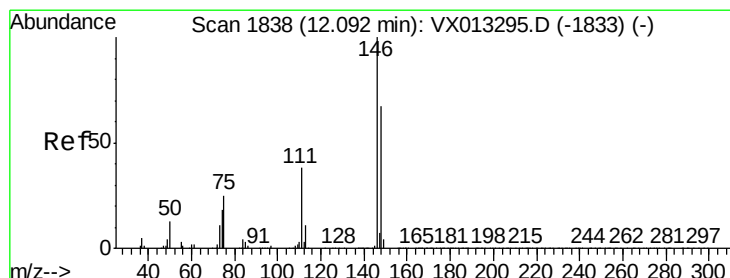
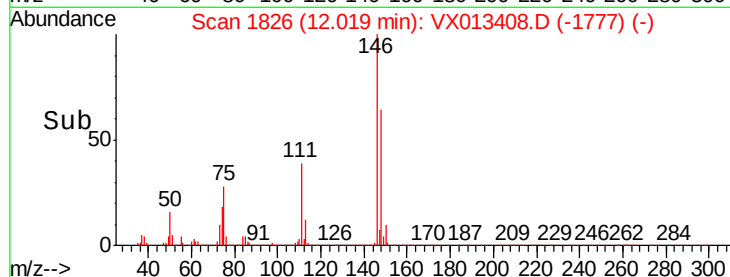
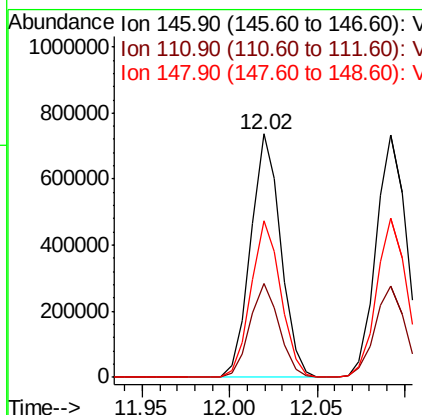
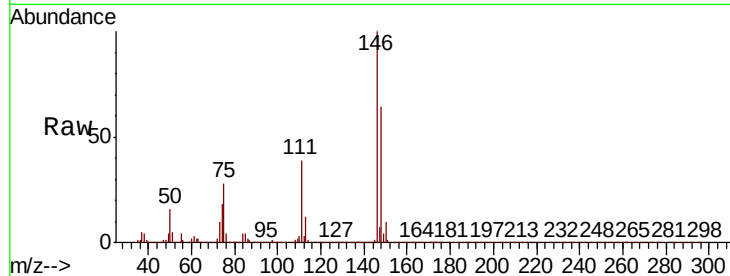




#87
 1,3-Dichlorobenzene
 Concen: 54.334 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013408.D
 Acq: 13 Nov 2019 16:13

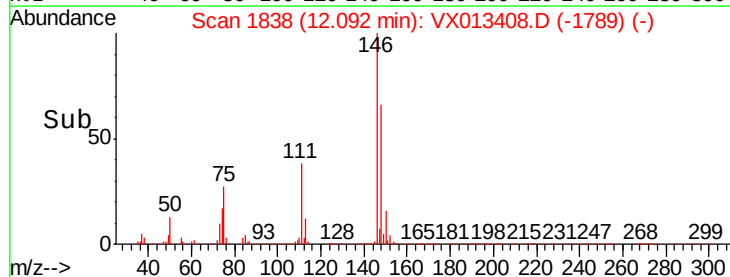
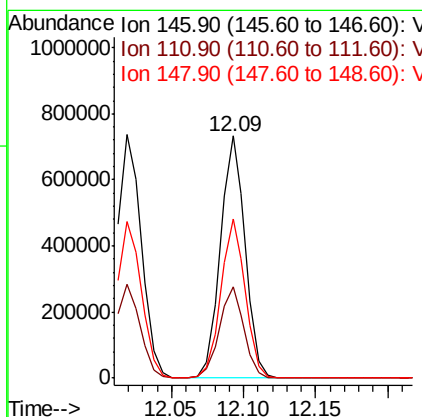
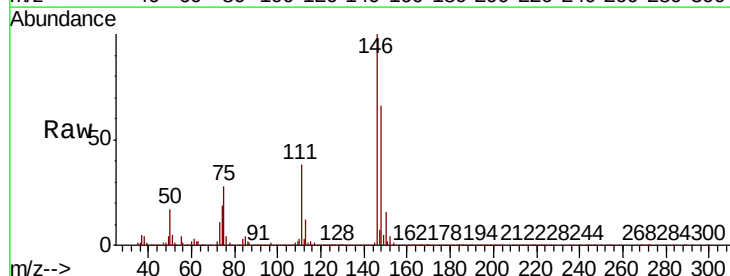
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

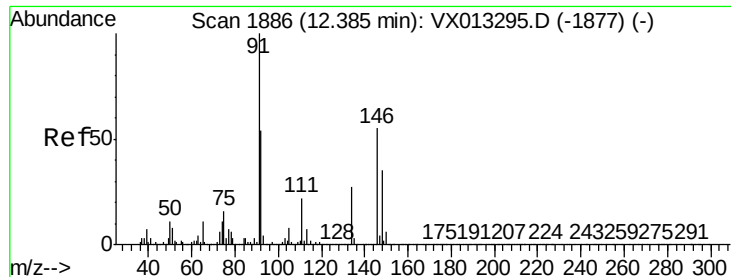
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 53.358 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013408.D
 Acq: 13 Nov 2019 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.4
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 57.758 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

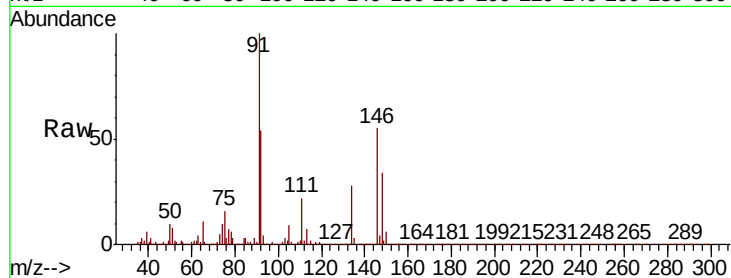
Tot Ion: 91 Resp: 1528314

Ion Ratio Lower Upper

91 100

92 55.0 27.3 81.8

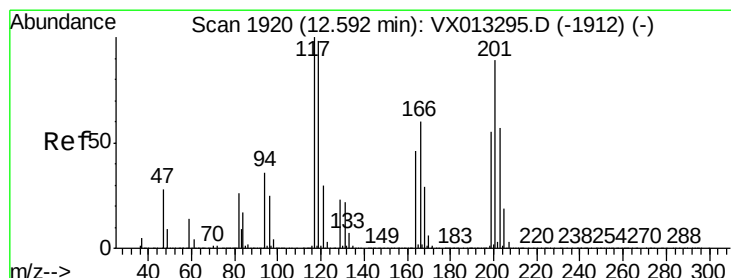
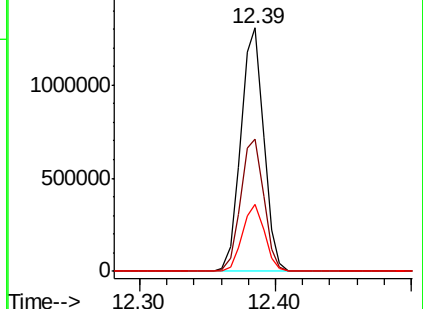
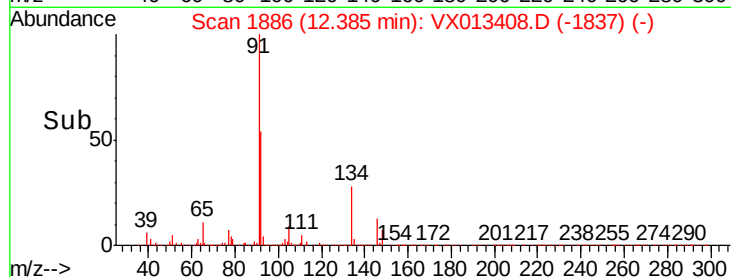
134 27.1 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX013408.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX013408.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX013408.D (-1837) (-)



#90

Hexachloroethane

Concen: 57.721 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013408.D

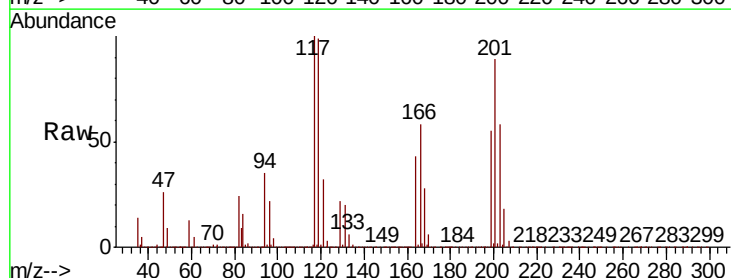
Acq: 13 Nov 2019 16:13

Tgt Ion: 117 Resp: 311871

Ion Ratio Lower Upper

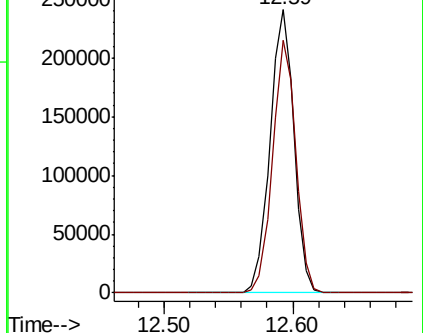
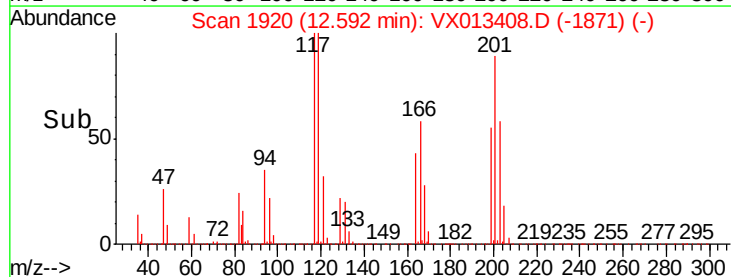
117 100

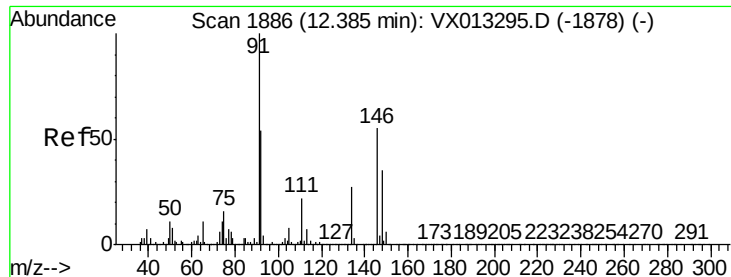
201 87.2 43.9 131.7



Abundance Ion 116.80 (116.50 to 117.50): VX013408.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX013408.D (-1871) (-)

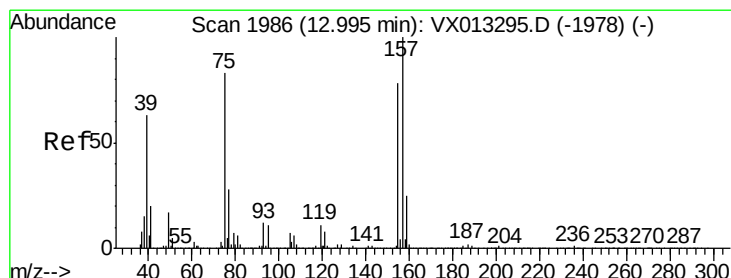
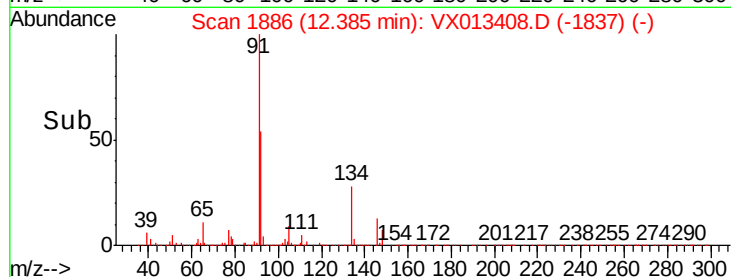
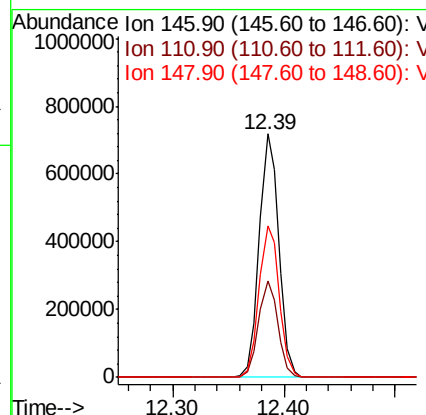
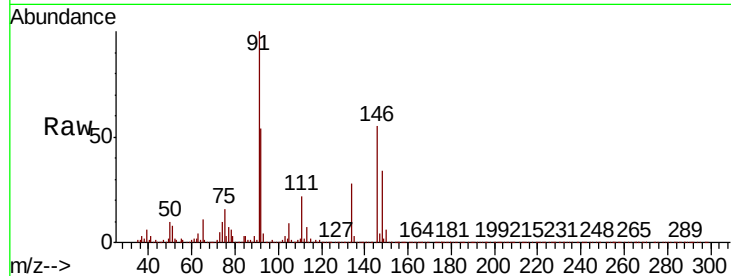




#91
 1,2-Dichlorobenzene
 Concen: 54.435 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013408.D
 Acq: 13 Nov 2019 16:13

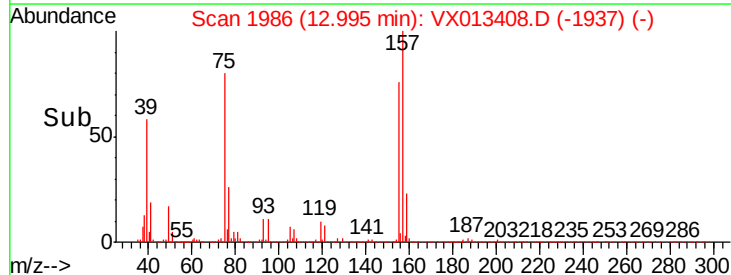
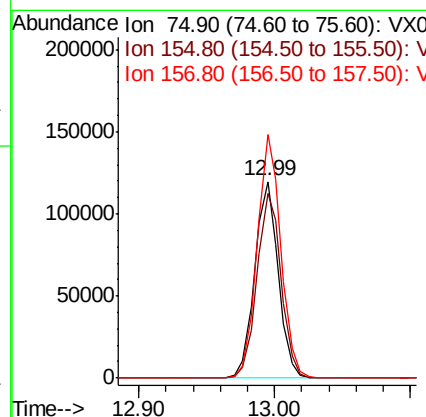
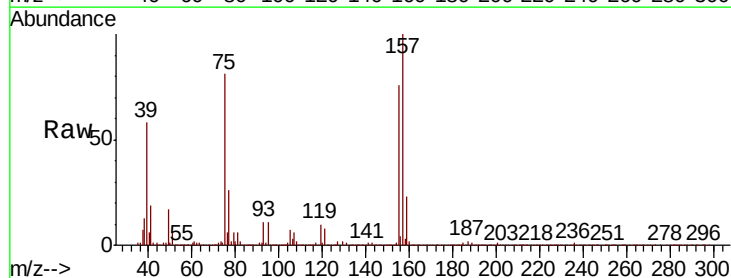
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

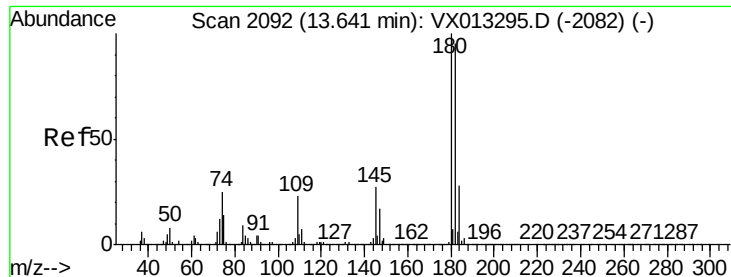
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.1	60.2
148	64.3	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.754 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013408.D
 Acq: 13 Nov 2019 16:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	47.1	141.4
157	124.2	61.3	183.8





#93

1,2,4-Trichlorobenzene

Concen: 55.156 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

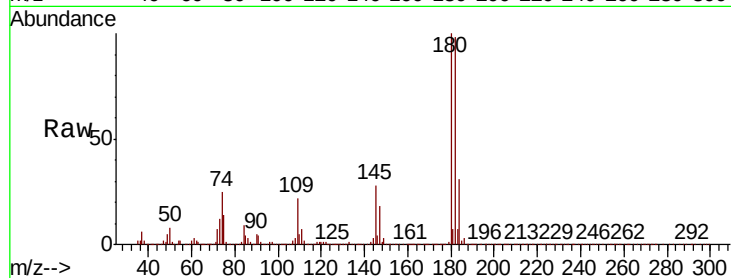
Tot Ion:180 Resp: 624542

Ion Ratio Lower Upper

180 100

182 95.3 48.4 145.0

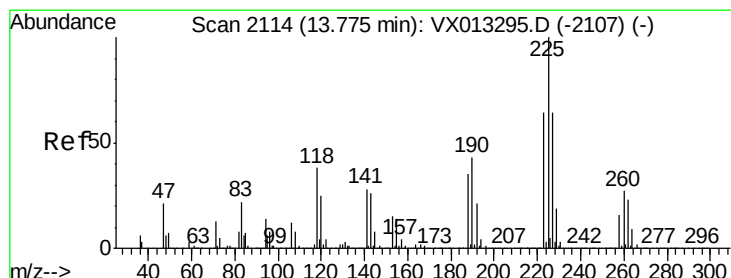
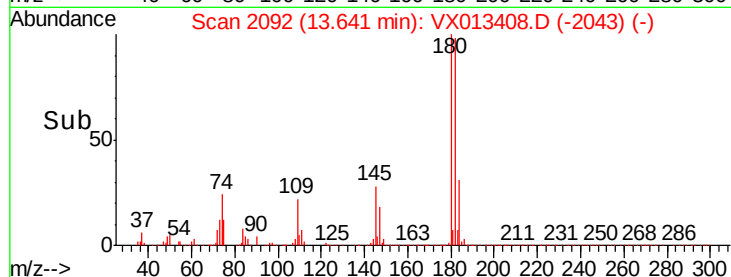
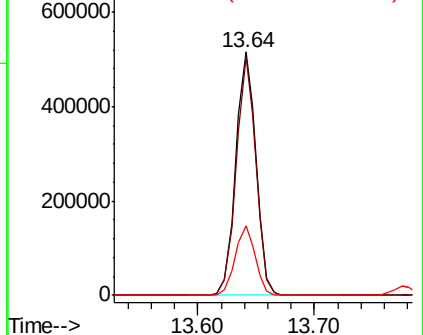
145 28.3 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 53.532 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX013408.D

Acq: 13 Nov 2019 16:13

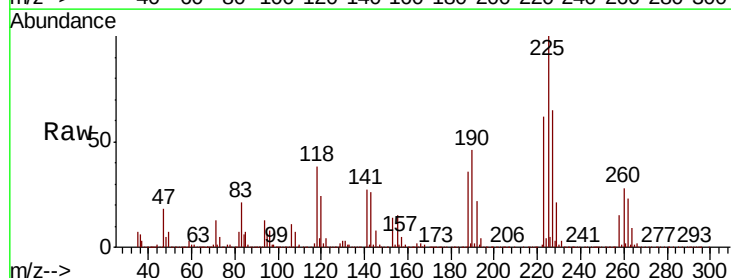
Tgt Ion:225 Resp: 296552

Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.7

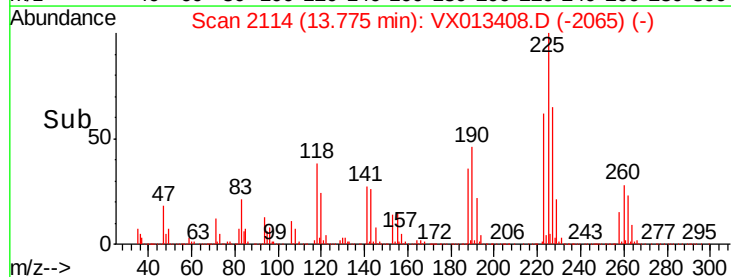
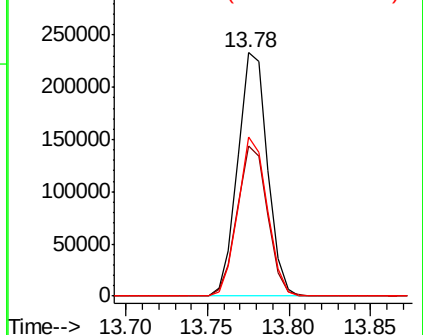
227 64.6 31.9 95.9

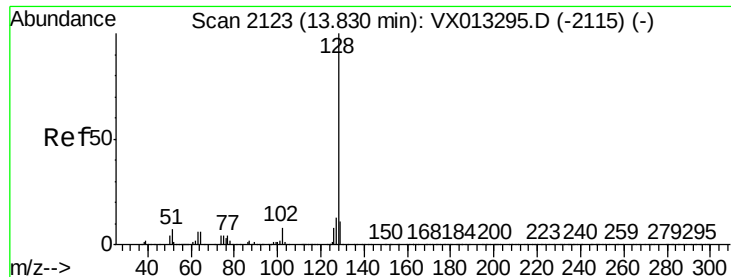


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

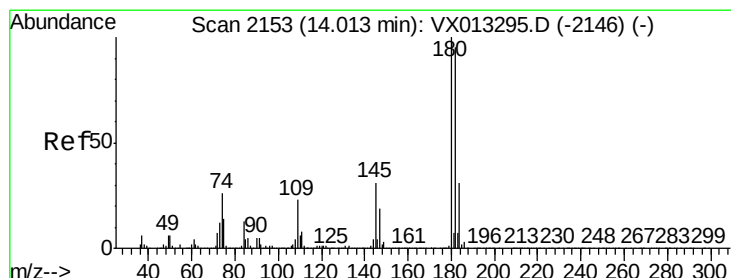
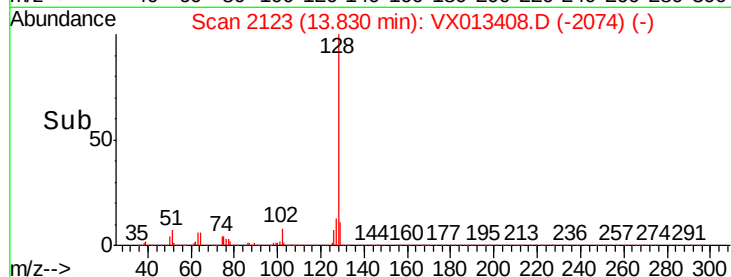
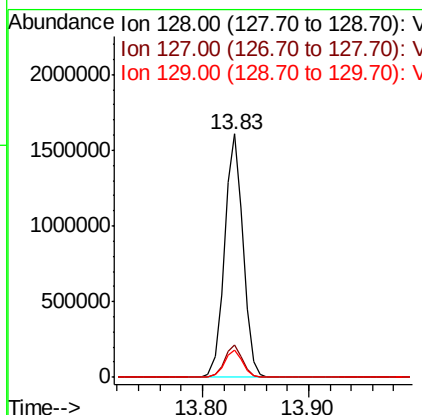
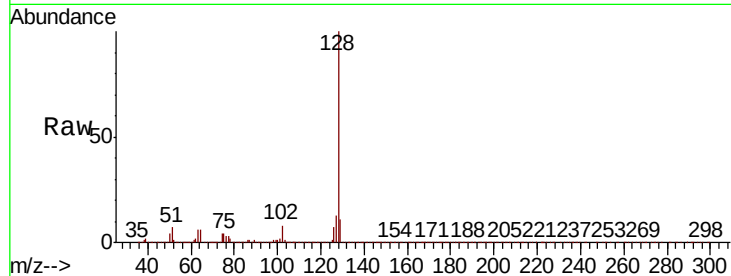




#95
Naphthalene
Concen: 54.575 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1938853
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 55.234 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013408.D
Acq: 13 Nov 2019 16:13

Tgt Ion:180 Resp: 627230
Ion Ratio Lower Upper
180 100
182 94.8 48.0 144.2
145 29.5 15.4 46.4

