

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX013004.D
 Acq On : 10 Oct 2019 18:26
 Operator : JC/SP
 Sample : K5261-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MS

Quant Time: Oct 11 04:40:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	268865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116050	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105030	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
35) Dibromofluoromethane	5.49	113	82532	53.48	ug/l	0.00
Spiked Amount			Recovery	=	106.96%	
50) Toluene-d8	8.71	98	314290	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.14	95	121525	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	80667	49.989	ug/l	98
3) Chloromethane	1.32	50	90071	51.288	ug/l	98
4) Vinyl Chloride	1.40	62	105583	58.248	ug/l	99
5) Bromomethane	1.63	94	33423	44.357	ug/l	98
6) Chloroethane	1.71	64	55862	50.449	ug/l	97
7) Trichlorofluoromethane	1.92	101	129272	52.838	ug/l	98
8) Diethyl Ether	2.18	74	52249	52.909	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79149	49.987	ug/l	99
10) Methyl Iodide	2.50	142	94434	52.375	ug/l	100
11) Tert butyl alcohol	3.03	59	114526	218.341	ug/l	100
12) 1,1-Dichloroethene	2.36	96	82567	51.611	ug/l	98
13) Acrolein	2.28	56	91621	245.791	ug/l	99
14) Allyl chloride	2.72	41	143444	50.349	ug/l	99
15) Acrylonitrile	3.13	53	267769	269.380	ug/l	99
16) Acetone	2.44	43	221321	212.205	ug/l	100
17) Carbon Disulfide	2.56	76	212345	46.550	ug/l	99
18) Methyl Acetate	2.76	43	118805	48.059	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	297388	53.829	ug/l	96
20) Methylene Chloride	2.84	84	94210	49.151	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	135786	79.189	ug/l	99
22) Diisopropyl ether	3.84	45	290808	53.269	ug/l	93
23) Vinyl Acetate	3.80	43	1190280	252.562	ug/l	100
24) 1,1-Dichloroethane	3.69	63	168562	54.884	ug/l	99
25) 2-Butanone	4.66	43	360562	249.186	ug/l	97
26) 2,2-Dichloropropane	4.57	77	115911	44.881	ug/l	91
27) cis-1,2-Dichloroethene	4.58	96	214344	108.446	ug/l	94
28) Bromochloromethane	5.01	49	52719	57.505	ug/l	100
29) Tetrahydrofuran	5.12	42	235910	264.945	ug/l	99
30) Chloroform	5.20	83	163786	51.973	ug/l	99
31) Cyclohexane	5.57	56	143288	49.894	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	143066	53.579	ug/l	99
36) 1,1-Dichloropropene	5.79	75	119402	50.511	ug/l	99
37) Ethyl Acetate	4.82	43	131526	49.759	ug/l	100
38) Carbon Tetrachloride	5.78	117	119227	51.818	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141910	49.502	ug/l	97
40) Benzene	6.14	78	371824	53.257	ug/l	99
41) Methacrylonitrile	5.03	41	78347	53.941	ug/l	99
42) 1,2-Dichloroethane	6.18	62	134458	53.670	ug/l	98
43) Isopropyl Acetate	6.43	43	216903	51.126	ug/l	100
44) Trichloroethene	7.21	130	130832	67.577	ug/l	93
45) 1,2-Dichloropropane	7.51	63	95640	53.748	ug/l	100
46) Dibromomethane	7.65	93	64273	54.214	ug/l	99
47) Bromodichloromethane	7.89	83	125180	54.106	ug/l	99
48) Methyl methacrylate	7.76	41	108983	52.714	ug/l	99
49) 1,4-Dioxane	7.73	88	47044	853.270	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	707170	267.349	ug/l	100
52) Toluene	8.78	92	231734	51.881	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	132033	45.914	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	147934	51.988	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96803	54.764	ug/l	99
56) Ethyl methacrylate	9.17	69	155894	49.279	ug/l	99
57) 1,3-Dichloropropane	9.37	76	162042	52.995	ug/l	100
59) 2-Hexanone	9.49	43	526429	255.665	ug/l	99
60) Dibromochloromethane	9.58	129	95527	48.616	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100879	54.252	ug/l	98
64) Tetrachloroethene	9.33	164	88081	52.009	ug/l	98
65) Chlorobenzene	10.14	112	247356	51.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	90717	53.959	ug/l	100
67) Ethyl Benzene	10.24	91	446803	51.875	ug/l	99
68) m/p-Xylenes	10.35	106	332182	103.237	ug/l	98
69) o-Xylene	10.70	106	161699	51.533	ug/l	99
70) Stvrene	10.71	104	280797	52.640	ug/l	99
71) Bromoform	10.85	173	65549	46.033	ug/l #	100
73) Isopropylbenzene	11.01	105	436591	51.170	ug/l	99
74) N-amyl acetate	10.89	43	173454	47.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	140374	49.465	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	166266	64.595	ug/l	77
77) Bromobenzene	11.25	156	101444	50.455	ug/l	97
78) n-propylbenzene	11.35	91	476169	50.718	ug/l	100
79) 2-Chlorotoluene	11.42	91	294984	49.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	363948	51.085	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	42173	42.775	ug/l	95
82) 4-Chlorotoluene	11.51	91	340853	50.399	ug/l	100
83) tert-Butylbenzene	11.76	119	348887	50.201	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	370044	51.285	ug/l	98
85) sec-Butylbenzene	11.94	105	416999	51.791	ug/l	98
86) p-Isopropyltoluene	12.06	119	372858	49.931	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183586	49.170	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	179186	47.387	ug/l	99
89) n-Butylbenzene	12.38	91	311981	49.710	ug/l	100
90) Hexachloroethane	12.59	117	63855	46.331	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	179926	49.155	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34332	51.616	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	109500	47.755	ug/l	98

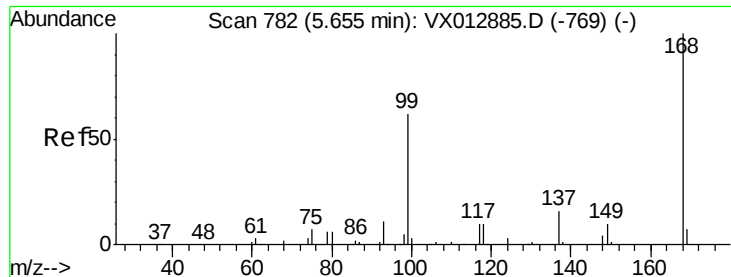
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	49043	46.346	ug/l	99
95) Naphthalene	13.83	128	393263	49.476	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115649	48.807	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

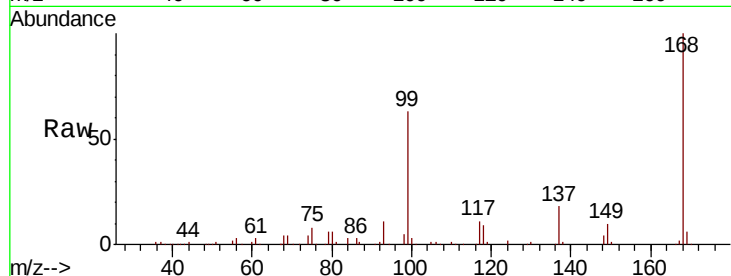
S49-0555MS

Tot Ion:168 Resp: 158310

Ion Ratio Lower Upper

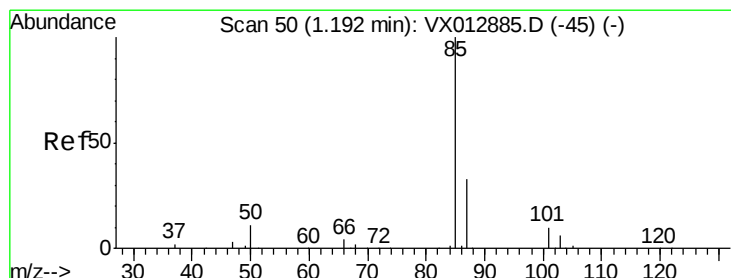
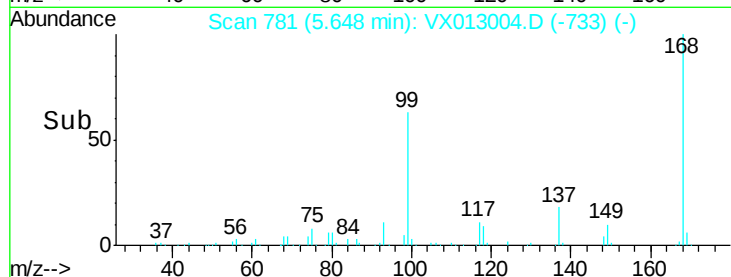
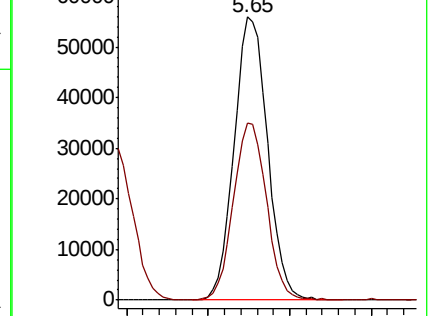
168 100

99 62.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.989 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013004.D

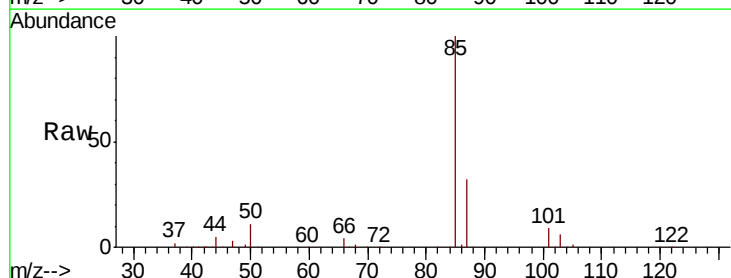
Acq: 10 Oct 2019 18:26

Tgt Ion: 85 Resp: 80667

Ion Ratio Lower Upper

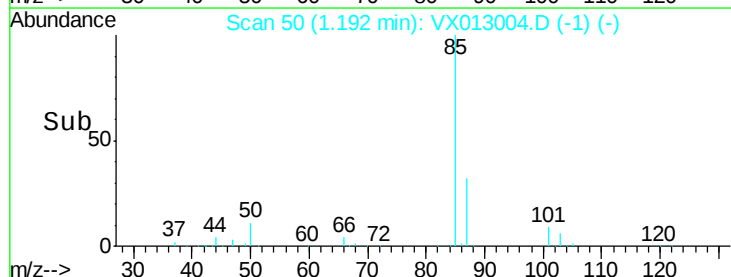
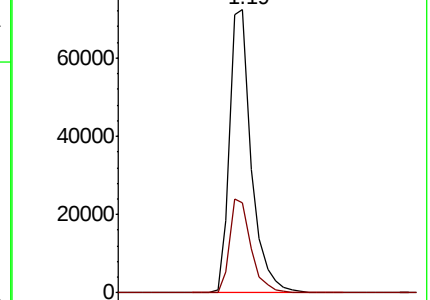
85 100

87 31.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.288 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

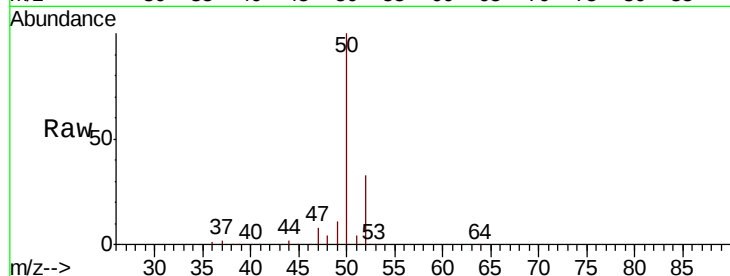
S49-0555MS

Tot Ion: 50 Resp: 90071

Ion Ratio Lower Upper

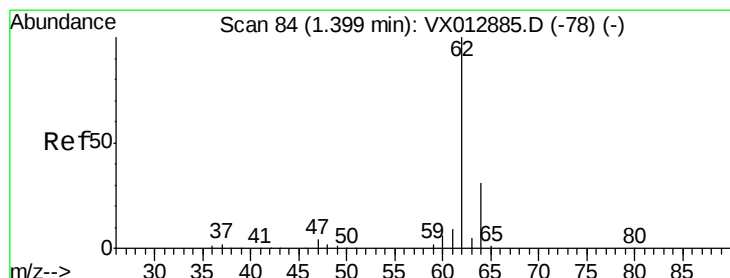
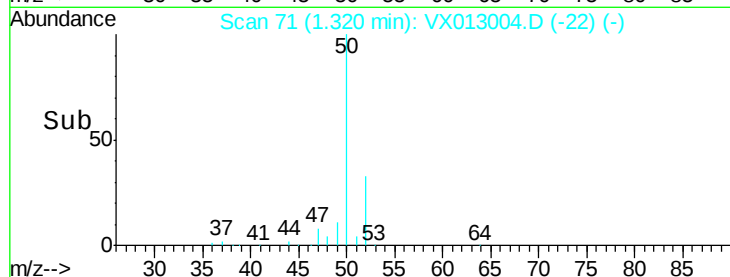
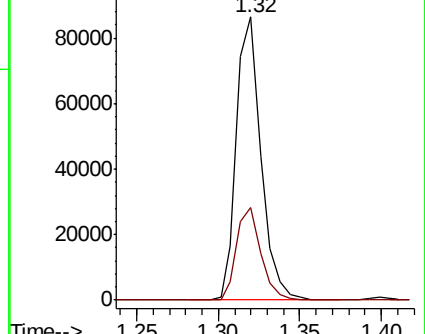
50 100

52 32.6 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 58.248 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013004.D

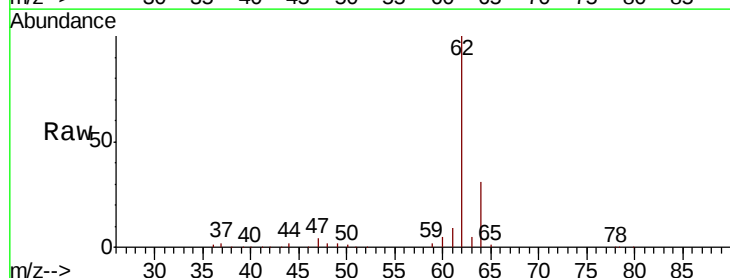
Acq: 10 Oct 2019 18:26

Tgt Ion: 62 Resp: 105583

Ion Ratio Lower Upper

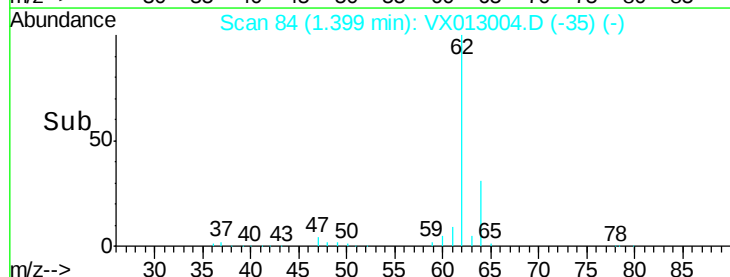
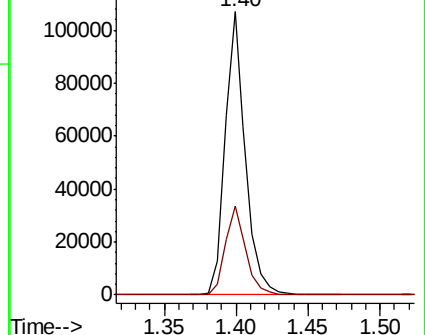
62 100

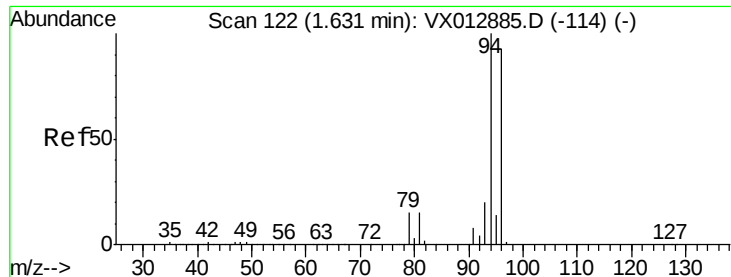
64 31.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.357 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

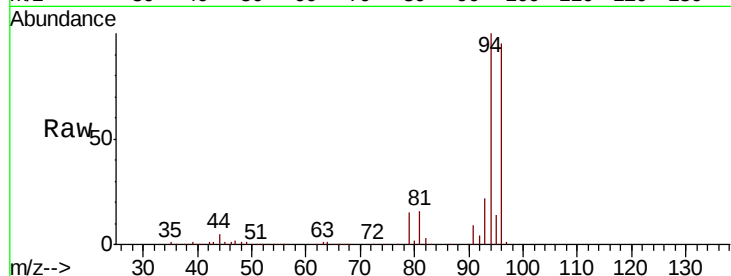
S49-0555MS

Tot Ion: 94 Resp: 33423

Ion Ratio Lower Upper

94 100

96 95.4 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

30000

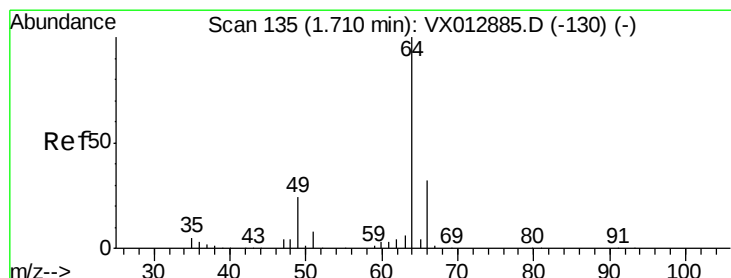
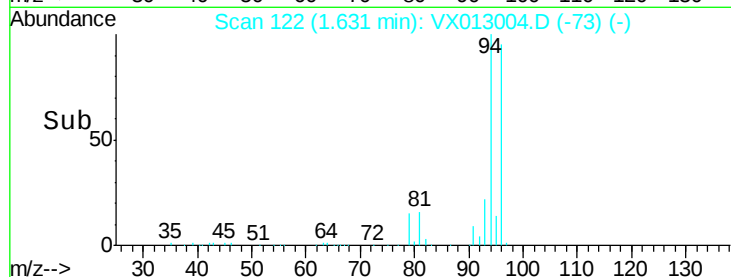
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 50.449 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013004.D

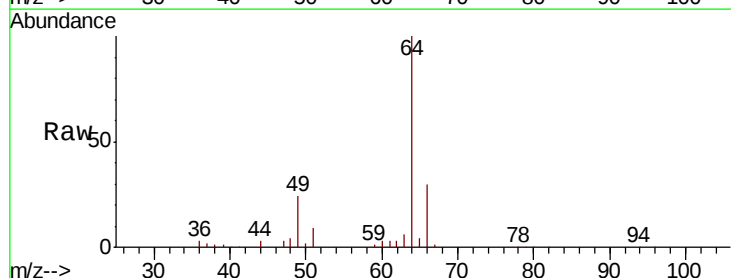
Acq: 10 Oct 2019 18:26

Tgt Ion: 64 Resp: 55862

Ion Ratio Lower Upper

64 100

66 30.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

50000

40000

30000

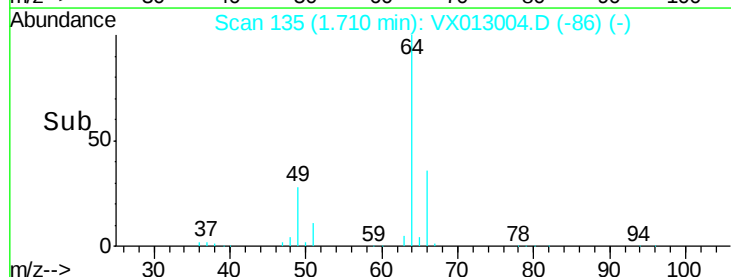
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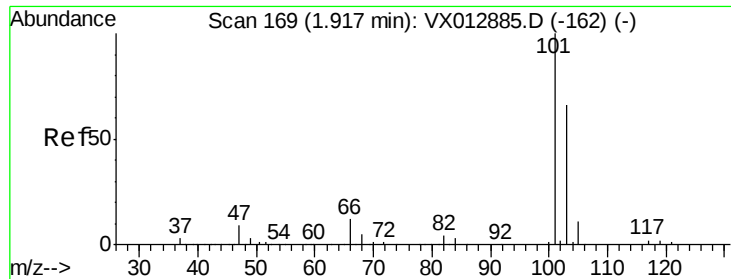
10000

0

Time-->

1.65 1.70 1.75 1.80



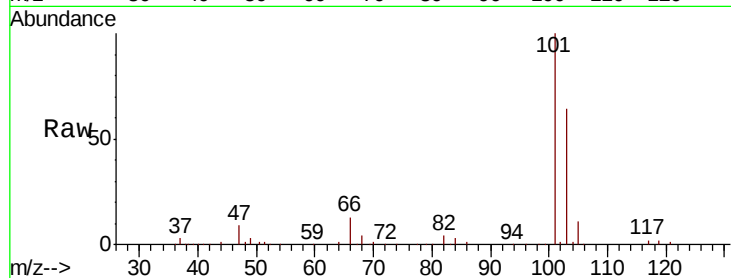


#7

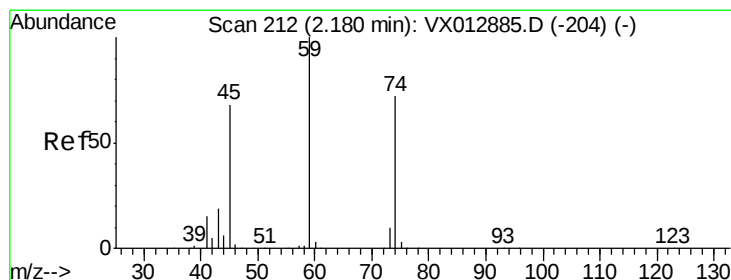
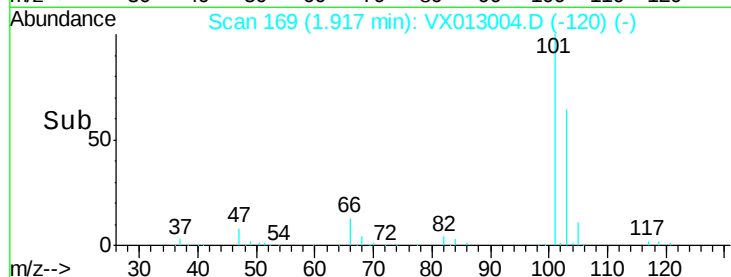
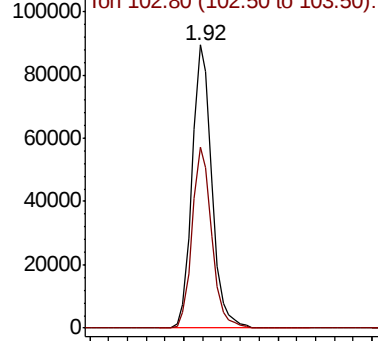
Trichlorofluoromethane
 Concen: 52.838 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MS

Tot Ion:101 Resp: 129272
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.5 78.7



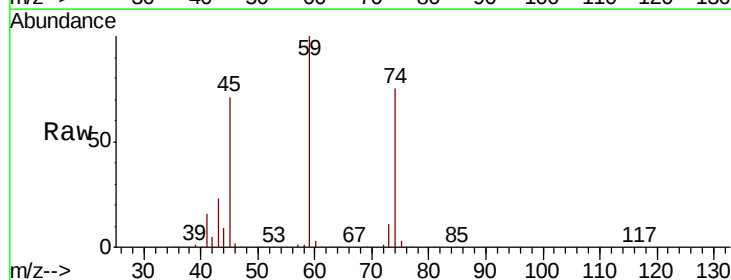
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



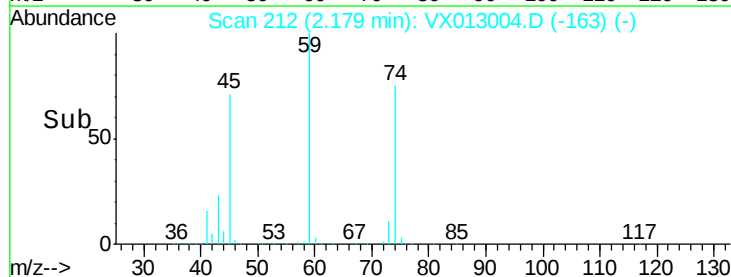
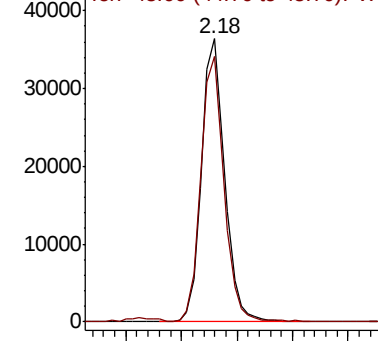
#8

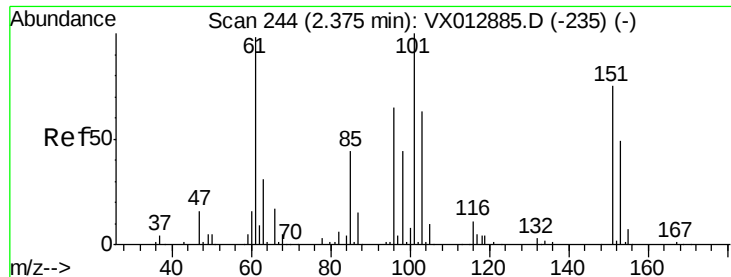
Diethyl Ether
 Concen: 52.909 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Tgt Ion: 74 Resp: 52249
 Ion Ratio Lower Upper
 74 100
 45 93.7 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.987 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampled :

S49-0555MS

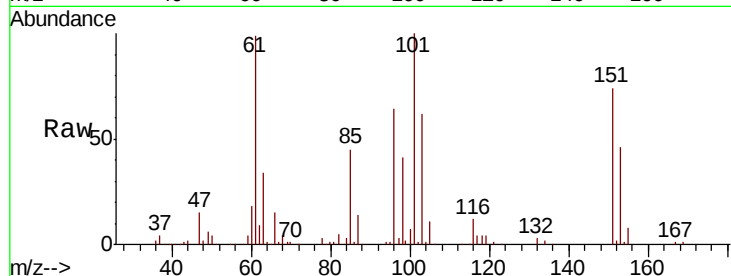
Tot Ion:101 Resp: 79149

Ion Ratio Lower Upper

101 100

85 43.6 35.2 52.8

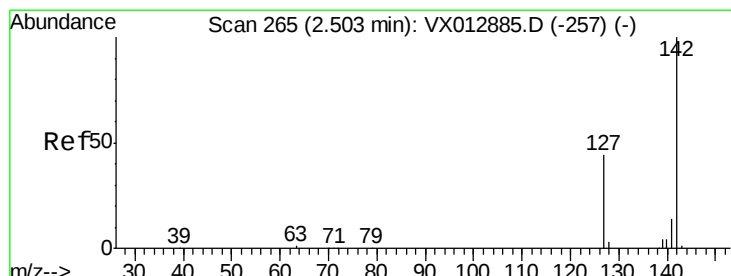
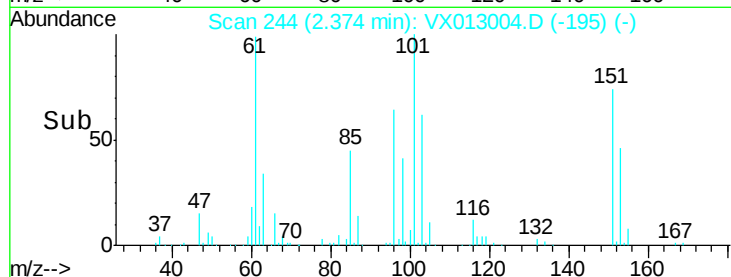
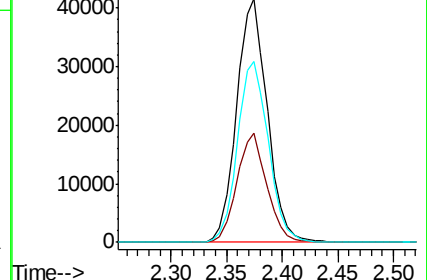
151 74.8 60.3 90.5



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: 52.375 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

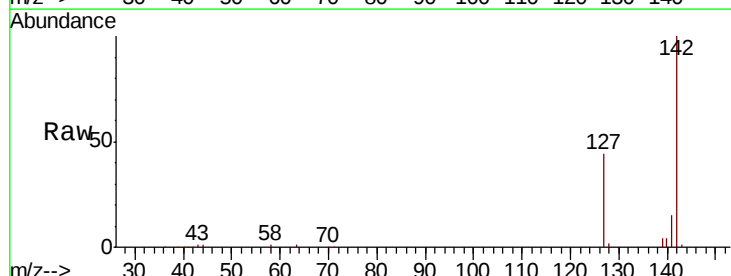
Tgt Ion:142 Resp: 94434

Ion Ratio Lower Upper

142 100

127 43.5 34.9 52.3

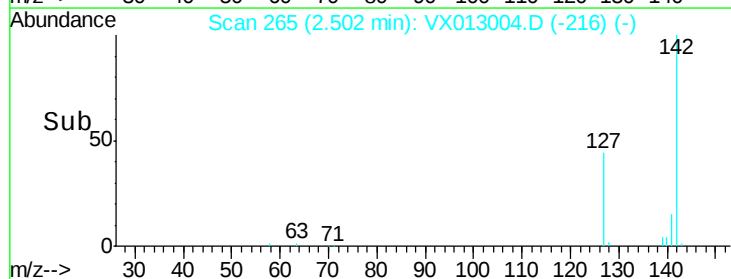
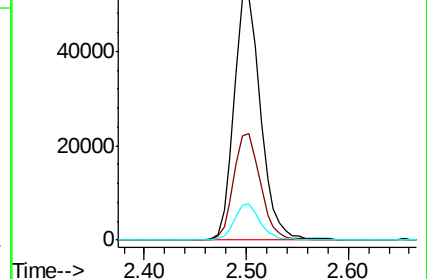
141 14.3 11.6 17.4

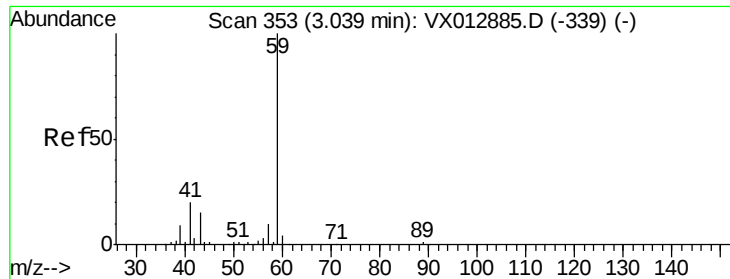


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

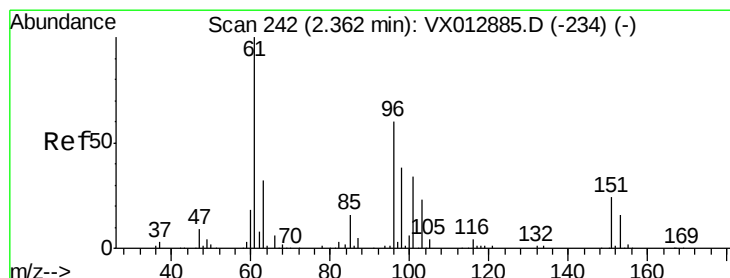
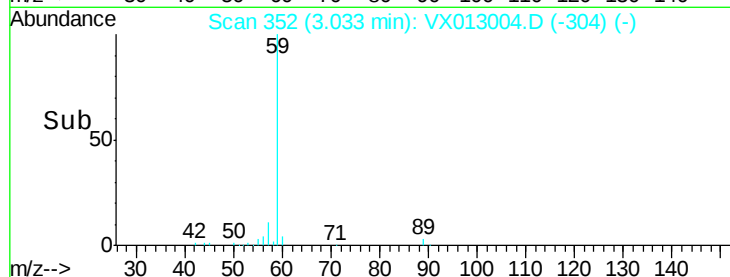
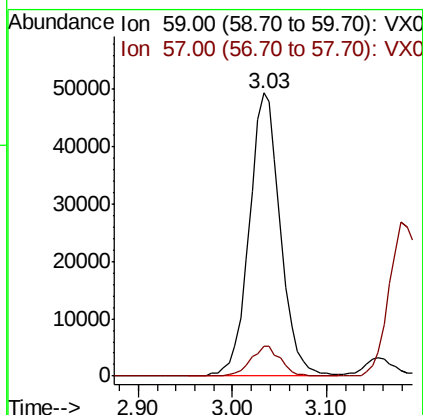
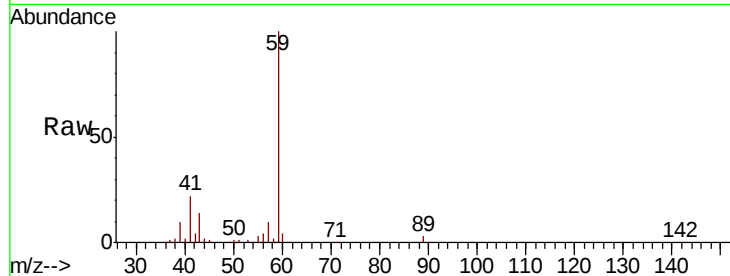




#11
Tert butyl alcohol
Concen: 218.341 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

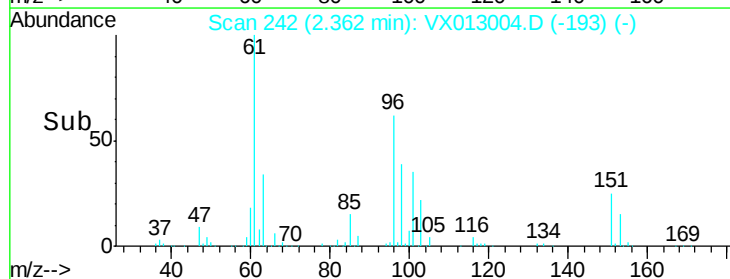
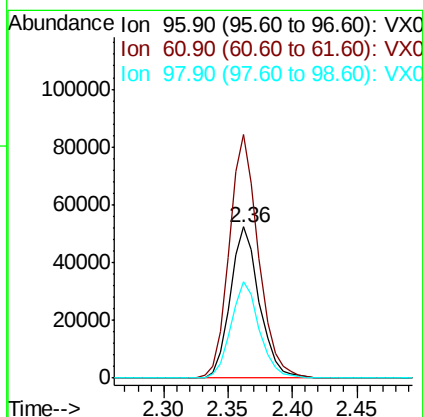
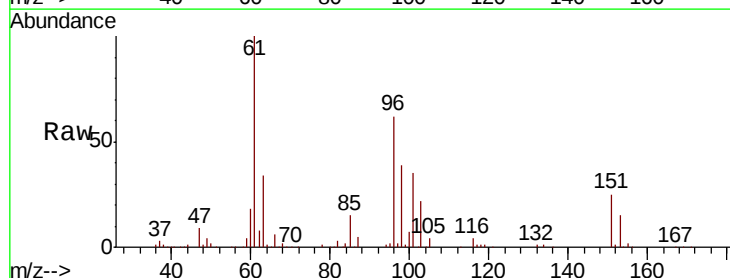
Instrument :
MSVOA_X
ClientSampled :
S49-0555MS

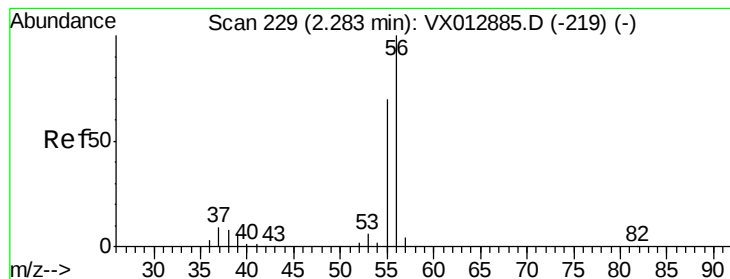
Tot Ion: 59 Resp: 114526
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.611 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion: 96 Resp: 82567
Ion Ratio Lower Upper
96 100
61 161.1 132.2 198.4
98 63.5 50.5 75.7





#13

Acrolein

Concen: 245.791 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampled :

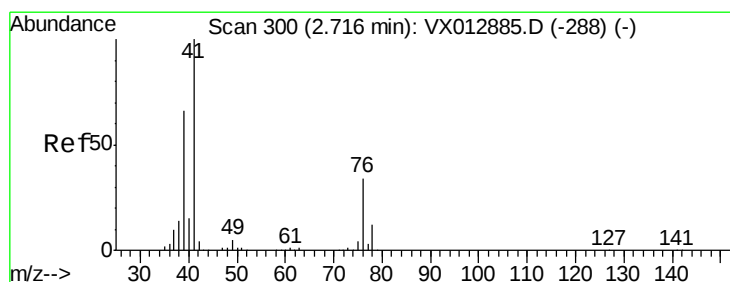
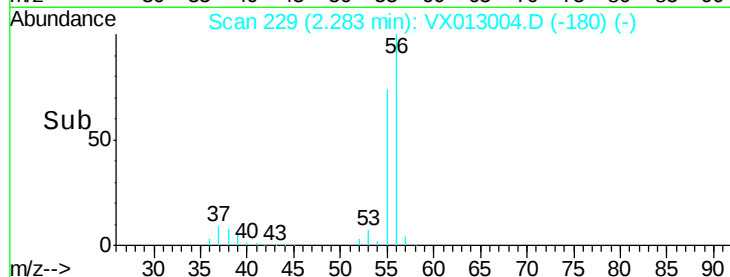
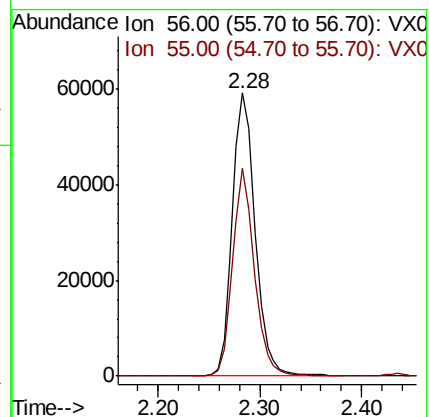
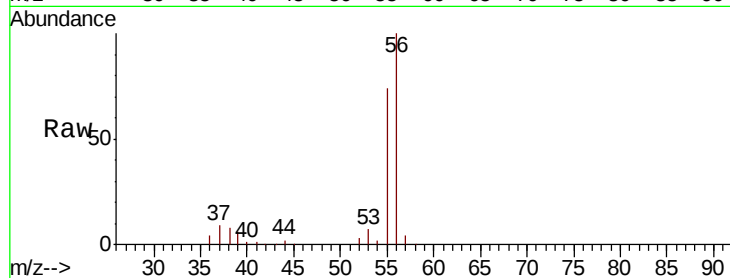
S49-0555MS

Tot Ion: 56 Resp: 91621

Ion Ratio Lower Upper

56 100

55 70.1 56.6 85.0



#14

Allyl chloride

Concen: 50.349 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

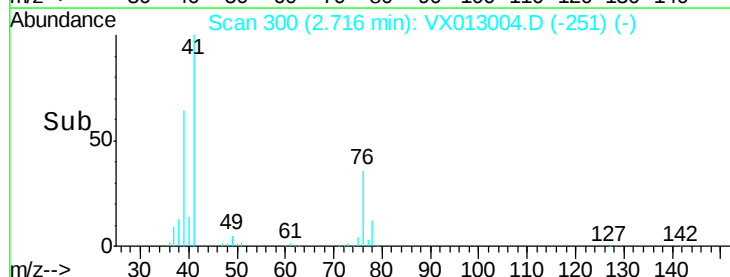
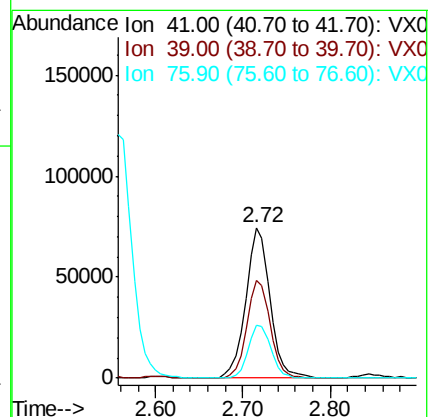
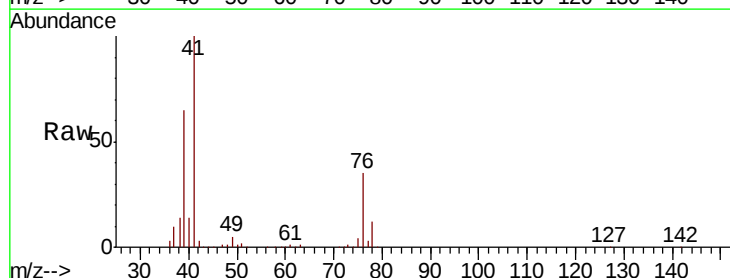
Tgt Ion: 41 Resp: 143444

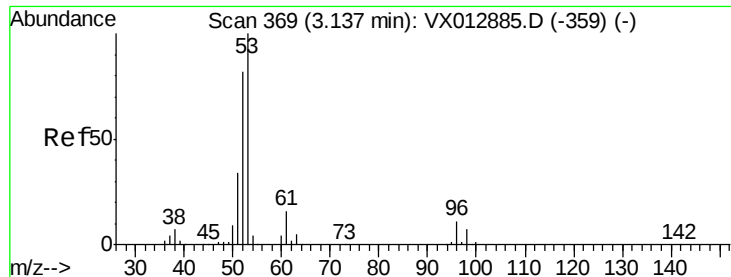
Ion Ratio Lower Upper

41 100

39 62.8 51.0 76.6

76 33.2 26.2 39.4





#15

Acrylonitrile

Concen: 269.380 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MS

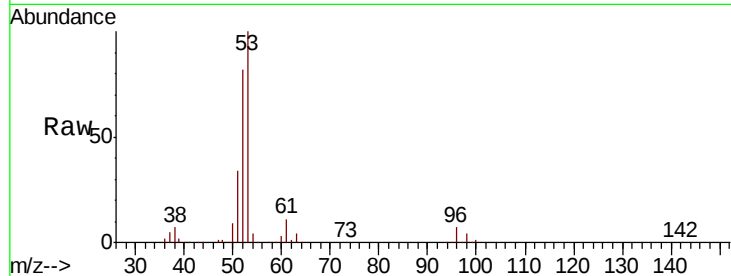
Tot Ion: 53 Resp: 267769

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

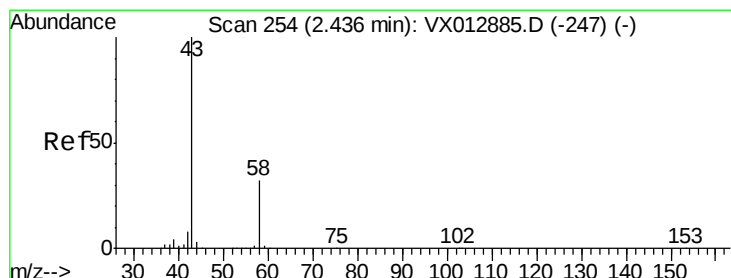
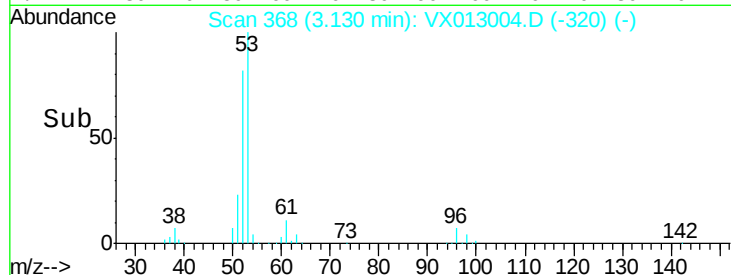
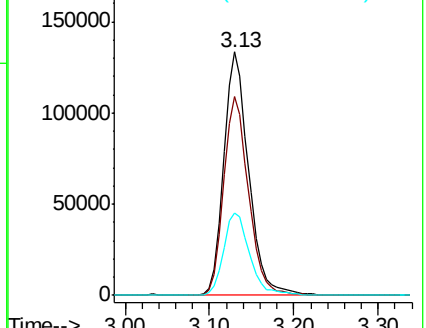
51 35.5 28.2 42.4



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: 212.205 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013004.D

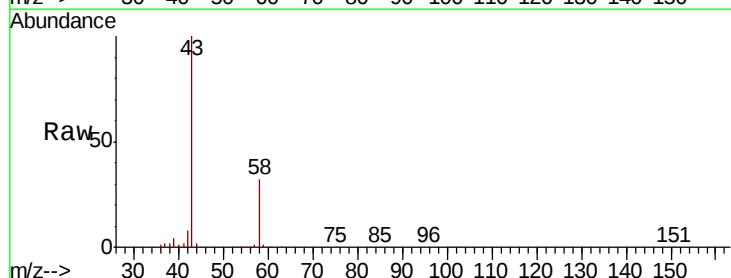
Acq: 10 Oct 2019 18:26

Tgt Ion: 43 Resp: 221321

Ion Ratio Lower Upper

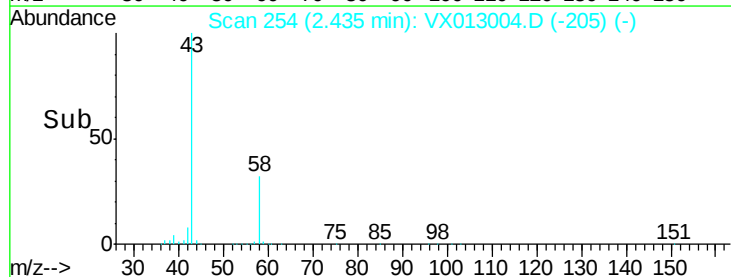
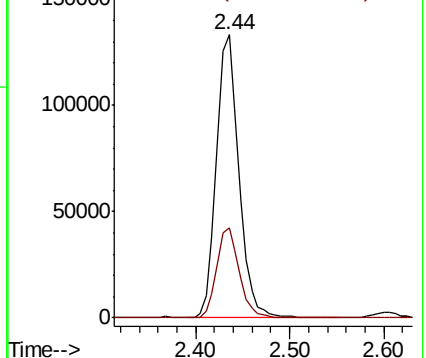
43 100

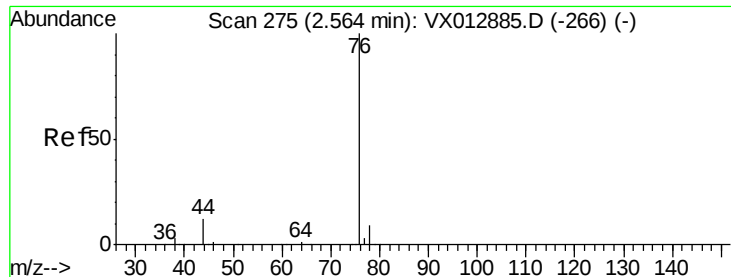
58 32.0 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

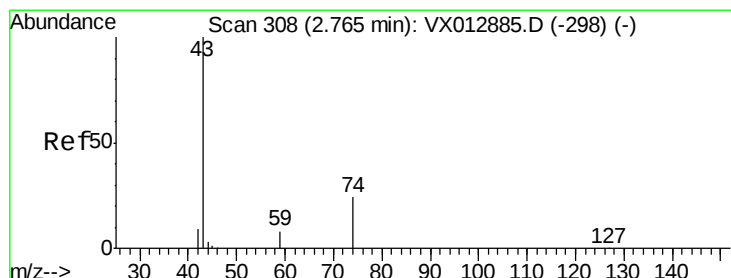
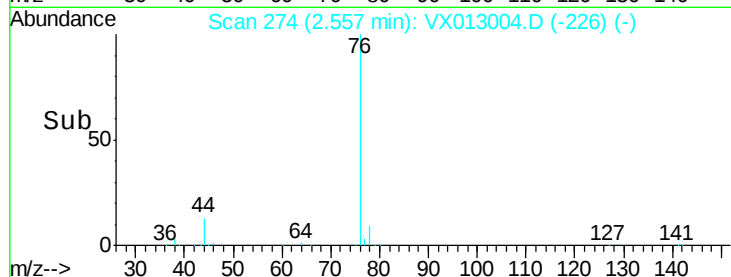
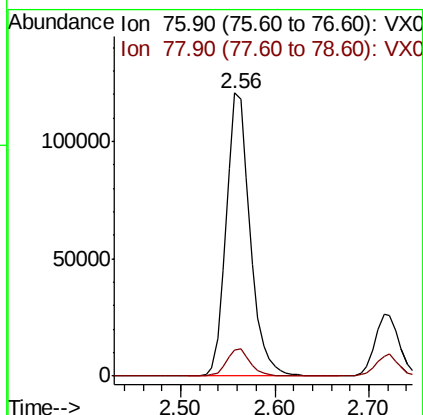
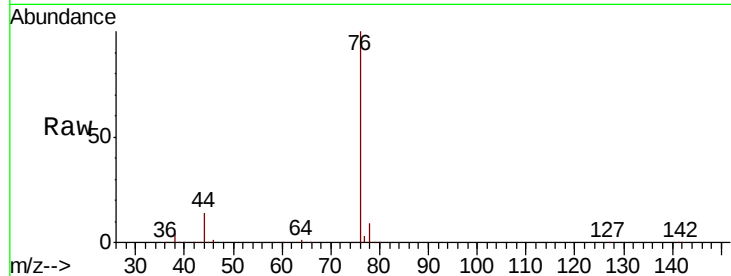




#17
Carbon Disulfide
Concen: 46.550 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

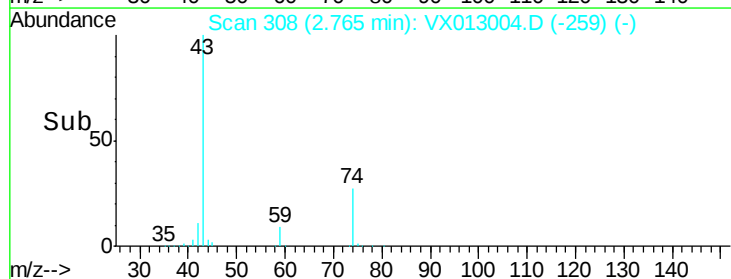
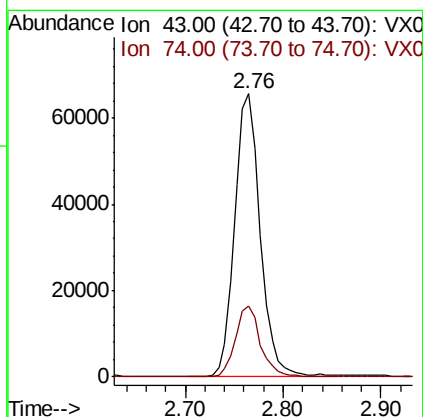
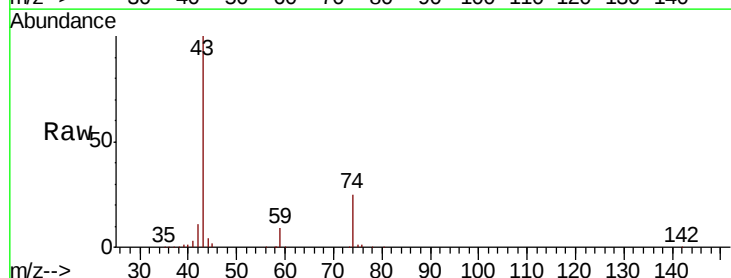
Instrument :
MSVOA_X
ClientSampled :
S49-0555MS

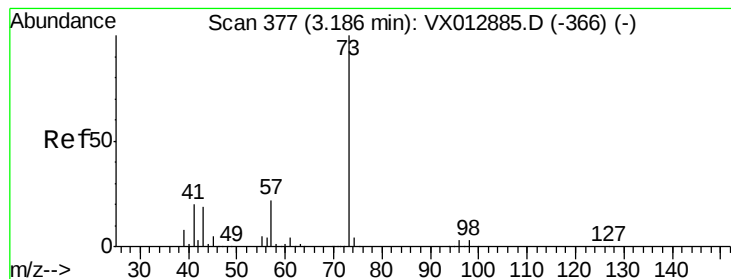
Tot Ion: 76 Resp: 212345
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 48.059 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion: 43 Resp: 118805
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8



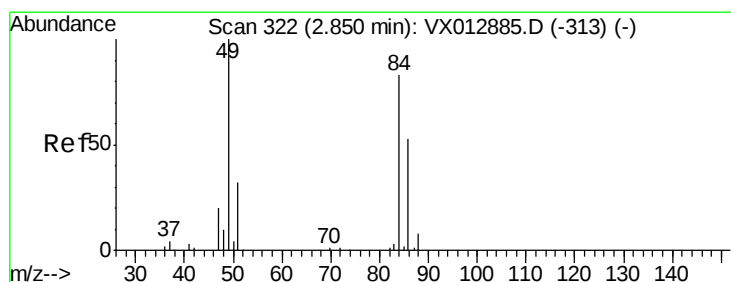
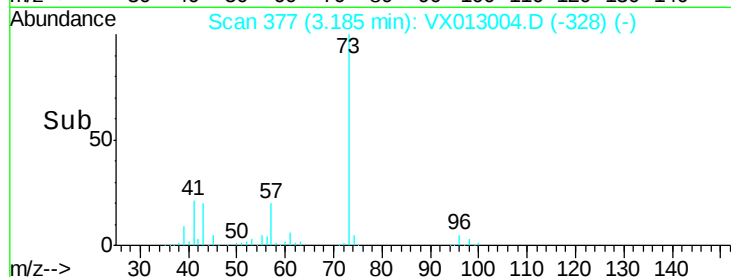
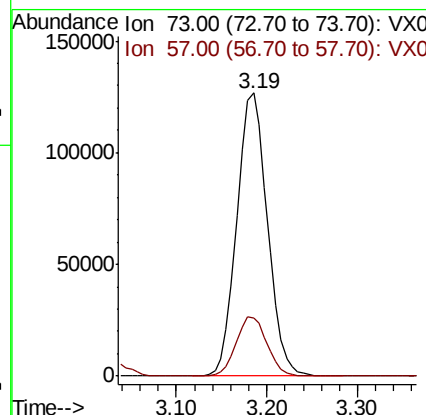
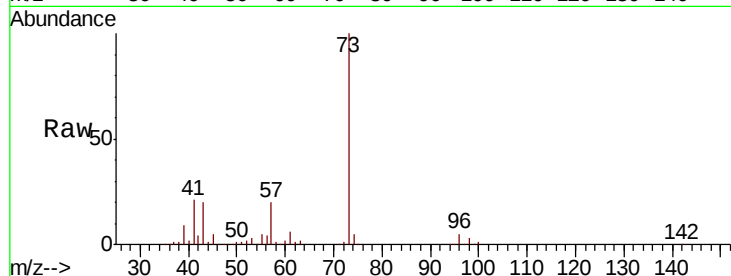


#19

Methyl tert-butyl Ether
 Concen: 53.829 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Instrument :
 MSVOA_X
 ClientSampled :
 S49-0555MS

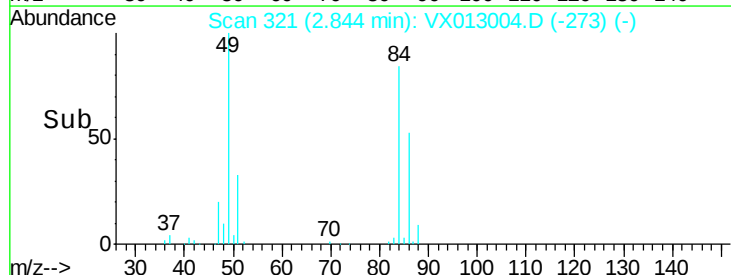
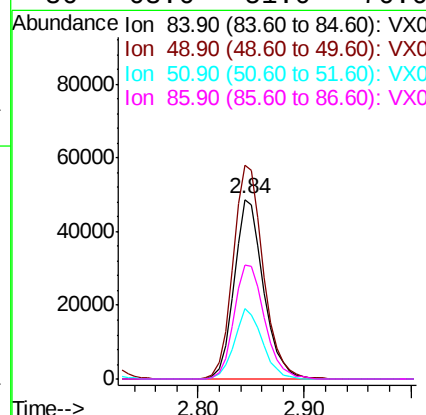
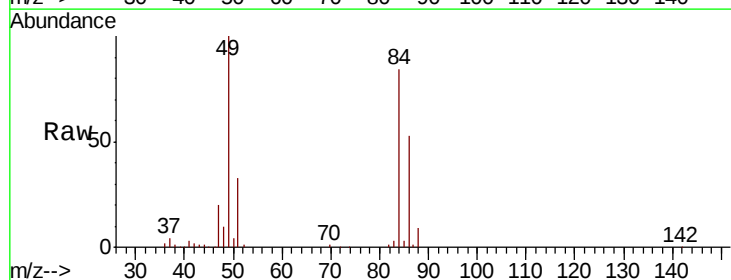
Tot Ion: 73 Resp: 297388
 Ion Ratio Lower Upper
 73 100
 57 20.4 17.8 26.6

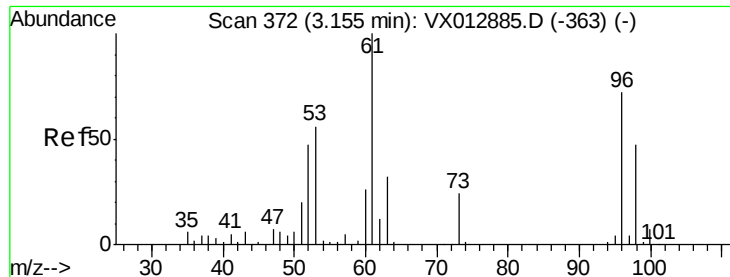


#20

Methylene Chloride
 Concen: 49.151 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Tgt Ion: 84 Resp: 94210
 Ion Ratio Lower Upper
 84 100
 49 119.1 96.6 144.8
 51 39.2 30.7 46.1
 86 63.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 79.189 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampled :

S49-0555MS

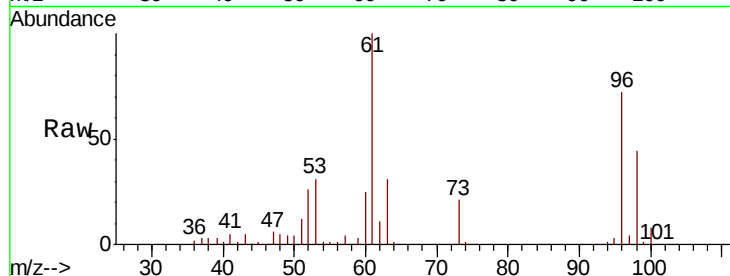
Tot Ion: 96 Resp: 135786

Ion Ratio Lower Upper

96 100

61 138.4 110.4 165.6

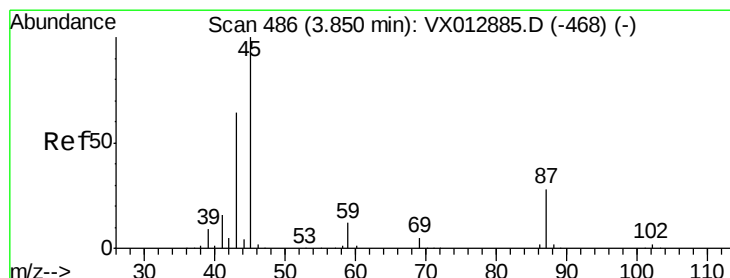
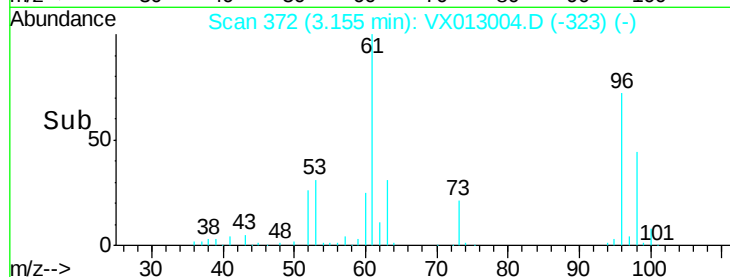
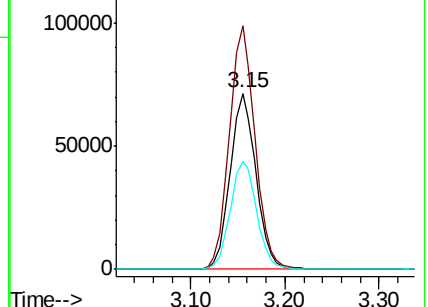
98 61.4 51.5 77.3



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: 53.269 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Tgt Ion: 45 Resp: 290808

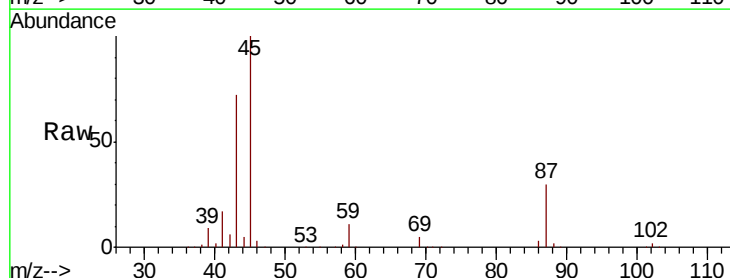
Ion Ratio Lower Upper

45 100

43 71.2 51.4 77.0

87 29.7 22.5 33.7

59 11.4 9.7 14.5

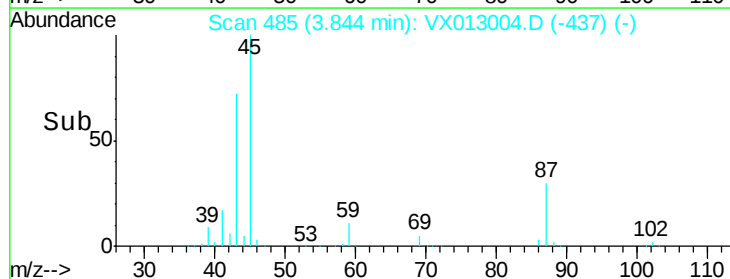
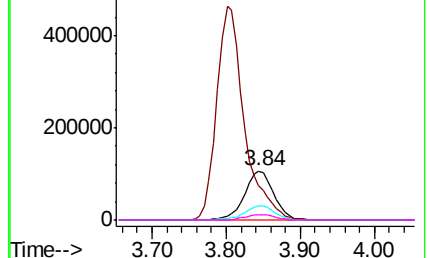


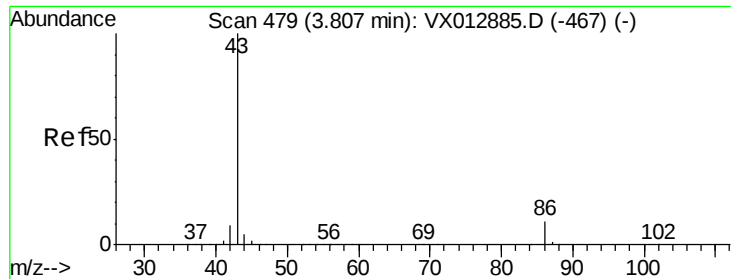
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 252.562 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleID :

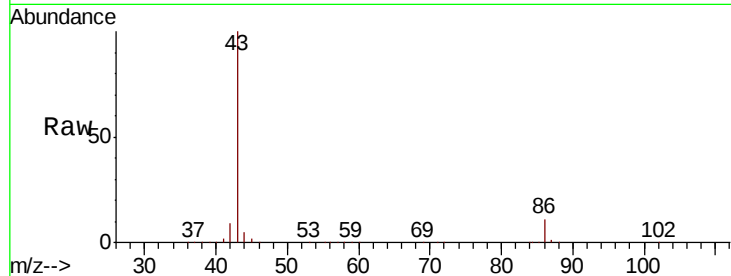
S49-0555MS

Tot Ion: 43 Resp: 1190280

Ion Ratio Lower Upper

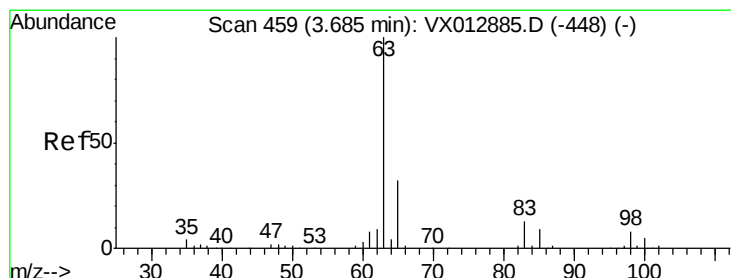
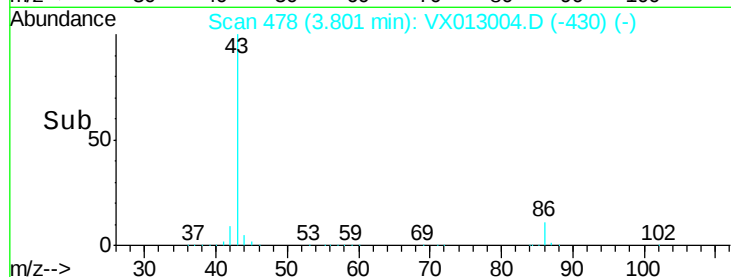
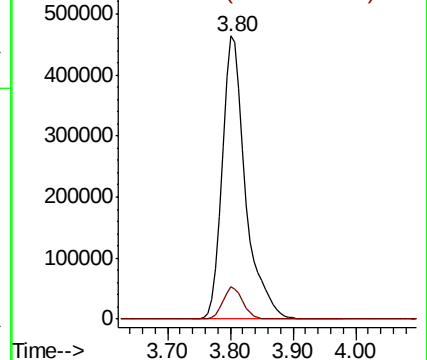
43 100

86 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.884 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

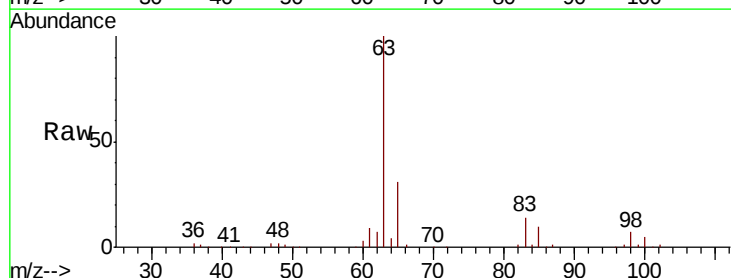
Tgt Ion: 63 Resp: 168562

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

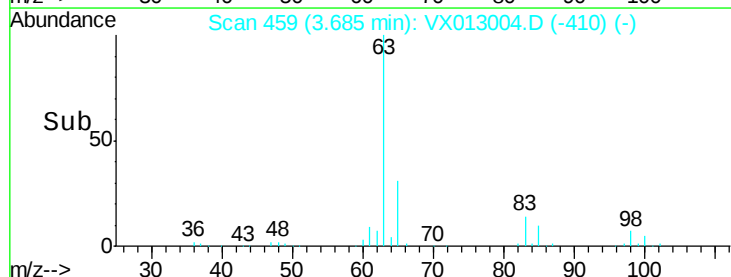
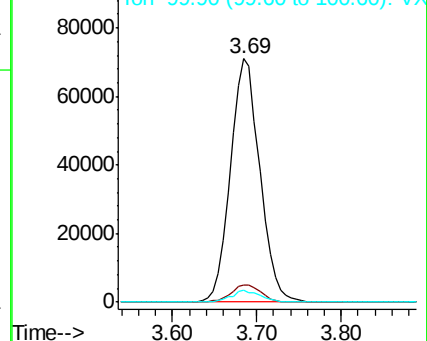
100 4.9 2.3 6.9

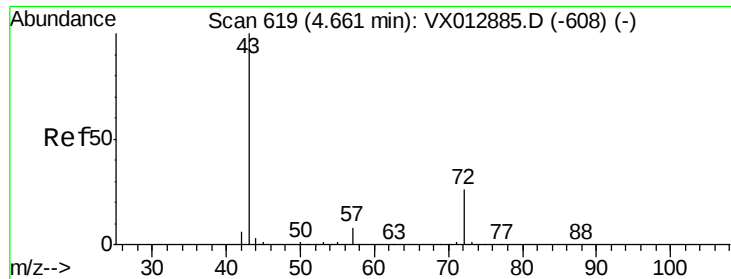


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.186 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

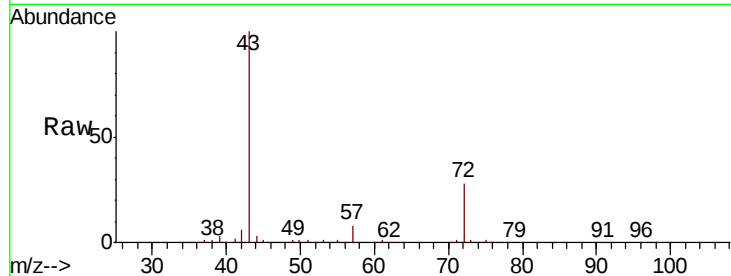
S49-0555MS

Tot Ion: 43 Resp: 360562

Ion Ratio Lower Upper

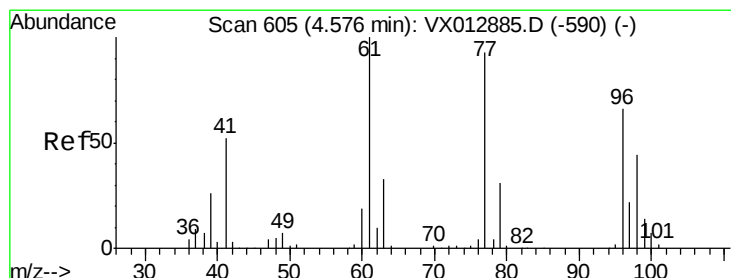
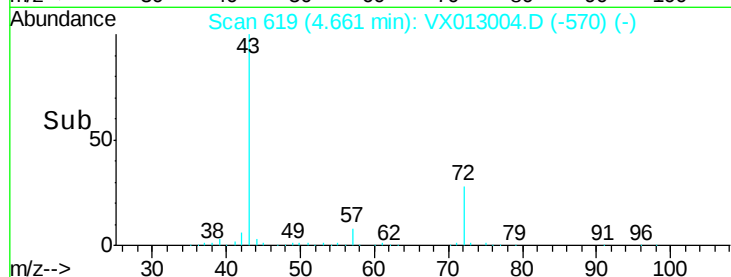
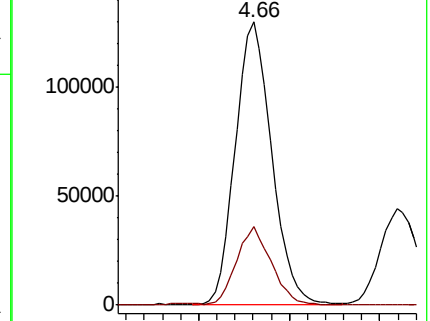
43 100

72 27.6 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: 44.881 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013004.D

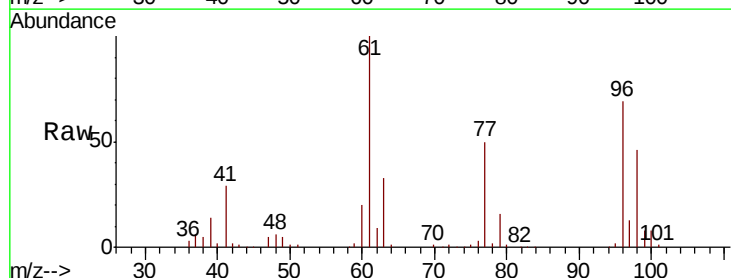
Acq: 10 Oct 2019 18:26

Tgt Ion: 77 Resp: 115911

Ion Ratio Lower Upper

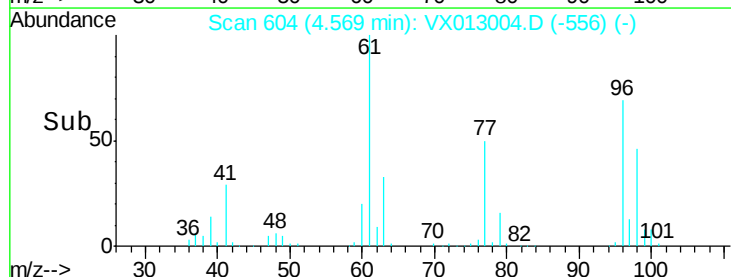
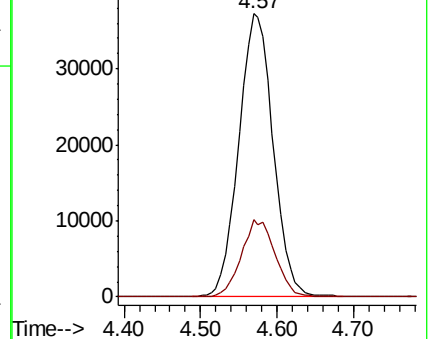
77 100

97 26.9 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



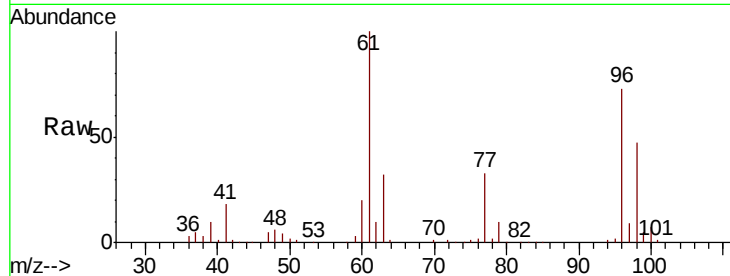


#27

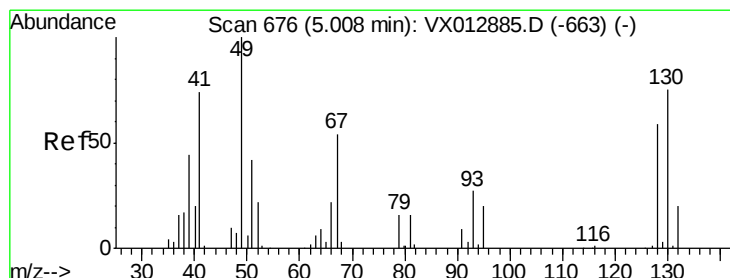
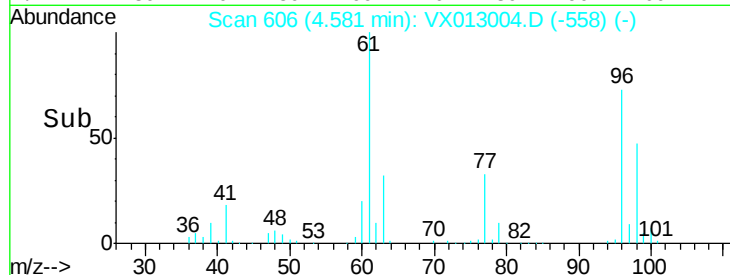
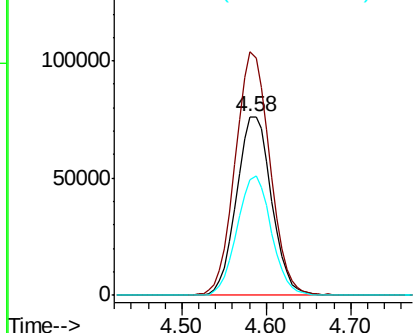
cis-1,2-Dichloroethene
 Concen: 108.446 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Instrument :
 MSVOA_X
 ClientSampled :
 S49-0555MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	290.6
98	65.4	0.0	128.8



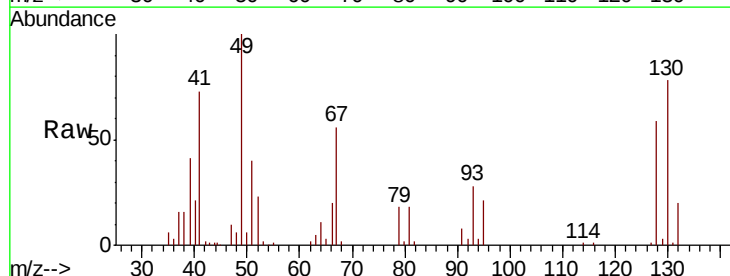
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



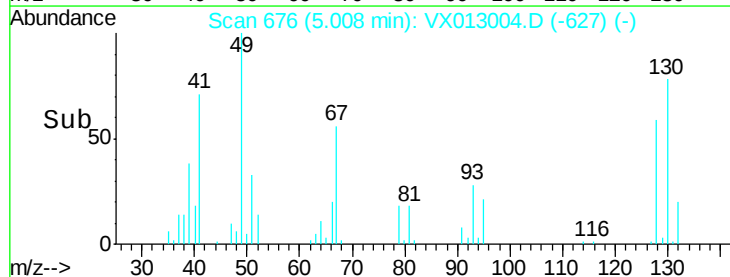
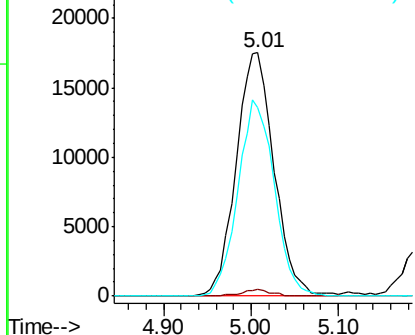
#28

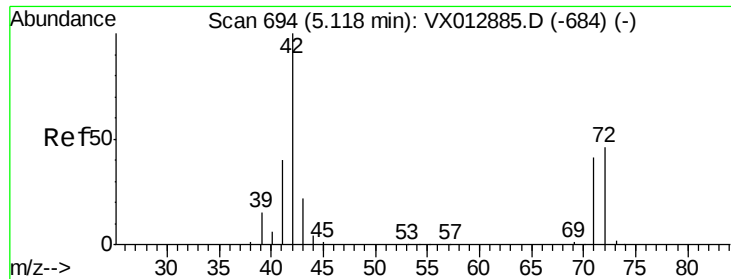
Bromochloromethane
 Concen: 57.505 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.6	62.1	93.1



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

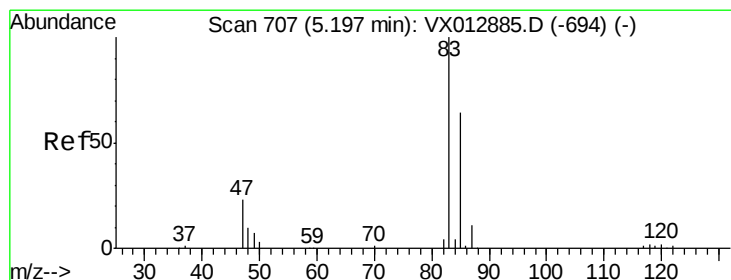
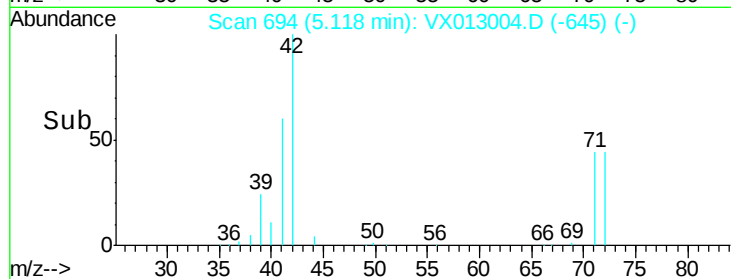
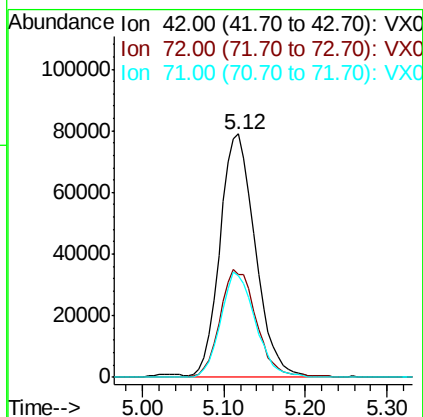
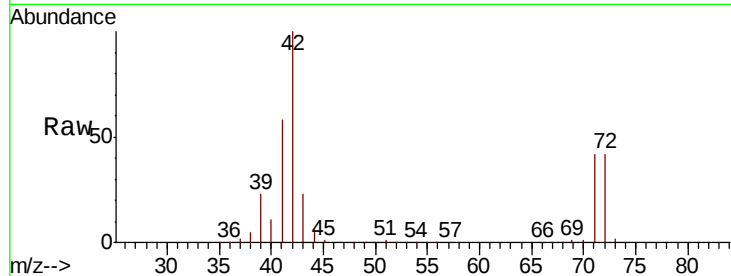




#29
Tetrahydrofuran
Concen: 264.945 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

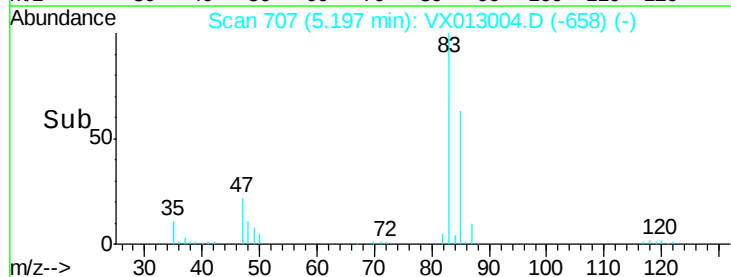
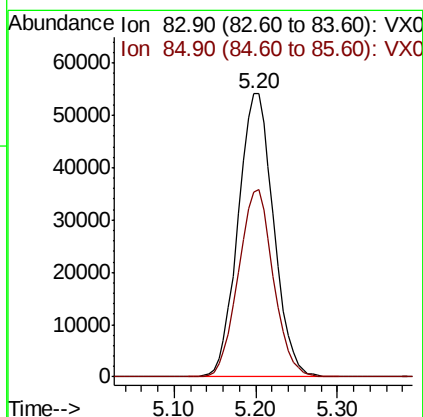
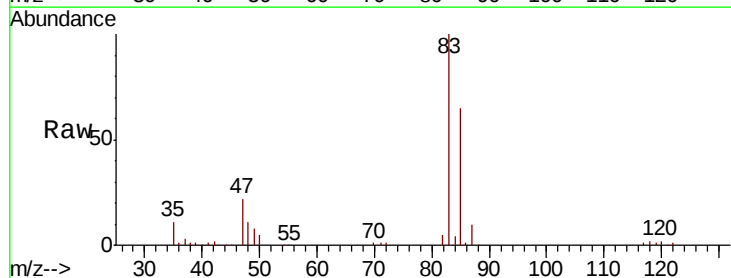
Instrument :
MSVOA_X
ClientSampled :
S49-0555MS

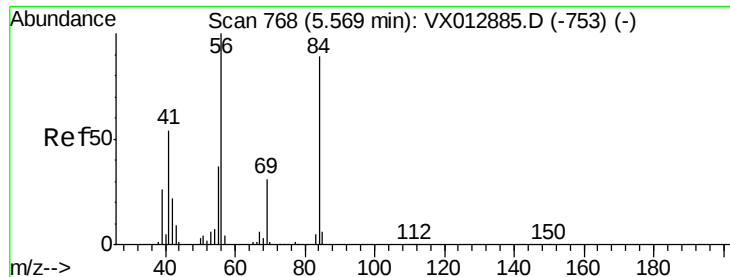
Tot Ion: 42 Resp: 235910
Ion Ratio Lower Upper
42 100
72 45.9 36.9 55.3
71 42.6 33.5 50.3



#30
Chloroform
Concen: 51.973 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion: 83 Resp: 163786
Ion Ratio Lower Upper
83 100
85 65.4 51.5 77.3

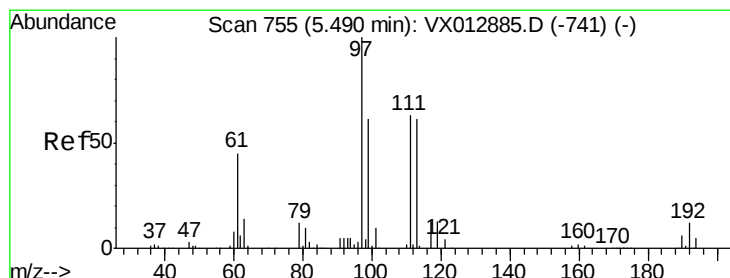
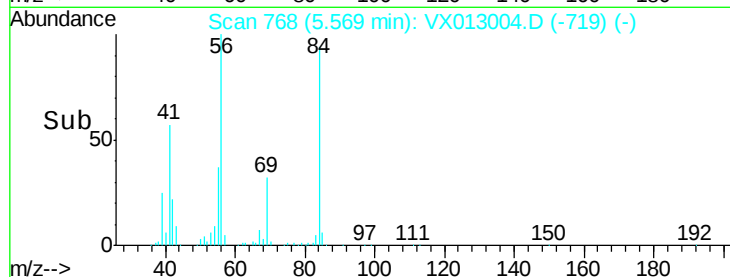
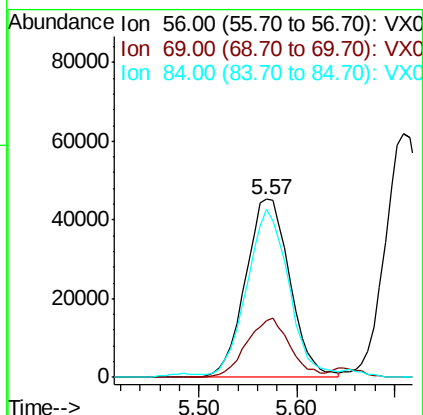
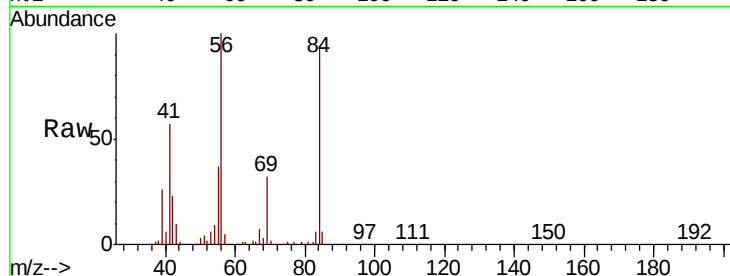




#31
Cyclohexane
Concen: 49.894 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

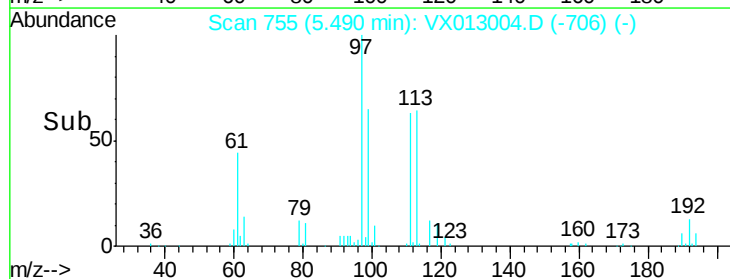
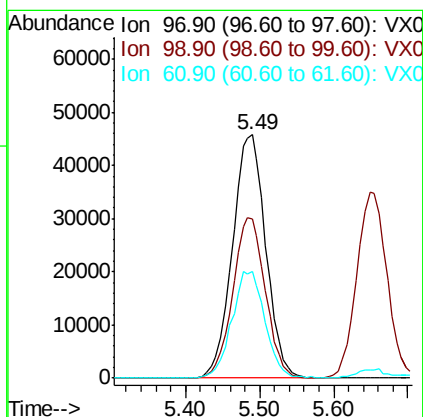
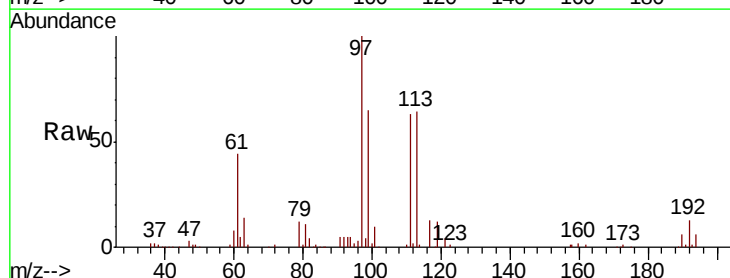
Instrument :
MSVOA_X
ClientSampleId :
S49-0555MS

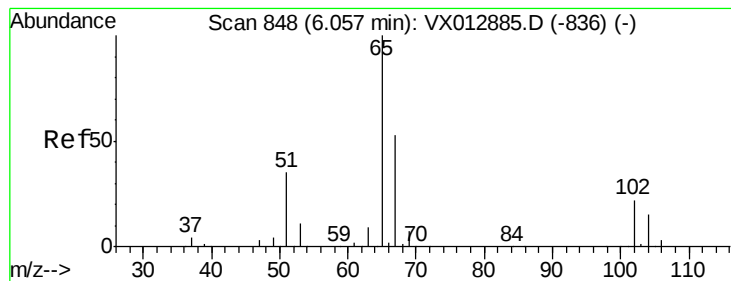
Tot Ion: 56 Resp: 143288
Ion Ratio Lower Upper
56 100
69 32.2 25.2 37.8
84 92.8 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 53.579 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion: 97 Resp: 143066
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 43.9 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 53.081 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

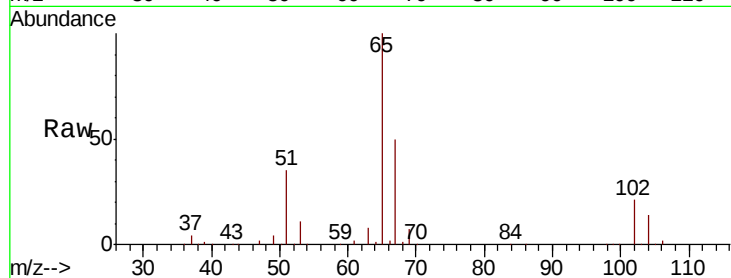
S49-0555MS

Tot Ion: 65 Resp: 105030

Ion Ratio Lower Upper

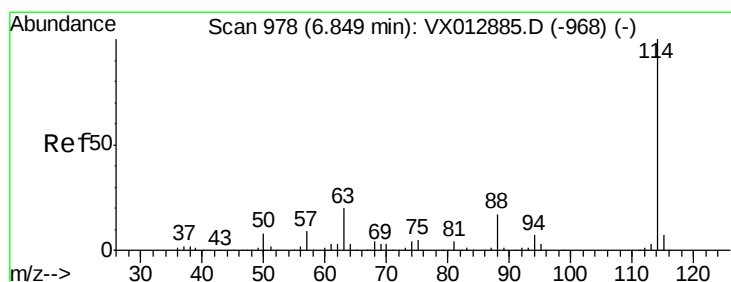
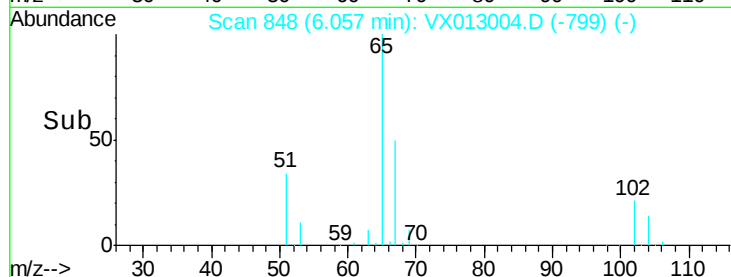
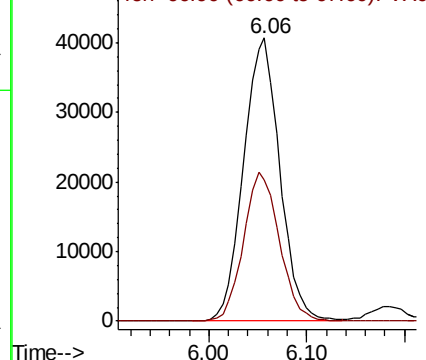
65 100

67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

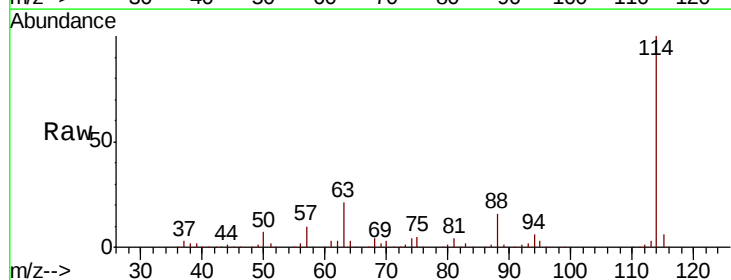
Tgt Ion: 114 Resp: 268865

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

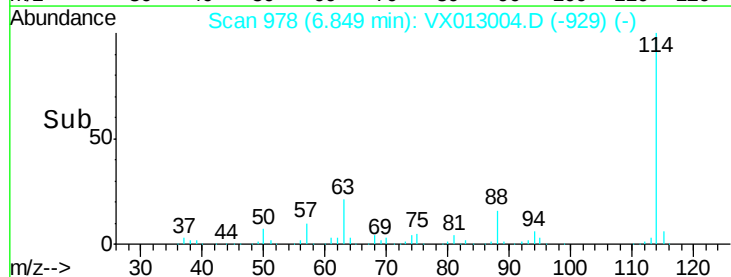
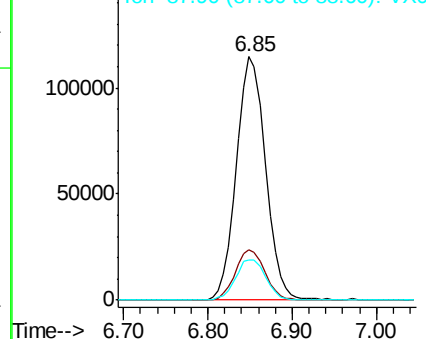
88 16.5 0.0 33.8

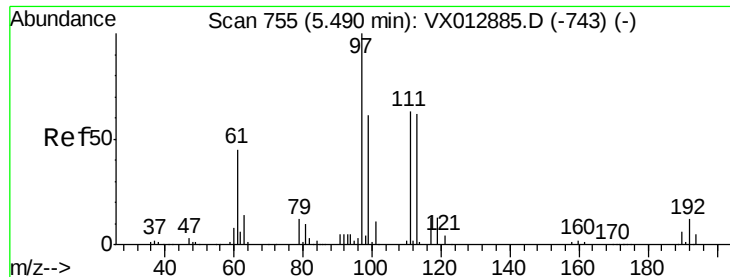


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

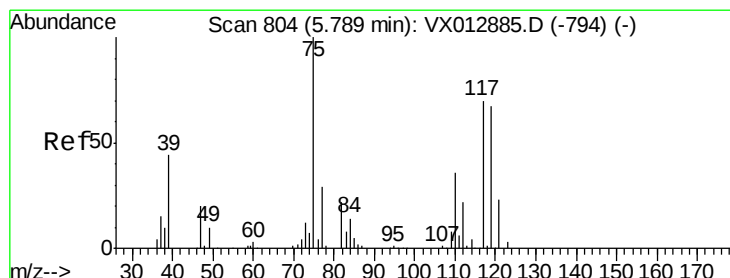
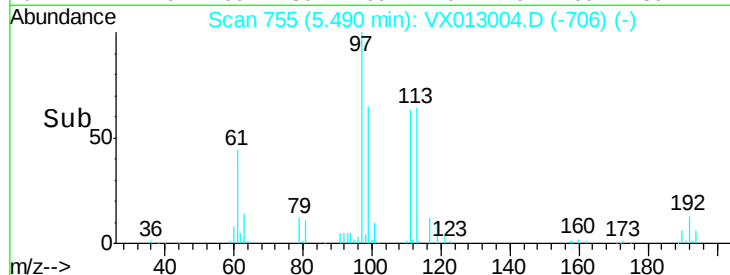
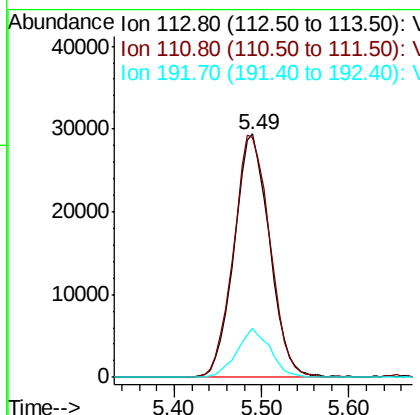
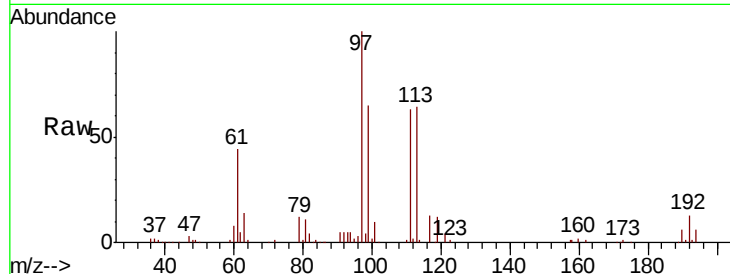




#35
 Dibromofluoromethane
 Concen: 53.483 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

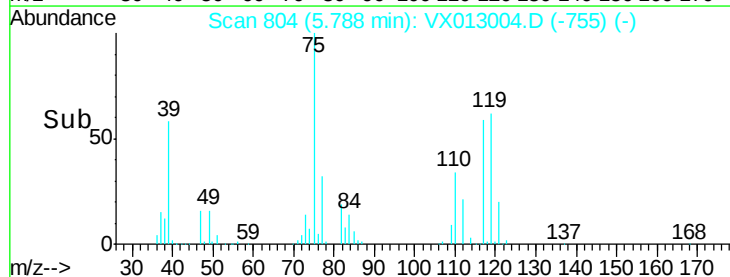
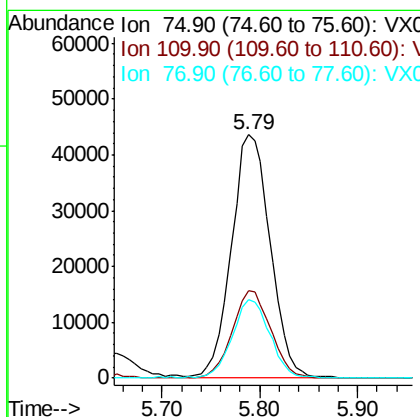
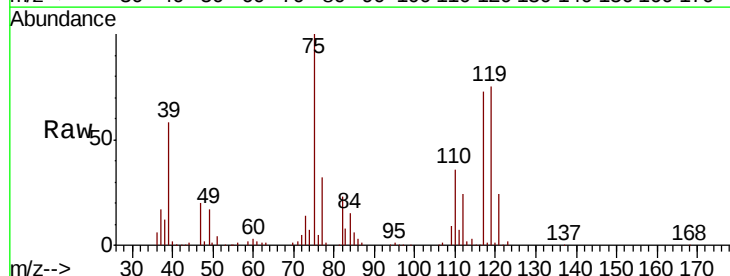
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MS

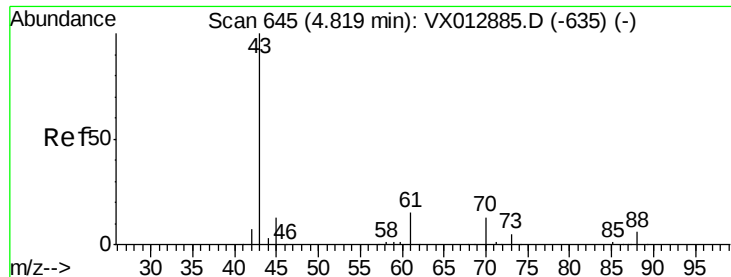
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.2	124.8
192	19.1	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 50.511 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.6	52.9
77	31.3	24.4	36.6

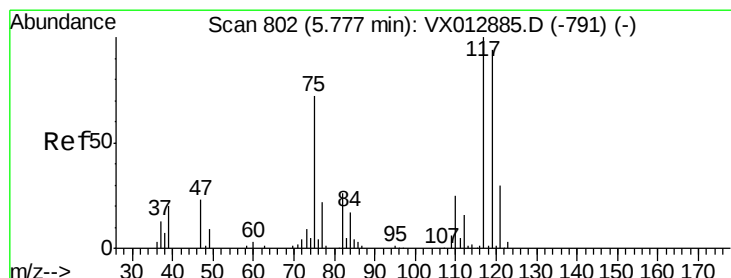
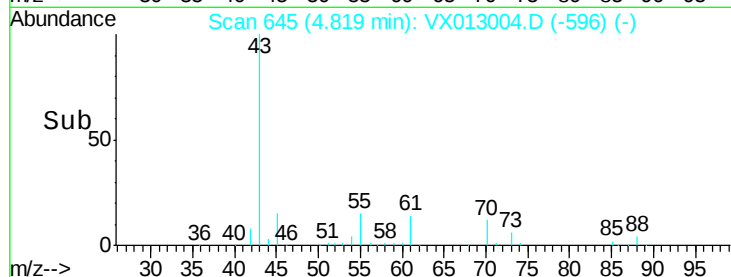
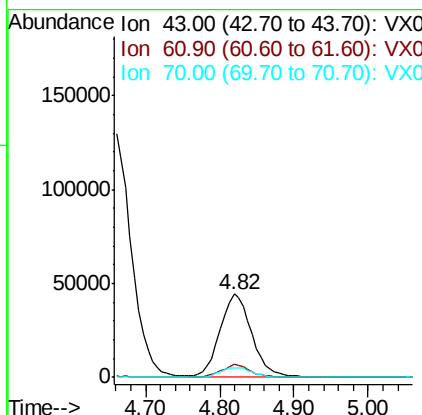
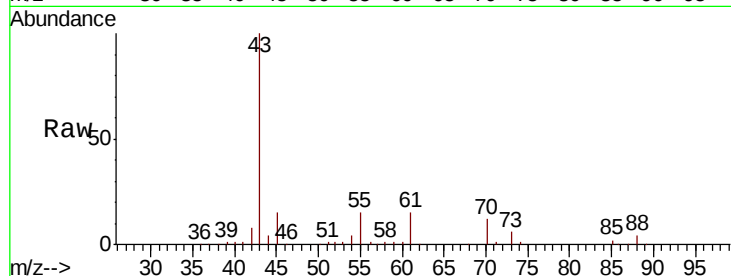




#37
Ethyl Acetate
Concen: 49.759 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

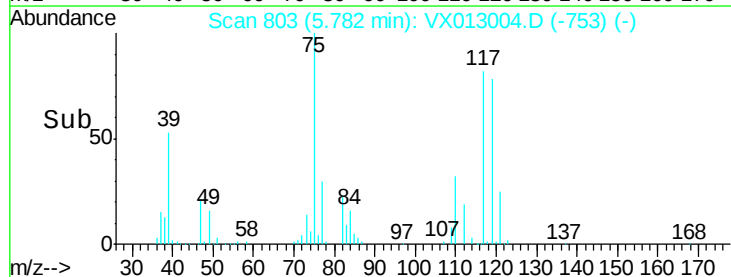
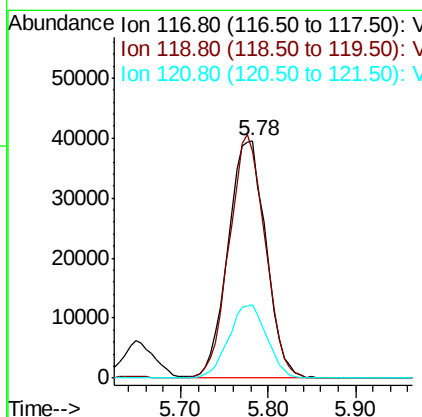
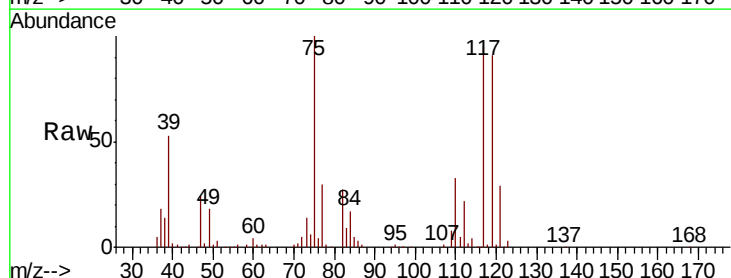
Instrument :
MSVOA_X
ClientSampleId :
S49-0555MS

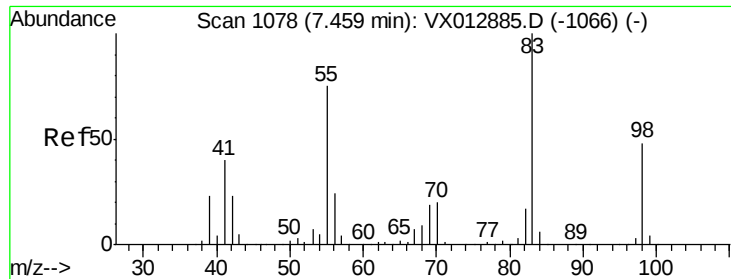
Tot Ion: 43 Resp: 131526
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 12.1 9.8 14.6



#38
Carbon Tetrachloride
Concen: 51.818 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion: 117 Resp: 119227
Ion Ratio Lower Upper
117 100
119 95.8 74.5 111.7
121 30.7 24.2 36.4

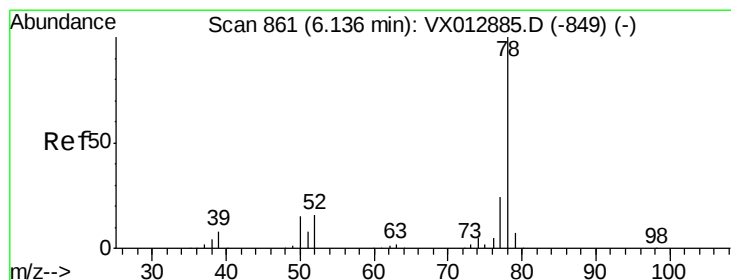
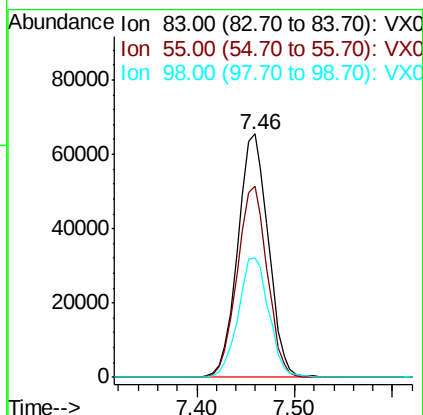
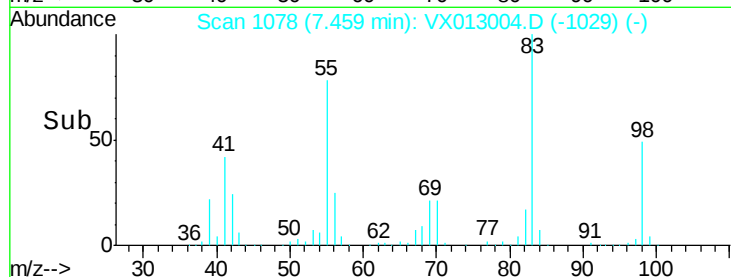
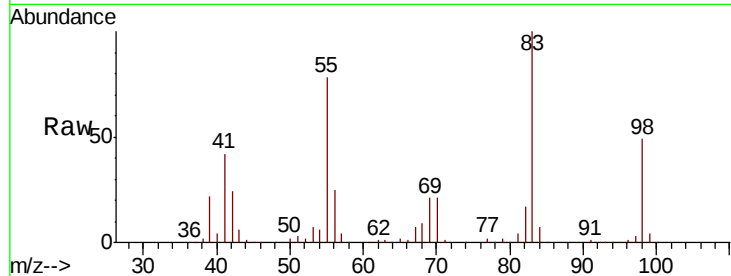




#39
Methvlcvclohexane
Concen: 49.502 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

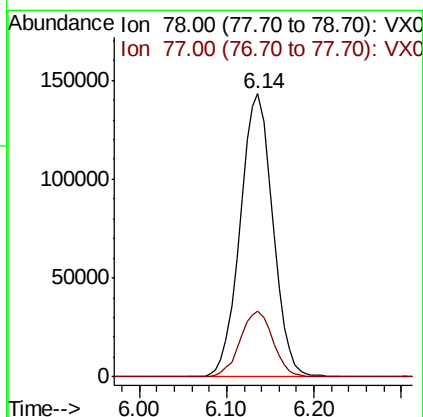
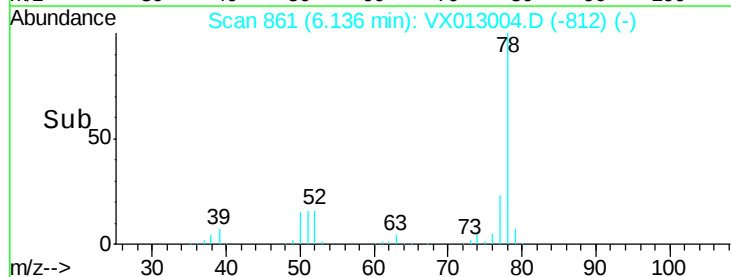
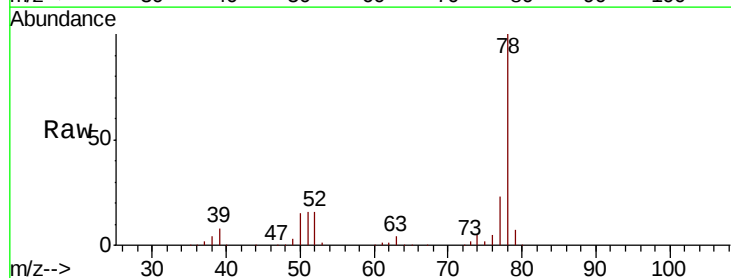
Instrument :
MSVOA_X
ClientSampleId :
S49-0555MS

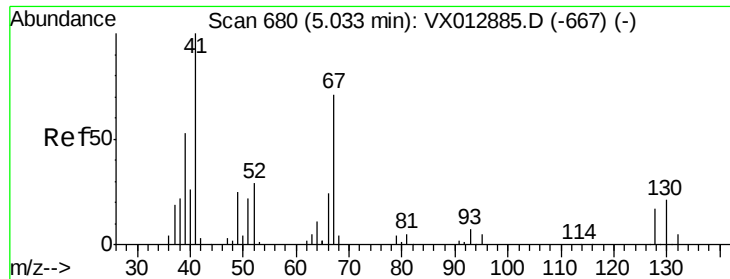
Tot Ion: 83 Resp: 141910
Ion Ratio Lower Upper
83 100
55 78.5 60.2 90.4
98 49.3 38.5 57.7



#40
Benzene
Concen: 53.257 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion: 78 Resp: 371824
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4

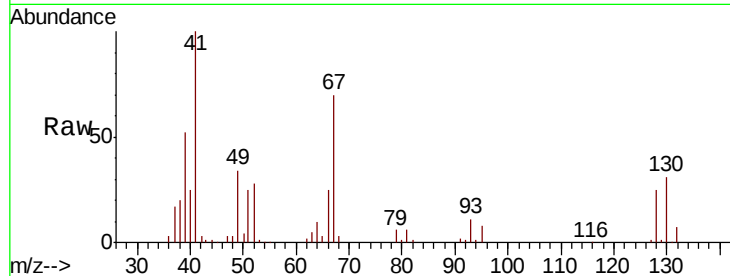




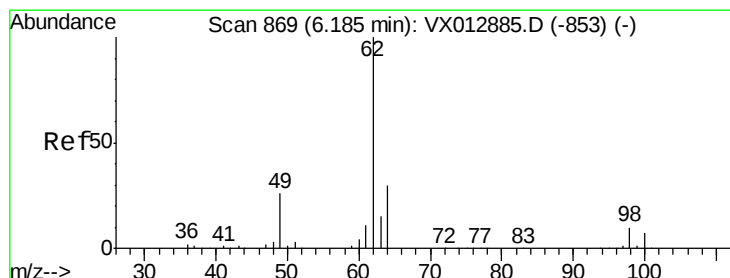
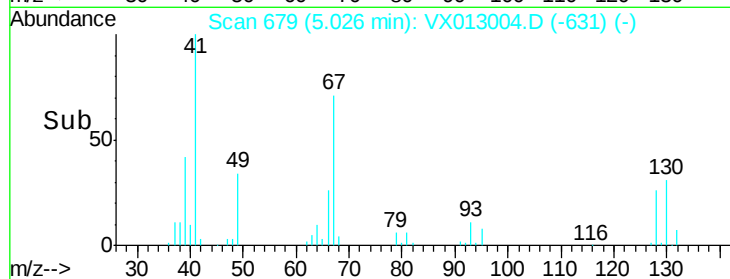
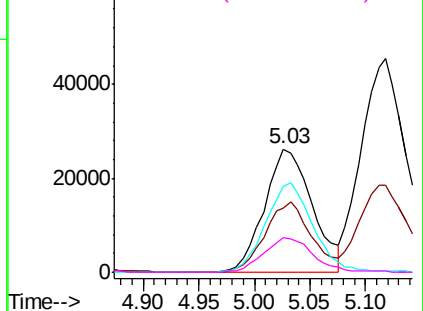
#41
Methacrylonitrile
Concen: 53.941 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Instrument :
MSVOA_X
ClientSampled :
S49-0555MS

Tot Ion:	41	Resp:	78347
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.0	66.0
67	71.9	58.5	87.7
52	29.1	23.8	35.8

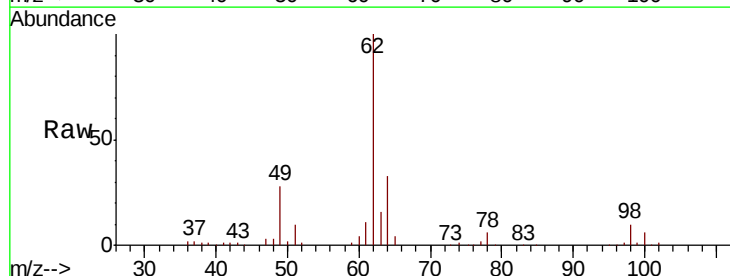


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

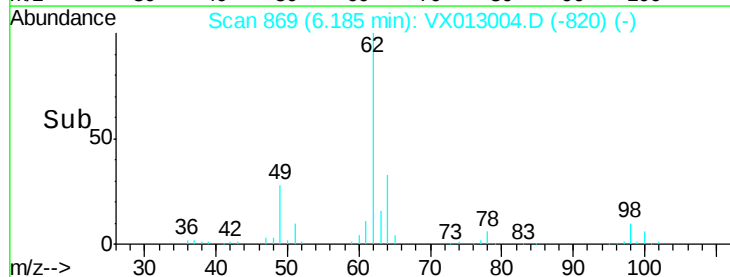
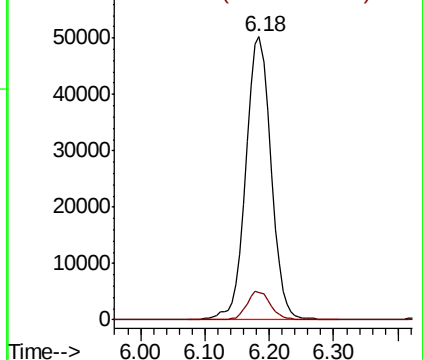


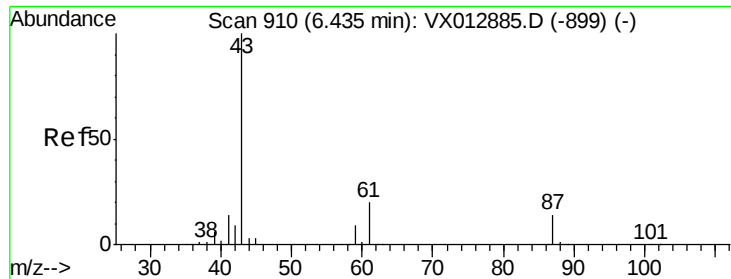
#42
1,2-Dichloroethane
Concen: 53.670 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion:	62	Resp:	134458
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.126 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MS

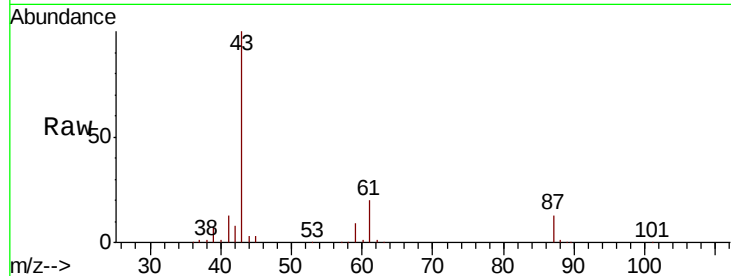
Tot Ion: 43 Resp: 216903

Ion Ratio Lower Upper

43 100

61 20.7 16.6 24.8

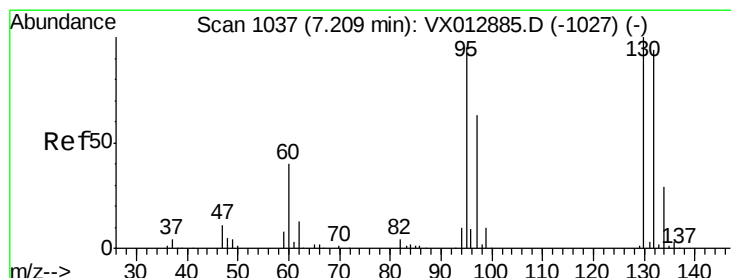
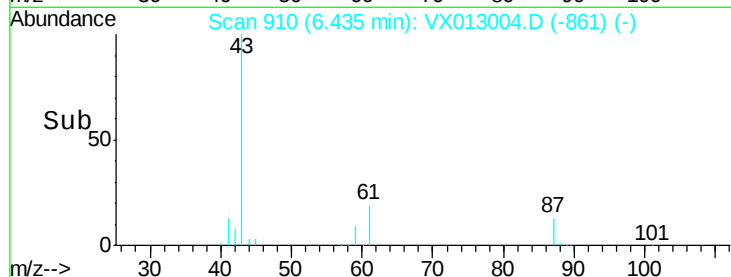
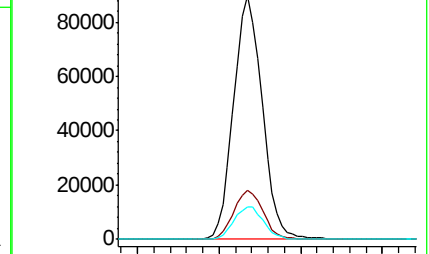
87 13.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX012885.D (-899) (-)

Ion 61.00 (60.70 to 61.70): VX012885.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VX012885.D (-899) (-)



#44

Trichloroethene

Concen: 67.577 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013004.D

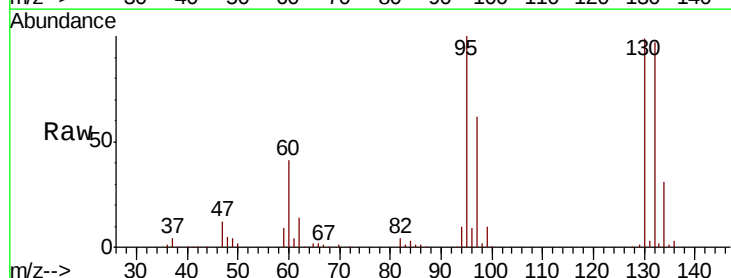
Acq: 10 Oct 2019 18:26

Tgt Ion: 130 Resp: 130832

Ion Ratio Lower Upper

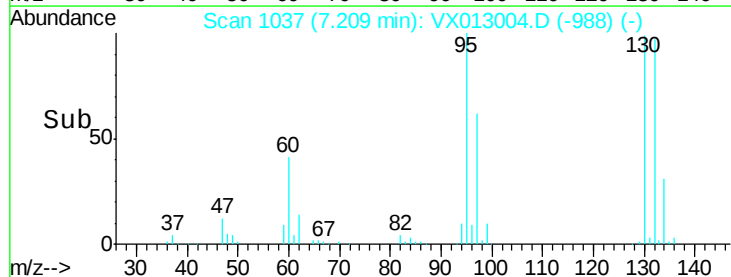
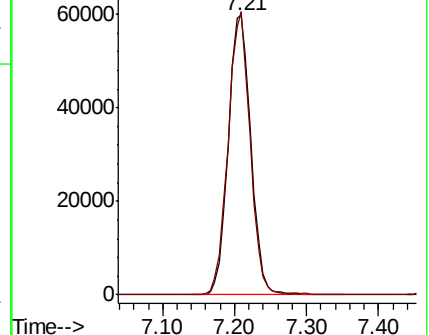
130 100

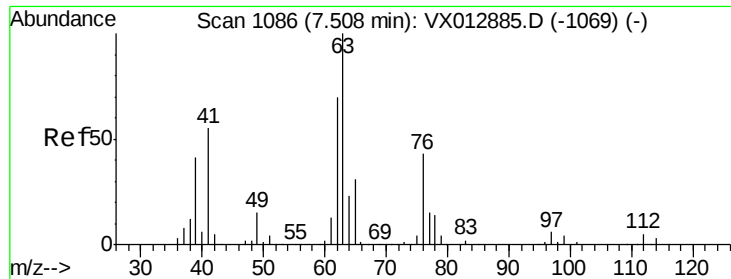
95 101.4 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VX012885.D (-1027) (-)

Ion 94.90 (94.60 to 95.60): VX012885.D (-1027) (-)





#45

1,2-Dichloropropane

Concen: 53.748 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

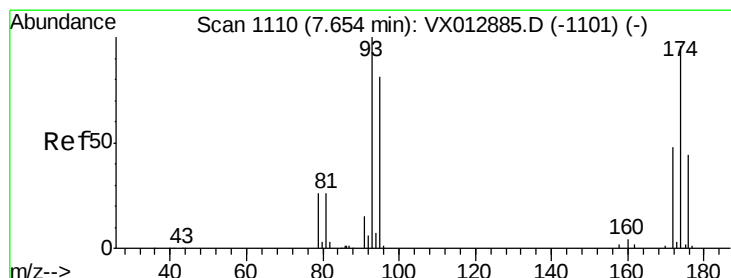
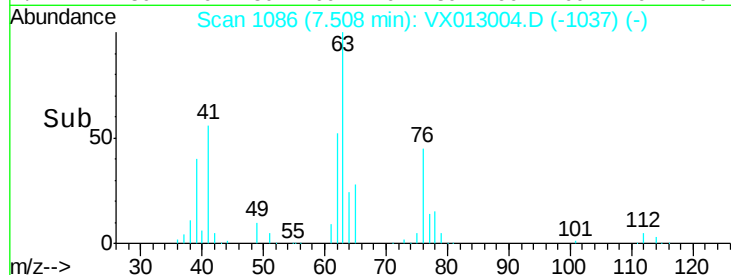
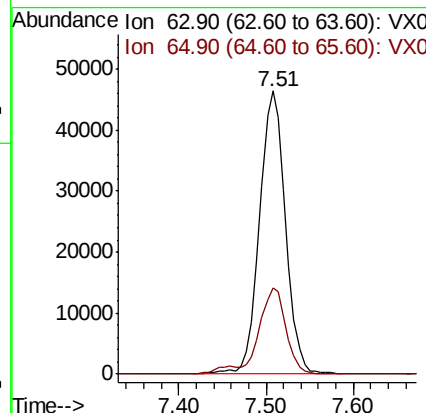
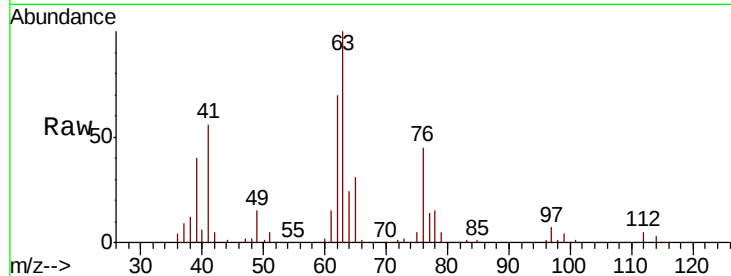
S49-0555MS

Tot Ion: 63 Resp: 95640

Ion Ratio Lower Upper

63 100

65 30.6 24.6 37.0



#46

Dibromomethane

Concen: 54.214 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

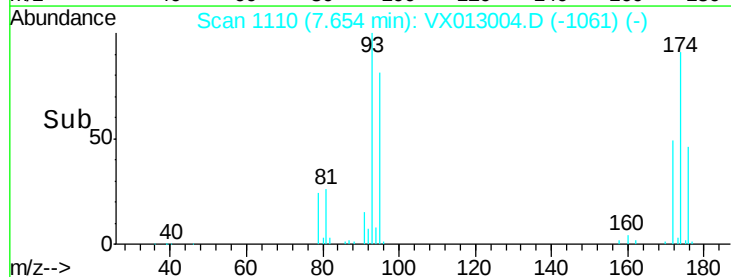
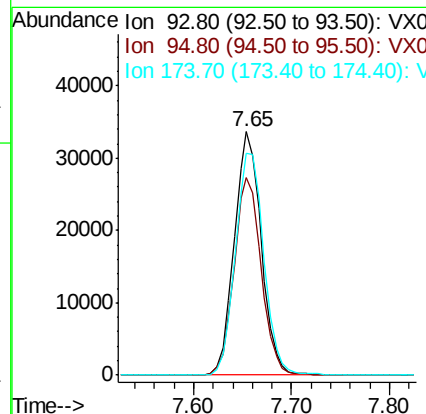
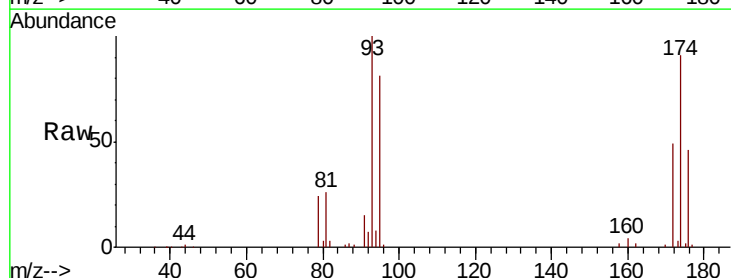
Tgt Ion: 93 Resp: 64273

Ion Ratio Lower Upper

93 100

95 81.7 66.3 99.5

174 96.3 77.8 116.6





#47

Bromodichloromethane

Concen: 54.106 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MS

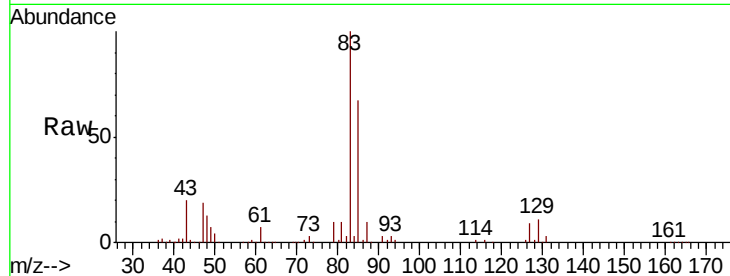
Tot Ion: 83 Resp: 125180

Ion Ratio Lower Upper

83 100

85 66.7 52.4 78.6

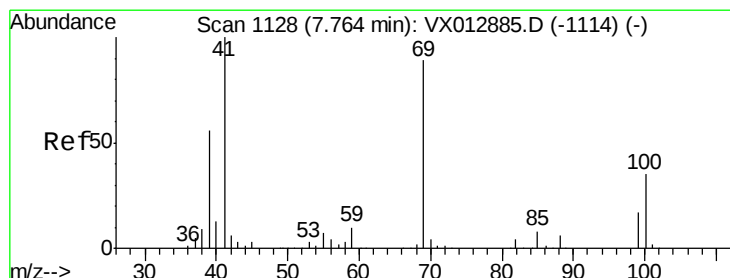
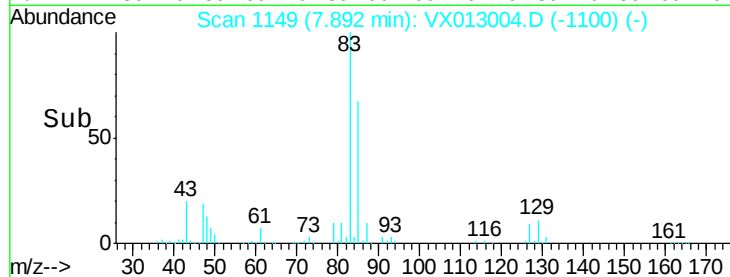
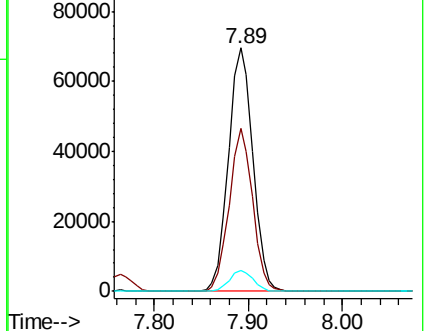
127 8.6 6.6 10.0



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: 52.714 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

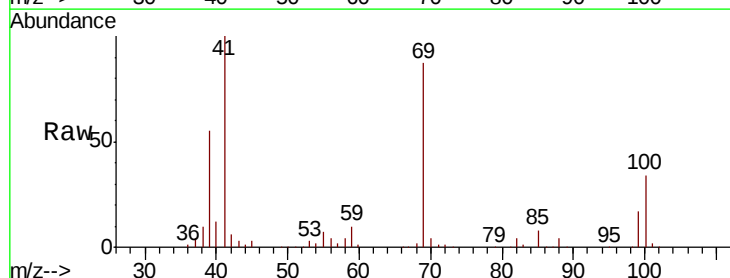
Tgt Ion: 41 Resp: 108983

Ion Ratio Lower Upper

41 100

69 85.5 68.7 103.1

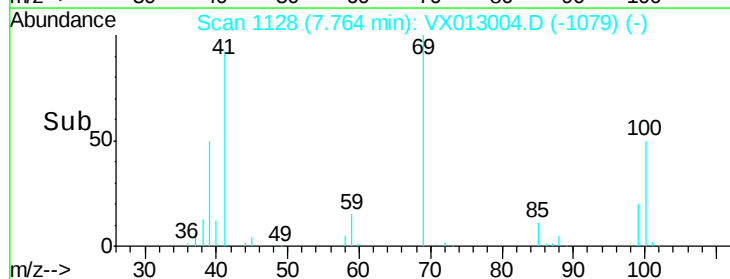
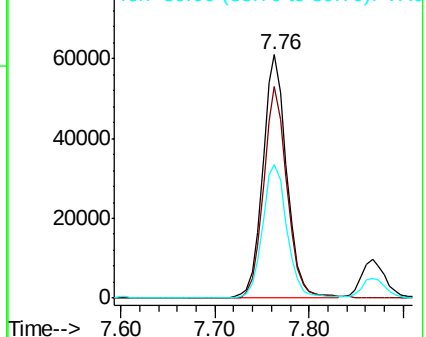
39 56.4 44.3 66.5

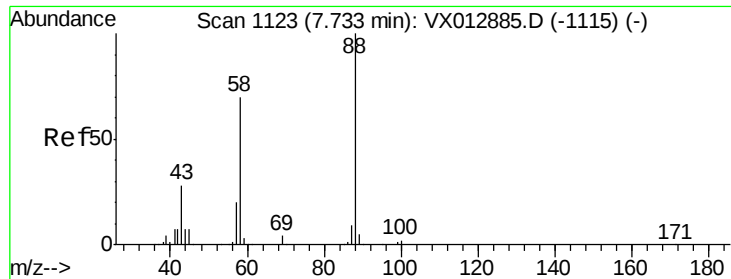


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

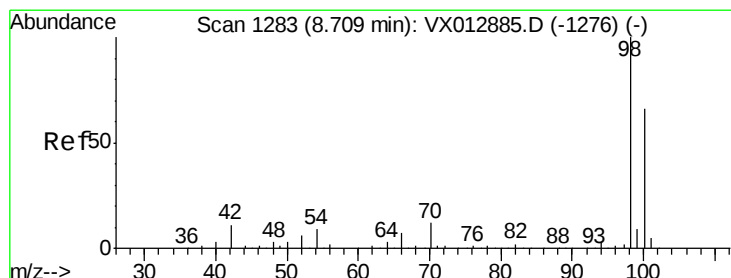
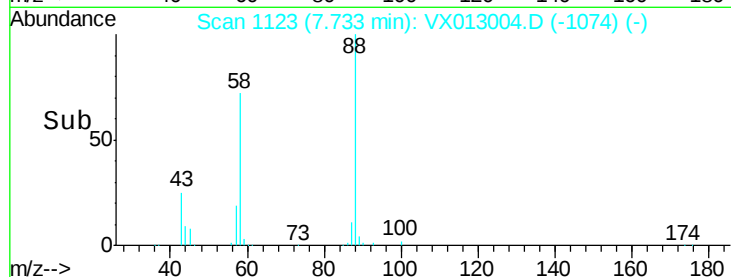
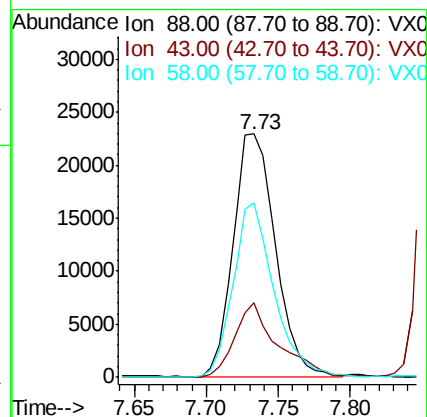
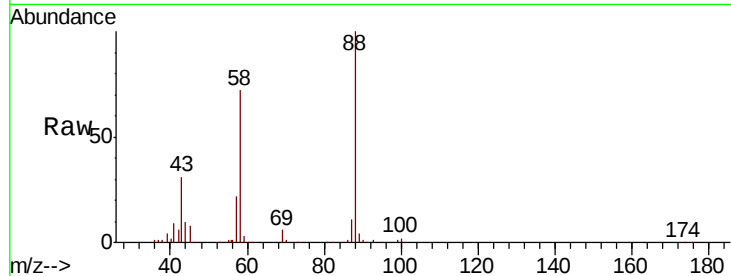




#49
1,4-Dioxane
Concen: 853.270 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

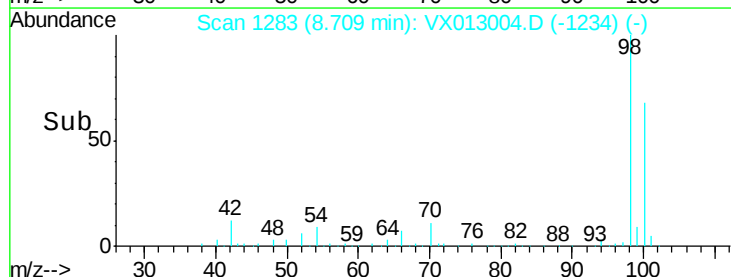
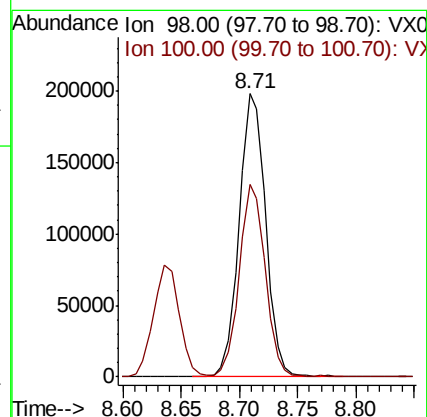
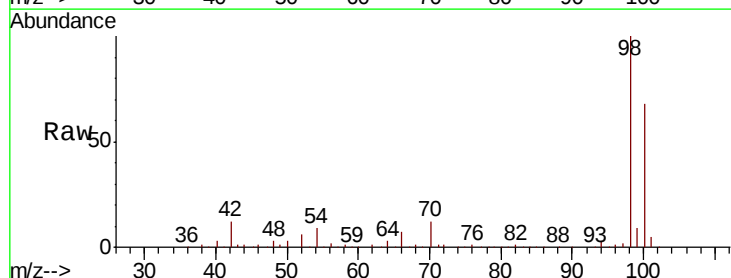
Instrument :
MSVOA_X
ClientSampleId :
S49-0555MS

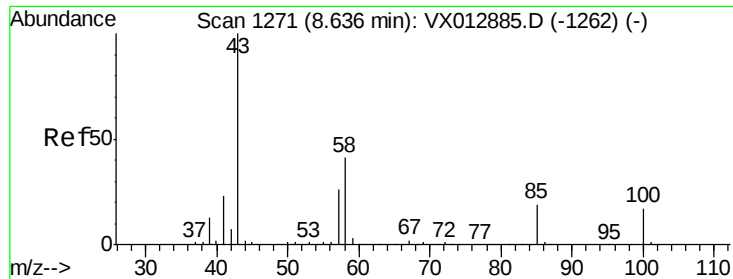
Tot Ion: 88 Resp: 47044
Ion Ratio Lower Upper
88 100
43 31.8 25.0 37.6
58 69.9 55.4 83.2



#50
Toluene-d8
Concen: 52.220 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion: 98 Resp: 314290
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 267.349 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

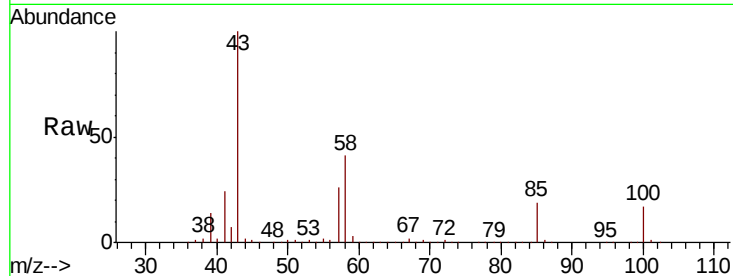
S49-0555MS

Tot Ion: 43 Resp: 707170

Ion Ratio Lower Upper

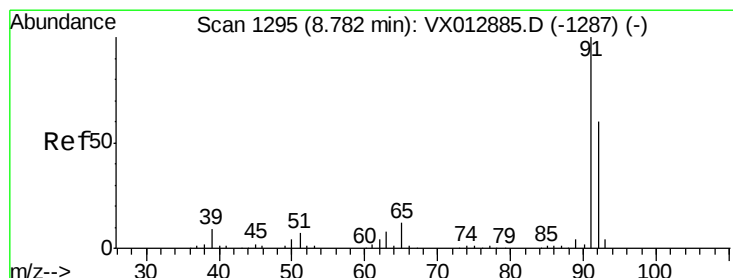
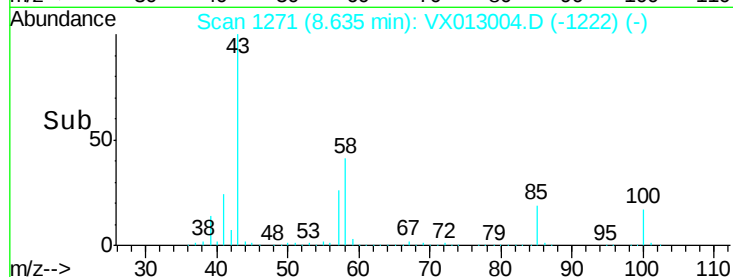
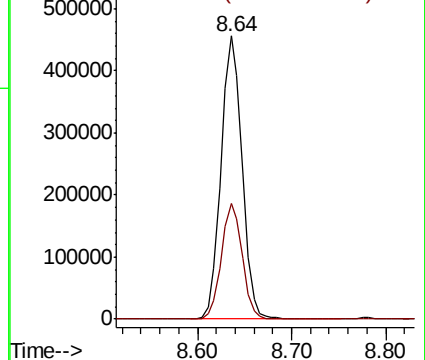
43 100

58 40.4 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.881 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013004.D

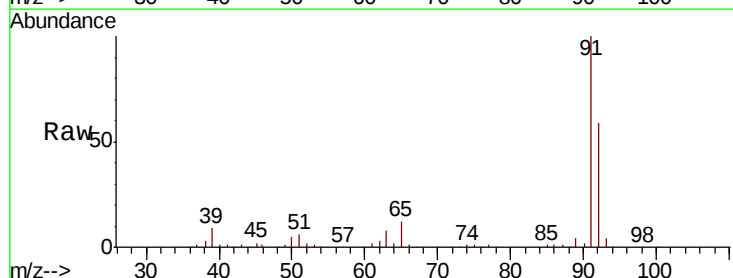
Acq: 10 Oct 2019 18:26

Tgt Ion: 92 Resp: 231734

Ion Ratio Lower Upper

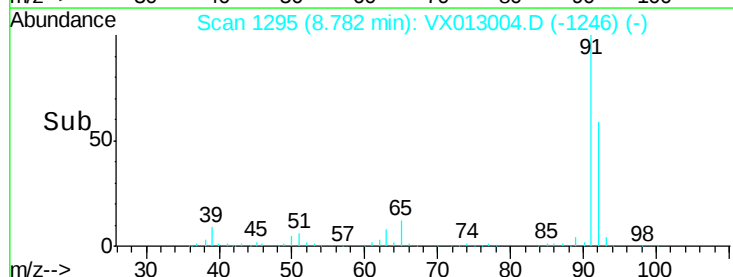
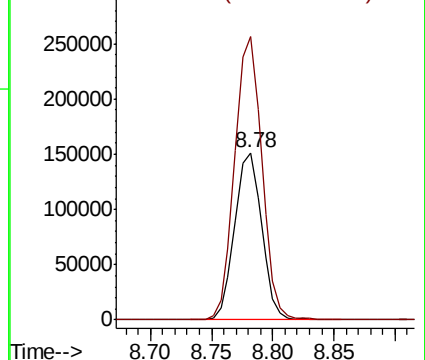
92 100

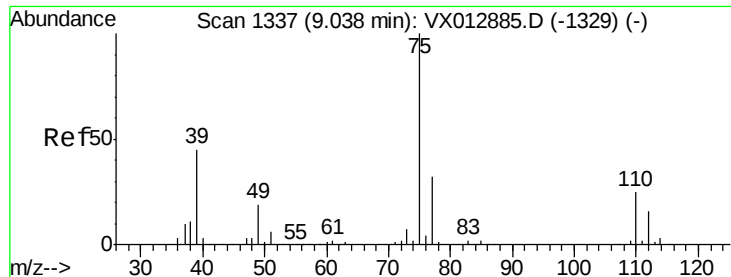
91 171.0 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

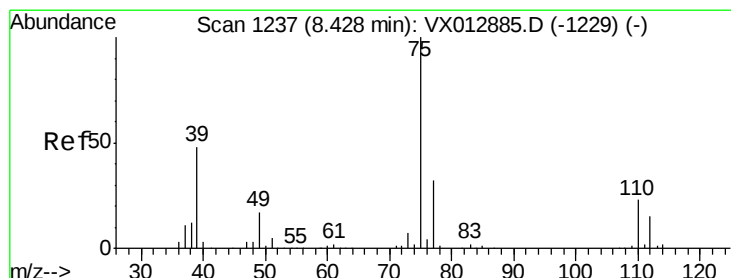
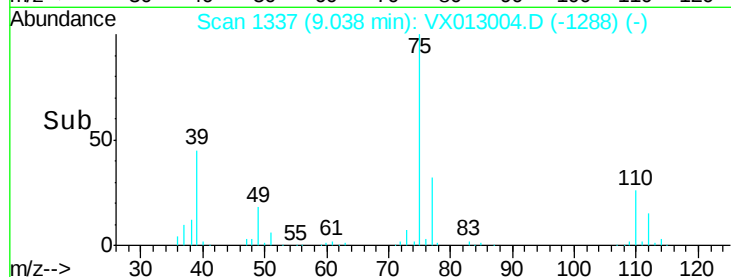
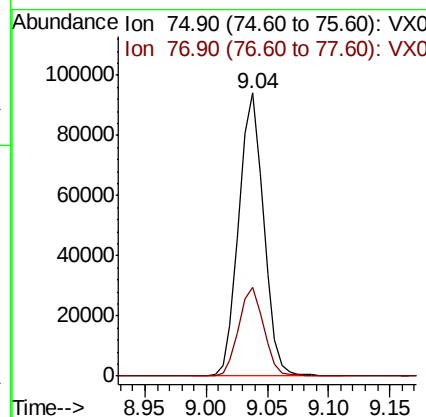
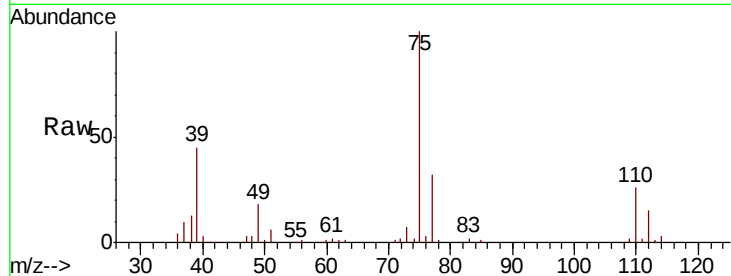




#53
 t-1,3-Dichloropropene
 Concen: 45.914 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

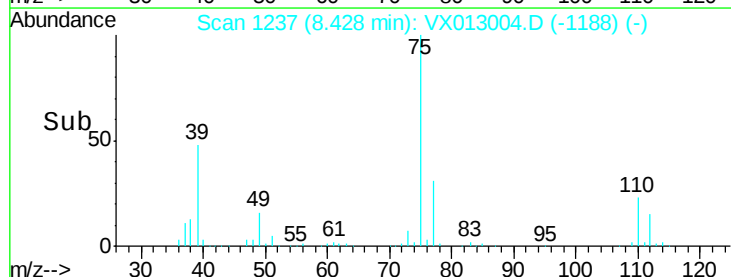
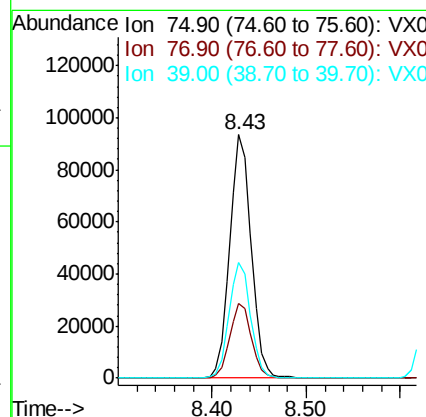
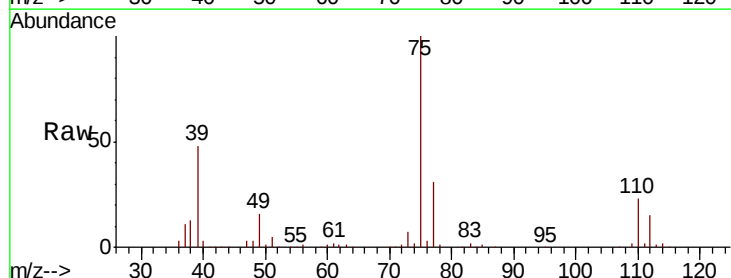
Instrument :
 MSVOA_X
 ClientSampleID :
 S49-0555MS

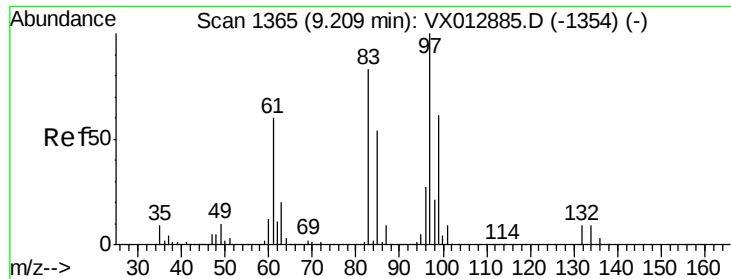
Tot Ion: 75 Resp: 132033
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.988 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Tgt Ion: 75 Resp: 147934
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.8 38.8
 39 47.6 38.2 57.2

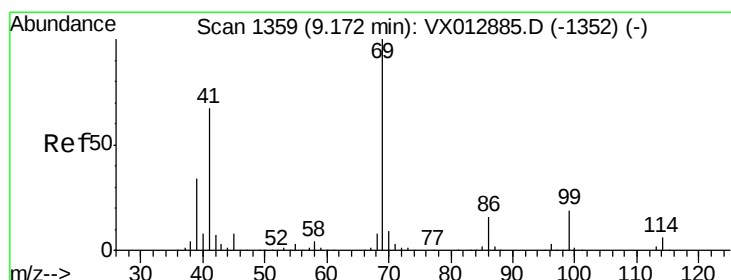
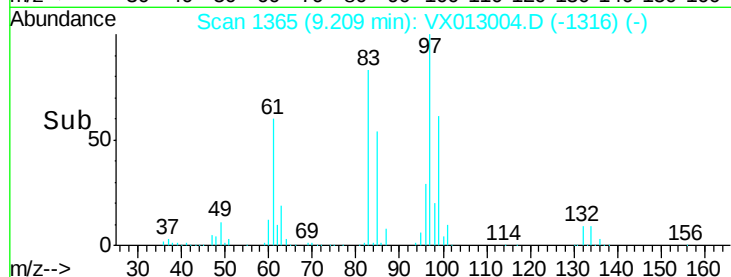
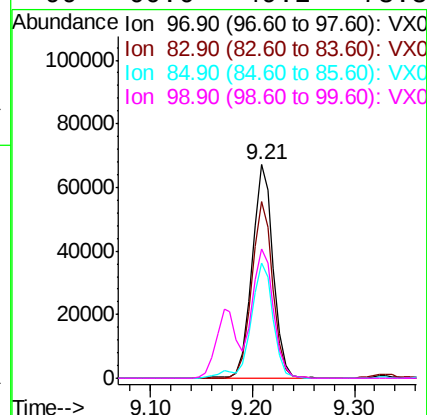
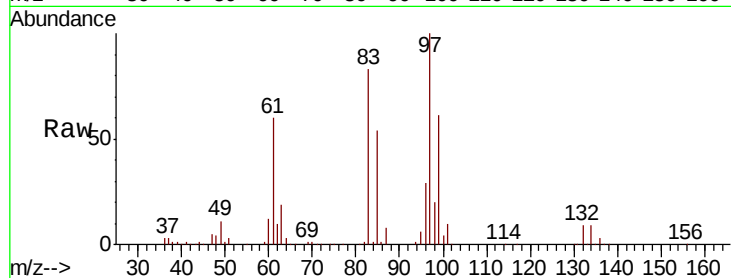




#55
 1,1,2-Trichloroethane
 Concen: 54.764 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

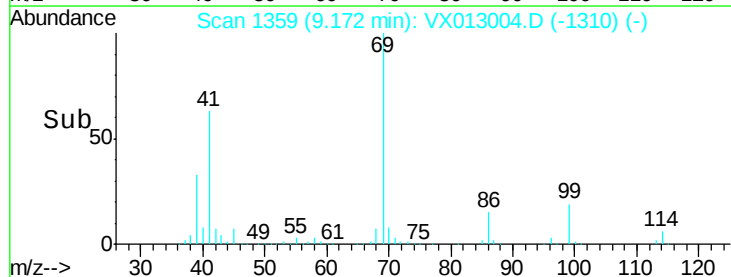
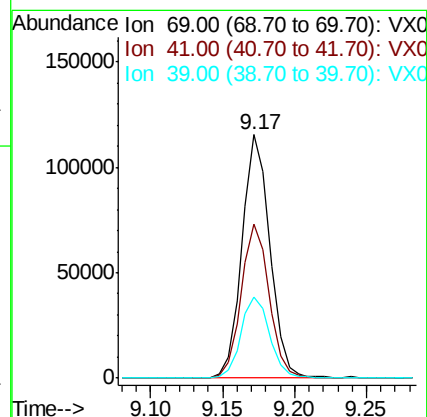
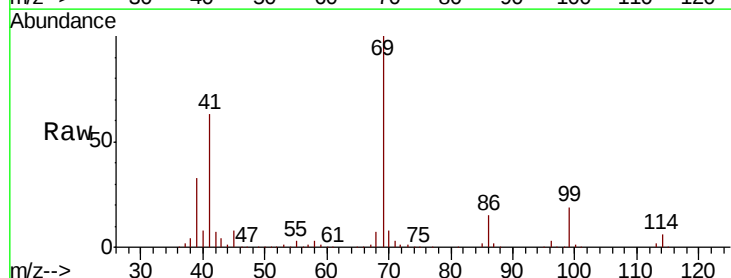
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MS

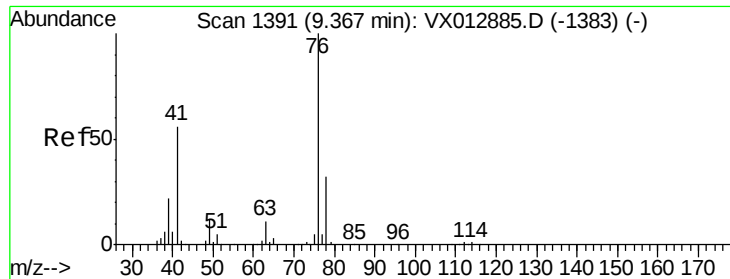
Tot Ion: 97 Resp: 96803
 Ion Ratio Lower Upper
 97 100
 83 82.5 66.5 99.7
 85 53.7 43.1 64.7
 99 60.6 49.2 73.8



#56
 Ethyl methacrylate
 Concen: 49.279 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Tgt Ion: 69 Resp: 155894
 Ion Ratio Lower Upper
 69 100
 41 63.9 52.1 78.1
 39 34.2 27.8 41.8

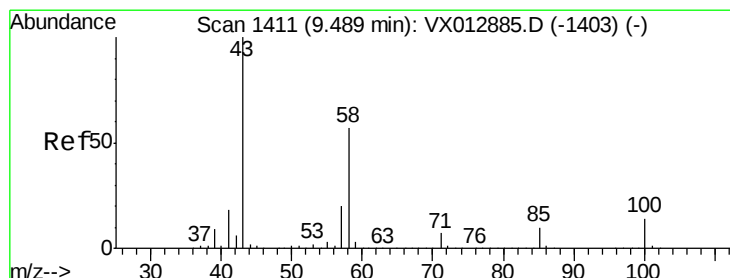
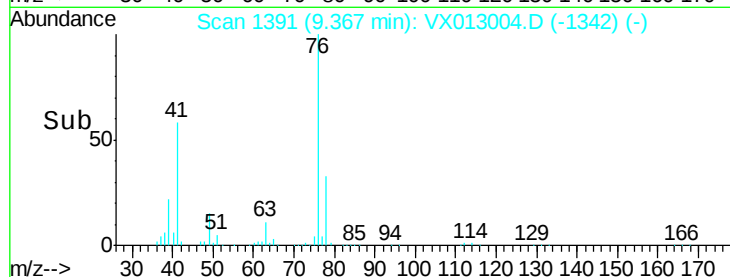
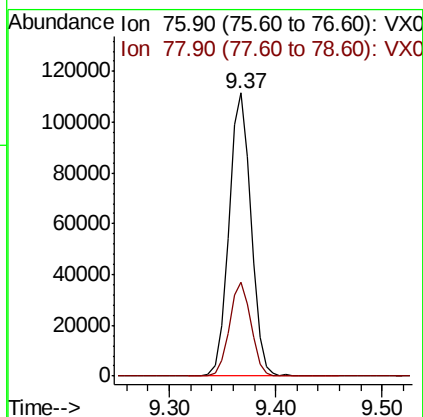
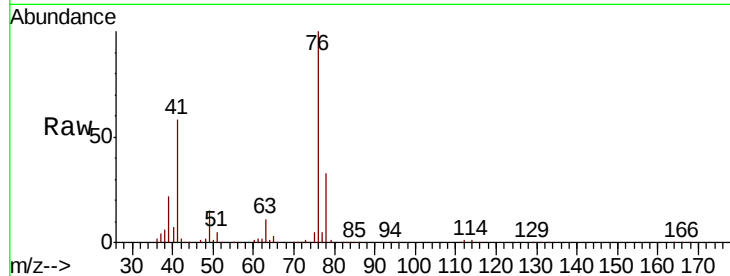




#57
 1,3-Dichloropropane
 Concen: 52.995 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

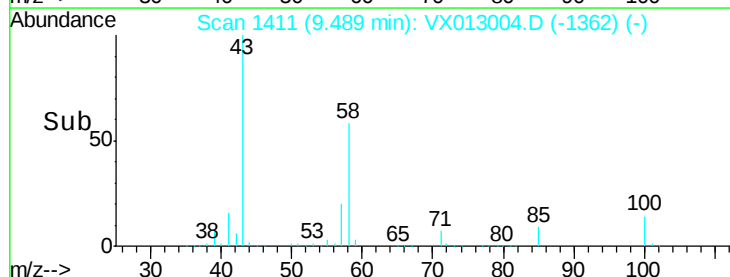
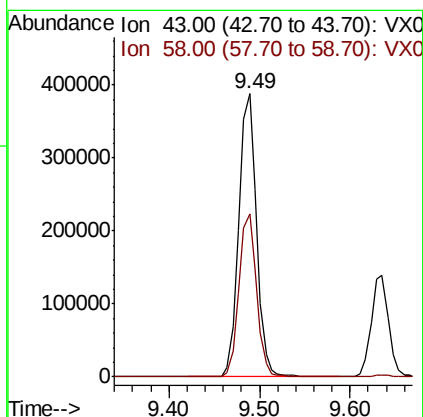
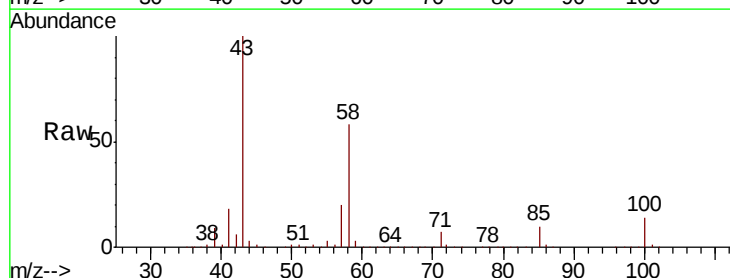
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0555MS

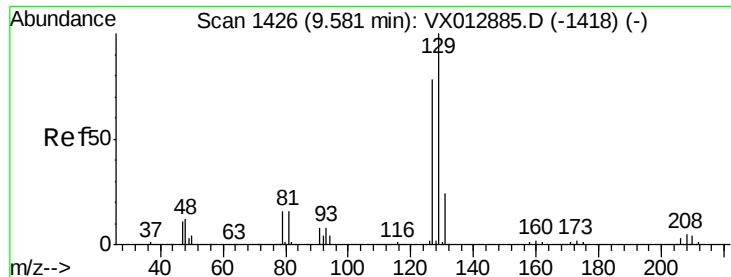
Tot Ion: 76 Resp: 162042
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#59
 2-Hexanone
 Concen: 255.665 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Tgt Ion: 43 Resp: 526429
 Ion Ratio Lower Upper
 43 100
 58 57.3 28.1 84.3

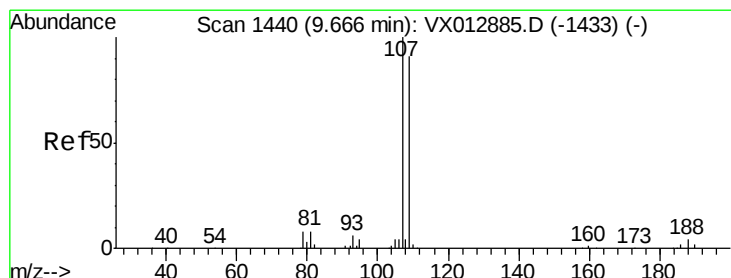
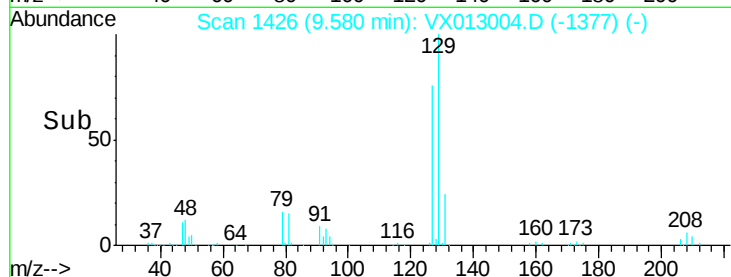
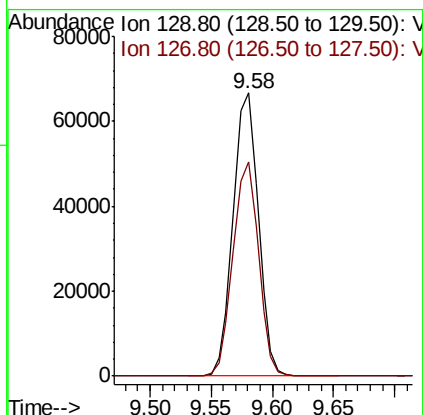
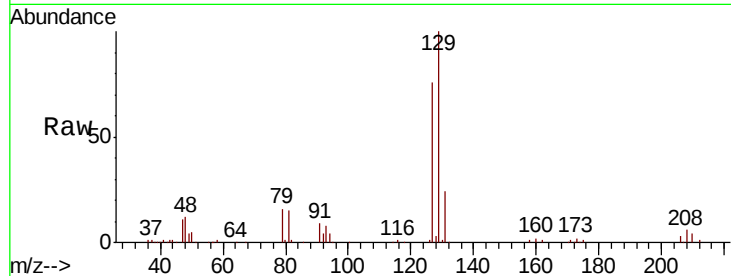




#60
 Dibromochloromethane
 Concen: 48.616 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

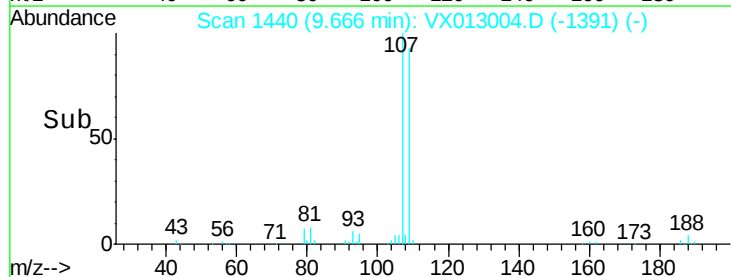
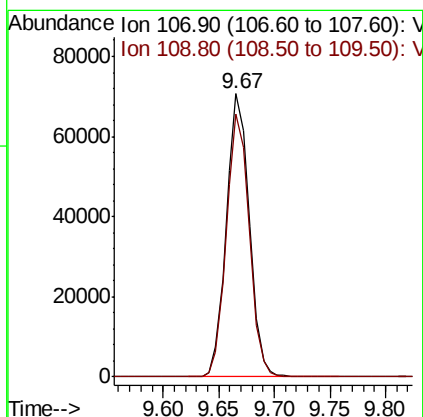
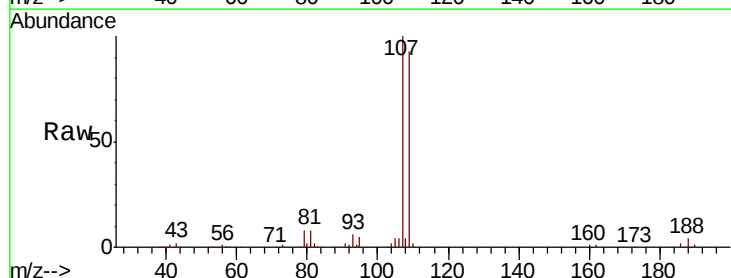
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MS

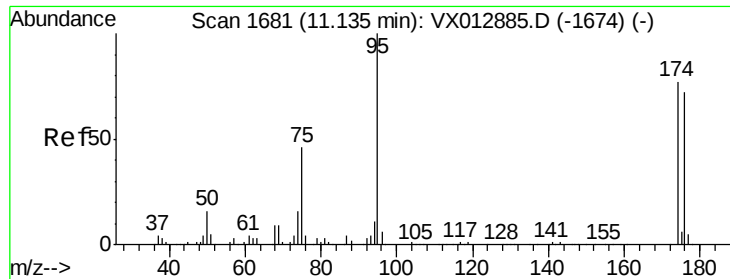
Tot Ion:129 Resp: 95527
 Ion Ratio Lower Upper
 129 100
 127 76.3 38.9 116.7



#61
 1,2-Dibromoethane
 Concen: 54.252 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Tgt Ion:107 Resp: 100879
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 51.965 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MS

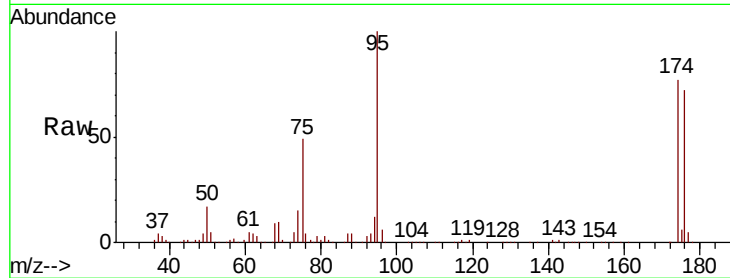
Tot Ion: 95 Resp: 121525

Ion Ratio Lower Upper

95 100

174 71.8 0.0 143.4

176 69.0 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

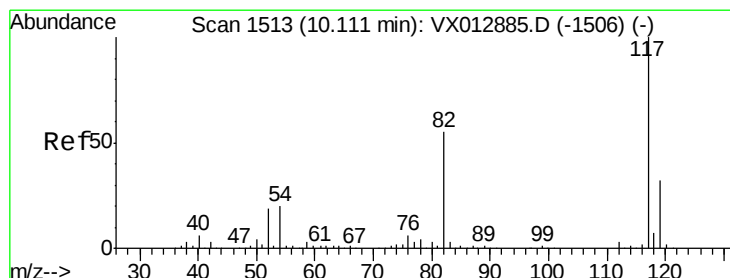
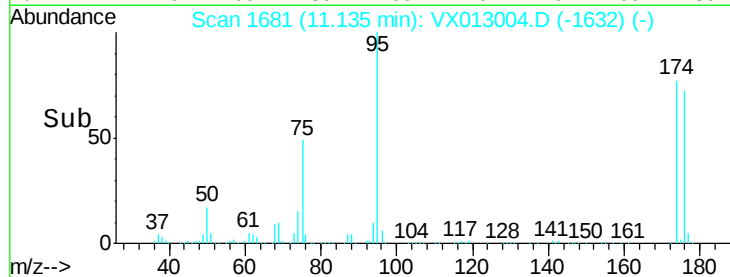
60000

40000

20000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

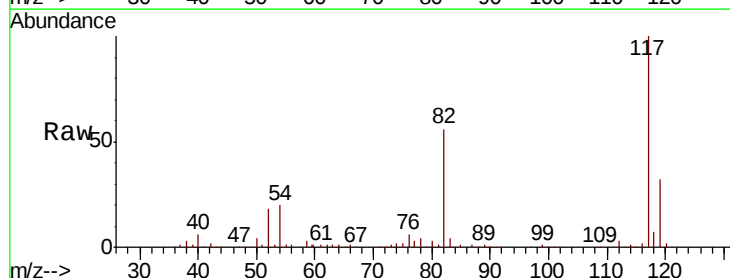
Tgt Ion: 117 Resp: 244172

Ion Ratio Lower Upper

117 100

82 55.7 44.1 66.1

119 32.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

250000

200000

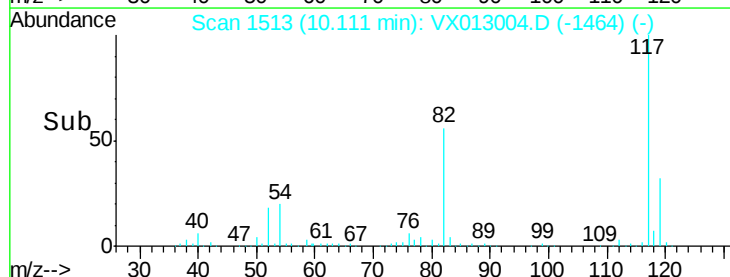
150000

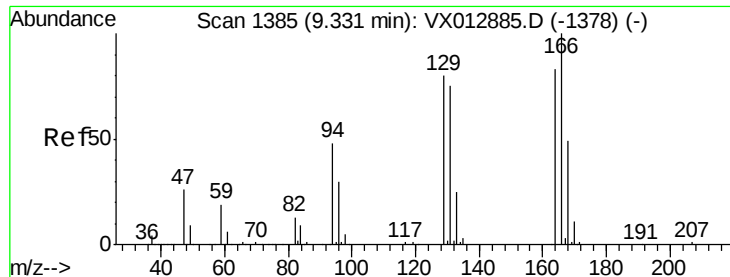
100000

50000

0

Time-->

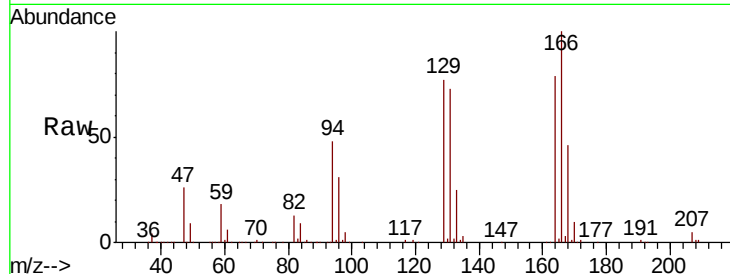




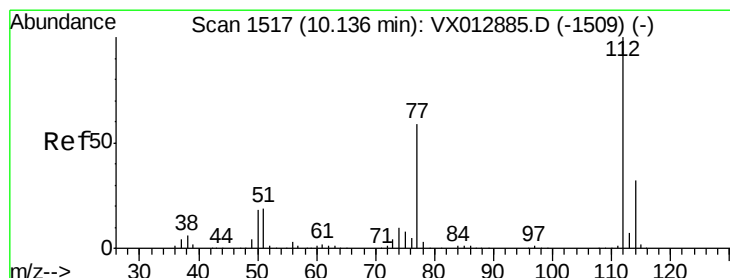
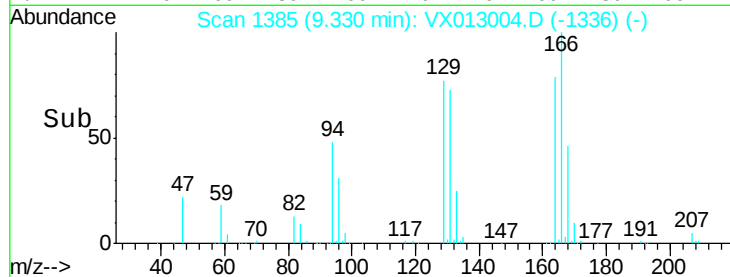
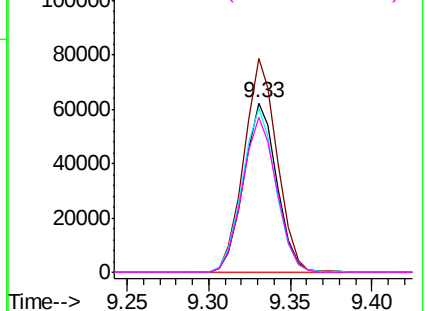
#64
Tetrachloroethene
Concen: 52.009 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0555MS

Tot Ion:164 Resp: 88081
Ion Ratio Lower Upper
164 100
166 126.3 96.9 145.3
129 97.2 77.9 116.9
131 91.9 72.7 109.1

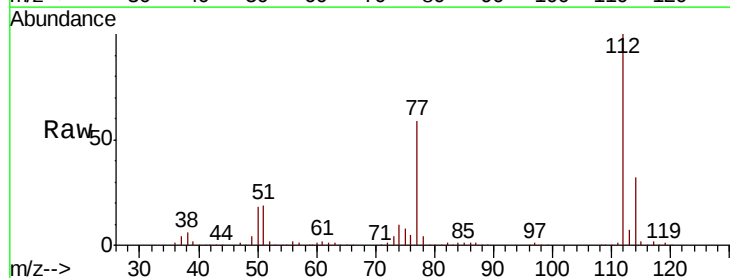


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

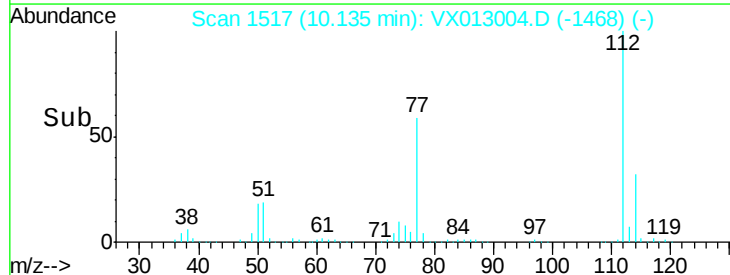
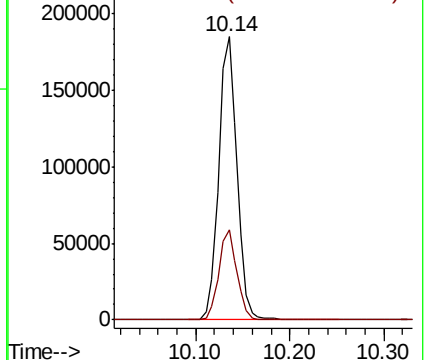


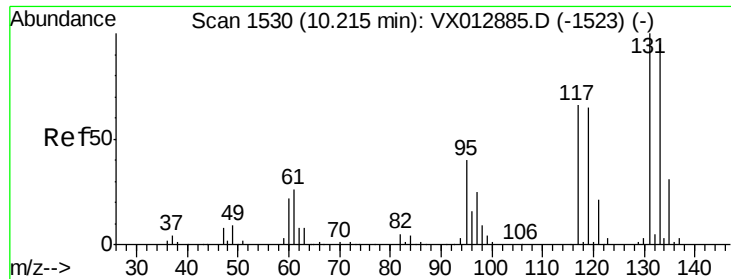
#65
Chlorobenzene
Concen: 51.013 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion:112 Resp: 247356
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.959 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MS

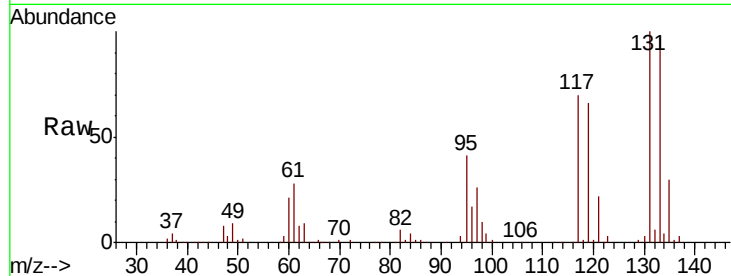
Tot Ion:131 Resp: 90717

Ion Ratio Lower Upper

131 100

133 94.8 47.2 141.6

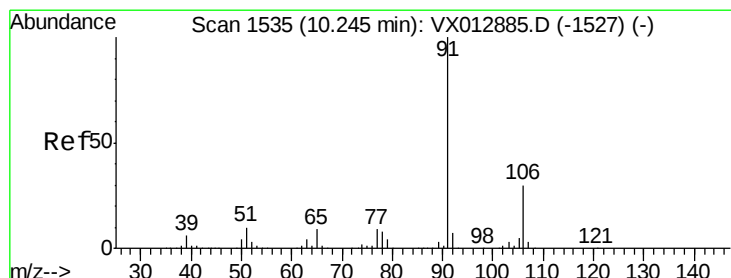
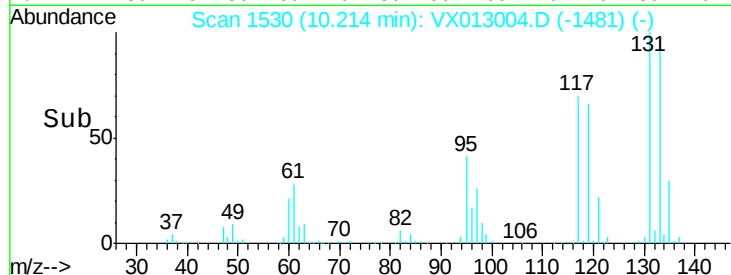
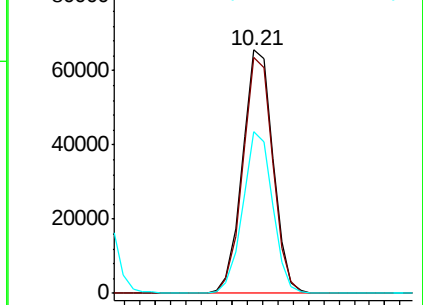
119 64.9 32.6 98.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 51.875 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013004.D

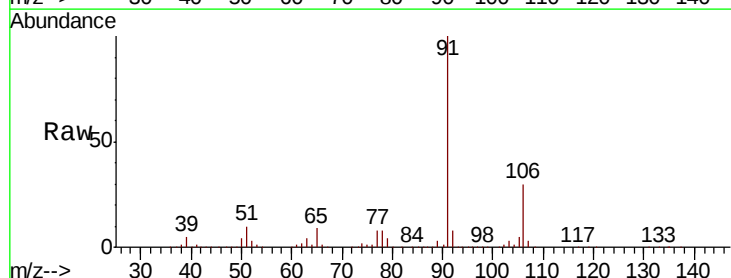
Acq: 10 Oct 2019 18:26

Tgt Ion: 91 Resp: 446803

Ion Ratio Lower Upper

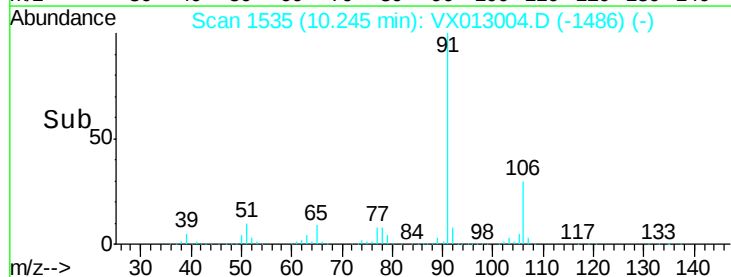
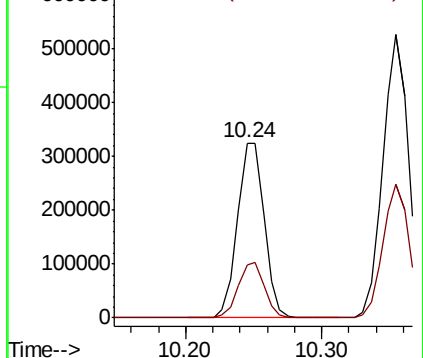
91 100

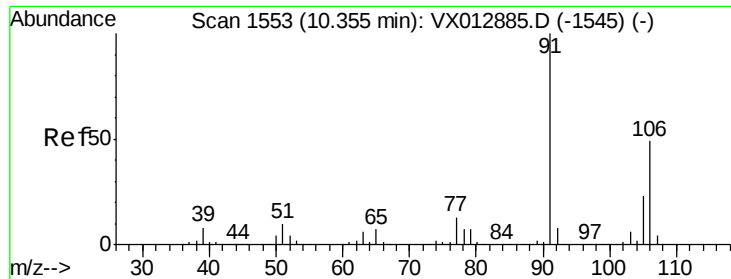
106 30.4 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

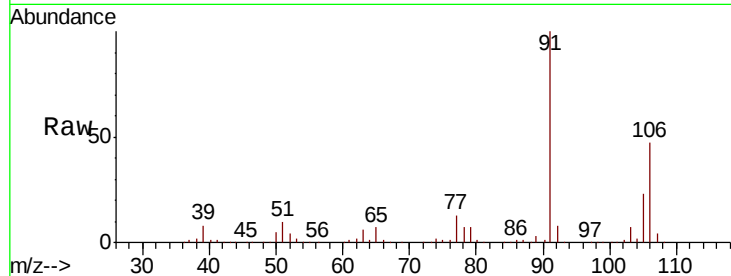




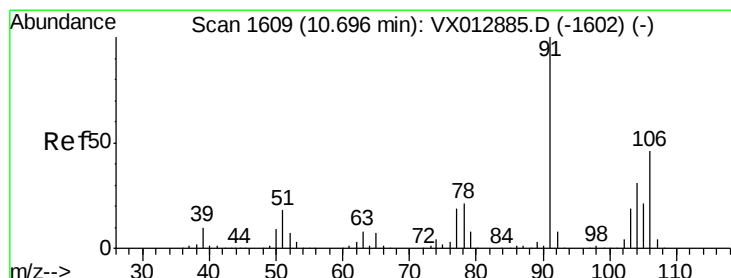
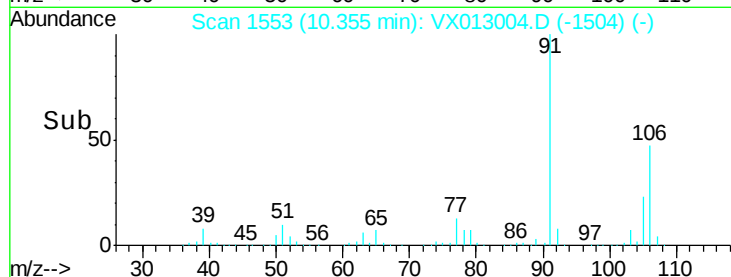
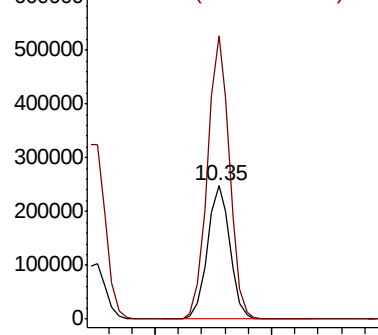
#68
m/p-Xylenes
Concen: 103.237 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Instrument :
MSVOA_X
ClientSampled :
S49-0555MS

Tot Ion:106 Resp: 332182
Ion Ratio Lower Upper
106 100
91 209.0 165.3 247.9

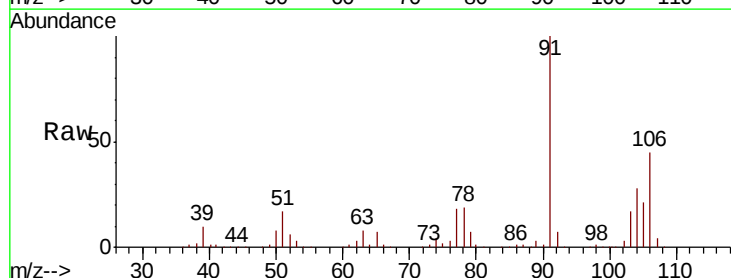


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

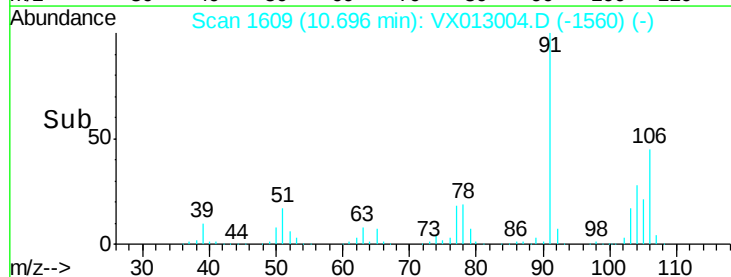
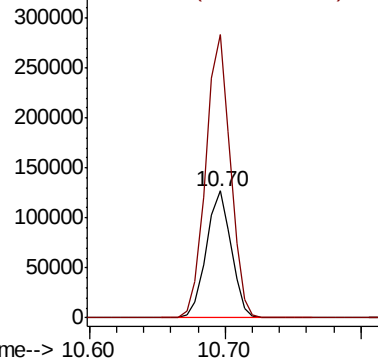


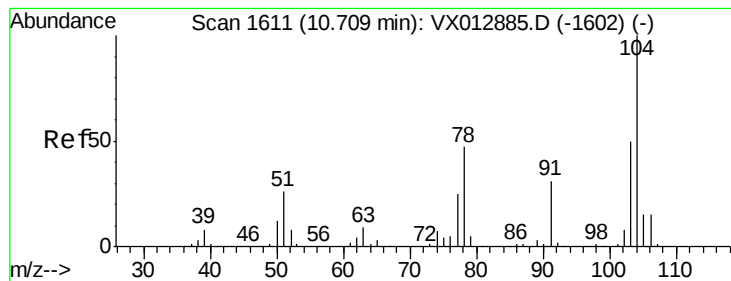
#69
o-Xylene
Concen: 51.533 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion:106 Resp: 161699
Ion Ratio Lower Upper
106 100
91 220.3 109.1 327.3



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





#70

Stvrene

Concen: 52.640 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MS

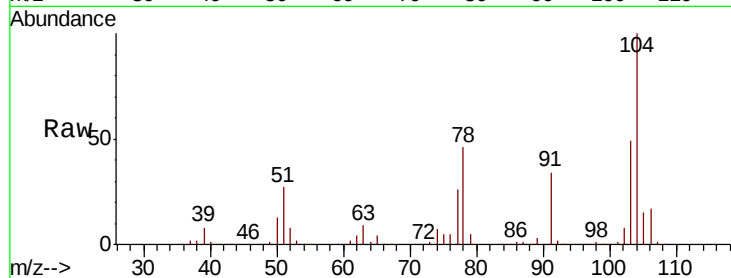
Tot Ion:104 Resp: 280797

Ion Ratio Lower Upper

104 100

78 51.8 41.2 61.8

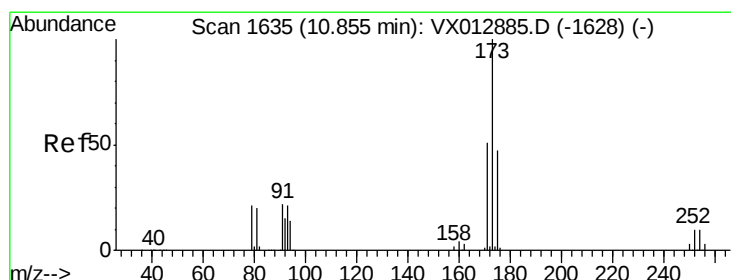
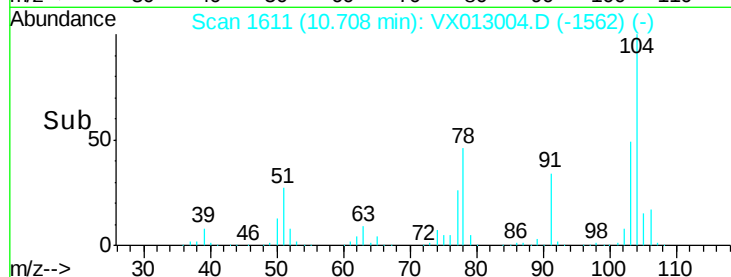
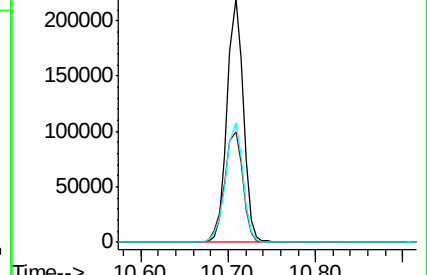
103 52.7 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 46.033 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

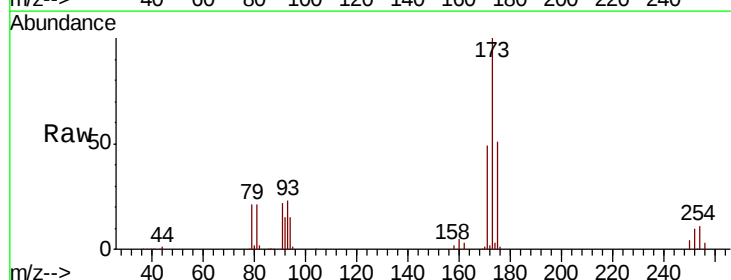
Tgt Ion:173 Resp: 65549

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.3

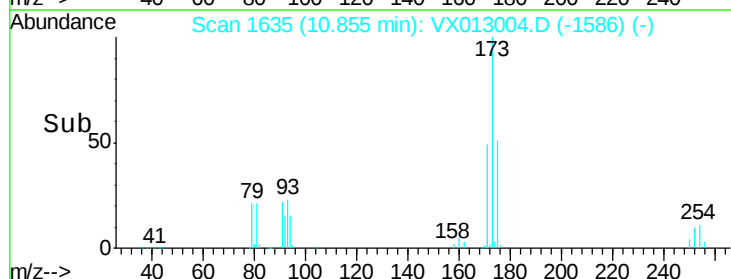
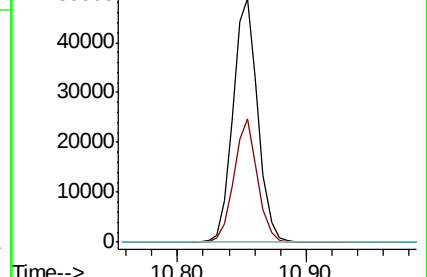
254 0.0 0.1 0.1#

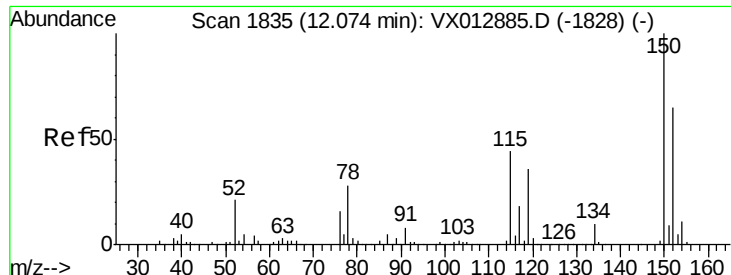


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MS

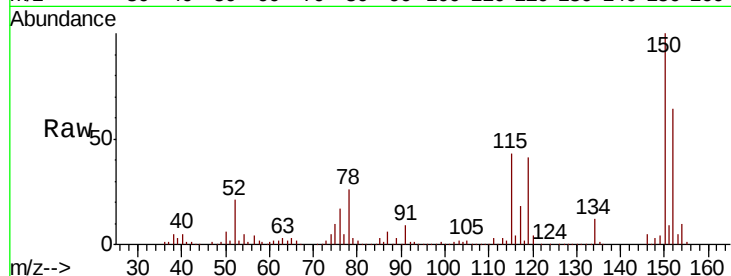
Tot Ion:152 Resp: 116050

Ion Ratio Lower Upper

152 100

115 86.2 44.5 133.5

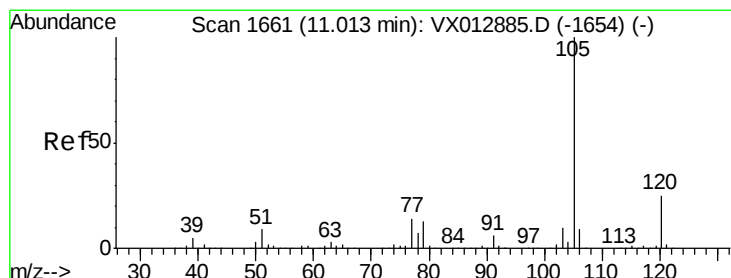
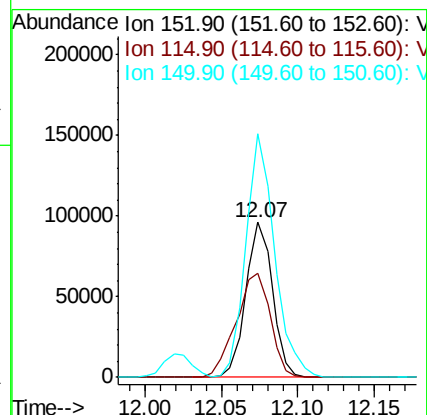
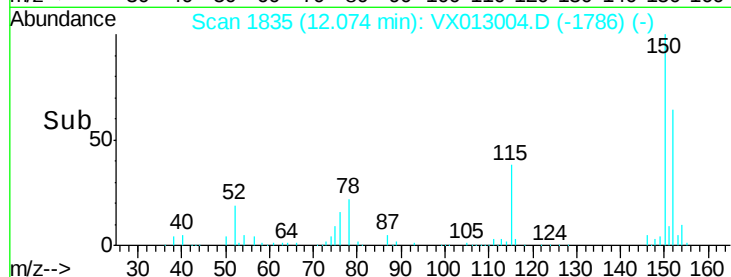
150 170.5 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.170 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013004.D

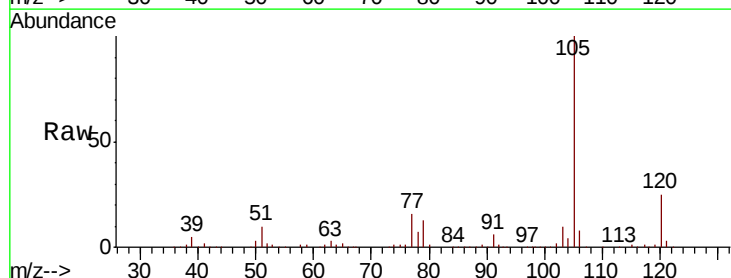
Acq: 10 Oct 2019 18:26

Tgt Ion:105 Resp: 436591

Ion Ratio Lower Upper

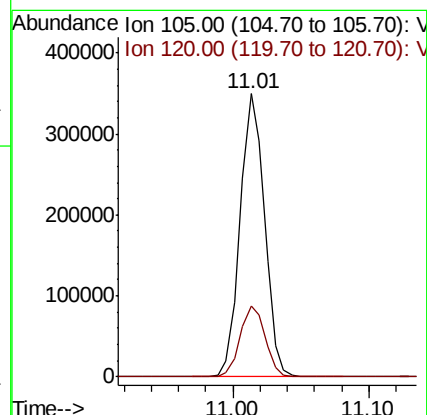
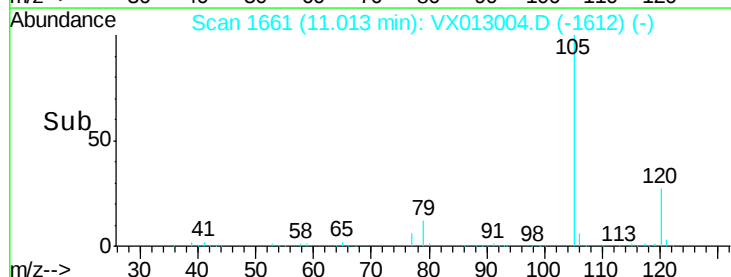
105 100

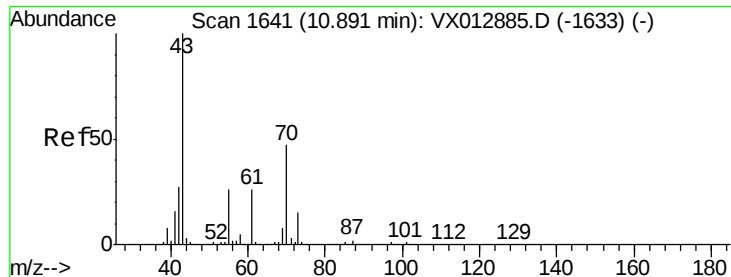
120 25.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.203 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MS

Tot Ion: 43 Resp: 173454

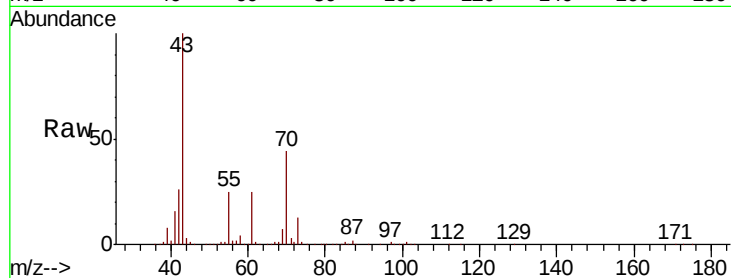
Ion Ratio Lower Upper

43 100

70 46.4 36.4 54.6

55 25.5 20.2 30.2

61 25.6 20.5 30.7

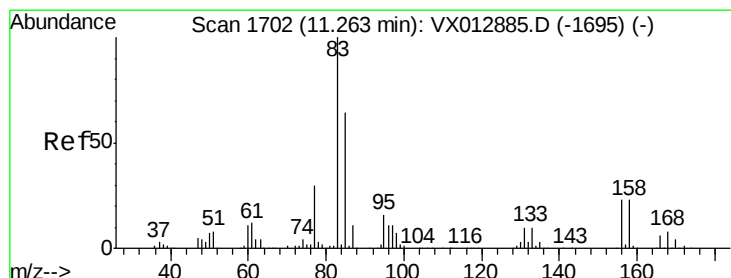
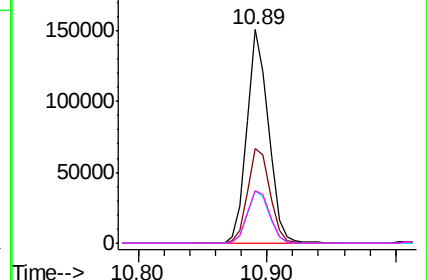
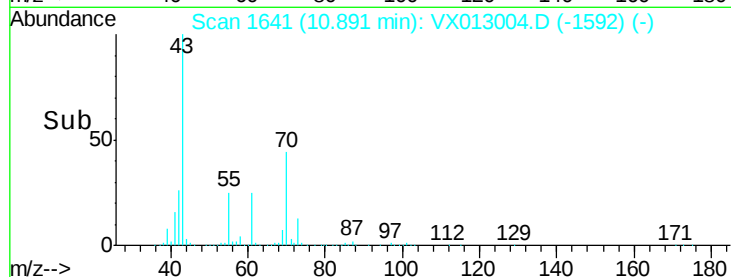


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.465 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

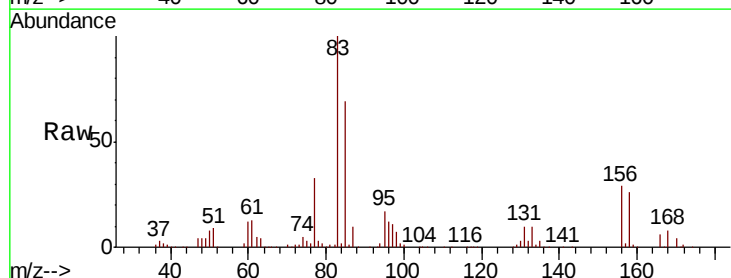
Tgt Ion: 83 Resp: 140374

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

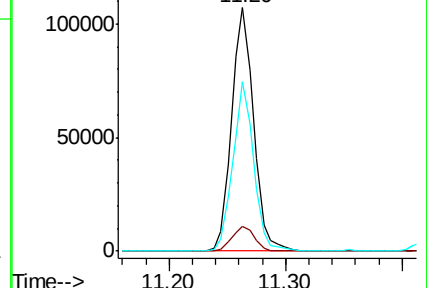
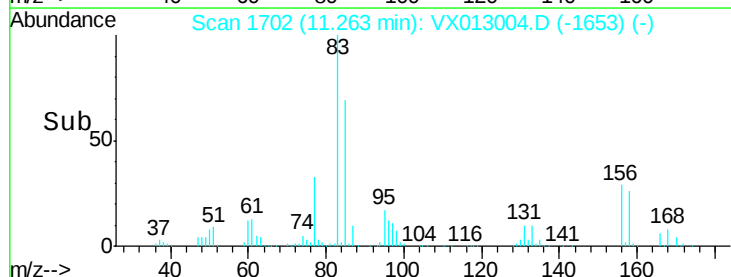
85 66.0 32.1 96.5

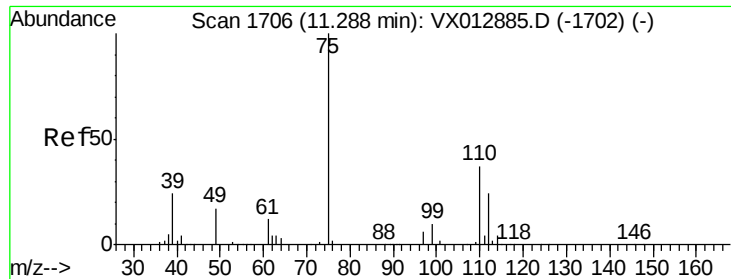


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

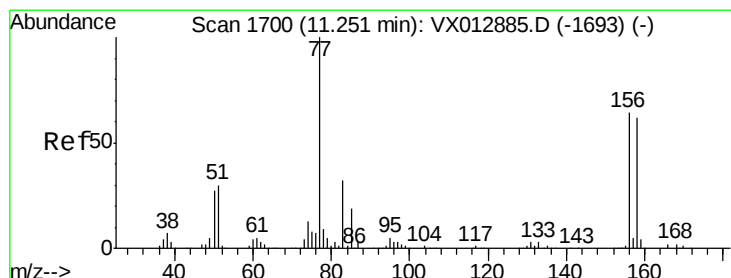
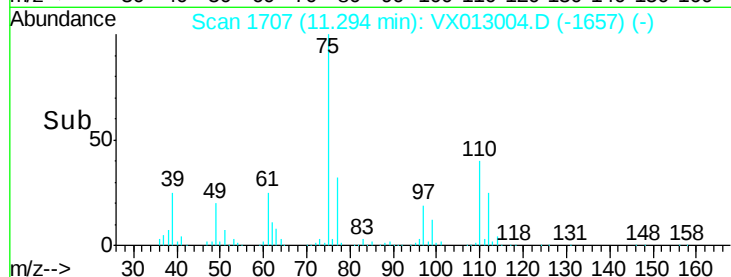
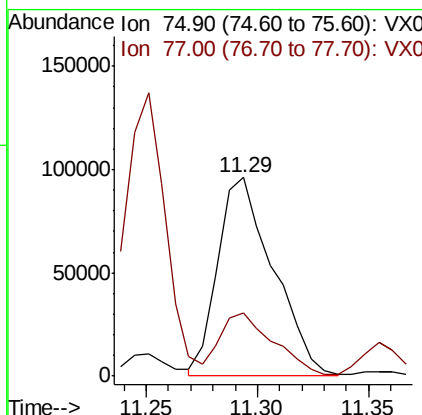
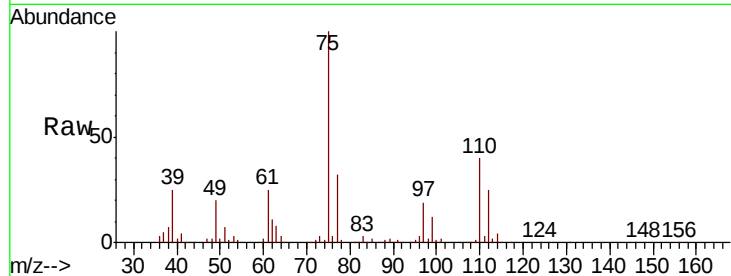




#76
 1,2,3-Trichloropropane
 Concen: 64.595 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

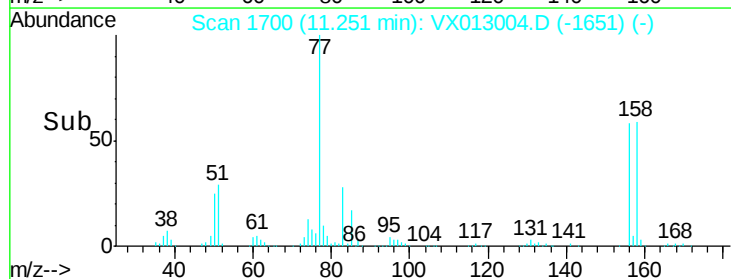
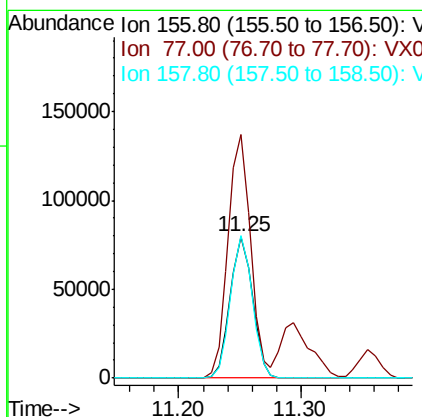
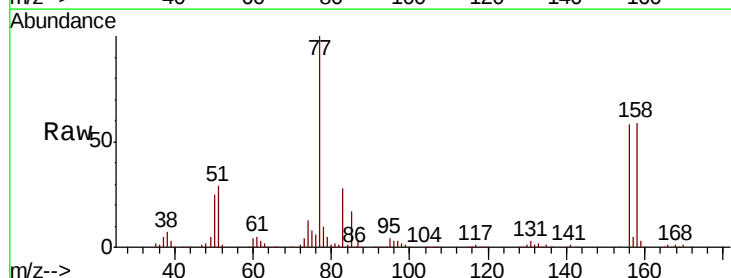
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0555MS

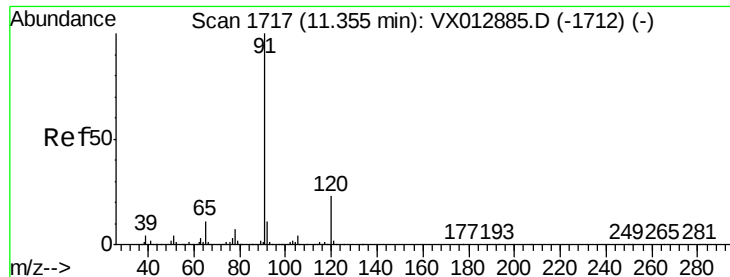
Tot Ion: 75 Resp: 166266
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.9 68.8



#77
 Bromobenzene
 Concen: 50.455 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Tgt Ion: 156 Resp: 101444
 Ion Ratio Lower Upper
 156 100
 77 172.9 83.7 251.0
 158 97.4 48.6 145.9





#78

n-propylbenzene

Concen: 50.718 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

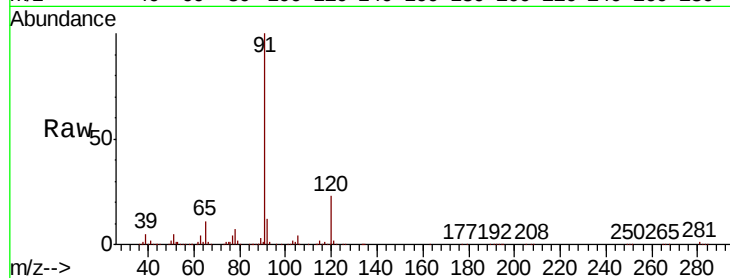
S49-0555MS

Tot Ion: 91 Resp: 476169

Ion Ratio Lower Upper

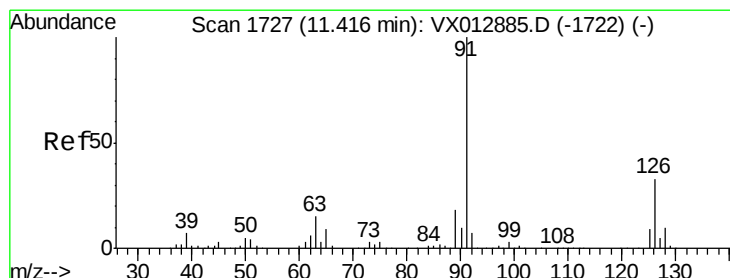
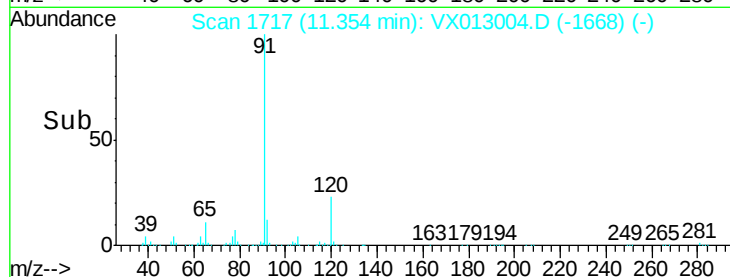
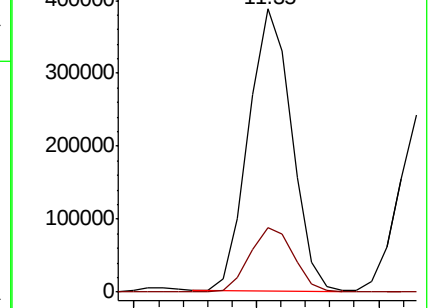
91 100

120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 49.994 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013004.D

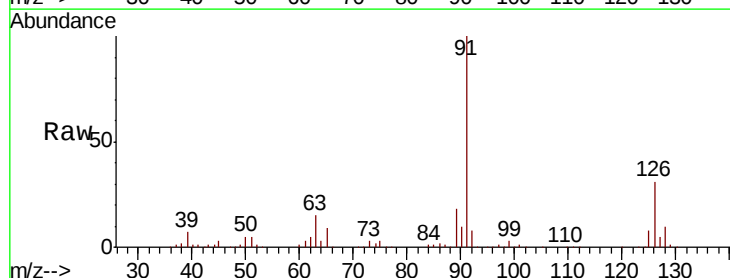
Acq: 10 Oct 2019 18:26

Tgt Ion: 91 Resp: 294984

Ion Ratio Lower Upper

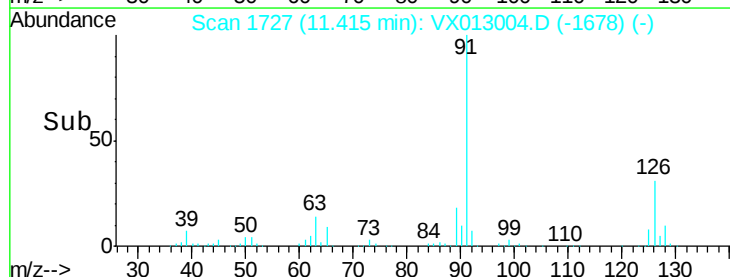
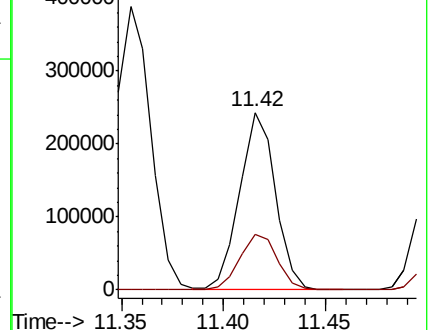
91 100

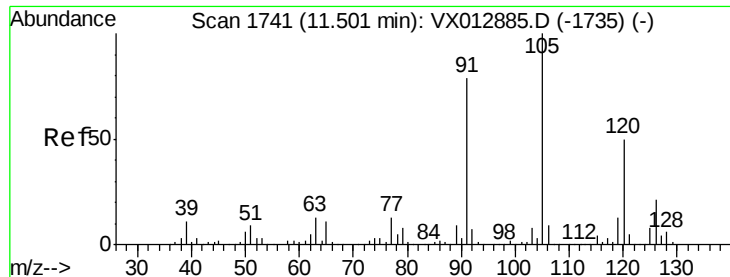
126 33.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

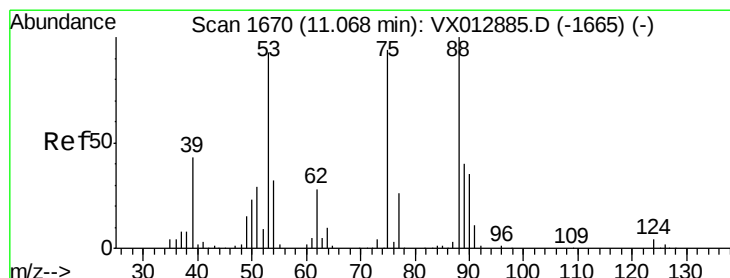
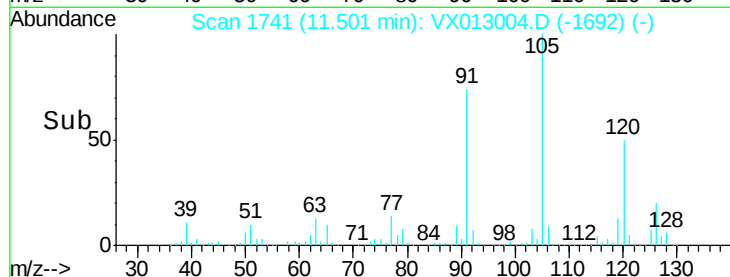
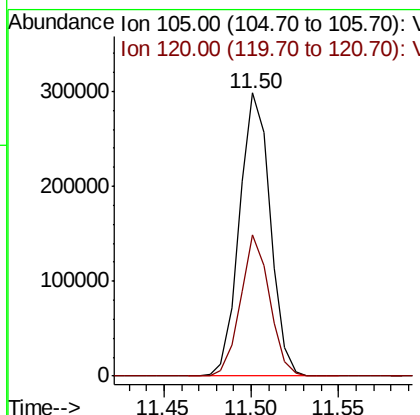
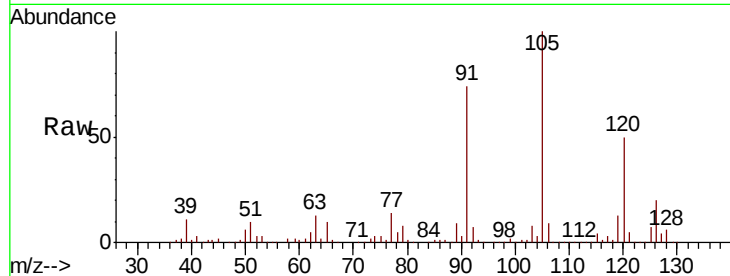




#80
 1,3,5-Trimethylbenzene
 Concen: 51.085 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

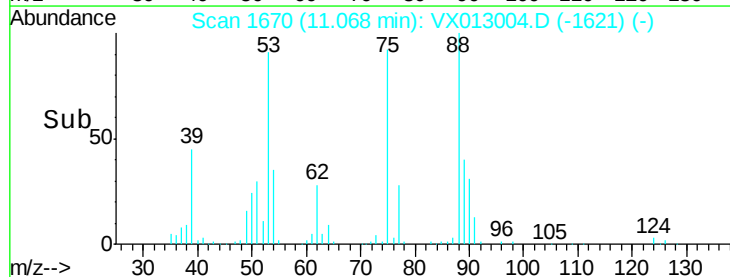
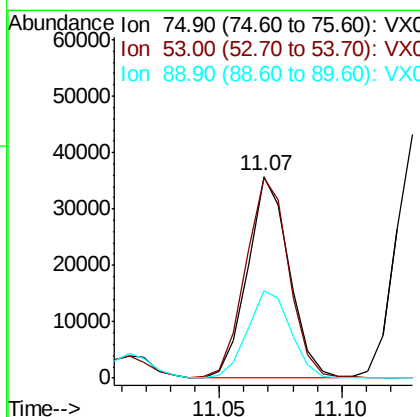
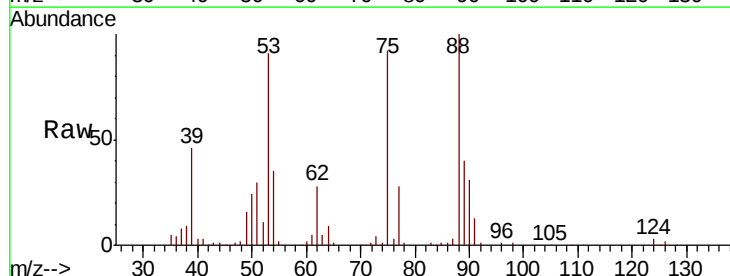
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MS

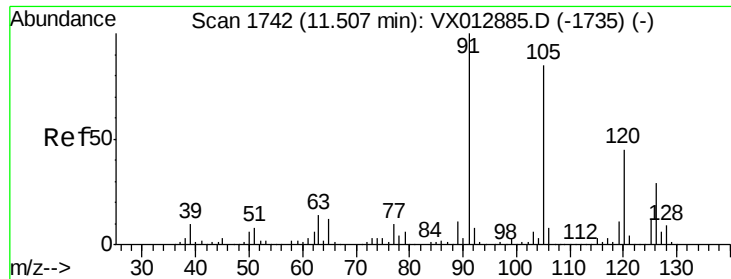
Tot Ion:105 Resp: 363948
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.775 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Tgt Ion: 75 Resp: 42173
 Ion Ratio Lower Upper
 75 100
 53 104.0 78.5 117.7
 89 45.3 37.4 56.2

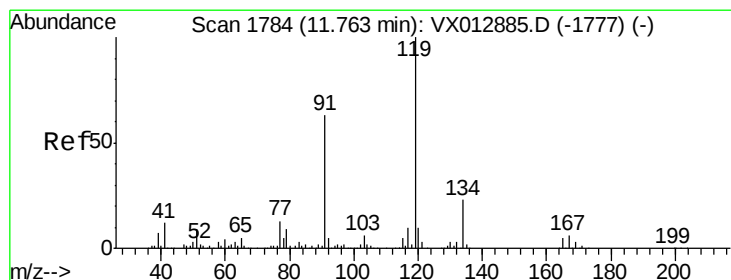
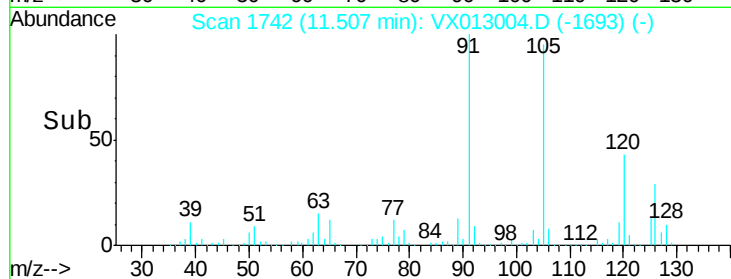
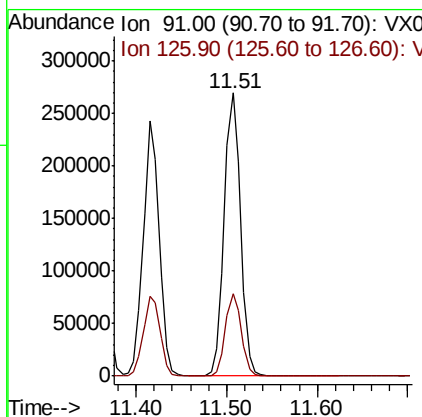
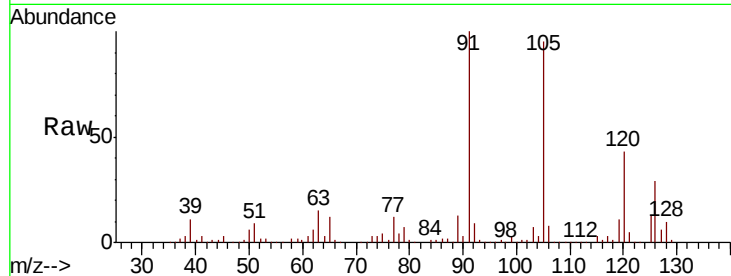




#82
4-Chlorotoluene
Concen: 50.399 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

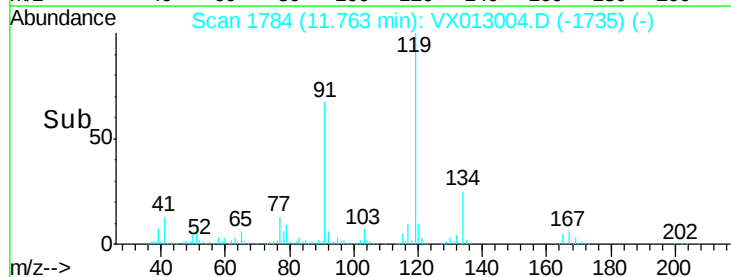
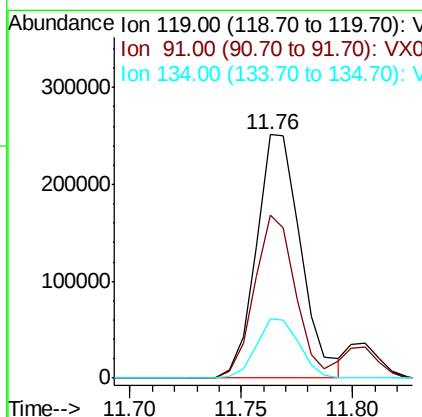
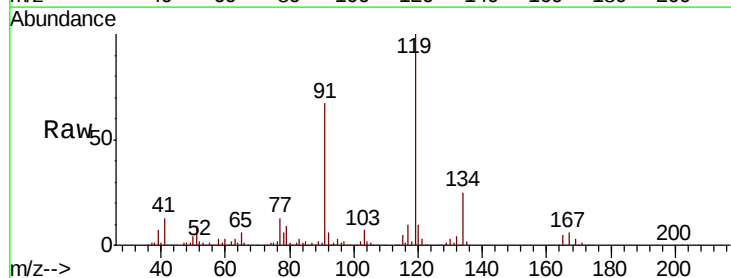
Instrument :
MSVOA_X
ClientSampleId :
S49-0555MS

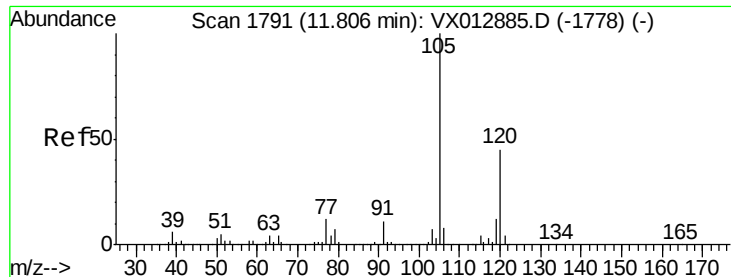
Tot Ion: 91 Resp: 340853
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6



#83
tert-Butylbenzene
Concen: 50.201 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion: 119 Resp: 348887
Ion Ratio Lower Upper
119 100
91 61.6 29.3 87.9
134 23.5 11.5 34.4

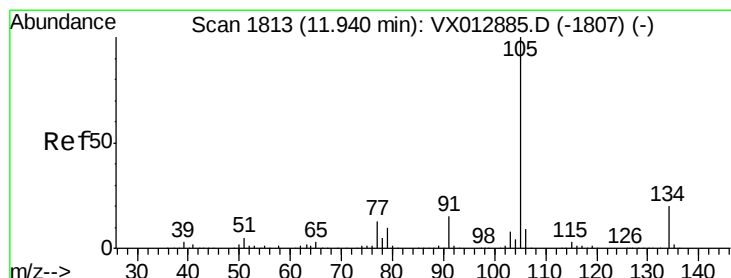
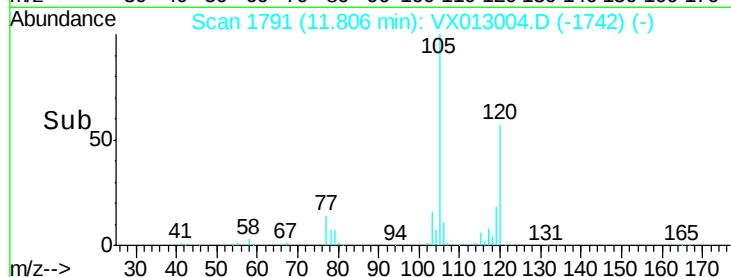
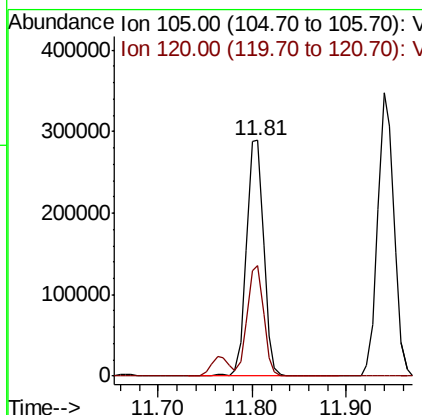
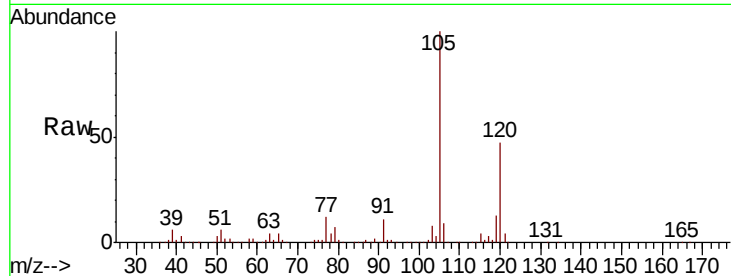




#84
1,2,4-Trimethylbenzene
Concen: 51.285 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

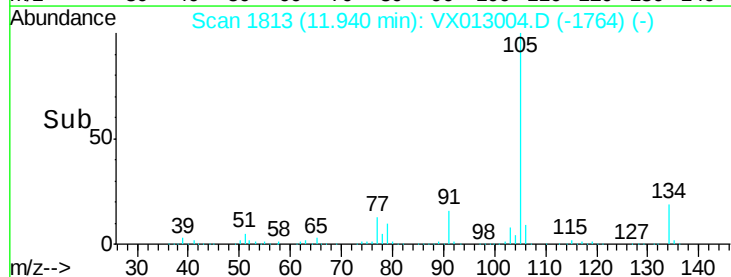
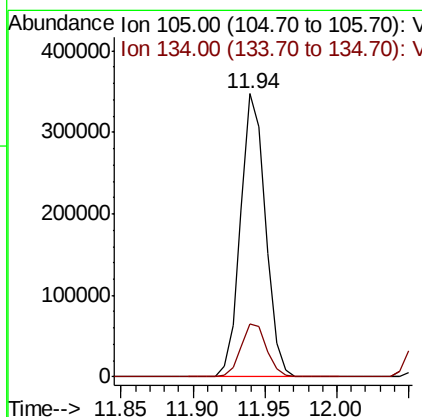
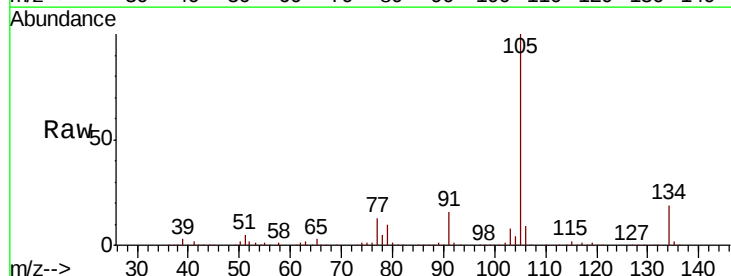
Instrument :
MSVOA_X
ClientSampleId :
S49-0555MS

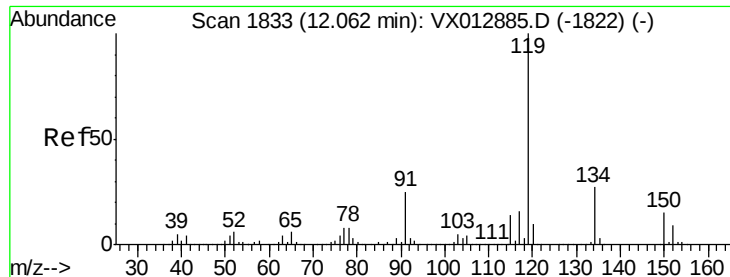
Tot Ion:105 Resp: 370044
Ion Ratio Lower Upper
105 100
120 44.8 21.8 65.3



#85
sec-Butylbenzene
Concen: 51.791 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion:105 Resp: 416999
Ion Ratio Lower Upper
105 100
134 19.2 10.0 30.0

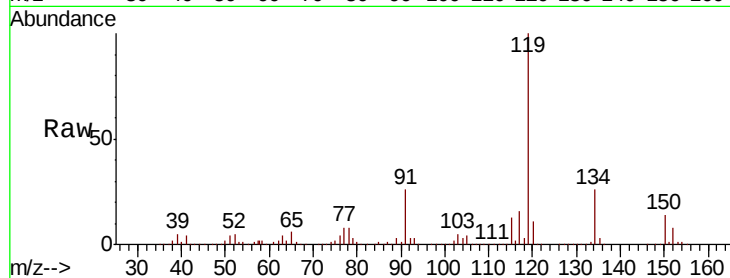




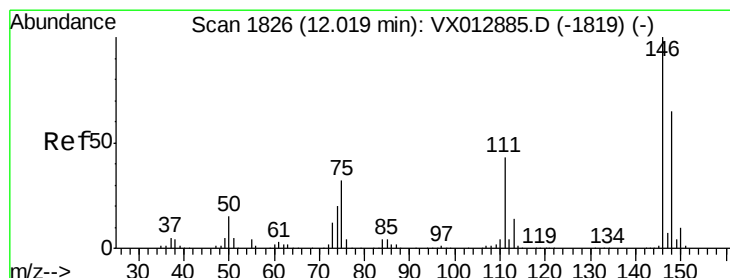
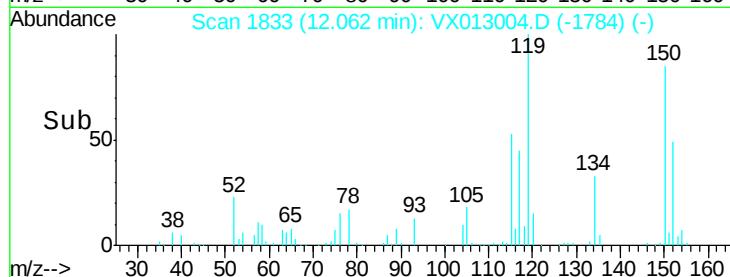
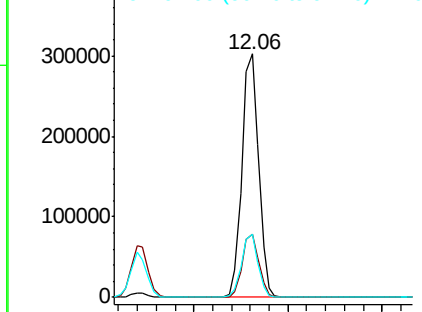
#86
p-Isopropyltoluene
Concen: 49.931 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0555MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.6	37.8
91	25.3	12.4	37.4

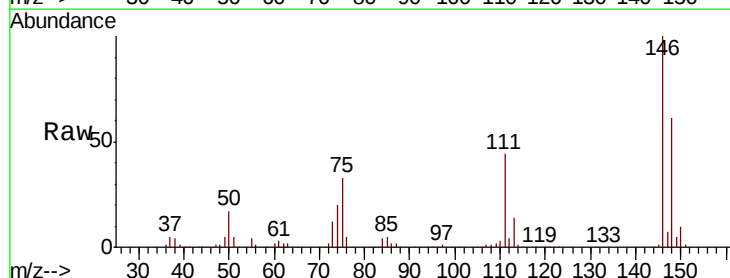


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

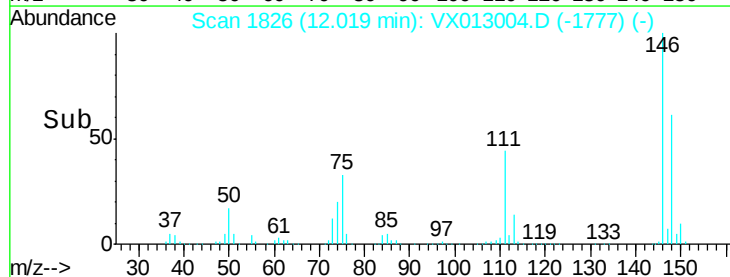
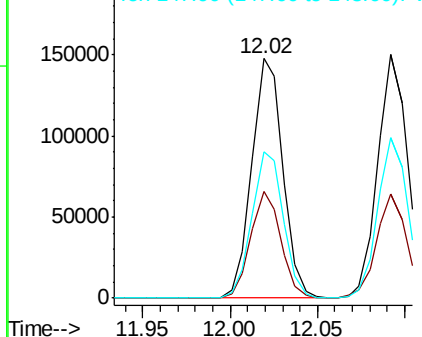


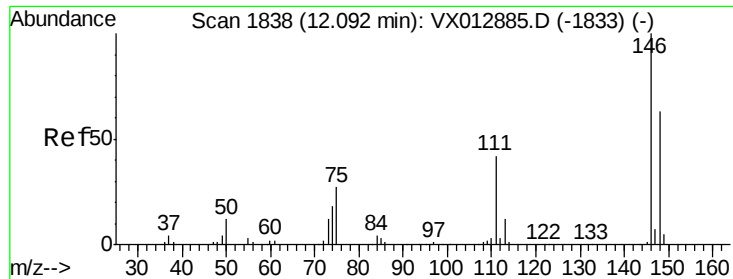
#87
1,3-Dichlorobenzene
Concen: 49.170 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.1	63.4
148	62.0	31.6	95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

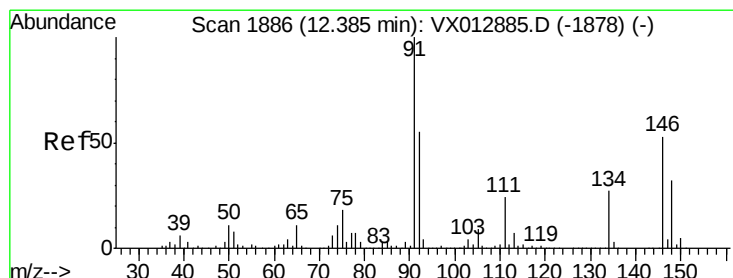
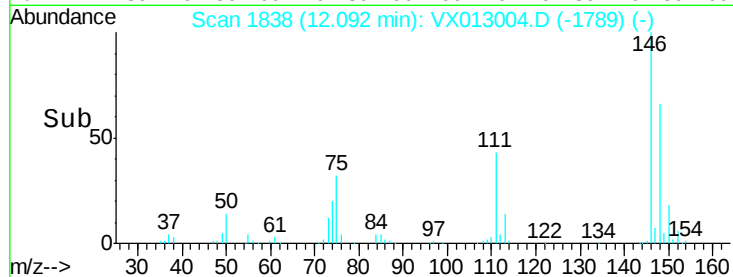
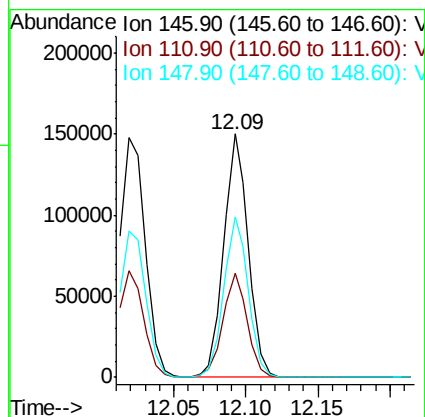
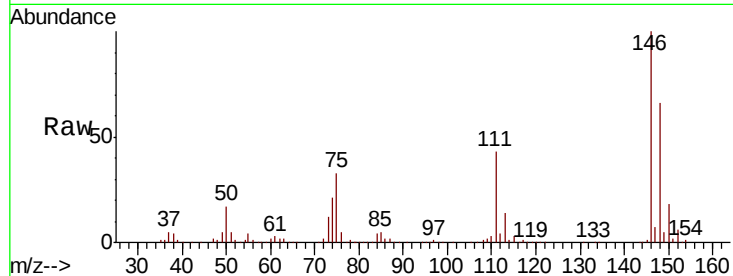




#88
 1,4-Dichlorobenzene
 Concen: 47.387 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

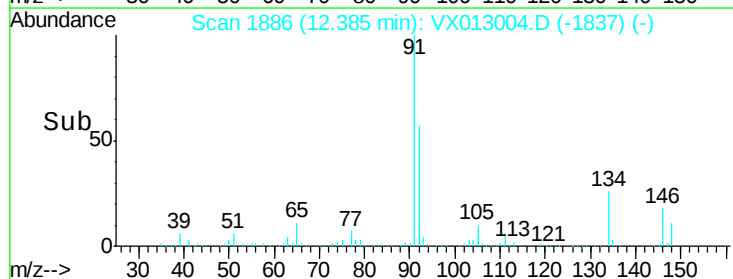
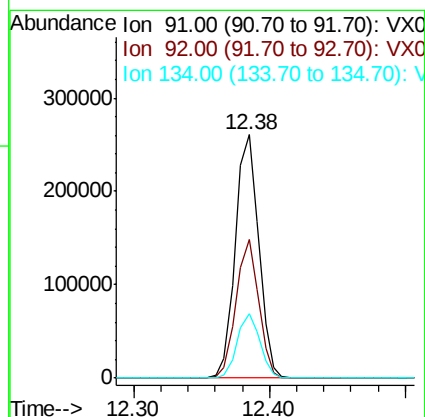
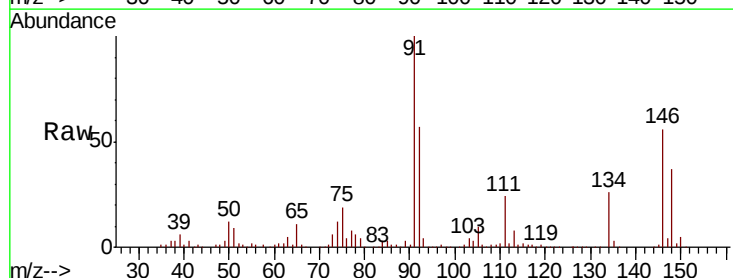
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MS

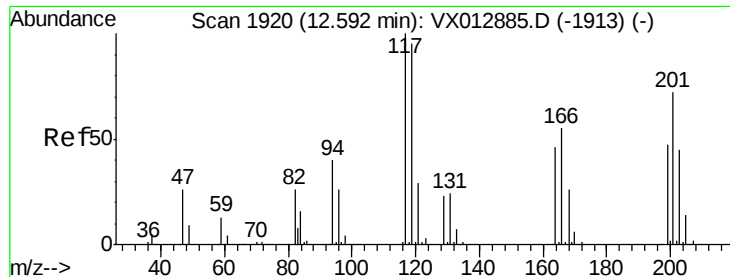
Tot Ion:146 Resp: 179186
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 66.1 32.1 96.5



#89
 n-Butylbenzene
 Concen: 49.710 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Tgt Ion: 91 Resp: 311981
 Ion Ratio Lower Upper
 91 100
 92 55.0 27.5 82.5
 134 25.7 12.9 38.7

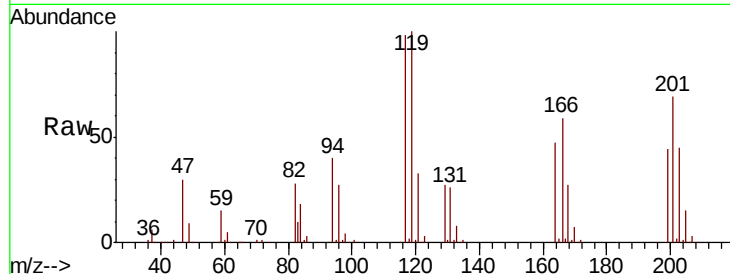




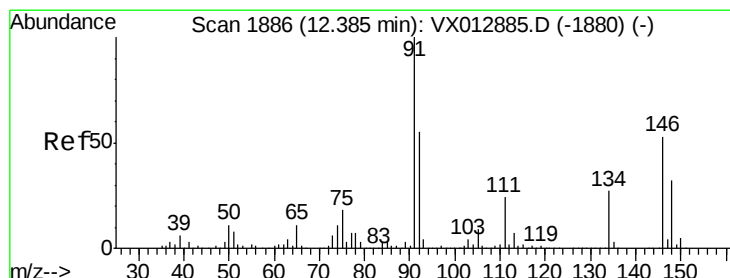
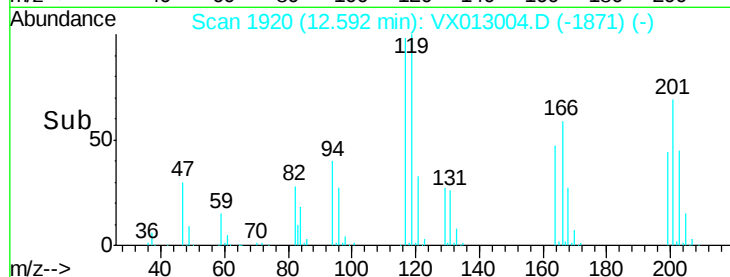
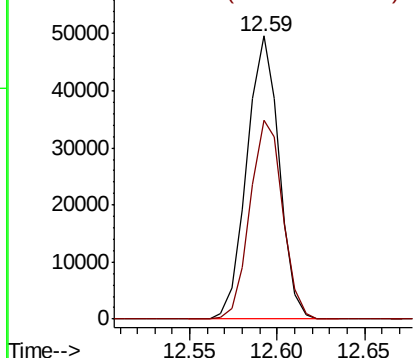
#90
Hexachloroethane
Concen: 46.331 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Instrument :
MSVOA_X
ClientSampled :
S49-0555MS

Tot Ion:117 Resp: 63855
Ion Ratio Lower Upper
117 100
201 71.3 36.9 110.7

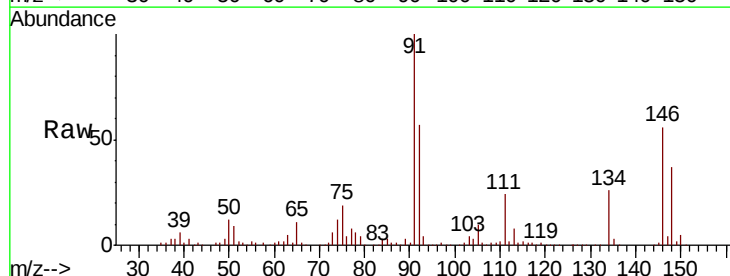


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

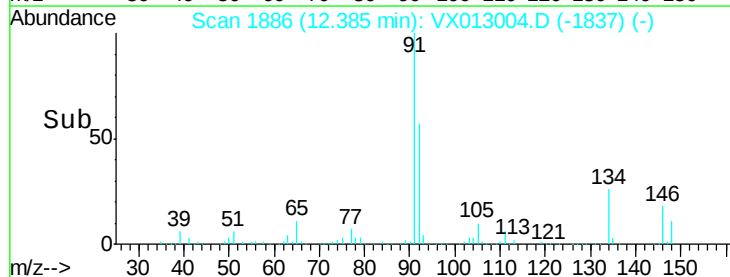
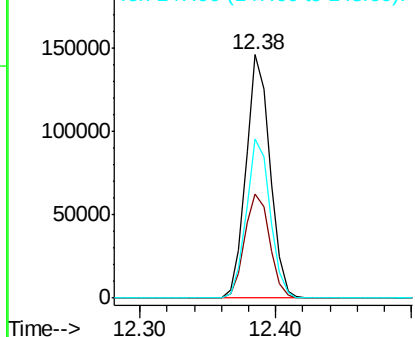


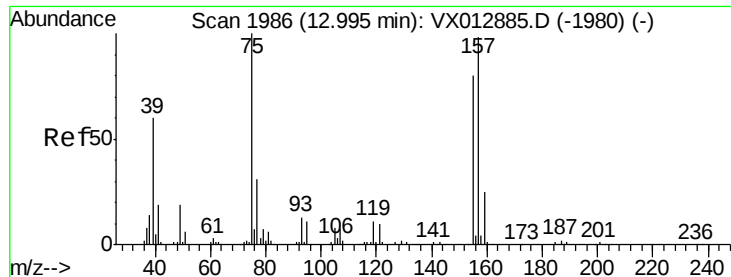
#91
1,2-Dichlorobenzene
Concen: 49.155 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013004.D
Acq: 10 Oct 2019 18:26

Tgt Ion:146 Resp: 179926
Ion Ratio Lower Upper
146 100
111 44.5 22.7 68.0
148 65.0 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.616 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MS

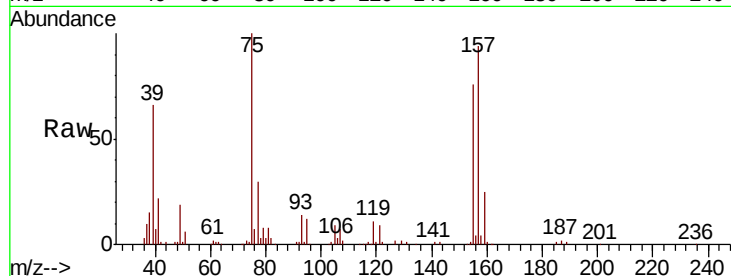
Tot Ion: 75 Resp: 34332

Ion Ratio Lower Upper

75 100

155 83.3 43.0 128.8

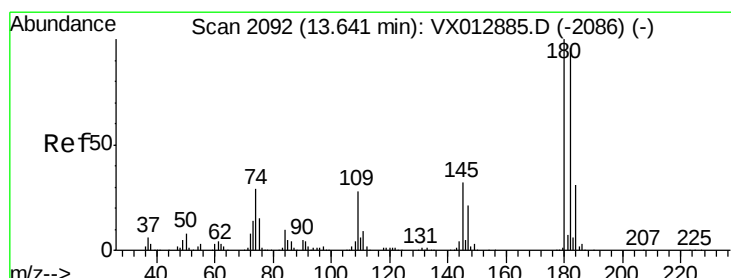
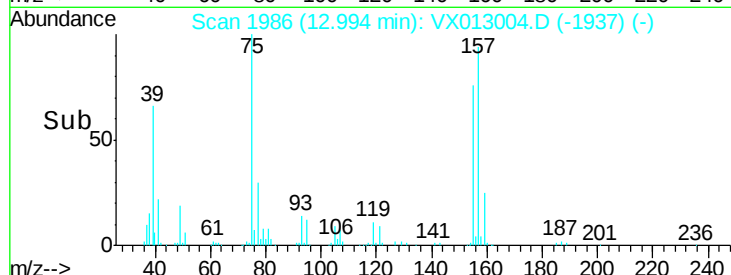
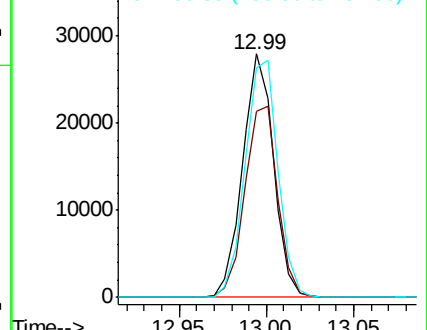
157 103.5 54.1 162.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 47.755 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

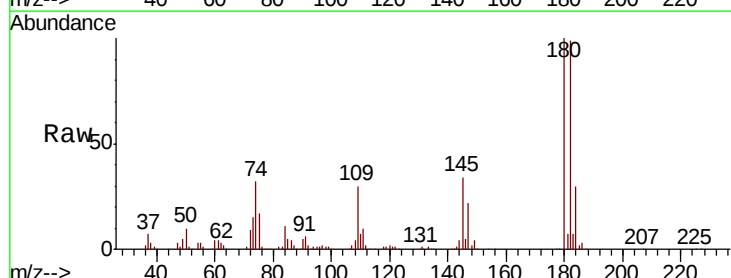
Tgt Ion: 180 Resp: 109500

Ion Ratio Lower Upper

180 100

182 96.0 46.8 140.4

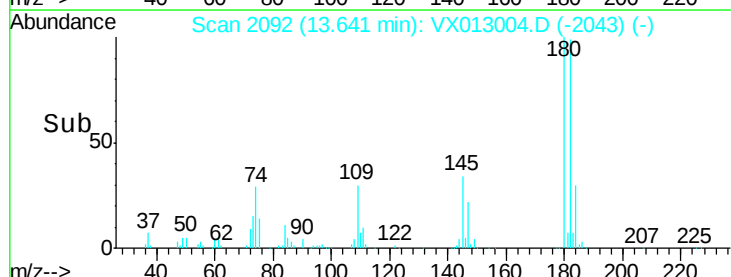
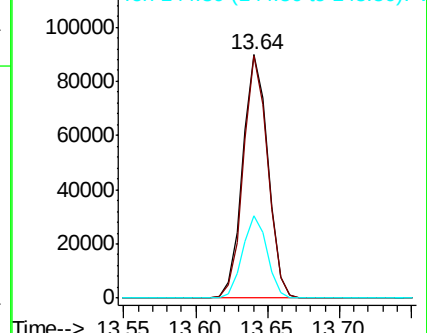
145 33.1 16.2 48.6

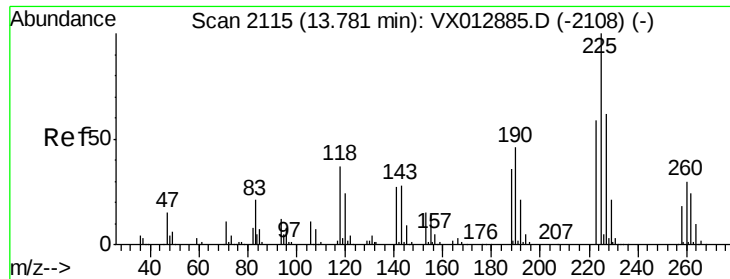


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 46.346 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

Instrument :

MSVOA_X

ClientSampled :

S49-0555MS

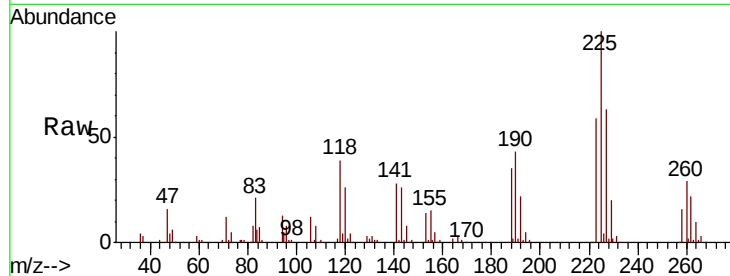
Tot Ion:225 Resp: 49043

Ion Ratio Lower Upper

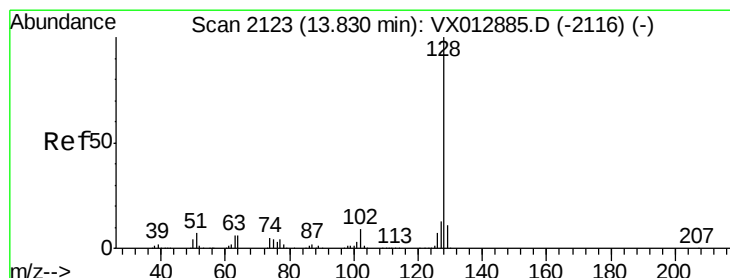
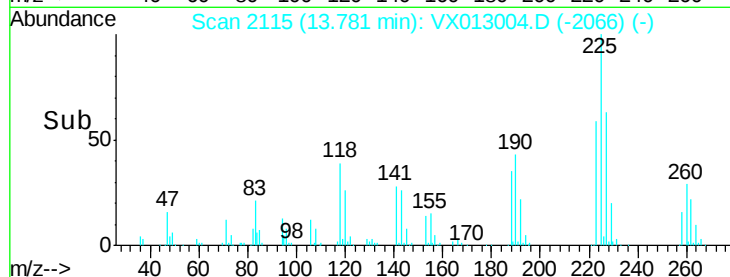
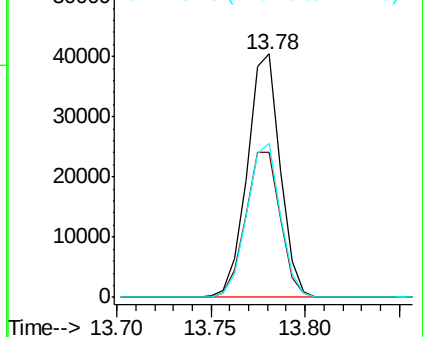
225 100

223 63.0 31.1 93.2

227 64.2 32.3 96.9



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: 49.476 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013004.D

Acq: 10 Oct 2019 18:26

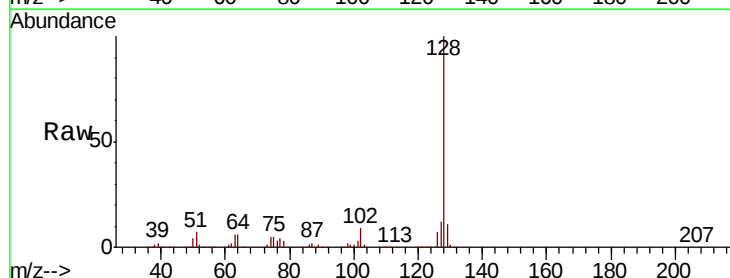
Tgt Ion:128 Resp: 393263

Ion Ratio Lower Upper

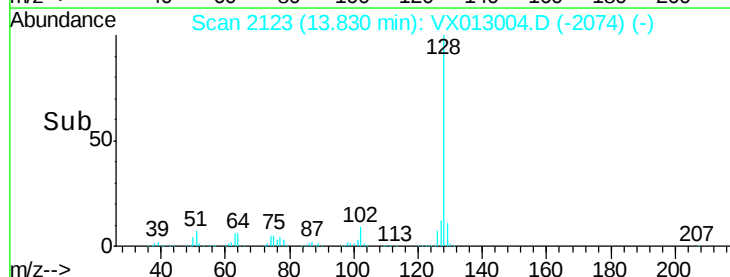
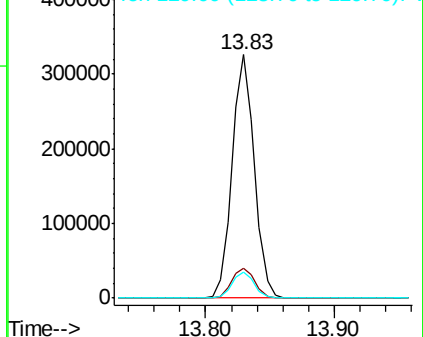
128 100

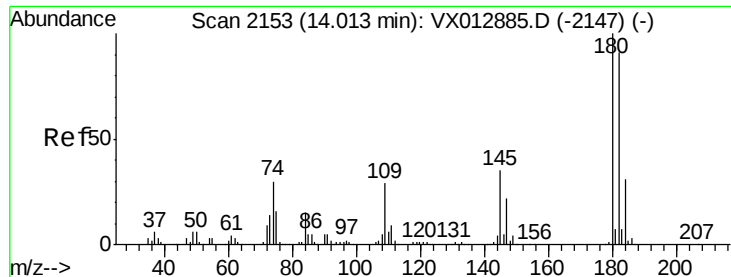
127 12.8 10.2 15.4

129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

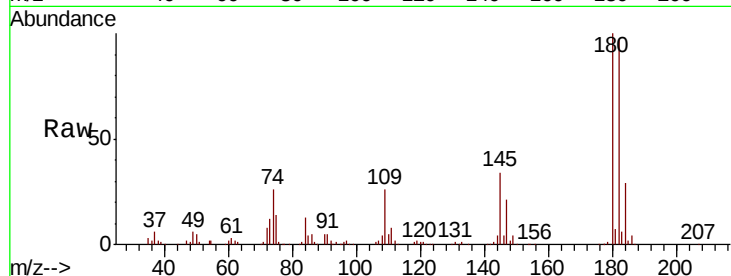




#96
 1,2,3-Trichlorobenzene
 Concen: 48.807 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX013004.D
 Acq: 10 Oct 2019 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.5
145	34.5	17.4	52.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

