

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016870.D
 Acq On : 19 Jun 2020 04:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 04:29:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 15:20:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	273063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	378561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	418029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201247	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	130258	39.66	ug/l	0.00
Spiked Amount			Recovery	=	79.32%	
35) Dibromofluoromethane	5.46	113	123619	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
50) Toluene-d8	8.70	98	413136	42.64	ug/l	0.00
Spiked Amount			Recovery	=	85.28%	
62) 4-Bromofluorobenzene	11.12	95	169838	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	184144	50.043	ug/l	99
3) Chloromethane	1.31	50	181476	53.408	ug/l	99
4) Vinyl Chloride	1.39	62	193152	50.436	ug/l	98
5) Bromomethane	1.62	94	114538	55.818	ug/l	99
6) Chloroethane	1.71	64	111030	47.074	ug/l	99
7) Trichlorofluoromethane	1.92	101	254276	47.462	ug/l	98
8) Diethyl Ether	2.17	74	97108	46.620	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122255	42.841	ug/l	98
10) Methyl Iodide	2.49	142	135646	49.931	ug/l	99
11) Tert butyl alcohol	3.01	59	136668	246.171	ug/l	98
12) 1,1-Dichloroethene	2.36	96	130372	44.678	ug/l	98
13) Acrolein	2.27	56	69811	207.400	ug/l	98
14) Allyl chloride	2.71	41	174471	45.202	ug/l	98
15) Acrylonitrile	3.12	53	304439	239.294	ug/l	99
16) Acetone	2.42	43	252248	244.951	ug/l	99
17) Carbon Disulfide	2.55	76	326976	43.359	ug/l	100
18) Methyl Acetate	2.75	43	148174	48.877	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	398206	47.885	ug/l	99
20) Methylene Chloride	2.84	84	128431	44.923	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	127372	46.241	ug/l	98
22) Diisopropyl ether	3.82	45	350708	47.423	ug/l	97
23) Vinyl Acetate	3.78	43	1461736	239.706	ug/l	99
24) 1,1-Dichloroethane	3.67	63	214825	46.505	ug/l	100
25) 2-Butanone	4.64	43	387189	235.985	ug/l	99
26) 2,2-Dichloropropane	4.56	77	157635	36.423	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	144769	46.761	ug/l	100
28) Bromochloromethane	4.98	49	110191	57.473	ug/l	91
29) Tetrahydrofuran	5.09	42	260993	252.574	ug/l	100
30) Chloroform	5.17	83	250495	51.364	ug/l	98
31) Cyclohexane	5.55	56	219953	54.160	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	238643	51.701	ug/l	99
36) 1,1-Dichloropropene	5.77	75	187731	53.709	ug/l	98
37) Ethyl Acetate	4.79	43	153245	49.620	ug/l	99
38) Carbon Tetrachloride	5.76	117	205881	52.494	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016870.D
 Acq On : 19 Jun 2020 04:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 04:29:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 15:20:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	246207	60.579	ug/l	97
40) Benzene	6.11	78	501067	47.775	ug/l	99
41) Methacrylonitrile	5.00	41	109032	65.030	ug/l	97
42) 1,2-Dichloroethane	6.16	62	176731	47.354	ug/l	100
43) Isopropyl Acetate	6.42	43	256471	47.555	ug/l	99
44) Trichloroethene	7.19	130	187500	58.374	ug/l	99
45) 1,2-Dichloropropane	7.49	63	165205	62.659	ug/l	95
46) Dibromomethane	7.64	93	104737	58.577	ug/l	99
47) Bromodichloromethane	7.88	83	212007	55.750	ug/l	99
48) Methyl methacrylate	7.74	41	156628	61.675	ug/l	100
49) 1,4-Dioxane	7.71	88	74673	1313.539	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	783153	241.433	ug/l	99
52) Toluene	8.76	92	329576	47.369	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	199901	47.815	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	212272	47.462	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	132567	50.464	ug/l	99
56) Ethyl methacrylate	9.16	69	196998	51.801	ug/l	99
57) 1,3-Dichloropropane	9.35	76	224237	50.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	496637	263.096	ug/l	99
59) 2-Hexanone	9.47	43	612117	266.158	ug/l	99
60) Dibromochloromethane	9.57	129	164526	52.208	ug/l	98
61) 1,2-Dibromoethane	9.65	107	166991	58.576	ug/l	100
64) Tetrachloroethene	9.32	164	166632	43.046	ug/l	99
65) Chlorobenzene	10.12	112	411624	48.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	163693	49.895	ug/l	99
67) Ethyl Benzene	10.24	91	723626	50.665	ug/l	100
68) m/p-Xylenes	10.34	106	513918	92.468	ug/l	99
69) o-Xylene	10.68	106	268148	52.179	ug/l	97
70) Styrene	10.70	104	489954	56.112	ug/l	99
71) Bromoform	10.84	173	144741	52.475	ug/l #	100
73) Isopropylbenzene	11.00	105	665993	49.872	ug/l	100
74) N-amyl acetate	10.88	43	284339	62.843	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	184789	50.506	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	237416	67.735	ug/l	86
77) Bromobenzene	11.24	156	176198	49.861	ug/l	99
78) n-propylbenzene	11.34	91	722648	49.973	ug/l	100
79) 2-Chlorotoluene	11.40	91	432918	48.930	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	548614	46.732	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	68092	45.368	ug/l	98
82) 4-Chlorotoluene	11.49	91	514188	48.442	ug/l	100
83) tert-Butylbenzene	11.76	119	517189	46.756	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	561700	48.775	ug/l	99
85) sec-Butylbenzene	11.93	105	607879	47.318	ug/l	99
86) p-Isopropyltoluene	12.05	119	584609	49.668	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	298390	46.218	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	306946	47.011	ug/l	99
89) n-Butylbenzene	12.37	91	471606	41.830	ug/l	99
90) Hexachloroethane	12.58	117	104540	49.305	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	289839	46.504	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43323	49.939	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
Data File : VX016870.D
Acq On : 19 Jun 2020 04:04
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 19 04:29:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 18 15:20:47 2020
Response via : Initial Calibration

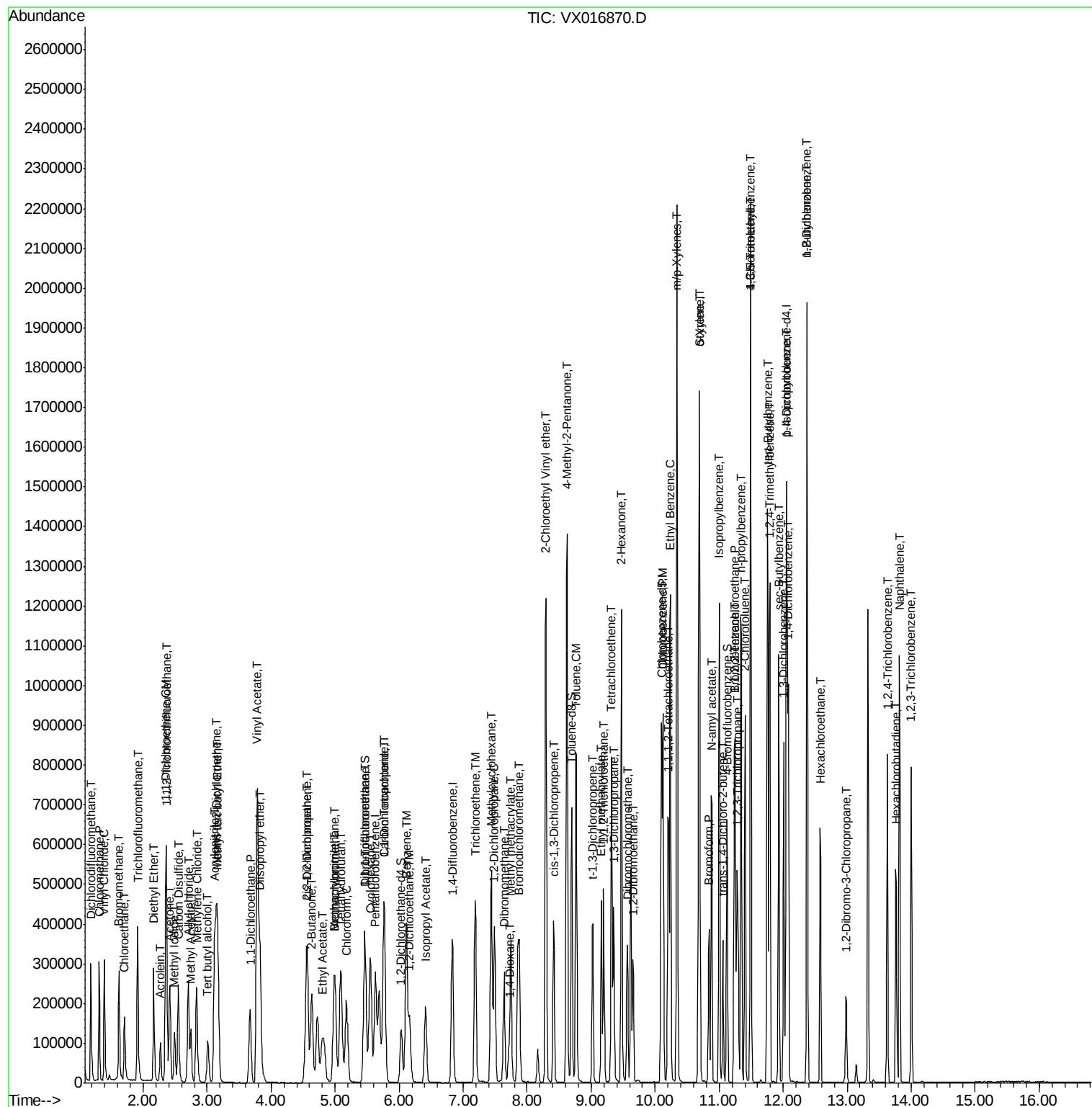
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	203689	48.669	ug/l	99
94) Hexachlorobutadiene	13.77	225	91456	48.427	ug/l	94
95) Naphthalene	13.82	128	641753	52.230	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	199914	47.898	ug/l	98

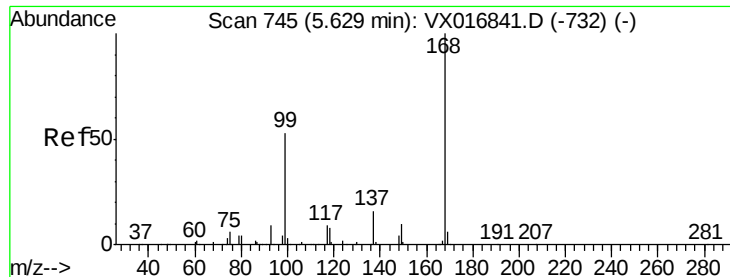
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061820\
Data File : VX016870.D
Acq On : 19 Jun 2020 04:04
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jun 19 04:29:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 18 15:20:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

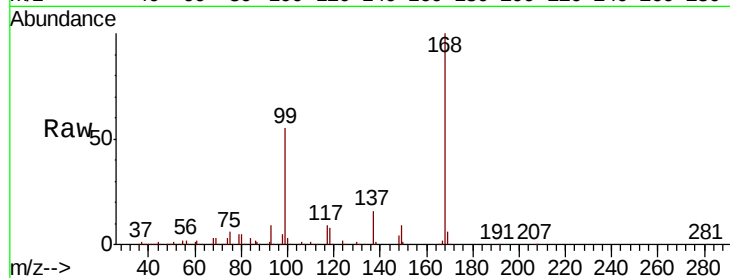
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 273063

Ion Ratio Lower Upper

168 100

99 54.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

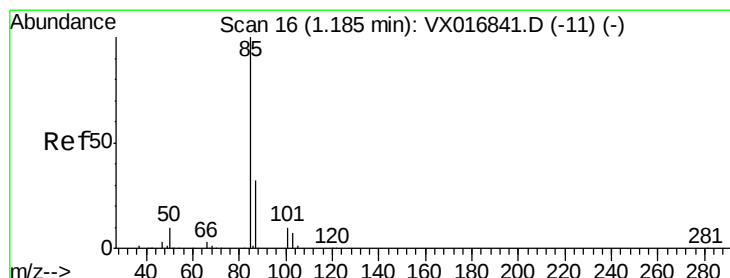
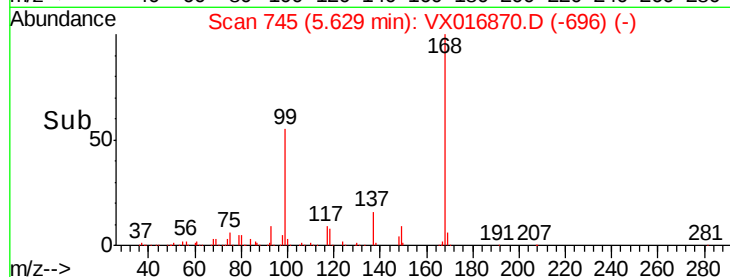
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.043 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016870.D

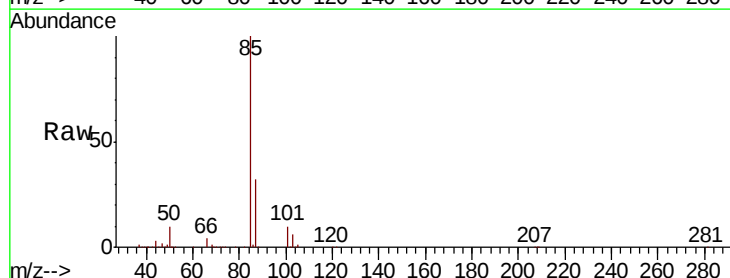
Acq: 19 Jun 2020 04:04

Tgt Ion: 85 Resp: 184144

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

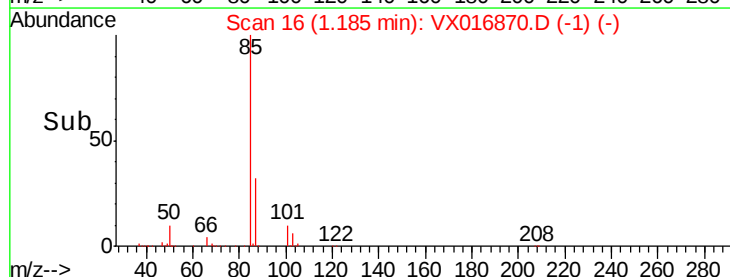
100000

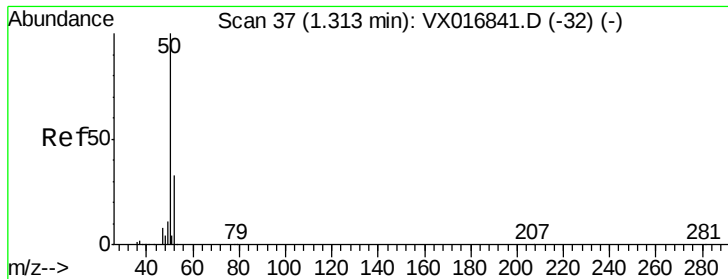
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 53.408 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

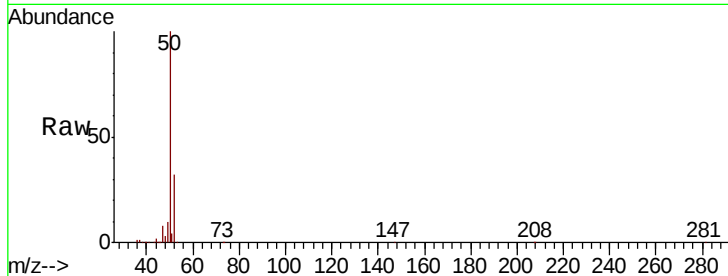
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 181476

Ion Ratio Lower Upper

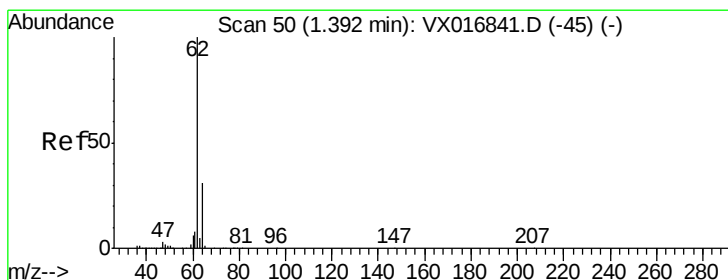
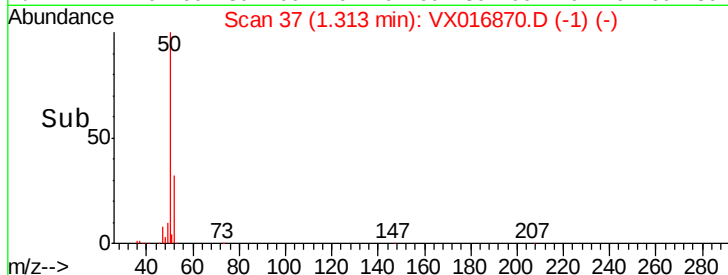
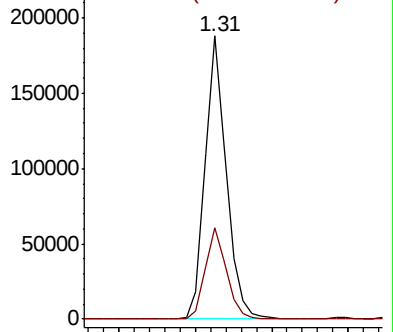
50 100

52 32.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.436 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016870.D

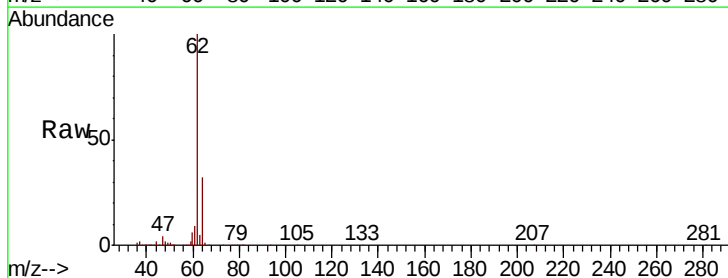
Acq: 19 Jun 2020 04:04

Tgt Ion: 62 Resp: 193152

Ion Ratio Lower Upper

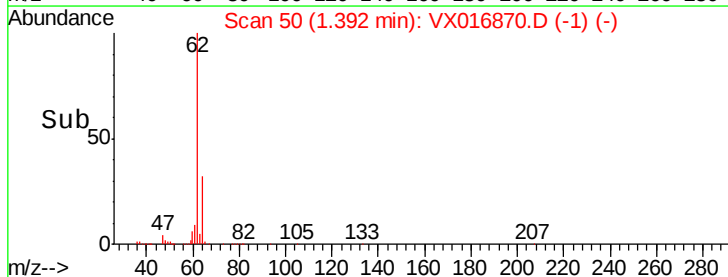
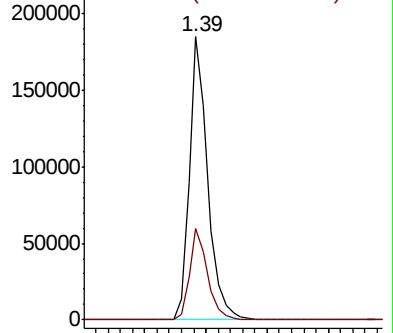
62 100

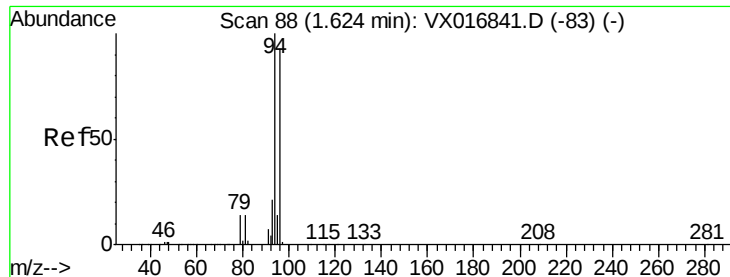
64 32.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.818 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

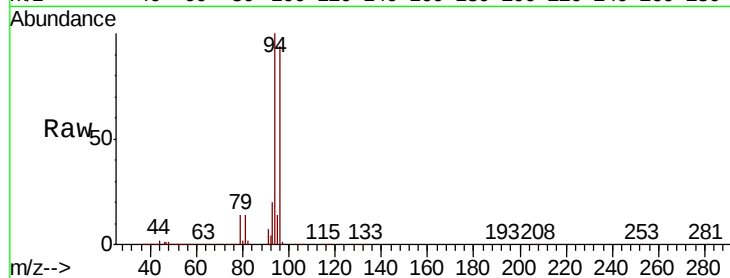
ClientSampleId :

Tot Ion: 94 Resp: 114538

Ion Ratio Lower Upper

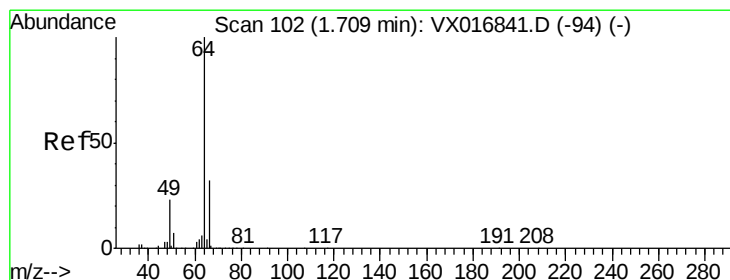
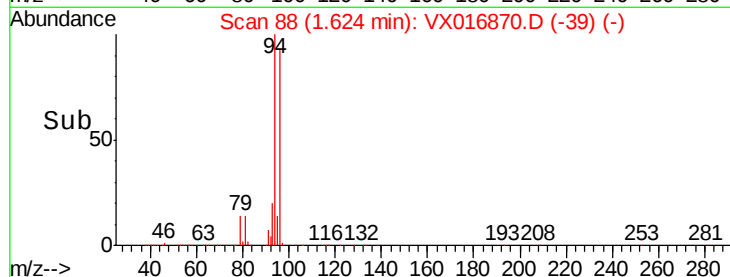
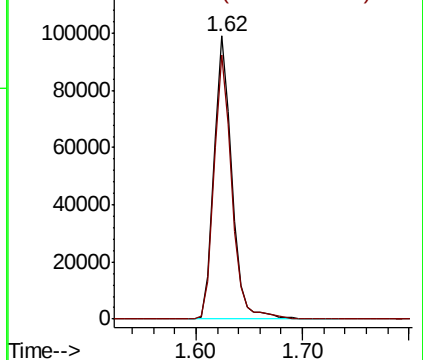
94 100

96 93.5 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.074 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016870.D

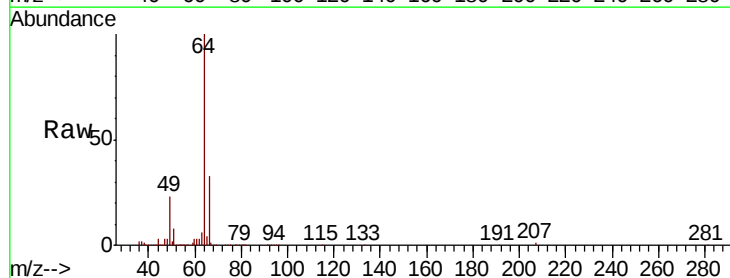
Acq: 19 Jun 2020 04:04

Tgt Ion: 64 Resp: 111030

Ion Ratio Lower Upper

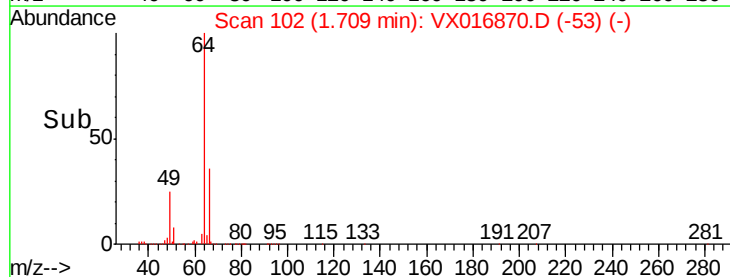
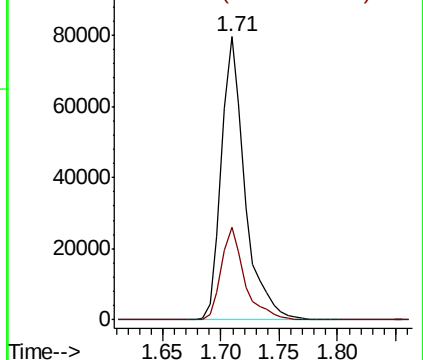
64 100

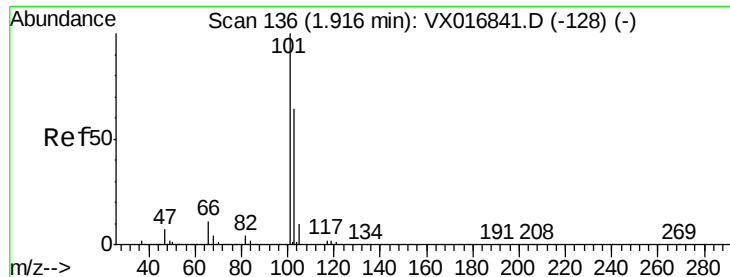
66 32.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



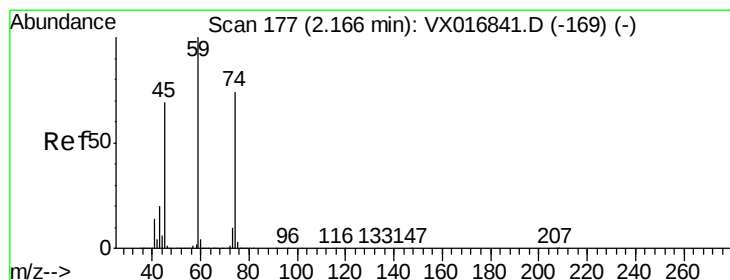
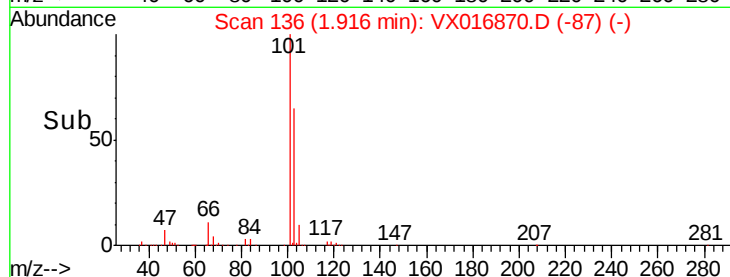
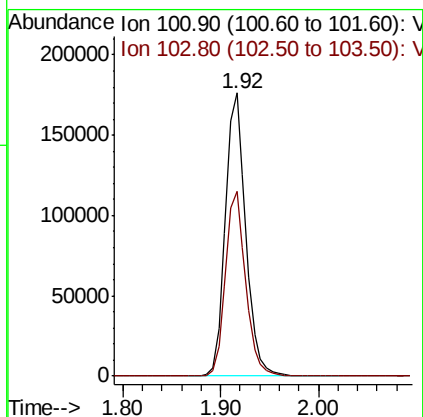
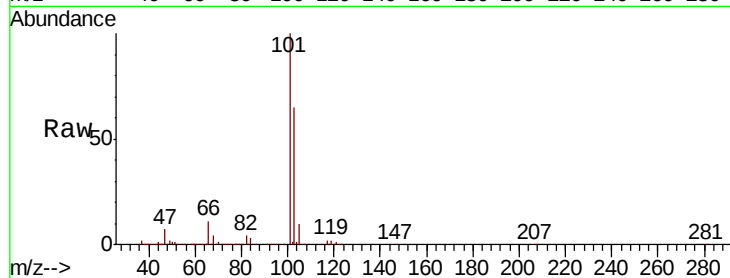


#7

Trichlorofluoromethane
Concen: 47.462 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :

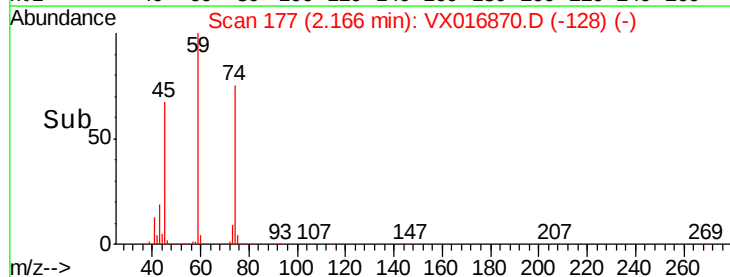
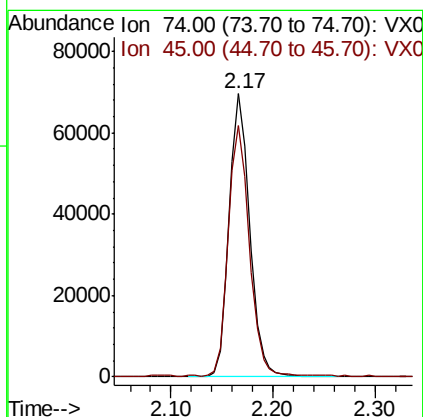
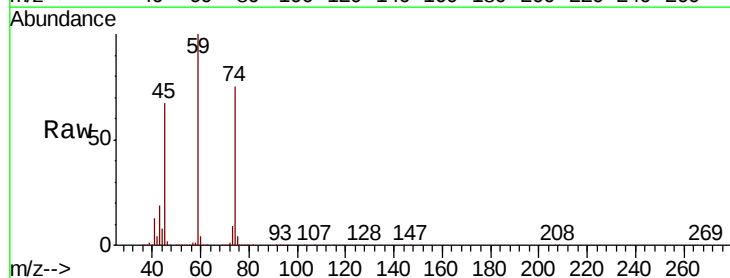
Tot Ion:101 Resp: 254276
Ion Ratio Lower Upper
101 100
103 65.2 51.2 76.8

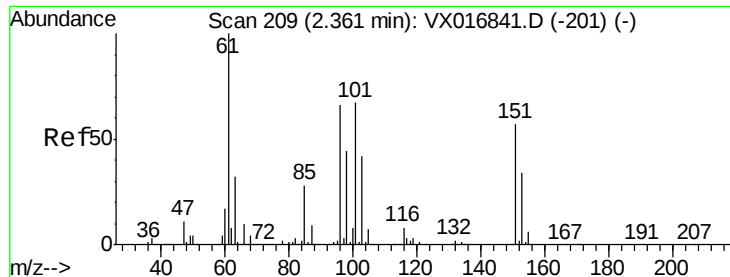


#8

Diethyl Ether
Concen: 46.620 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion: 74 Resp: 97108
Ion Ratio Lower Upper
74 100
45 89.7 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.841 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

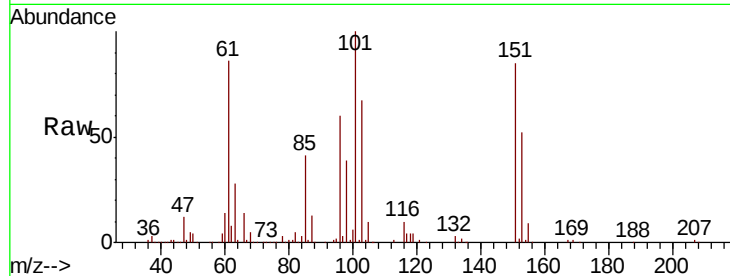
Tot Ion:101 Resp: 122255

Ion Ratio Lower Upper

101 100

85 42.0 34.3 51.5

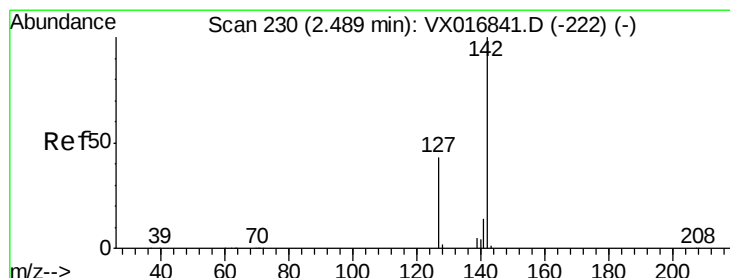
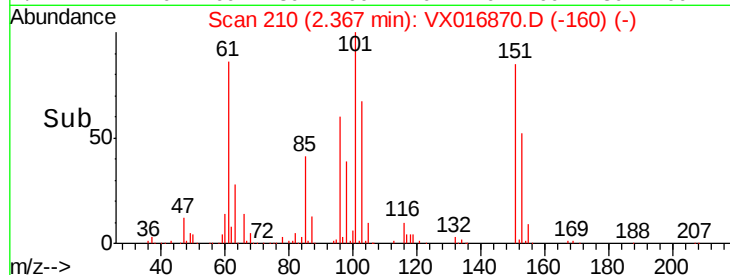
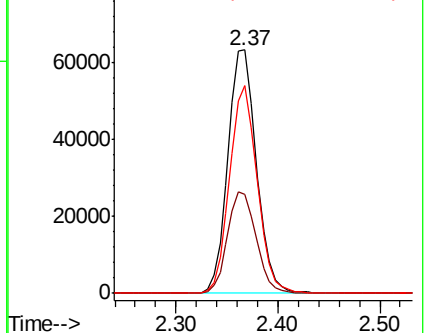
151 82.7 67.6 101.4



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: 49.931 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

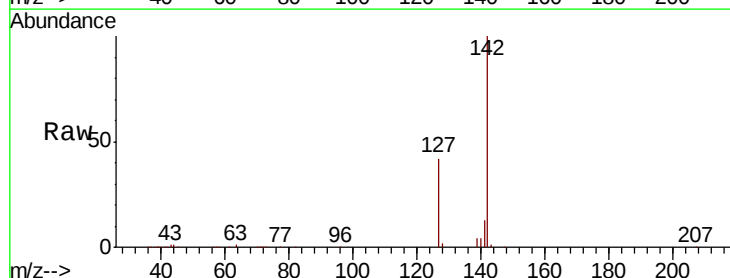
Tgt Ion:142 Resp: 135646

Ion Ratio Lower Upper

142 100

127 43.3 35.1 52.7

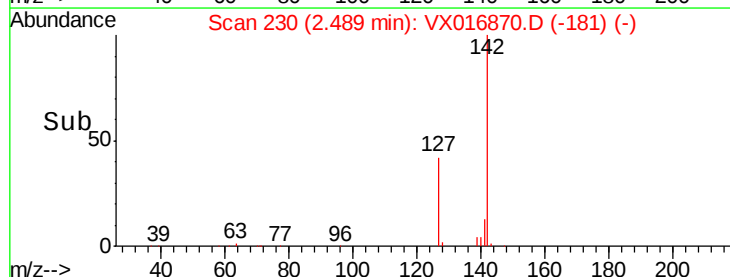
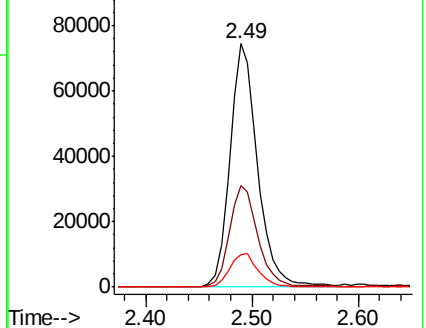
141 14.2 11.6 17.4

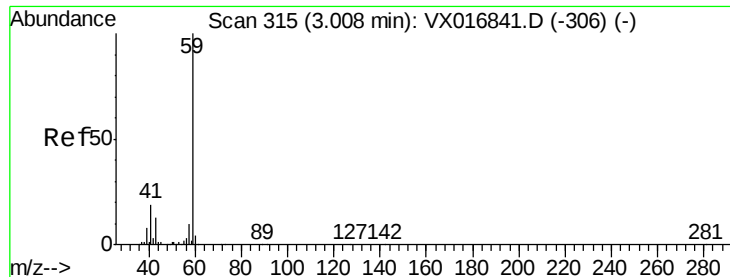


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

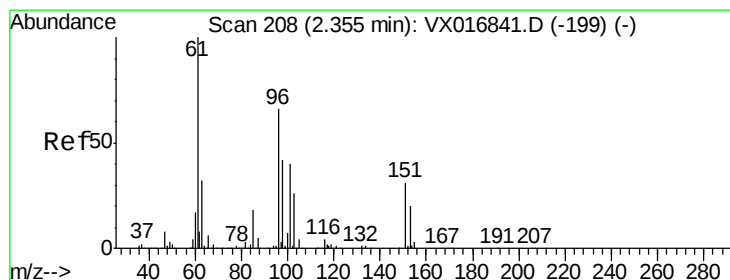
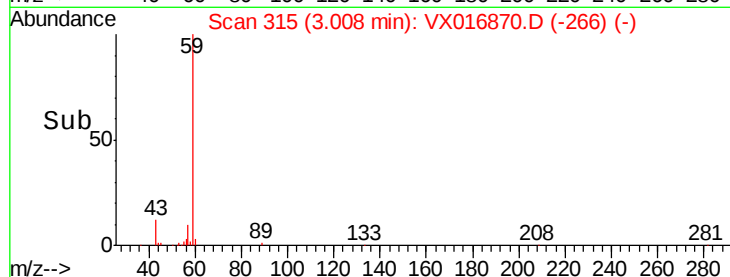
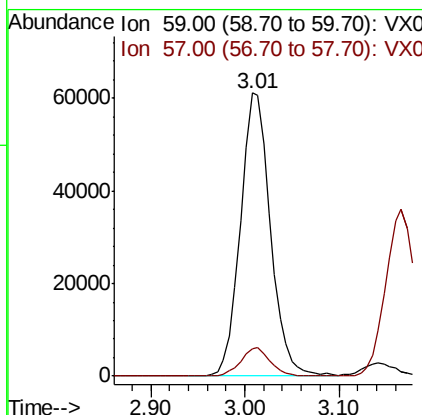
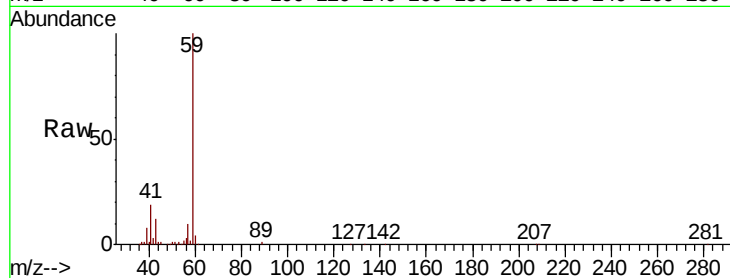




#11
Tert butyl alcohol
Concen: 246.171 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

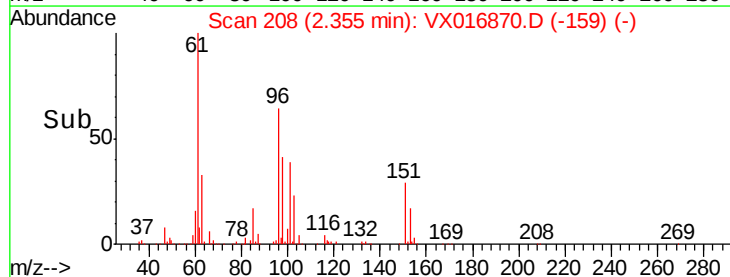
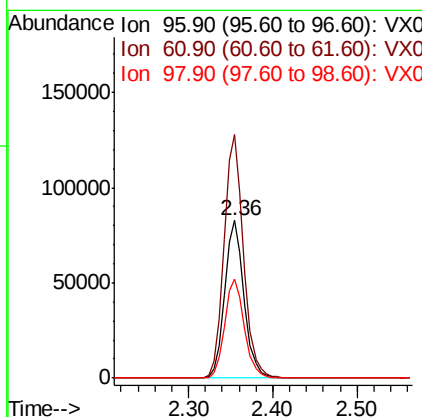
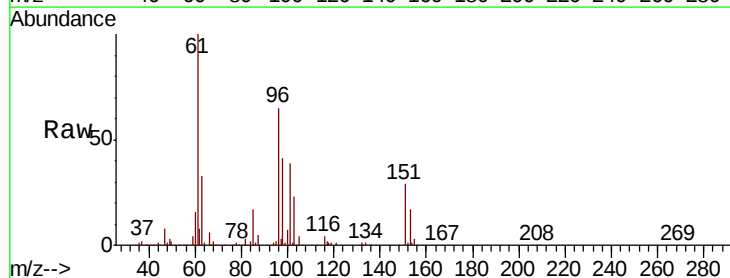
Instrument :
MSVOA_X
ClientSampleId :

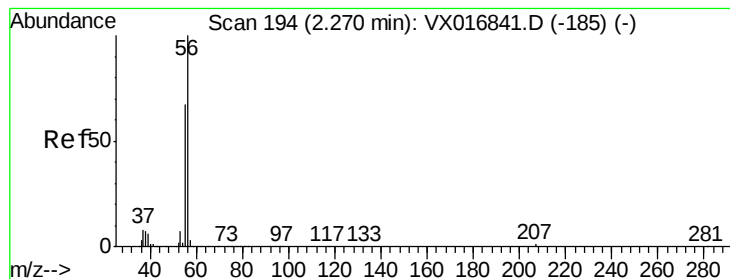
Tot Ion: 59 Resp: 136668
Ion Ratio Lower Upper
59 100
57 9.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 44.678 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion: 96 Resp: 130372
Ion Ratio Lower Upper
96 100
61 154.8 121.7 182.5
98 62.9 51.1 76.7





#13

Acrolein

Concen: 207.400 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

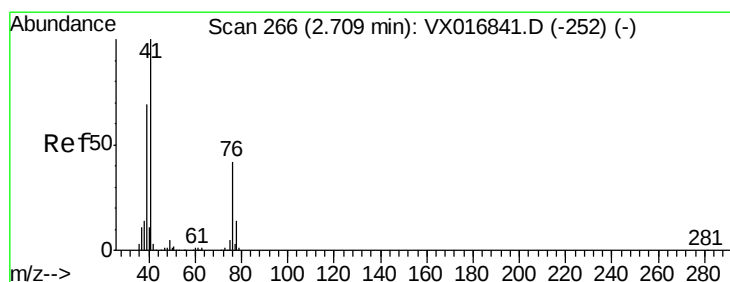
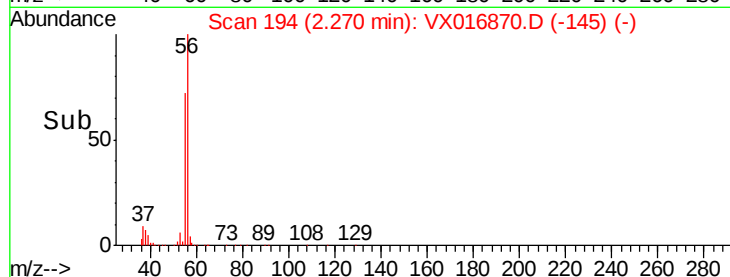
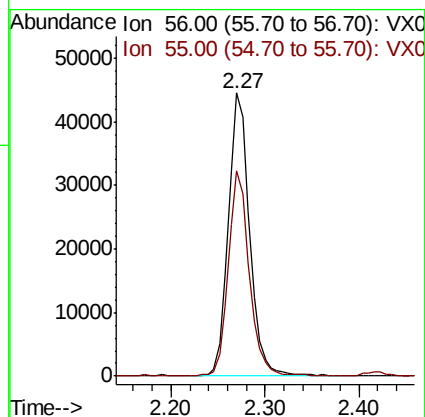
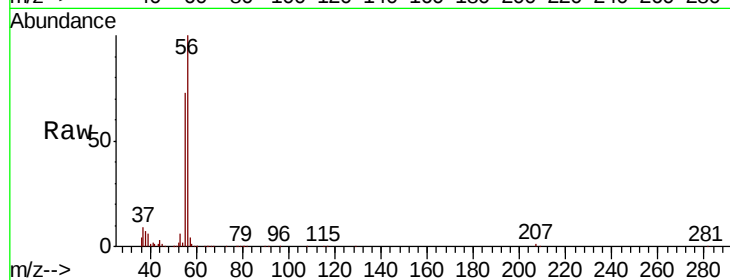
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 69811

Ion Ratio Lower Upper

56 100

55 71.2 55.7 83.5



#14

Allyl chloride

Concen: 45.202 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

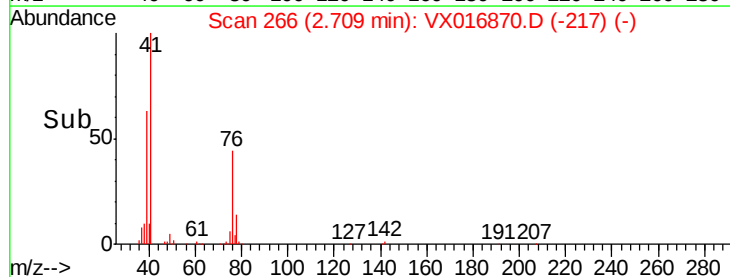
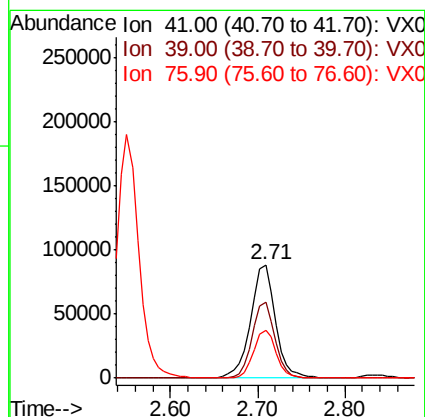
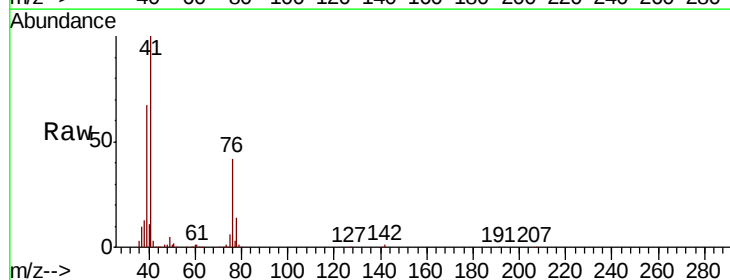
Tgt Ion: 41 Resp: 174471

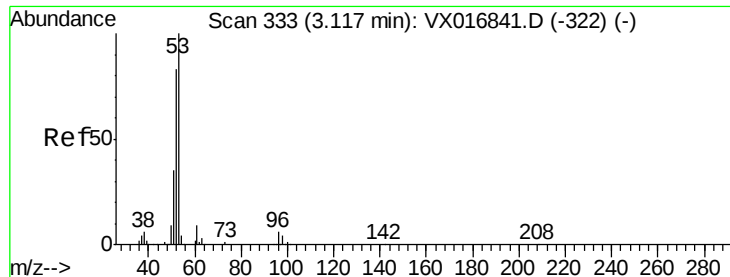
Ion Ratio Lower Upper

41 100

39 61.5 50.7 76.1

76 38.1 30.9 46.3





#15

Acrylonitrile

Concen: 239.294 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

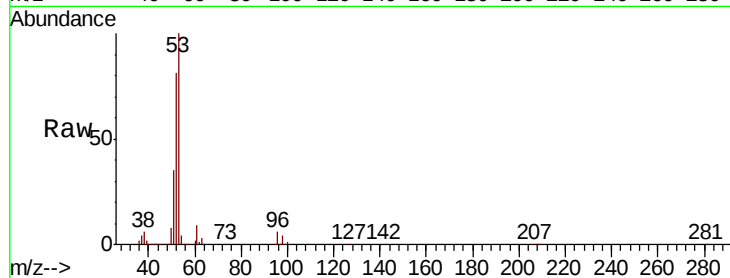
Tot Ion: 53 Resp: 304439

Ion Ratio Lower Upper

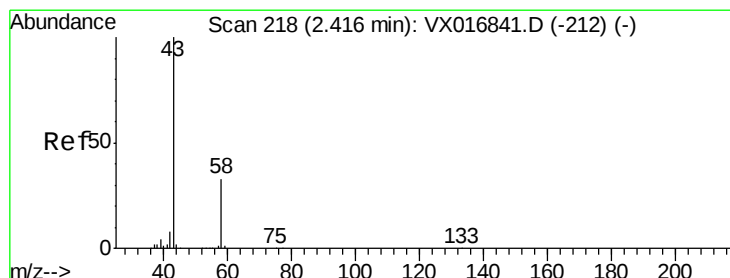
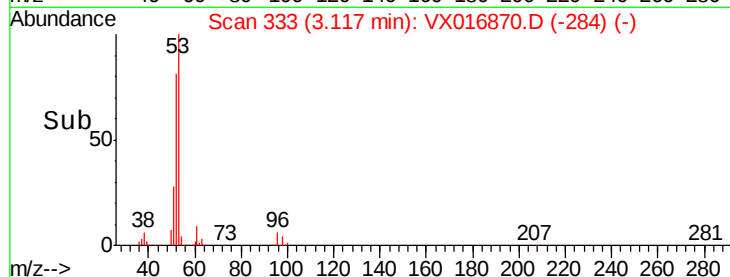
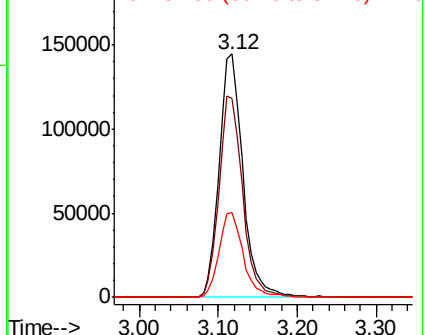
53 100

52 82.0 66.2 99.2

51 35.8 28.7 43.1



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: 244.951 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016870.D

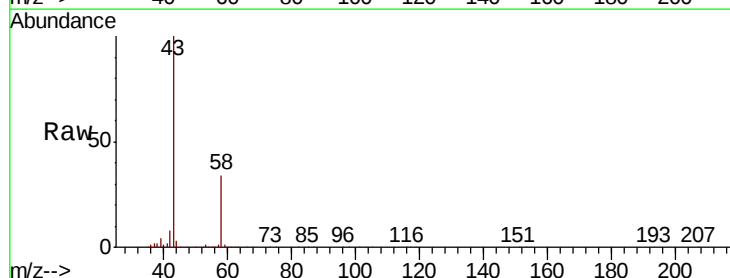
Acq: 19 Jun 2020 04:04

Tgt Ion: 43 Resp: 252248

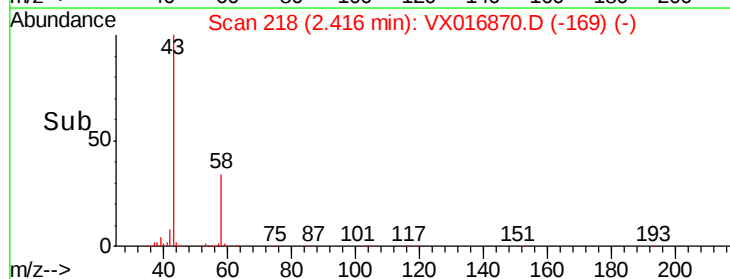
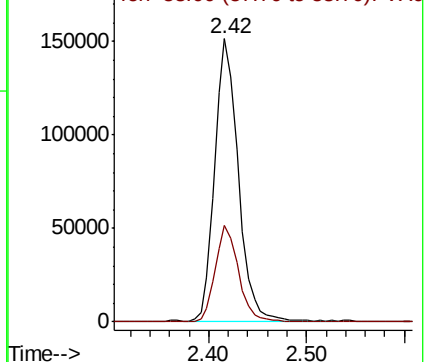
Ion Ratio Lower Upper

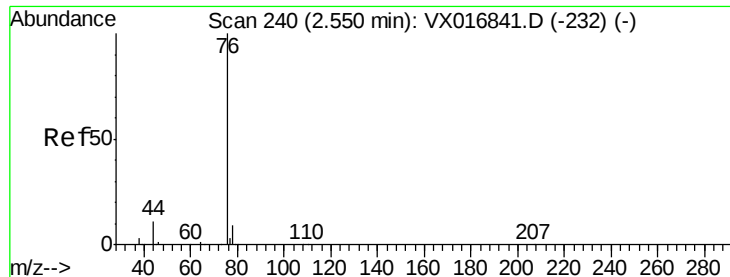
43 100

58 34.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.359 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

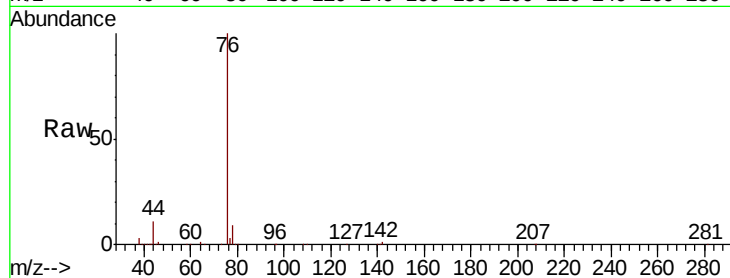
ClientSampleId :

Tot Ion: 76 Resp: 326976

Ion Ratio Lower Upper

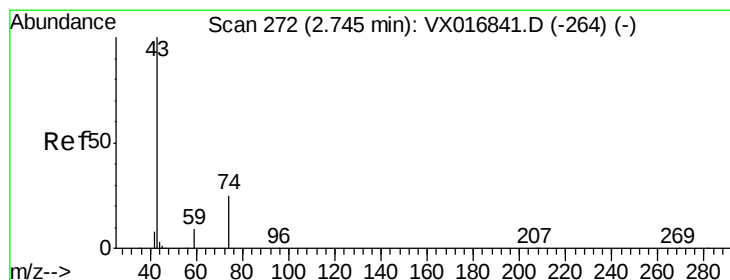
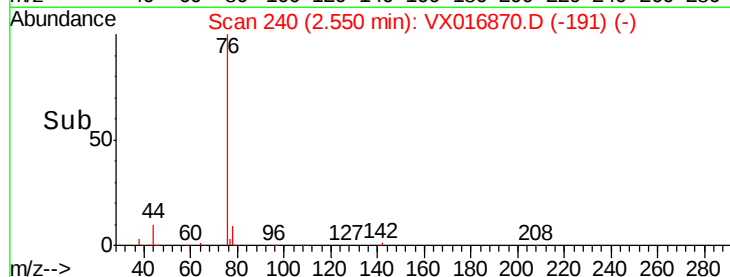
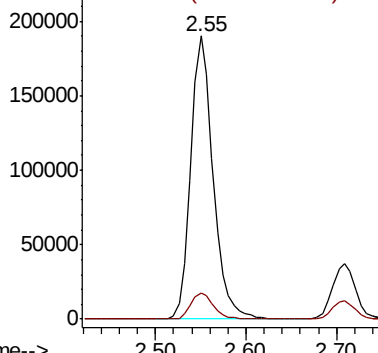
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.877 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016870.D

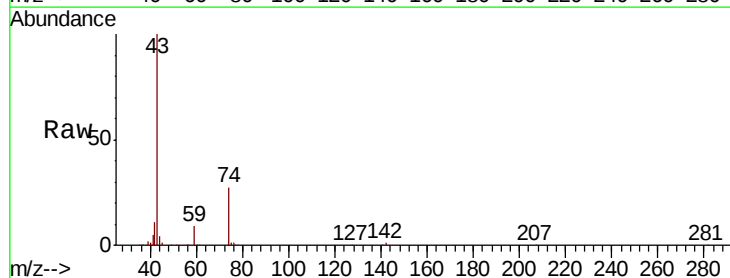
Acq: 19 Jun 2020 04:04

Tgt Ion: 43 Resp: 148174

Ion Ratio Lower Upper

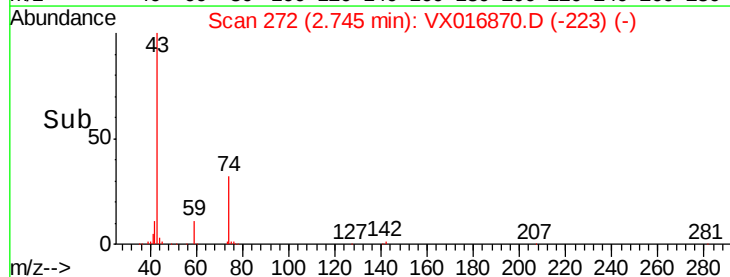
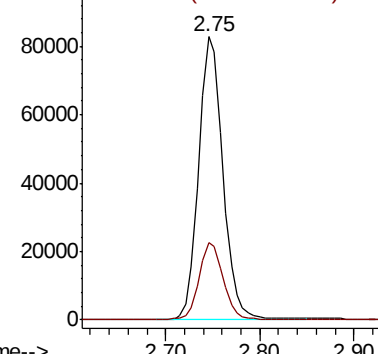
43 100

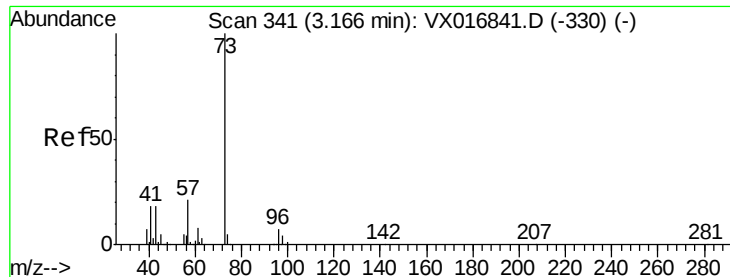
74 27.4 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

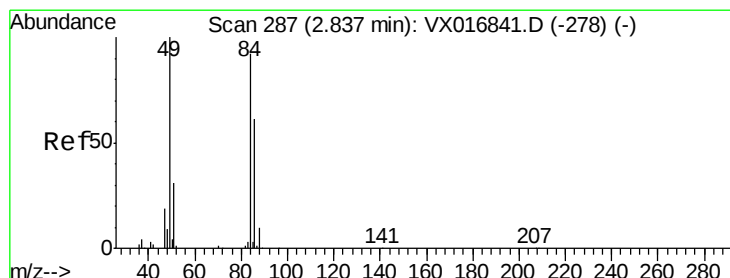
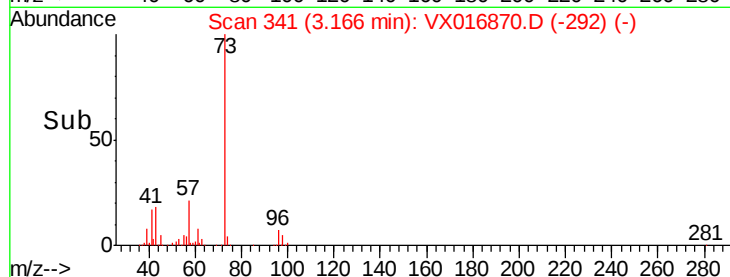
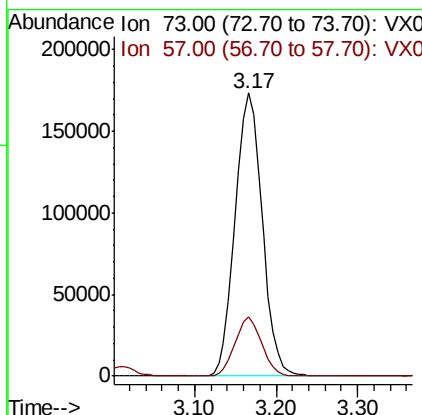
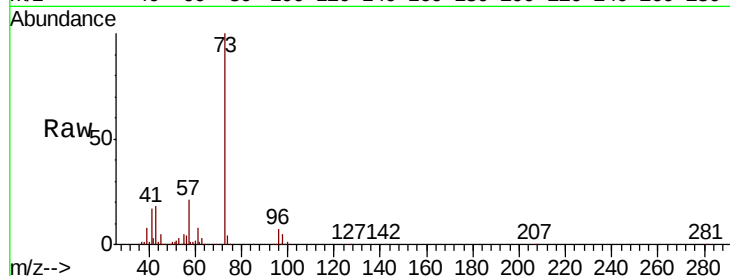




#19
Methvl tert-butvl Ether
Concen: 47.885 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

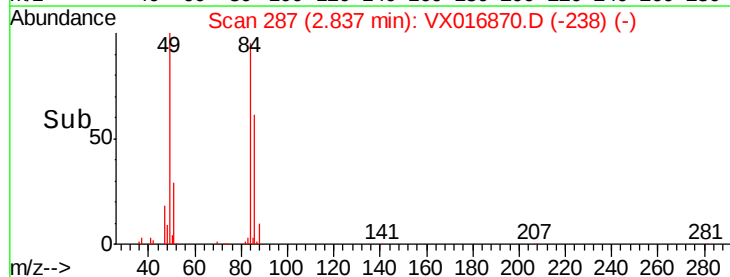
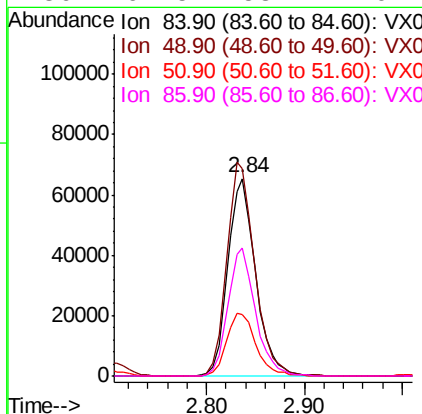
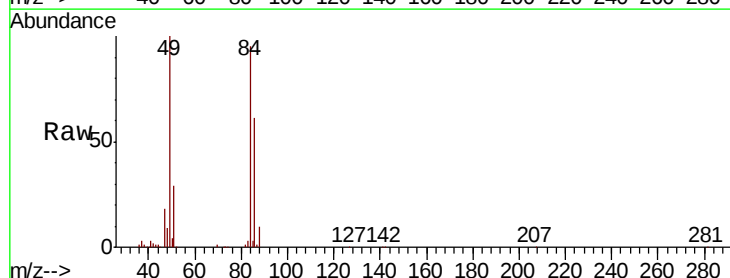
Instrument :
MSVOA_X
ClientSampled :

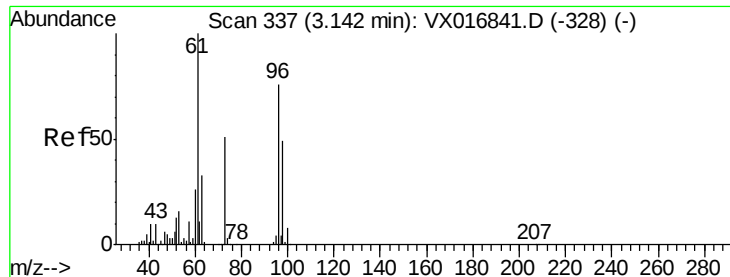
Tot Ion: 73 Resp: 398206
Ion Ratio Lower Upper
73 100
57 20.7 16.9 25.3



#20
Methylene Chloride
Concen: 44.923 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion: 84 Resp: 128431
Ion Ratio Lower Upper
84 100
49 105.3 86.6 129.8
51 31.0 27.1 40.7
86 64.5 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 46.241 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampled :

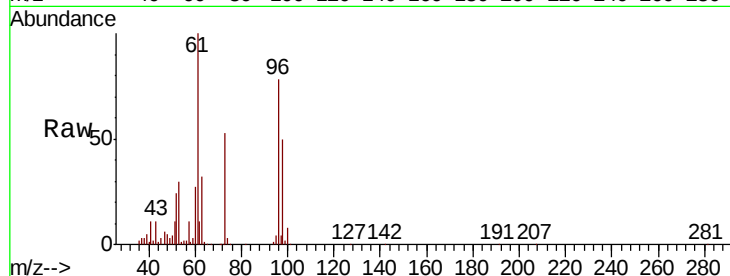
Tot Ion: 96 Resp: 127372

Ion Ratio Lower Upper

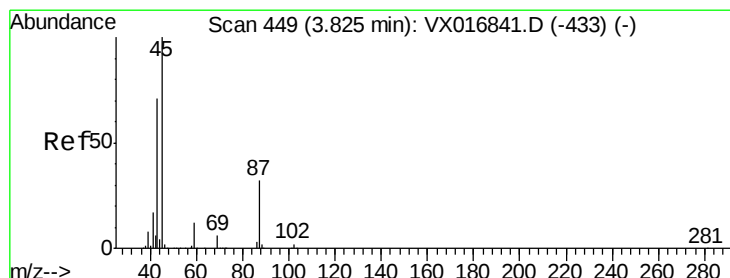
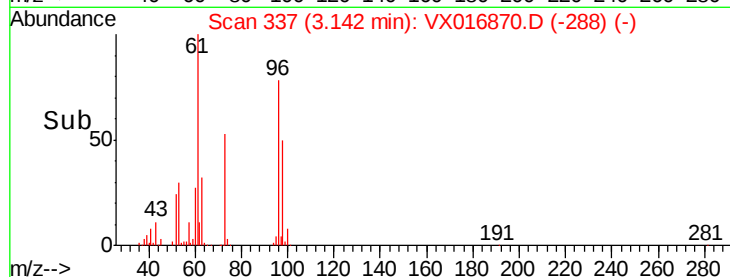
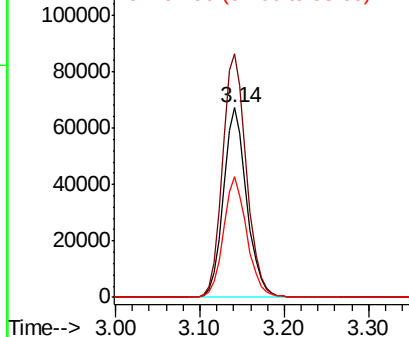
96 100

61 128.3 105.4 158.0

98 63.5 51.3 76.9



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: 47.423 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Tgt Ion: 45 Resp: 350708

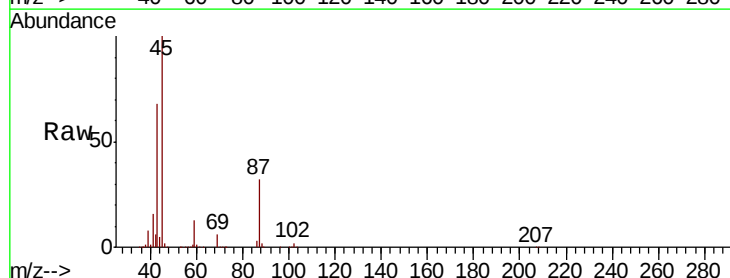
Ion Ratio Lower Upper

45 100

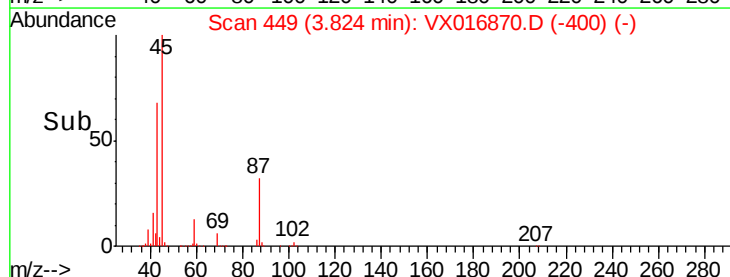
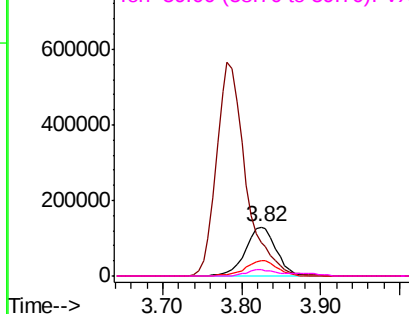
43 67.5 57.0 85.4

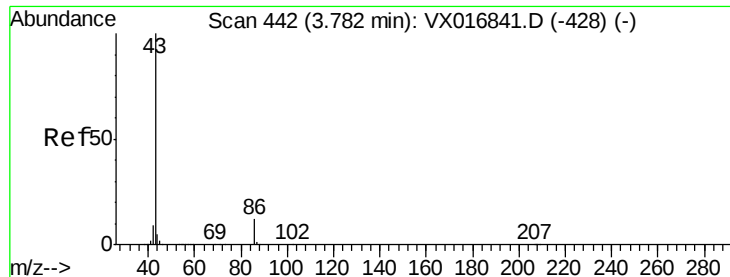
87 32.3 25.2 37.8

59 12.7 9.9 14.9



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: 239.706 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

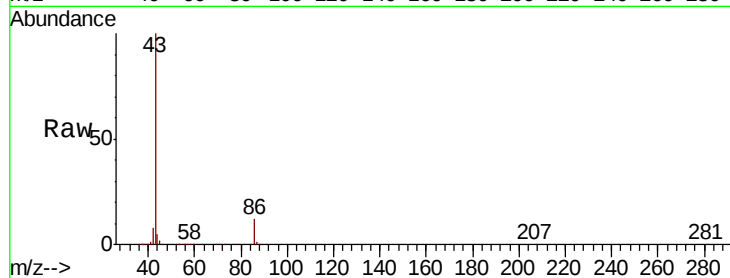
ClientSampleId :

Tot Ion: 43 Resp: 1461736

Ion Ratio Lower Upper

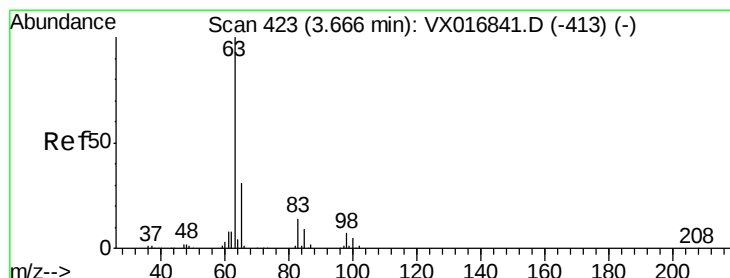
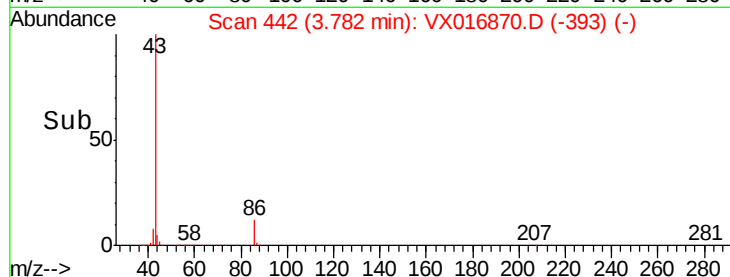
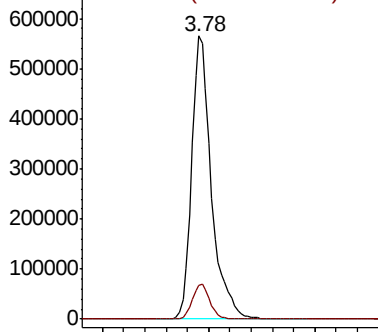
43 100

86 12.1 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.505 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

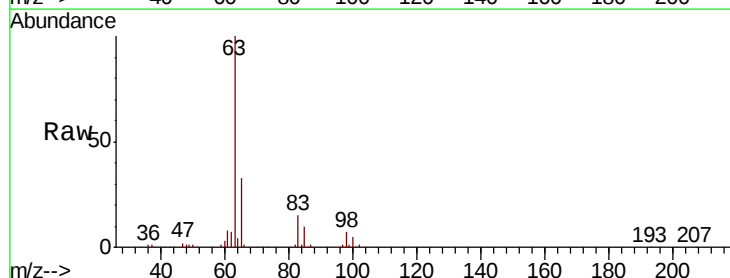
Tgt Ion: 63 Resp: 214825

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

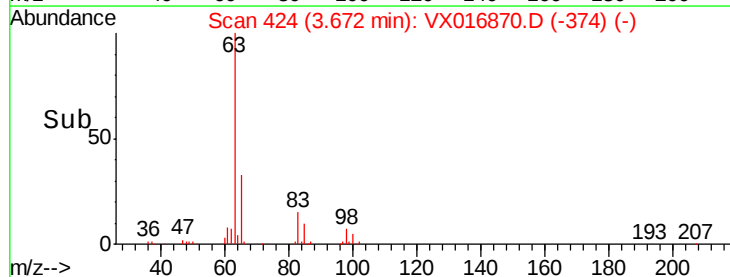
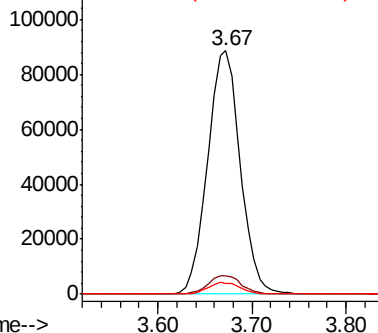
100 4.6 2.4 7.1

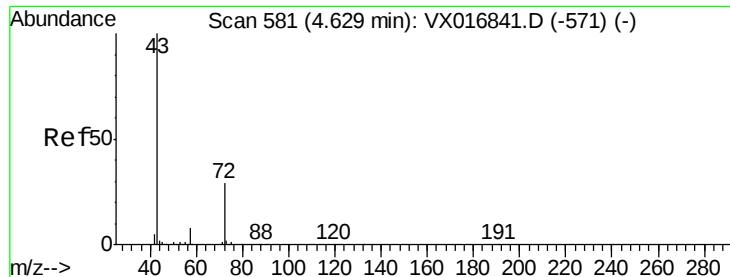


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 235.985 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

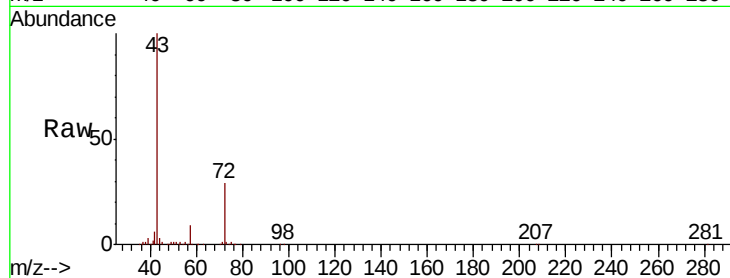
ClientSampleId :

Tot Ion: 43 Resp: 387189

Ion Ratio Lower Upper

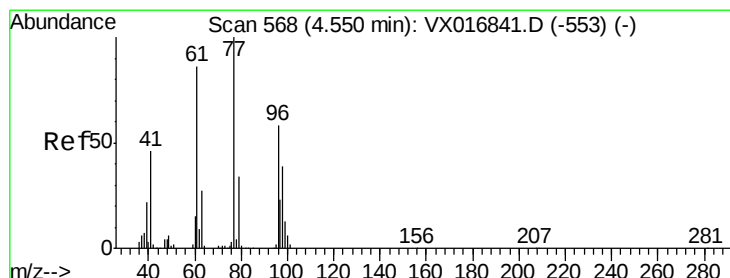
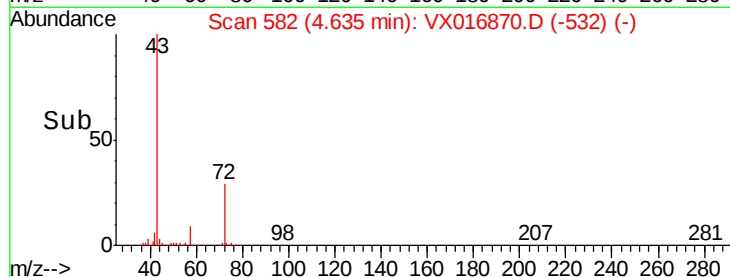
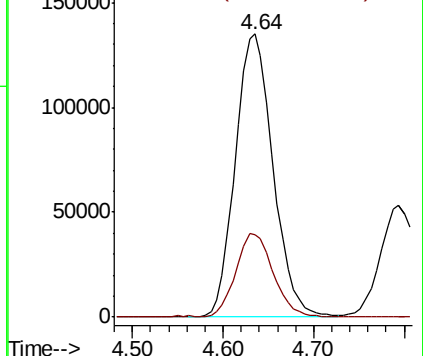
43 100

72 29.1 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.423 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016870.D

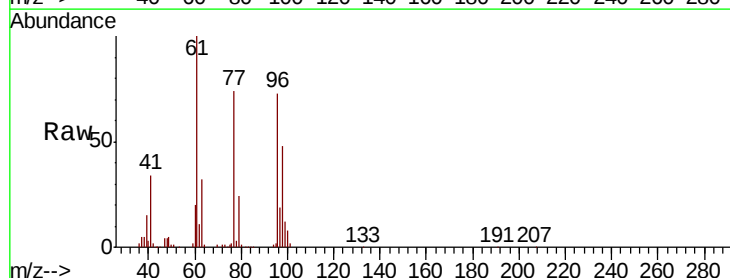
Acq: 19 Jun 2020 04:04

Tgt Ion: 77 Resp: 157635

Ion Ratio Lower Upper

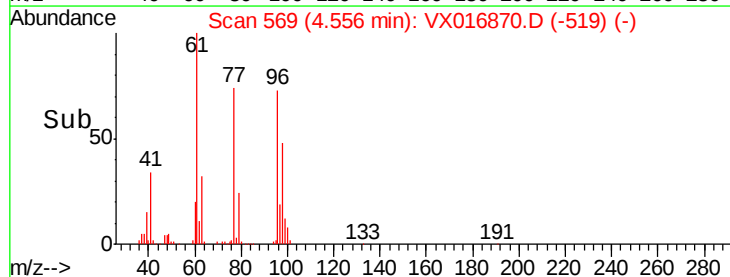
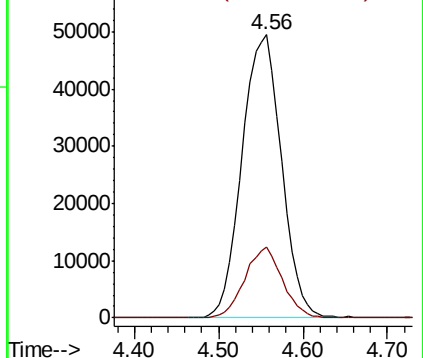
77 100

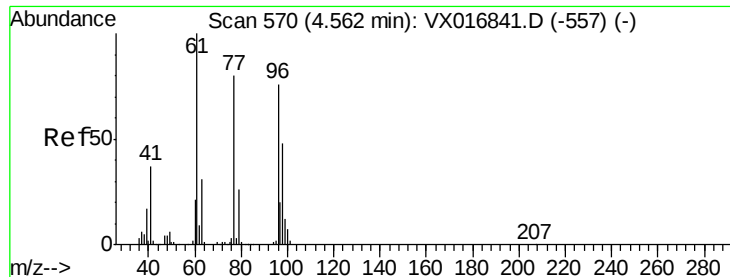
97 23.8 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



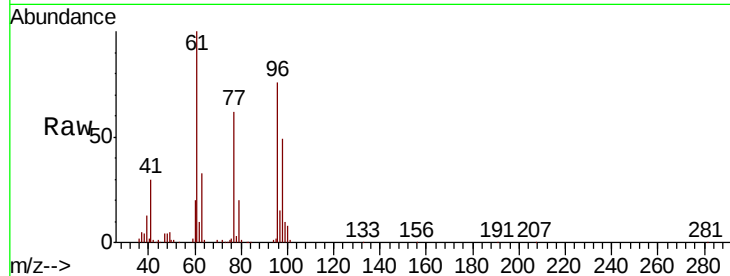


#27

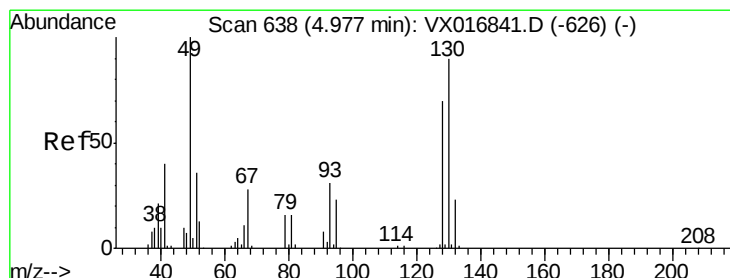
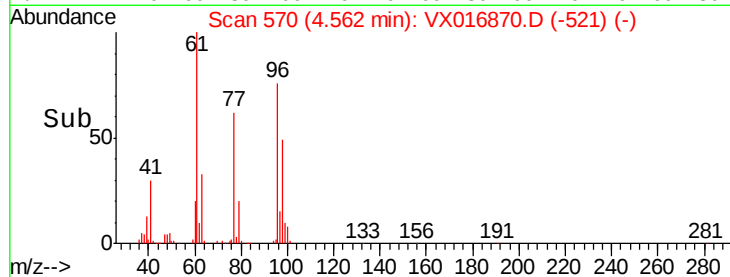
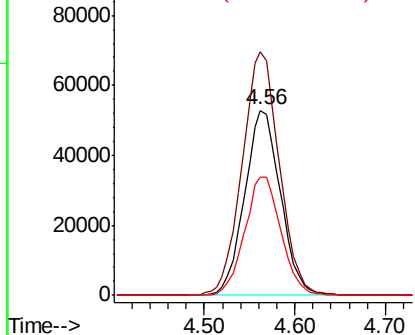
cis-1,2-Dichloroethene
 Concen: 46.761 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	273.8
98	64.9	0.0	129.0



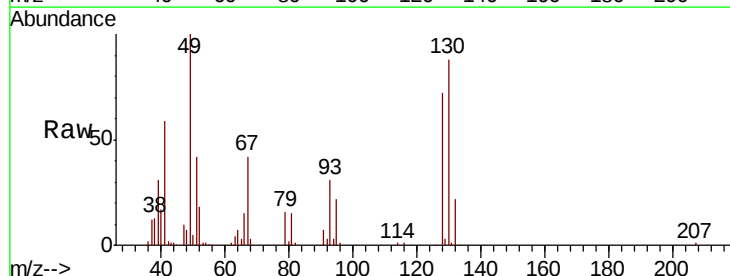
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



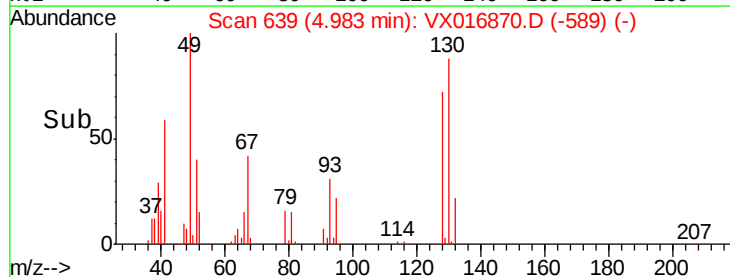
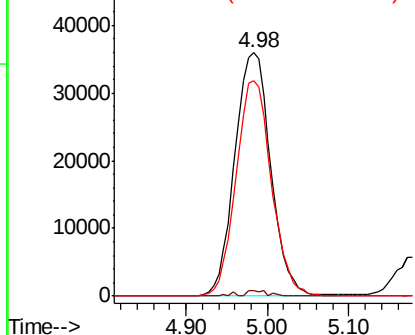
#28

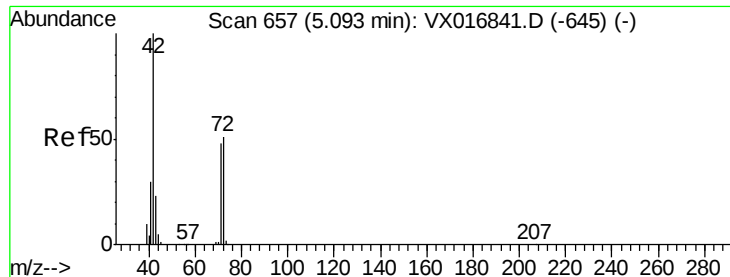
Bromochloromethane
 Concen: 57.473 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	5.0
130	86.9	76.8	115.2



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

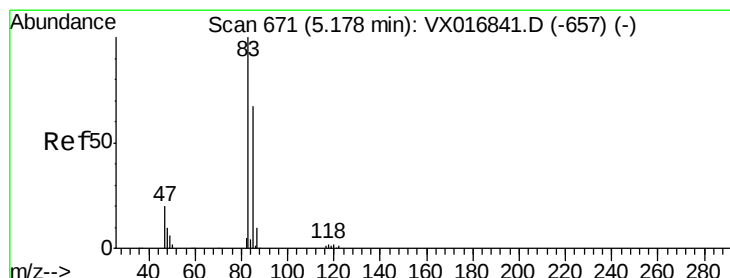
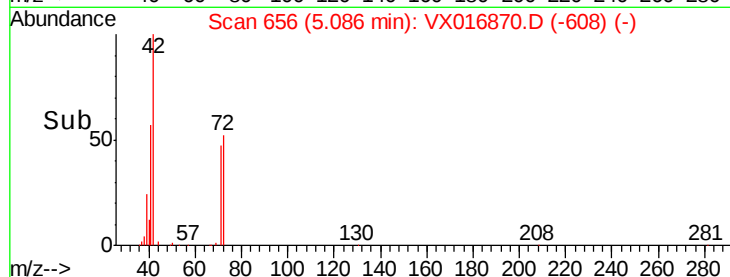
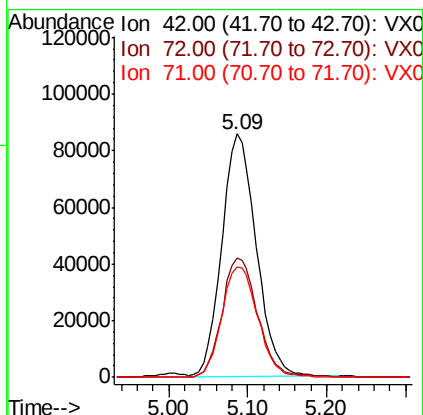
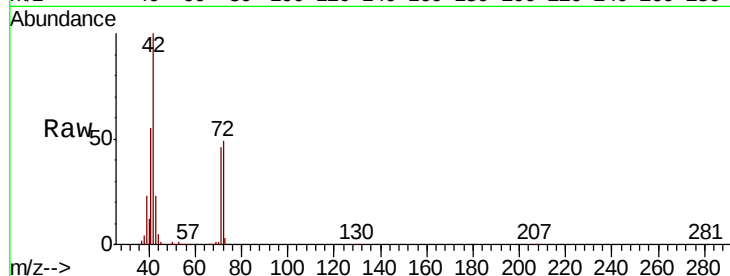




#29
Tetrahydrofuran
Concen: 252.574 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

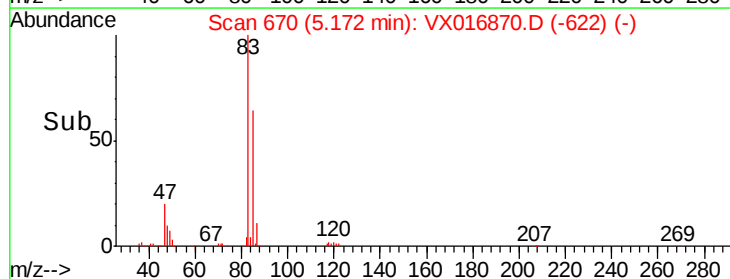
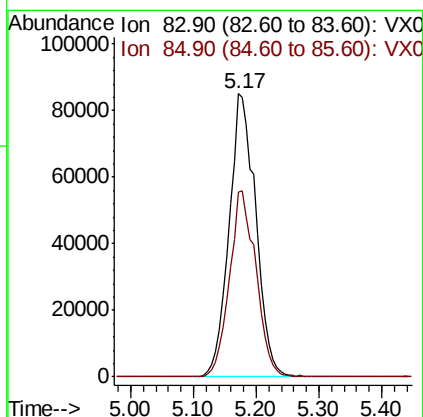
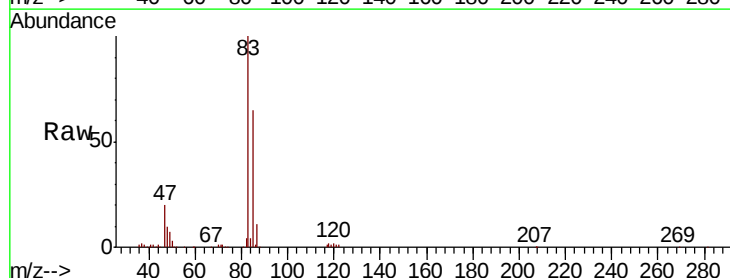
Instrument :
MSVOA_X
ClientSampleId :

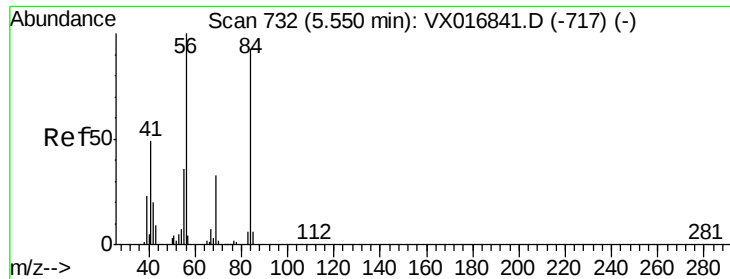
Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	41.1	61.7
71	47.6	38.4	57.6



#30
Chloroform
Concen: 51.364 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.4	80.0

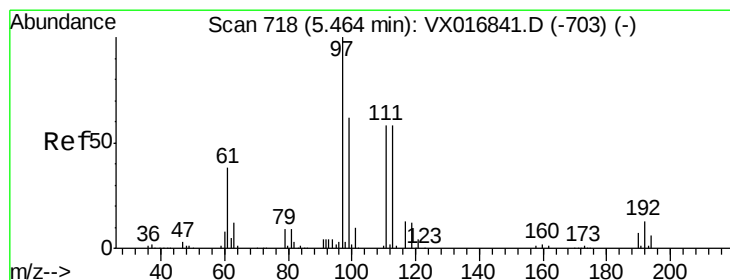
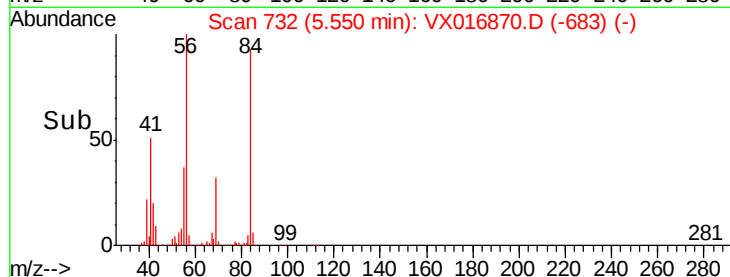
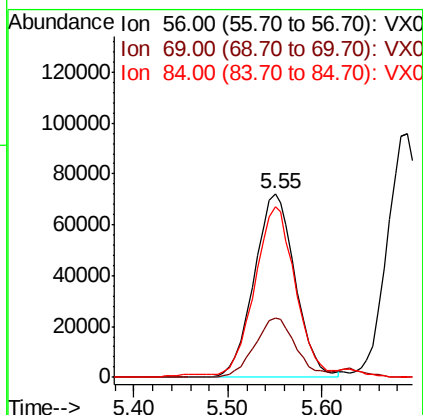
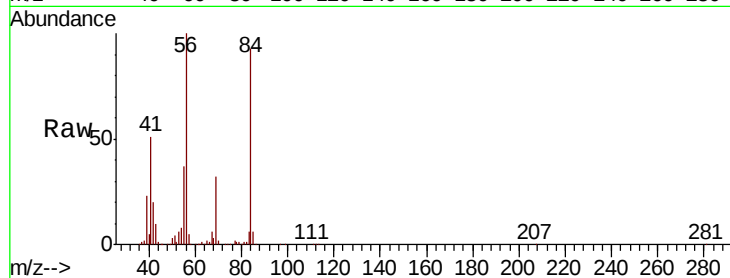




#31
Cyclohexane
Concen: 54.160 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

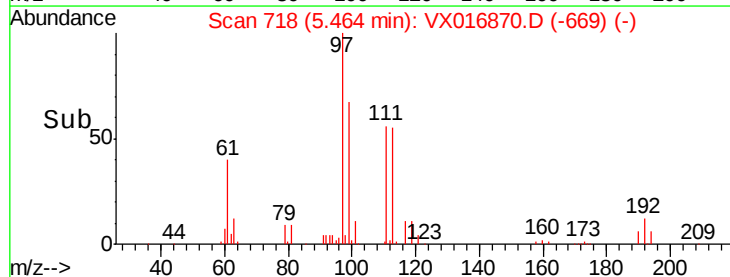
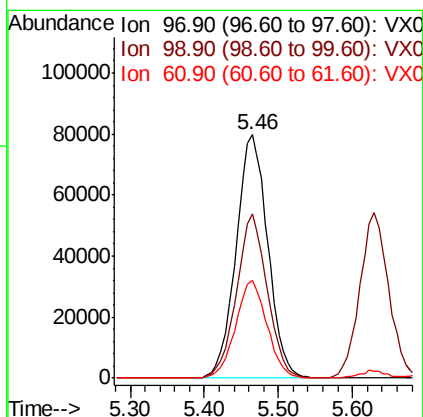
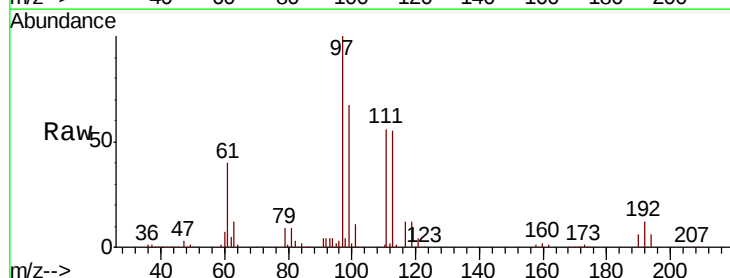
Instrument :
MSVOA_X
ClientSampleId :

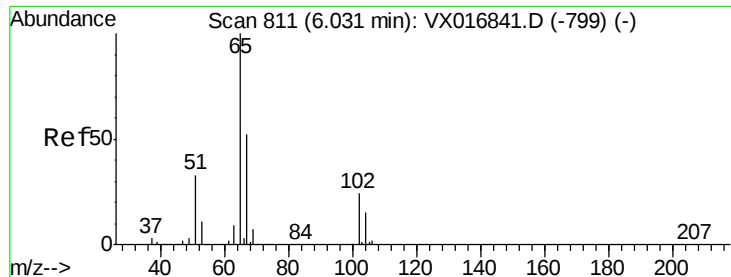
Tot Ion: 56 Resp: 219953
Ion Ratio Lower Upper
56 100
69 32.1 26.1 39.1
84 91.2 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 51.701 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion: 97 Resp: 238643
Ion Ratio Lower Upper
97 100
99 65.2 51.3 76.9
61 39.9 31.3 46.9

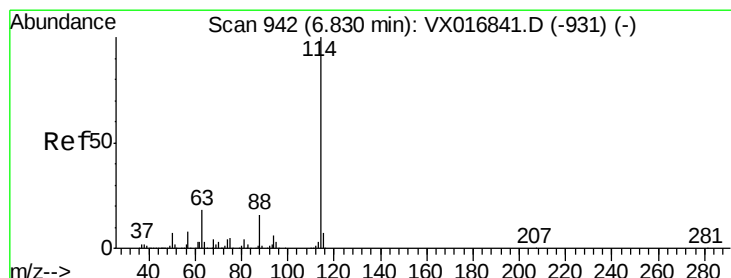
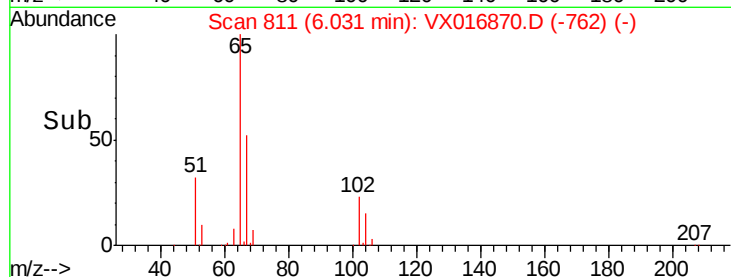
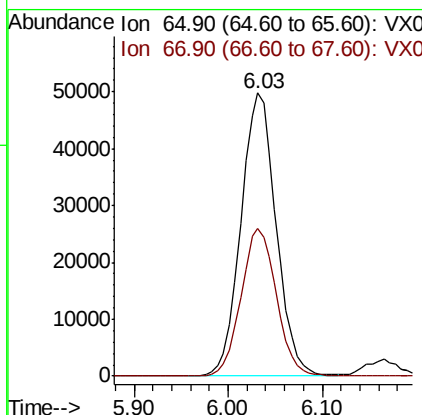
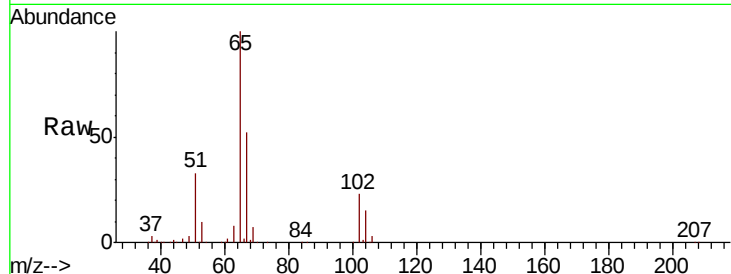




#33
 1,2-Dichloroethane-d4
 Concen: 39.664 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

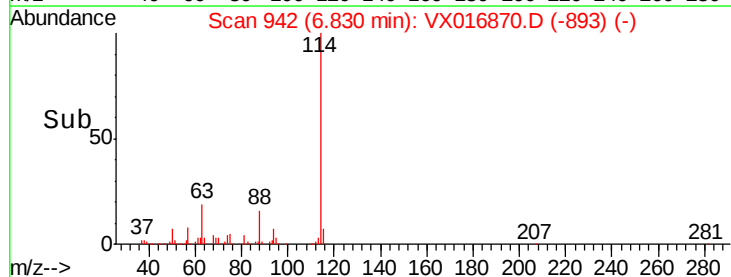
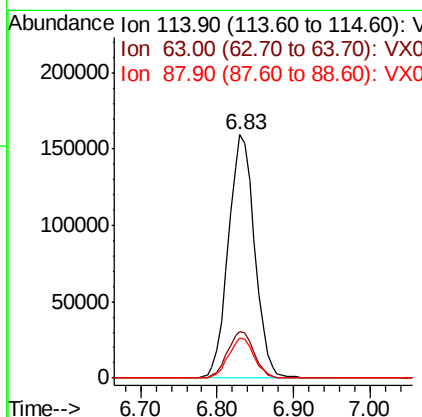
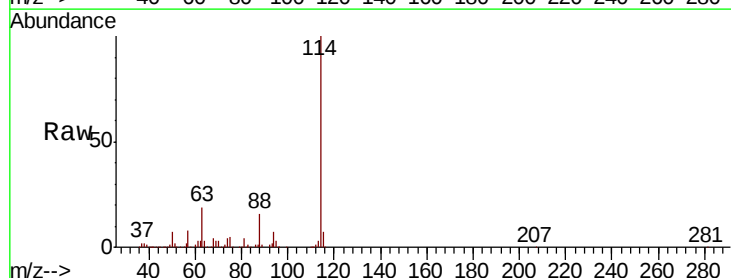
Instrument :
 MSVOA_X
 ClientSampled :

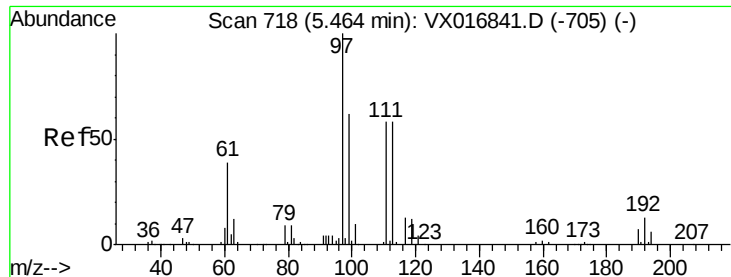
Tot Ion: 65 Resp: 130258
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion: 114 Resp: 378561
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.0
 88 16.4 0.0 32.0

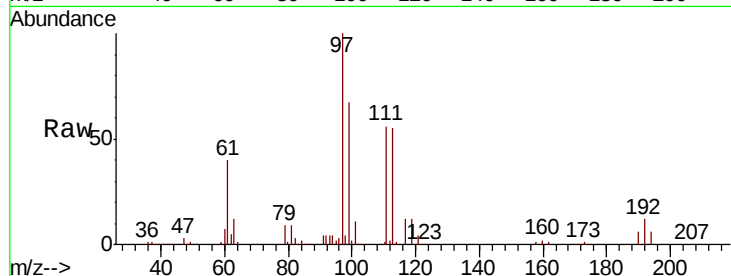




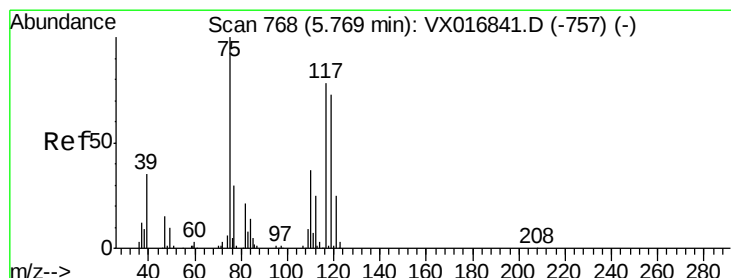
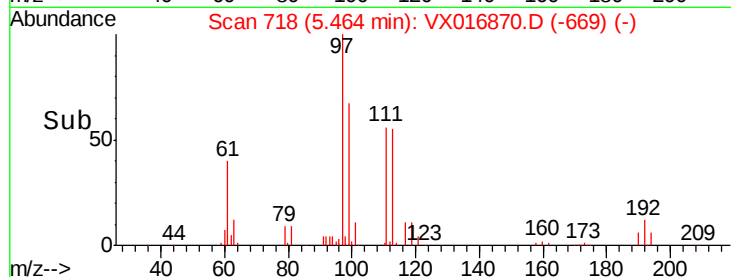
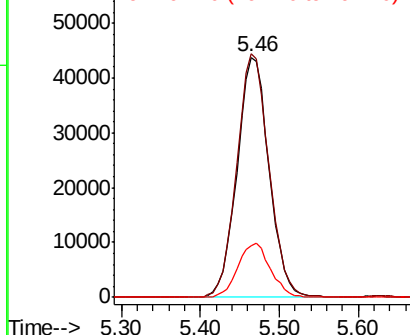
#35
Dibromofluoromethane
Concen: 51.047 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.0	121.4
192	22.7	18.5	27.7

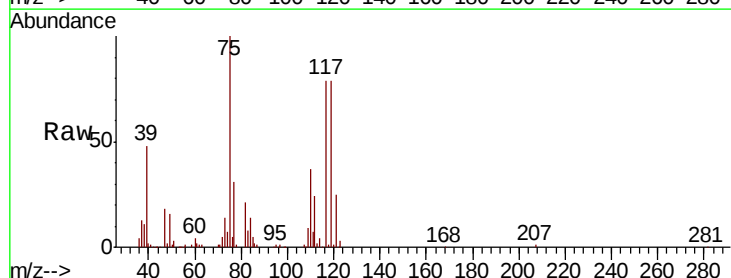


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

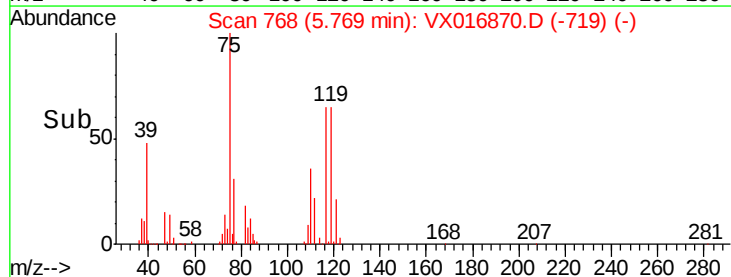
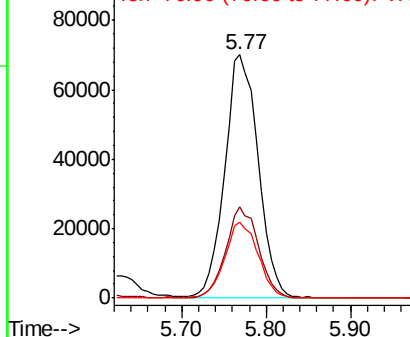


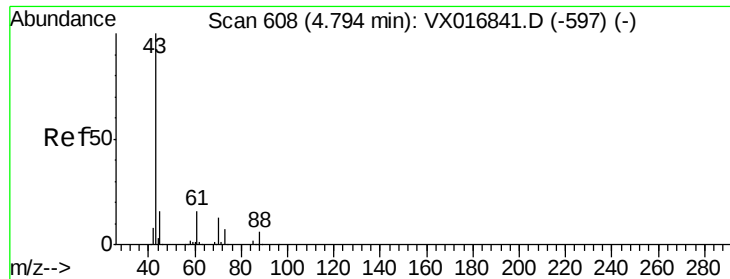
#36
1,1-Dichloropropene
Concen: 53.709 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.9	56.9
77	31.2	25.6	38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

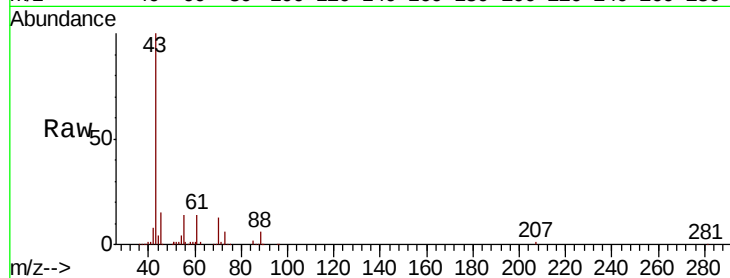




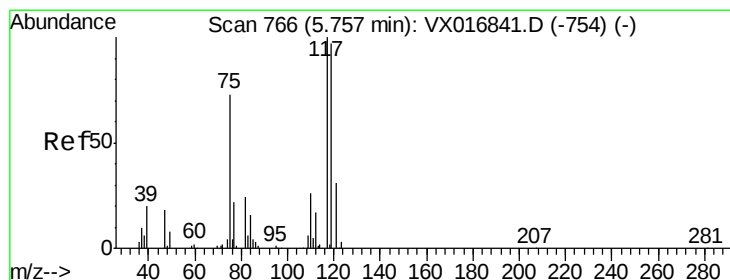
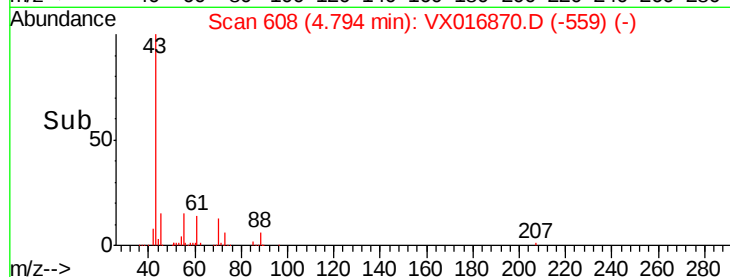
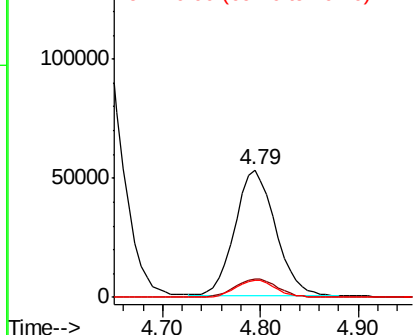
#37
Ethyl Acetate
Concen: 49.620 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 153245
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.2
70 13.4 10.5 15.7

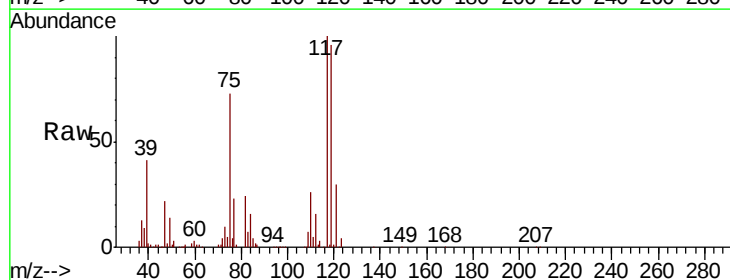


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

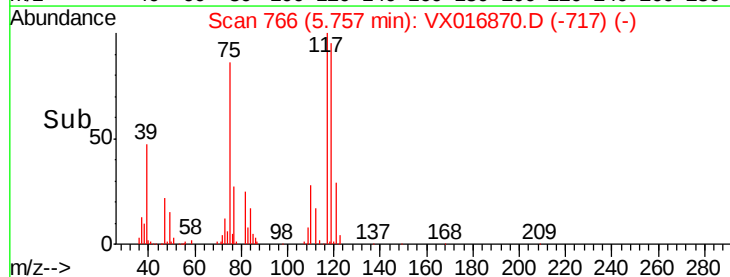
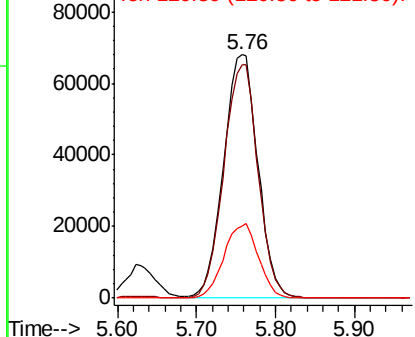


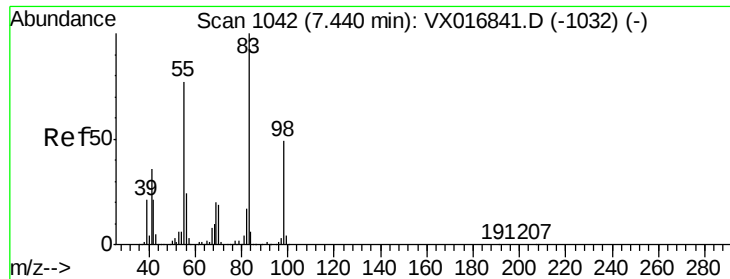
#38
Carbon Tetrachloride
Concen: 52.494 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion: 117 Resp: 205881
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.2
121 29.7 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

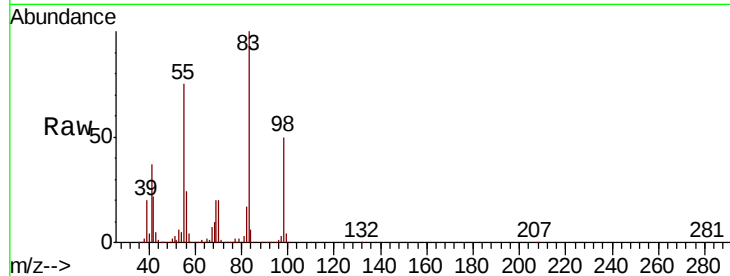




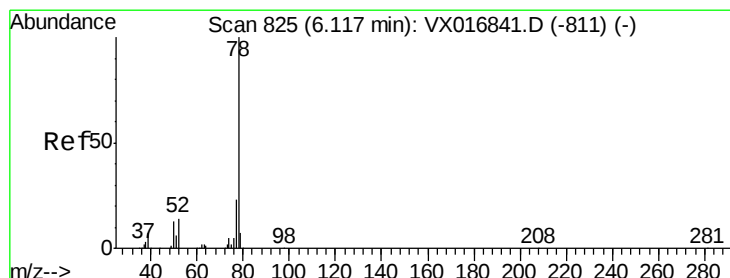
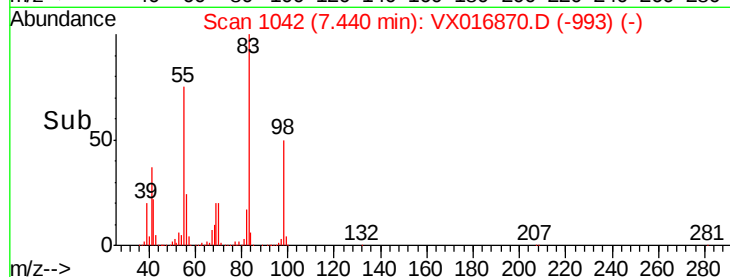
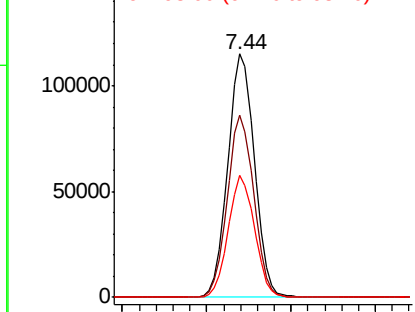
#39
Methvlcvclohexane
Concen: 60.579 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 246207
Ion Ratio Lower Upper
83 100
55 74.7 61.7 92.5
98 50.2 39.0 58.6

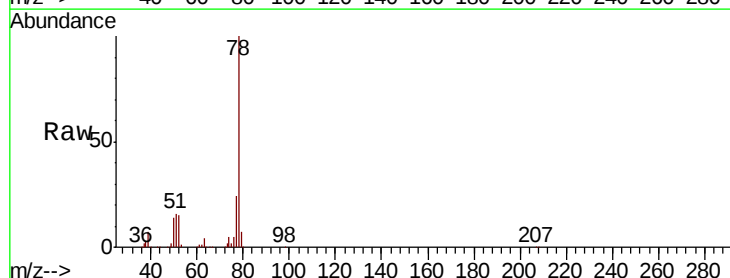


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

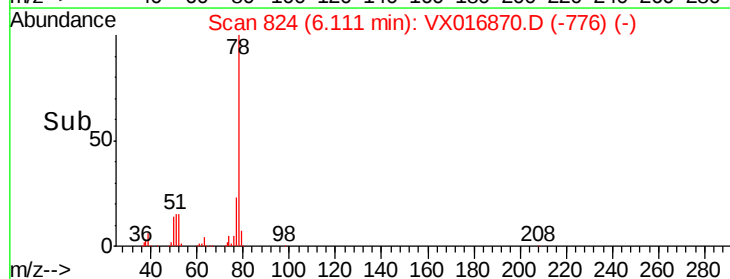
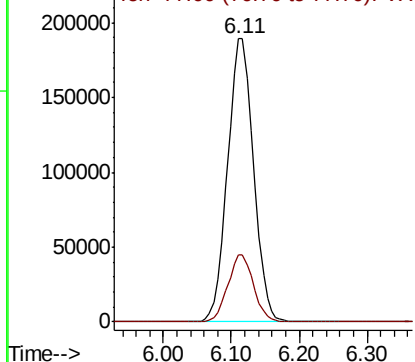


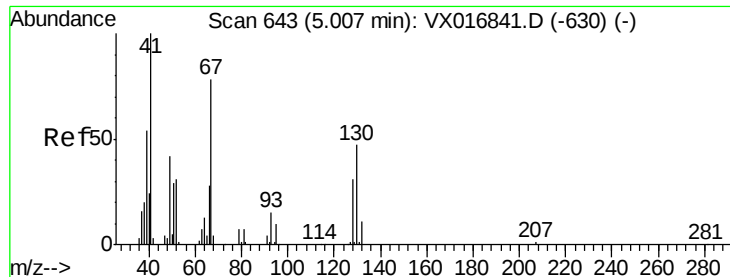
#40
Benzene
Concen: 47.775 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion: 78 Resp: 501067
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



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

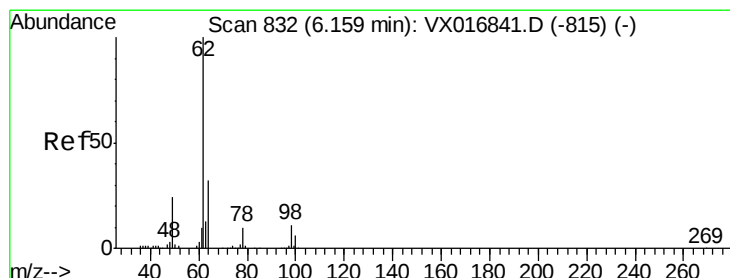
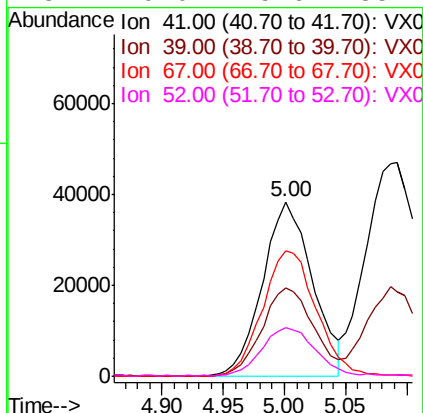
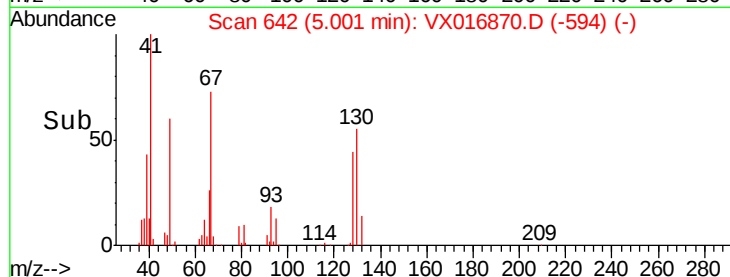
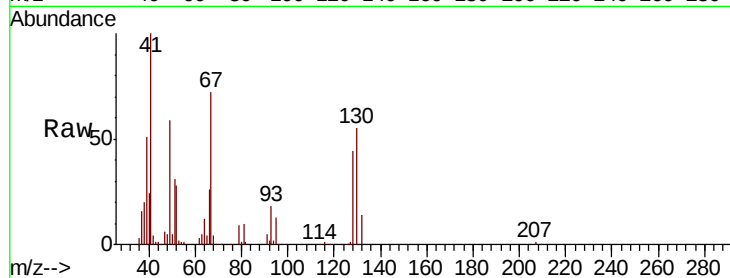




#41
Methacrylonitrile
Concen: 65.030 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

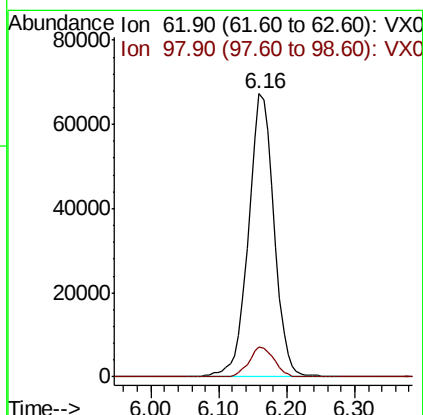
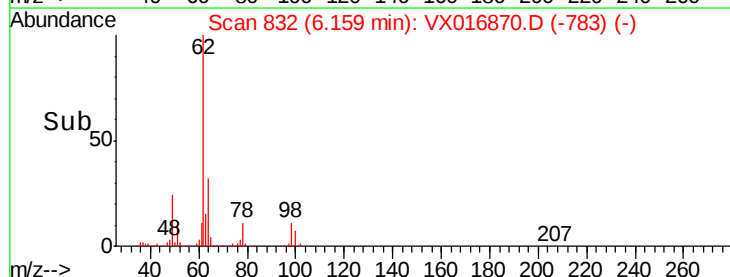
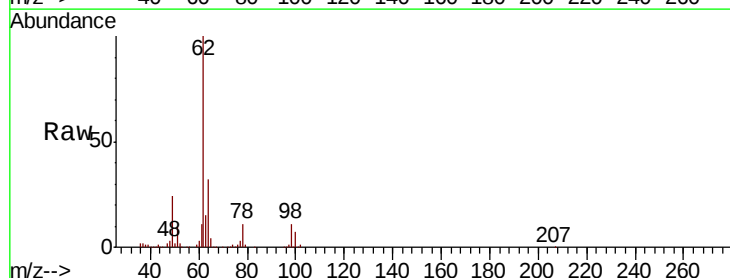
Instrument :
MSVOA_X
ClientSampled :

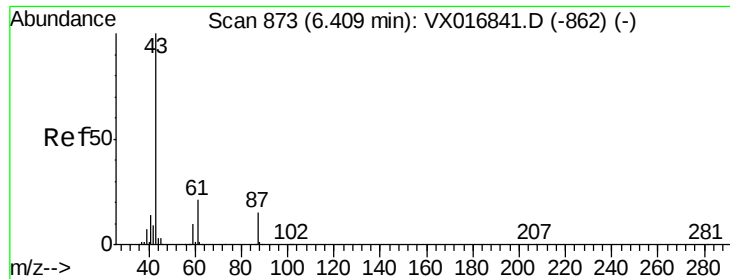
Tot Ion:	41	Resp:	109032
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.6	64.0
67	77.8	64.2	96.2
52	29.0	25.6	38.4



#42
1,2-Dichloroethane
Concen: 47.354 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion:	62	Resp:	176731
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8



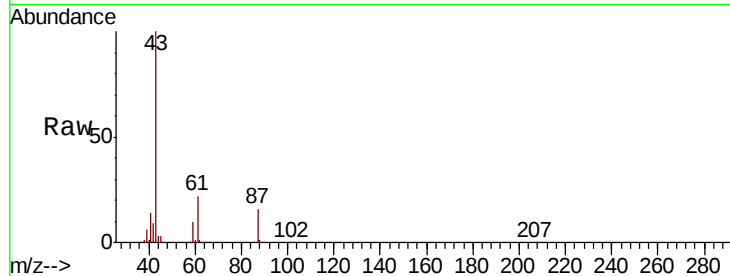


#43

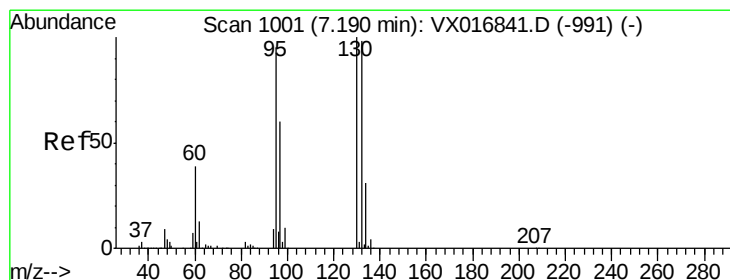
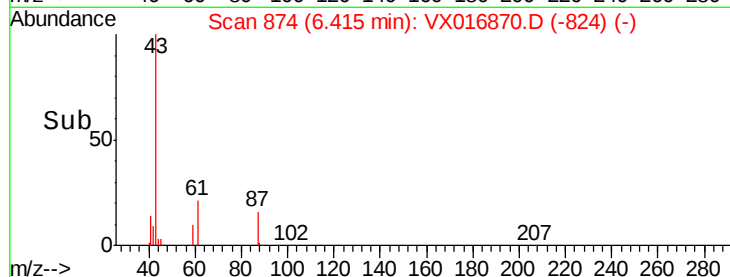
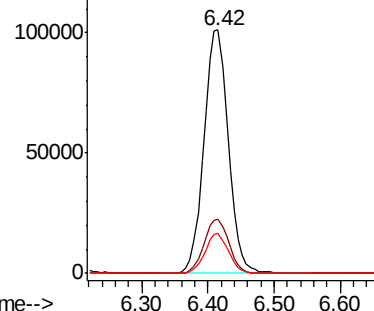
Isopropyl Acetate
 Concen: 47.555 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.7	17.9	26.9
87	15.8	12.4	18.6



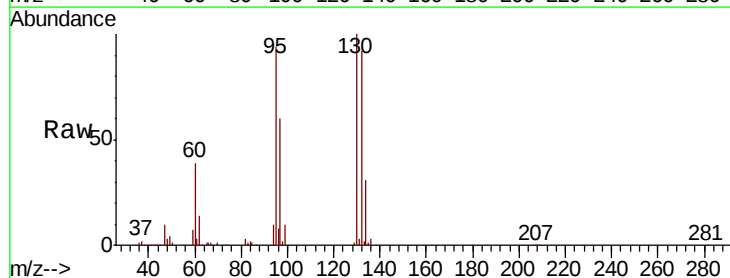
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



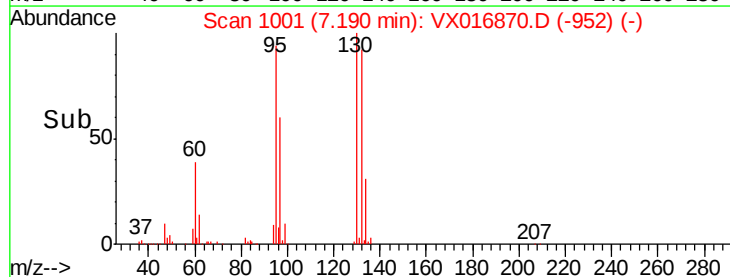
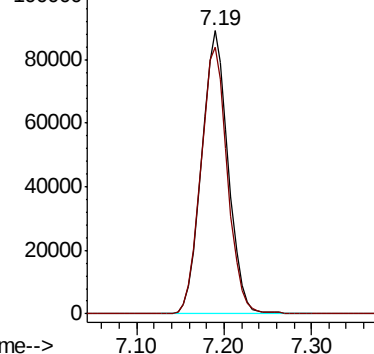
#44

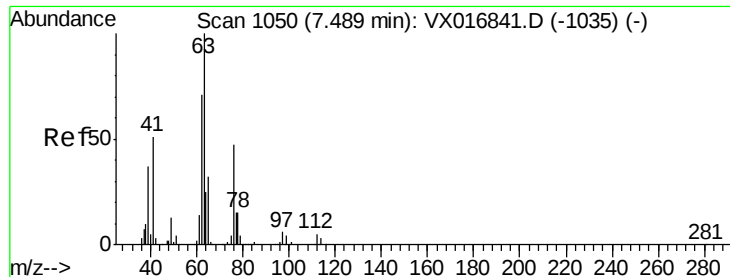
Trichloroethene
 Concen: 58.374 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	190.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 62.659 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

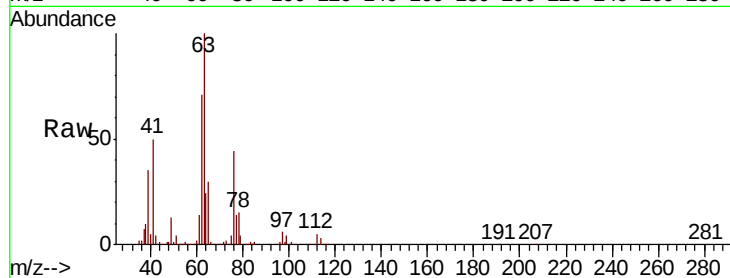
ClientSampleId :

Tot Ion: 63 Resp: 165205

Ion Ratio Lower Upper

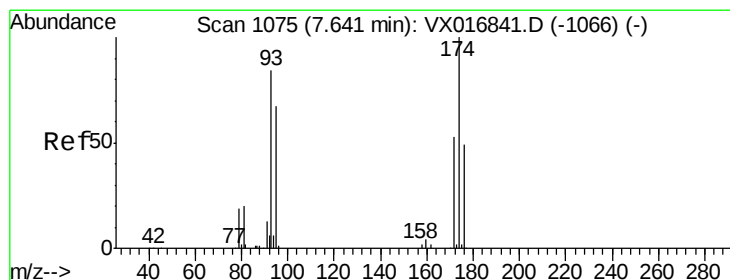
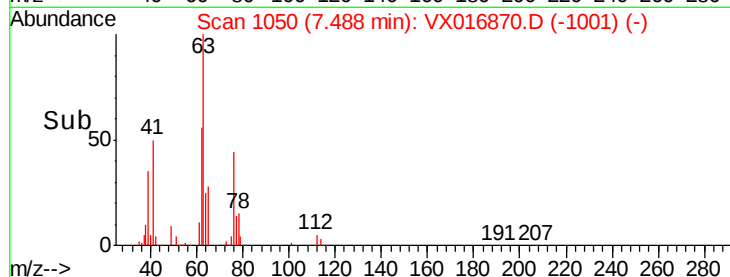
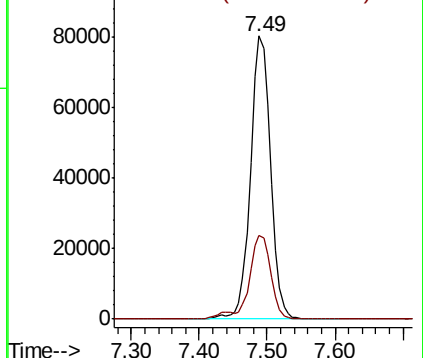
63 100

65 29.7 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 58.577 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

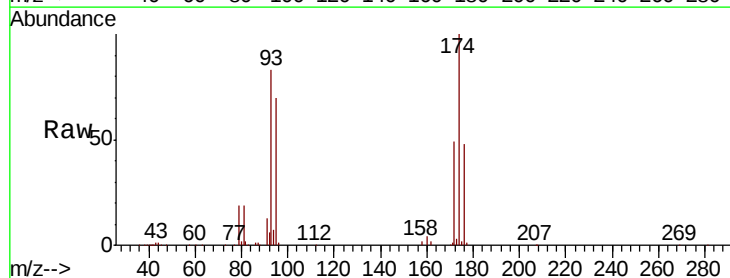
Tgt Ion: 93 Resp: 104737

Ion Ratio Lower Upper

93 100

95 82.9 65.7 98.5

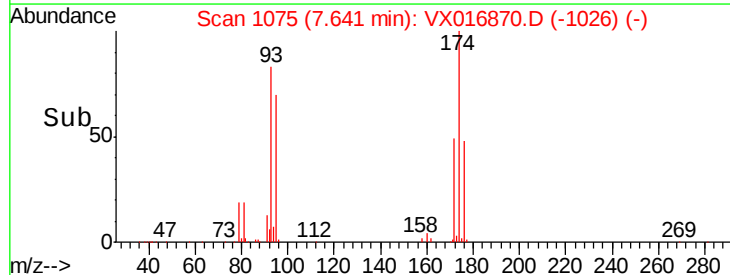
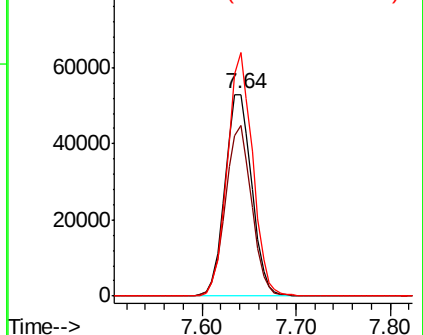
174 114.1 92.8 139.2

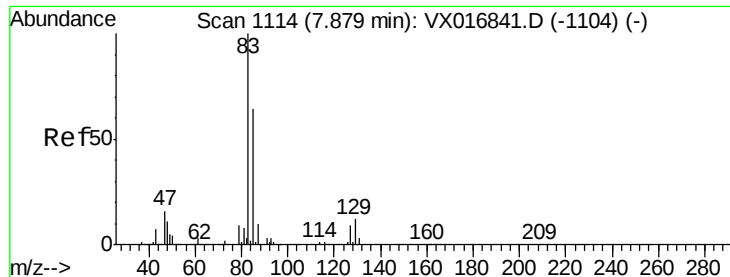


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.750 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

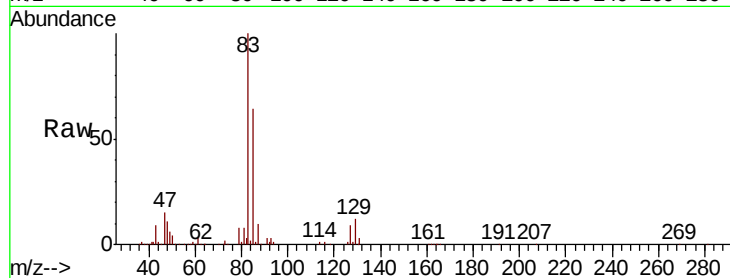
Tot Ion: 83 Resp: 212007

Ion Ratio Lower Upper

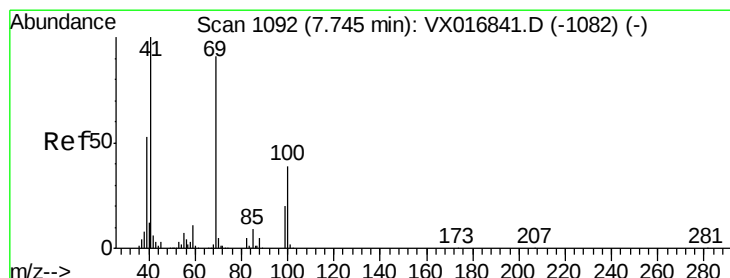
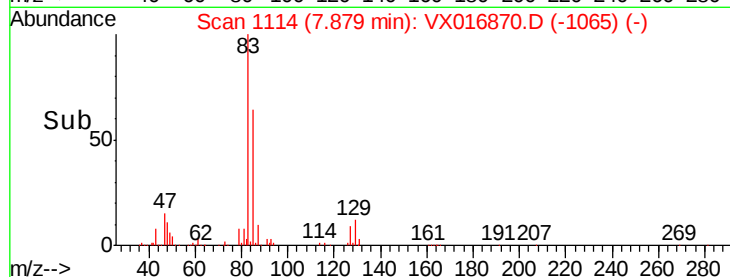
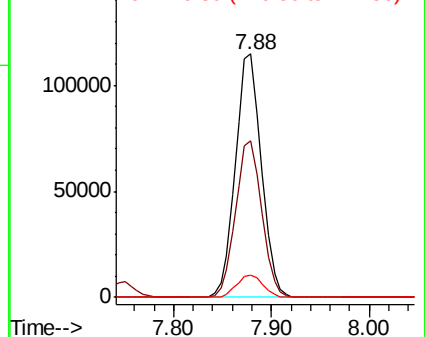
83 100

85 64.4 50.9 76.3

127 8.9 7.4 11.0



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: 61.675 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

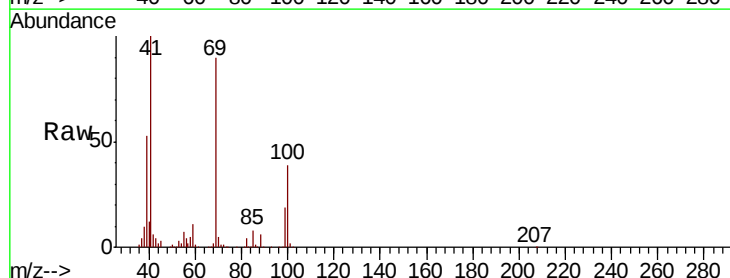
Tgt Ion: 41 Resp: 156628

Ion Ratio Lower Upper

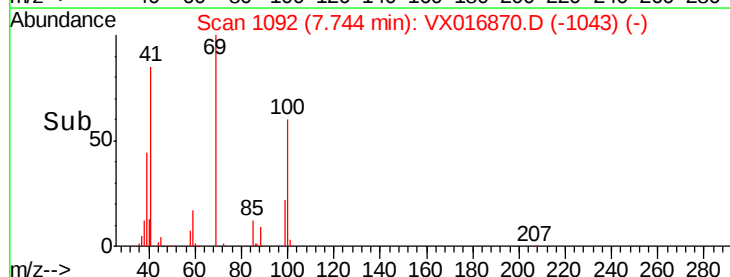
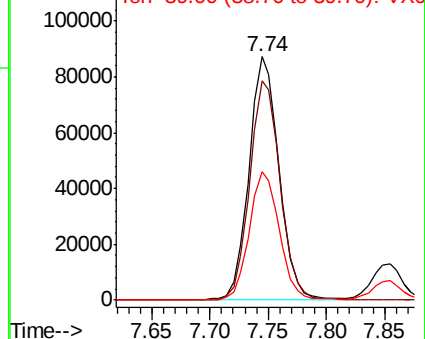
41 100

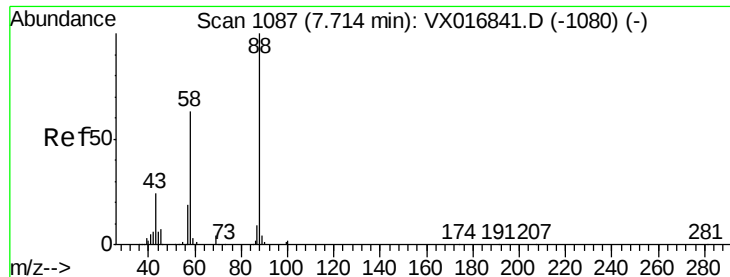
69 91.7 73.3 109.9

39 52.9 42.4 63.6



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: 1313.539 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

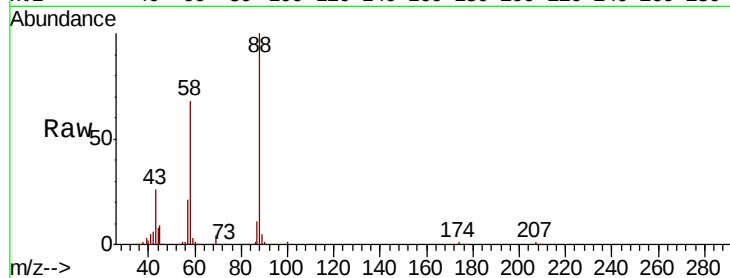
Tot Ion: 88 Resp: 74673

Ion Ratio Lower Upper

88 100

43 28.1 22.7 34.1

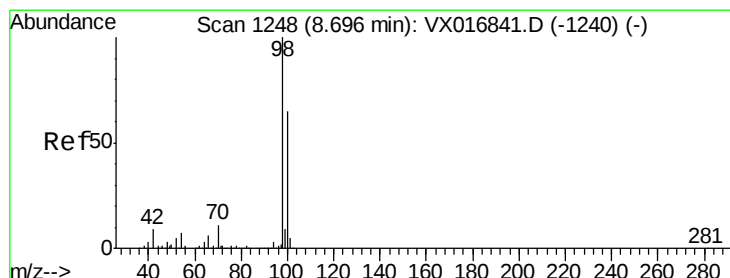
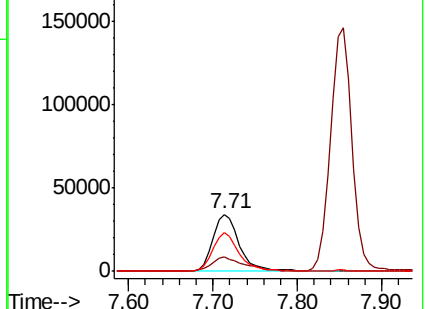
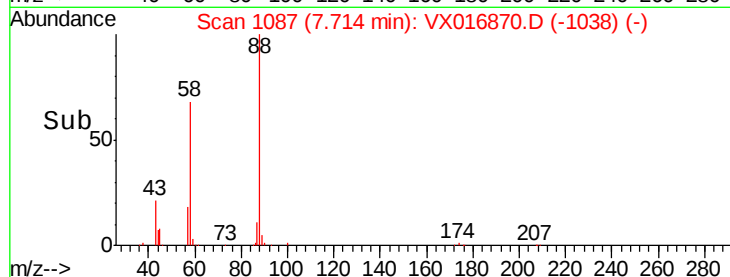
58 67.6 53.1 79.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 42.641 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016870.D

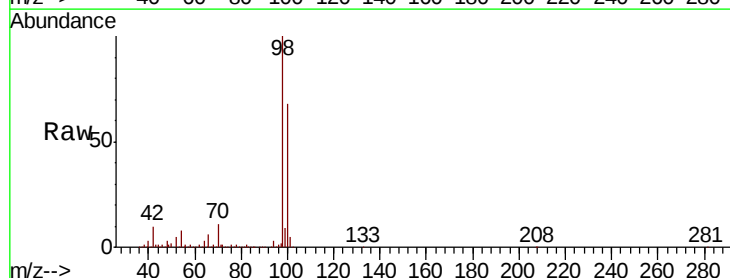
Acq: 19 Jun 2020 04:04

Tgt Ion: 98 Resp: 413136

Ion Ratio Lower Upper

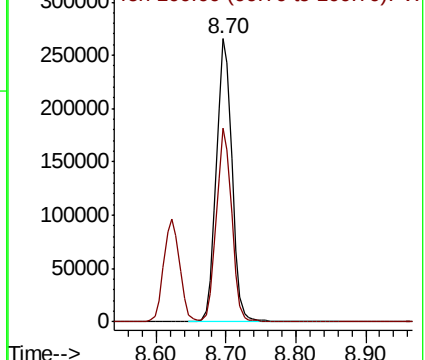
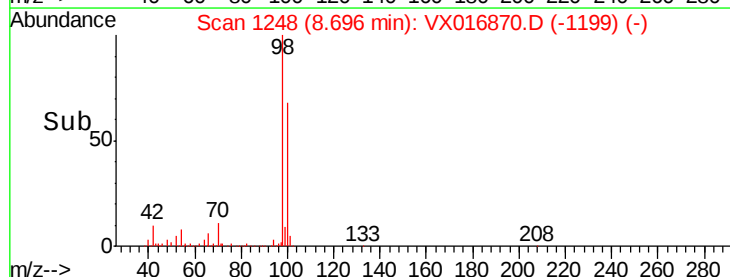
98 100

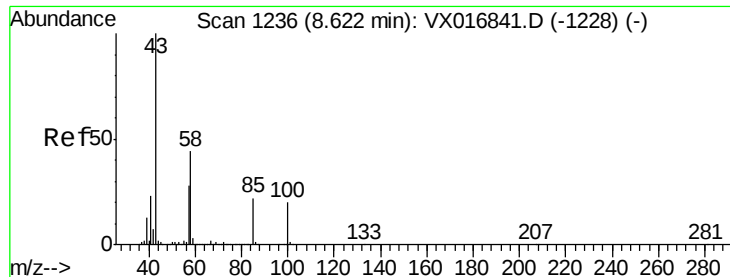
100 67.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 241.433 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

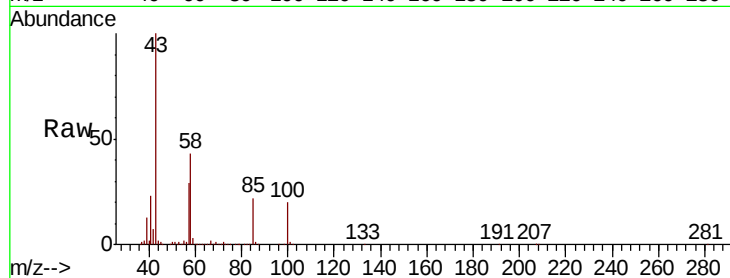
ClientSampled :

Tot Ion: 43 Resp: 783153

Ion Ratio Lower Upper

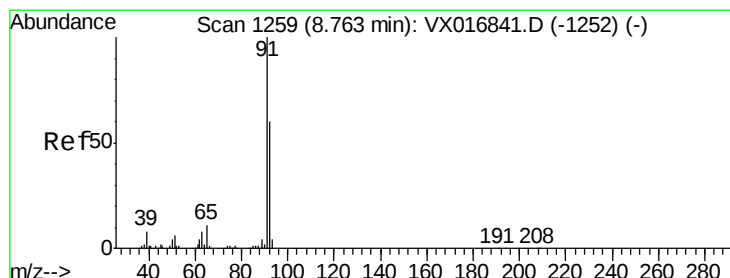
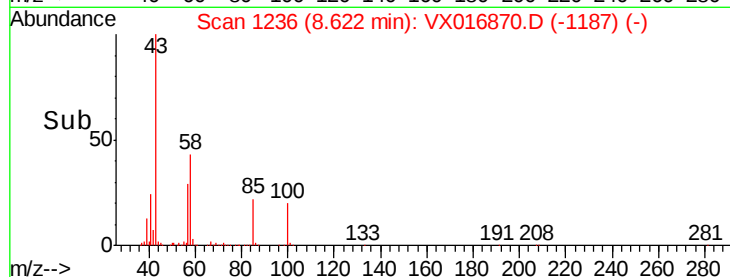
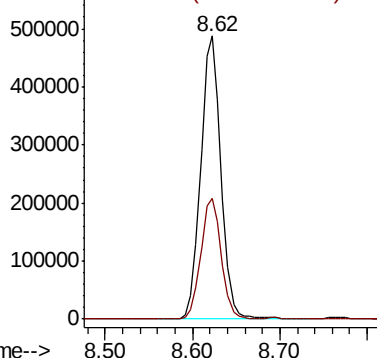
43 100

58 43.3 34.3 51.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.369 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016870.D

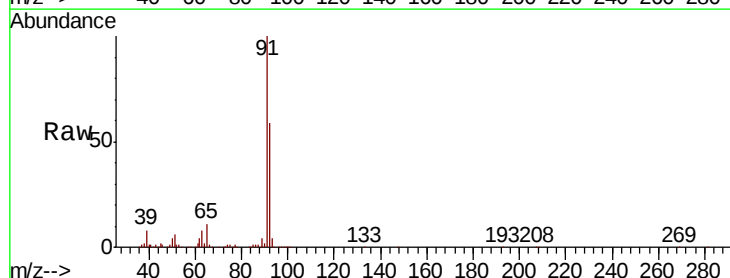
Acq: 19 Jun 2020 04:04

Tgt Ion: 92 Resp: 329576

Ion Ratio Lower Upper

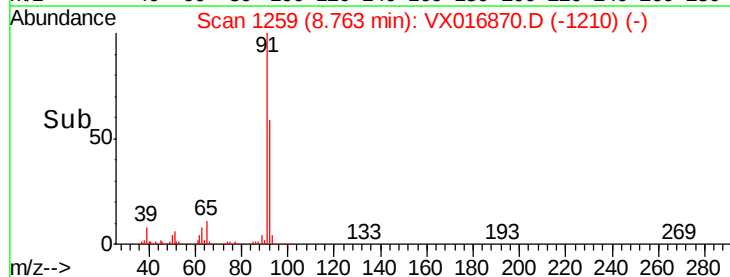
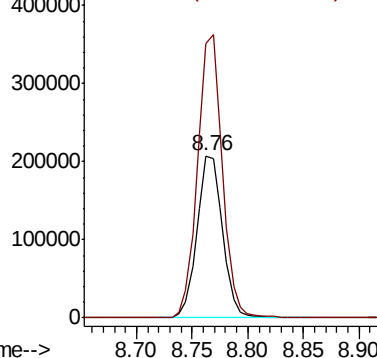
92 100

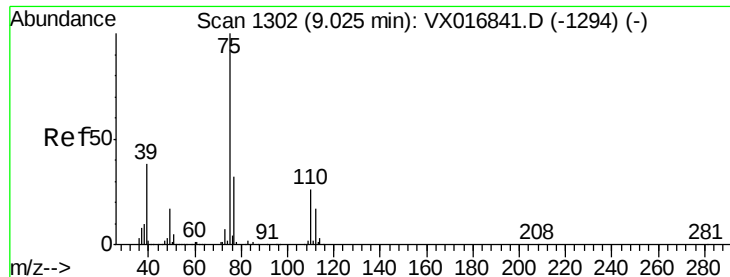
91 170.0 134.2 201.2



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: 47.815 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

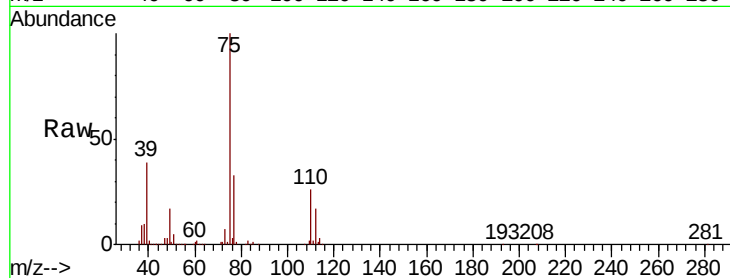
ClientSampled :

Tot Ion: 75 Resp: 199901

Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

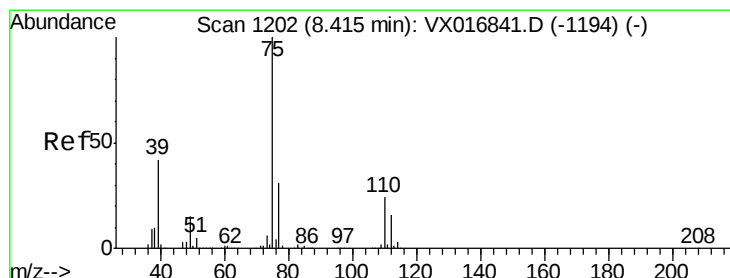
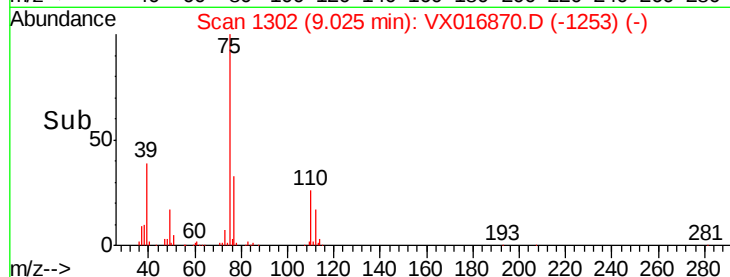
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.462 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

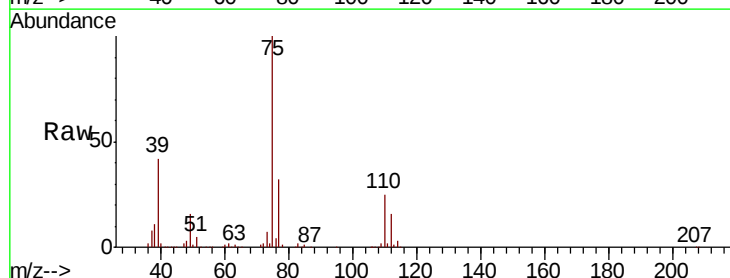
Tgt Ion: 75 Resp: 212272

Ion Ratio Lower Upper

75 100

77 32.1 24.9 37.3

39 42.4 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

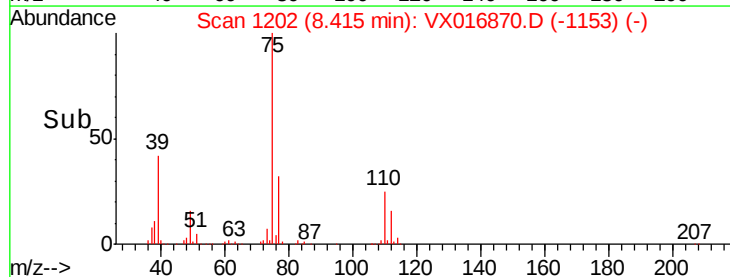
150000

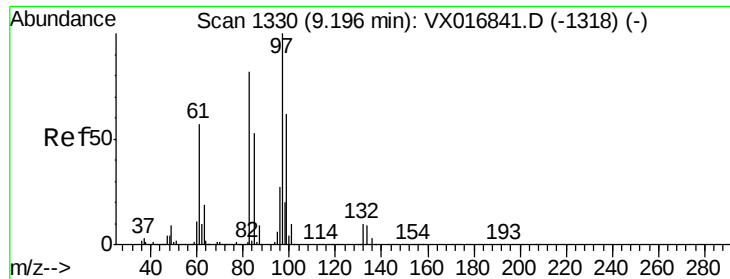
100000

50000

0

Time-->

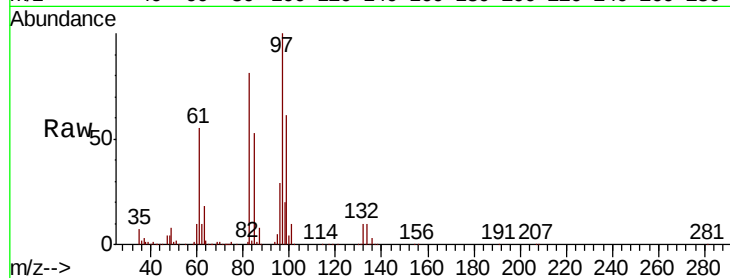




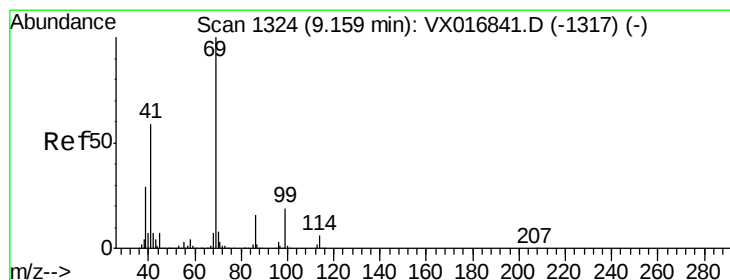
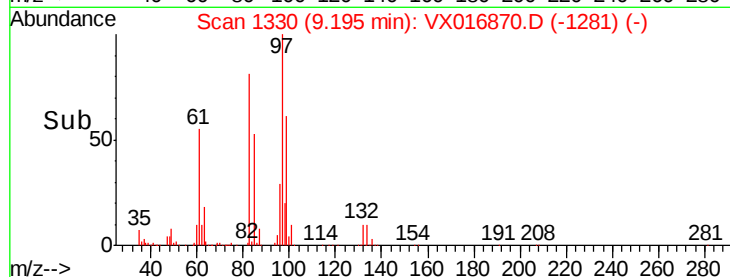
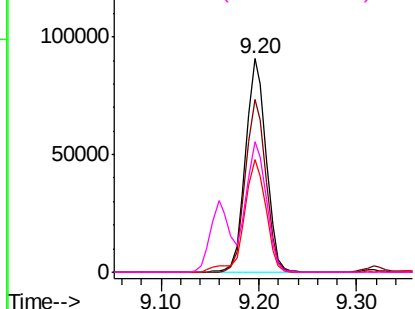
#55
 1,1,2-Trichloroethane
 Concen: 50.464 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	132567
Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.5	98.3
85	52.8	42.6	63.8
99	61.1	49.4	74.0

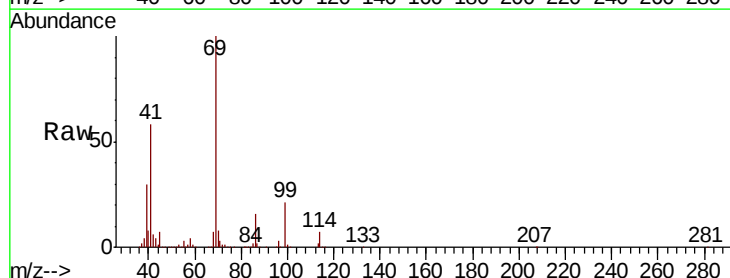


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

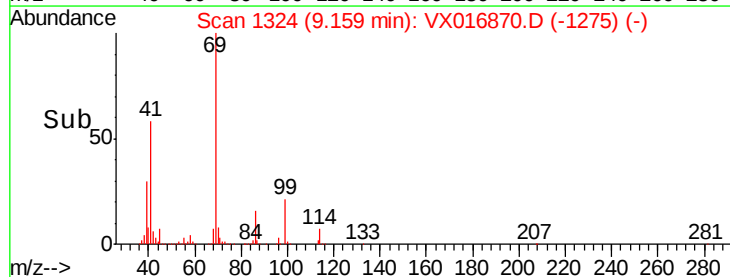
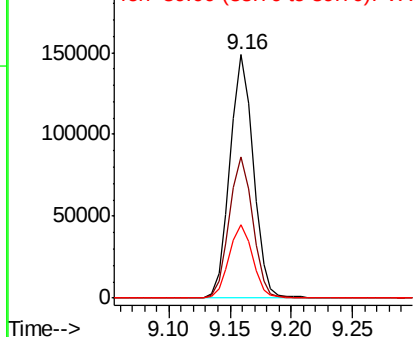


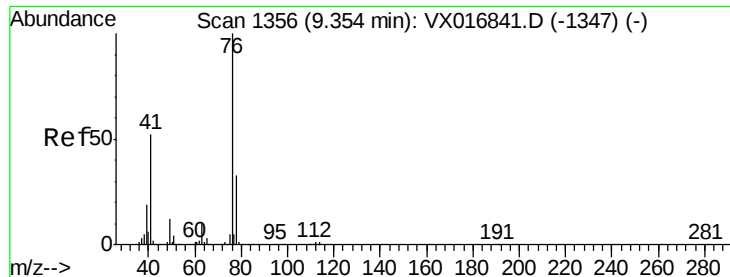
#56
 Ethyl methacrylate
 Concen: 51.801 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion:	69	Resp:	196998
Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.9	71.9
39	30.8	24.2	36.4



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





#57

1,3-Dichloropropane

Concen: 50.353 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

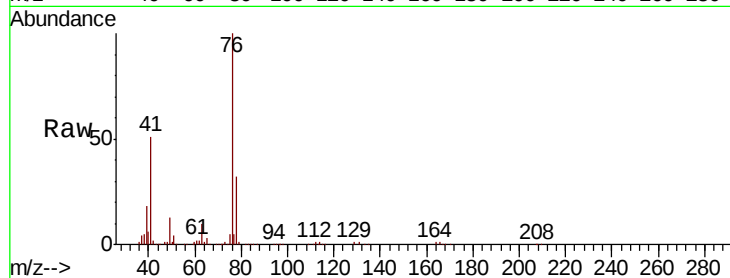
ClientSampleId :

Tot Ion: 76 Resp: 224237

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

150000

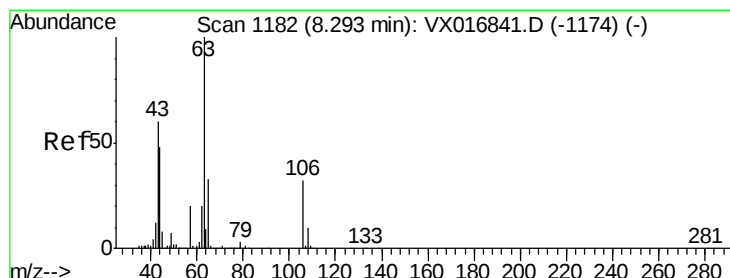
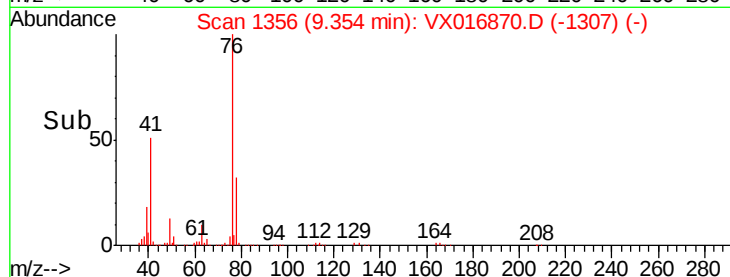
100000

50000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 263.096 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016870.D

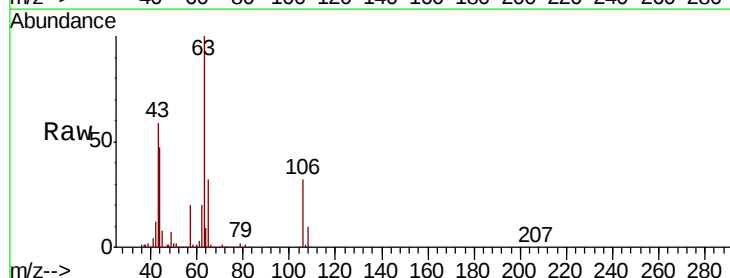
Acq: 19 Jun 2020 04:04

Tgt Ion: 63 Resp: 496637

Ion Ratio Lower Upper

63 100

106 31.9 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

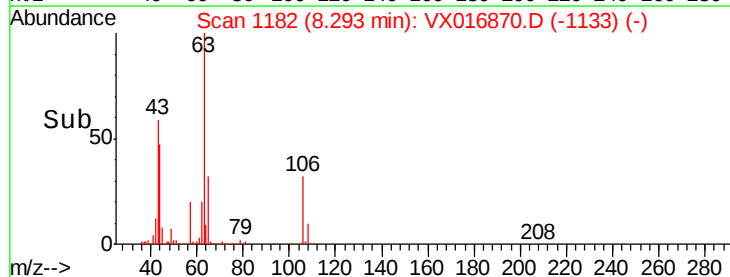
200000

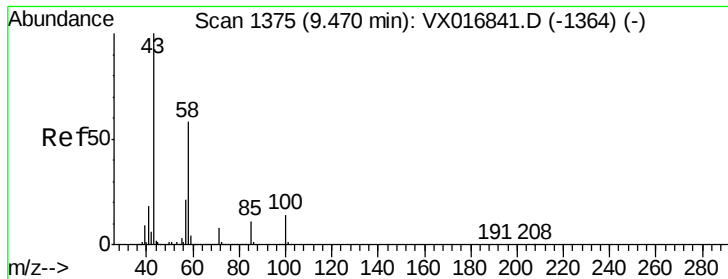
100000

0

Time-->

8.20 8.30 8.40

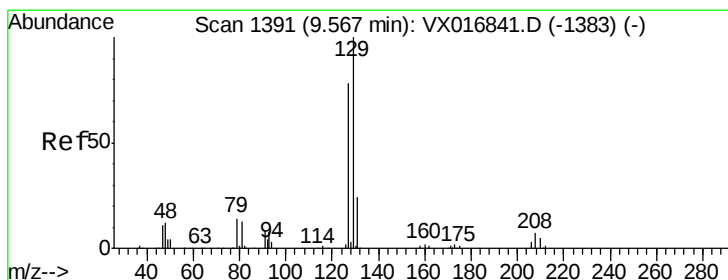
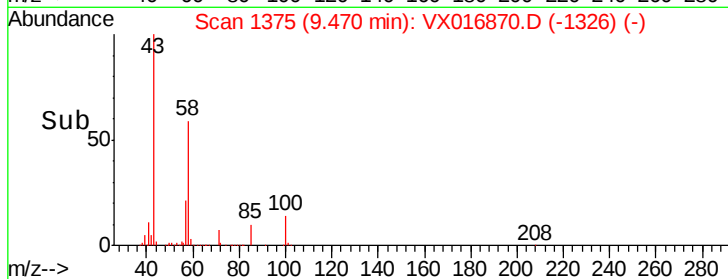
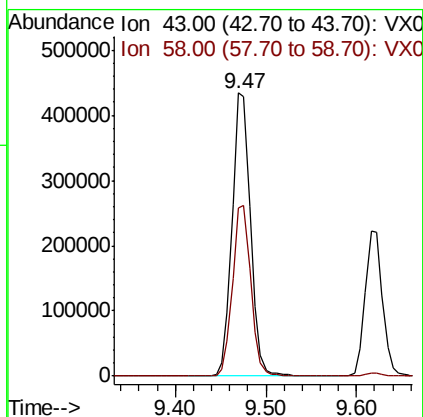
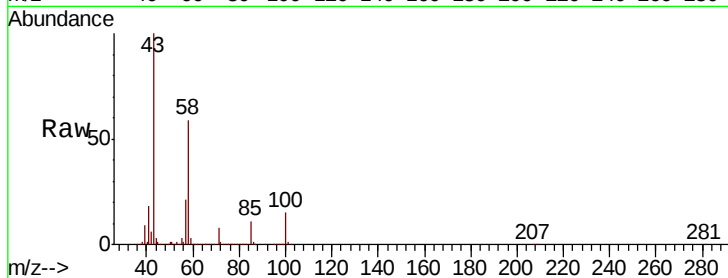




#59
2-Hexanone
Concen: 266.158 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

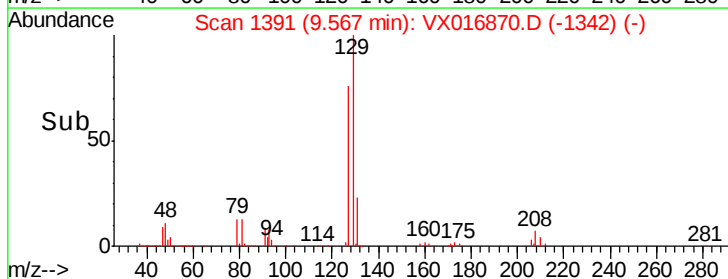
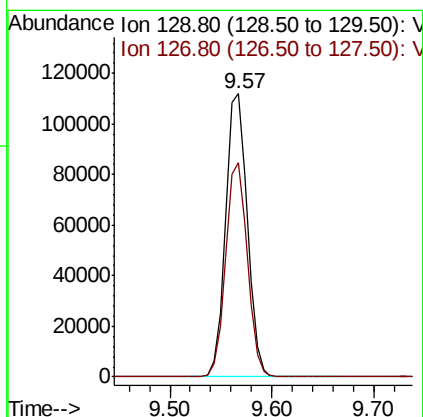
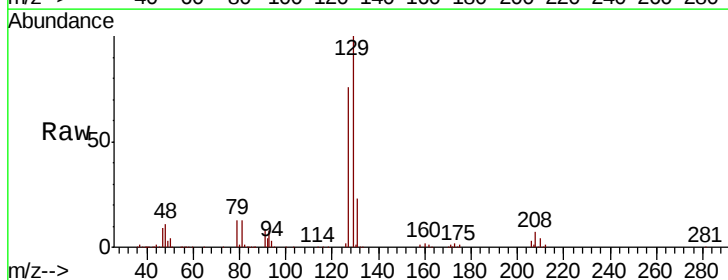
Instrument :
MSVOA_X
ClientSampleId :

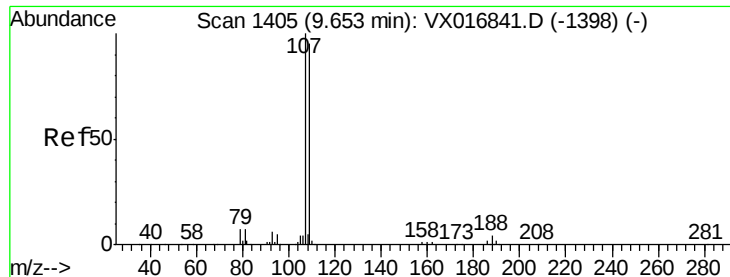
Tot Ion: 43 Resp: 612117
Ion Ratio Lower Upper
43 100
58 60.2 29.8 89.4



#60
Dibromochloromethane
Concen: 52.208 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion: 129 Resp: 164526
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5

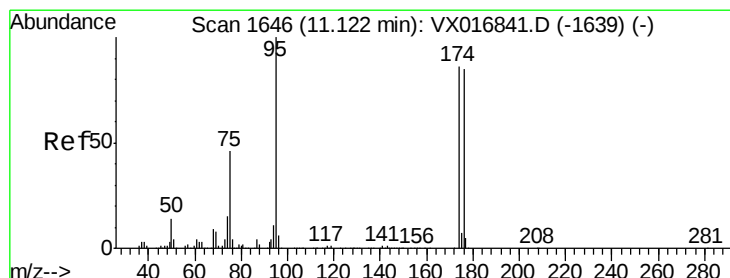
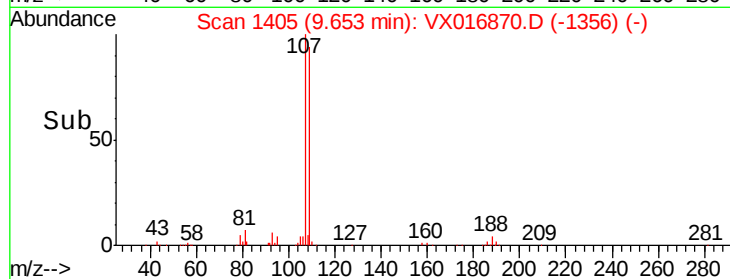
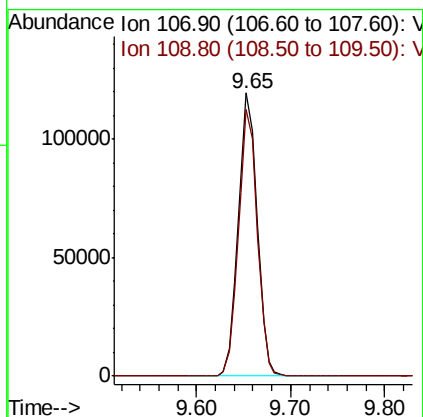




#61
 1,2-Dibromoethane
 Concen: 58.576 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

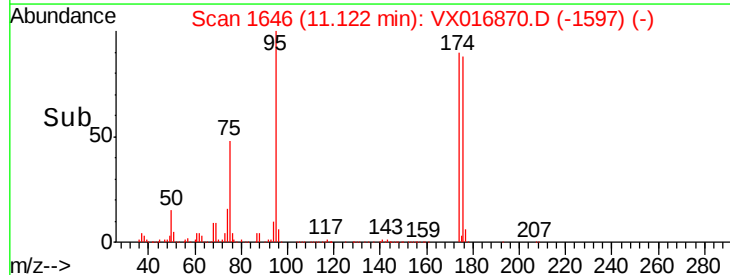
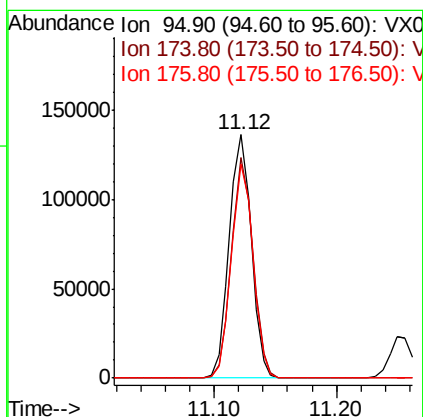
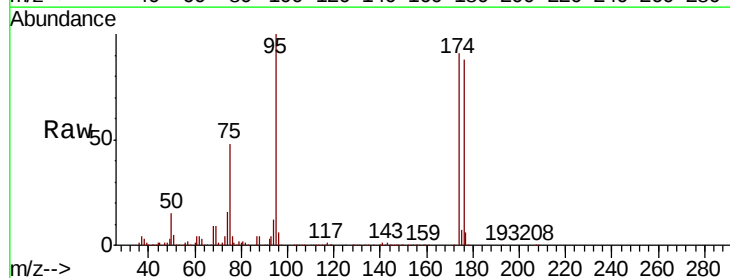
Instrument :
 MSVOA_X
 ClientSampled :

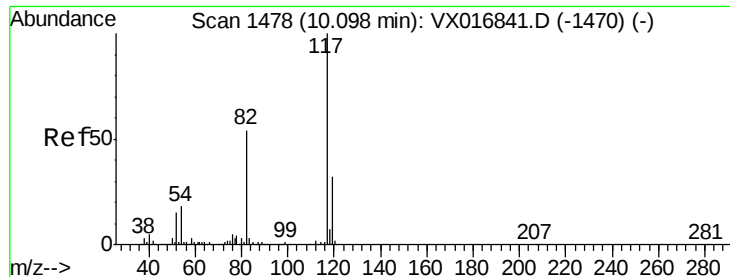
Tot Ion:107 Resp: 166991
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 45.752 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion: 95 Resp: 169838
 Ion Ratio Lower Upper
 95 100
 174 88.4 0.0 174.2
 176 86.2 0.0 170.0

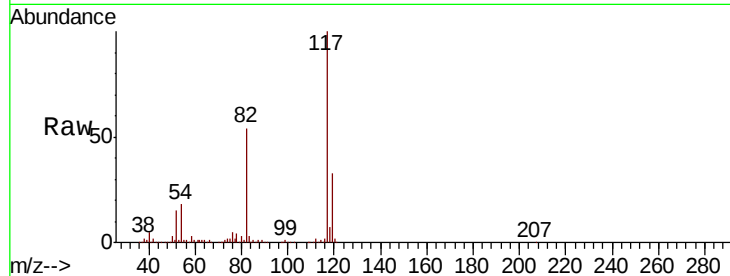




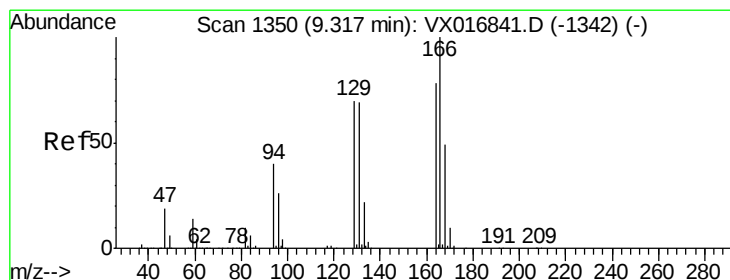
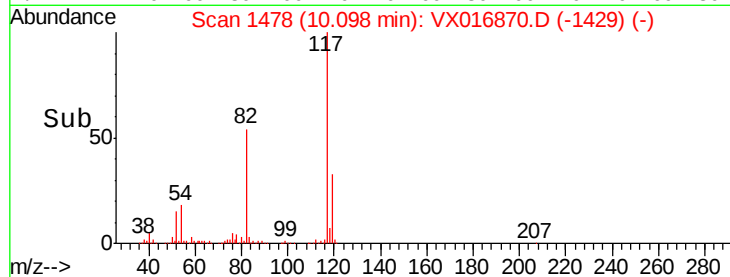
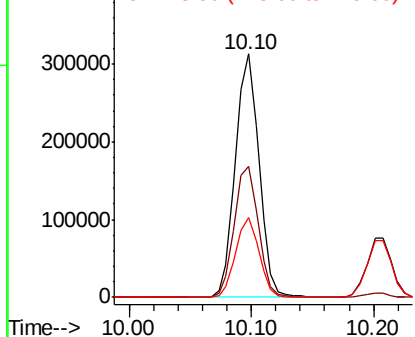
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 418029
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.5 25.7 38.5

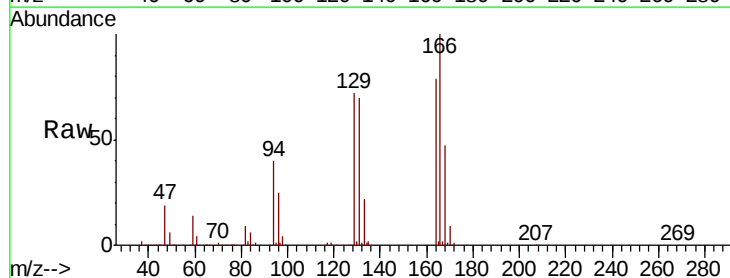


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

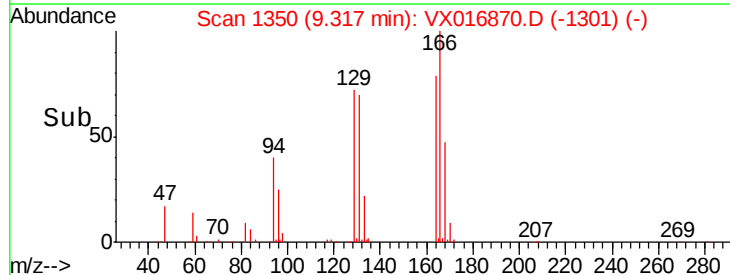
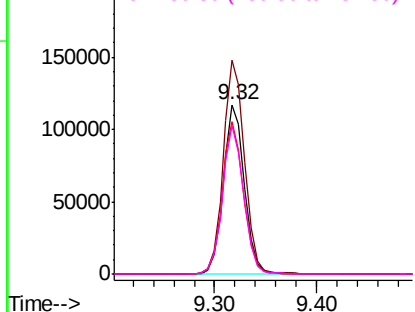


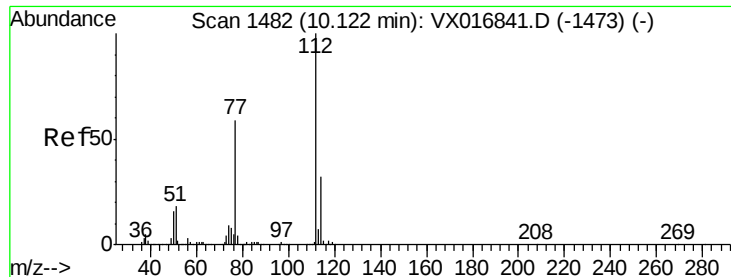
#64
Tetrachloroethene
Concen: 43.046 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion:164 Resp: 166632
Ion Ratio Lower Upper
164 100
166 126.2 102.6 153.8
129 90.4 72.2 108.2
131 87.8 70.8 106.2



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

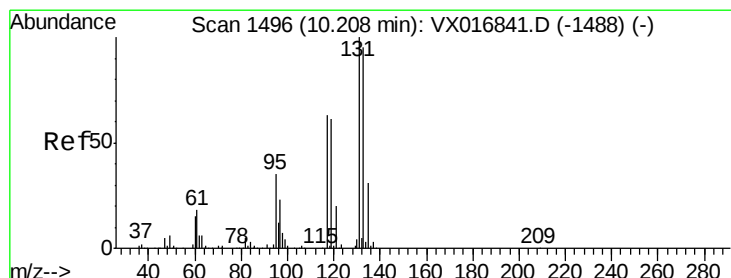
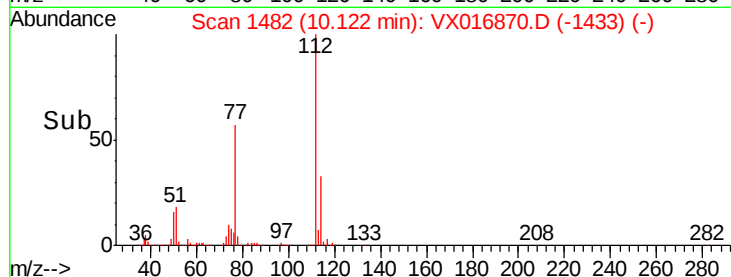
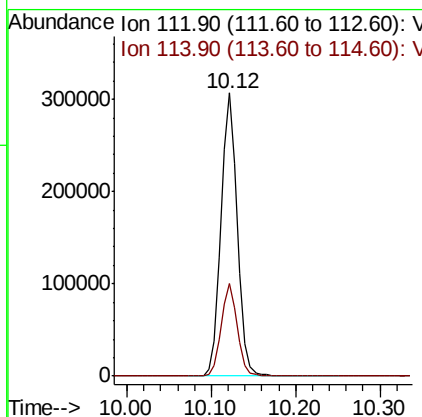
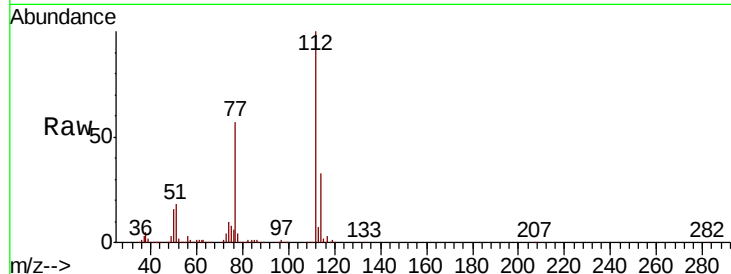




#65
Chlorobenzene
Concen: 48.626 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

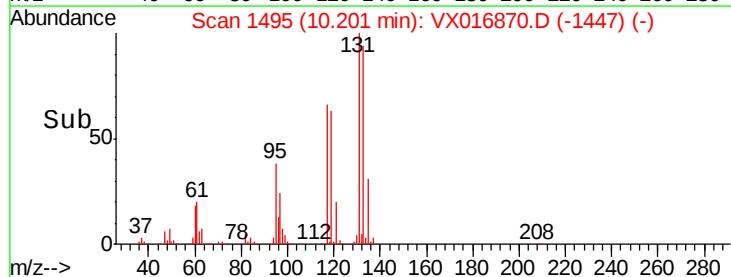
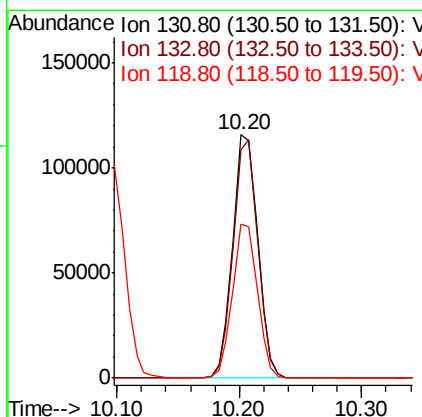
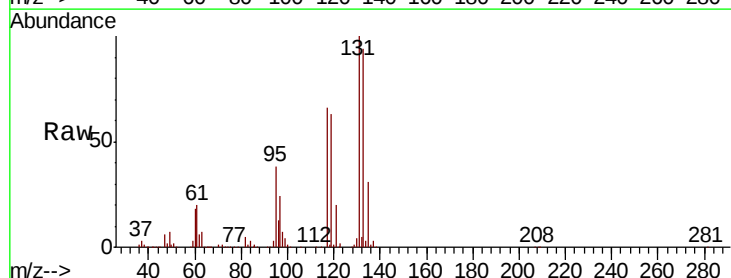
Instrument :
MSVOA_X
ClientSampleId :

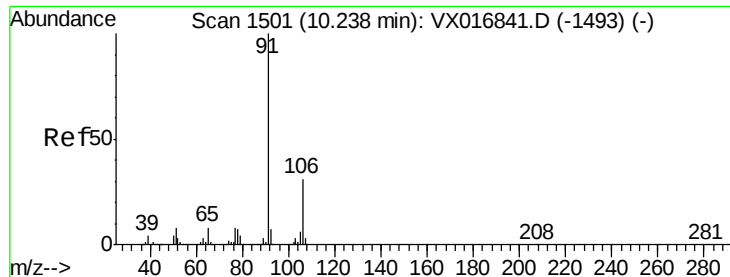
Tot Ion:112 Resp: 411624
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.895 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion:131 Resp: 163693
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 63.3 30.8 92.4

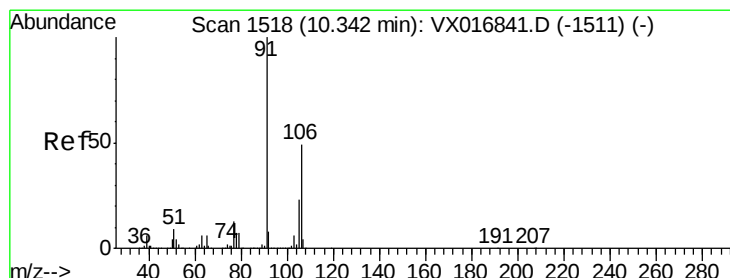
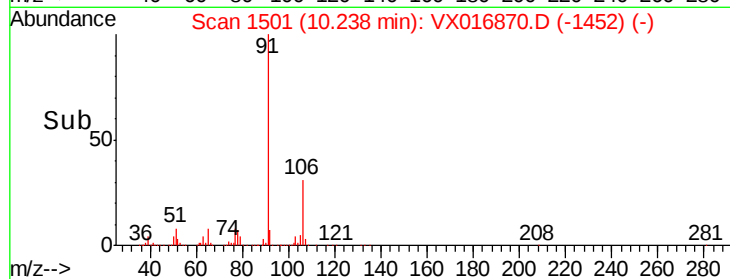
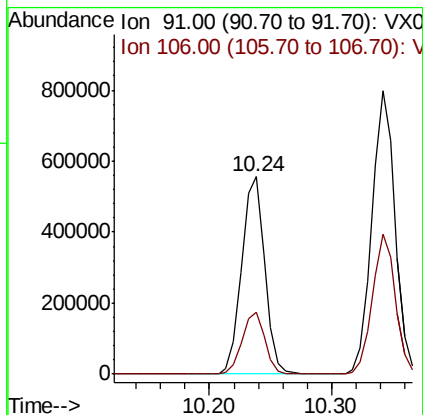
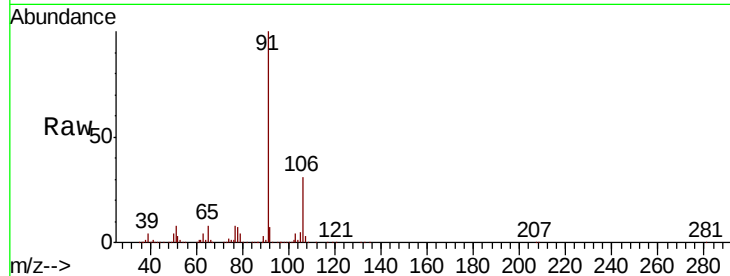




#67
Ethyl Benzene
Concen: 50.665 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

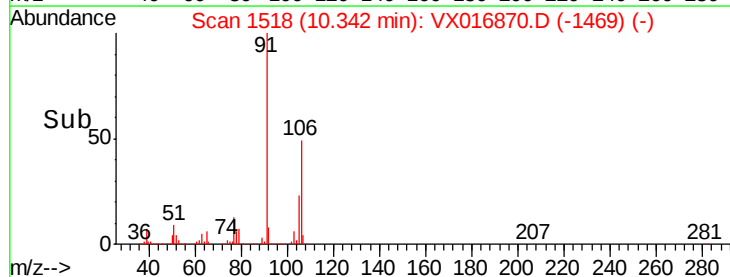
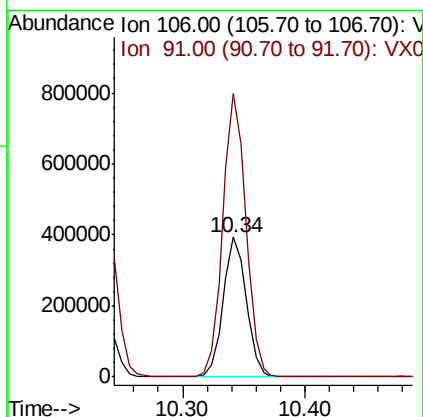
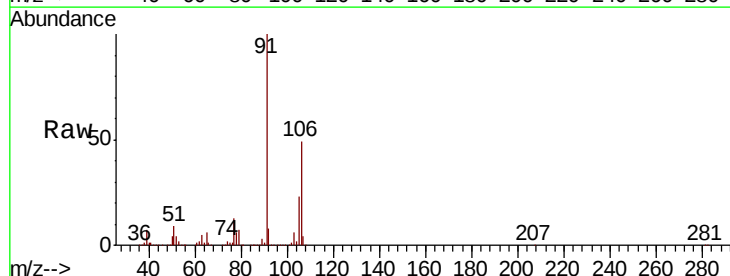
Instrument :
MSVOA_X
ClientSampled :

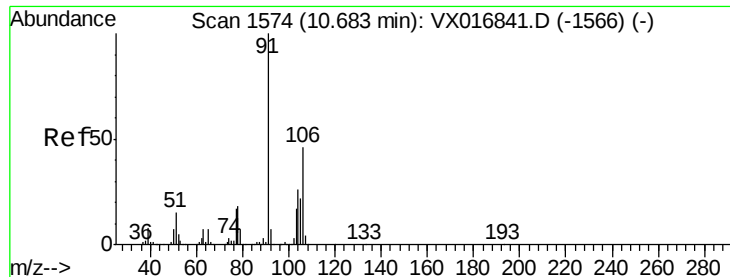
Tot Ion: 91 Resp: 723626
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 92.468 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion: 106 Resp: 513918
Ion Ratio Lower Upper
106 100
91 203.7 161.5 242.3

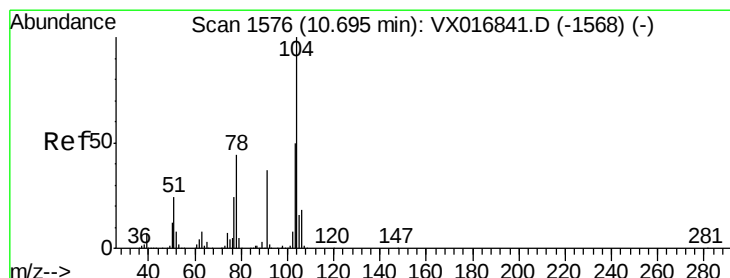
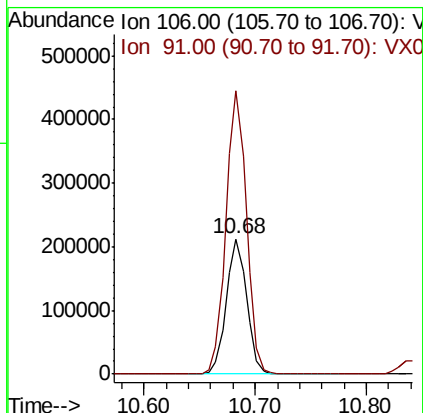
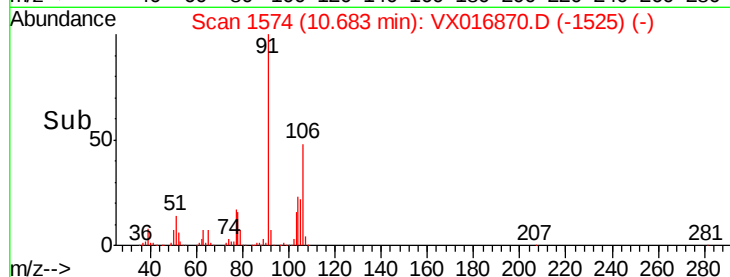
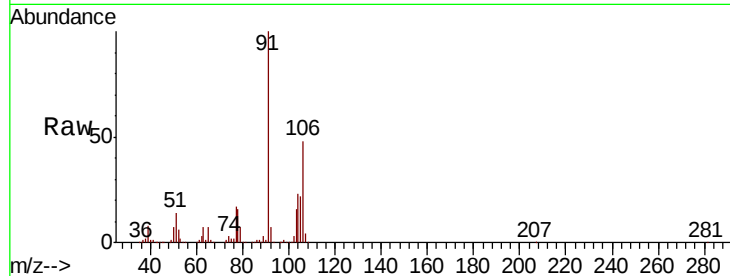




#69
o-Xylene
Concen: 52.179 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

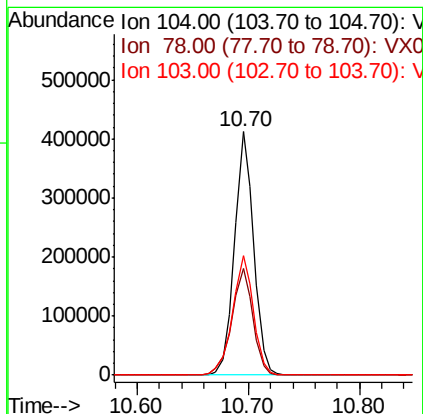
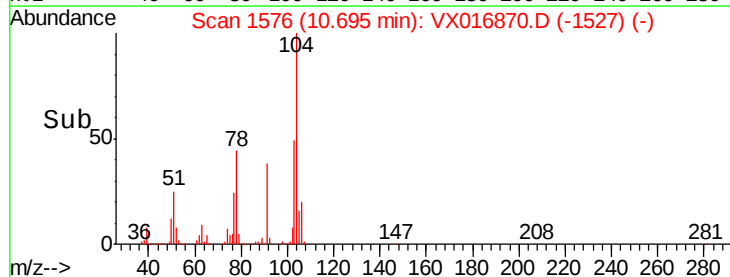
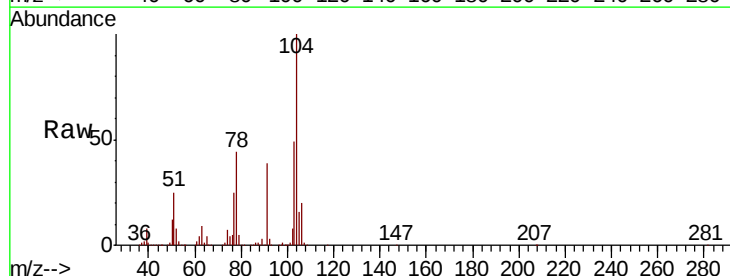
Instrument :
MSVOA_X
ClientSampleId :

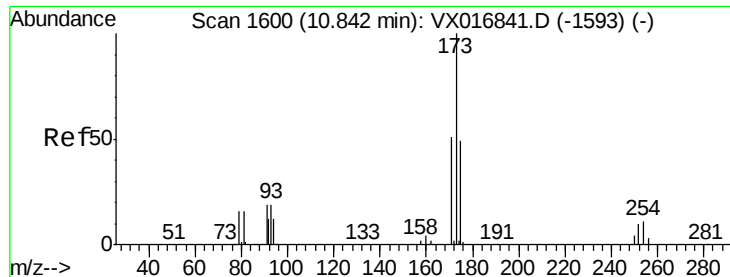
Tot Ion:106 Resp: 268148
Ion Ratio Lower Upper
106 100
91 211.3 107.9 323.7



#70
Styrene
Concen: 56.112 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion:104 Resp: 489954
Ion Ratio Lower Upper
104 100
78 48.6 39.6 59.4
103 53.4 43.3 64.9





#71

Bromoform

Concen: 52.475 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampled :

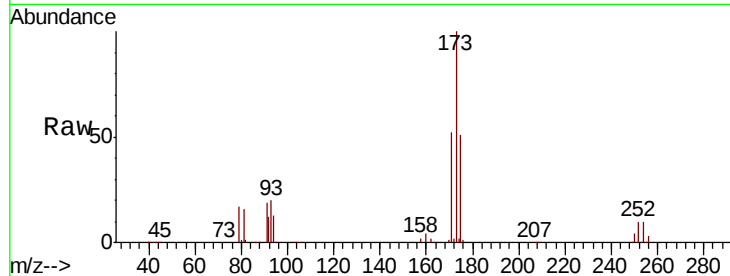
Tot Ion:173 Resp: 144741

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.0

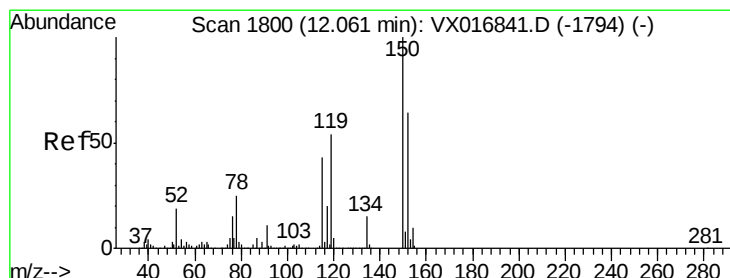
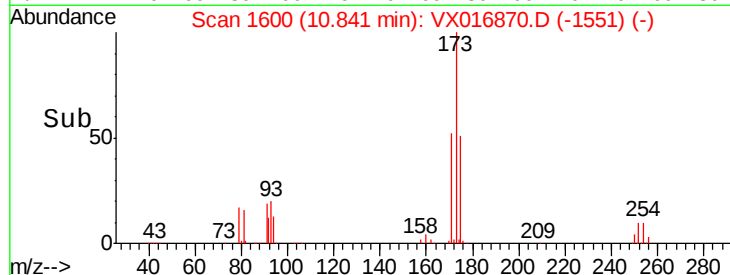
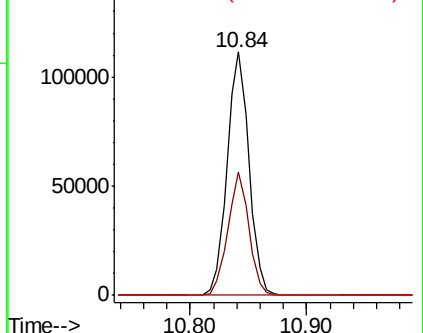
254 0.2 0.1 0.1#



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

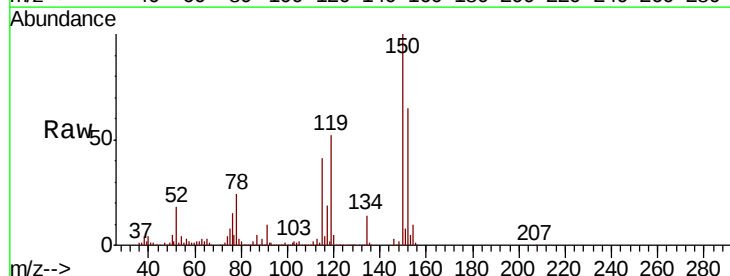
Tgt Ion:152 Resp: 201247

Ion Ratio Lower Upper

152 100

115 77.6 40.9 122.8

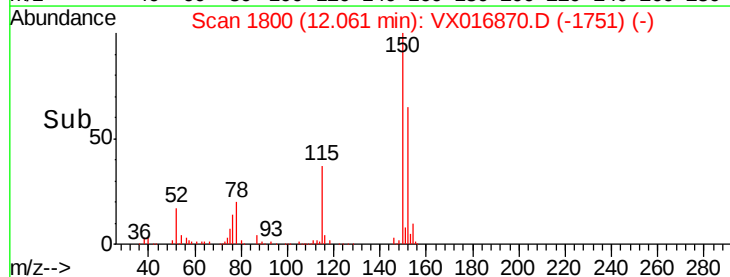
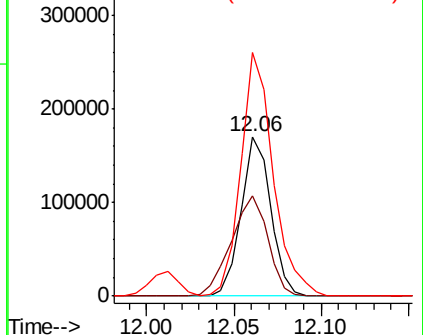
150 166.7 0.0 344.2

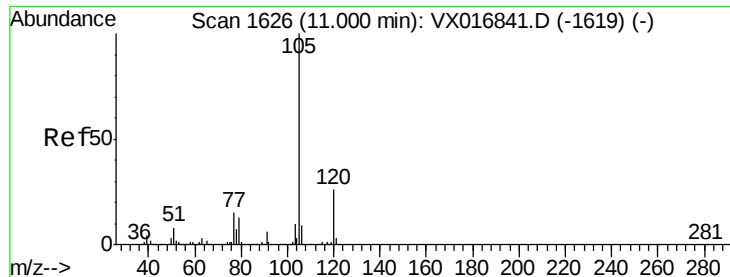


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.872 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

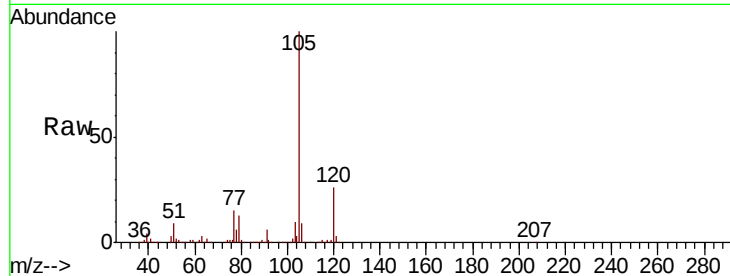
ClientSampled :

Tot Ion:105 Resp: 665993

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

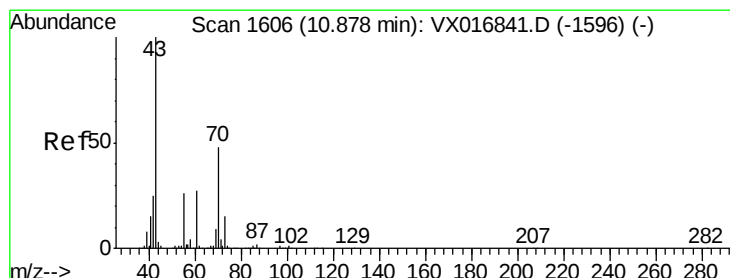
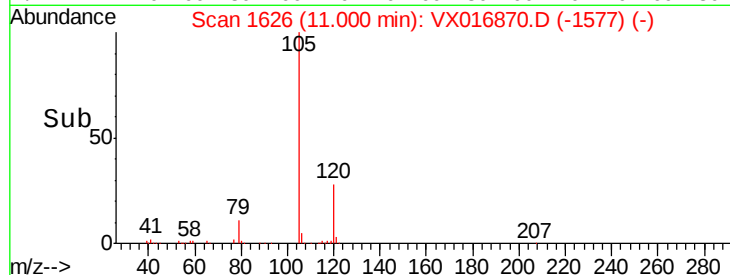
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 62.843 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Tgt Ion: 43 Resp: 284339

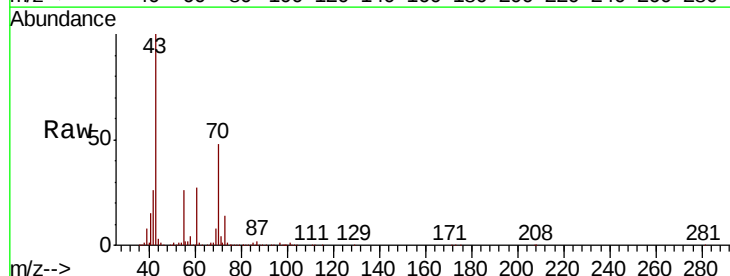
Ion Ratio Lower Upper

43 100

70 48.2 39.9 59.9

55 26.5 21.8 32.6

61 27.0 22.2 33.4



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

300000

200000

100000

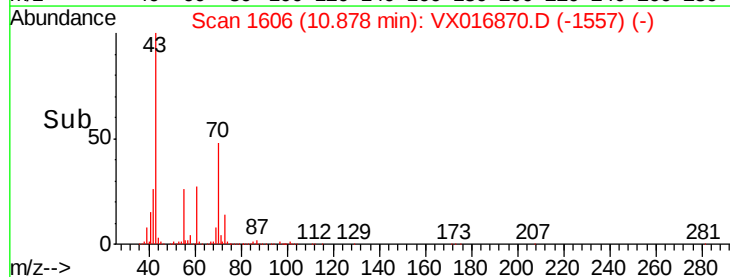
0

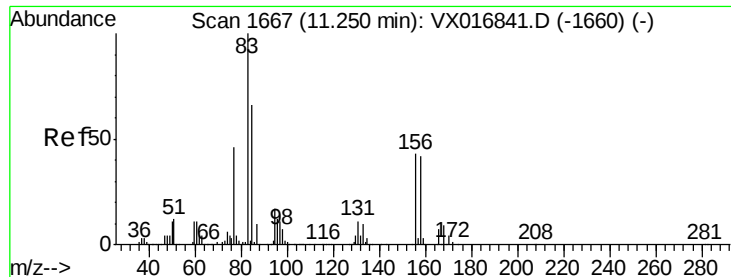
10.88

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.506 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

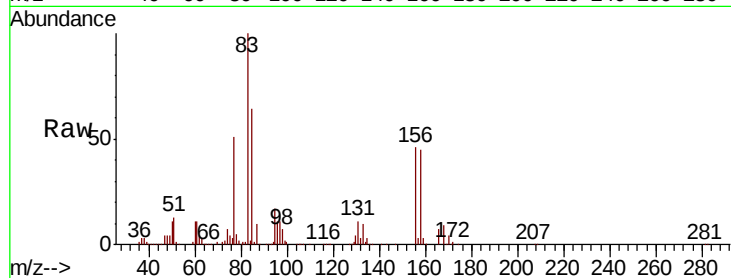
Tot Ion: 83 Resp: 184789

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

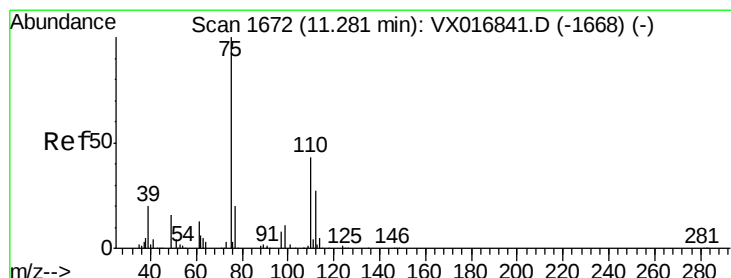
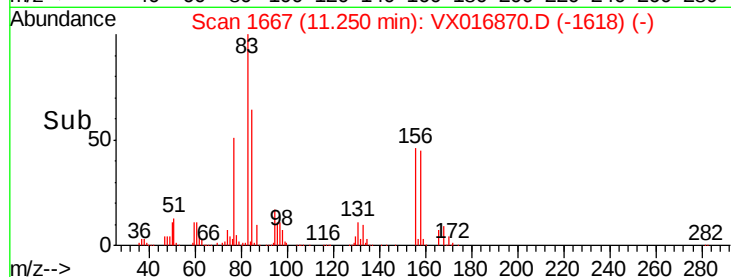
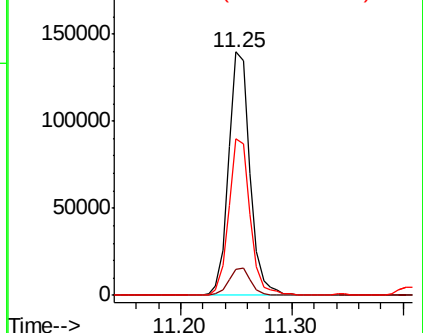
85 64.3 32.6 97.8



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: 67.735 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016870.D

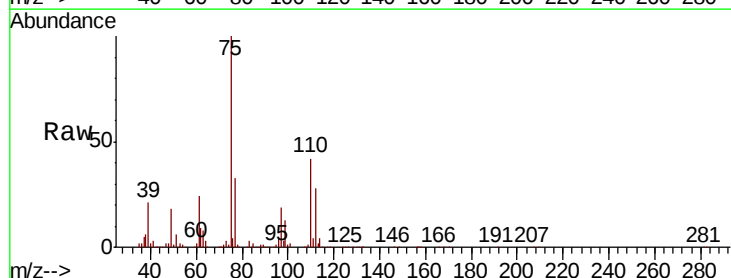
Acq: 19 Jun 2020 04:04

Tgt Ion: 75 Resp: 237416

Ion Ratio Lower Upper

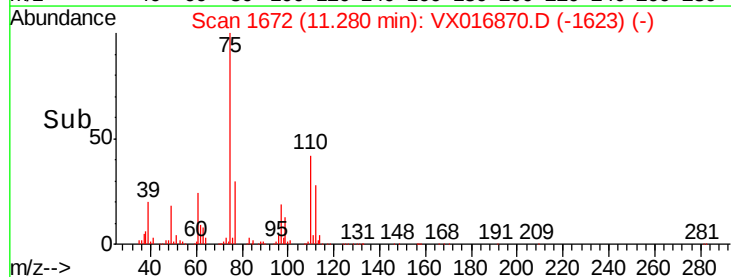
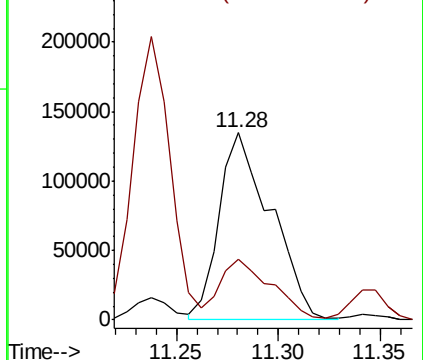
75 100

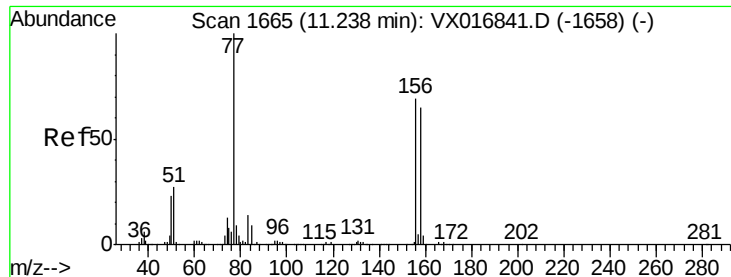
77 32.2 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.861 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

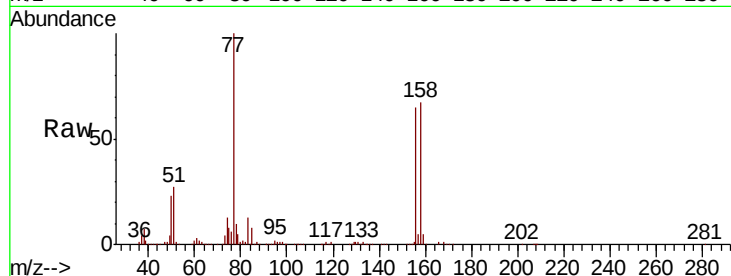
Tot Ion:156 Resp: 176198

Ion Ratio Lower Upper

156 100

77 147.8 73.4 220.2

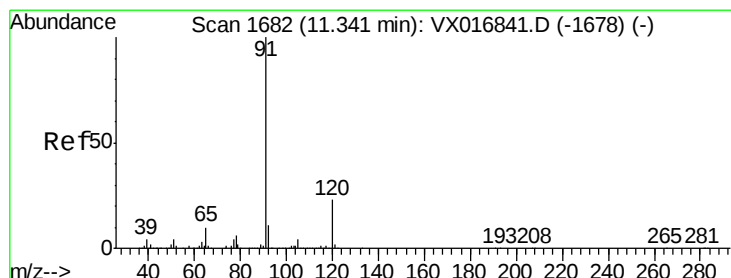
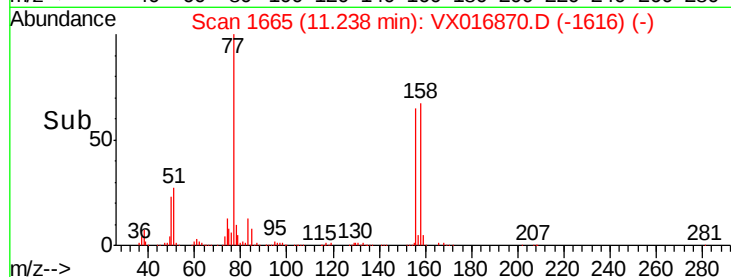
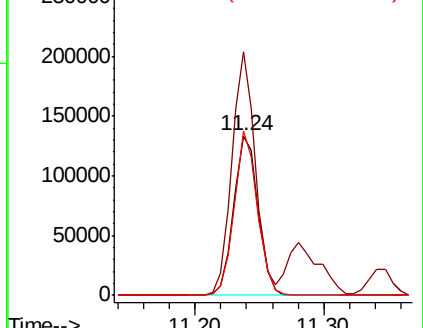
158 97.4 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.973 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016870.D

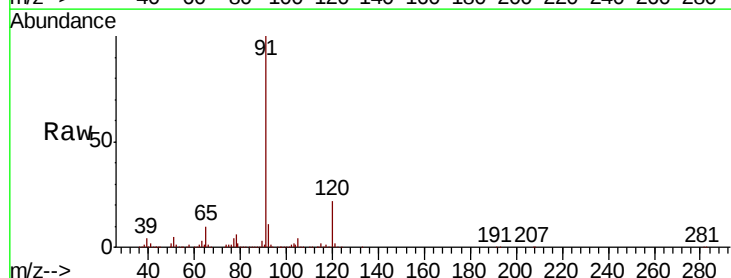
Acq: 19 Jun 2020 04:04

Tgt Ion: 91 Resp: 722648

Ion Ratio Lower Upper

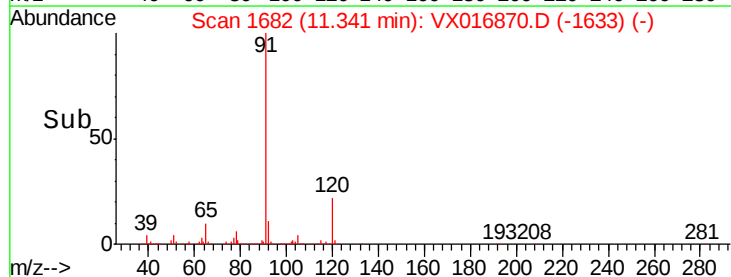
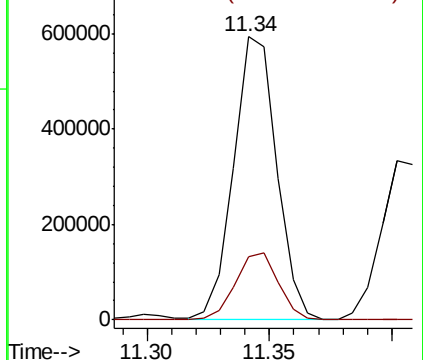
91 100

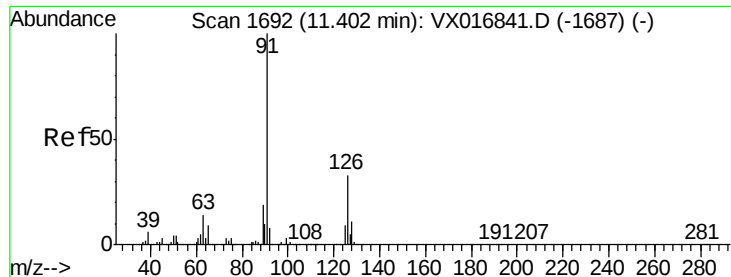
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

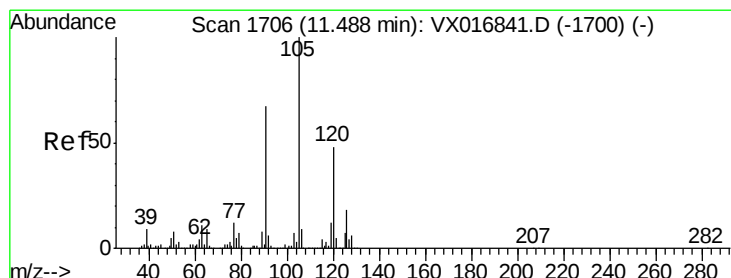
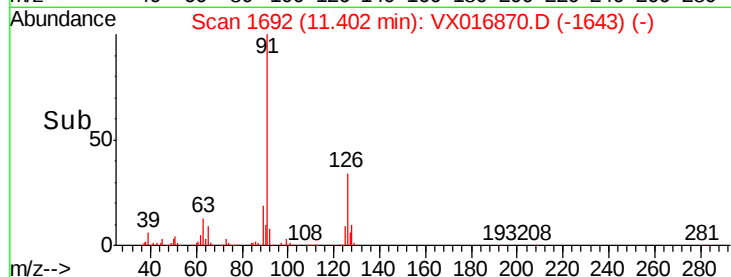
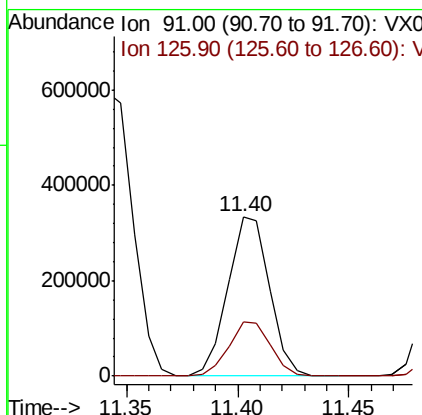
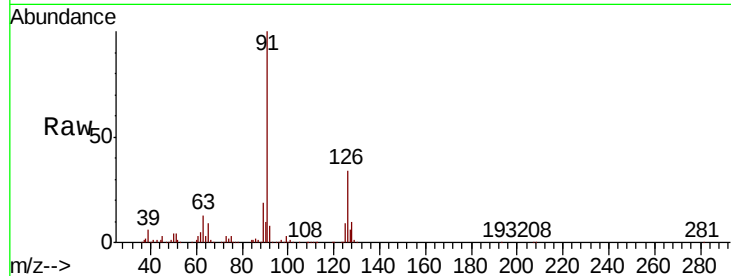




#79
 2-Chlorotoluene
 Concen: 48.930 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

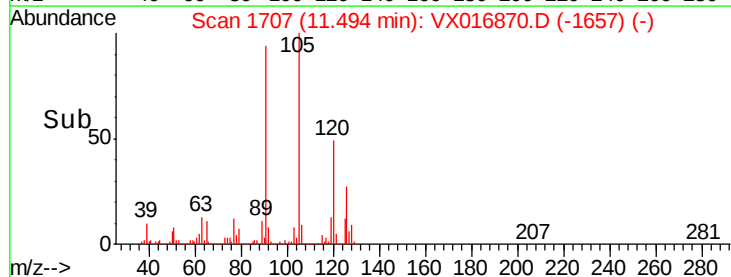
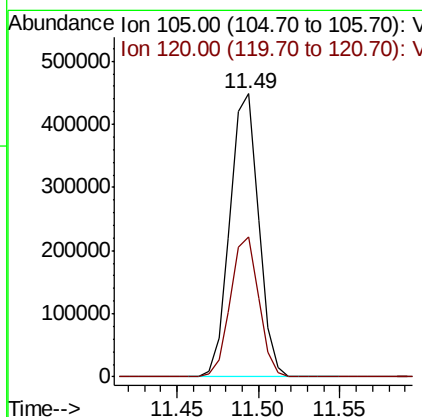
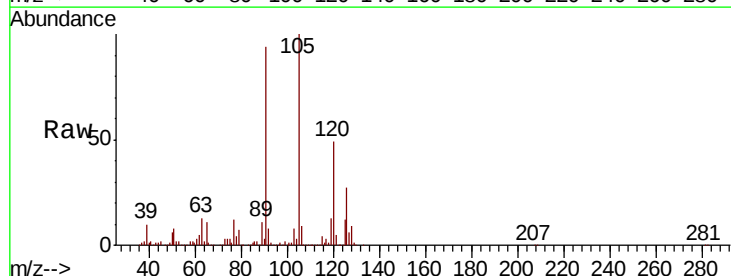
Instrument :
 MSVOA_X
 ClientSampleId :

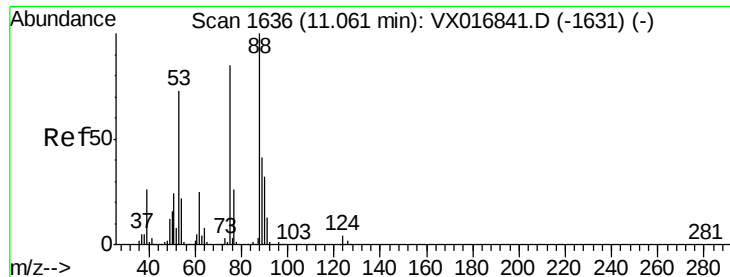
Tot Ion: 91 Resp: 432918
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 46.732 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion: 105 Resp: 548614
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.368 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

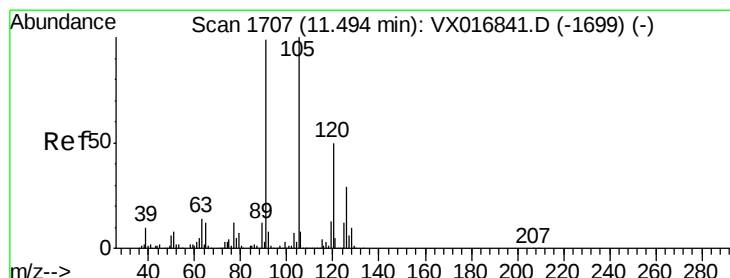
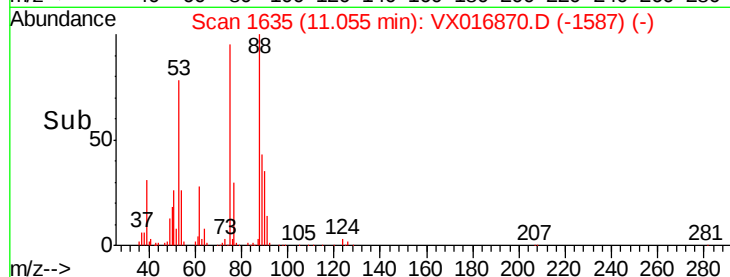
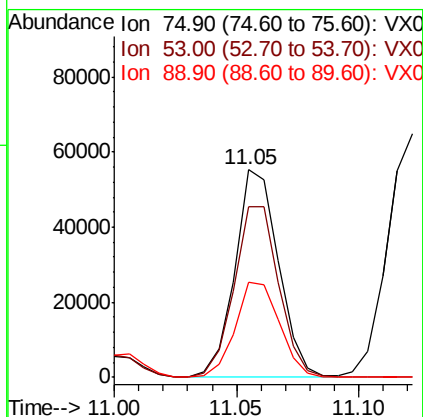
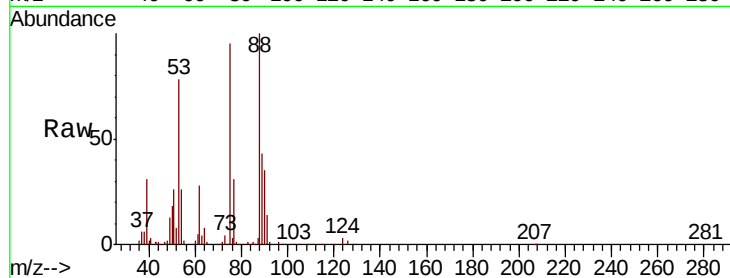
Tot Ion: 75 Resp: 68092

Ion Ratio Lower Upper

75 100

53 85.2 69.8 104.8

89 47.2 38.3 57.5



#82

4-Chlorotoluene

Concen: 48.442 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016870.D

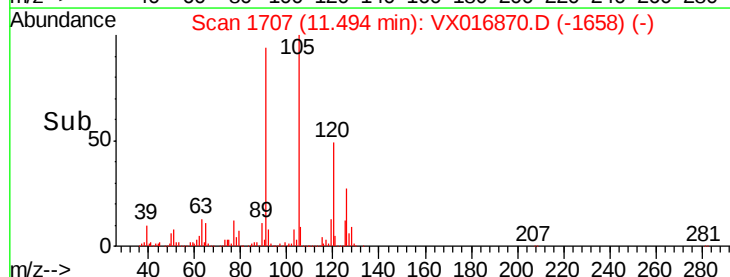
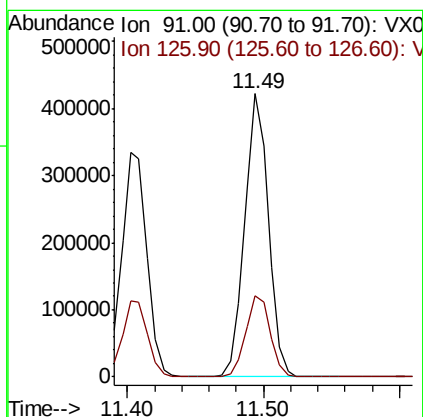
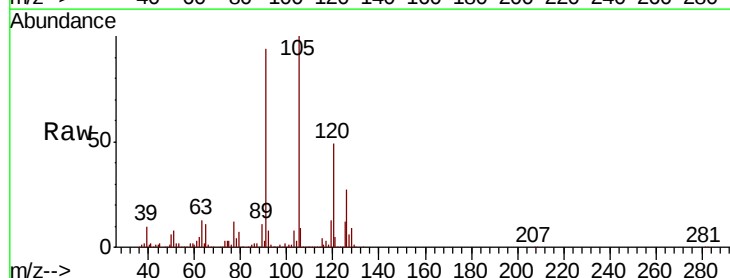
Acq: 19 Jun 2020 04:04

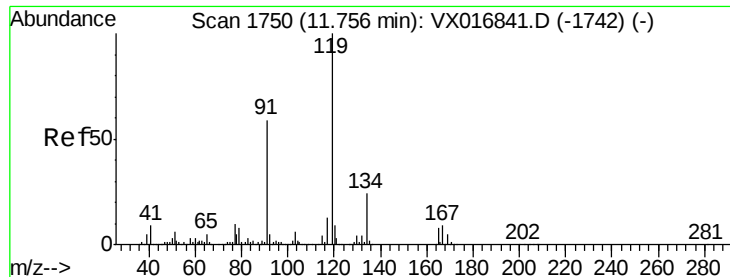
Tgt Ion: 91 Resp: 514188

Ion Ratio Lower Upper

91 100

126 29.8 15.0 45.0

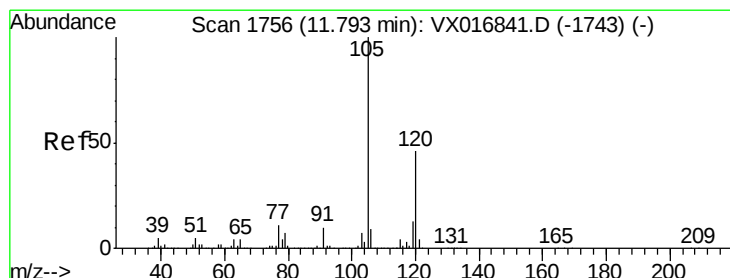
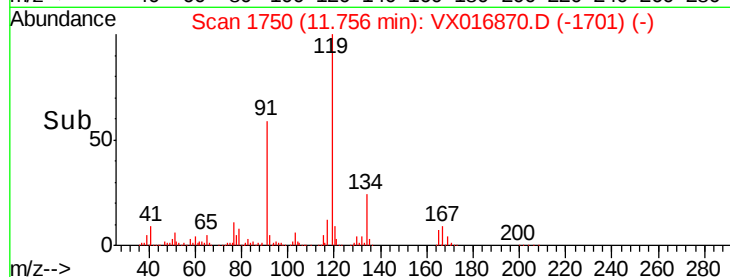
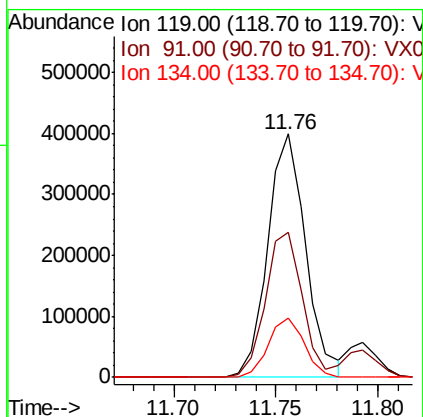
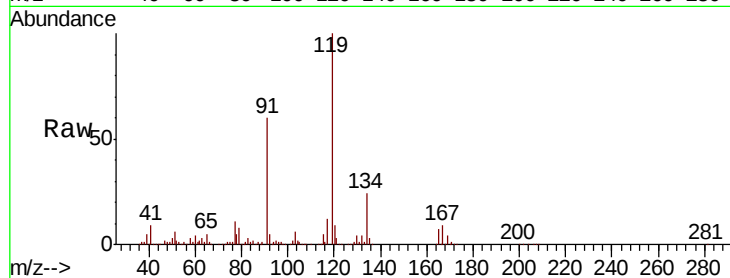




#83
tert-Butylbenzene
Concen: 46.756 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

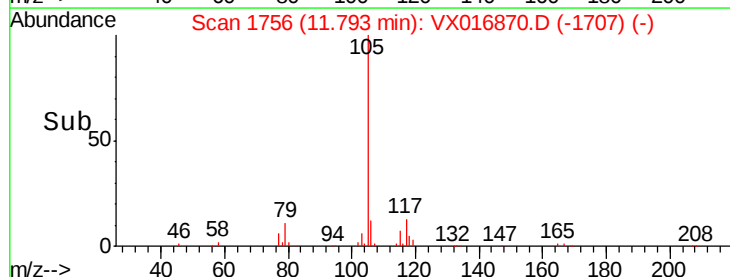
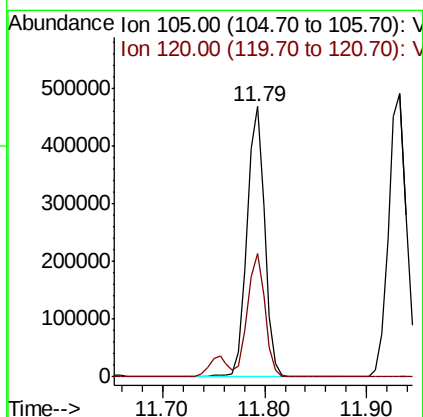
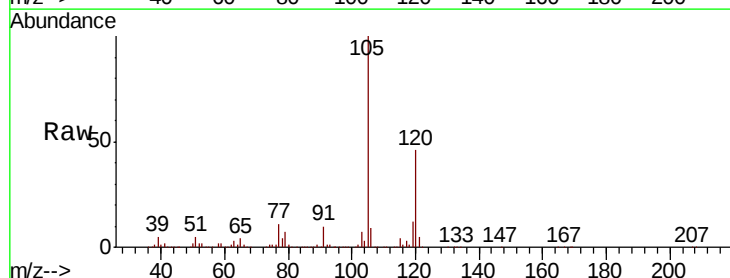
Instrument :
MSVOA_X
ClientSampleId :

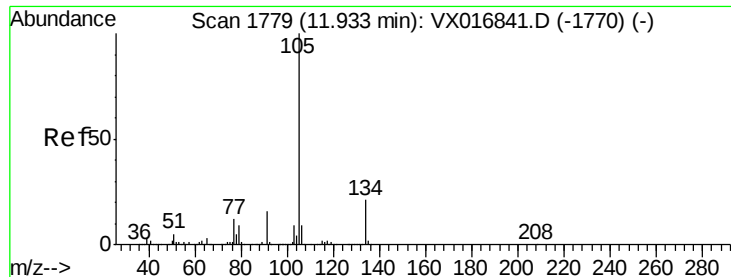
Tot Ion:119 Resp: 517189
Ion Ratio Lower Upper
119 100
91 57.8 28.5 85.5
134 23.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 48.775 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion:105 Resp: 561700
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 47.318 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

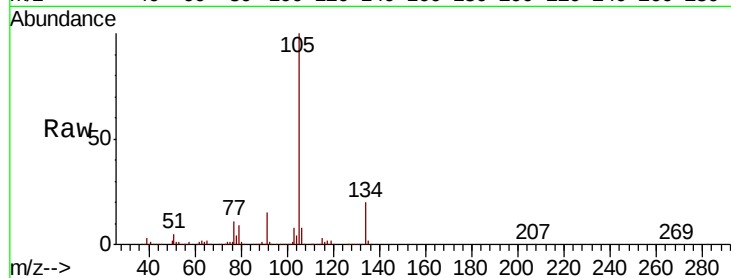
ClientSampleId :

Tot Ion:105 Resp: 607879

Ion Ratio Lower Upper

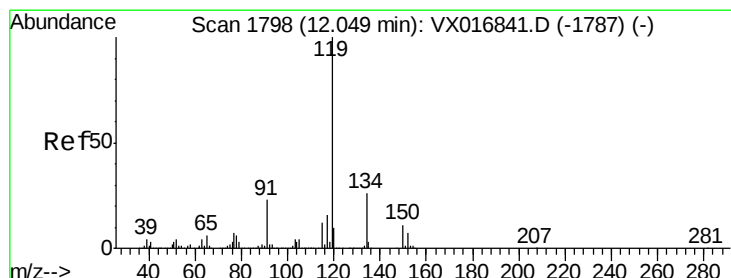
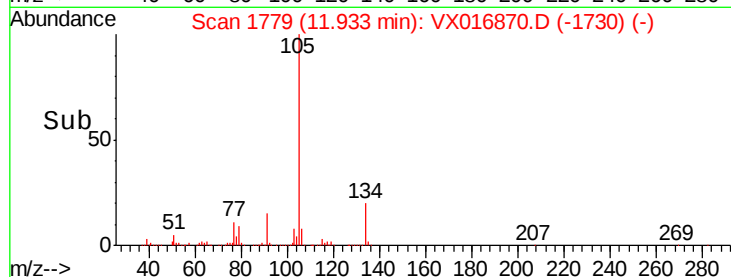
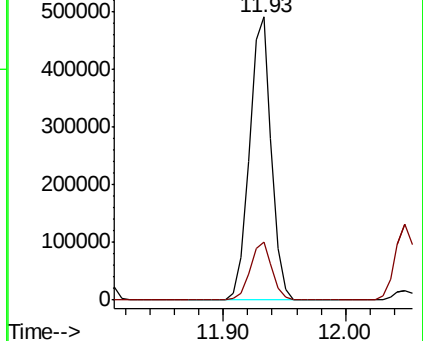
105 100

134 20.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.668 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

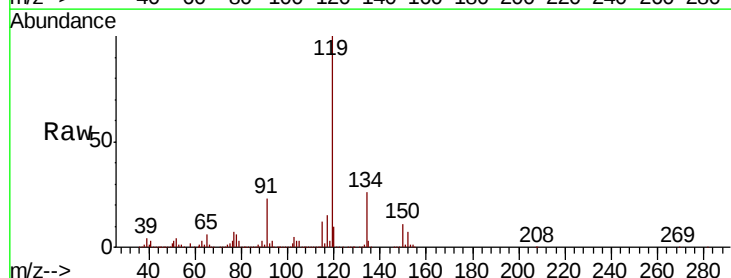
Tgt Ion:119 Resp: 584609

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

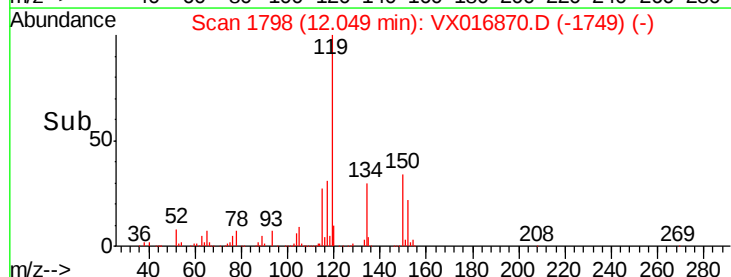
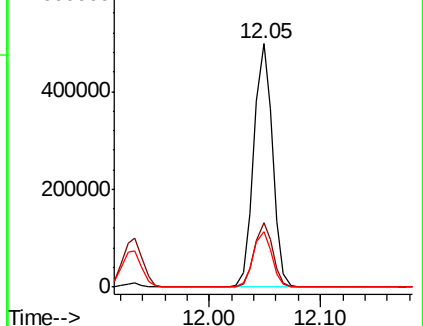
91 22.8 11.6 34.8

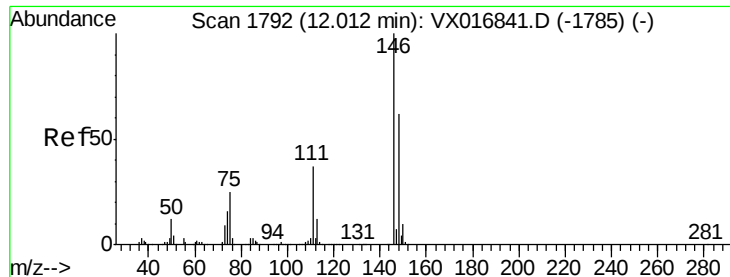


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

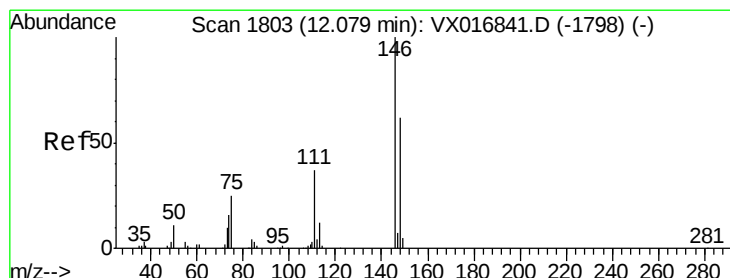
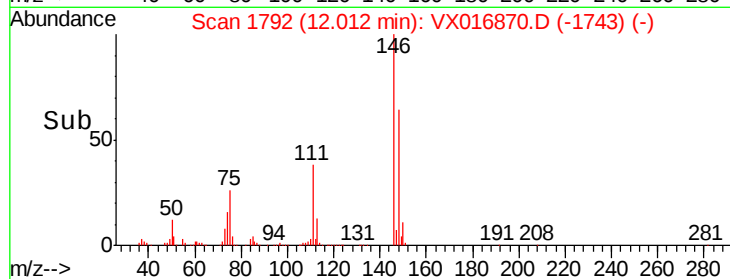
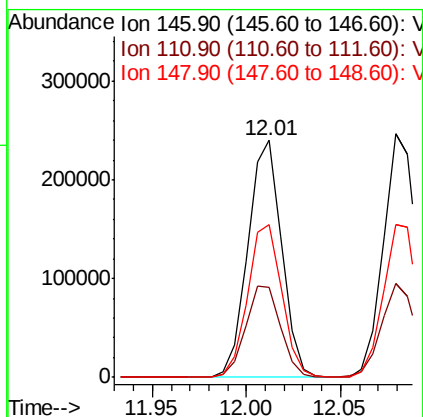
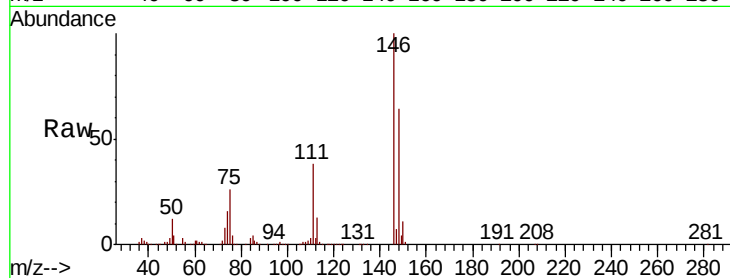




#87
 1,3-Dichlorobenzene
 Concen: 46.218 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

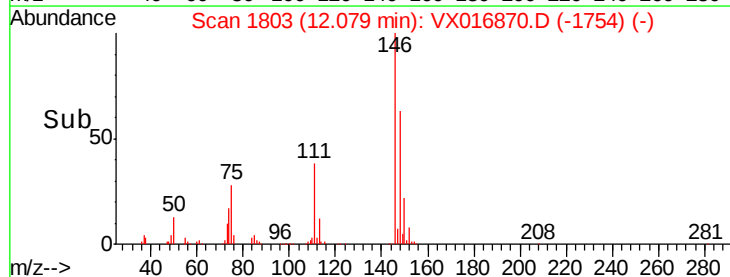
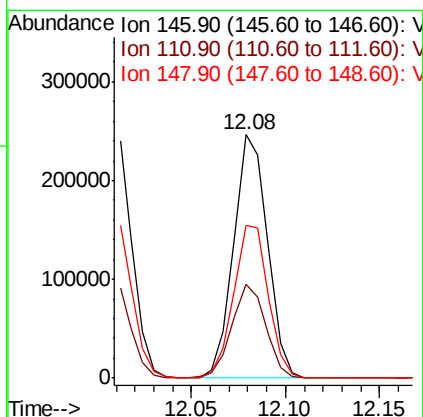
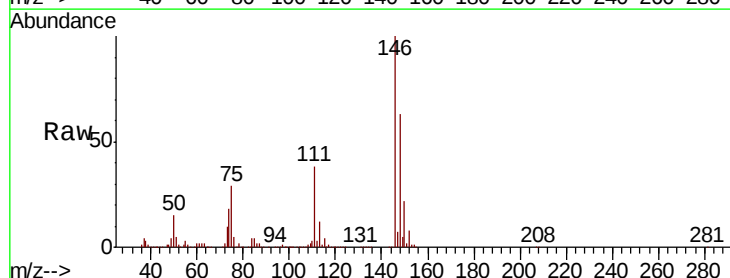
Instrument :
 MSVOA_X
 ClientSampleId :

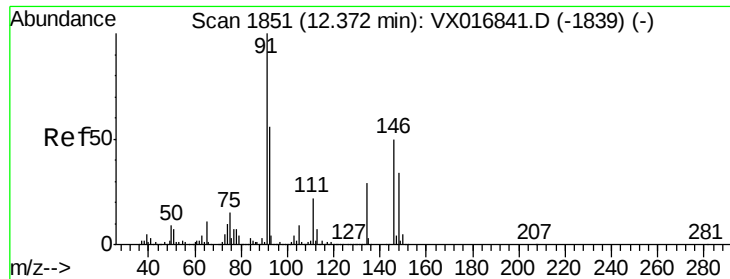
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.2
148	65.0	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.011 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.0	57.0
148	64.4	31.6	95.0

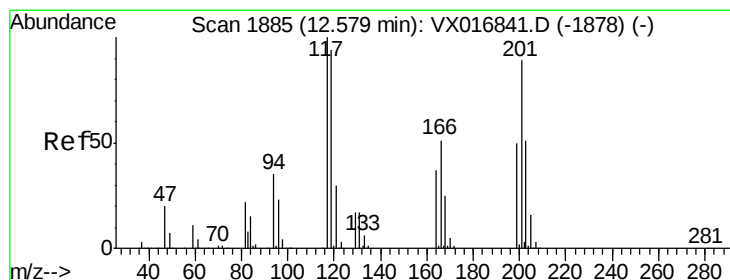
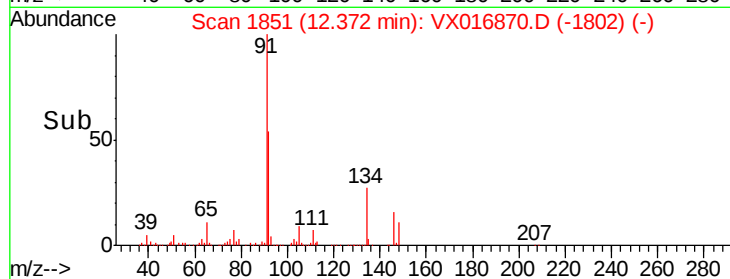
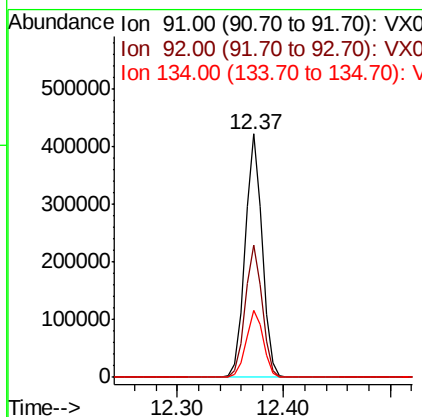
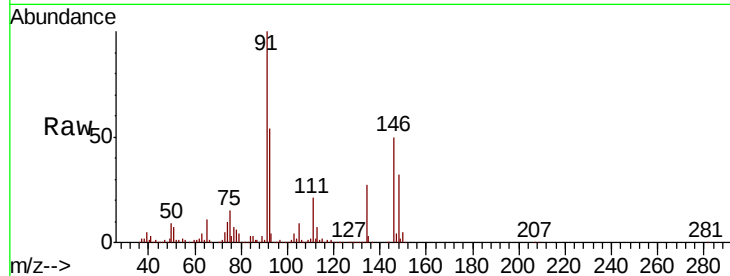




#89
n-Butylbenzene
Concen: 41.830 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

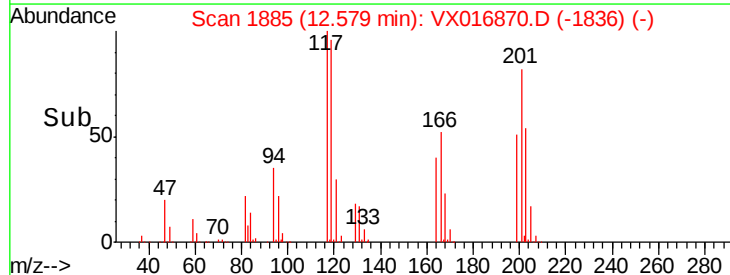
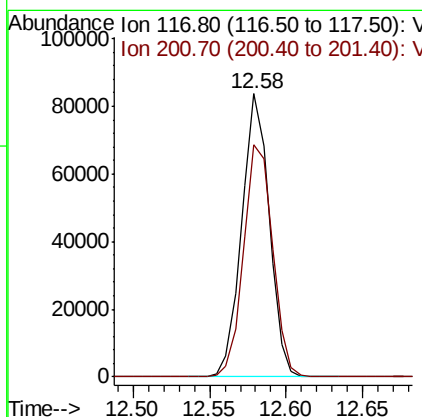
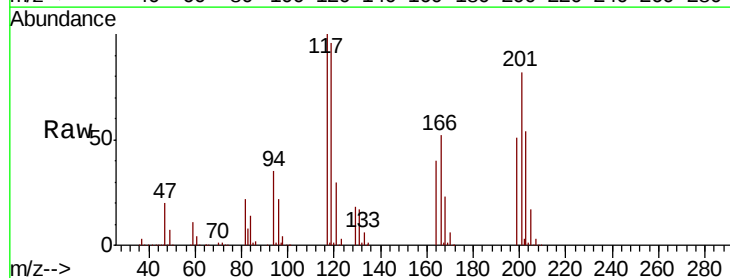
Instrument :
MSVOA_X
ClientSampled :

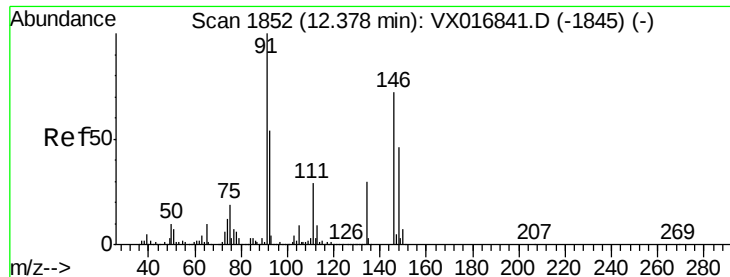
Tot Ion: 91 Resp: 471606
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.2
134 27.5 13.9 41.6



#90
Hexachloroethane
Concen: 49.305 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion: 117 Resp: 104540
Ion Ratio Lower Upper
117 100
201 86.5 44.9 134.5





#91

1,2-Dichlorobenzene

Concen: 46.504 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

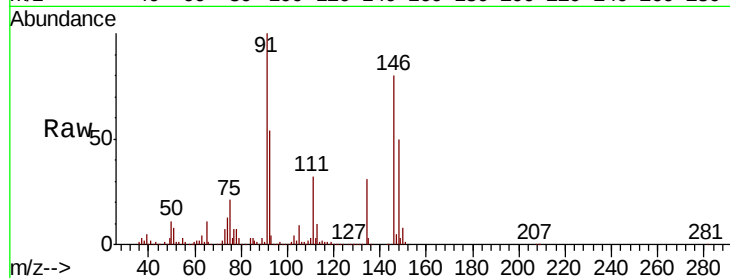
Tot Ion:146 Resp: 289839

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.7

148 64.1 32.9 98.6

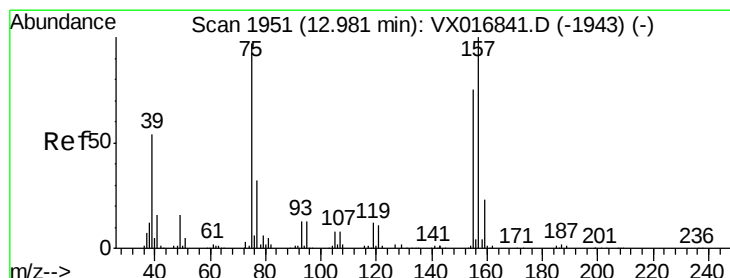
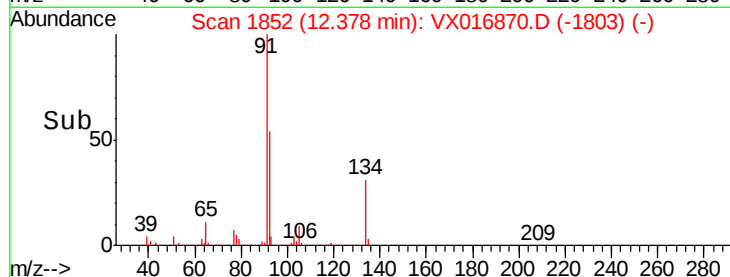
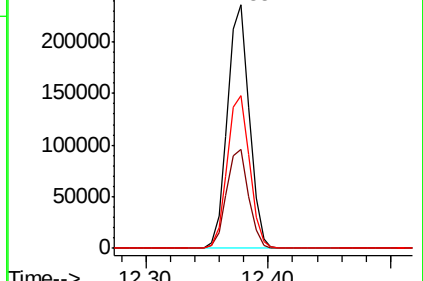


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.38



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.939 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

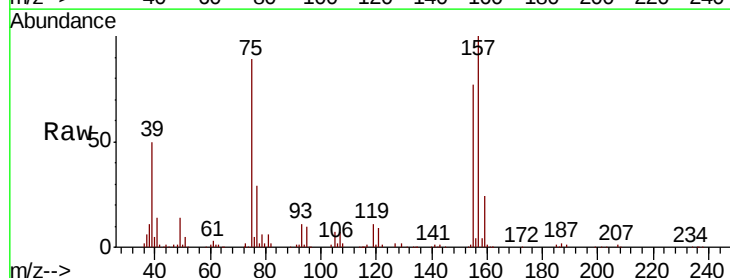
Tgt Ion: 75 Resp: 43323

Ion Ratio Lower Upper

75 100

155 90.8 46.4 139.1

157 119.4 58.6 175.8

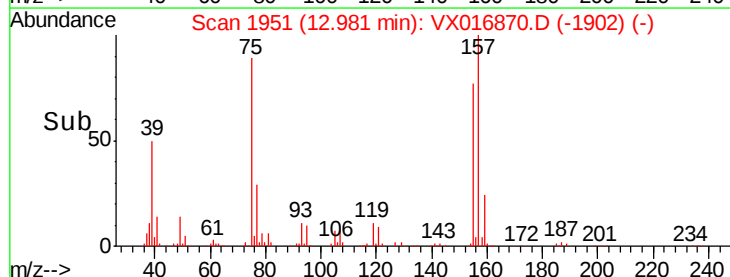
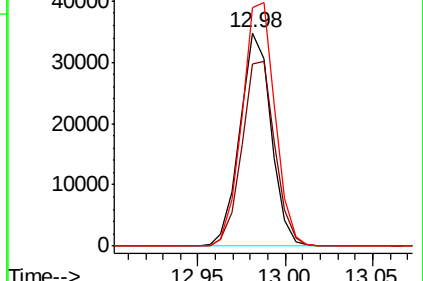


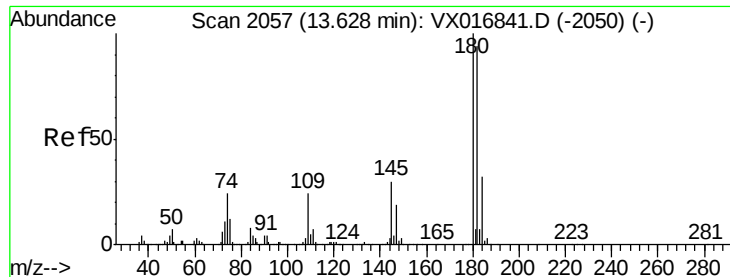
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

12.98

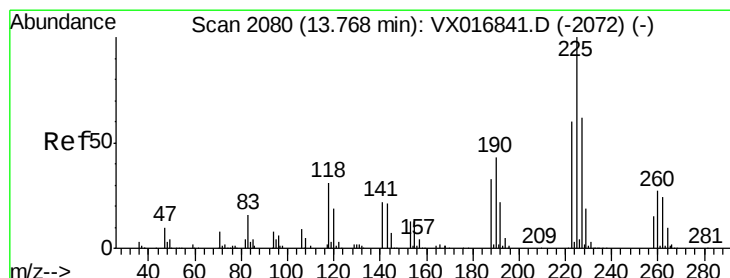
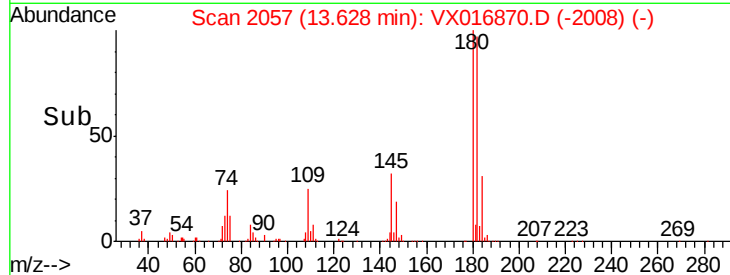
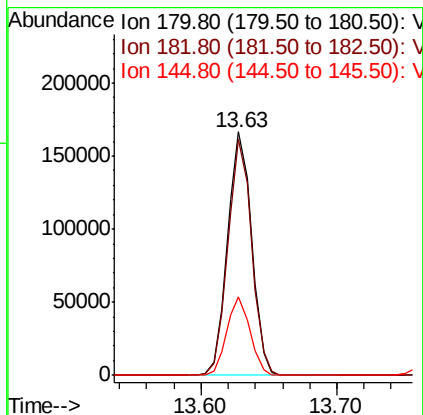
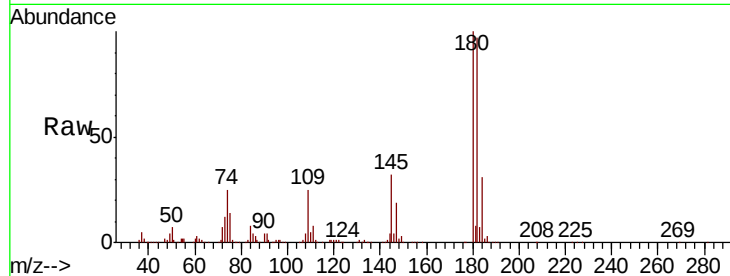




#93
 1,2,4-Trichlorobenzene
 Concen: 48.669 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

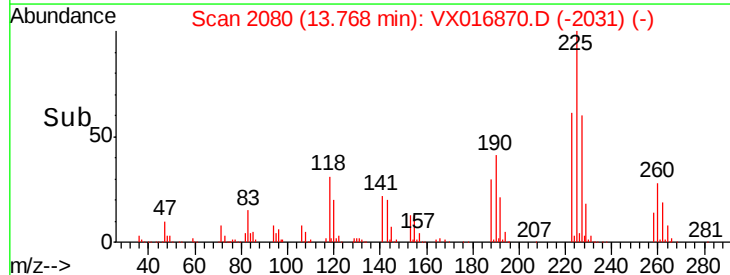
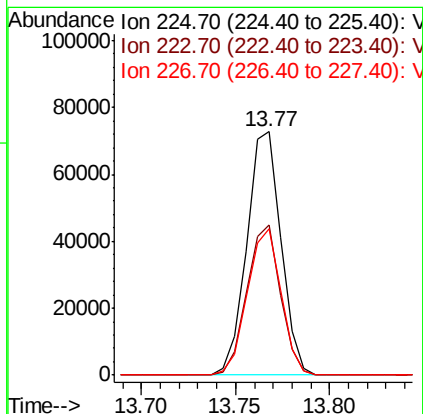
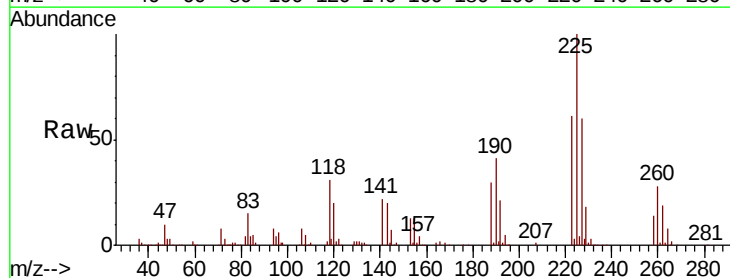
Instrument :
 MSVOA_X
 ClientSampled :

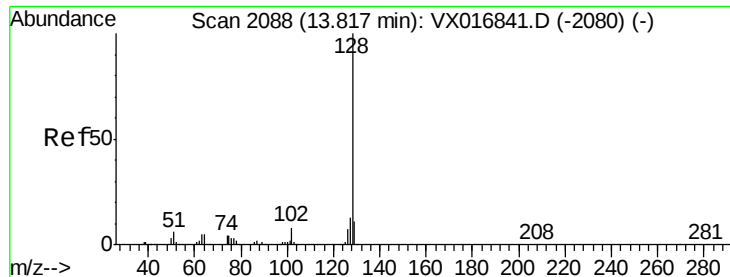
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.7	143.1
145	31.5	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 48.427 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	32.1	96.5
227	59.4	32.3	96.8

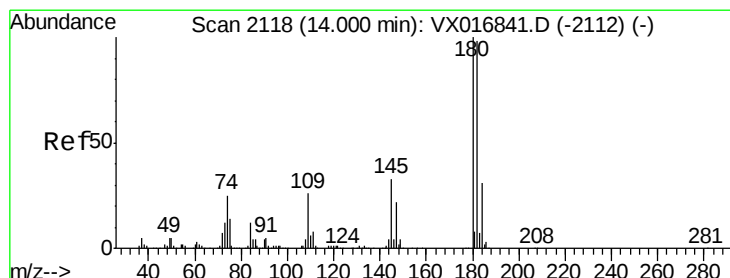
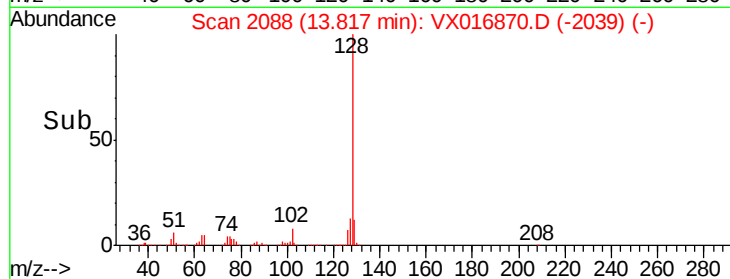
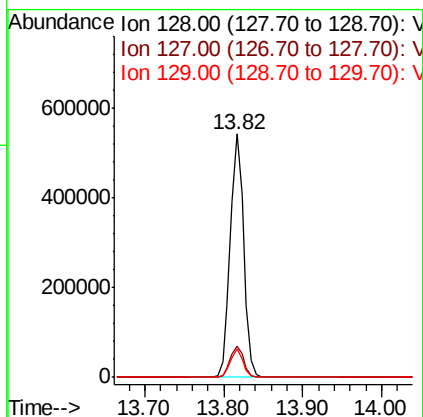
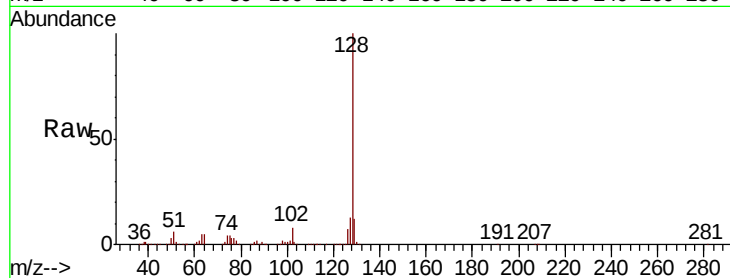




#95
Naphthalene
Concen: 52.230 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 641753
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.898 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion:180 Resp: 199914
Ion Ratio Lower Upper
180 100
182 97.6 47.4 142.3
145 32.5 16.0 48.0

