

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016967.D
 Acq On : 25 Jun 2020 21:08
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 08:36:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	217378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	369315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	340927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	172637	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	148198	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
35) Dibromofluoromethane	5.47	113	113432	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
50) Toluene-d8	8.70	98	422479	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	11.12	95	162458	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	116957	56.454	ug/l	99
3) Chloromethane	1.31	50	133643	50.181	ug/l	99
4) Vinyl Chloride	1.39	62	134713	49.387	ug/l	98
5) Bromomethane	1.62	94	95972	52.985	ug/l	99
6) Chloroethane	1.71	64	85877	46.389	ug/l	98
7) Trichlorofluoromethane	1.92	101	219820	49.403	ug/l	97
8) Diethyl Ether	2.17	74	78256	45.657	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116728	49.011	ug/l	100
10) Methyl Iodide	2.49	142	139844	46.999	ug/l	99
11) Tert butyl alcohol	3.01	59	148639	239.843	ug/l	100
12) 1,1-Dichloroethene	2.36	96	114827	47.656	ug/l	95
13) Acrolein	2.27	56	126793	276.034	ug/l	98
14) Allyl chloride	2.71	41	214273	47.761	ug/l	99
15) Acrylonitrile	3.12	53	344915	239.707	ug/l	99
16) Acetone	2.42	43	296292	230.904	ug/l	100
17) Carbon Disulfide	2.55	76	359335	47.032	ug/l	98
18) Methyl Acetate	2.75	43	147382	47.211	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	408416	48.496	ug/l	99
20) Methylene Chloride	2.84	84	128409	44.022	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	128118	47.062	ug/l	99
22) Diisopropyl ether	3.82	45	427940	48.655	ug/l	97
23) Vinyl Acetate	3.79	43	1878062	243.985	ug/l	100
24) 1,1-Dichloroethane	3.67	63	232103	47.045	ug/l	99
25) 2-Butanone	4.64	43	474413	242.582	ug/l	99
26) 2,2-Dichloropropane	4.55	77	181760	45.543	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	140925	46.846	ug/l	96
28) Bromochloromethane	4.98	49	97385	42.241	ug/l	100
29) Tetrahydrofuran	5.09	42	312820	243.318	ug/l	98
30) Chloroform	5.18	83	232723	46.967	ug/l	95
31) Cyclohexane	5.55	56	203230	49.311	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	212937	47.968	ug/l	99
36) 1,1-Dichloropropene	5.77	75	175330	47.946	ug/l	99
37) Ethyl Acetate	4.79	43	189670	48.262	ug/l	99
38) Carbon Tetrachloride	5.75	117	185961	48.050	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	199543	50.425	ug/l	97
40) Benzene	6.12	78	505717	48.022	ug/l	99
41) Methacrylonitrile	5.01	41	104860	47.882	ug/l	96
42) 1,2-Dichloroethane	6.16	62	193149	46.681	ug/l	99
43) Isopropyl Acetate	6.41	43	318161	48.123	ug/l	99
44) Trichloroethene	7.19	130	136400	48.656	ug/l	92
45) 1,2-Dichloropropane	7.49	63	132323	47.000	ug/l	94
46) Dibromomethane	7.64	93	91510	47.846	ug/l	98
47) Bromodichloromethane	7.88	83	187225	46.802	ug/l	96
48) Methyl methacrylate	7.74	41	151704	49.138	ug/l	98
49) 1,4-Dioxane	7.71	88	60040	934.935	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	943920	249.462	ug/l	100
52) Toluene	8.76	92	316950	48.830	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	209494	48.903	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	218788	48.584	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	126903	47.582	ug/l	99
56) Ethyl methacrylate	9.16	69	201581	50.431	ug/l	98
57) 1,3-Dichloropropane	9.35	76	216854	47.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	525366	254.397	ug/l	99
59) 2-Hexanone	9.48	43	712325	250.246	ug/l	100
60) Dibromochloromethane	9.57	129	146041	48.035	ug/l	97
61) 1,2-Dibromoethane	9.65	107	135565	47.606	ug/l	100
64) Tetrachloroethene	9.32	164	115891	50.217	ug/l	94
65) Chlorobenzene	10.12	112	339310	48.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	128763	49.695	ug/l	99
67) Ethyl Benzene	10.23	91	611857	49.993	ug/l	99
68) m/p-Xylenes	10.34	106	459609	101.084	ug/l	98
69) o-Xylene	10.68	106	219106	50.511	ug/l	98
70) Styrene	10.70	104	379647	51.378	ug/l	99
71) Bromoform	10.84	173	106307	51.600	ug/l #	96
73) Isopropylbenzene	11.00	105	595429	50.093	ug/l	100
74) N-amyl acetate	10.88	43	275653	49.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	193412	48.352	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	235364	64.964	ug/l	85
77) Bromobenzene	11.24	156	149565	48.532	ug/l	96
78) n-propylbenzene	11.34	91	691785	49.309	ug/l	99
79) 2-Chlorotoluene	11.40	91	404826	47.985	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	502640	50.876	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	68790	48.206	ug/l	96
82) 4-Chlorotoluene	11.49	91	487440	49.091	ug/l	99
83) tert-Butylbenzene	11.76	119	490377	50.963	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	508843	50.918	ug/l	98
85) sec-Butylbenzene	11.93	105	573463	51.116	ug/l	100
86) p-Isopropyltoluene	12.05	119	529592	51.665	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	268457	48.534	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	273666	48.464	ug/l	100
89) n-Butylbenzene	12.37	91	484301	50.194	ug/l	99
90) Hexachloroethane	12.58	117	102462	48.218	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	254923	48.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43469	47.491	ug/l	96

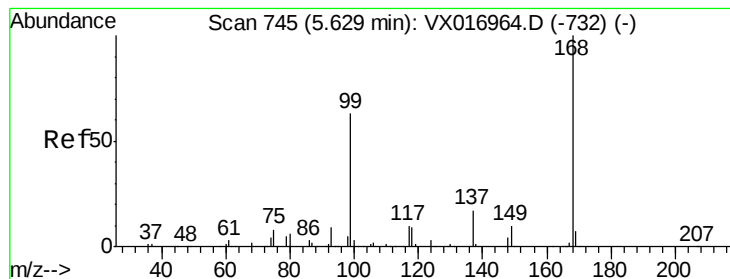
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	168456	49.297	ug/l	98
94) Hexachlorobutadiene	13.76	225	63037	51.347	ug/l	97
95) Naphthalene	13.82	128	581188	51.756	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	166126	50.691	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

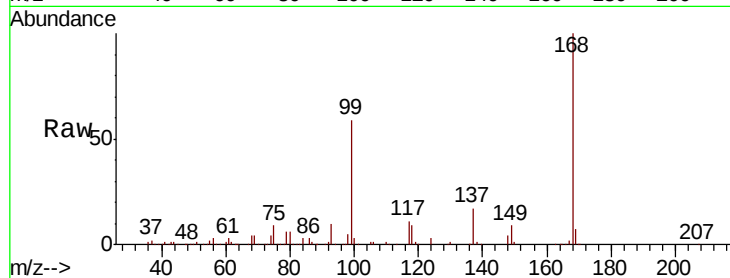
ClientSampleId :

Tot Ion:168 Resp: 217378

Ion Ratio Lower Upper

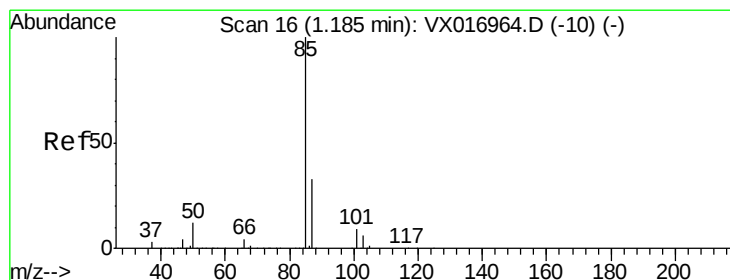
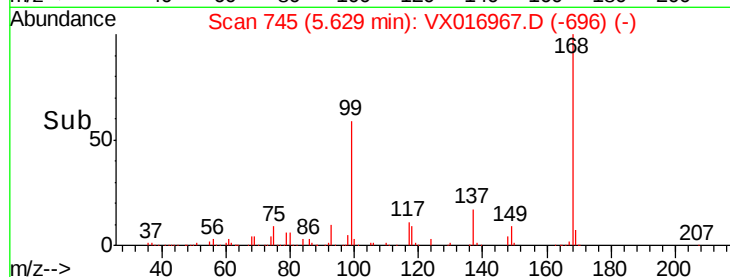
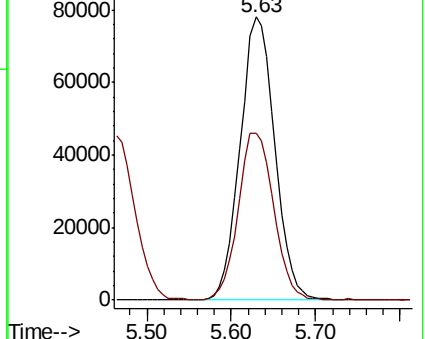
168 100

99 58.6 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 56.454 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016967.D

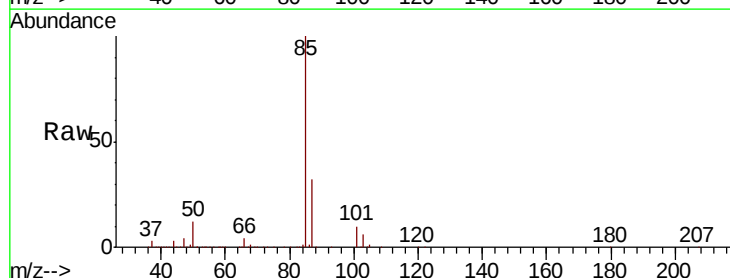
Acq: 25 Jun 2020 21:08

Tgt Ion: 85 Resp: 116957

Ion Ratio Lower Upper

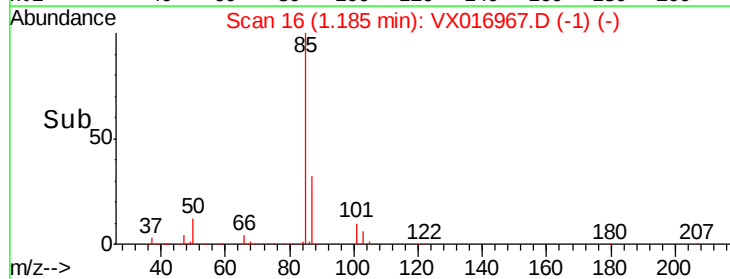
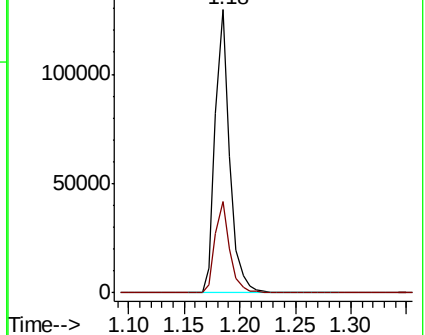
85 100

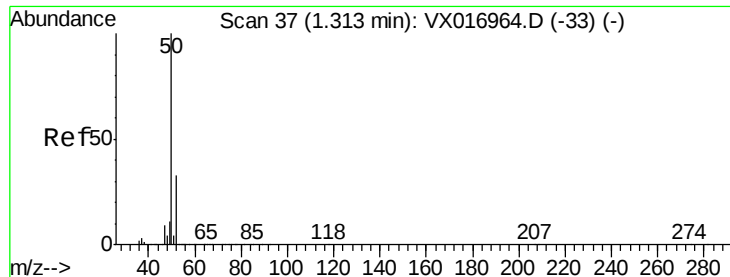
87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.181 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

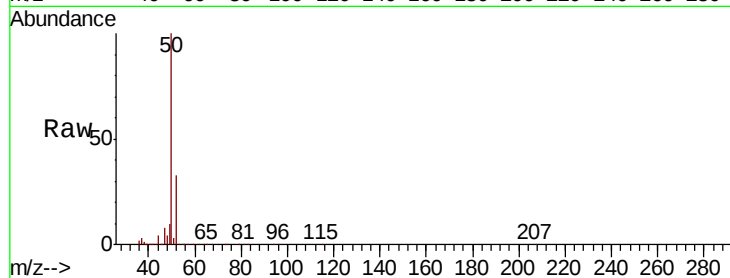
ClientSampleId :

Tot Ion: 50 Resp: 133643

Ion Ratio Lower Upper

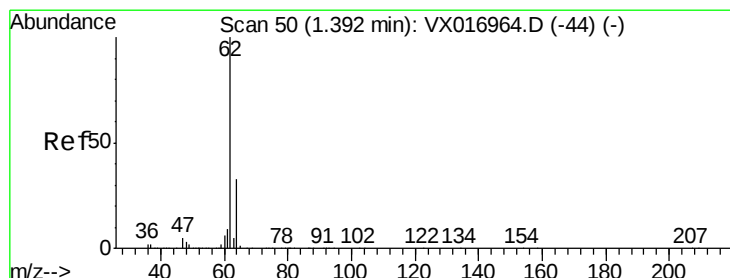
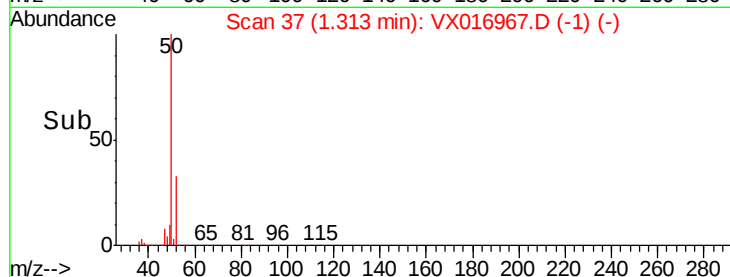
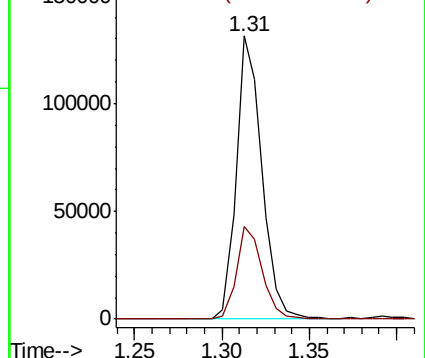
50 100

52 32.7 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.387 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016967.D

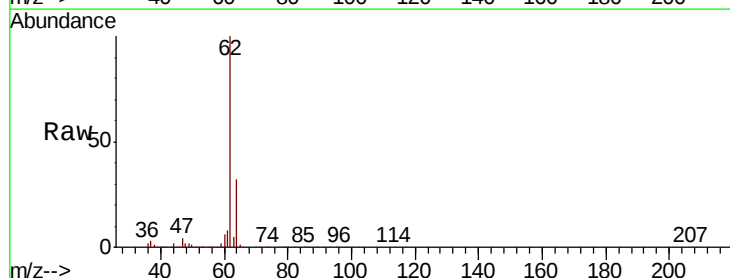
Acq: 25 Jun 2020 21:08

Tgt Ion: 62 Resp: 134713

Ion Ratio Lower Upper

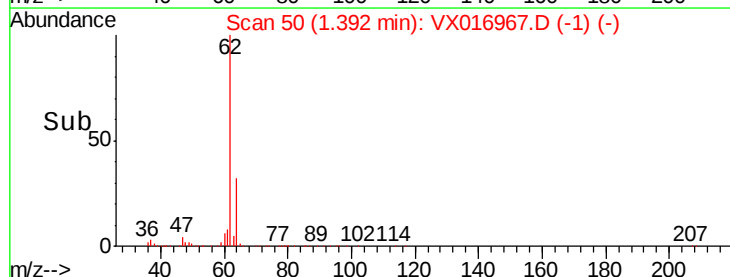
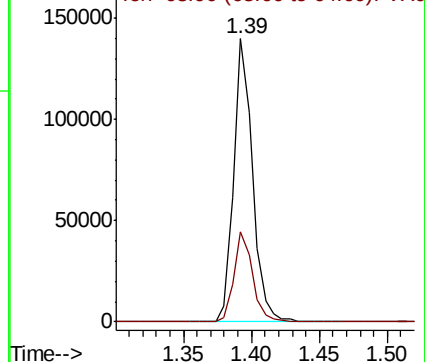
62 100

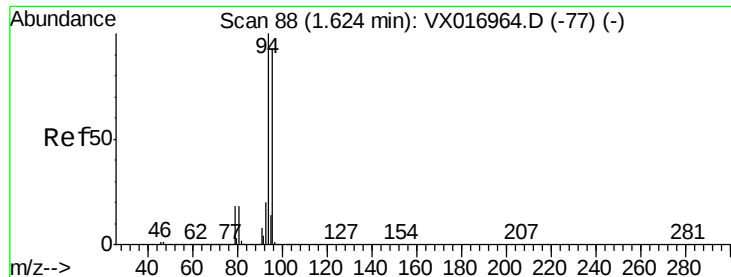
64 32.1 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.985 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

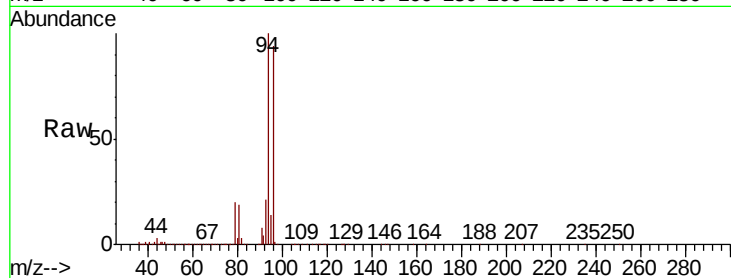
ClientSampleId :

Tot Ion: 94 Resp: 95972

Ion Ratio Lower Upper

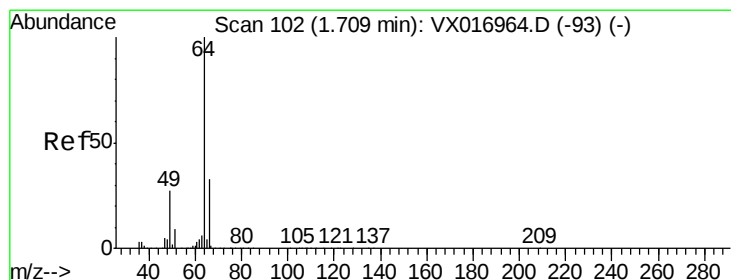
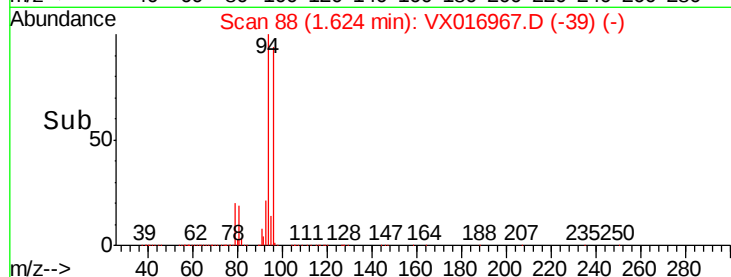
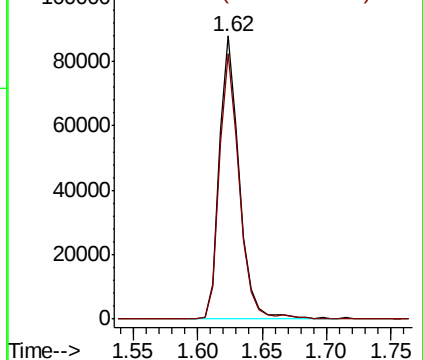
94 100

96 93.9 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.389 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016967.D

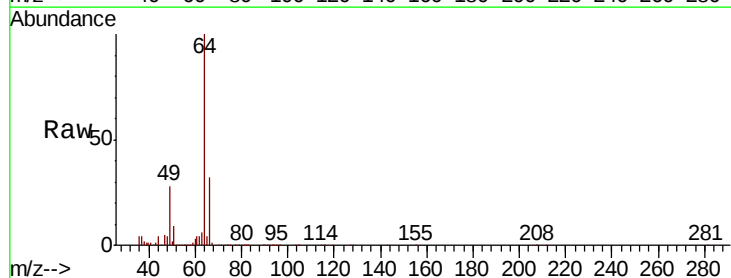
Acq: 25 Jun 2020 21:08

Tgt Ion: 64 Resp: 85877

Ion Ratio Lower Upper

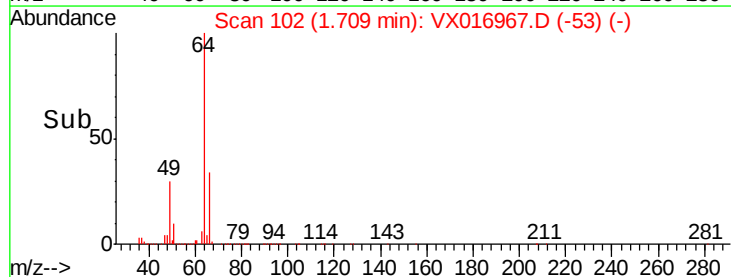
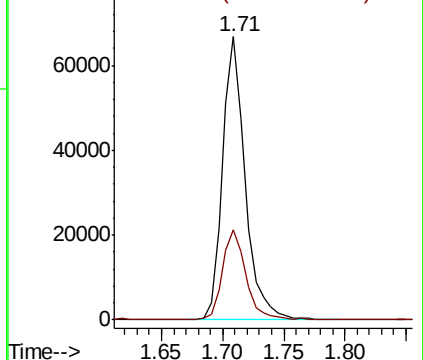
64 100

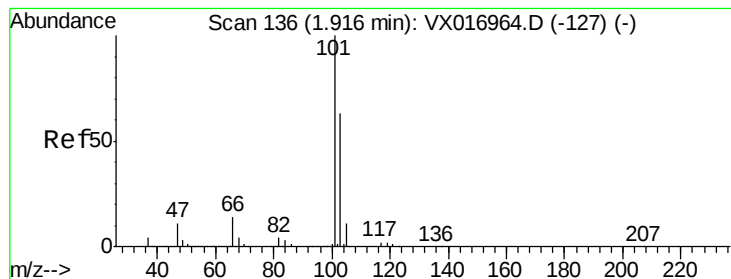
66 31.8 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



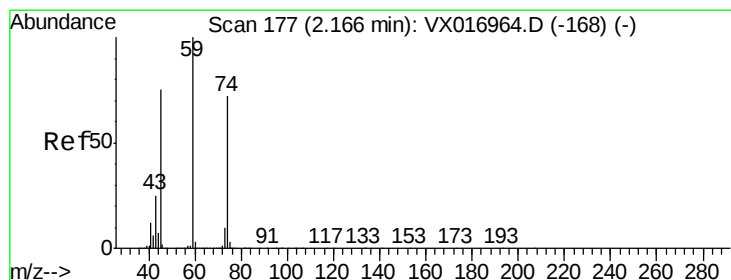
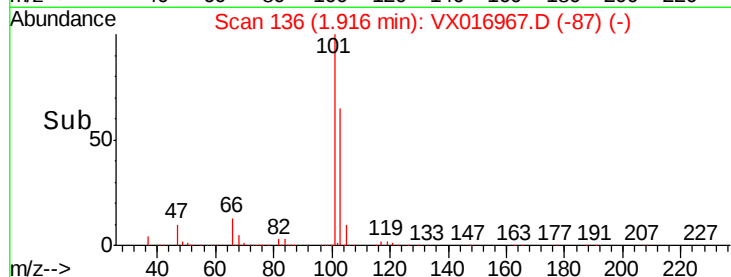
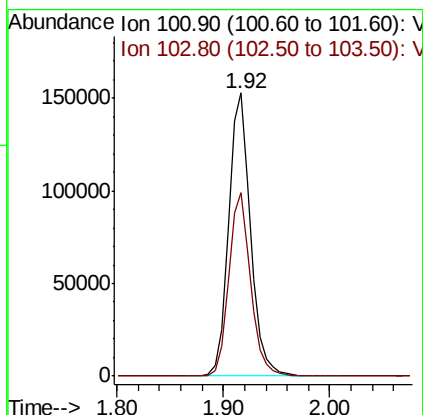
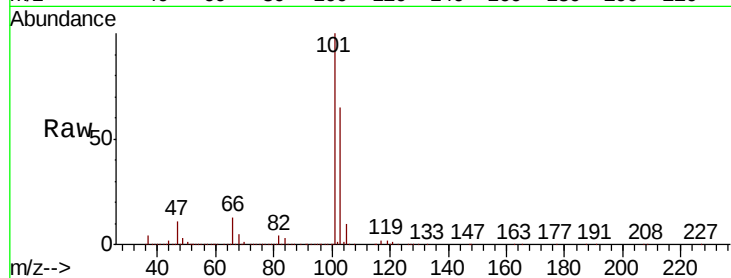


#7

Trichlorofluoromethane
Concen: 49.403 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :

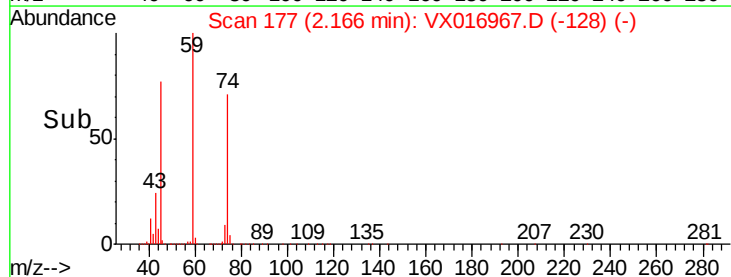
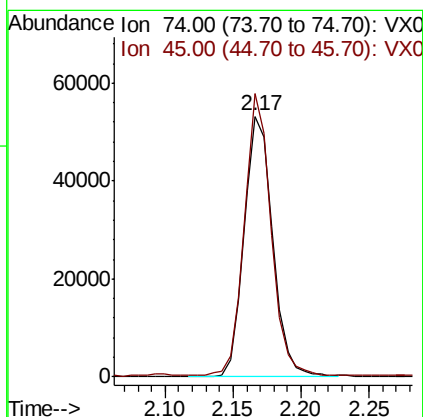
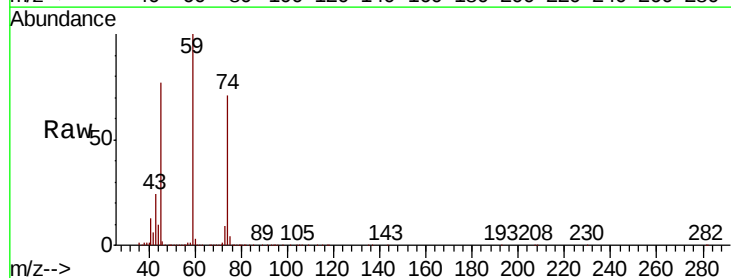
Tot Ion:101 Resp: 219820
Ion Ratio Lower Upper
101 100
103 64.9 50.2 75.4

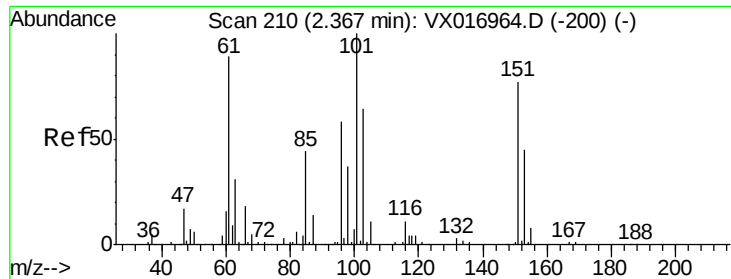


#8

Diethyl Ether
Concen: 45.657 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion: 74 Resp: 78256
Ion Ratio Lower Upper
74 100
45 100.7 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.011 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

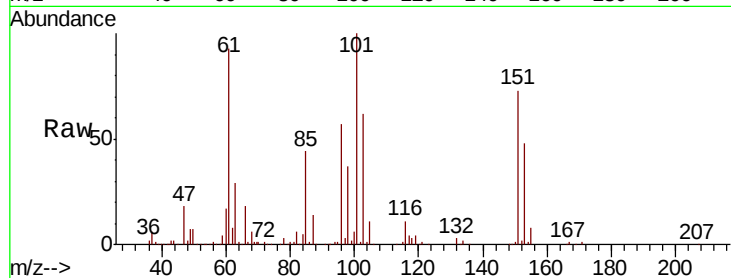
Tot Ion:101 Resp: 116728

Ion Ratio Lower Upper

101 100

85 45.5 36.8 55.2

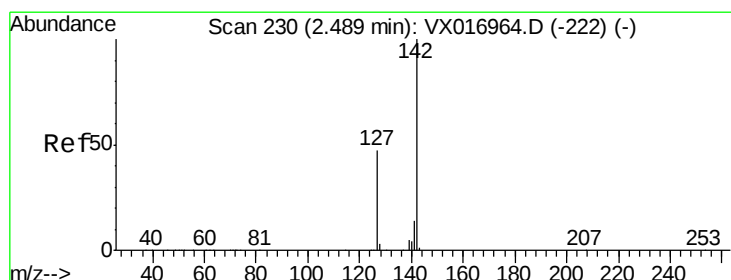
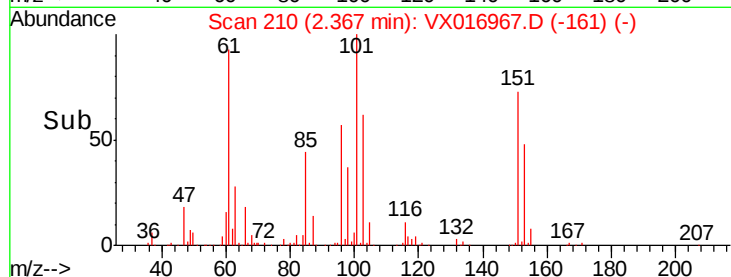
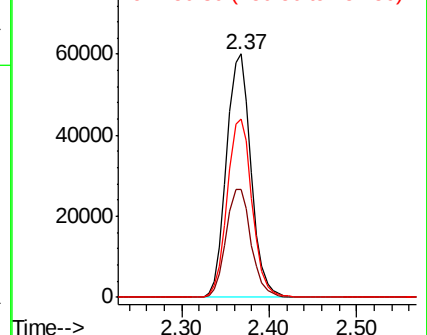
151 74.5 59.8 89.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.999 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

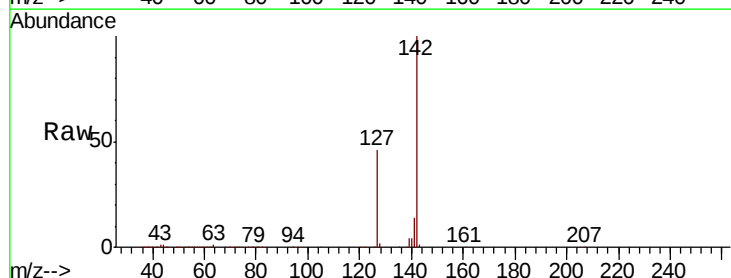
Tgt Ion:142 Resp: 139844

Ion Ratio Lower Upper

142 100

127 46.1 37.4 56.0

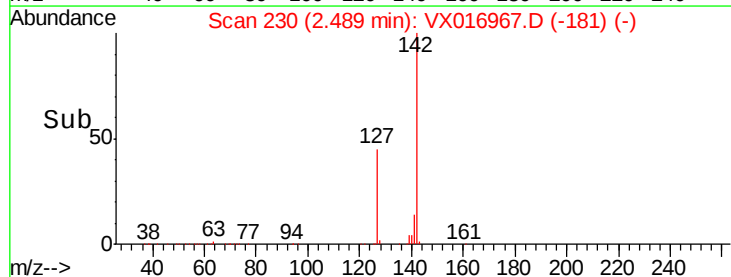
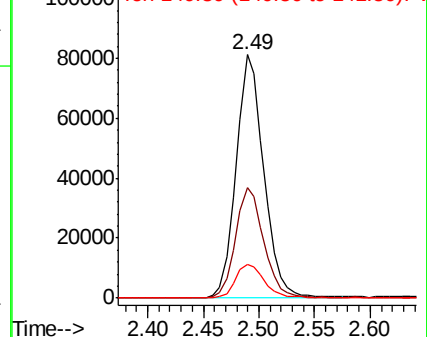
141 14.6 11.7 17.5

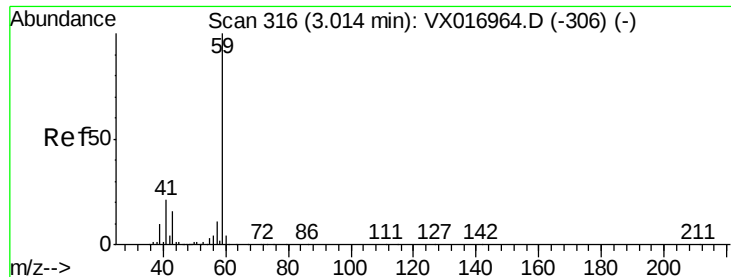


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

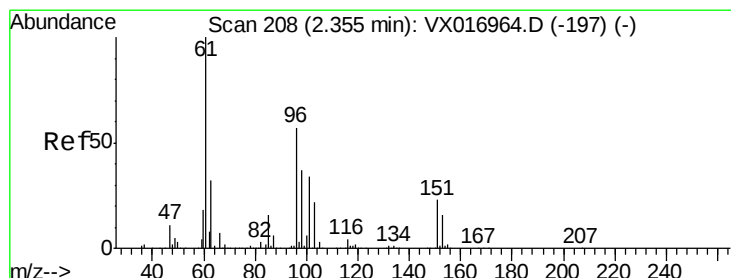
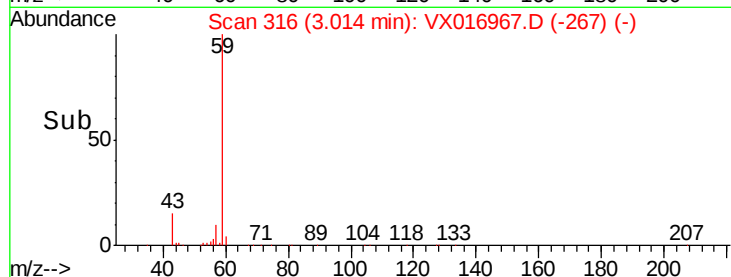
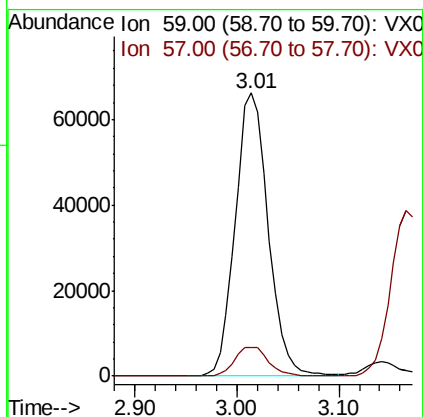
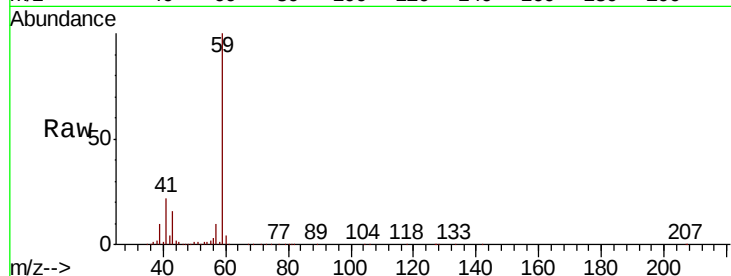




#11
Tert butyl alcohol
Concen: 239.843 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

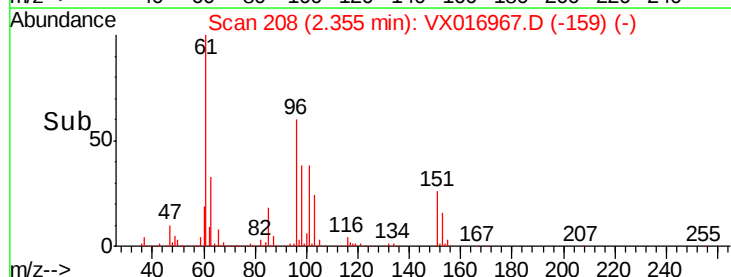
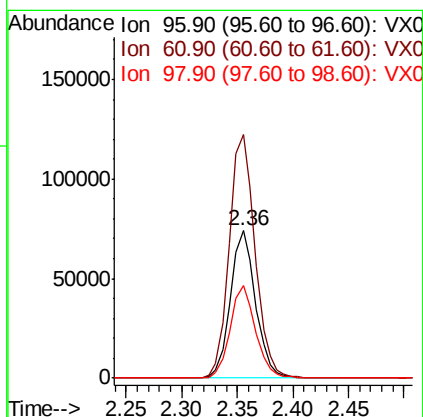
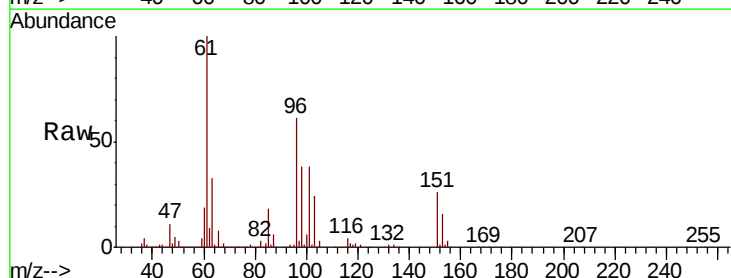
Instrument :
MSVOA_X
ClientSampled :

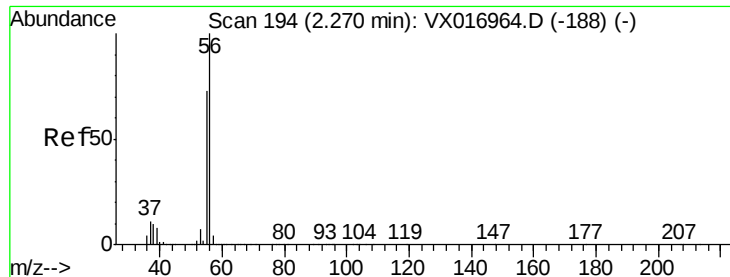
Tot Ion: 59 Resp: 148639
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#12
1,1-Dichloroethene
Concen: 47.656 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion: 96 Resp: 114827
Ion Ratio Lower Upper
96 100
61 165.2 139.7 209.5
98 62.9 51.0 76.6

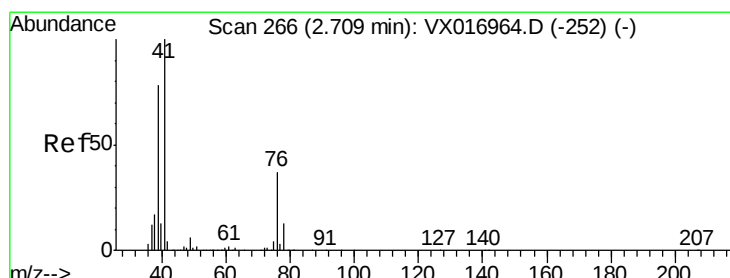
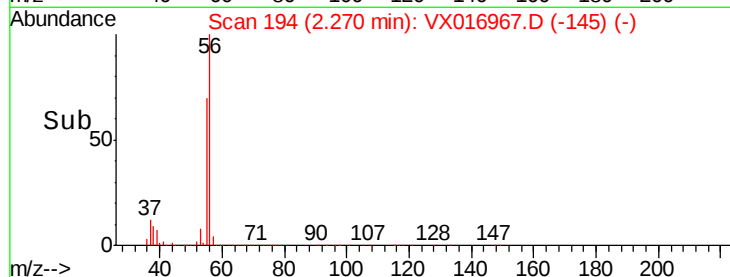
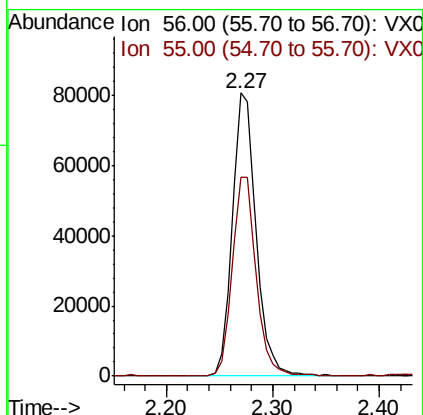
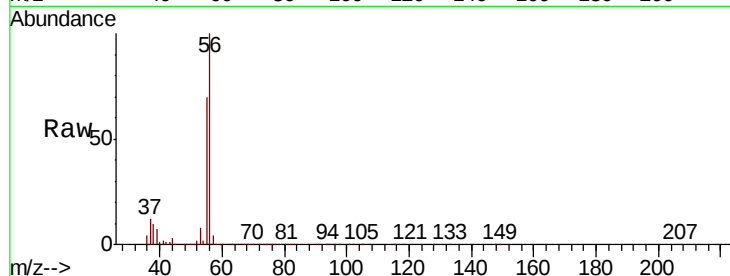




#13
Acrolein
Concen: 276.034 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

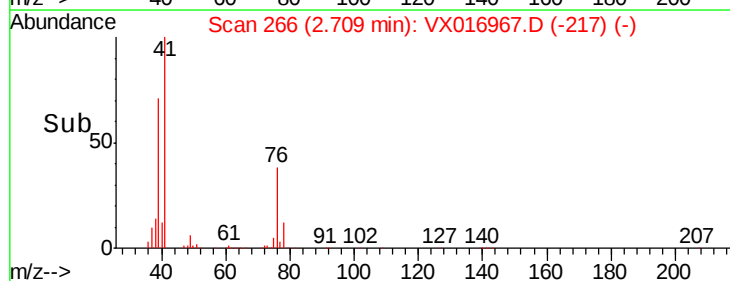
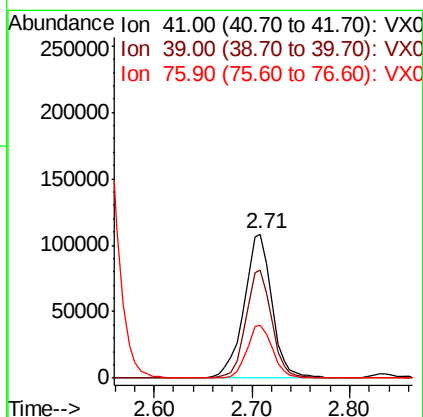
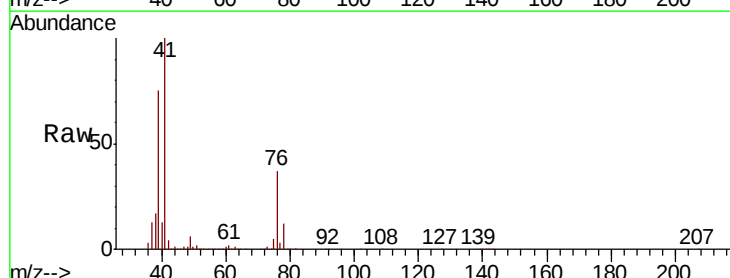
Instrument :
MSVOA_X
ClientSampleId :

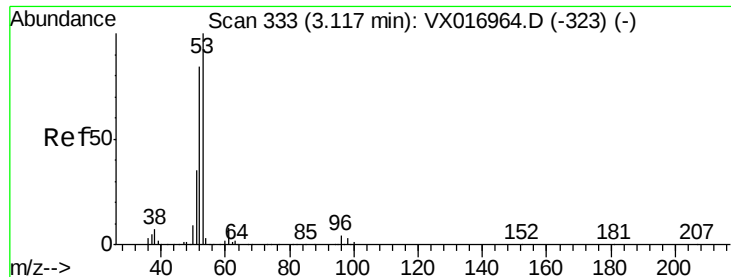
Tot Ion: 56 Resp: 126793
Ion Ratio Lower Upper
56 100
55 70.5 57.5 86.3



#14
Allyl chloride
Concen: 47.761 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion: 41 Resp: 214273
Ion Ratio Lower Upper
41 100
39 69.6 56.4 84.6
76 33.8 26.5 39.7





#15

Acrylonitrile

Concen: 239.707 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

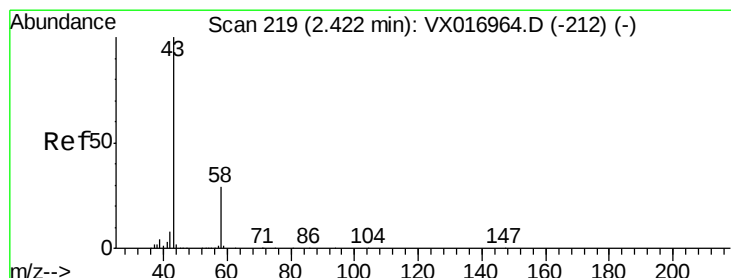
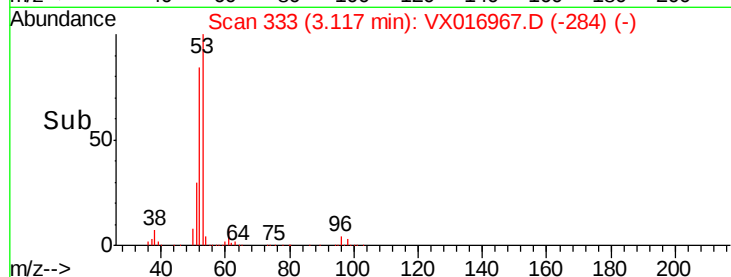
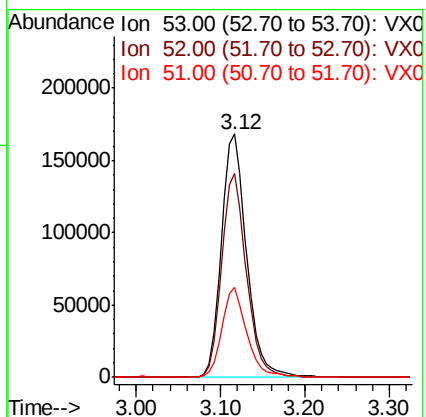
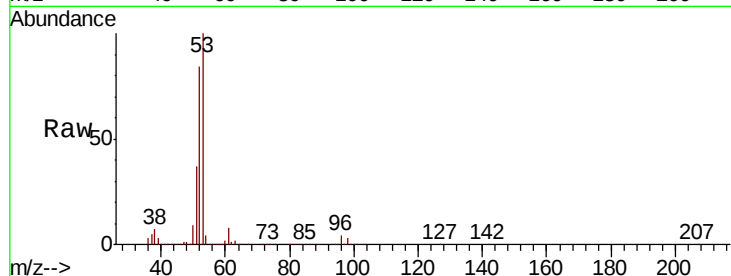
Tot Ion: 53 Resp: 344915

Ion Ratio Lower Upper

53 100

52 81.9 66.3 99.5

51 36.6 29.0 43.6



#16

Acetone

Concen: 230.904 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016967.D

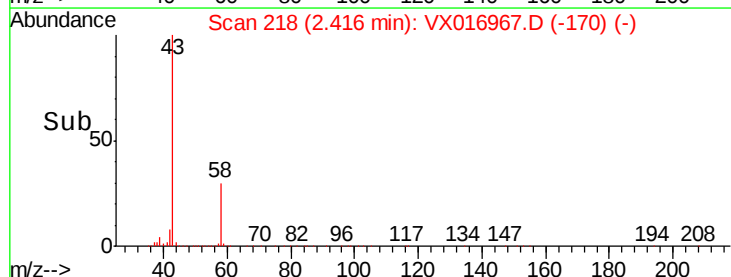
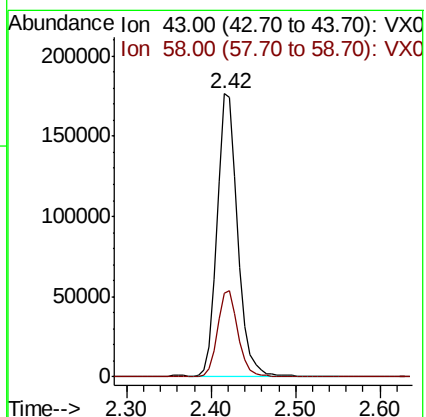
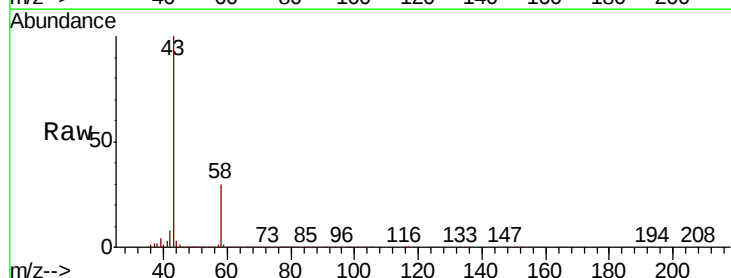
Acq: 25 Jun 2020 21:08

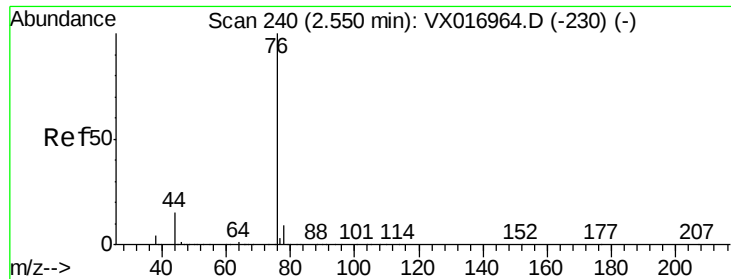
Tgt Ion: 43 Resp: 296292

Ion Ratio Lower Upper

43 100

58 29.5 23.5 35.3





#17

Carbon Disulfide

Concen: 47.032 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

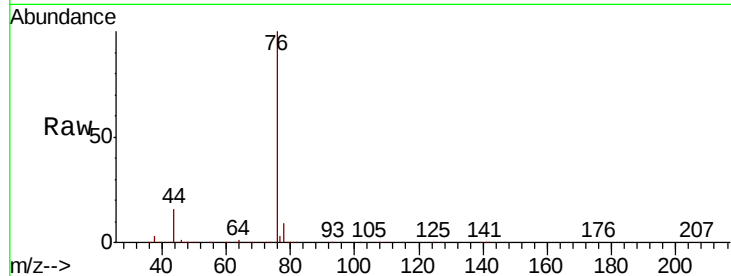
ClientSampleId :

Tot Ion: 76 Resp: 359335

Ion Ratio Lower Upper

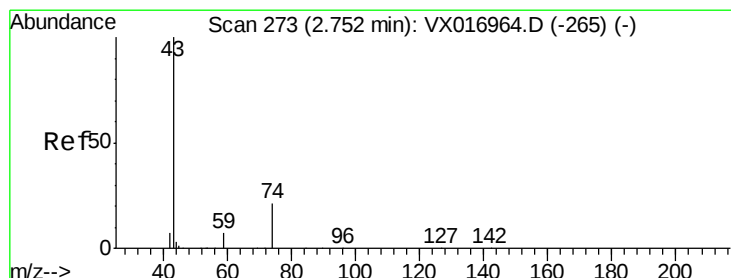
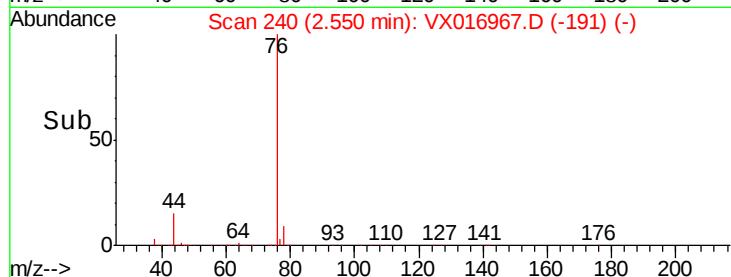
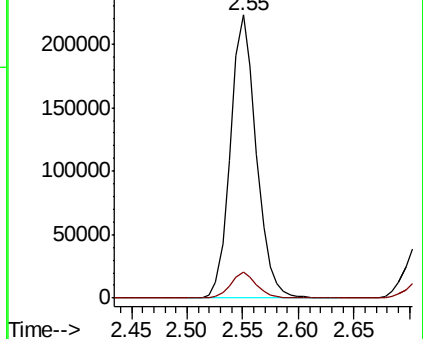
76 100

78 9.3 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.211 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016967.D

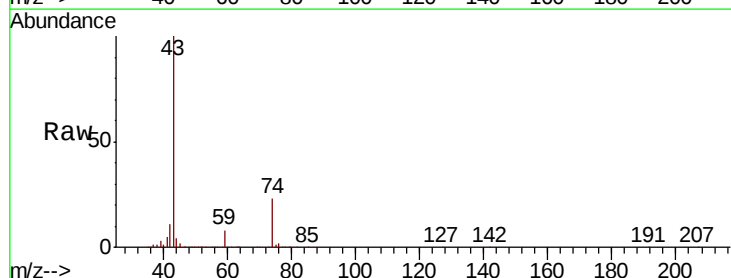
Acq: 25 Jun 2020 21:08

Tgt Ion: 43 Resp: 147382

Ion Ratio Lower Upper

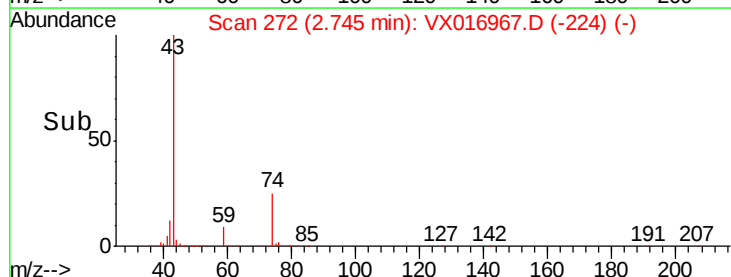
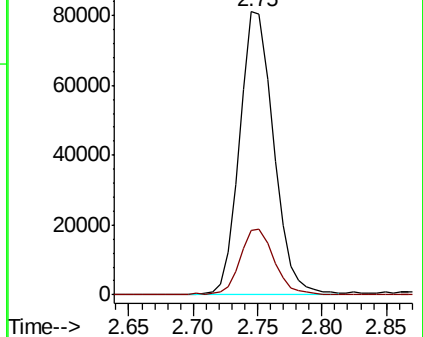
43 100

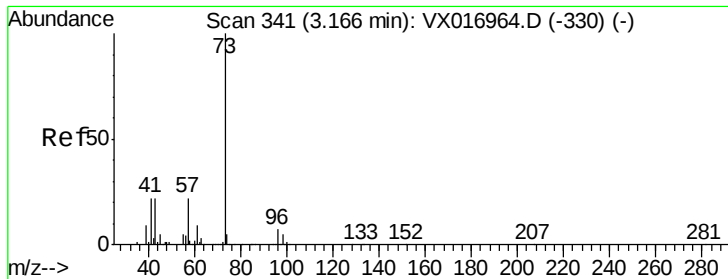
74 23.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



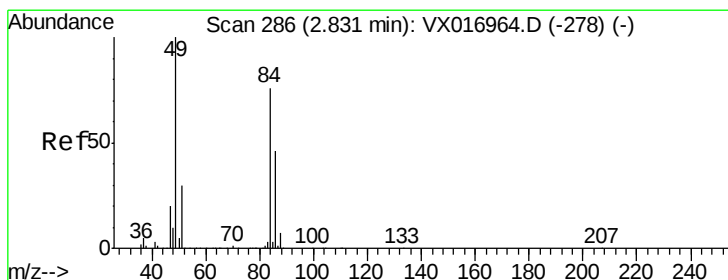
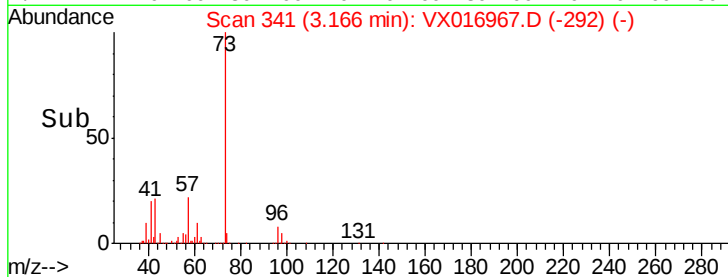
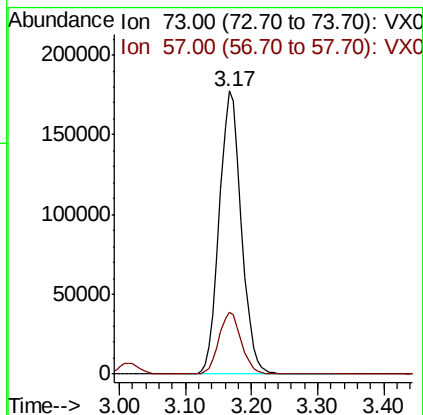
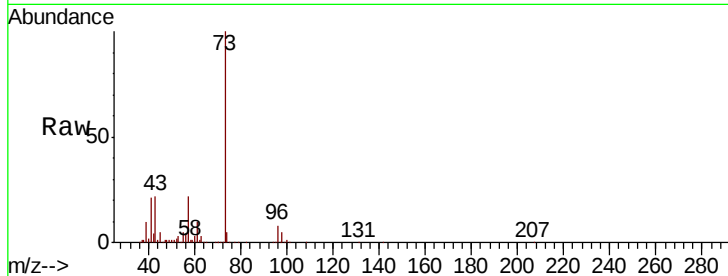


#19

Methyl tert-butyl Ether
 Concen: 48.496 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :

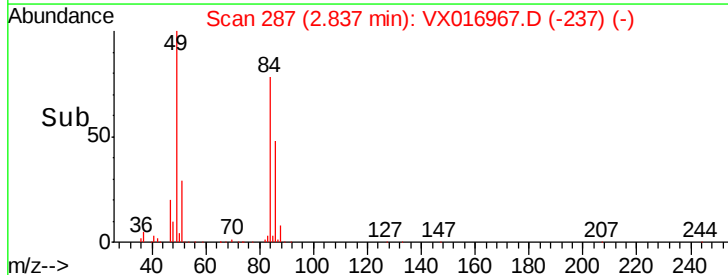
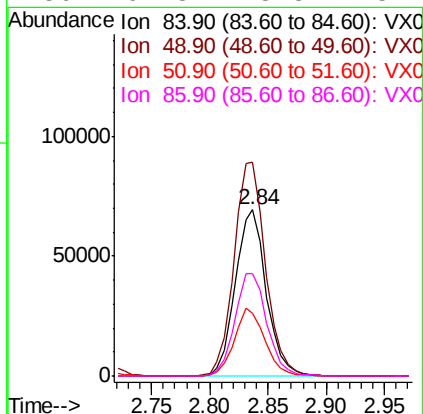
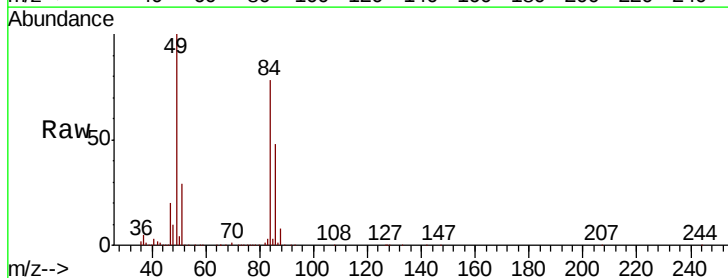
Tot Ion: 73 Resp: 408416
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.8 26.8

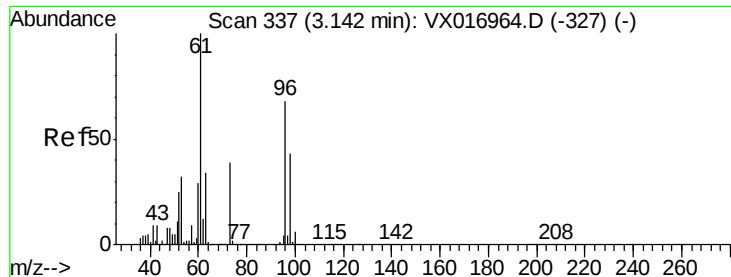


#20

Methylene Chloride
 Concen: 44.022 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion: 84 Resp: 128409
 Ion Ratio Lower Upper
 84 100
 49 128.6 105.6 158.4
 51 37.7 31.2 46.8
 86 61.8 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 47.062 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :

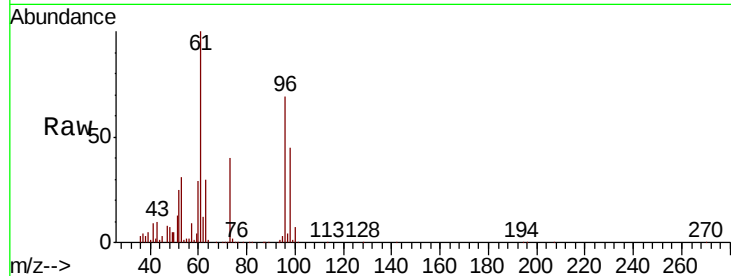
Tot Ion: 96 Resp: 128118

Ion Ratio Lower Upper

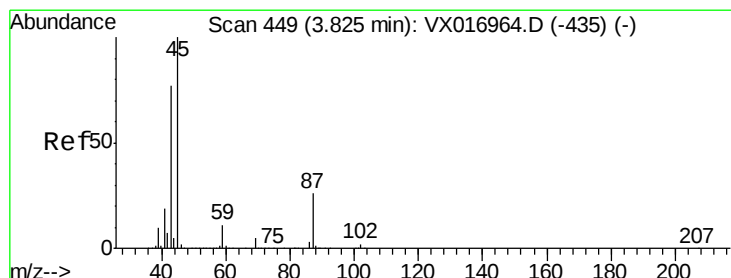
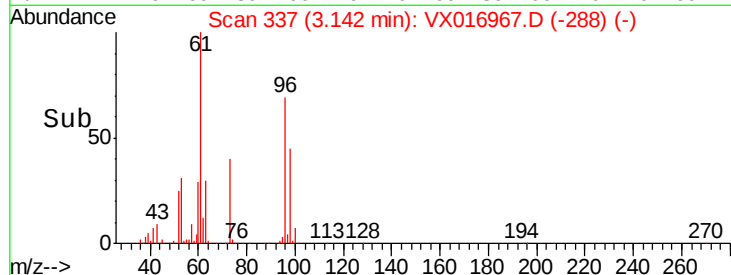
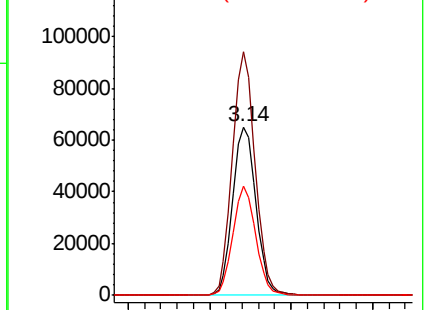
96 100

61 144.6 116.7 175.1

98 65.0 50.7 76.1



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: 48.655 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Tgt Ion: 45 Resp: 427940

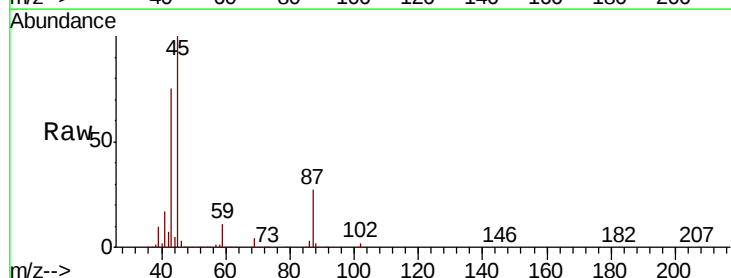
Ion Ratio Lower Upper

45 100

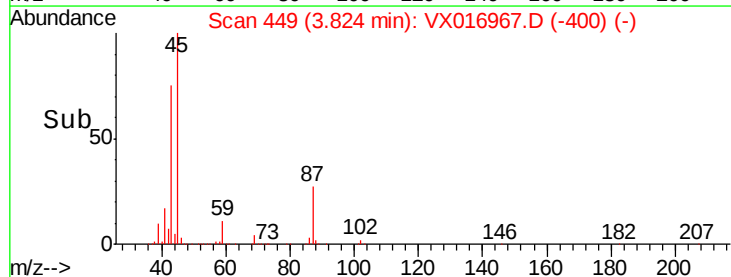
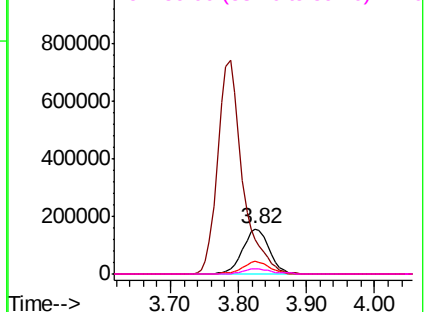
43 75.1 62.7 94.1

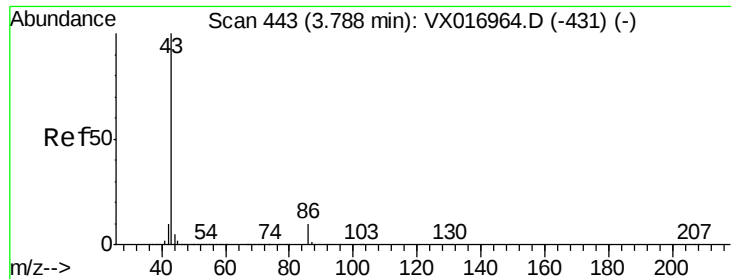
87 27.2 21.0 31.4

59 11.0 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 243.985 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

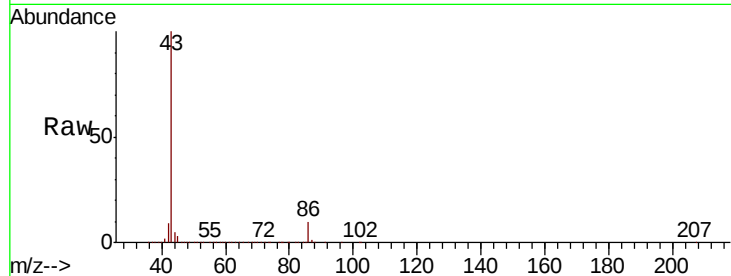
ClientSampleId :

Tot Ion: 43 Resp: 1878062

Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

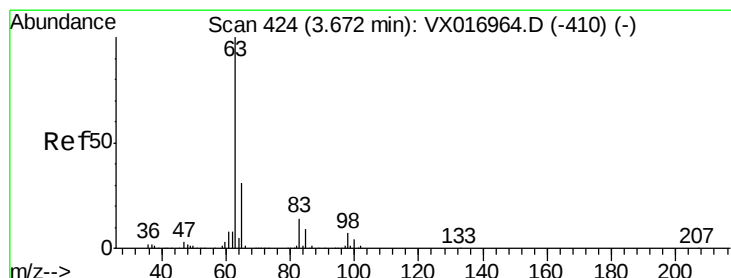
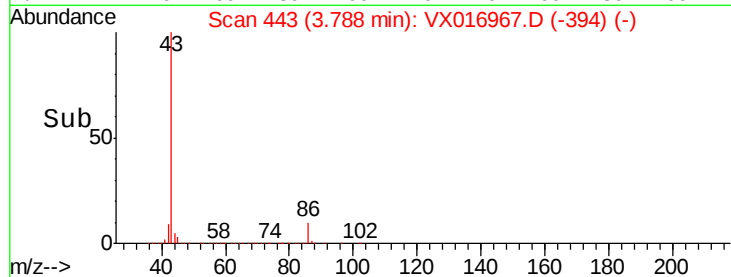
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 47.045 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

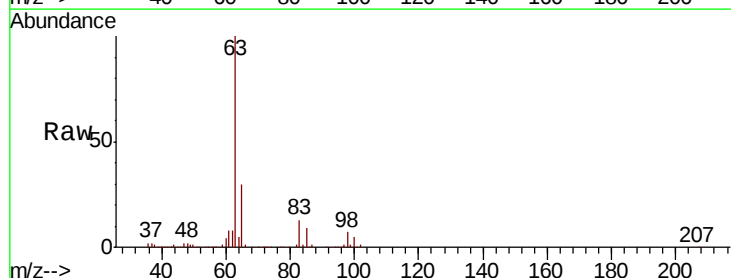
Tgt Ion: 63 Resp: 232103

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.8 2.1 6.3



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

120000

100000

80000

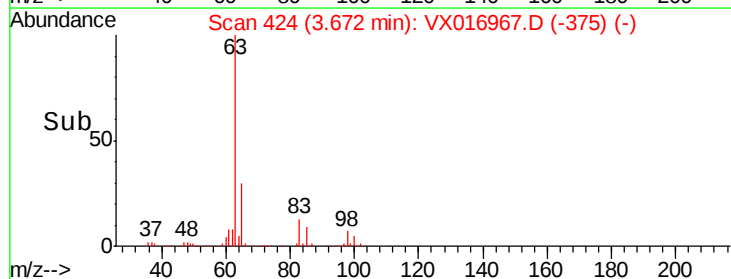
60000

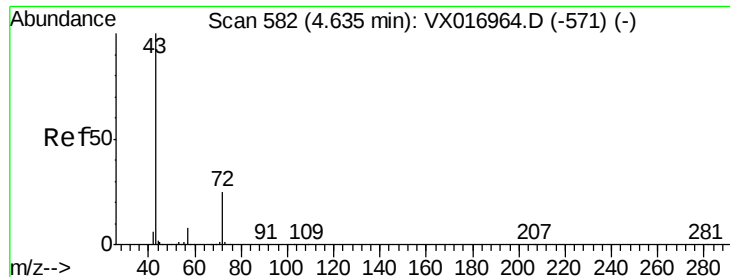
40000

20000

0

Time--> 3.60 3.70 3.80

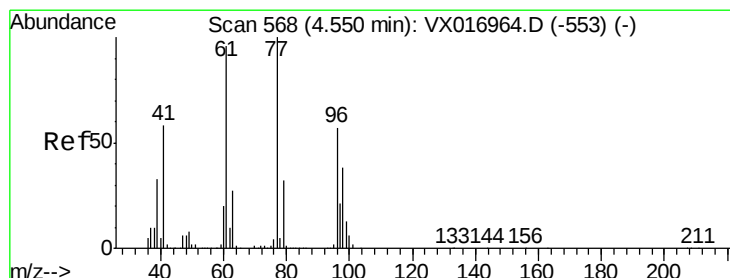
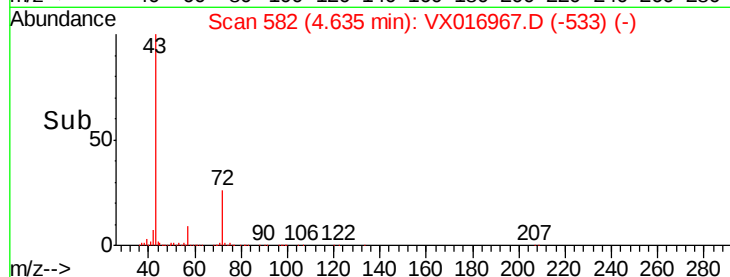
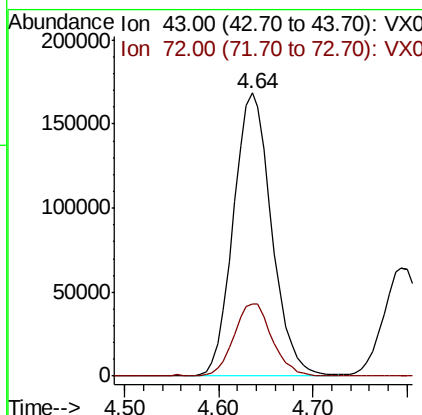
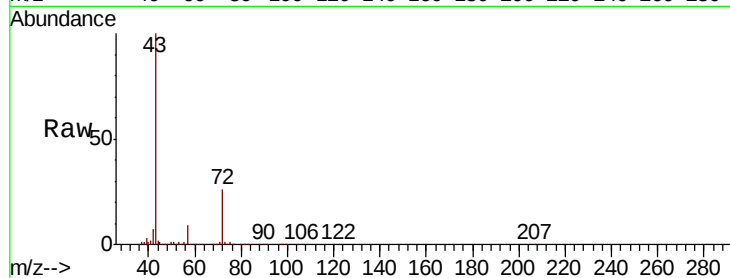




#25
2-Butanone
Concen: 242.582 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

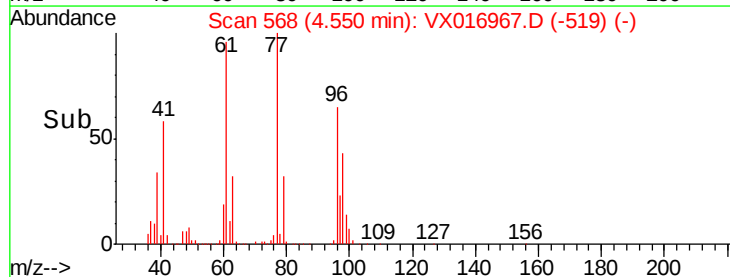
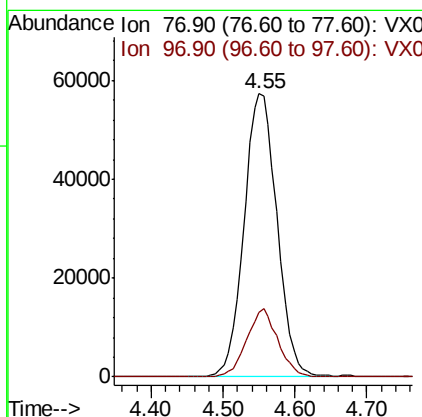
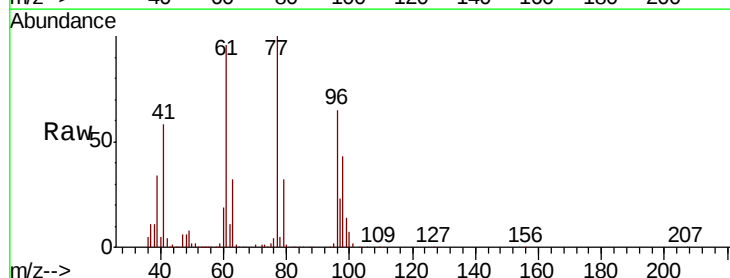
Instrument :
MSVOA_X
ClientSampleId :

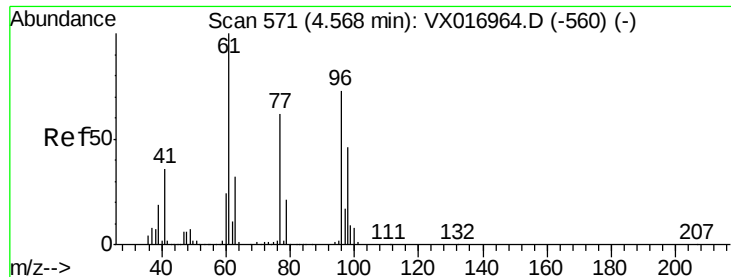
Tot Ion: 43 Resp: 474413
Ion Ratio Lower Upper
43 100
72 25.5 20.0 30.0



#26
2,2-Dichloropropane
Concen: 45.543 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion: 77 Resp: 181760
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.5



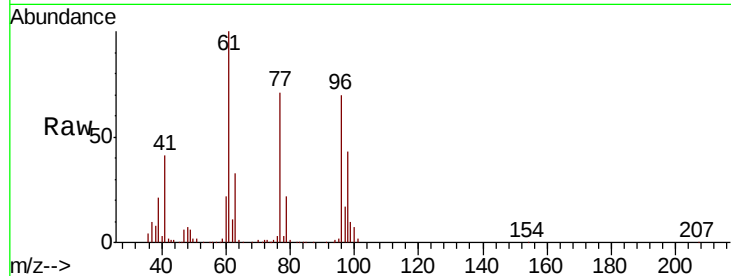


#27

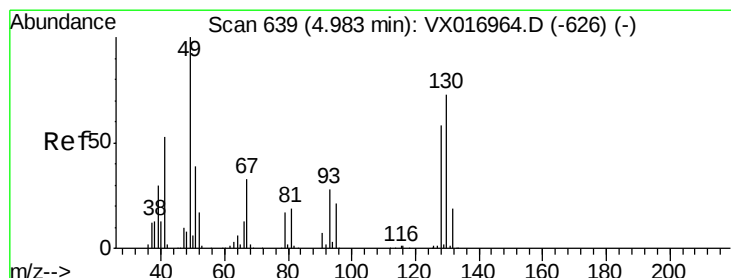
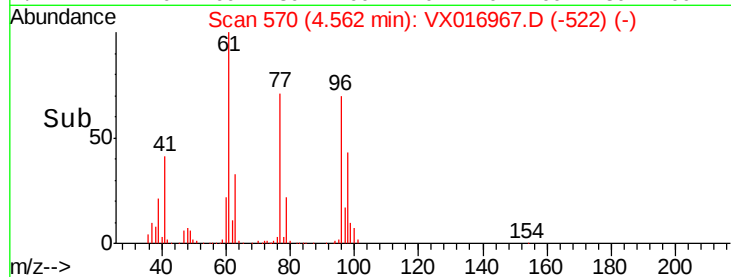
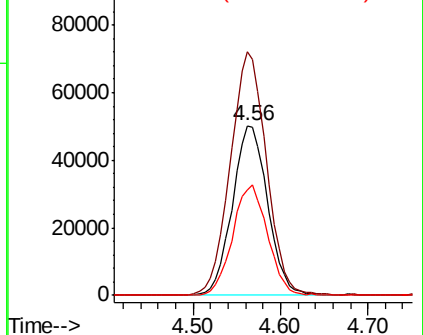
cis-1,2-Dichloroethene
Concen: 46.846 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	96	Resp	140925
Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	307.2
98	64.6	0.0	128.4



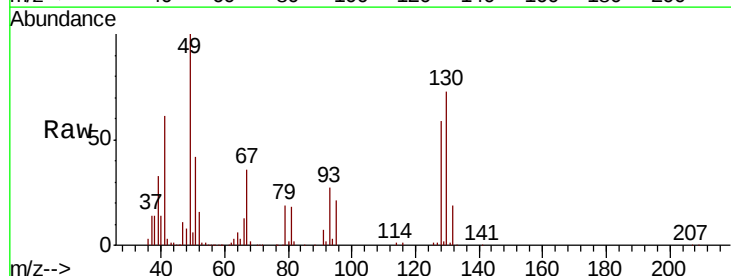
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



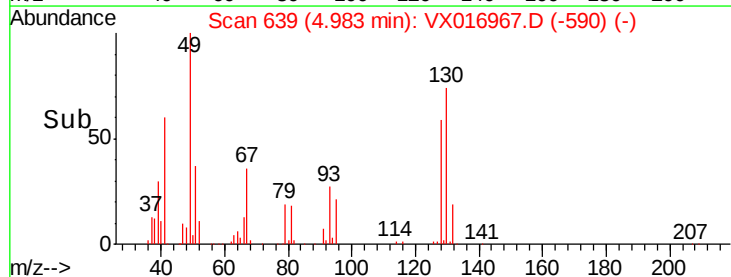
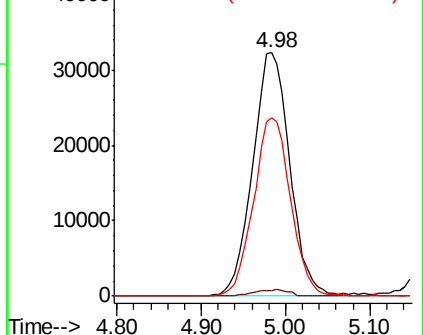
#28

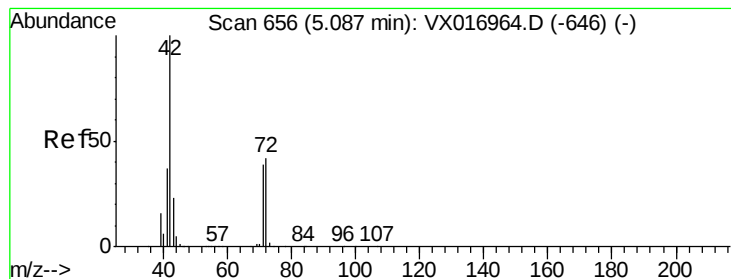
Bromochloromethane
Concen: 42.241 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	49	Resp	97385
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	73.4	58.7	88.1



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





#29

Tetrahydrofuran

Concen: 243.318 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

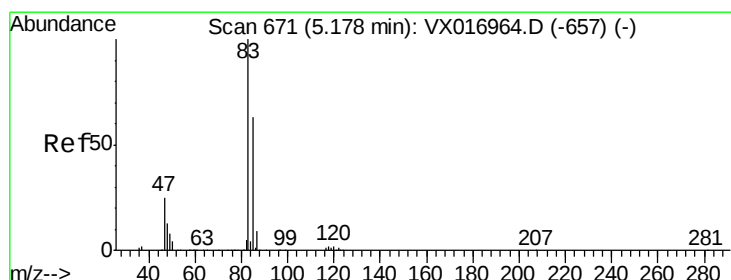
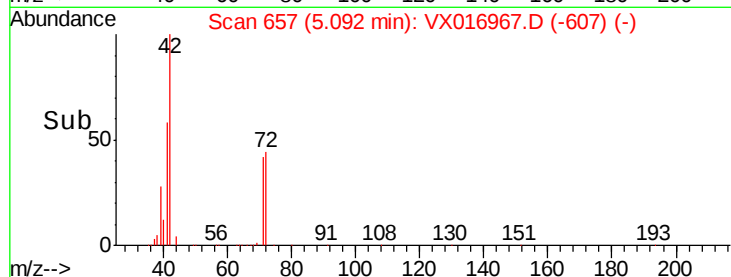
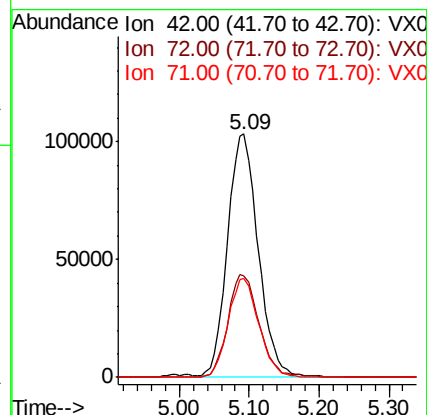
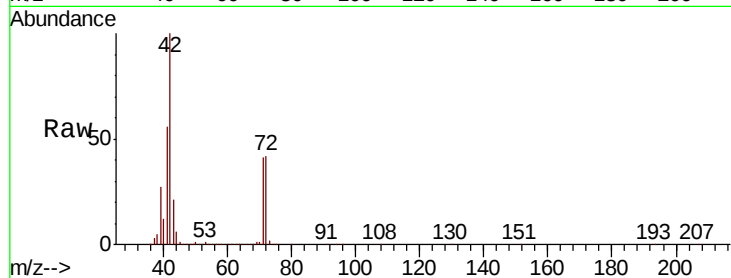
Tot Ion: 42 Resp: 312820

Ion Ratio Lower Upper

42 100

72 43.7 34.1 51.1

71 41.1 32.1 48.1



#30

Chloroform

Concen: 46.967 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016967.D

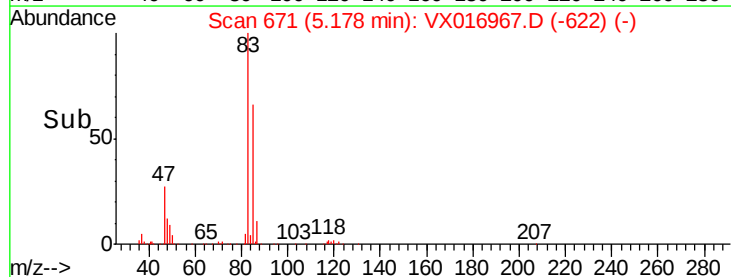
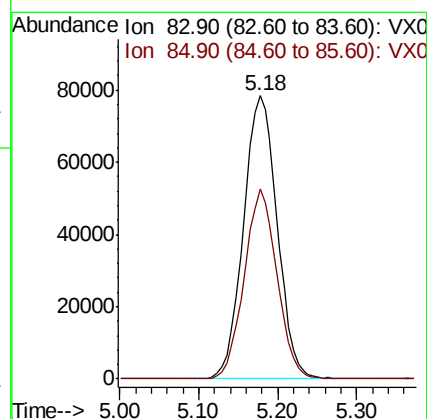
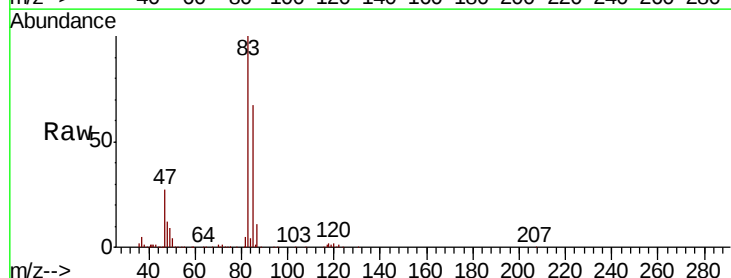
Acq: 25 Jun 2020 21:08

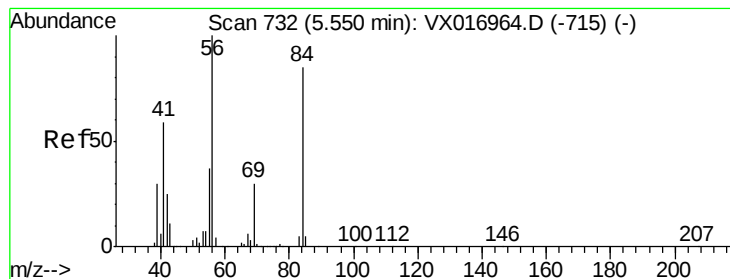
Tgt Ion: 83 Resp: 232723

Ion Ratio Lower Upper

83 100

85 67.0 50.7 76.1





#31

Cyclohexane

Concen: 49.311 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

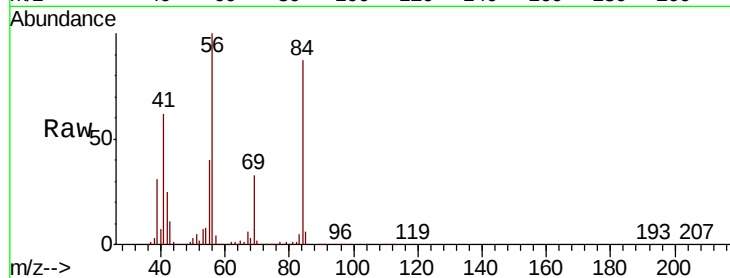
Tot Ion: 56 Resp: 203230

Ion Ratio Lower Upper

56 100

69 32.7 23.6 35.4

84 85.8 67.8 101.8

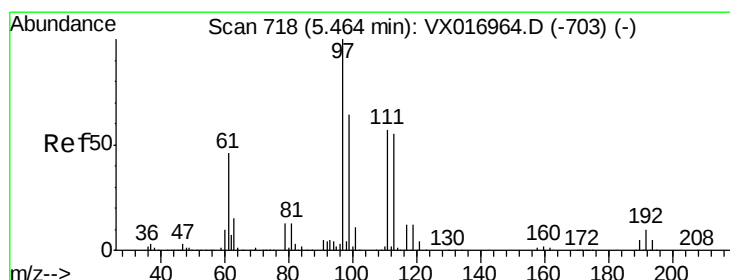
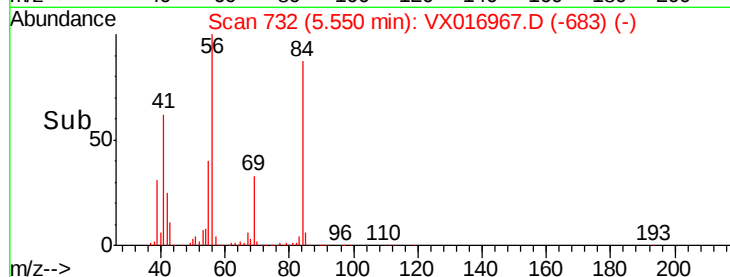
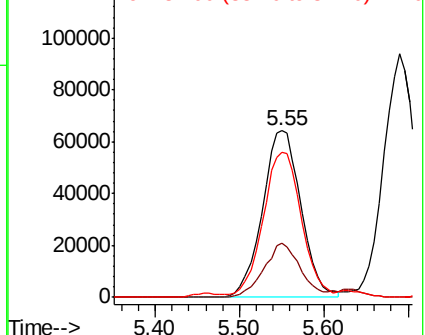


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.968 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

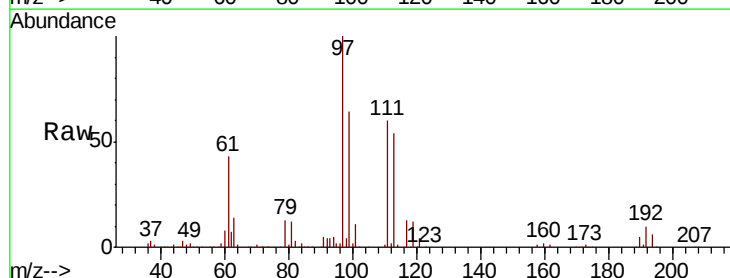
Tgt Ion: 97 Resp: 212937

Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.2

61 45.0 37.0 55.4

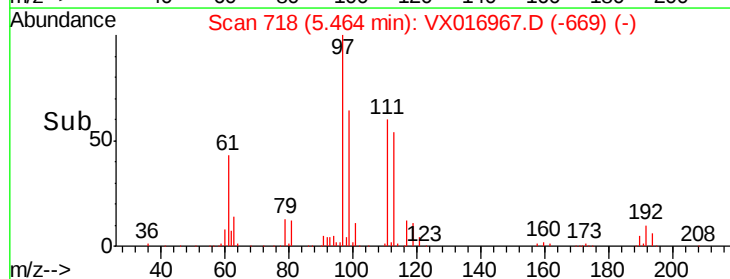
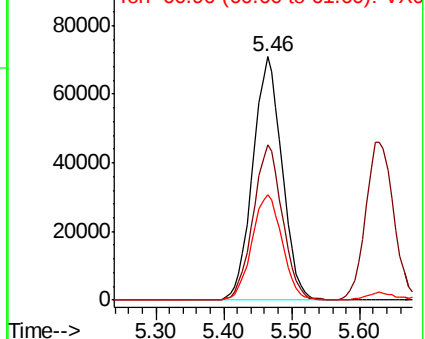


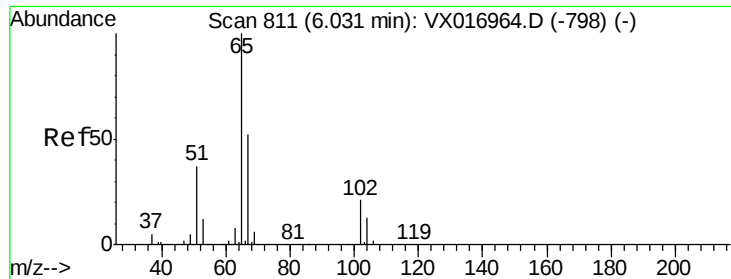
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

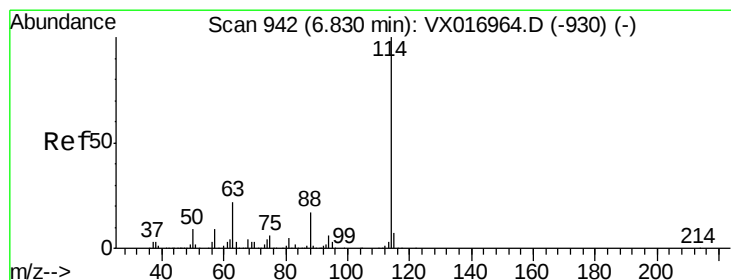
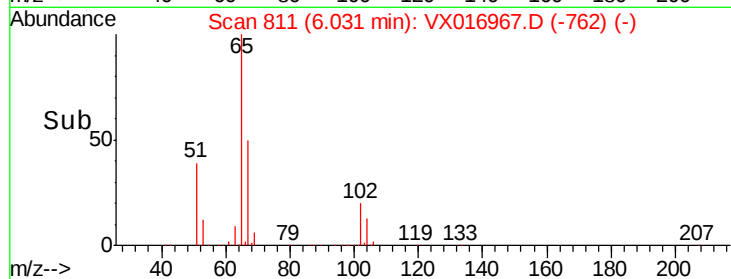
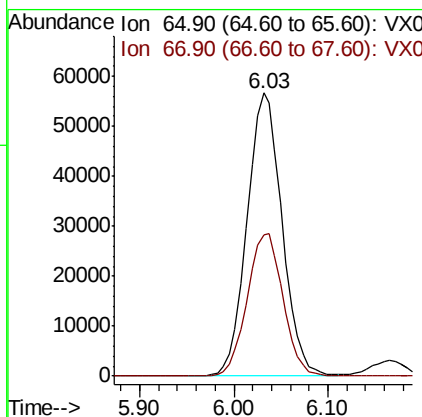
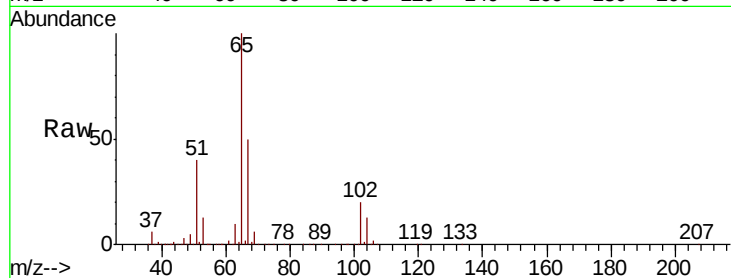




#33
 1,2-Dichloroethane-d4
 Concen: 45.146 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

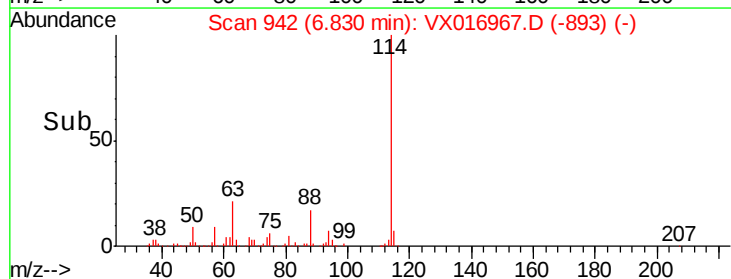
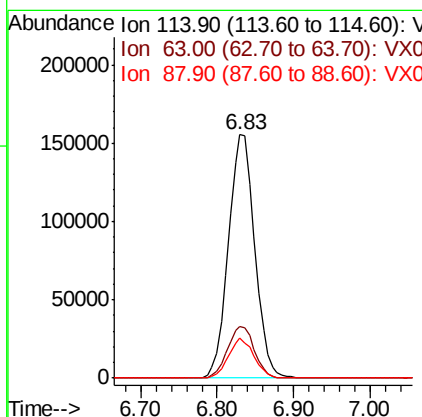
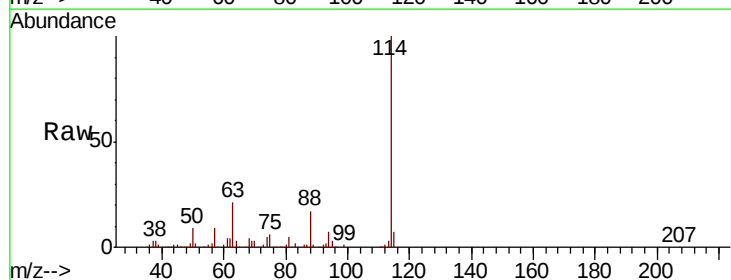
Instrument :
 MSVOA_X
 ClientSampleId :

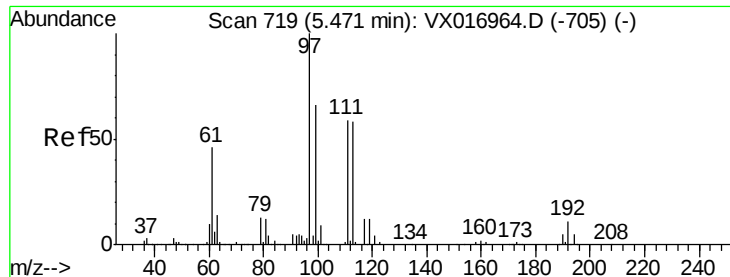
Tot Ion: 65 Resp: 148198
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion: 114 Resp: 369315
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.4
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.503 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

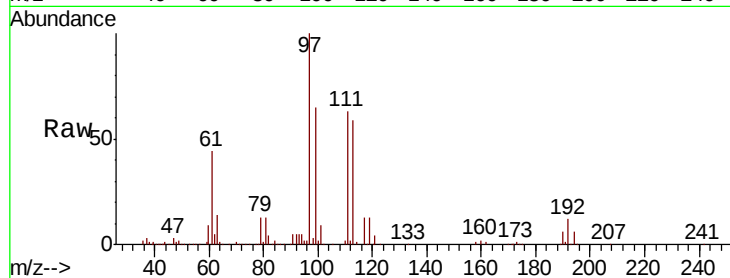
Tot Ion:113 Resp: 113432

Ion Ratio Lower Upper

113 100

111 106.5 84.3 126.5

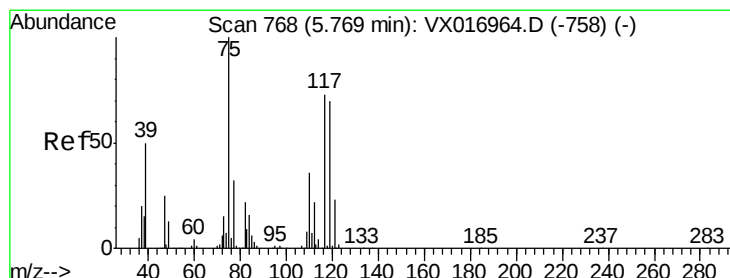
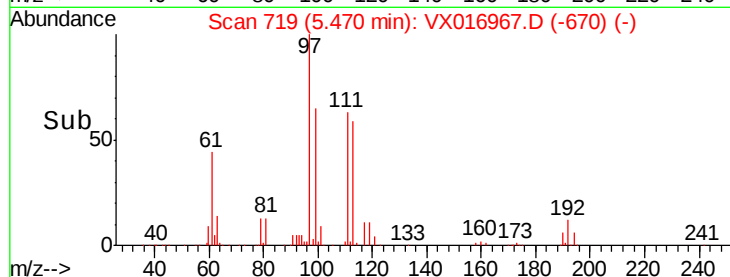
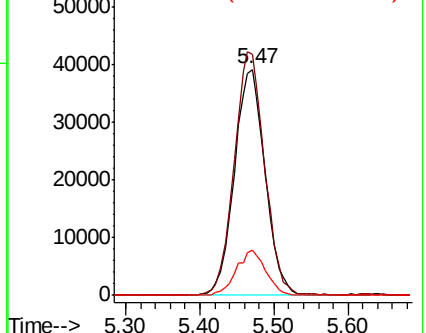
192 19.3 15.2 22.8



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: 47.946 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

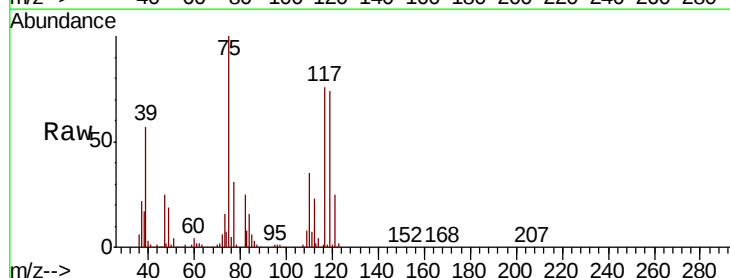
Tgt Ion: 75 Resp: 175330

Ion Ratio Lower Upper

75 100

110 34.7 17.2 51.6

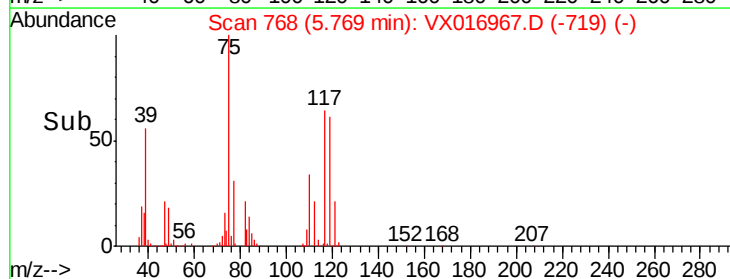
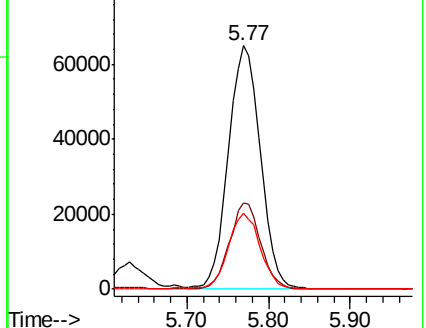
77 31.3 24.7 37.1

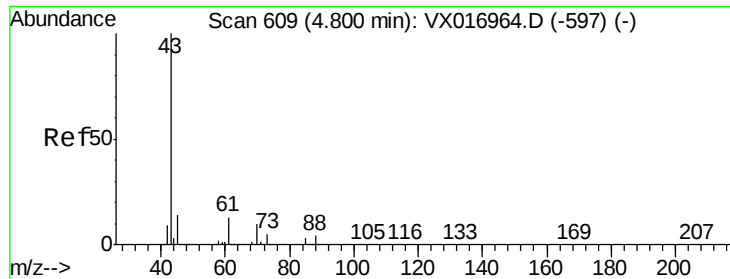


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

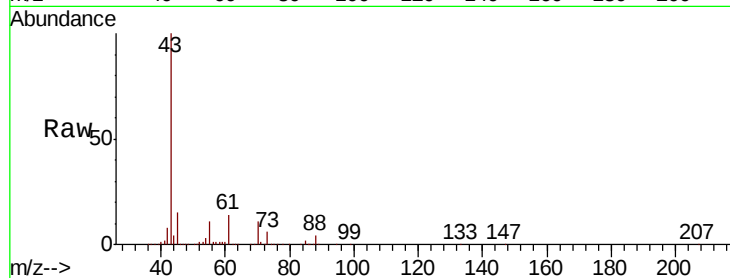




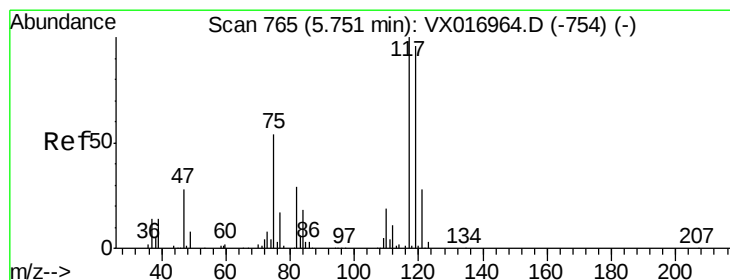
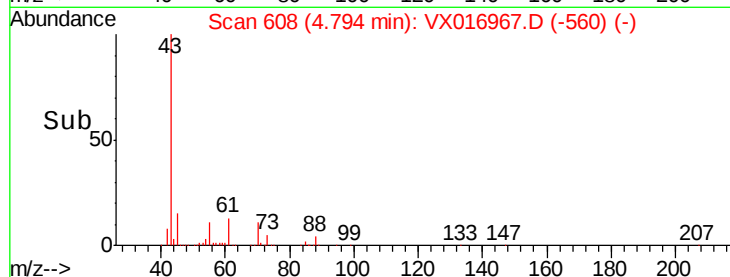
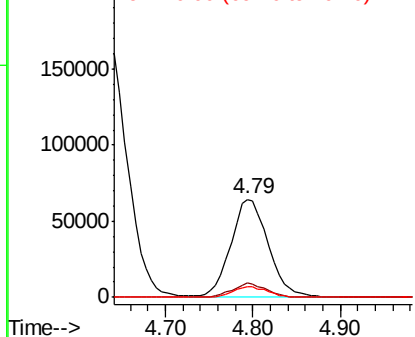
#37
Ethyl Acetate
Concen: 48.262 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 189670
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 10.6 8.0 12.0

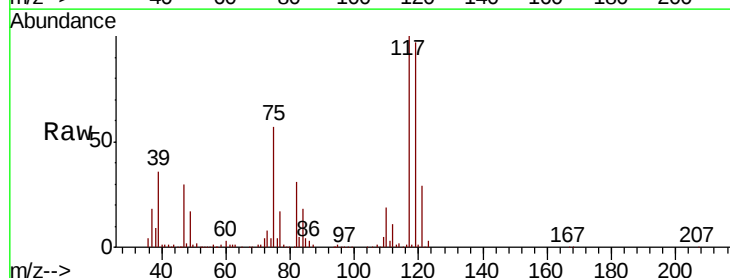


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

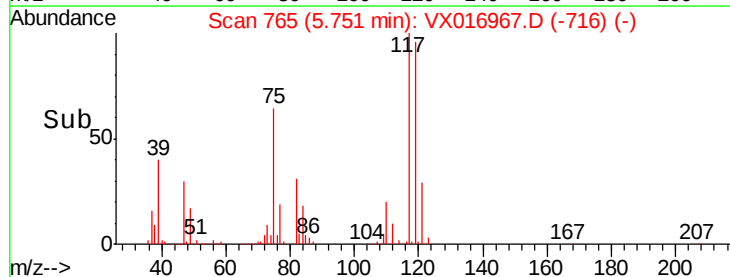
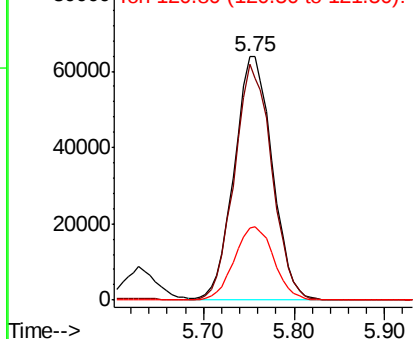


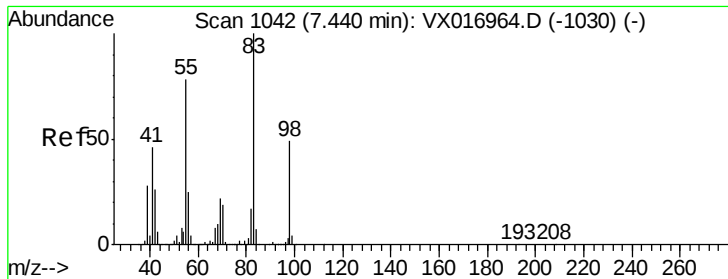
#38
Carbon Tetrachloride
Concen: 48.050 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion: 117 Resp: 185961
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8
121 29.5 22.5 33.7



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

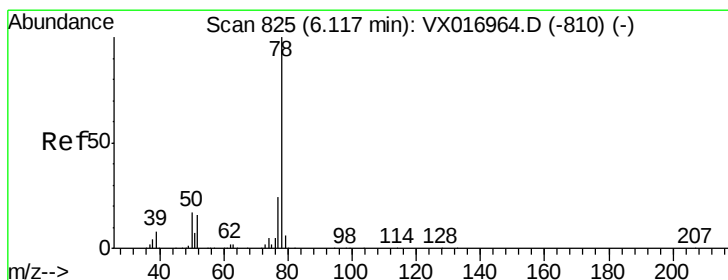
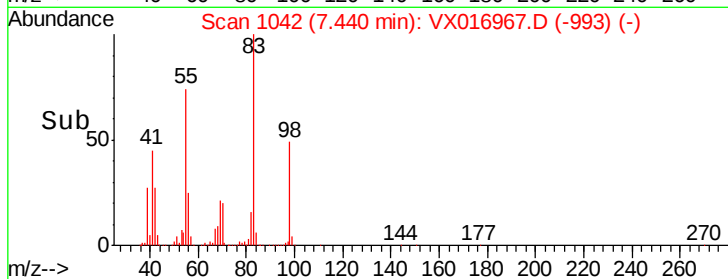
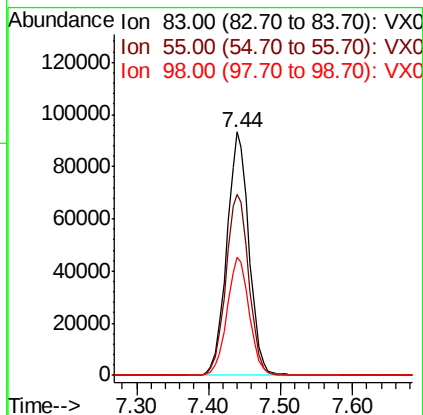
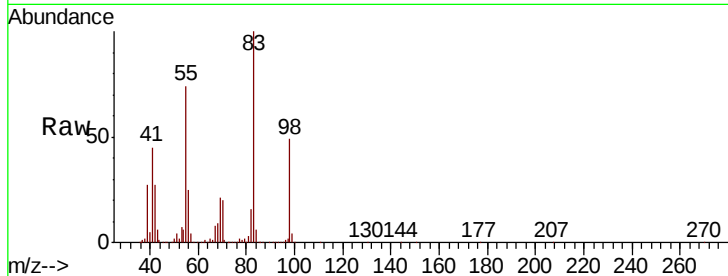




#39
Methvlcvclohexane
Concen: 50.425 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

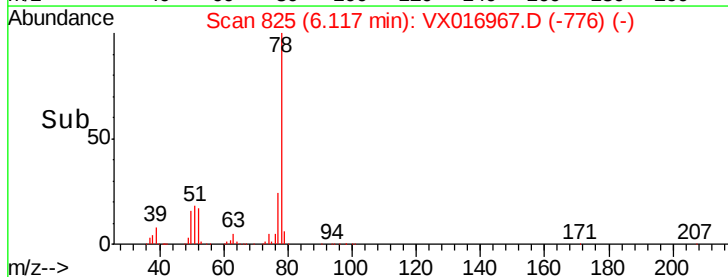
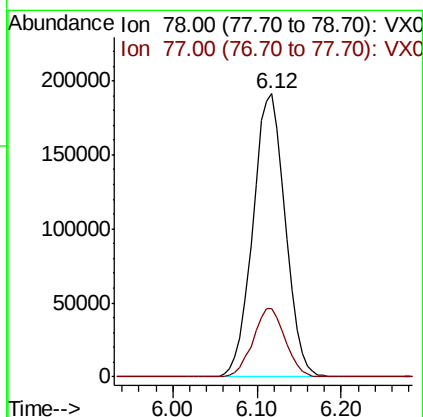
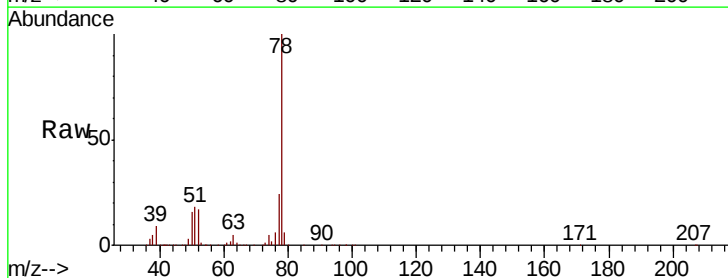
Instrument :
MSVOA_X
ClientSampleId :

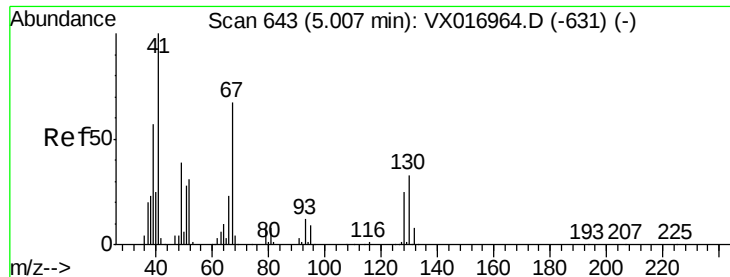
Tot Ion: 83 Resp: 199543
Ion Ratio Lower Upper
83 100
55 74.1 62.4 93.6
98 48.7 39.4 59.0



#40
Benzene
Concen: 48.022 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion: 78 Resp: 505717
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3





#41

Methacrylonitrile

Concen: 47.882 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 104860

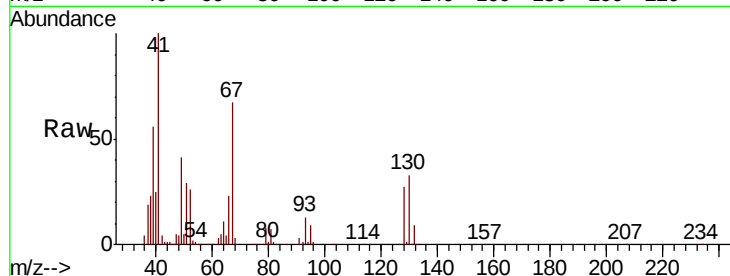
Ion Ratio Lower Upper

41 100

39 54.0 46.6 70.0

67 70.0 57.0 85.6

52 29.0 25.0 37.4

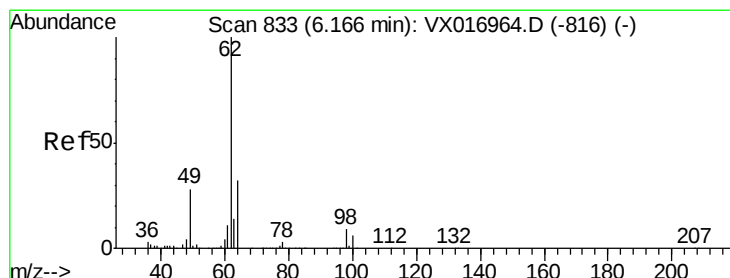
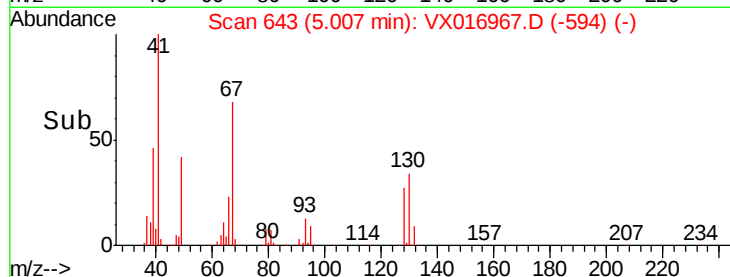
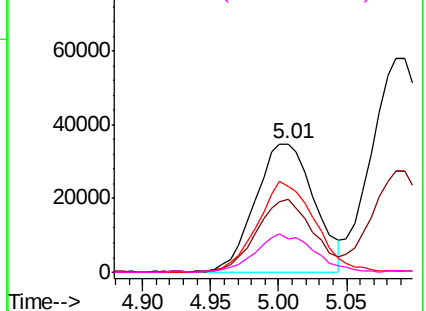


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.681 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016967.D

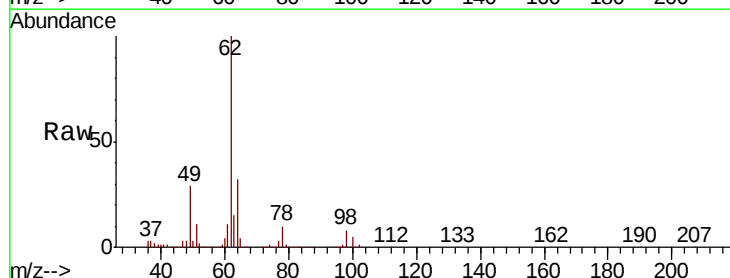
Acq: 25 Jun 2020 21:08

Tgt Ion: 62 Resp: 193149

Ion Ratio Lower Upper

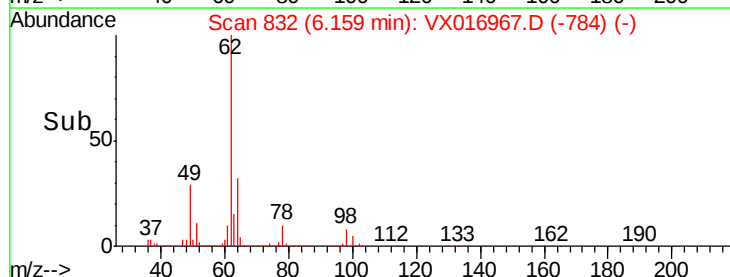
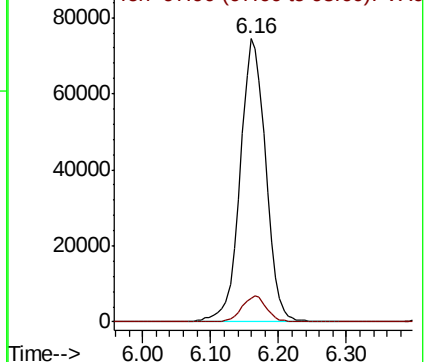
62 100

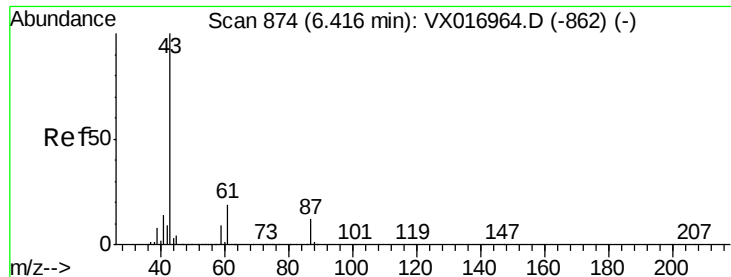
98 9.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



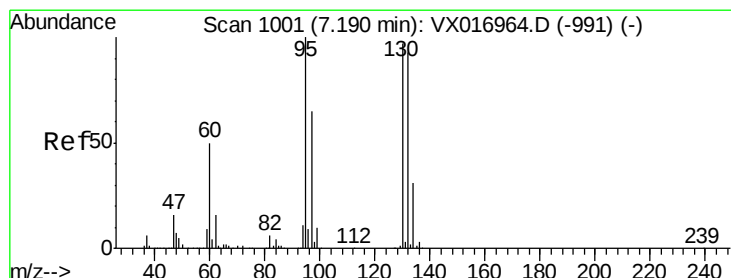
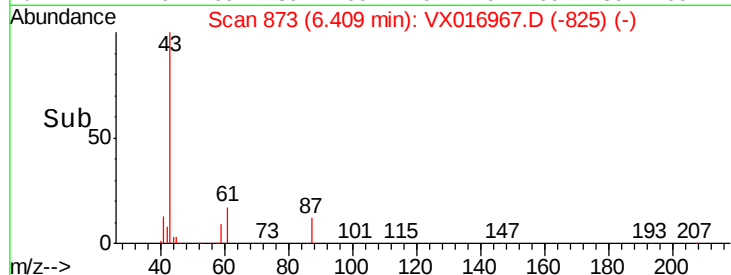
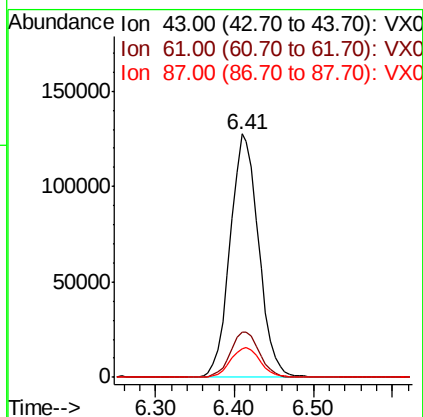
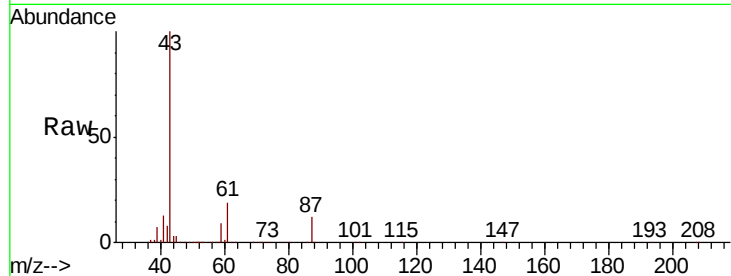


#43

Isopropyl Acetate
 Concen: 48.123 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :

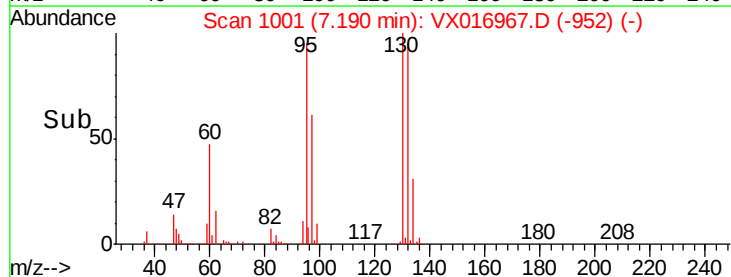
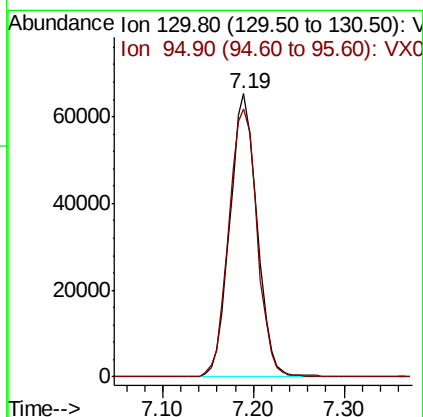
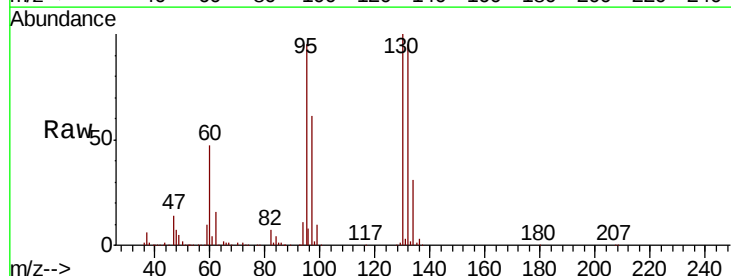
Tot Ion	43	Resp	318161
Ion Ratio	100	Lower	Upper
61	19.3	15.0	22.6
87	12.8	10.0	15.0

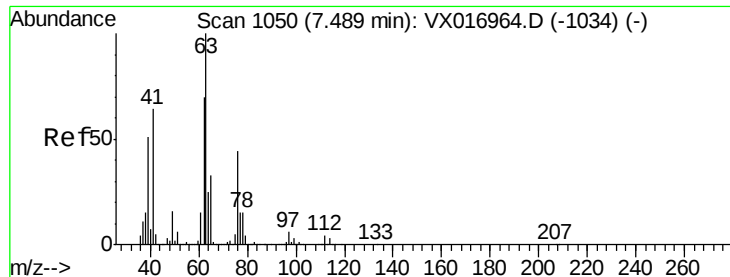


#44

Trichloroethene
 Concen: 48.656 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion	130	Resp	136400
Ion Ratio	100	Lower	Upper
95	94.8	0.0	206.6





#45

1,2-Dichloropropane

Concen: 47.000 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

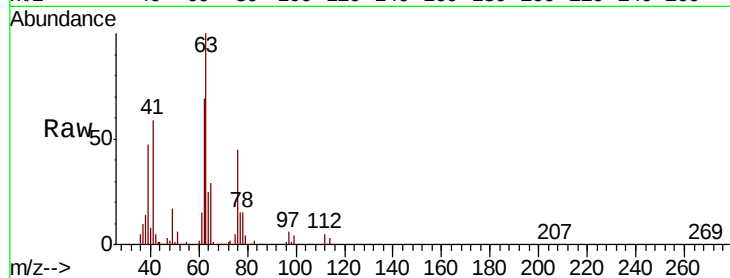
ClientSampleId :

Tot Ion: 63 Resp: 132323

Ion Ratio Lower Upper

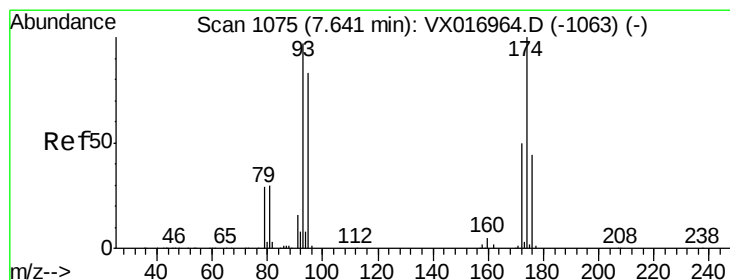
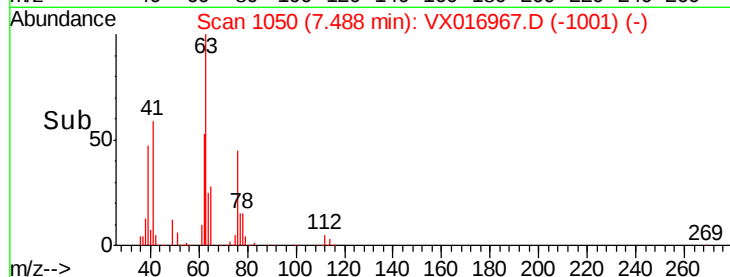
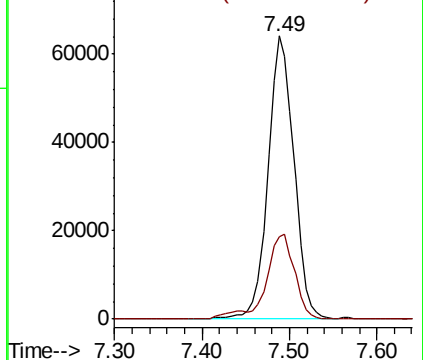
63 100

65 29.3 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.846 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

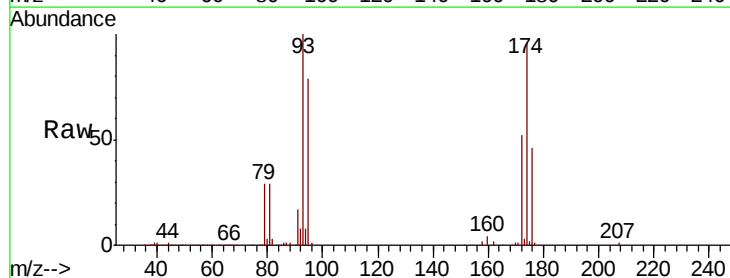
Tgt Ion: 93 Resp: 91510

Ion Ratio Lower Upper

93 100

95 81.3 67.5 101.3

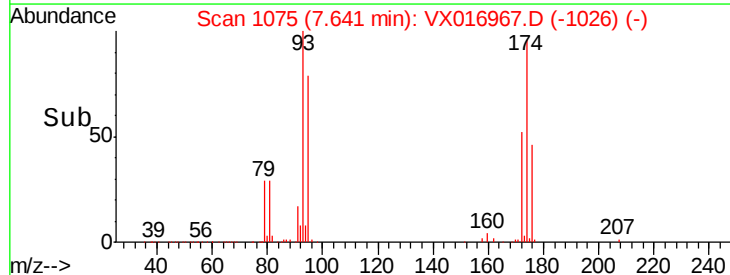
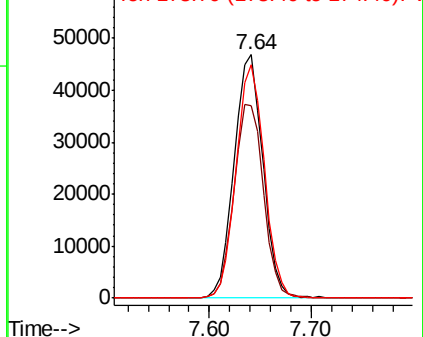
174 94.6 75.0 112.4

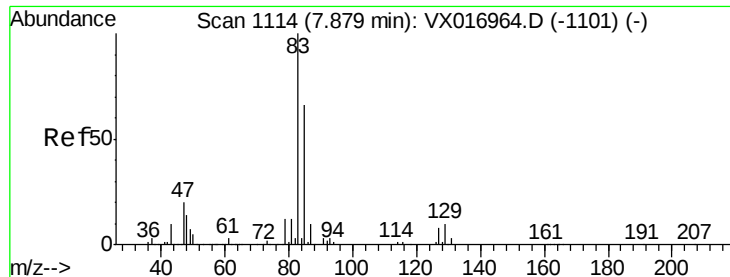


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.802 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampled :

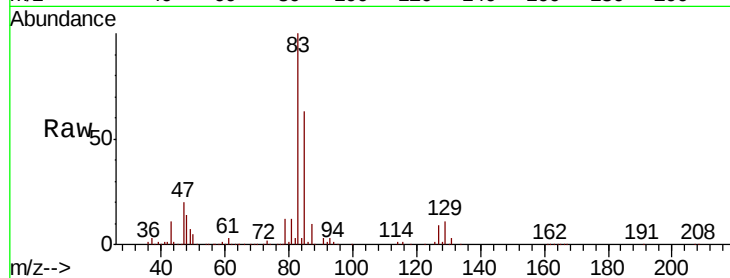
Tot Ion: 83 Resp: 187225

Ion Ratio Lower Upper

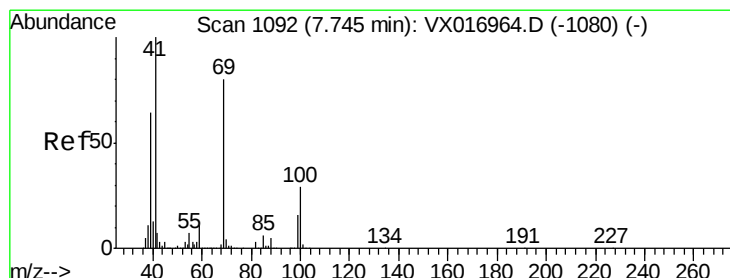
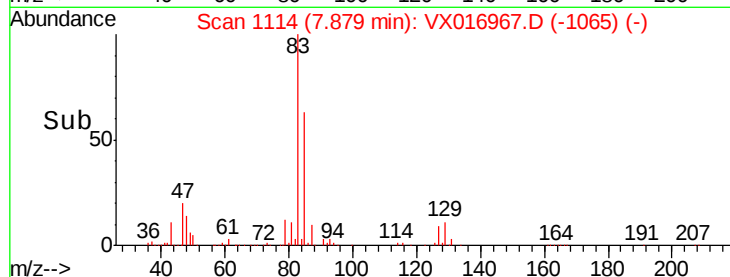
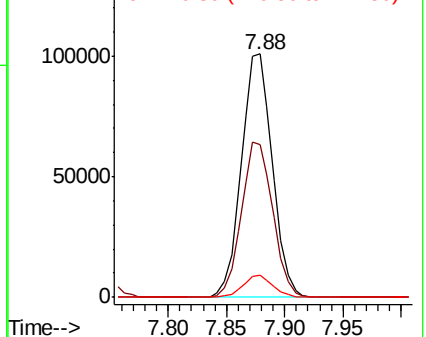
83 100

85 62.6 53.1 79.7

127 8.9 6.8 10.2



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: 49.138 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

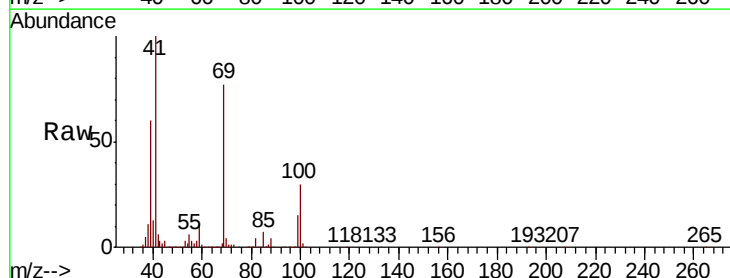
Tgt Ion: 41 Resp: 151704

Ion Ratio Lower Upper

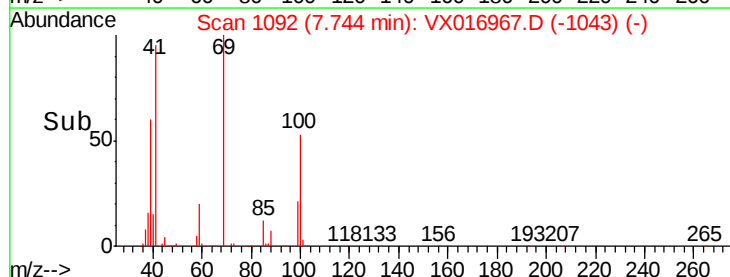
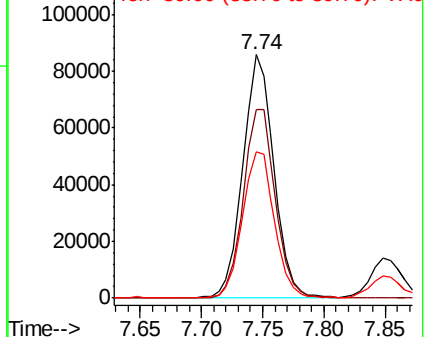
41 100

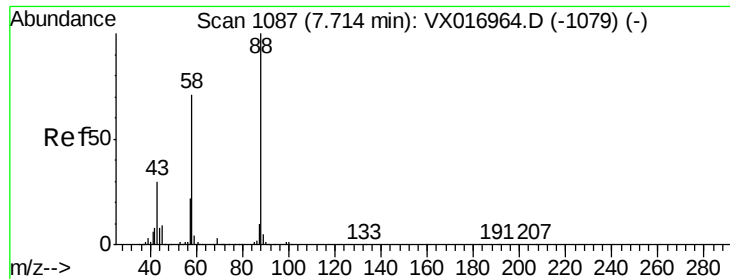
69 80.2 62.7 94.1

39 61.3 49.6 74.4



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





#49

1,4-Dioxane

Concen: 934.935 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

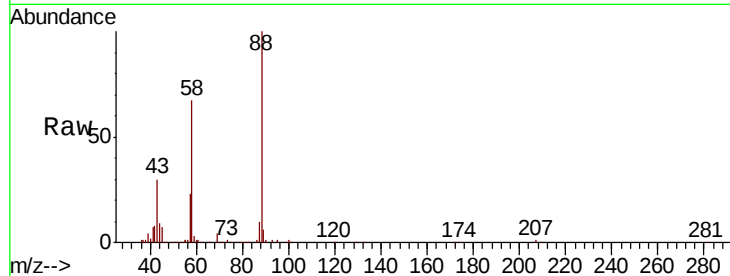
Tot Ion: 88 Resp: 60040

Ion Ratio Lower Upper

88 100

43 34.9 28.1 42.1

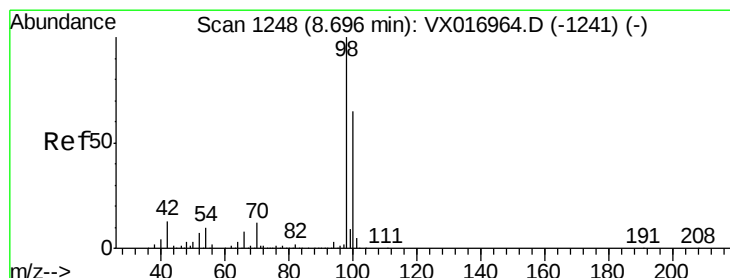
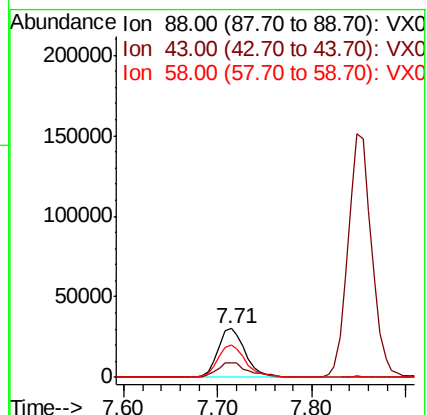
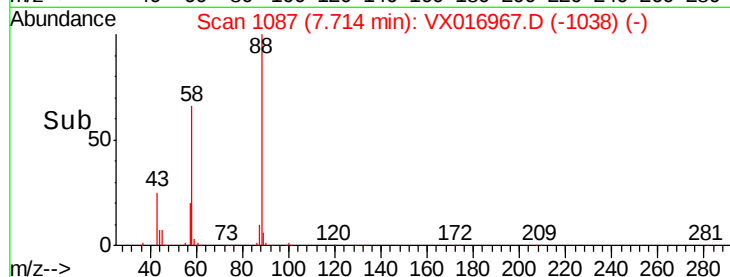
58 69.4 56.1 84.1



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: 47.251 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016967.D

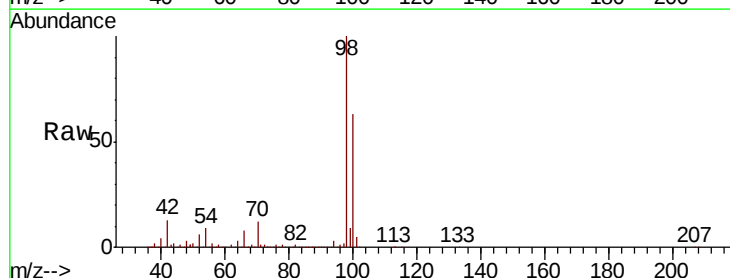
Acq: 25 Jun 2020 21:08

Tgt Ion: 98 Resp: 422479

Ion Ratio Lower Upper

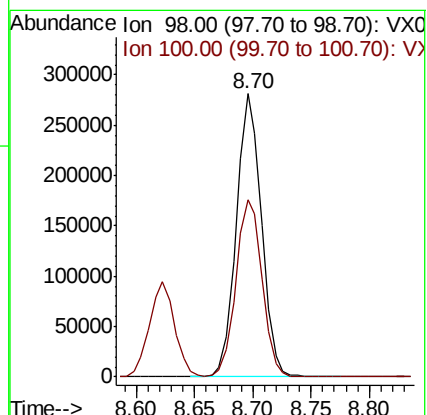
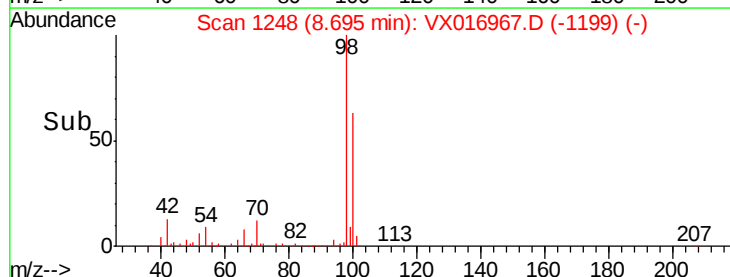
98 100

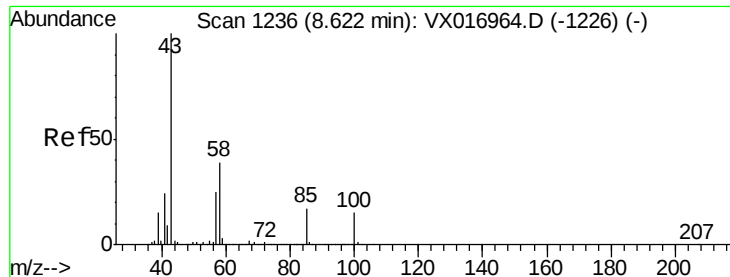
100 65.4 52.2 78.2



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: 249.462 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

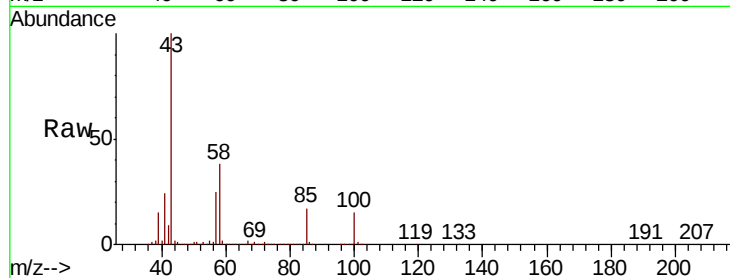
ClientSampleId :

Tot Ion: 43 Resp: 943920

Ion Ratio Lower Upper

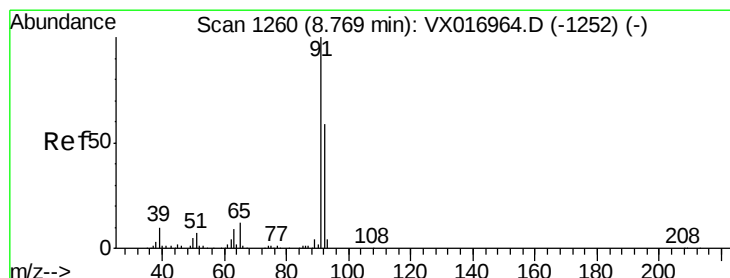
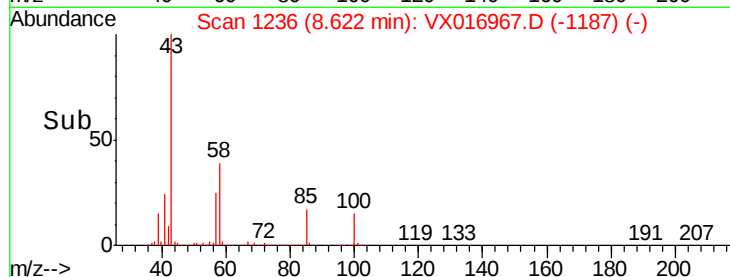
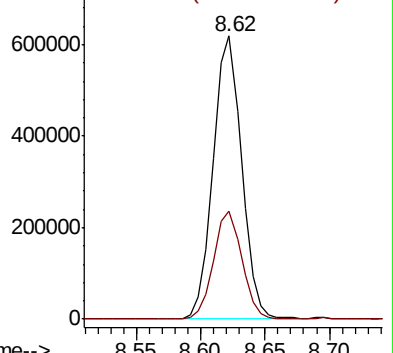
43 100

58 38.2 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.830 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016967.D

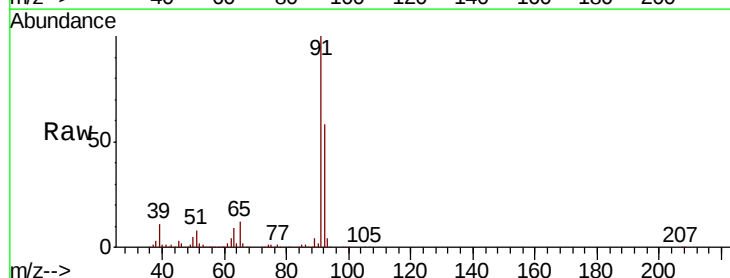
Acq: 25 Jun 2020 21:08

Tgt Ion: 92 Resp: 316950

Ion Ratio Lower Upper

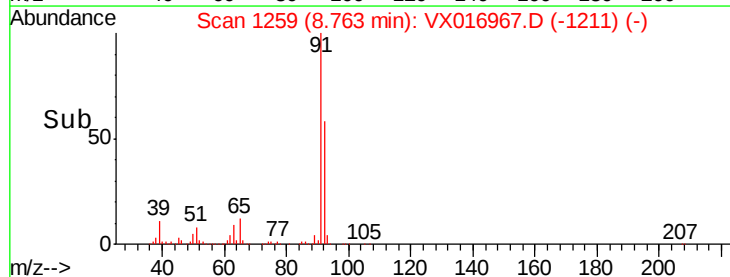
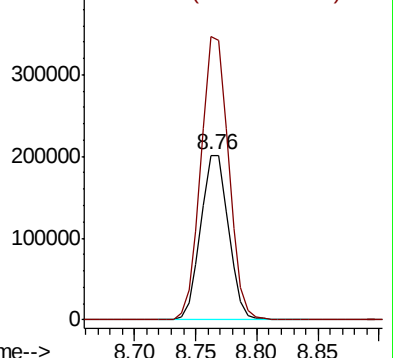
92 100

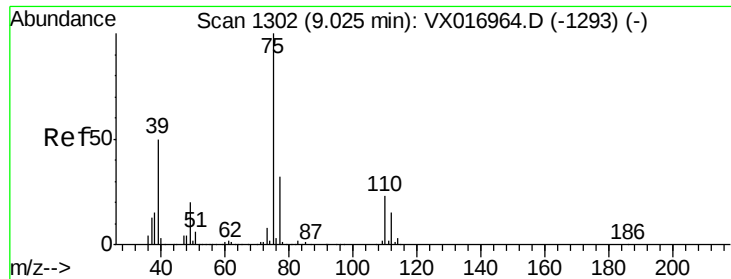
91 171.2 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

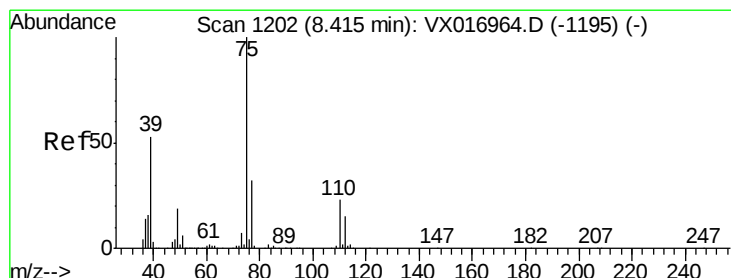
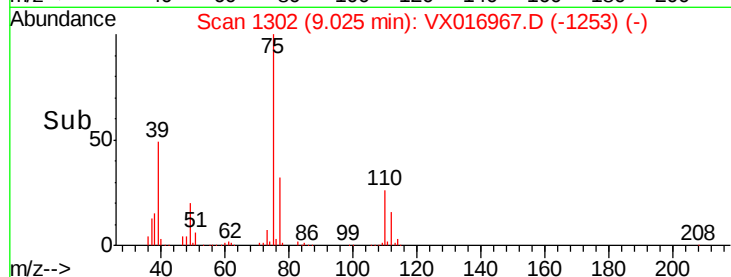
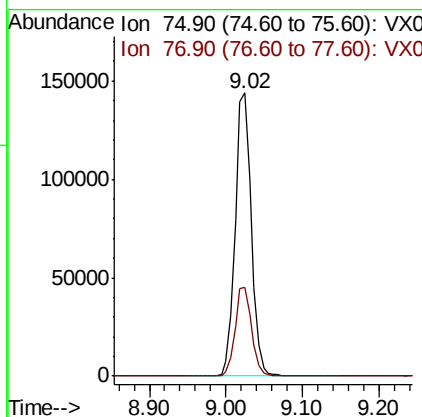
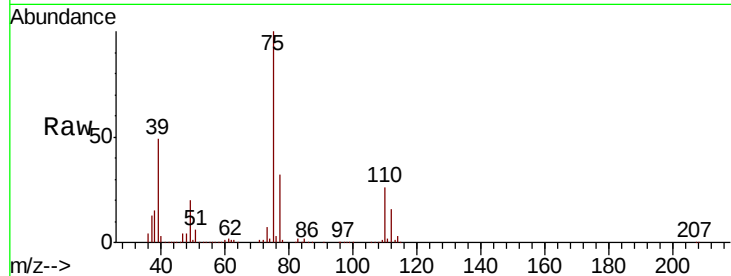




#53
t-1,3-Dichloropropene
Concen: 48.903 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

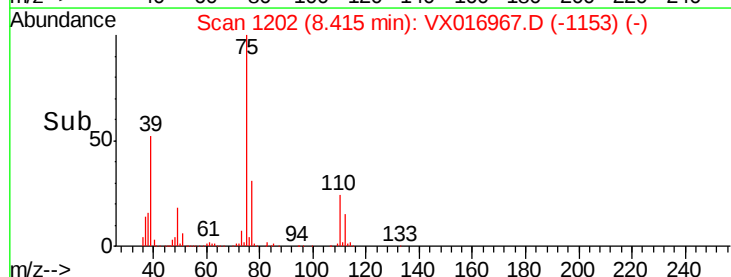
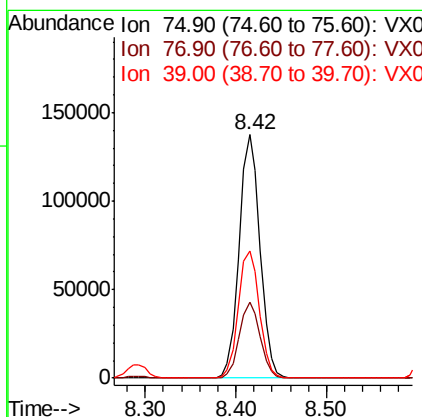
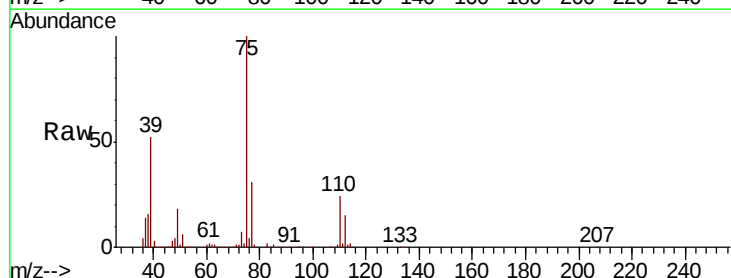
Instrument :
MSVOA_X
ClientSampleId :

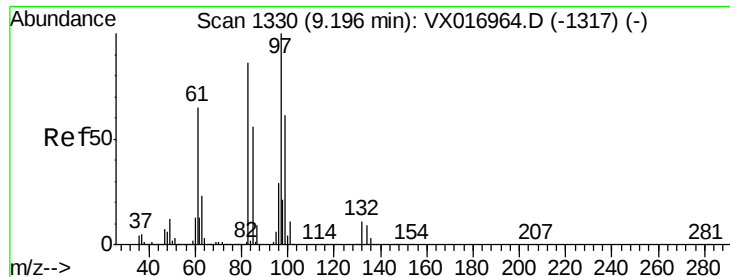
Tot Ion: 75 Resp: 209494
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 48.584 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion: 75 Resp: 218788
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5
39 52.1 42.7 64.1

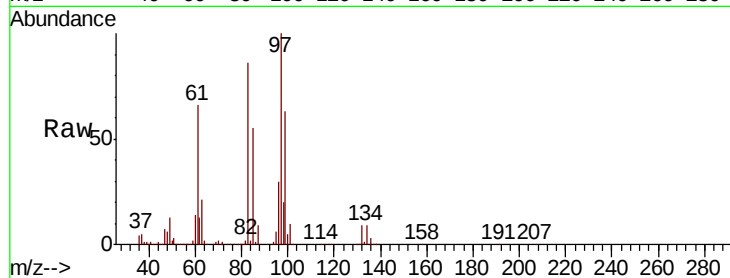




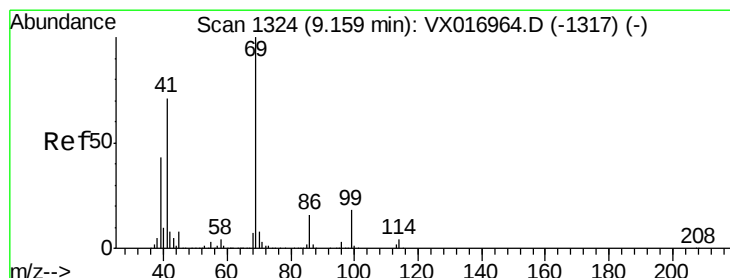
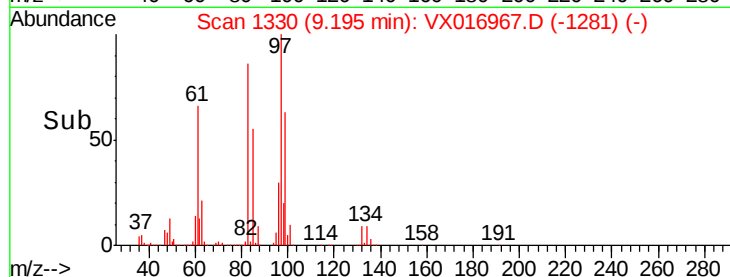
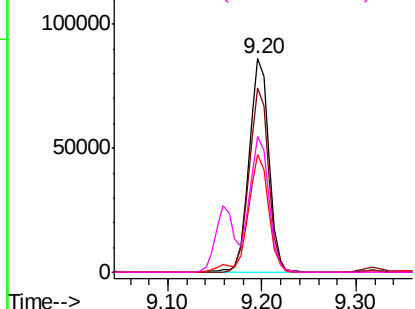
#55
 1,1,2-Trichloroethane
 Concen: 47.582 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	126903
Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.6	103.0
85	55.2	44.5	66.7
99	63.3	49.0	73.4

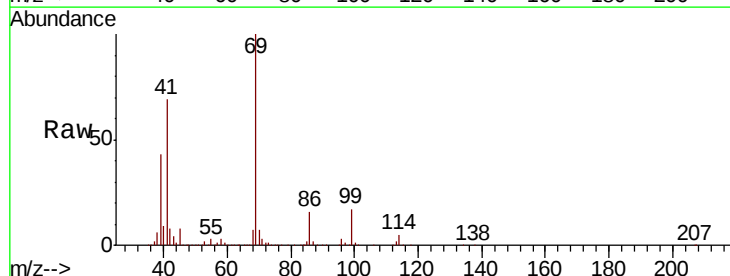


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

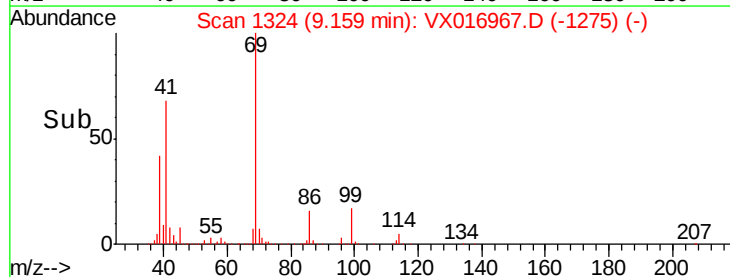
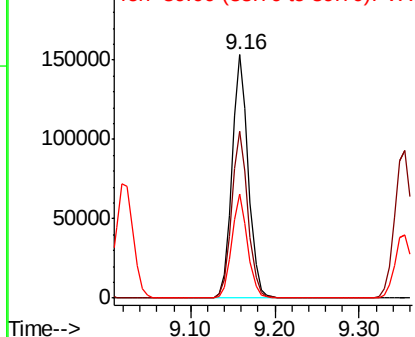


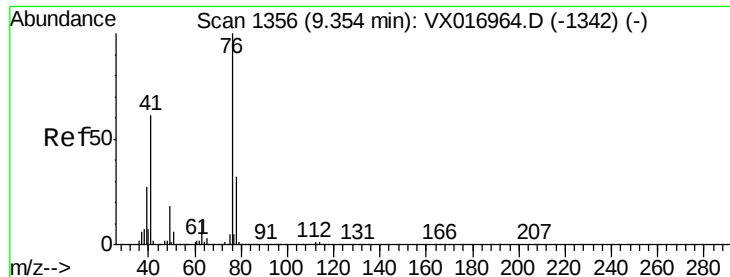
#56
 Ethyl methacrylate
 Concen: 50.431 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion:	69	Resp:	201581
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.9	83.9
39	41.2	34.6	51.8



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: 47.496 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

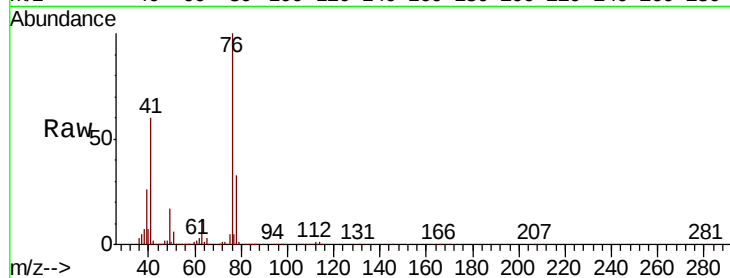
ClientSampleId :

Tot Ion: 76 Resp: 216854

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

150000

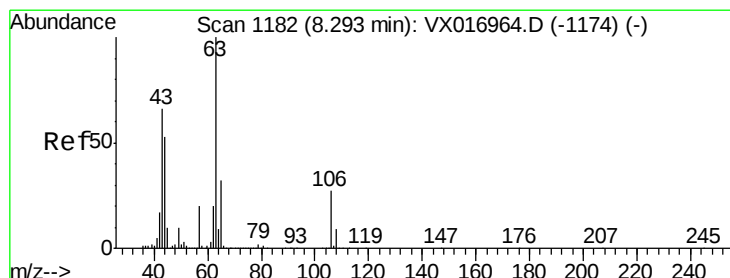
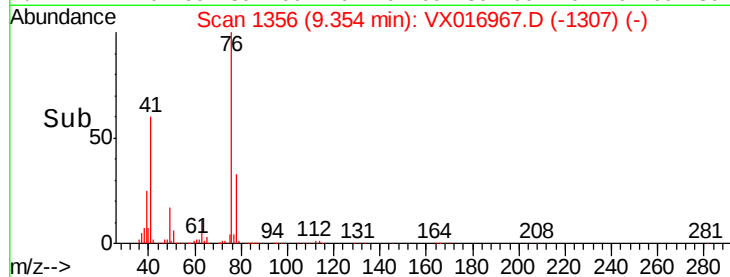
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 254.397 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016967.D

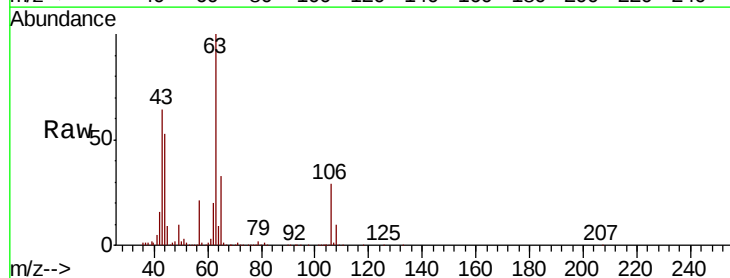
Acq: 25 Jun 2020 21:08

Tgt Ion: 63 Resp: 525366

Ion Ratio Lower Upper

63 100

106 28.4 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

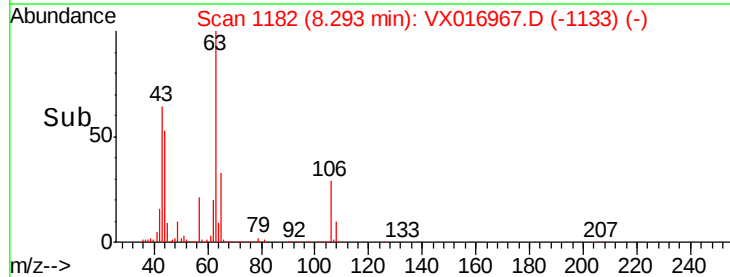
200000

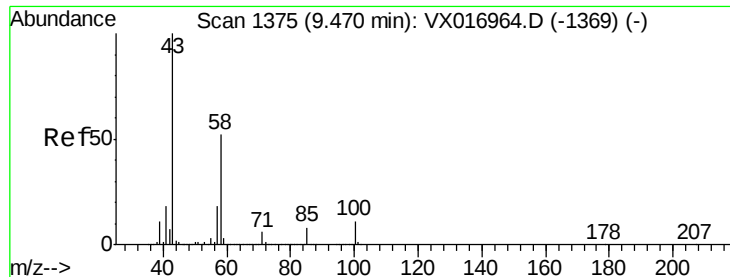
100000

0

Time-->

8.20 8.25 8.30 8.35 8.40

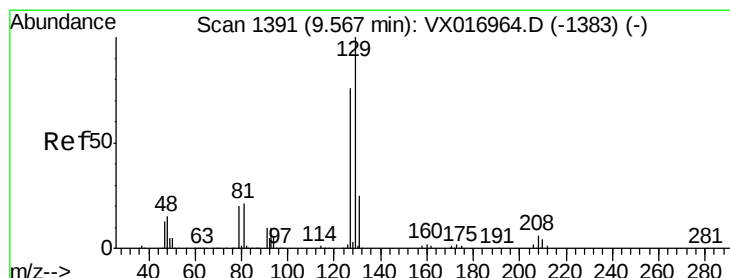
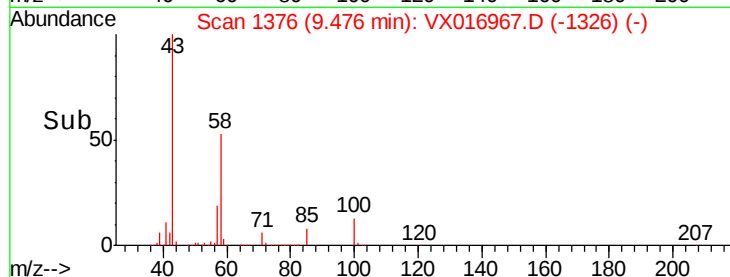
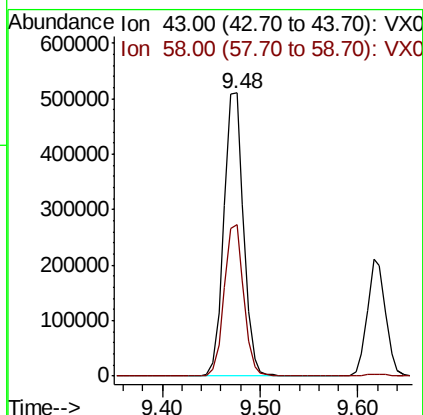
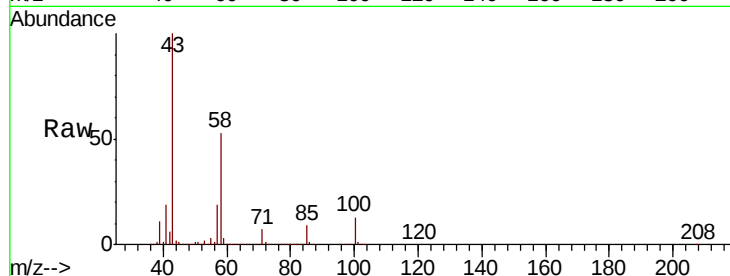




#59
2-Hexanone
Concen: 250.246 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

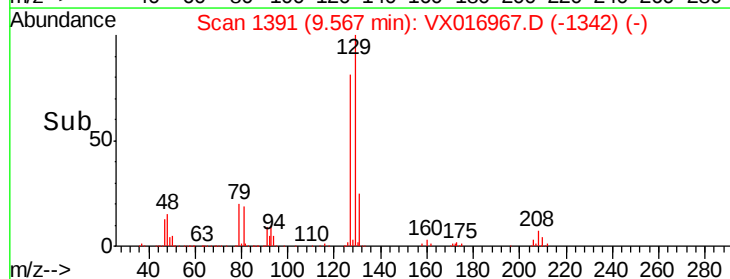
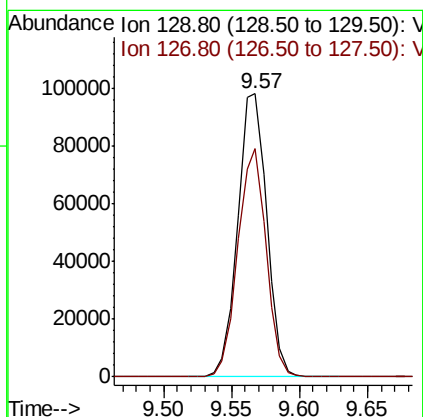
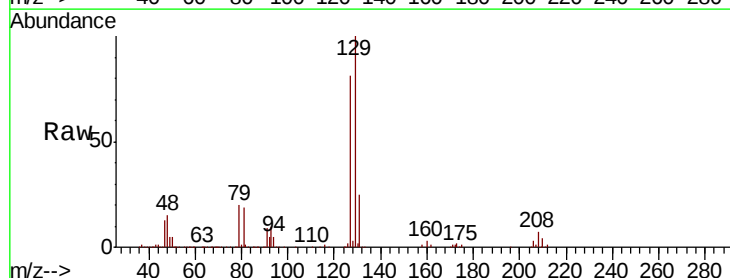
Instrument :
MSVOA_X
ClientSampleId :

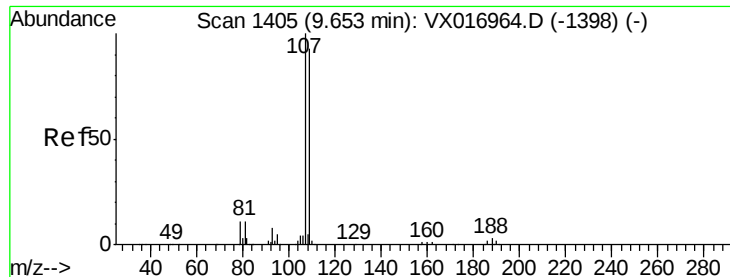
Tot Ion: 43 Resp: 712325
Ion Ratio Lower Upper
43 100
58 52.9 26.3 78.9



#60
Dibromochloromethane
Concen: 48.035 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion: 129 Resp: 146041
Ion Ratio Lower Upper
129 100
127 78.7 38.0 114.0





#61

1,2-Dibromoethane

Concen: 47.606 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

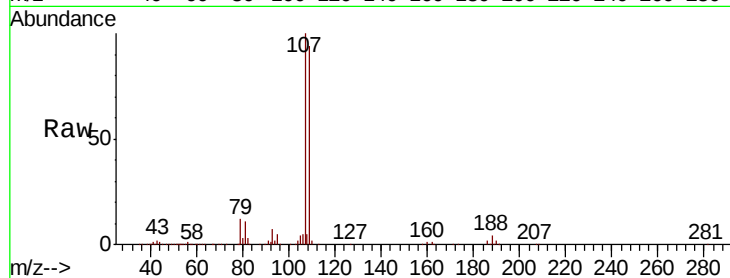
ClientSampleId :

Tot Ion:107 Resp: 135565

Ion Ratio Lower Upper

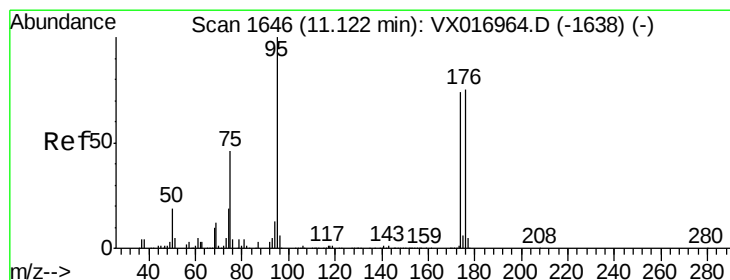
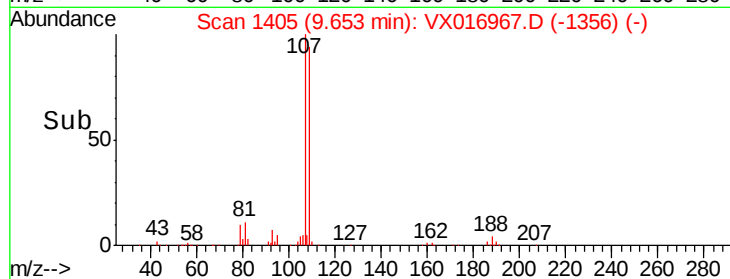
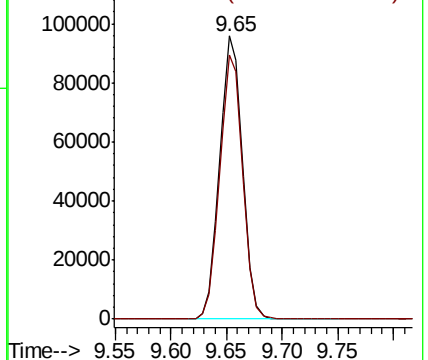
107 100

109 93.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.987 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

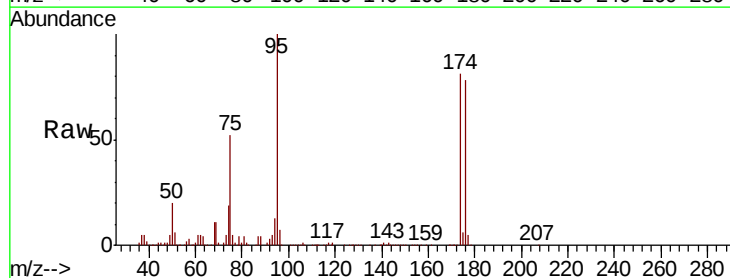
Tgt Ion: 95 Resp: 162458

Ion Ratio Lower Upper

95 100

174 78.0 0.0 149.6

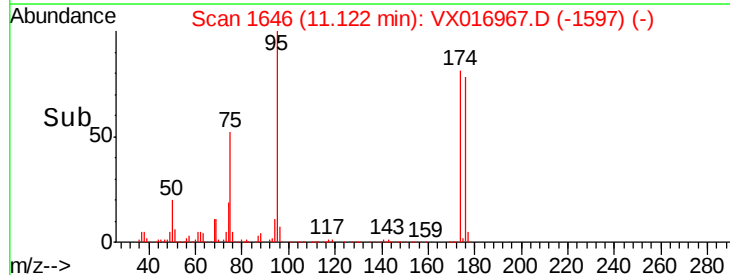
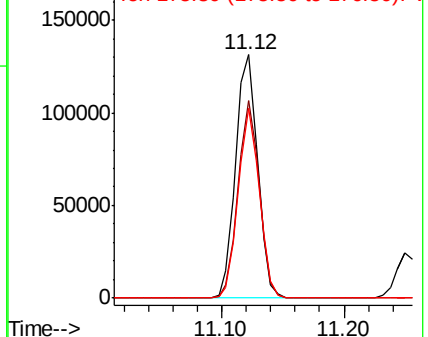
176 74.7 0.0 148.2

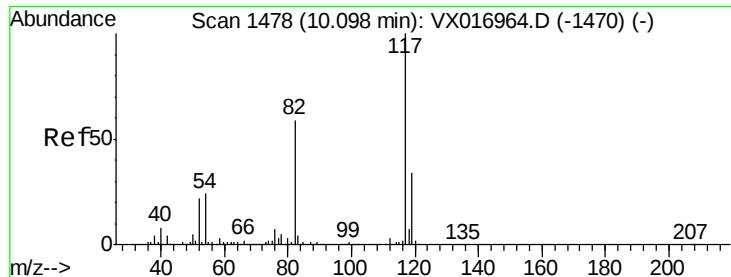


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

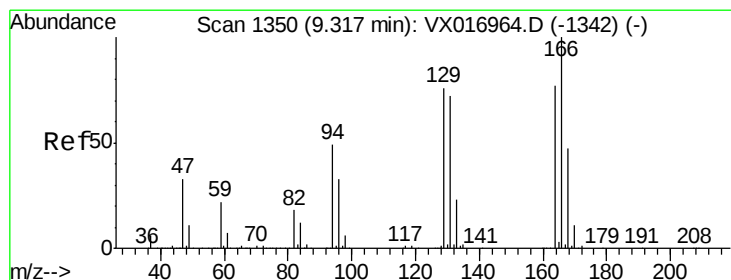
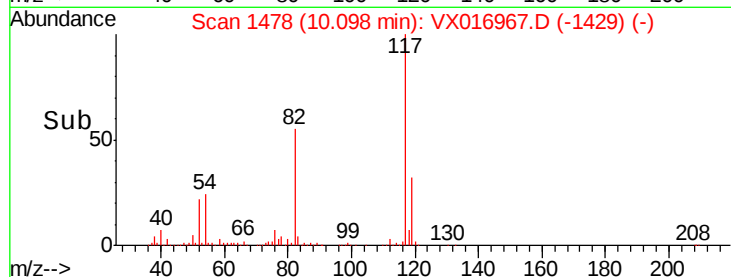
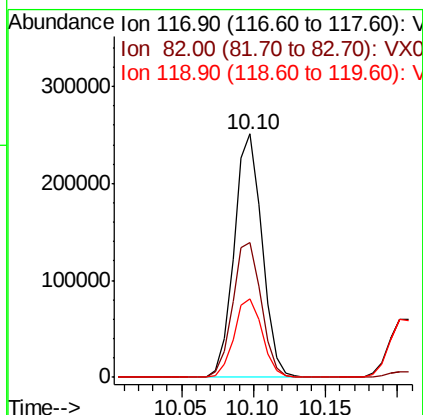
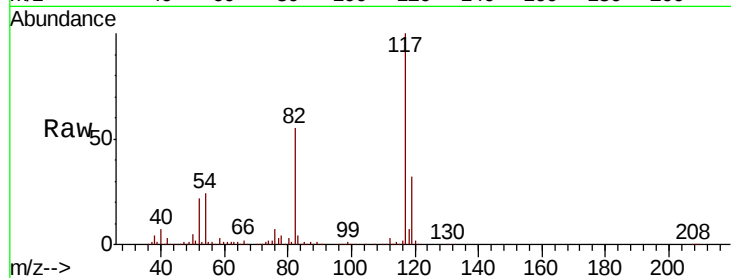




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

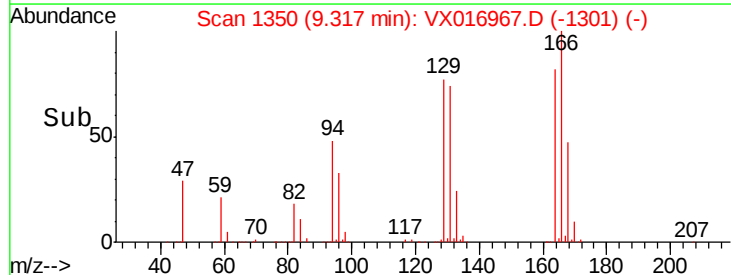
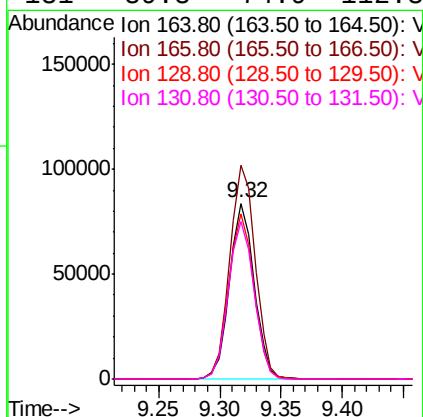
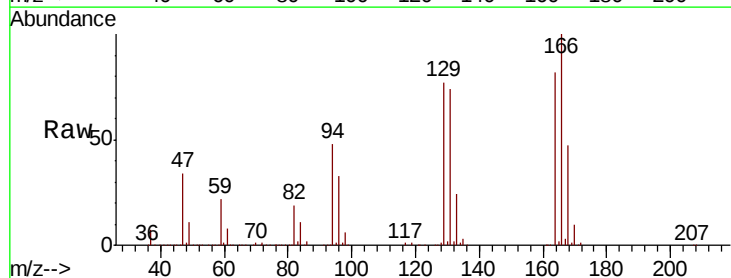
Instrument :
MSVOA_X
ClientSampleId :

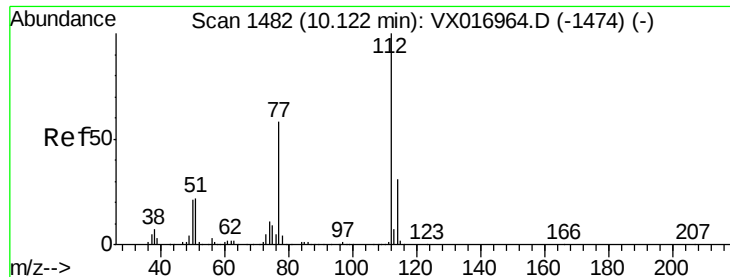
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	46.8	70.2
119	32.0	27.3	40.9



#64
Tetrachloroethene
Concen: 50.217 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.5	104.2	156.4
129	93.9	79.3	118.9
131	89.8	74.9	112.3

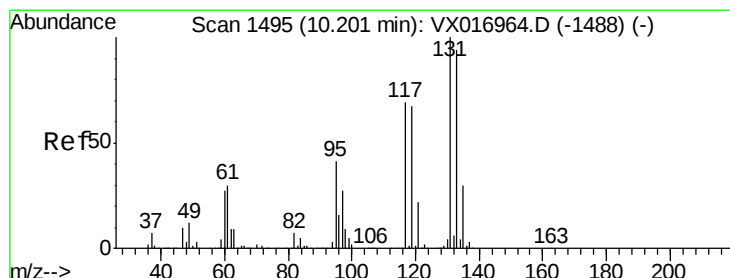
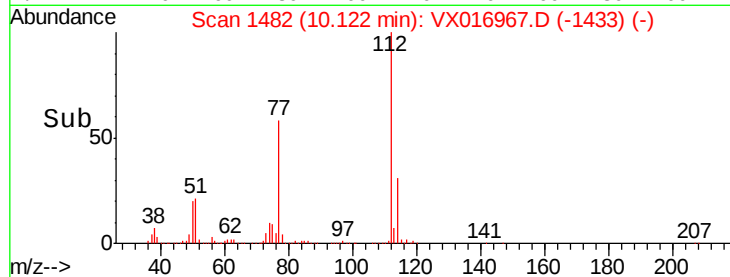
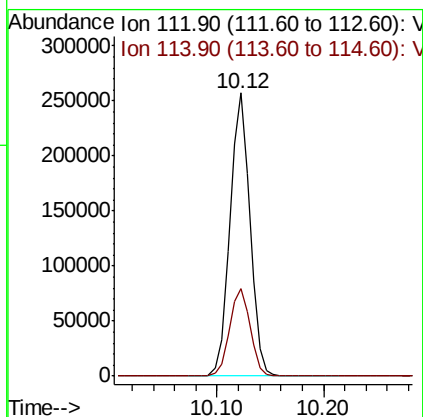
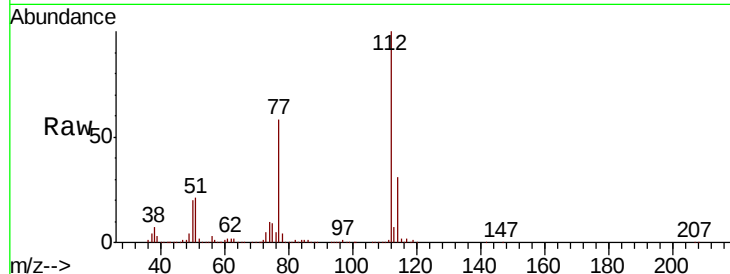




#65
Chlorobenzene
Concen: 48.668 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

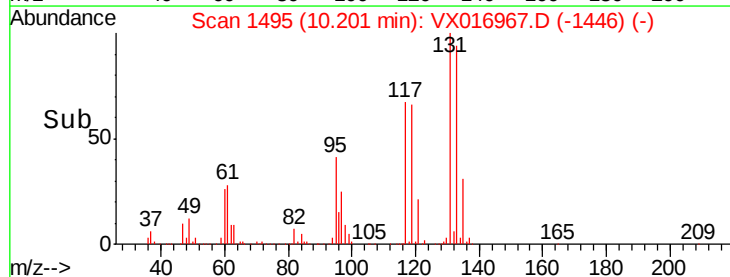
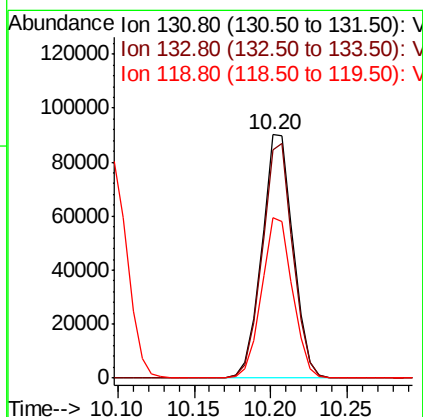
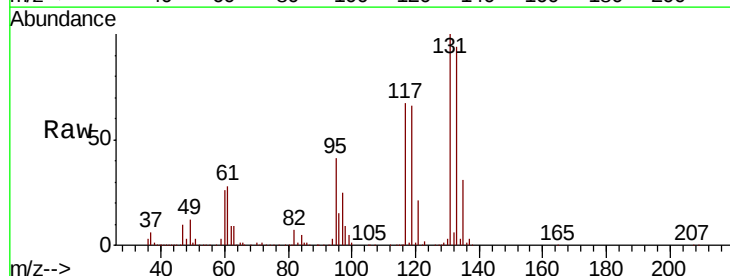
Instrument :
MSVOA_X
ClientSampled :

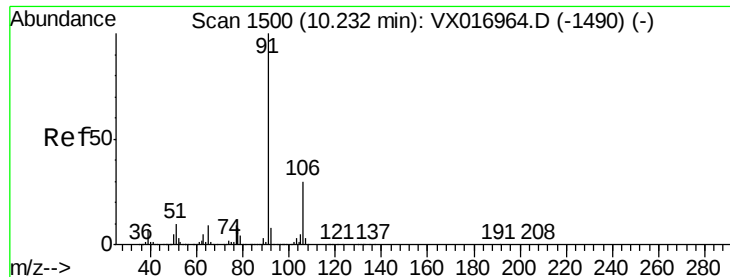
Tot Ion:112 Resp: 339310
Ion Ratio Lower Upper
112 100
114 30.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.695 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion:131 Resp: 128763
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.0
119 65.2 32.8 98.4

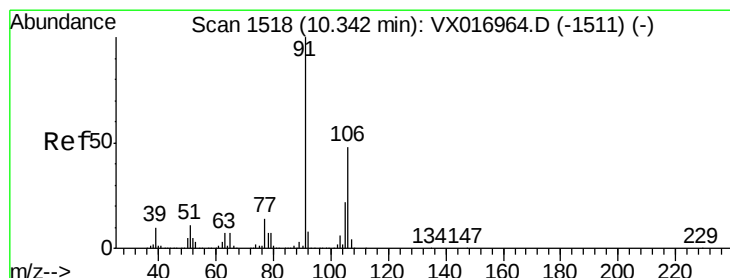
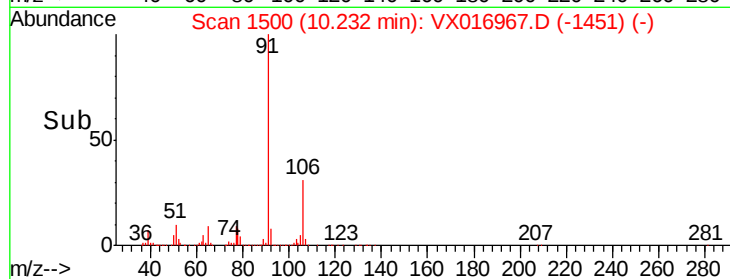
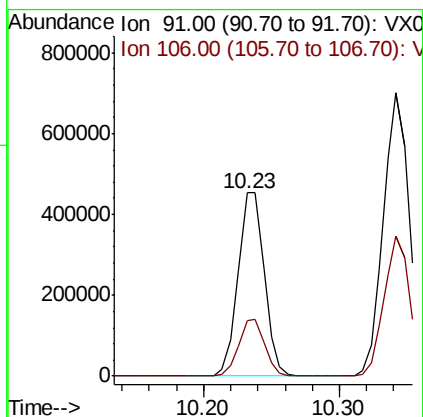
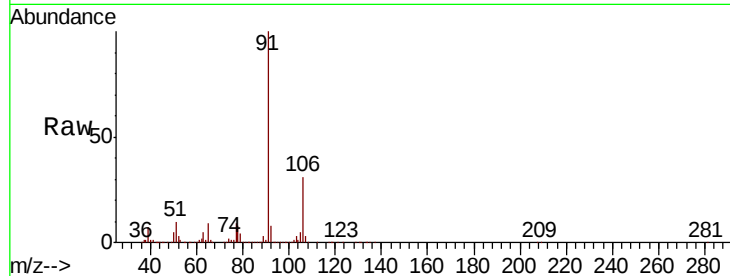




#67
Ethyl Benzene
Concen: 49.993 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

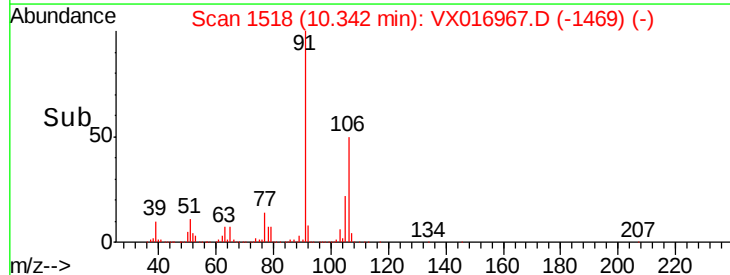
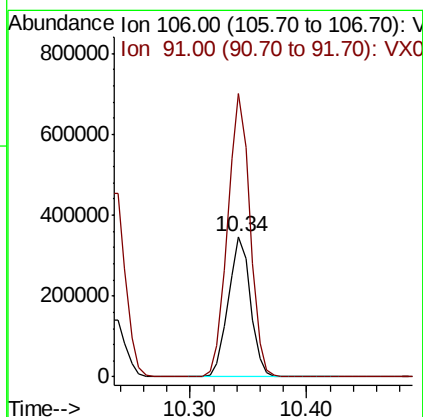
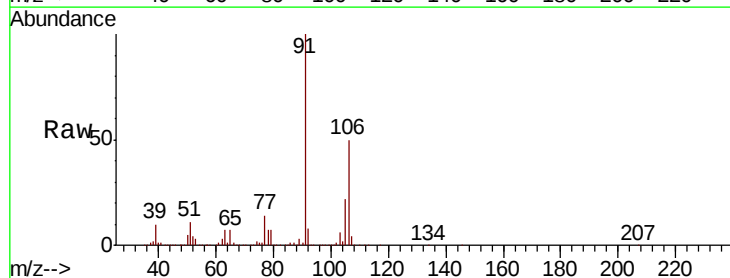
Instrument :
MSVOA_X
ClientSampled :

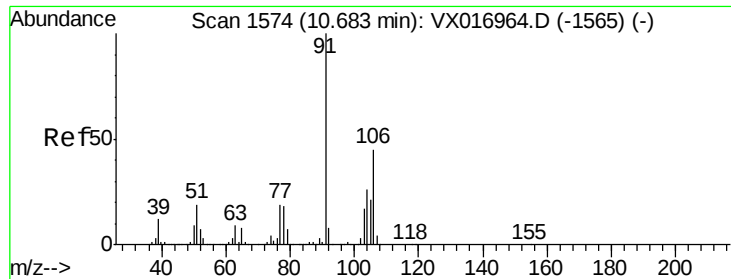
Tot Ion: 91 Resp: 611857
Ion Ratio Lower Upper
91 100
106 30.6 24.1 36.1



#68
m/p-Xylenes
Concen: 101.084 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion: 106 Resp: 459609
Ion Ratio Lower Upper
106 100
91 202.7 164.1 246.1

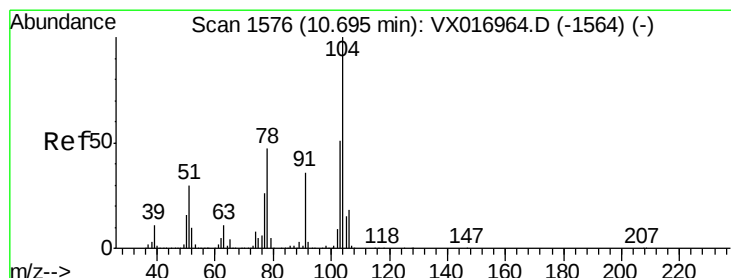
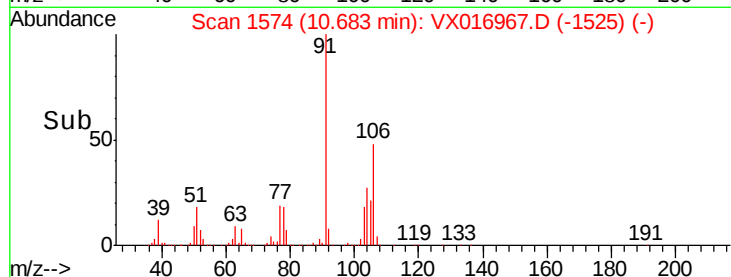
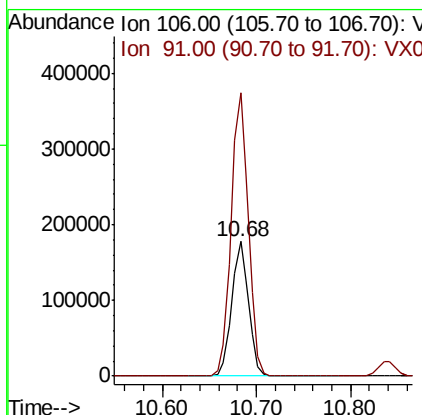
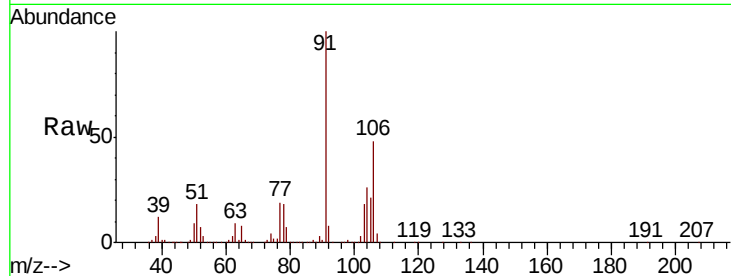




#69
o-Xylene
Concen: 50.511 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

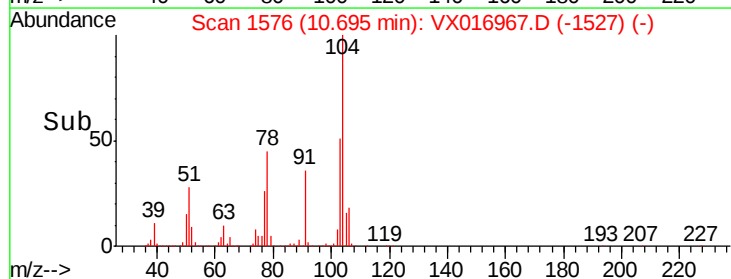
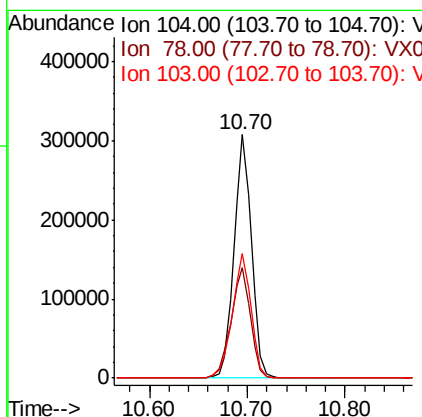
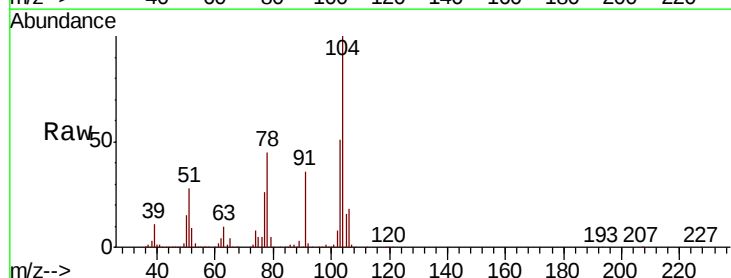
Instrument :
MSVOA_X
ClientSampled :

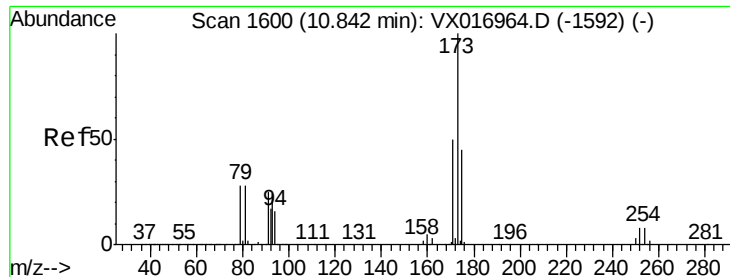
Tot Ion:106 Resp: 219106
Ion Ratio Lower Upper
106 100
91 215.4 109.1 327.2



#70
Styrene
Concen: 51.378 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion:104 Resp: 379647
Ion Ratio Lower Upper
104 100
78 50.7 41.9 62.9
103 55.1 43.9 65.9





#71

Bromoform

Concen: 51.600 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampled :

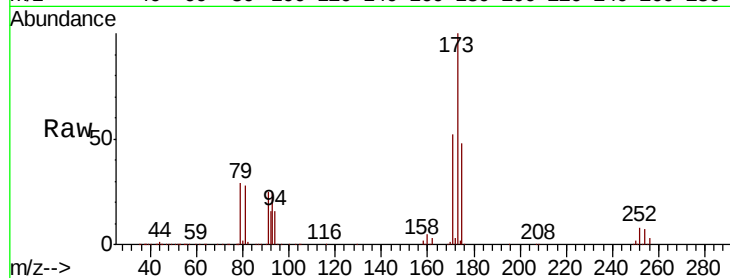
Tot Ion:173 Resp: 106307

Ion Ratio Lower Upper

173 100

175 49.3 23.4 70.2

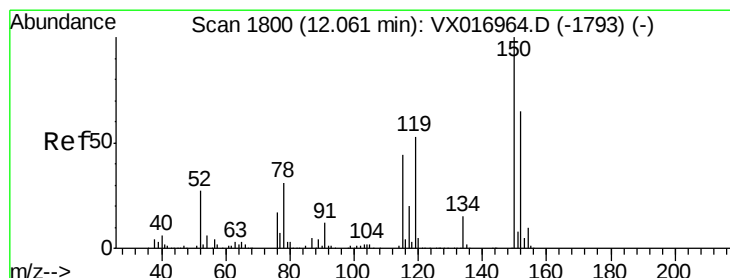
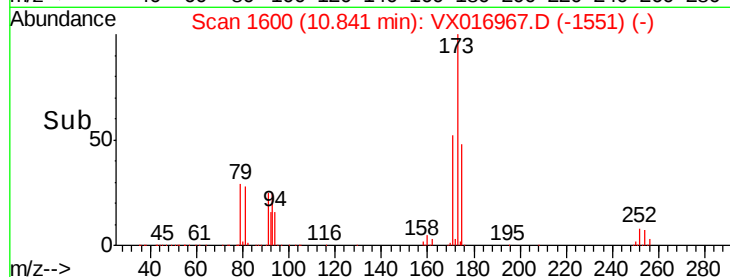
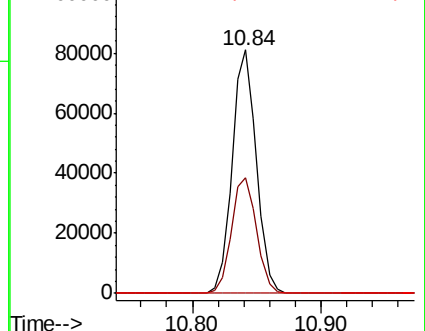
254 0.1 0.0 0.0#



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: VX016967.D

Acq: 25 Jun 2020 21:08

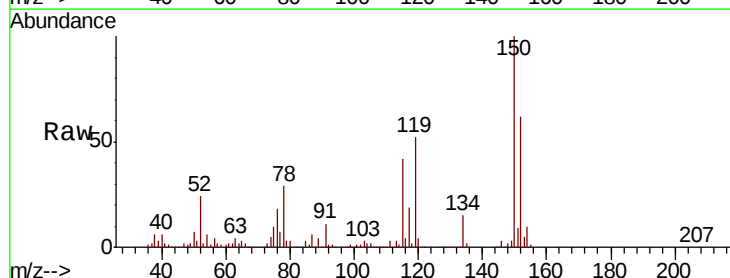
Tgt Ion:152 Resp: 172637

Ion Ratio Lower Upper

152 100

115 83.3 42.8 128.4

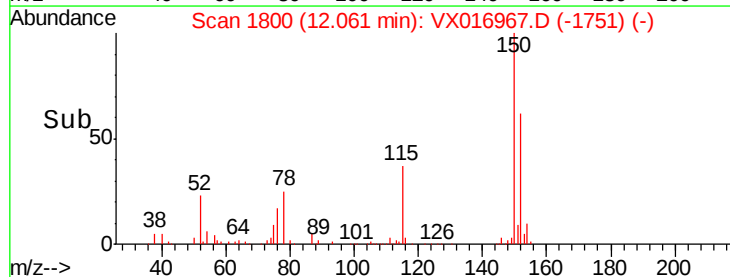
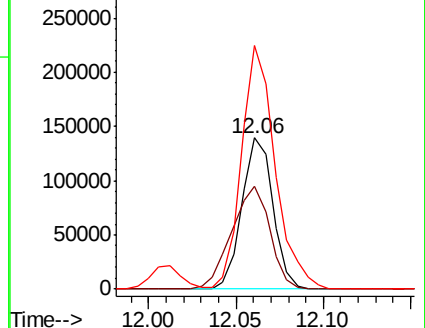
150 173.7 0.0 347.8

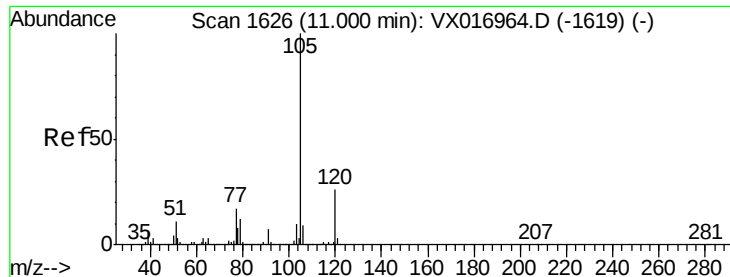


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.093 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

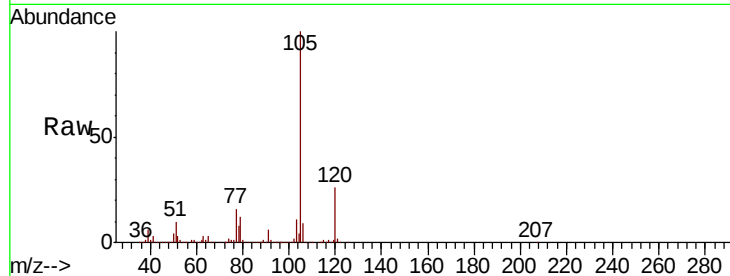
ClientSampled :

Tot Ion:105 Resp: 595429

Ion Ratio Lower Upper

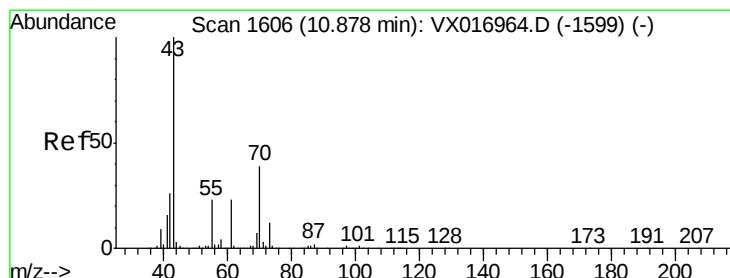
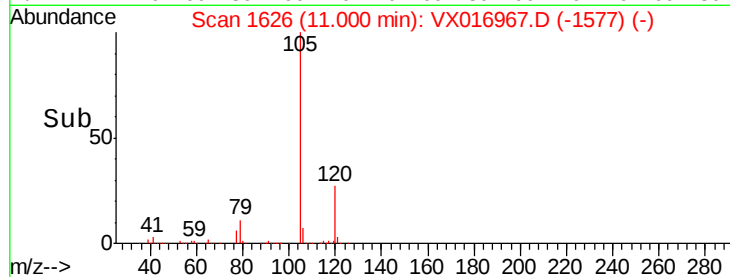
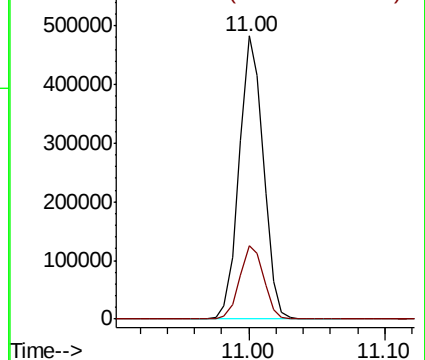
105 100

120 26.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.177 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Tgt Ion: 43 Resp: 275653

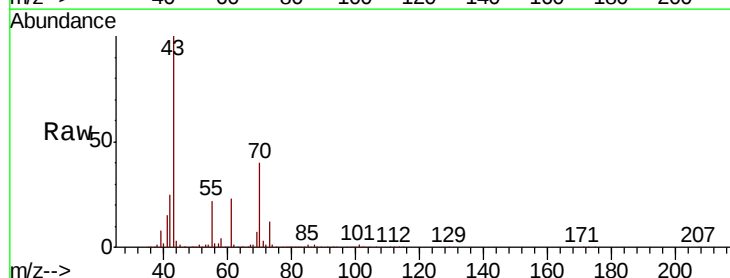
Ion Ratio Lower Upper

43 100

70 41.3 32.1 48.1

55 23.0 18.6 28.0

61 23.8 18.8 28.2

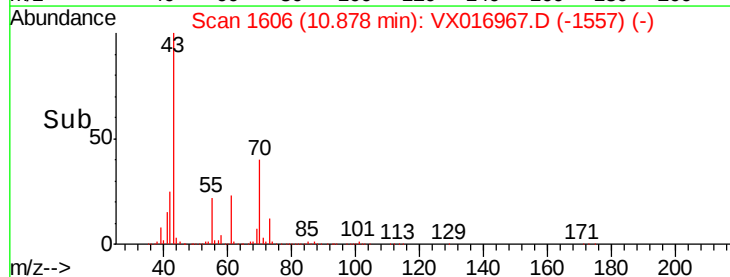
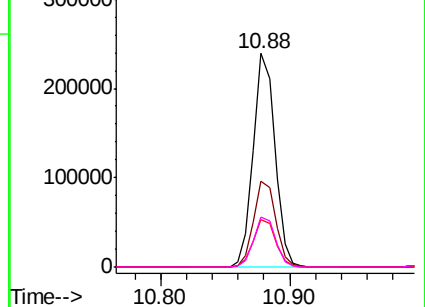


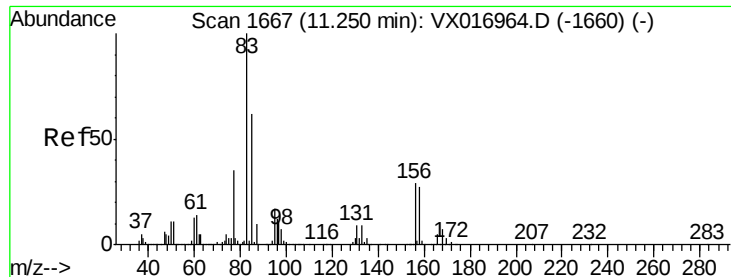
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.352 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

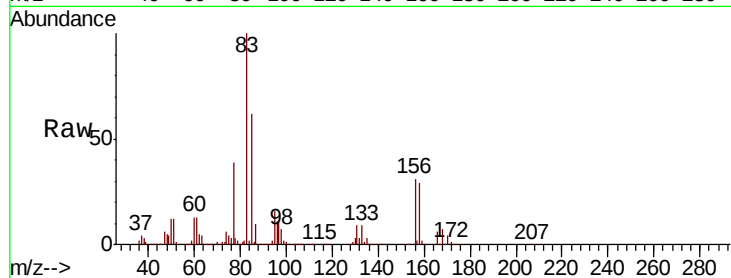
Tot Ion: 83 Resp: 193412

Ion Ratio Lower Upper

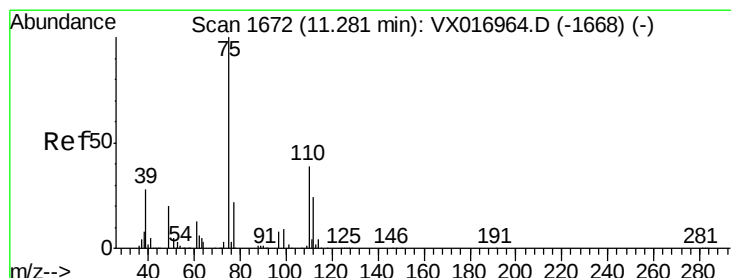
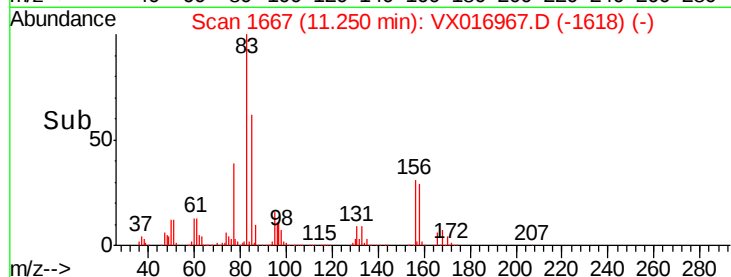
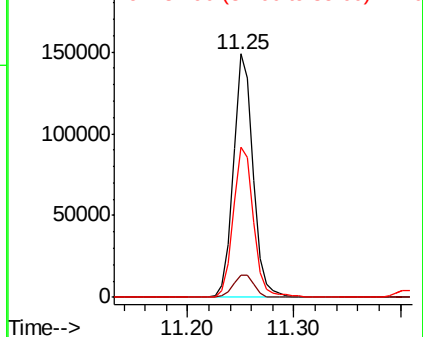
83 100

131 9.7 4.9 14.7

85 63.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.964 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016967.D

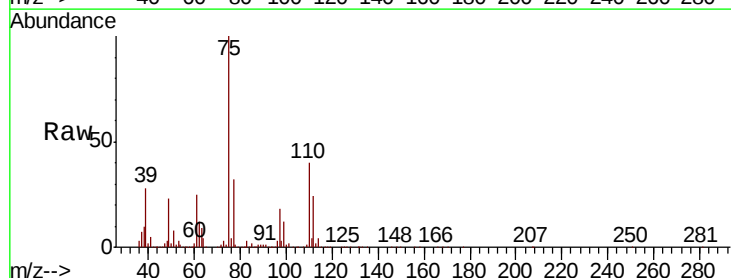
Acq: 25 Jun 2020 21:08

Tgt Ion: 75 Resp: 235364

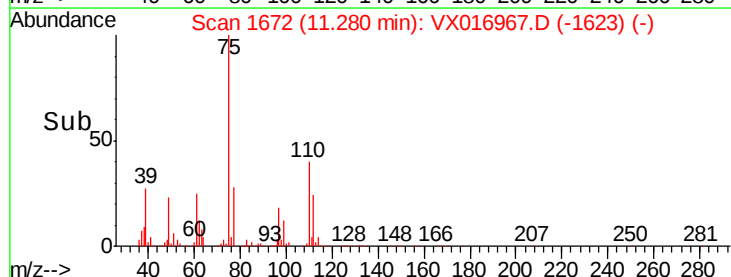
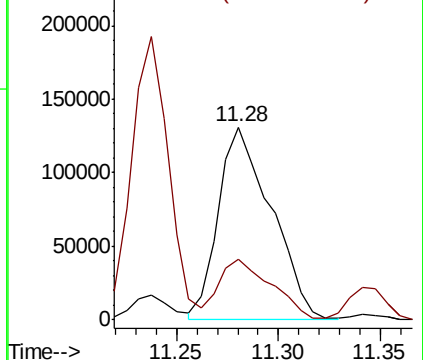
Ion Ratio Lower Upper

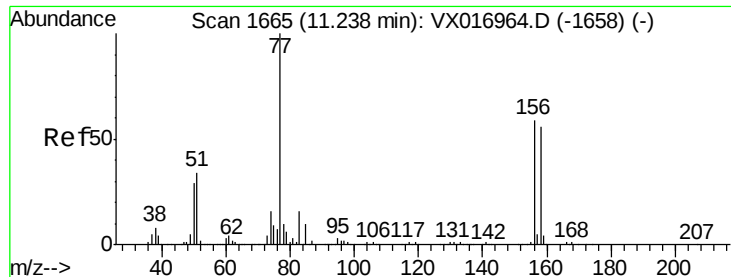
75 100

77 31.3 20.3 61.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.532 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

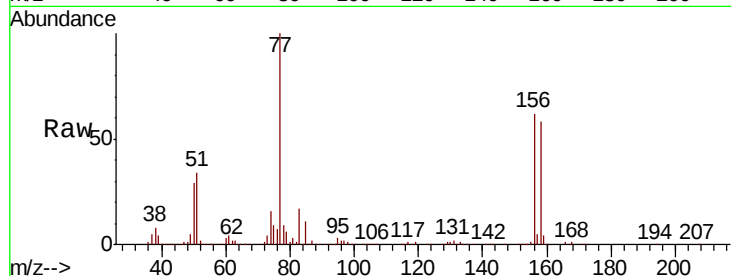
Tot Ion:156 Resp: 149565

Ion Ratio Lower Upper

156 100

77 163.2 85.2 255.6

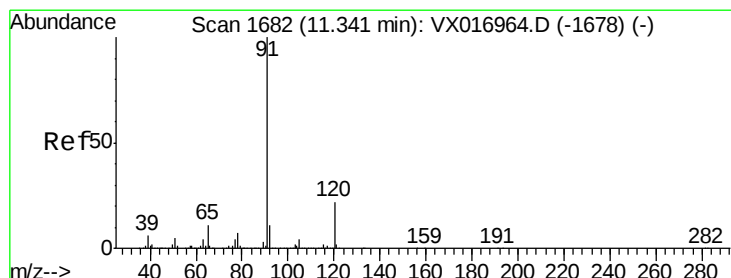
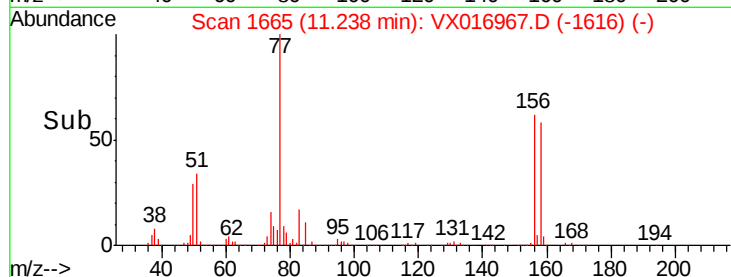
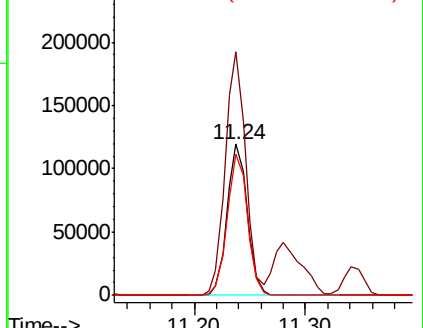
158 94.1 48.3 144.9



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: 49.309 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016967.D

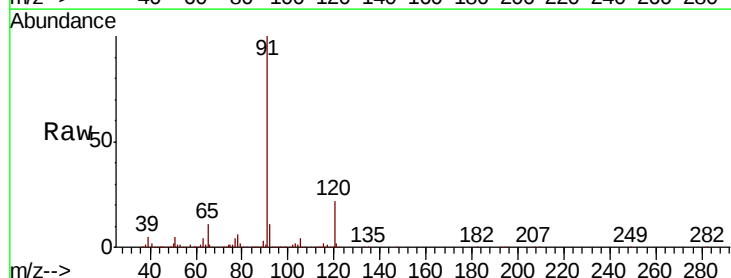
Acq: 25 Jun 2020 21:08

Tgt Ion: 91 Resp: 691785

Ion Ratio Lower Upper

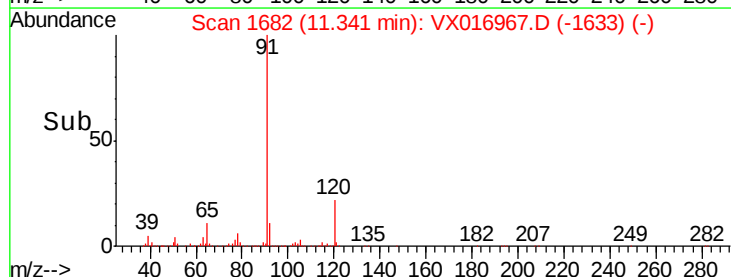
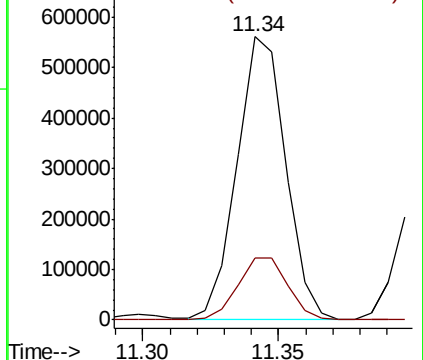
91 100

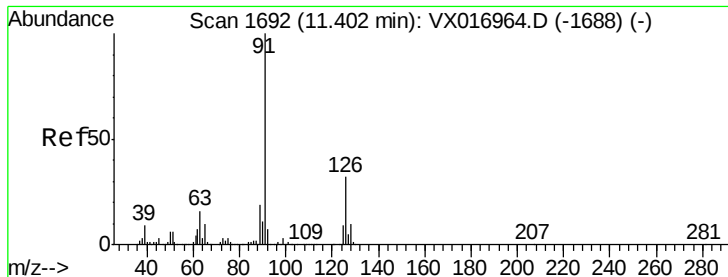
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.985 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

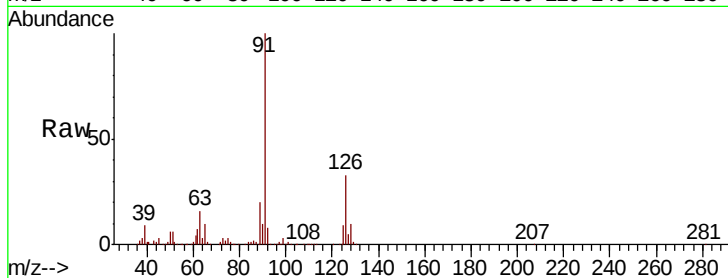
ClientSampleId :

Tot Ion: 91 Resp: 404826

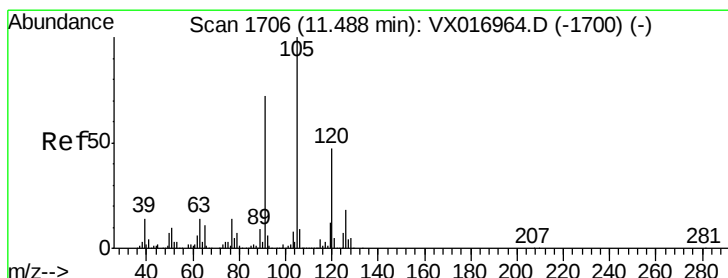
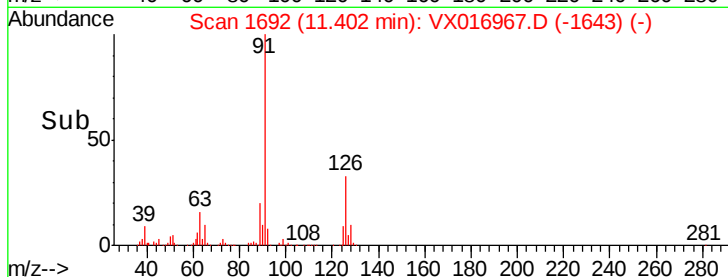
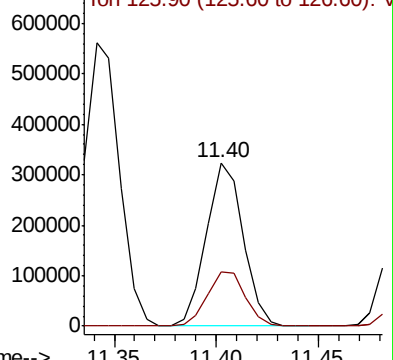
Ion Ratio Lower Upper

91 100

126 34.4 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VX016967.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.876 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016967.D

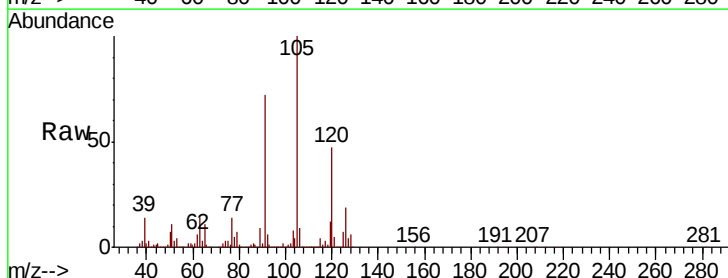
Acq: 25 Jun 2020 21:08

Tgt Ion: 105 Resp: 502640

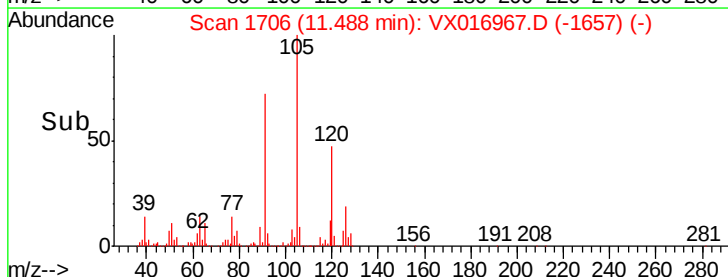
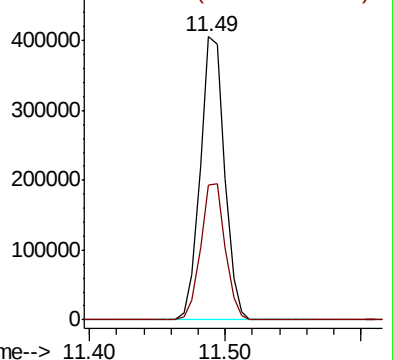
Ion Ratio Lower Upper

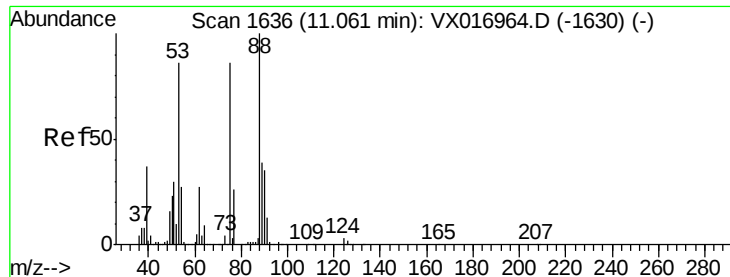
105 100

120 48.5 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VX016967.D (-1657) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.206 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

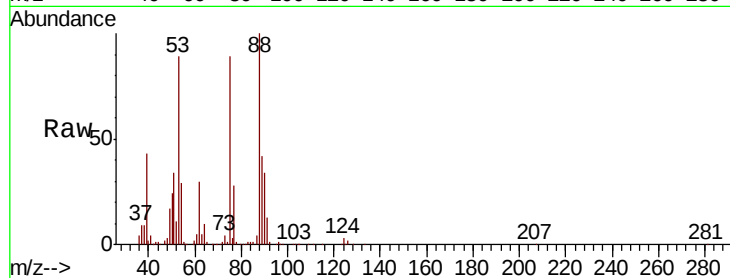
Tot Ion: 75 Resp: 68790

Ion Ratio Lower Upper

75 100

53 98.6 81.9 122.9

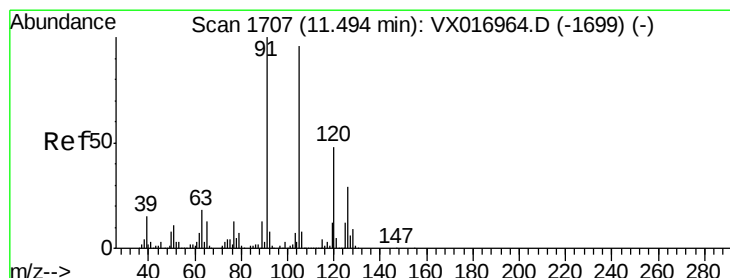
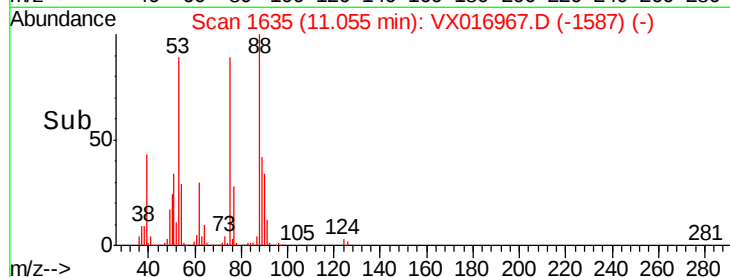
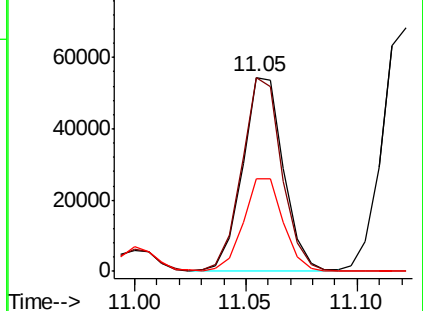
89 47.5 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.091 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016967.D

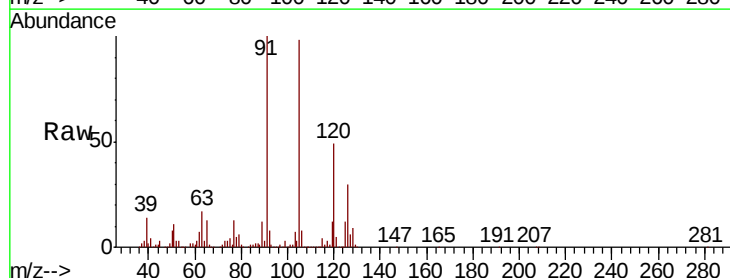
Acq: 25 Jun 2020 21:08

Tgt Ion: 91 Resp: 487440

Ion Ratio Lower Upper

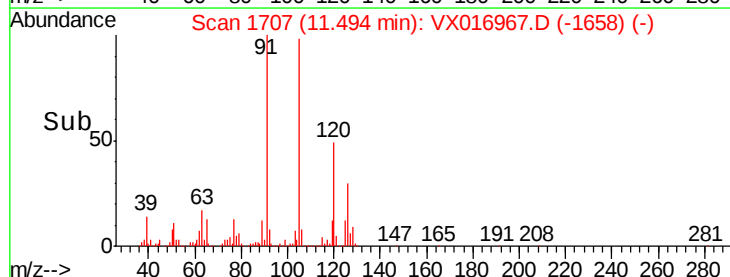
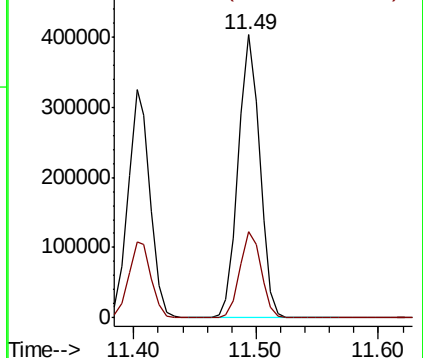
91 100

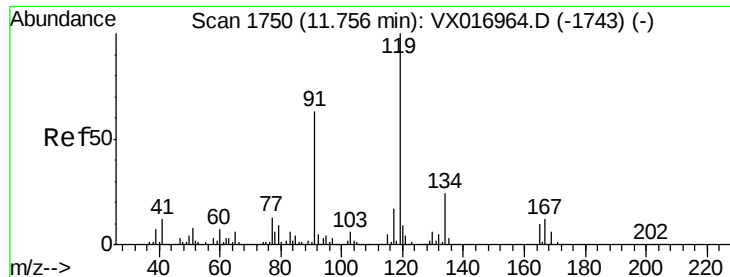
126 30.1 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.963 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampled :

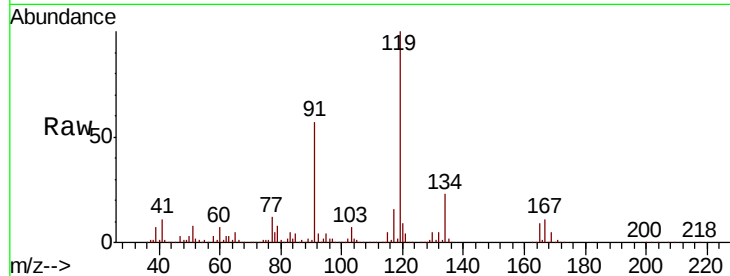
Tot Ion:119 Resp: 490377

Ion Ratio Lower Upper

119 100

91 57.4 30.0 90.0

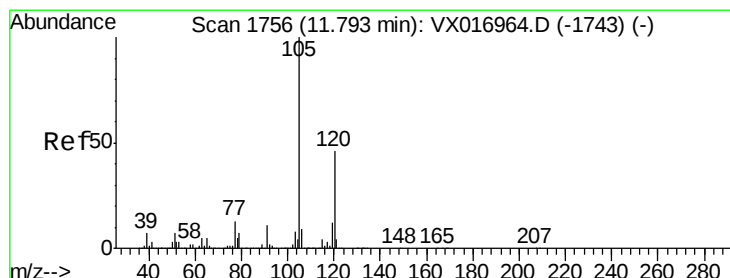
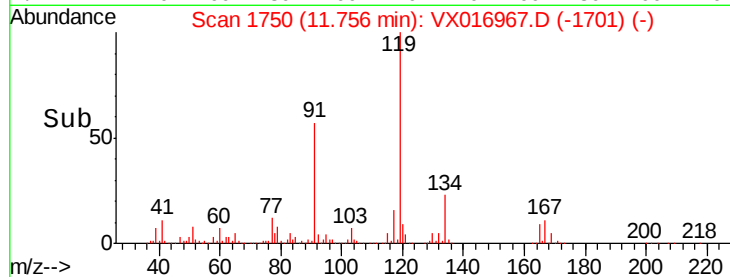
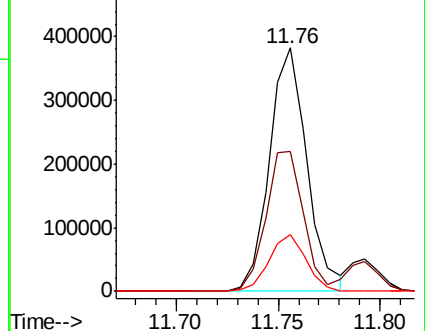
134 22.7 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.918 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016967.D

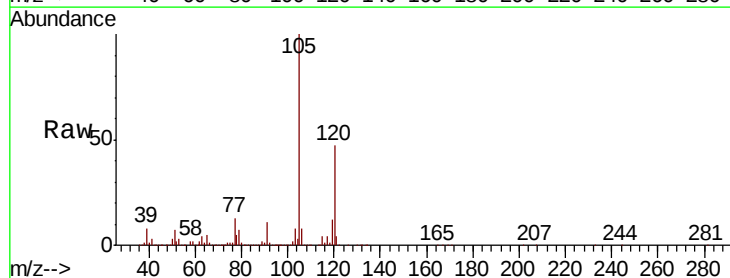
Acq: 25 Jun 2020 21:08

Tgt Ion:105 Resp: 508843

Ion Ratio Lower Upper

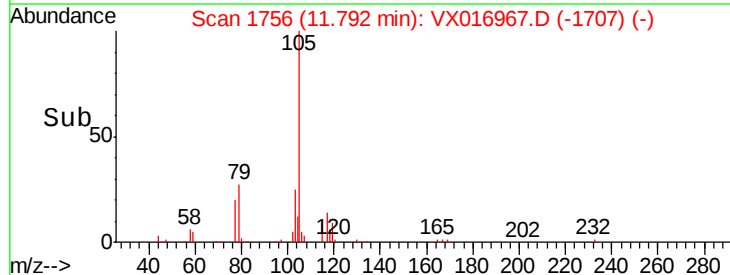
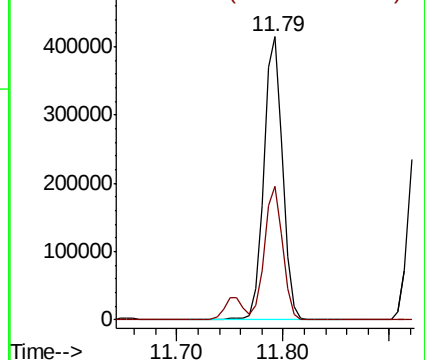
105 100

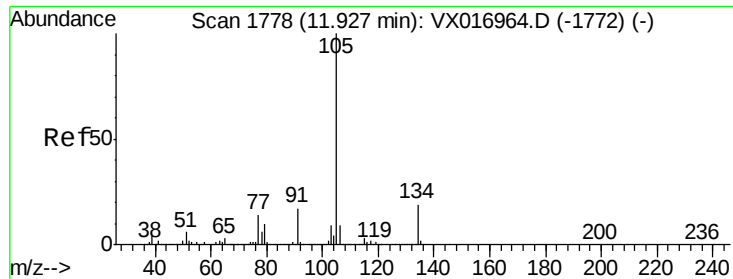
120 45.9 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

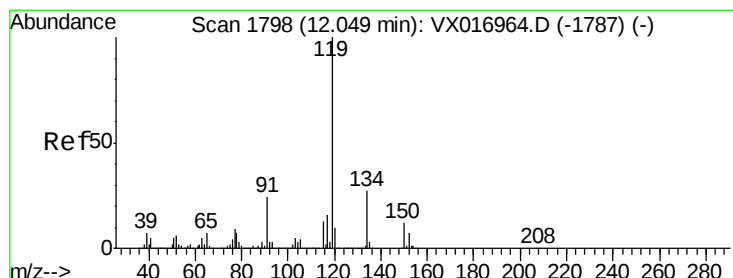
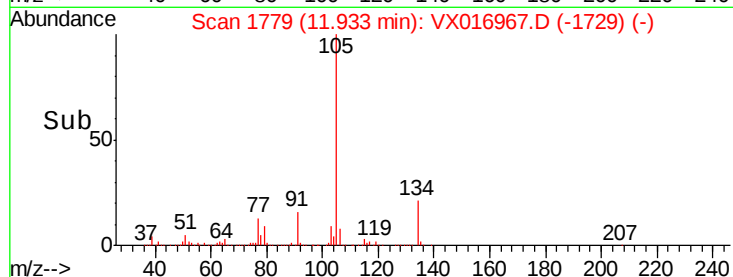
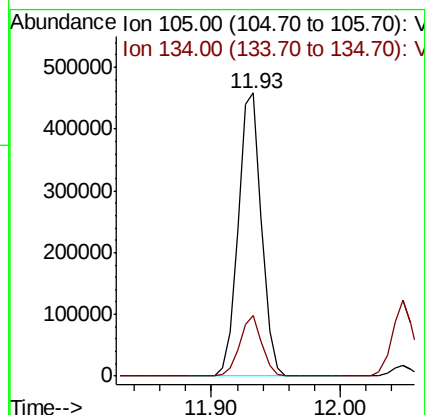
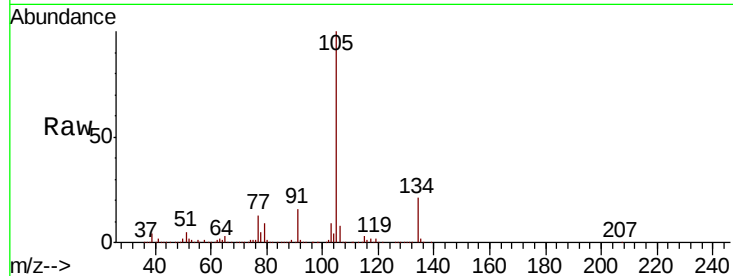




#85
 sec-Butylbenzene
 Concen: 51.116 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

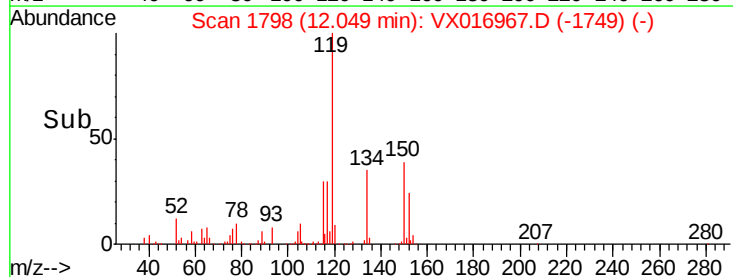
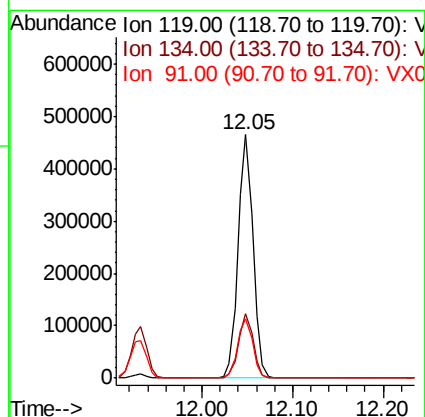
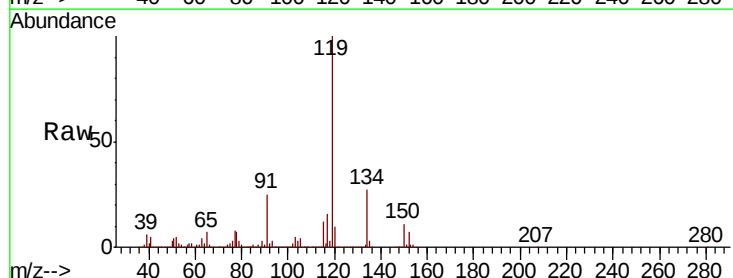
Instrument :
 MSVOA_X
 ClientSampled :

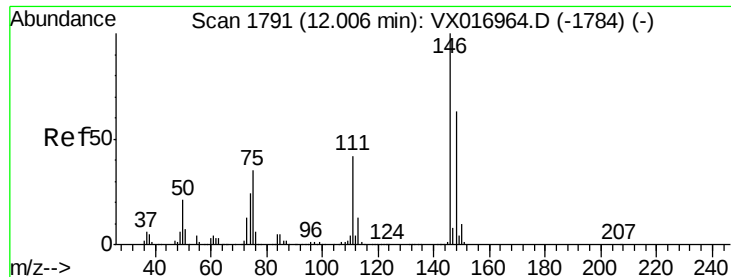
Tot Ion:105 Resp: 573463
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 51.665 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion:119 Resp: 529592
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.8 12.4 37.4

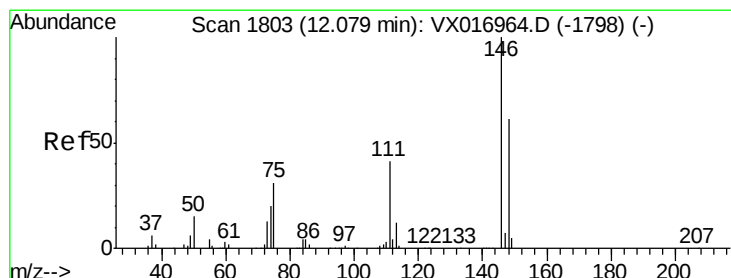
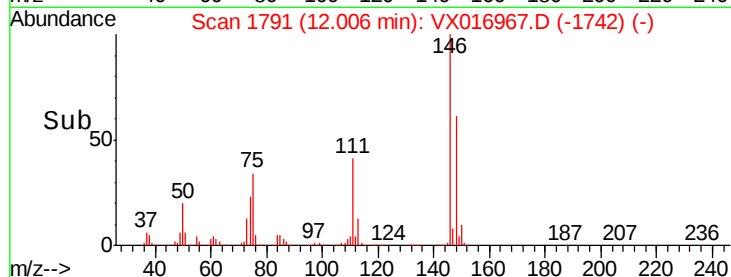
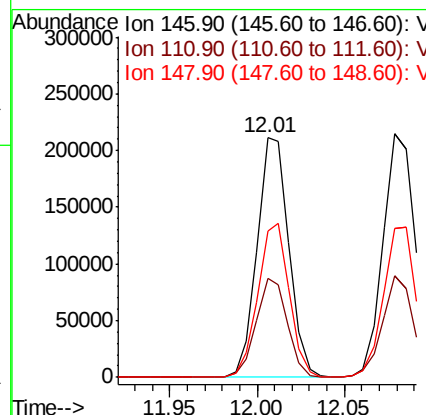
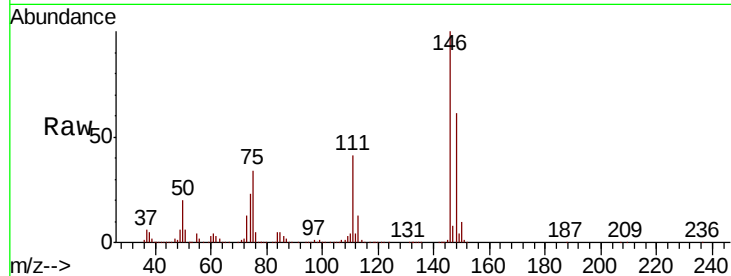




#87
 1,3-Dichlorobenzene
 Concen: 48.534 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

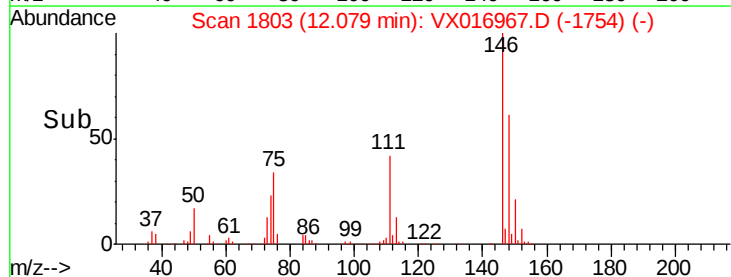
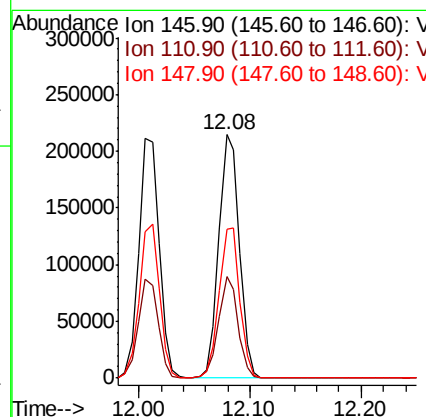
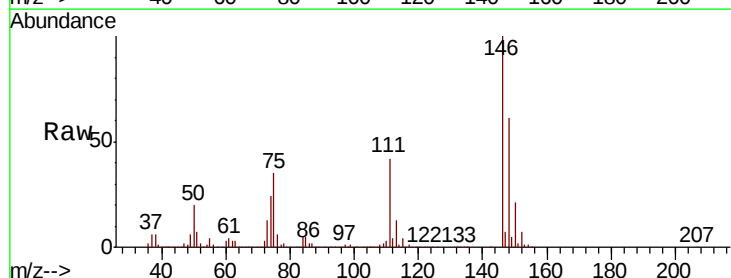
Instrument :
 MSVOA_X
 ClientSampleId :

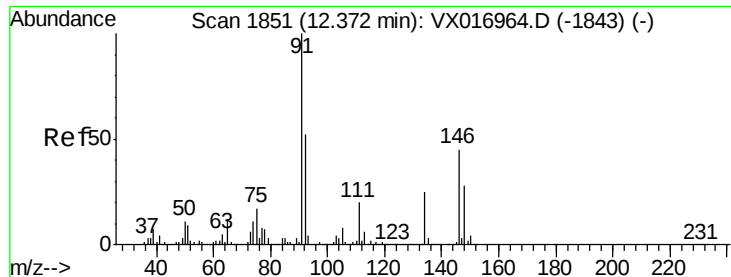
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.9
148	63.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.464 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	62.0	31.3	93.9

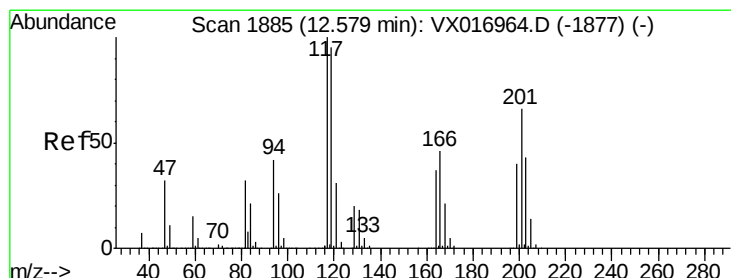
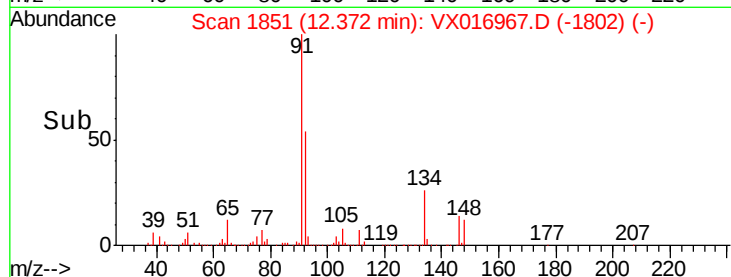
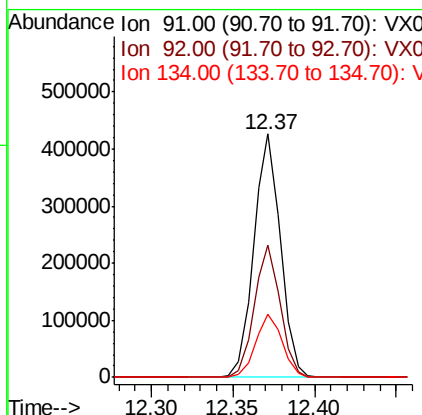
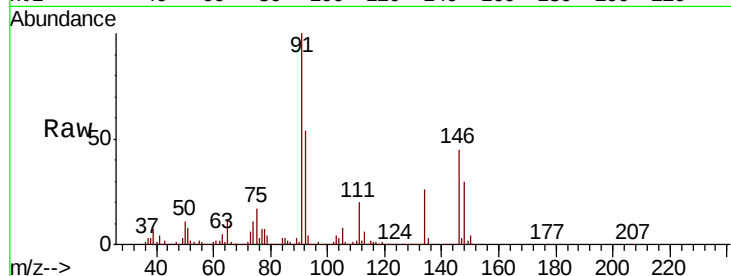




#89
n-Butylbenzene
Concen: 50.194 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

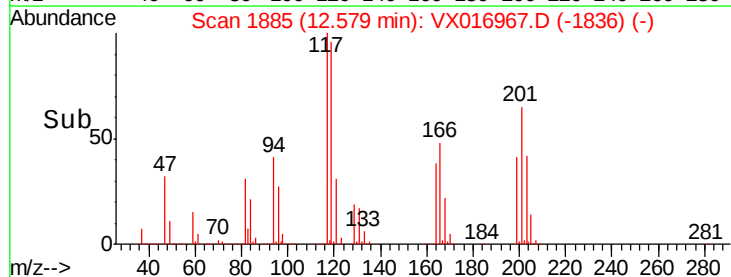
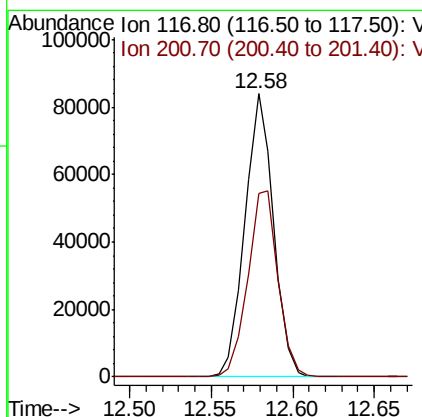
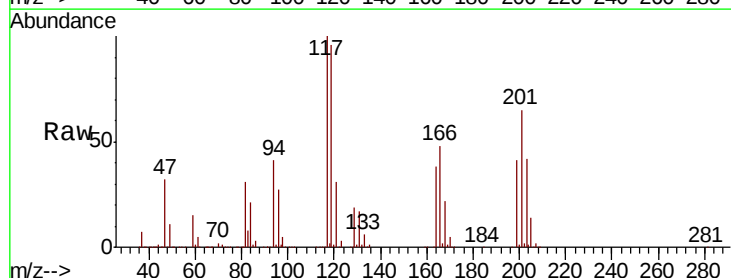
Instrument :
MSVOA_X
ClientSampled :

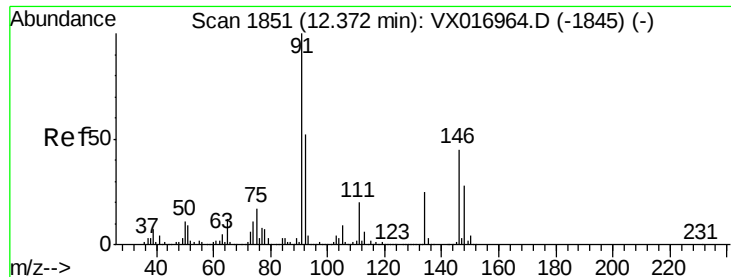
Tot Ion: 91 Resp: 484301
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.7
134 25.9 12.6 37.8



#90
Hexachloroethane
Concen: 48.218 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion: 117 Resp: 102462
Ion Ratio Lower Upper
117 100
201 69.6 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 48.612 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

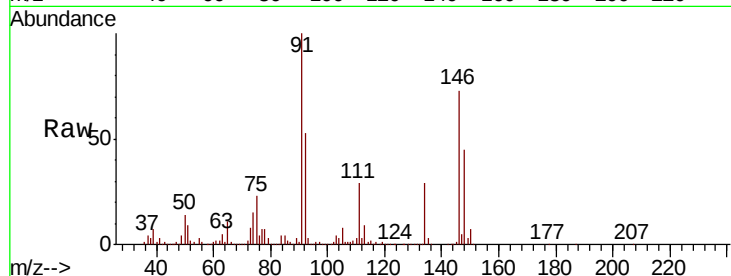
Tot Ion:146 Resp: 254923

Ion Ratio Lower Upper

146 100

111 41.9 21.6 64.6

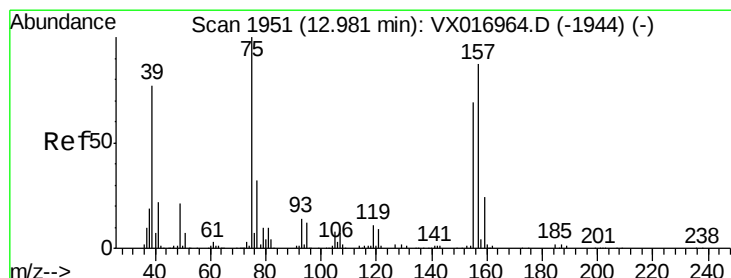
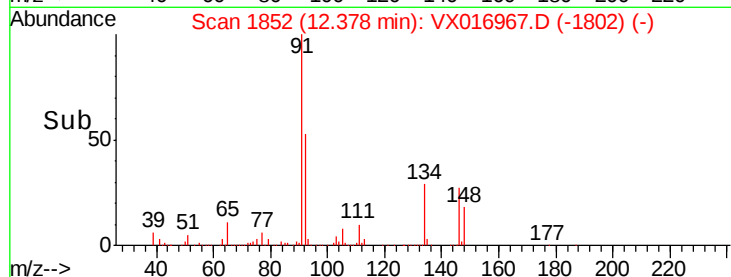
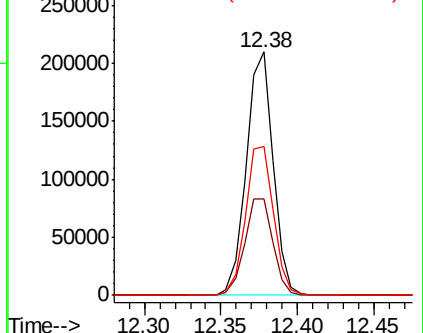
148 63.8 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.491 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

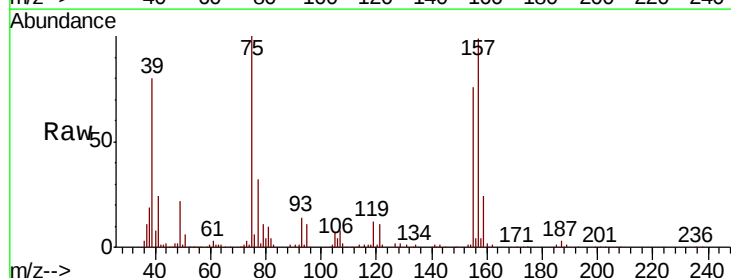
Tgt Ion: 75 Resp: 43469

Ion Ratio Lower Upper

75 100

155 79.2 39.0 117.0

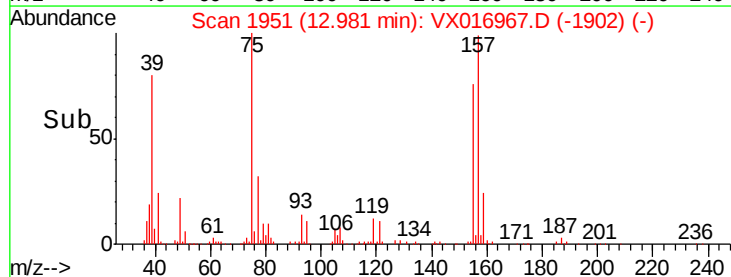
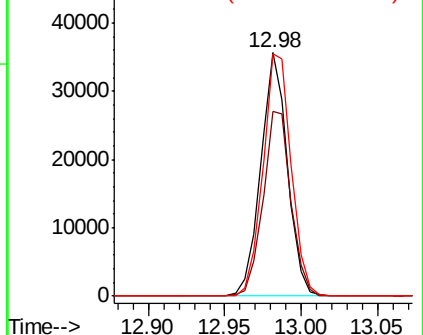
157 105.3 50.0 150.1

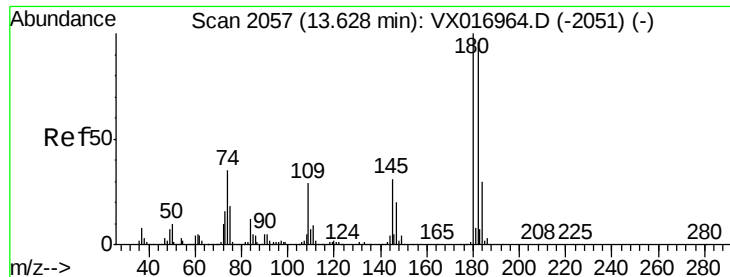


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

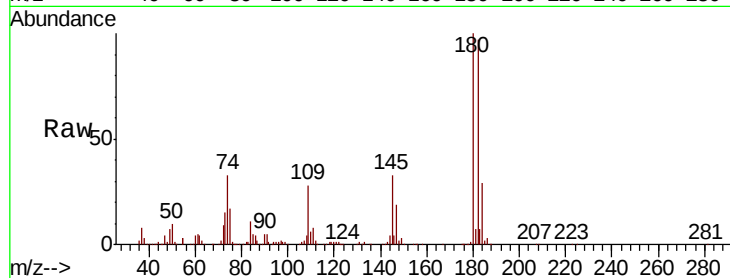




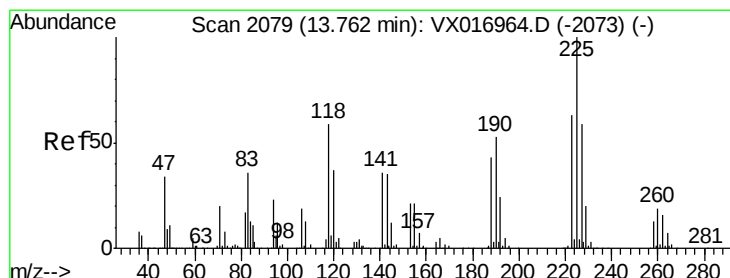
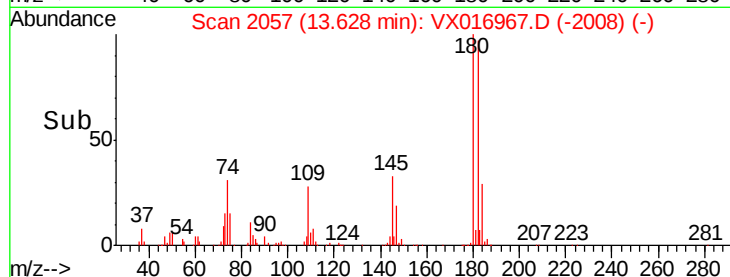
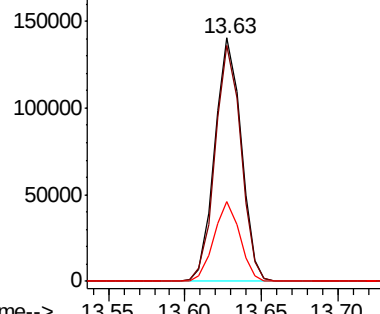
#93
 1,2,4-Trichlorobenzene
 Concen: 49.297 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.4	139.1
145	32.3	15.5	46.5

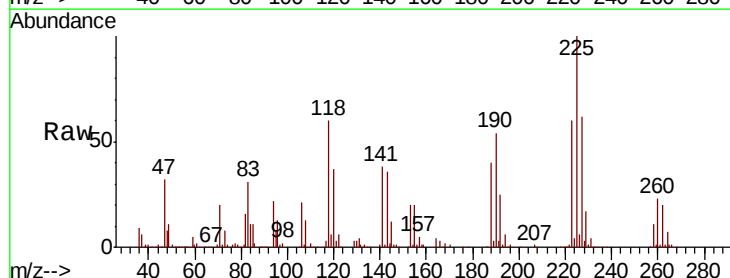


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

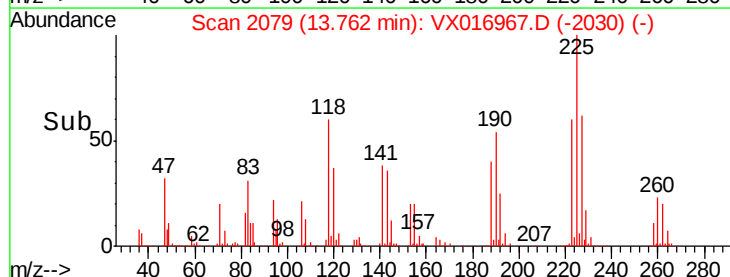
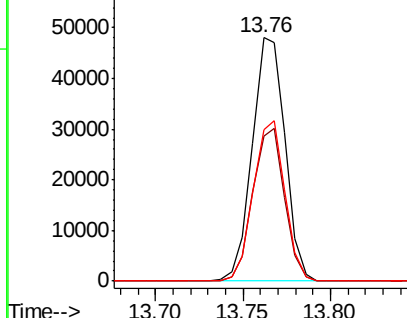


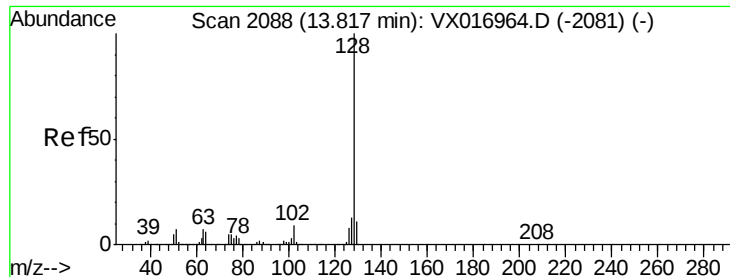
#94
 Hexachlorobutadiene
 Concen: 51.347 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.1	93.2
227	63.7	30.3	90.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

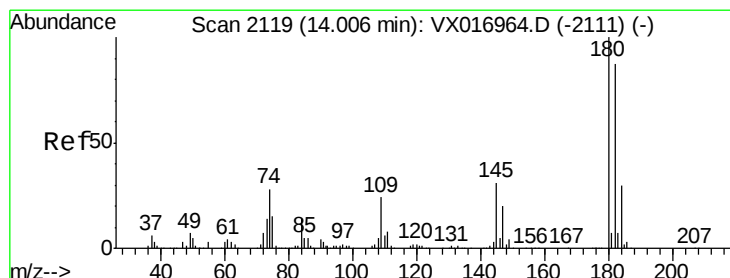
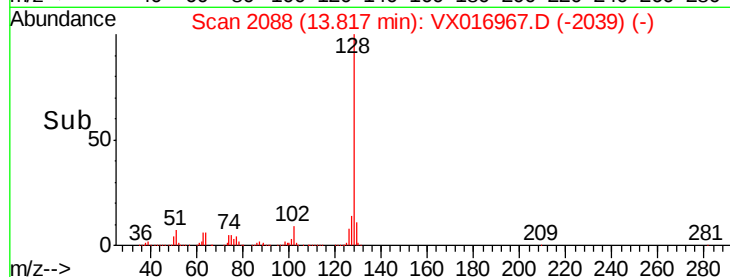
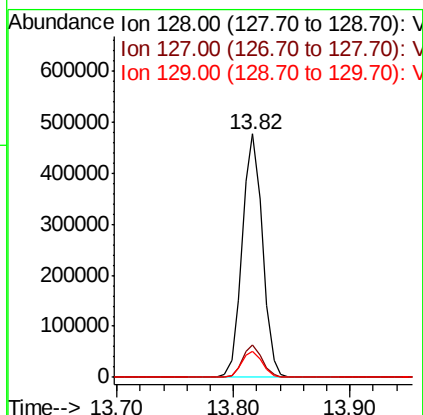
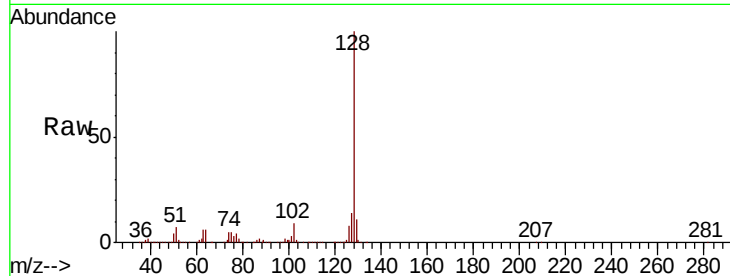




#95
Naphthalene
Concen: 51.756 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 581188
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.691 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion:180 Resp: 166126
Ion Ratio Lower Upper
180 100
182 96.3 47.8 143.3
145 33.0 16.9 50.6

