

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016271.D
 Acq On : 15 May 2020 11:38
 Operator : JC/SP
 Sample : VX0515WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 06:40:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	273878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	432266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200302	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	160251	44.47	ug/l	0.00
Spiked Amount			Recovery	=	88.94%	
35) Dibromofluoromethane	5.46	113	127961	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
50) Toluene-d8	8.70	98	508387	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.12	95	187949	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	50622	17.462	ug/l	98
3) Chloromethane	1.31	50	56045	16.647	ug/l	99
4) Vinyl Chloride	1.39	62	59727	16.629	ug/l	99
5) Bromomethane	1.63	94	37775	20.861	ug/l	100
6) Chloroethane	1.71	64	36772	16.826	ug/l	98
7) Trichlorofluoromethane	1.92	101	79451	16.849	ug/l	98
8) Diethyl Ether	2.17	74	33323	16.772	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46270	17.007	ug/l	99
10) Methyl Iodide	2.49	142	47325	12.950	ug/l	99
11) Tert butyl alcohol	3.01	59	73091	80.201	ug/l	100
12) 1,1-Dichloroethene	2.36	96	45790	16.084	ug/l	98
13) Acrolein	2.27	56	36594	64.167	ug/l	98
14) Allyl chloride	2.71	41	84416	16.171	ug/l	95
15) Acrylonitrile	3.11	53	157906	83.522	ug/l	100
16) Acetone	2.42	43	119982	74.613	ug/l	96
17) Carbon Disulfide	2.55	76	133536	15.476	ug/l	99
18) Methyl Acetate	2.75	43	70000	17.704	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	173217	17.649	ug/l	98
20) Methylene Chloride	2.83	84	55938	16.874	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	52076	16.414	ug/l	98
22) Diisopropyl ether	3.82	45	169228	17.184	ug/l	93
23) Vinyl Acetate	3.78	43	728930	84.132	ug/l	99
24) 1,1-Dichloroethane	3.67	63	95220	17.285	ug/l	99
25) 2-Butanone	4.63	43	215112	83.016	ug/l	98
26) 2,2-Dichloropropane	4.55	77	86664	17.226	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	61031	17.596	ug/l	96
28) Bromochloromethane	4.98	49	46674	18.580	ug/l	95
29) Tetrahydrofuran	5.09	42	143538	83.601	ug/l	97
30) Chloroform	5.17	83	96387	17.573	ug/l	98
31) Cyclohexane	5.54	56	84432	16.864	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	87193	17.488	ug/l	99
36) 1,1-Dichloropropene	5.77	75	73425	17.256	ug/l	98
37) Ethyl Acetate	4.79	43	82965	16.823	ug/l	98
38) Carbon Tetrachloride	5.75	117	76482	17.684	ug/l	91

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 06:40:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	85268	16.640	ug/l	100
40) Benzene	6.11	78	220112	17.680	ug/l	99
41) Methacrylonitrile	5.01	41	44700	16.783	ug/l	97
42) 1,2-Dichloroethane	6.16	62	75630	16.863	ug/l	98
43) Isopropyl Acetate	6.41	43	134282	17.065	ug/l	98
44) Trichloroethene	7.19	130	72865	16.474	ug/l	96
45) 1,2-Dichloropropane	7.49	63	56812	18.034	ug/l	99
46) Dibromomethane	7.63	93	37265	17.407	ug/l	100
47) Bromodichloromethane	7.88	83	76888	17.634	ug/l	100
48) Methyl methacrylate	7.74	41	61237	16.424	ug/l	95
49) 1,4-Dioxane	7.71	88	29538	330.315	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	420218	87.269	ug/l	98
52) Toluene	8.76	92	138899	17.899	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	88625	17.048	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	95259	17.543	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	55504	18.179	ug/l	98
56) Ethyl methacrylate	9.16	69	88199	17.697	ug/l	95
57) 1,3-Dichloropropane	9.35	76	95794	17.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	236942	89.303	ug/l	100
59) 2-Hexanone	9.47	43	320906	84.862	ug/l	98
60) Dibromochloromethane	9.57	129	60358	17.950	ug/l	100
61) 1,2-Dibromoethane	9.65	107	58485	17.684	ug/l	99
64) Tetrachloroethene	9.32	164	85033	17.521	ug/l	99
65) Chlorobenzene	10.12	112	147724	17.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	55905	18.273	ug/l	98
67) Ethyl Benzene	10.24	91	262119	17.748	ug/l	99
68) m/p-Xylenes	10.34	106	202056	36.515	ug/l	99
69) o-Xylene	10.68	106	95189	17.896	ug/l	99
70) Styrene	10.70	104	161259	17.871	ug/l	100
71) Bromoform	10.84	173	44913	18.018	ug/l #	98
73) Isopropylbenzene	11.00	105	255463	17.535	ug/l	100
74) N-amyl acetate	10.88	43	111345	16.385	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	56662	22.104	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	106328	23.393	ug/l	83
77) Bromobenzene	11.24	156	63590	16.910	ug/l	99
78) n-propylbenzene	11.34	91	289225	17.065	ug/l	100
79) 2-Chlorotoluene	11.41	91	175310	17.523	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	216927	17.635	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	32131	16.846	ug/l	97
82) 4-Chlorotoluene	11.49	91	204502	17.310	ug/l	99
83) tert-Butylbenzene	11.76	119	185309	17.481	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	216246	17.389	ug/l	99
85) sec-Butylbenzene	11.93	105	241183	16.851	ug/l	100
86) p-Isopropyltoluene	12.05	119	226677	17.058	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	114839	17.008	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	115821	16.900	ug/l	98
89) n-Butylbenzene	12.37	91	191554	15.778	ug/l	100
90) Hexachloroethane	12.58	117	38779	16.992	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	112197	17.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19251	16.070	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78304	16.268	ug/l	97
94) Hexachlorobutadiene	13.77	225	31393	15.511	ug/l	99
95) Naphthalene	13.82	128	256497	16.457	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	78456	16.678	ug/l	98

(#) = 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. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

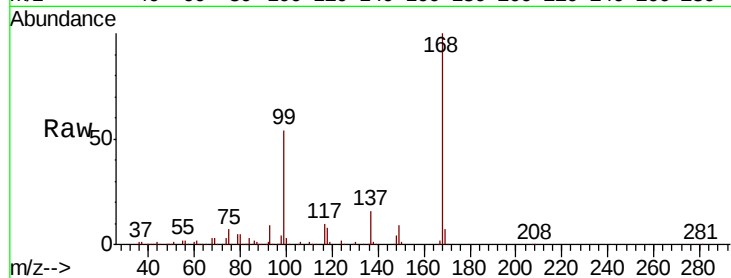
ClientSampleId :

Tot Ion:168 Resp: 273878

Ion Ratio Lower Upper

168 100

99 53.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

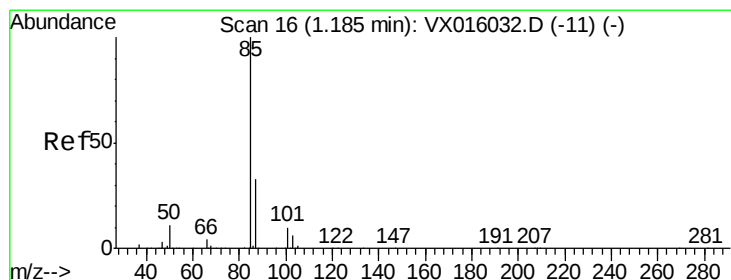
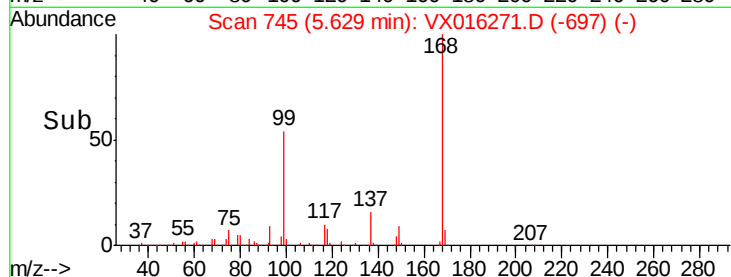
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.462 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016271.D

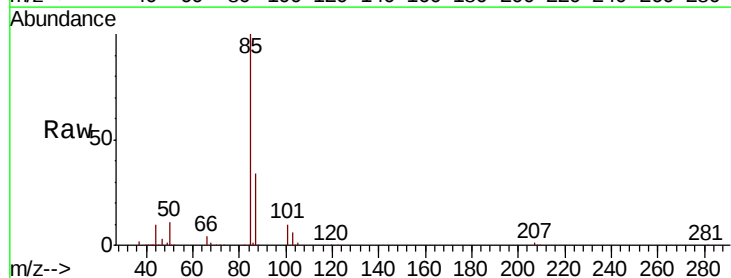
Acq: 15 May 2020 11:38

Tgt Ion: 85 Resp: 50622

Ion Ratio Lower Upper

85 100

87 33.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

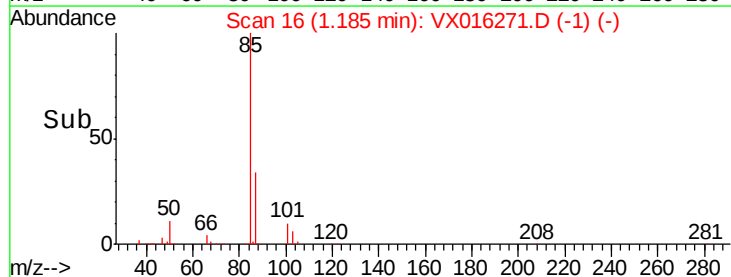
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.647 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

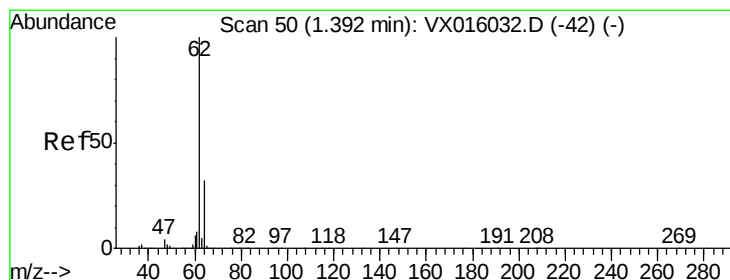
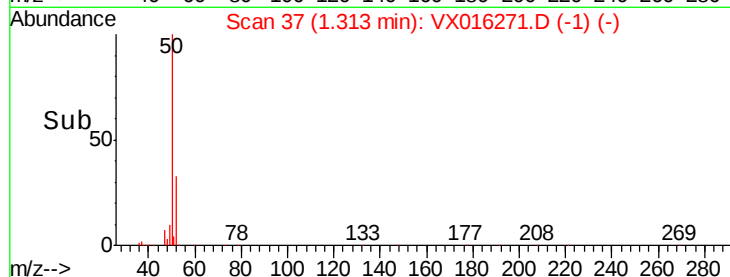
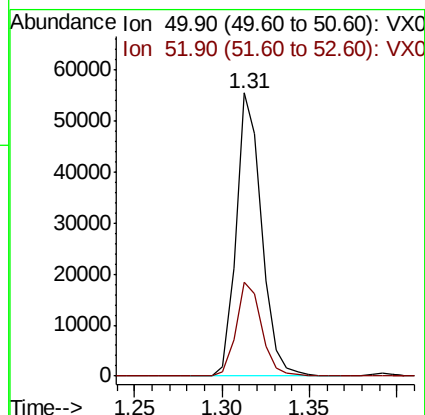
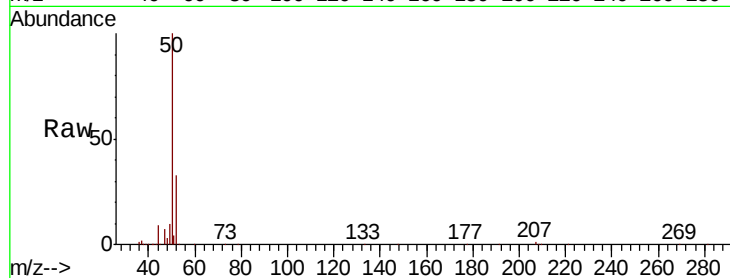
ClientSampleId :

Tot Ion: 50 Resp: 56045

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 16.629 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016271.D

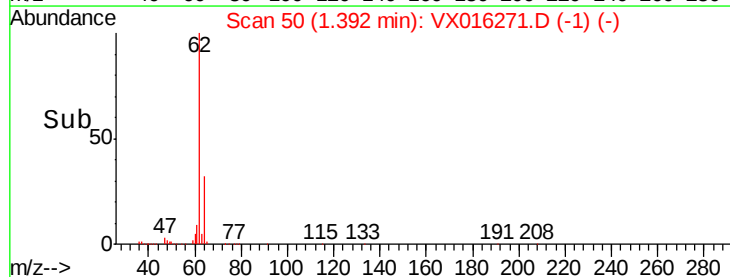
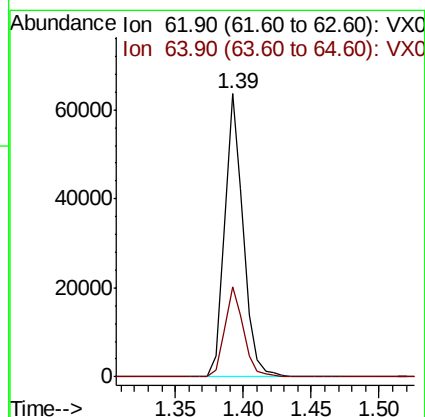
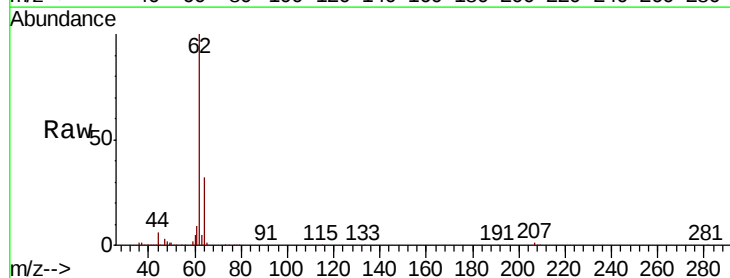
Acq: 15 May 2020 11:38

Tgt Ion: 62 Resp: 59727

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 20.861 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

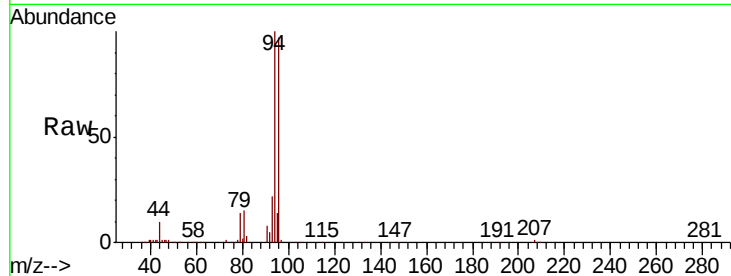
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 37775

Ion Ratio Lower Upper

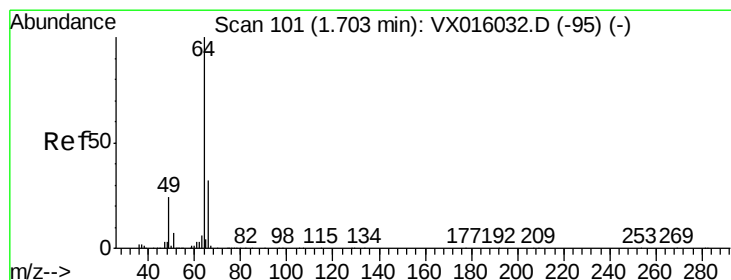
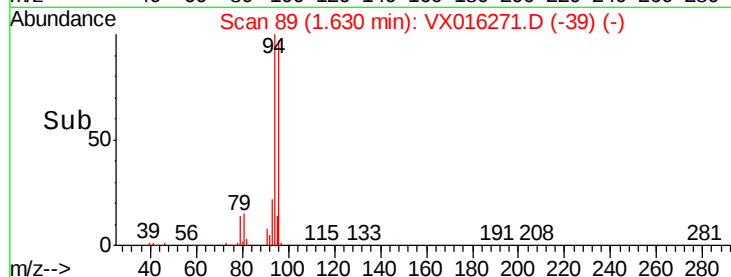
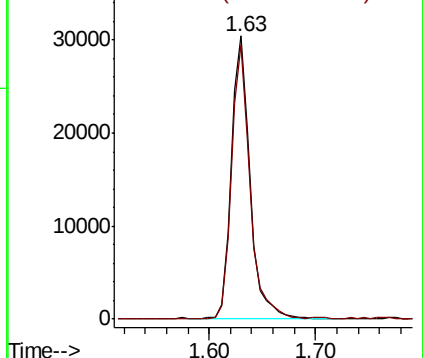
94 100

96 96.5 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.826 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016271.D

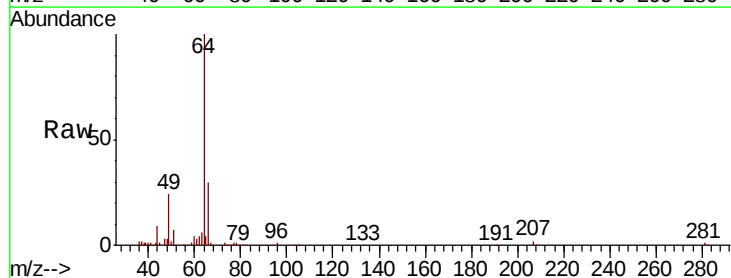
Acq: 15 May 2020 11:38

Tgt Ion: 64 Resp: 36772

Ion Ratio Lower Upper

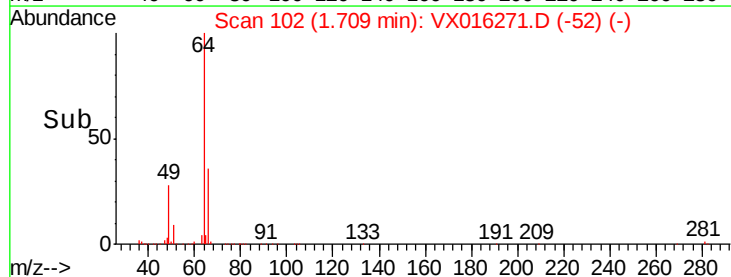
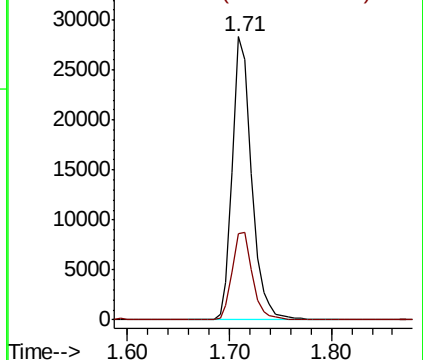
64 100

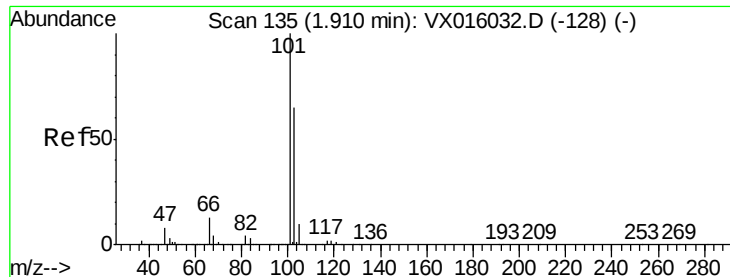
66 30.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



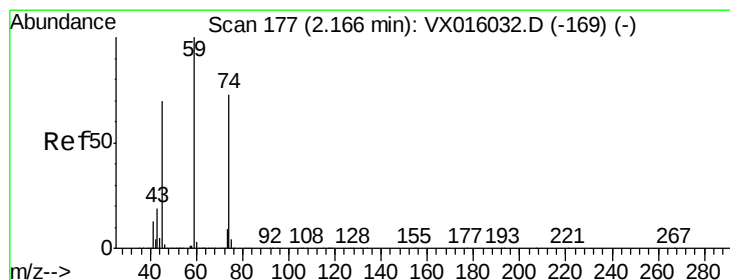
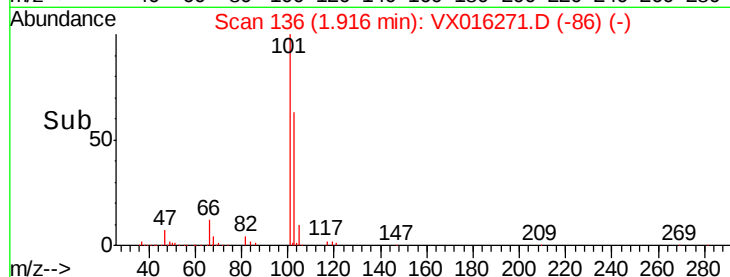
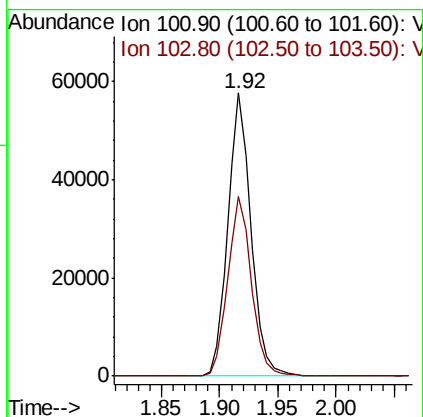
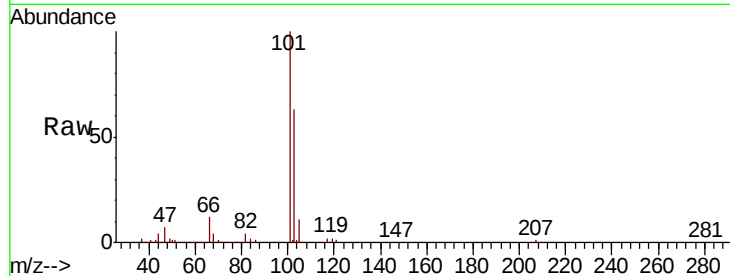


#7

Trichlorofluoromethane
Concen: 16.849 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

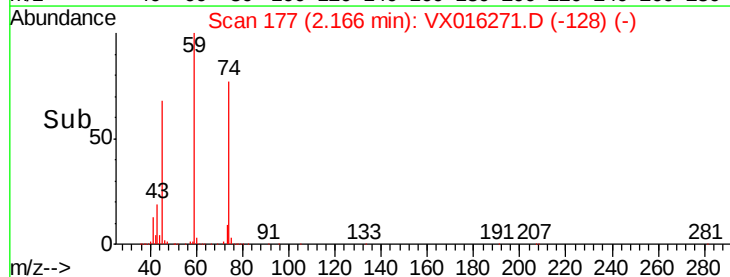
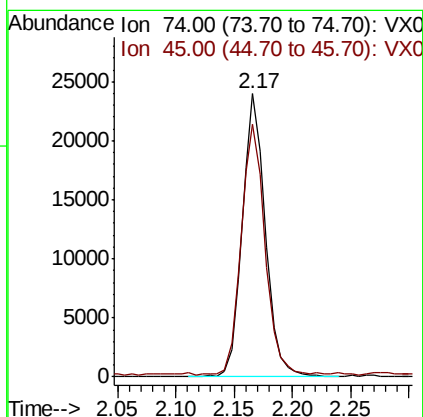
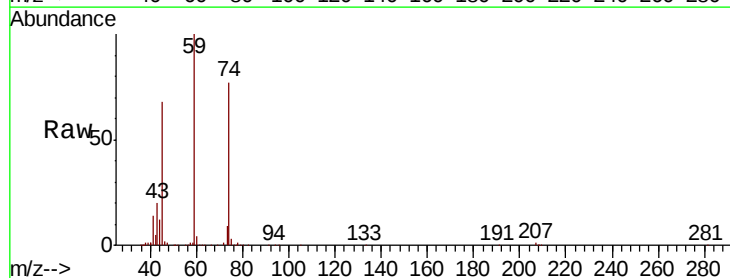
Tot Ion:101 Resp: 79451
Ion Ratio Lower Upper
101 100
103 63.4 51.8 77.6

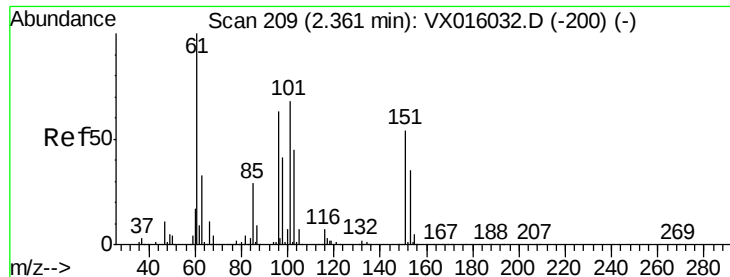


#8

Diethyl Ether
Concen: 16.772 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion: 74 Resp: 33323
Ion Ratio Lower Upper
74 100
45 89.8 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.007 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

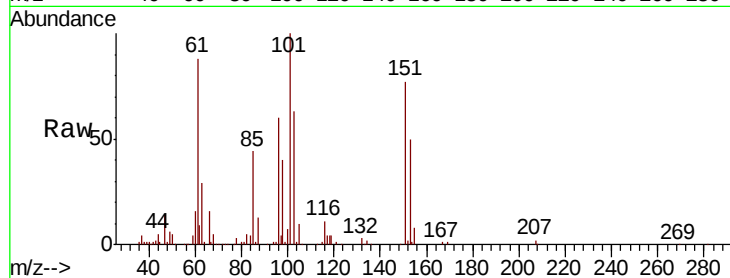
Tot Ion:101 Resp: 46270

Ion Ratio Lower Upper

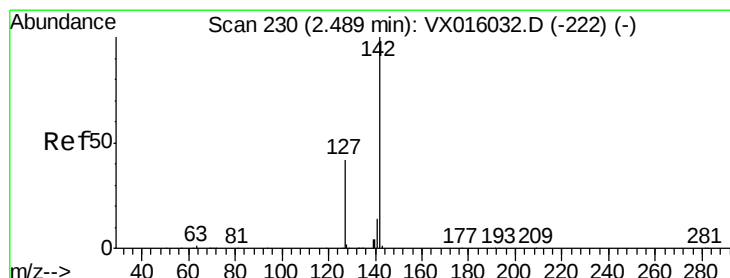
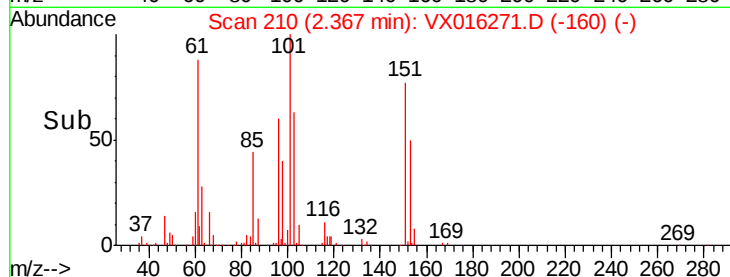
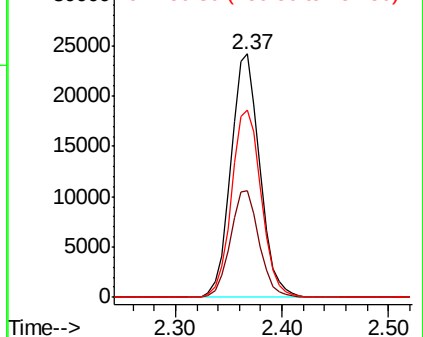
101 100

85 43.6 34.2 51.4

151 78.9 62.1 93.1



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: 12.950 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

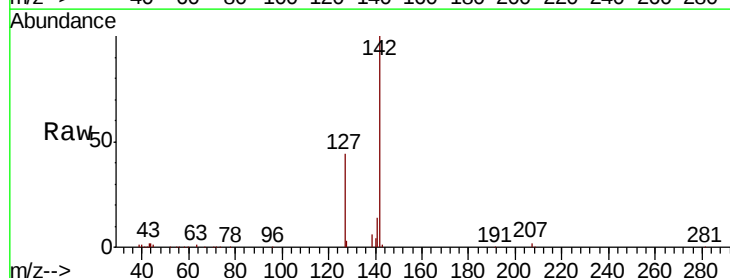
Tgt Ion:142 Resp: 47325

Ion Ratio Lower Upper

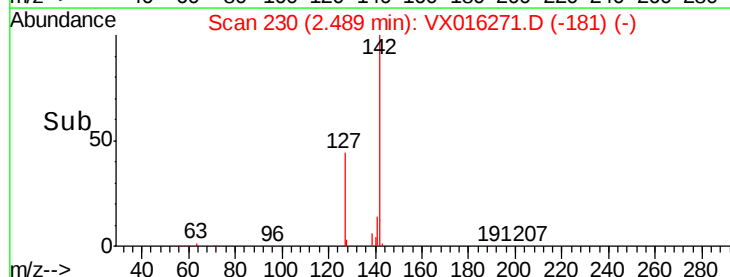
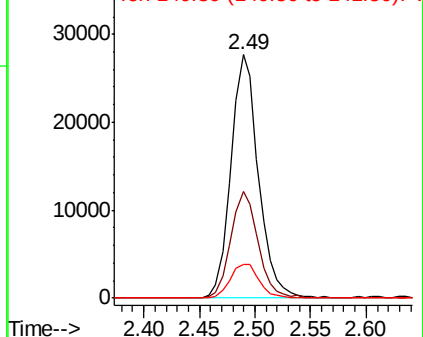
142 100

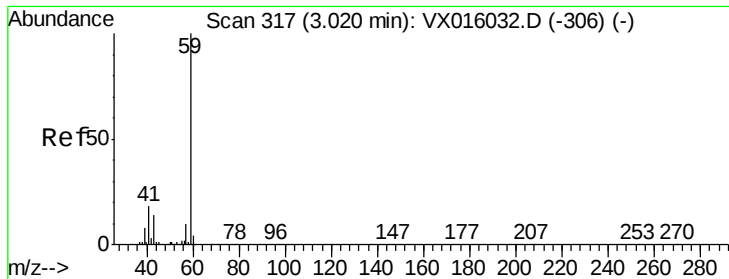
127 43.5 34.6 52.0

141 14.7 11.3 16.9



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



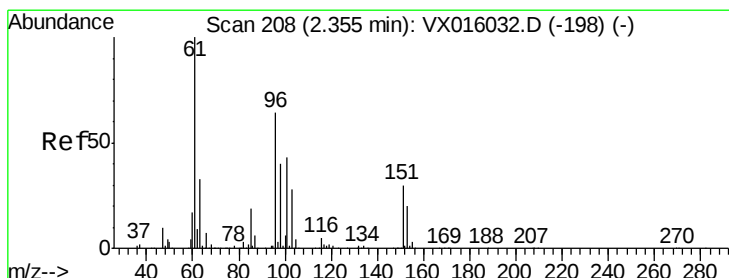
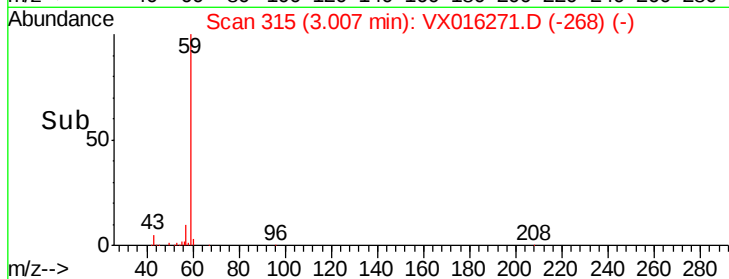
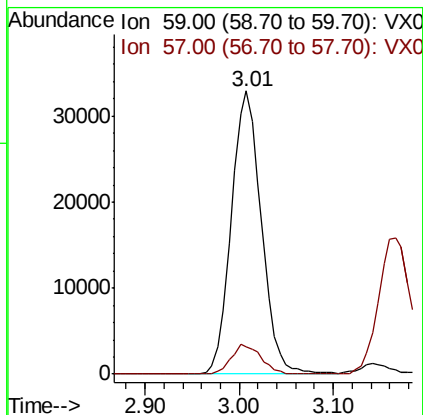
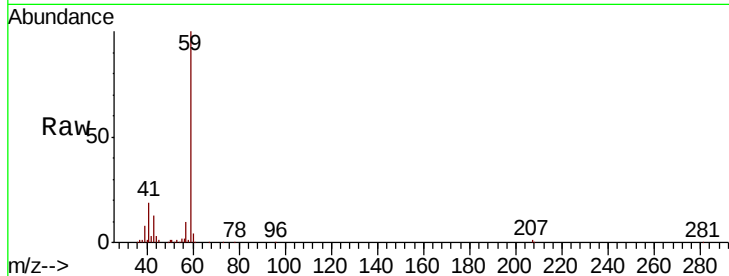


#11

Tert butyl alcohol
 Concen: 80.201 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :

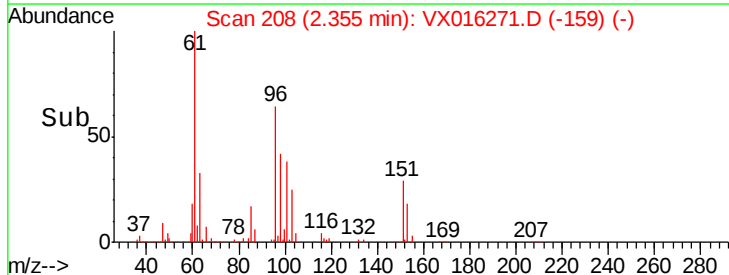
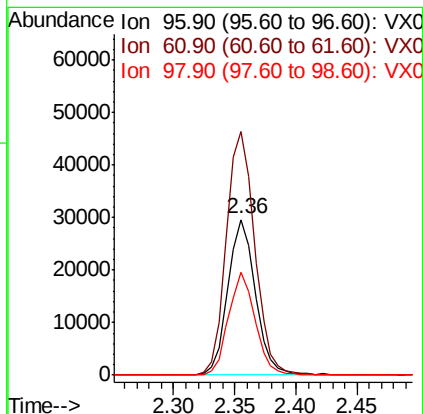
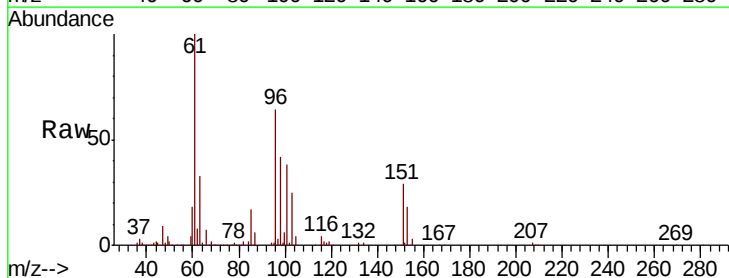
Tot Ion: 59 Resp: 73091
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 16.084 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Tgt Ion: 96 Resp: 45790
 Ion Ratio Lower Upper
 96 100
 61 156.9 124.8 187.2
 98 66.1 49.7 74.5





#13

Acrolein

Concen: 64.167 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

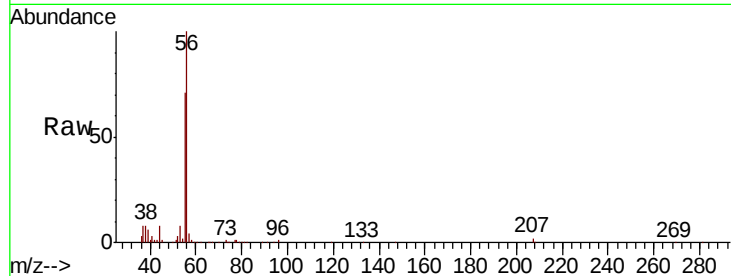
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 36594

Ion Ratio Lower Upper

56 100

55 72.0 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

25000

20000

15000

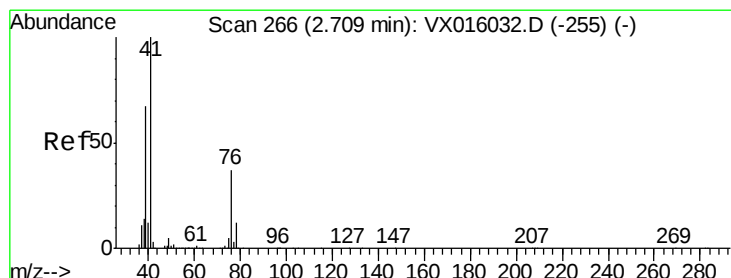
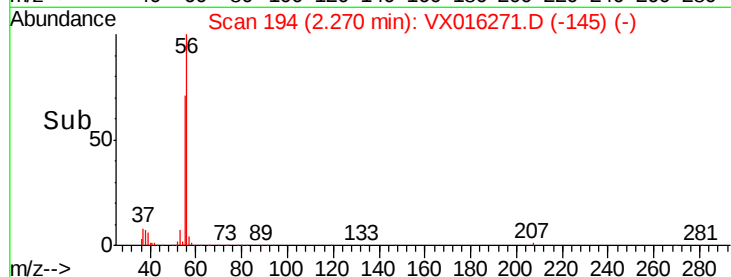
10000

5000

0

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 16.171 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

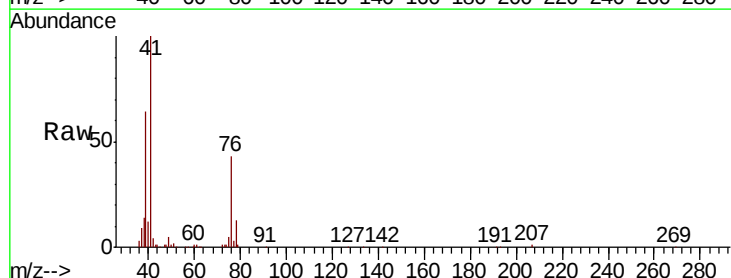
Tgt Ion: 41 Resp: 84416

Ion Ratio Lower Upper

41 100

39 58.7 50.5 75.7

76 35.2 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

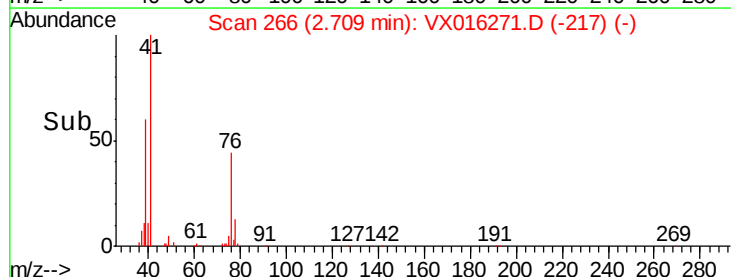
40000

20000

0

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 83.522 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

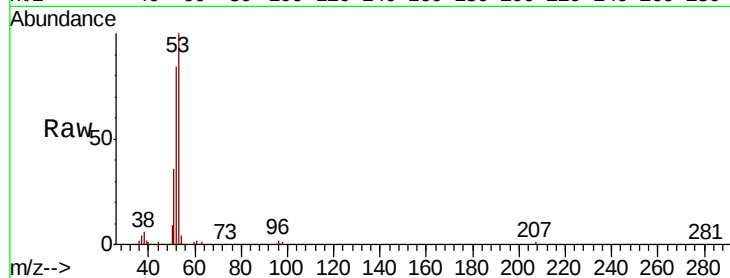
Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 157906

Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.1	99.1
51	35.9	28.8	43.2

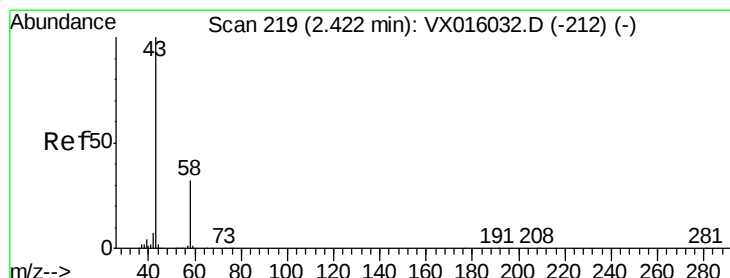
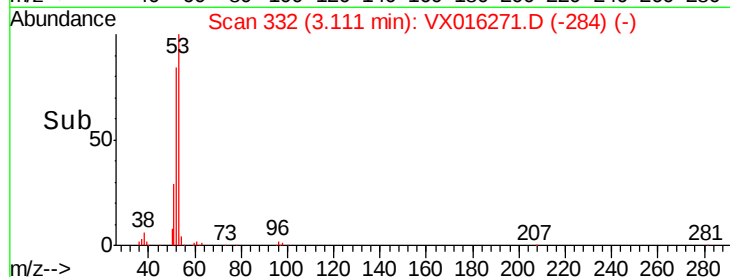
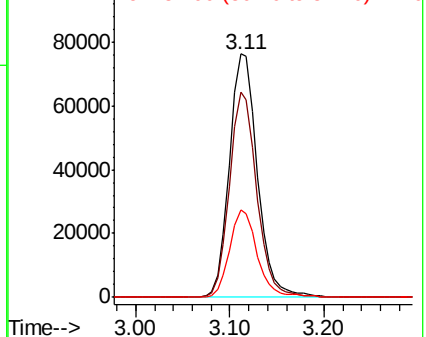


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 74.613 ug/l

RT: 2.42 min Scan# 218

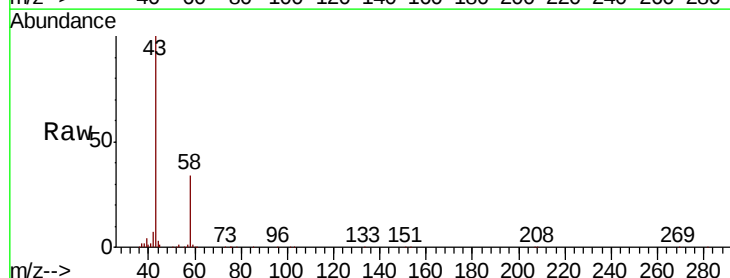
Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion: 43 Resp: 119982

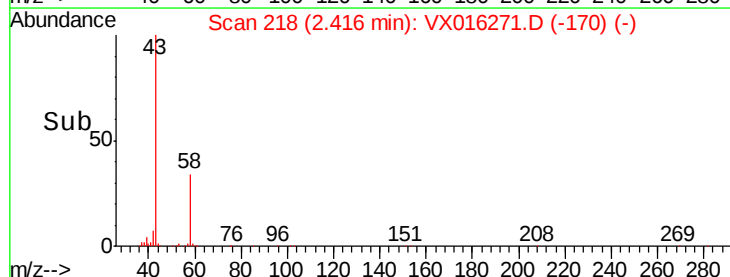
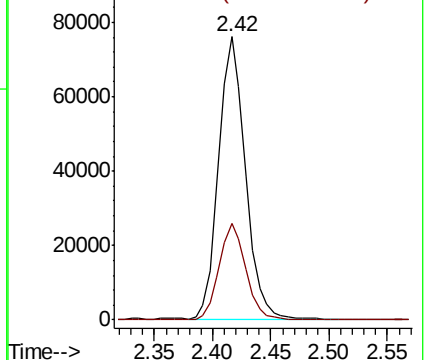
Ion	Ratio	Lower	Upper
43	100		
58	33.9	25.4	38.0

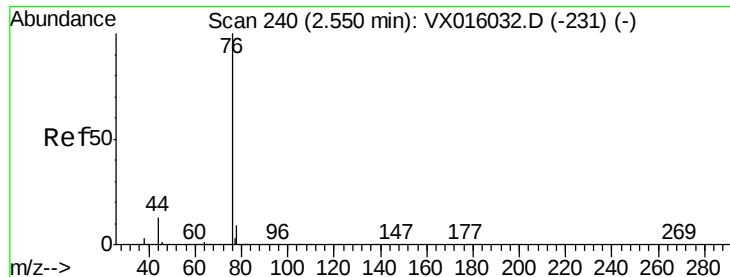


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.476 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

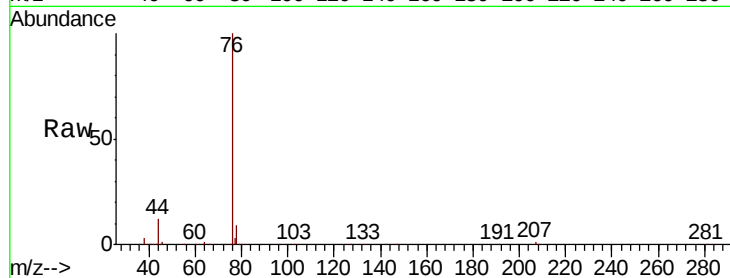
ClientSampleId :

Tot Ion: 76 Resp: 133536

Ion Ratio Lower Upper

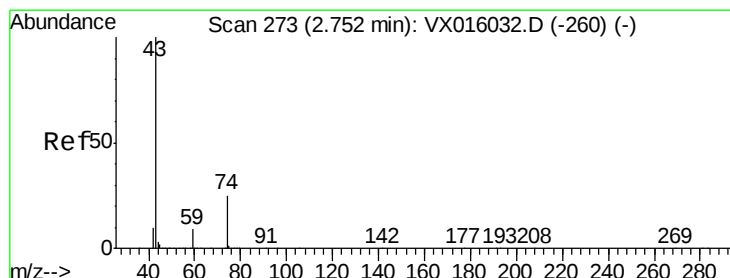
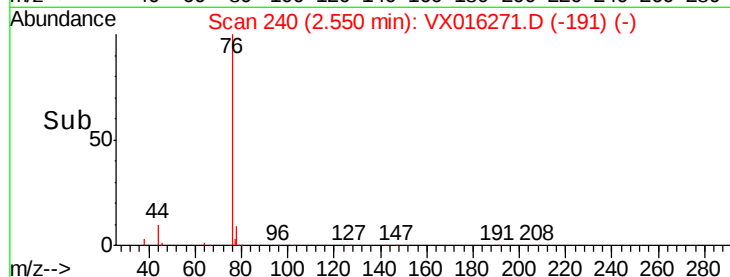
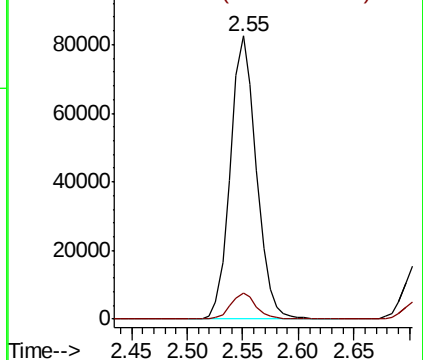
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.704 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016271.D

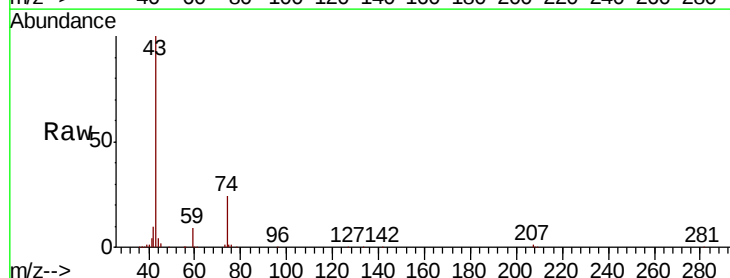
Acq: 15 May 2020 11:38

Tgt Ion: 43 Resp: 70000

Ion Ratio Lower Upper

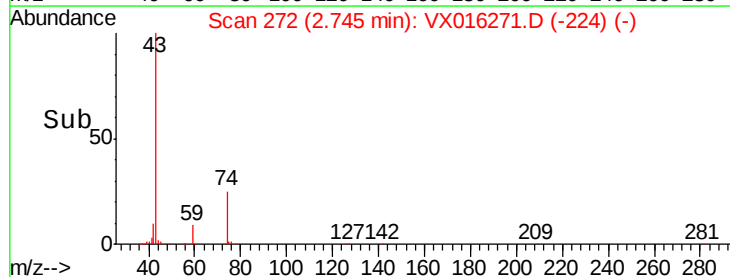
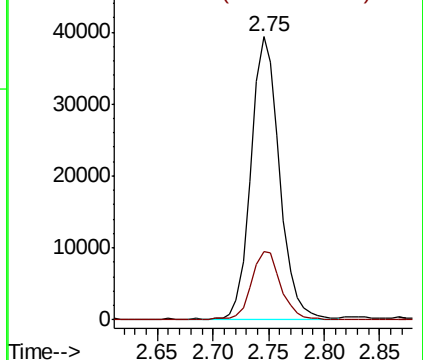
43 100

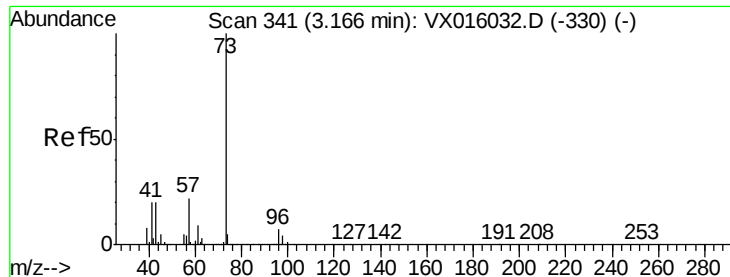
74 25.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



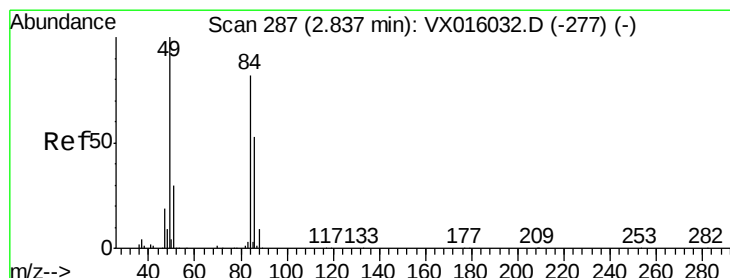
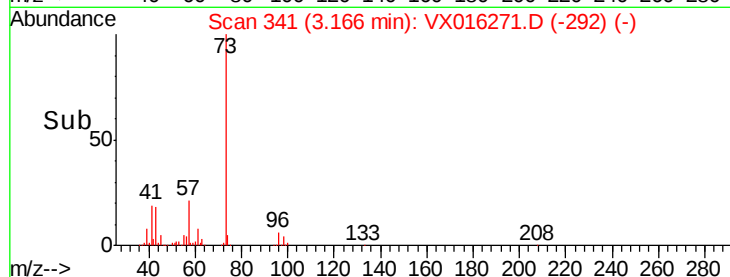
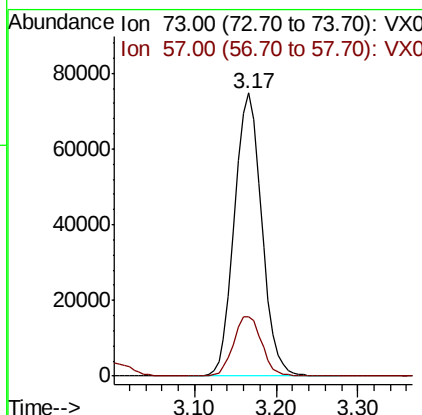
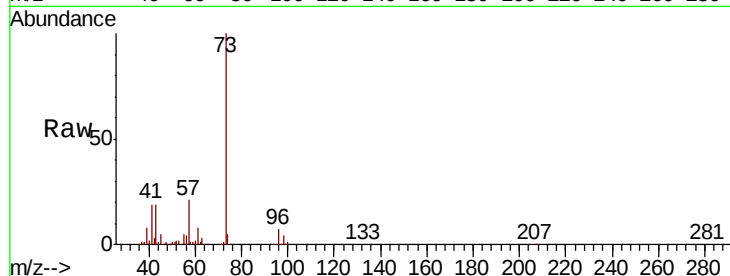


#19

Methyl tert-butyl Ether
 Concen: 17.649 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :

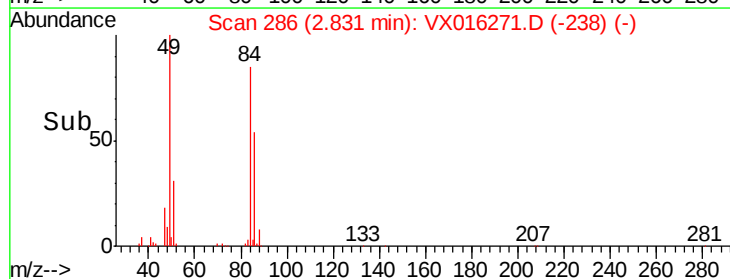
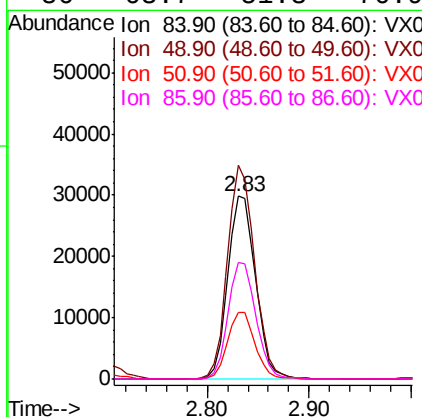
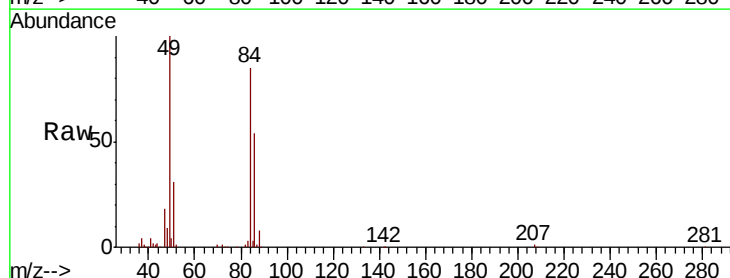
Tot Ion: 73 Resp: 173217
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.8 26.6



#20

Methylene Chloride
 Concen: 16.874 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Tgt Ion: 84 Resp: 55938
 Ion Ratio Lower Upper
 84 100
 49 117.0 97.3 145.9
 51 36.6 29.3 43.9
 86 63.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 16.414 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampled :

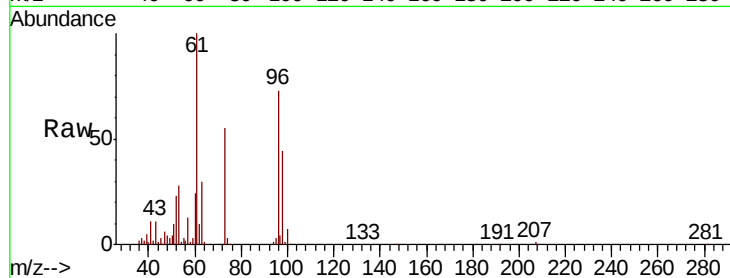
Tot Ion: 96 Resp: 52076

Ion Ratio Lower Upper

96 100

61 137.2 111.2 166.8

98 59.8 50.2 75.4

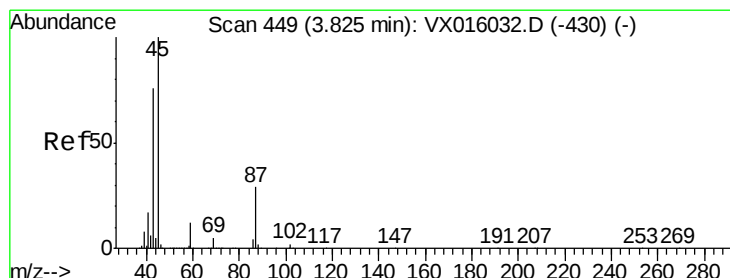
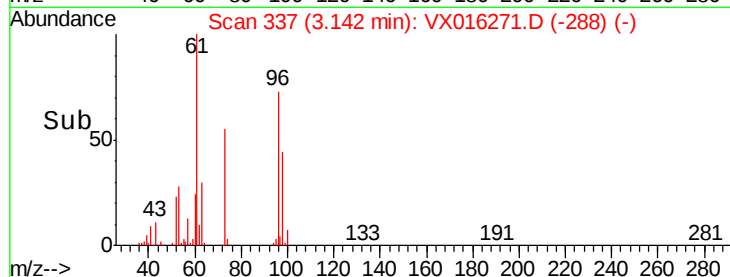
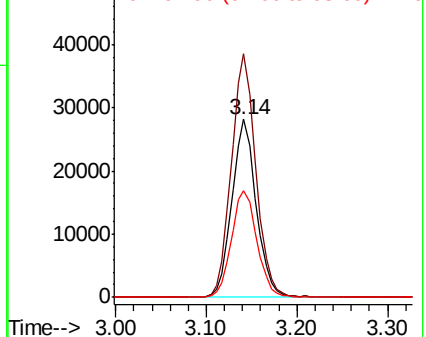


Abundance

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



#22

Diisopropyl ether

Concen: 17.184 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion: 45 Resp: 169228

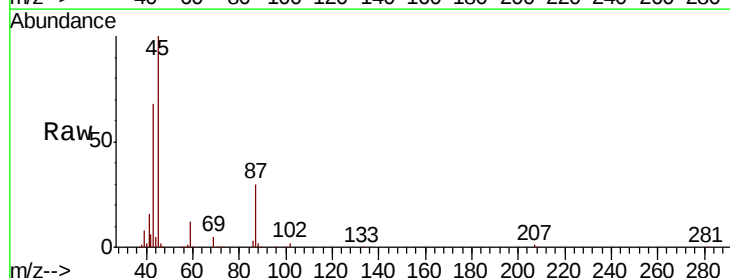
Ion Ratio Lower Upper

45 100

43 67.4 61.1 91.7

87 29.9 23.0 34.6

59 12.2 9.8 14.6



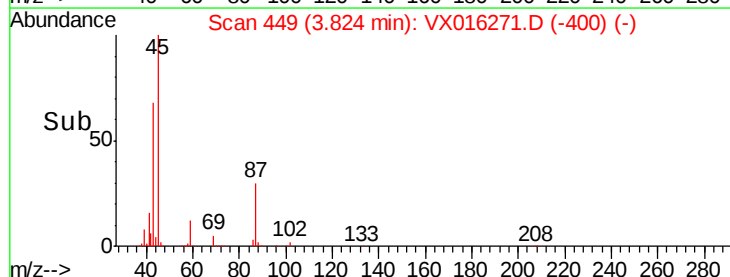
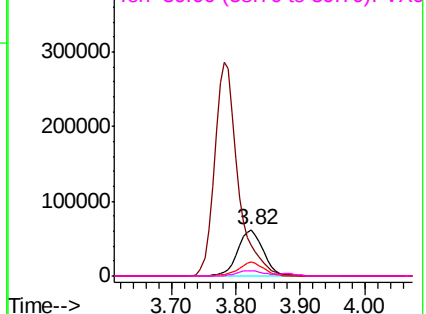
Abundance

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: 84.132 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

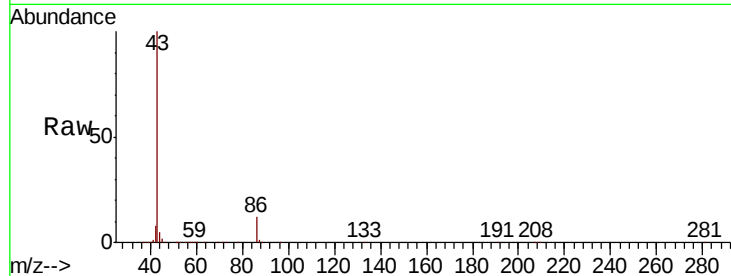
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 728930

Ion Ratio Lower Upper

43 100

86 11.7 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

300000

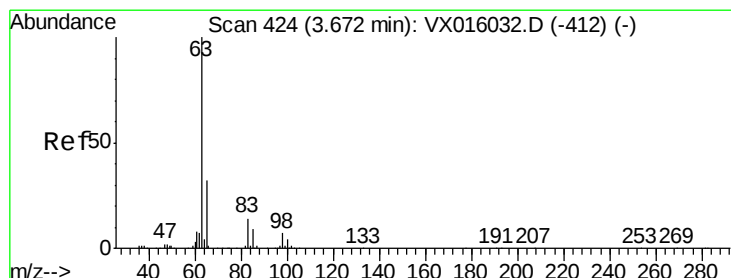
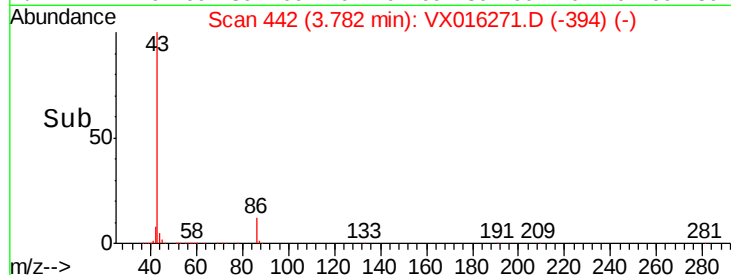
200000

100000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.285 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

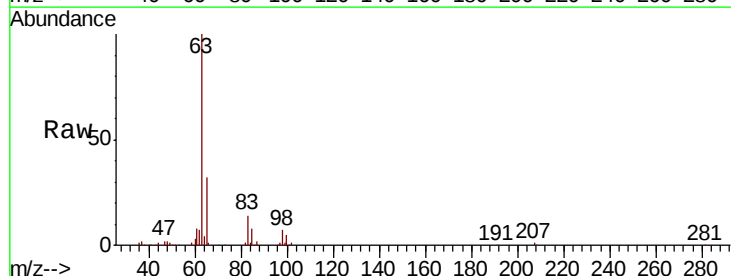
Tgt Ion: 63 Resp: 95220

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.8 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

30000

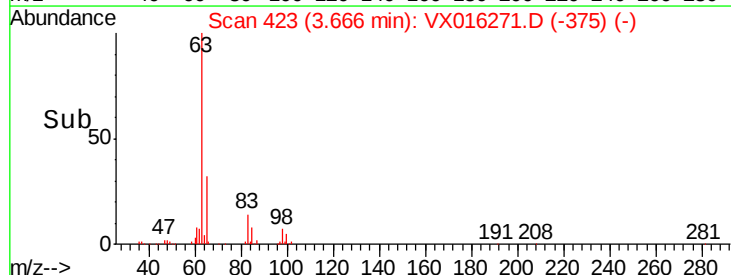
20000

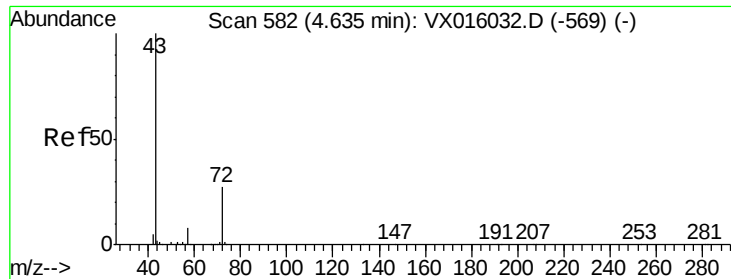
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 83.016 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

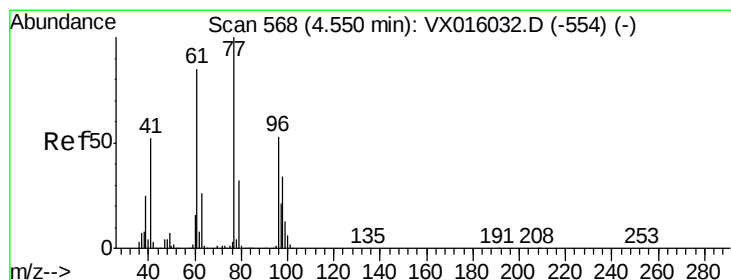
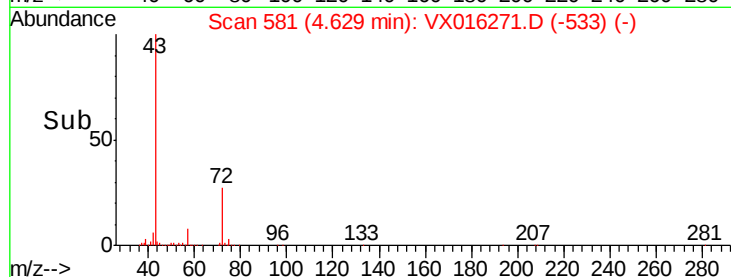
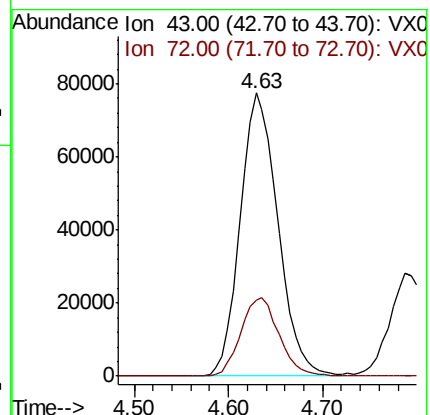
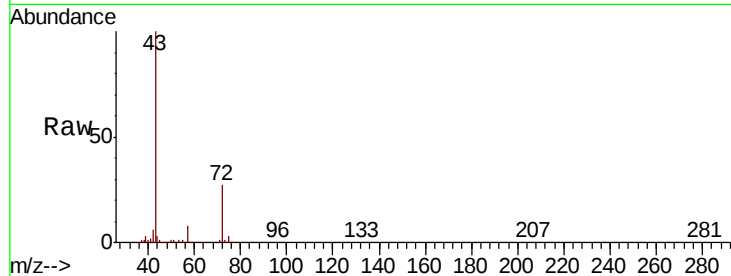
ClientSampleId :

Tot Ion: 43 Resp: 215112

Ion Ratio Lower Upper

43 100

72 26.5 21.8 32.8



#26

2,2-Dichloropropane

Concen: 17.226 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016271.D

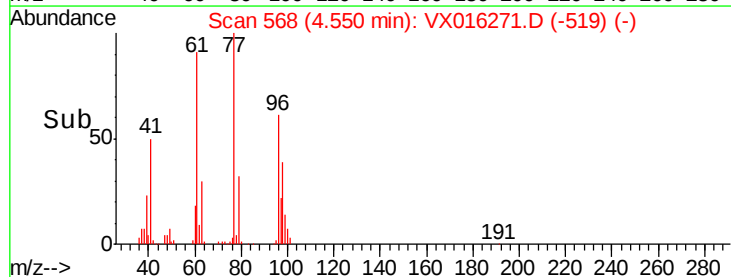
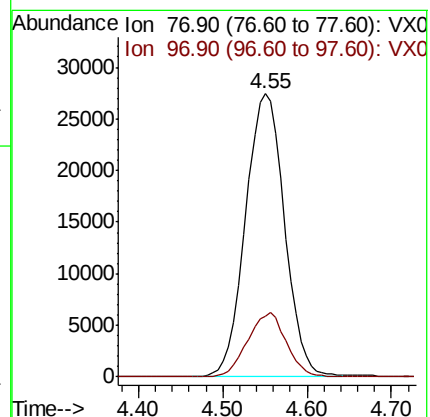
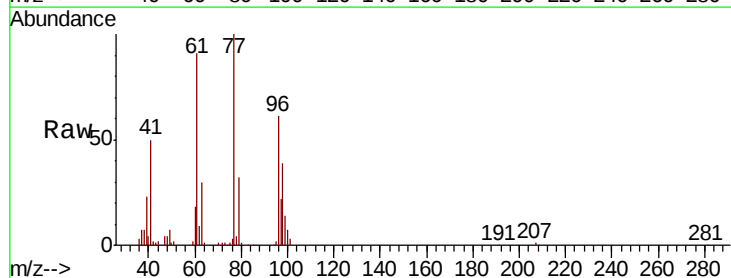
Acq: 15 May 2020 11:38

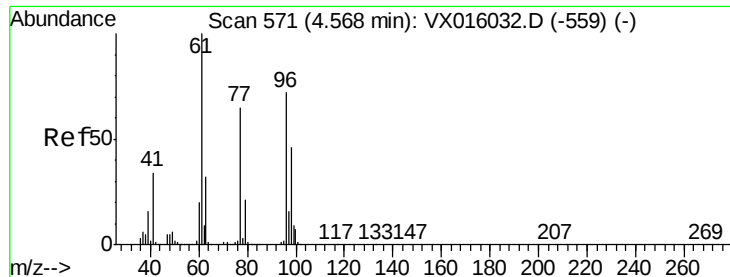
Tgt Ion: 77 Resp: 86664

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6



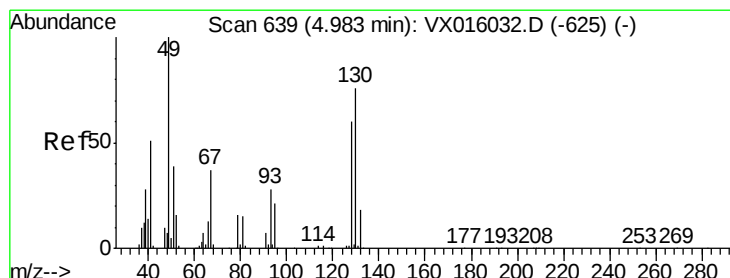
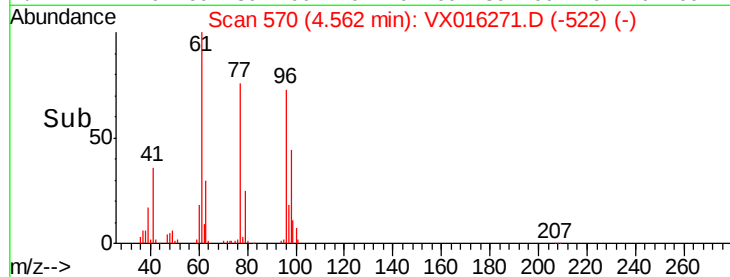
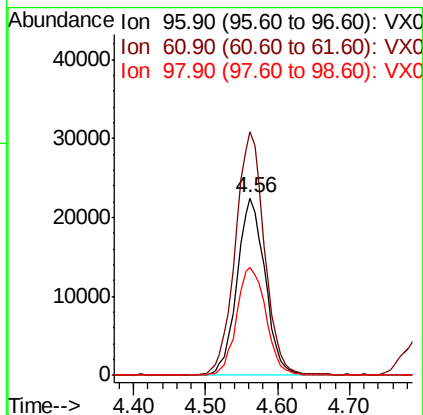
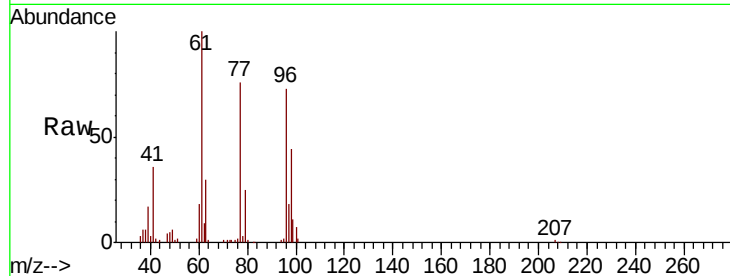


#27

cis-1,2-Dichloroethene
Concen: 17.596 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

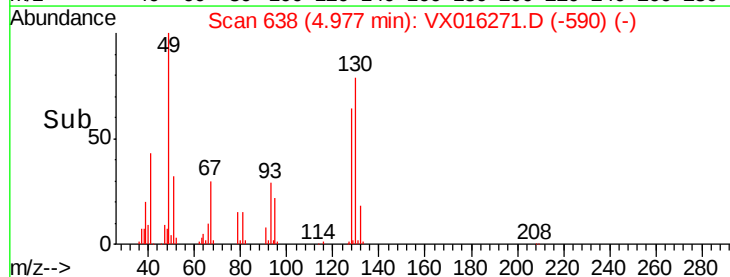
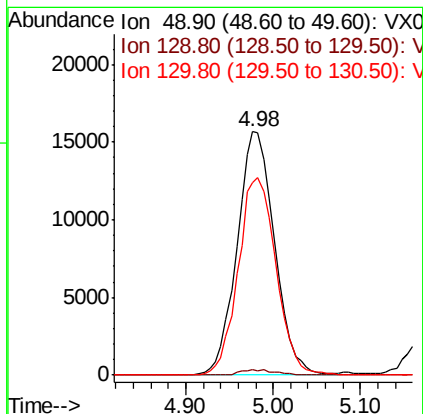
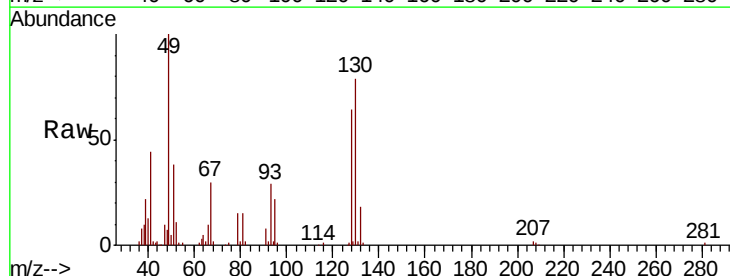
Tot Ion	96	Resp	61031
Ion Ratio	Lower	Upper	
96	100		
61	141.8	0.0	296.2
98	63.2	0.0	129.4

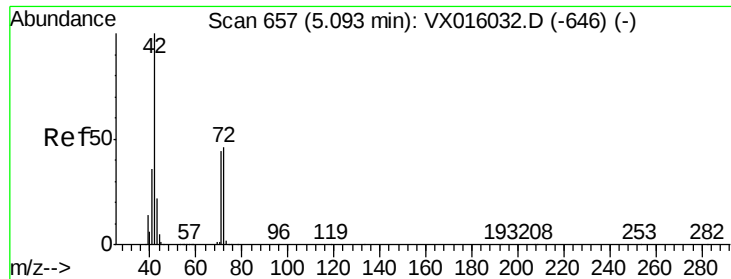


#28

Bromochloromethane
Concen: 18.580 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	49	Resp	46674
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.0
130	82.0	62.4	93.6

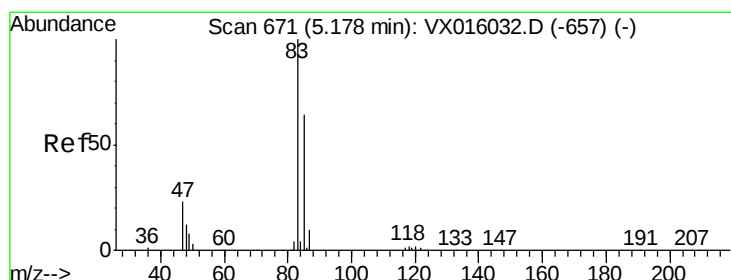
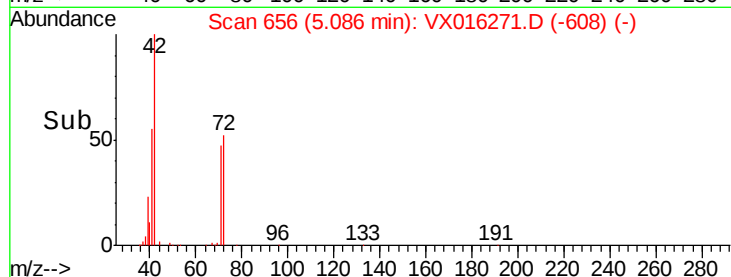
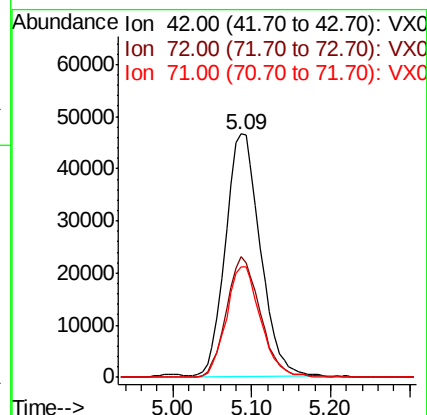
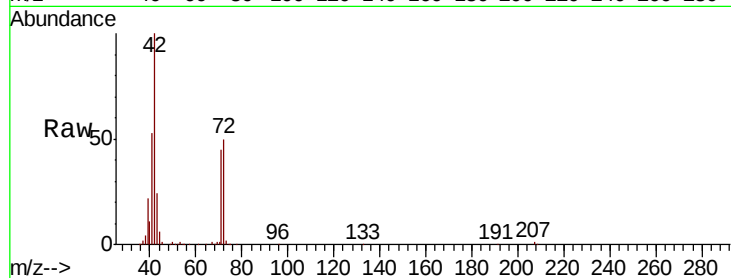




#29
Tetrahydrofuran
Concen: 83.601 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

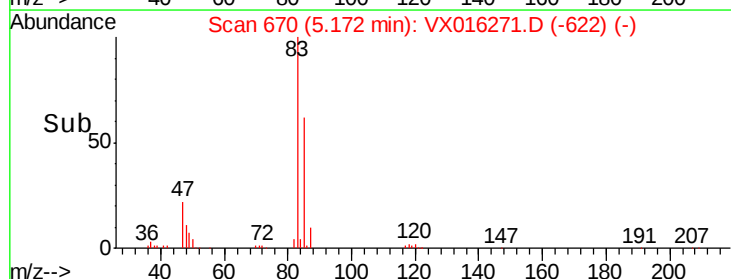
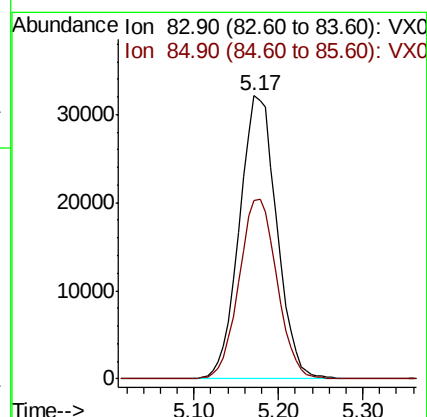
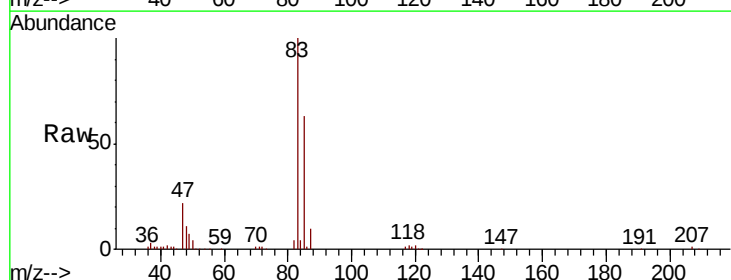
Instrument :
MSVOA_X
ClientSampled :

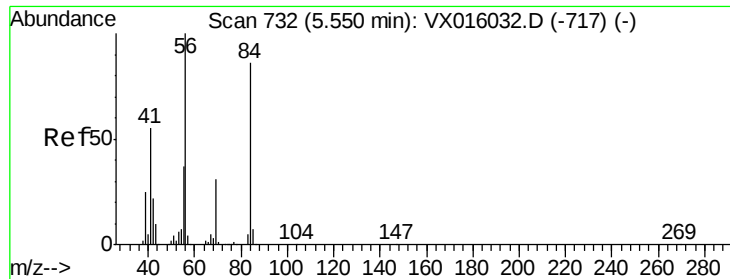
Tot Ion: 42 Resp: 143538
Ion Ratio Lower Upper
42 100
72 48.5 37.1 55.7
71 44.9 34.5 51.7



#30
Chloroform
Concen: 17.573 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion: 83 Resp: 96387
Ion Ratio Lower Upper
83 100
85 63.1 51.6 77.4

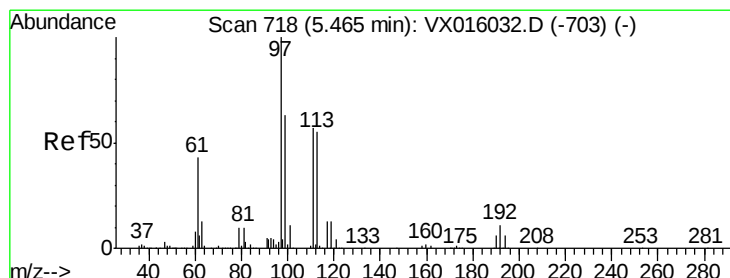
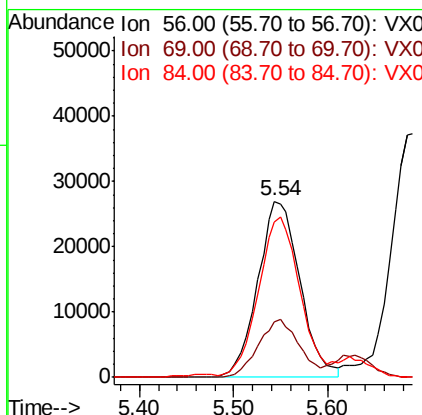
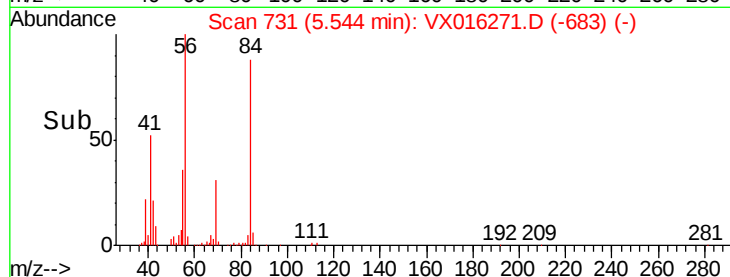
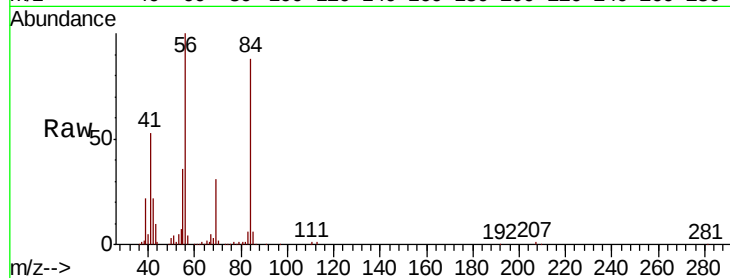




#31
Cyclohexane
Concen: 16.864 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

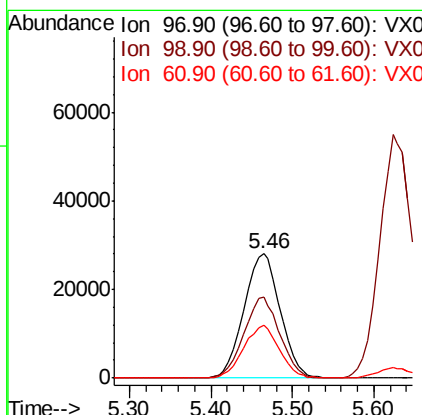
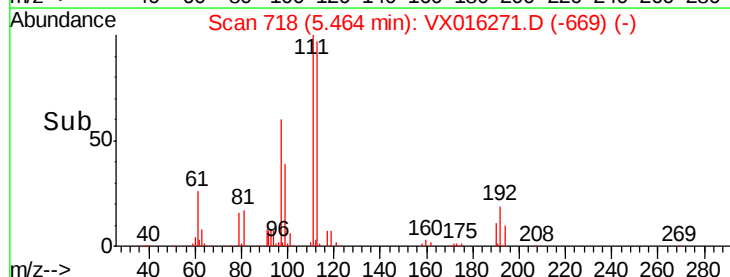
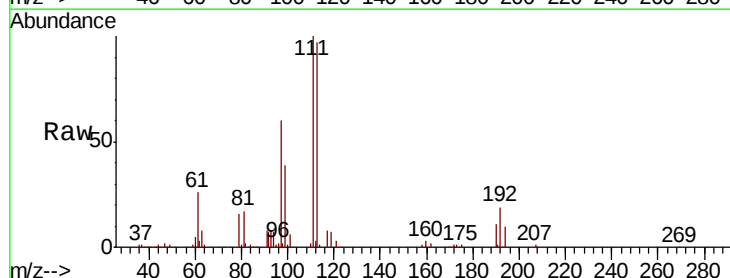
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 84432
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.6
84 86.7 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 17.488 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion: 97 Resp: 87193
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 41.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.465 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

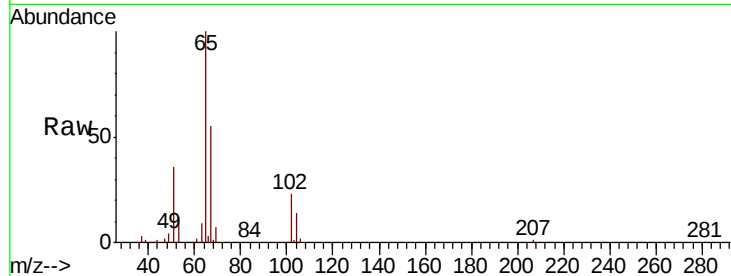
ClientSampleId :

Tot Ion: 65 Resp: 160251

Ion Ratio Lower Upper

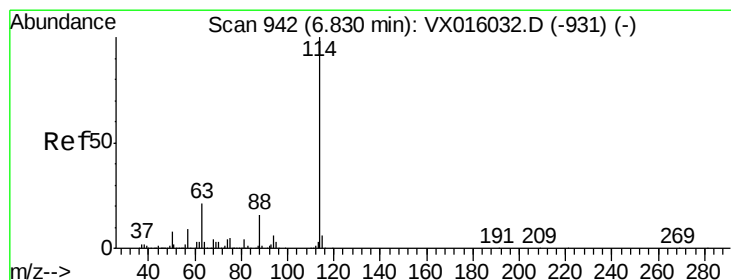
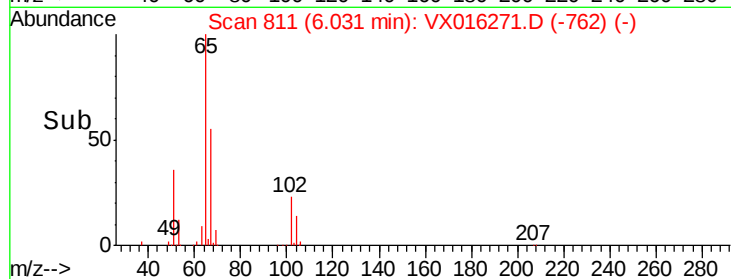
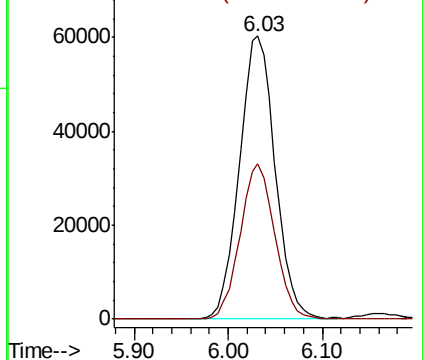
65 100

67 53.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

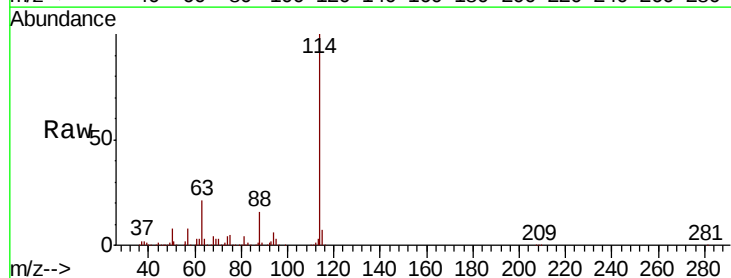
Tgt Ion: 114 Resp: 432266

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

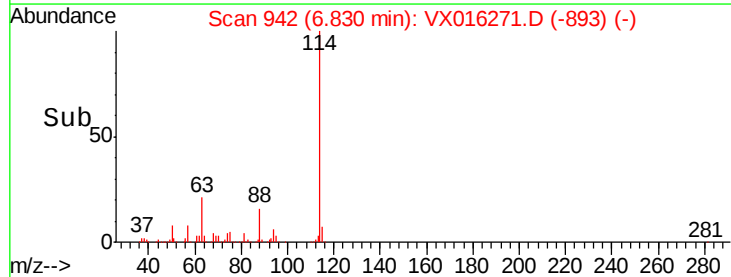
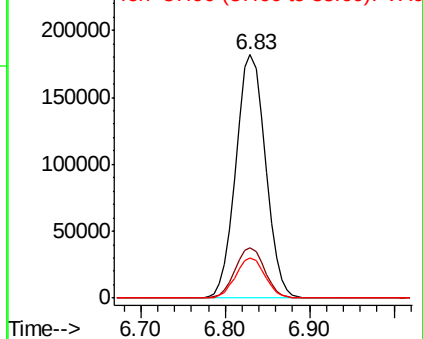
88 16.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

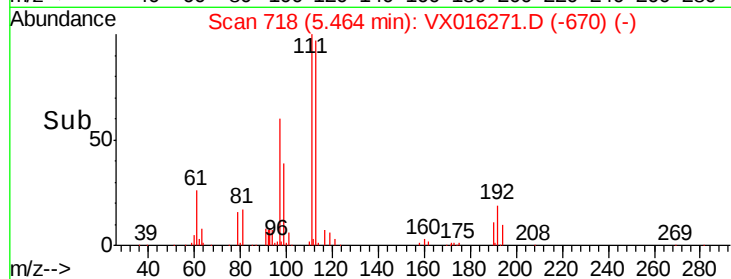
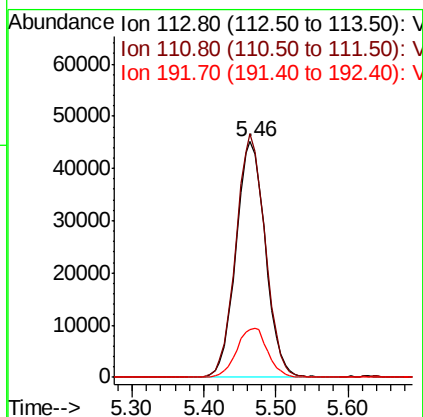
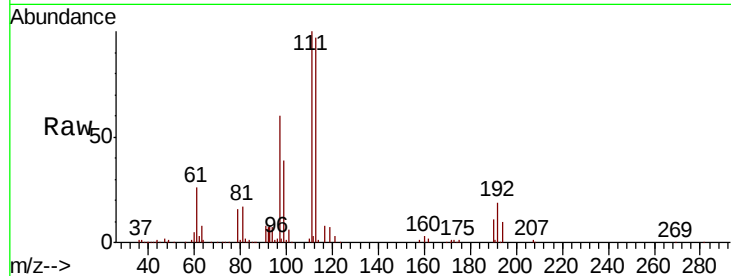




#35
 Dibromofluoromethane
 Concen: 46.725 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

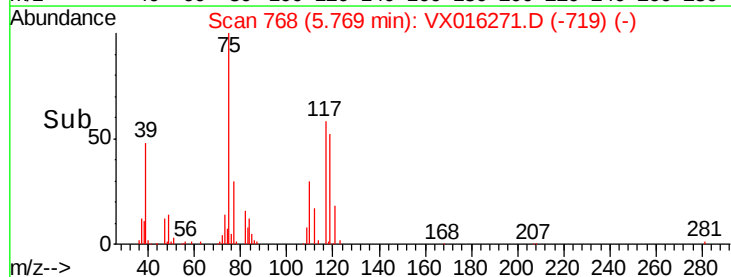
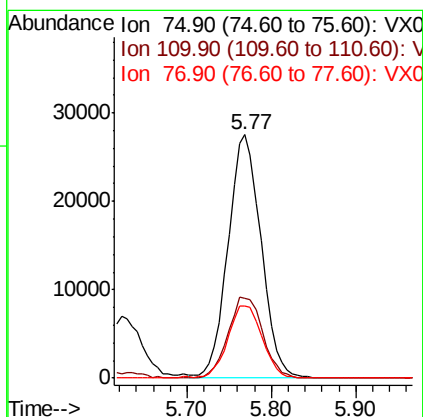
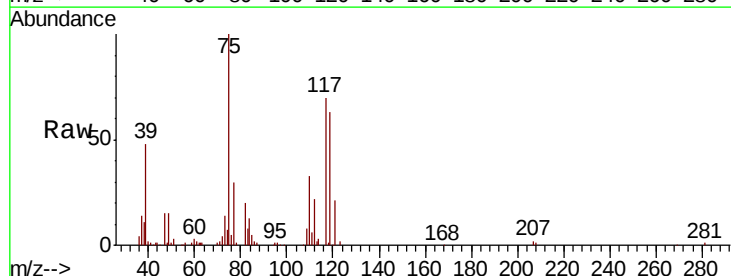
Instrument :
 MSVOA_X
 ClientSampleId :

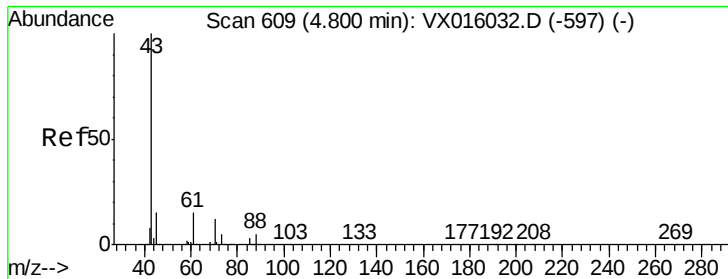
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	21.7	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 17.256 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	18.1	54.1
77	30.8	25.0	37.6

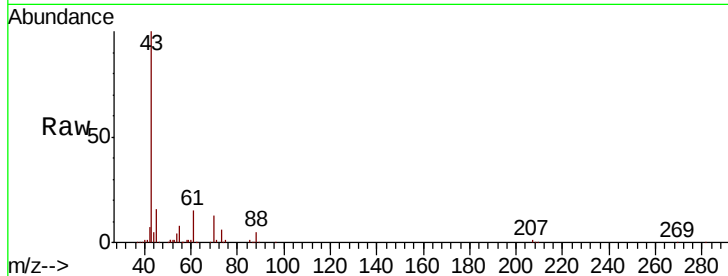




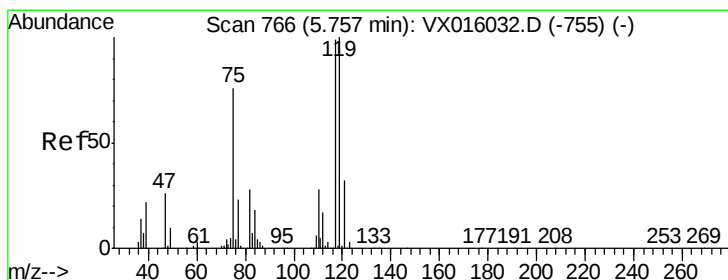
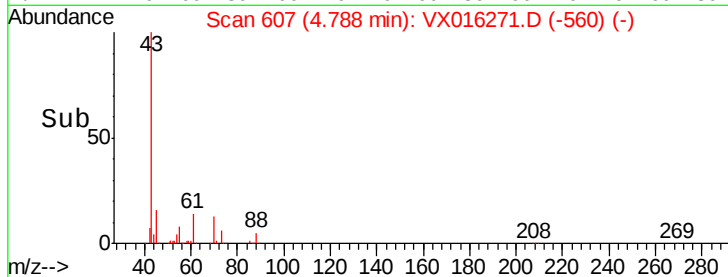
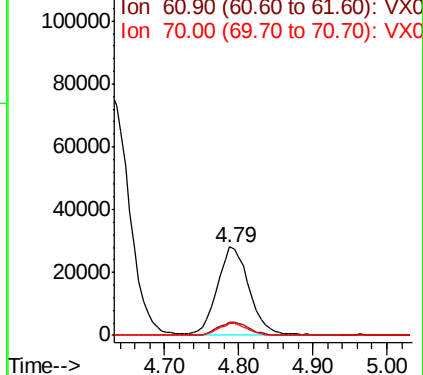
#37
Ethyl Acetate
Concen: 16.823 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.7	17.5
70	12.7	9.3	13.9

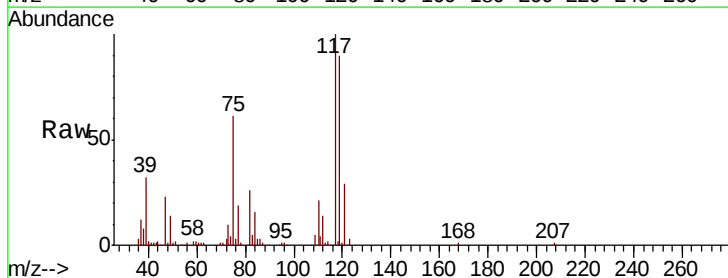


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

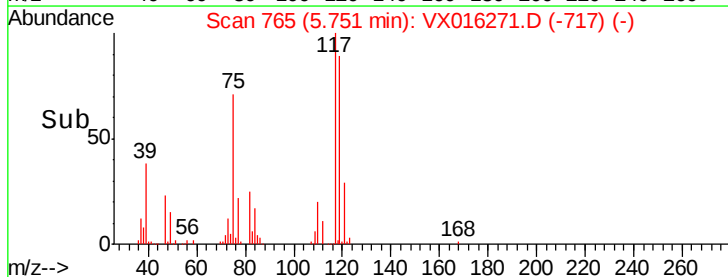
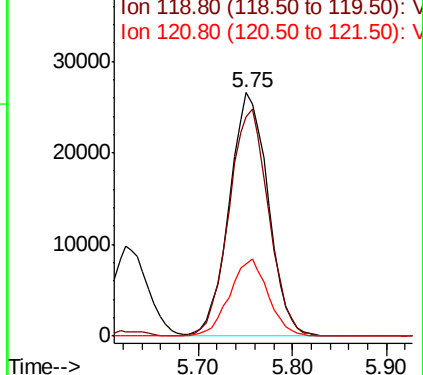


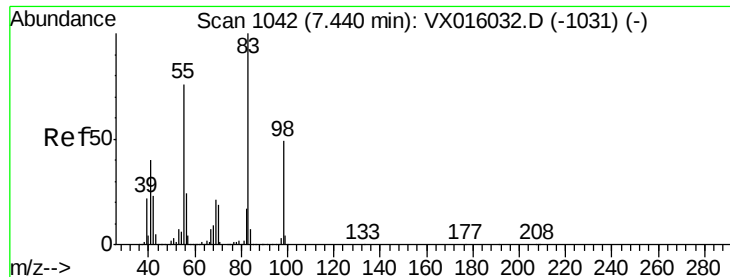
#38
Carbon Tetrachloride
Concen: 17.684 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.2	80.3	120.5
121	29.5	25.7	38.5



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

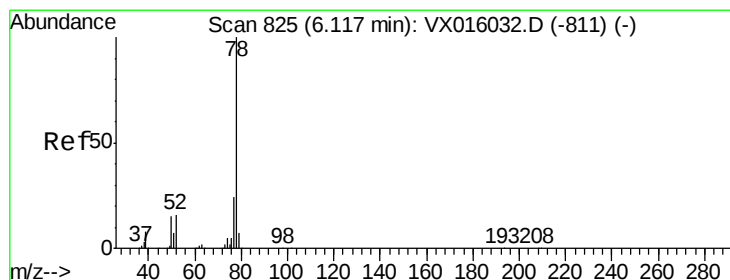
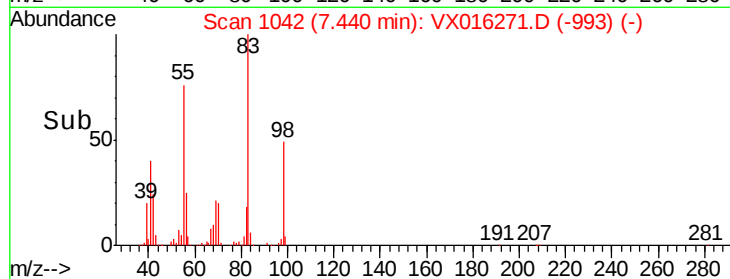
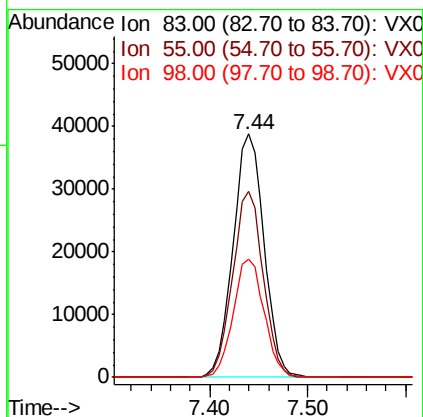
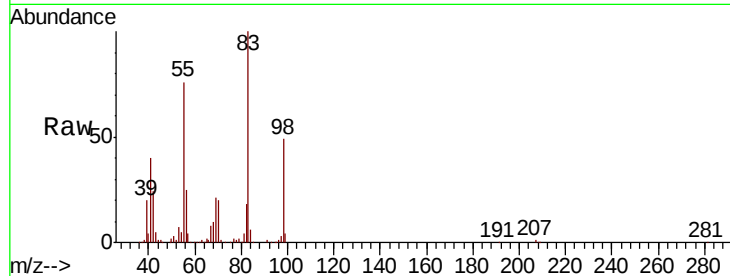




#39
Methvlcvclohexane
Concen: 16.640 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

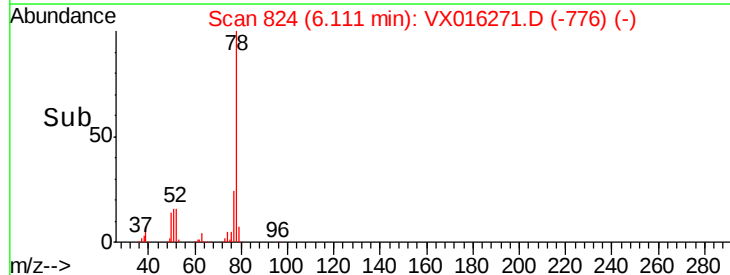
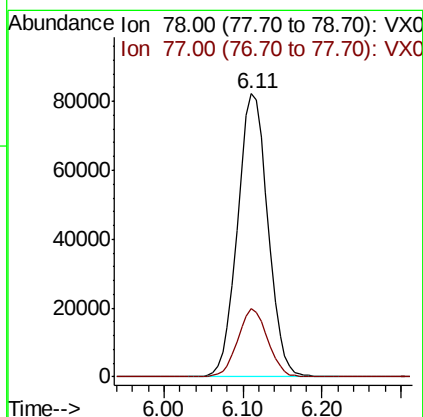
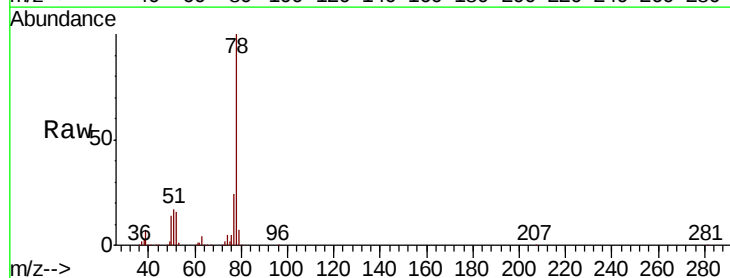
Instrument :
MSVOA_X
ClientSampleId :

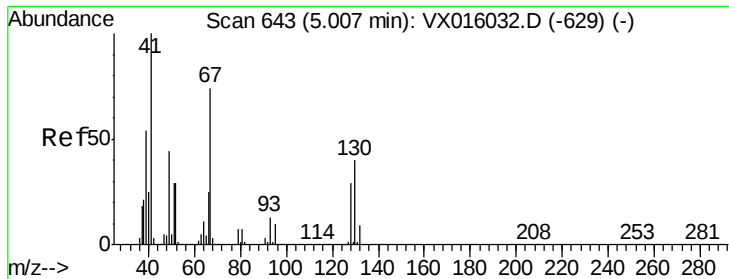
Tot Ion: 83 Resp: 85268
Ion Ratio Lower Upper
83 100
55 76.0 61.1 91.7
98 48.8 39.0 58.4



#40
Benzene
Concen: 17.680 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion: 78 Resp: 220112
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

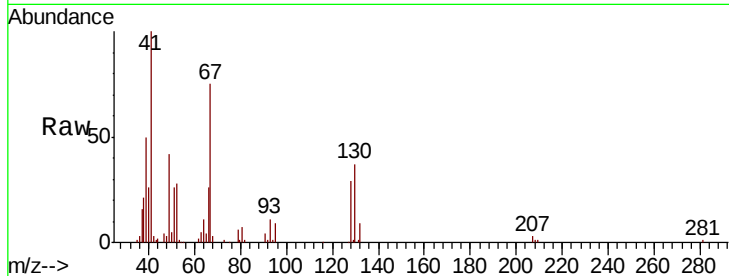




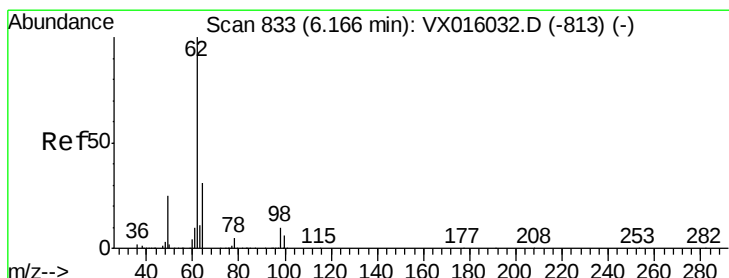
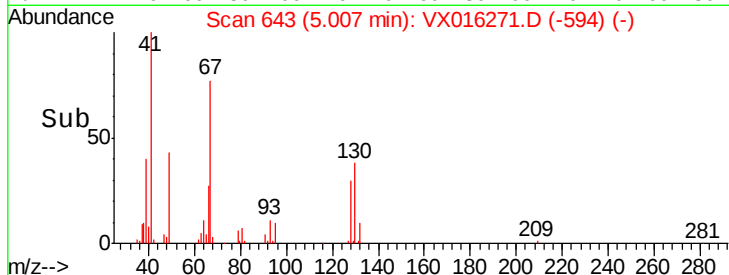
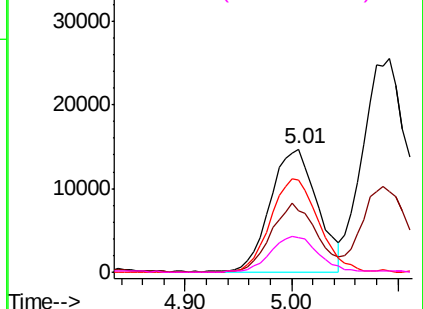
#41
Methacrylonitrile
Concen: 16.783 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	44700
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.2	64.8
67	78.2	59.3	88.9
52	30.7	23.5	35.3

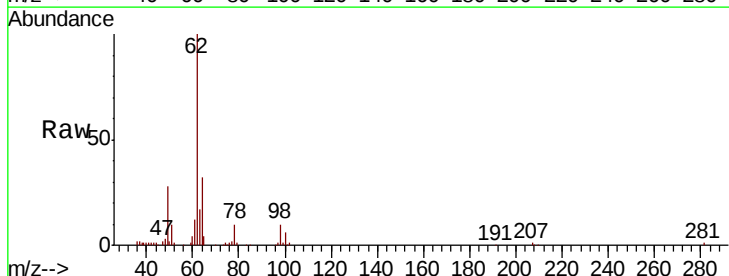


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

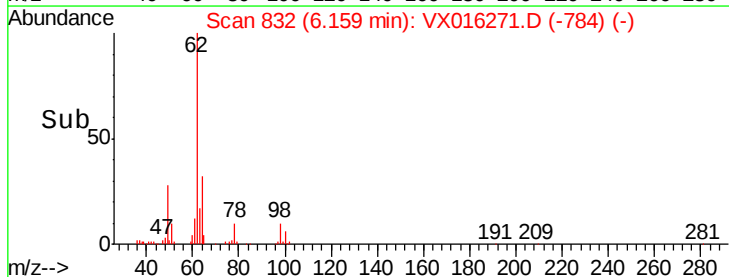
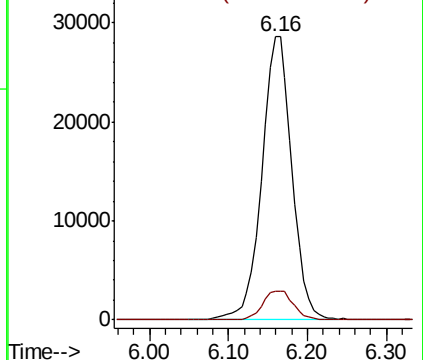


#42
1,2-Dichloroethane
Concen: 16.863 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion:	62	Resp:	75630
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.4



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



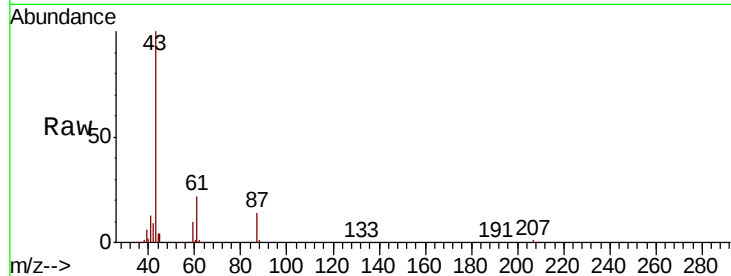


#43

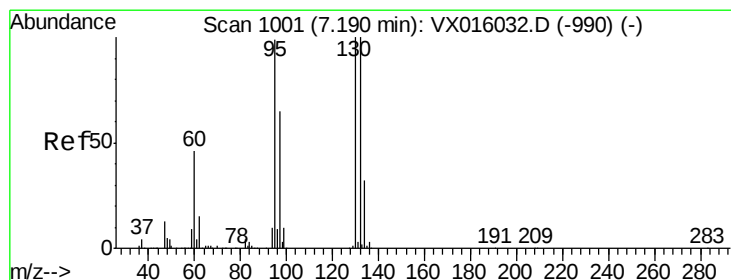
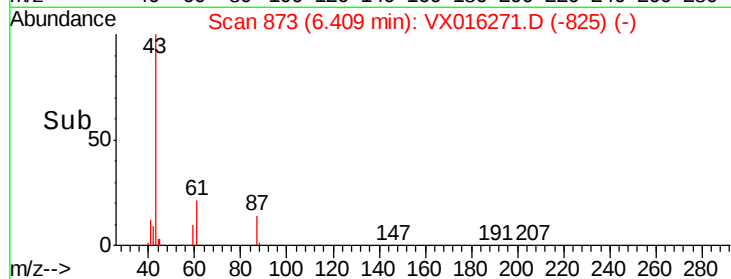
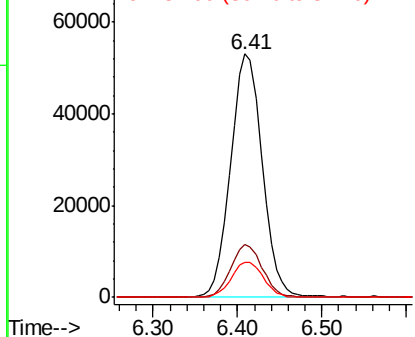
Isopropyl Acetate
 Concen: 17.065 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	134282
Ion Ratio	Lower	Upper	
43	100		
61	21.9	17.0	25.4
87	14.6	11.0	16.6



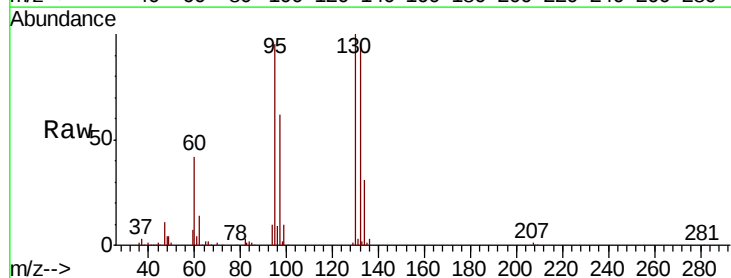
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



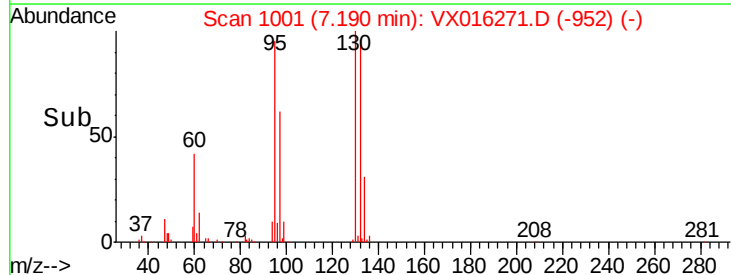
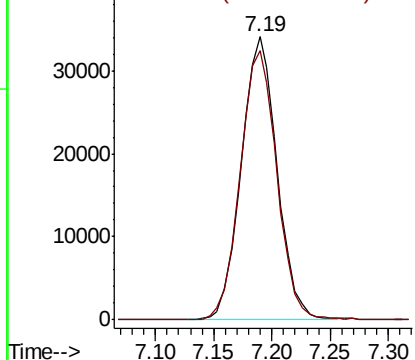
#44

Trichloroethene
 Concen: 16.474 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Tgt Ion	130	Resp	72865
Ion Ratio	Lower	Upper	
130	100		
95	95.0	0.0	197.4



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





#45

1,2-Dichloropropane

Concen: 18.034 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

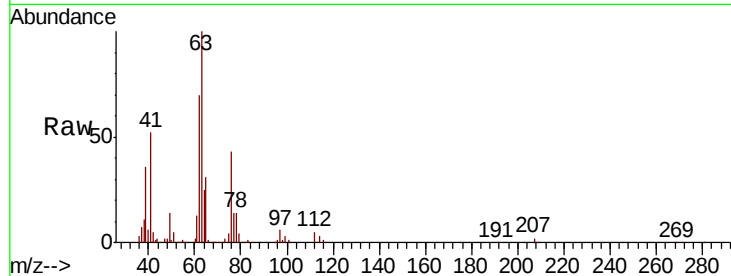
ClientSampleId :

Tot Ion: 63 Resp: 56812

Ion Ratio Lower Upper

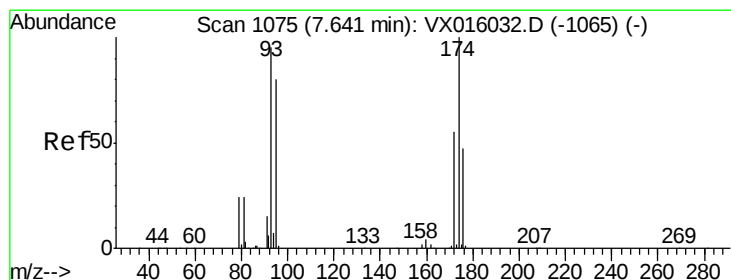
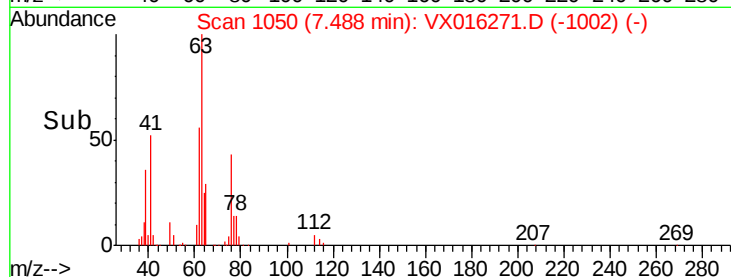
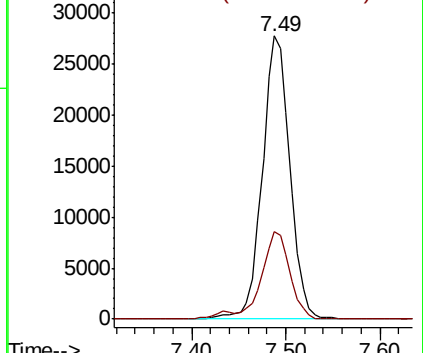
63 100

65 30.8 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.407 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

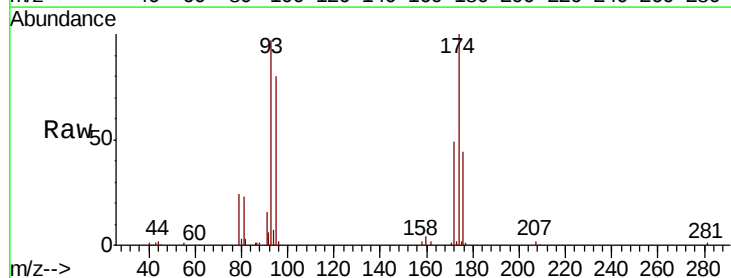
Tgt Ion: 93 Resp: 37265

Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

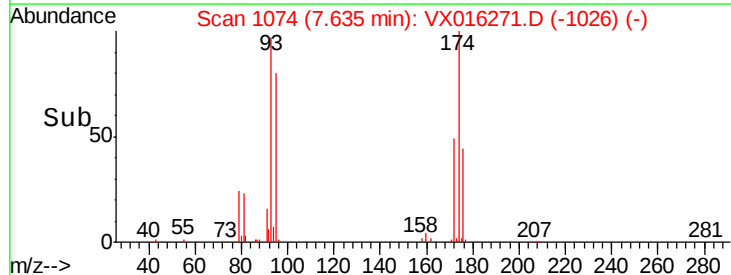
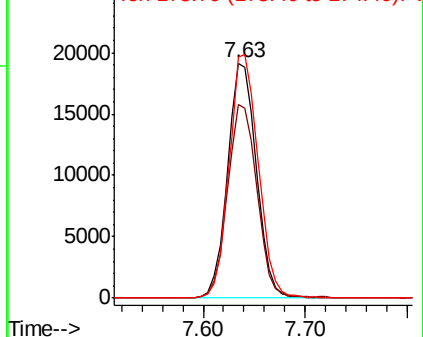
174 105.3 84.2 126.4



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: 17.634 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampled :

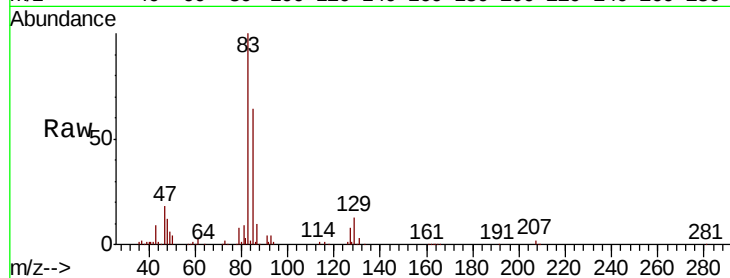
Tot Ion: 83 Resp: 76888

Ion Ratio Lower Upper

83 100

85 63.5 50.5 75.7

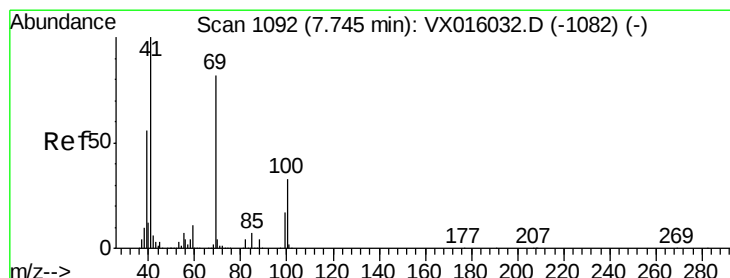
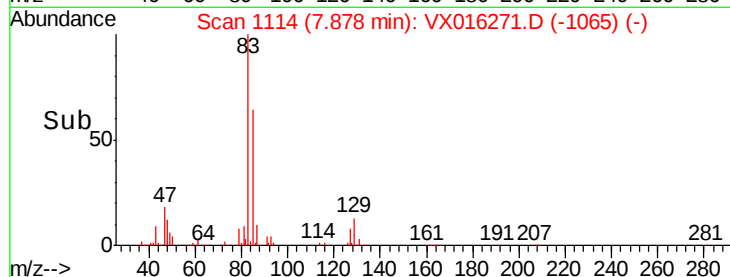
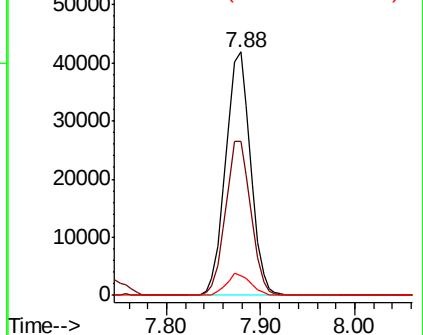
127 8.3 6.7 10.1



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: 16.424 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

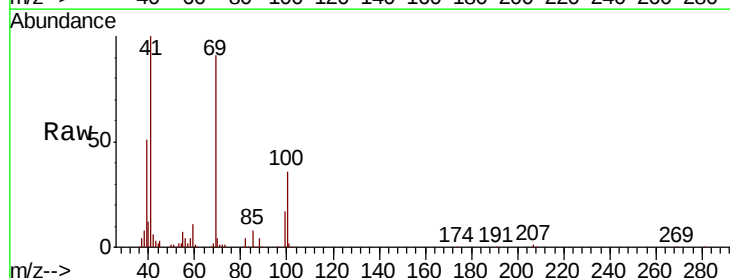
Tgt Ion: 41 Resp: 61237

Ion Ratio Lower Upper

41 100

69 90.4 67.8 101.6

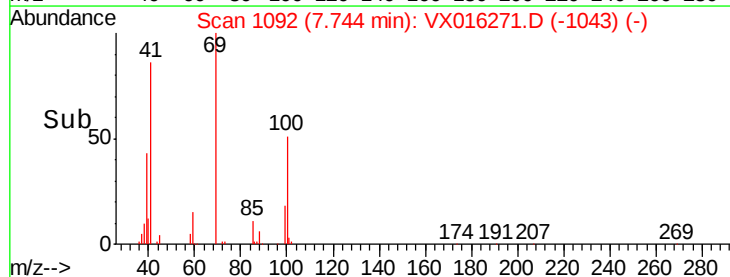
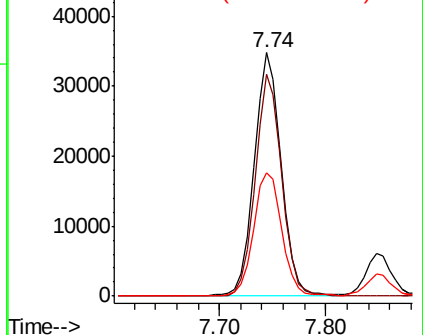
39 54.0 44.6 67.0

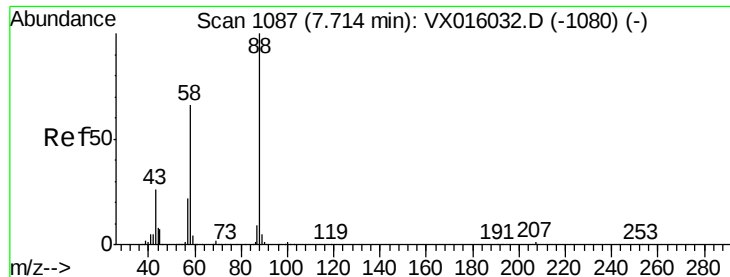


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 330.315 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :

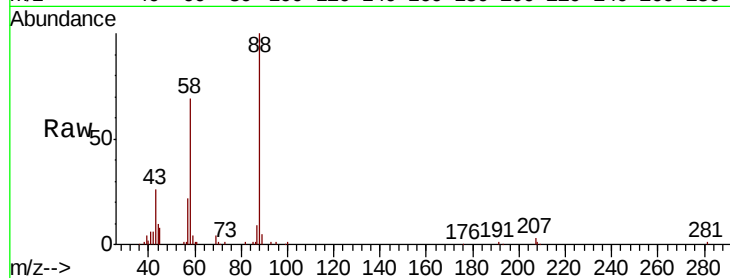
Tot Ion: 88 Resp: 29538

Ion Ratio Lower Upper

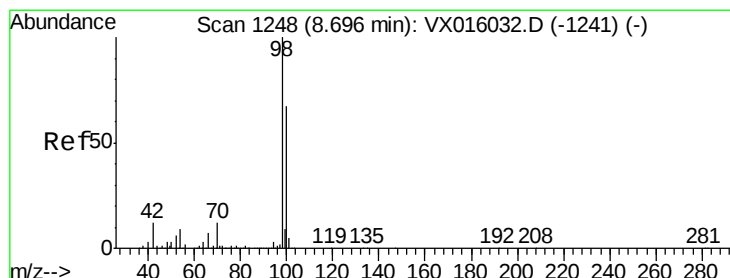
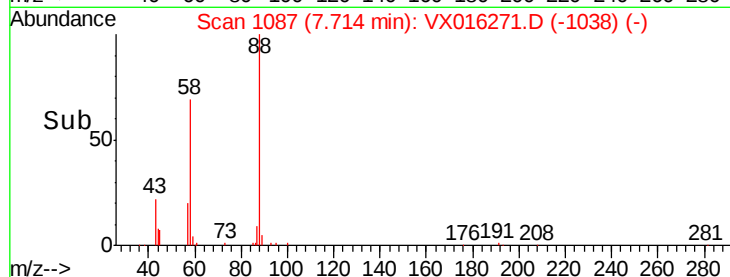
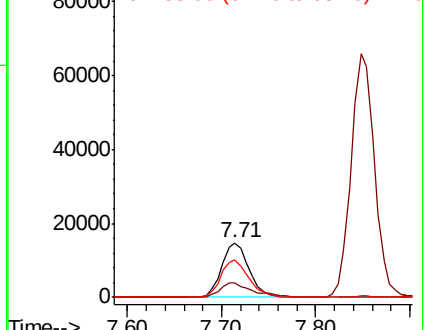
88 100

43 29.4 25.3 37.9

58 70.9 55.9 83.9



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: 48.179 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016271.D

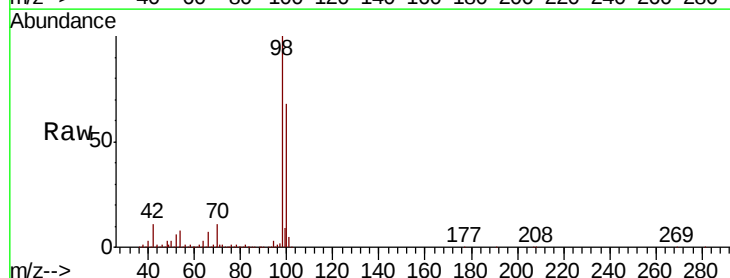
Acq: 15 May 2020 11:38

Tgt Ion: 98 Resp: 508387

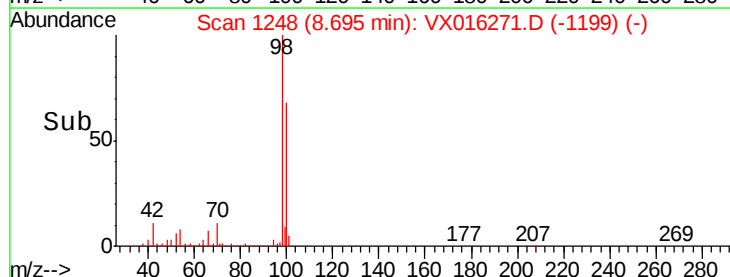
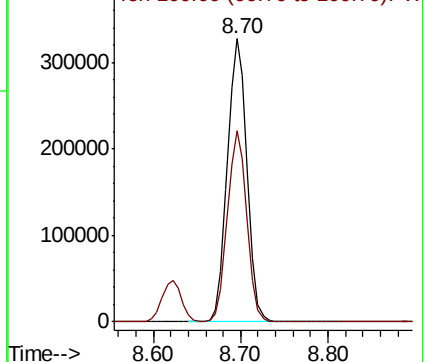
Ion Ratio Lower Upper

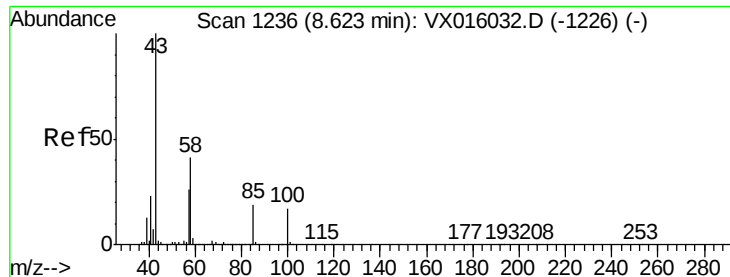
98 100

100 66.7 53.7 80.5



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: 87.269 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

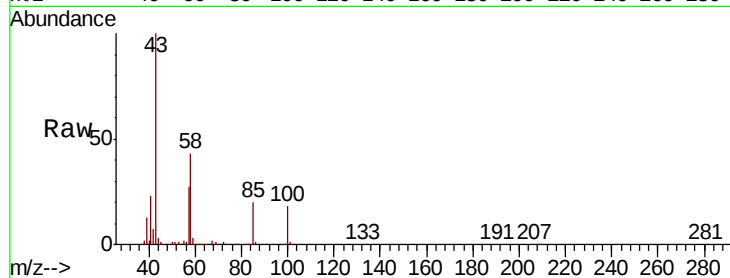
ClientSampleId :

Tot Ion: 43 Resp: 420218

Ion Ratio Lower Upper

43 100

58 42.5 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

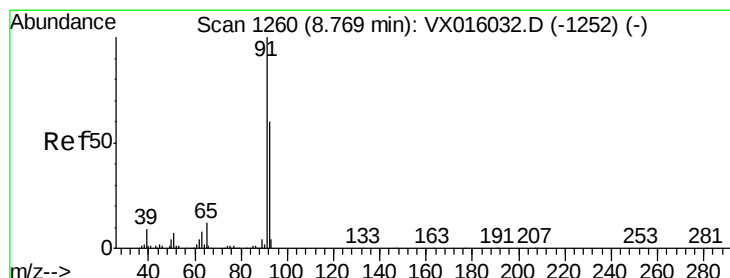
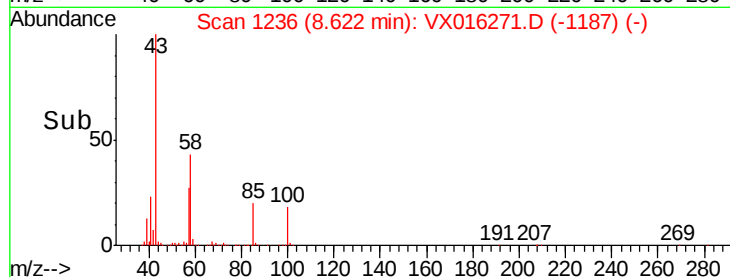
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.899 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016271.D

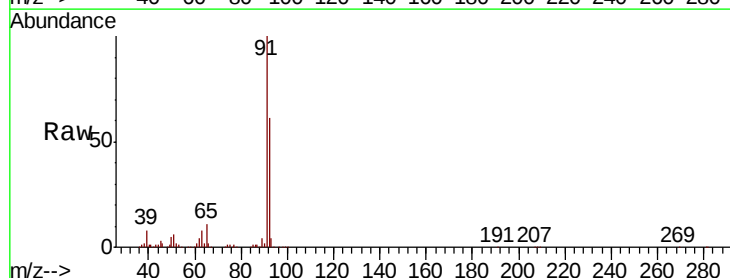
Acq: 15 May 2020 11:38

Tgt Ion: 92 Resp: 138899

Ion Ratio Lower Upper

92 100

91 169.3 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

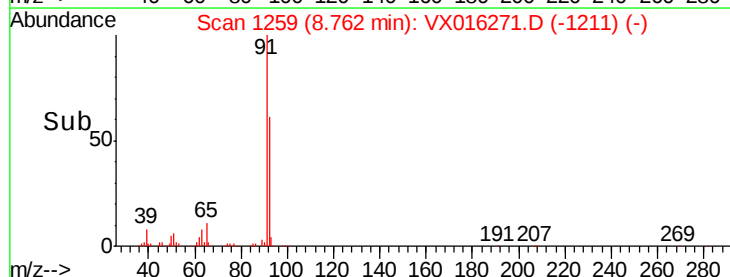
150000

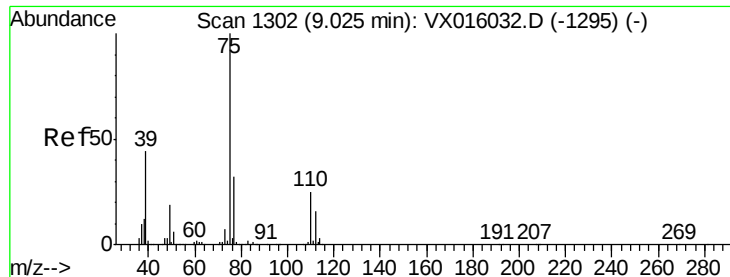
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.048 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

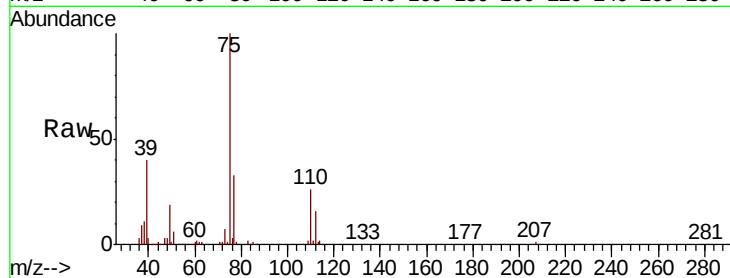
ClientSampleId :

Tot Ion: 75 Resp: 88625

Ion Ratio Lower Upper

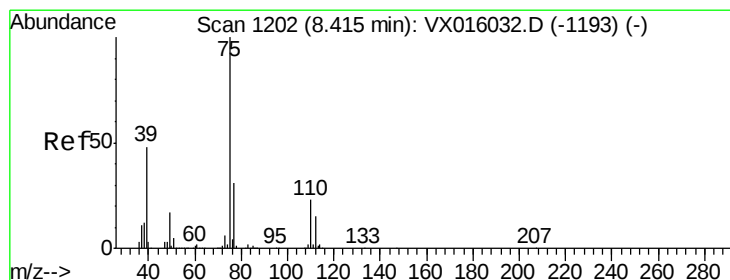
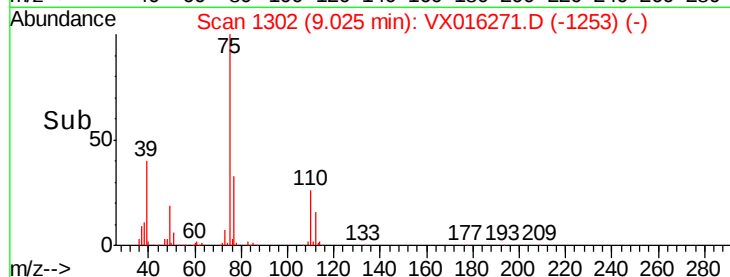
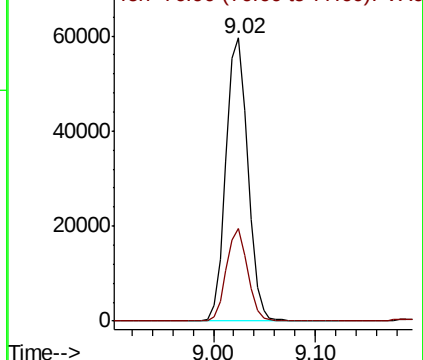
75 100

77 32.8 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.543 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

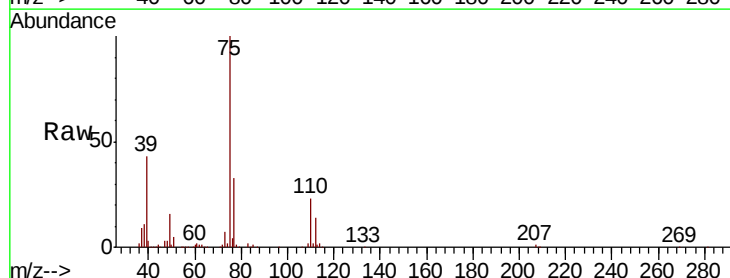
Tgt Ion: 75 Resp: 95259

Ion Ratio Lower Upper

75 100

77 33.3 24.7 37.1

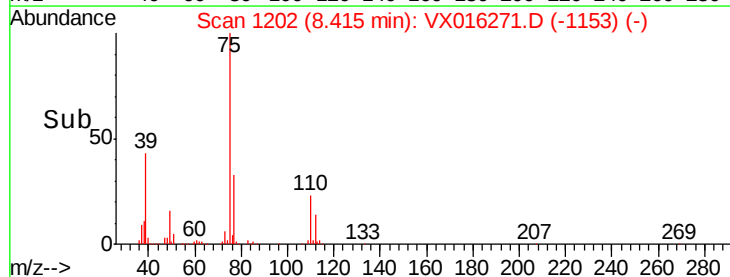
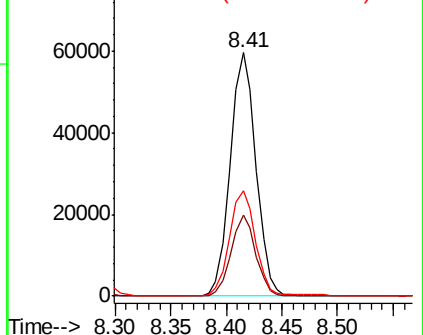
39 43.1 38.7 58.1

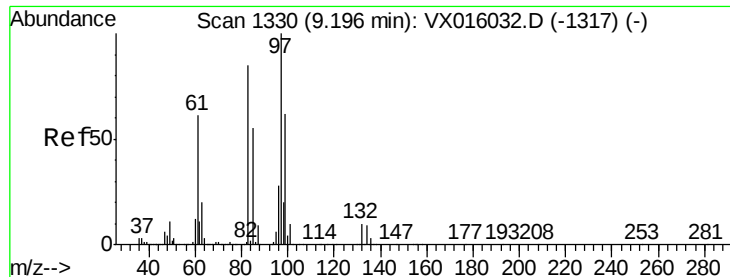


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

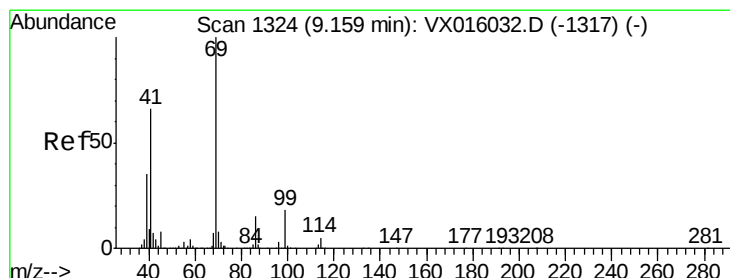
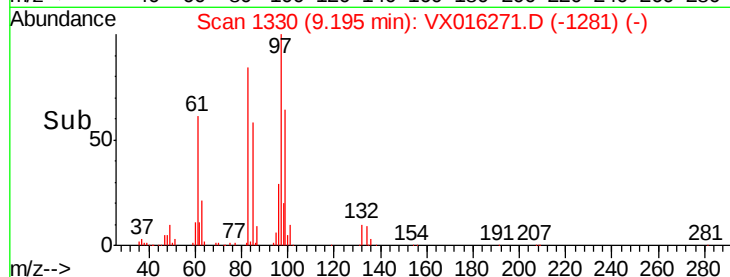
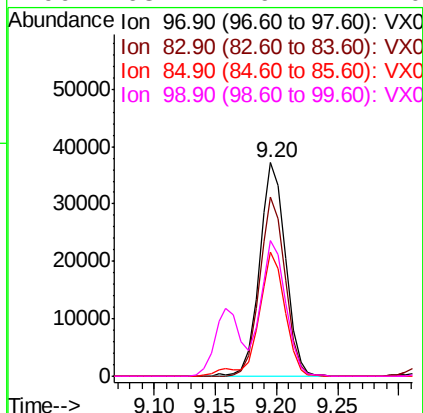
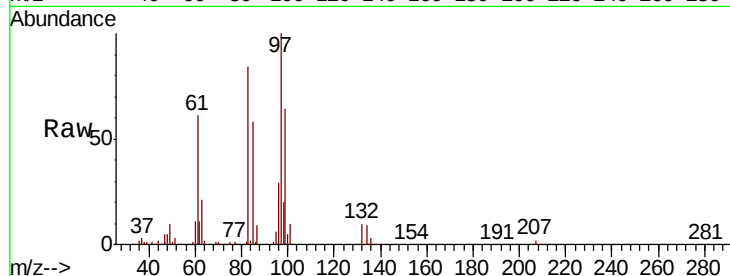




#55
 1,1,2-Trichloroethane
 Concen: 18.179 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

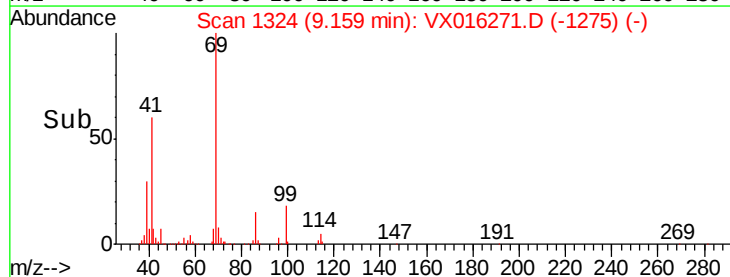
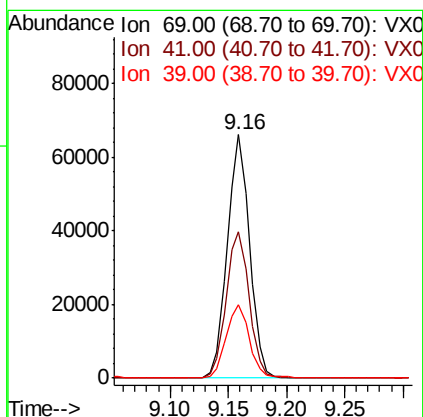
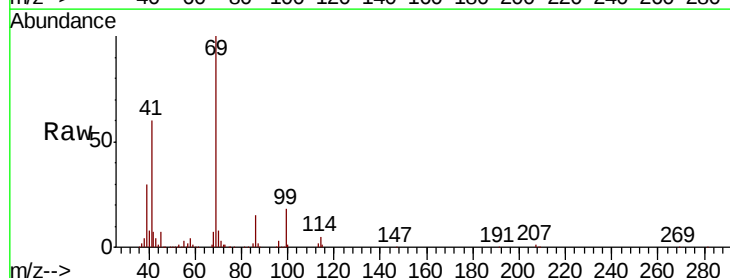
Instrument :
 MSVOA_X
 ClientSampleId :

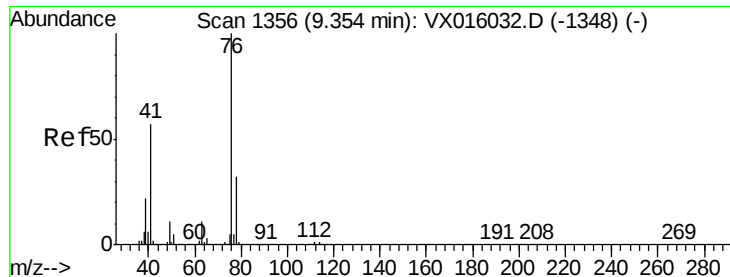
Tot Ion:	97	Resp:	55504
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.8	101.8
85	58.0	43.8	65.8
99	63.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 17.697 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Tgt Ion:	69	Resp:	88199
Ion	Ratio	Lower	Upper
69	100		
41	61.5	52.2	78.4
39	31.9	28.2	42.4





#57

1,3-Dichloropropane

Concen: 17.981 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

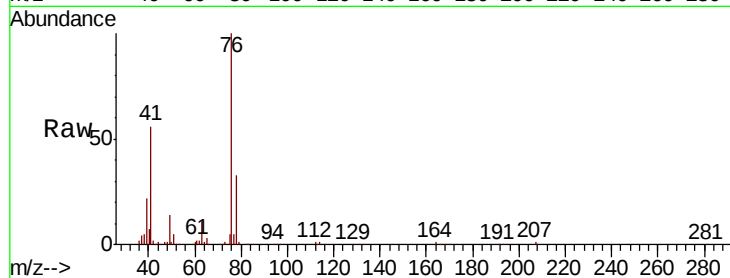
ClientSampleId :

Tot Ion: 76 Resp: 95794

Ion Ratio Lower Upper

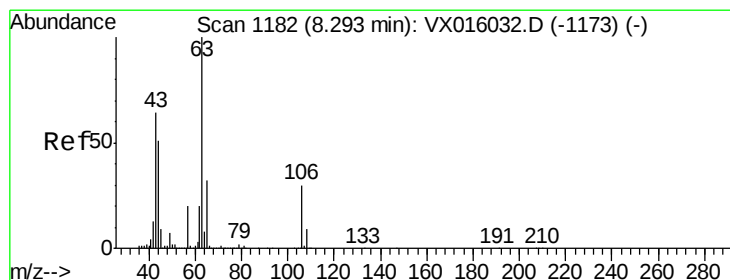
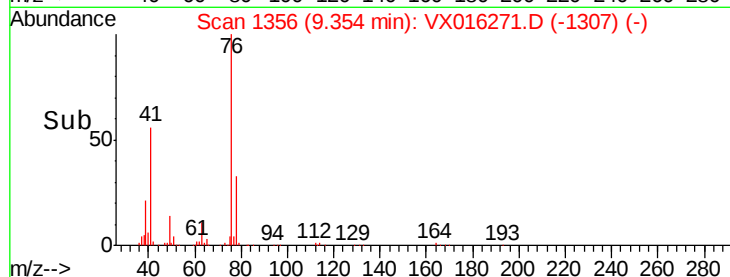
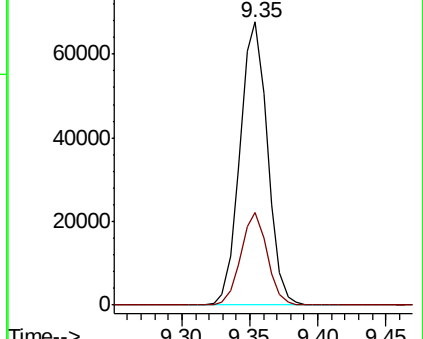
76 100

78 31.6 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.303 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016271.D

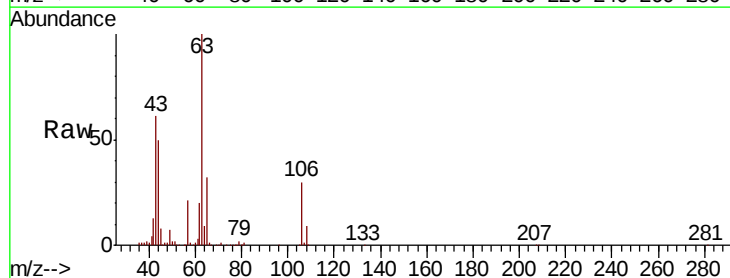
Acq: 15 May 2020 11:38

Tgt Ion: 63 Resp: 236942

Ion Ratio Lower Upper

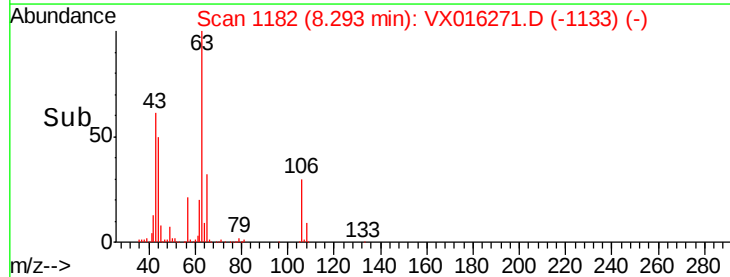
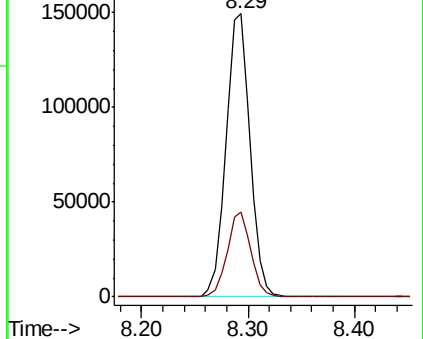
63 100

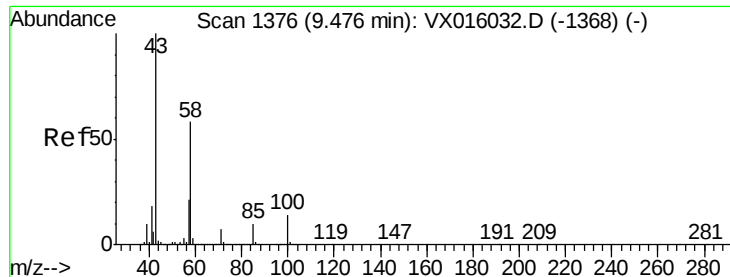
106 29.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

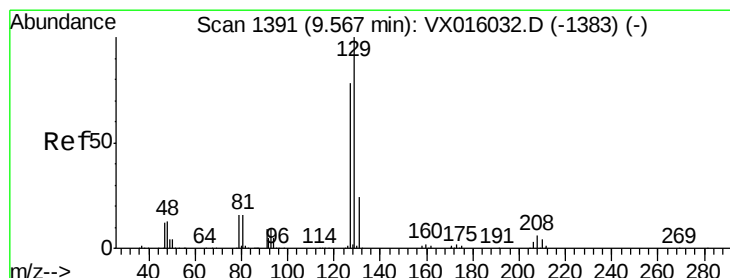
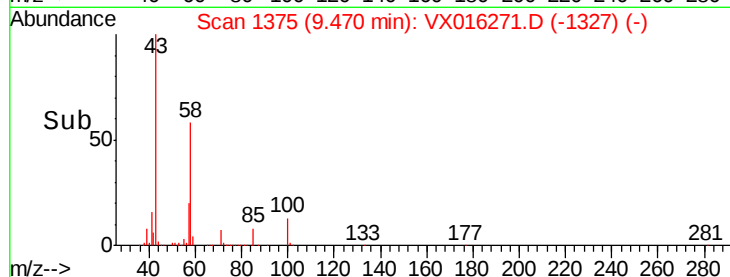
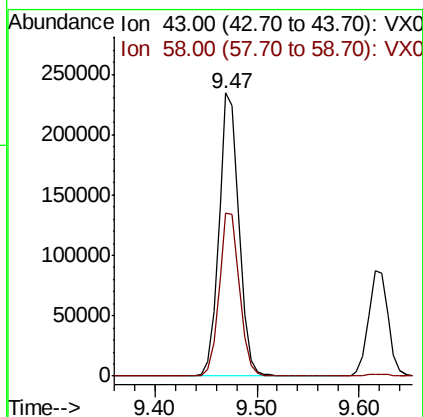
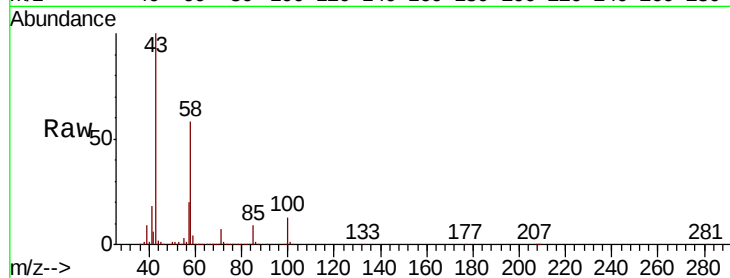




#59
2-Hexanone
Concen: 84.862 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

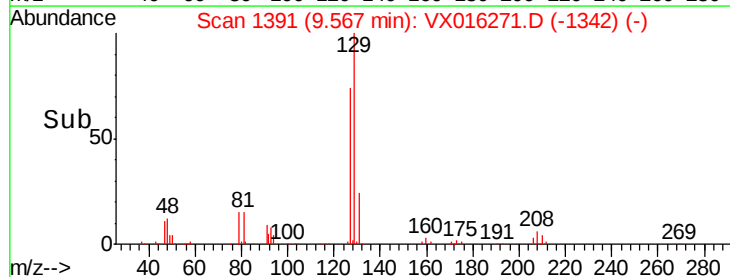
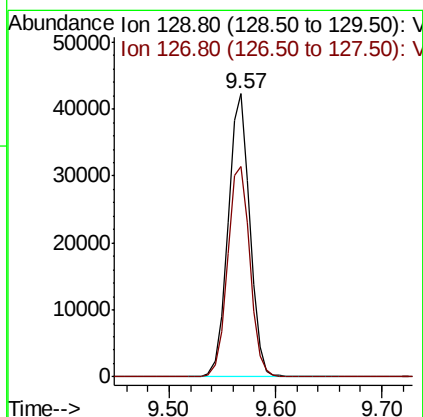
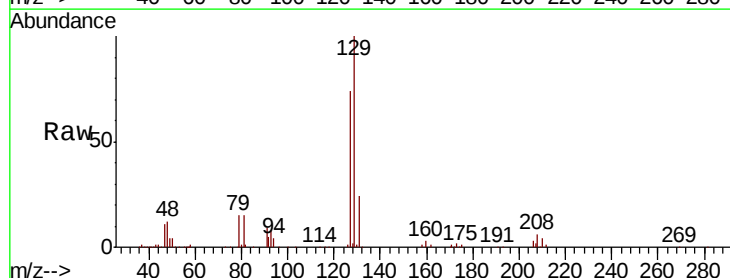
Instrument :
MSVOA_X
ClientSampled :

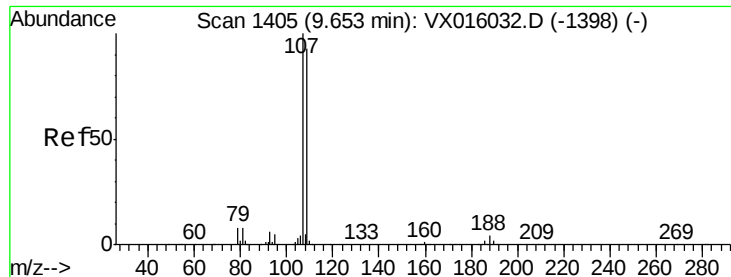
Tot Ion: 43 Resp: 320906
Ion Ratio Lower Upper
43 100
58 58.7 28.6 85.9



#60
Dibromochloromethane
Concen: 17.950 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion: 129 Resp: 60358
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 17.684 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

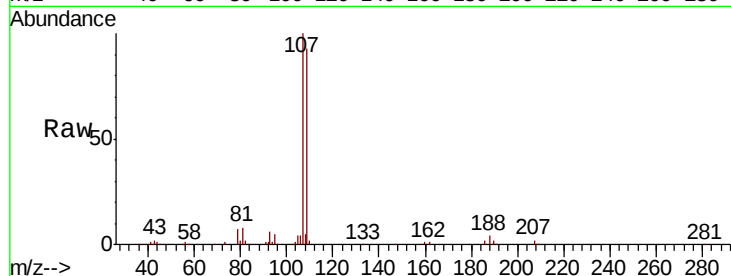
ClientSampleId :

Tot Ion:107 Resp: 58485

Ion Ratio Lower Upper

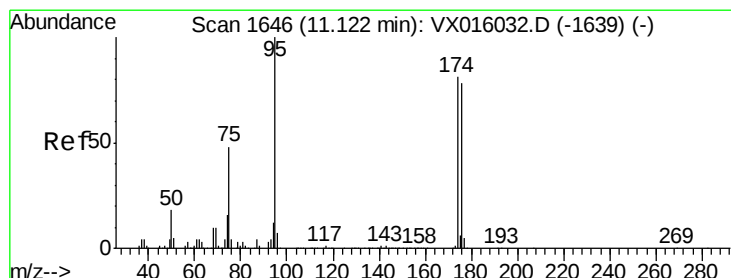
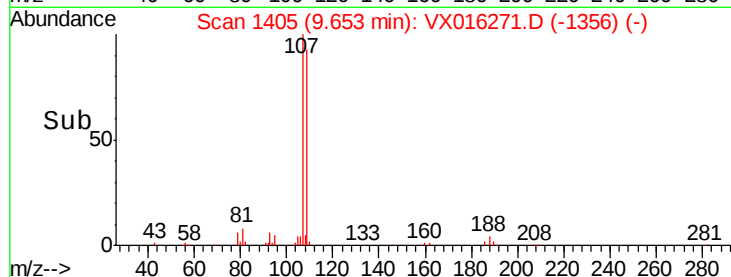
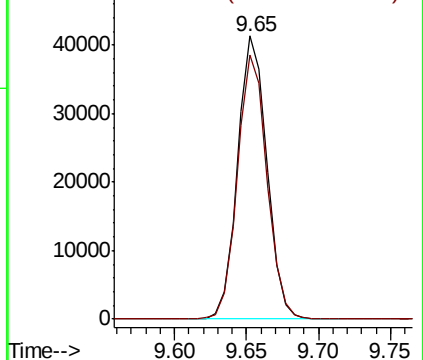
107 100

109 94.2 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.830 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

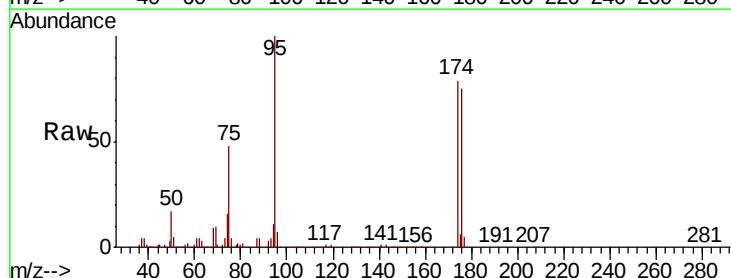
Tgt Ion: 95 Resp: 187949

Ion Ratio Lower Upper

95 100

174 81.7 0.0 159.4

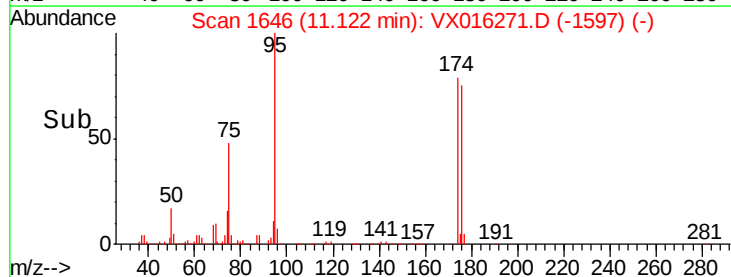
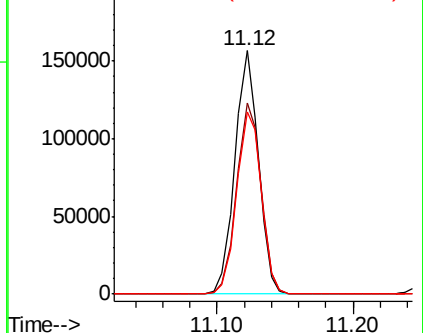
176 78.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

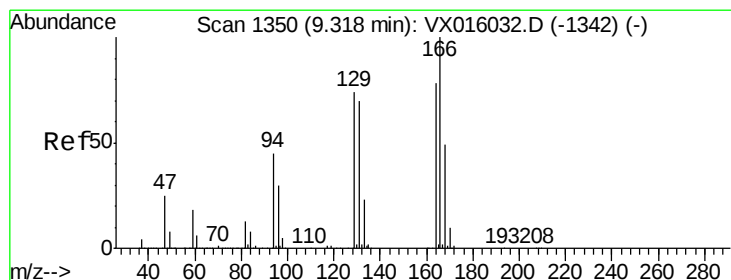
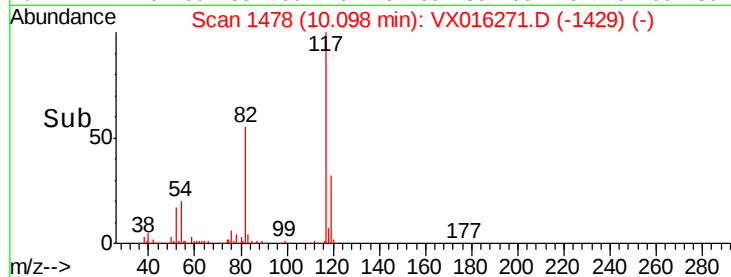
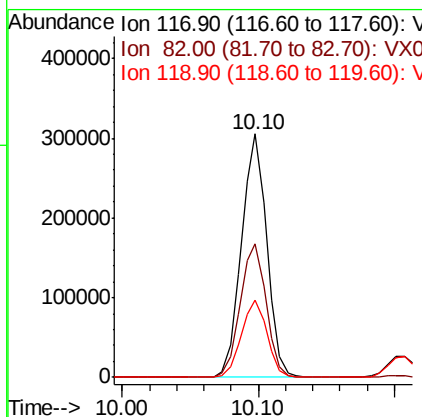
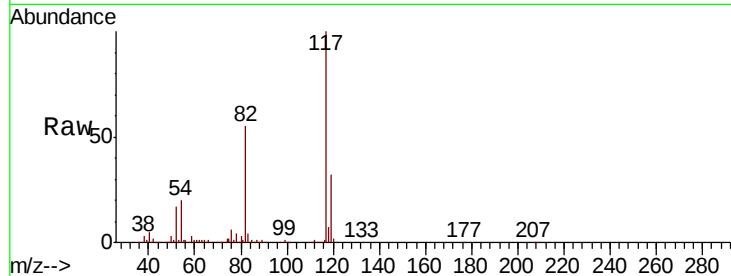




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

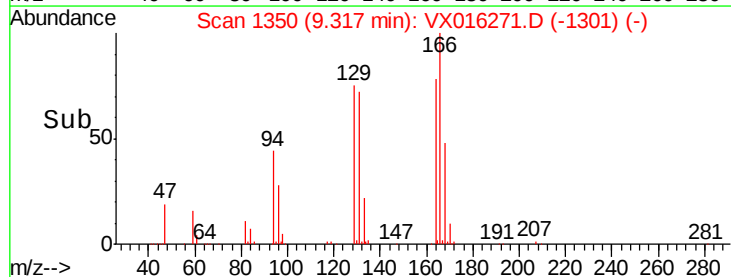
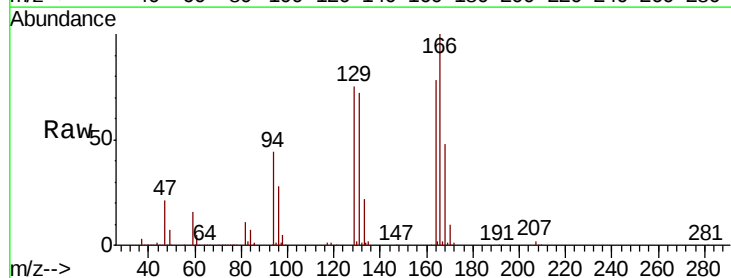
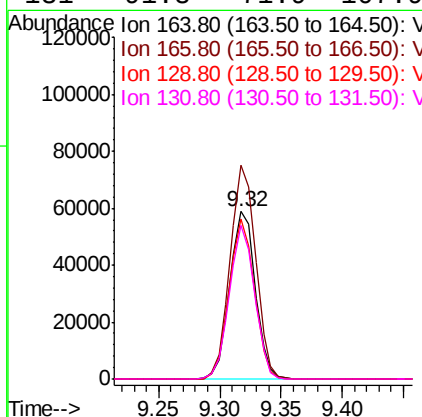
Instrument :
MSVOA_X
ClientSampled :

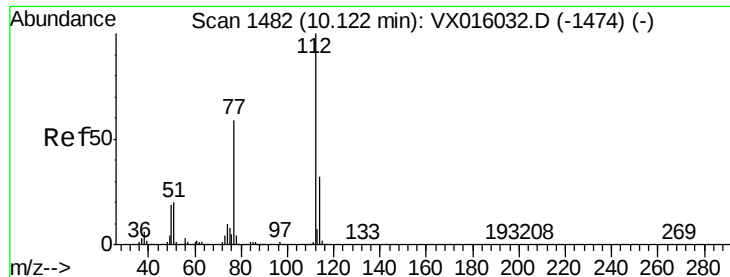
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.4	66.6
119	31.8	25.5	38.3



#64
Tetrachloroethene
Concen: 17.521 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	102.9	154.3
129	95.6	76.1	114.1
131	91.8	71.9	107.9

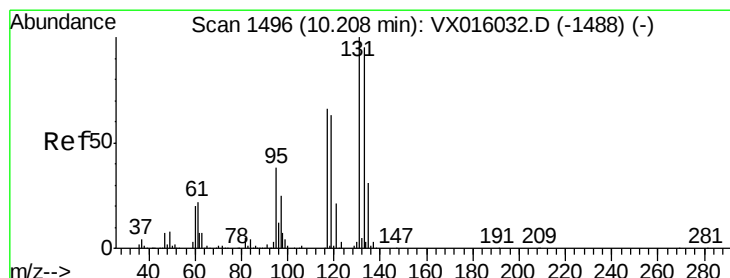
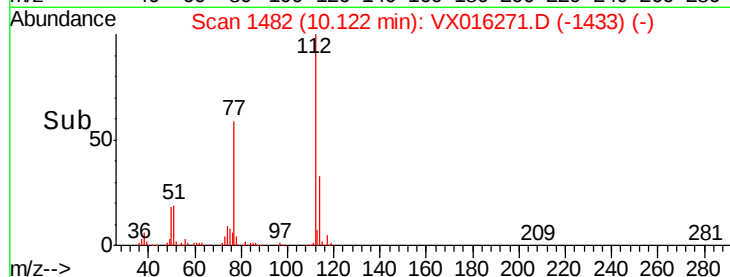
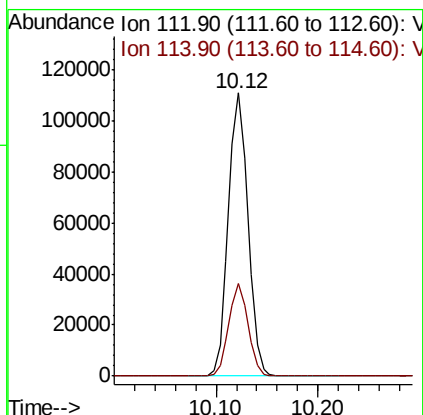
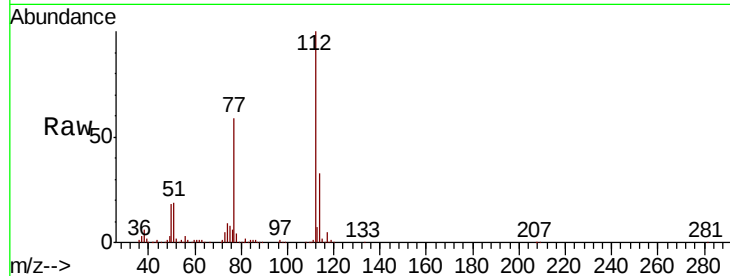




#65
Chlorobenzene
Concen: 17.846 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

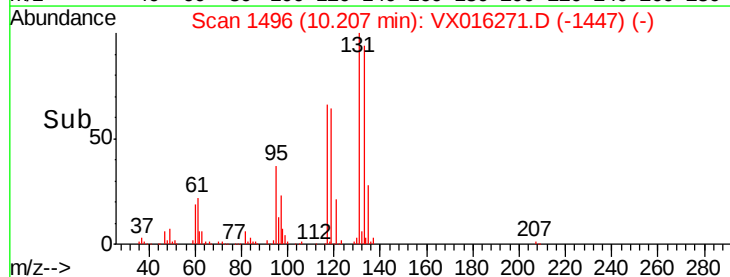
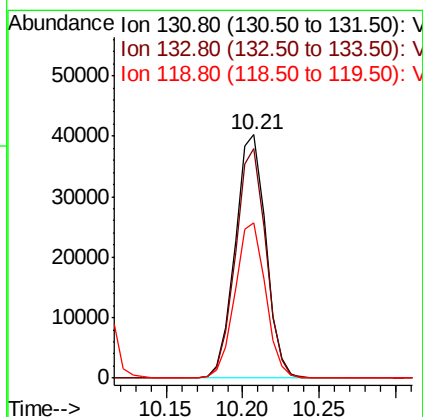
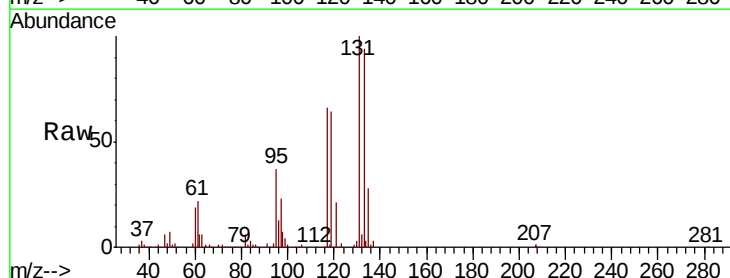
Instrument :
MSVOA_X
ClientSampleId :

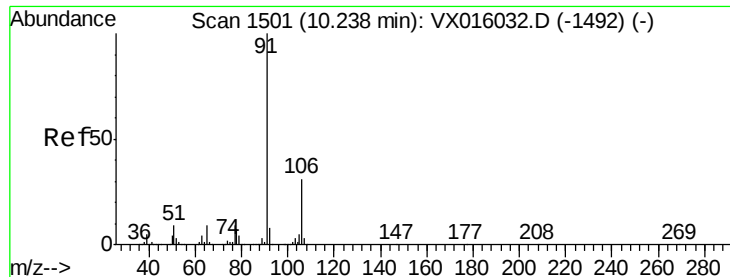
Tot Ion:112 Resp: 147724
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.273 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion:131 Resp: 55905
Ion Ratio Lower Upper
131 100
133 94.4 48.3 144.8
119 63.2 32.3 96.9





#67

Ethyl Benzene

Concen: 17.748 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

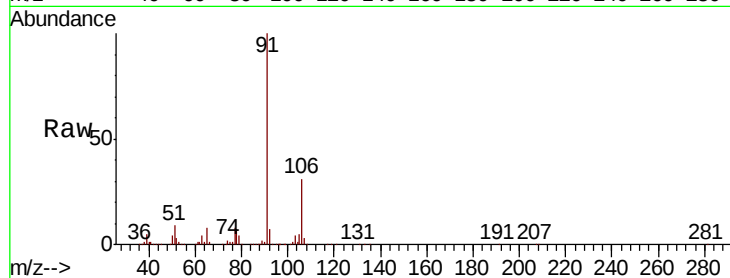
ClientSampleId :

Tot Ion: 91 Resp: 262119

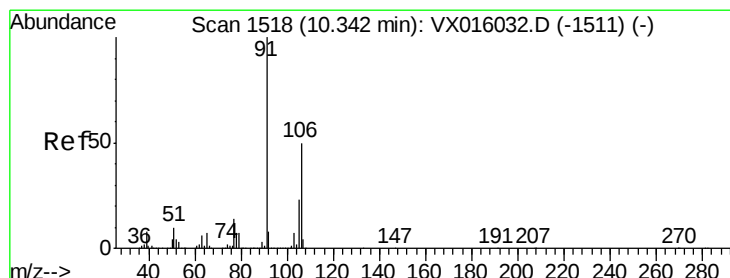
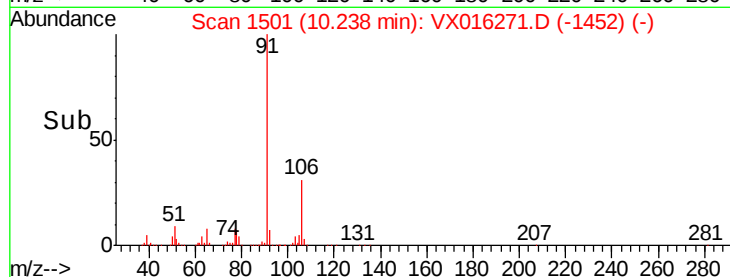
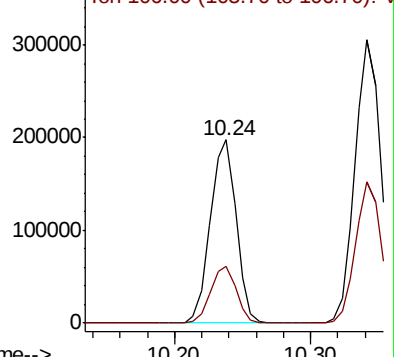
Ion Ratio Lower Upper

91 100

106 30.9 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1492) (-)



#68

m/p-Xylenes

Concen: 36.515 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016271.D

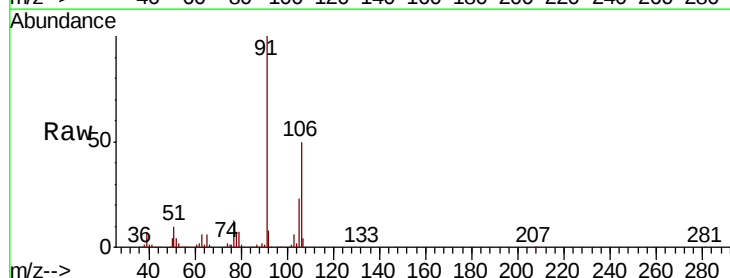
Acq: 15 May 2020 11:38

Tgt Ion: 106 Resp: 202056

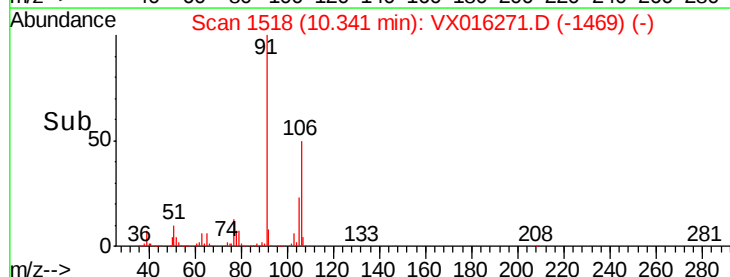
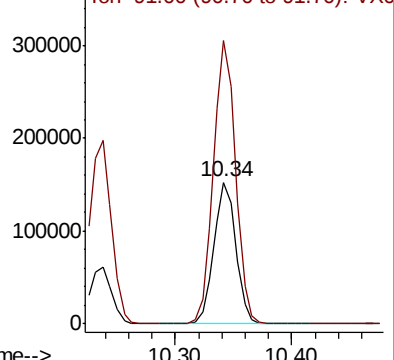
Ion Ratio Lower Upper

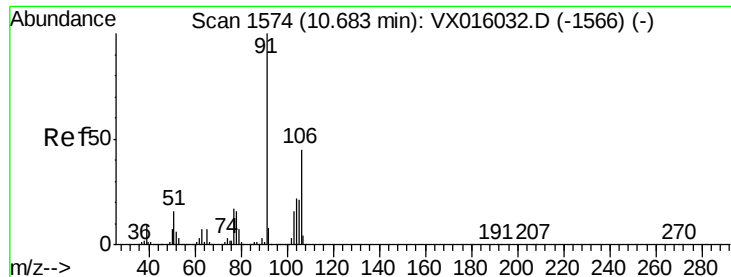
106 100

91 201.2 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016032.D (-1511) (-)

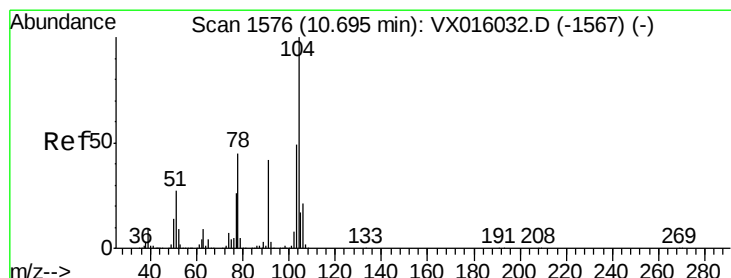
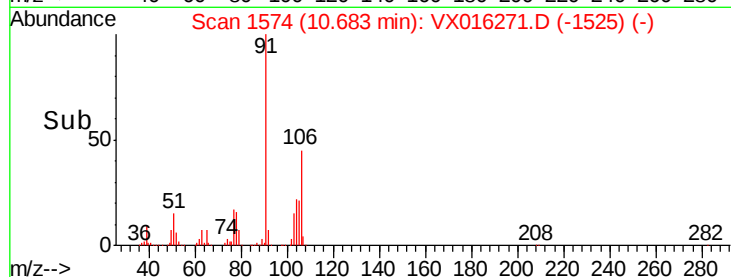
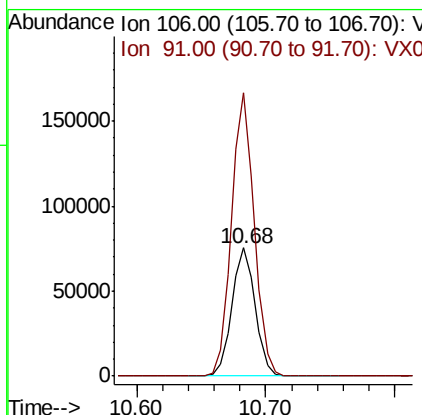
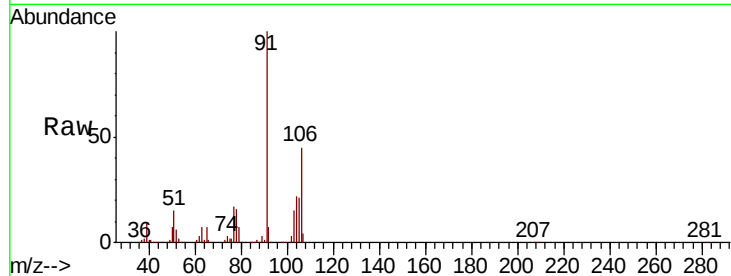




#69
o-Xylene
Concen: 17.896 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

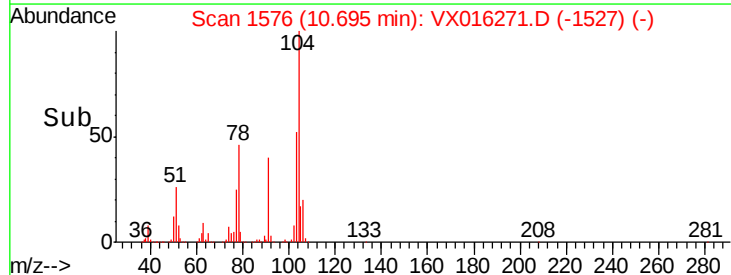
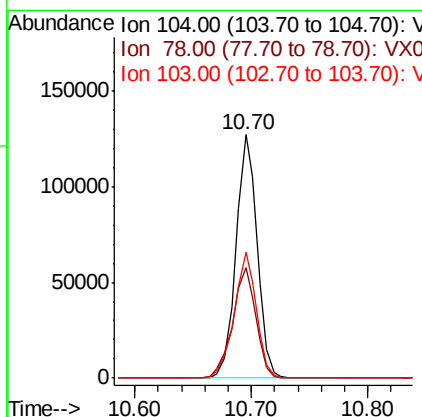
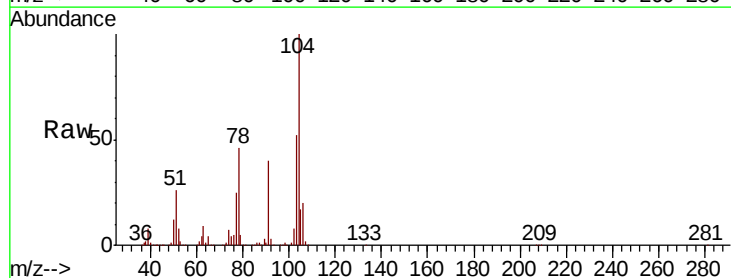
Instrument :
MSVOA_X
ClientSampleId :

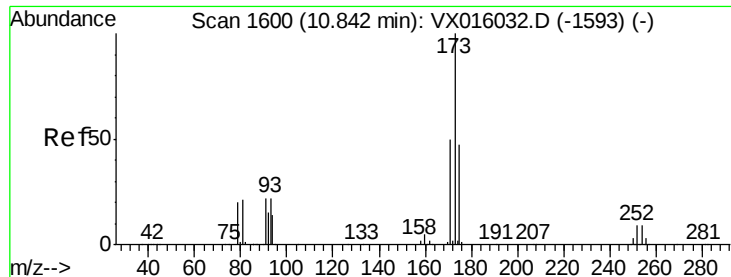
Tot Ion:106 Resp: 95189
Ion Ratio Lower Upper
106 100
91 216.3 107.5 322.6



#70
Styrene
Concen: 17.871 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion:104 Resp: 161259
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 54.1 43.0 64.6





#71

Bromoform

Concen: 18.018 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

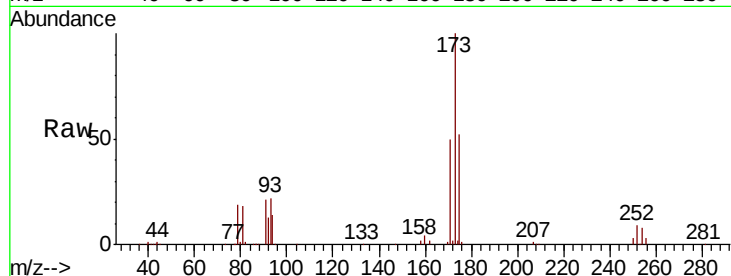
Tot Ion:173 Resp: 44913

Ion Ratio Lower Upper

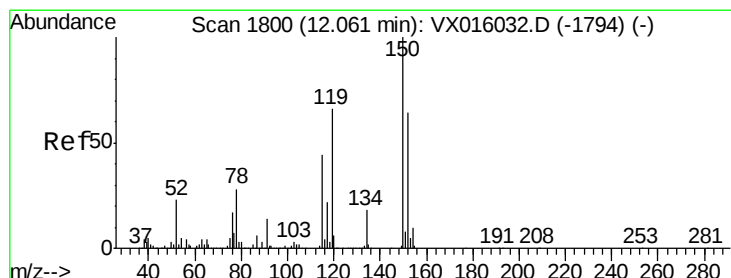
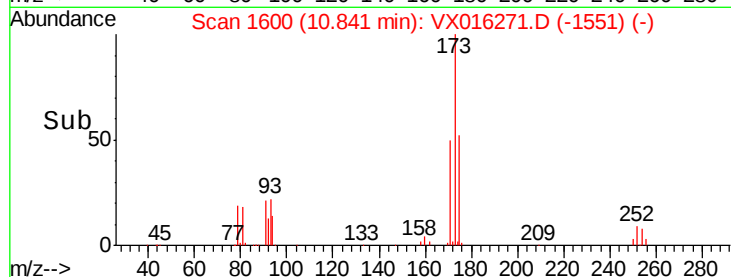
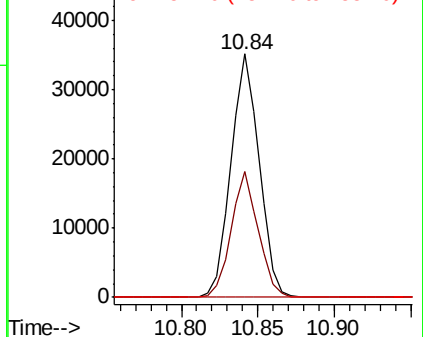
173 100

175 49.5 24.0 72.0

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

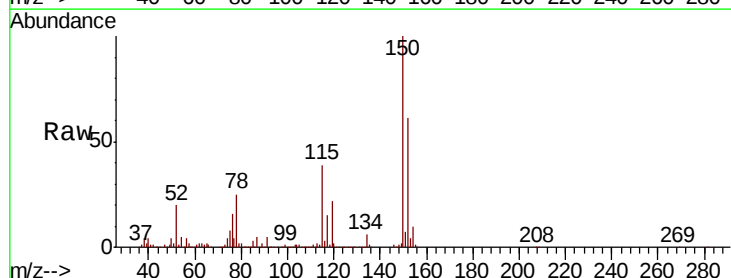
Tgt Ion:152 Resp: 200302

Ion Ratio Lower Upper

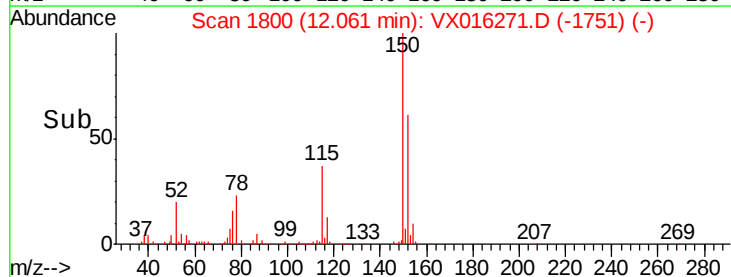
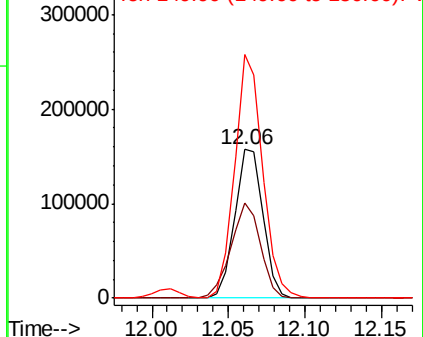
152 100

115 67.2 41.3 124.1

150 162.9 0.0 352.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.535 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

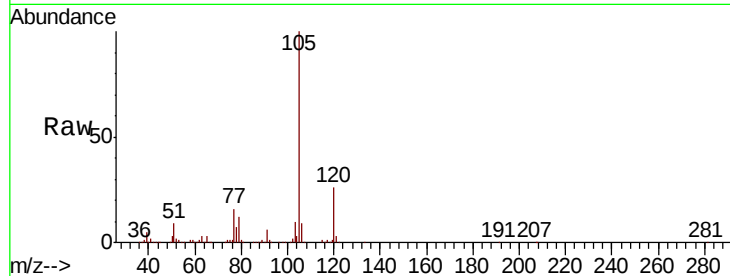
ClientSampleId :

Tot Ion:105 Resp: 255463

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

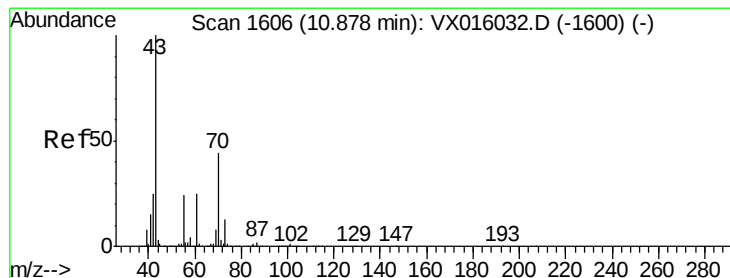
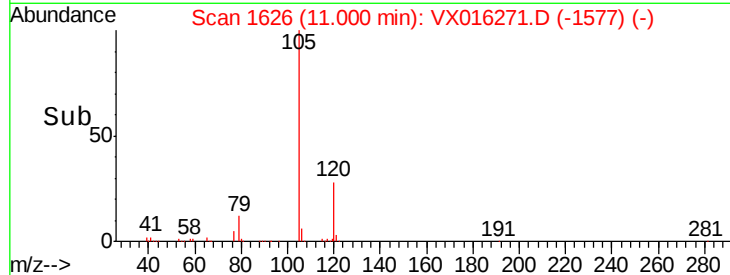
50000

0

11.00

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 16.385 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion: 43 Resp: 111345

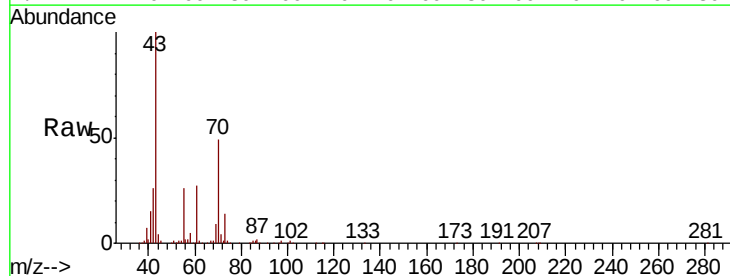
Ion Ratio Lower Upper

43 100

70 47.0 36.5 54.7

55 26.1 19.7 29.5

61 26.8 20.9 31.3



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

100000

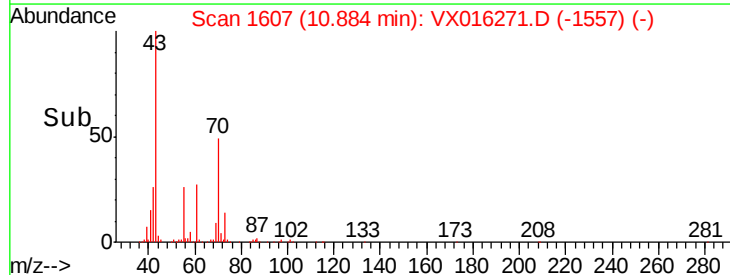
50000

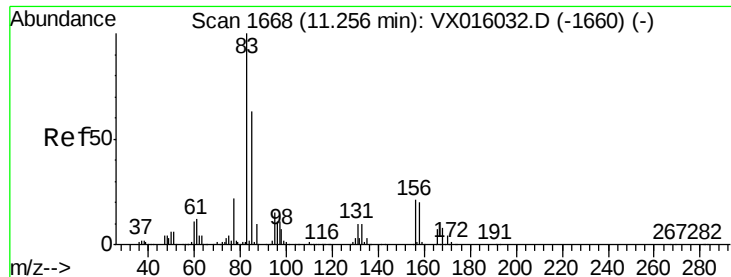
0

10.88

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.104 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016271.D

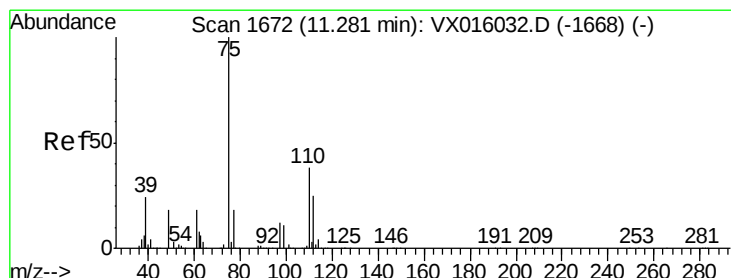
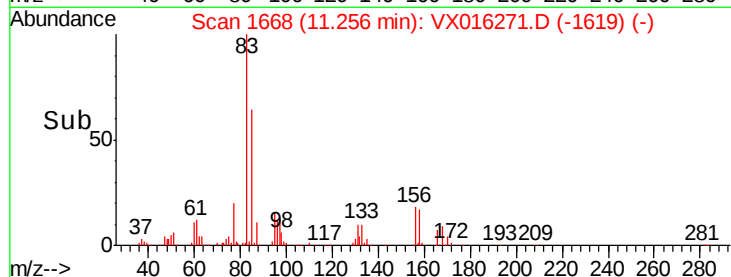
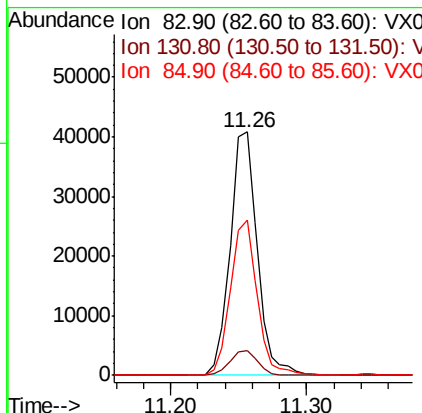
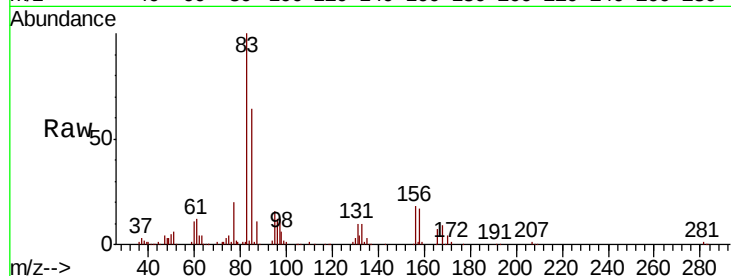
Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	83	Resp:	56662
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.4
85	63.3	32.0	96.0



#76

1,2,3-Trichloropropane

Concen: 23.393 ug/l

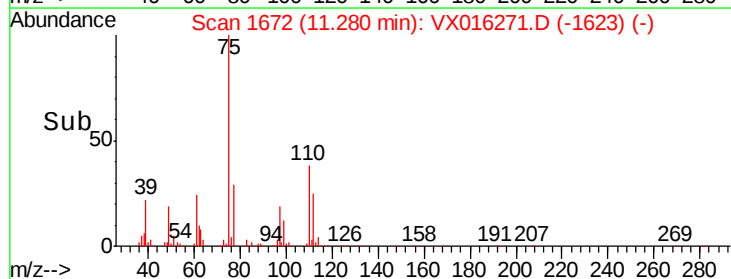
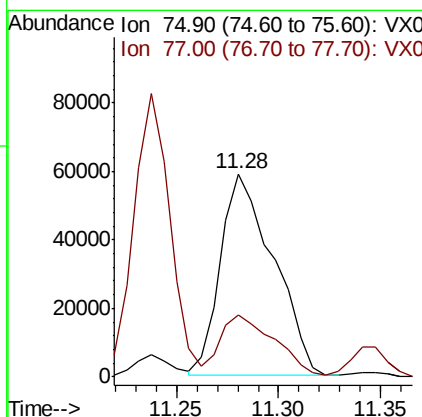
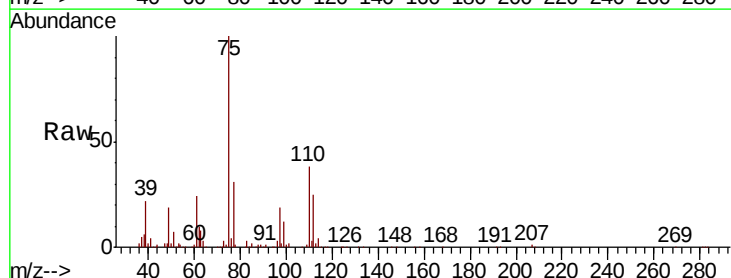
RT: 11.28 min Scan# 1672

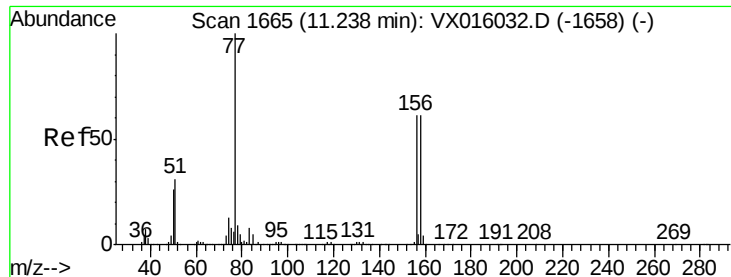
Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion:	75	Resp:	106328
Ion	Ratio	Lower	Upper
75	100		
77	31.3	21.2	63.6





#77

Bromobenzene

Concen: 16.910 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

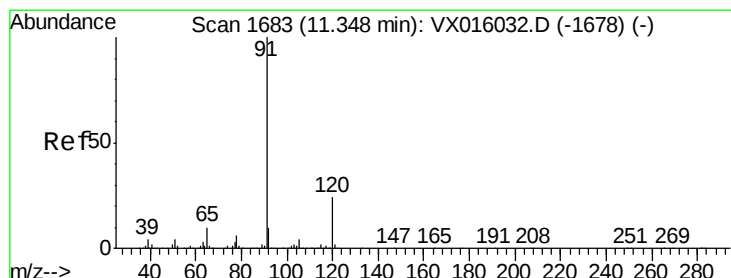
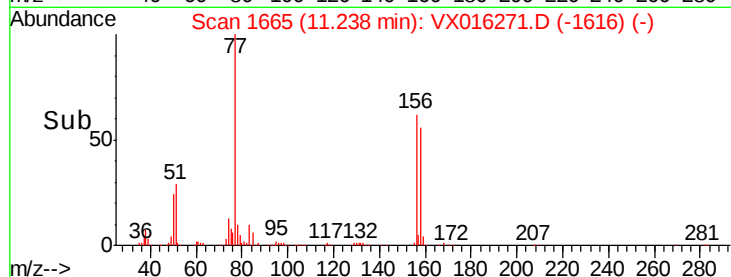
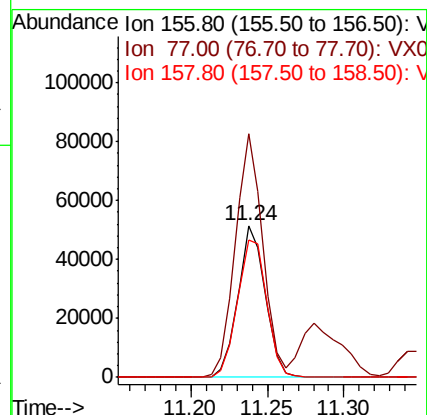
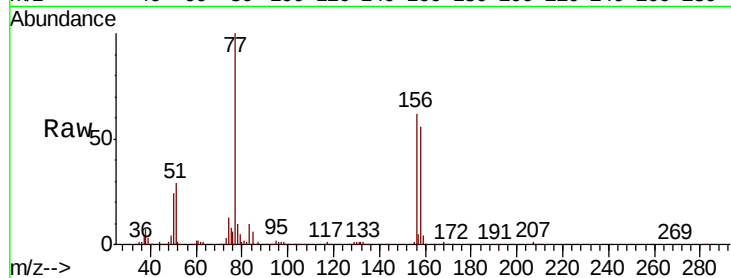
Tot Ion:156 Resp: 63590

Ion Ratio Lower Upper

156 100

77 161.3 80.1 240.3

158 97.1 49.4 148.2



#78

n-propylbenzene

Concen: 17.065 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016271.D

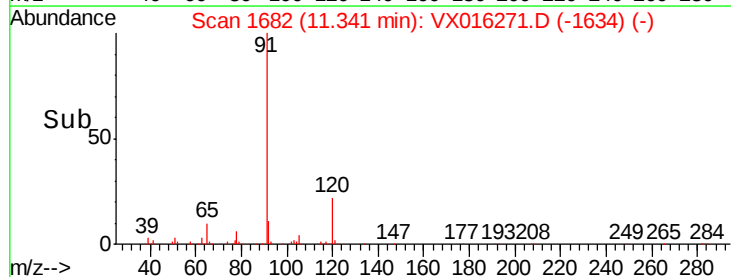
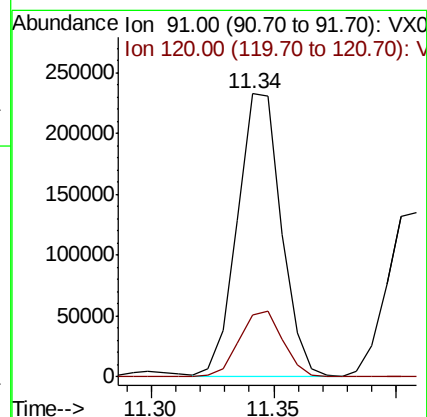
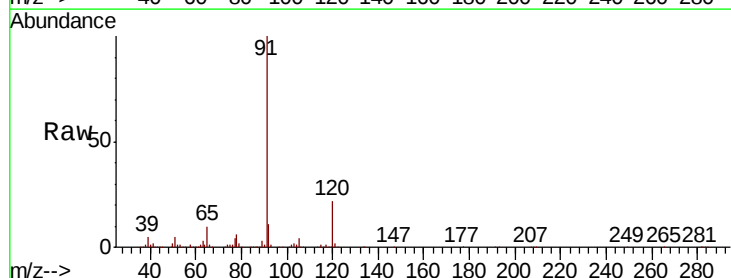
Acq: 15 May 2020 11:38

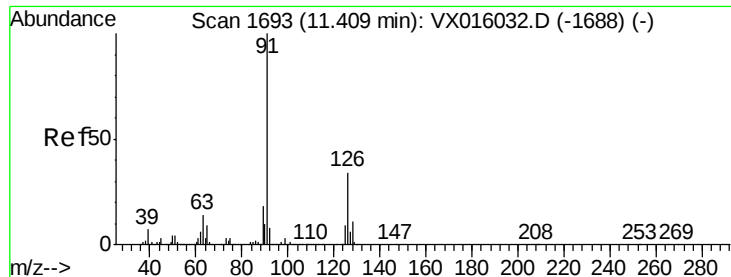
Tgt Ion: 91 Resp: 289225

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 17.523 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

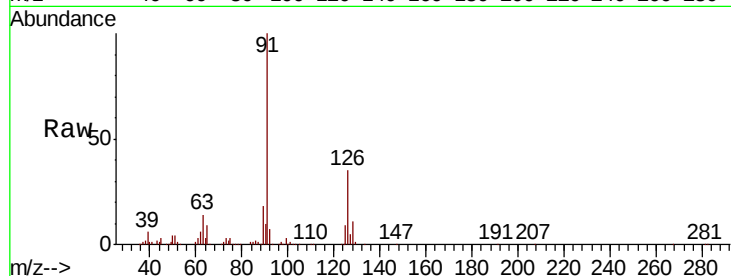
ClientSampleId :

Tot Ion: 91 Resp: 175310

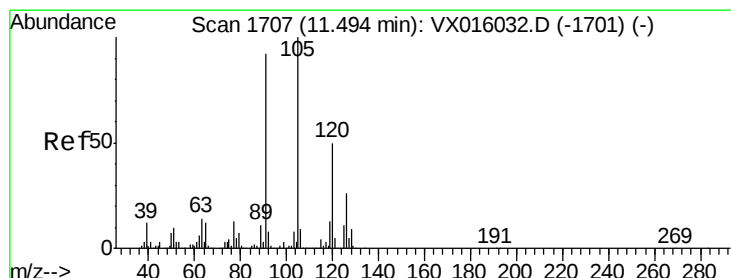
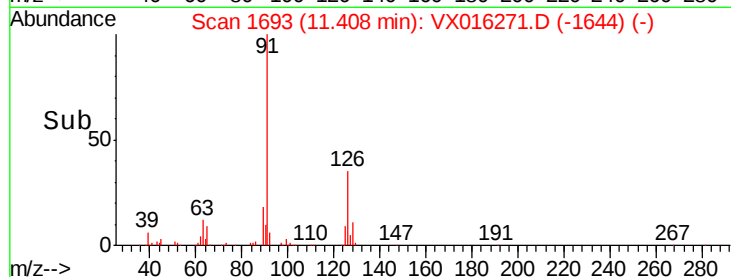
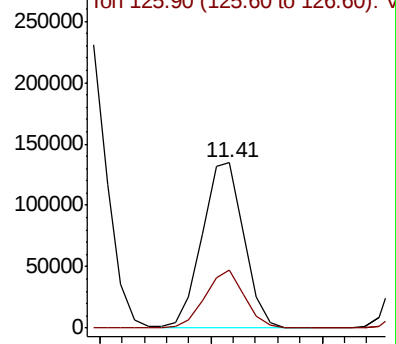
Ion Ratio Lower Upper

91 100

126 33.3 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.635 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016271.D

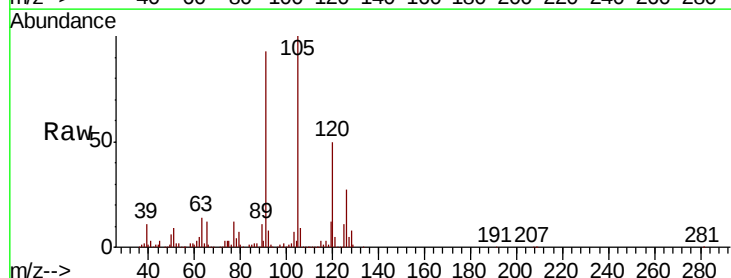
Acq: 15 May 2020 11:38

Tgt Ion: 105 Resp: 216927

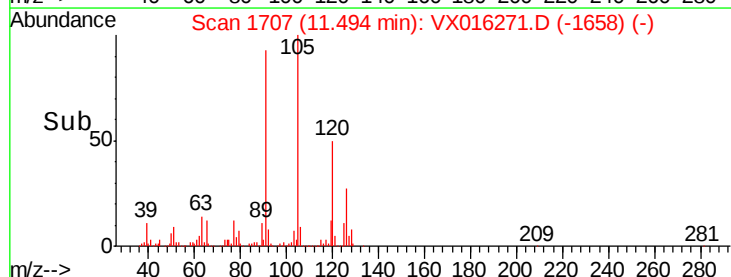
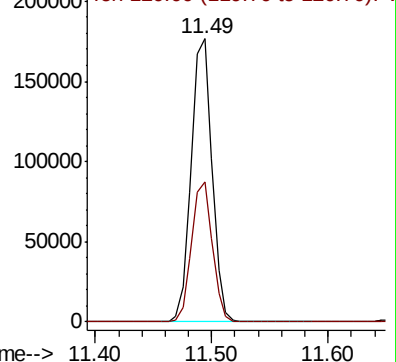
Ion Ratio Lower Upper

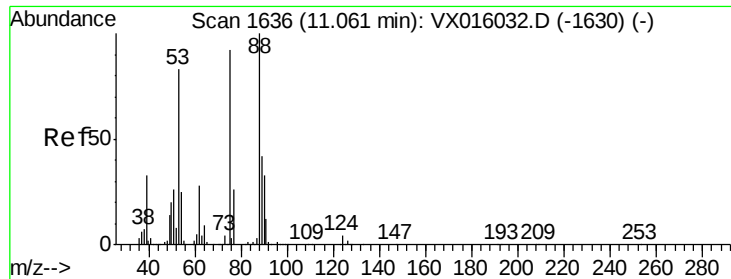
105 100

120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.846 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

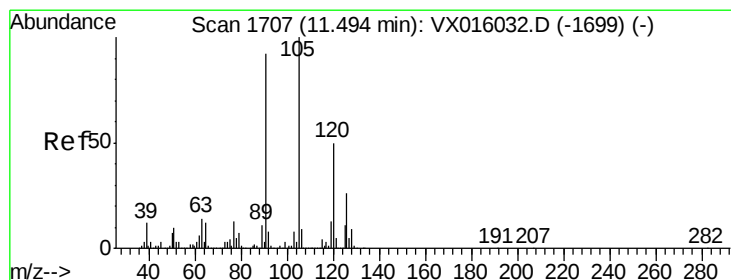
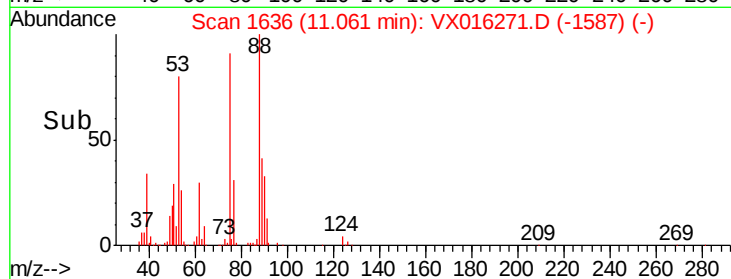
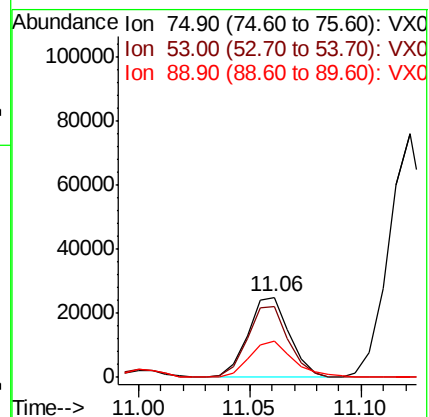
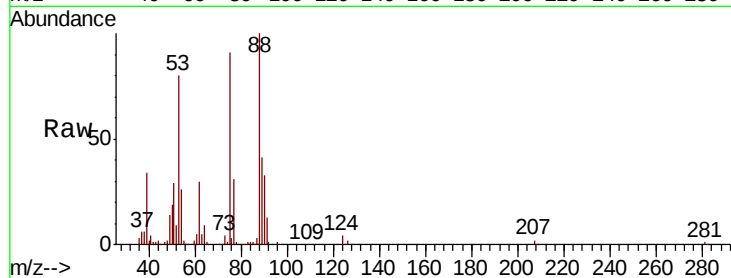
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 32131

Ion	Ratio	Lower	Upper
75	100		
53	89.2	73.1	109.7
89	48.9	36.7	55.1



#82

4-Chlorotoluene

Concen: 17.310 ug/l

RT: 11.49 min Scan# 1707

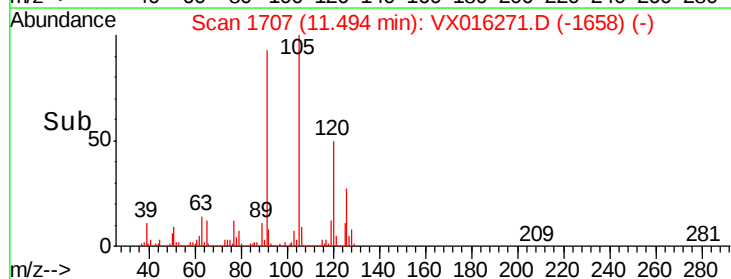
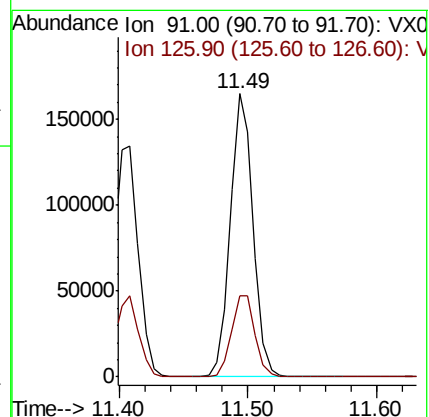
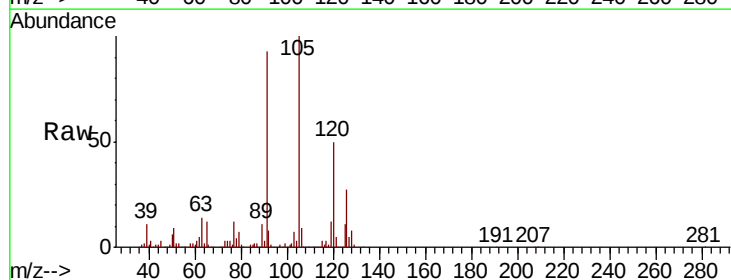
Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion: 91 Resp: 204502

Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.8	44.3





#83

tert-Butylbenzene

Concen: 17.481 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

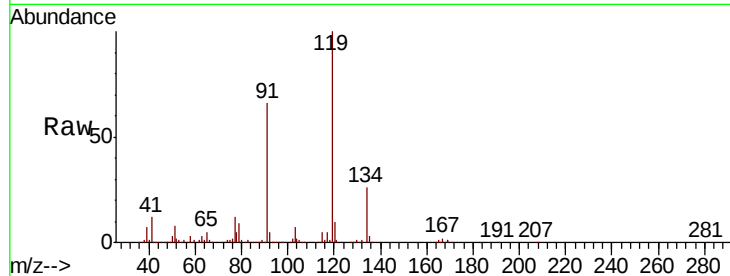
Tot Ion:119 Resp: 185309

Ion Ratio Lower Upper

119 100

91 65.2 32.8 98.4

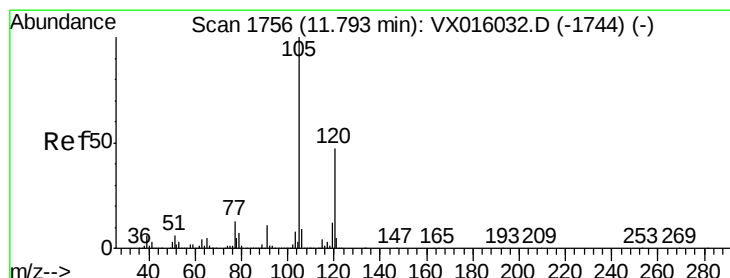
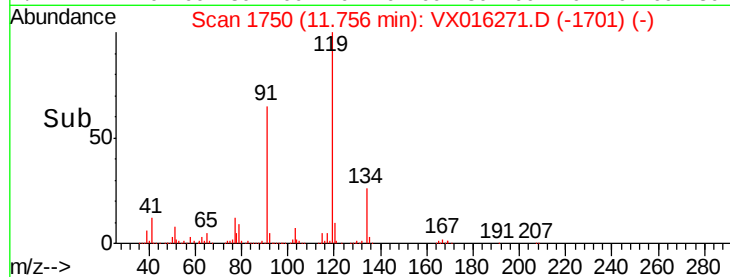
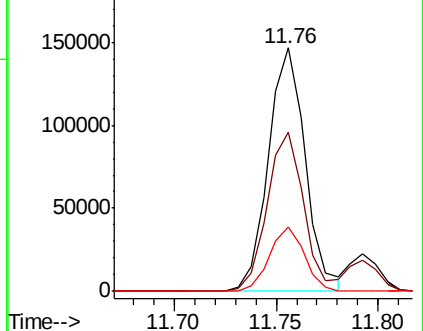
134 25.0 12.4 37.0



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: 17.389 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016271.D

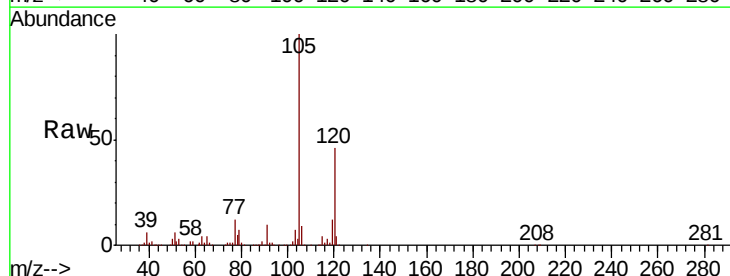
Acq: 15 May 2020 11:38

Tgt Ion:105 Resp: 216246

Ion Ratio Lower Upper

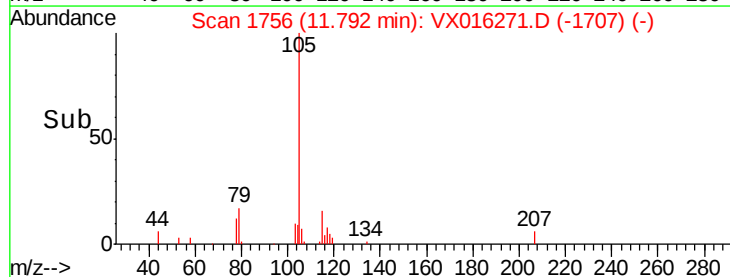
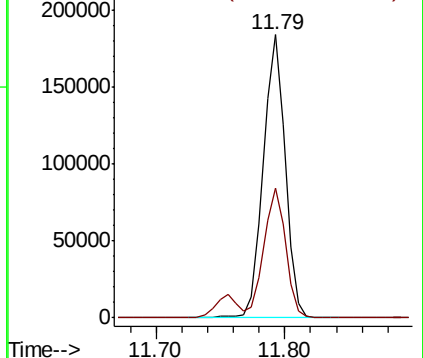
105 100

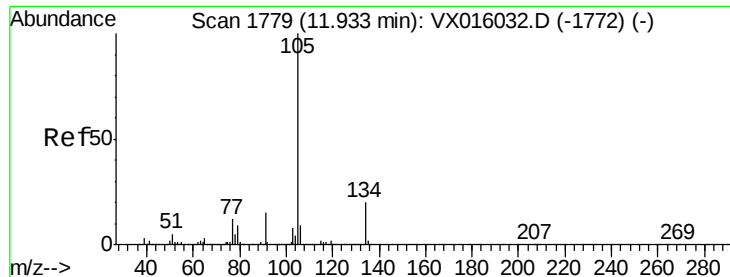
120 45.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 16.851 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

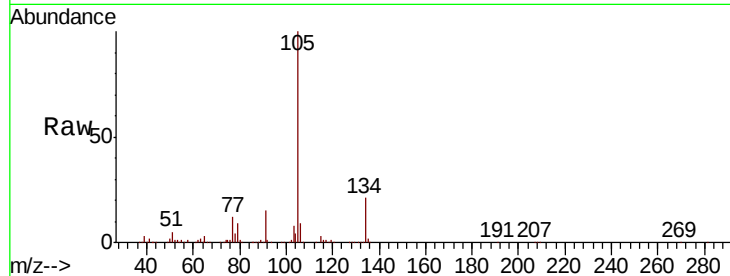
ClientSampleId :

Tot Ion:105 Resp: 241183

Ion Ratio Lower Upper

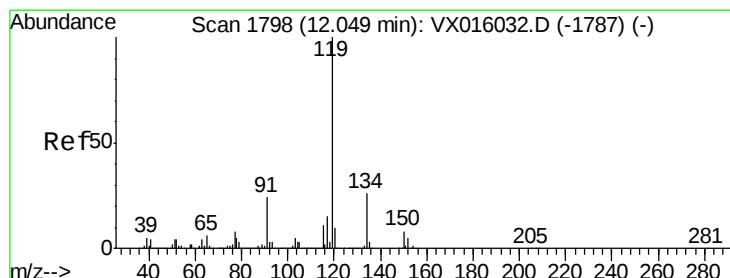
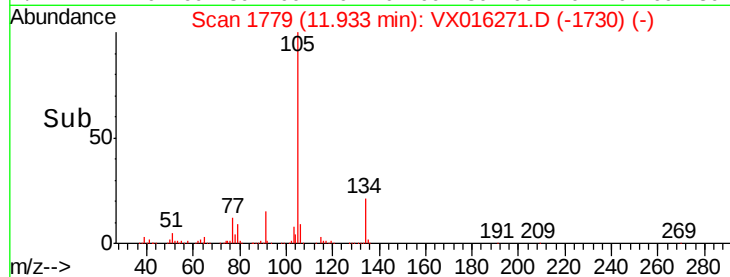
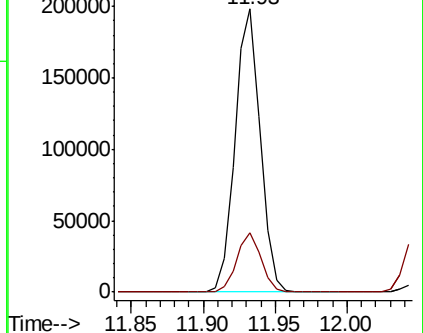
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.058 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

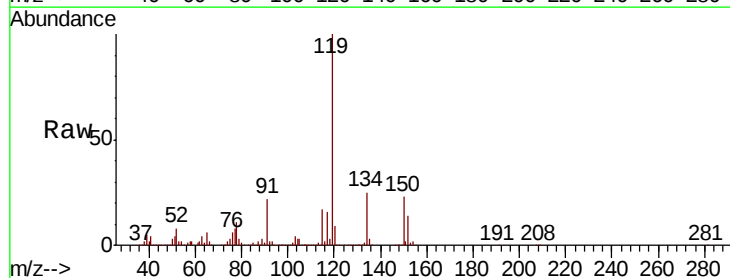
Tgt Ion:119 Resp: 226677

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

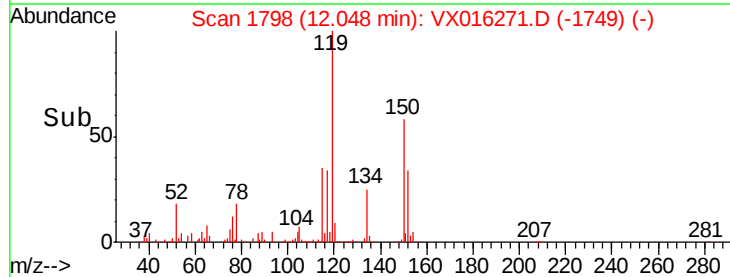
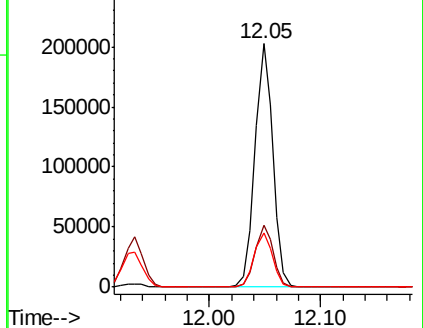
91 23.2 11.8 35.4

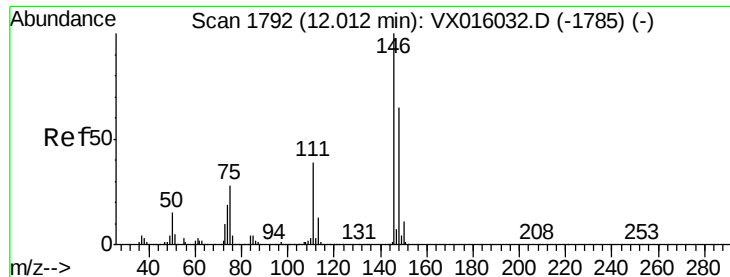


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 17.008 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

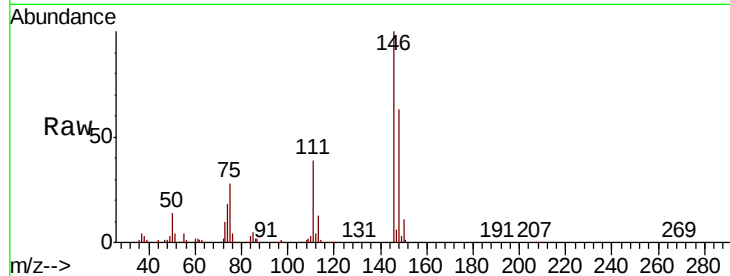
Tot Ion:146 Resp: 114839

Ion Ratio Lower Upper

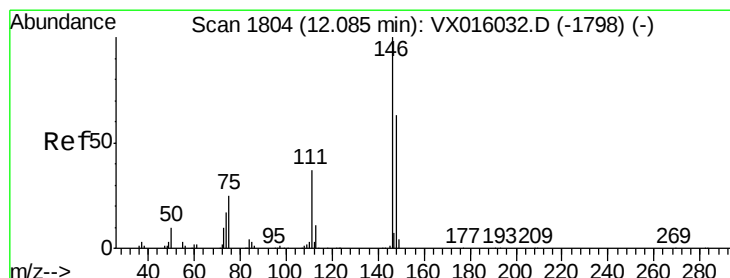
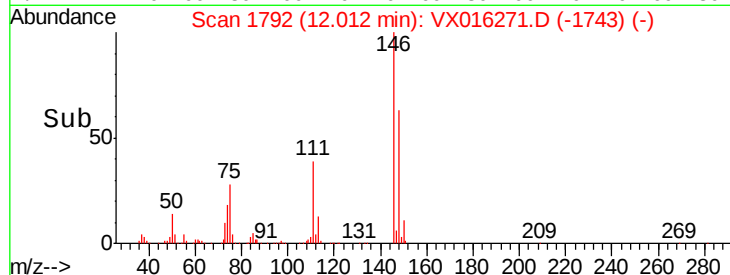
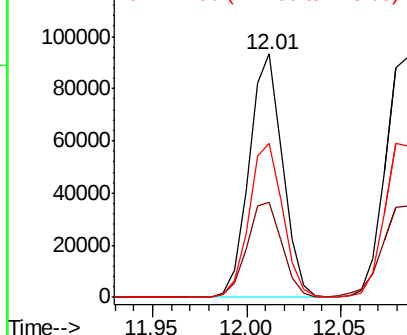
146 100

111 41.0 20.2 60.6

148 63.8 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 16.900 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

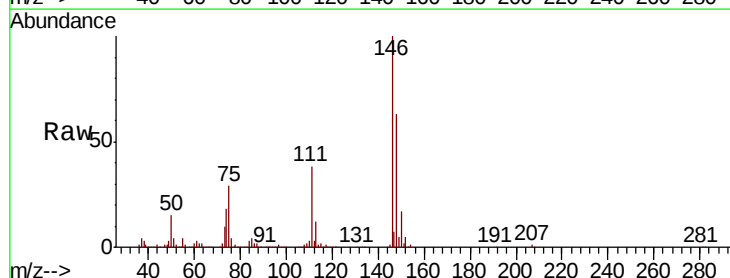
Tgt Ion:146 Resp: 115821

Ion Ratio Lower Upper

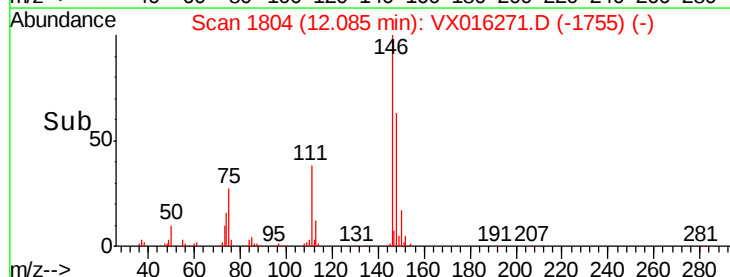
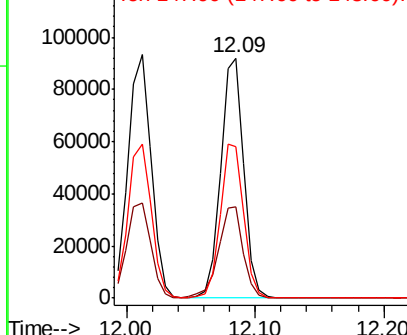
146 100

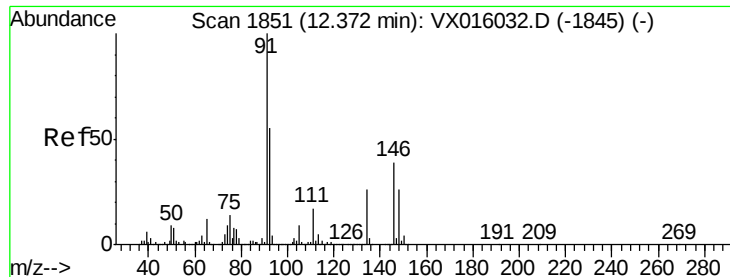
111 40.9 19.6 58.7

148 65.2 31.8 95.3



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

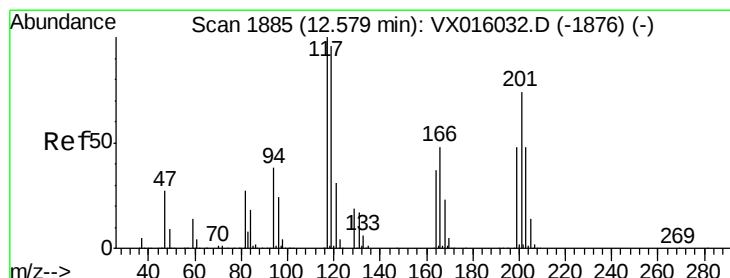
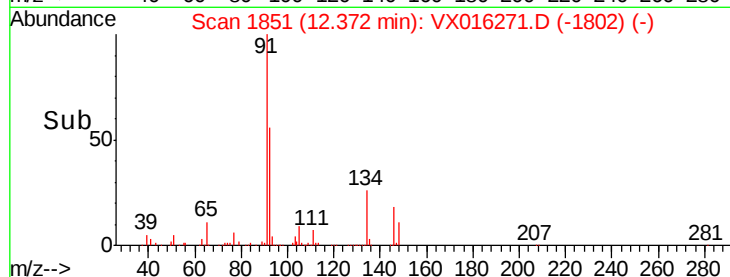
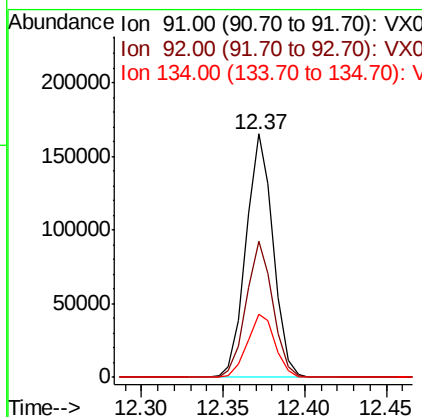
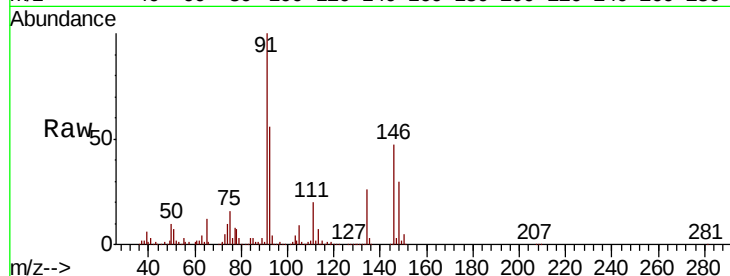




#89
n-Butylbenzene
Concen: 15.778 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

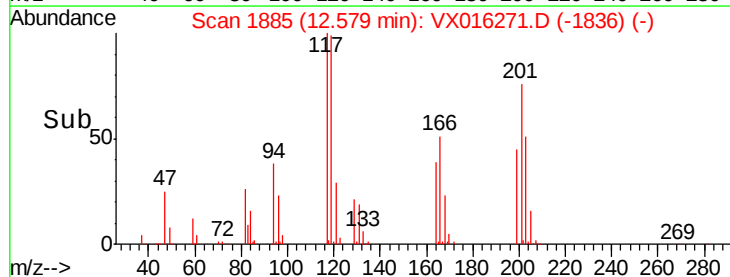
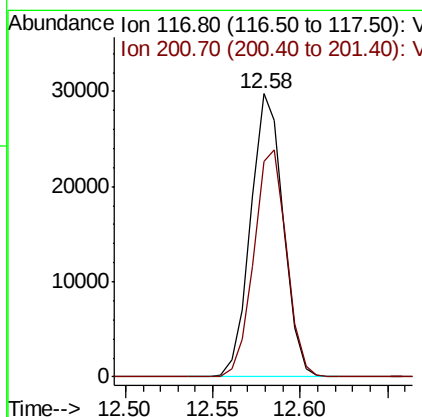
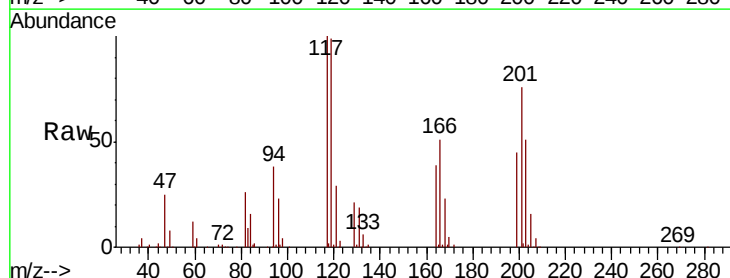
Instrument :
MSVOA_X
ClientSampleId :

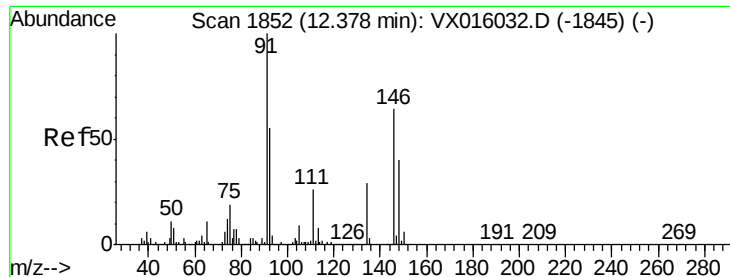
Tot Ion: 91 Resp: 191554
Ion Ratio Lower Upper
91 100
92 55.2 27.6 82.7
134 26.5 13.4 40.1



#90
Hexachloroethane
Concen: 16.992 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion: 117 Resp: 38779
Ion Ratio Lower Upper
117 100
201 80.7 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 17.257 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016271.D

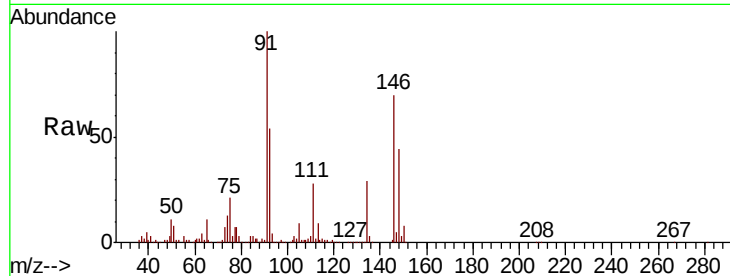
Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	112197
Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.1	63.1
148	64.0	32.4	97.0

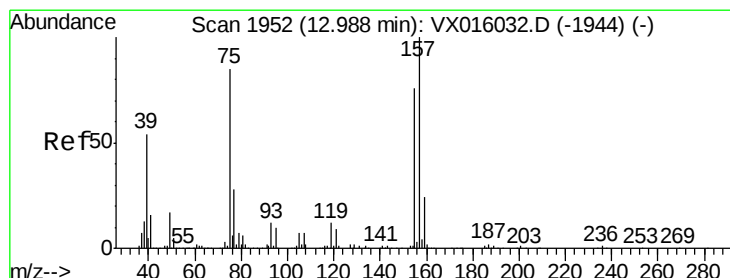
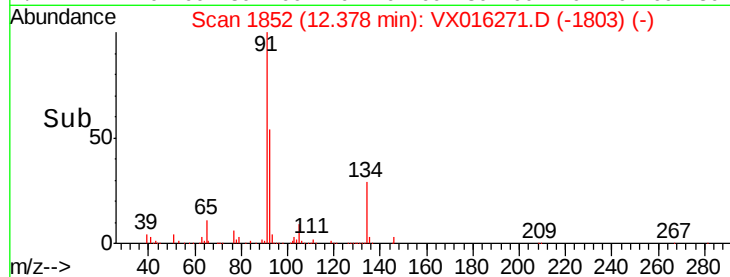
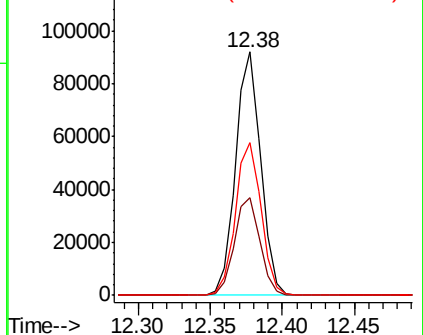


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.070 ug/l

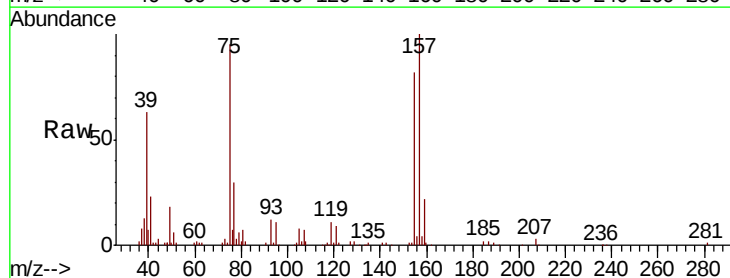
RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion:	75	Resp:	19251
Ion	Ratio	Lower	Upper
75	100		
155	87.0	42.5	127.5
157	114.8	55.3	165.8

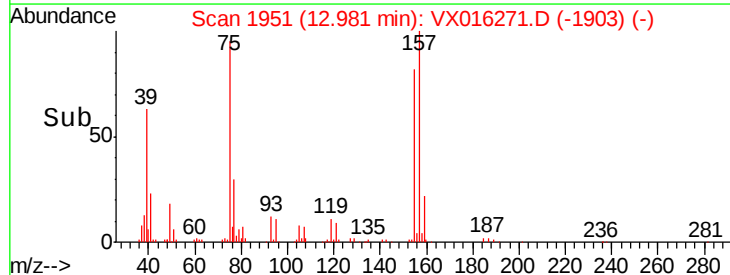
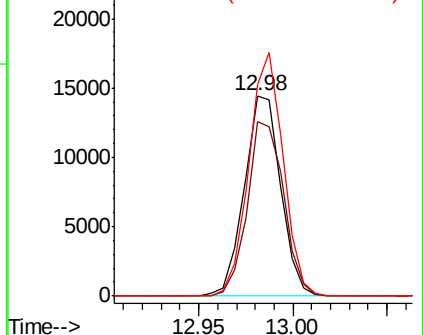


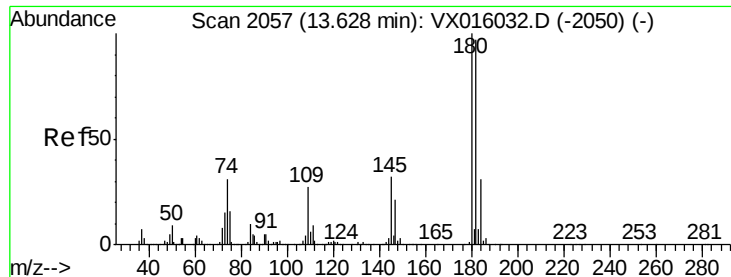
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

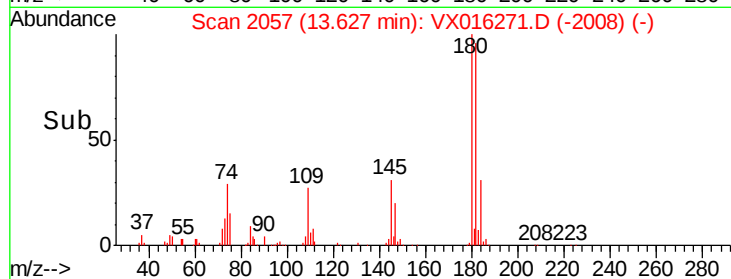
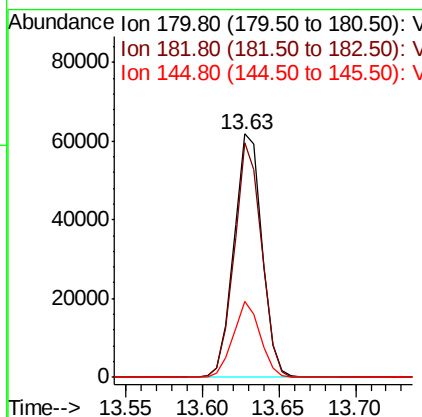
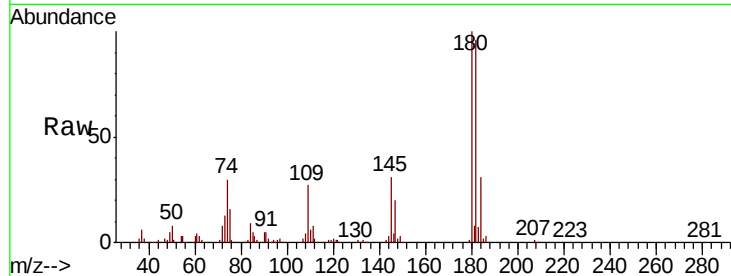




#93
 1,2,4-Trichlorobenzene
 Concen: 16.268 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

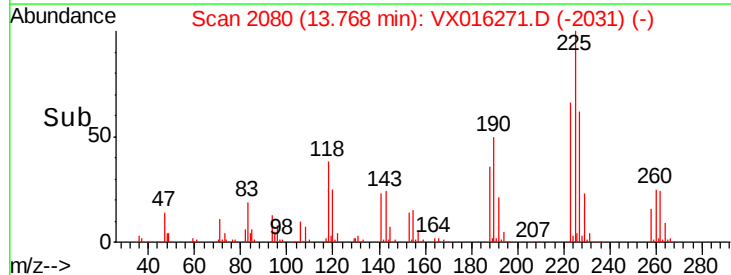
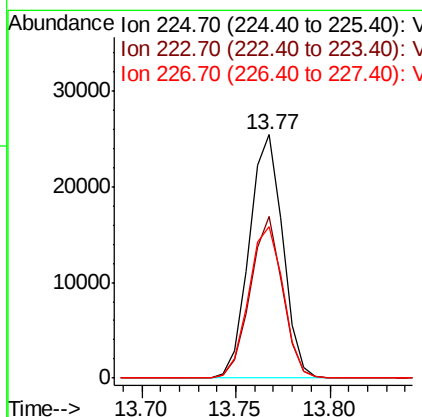
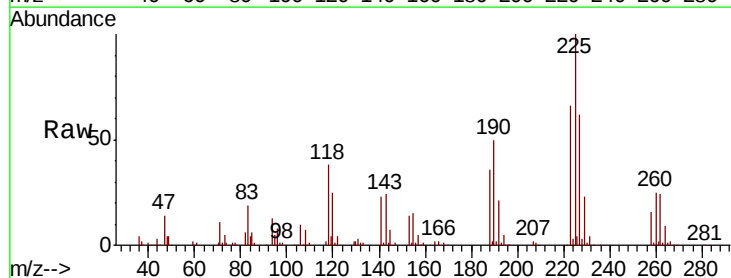
Instrument :
 MSVOA_X
 ClientSampleId :

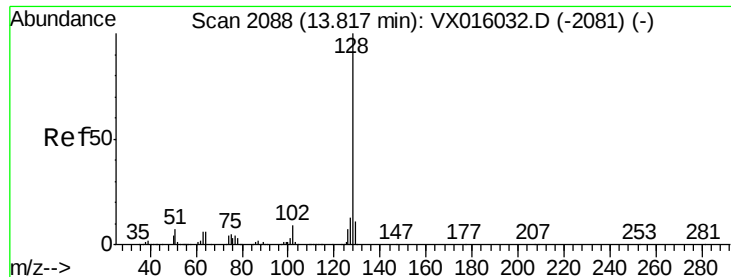
Tot Ion:180 Resp: 78304
 Ion Ratio Lower Upper
 180 100
 182 93.9 48.7 146.1
 145 30.2 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 15.511 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Tgt Ion:225 Resp: 31393
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.3 96.9
 227 64.5 31.8 95.4





#95

Naphthalene

Concen: 16.457 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampled :

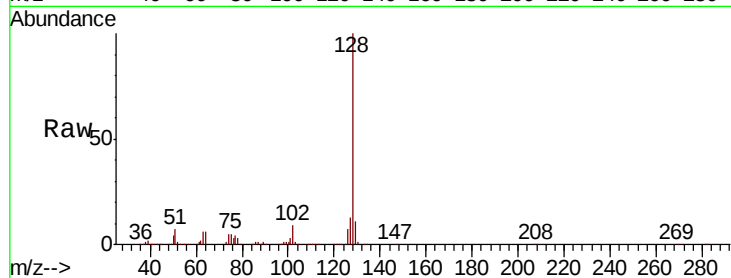
Tot Ion:128 Resp: 256497

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

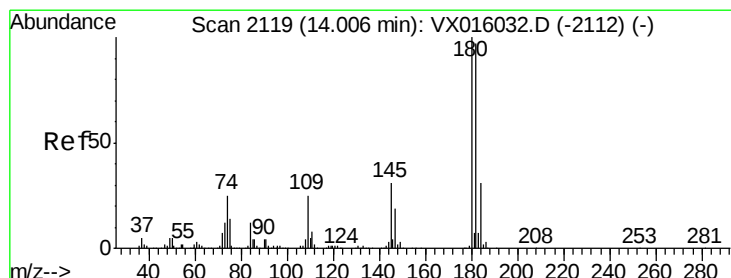
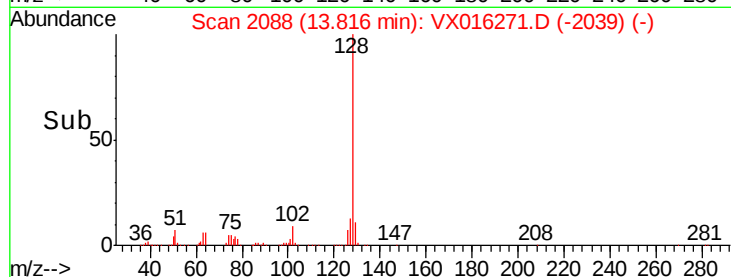
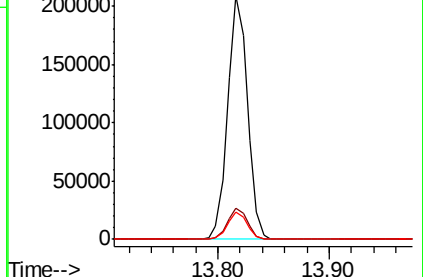
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.678 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

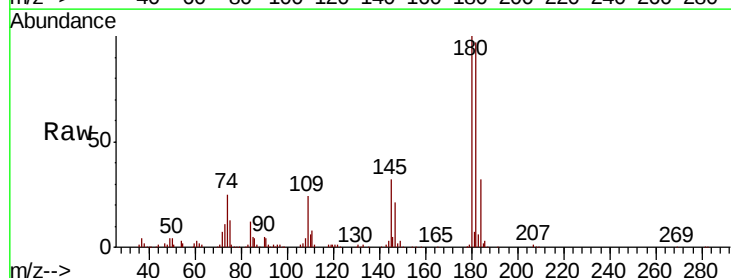
Tgt Ion:180 Resp: 78456

Ion Ratio Lower Upper

180 100

182 94.7 48.4 145.0

145 31.5 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

