

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016378.D
 Acq On : 21 May 2020 13:03
 Operator : JC/SP
 Sample : VX0521WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 07:38:19 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	5.62	168	258655	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	411027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	372206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184815	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	150876	44.33	ug/l	0.00
Spiked Amount			Recovery	=	88.66%	
35) Dibromofluoromethane	5.46	113	128097	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
50) Toluene-d8	8.70	98	493050	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.12	95	186046	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	47448	17.331	ug/l	97
3) Chloromethane	1.31	50	50417	15.857	ug/l	98
4) Vinyl Chloride	1.39	62	57940	17.080	ug/l	100
5) Bromomethane	1.63	94	33130	19.372	ug/l	100
6) Chloroethane	1.71	64	34910	16.914	ug/l	98
7) Trichlorofluoromethane	1.92	101	78106	17.538	ug/l	98
8) Diethyl Ether	2.17	74	31568	16.824	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44286	17.236	ug/l	98
10) Methyl Iodide	2.49	142	36226	10.497	ug/l	99
11) Tert butyl alcohol	3.00	59	62195	72.262	ug/l	100
12) 1,1-Dichloroethene	2.36	96	46837	17.420	ug/l	98
13) Acrolein	2.27	56	44222	82.107	ug/l	98
14) Allyl chloride	2.70	41	77532	15.727	ug/l	94
15) Acrylonitrile	3.11	53	144317	80.827	ug/l	99
16) Acetone	2.42	43	112343	73.975	ug/l	93
17) Carbon Disulfide	2.55	76	130650	16.040	ug/l	99
18) Methyl Acetate	2.75	43	59891	16.039	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	164450	17.742	ug/l	99
20) Methylene Chloride	2.83	84	53856	17.202	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	51777	17.281	ug/l	95
22) Diisopropyl ether	3.82	45	155805	16.752	ug/l	98
23) Vinyl Acetate	3.78	43	667251	81.545	ug/l	97
24) 1,1-Dichloroethane	3.67	63	90869	17.466	ug/l	98
25) 2-Butanone	4.63	43	190118	77.688	ug/l	96
26) 2,2-Dichloropropane	4.55	77	82867	17.440	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	59254	18.089	ug/l	95
28) Bromochloromethane	4.98	49	37994	16.015	ug/l	91
29) Tetrahydrofuran	5.09	42	125016	77.098	ug/l	93
30) Chloroform	5.17	83	93391	18.028	ug/l	98
31) Cyclohexane	5.55	56	80026	16.925	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	83865	17.811	ug/l	98
36) 1,1-Dichloropropene	5.76	75	69225	17.110	ug/l	99
37) Ethyl Acetate	4.79	43	73719	15.720	ug/l	97
38) Carbon Tetrachloride	5.75	117	74030	18.001	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	77495	15.905	ug/l	97
40) Benzene	6.11	78	215376	18.193	ug/l	100
41) Methacrylonitrile	5.00	41	39687	15.671	ug/l	95
42) 1,2-Dichloroethane	6.16	62	72531	17.008	ug/l	98
43) Isopropyl Acetate	6.41	43	119538	15.976	ug/l	96
44) Trichloroethene	7.19	130	69712	16.575	ug/l	97
45) 1,2-Dichloropropane	7.49	63	54569	18.217	ug/l	98
46) Dibromomethane	7.63	93	36047	17.708	ug/l	97
47) Bromodichloromethane	7.87	83	74529	17.976	ug/l	97
48) Methyl methacrylate	7.74	41	55567	15.673	ug/l	93
49) 1,4-Dioxane	7.71	88	25205	296.424	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	371128	81.057	ug/l	96
52) Toluene	8.76	92	139308	18.879	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	86222	17.442	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	92903	17.993	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	54055	18.619	ug/l	98
56) Ethyl methacrylate	9.16	69	85555	18.054	ug/l	90
57) 1,3-Dichloropropane	9.35	76	93711	18.499	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	204412	81.023	ug/l	98
59) 2-Hexanone	9.47	43	285044	79.274	ug/l	95
60) Dibromochloromethane	9.57	129	59364	18.566	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57306	18.223	ug/l	100
64) Tetrachloroethene	9.32	164	78899	17.267	ug/l	96
65) Chlorobenzene	10.12	112	147065	18.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	54514	18.925	ug/l	99
67) Ethyl Benzene	10.23	91	258312	18.576	ug/l	100
68) m/p-Xylenes	10.34	106	198775	38.153	ug/l	99
69) o-Xylene	10.68	106	95178	19.005	ug/l	98
70) Styrene	10.70	104	158820	18.693	ug/l	99
71) Bromoform	10.84	173	43697	18.619	ug/l #	100
73) Isopropylbenzene	11.00	105	247882	18.440	ug/l	99
74) N-amyl acetate	10.88	43	100922	16.096	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	58921	24.542	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	99276	23.672	ug/l	84
77) Bromobenzene	11.24	156	62637	18.053	ug/l	98
78) n-propylbenzene	11.34	91	274983	17.584	ug/l	99
79) 2-Chlorotoluene	11.40	91	167607	18.157	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	206141	18.163	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	29301	16.650	ug/l	96
82) 4-Chlorotoluene	11.49	91	195407	17.927	ug/l	99
83) tert-Butylbenzene	11.76	119	173353	17.723	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	207964	18.124	ug/l	100
85) sec-Butylbenzene	11.93	105	213505	16.167	ug/l	100
86) p-Isopropyltoluene	12.05	119	201482	16.432	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	108316	17.386	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	112639	17.813	ug/l	99
89) n-Butylbenzene	12.37	91	163822	14.625	ug/l	99
90) Hexachloroethane	12.58	117	34331	16.303	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	108320	18.057	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17754	16.062	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	67620	15.225	ug/l	100
94) Hexachlorobutadiene	13.76	225	25798	13.872	ug/l	99
95) Naphthalene	13.82	128	235959	16.408	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	64561	14.874	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

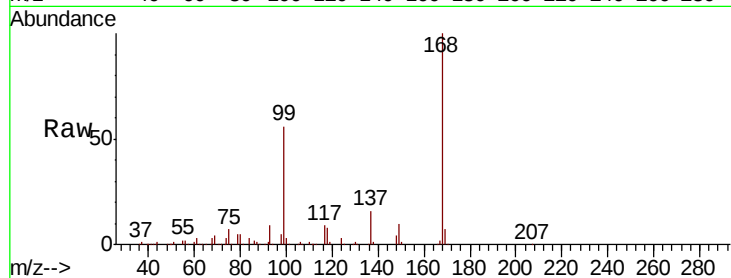
ClientSampleId :

Tot Ion:168 Resp: 258655

Ion Ratio Lower Upper

168 100

99 56.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

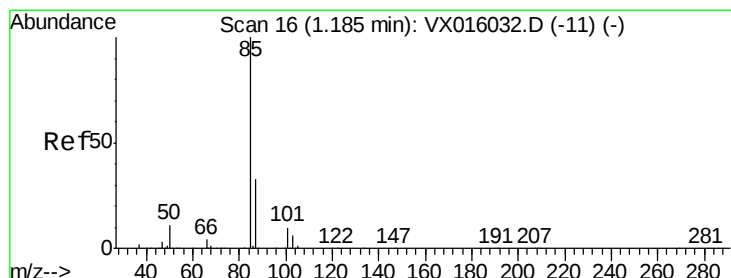
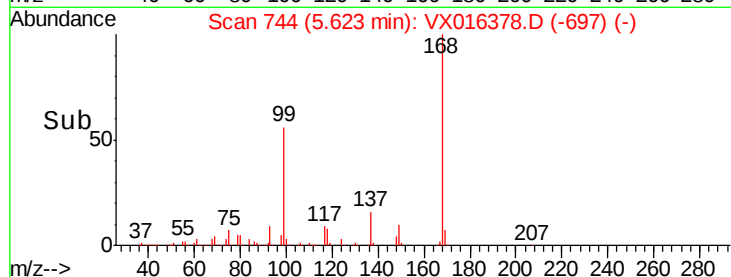
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.331 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016378.D

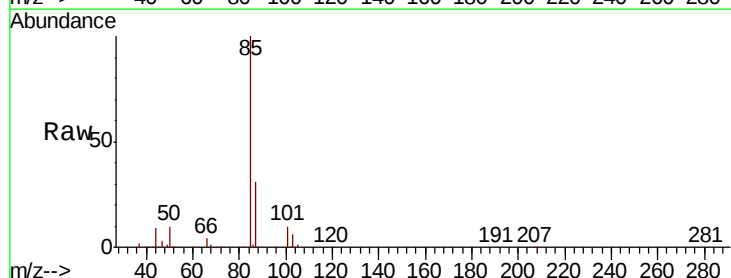
Acq: 21 May 2020 13:03

Tgt Ion: 85 Resp: 47448

Ion Ratio Lower Upper

85 100

87 31.0 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

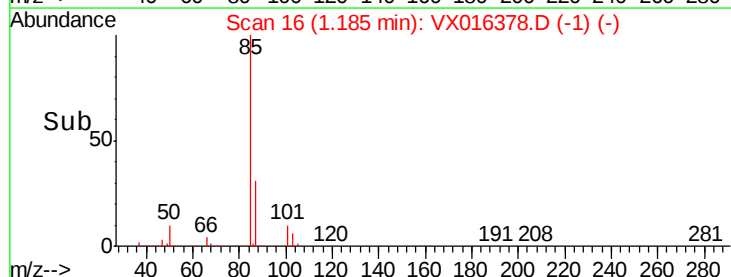
30000

20000

10000

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Time-->





#3

Chloromethane

Concen: 15.857 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

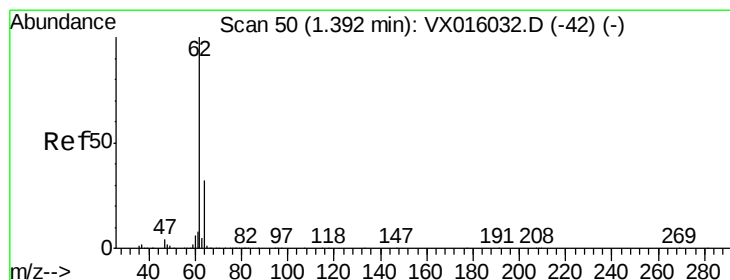
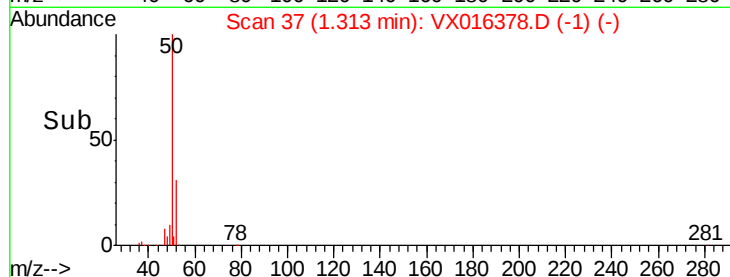
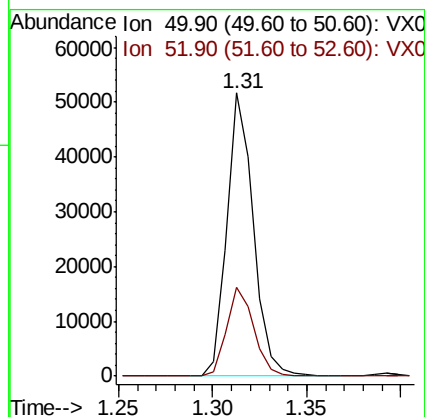
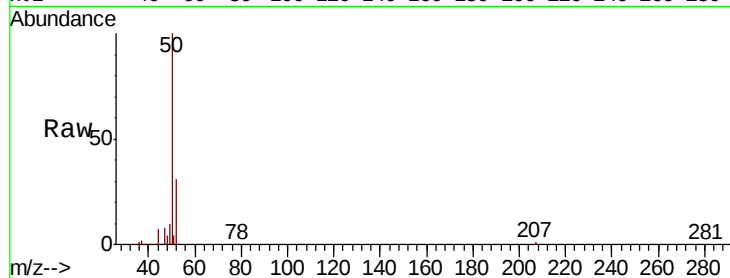
ClientSampleId :

Tot Ion: 50 Resp: 50417

Ion Ratio Lower Upper

50 100

52 31.5 26.1 39.1



#4

Vinyl Chloride

Concen: 17.080 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016378.D

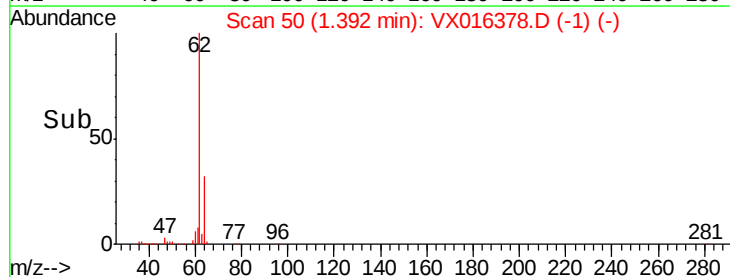
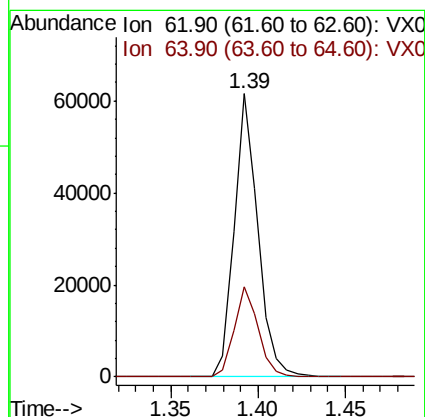
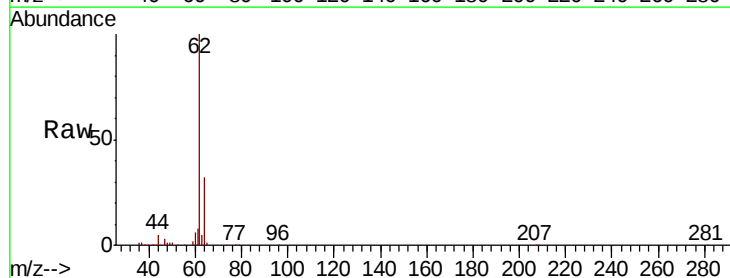
Acq: 21 May 2020 13:03

Tgt Ion: 62 Resp: 57940

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 19.372 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

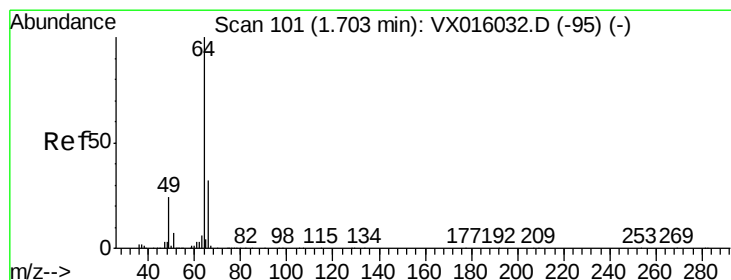
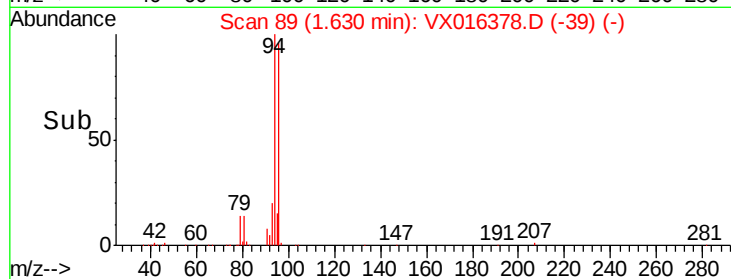
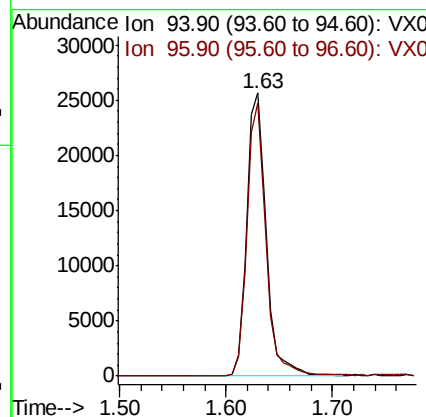
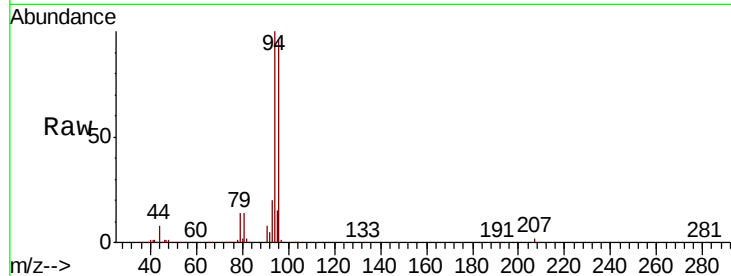
ClientSampleId :

Tot Ion: 94 Resp: 33130

Ion Ratio Lower Upper

94 100

96 96.2 76.9 115.3



#6

Chloroethane

Concen: 16.914 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016378.D

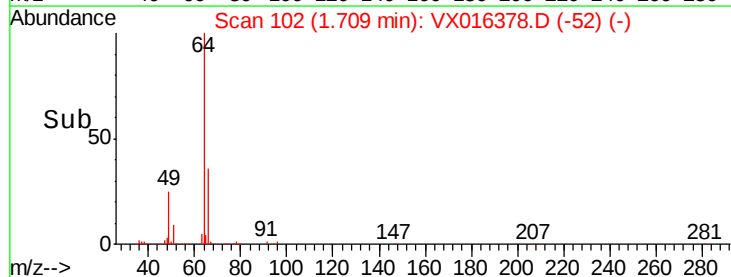
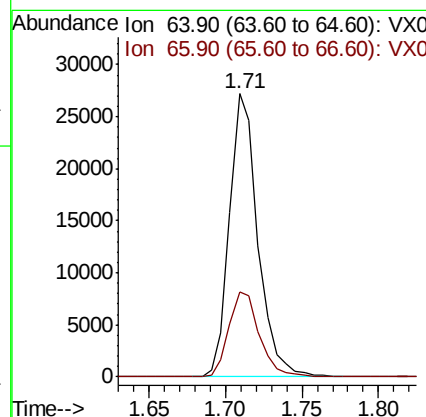
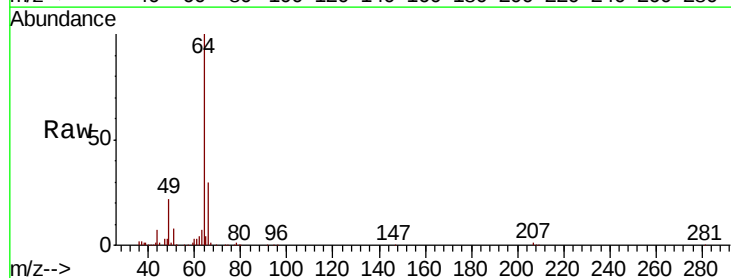
Acq: 21 May 2020 13:03

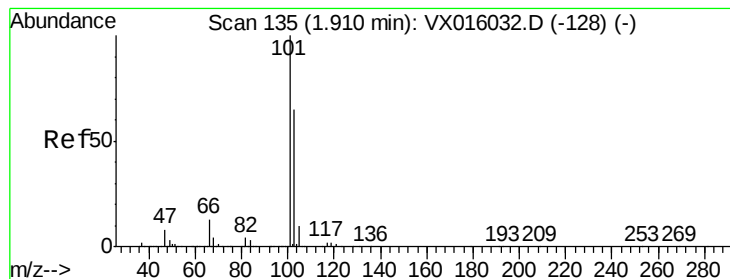
Tgt Ion: 64 Resp: 34910

Ion Ratio Lower Upper

64 100

66 30.2 25.2 37.8



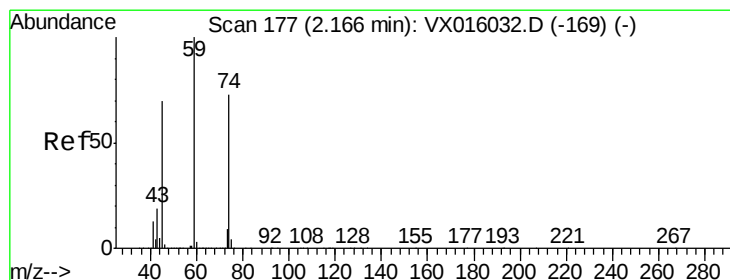
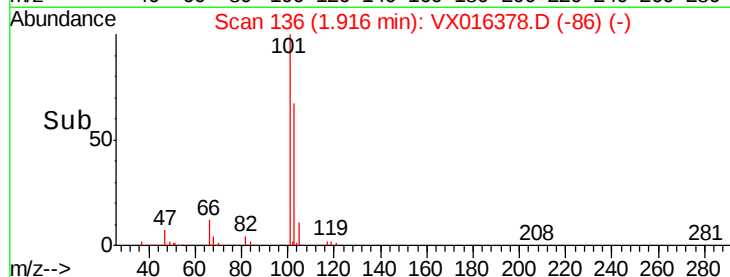
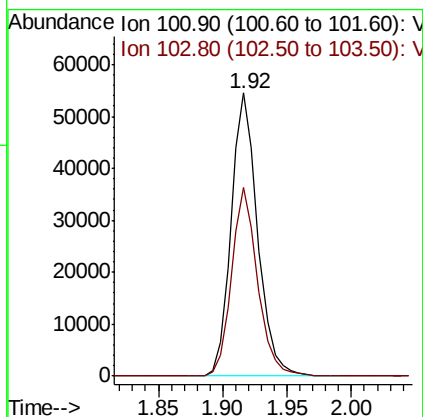
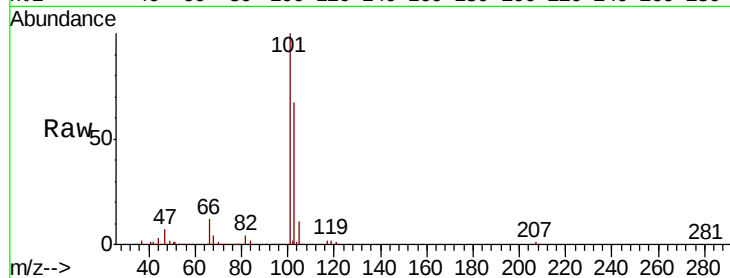


#7

Trichlorofluoromethane
Concen: 17.538 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
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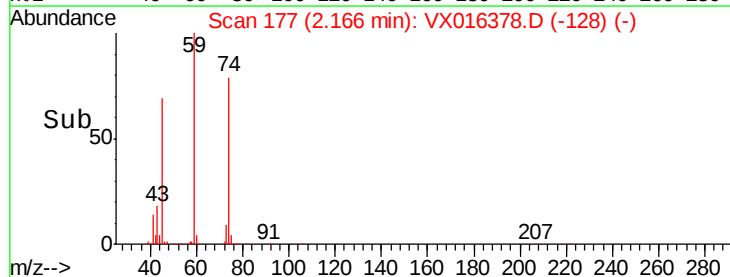
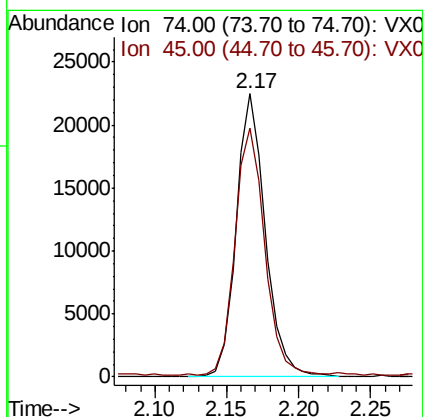
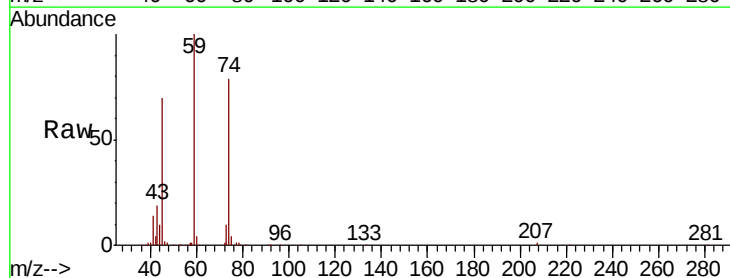
Tot Ion:101 Resp: 78106
Ion Ratio Lower Upper
101 100
103 66.6 51.8 77.6

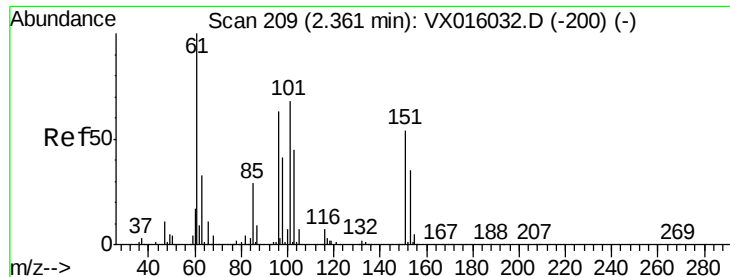


#8

Diethyl Ether
Concen: 16.824 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion: 74 Resp: 31568
Ion Ratio Lower Upper
74 100
45 89.7 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.236 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

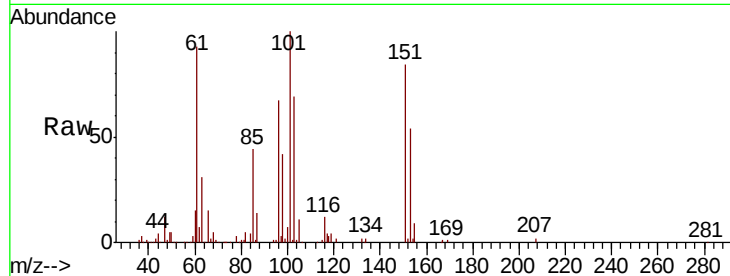
Tot Ion:101 Resp: 44286

Ion Ratio Lower Upper

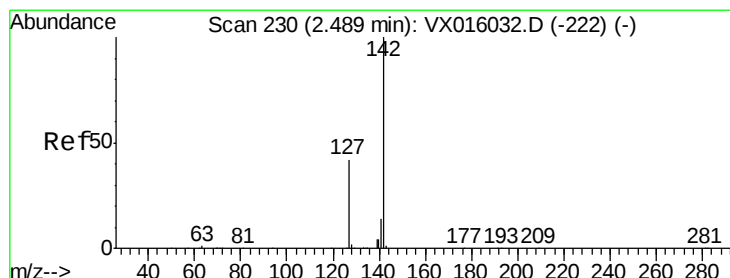
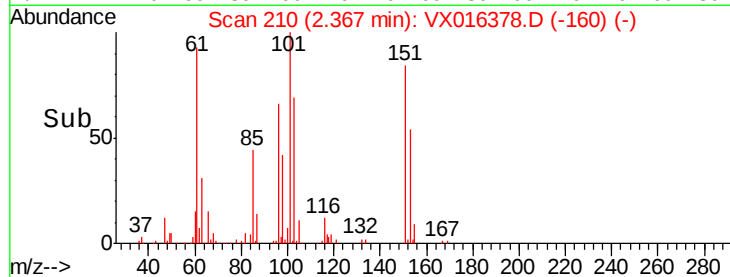
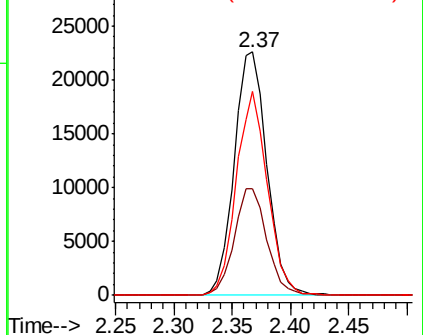
101 100

85 43.7 34.2 51.4

151 79.6 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: 10.497 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

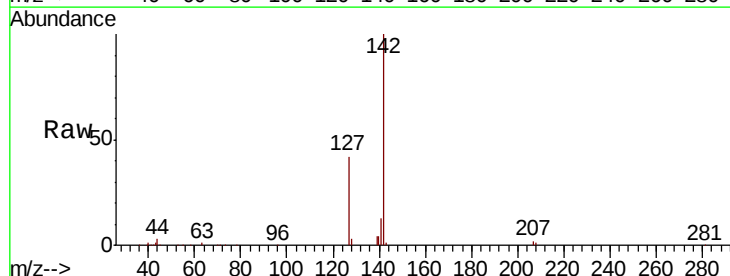
Tgt Ion:142 Resp: 36226

Ion Ratio Lower Upper

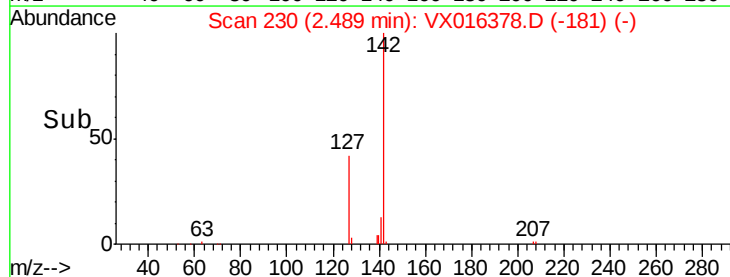
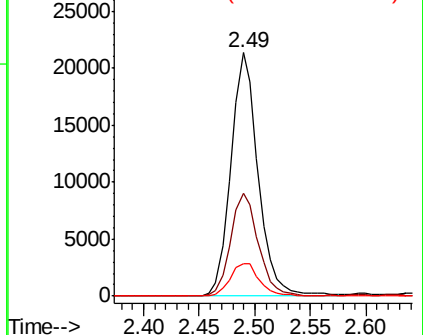
142 100

127 43.0 34.6 52.0

141 14.4 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



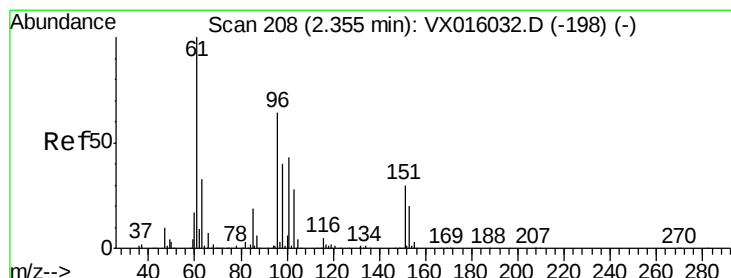
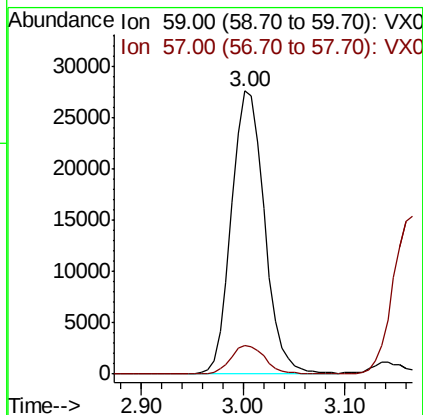
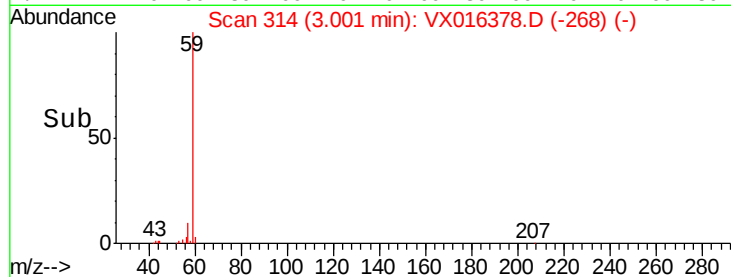
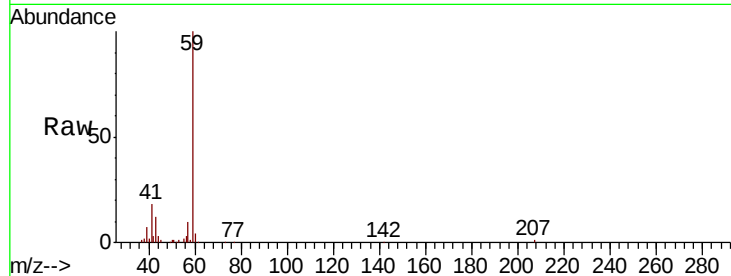


#11

Tert butyl alcohol
 Concen: 72.262 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :

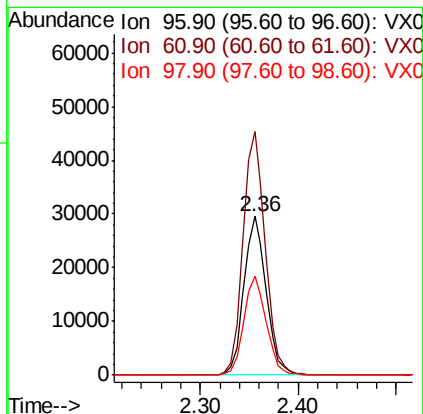
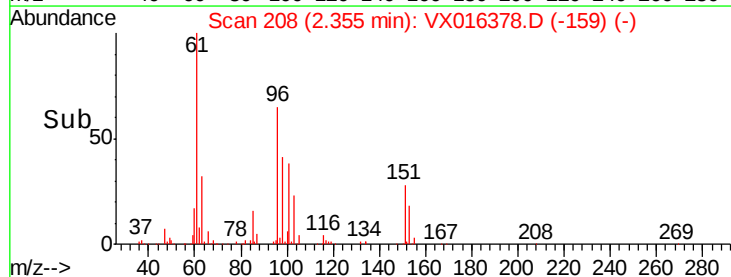
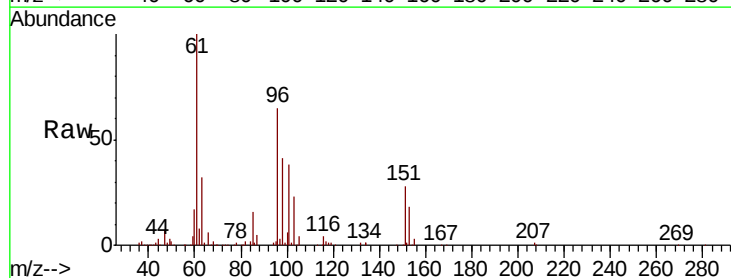
Tot Ion: 59 Resp: 62195
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 17.420 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion: 96 Resp: 46837
 Ion Ratio Lower Upper
 96 100
 61 153.4 124.8 187.2
 98 62.4 49.7 74.5

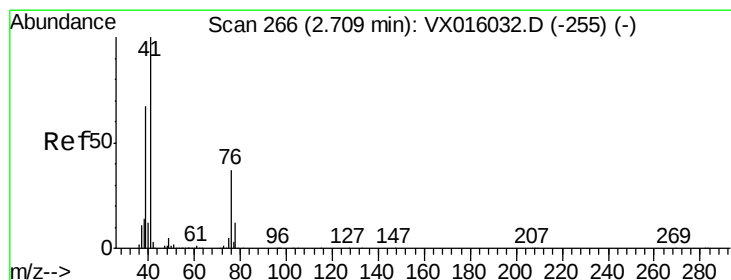
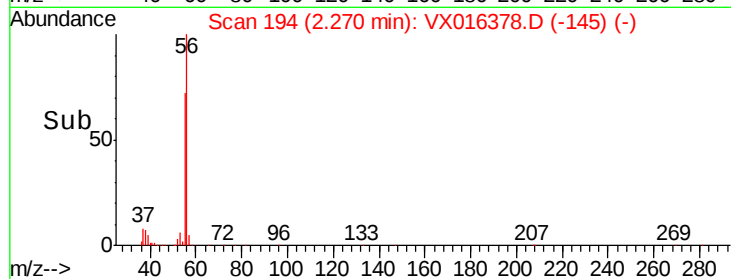
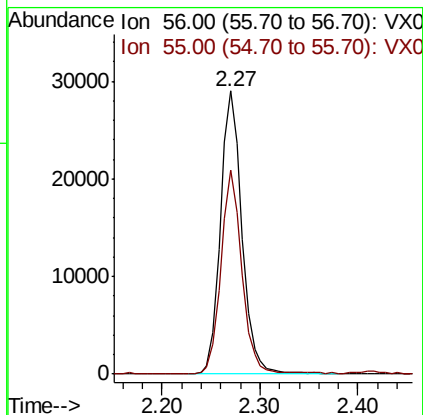
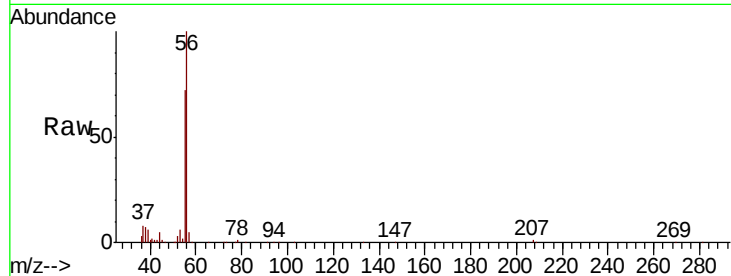




#13
Acrolein
Concen: 82.107 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

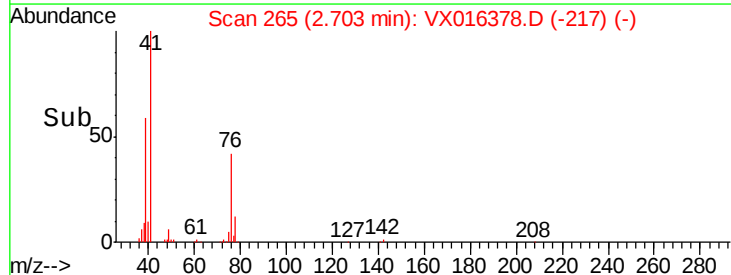
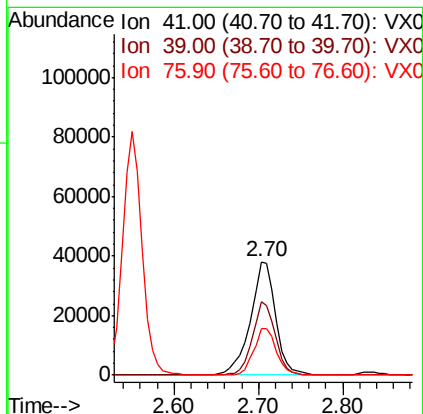
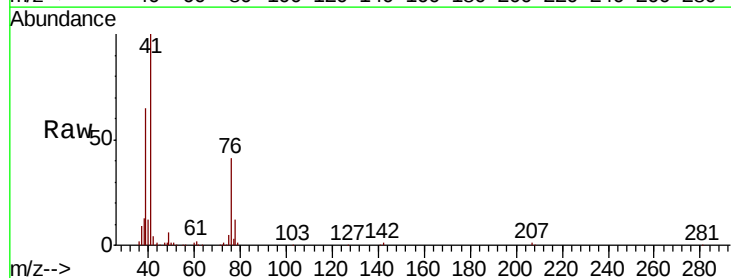
Instrument :
MSVOA_X
ClientSampleId :

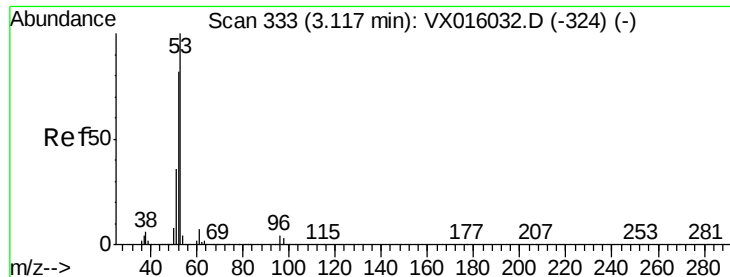
Tot Ion: 56 Resp: 44222
Ion Ratio Lower Upper
56 100
55 68.9 56.5 84.7



#14
Allyl chloride
Concen: 15.727 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion: 41 Resp: 77532
Ion Ratio Lower Upper
41 100
39 58.5 50.5 75.7
76 36.9 26.6 40.0





#15

Acrylonitrile

Concen: 80.827 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

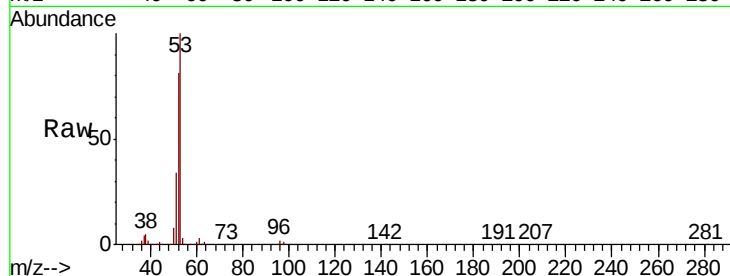
Tot Ion: 53 Resp: 144317

Ion Ratio Lower Upper

53 100

52 81.7 66.1 99.1

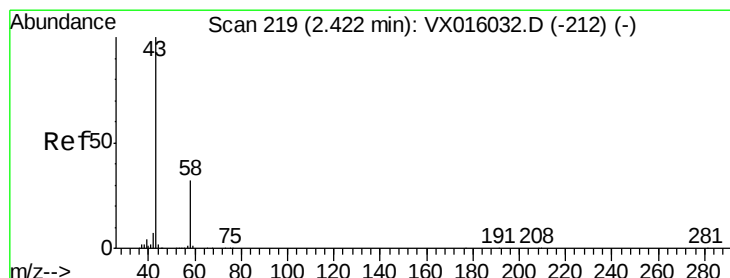
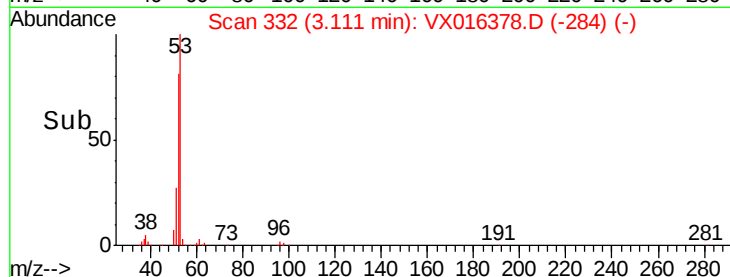
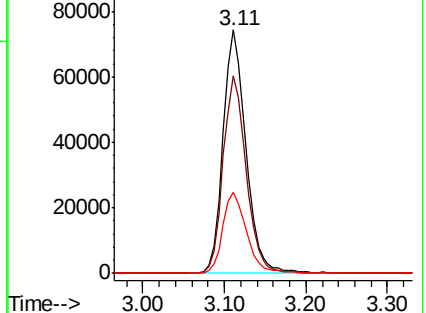
51 34.7 28.8 43.2



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: 73.975 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016378.D

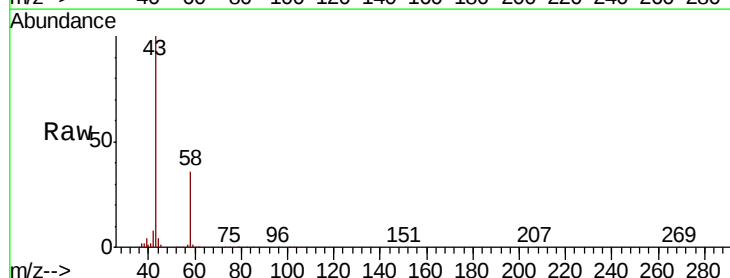
Acq: 21 May 2020 13:03

Tgt Ion: 43 Resp: 112343

Ion Ratio Lower Upper

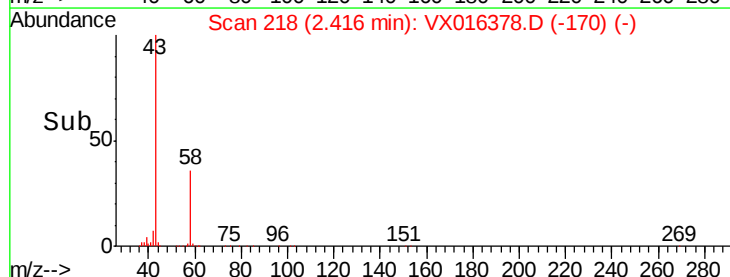
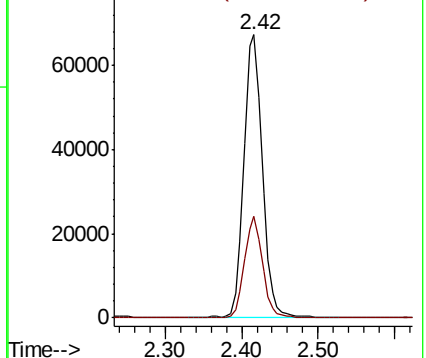
43 100

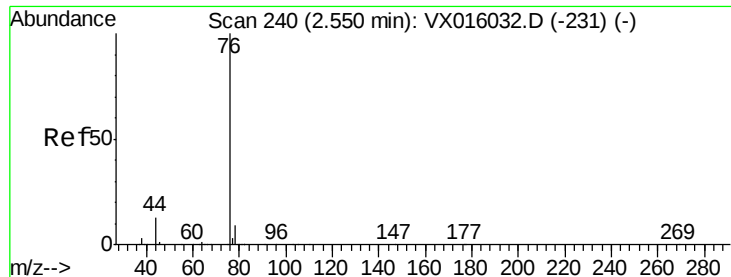
58 35.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.040 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

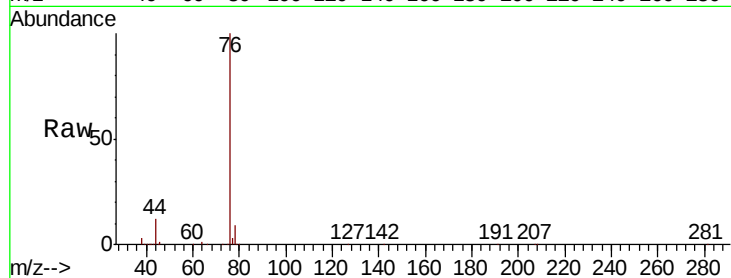
ClientSampleId :

Tot Ion: 76 Resp: 130650

Ion Ratio Lower Upper

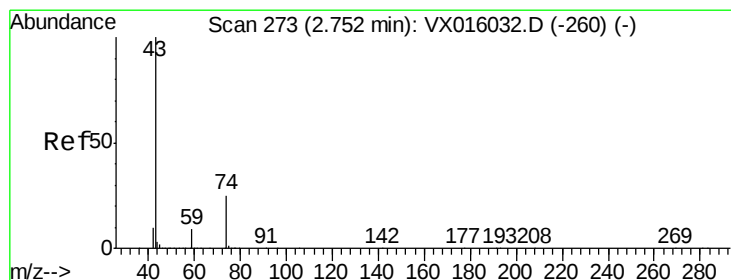
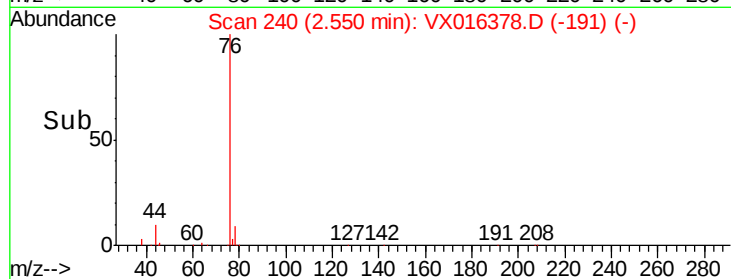
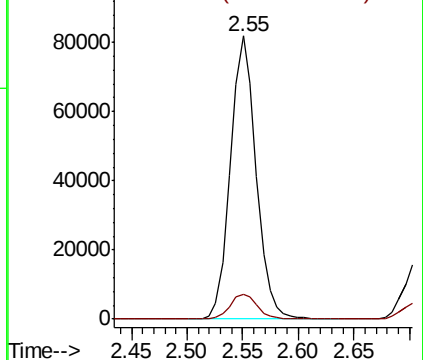
76 100

78 8.9 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: 16.039 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016378.D

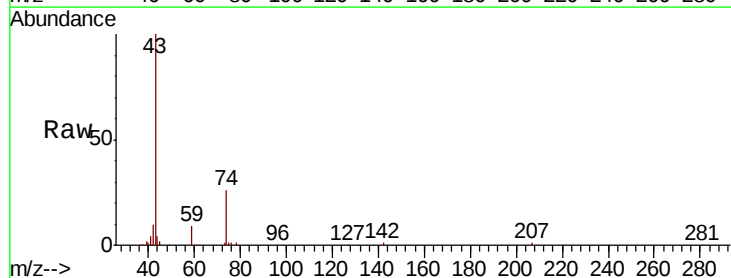
Acq: 21 May 2020 13:03

Tgt Ion: 43 Resp: 59891

Ion Ratio Lower Upper

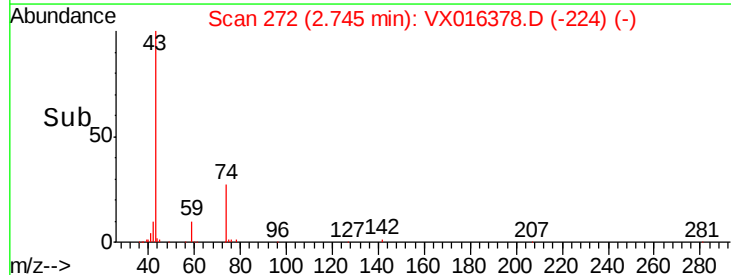
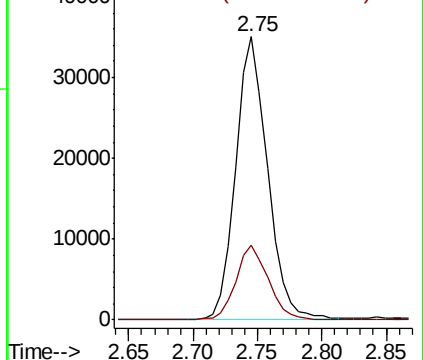
43 100

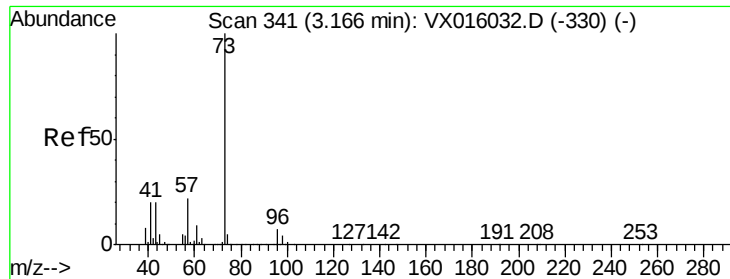
74 27.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



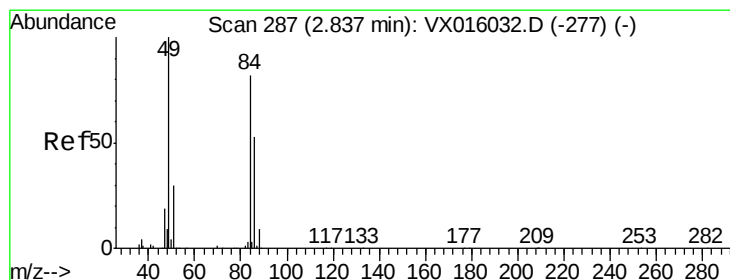
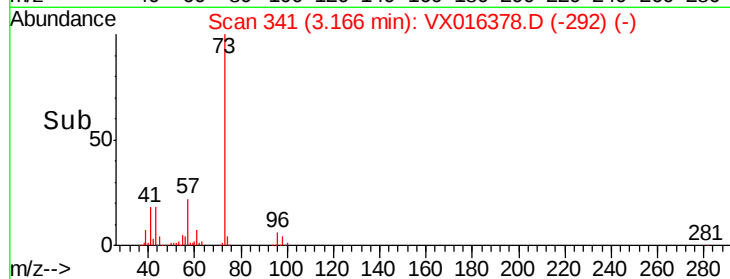
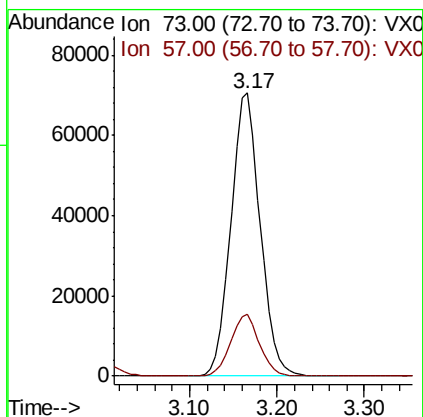
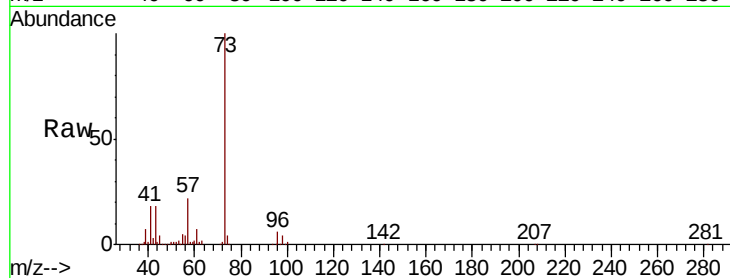


#19

Methyl tert-butyl Ether
 Concen: 17.742 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :

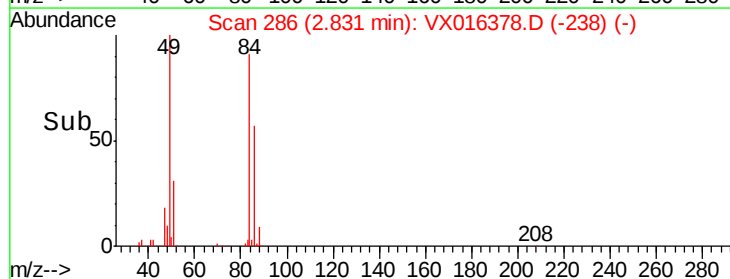
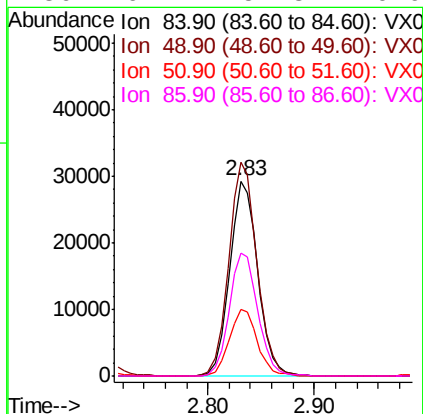
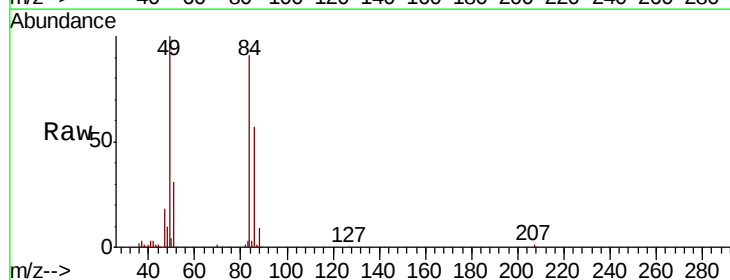
Tot Ion: 73 Resp: 164450
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.6



#20

Methylene Chloride
 Concen: 17.202 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion: 84 Resp: 53856
 Ion Ratio Lower Upper
 84 100
 49 109.5 97.3 145.9
 51 34.2 29.3 43.9
 86 62.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.281 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

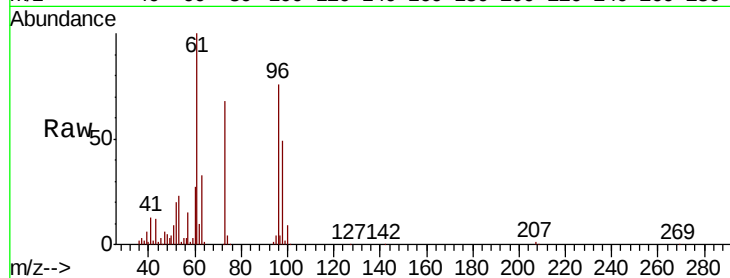
Tot Ion: 96 Resp: 51777

Ion Ratio Lower Upper

96 100

61 130.8 111.2 166.8

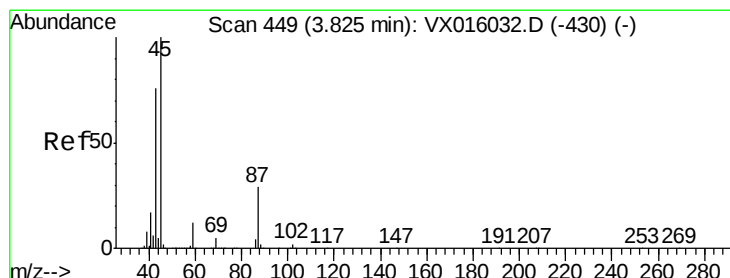
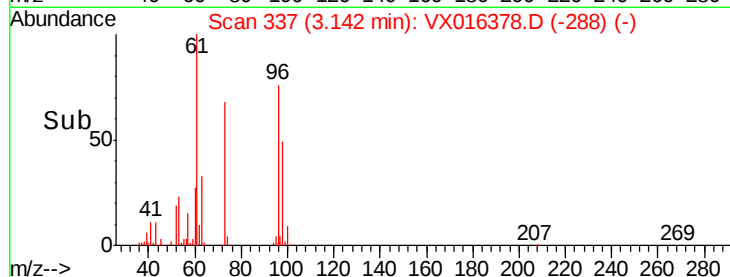
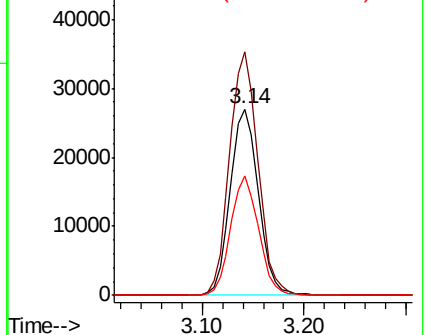
98 64.3 50.2 75.4



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: 16.752 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Tgt Ion: 45 Resp: 155805

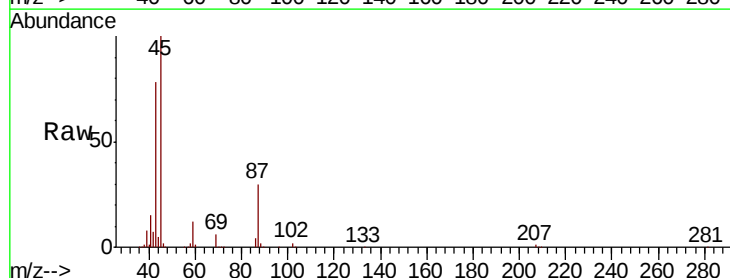
Ion Ratio Lower Upper

45 100

43 78.3 61.1 91.7

87 30.3 23.0 34.6

59 12.3 9.8 14.6

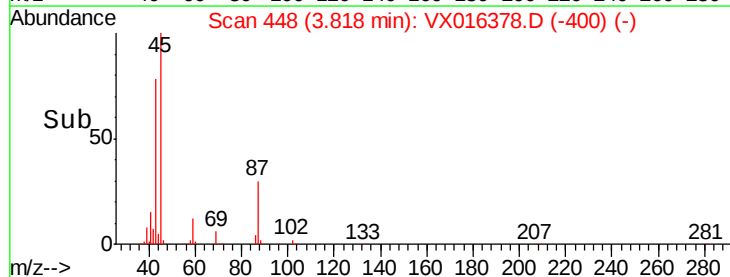
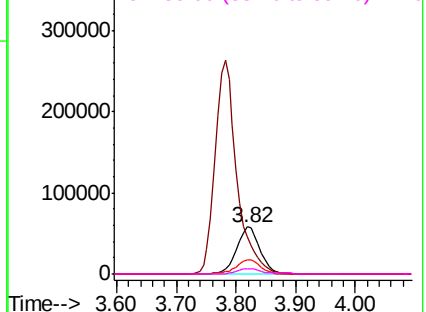


Abundance Ion 45.00 (44.70 to 45.70): VX0

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

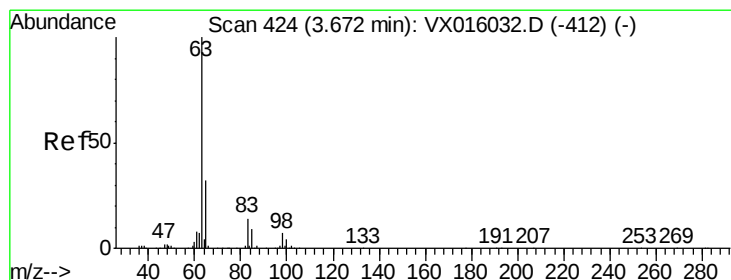
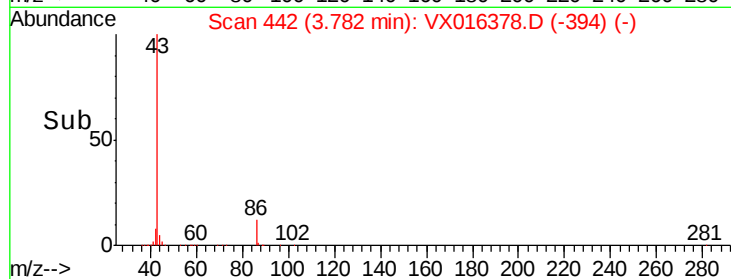
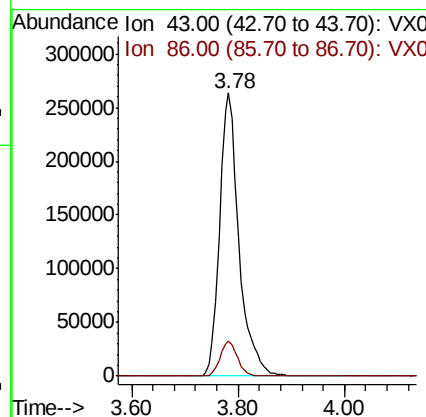
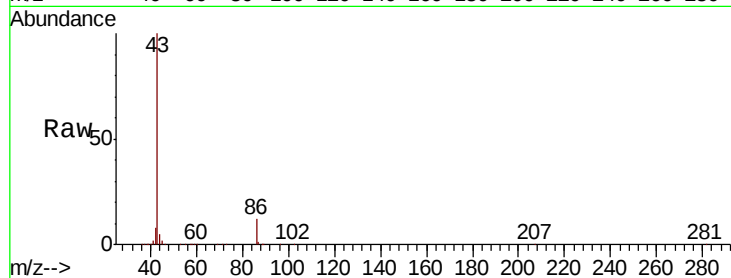




#23
 Vinyl Acetate
 Concen: 81.545 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

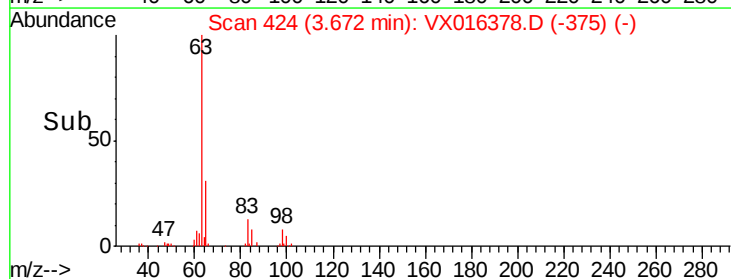
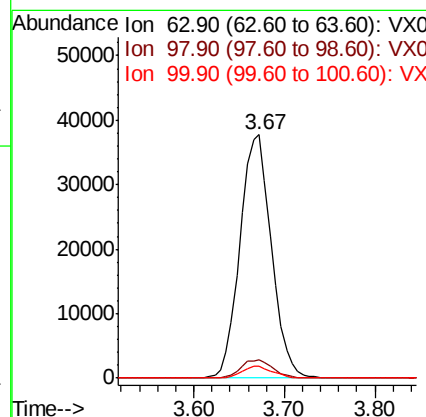
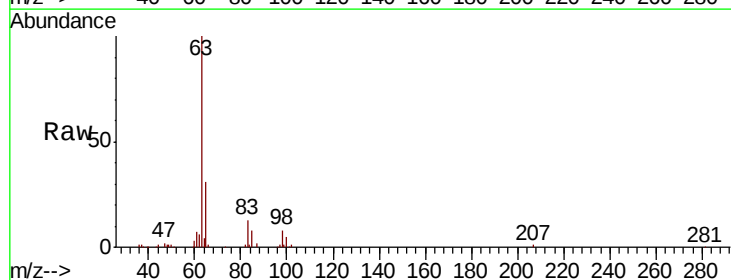
Instrument :
 MSVOA_X
 ClientSampleId :

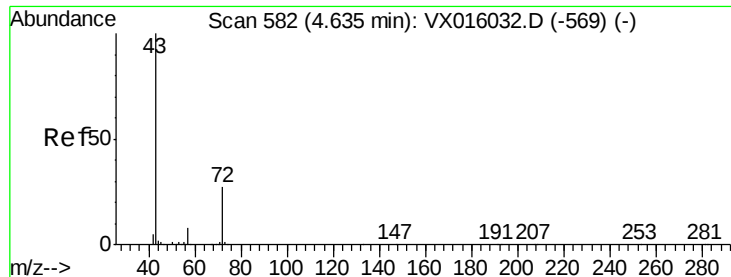
Tot Ion: 43 Resp: 667251
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 17.466 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion: 63 Resp: 90869
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 77.688 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

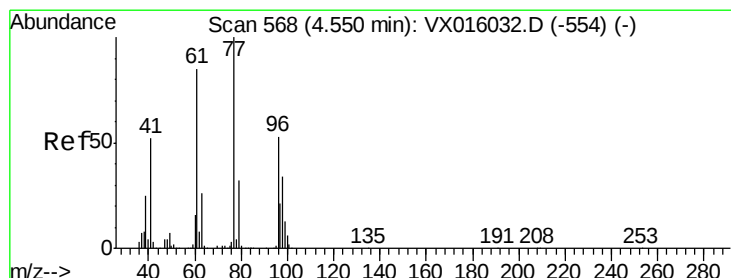
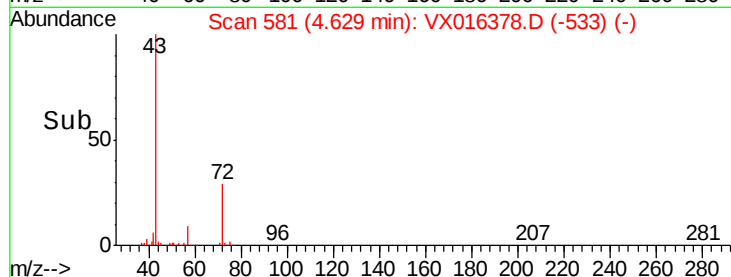
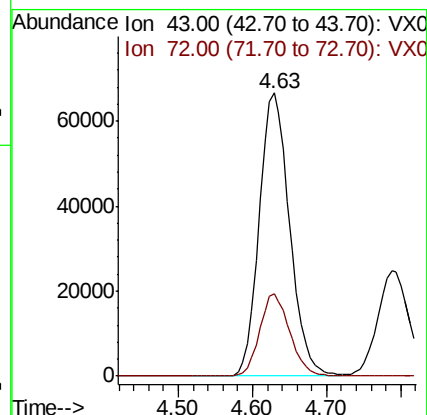
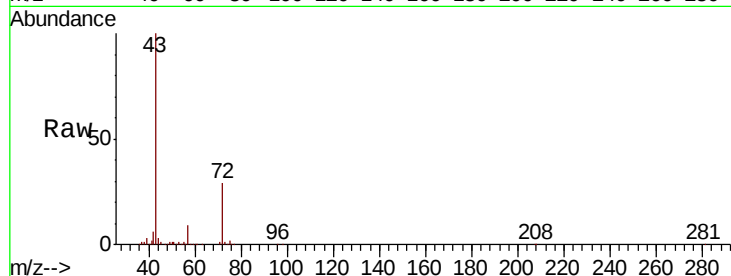
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 190118

Ion Ratio Lower Upper

43 100

72 29.2 21.8 32.8



#26

2,2-Dichloropropane

Concen: 17.440 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016378.D

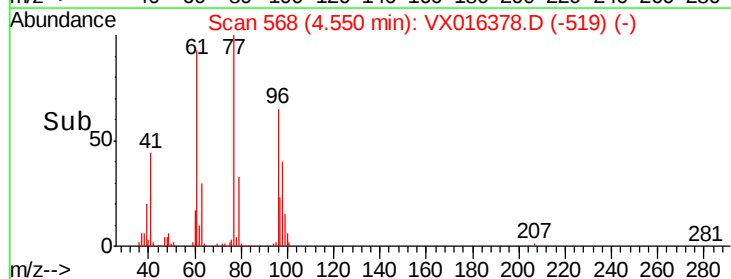
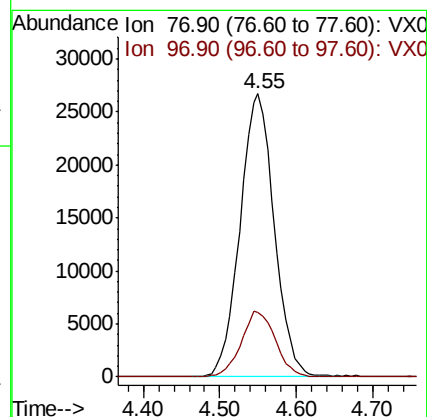
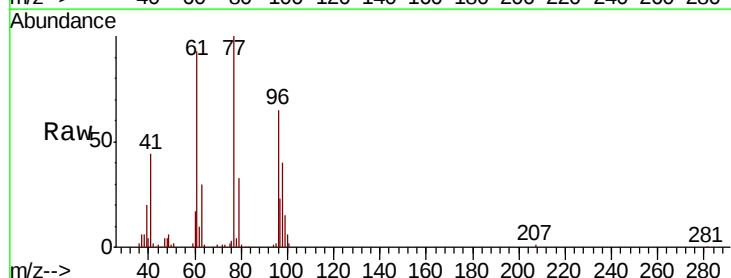
Acq: 21 May 2020 13:03

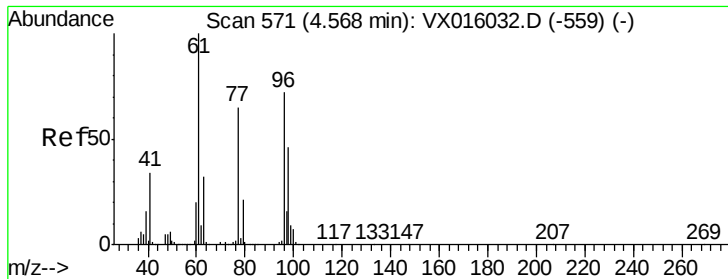
Tgt Ion: 77 Resp: 82867

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.6



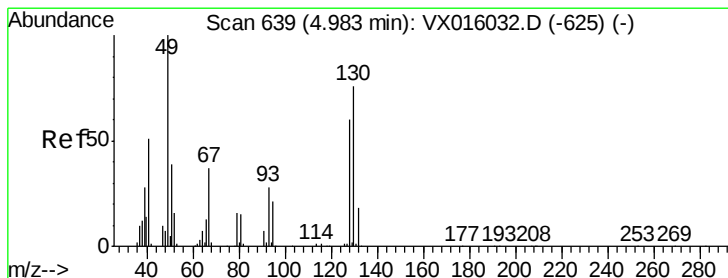
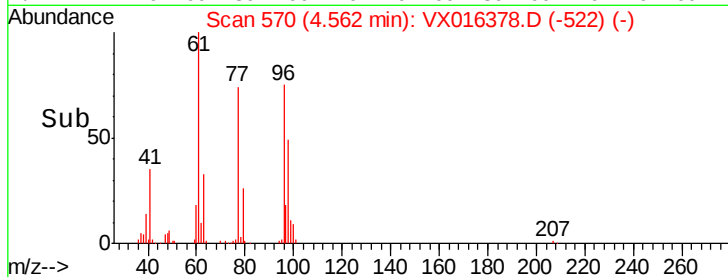
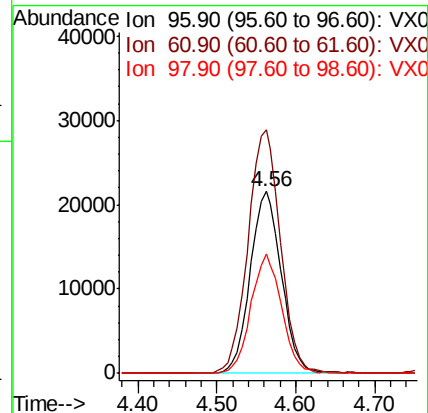
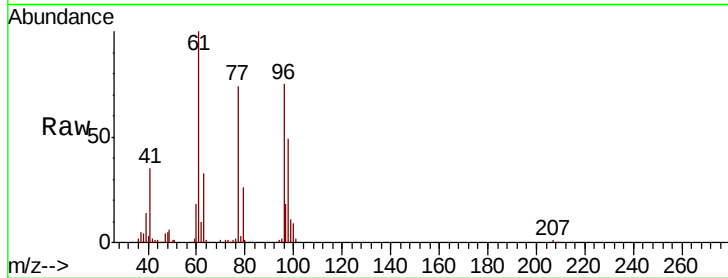


#27

cis-1,2-Dichloroethene
Concen: 18.089 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

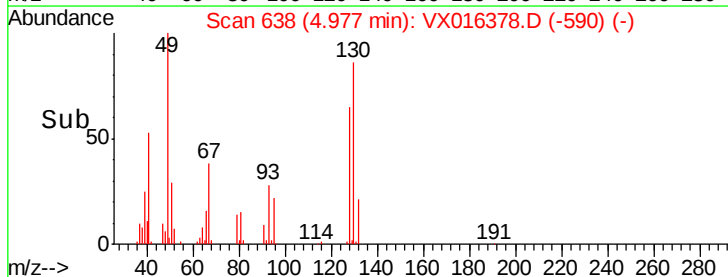
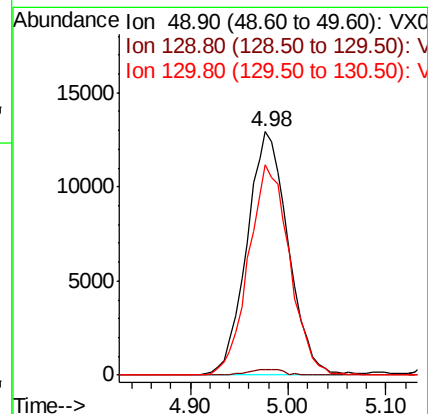
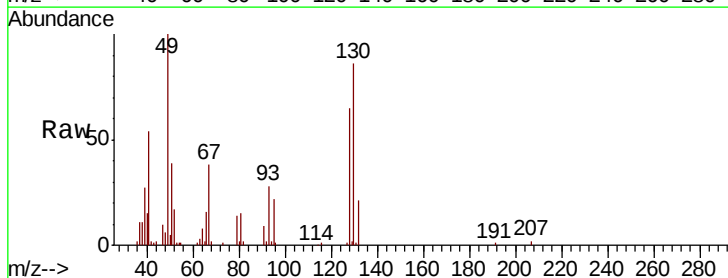
Tot Ion	96	Resp	59254
Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	296.2
98	64.5	0.0	129.4

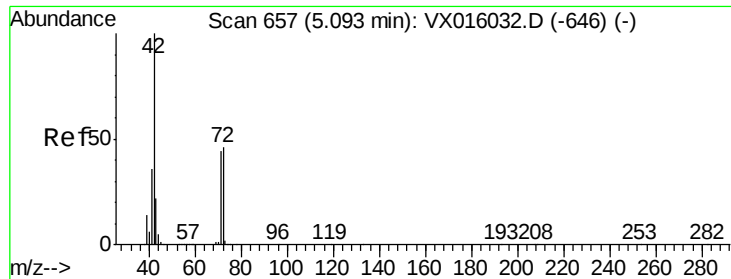


#28

Bromochloromethane
Concen: 16.015 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	49	Resp	37994
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	85.8	62.4	93.6

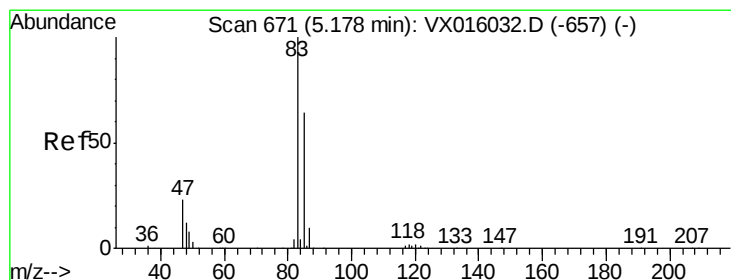
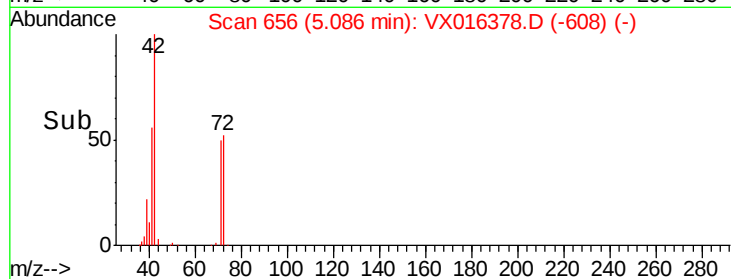
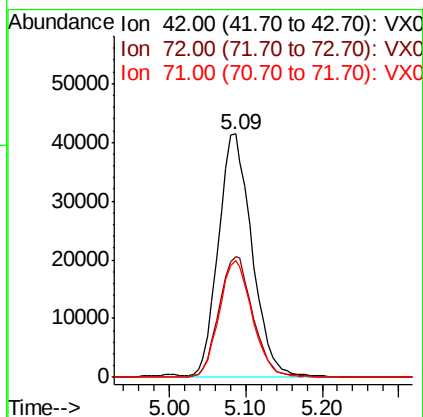
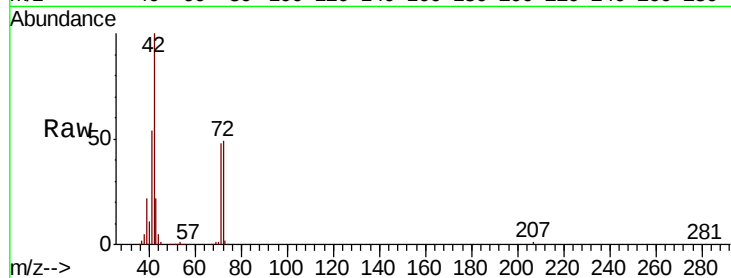




#29
Tetrahydrofuran
Concen: 77.098 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

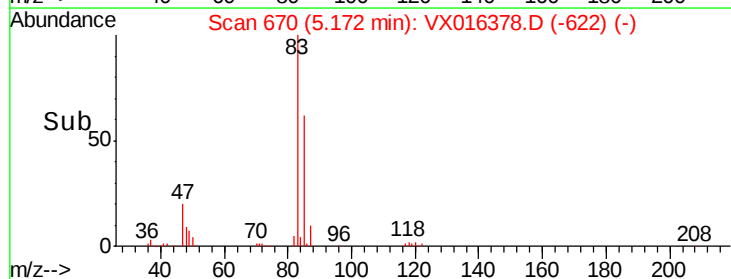
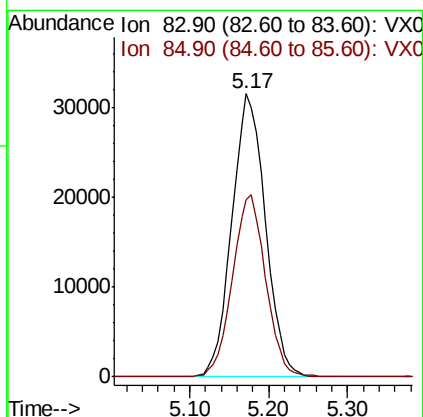
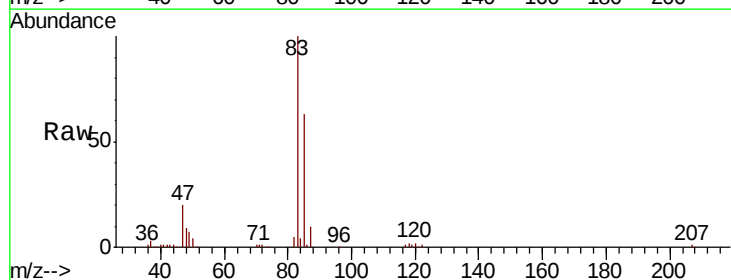
Instrument :
MSVOA_X
ClientSampleId :

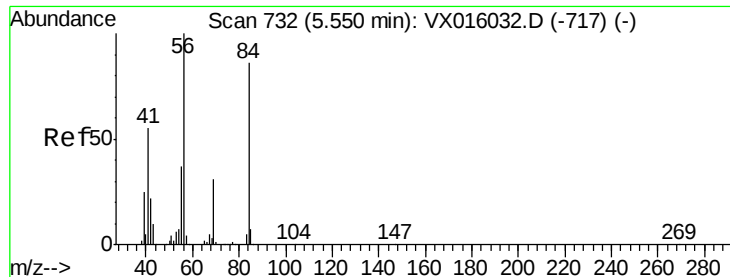
Tot Ion: 42 Resp: 125016
Ion Ratio Lower Upper
42 100
72 50.9 37.1 55.7
71 47.6 34.5 51.7



#30
Chloroform
Concen: 18.028 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion: 83 Resp: 93391
Ion Ratio Lower Upper
83 100
85 62.7 51.6 77.4

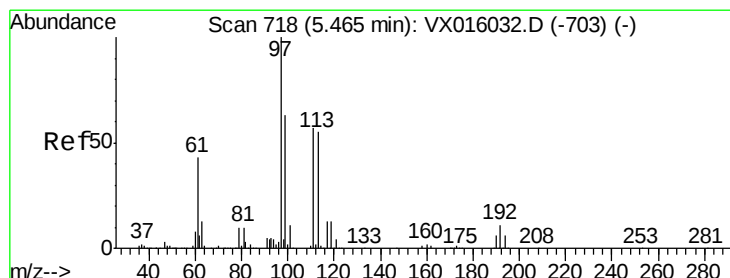
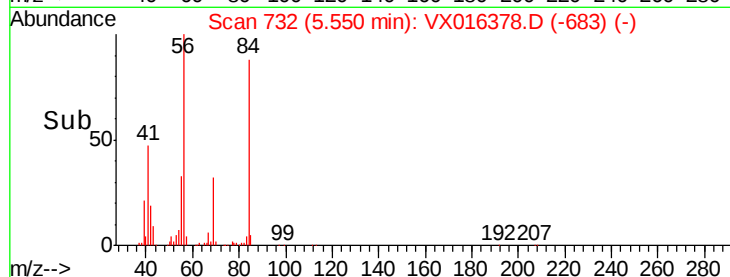
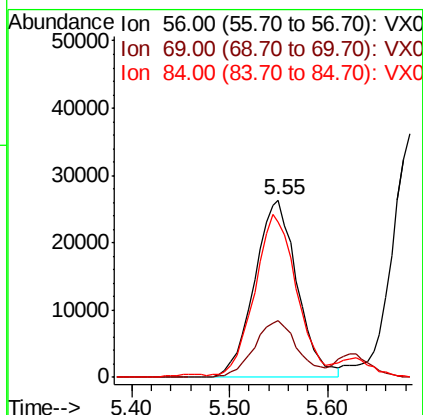
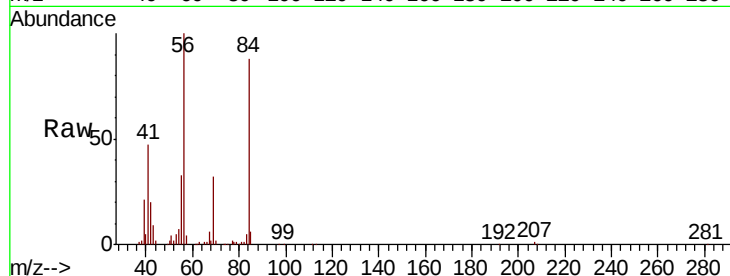




#31
Cyclohexane
Concen: 16.925 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

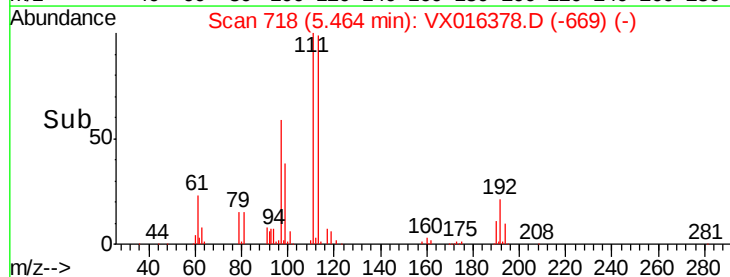
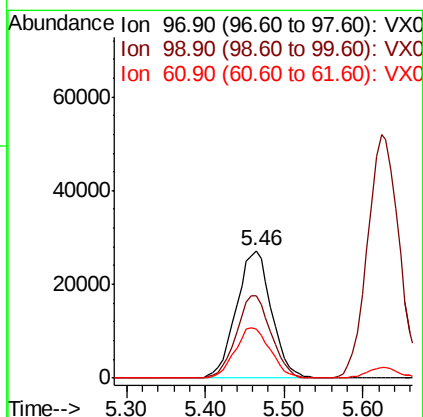
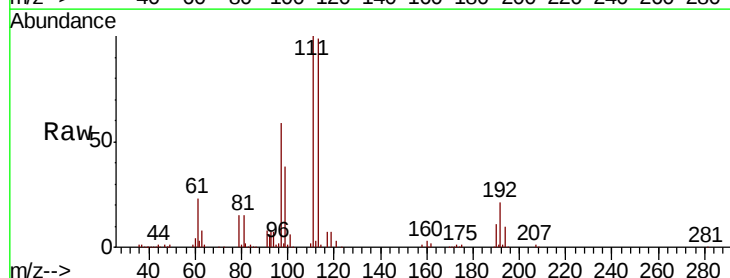
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 80026
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.6
84 86.2 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 17.811 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion: 97 Resp: 83865
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 39.9 34.5 51.7

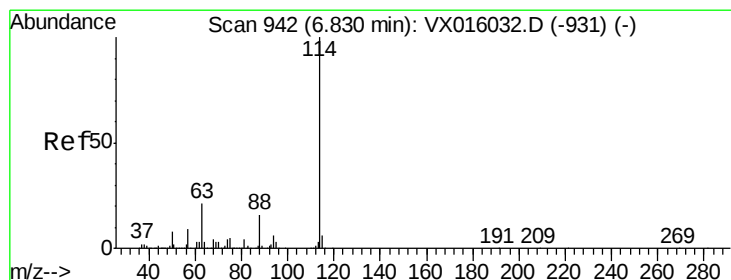
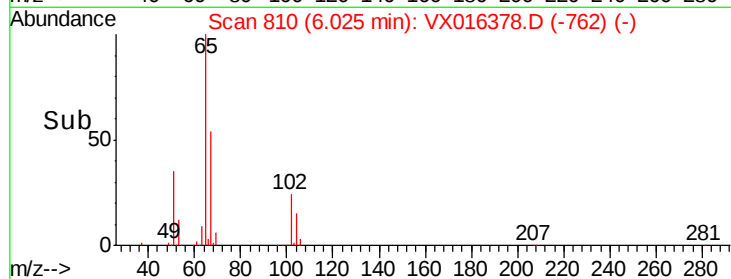
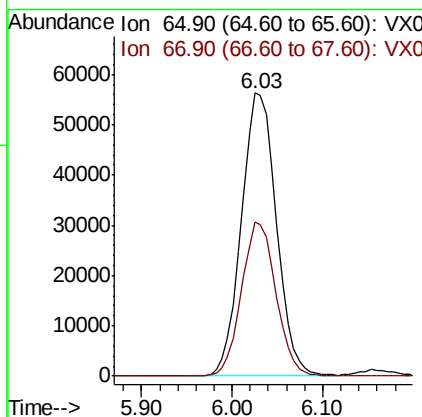
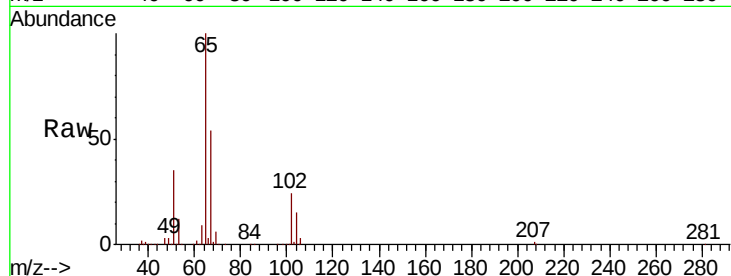




#33
 1,2-Dichloroethane-d4
 Concen: 44.328 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

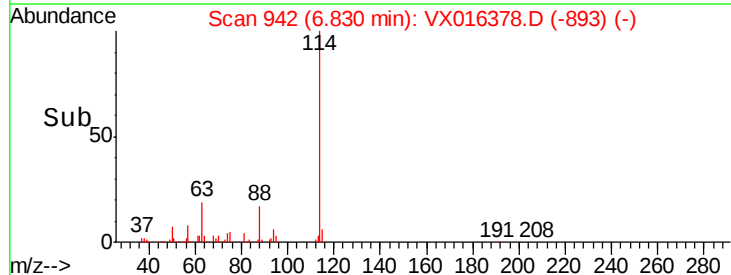
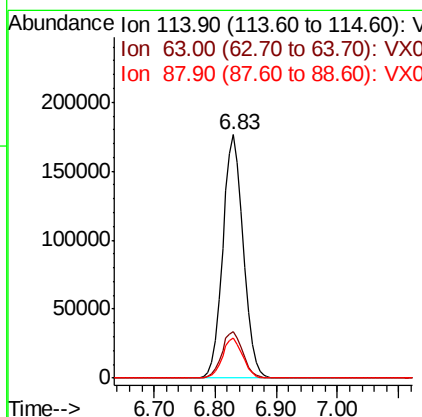
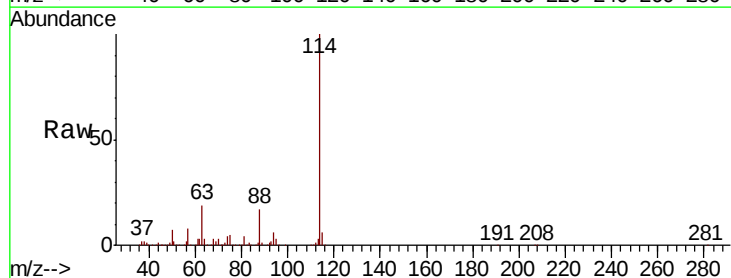
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 150876
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion: 114 Resp: 411027
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.8
 88 16.5 0.0 31.4

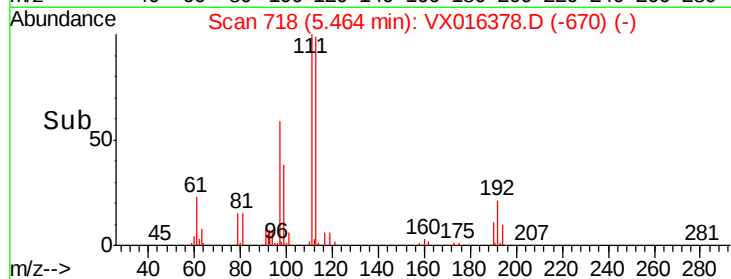
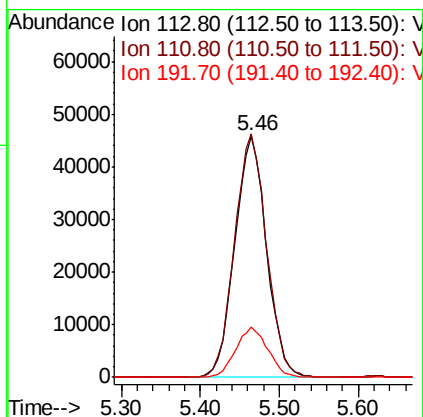
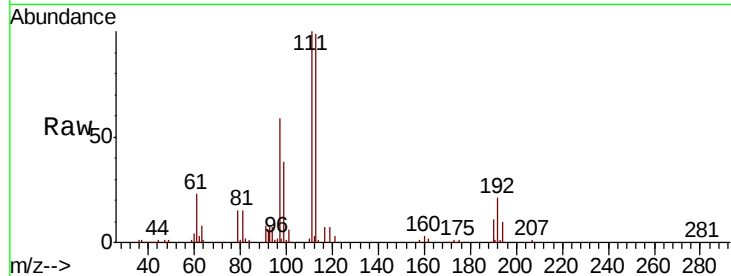




#35
Dibromofluoromethane
Concen: 49.192 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

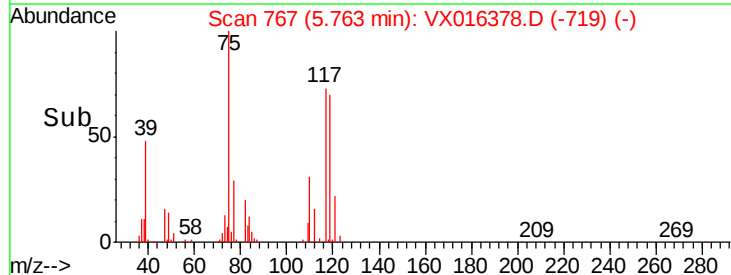
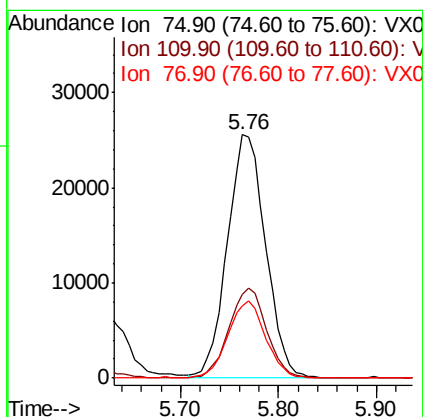
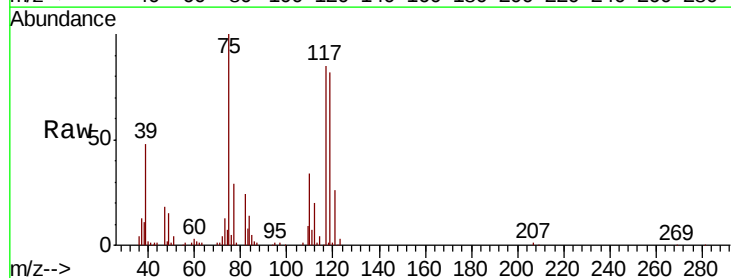
Instrument :
MSVOA_X
ClientSampleId :

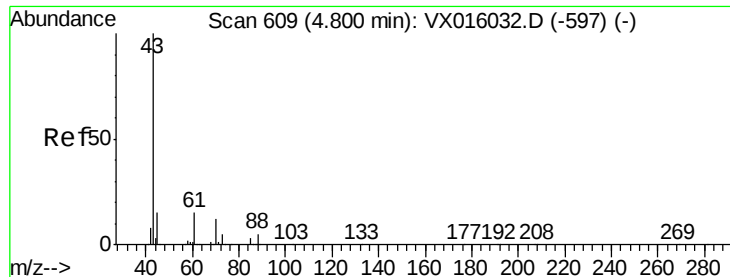
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	21.1	17.0	25.4



#36
1,1-Dichloropropene
Concen: 17.110 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.1
77	31.4	25.0	37.6

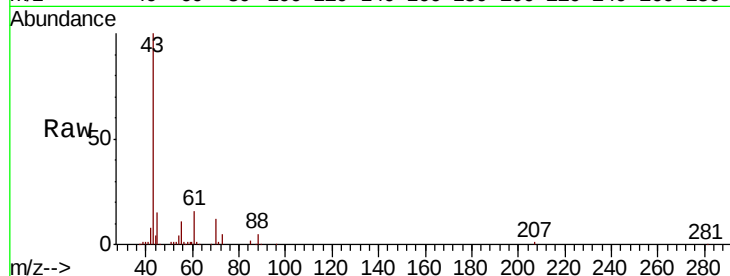




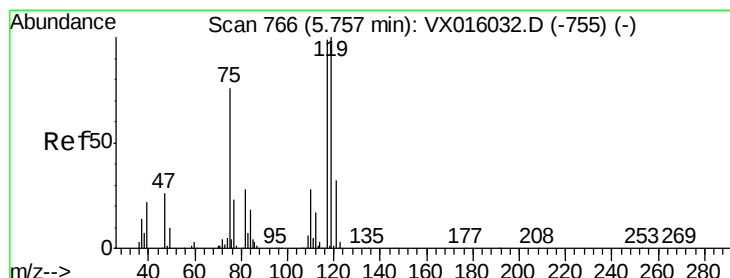
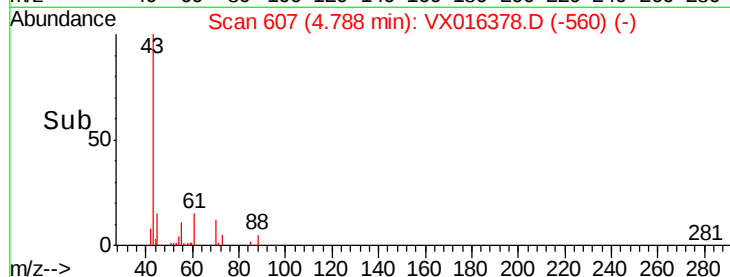
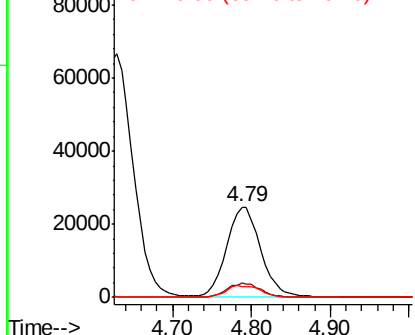
#37
Ethyl Acetate
Concen: 15.720 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 73719
Ion Ratio Lower Upper
43 100
61 15.6 11.7 17.5
70 13.2 9.3 13.9

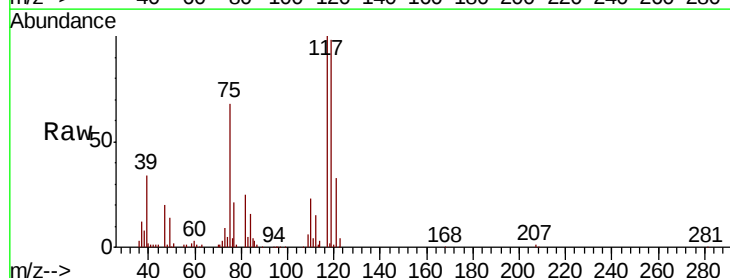


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

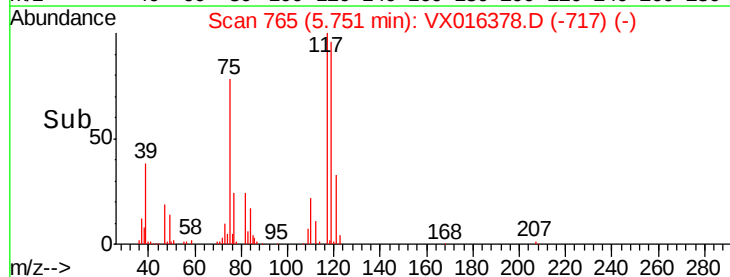
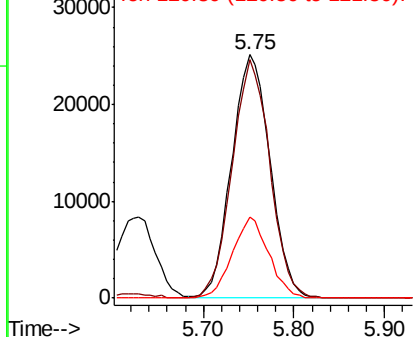


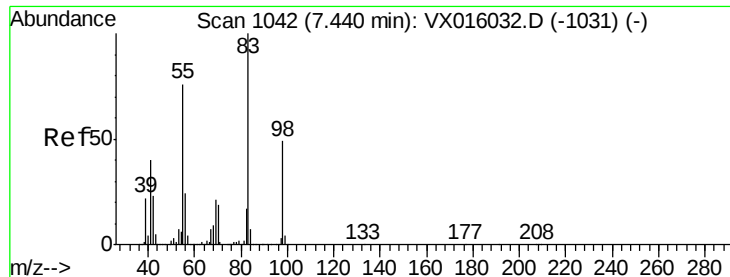
#38
Carbon Tetrachloride
Concen: 18.001 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion: 117 Resp: 74030
Ion Ratio Lower Upper
117 100
119 98.0 80.3 120.5
121 33.3 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

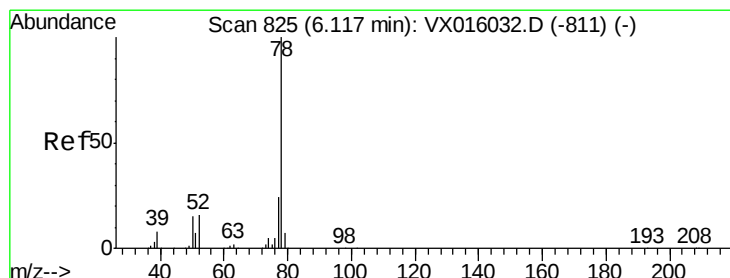
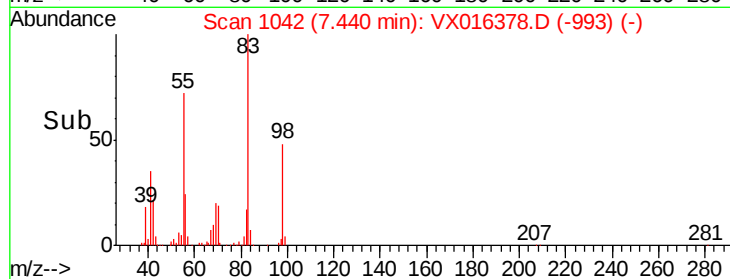
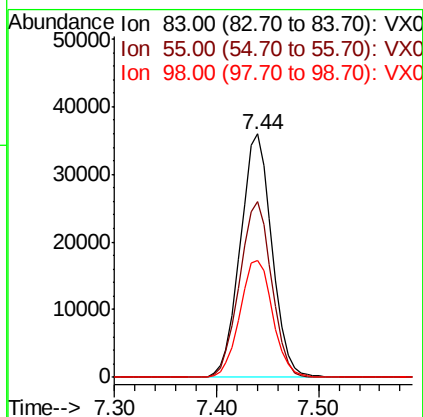
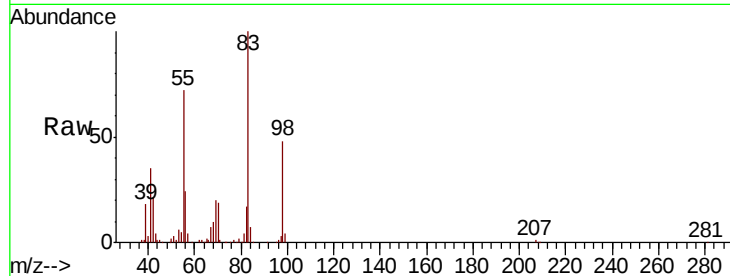




#39
Methvlcvclohexane
Concen: 15.905 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

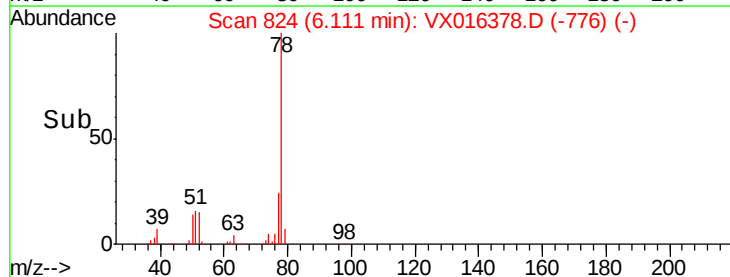
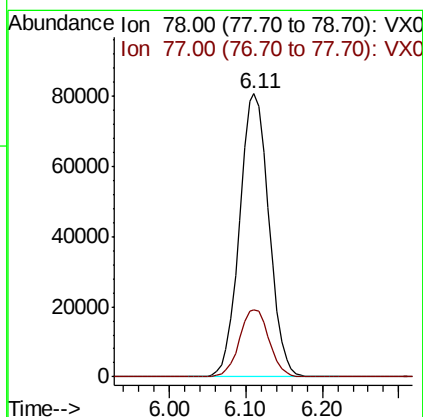
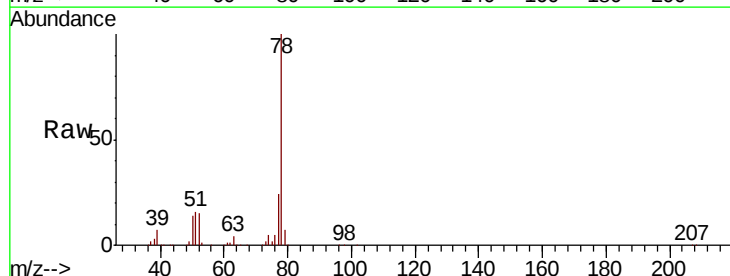
Instrument :
MSVOA_X
ClientSampled :

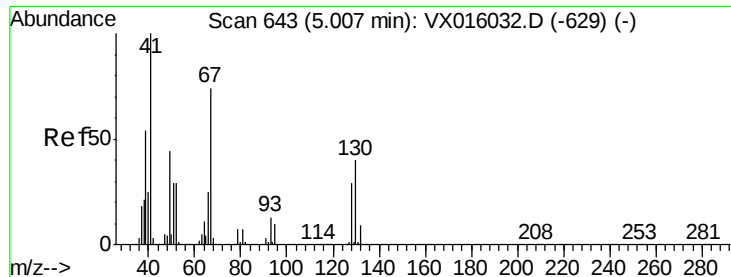
Tot Ion: 83 Resp: 77495
Ion Ratio Lower Upper
83 100
55 72.1 61.1 91.7
98 48.0 39.0 58.4



#40
Benzene
Concen: 18.193 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion: 78 Resp: 215376
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

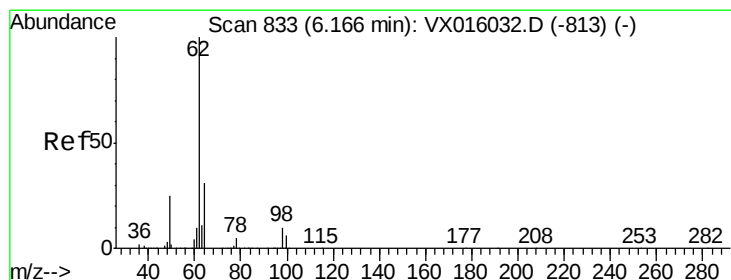
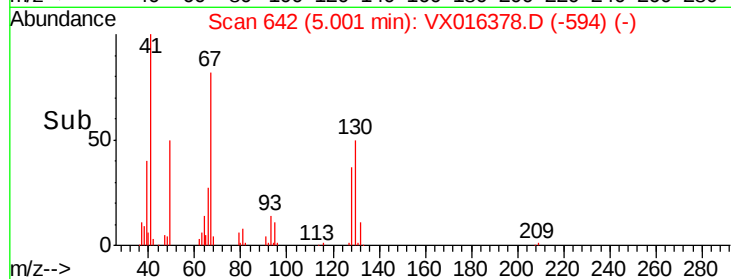
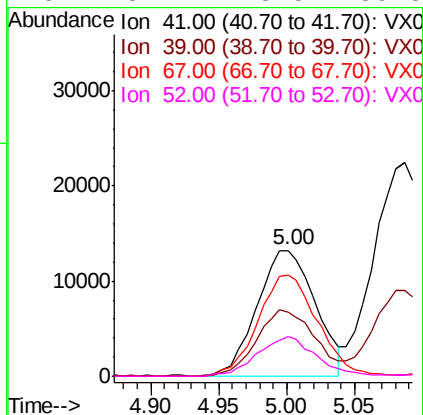
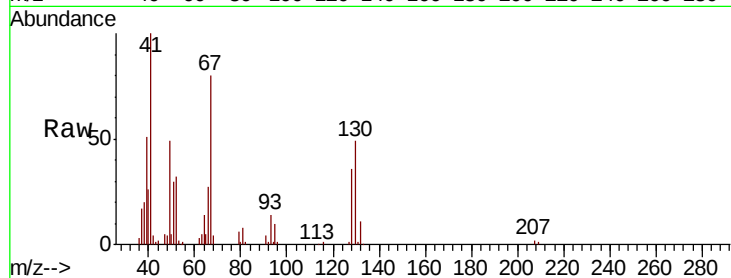




#41
Methacrylonitrile
Concen: 15.671 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

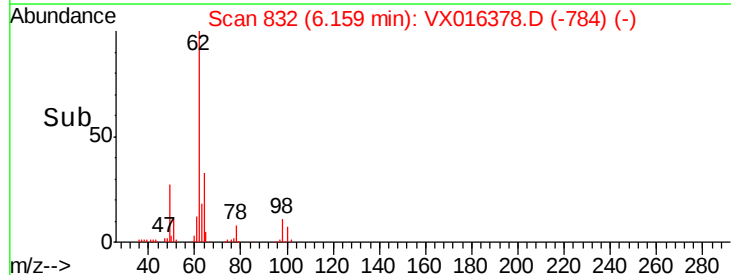
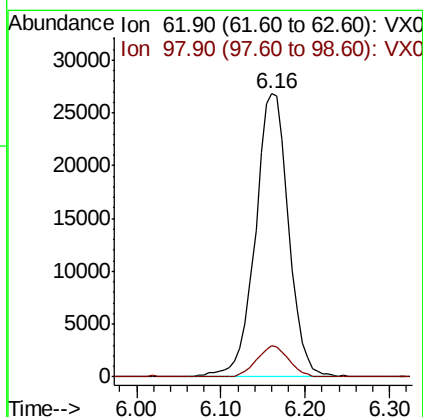
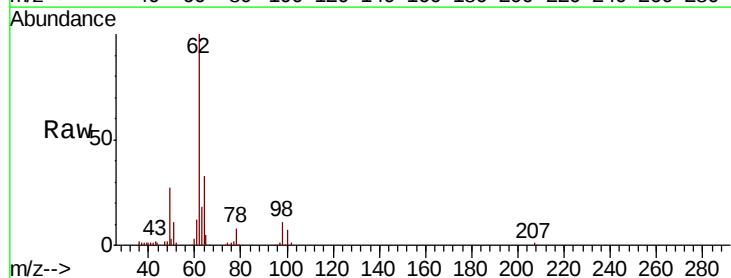
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	39687
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.2	64.8
67	81.6	59.3	88.9
52	31.7	23.5	35.3



#42
1,2-Dichloroethane
Concen: 17.008 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion:	62	Resp:	72531
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.4



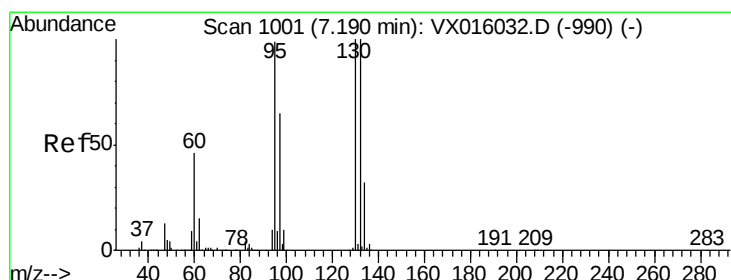
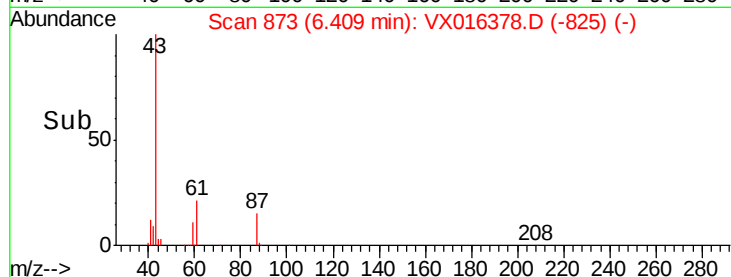
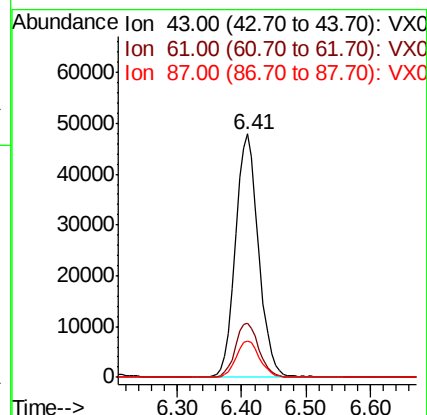
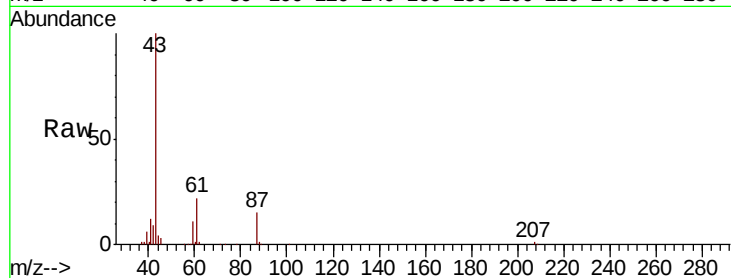


#43

Isopropyl Acetate
 Concen: 15.976 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :

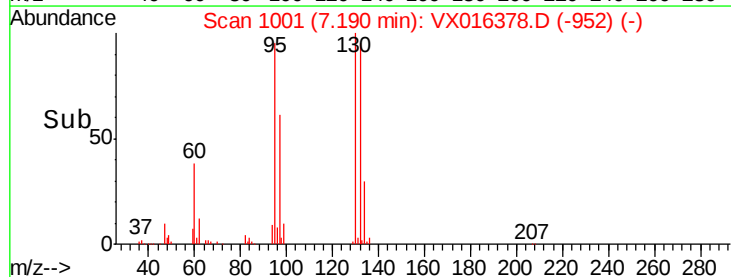
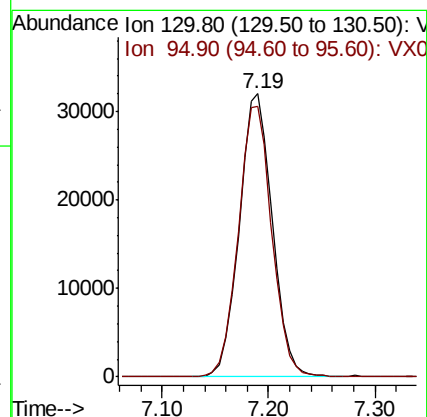
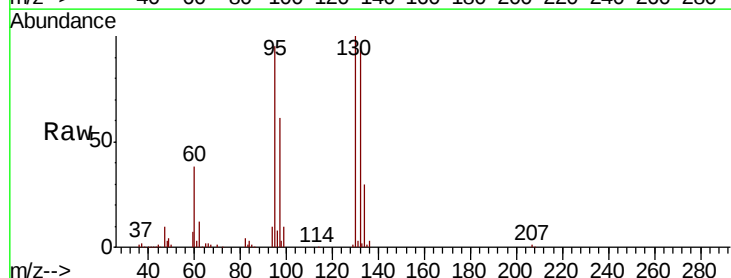
Tot Ion	43	Resp	119538
Ion Ratio	Lower	Upper	
43	100		
61	22.8	17.0	25.4
87	15.4	11.0	16.6

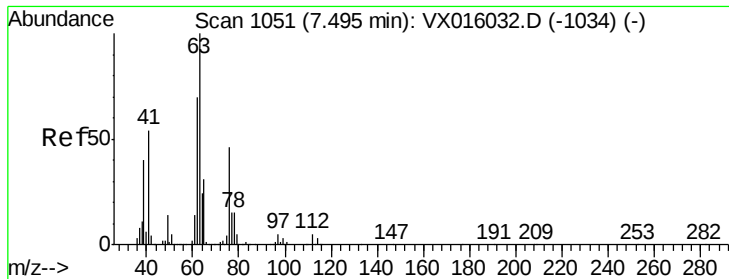


#44

Trichloroethene
 Concen: 16.575 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion	130	Resp	69712
Ion Ratio	Lower	Upper	
130	100		
95	95.4	0.0	197.4

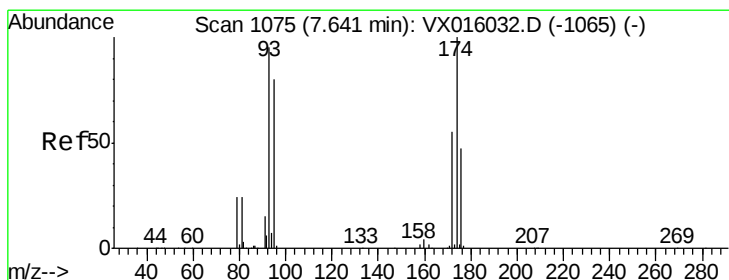
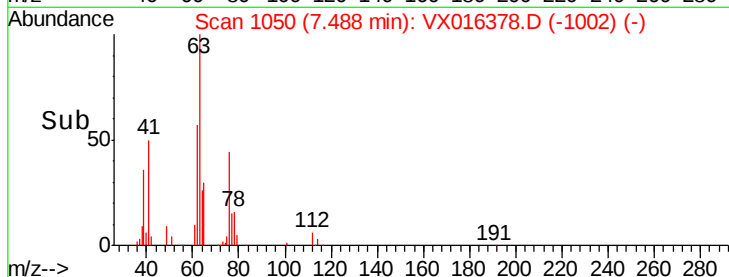
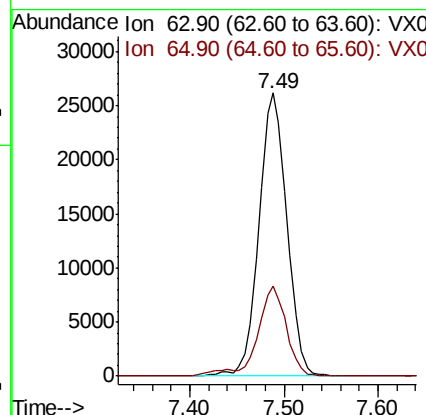
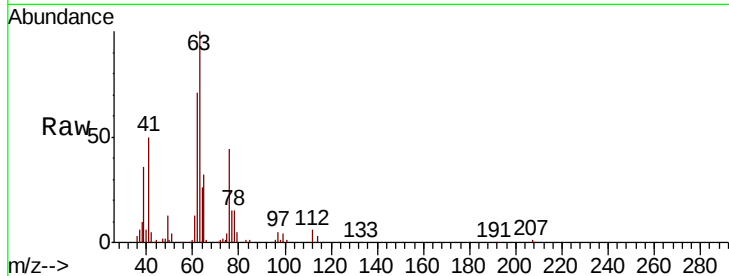




#45
 1,2-Dichloropropane
 Concen: 18.217 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

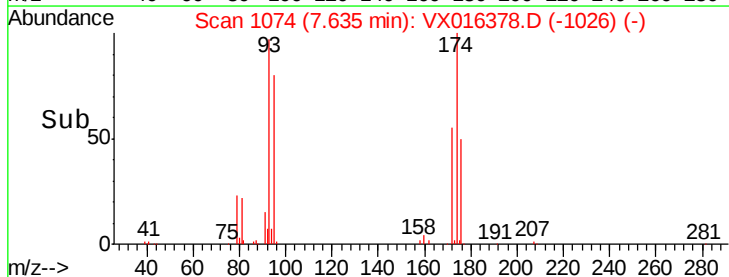
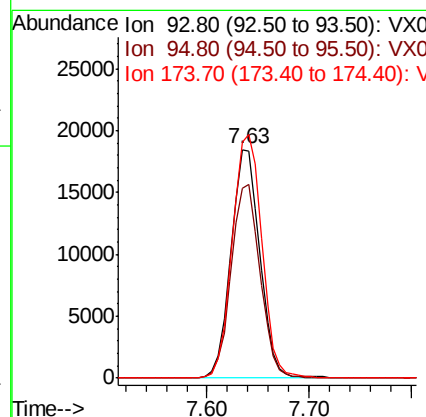
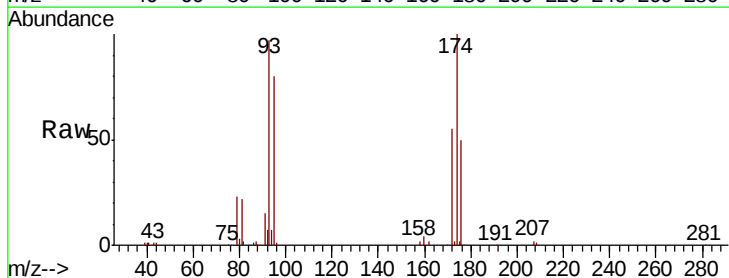
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 54569
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6



#46
 Dibromomethane
 Concen: 17.708 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion: 93 Resp: 36047
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.6 100.0
 174 108.7 84.2 126.4





#47

Bromodichloromethane

Concen: 17.976 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampled :

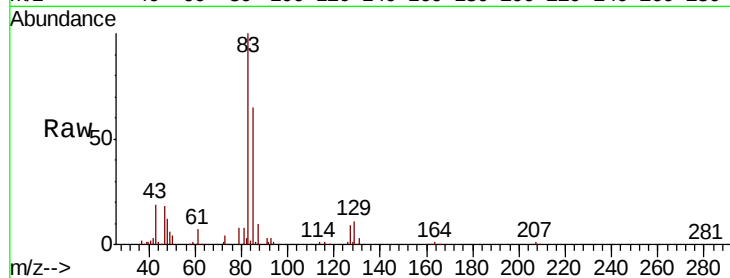
Tot Ion: 83 Resp: 74529

Ion Ratio Lower Upper

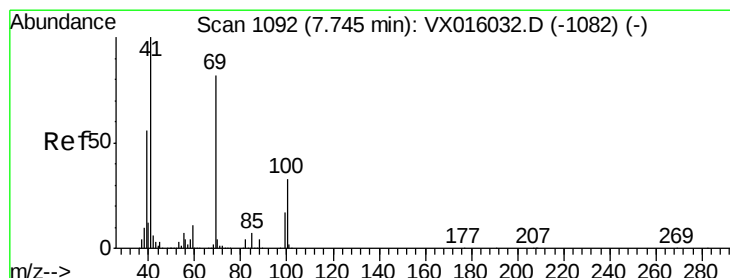
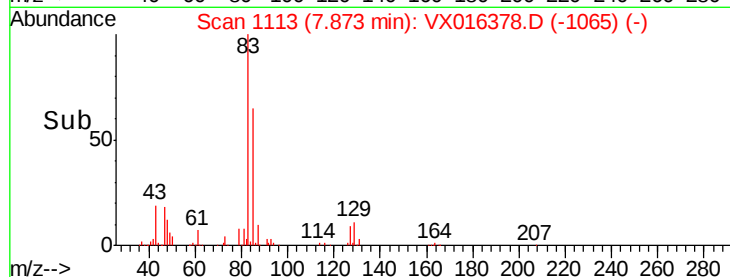
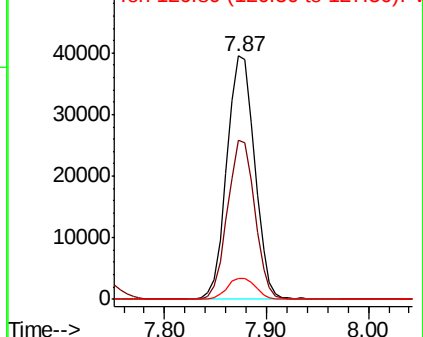
83 100

85 65.5 50.5 75.7

127 8.6 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: 15.673 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

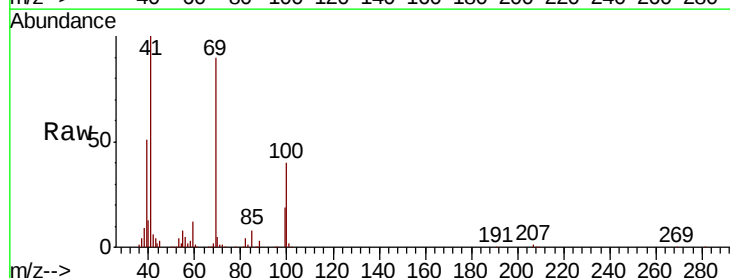
Tgt Ion: 41 Resp: 55567

Ion Ratio Lower Upper

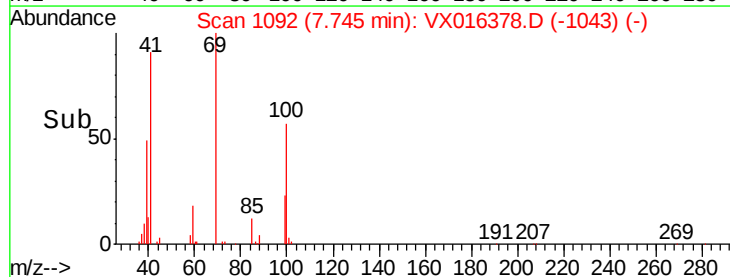
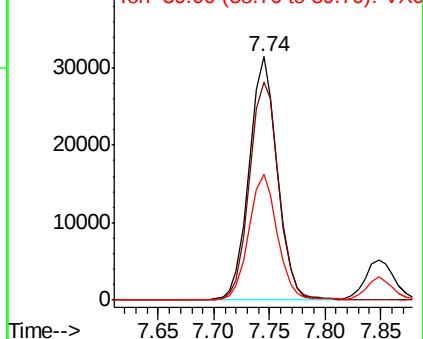
41 100

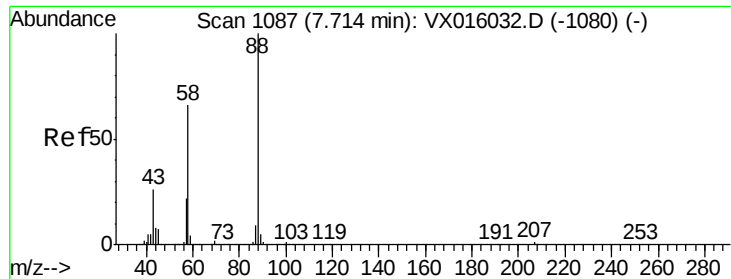
69 93.1 67.8 101.6

39 52.9 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

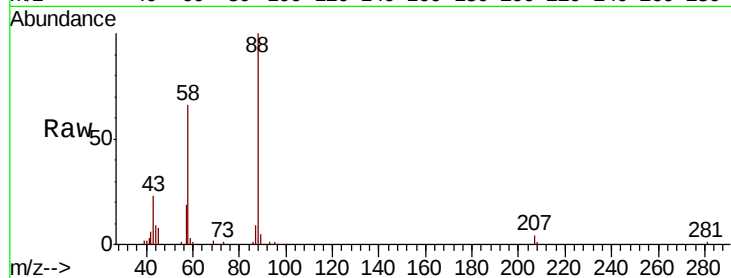




#49
1,4-Dioxane
Concen: 296.424 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	25205
Ion	Ratio	Lower	Upper
88	100		
43	28.6	25.3	37.9
58	67.5	55.9	83.9

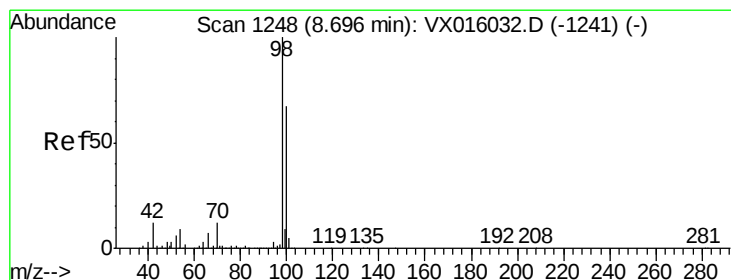
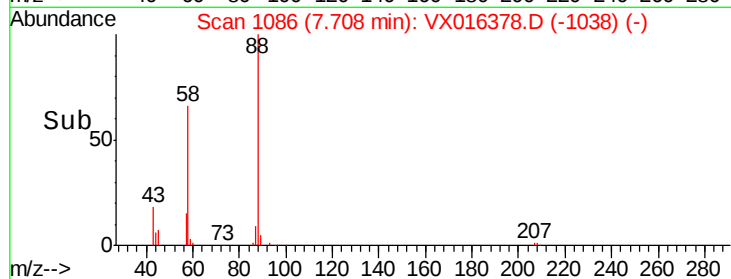
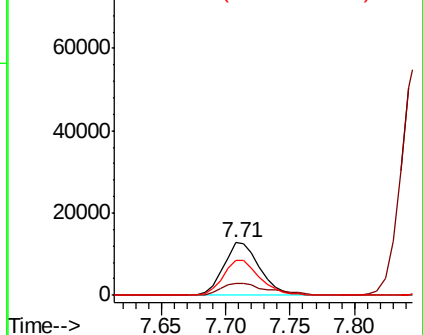


Abundance

Ion 88.00 (87.70 to 88.70): VX0

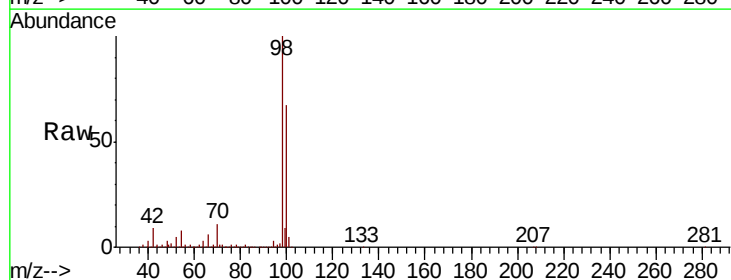
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.140 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

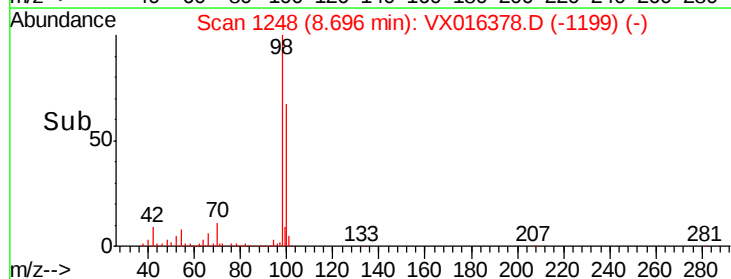
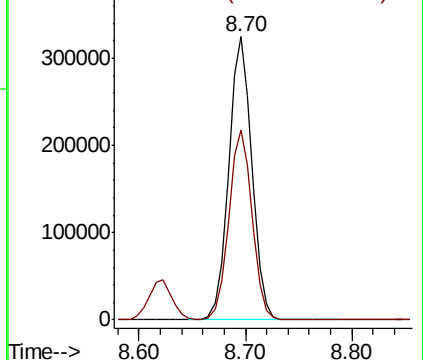
Tgt Ion	98	Resp	493050
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5

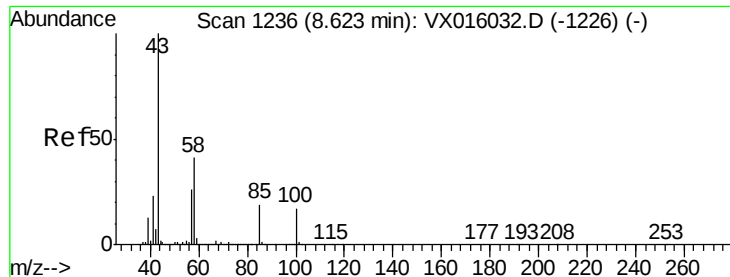


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 81.057 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

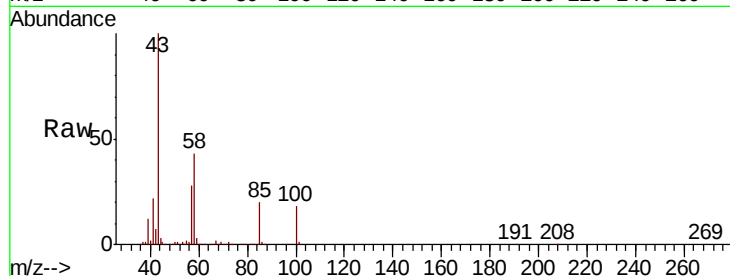
ClientSampleId :

Tot Ion: 43 Resp: 371128

Ion Ratio Lower Upper

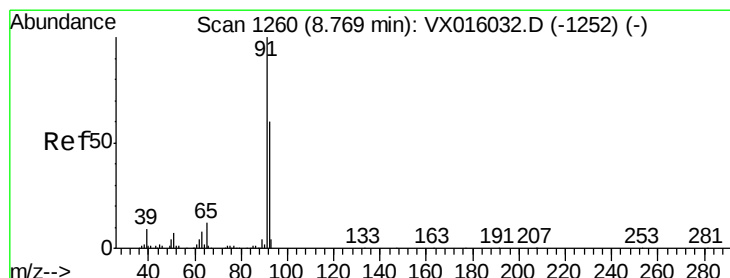
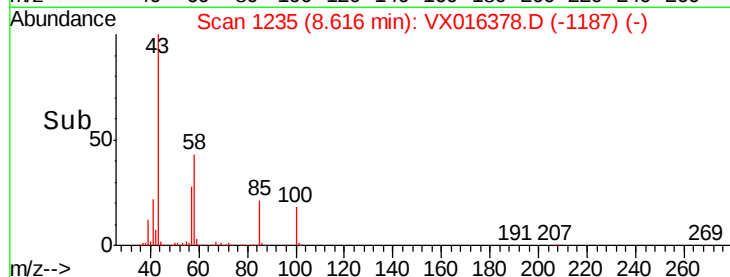
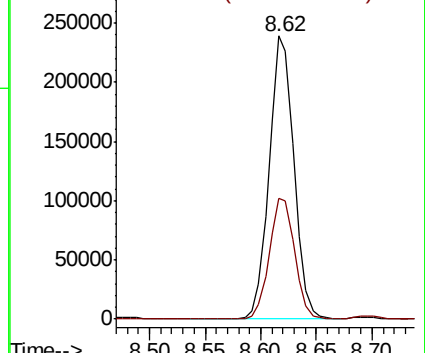
43 100

58 43.7 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.879 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016378.D

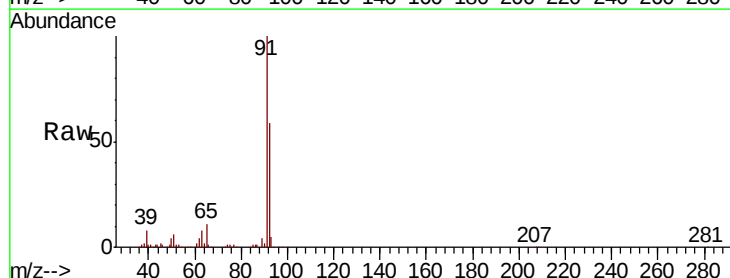
Acq: 21 May 2020 13:03

Tgt Ion: 92 Resp: 139308

Ion Ratio Lower Upper

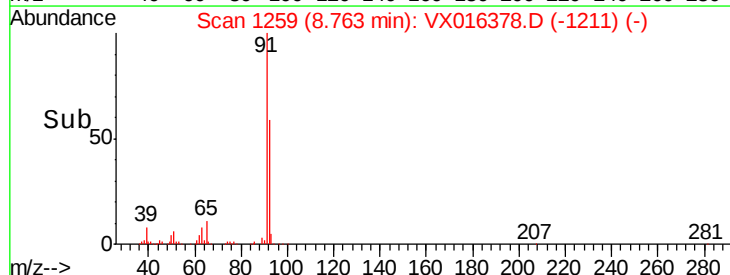
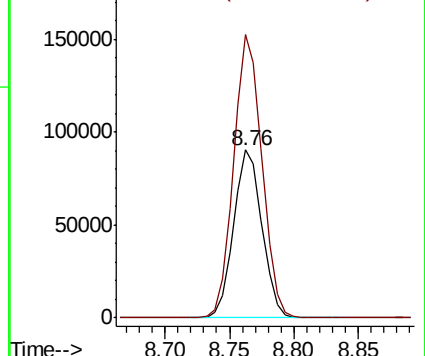
92 100

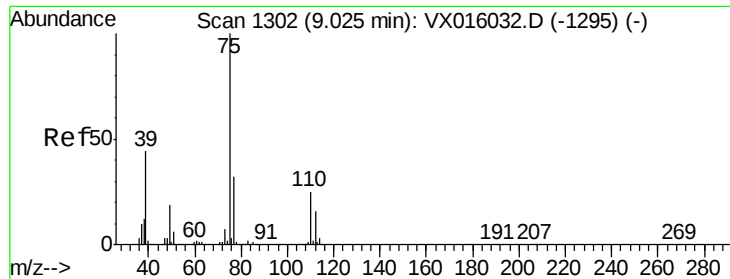
91 167.9 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.442 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

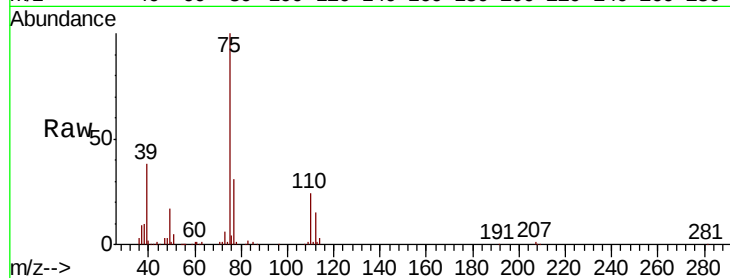
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 86222

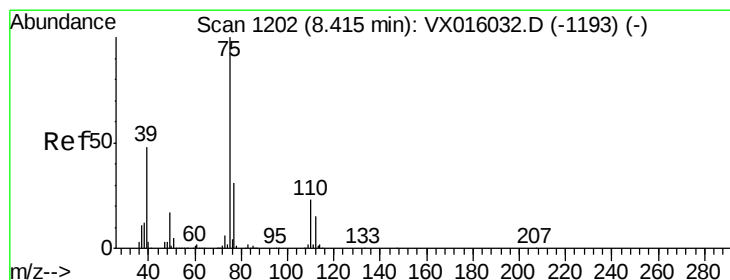
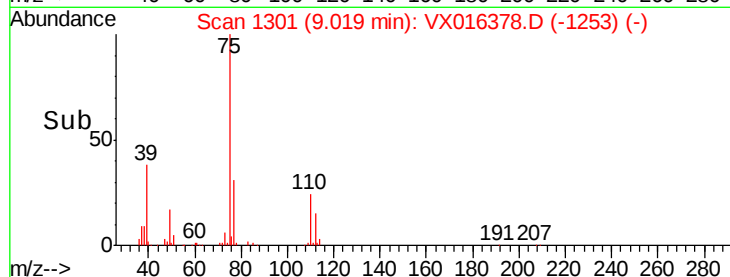
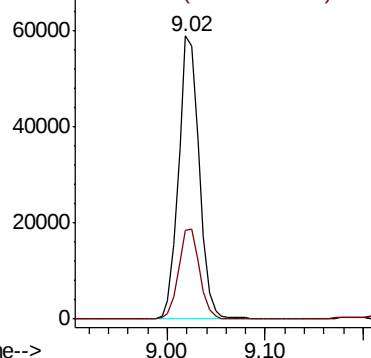
Ion Ratio Lower Upper

75 100

77 31.3 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: 17.993 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

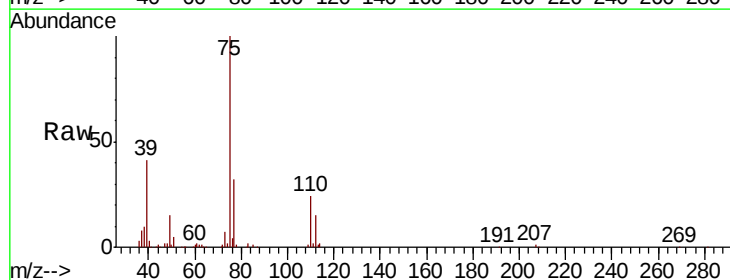
Tgt Ion: 75 Resp: 92903

Ion Ratio Lower Upper

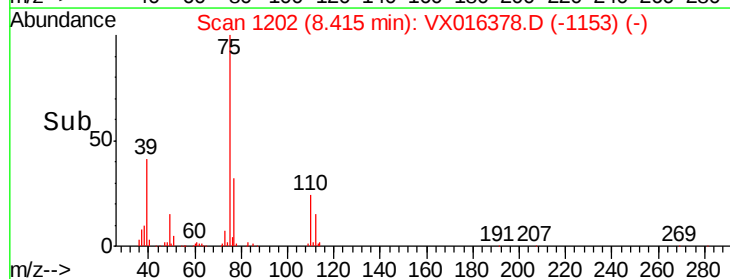
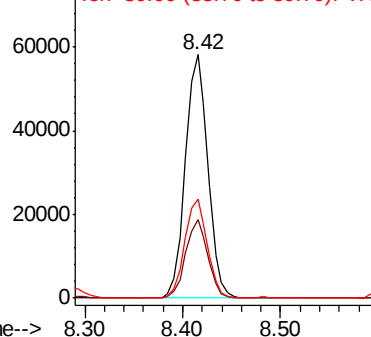
75 100

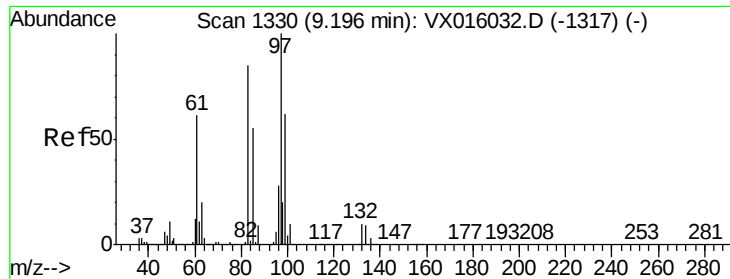
77 32.3 24.7 37.1

39 40.5 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: 18.619 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 54055

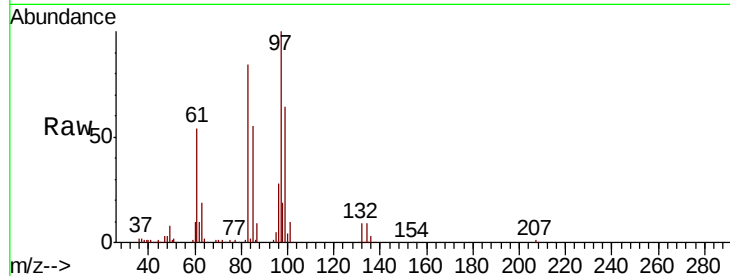
Ion Ratio Lower Upper

97 100

83 83.8 67.8 101.8

85 55.1 43.8 65.8

99 64.2 49.4 74.0

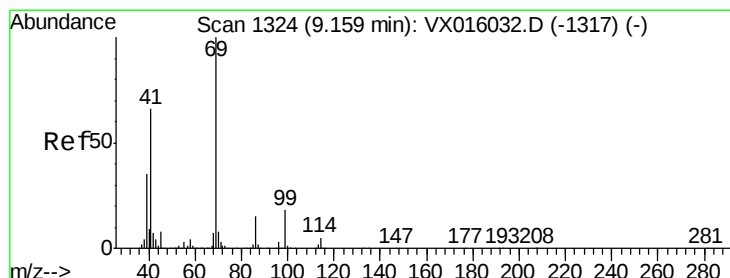
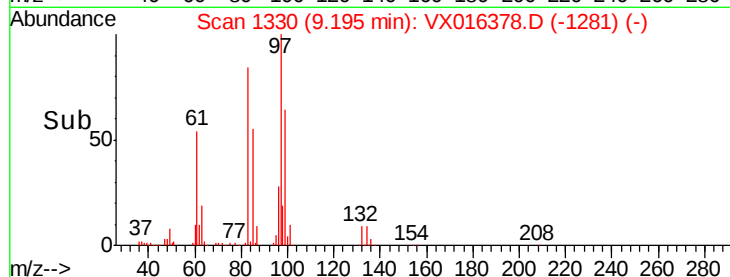
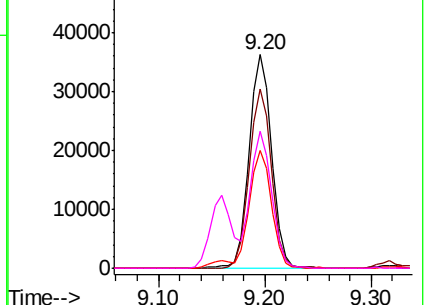


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.054 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

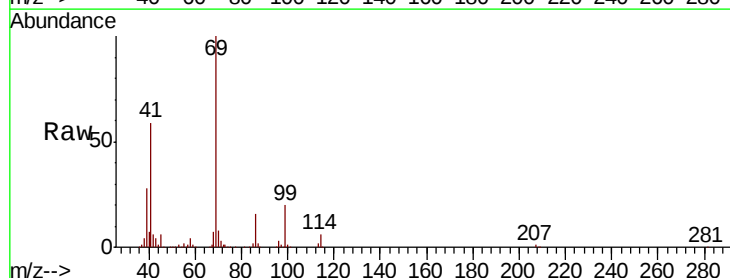
Tgt Ion: 69 Resp: 85555

Ion Ratio Lower Upper

69 100

41 57.9 52.2 78.4

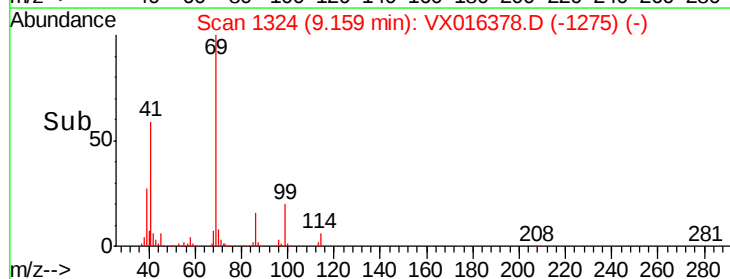
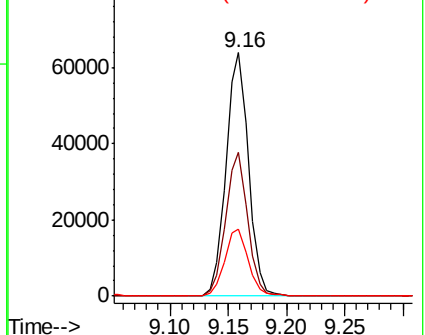
39 29.1 28.2 42.4

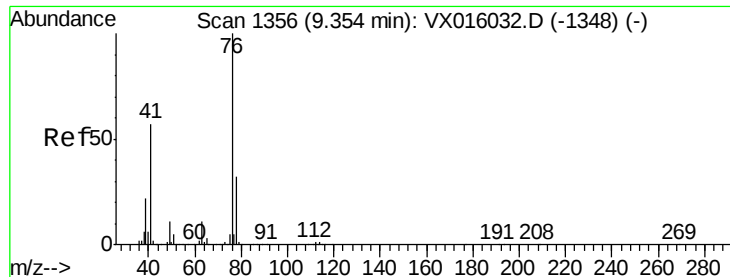


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.499 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

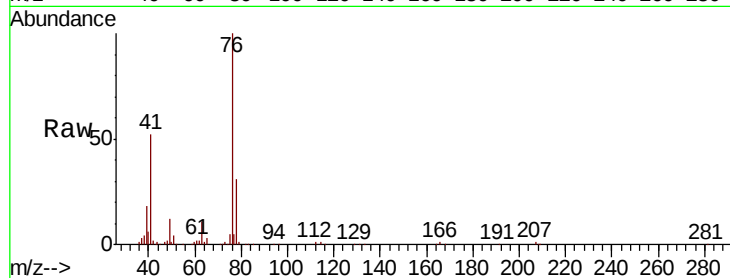
ClientSampleId :

Tot Ion: 76 Resp: 93711

Ion Ratio Lower Upper

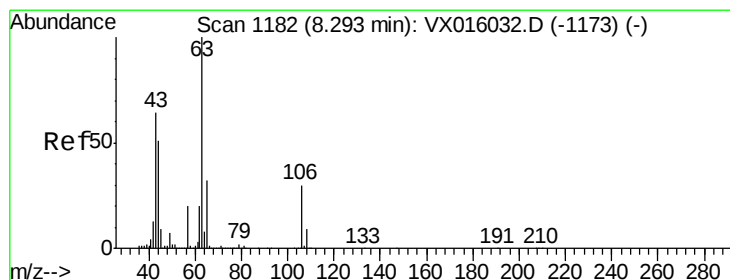
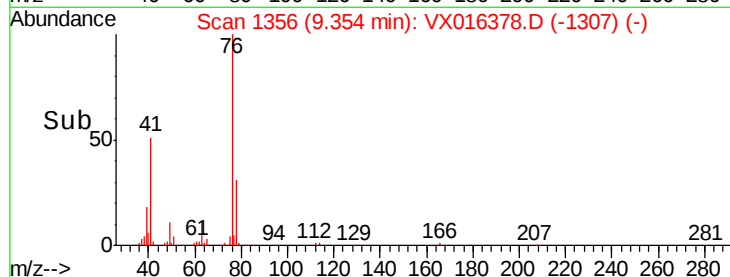
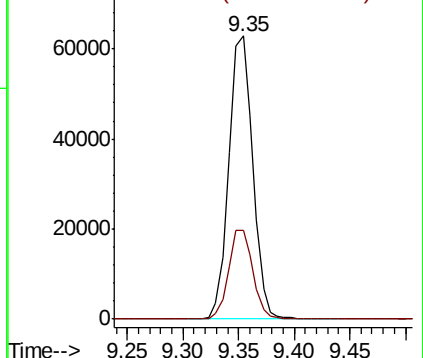
76 100

78 31.8 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: 81.023 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016378.D

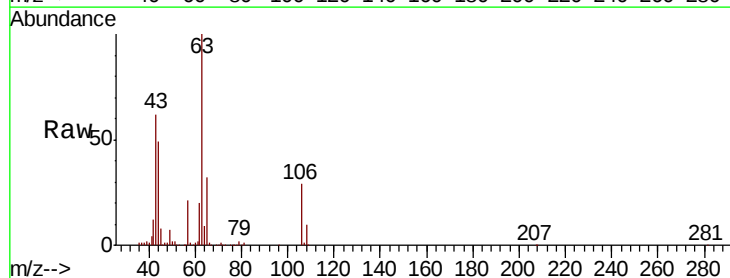
Acq: 21 May 2020 13:03

Tgt Ion: 63 Resp: 204412

Ion Ratio Lower Upper

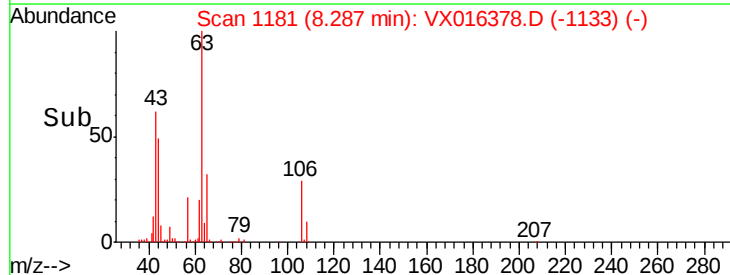
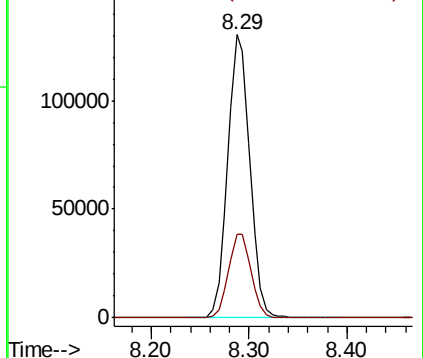
63 100

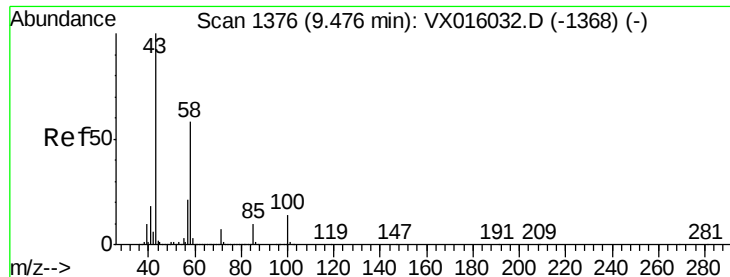
106 30.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

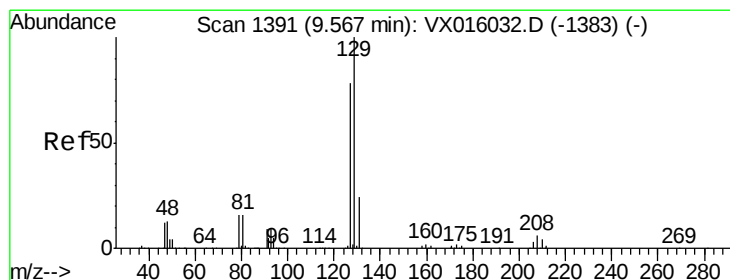
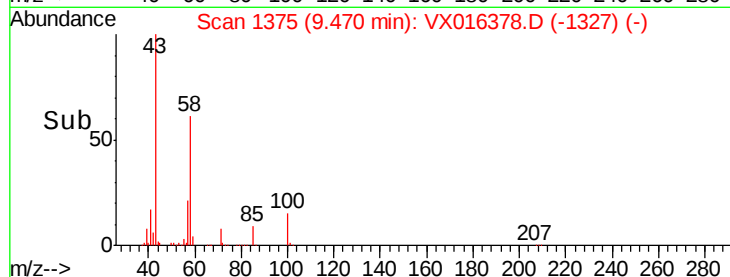
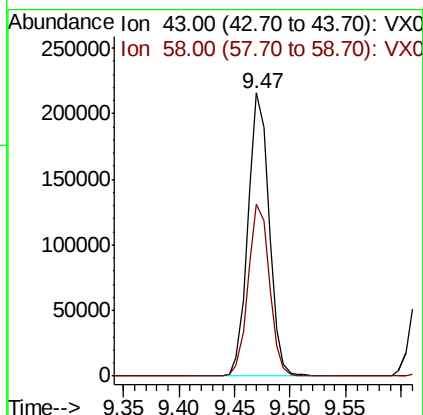
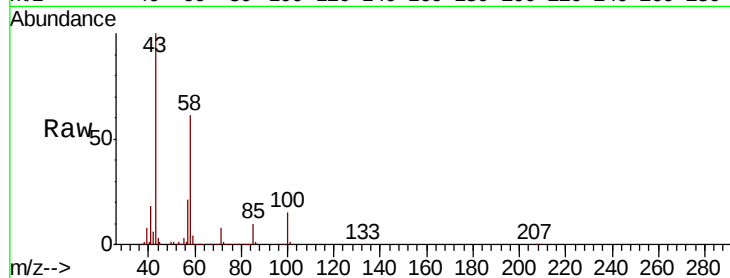




#59
2-Hexanone
Concen: 79.274 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

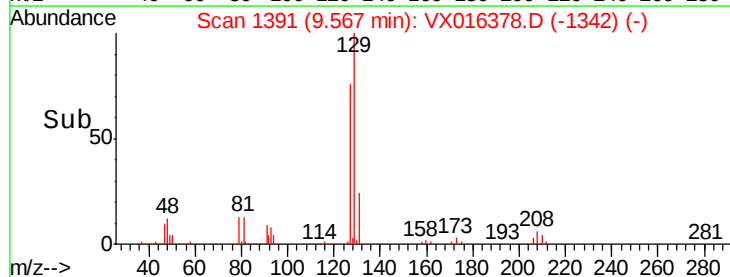
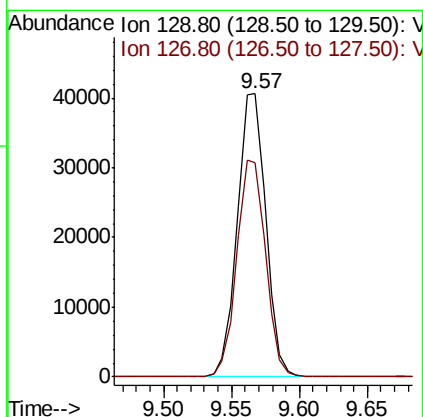
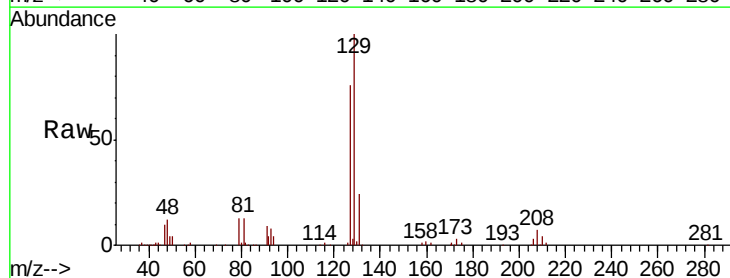
Instrument :
MSVOA_X
ClientSampleId :

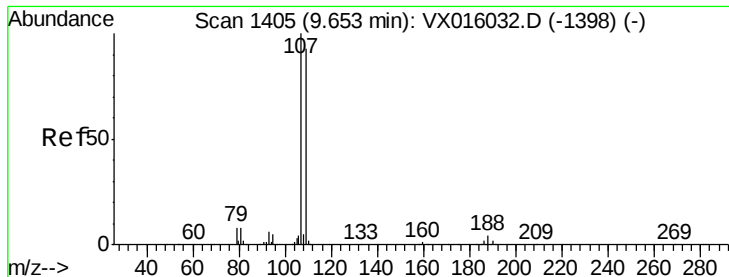
Tot Ion: 43 Resp: 285044
Ion Ratio Lower Upper
43 100
58 61.2 28.6 85.9



#60
Dibromochloromethane
Concen: 18.566 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion: 129 Resp: 59364
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.223 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

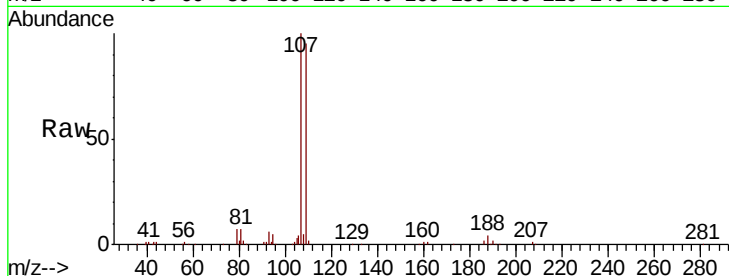
ClientSampleId :

Tot Ion:107 Resp: 57306

Ion Ratio Lower Upper

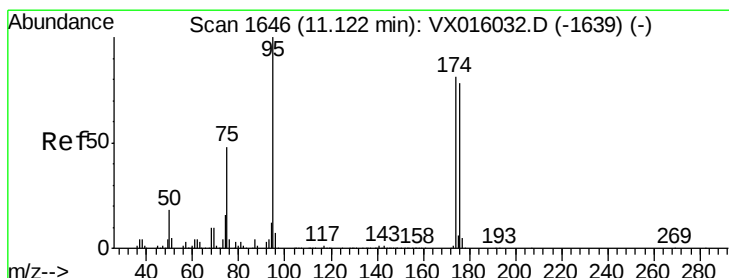
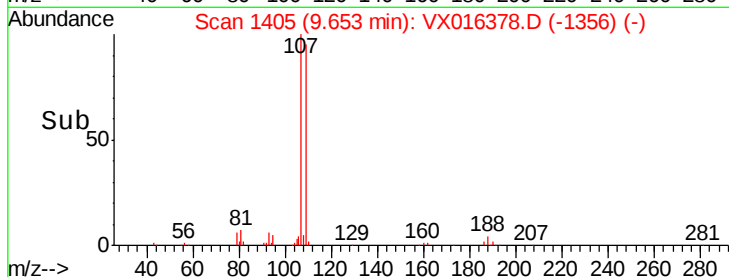
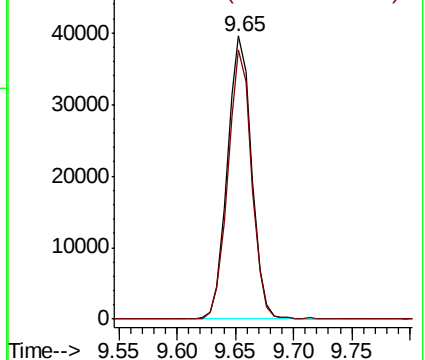
107 100

109 93.2 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: 48.751 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

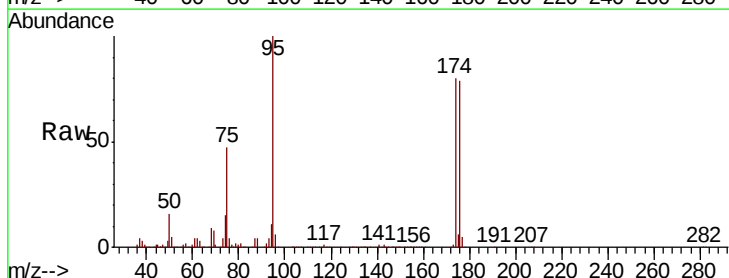
Tgt Ion: 95 Resp: 186046

Ion Ratio Lower Upper

95 100

174 80.5 0.0 159.4

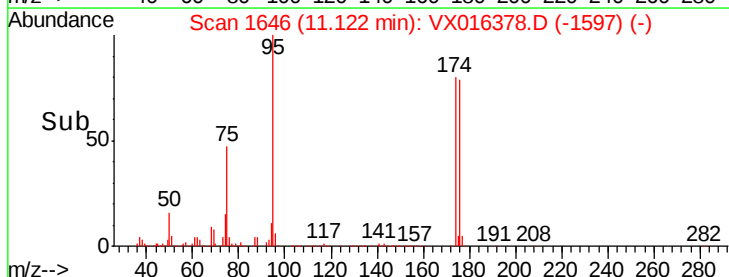
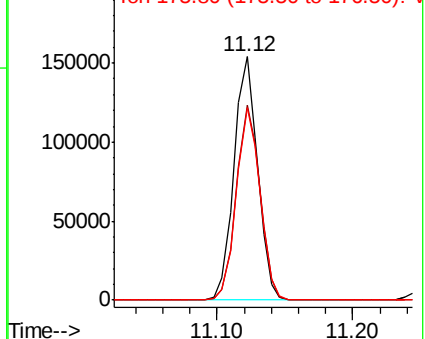
176 79.1 0.0 157.6



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

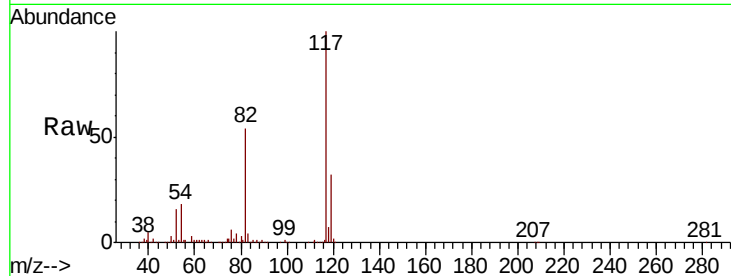




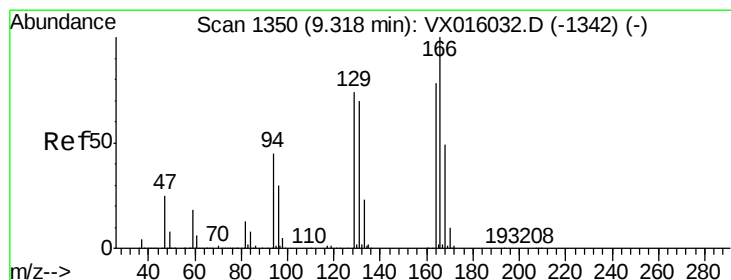
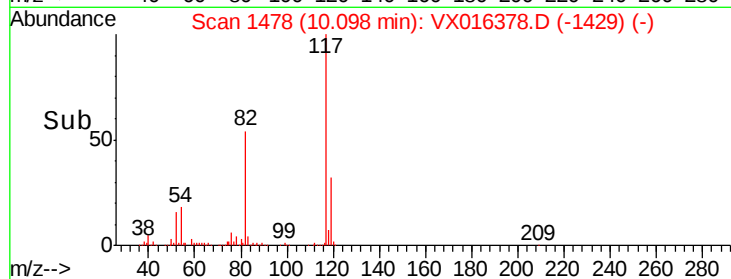
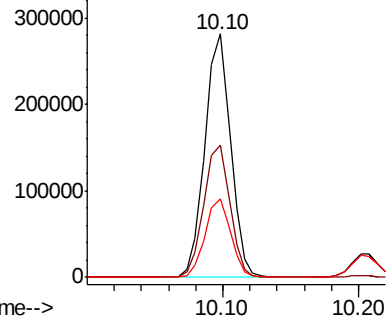
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 372206
Ion Ratio Lower Upper
117 100
82 54.4 44.4 66.6
119 32.2 25.5 38.3

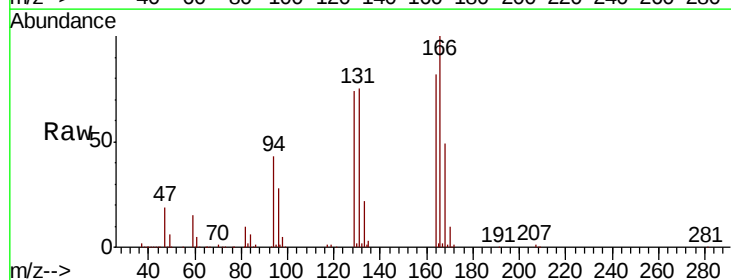


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

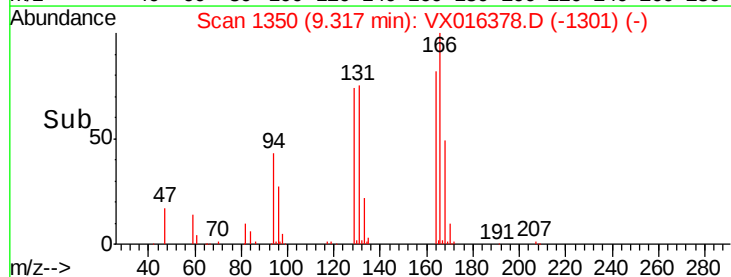
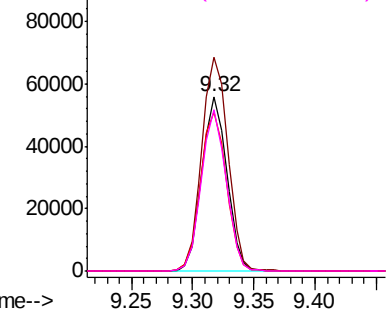


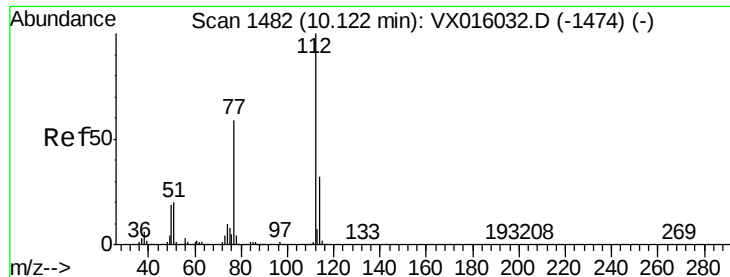
#64
Tetrachloroethene
Concen: 17.267 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion:164 Resp: 78899
Ion Ratio Lower Upper
164 100
166 122.6 102.9 154.3
129 91.0 76.1 114.1
131 92.5 71.9 107.9



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

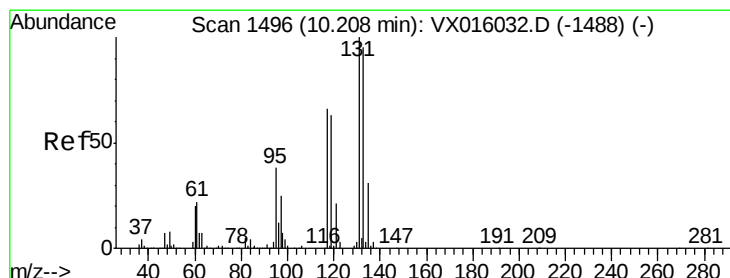
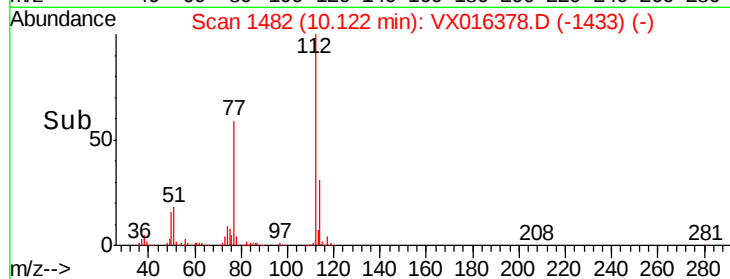
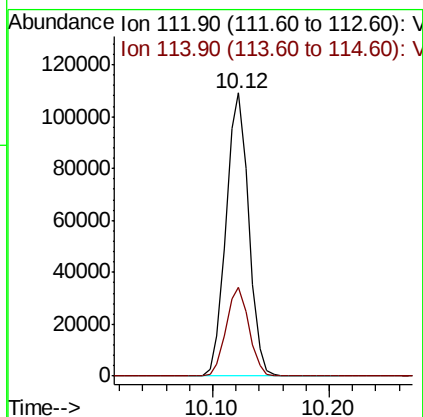
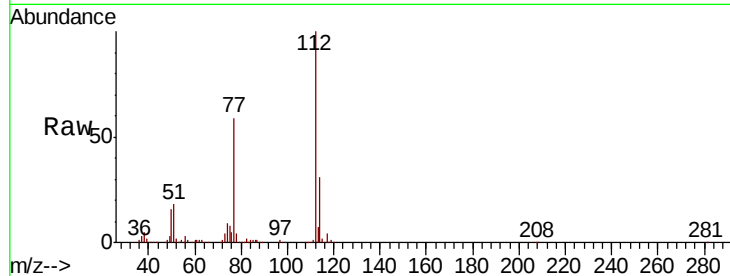




#65
Chlorobenzene
Concen: 18.870 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

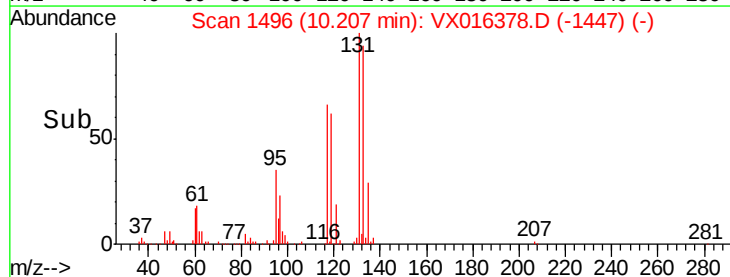
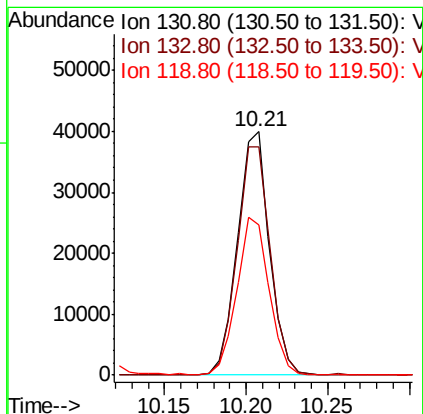
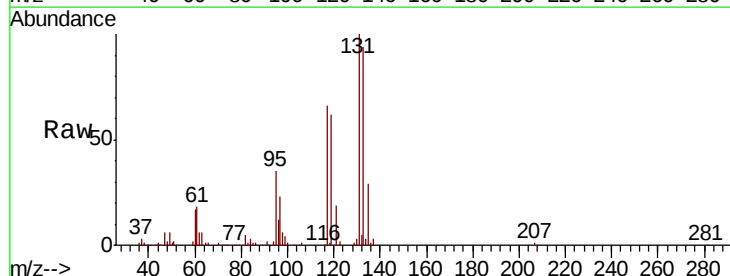
Instrument :
MSVOA_X
ClientSampleId :

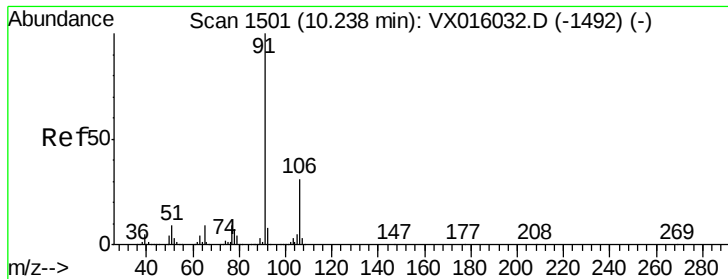
Tot Ion:112 Resp: 147065
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.925 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion:131 Resp: 54514
Ion Ratio Lower Upper
131 100
133 97.2 48.3 144.8
119 65.8 32.3 96.9





#67

Ethyl Benzene

Concen: 18.576 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

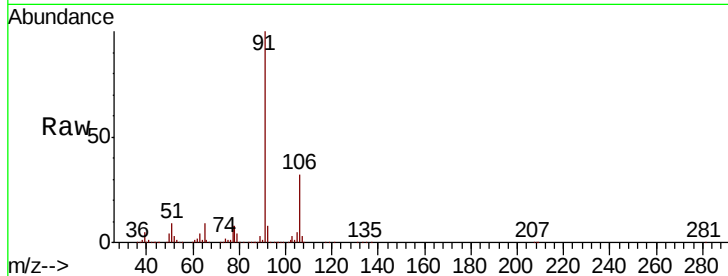
ClientSampleId :

Tot Ion: 91 Resp: 258312

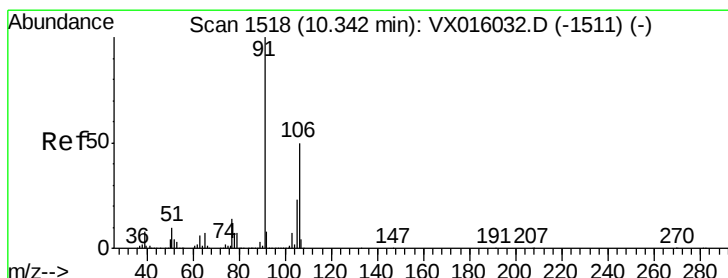
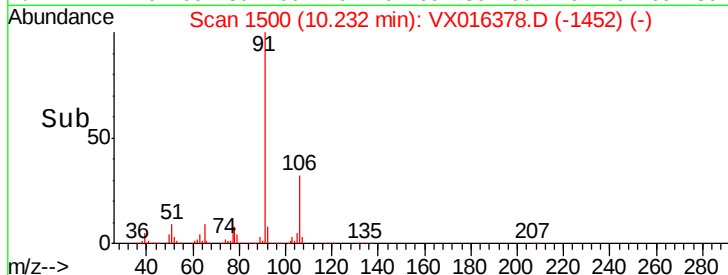
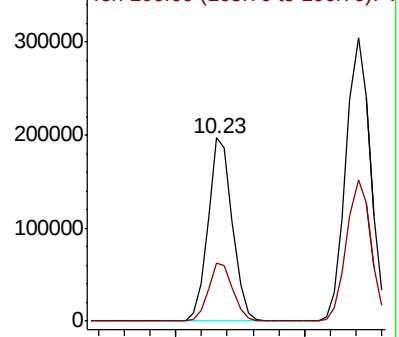
Ion Ratio Lower Upper

91 100

106 31.6 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016378.D (-1452) (-)



#68

m/p-Xylenes

Concen: 38.153 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016378.D

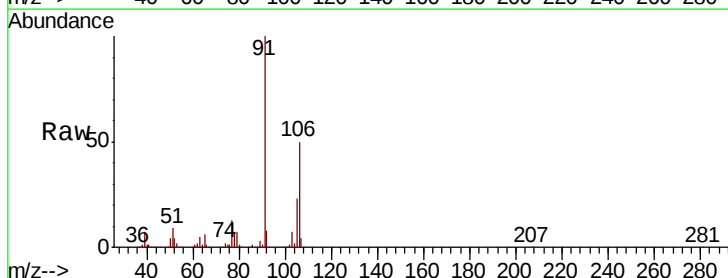
Acq: 21 May 2020 13:03

Tgt Ion: 106 Resp: 198775

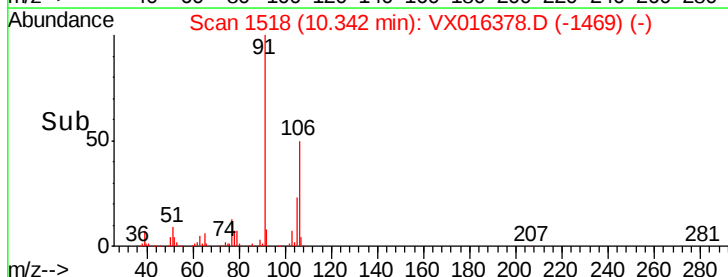
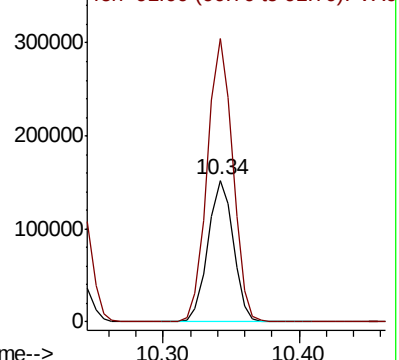
Ion Ratio Lower Upper

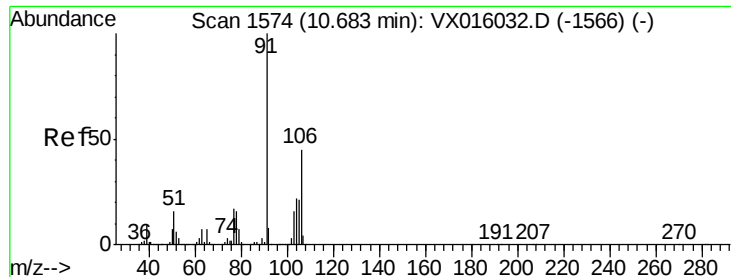
106 100

91 200.3 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016378.D (-1469) (-)

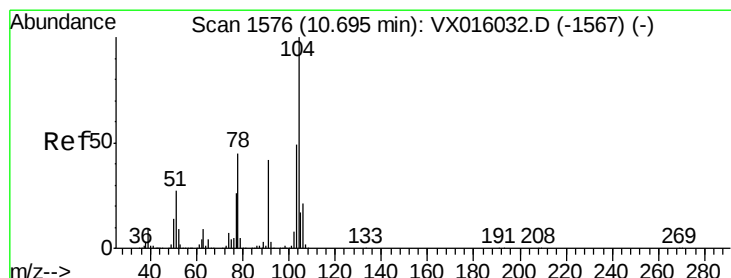
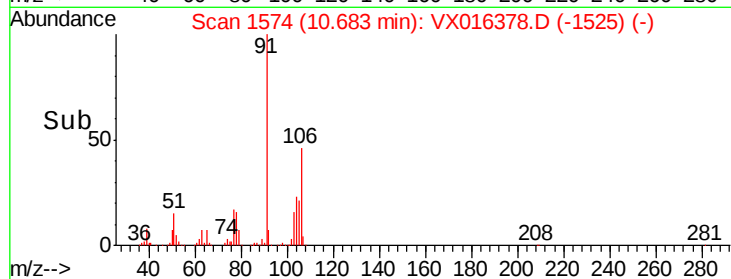
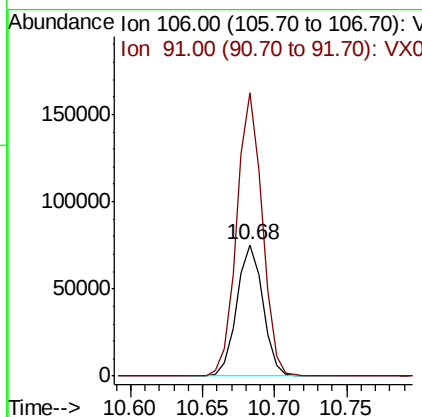
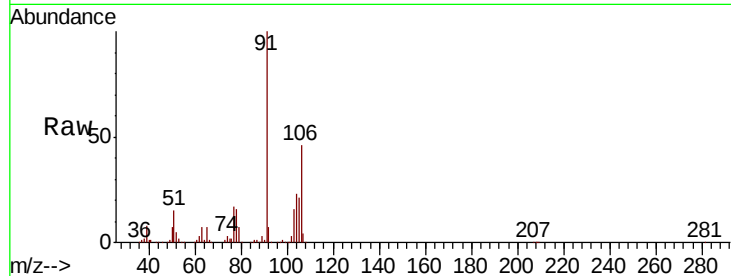




#69
o-Xylene
Concen: 19.005 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

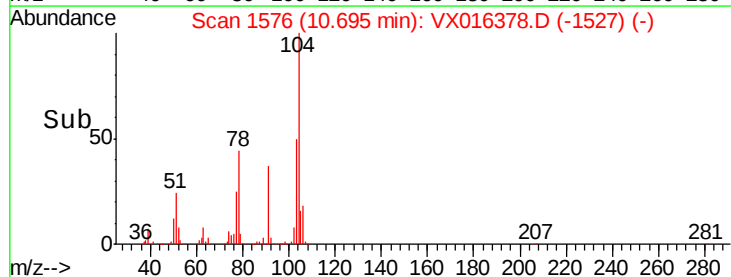
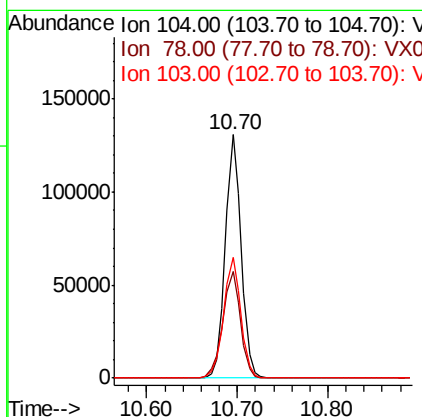
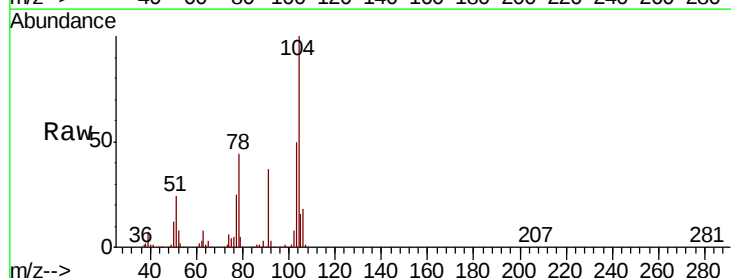
Instrument :
MSVOA_X
ClientSampleId :

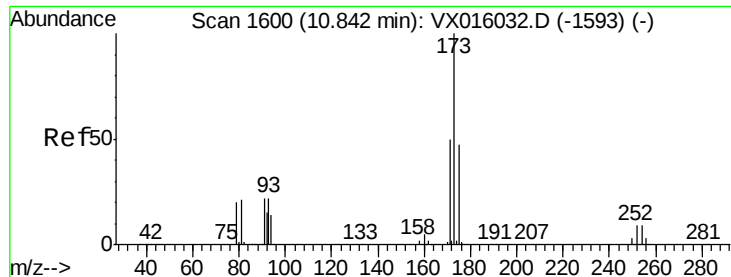
Tot Ion:106 Resp: 95178
Ion Ratio Lower Upper
106 100
91 211.6 107.5 322.6



#70
Styrene
Concen: 18.693 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion:104 Resp: 158820
Ion Ratio Lower Upper
104 100
78 49.1 40.2 60.2
103 54.1 43.0 64.6

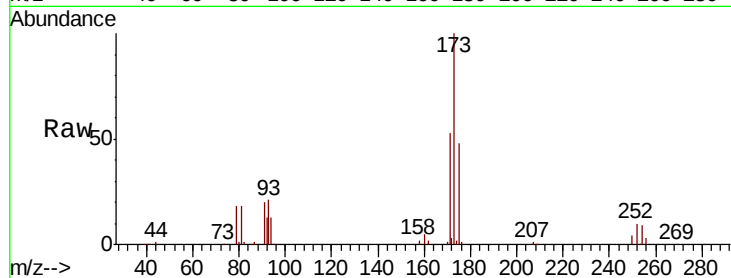




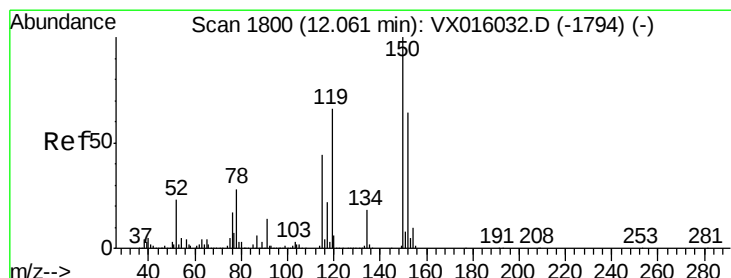
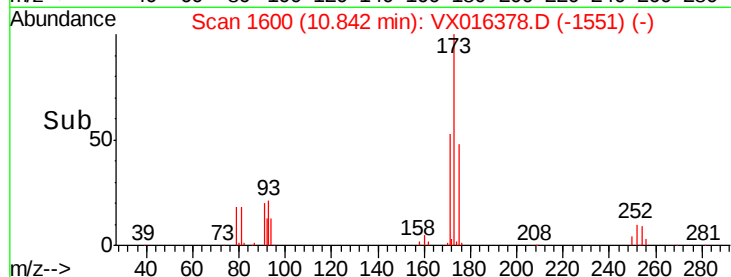
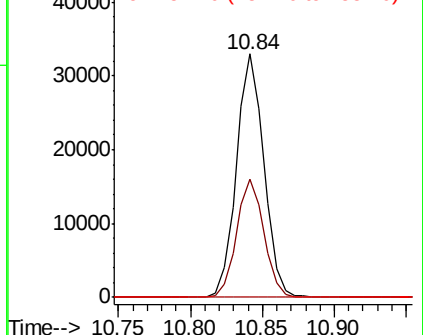
#71
Bromoform
Concen: 18.619 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 43697
Ion Ratio Lower Upper
173 100
175 48.2 24.0 72.0
254 0.0 0.1 0.1#

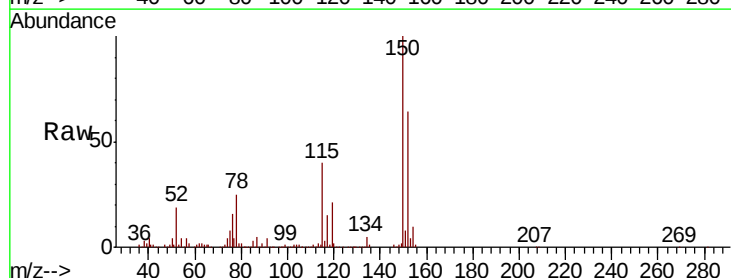


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

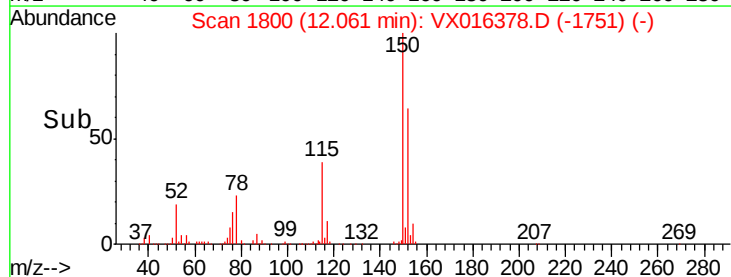
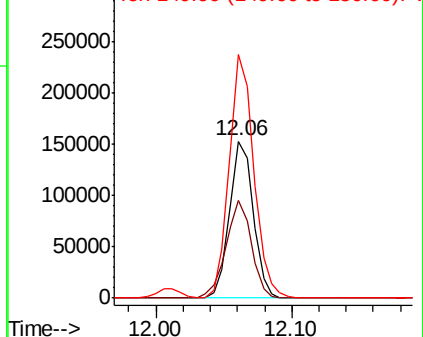


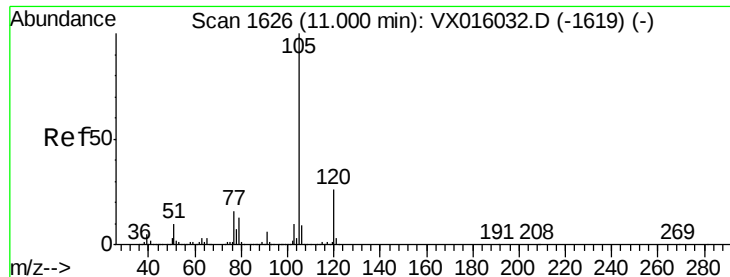
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion:152 Resp: 184815
Ion Ratio Lower Upper
152 100
115 66.7 41.3 124.1
150 161.8 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: 18.440 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

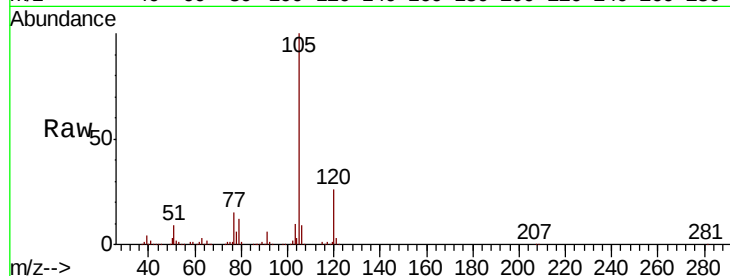
ClientSampleId :

Tot Ion: 105 Resp: 247882

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

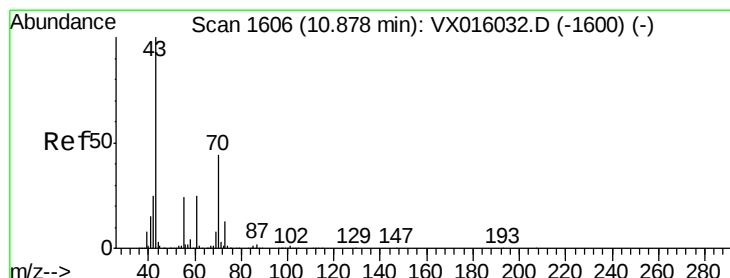
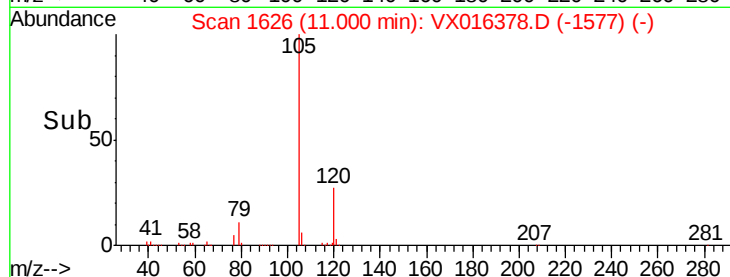
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 16.096 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Tgt Ion: 43 Resp: 100922

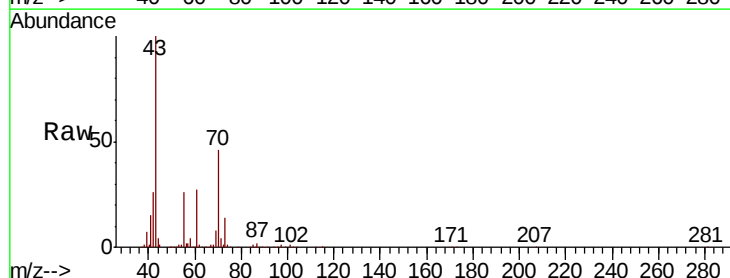
Ion Ratio Lower Upper

43 100

70 48.6 36.5 54.7

55 26.6 19.7 29.5

61 27.6 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

120000

100000

80000

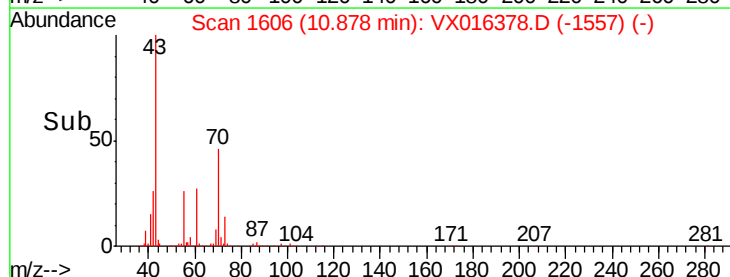
60000

40000

20000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 24.542 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampled :

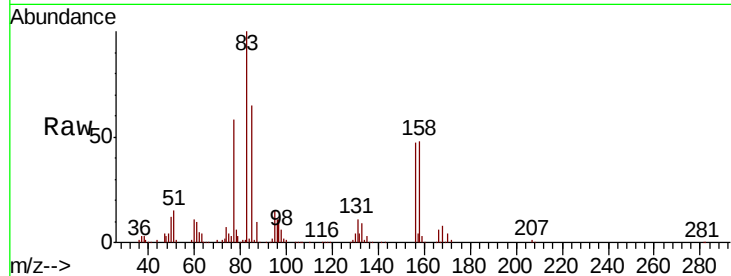
Tot Ion: 83 Resp: 58921

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

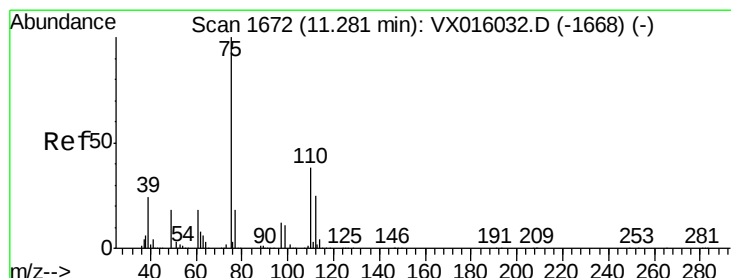
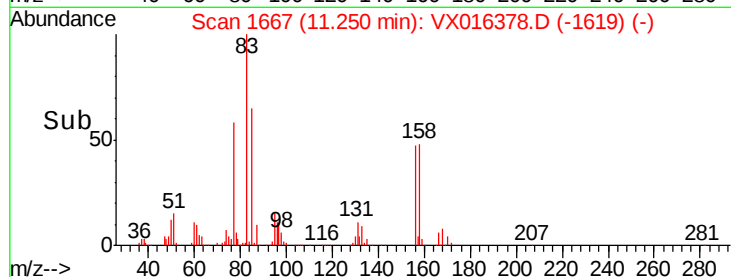
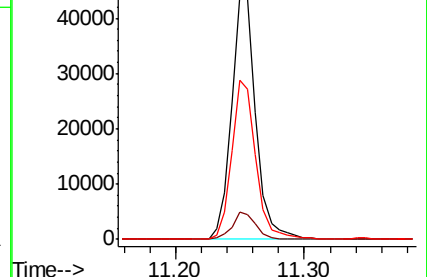
85 64.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.672 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016378.D

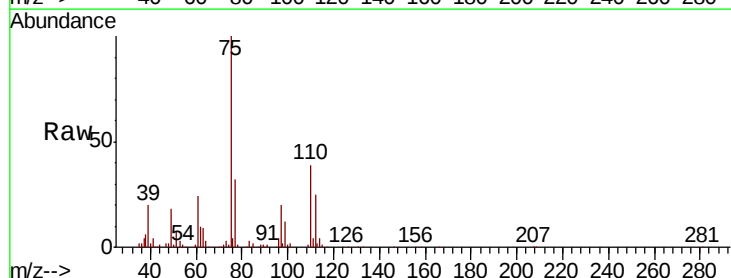
Acq: 21 May 2020 13:03

Tgt Ion: 75 Resp: 99276

Ion Ratio Lower Upper

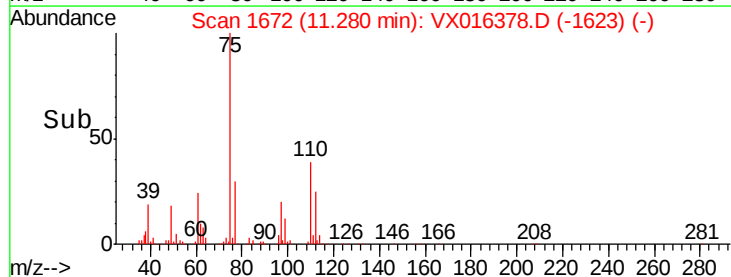
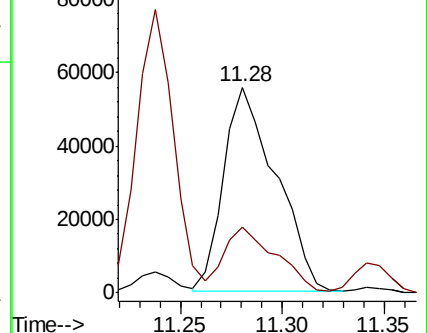
75 100

77 32.1 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.053 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

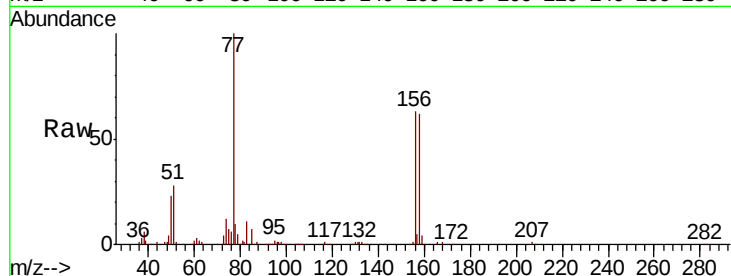
Tot Ion:156 Resp: 62637

Ion Ratio Lower Upper

156 100

77 156.0 80.1 240.3

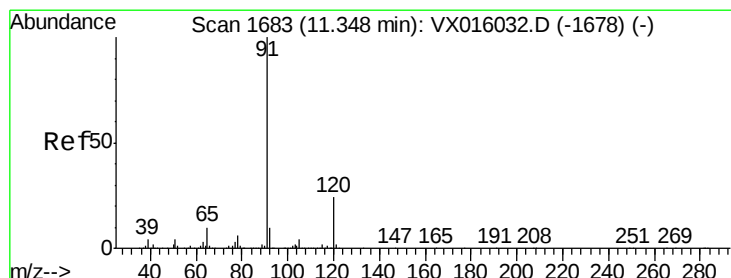
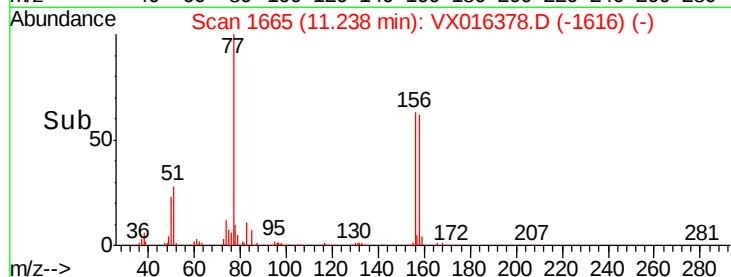
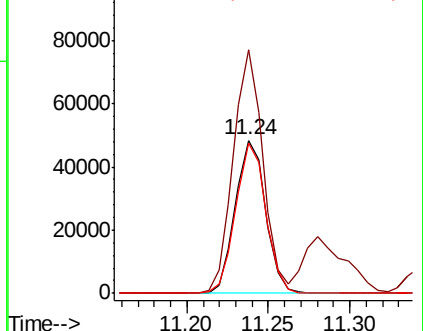
158 97.4 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.584 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016378.D

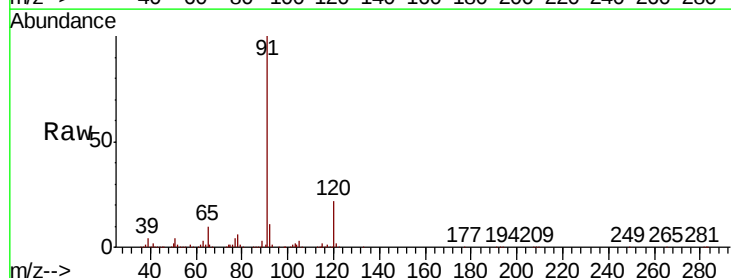
Acq: 21 May 2020 13:03

Tgt Ion: 91 Resp: 274983

Ion Ratio Lower Upper

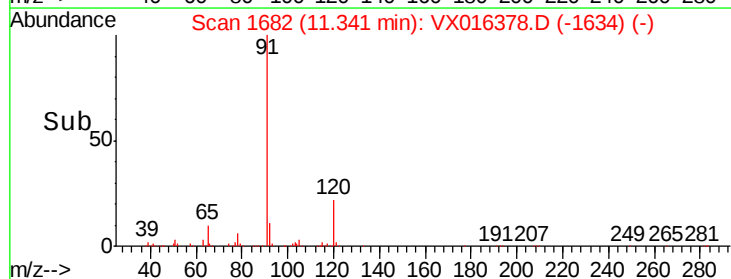
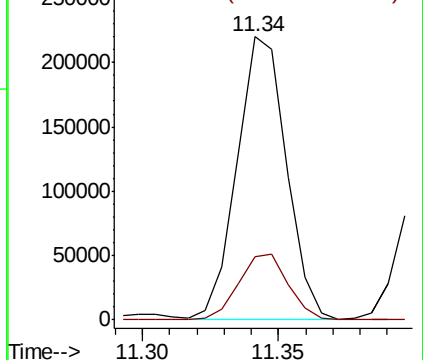
91 100

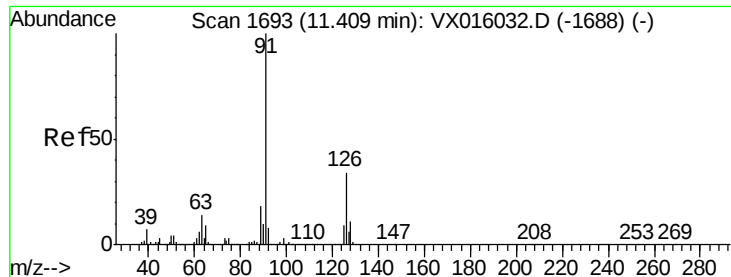
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

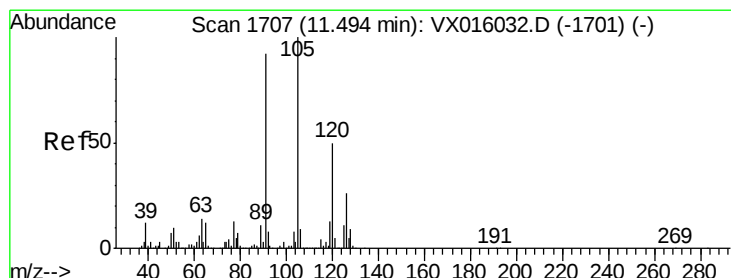
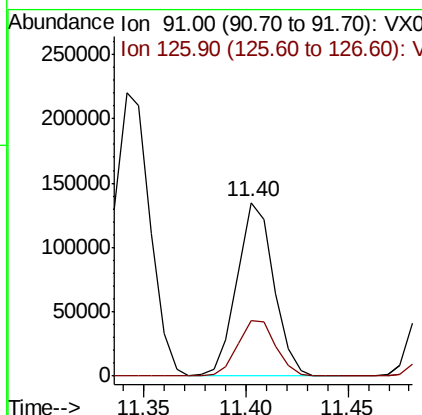
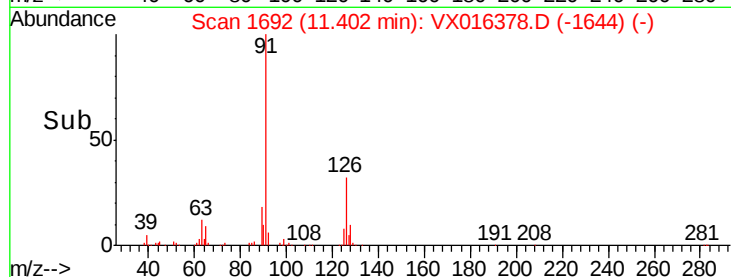
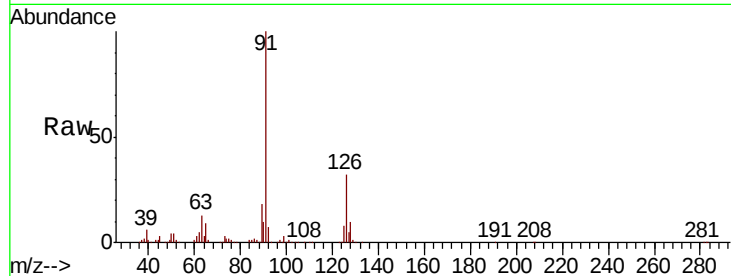




#79
 2-Chlorotoluene
 Concen: 18.157 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

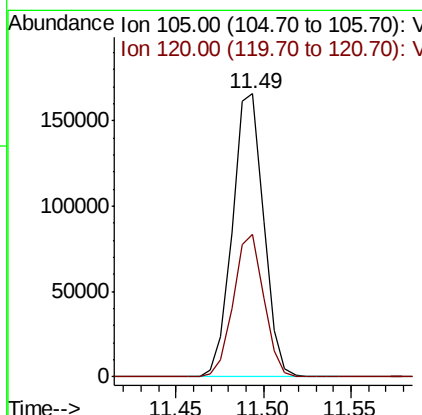
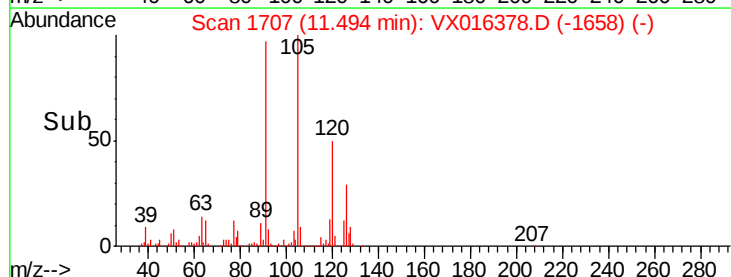
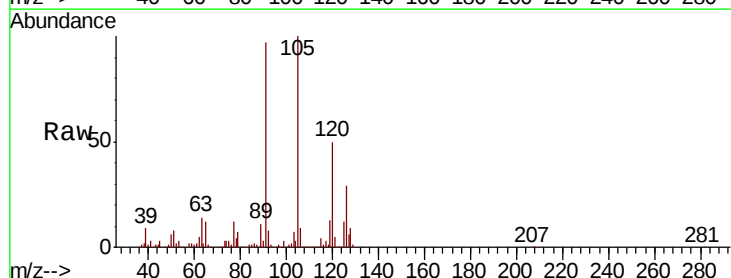
Instrument :
 MSVOA_X
 ClientSampleId :

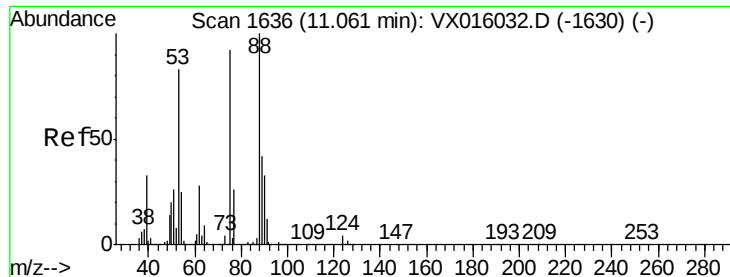
Tot Ion: 91 Resp: 167607
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.163 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion: 105 Resp: 206141
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.650 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

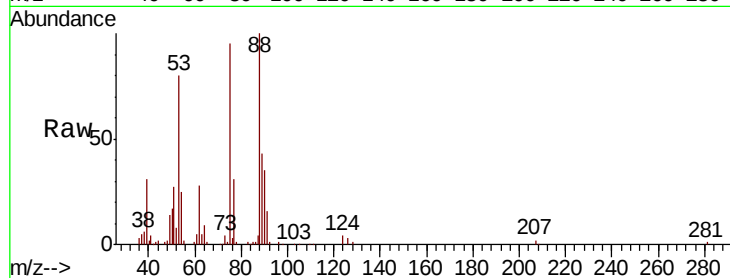
Tot Ion: 75 Resp: 29301

Ion Ratio Lower Upper

75 100

53 88.1 73.1 109.7

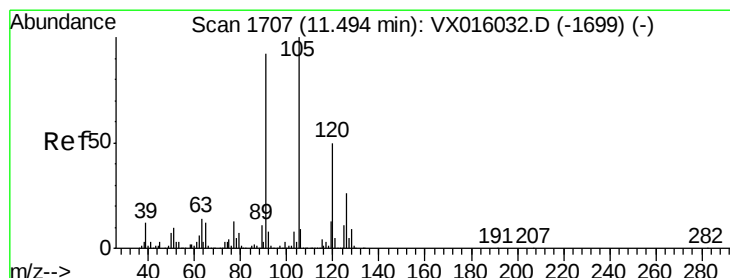
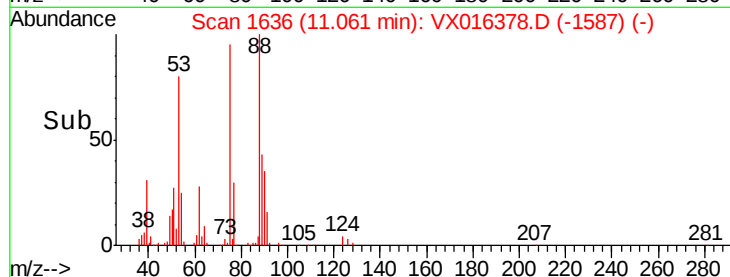
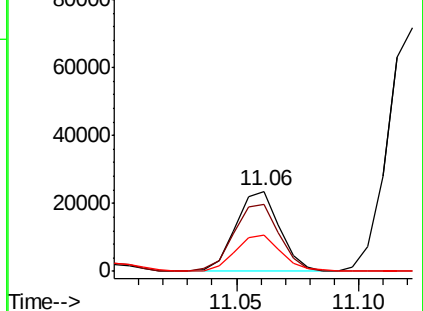
89 48.3 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.927 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016378.D

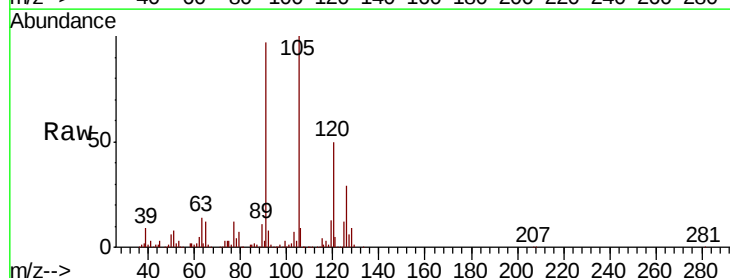
Acq: 21 May 2020 13:03

Tgt Ion: 91 Resp: 195407

Ion Ratio Lower Upper

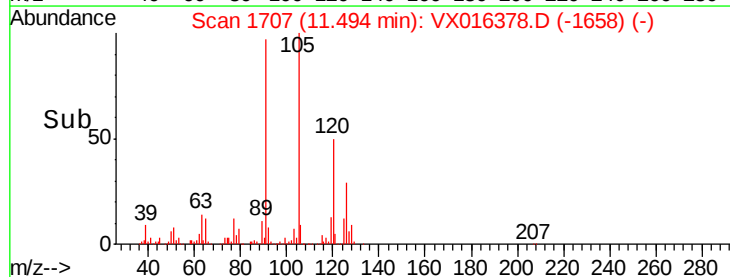
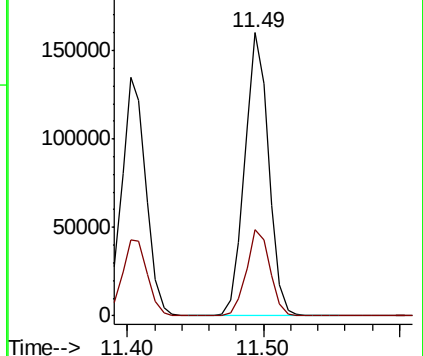
91 100

126 30.3 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.723 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

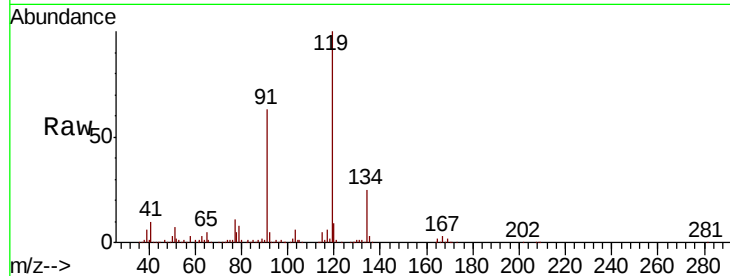
Tot Ion:119 Resp: 173353

Ion Ratio Lower Upper

119 100

91 62.4 32.8 98.4

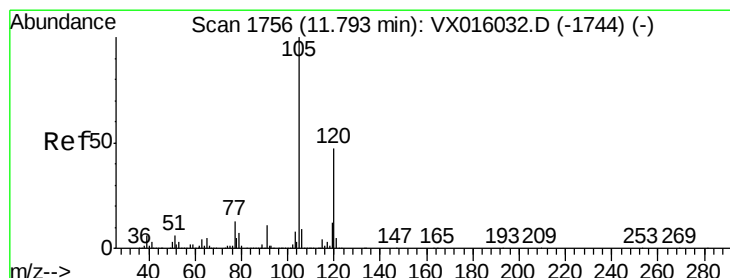
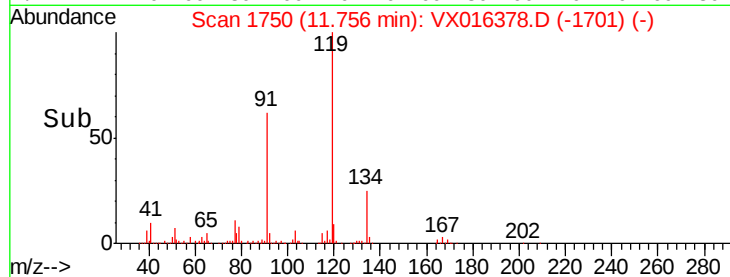
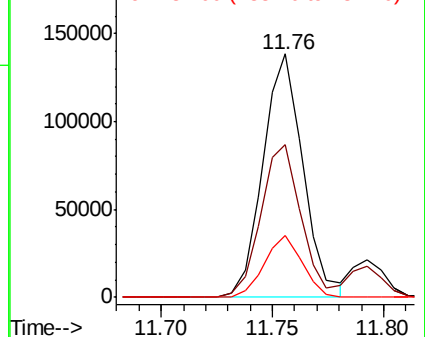
134 24.1 12.4 37.0



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: 18.124 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016378.D

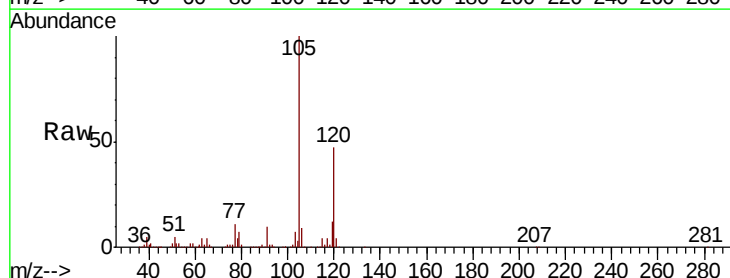
Acq: 21 May 2020 13:03

Tgt Ion:105 Resp: 207964

Ion Ratio Lower Upper

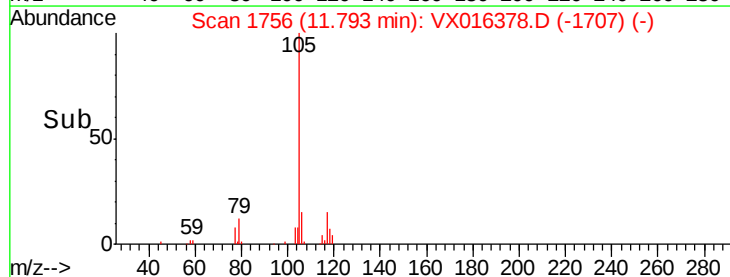
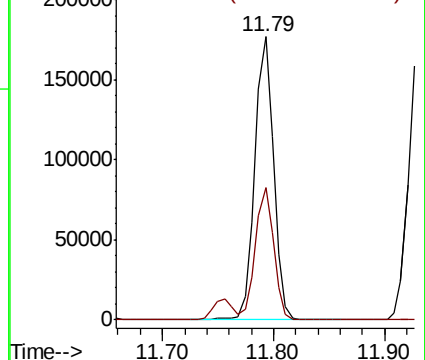
105 100

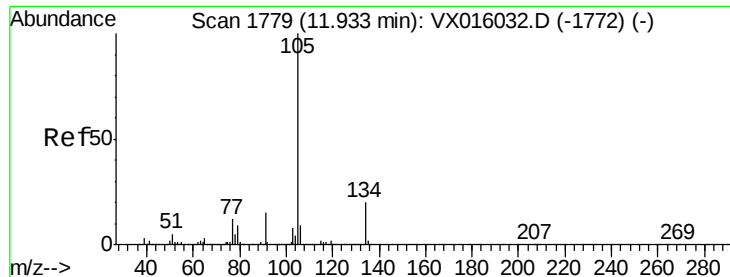
120 45.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 16.167 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

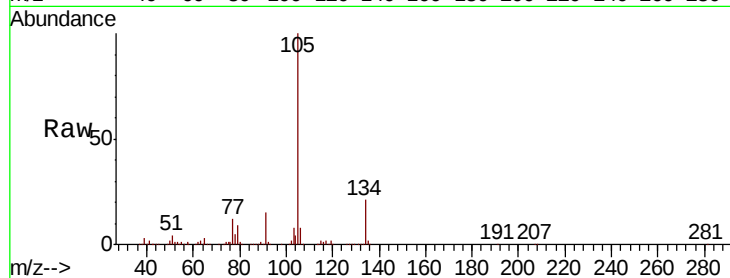
ClientSampleId :

Tot Ion:105 Resp: 213505

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

200000

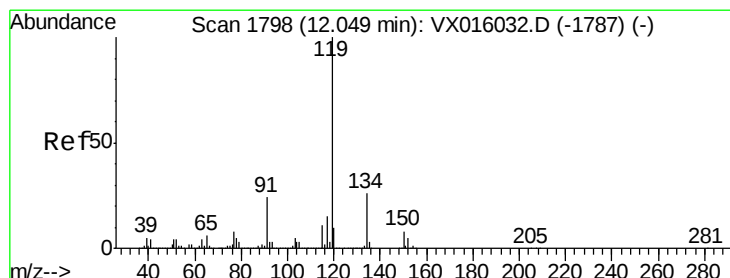
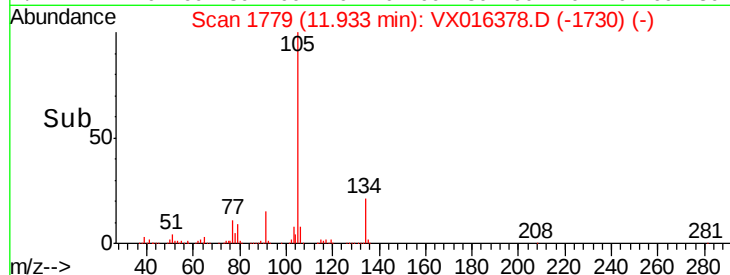
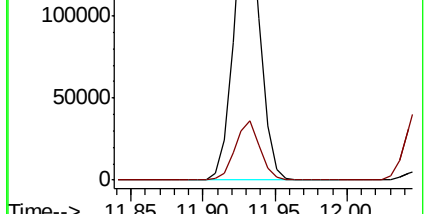
150000

100000

50000

0

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 16.432 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

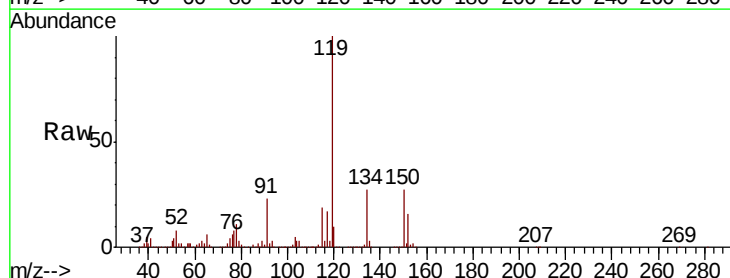
Tgt Ion:119 Resp: 201482

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.1 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

200000

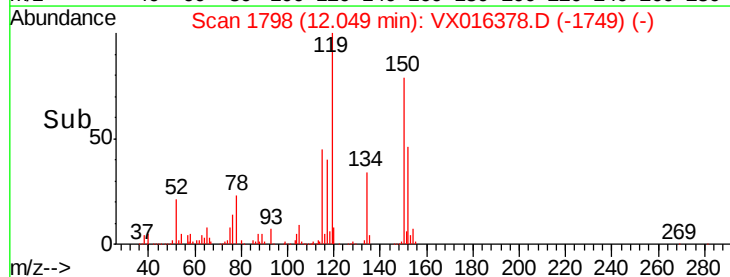
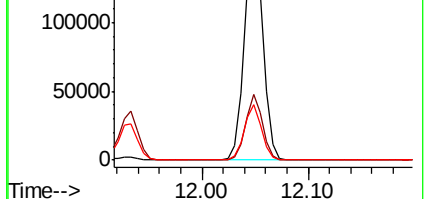
150000

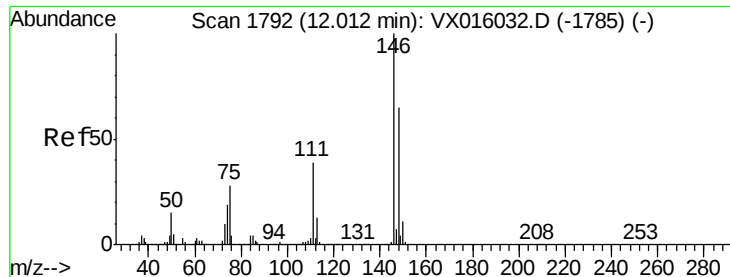
100000

50000

0

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 17.386 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016378.D

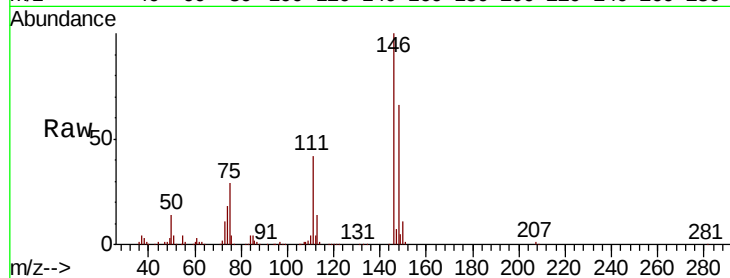
Acq: 21 May 2020 13:03

Instrument :

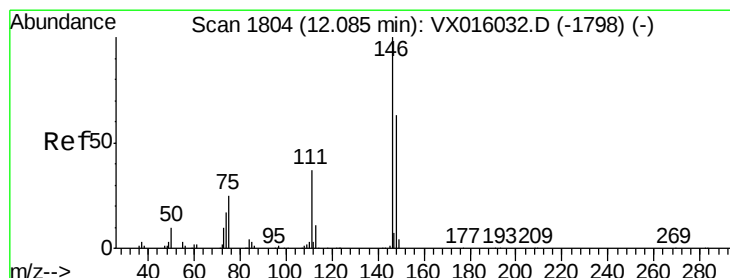
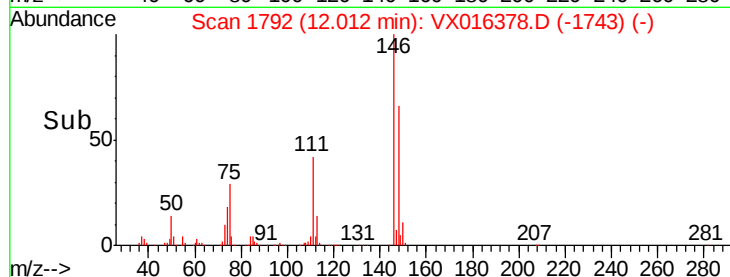
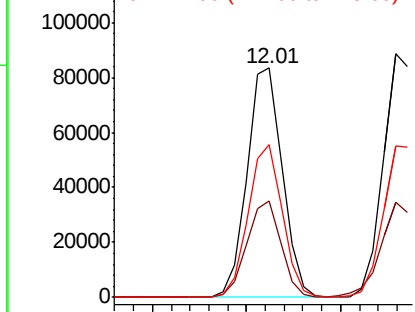
MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	108316
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.6
148	64.4	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: 17.813 ug/l

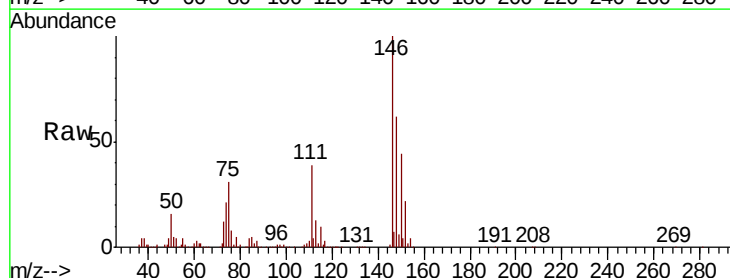
RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

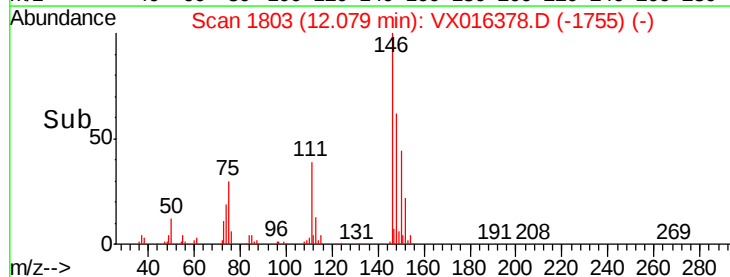
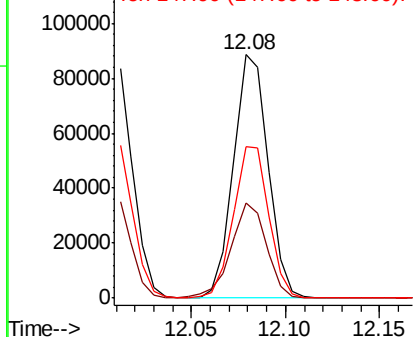
Lab File: VX016378.D

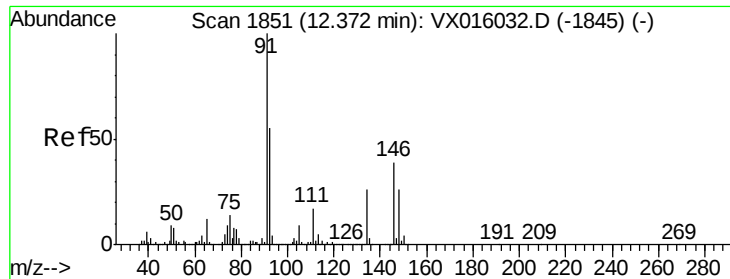
Acq: 21 May 2020 13:03

Tgt Ion:	146	Resp:	112639
Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.7
148	64.0	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

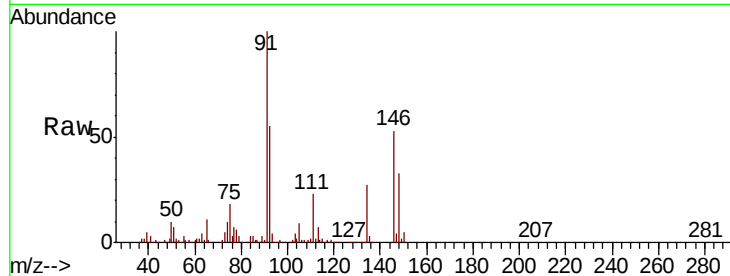




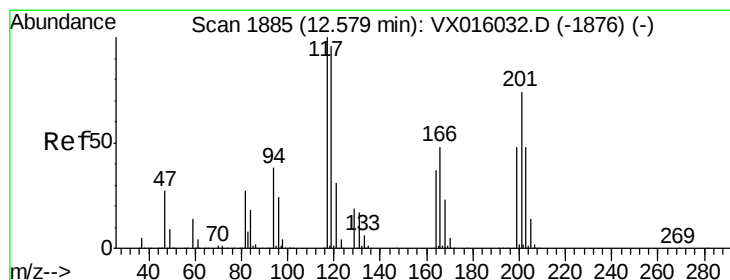
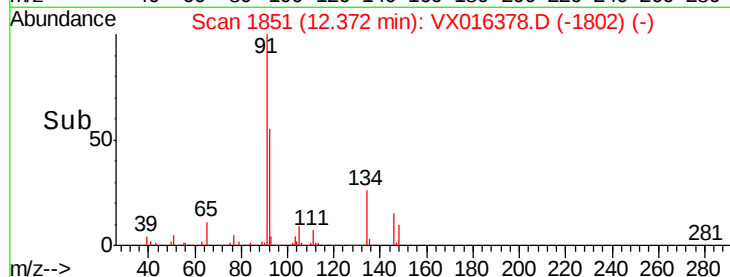
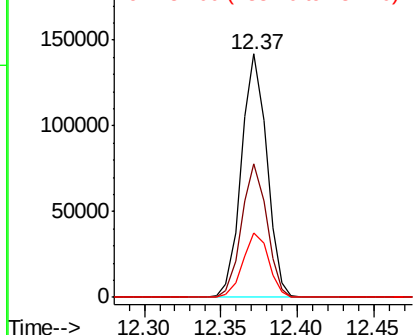
#89
n-Butylbenzene
Concen: 14.625 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 163822
Ion Ratio Lower Upper
91 100
92 54.6 27.6 82.7
134 26.9 13.4 40.1

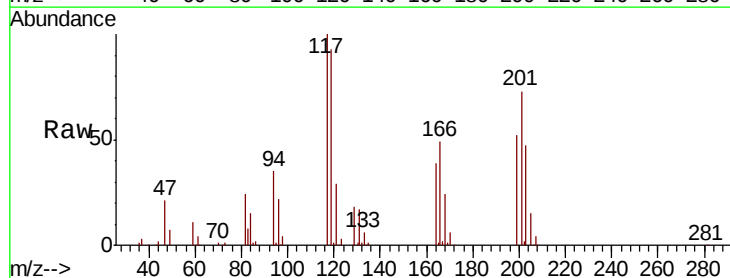


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

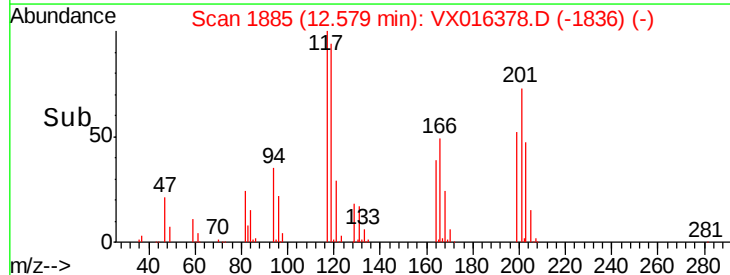
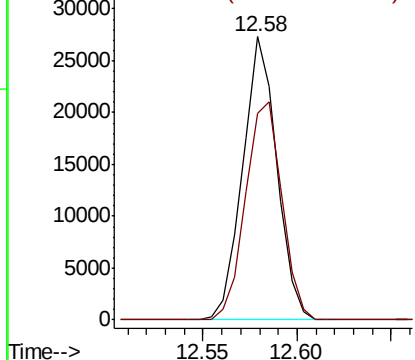


#90
Hexachloroethane
Concen: 16.303 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016378.D
Acq: 21 May 2020 13:03

Tgt Ion: 117 Resp: 34331
Ion Ratio Lower Upper
117 100
201 82.1 39.8 119.3



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





#91

1,2-Dichlorobenzene

Concen: 18.057 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

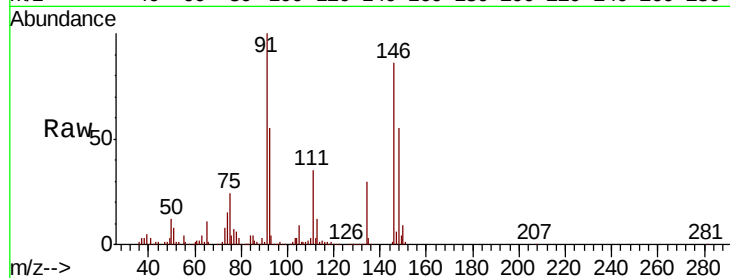
Tot Ion:146 Resp: 108320

Ion Ratio Lower Upper

146 100

111 41.5 21.1 63.1

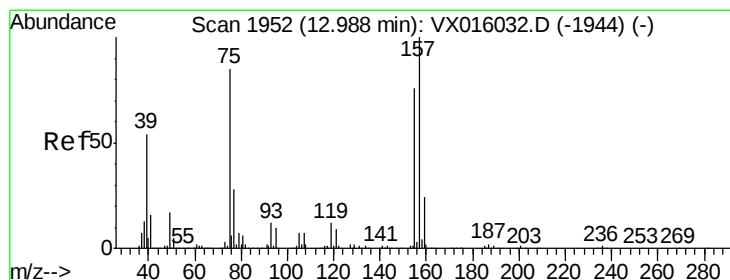
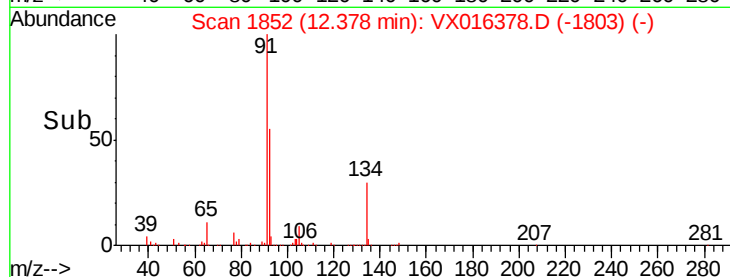
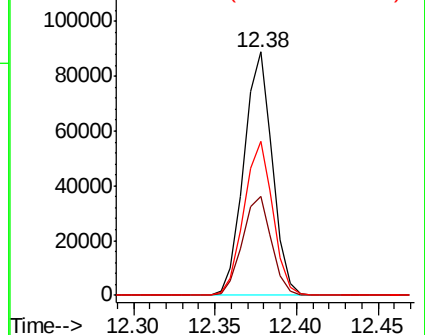
148 63.9 32.4 97.0



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: 16.062 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

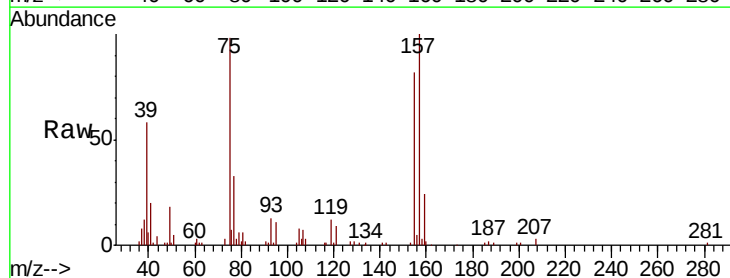
Tgt Ion: 75 Resp: 17754

Ion Ratio Lower Upper

75 100

155 89.8 42.5 127.5

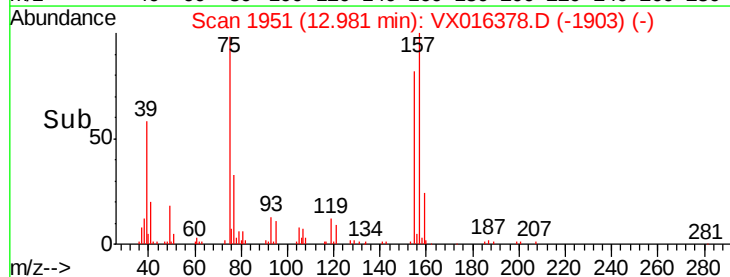
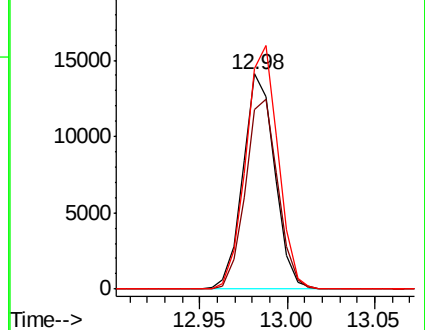
157 115.0 55.3 165.8



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

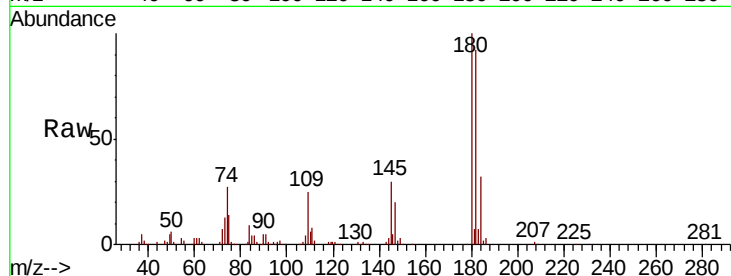




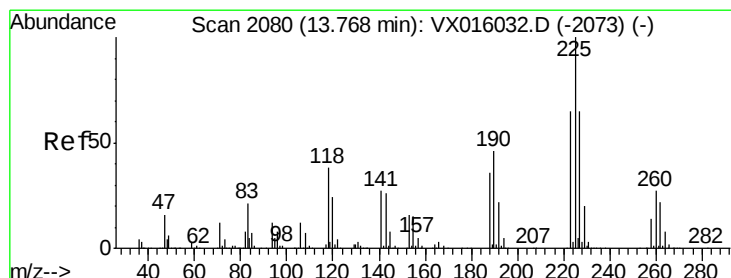
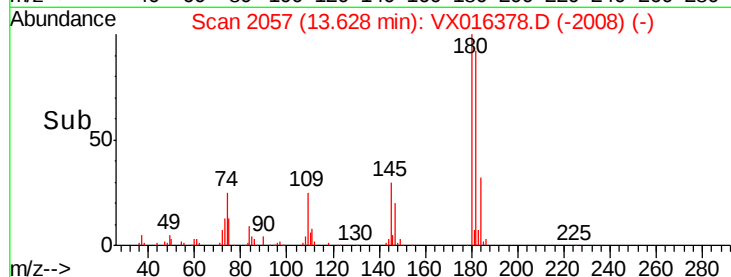
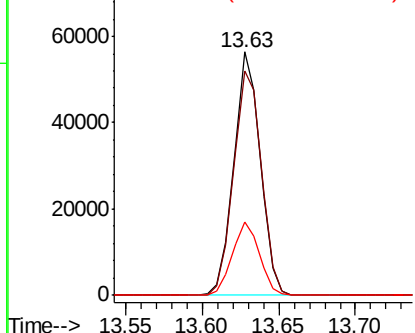
#93
 1,2,4-Trichlorobenzene
 Concen: 15.225 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 67620
 Ion Ratio Lower Upper
 180 100
 182 97.0 48.7 146.1
 145 31.0 15.7 47.1

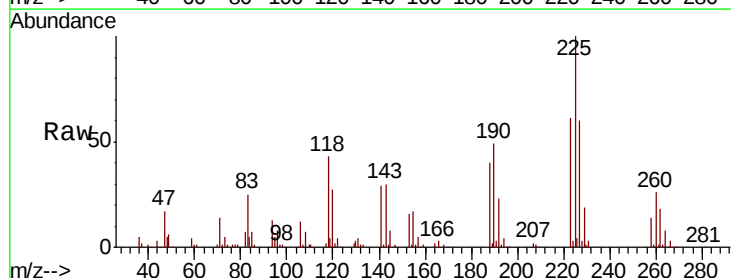


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

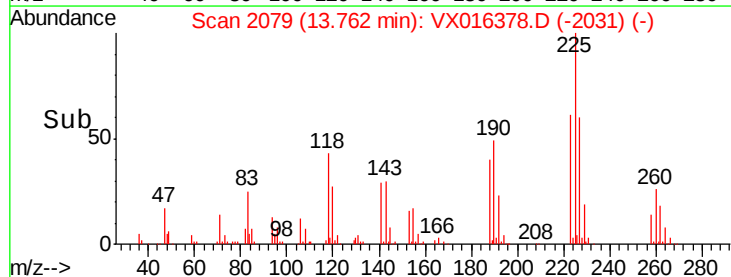
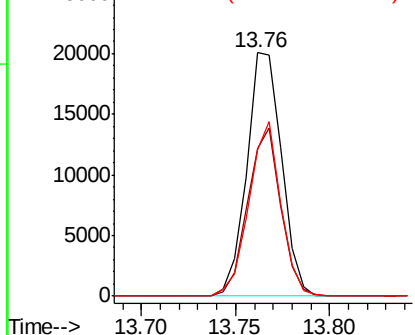


#94
 Hexachlorobutadiene
 Concen: 13.872 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016378.D
 Acq: 21 May 2020 13:03

Tgt Ion:225 Resp: 25798
 Ion Ratio Lower Upper
 225 100
 223 65.1 32.3 96.9
 227 65.4 31.8 95.4



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





#95

Naphthalene

Concen: 16.408 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

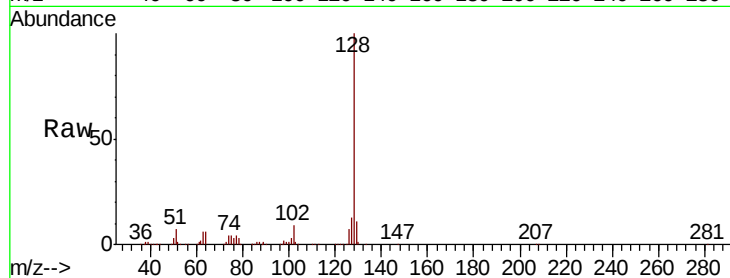
Instrument :

MSVOA_X

ClientSampled :

Tot Ion:128 Resp: 235959

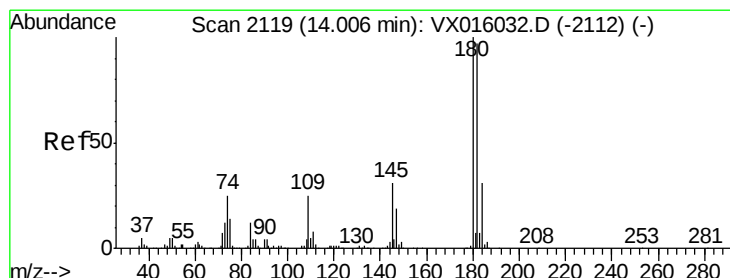
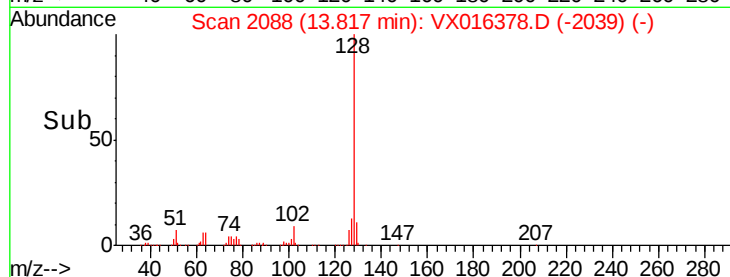
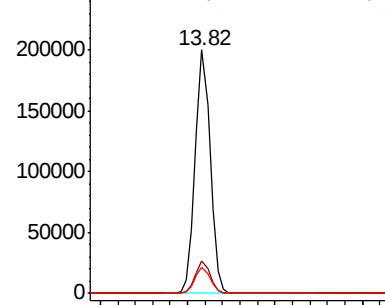
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.7	13.1



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: 14.874 ug/l

RT: 14.00 min Scan# 2118

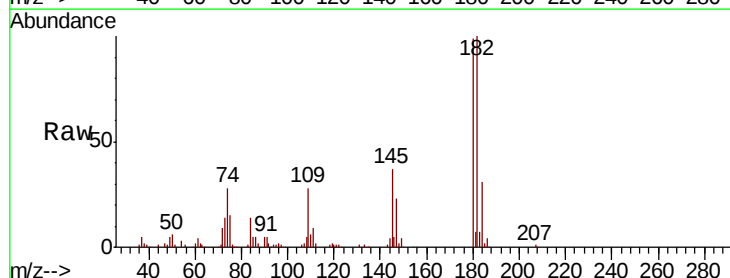
Delta R.T. -0.01 min

Lab File: VX016378.D

Acq: 21 May 2020 13:03

Tgt Ion:180 Resp: 64561

Ion	Ratio	Lower	Upper
180	100		
182	99.1	48.4	145.0
145	33.7	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

