

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016353.D
 Acq On : 20 May 2020 12:27
 Operator : JC/SP
 Sample : VX0520WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

Quant Time: May 21 03:50:33 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	261345	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	412905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	373879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190353	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	143576	41.75	ug/l	0.00
Spiked Amount			Recovery	=	83.50%	
35) Dibromofluoromethane	5.46	113	115963	44.33	ug/l	0.00
Spiked Amount			Recovery	=	88.66%	
50) Toluene-d8	8.70	98	460221	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	
62) 4-Bromofluorobenzene	11.12	95	178280	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	46482	16.803	ug/l	98
3) Chloromethane	1.31	50	52019	16.192	ug/l	99
4) Vinyl Chloride	1.39	62	55118	16.081	ug/l	100
5) Bromomethane	1.63	94	34353	19.881	ug/l	99
6) Chloroethane	1.71	64	33952	16.280	ug/l	99
7) Trichlorofluoromethane	1.92	101	75259	16.725	ug/l	97
8) Diethyl Ether	2.17	74	32120	16.942	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43263	16.665	ug/l	98
10) Methyl Iodide	2.49	142	42589	12.213	ug/l	99
11) Tert butyl alcohol	3.00	59	67806	77.970	ug/l	99
12) 1,1-Dichloroethene	2.36	96	44596	16.415	ug/l	97
13) Acrolein	2.27	56	54850	100.791	ug/l	100
14) Allyl chloride	2.71	41	76645	15.387	ug/l	93
15) Acrylonitrile	3.11	53	151727	84.102	ug/l	98
16) Acetone	2.42	43	118289	77.088	ug/l	93
17) Carbon Disulfide	2.55	76	116839	14.173	ug/l	100
18) Methyl Acetate	2.75	43	66026	17.500	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	168834	18.028	ug/l	99
20) Methylene Chloride	2.83	84	53256	16.836	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	49481	16.344	ug/l	98
22) Diisopropyl ether	3.82	45	158242	16.839	ug/l	99
23) Vinyl Acetate	3.78	43	669202	80.942	ug/l	98
24) 1,1-Dichloroethane	3.67	63	89698	17.063	ug/l	98
25) 2-Butanone	4.63	43	201070	81.318	ug/l	97
26) 2,2-Dichloropropane	4.55	77	79664	16.594	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	58309	17.618	ug/l	95
28) Bromochloromethane	4.98	49	39114	16.318	ug/l	93
29) Tetrahydrofuran	5.09	42	129757	79.198	ug/l	95
30) Chloroform	5.17	83	92097	17.596	ug/l	100
31) Cyclohexane	5.55	56	74698	15.635	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	81016	17.028	ug/l	98
36) 1,1-Dichloropropene	5.77	75	67142	16.519	ug/l	100
37) Ethyl Acetate	4.79	43	76895	16.323	ug/l	98
38) Carbon Tetrachloride	5.75	117	71014	17.189	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	72582	14.829	ug/l	97
40) Benzene	6.11	78	211191	17.758	ug/l	98
41) Methacrylonitrile	5.00	41	41540	16.328	ug/l	97
42) 1,2-Dichloroethane	6.16	62	71852	16.772	ug/l	97
43) Isopropyl Acetate	6.41	43	124403	16.551	ug/l	96
44) Trichloroethene	7.19	130	72183	17.085	ug/l	97
45) 1,2-Dichloropropane	7.49	63	53790	17.875	ug/l	98
46) Dibromomethane	7.63	93	36989	18.088	ug/l	100
47) Bromodichloromethane	7.87	83	74194	17.814	ug/l	97
48) Methyl methacrylate	7.74	41	58117	16.318	ug/l	94
49) 1,4-Dioxane	7.71	88	28162	329.694	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	393254	85.499	ug/l	96
52) Toluene	8.76	92	134350	18.124	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	87316	17.583	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	92135	17.763	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	54459	18.673	ug/l	99
56) Ethyl methacrylate	9.16	69	87648	18.411	ug/l	92
57) 1,3-Dichloropropane	9.35	76	93970	18.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	218291	86.131	ug/l	99
59) 2-Hexanone	9.47	43	299234	82.841	ug/l	95
60) Dibromochloromethane	9.57	129	59743	18.600	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57276	18.131	ug/l	100
64) Tetrachloroethene	9.32	164	80477	17.534	ug/l	98
65) Chlorobenzene	10.12	112	143834	18.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	55540	19.195	ug/l	98
67) Ethyl Benzene	10.23	91	251538	18.008	ug/l	99
68) m/p-Xylenes	10.34	106	191498	36.592	ug/l	100
69) o-Xylene	10.68	106	93177	18.522	ug/l	97
70) Styrene	10.70	104	157795	18.490	ug/l	99
71) Bromoform	10.84	173	45112	19.136	ug/l #	99
73) Isopropylbenzene	11.00	105	242940	17.547	ug/l	100
74) N-amyl acetate	10.88	43	104809	16.229	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	53877	22.115	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	102205	23.661	ug/l	85
77) Bromobenzene	11.24	156	64210	17.968	ug/l	97
78) n-propylbenzene	11.34	91	273489	16.980	ug/l	100
79) 2-Chlorotoluene	11.40	91	168225	17.694	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	199252	17.045	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	31411	17.329	ug/l	96
82) 4-Chlorotoluene	11.49	91	195793	17.439	ug/l	99
83) tert-Butylbenzene	11.76	119	168104	16.686	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	203718	17.237	ug/l	99
85) sec-Butylbenzene	11.93	105	210589	15.482	ug/l	100
86) p-Isopropyltoluene	12.05	119	199976	15.835	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	109968	17.138	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	112583	17.287	ug/l	97
89) n-Butylbenzene	12.37	91	165630	14.356	ug/l	99
90) Hexachloroethane	12.58	117	33786	15.577	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	110585	17.898	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18268	16.046	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
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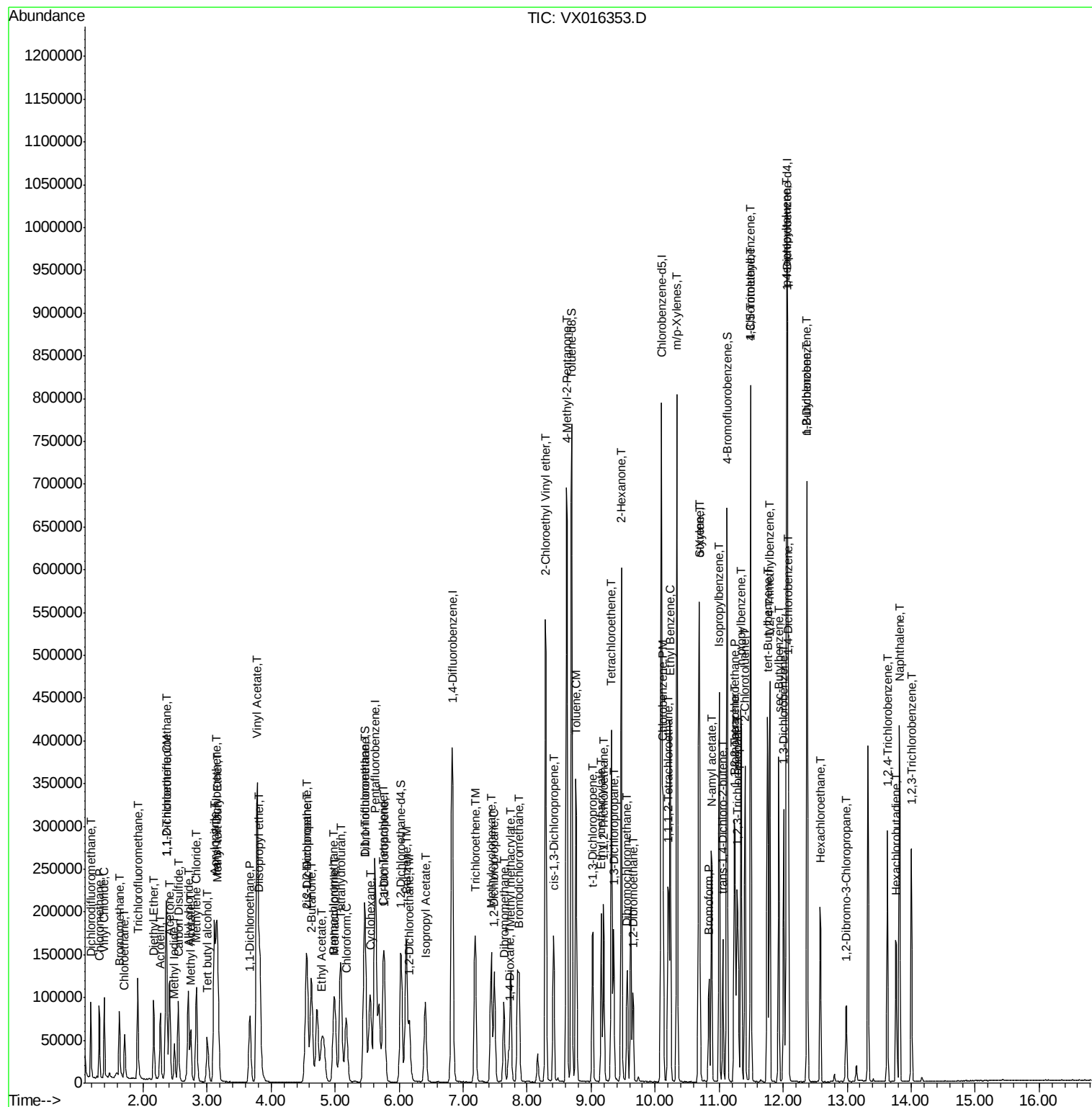
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71604	15.653	ug/l	97
94) Hexachlorobutadiene	13.76	225	26935	14.055	ug/l	98
95) Naphthalene	13.82	128	250018	16.880	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	69856	15.626	ug/l	100

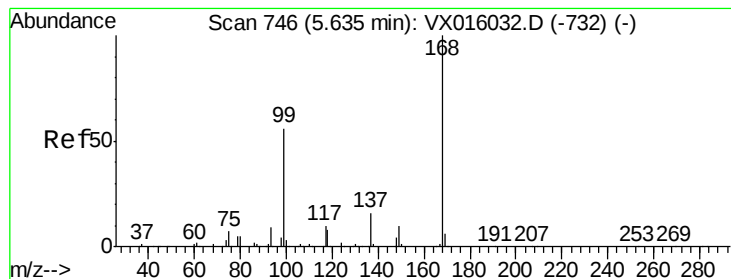
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052020\
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Quant Time: May 21 03:50:33 2020
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

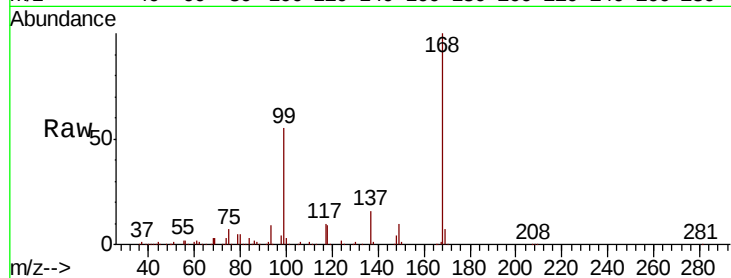
VX0520WBSD01

Tot Ion:168 Resp: 261345

Ion Ratio Lower Upper

168 100

99 54.8 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

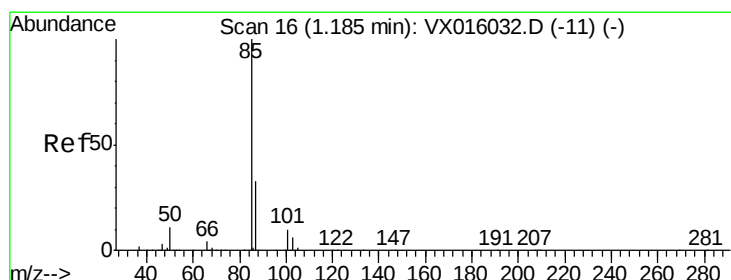
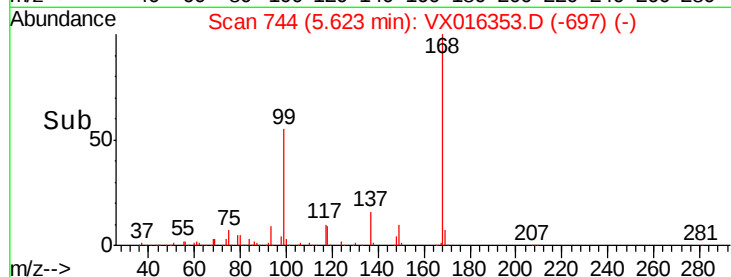
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.803 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016353.D

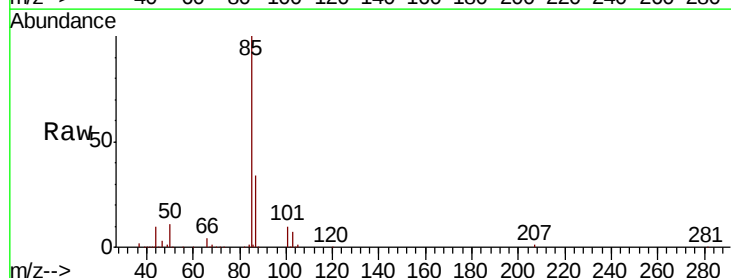
Acq: 20 May 2020 12:27

Tgt Ion: 85 Resp: 46482

Ion Ratio Lower Upper

85 100

87 34.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

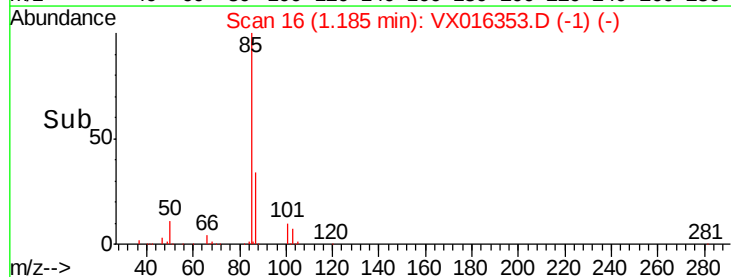
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.192 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

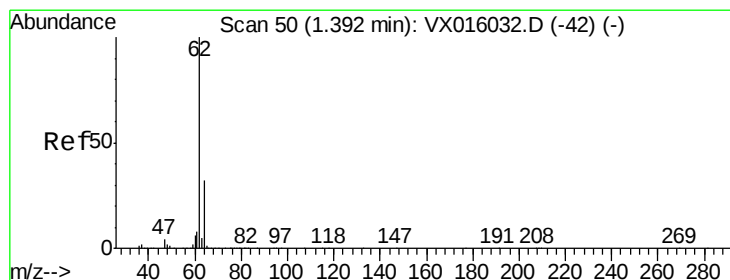
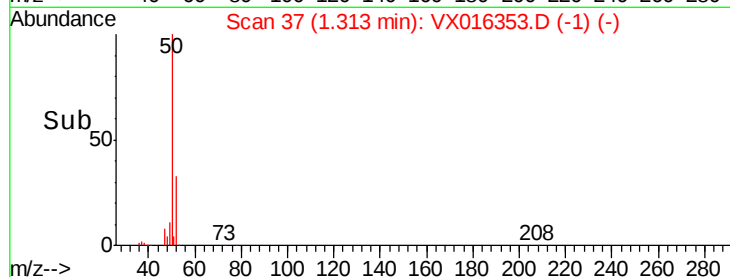
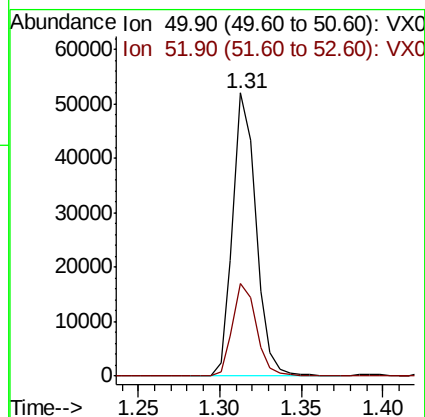
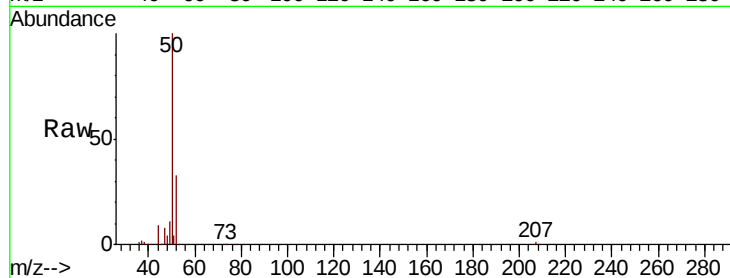
VX0520WBSD01

Tot Ion: 50 Resp: 52019

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 16.081 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016353.D

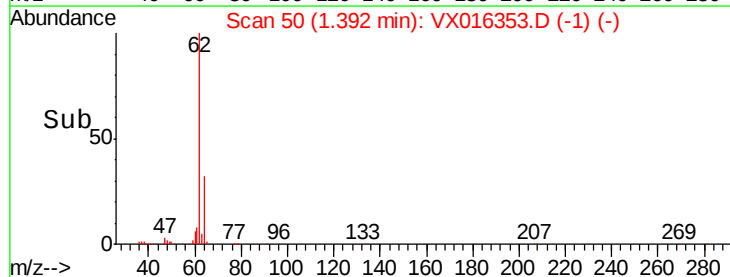
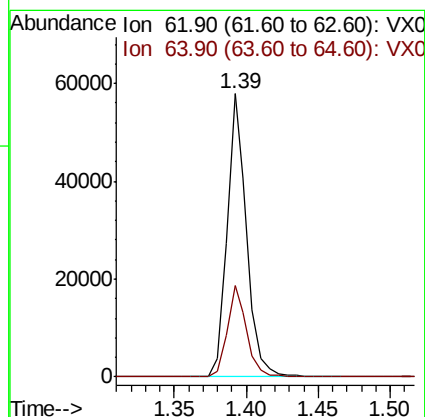
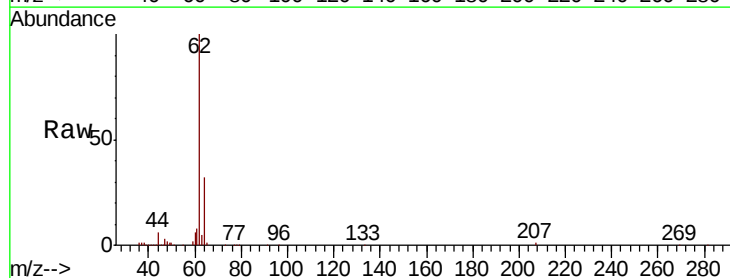
Acq: 20 May 2020 12:27

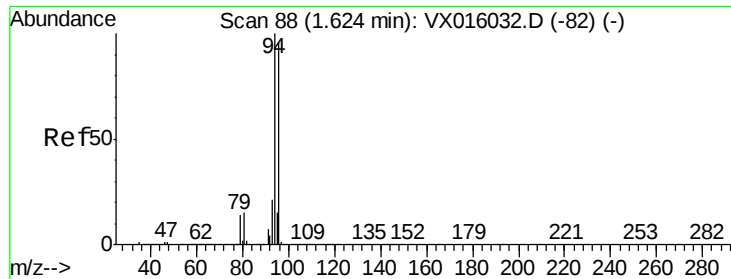
Tgt Ion: 62 Resp: 55118

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 19.881 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

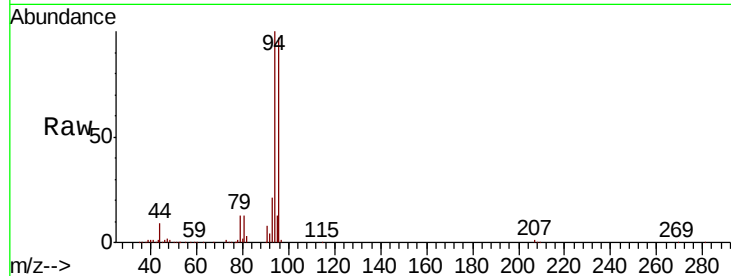
VX0520WBSD01

Tot Ion: 94 Resp: 34353

Ion Ratio Lower Upper

94 100

96 97.0 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

30000

25000

20000

15000

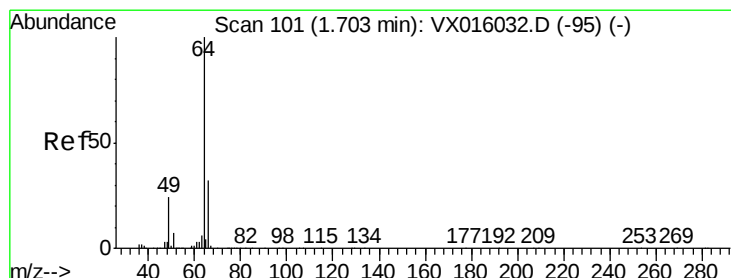
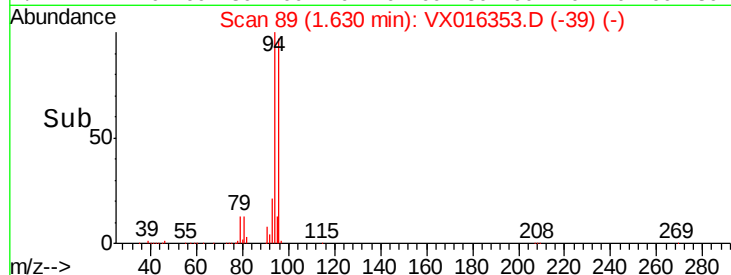
10000

5000

0

Time--> 1.55 1.60 1.65 1.70

1.63



#6

Chloroethane

Concen: 16.280 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016353.D

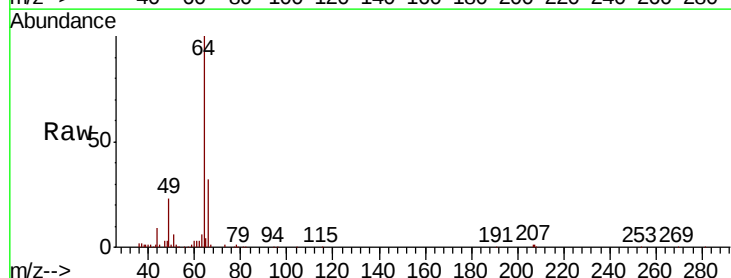
Acq: 20 May 2020 12:27

Tgt Ion: 64 Resp: 33952

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

25000

20000

15000

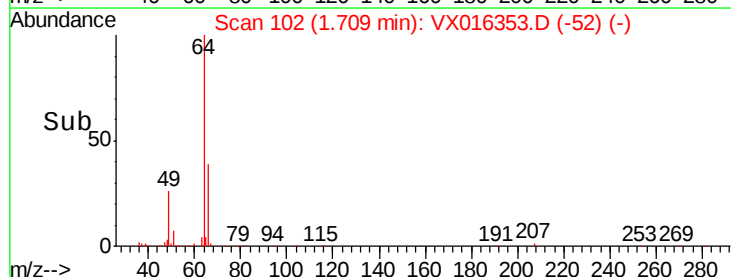
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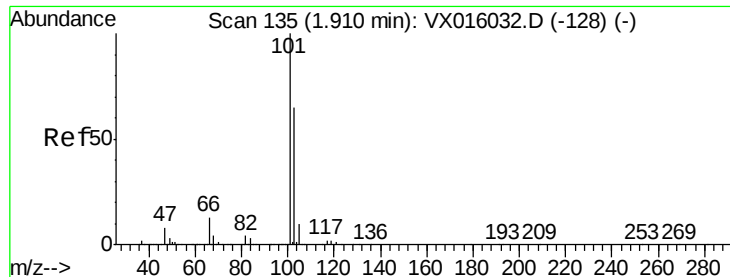
5000

0

Time--> 1.65 1.70 1.75 1.80

1.71



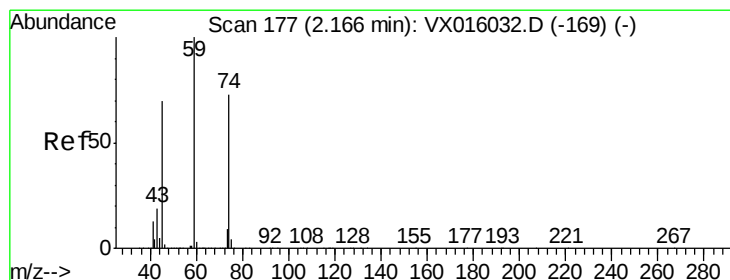
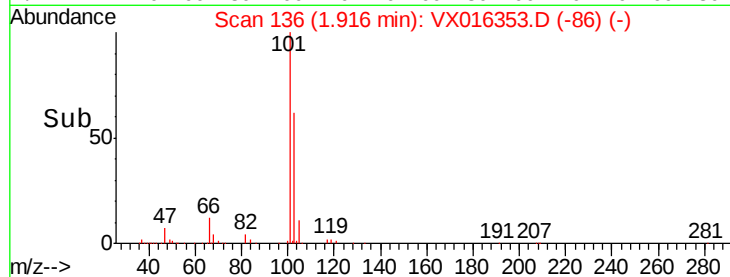
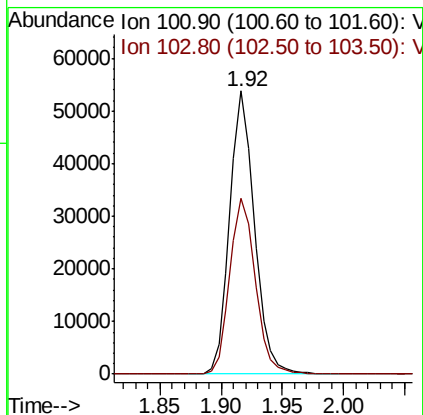
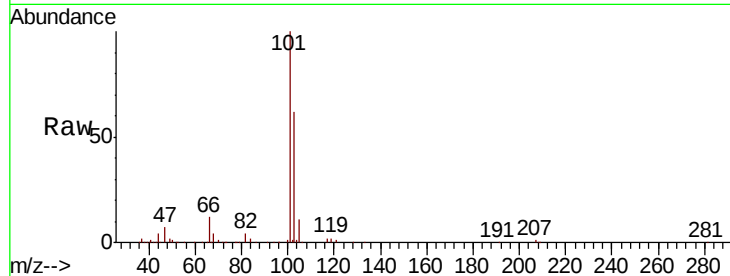


#7

Trichlorofluoromethane
Concen: 16.725 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
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VX0520WBSD01

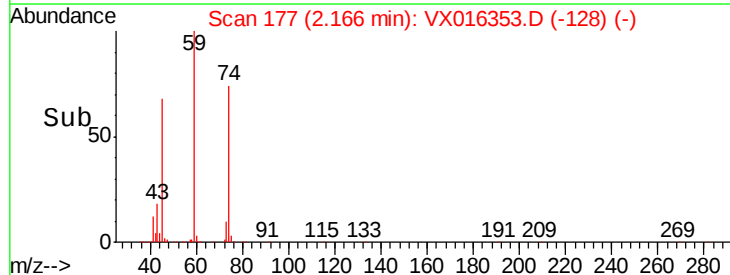
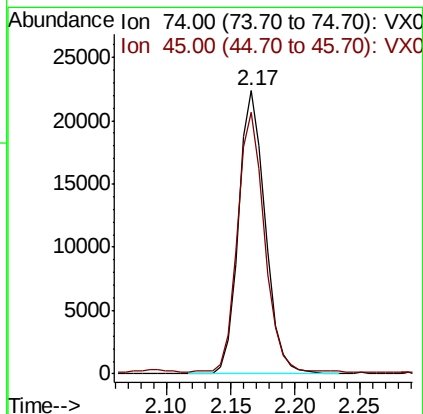
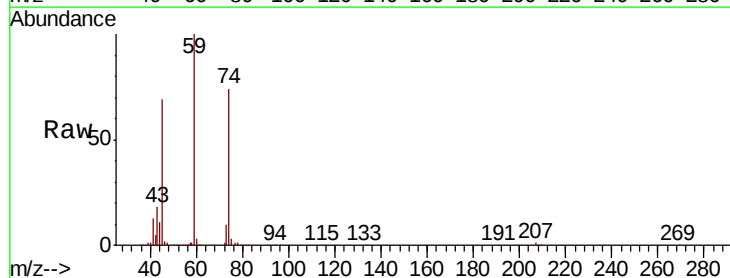
Tot Ion:101 Resp: 75259
Ion Ratio Lower Upper
101 100
103 62.1 51.8 77.6

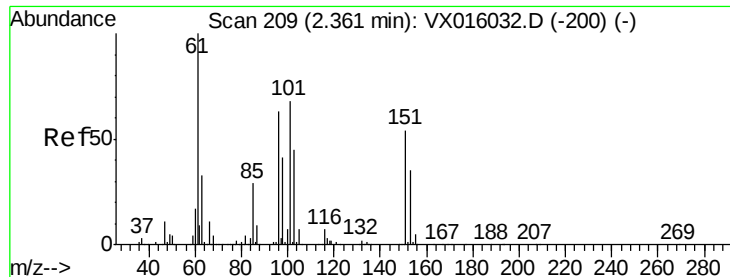


#8

Diethyl Ether
Concen: 16.942 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion: 74 Resp: 32120
Ion Ratio Lower Upper
74 100
45 93.4 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.665 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

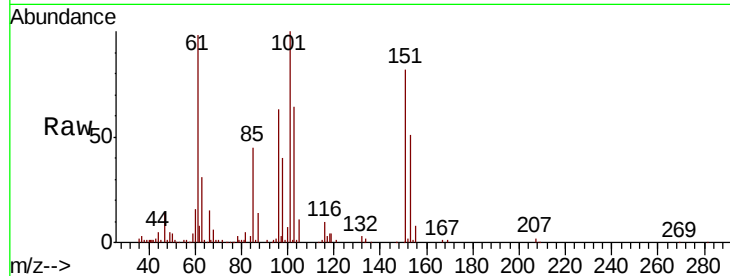
Tot Ion:101 Resp: 43263

Ion Ratio Lower Upper

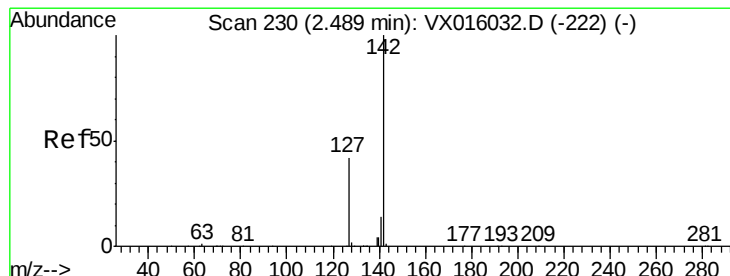
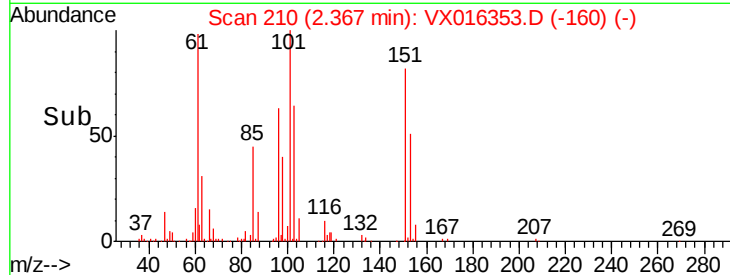
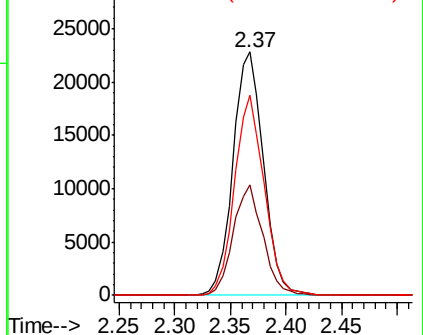
101 100

85 43.7 34.2 51.4

151 80.0 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.213 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

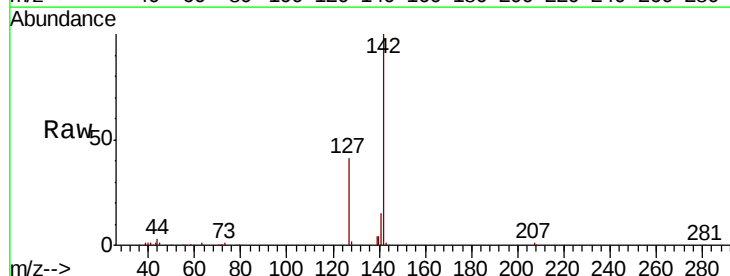
Tgt Ion:142 Resp: 42589

Ion Ratio Lower Upper

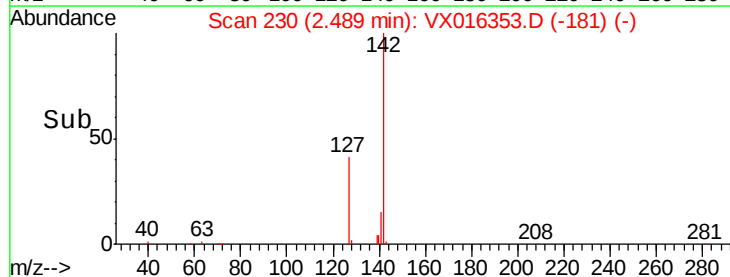
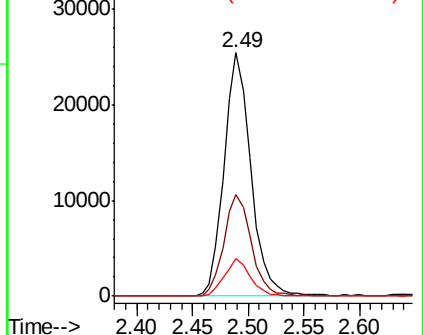
142 100

127 42.7 34.6 52.0

141 14.8 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



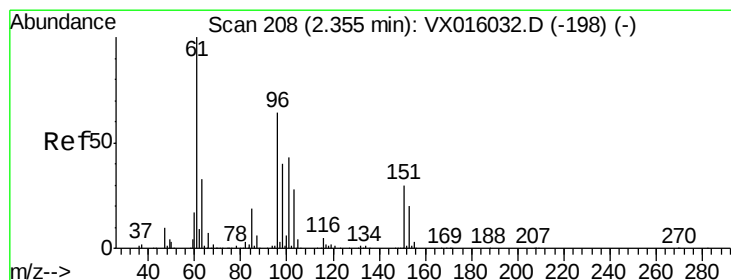
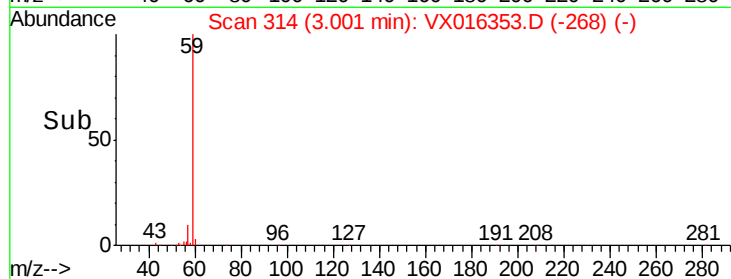
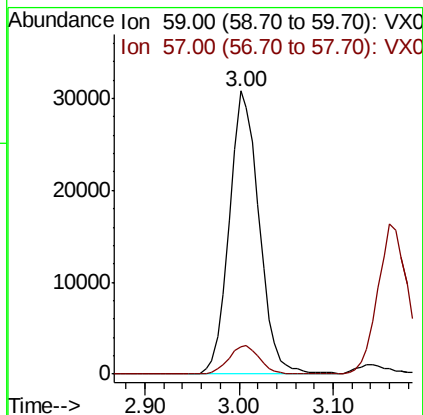
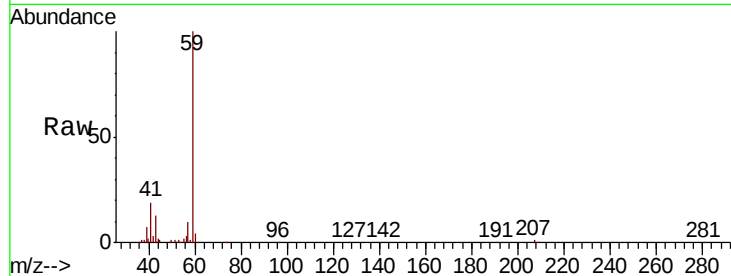


#11

Tert butyl alcohol
 Concen: 77.970 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

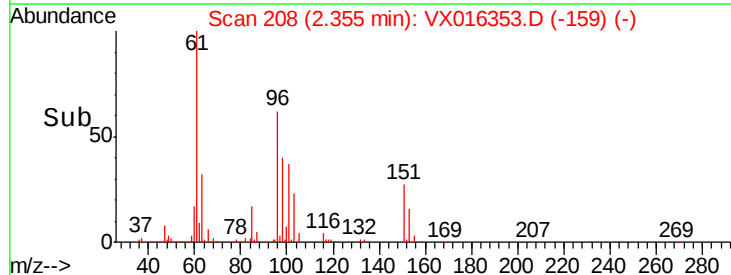
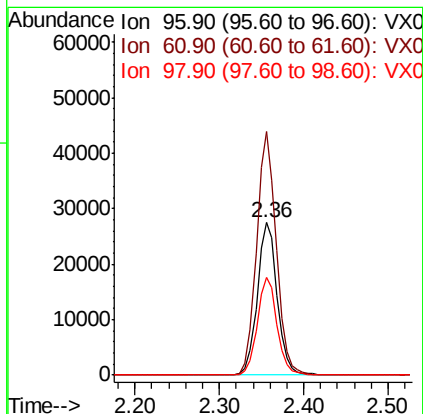
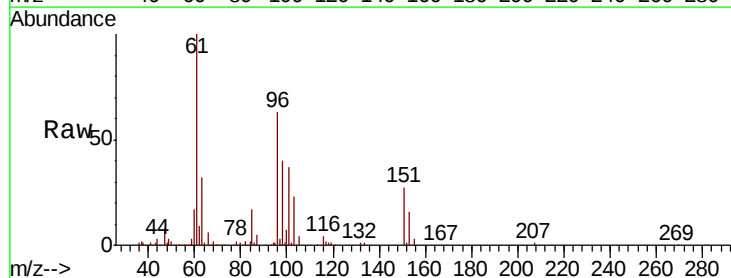
Tot Ion: 59 Resp: 67806
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 16.415 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Tgt Ion: 96 Resp: 44596
 Ion Ratio Lower Upper
 96 100
 61 159.8 124.8 187.2
 98 64.3 49.7 74.5





#13

Acrolein

Concen: 100.791 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

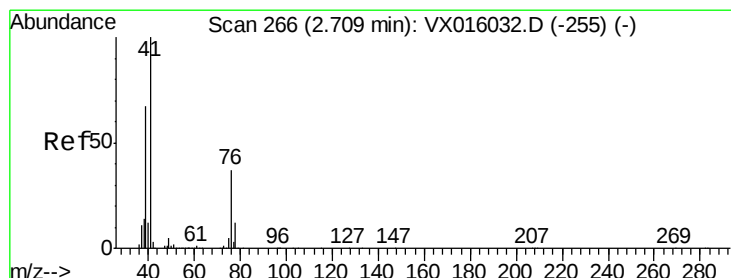
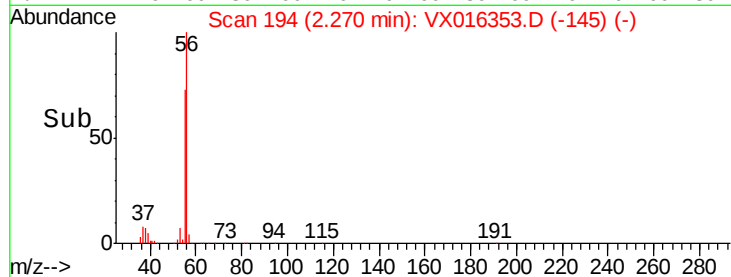
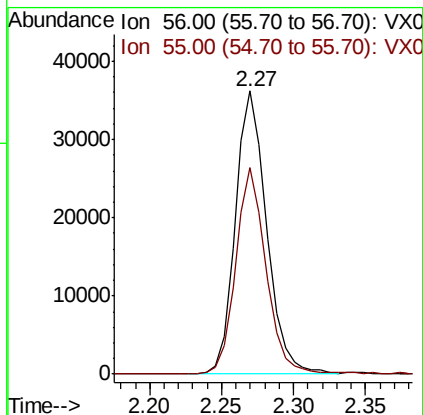
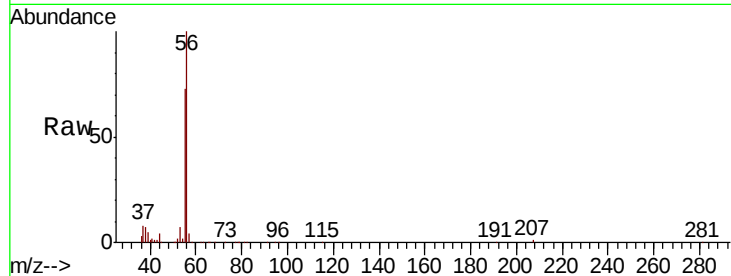
VX0520WBSD01

Tot Ion: 56 Resp: 54850

Ion Ratio Lower Upper

56 100

55 70.2 56.5 84.7



#14

Allyl chloride

Concen: 15.387 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

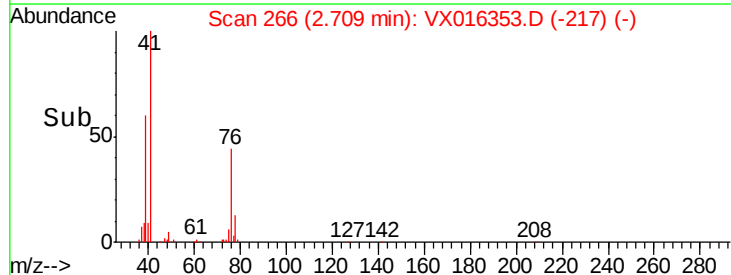
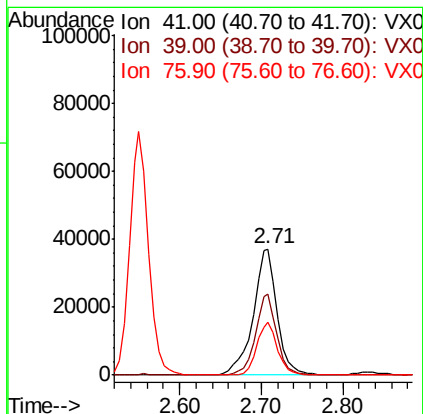
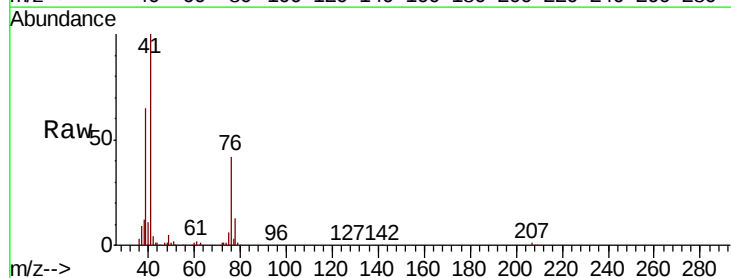
Tgt Ion: 41 Resp: 76645

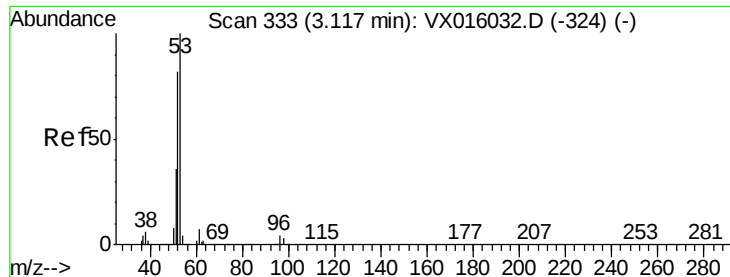
Ion Ratio Lower Upper

41 100

39 57.2 50.5 75.7

76 36.4 26.6 40.0





#15

Acrylonitrile

Concen: 84.102 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

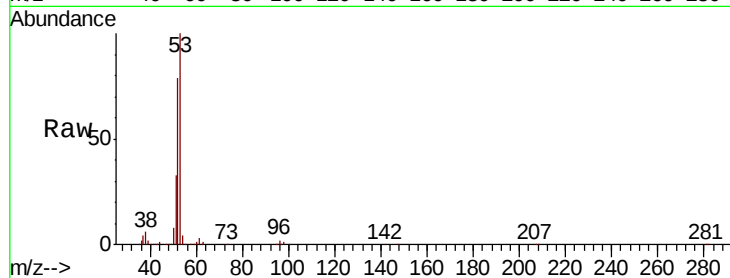
MSVOA_X

ClientSampleId :

VX0520WBSD01

Tot Ion: 53 Resp: 151727

Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.1	99.1
51	34.6	28.8	43.2

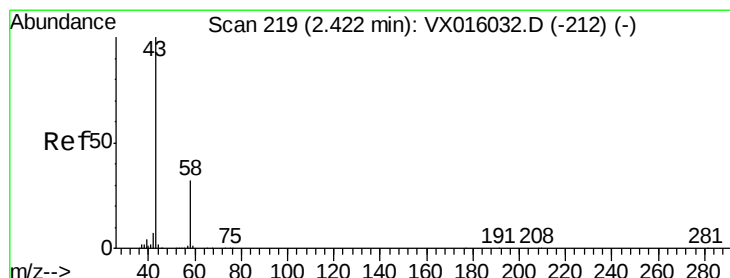
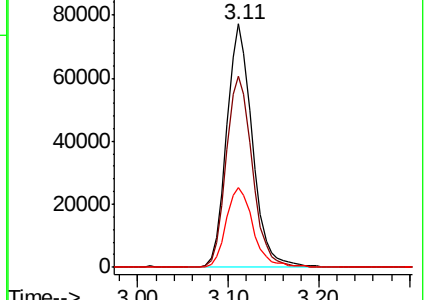
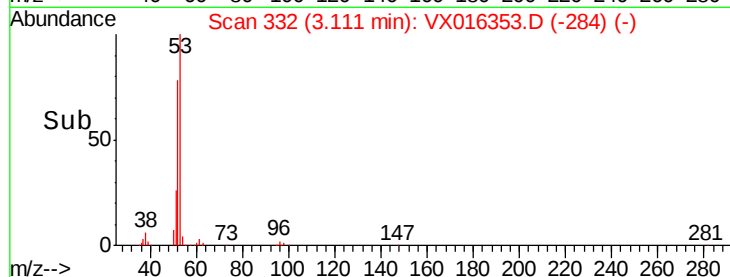


Abundance

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: 77.088 ug/l

RT: 2.42 min Scan# 218

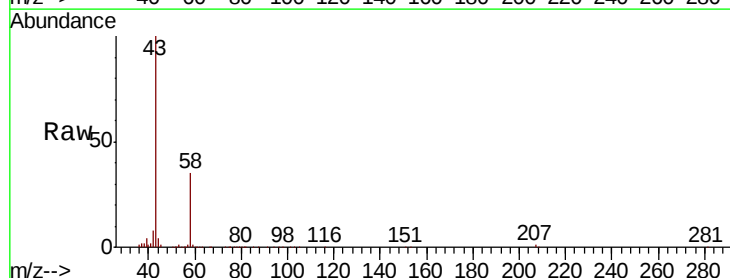
Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion: 43 Resp: 118289

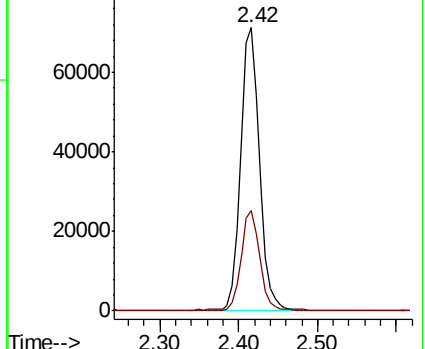
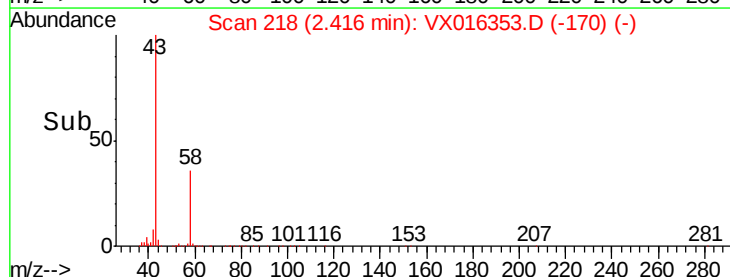
Ion	Ratio	Lower	Upper
43	100		
58	35.5	25.4	38.0

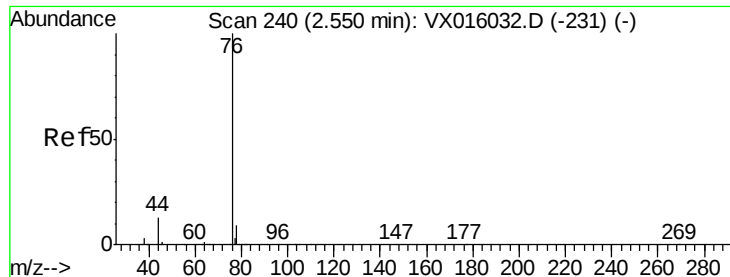


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.173 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

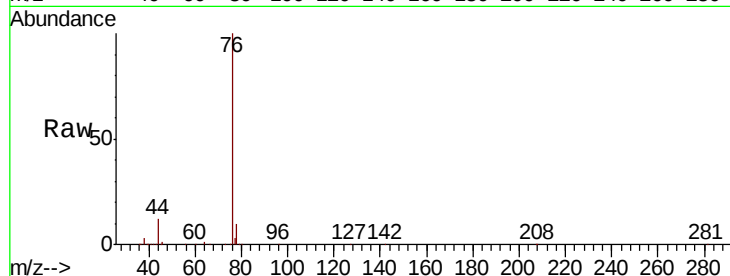
VX0520WBSD01

Tot Ion: 76 Resp: 116839

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

80000

60000

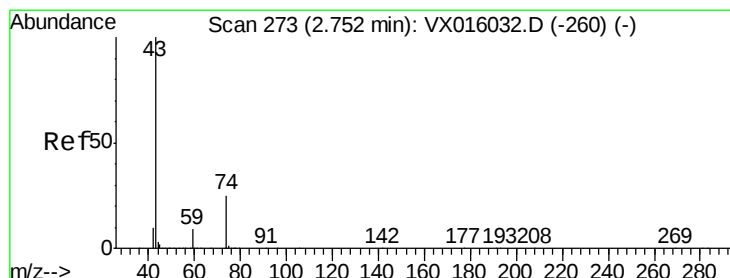
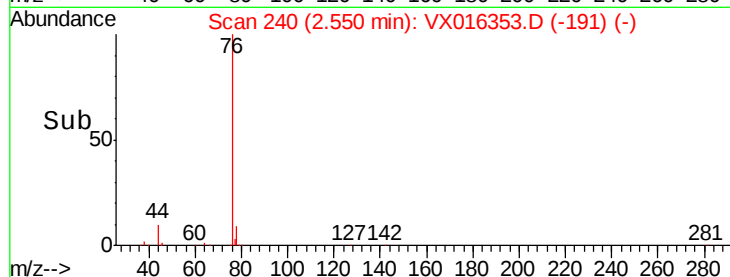
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 17.500 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016353.D

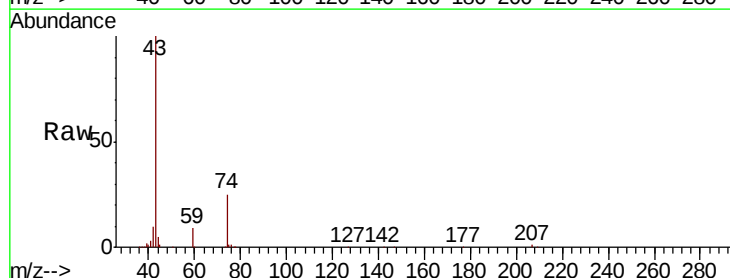
Acq: 20 May 2020 12:27

Tgt Ion: 43 Resp: 66026

Ion Ratio Lower Upper

43 100

74 26.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

40000

30000

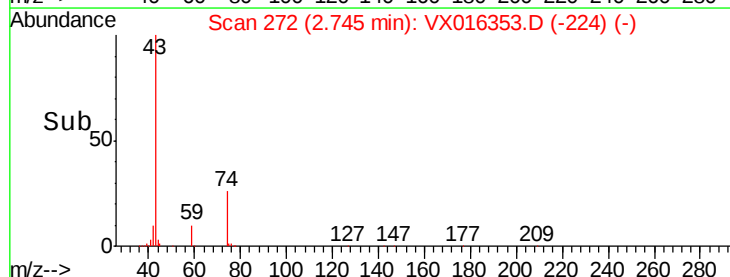
20000

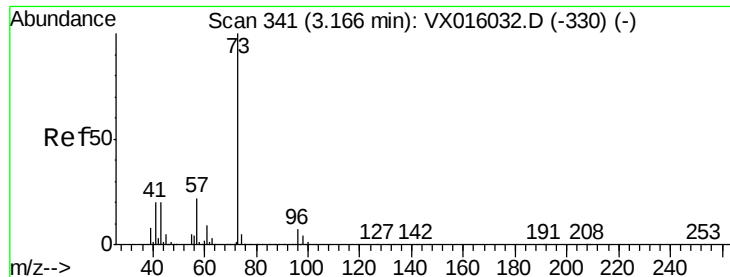
10000

0

Time-->

2.70 2.80



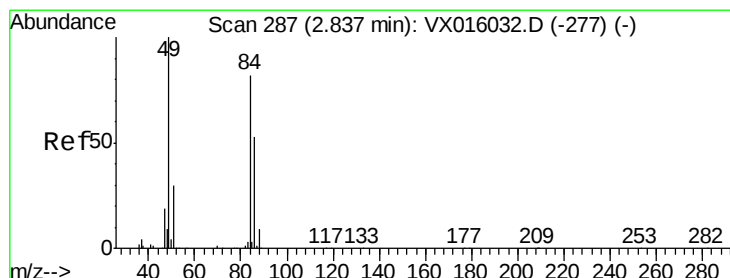
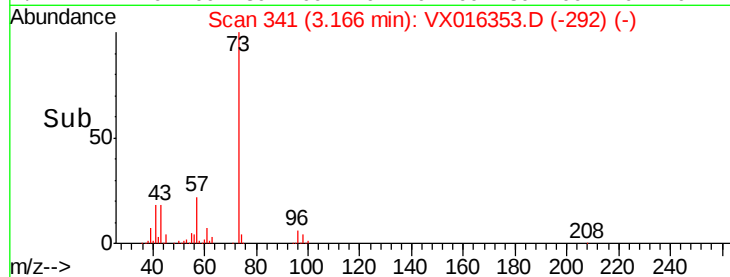
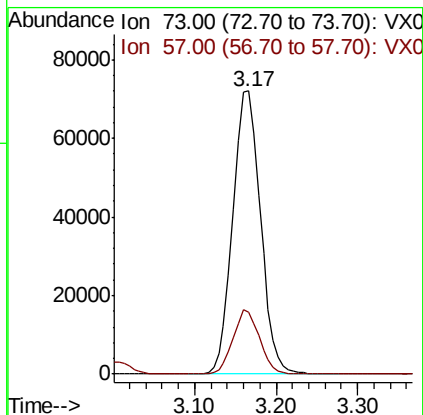
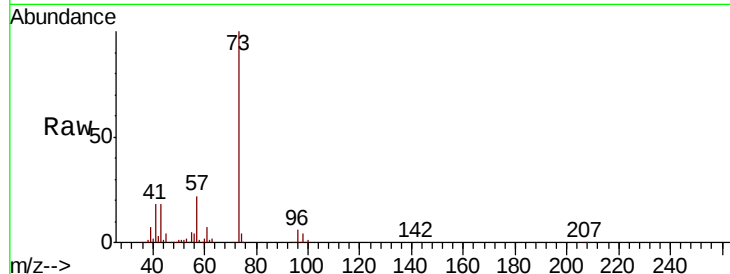


#19

Methyl tert-butyl Ether
 Concen: 18.028 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

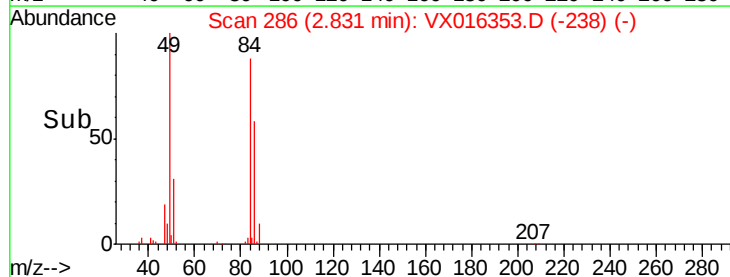
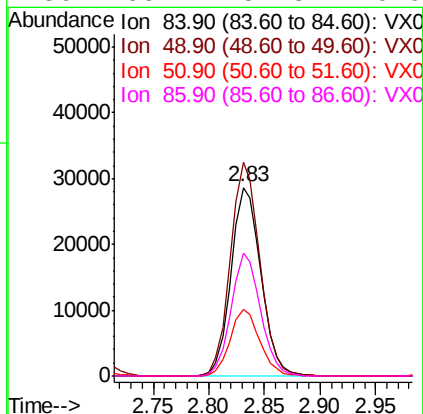
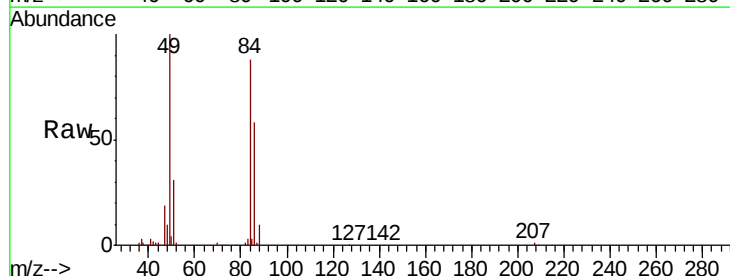
Tot Ion: 73 Resp: 168834
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.8 26.6

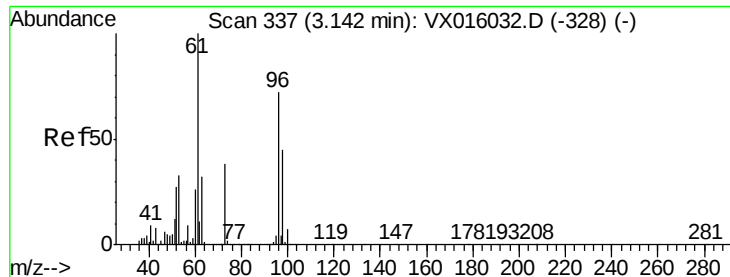


#20

Methylene Chloride
 Concen: 16.836 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Tgt Ion: 84 Resp: 53256
 Ion Ratio Lower Upper
 84 100
 49 113.3 97.3 145.9
 51 35.1 29.3 43.9
 86 65.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 16.344 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

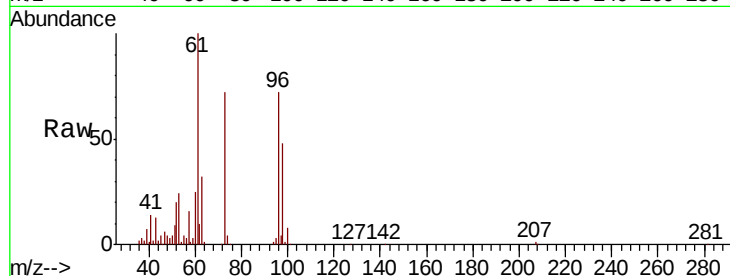
Tot Ion: 96 Resp: 49481

Ion Ratio Lower Upper

96 100

61 138.0 111.2 166.8

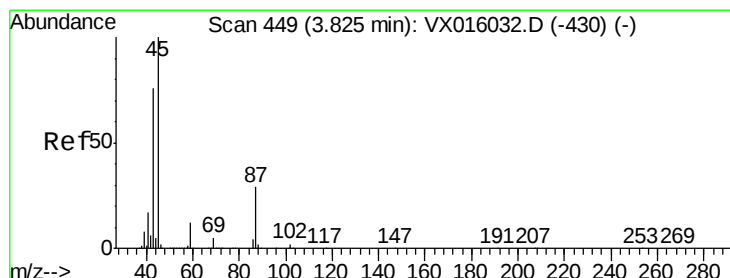
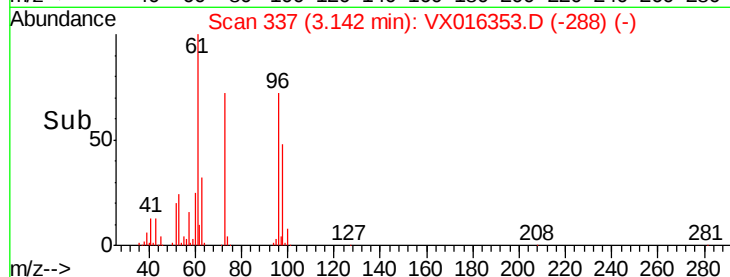
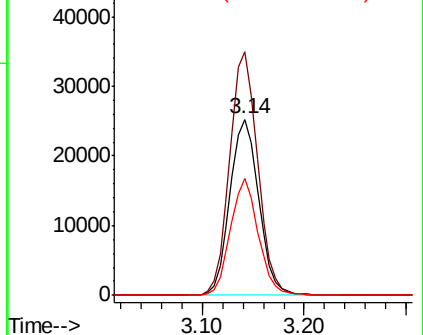
98 66.5 50.2 75.4



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: 16.839 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion: 45 Resp: 158242

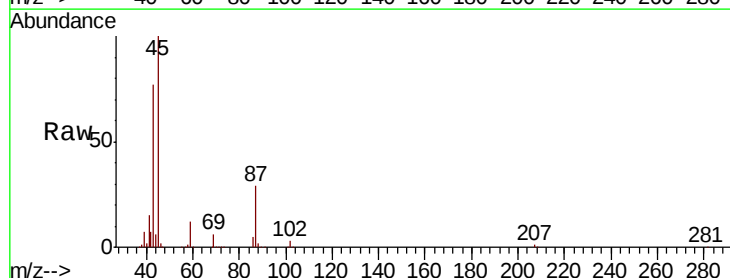
Ion Ratio Lower Upper

45 100

43 77.0 61.1 91.7

87 29.4 23.0 34.6

59 11.7 9.8 14.6

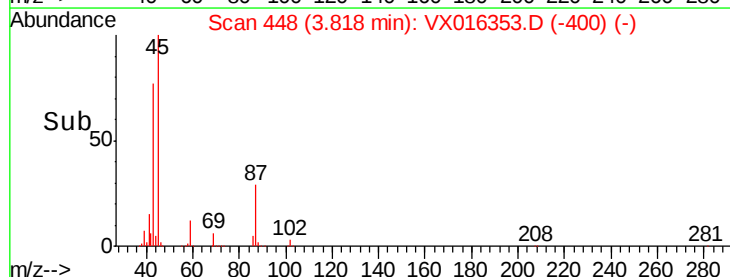
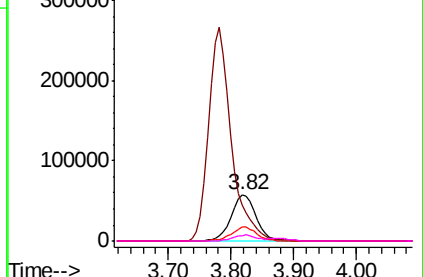


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 80.942 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

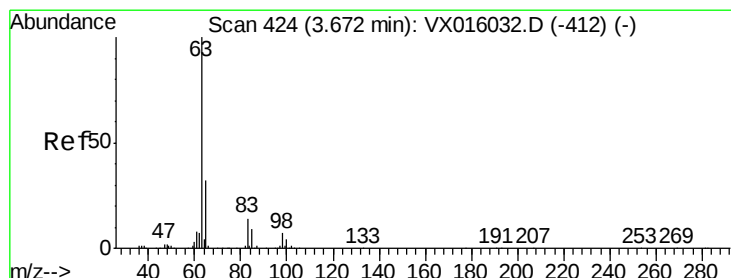
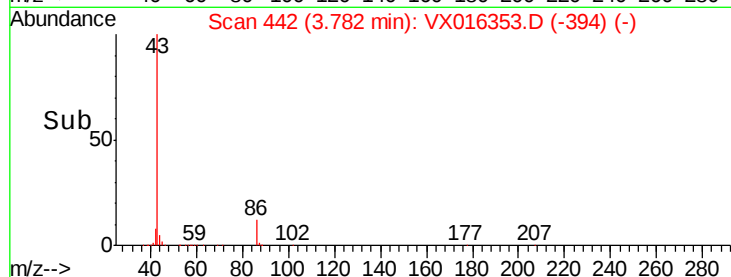
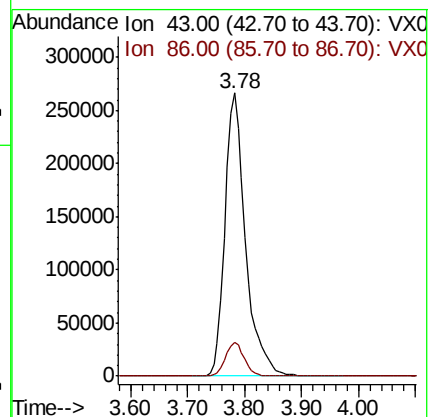
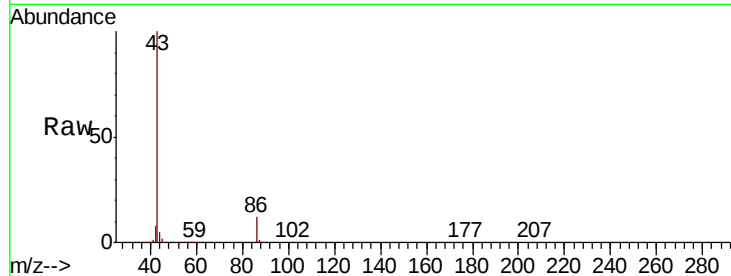
VX0520WBSD01

Tot Ion: 43 Resp: 669202

Ion Ratio Lower Upper

43 100

86 12.0 9.0 13.4



#24

1,1-Dichloroethane

Concen: 17.063 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

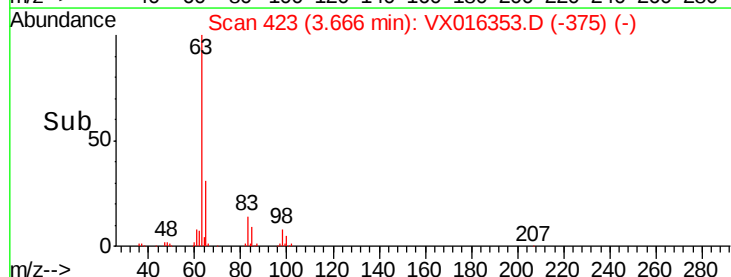
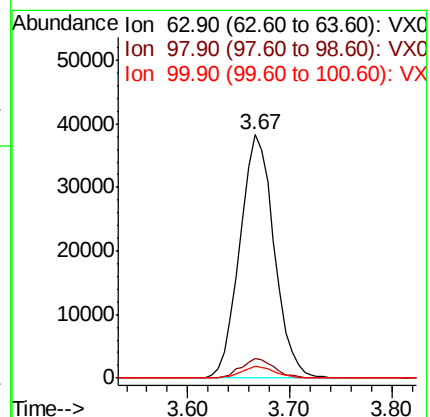
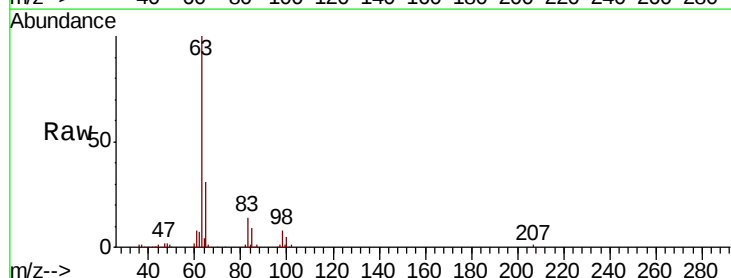
Tgt Ion: 63 Resp: 89698

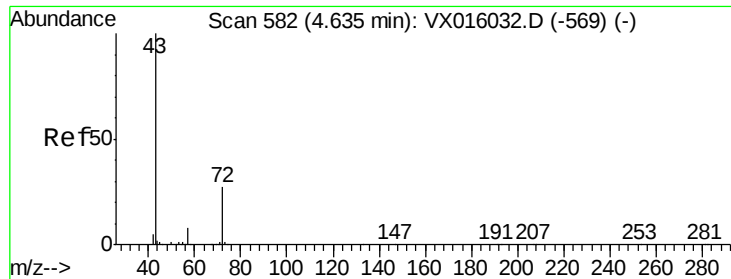
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.5

100 5.1 2.1 6.5

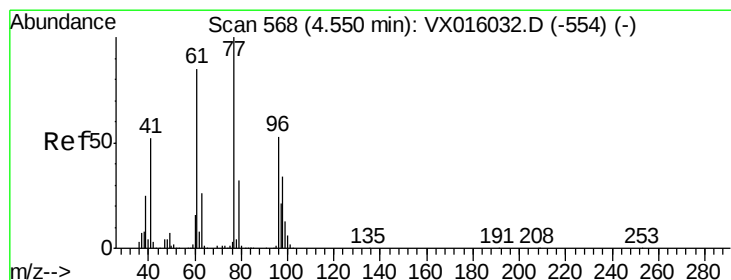
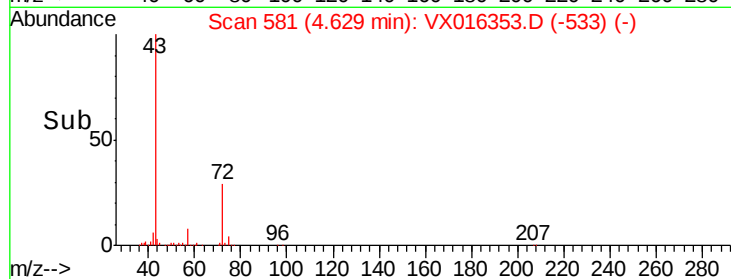
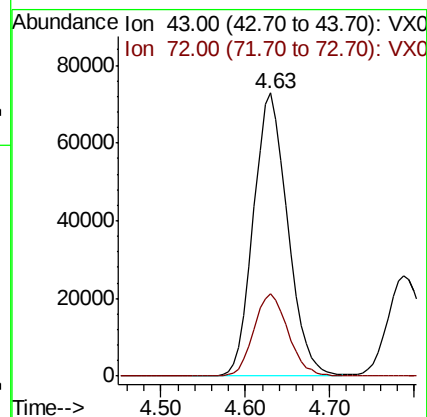
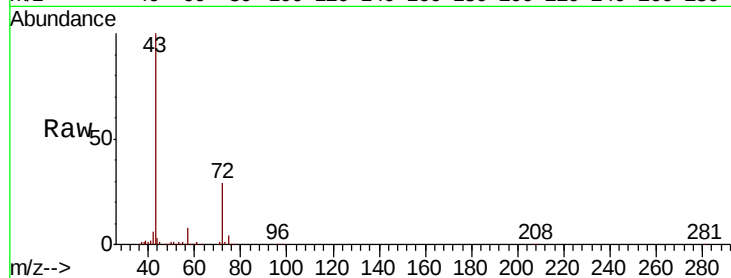




#25
2-Butanone
Concen: 81.318 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

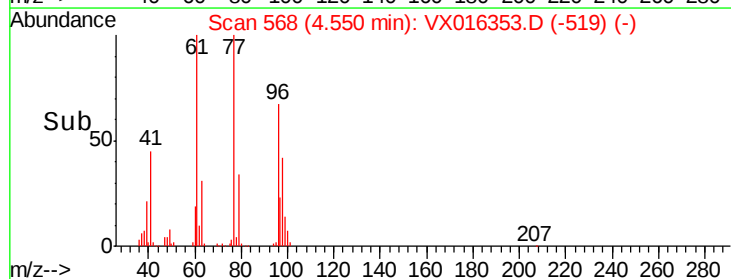
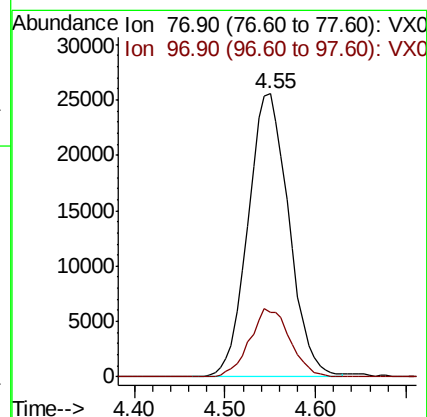
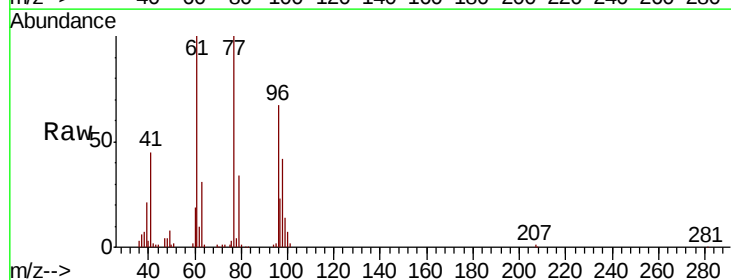
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

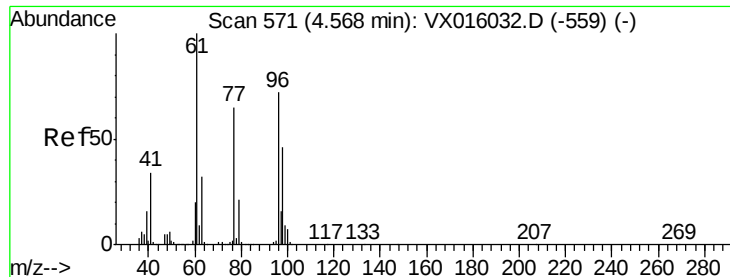
Tot Ion: 43 Resp: 201070
Ion Ratio Lower Upper
43 100
72 28.8 21.8 32.8



#26
2,2-Dichloropropane
Concen: 16.594 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion: 77 Resp: 79664
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6



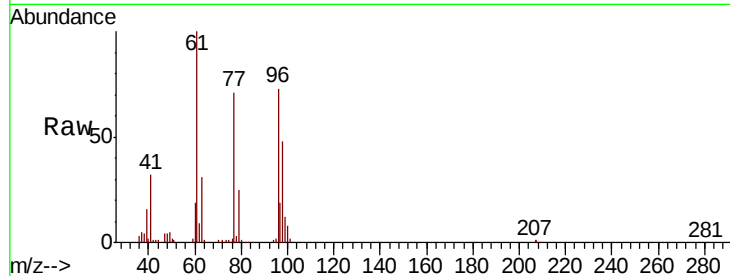


#27

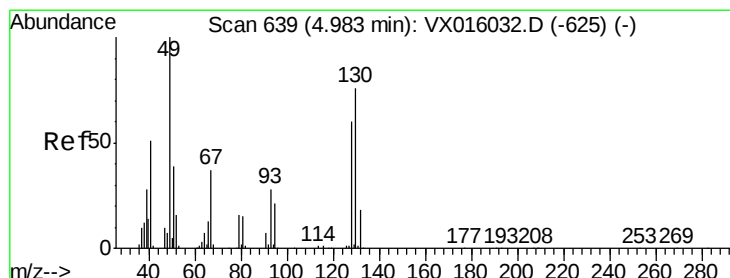
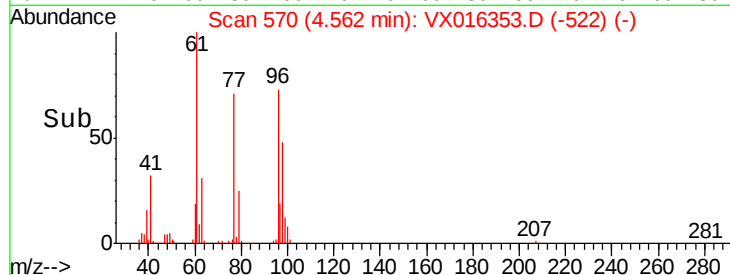
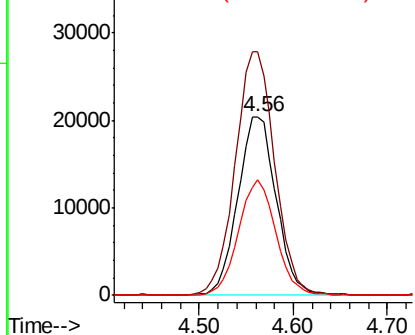
cis-1,2-Dichloroethene
Concen: 17.618 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.6	0.0	296.2
98	63.1	0.0	129.4



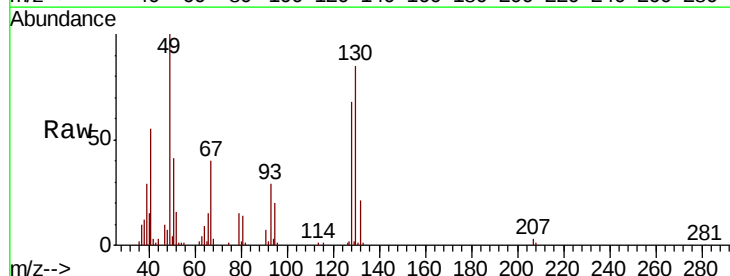
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



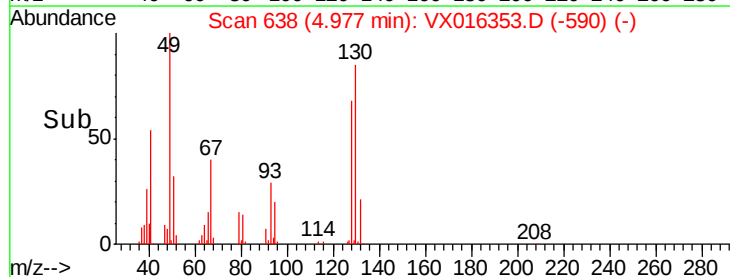
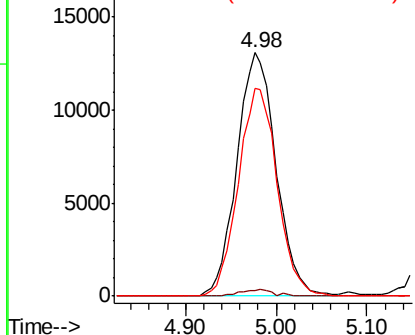
#28

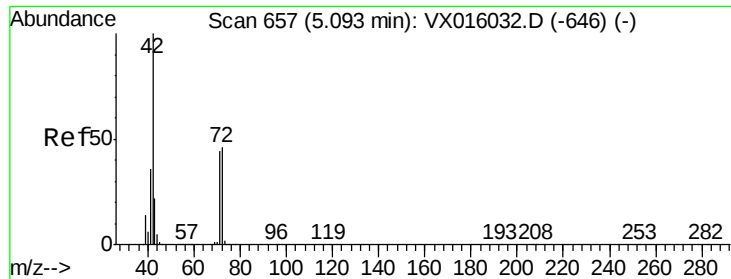
Bromochloromethane
Concen: 16.318 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	84.6	62.4	93.6



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





#29

Tetrahydrofuran

Concen: 79.198 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

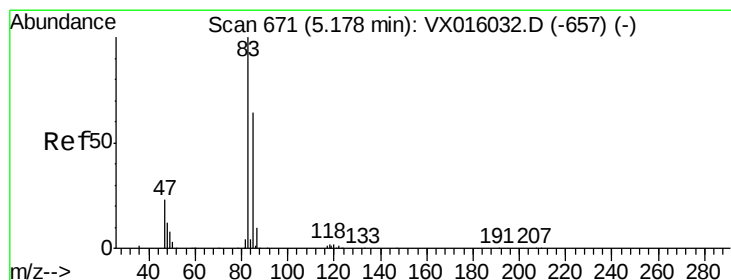
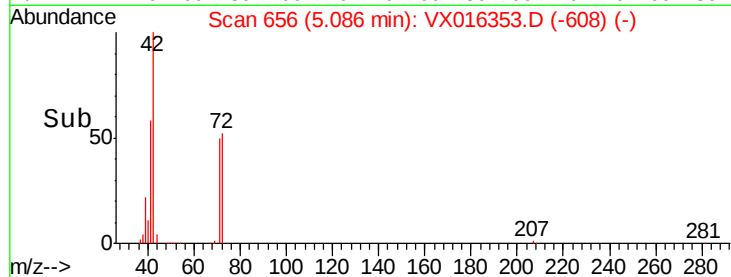
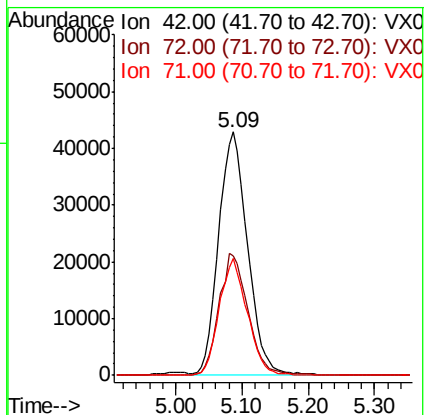
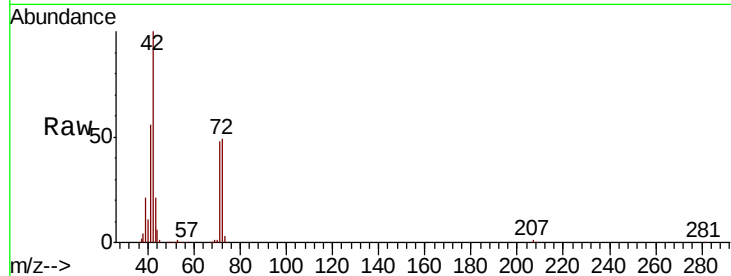
Tot Ion: 42 Resp: 129757

Ion Ratio Lower Upper

42 100

72 50.2 37.1 55.7

71 46.4 34.5 51.7



#30

Chloroform

Concen: 17.596 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016353.D

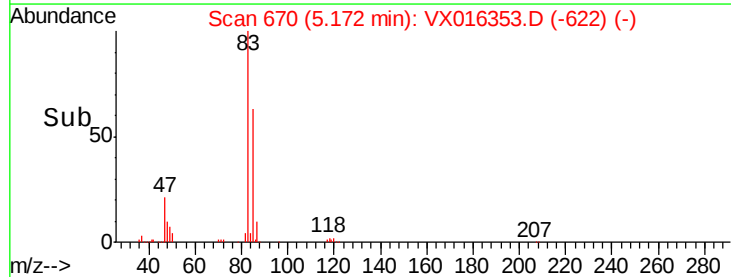
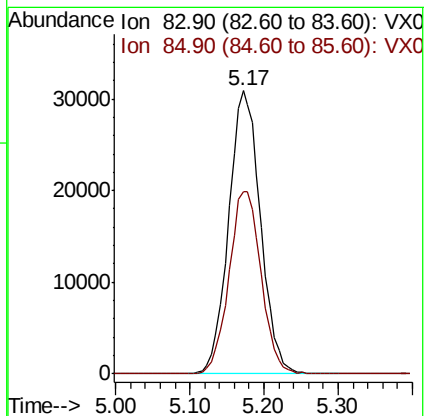
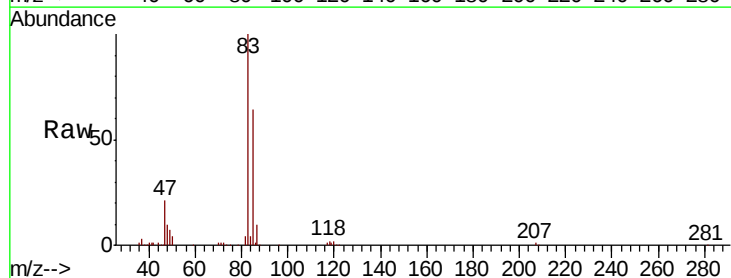
Acq: 20 May 2020 12:27

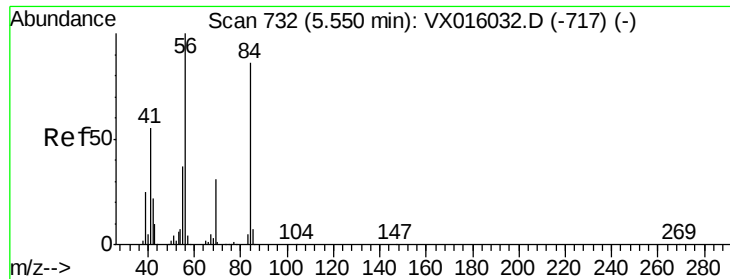
Tgt Ion: 83 Resp: 92097

Ion Ratio Lower Upper

83 100

85 64.2 51.6 77.4

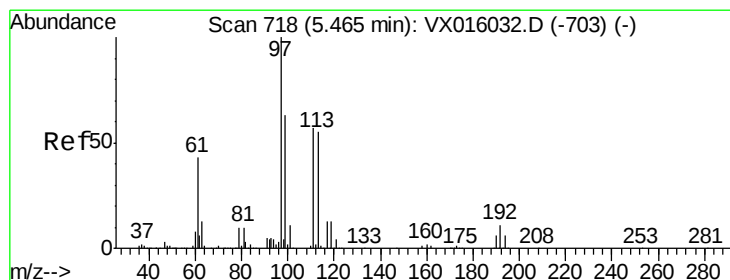
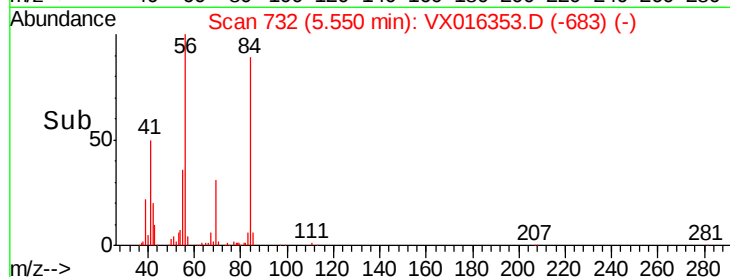
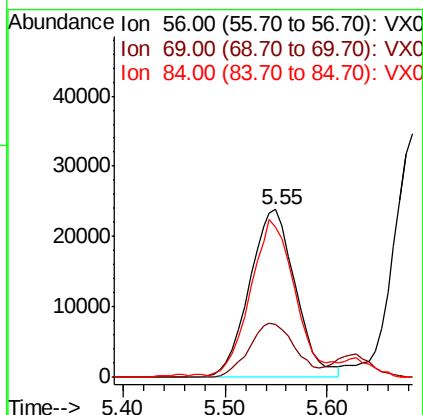
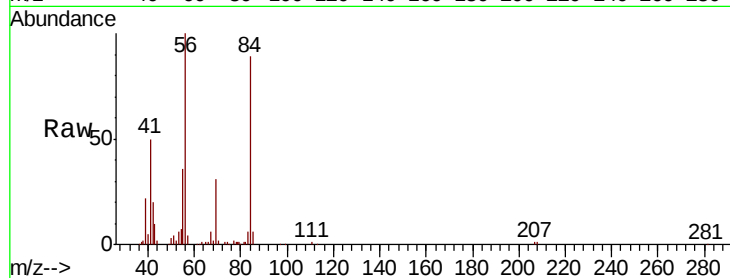




#31
Cyclohexane
Concen: 15.635 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

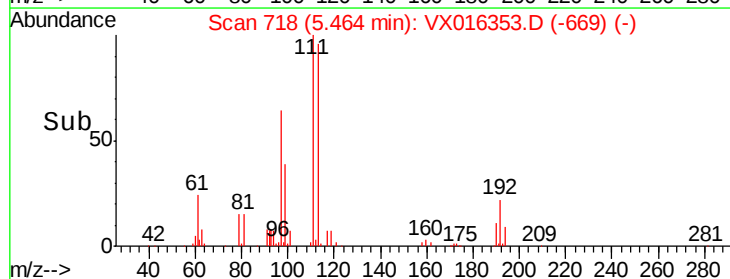
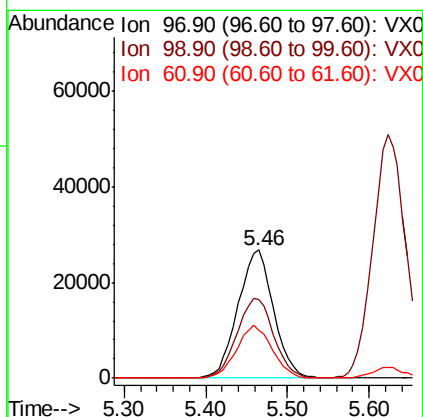
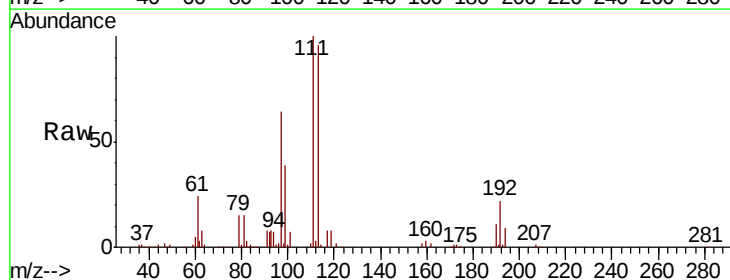
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

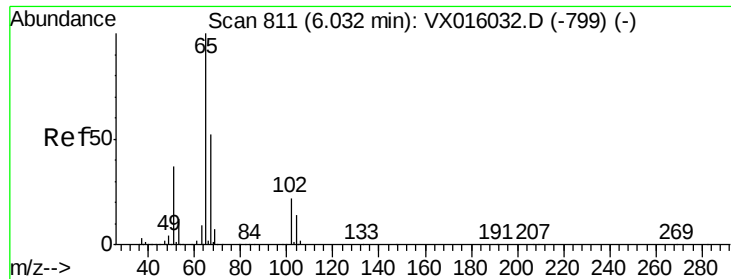
Tot Ion: 56 Resp: 74698
Ion Ratio Lower Upper
56 100
69 31.4 25.0 37.6
84 88.1 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 17.028 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion: 97 Resp: 81016
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 41.0 34.5 51.7

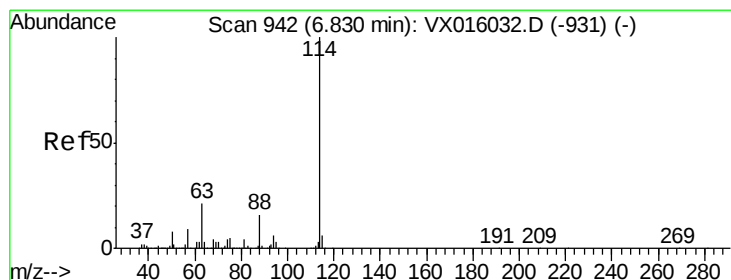
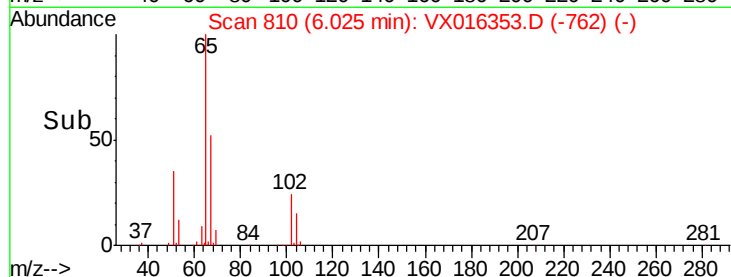
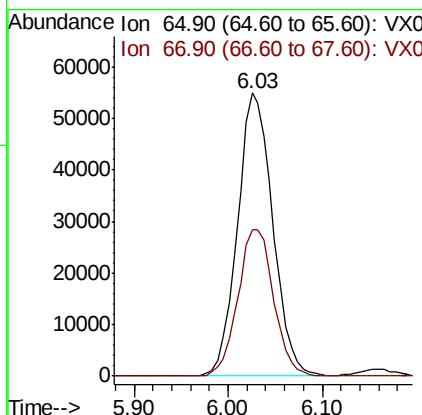
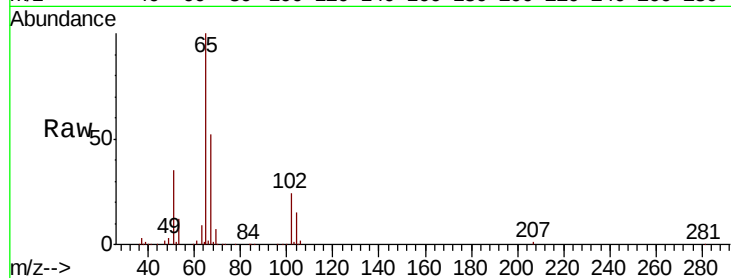




#33
 1,2-Dichloroethane-d4
 Concen: 41.749 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

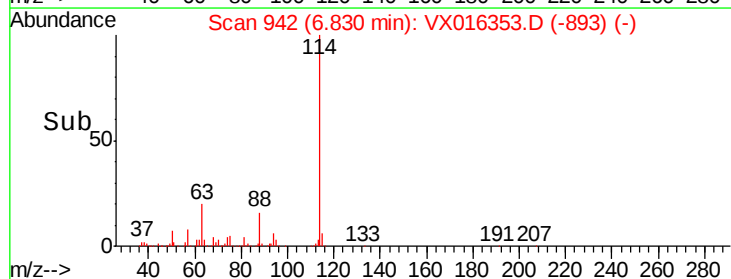
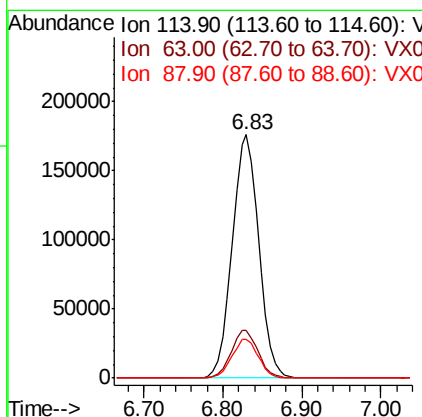
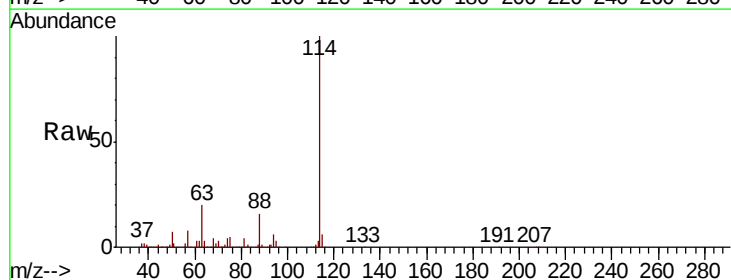
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

Tot Ion: 65 Resp: 143576
 Ion Ratio Lower Upper
 65 100
 67 52.8 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: VX016353.D
 Acq: 20 May 2020 12:27

Tgt Ion: 114 Resp: 412905
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.8
 88 16.2 0.0 31.4

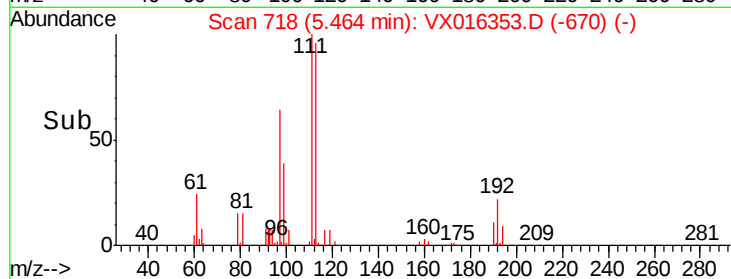
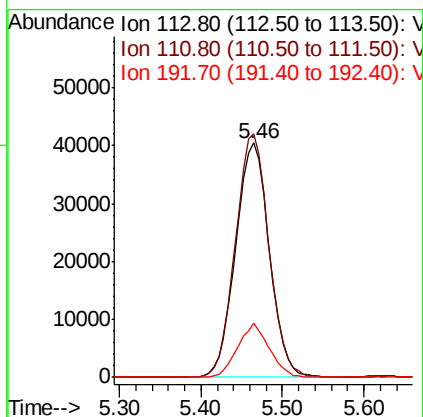
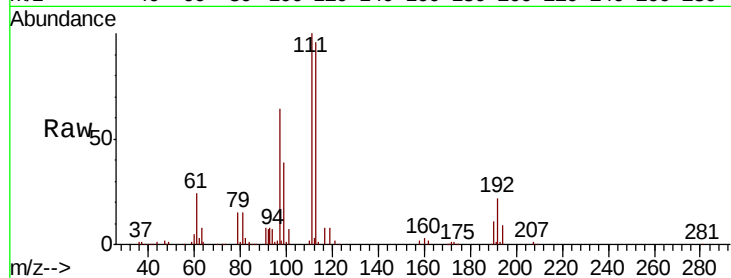




#35
 Dibromofluoromethane
 Concen: 44.330 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

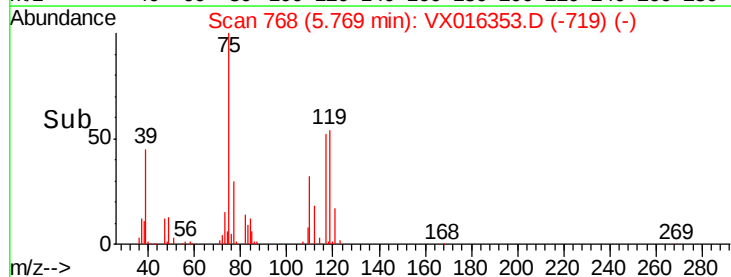
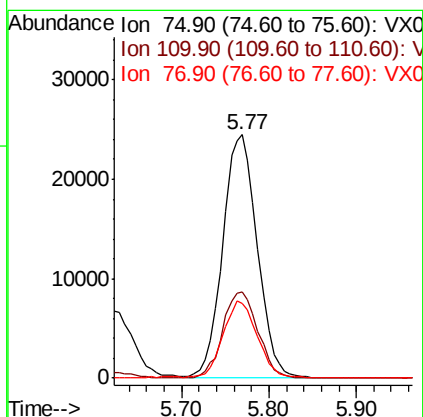
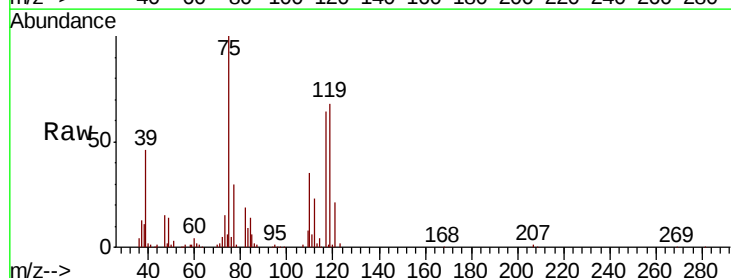
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

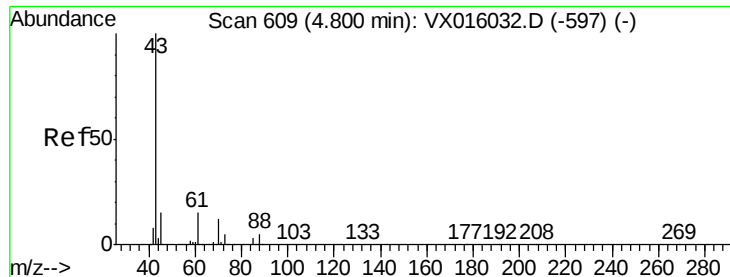
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.6	122.4
192	21.6	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 16.519 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.1	54.1
77	31.5	25.0	37.6

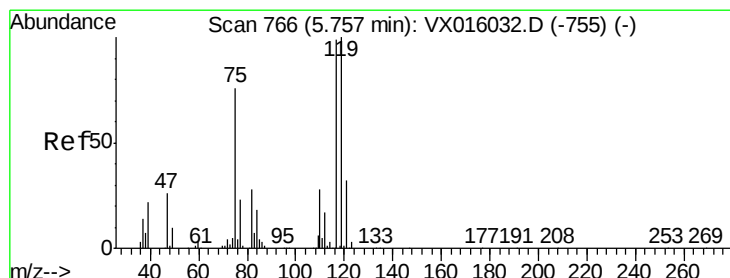
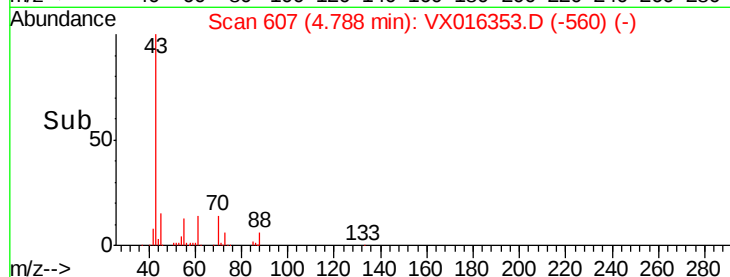
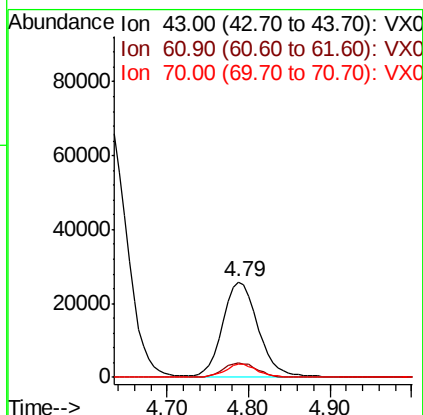
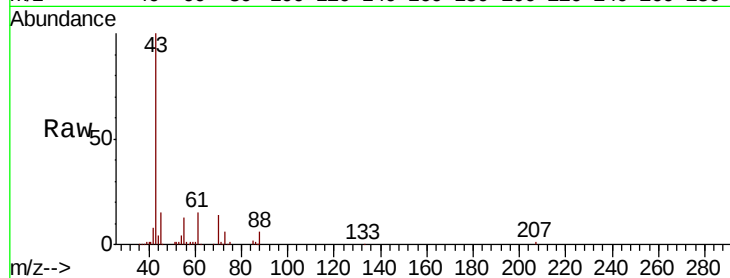




#37
Ethyl Acetate
Concen: 16.323 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

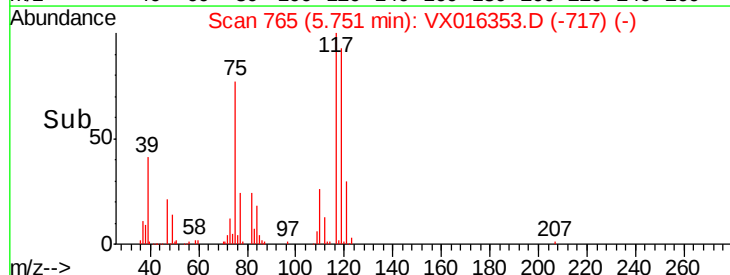
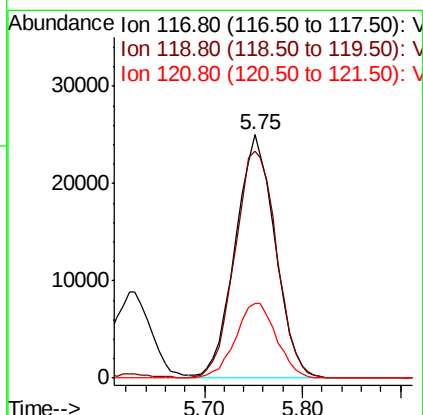
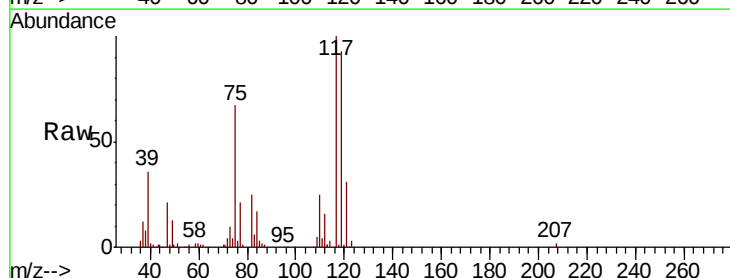
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

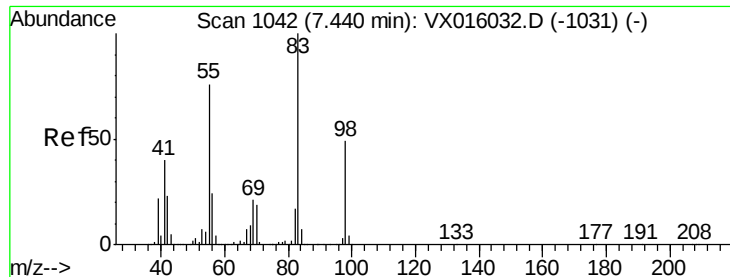
Tot Ion: 43 Resp: 76895
Ion Ratio Lower Upper
43 100
61 15.1 11.7 17.5
70 12.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 17.189 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion: 117 Resp: 71014
Ion Ratio Lower Upper
117 100
119 93.5 80.3 120.5
121 30.8 25.7 38.5

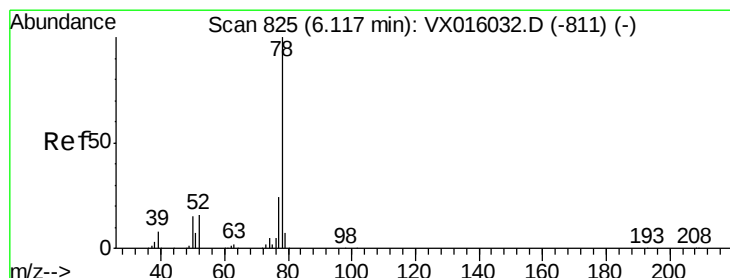
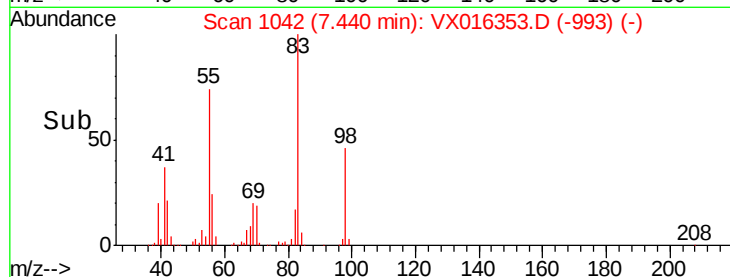
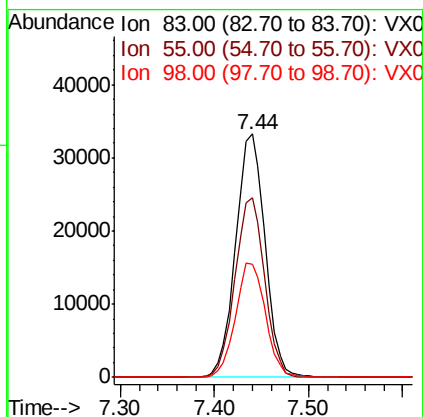
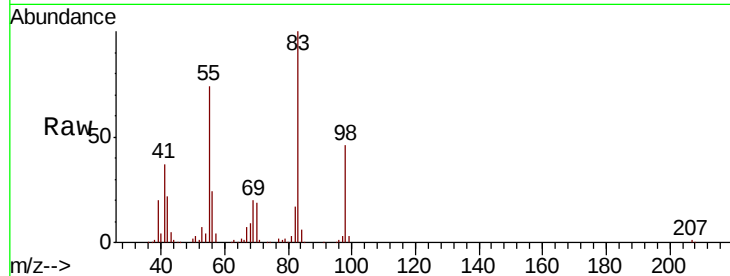




#39
Methvlcvclohexane
Concen: 14.829 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

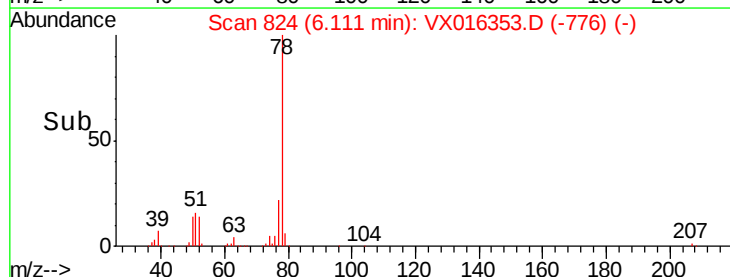
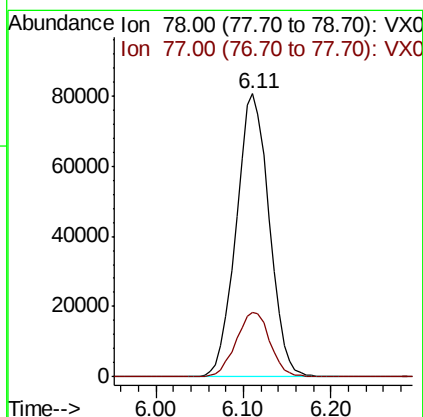
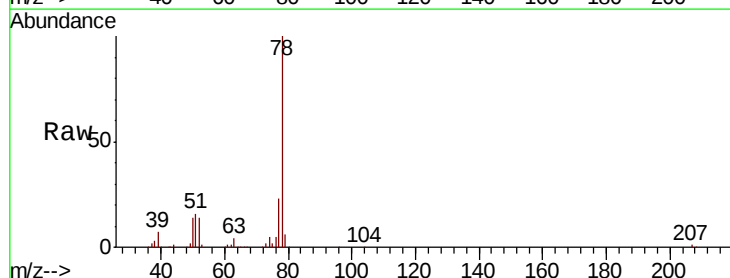
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion: 83 Resp: 72582
Ion Ratio Lower Upper
83 100
55 73.7 61.1 91.7
98 46.4 39.0 58.4



#40
Benzene
Concen: 17.758 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion: 78 Resp: 211191
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4

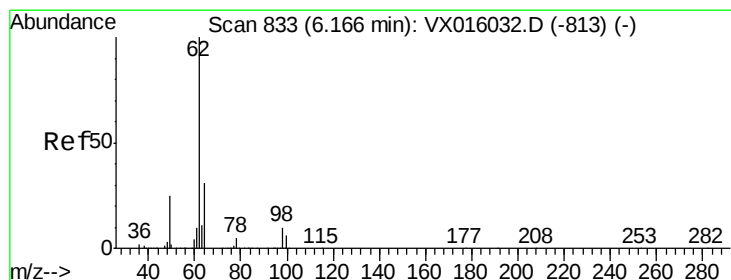
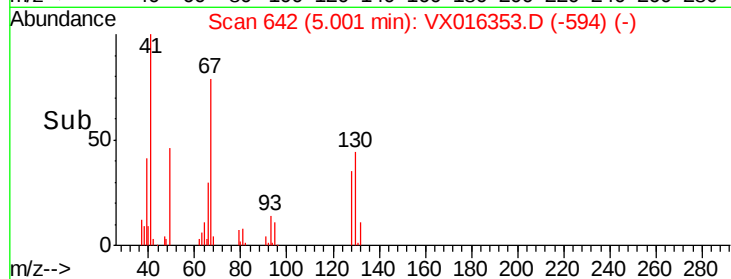
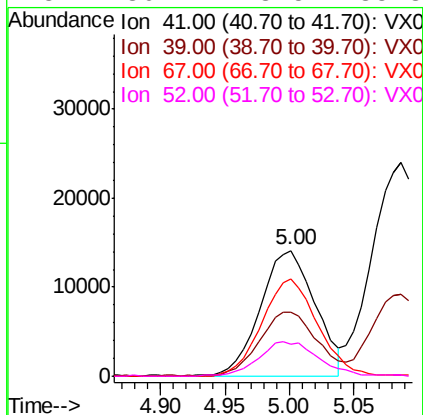
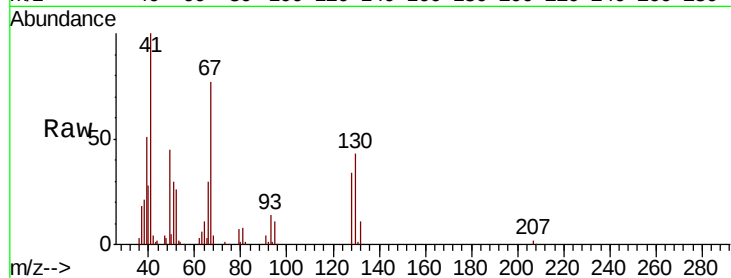




#41
Methacrylonitrile
Concen: 16.328 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

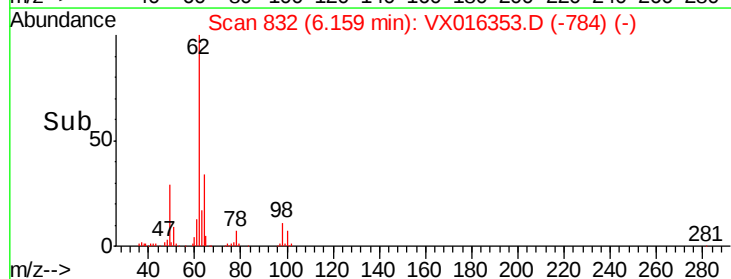
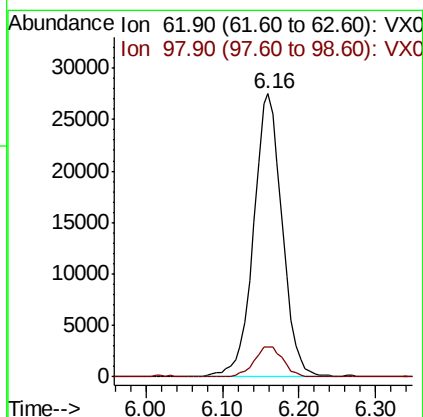
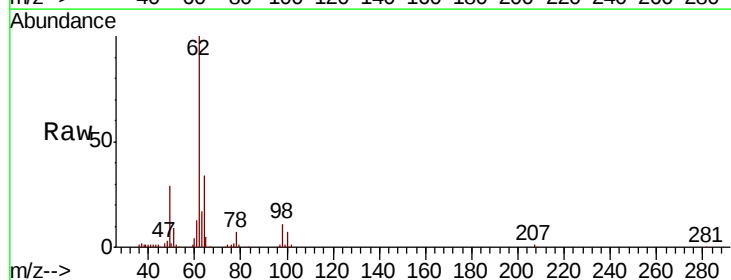
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion:	41	Resp:	41540
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.2	64.8
67	79.4	59.3	88.9
52	30.4	23.5	35.3



#42
1,2-Dichloroethane
Concen: 16.772 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion:	62	Resp:	71852
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 16.551 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

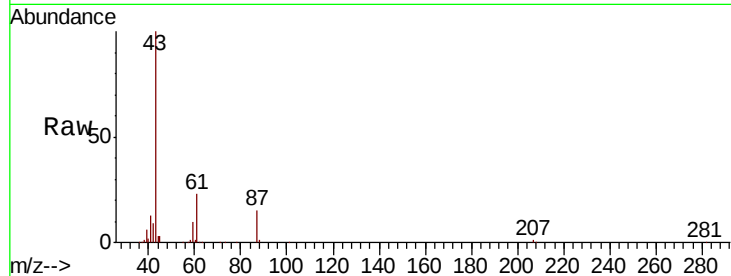
Tot Ion: 43 Resp: 124403

Ion Ratio Lower Upper

43 100

61 23.2 17.0 25.4

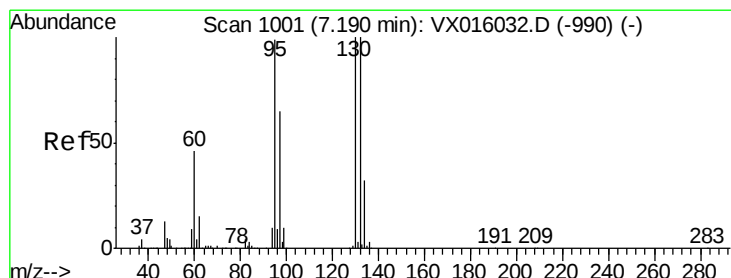
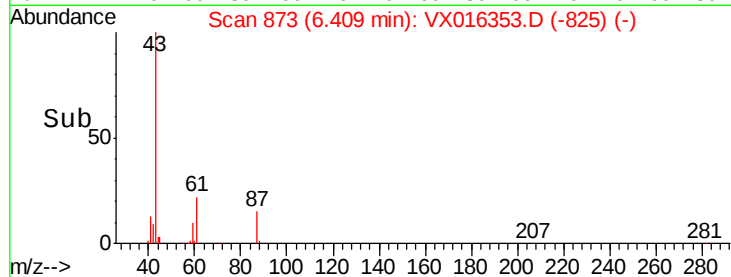
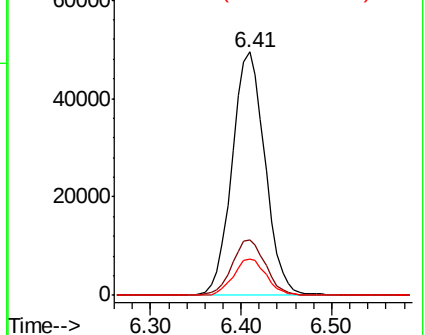
87 15.2 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.085 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016353.D

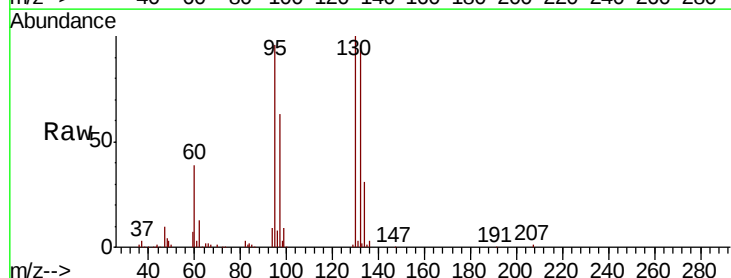
Acq: 20 May 2020 12:27

Tgt Ion: 130 Resp: 72183

Ion Ratio Lower Upper

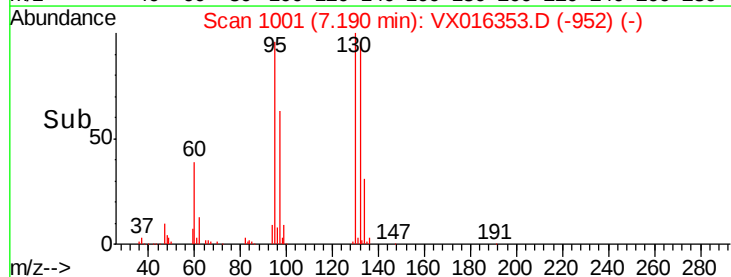
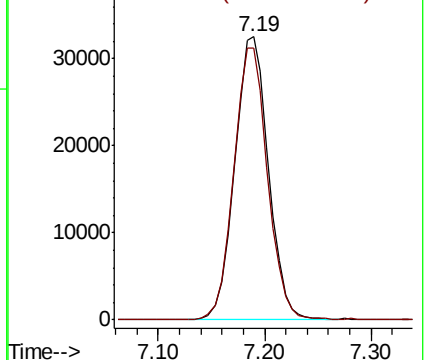
130 100

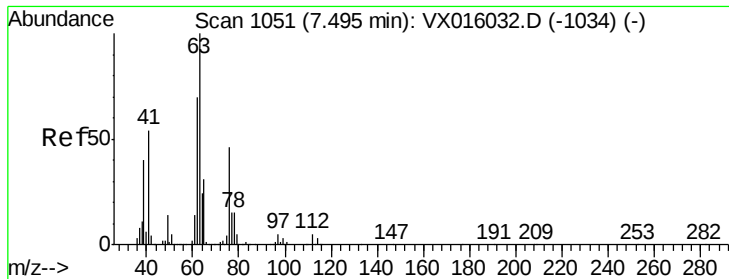
95 95.9 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 17.875 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

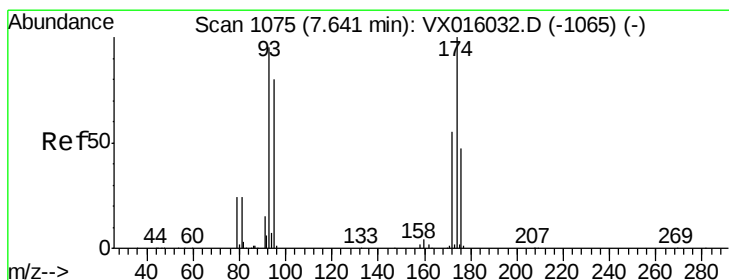
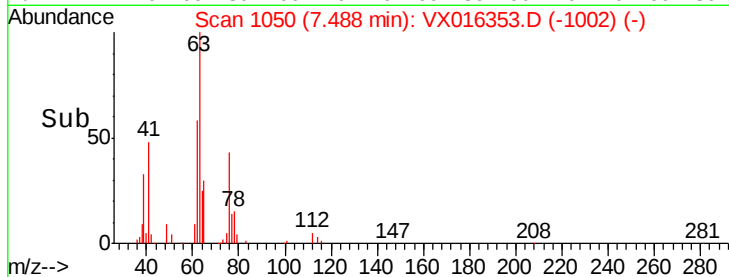
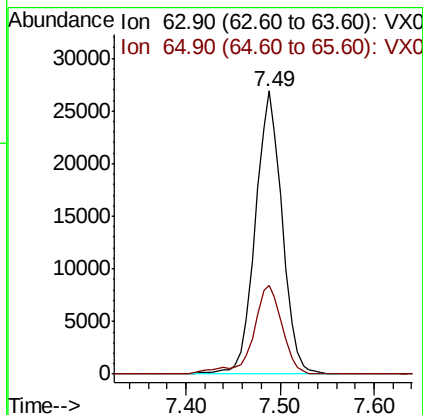
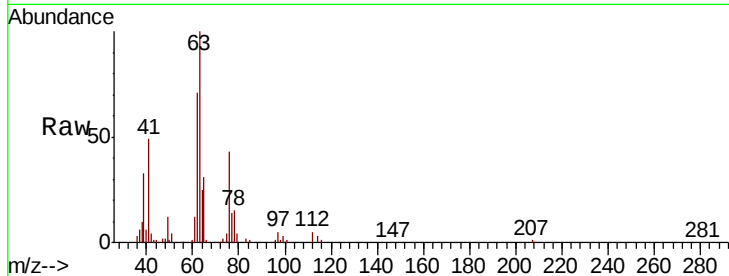
VX0520WBSD01

Tot Ion: 63 Resp: 53790

Ion Ratio Lower Upper

63 100

65 31.5 24.4 36.6



#46

Dibromomethane

Concen: 18.088 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

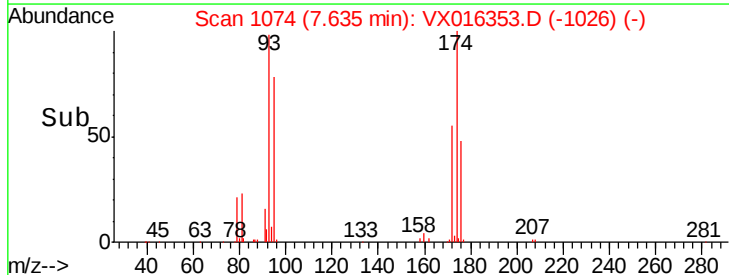
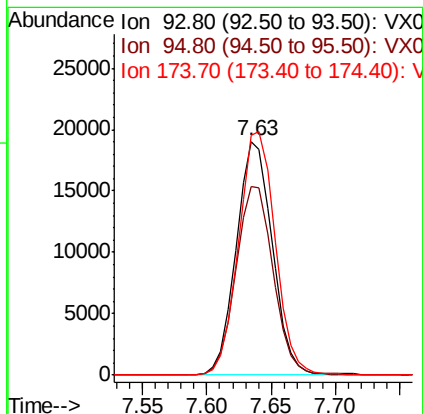
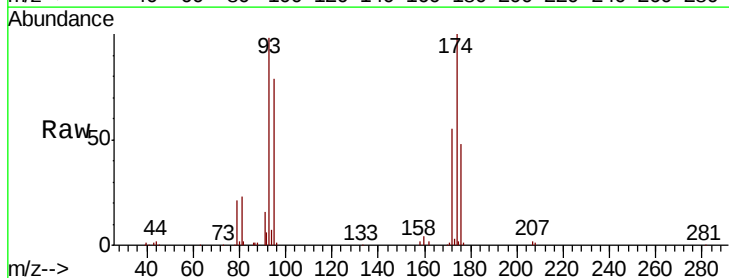
Tgt Ion: 93 Resp: 36989

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 105.6 84.2 126.4





#47

Bromodichloromethane

Concen: 17.814 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

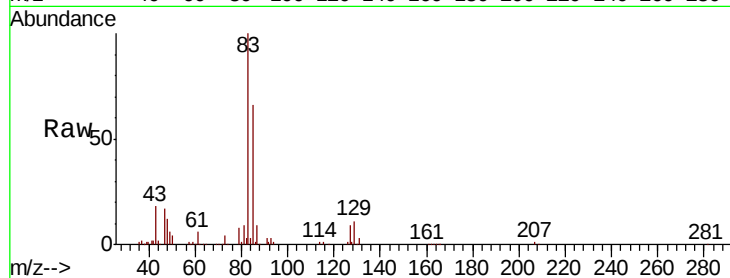
Tot Ion: 83 Resp: 74194

Ion Ratio Lower Upper

83 100

85 65.9 50.5 75.7

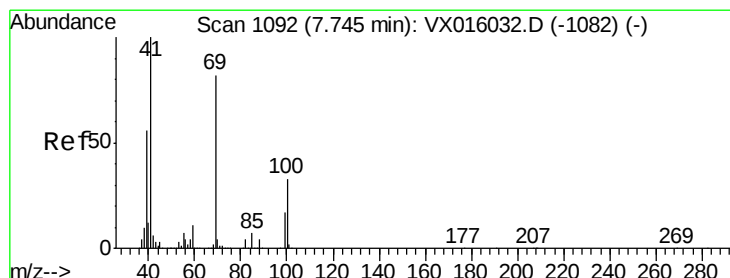
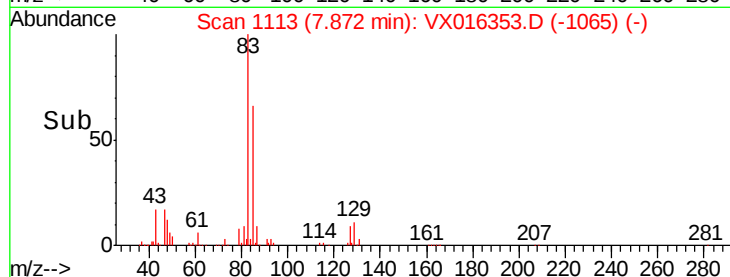
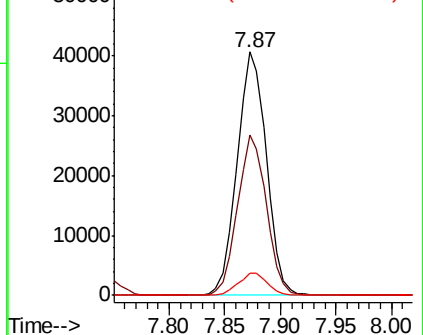
127 9.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.318 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

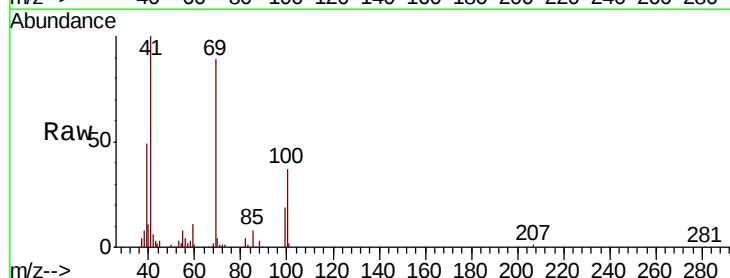
Tgt Ion: 41 Resp: 58117

Ion Ratio Lower Upper

41 100

69 91.7 67.8 101.6

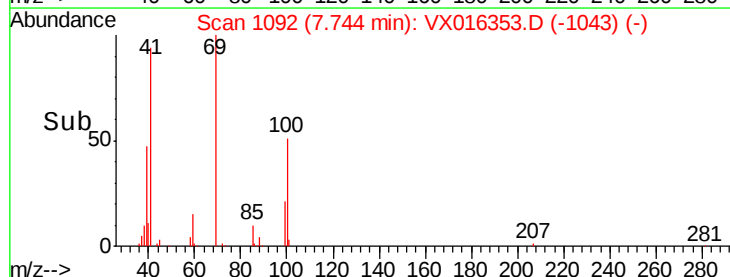
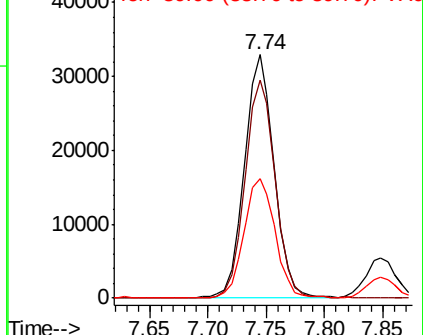
39 52.5 44.6 67.0

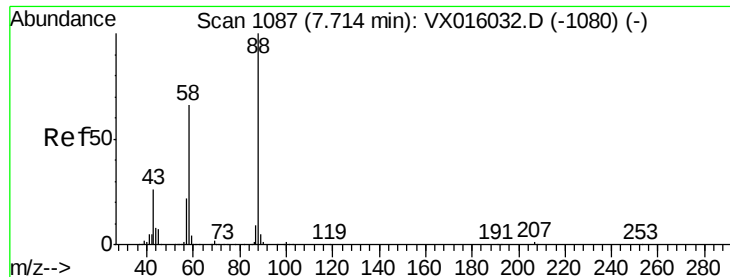


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 329.694 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

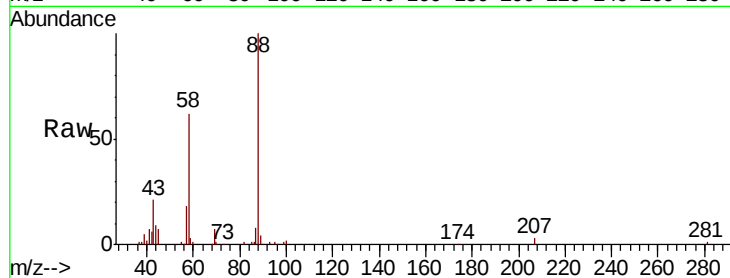
Tot Ion: 88 Resp: 28162

Ion Ratio Lower Upper

88 100

43 27.1 25.3 37.9

58 68.0 55.9 83.9

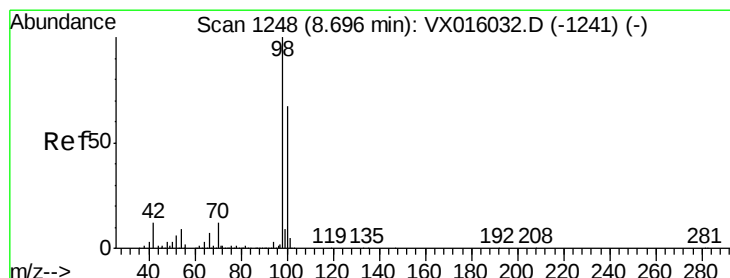
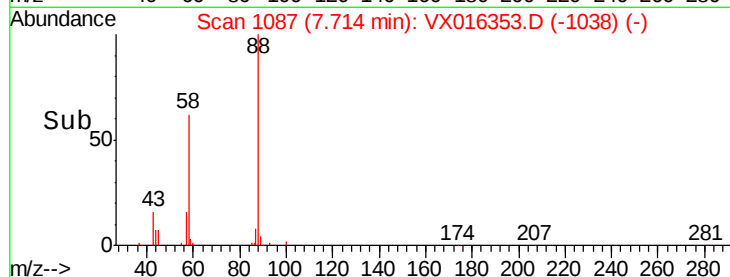
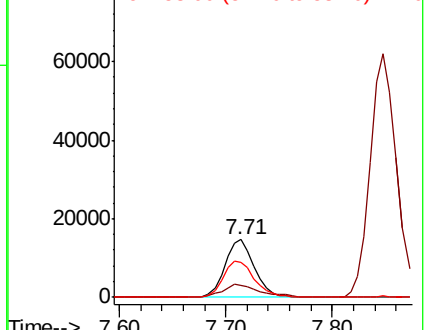


Abundance

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: 45.660 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016353.D

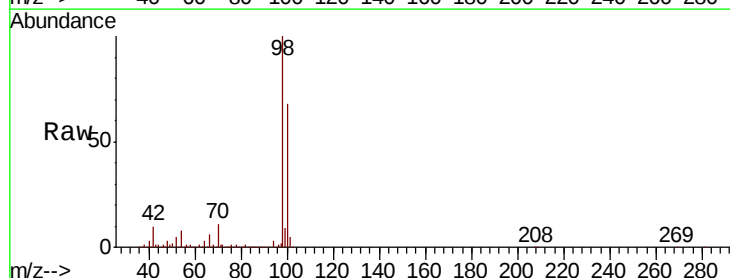
Acq: 20 May 2020 12:27

Tgt Ion: 98 Resp: 460221

Ion Ratio Lower Upper

98 100

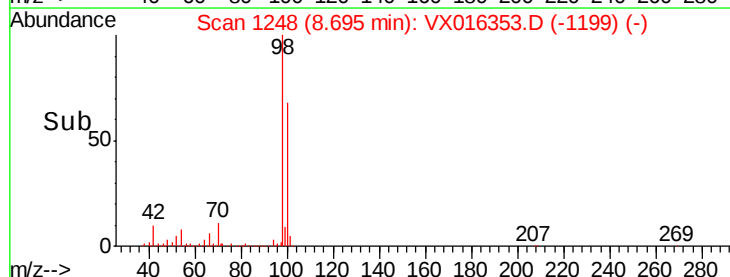
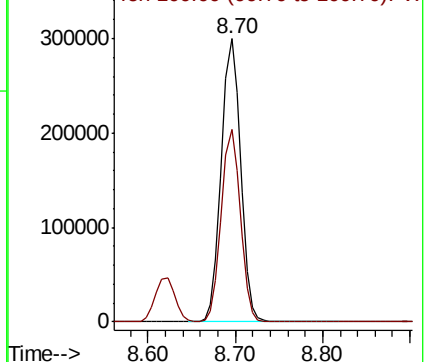
100 67.2 53.7 80.5

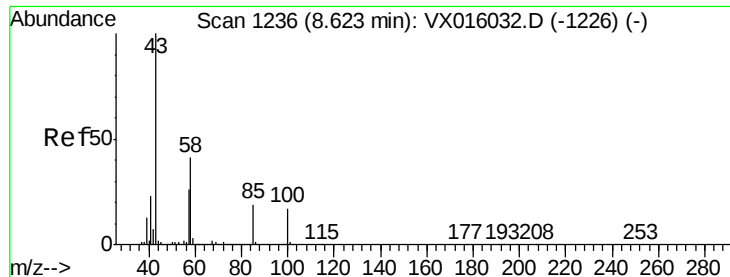


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 85.499 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

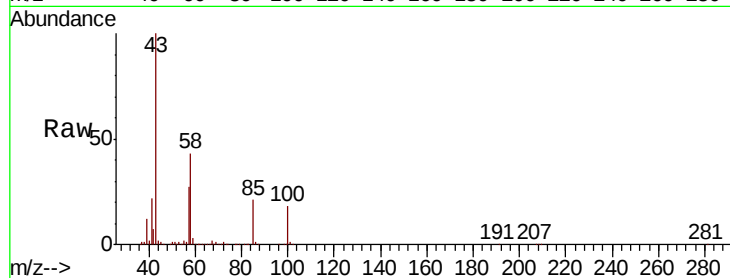
VX0520WBSD01

Tot Ion: 43 Resp: 393254

Ion Ratio Lower Upper

43 100

58 43.6 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

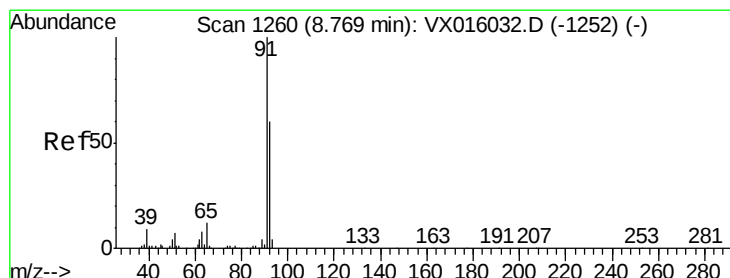
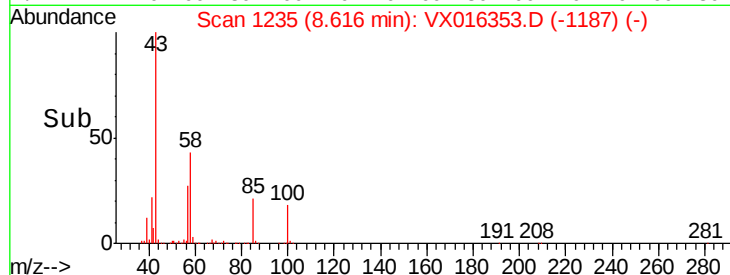
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.124 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016353.D

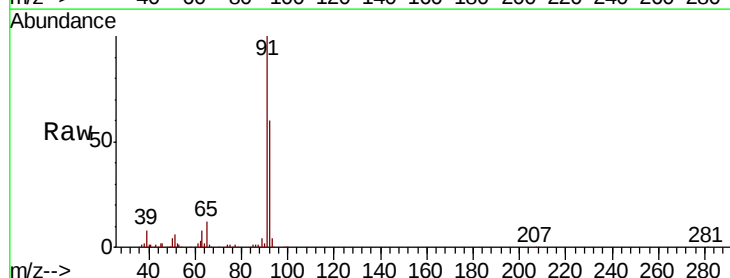
Acq: 20 May 2020 12:27

Tgt Ion: 92 Resp: 134350

Ion Ratio Lower Upper

92 100

91 168.9 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

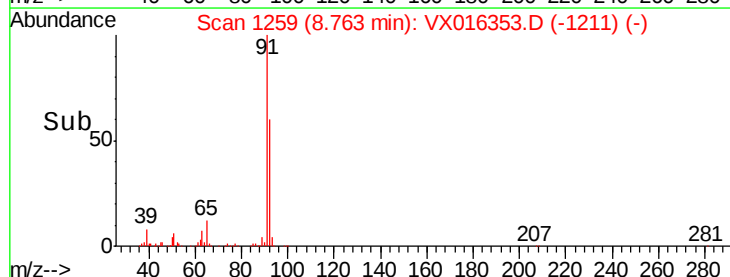
150000

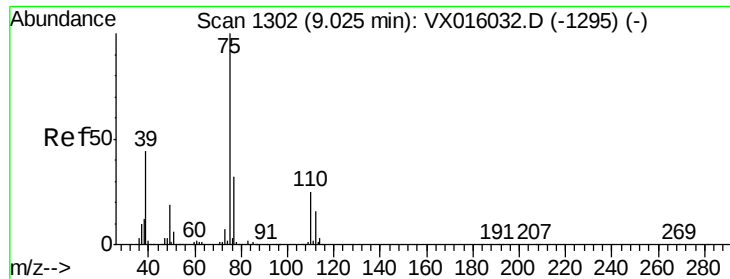
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.583 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

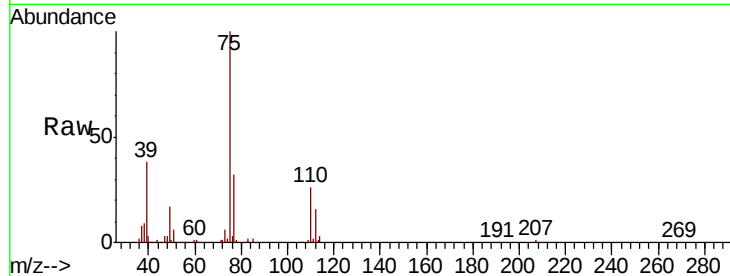
VX0520WBSD01

Tot Ion: 75 Resp: 87316

Ion Ratio Lower Upper

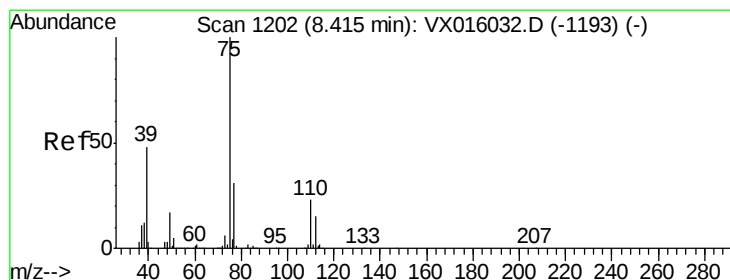
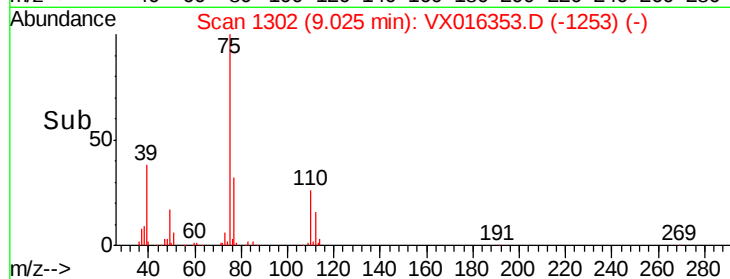
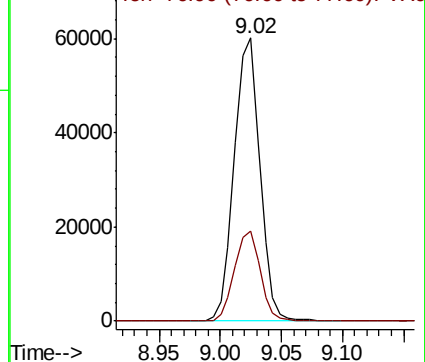
75 100

77 31.7 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: 17.763 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

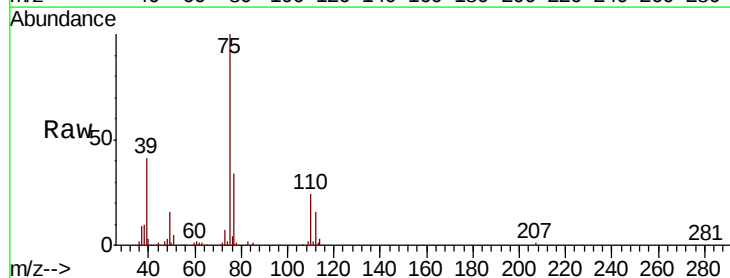
Tgt Ion: 75 Resp: 92135

Ion Ratio Lower Upper

75 100

77 33.5 24.7 37.1

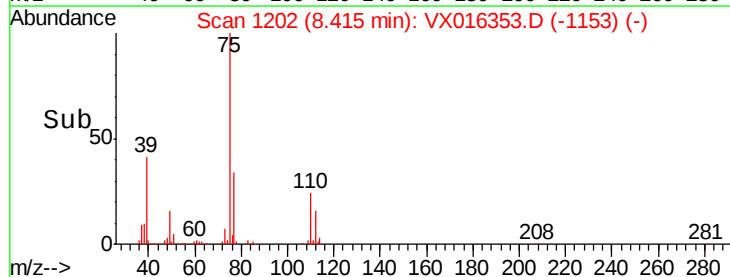
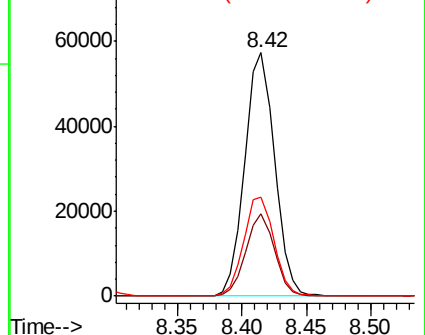
39 40.5 38.7 58.1

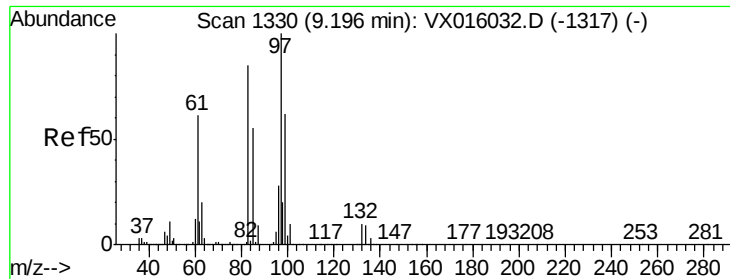


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

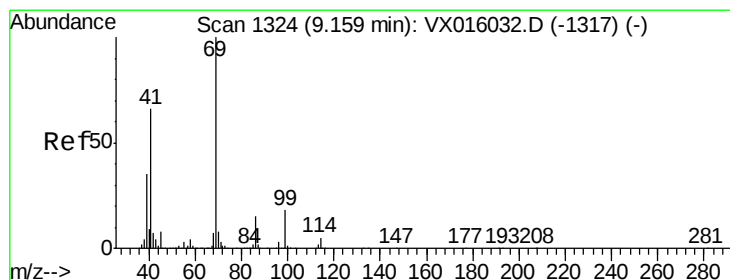
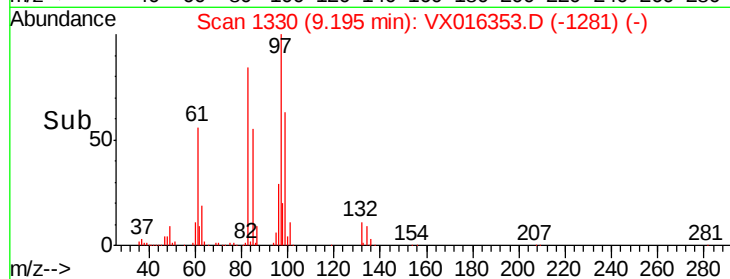
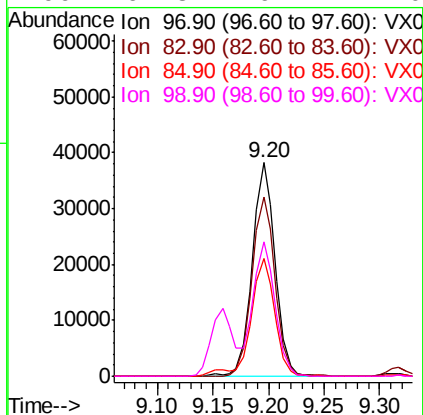
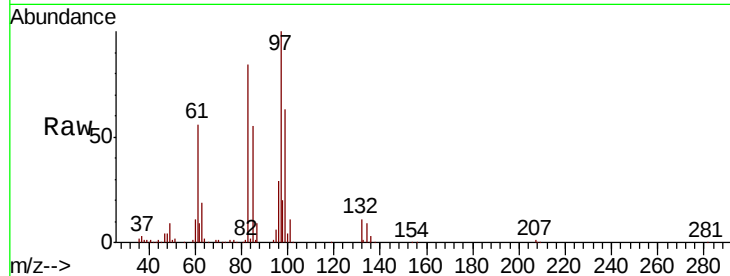




#55
 1,1,2-Trichloroethane
 Concen: 18.673 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

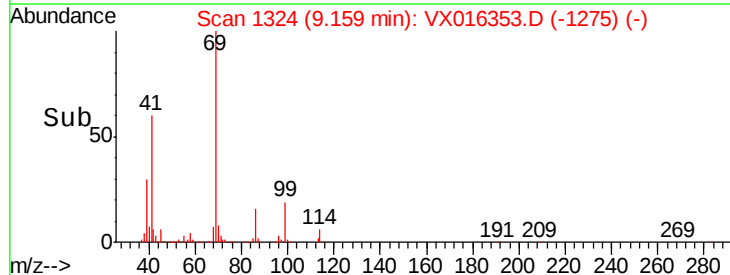
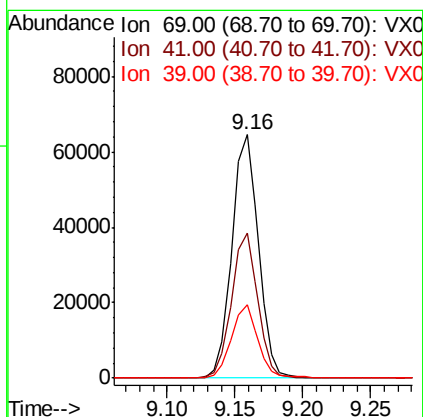
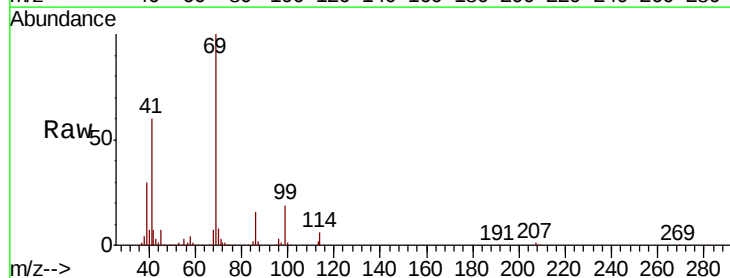
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

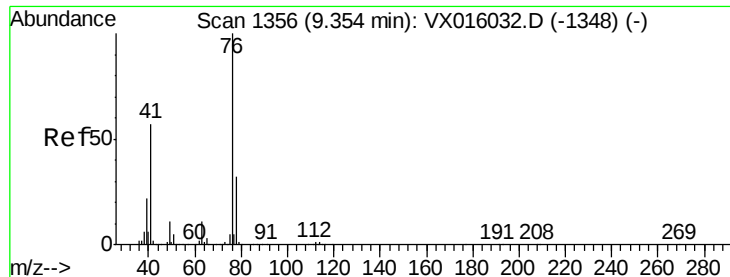
Tot Ion:	97	Resp:	54459
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.8	101.8
85	55.0	43.8	65.8
99	62.8	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 18.411 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Tgt Ion:	69	Resp:	87648
Ion	Ratio	Lower	Upper
69	100		
41	59.3	52.2	78.4
39	30.2	28.2	42.4





#57

1,3-Dichloropropane

Concen: 18.466 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

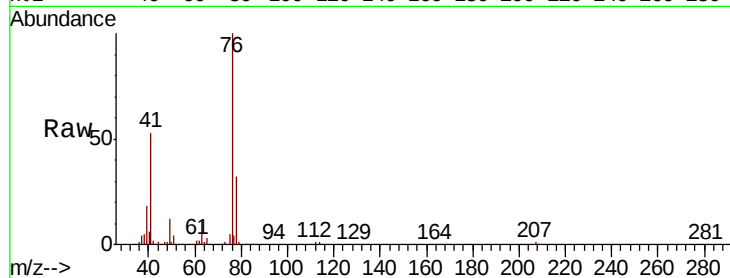
VX0520WBSD01

Tot Ion: 76 Resp: 93970

Ion Ratio Lower Upper

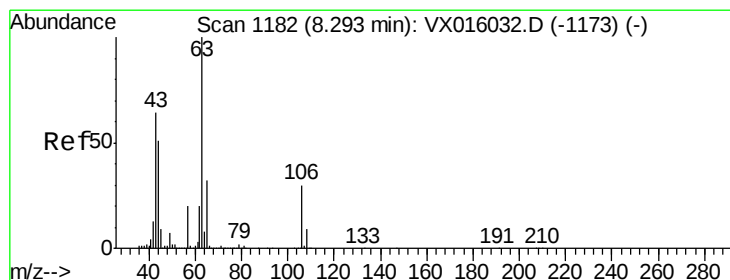
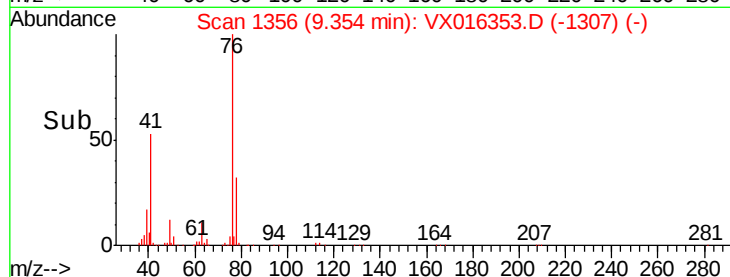
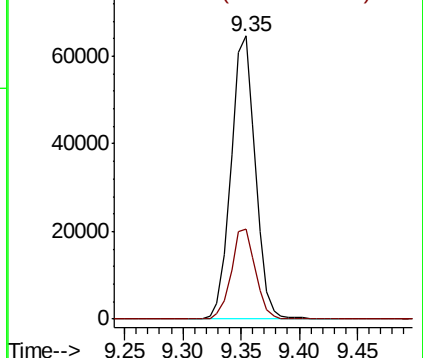
76 100

78 32.0 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: 86.131 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016353.D

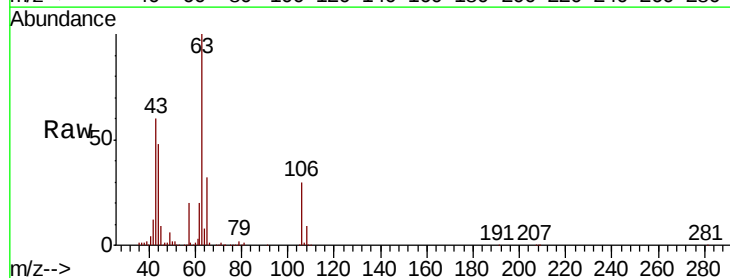
Acq: 20 May 2020 12:27

Tgt Ion: 63 Resp: 218291

Ion Ratio Lower Upper

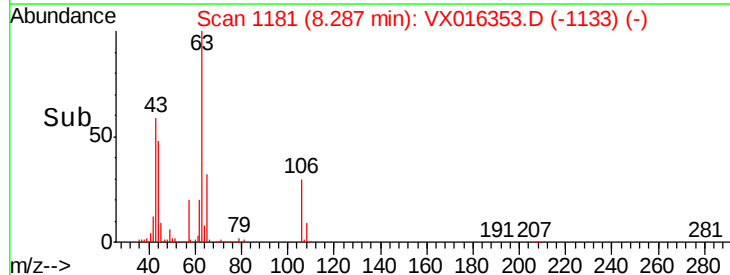
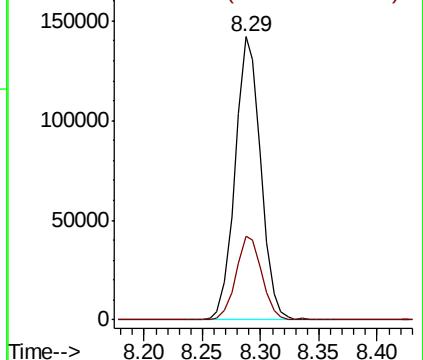
63 100

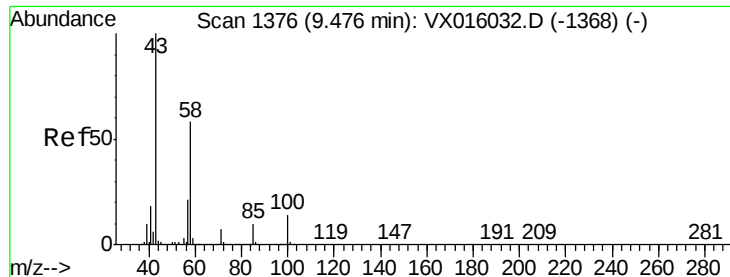
106 29.9 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

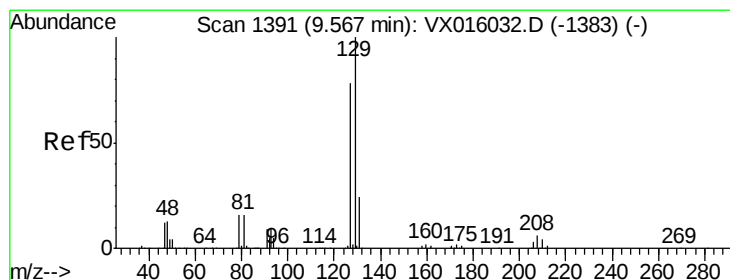
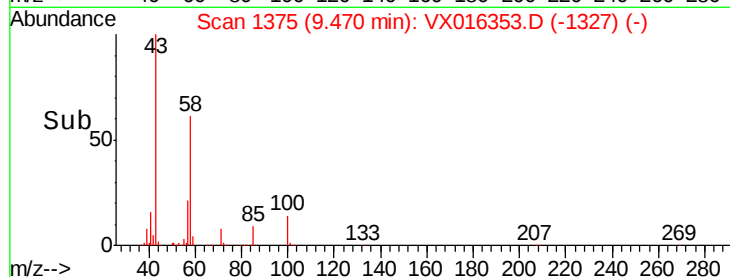
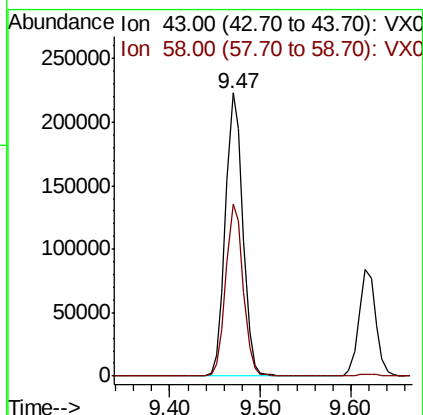
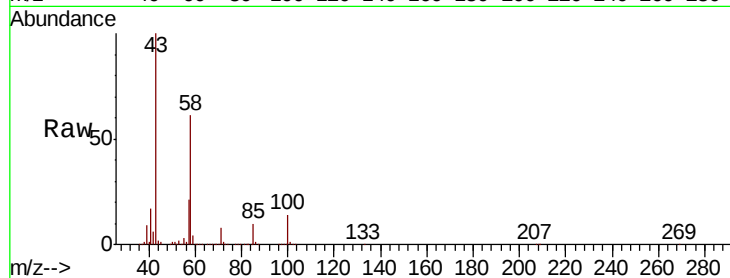




#59
2-Hexanone
Concen: 82.841 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

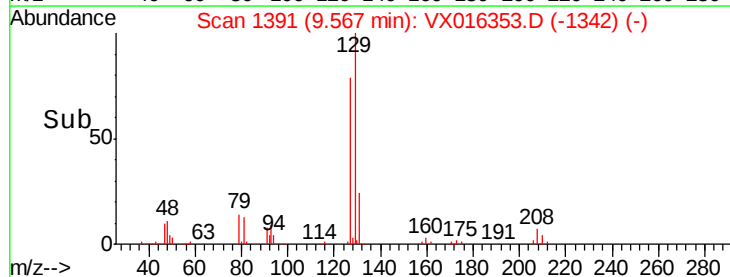
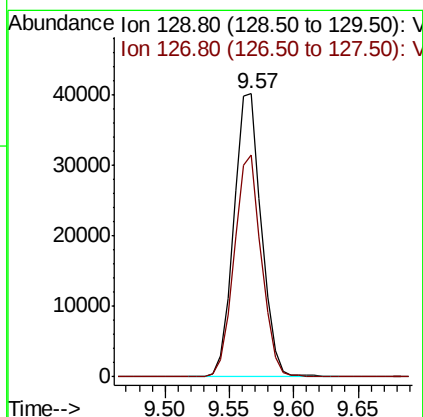
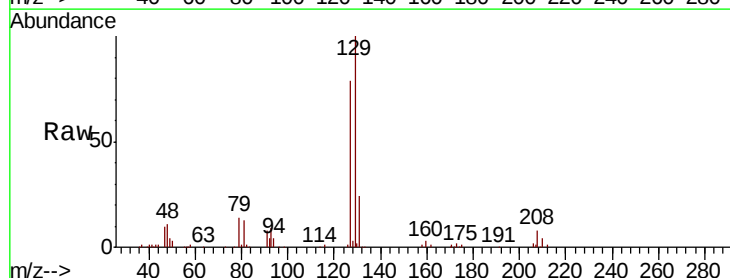
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

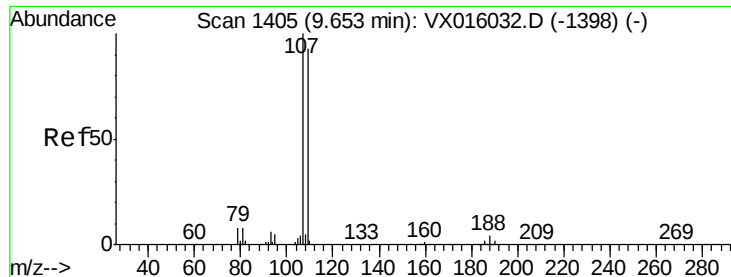
Tot Ion: 43 Resp: 299234
Ion Ratio Lower Upper
43 100
58 60.7 28.6 85.9



#60
Dibromochloromethane
Concen: 18.600 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion: 129 Resp: 59743
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.131 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

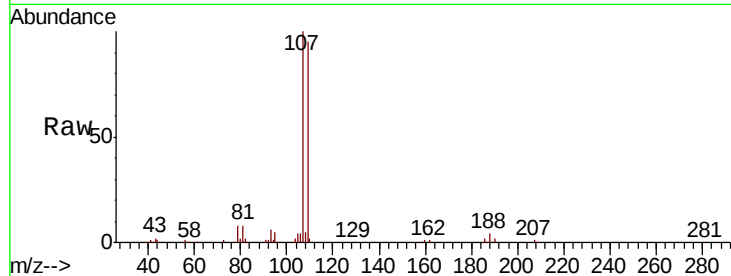
VX0520WBSD01

Tot Ion:107 Resp: 57276

Ion Ratio Lower Upper

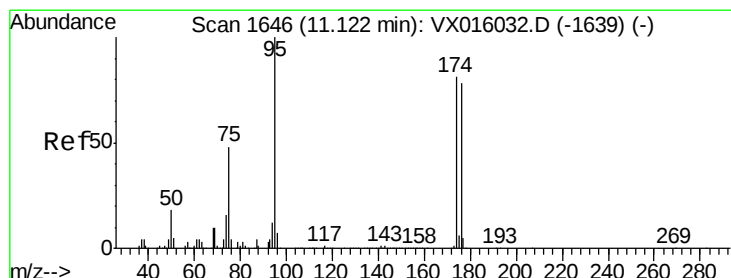
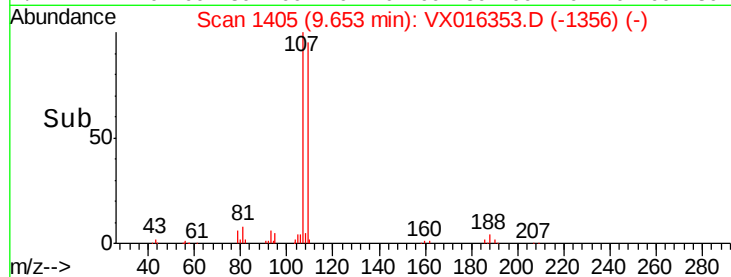
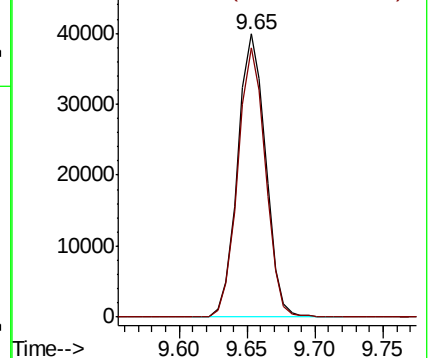
107 100

109 94.0 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.503 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

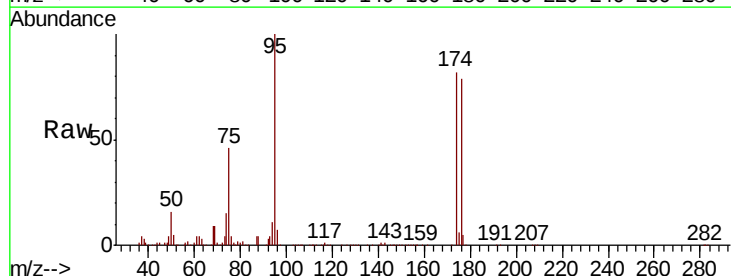
Tgt Ion: 95 Resp: 178280

Ion Ratio Lower Upper

95 100

174 81.2 0.0 159.4

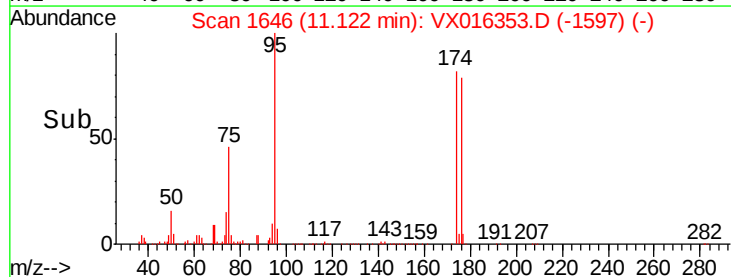
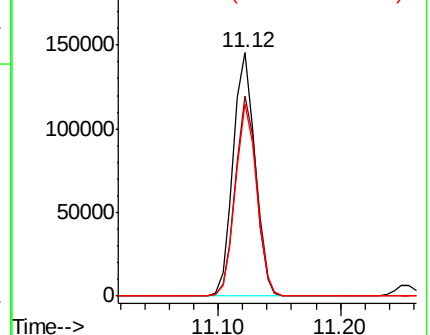
176 77.2 0.0 157.6



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

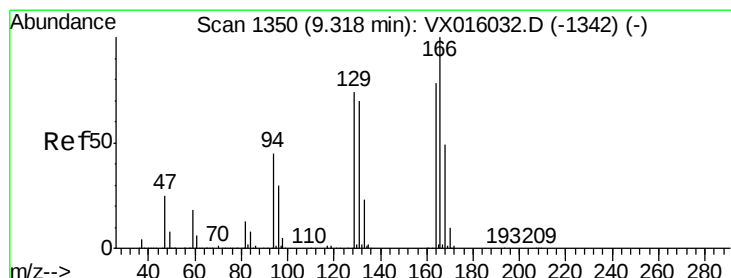
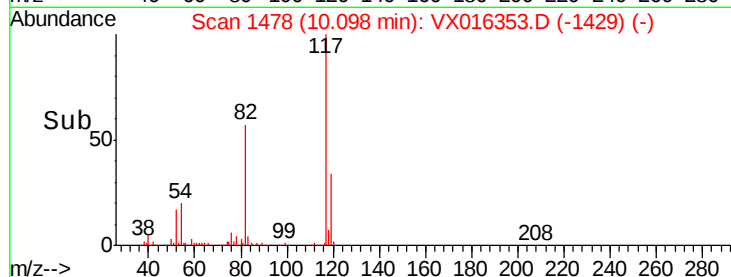
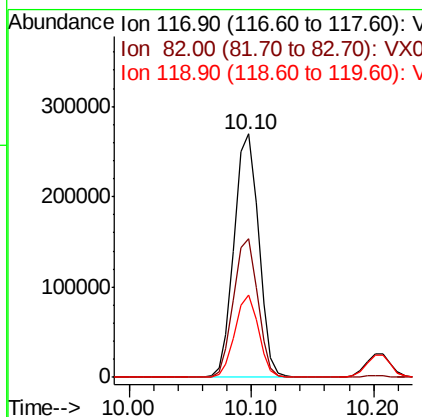
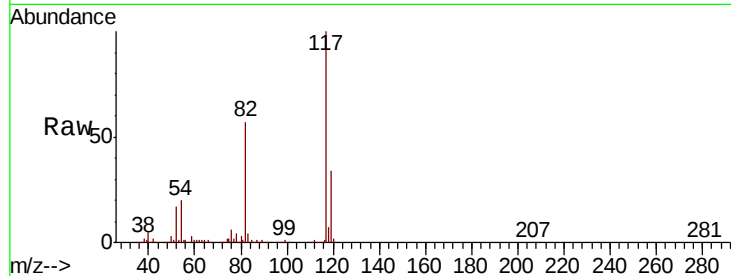




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

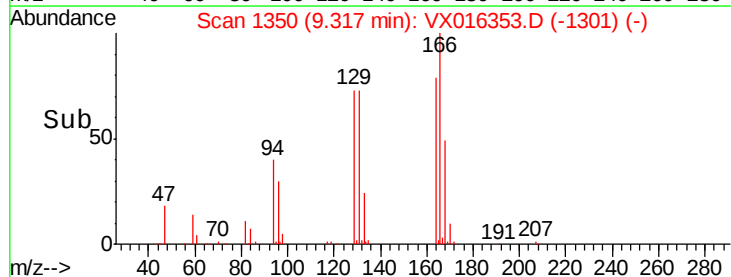
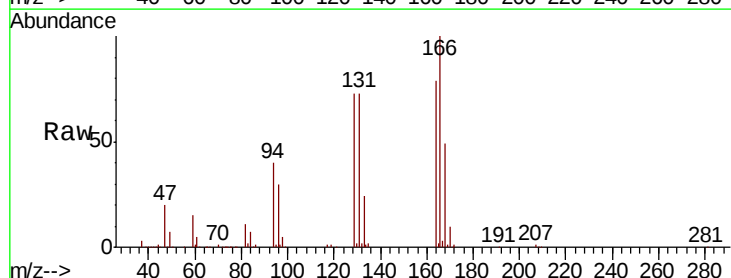
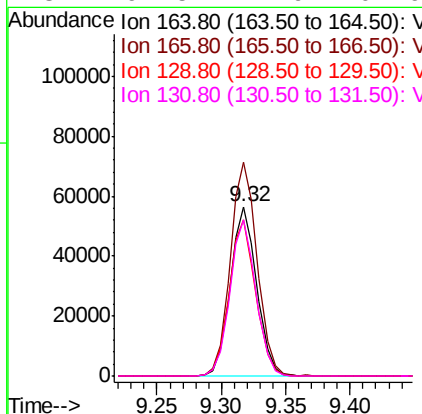
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

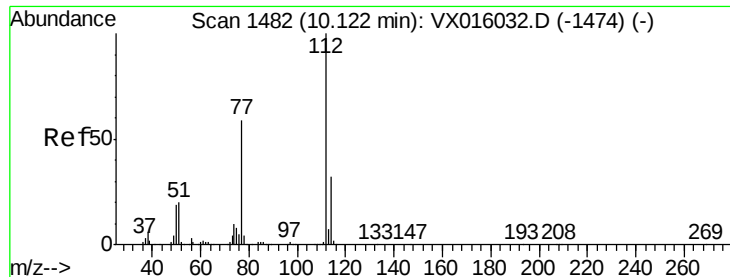
Tot Ion:117 Resp: 373879
Ion Ratio Lower Upper
117 100
82 57.1 44.4 66.6
119 33.6 25.5 38.3



#64
Tetrachloroethene
Concen: 17.534 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion:164 Resp: 80477
Ion Ratio Lower Upper
164 100
166 126.4 102.9 154.3
129 92.5 76.1 114.1
131 92.5 71.9 107.9





#65

Chlorobenzene

Concen: 18.373 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

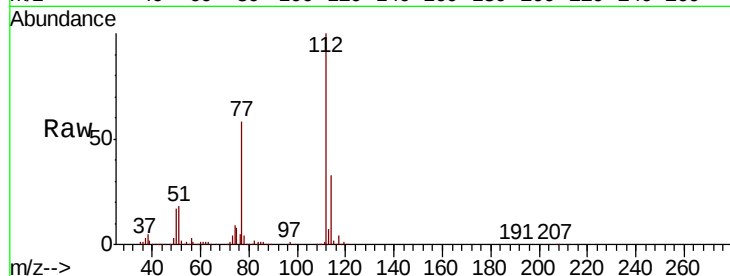
VX0520WBSD01

Tot Ion:112 Resp: 143834

Ion Ratio Lower Upper

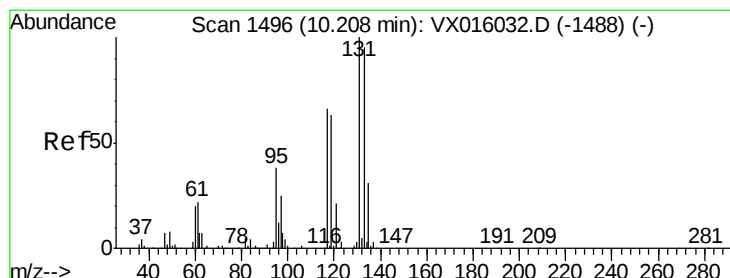
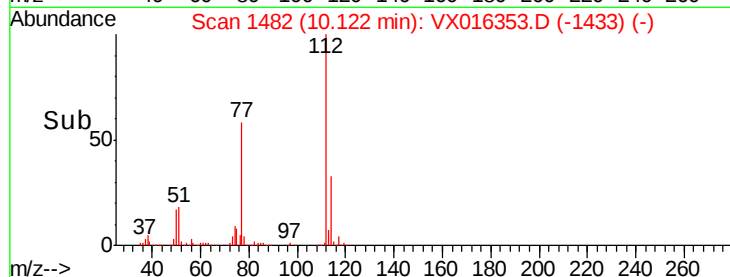
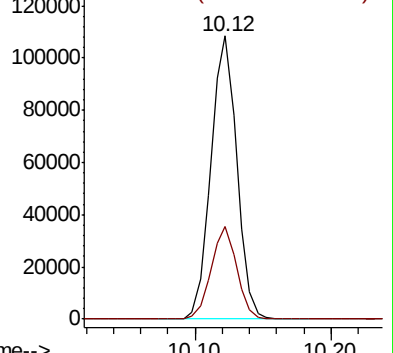
112 100

114 32.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.195 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

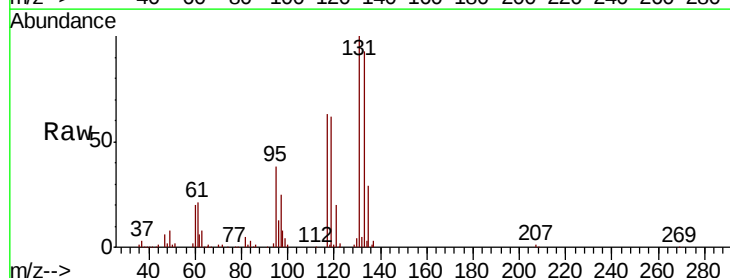
Tgt Ion:131 Resp: 55540

Ion Ratio Lower Upper

131 100

133 94.5 48.3 144.8

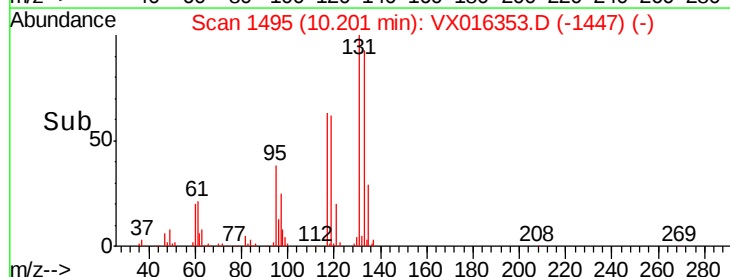
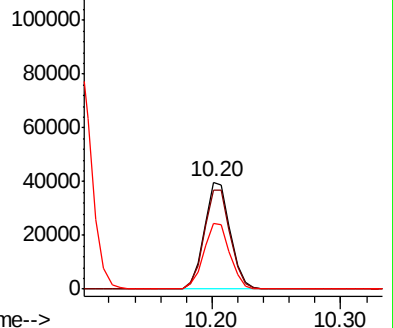
119 62.7 32.3 96.9

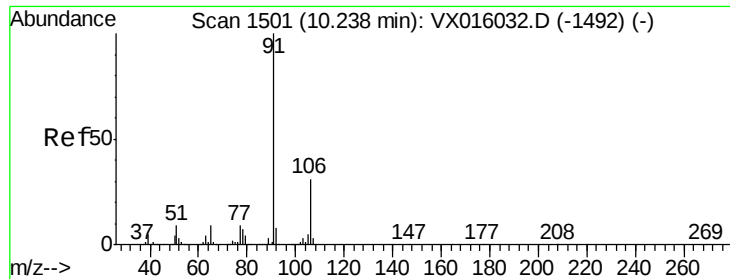


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.008 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

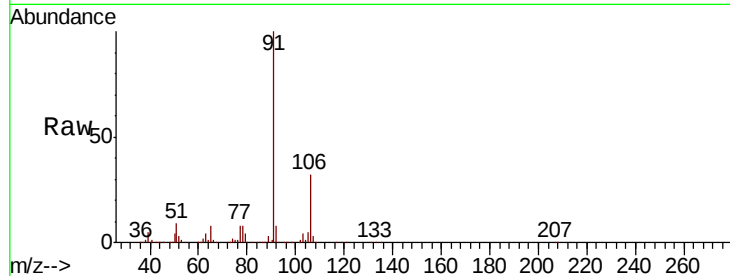
VX0520WBSD01

Tot Ion: 91 Resp: 251538

Ion Ratio Lower Upper

91 100

106 31.8 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

300000

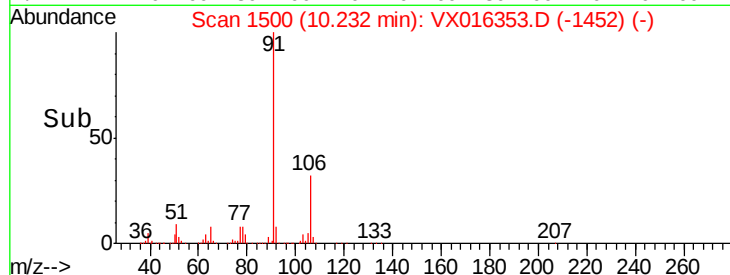
200000

100000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 36.592 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016353.D

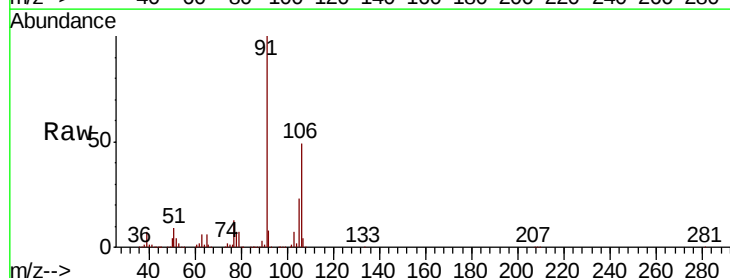
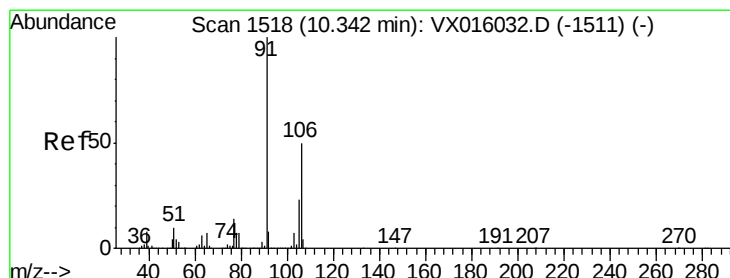
Acq: 20 May 2020 12:27

Tgt Ion: 106 Resp: 191498

Ion Ratio Lower Upper

106 100

91 202.2 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

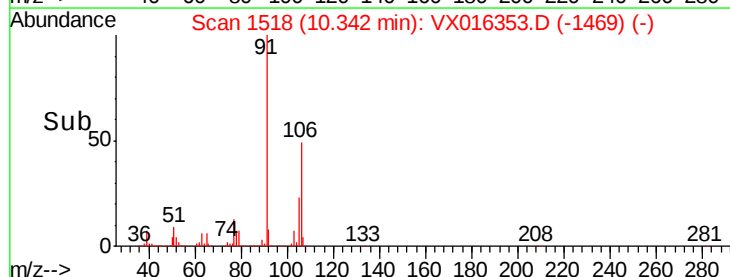
200000

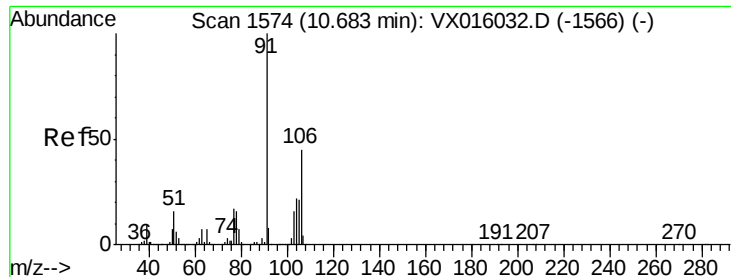
100000

0

10.30 10.40

Time-->

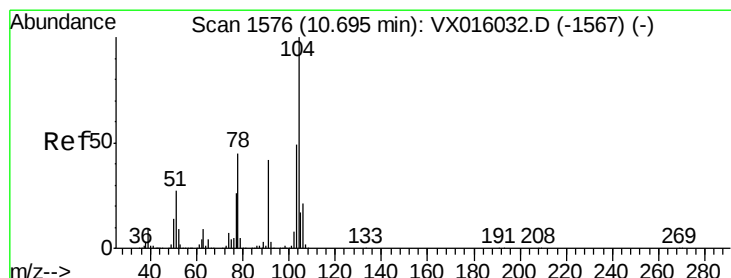
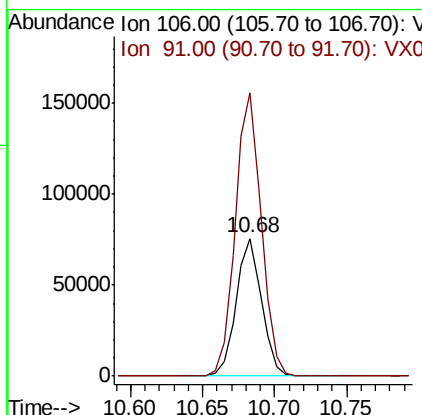
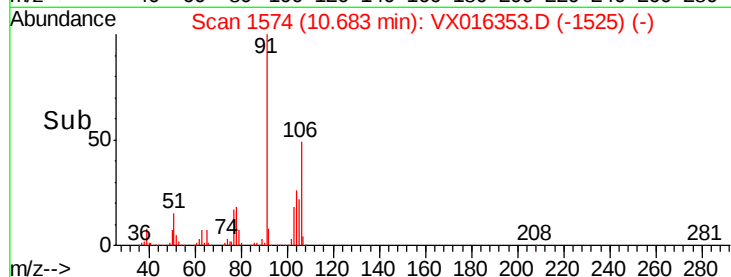
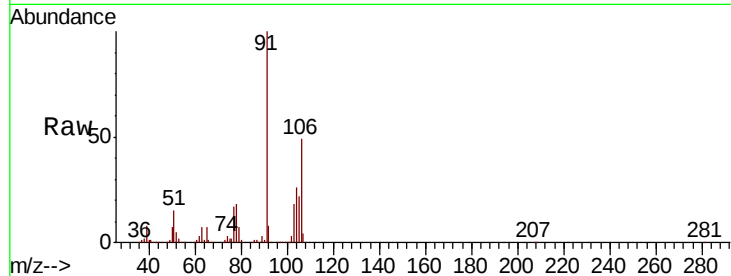




#69
o-Xylene
Concen: 18.522 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

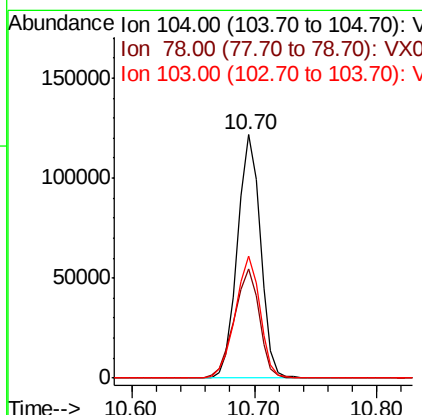
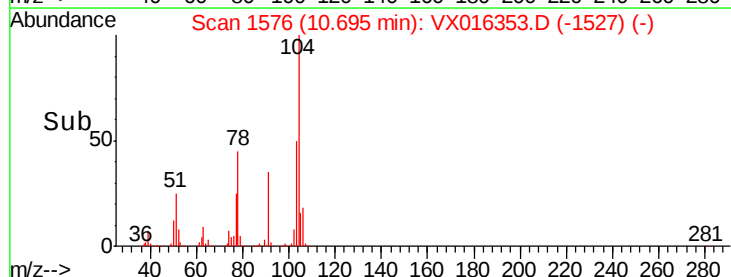
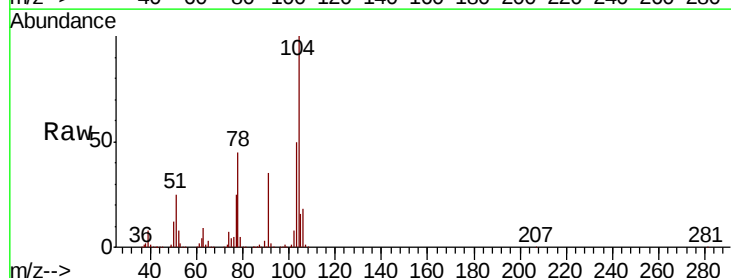
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

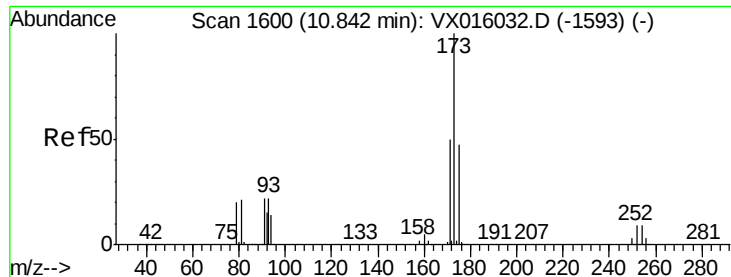
Tot Ion:106 Resp: 93177
Ion Ratio Lower Upper
106 100
91 209.8 107.5 322.6



#70
Styrene
Concen: 18.490 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion:104 Resp: 157795
Ion Ratio Lower Upper
104 100
78 49.3 40.2 60.2
103 54.0 43.0 64.6





#71

Bromoform

Concen: 19.136 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

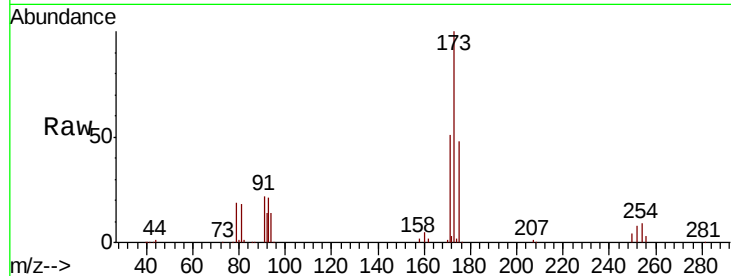
Tot Ion:173 Resp: 45112

Ion Ratio Lower Upper

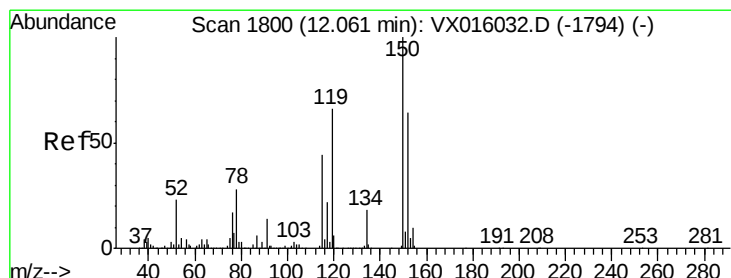
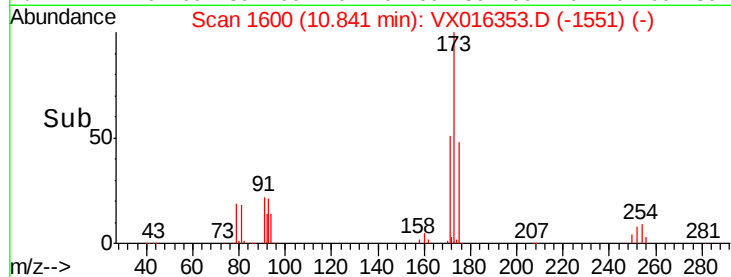
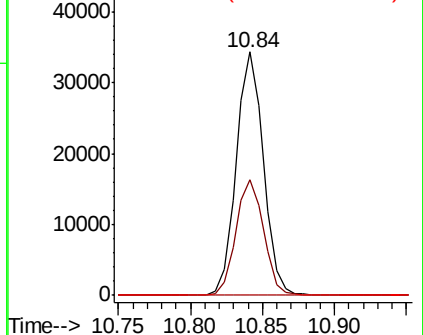
173 100

175 48.4 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: VX016353.D

Acq: 20 May 2020 12:27

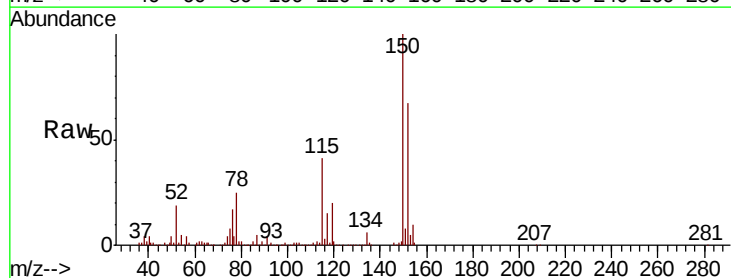
Tgt Ion:152 Resp: 190353

Ion Ratio Lower Upper

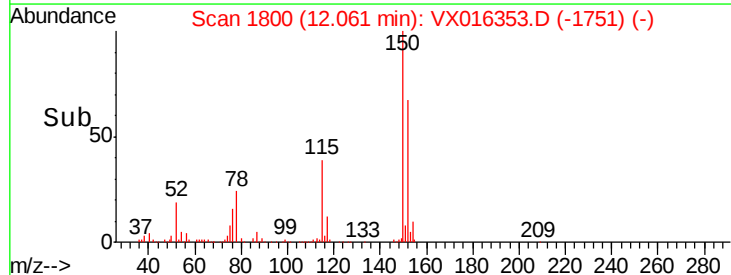
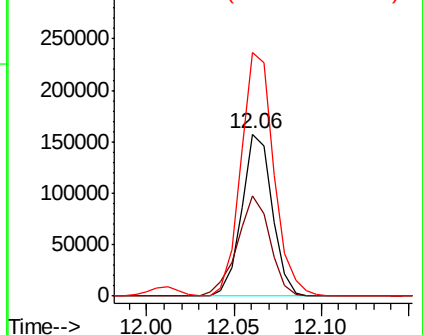
152 100

115 66.6 41.3 124.1

150 162.3 0.0 352.2



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





#73

Isopropylbenzene

Concen: 17.547 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

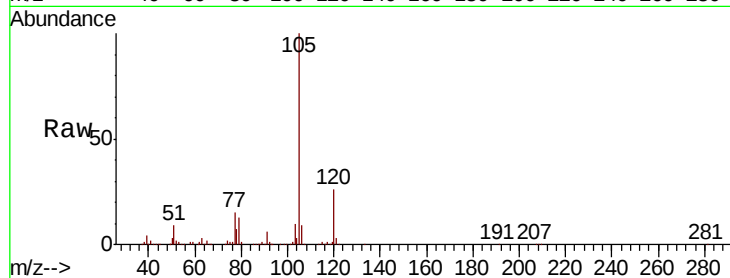
VX0520WBSD01

Tot Ion: 105 Resp: 242940

Ion Ratio Lower Upper

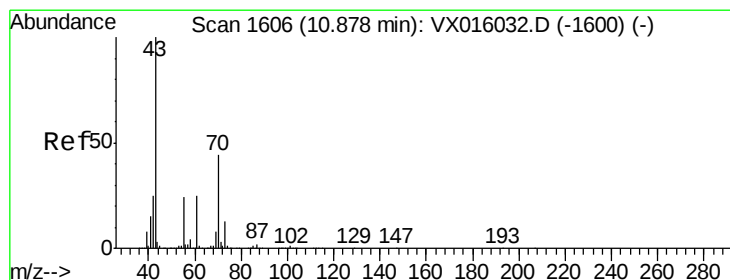
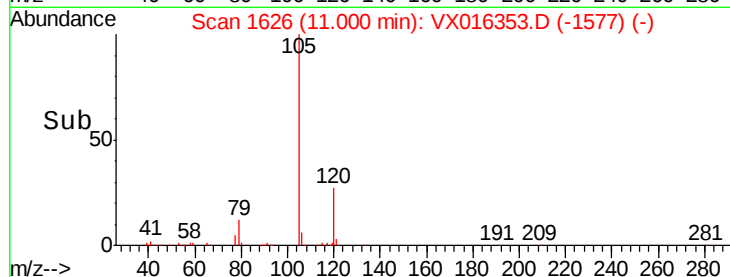
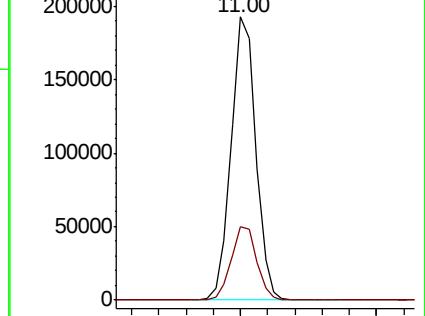
105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.229 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Tgt Ion: 43 Resp: 104809

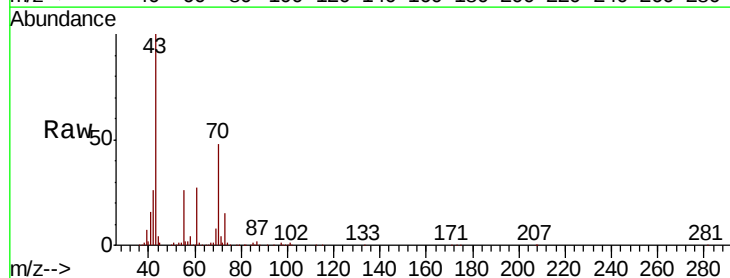
Ion Ratio Lower Upper

43 100

70 48.6 36.5 54.7

55 26.2 19.7 29.5

61 26.9 20.9 31.3

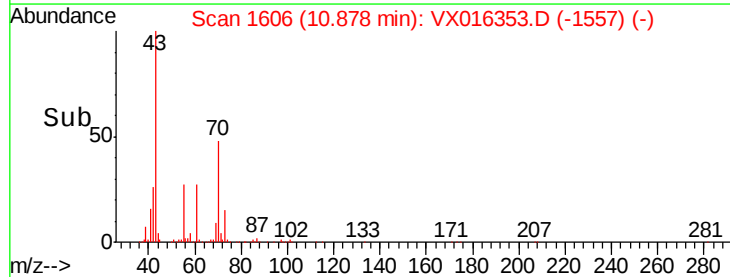
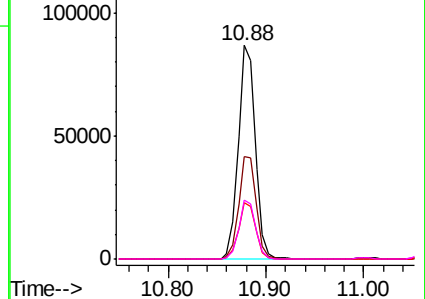


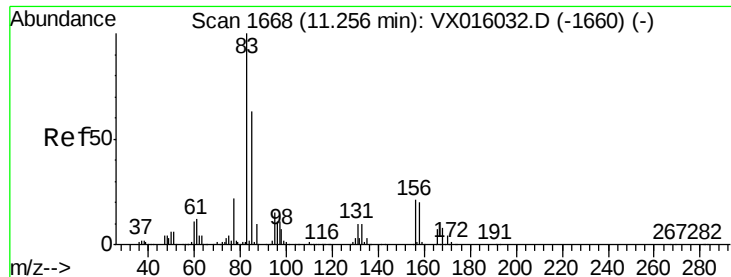
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 22.115 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

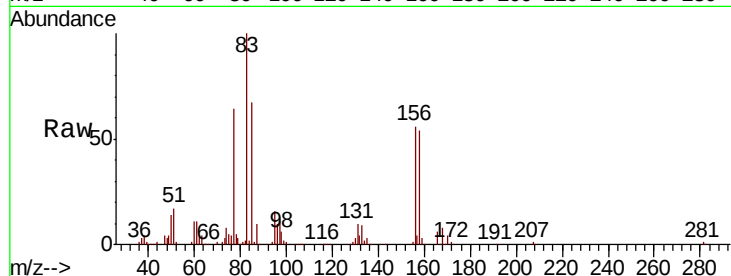
Tot Ion: 83 Resp: 53877

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

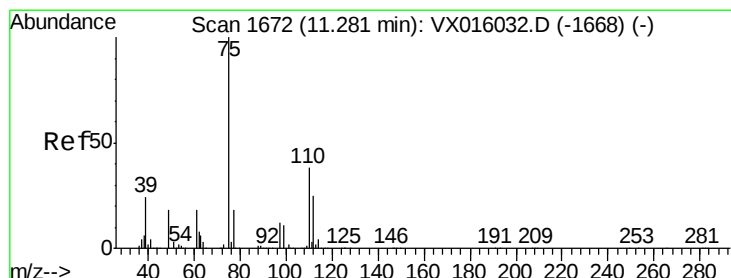
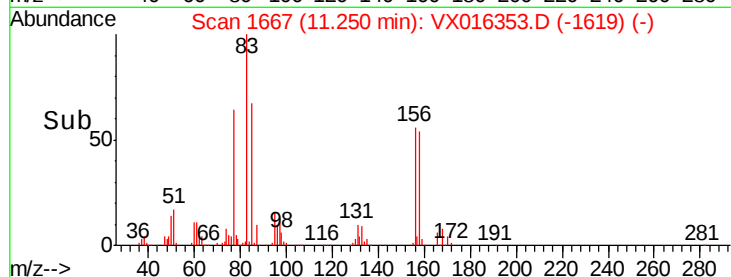
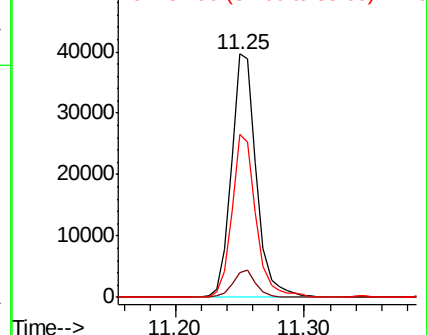
85 64.4 32.0 96.0



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: 23.661 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016353.D

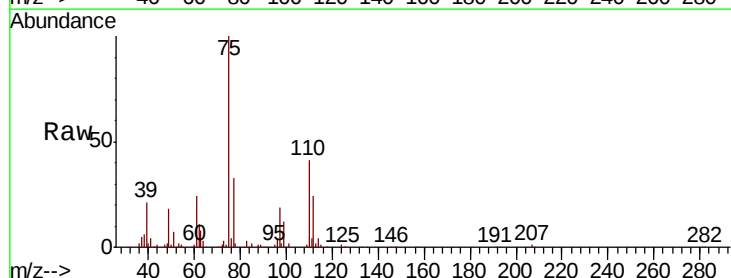
Acq: 20 May 2020 12:27

Tgt Ion: 75 Resp: 102205

Ion Ratio Lower Upper

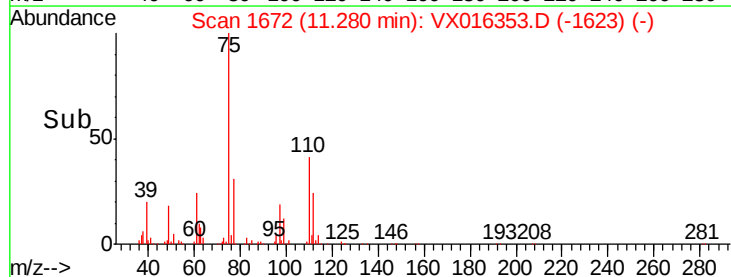
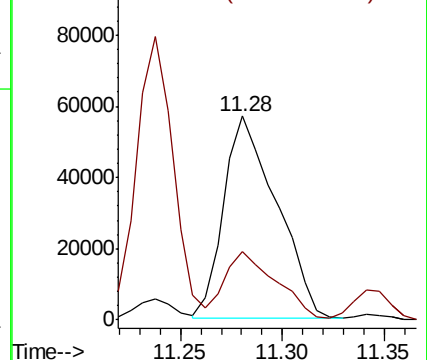
75 100

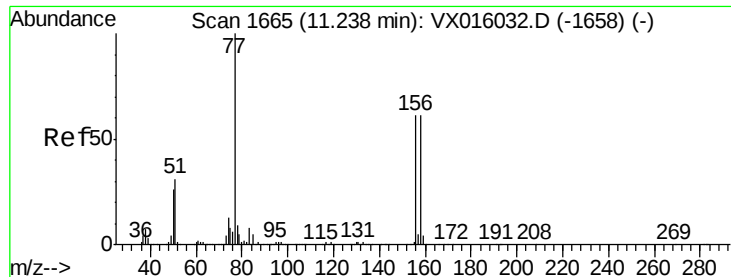
77 32.7 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.968 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

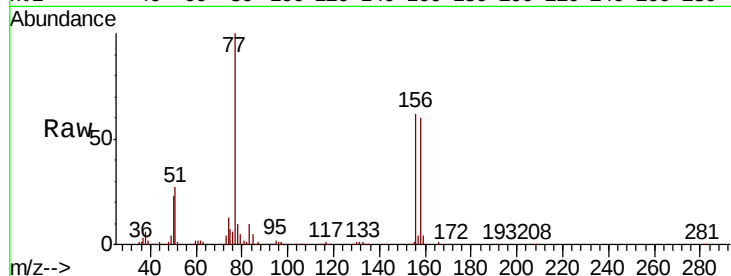
Tot Ion:156 Resp: 64210

Ion Ratio Lower Upper

156 100

77 156.7 80.1 240.3

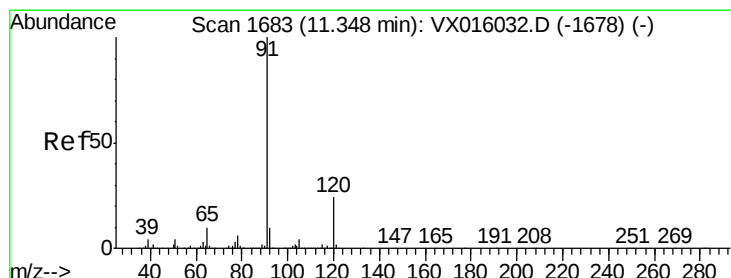
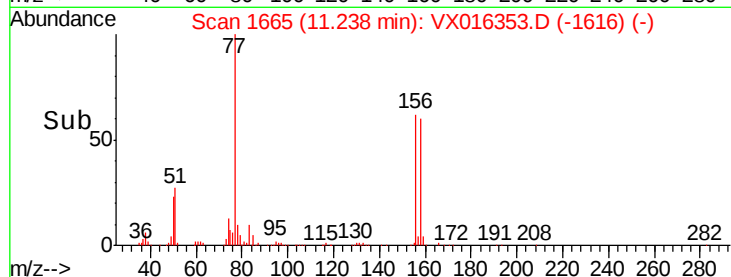
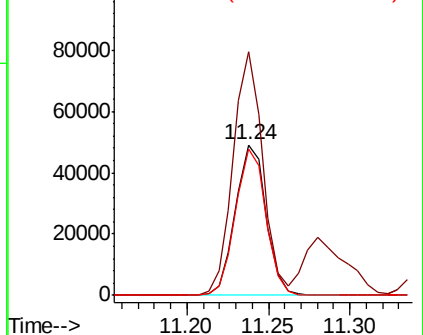
158 96.5 49.4 148.2



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: 16.980 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016353.D

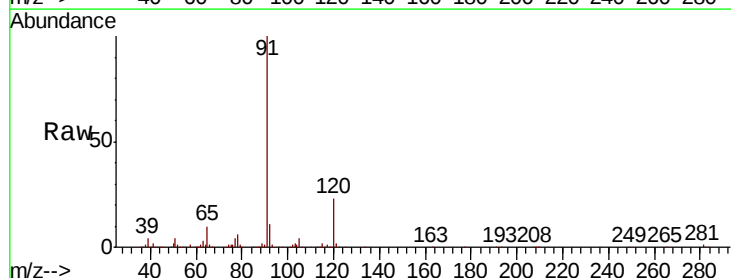
Acq: 20 May 2020 12:27

Tgt Ion: 91 Resp: 273489

Ion Ratio Lower Upper

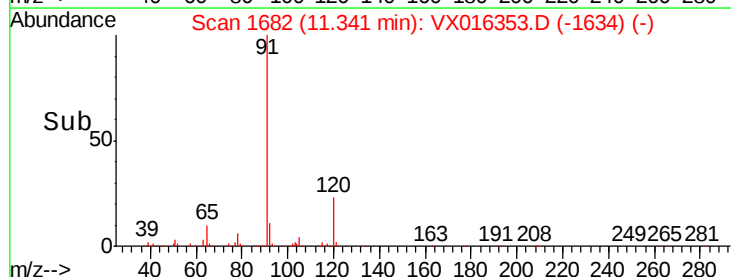
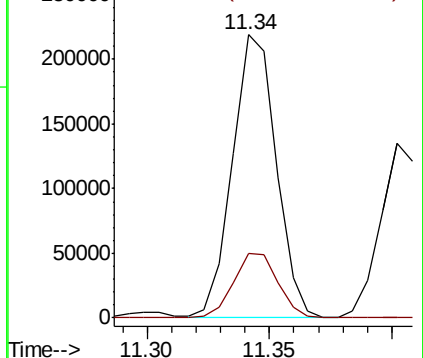
91 100

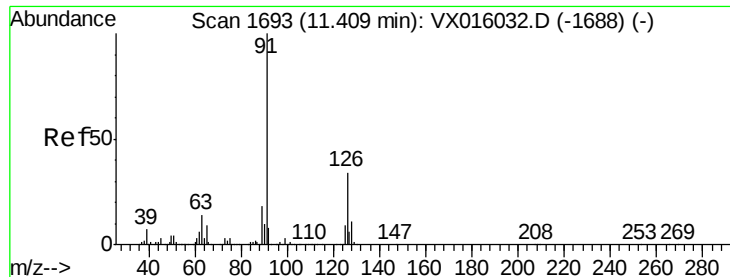
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

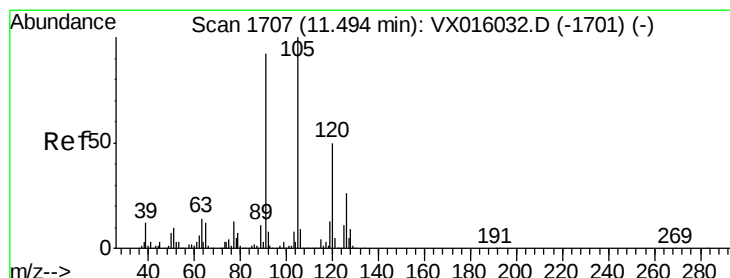
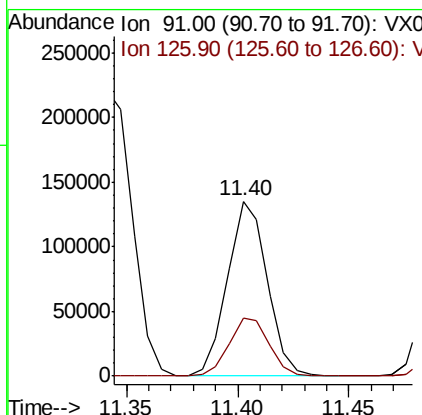
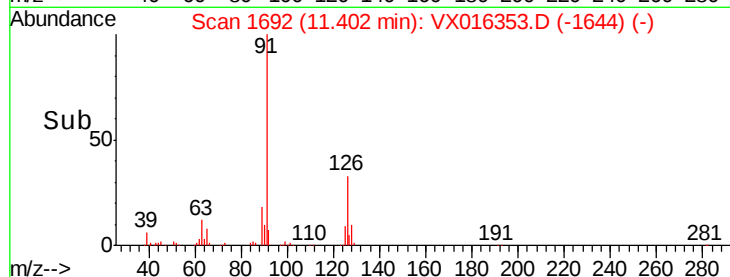
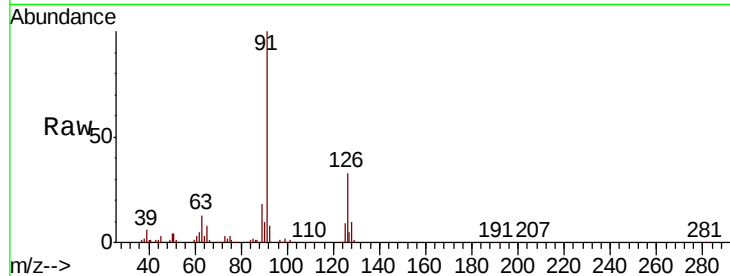




#79
 2-Chlorotoluene
 Concen: 17.694 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

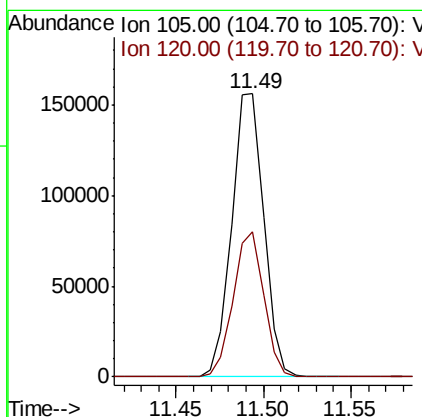
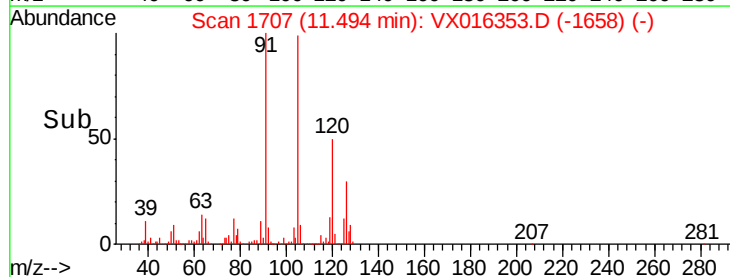
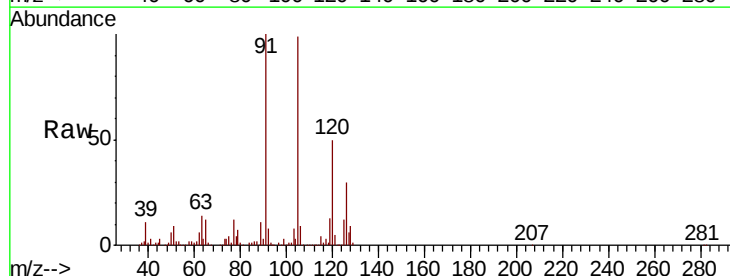
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

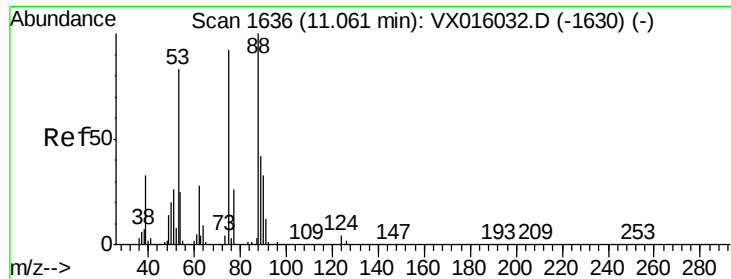
Tot Ion: 91 Resp: 168225
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 17.045 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Tgt Ion: 105 Resp: 199252
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.329 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

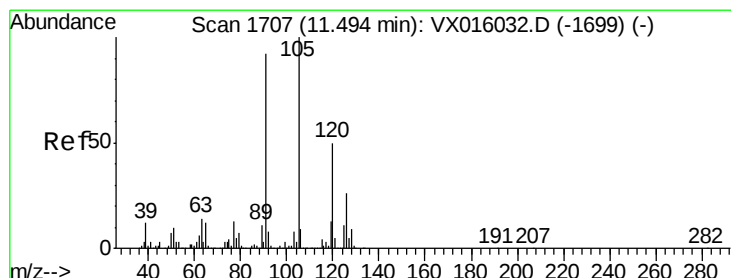
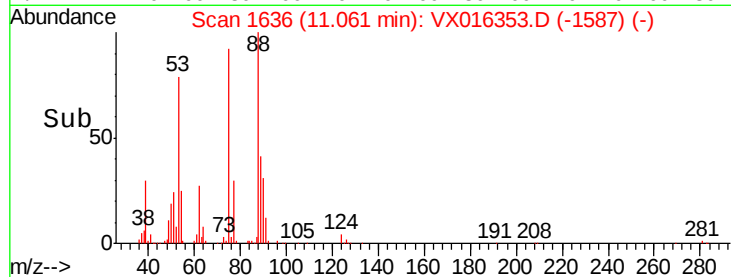
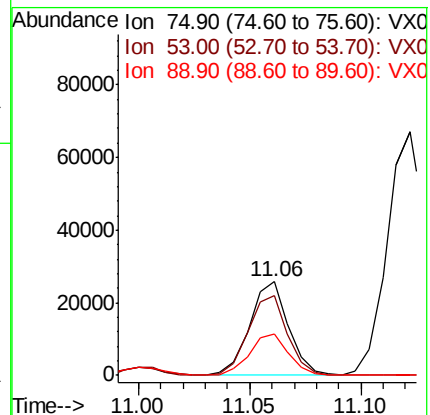
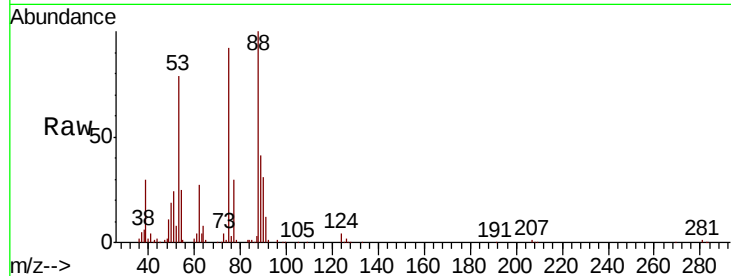
Tot Ion: 75 Resp: 31411

Ion Ratio Lower Upper

75 100

53 86.4 73.1 109.7

89 45.2 36.7 55.1



#82

4-Chlorotoluene

Concen: 17.439 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016353.D

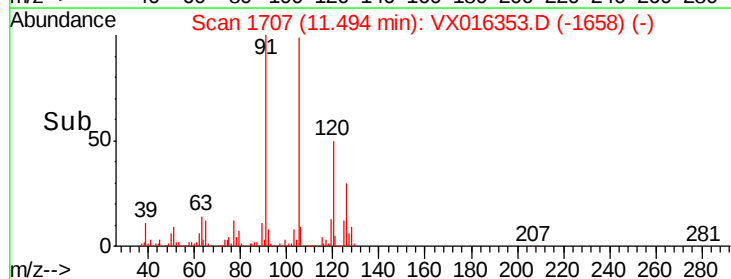
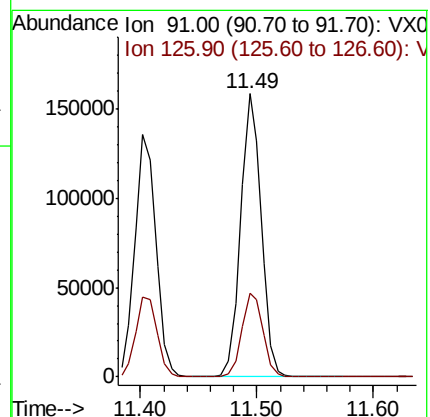
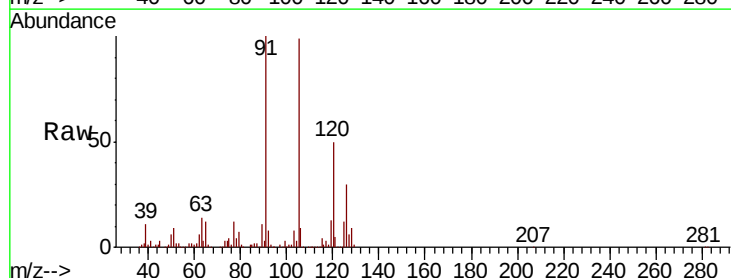
Acq: 20 May 2020 12:27

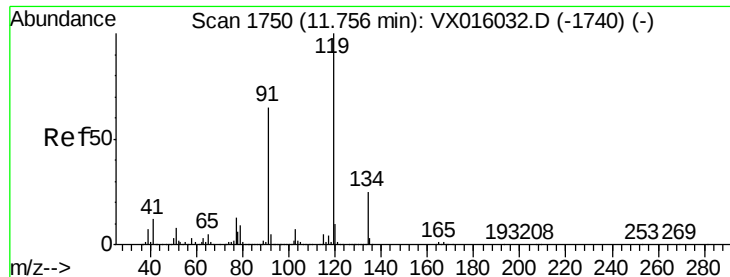
Tgt Ion: 91 Resp: 195793

Ion Ratio Lower Upper

91 100

126 30.3 14.8 44.3





#83

tert-Butylbenzene

Concen: 16.686 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampled :

VX0520WBSD01

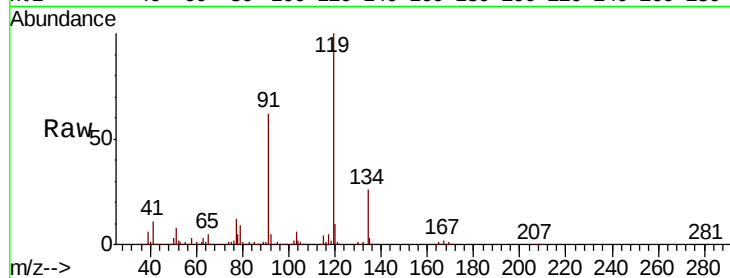
Tot Ion:119 Resp: 168104

Ion Ratio Lower Upper

119 100

91 62.5 32.8 98.4

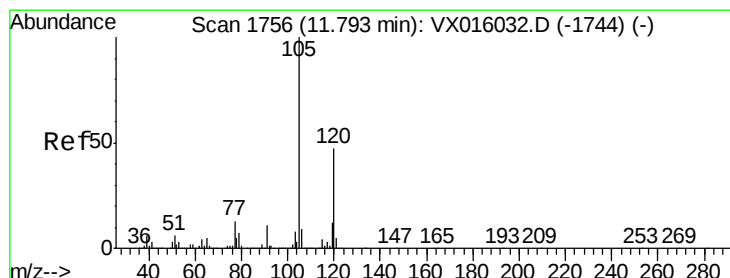
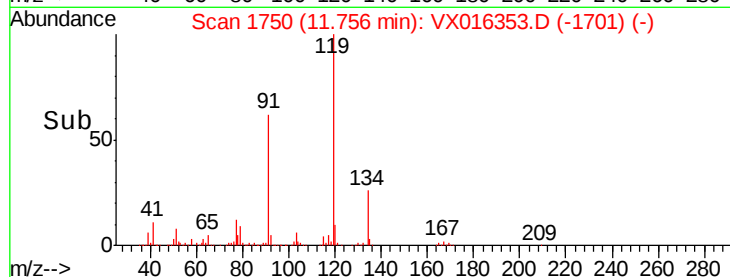
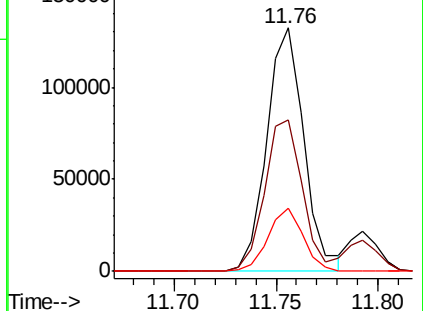
134 24.5 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.237 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016353.D

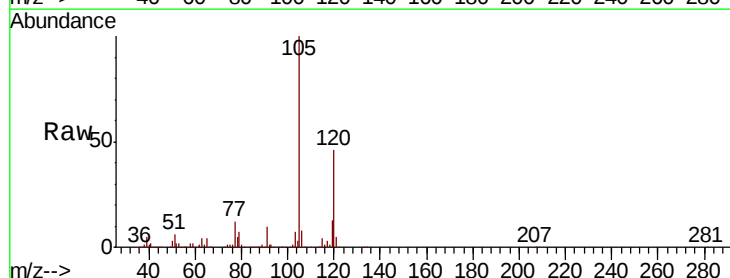
Acq: 20 May 2020 12:27

Tgt Ion:105 Resp: 203718

Ion Ratio Lower Upper

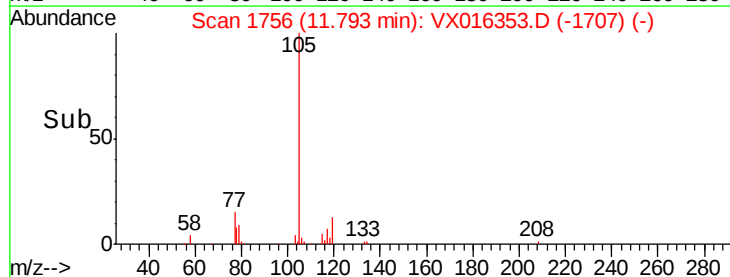
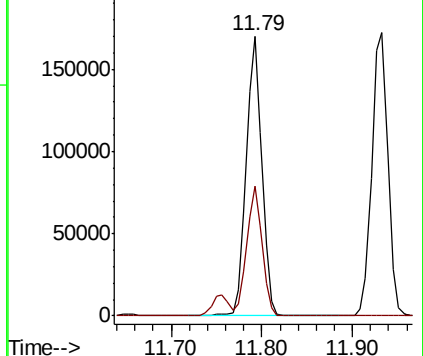
105 100

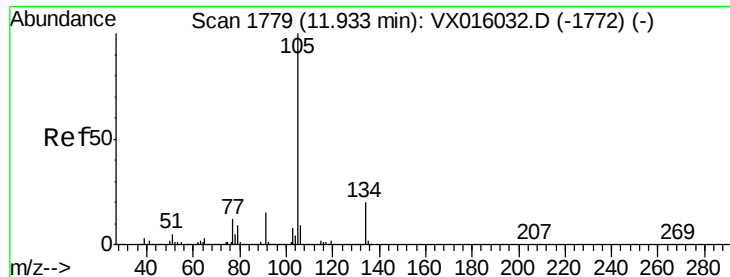
120 45.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 15.482 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

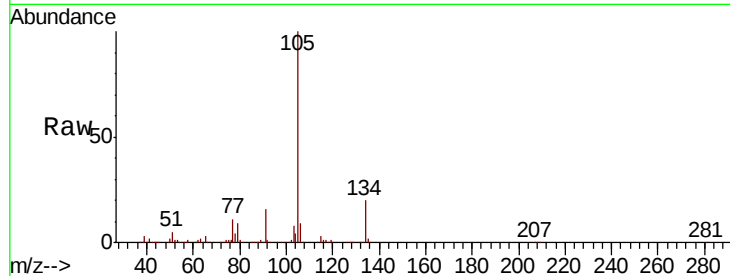
VX0520WBSD01

Tot Ion:105 Resp: 210589

Ion Ratio Lower Upper

105 100

134 20.0 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

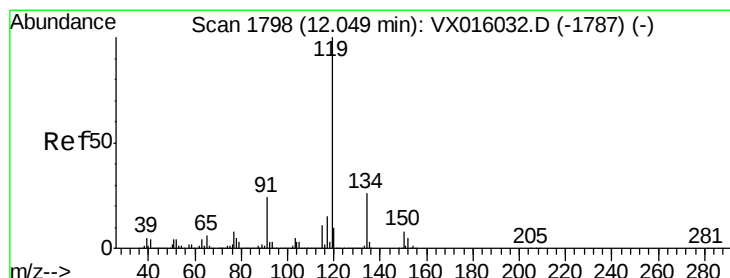
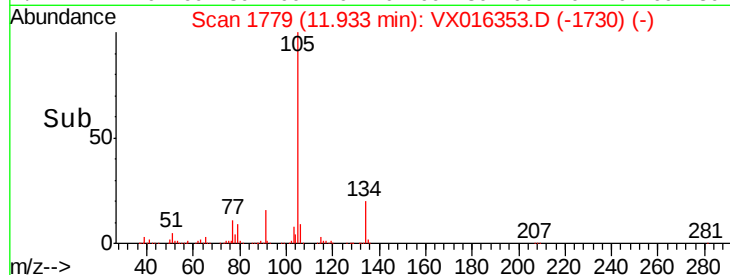
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 15.835 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

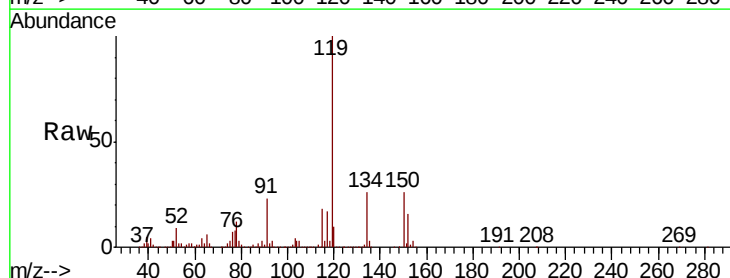
Tgt Ion:119 Resp: 199976

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 23.5 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

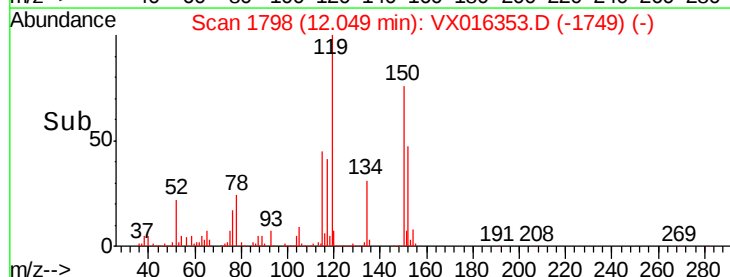
50000

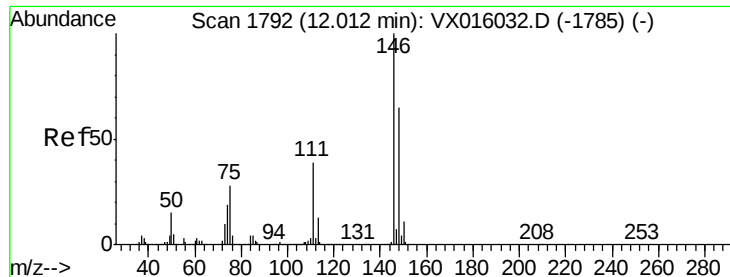
0

12.00

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 17.138 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

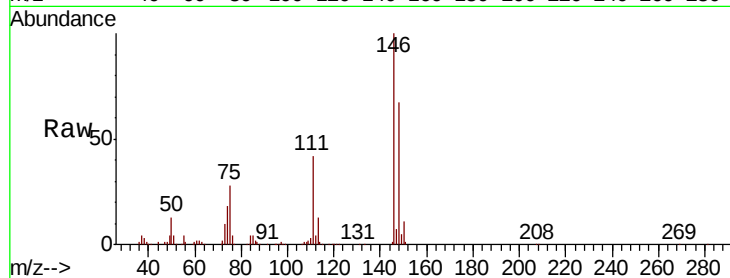
Tot Ion:146 Resp: 109968

Ion Ratio Lower Upper

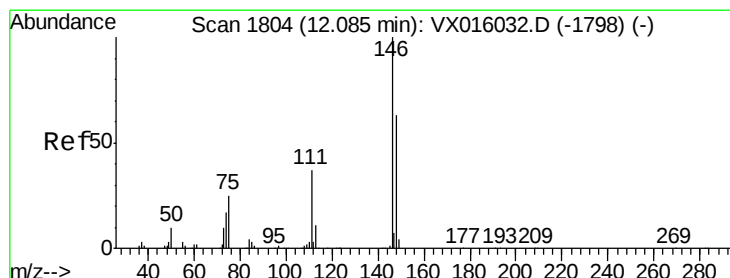
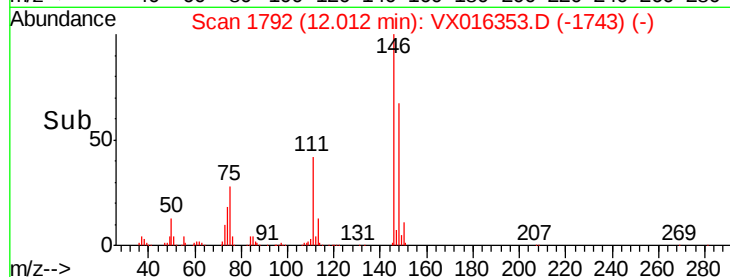
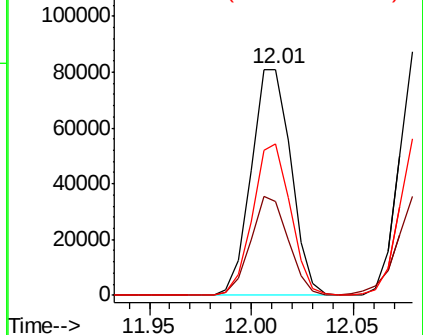
146 100

111 41.8 20.2 60.6

148 63.8 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 17.287 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

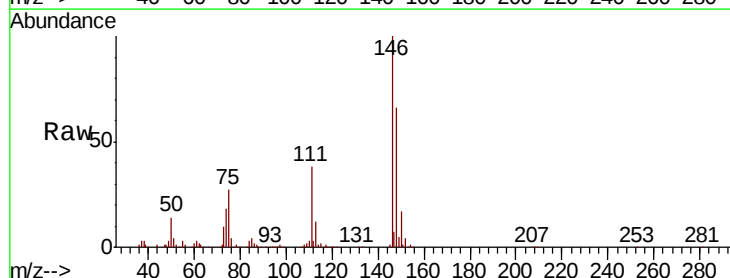
Tgt Ion:146 Resp: 112583

Ion Ratio Lower Upper

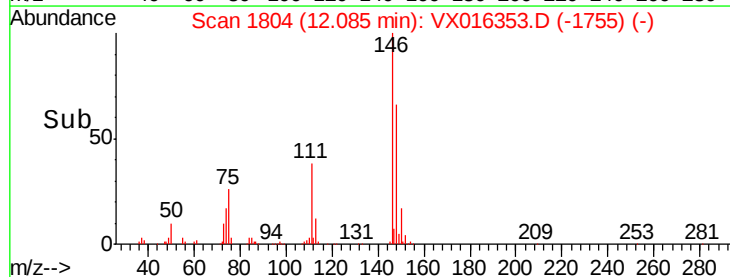
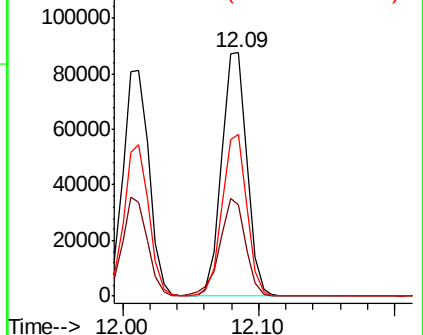
146 100

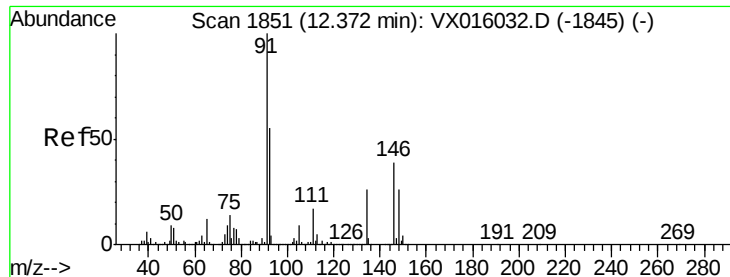
111 41.0 19.6 58.7

148 65.2 31.8 95.3



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

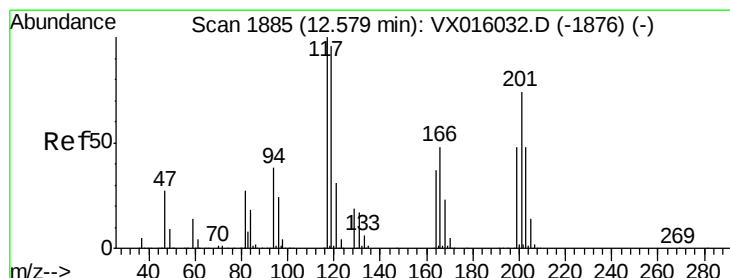
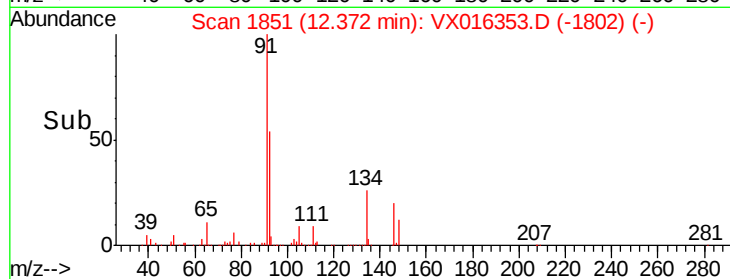
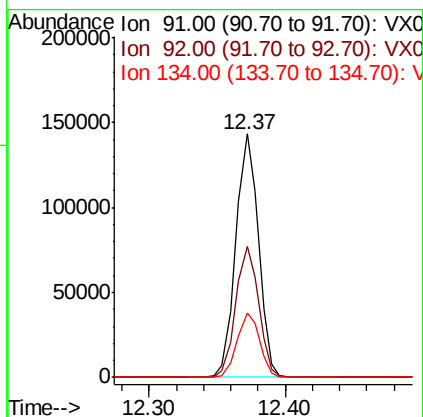
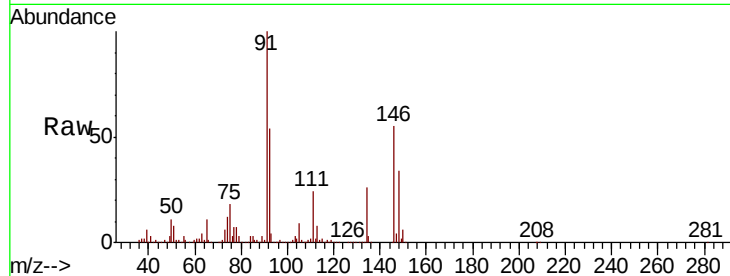




#89
n-Butylbenzene
Concen: 14.356 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

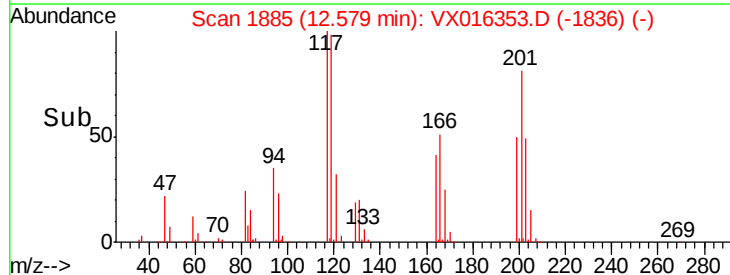
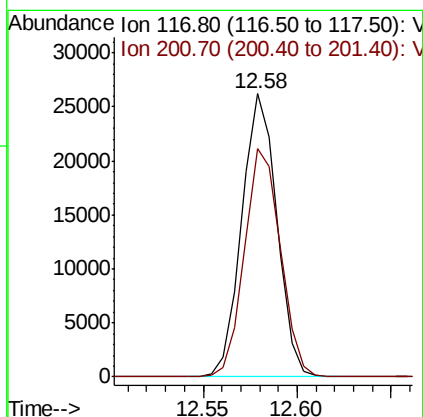
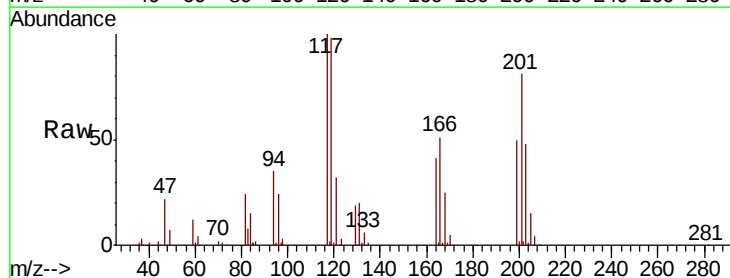
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

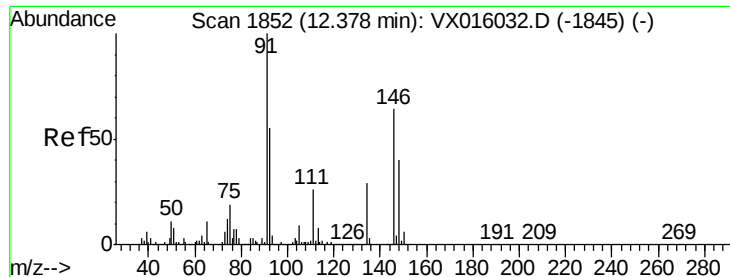
Tot Ion: 91 Resp: 165630
Ion Ratio Lower Upper
91 100
92 54.4 27.6 82.7
134 26.5 13.4 40.1



#90
Hexachloroethane
Concen: 15.577 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion: 117 Resp: 33786
Ion Ratio Lower Upper
117 100
201 82.6 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 17.898 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBSD01

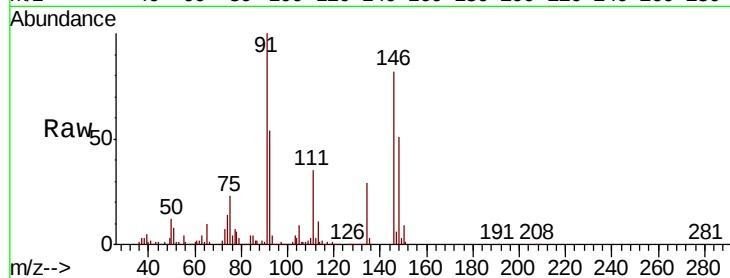
Tot Ion:146 Resp: 110585

Ion Ratio Lower Upper

146 100

111 42.8 21.1 63.1

148 62.9 32.4 97.0

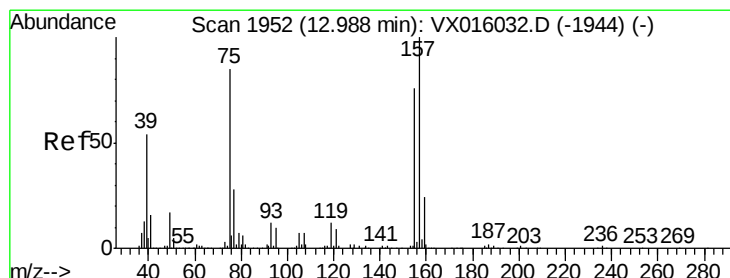
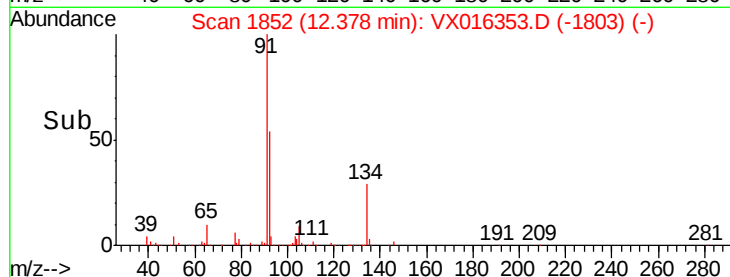
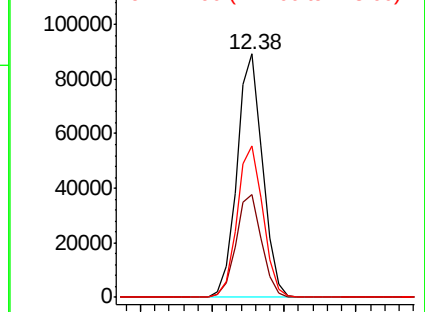


Abundance

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: 16.046 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016353.D

Acq: 20 May 2020 12:27

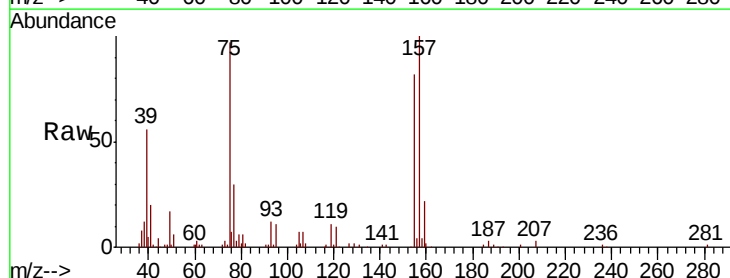
Tgt Ion: 75 Resp: 18268

Ion Ratio Lower Upper

75 100

155 90.4 42.5 127.5

157 115.4 55.3 165.8

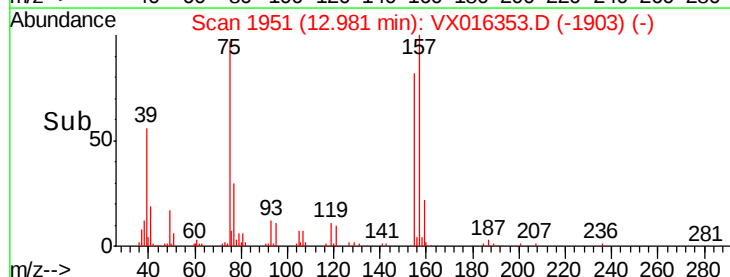
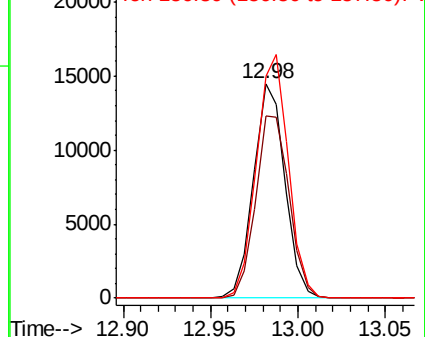


Abundance

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

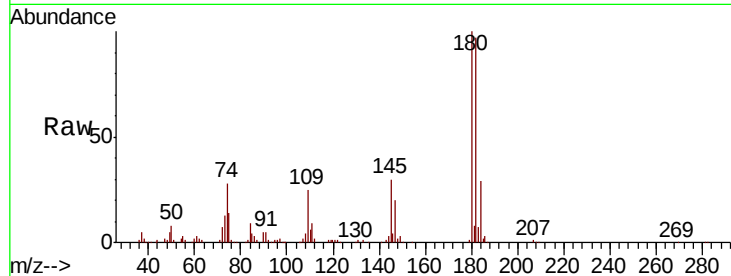




#93
 1,2,4-Trichlorobenzene
 Concen: 15.653 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.7	146.1
145	29.9	15.7	47.1

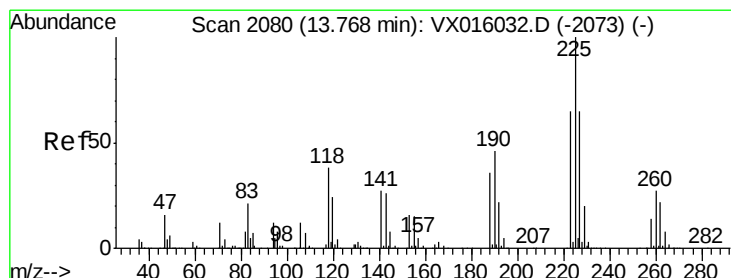
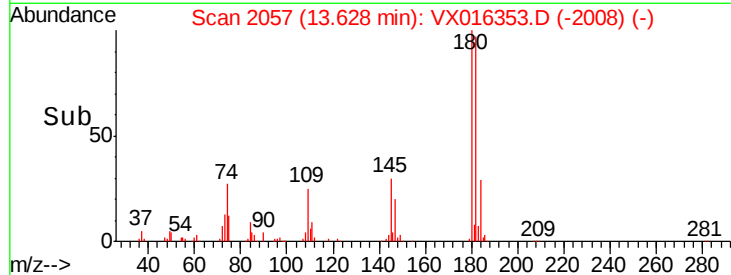
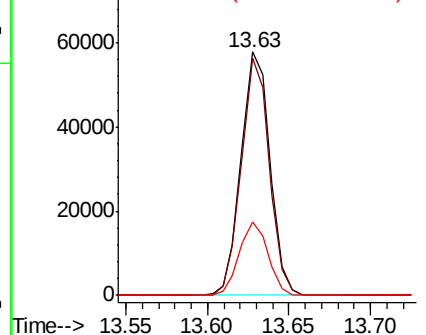


Abundance

Ion 179.80 (179.50 to 180.50): V

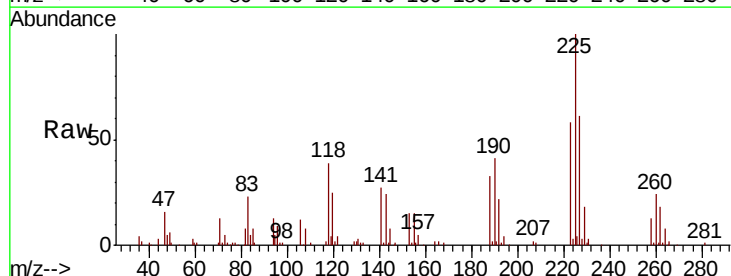
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 14.055 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016353.D
 Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	32.3	96.9
227	64.0	31.8	95.4

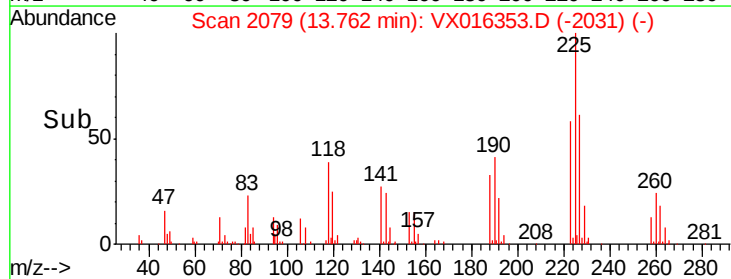
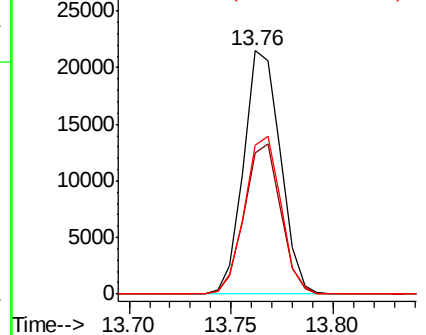


Abundance

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

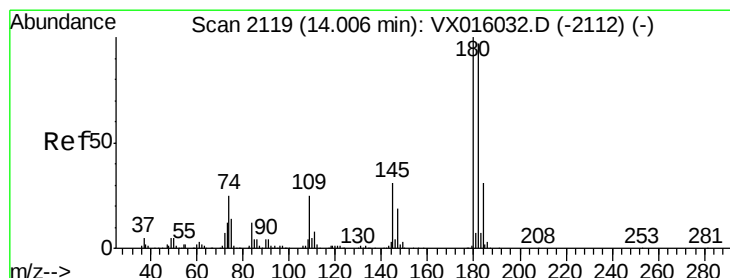
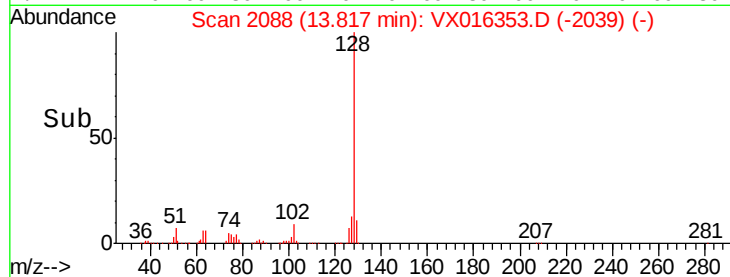
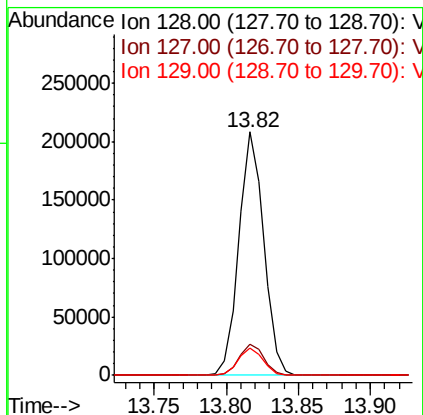
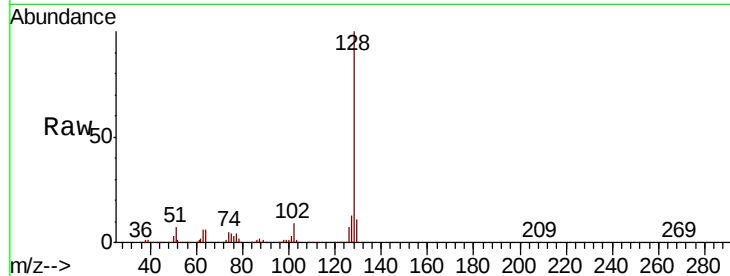




#95
Naphthalene
Concen: 16.880 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.626 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016353.D
Acq: 20 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.4	145.0
145	31.9	16.4	49.1

