

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
 Data File : VX016250.D
 Acq On : 14 May 2020 23:34
 Operator : JC/SP
 Sample : VX0514WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

Quant Time: May 15 01:39:27 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	5.64	168	200181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	355543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	342721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	167226	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	141210	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	5.47	113	109621	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	8.70	98	418613	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.12	95	163046	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	32962	15.56	ug/l	99
3) Chloromethane	1.31	50	48114	19.55	ug/l	100
4) Vinyl Chloride	1.39	62	46291	17.63	ug/l	99
5) Bromomethane	1.63	94	32113	24.26	ug/l	99
6) Chloroethane	1.71	64	29703	18.59	ug/l	97
7) Trichlorofluoromethane	1.92	101	55494	16.10	ug/l	99
8) Diethyl Ether	2.17	74	29049	20.00	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29687	14.93	ug/l	100
10) Methyl Iodide	2.49	142	37016	13.86	ug/l	99
11) Tert butyl alcohol	3.01	59	73708	110.65	ug/l	100
12) 1,1-Dichloroethene	2.36	96	34989	16.81	ug/l	98
13) Acrolein	2.27	56	40105	96.21	ug/l	98
14) Allyl chloride	2.71	41	72358	18.96	ug/l	95
15) Acrylonitrile	3.12	53	158805	114.92	ug/l	99
16) Acetone	2.42	43	129006	109.76	ug/l	97
17) Carbon Disulfide	2.55	76	103893	16.49	ug/l	99
18) Methyl Acetate	2.75	43	68917	23.85	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	158225	22.06	ug/l	97
20) Methylene Chloride	2.84	84	49332	20.36	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	43307	18.68	ug/l	98
22) Diisopropyl ether	3.82	45	152649	21.21	ug/l	97
23) Vinyl Acetate	3.79	43	670105	105.82	ug/l	98
24) 1,1-Dichloroethane	3.67	63	82938	20.60	ug/l	100
25) 2-Butanone	4.64	43	217002	114.58	ug/l	98
26) 2,2-Dichloropropane	4.55	77	57261	15.57	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	52735	20.80	ug/l	96
28) Bromochloromethane	4.98	49	44090	24.01	ug/l	96
29) Tetrahydrofuran	5.09	42	143147	114.07	ug/l	97
30) Chloroform	5.18	83	84758	21.14	ug/l	98
31) Cyclohexane	5.55	56	55236	15.09	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	69737	19.14	ug/l	99
36) 1,1-Dichloropropene	5.77	75	55466	15.85	ug/l	100
37) Ethyl Acetate	4.80	43	81261	20.03	ug/l	98
38) Carbon Tetrachloride	5.76	117	57793	16.25	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
 Data File : VX016250.D
 Acq On : 14 May 2020 23:34
 Operator : JC/SP
 Sample : VX0514WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

Quant Time: May 15 01:39:27 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)
39) Methylcyclohexane	7.45	83	52462	12.45	ug/l	97
40) Benzene	6.12	78	193636	18.91	ug/l	99
41) Methacrylonitrile	5.01	41	43871	20.03	ug/l	97
42) 1,2-Dichloroethane	6.17	62	69626	18.87	ug/l	100
43) Isopropyl Acetate	6.42	43	126007	19.47	ug/l	98
44) Trichloroethene	7.19	130	62808	17.26	ug/l	97
45) 1,2-Dichloropropane	7.49	63	51599	19.91	ug/l	100
46) Dibromomethane	7.64	93	34793	19.76	ug/l	99
47) Bromodichloromethane	7.88	83	68707	19.16	ug/l	100
48) Methyl methacrylate	7.75	41	58563	19.10	ug/l	95
49) 1,4-Dioxane	7.71	88	29338	398.87	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	412453	104.14	ug/l	98
52) Toluene	8.77	92	121769	19.08	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	78600	18.38	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	83637	18.73	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	51249	20.41	ug/l	98
56) Ethyl methacrylate	9.16	69	82752	20.19	ug/l	94
57) 1,3-Dichloropropane	9.35	76	88591	20.22	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	217271	99.56	ug/l	100
59) 2-Hexanone	9.48	43	316369	101.72	ug/l	97
60) Dibromochloromethane	9.57	129	55922	20.22	ug/l	99
61) 1,2-Dibromoethane	9.66	107	54036	19.86	ug/l	98
64) Tetrachloroethene	9.32	164	69303	16.47	ug/l	99
65) Chlorobenzene	10.12	112	131222	18.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	49630	18.71	ug/l	100
67) Ethyl Benzene	10.24	91	223110	17.42	ug/l	99
68) m/p-Xylenes	10.34	106	165237	34.44	ug/l	98
69) o-Xylene	10.68	106	82579	17.91	ug/l	100
70) Styrene	10.70	104	142340	18.19	ug/l	100
71) Bromoform	10.84	173	41001	18.97	ug/l #	96
73) Isopropylbenzene	11.01	105	205097	16.86	ug/l	98
74) N-amyl acetate	10.88	43	102363	18.04	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	53538	24.63	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	98460	25.95	ug/l	85
77) Bromobenzene	11.24	156	58682	18.69	ug/l	98
78) n-propylbenzene	11.34	91	231669	16.37	ug/l	100
79) 2-Chlorotoluene	11.41	91	148533	17.78	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	173849	16.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28129	17.66	ug/l	100
82) 4-Chlorotoluene	11.49	91	176332	17.88	ug/l	100
83) tert-Butylbenzene	11.76	119	143460	16.21	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	179491	17.29	ug/l	99
85) sec-Butylbenzene	11.93	105	176900	14.80	ug/l	100
86) p-Isopropyltoluene	12.05	119	166144	14.98	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	98654	17.50	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	101463	17.73	ug/l	99
89) n-Butylbenzene	12.37	91	132750	13.10	ug/l	99
90) Hexachloroethane	12.58	117	28377	14.89	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	98159	18.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18762	18.76	ug/l	96

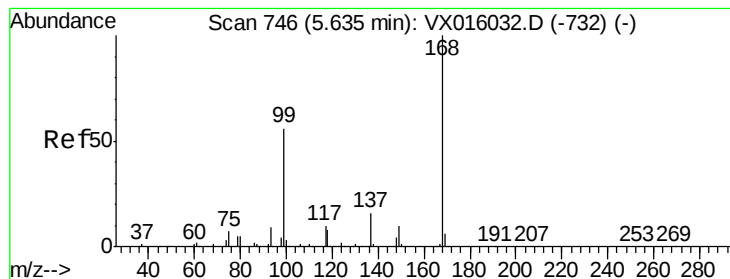
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
Data File : VX016250.D
Acq On : 14 May 2020 23:34
Operator : JC/SP
Sample : VX0514WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Quant Time: May 15 01:39:27 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)
93) 1,2,4-Trichlorobenzene	13.63	180	62946	15.66	ug/l	99
94) Hexachlorobutadiene	13.77	225	19055	11.42	ug/l	98
95) Naphthalene	13.82	128	235761	18.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	64498	16.42	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

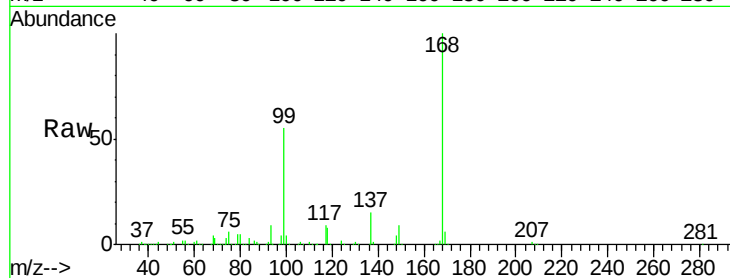
VX0514WBS02

Tgt Ion:168 Resp: 200181

Ion Ratio Lower Upper

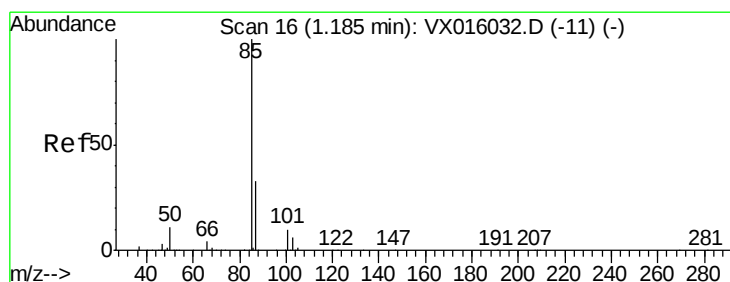
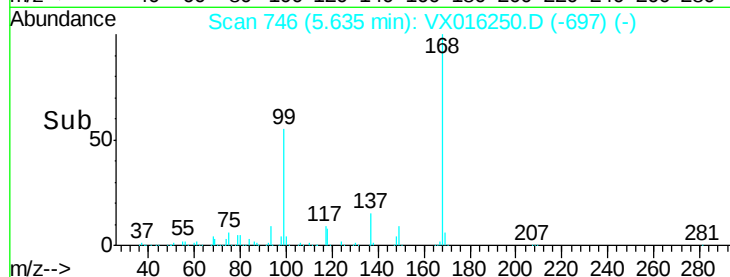
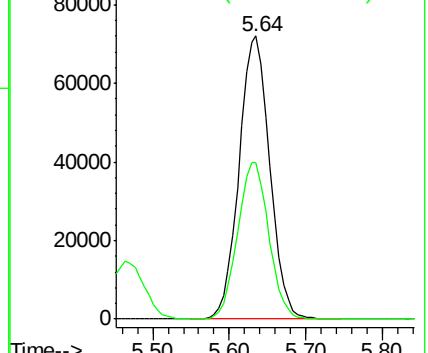
168 100

99 55.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.56 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016250.D

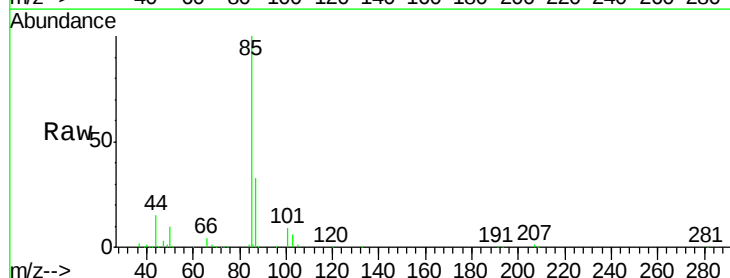
Acq: 14 May 2020 23:34

Tgt Ion: 85 Resp: 32962

Ion Ratio Lower Upper

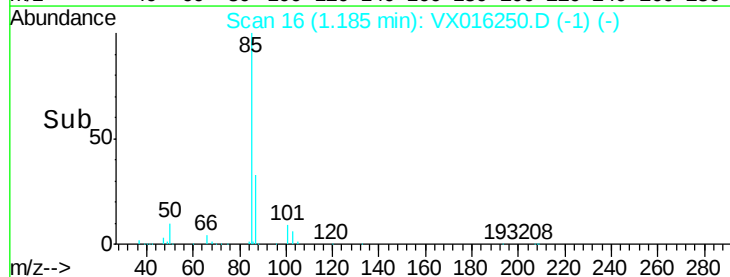
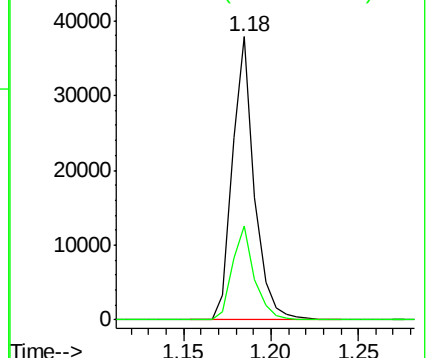
85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.55 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

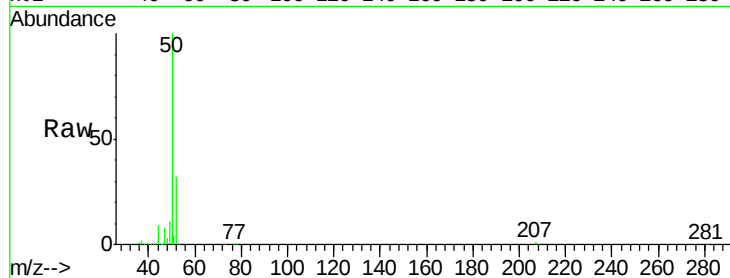
VX0514WBS02

Tgt Ion: 50 Resp: 48114

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

40000

30000

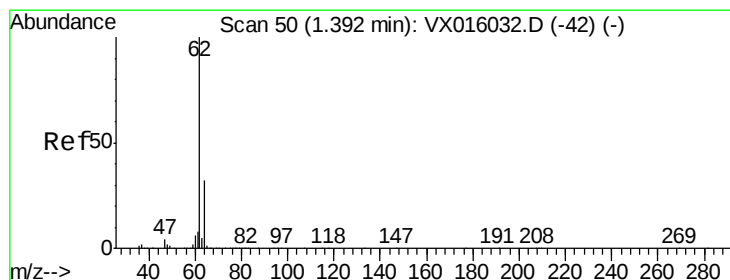
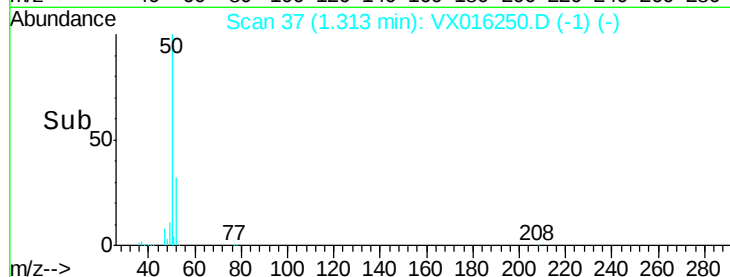
20000

10000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 17.63 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016250.D

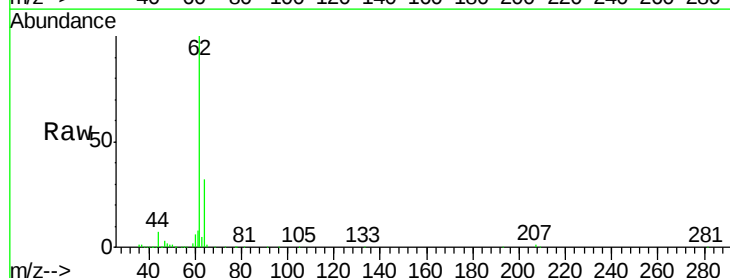
Acq: 14 May 2020 23:34

Tgt Ion: 62 Resp: 46291

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

50000

40000

30000

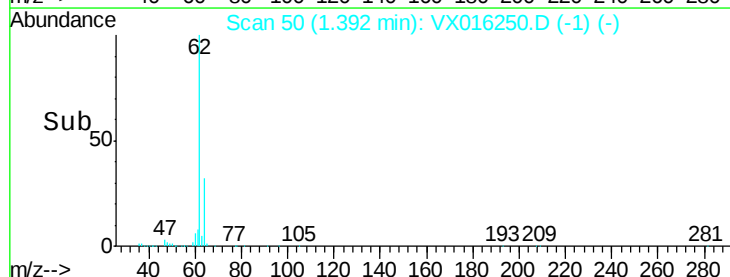
20000

10000

0

Time-->

1.30 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 24.26 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

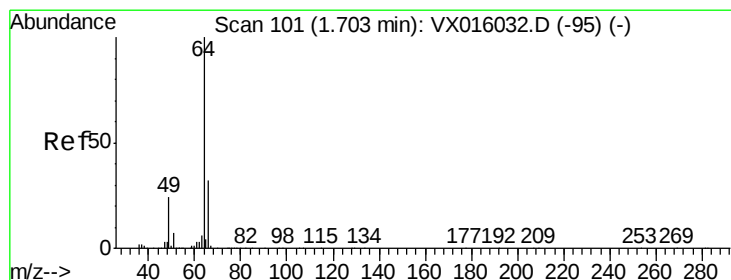
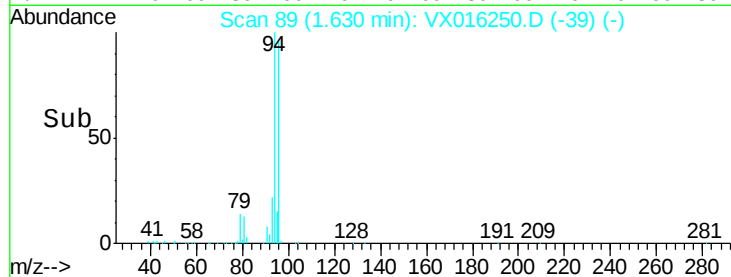
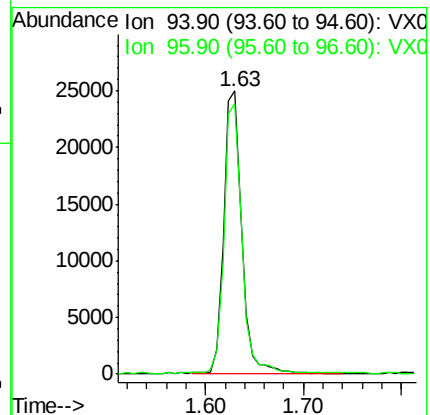
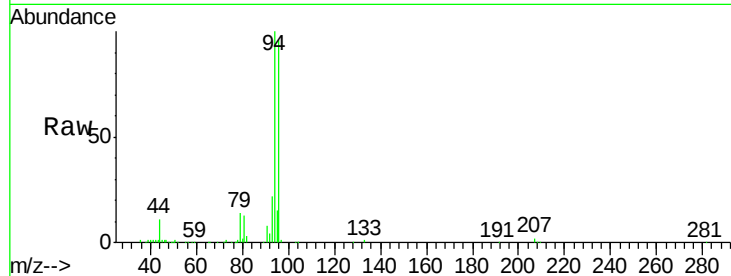
VX0514WBS02

Tgt Ion: 94 Resp: 32113

Ion Ratio Lower Upper

94 100

96 95.3 76.9 115.3



#6

Chloroethane

Concen: 18.59 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016250.D

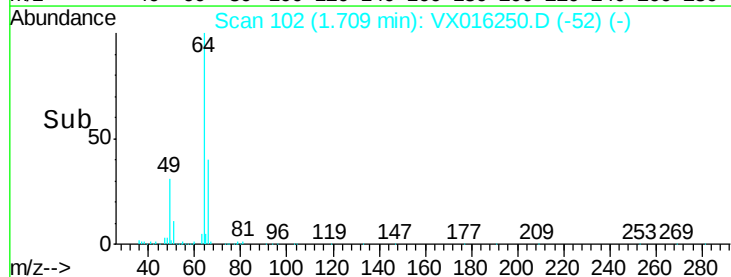
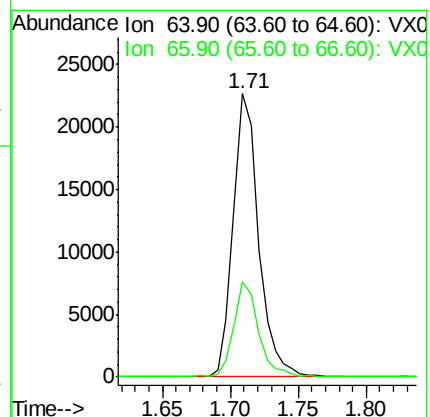
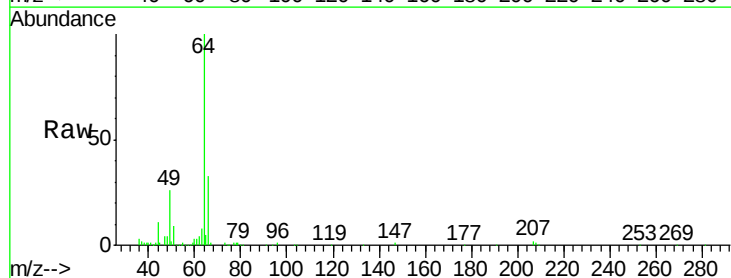
Acq: 14 May 2020 23:34

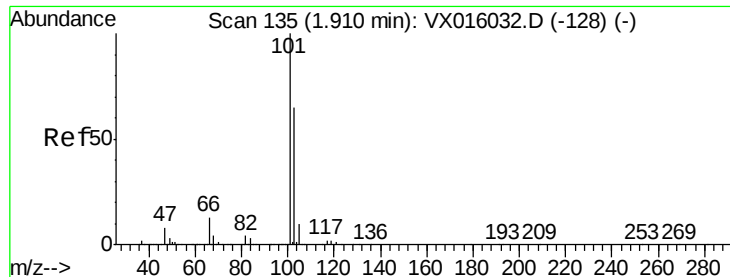
Tgt Ion: 64 Resp: 29703

Ion Ratio Lower Upper

64 100

66 33.4 25.2 37.8



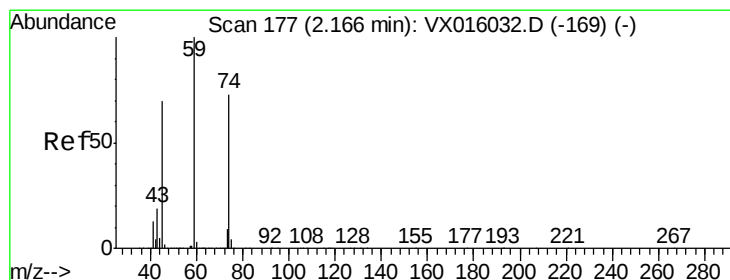
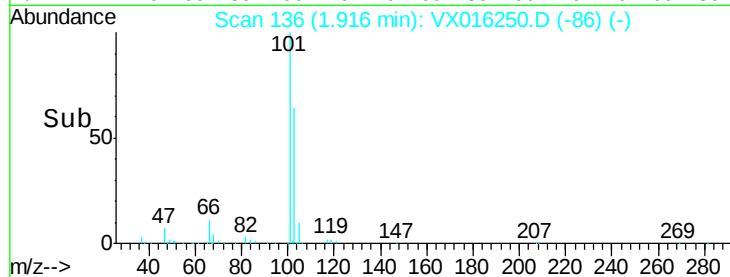
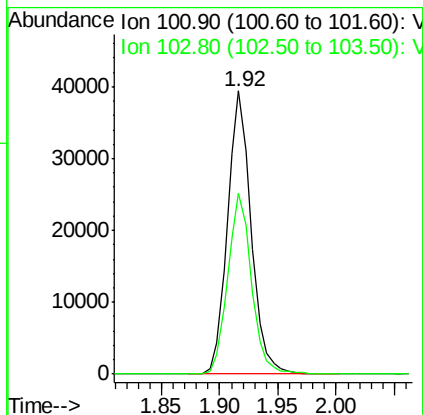
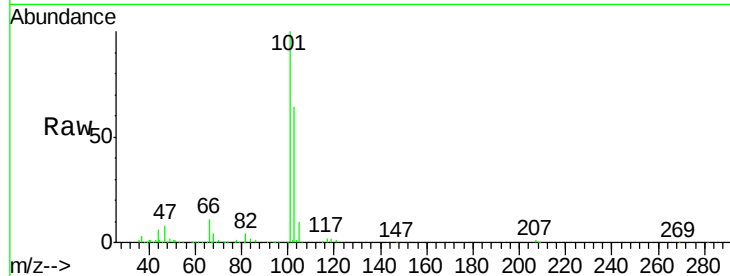


#7

Trichlorofluoromethane
 Concen: 16.10 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

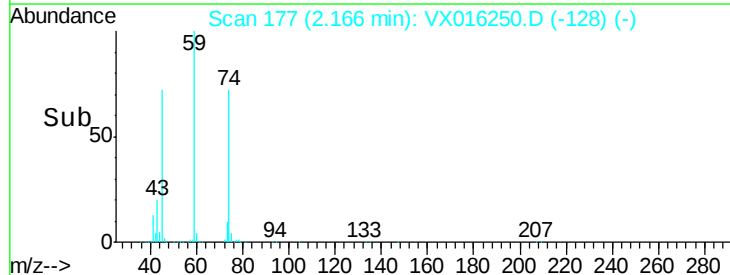
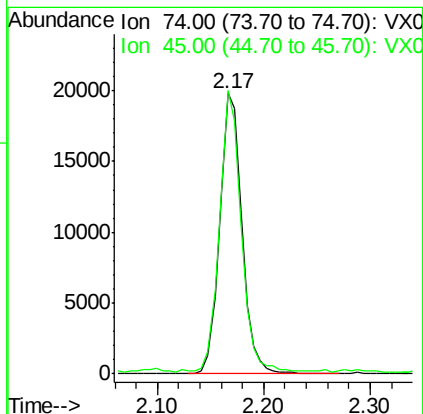
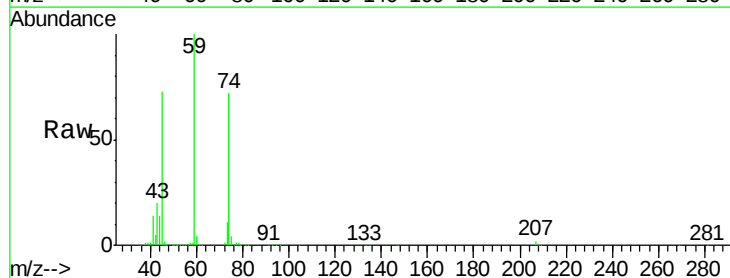
Tgt Ion: 101 Resp: 55494
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.8 77.6

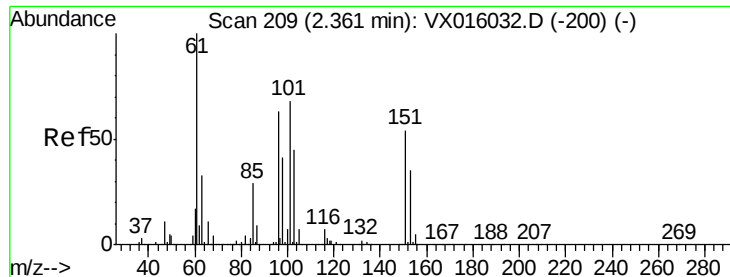


#8

Diethyl Ether
 Concen: 20.00 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Tgt Ion: 74 Resp: 29049
 Ion Ratio Lower Upper
 74 100
 45 95.5 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.93 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

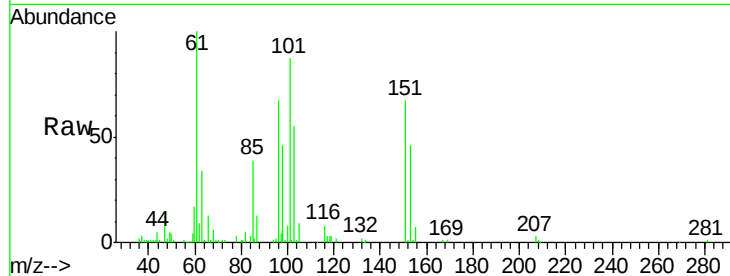
Instrument :

MSVOA_X

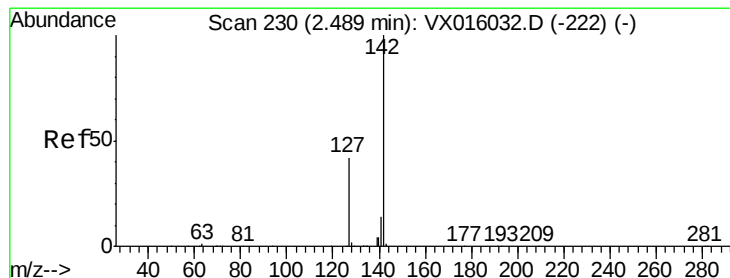
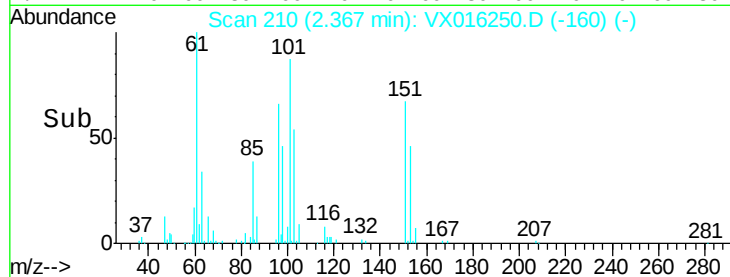
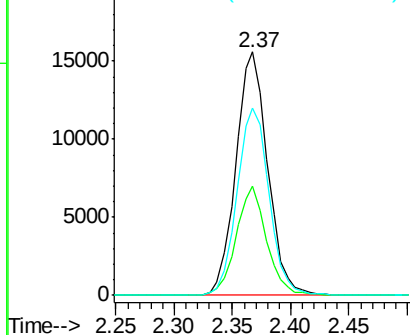
ClientSampleId :

VX0514WBS02

Tgt Ion:	101	Resp:	29687
Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.2	51.4
151	77.6	62.1	93.1



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



#10

Methyl Iodide

Concen: 13.86 ug/l

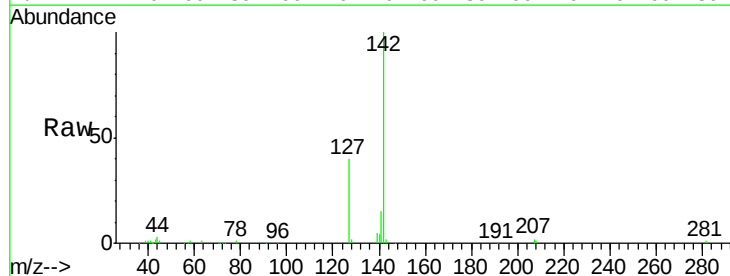
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

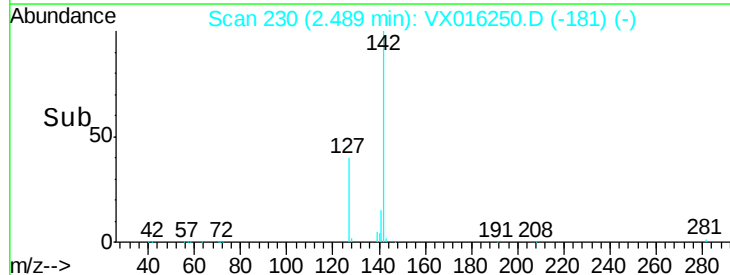
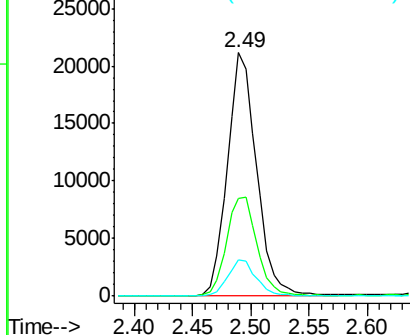
Lab File: VX016250.D

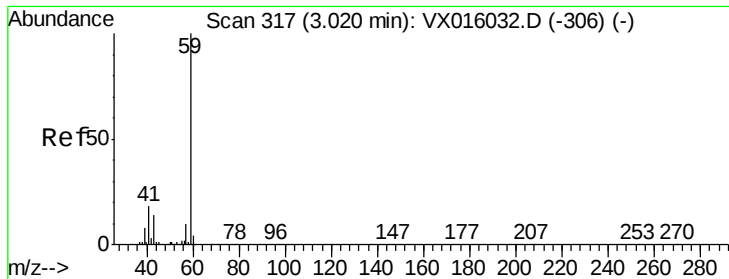
Acq: 14 May 2020 23:34

Tgt Ion:	142	Resp:	37016
Ion	Ratio	Lower	Upper
142	100		
127	42.6	34.6	52.0
141	14.4	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



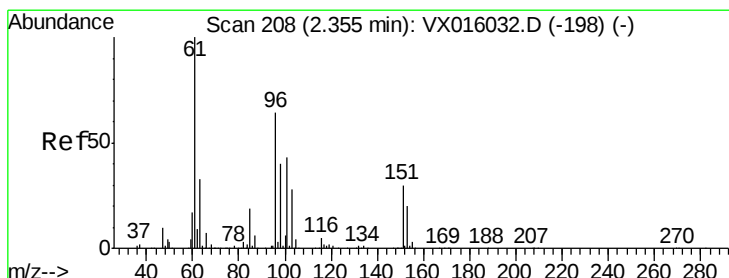
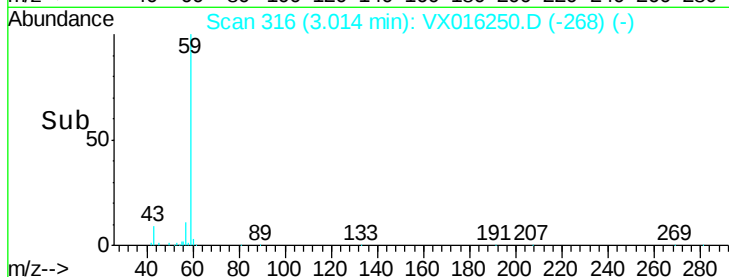
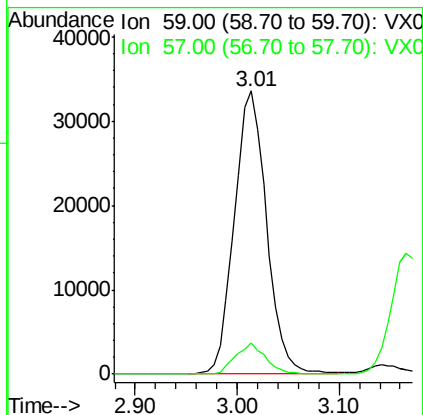
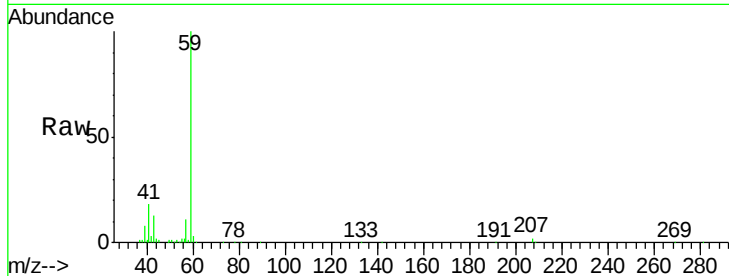


#11

Tert butyl alcohol
Concen: 110.65 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

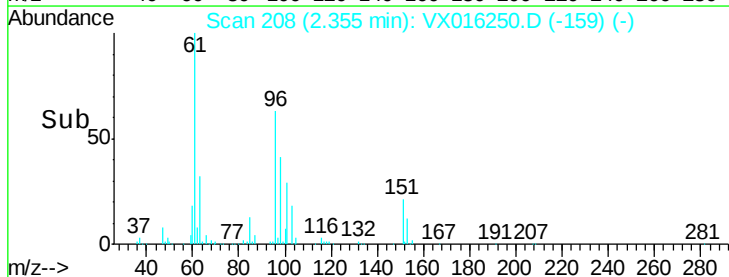
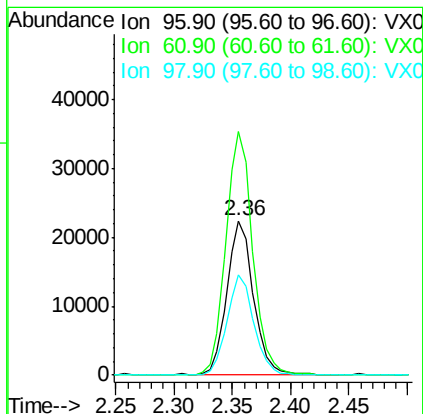
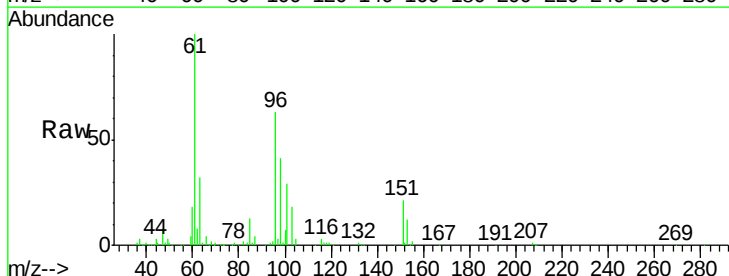
Tgt Ion: 59 Resp: 73708
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12

1,1-Dichloroethene
Concen: 16.81 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion: 96 Resp: 34989
Ion Ratio Lower Upper
96 100
61 158.0 124.8 187.2
98 65.1 49.7 74.5

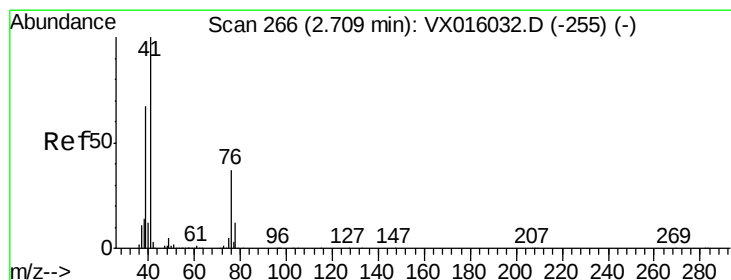
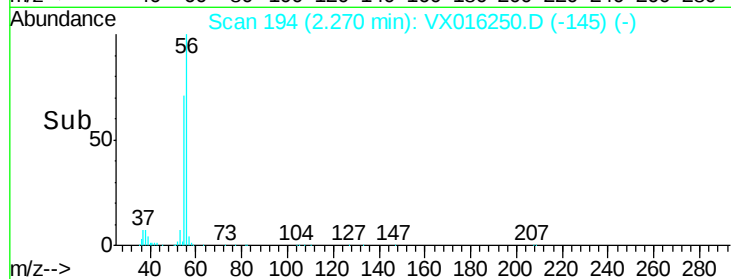
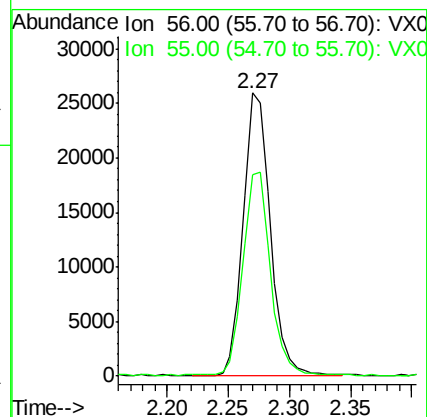
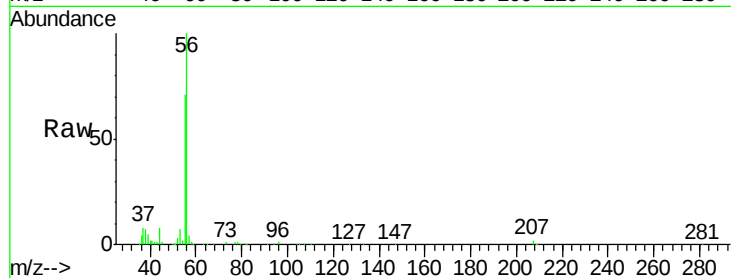




#13
 Acrolein
 Concen: 96.21 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

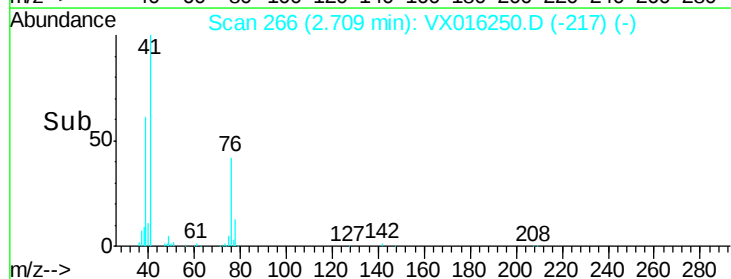
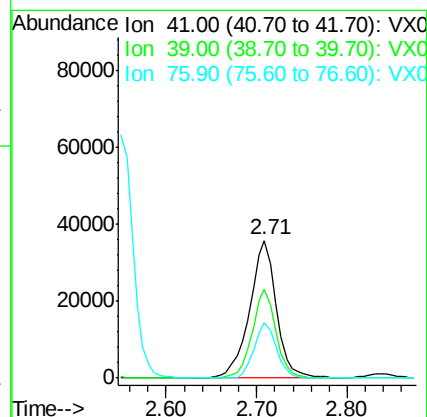
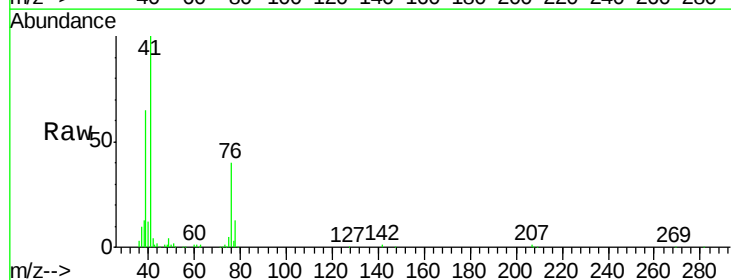
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

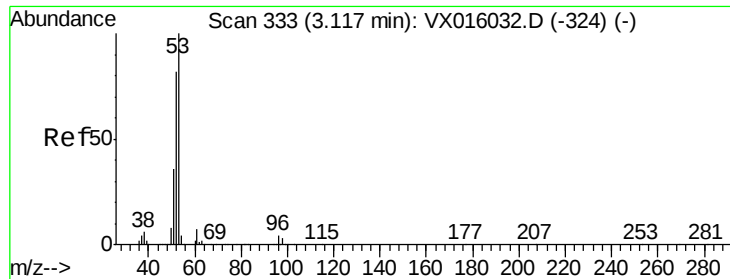
Tgt Ion: 56 Resp: 40105
 Ion Ratio Lower Upper
 56 100
 55 72.2 56.5 84.7



#14
 Allyl chloride
 Concen: 18.96 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Tgt Ion: 41 Resp: 72358
 Ion Ratio Lower Upper
 41 100
 39 57.9 50.5 75.7
 76 35.2 26.6 40.0





#15

Acrylonitrile

Concen: 114.92 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

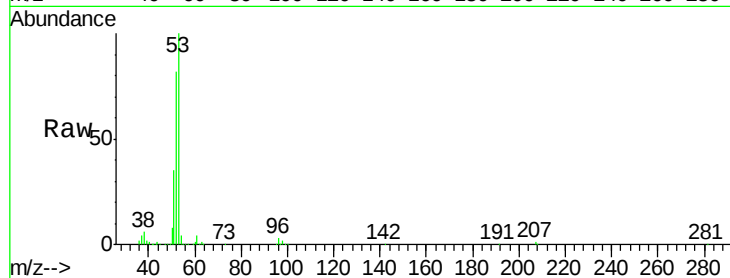
Tgt Ion: 53 Resp: 158805

Ion Ratio Lower Upper

53 100

52 82.3 66.1 99.1

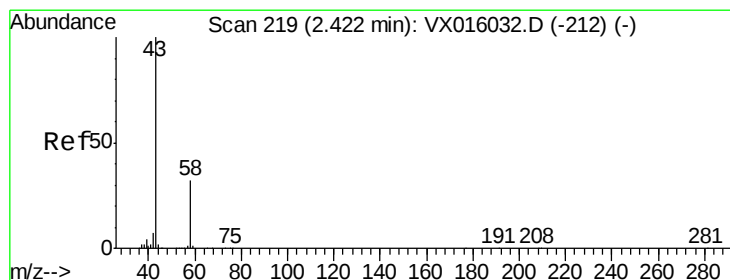
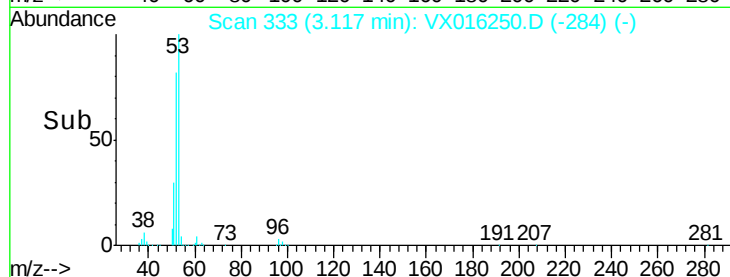
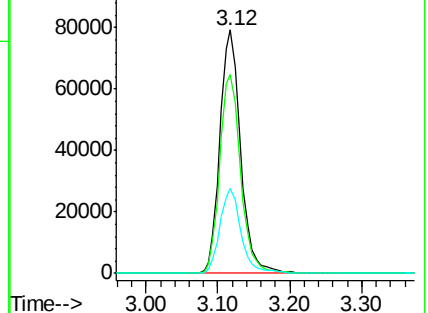
51 35.5 28.8 43.2



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: 109.76 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016250.D

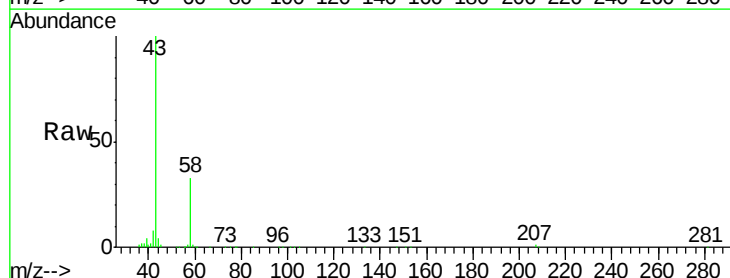
Acq: 14 May 2020 23:34

Tgt Ion: 43 Resp: 129006

Ion Ratio Lower Upper

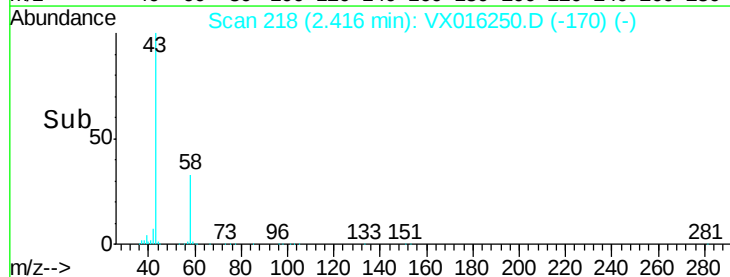
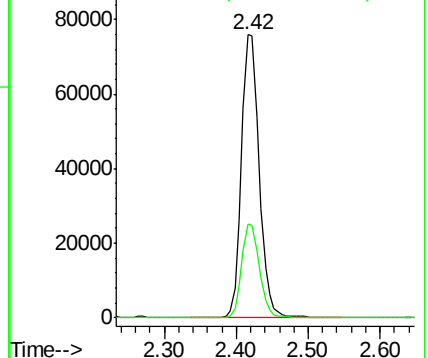
43 100

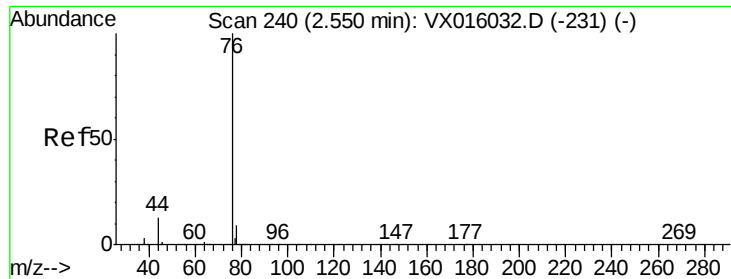
58 33.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.49 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

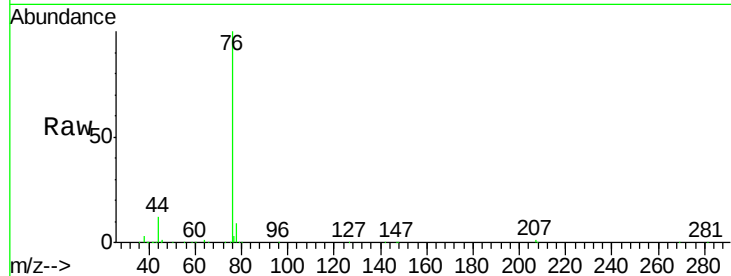
VX0514WBS02

Tgt Ion: 76 Resp: 103893

Ion Ratio Lower Upper

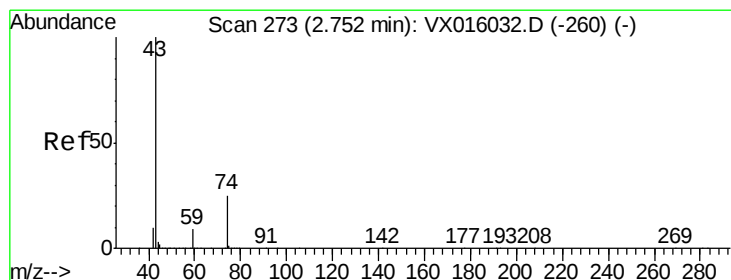
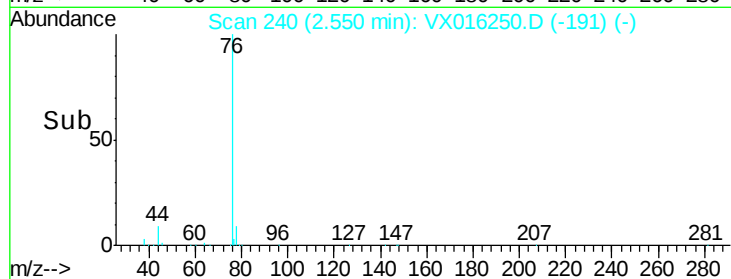
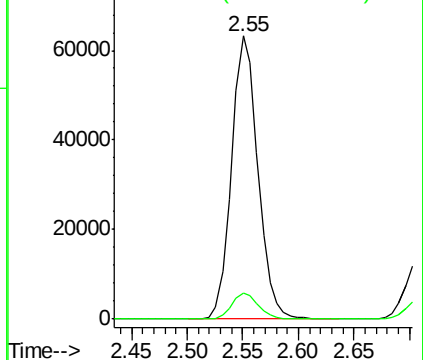
76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.85 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016250.D

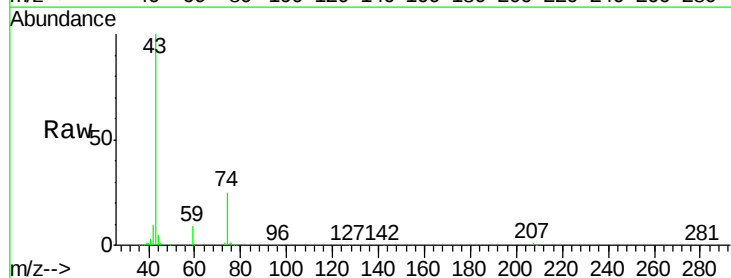
Acq: 14 May 2020 23:34

Tgt Ion: 43 Resp: 68917

Ion Ratio Lower Upper

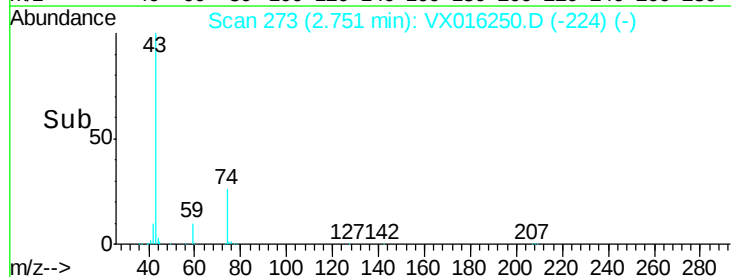
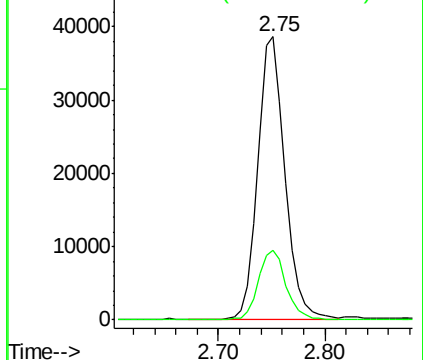
43 100

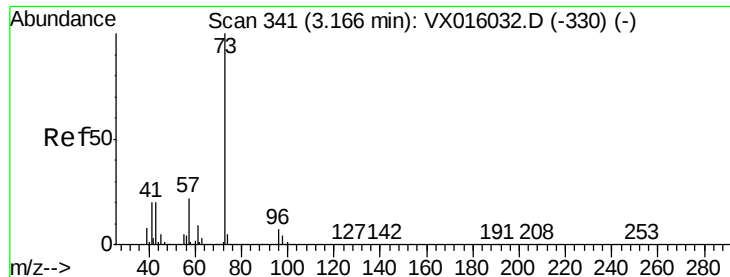
74 25.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 22.06 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

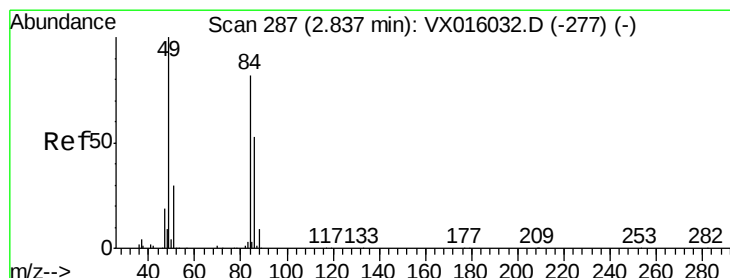
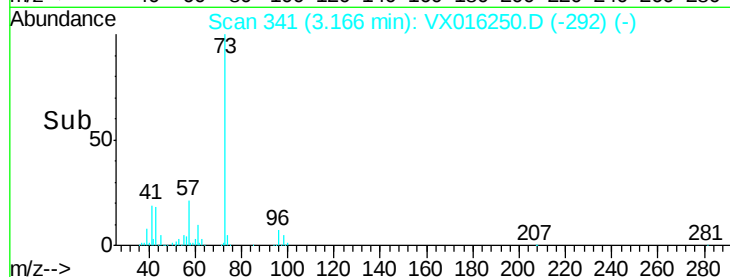
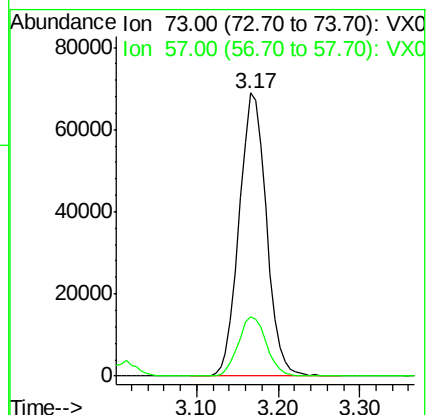
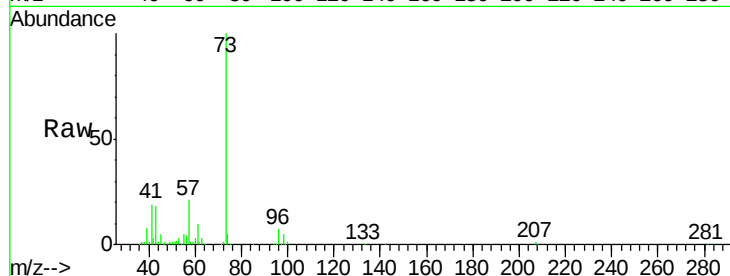
VX0514WBS02

Tgt Ion: 73 Resp: 158225

Ion Ratio Lower Upper

73 100

57 20.9 17.8 26.6



#20

Methylene Chloride

Concen: 20.36 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Tgt Ion: 84 Resp: 49332

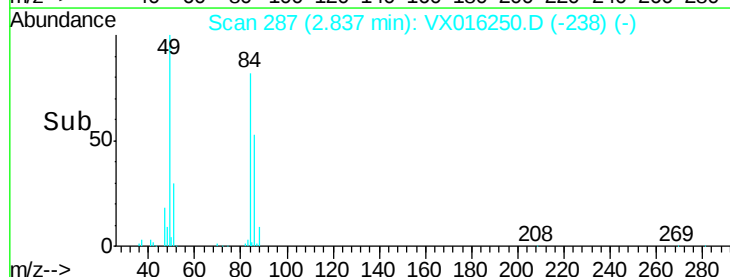
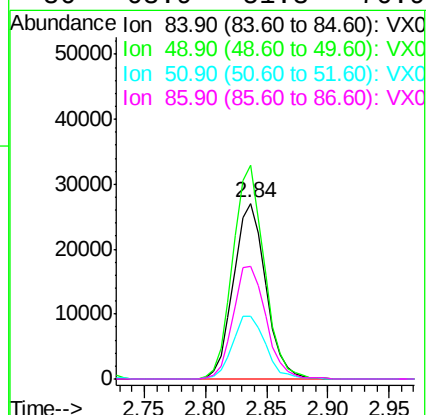
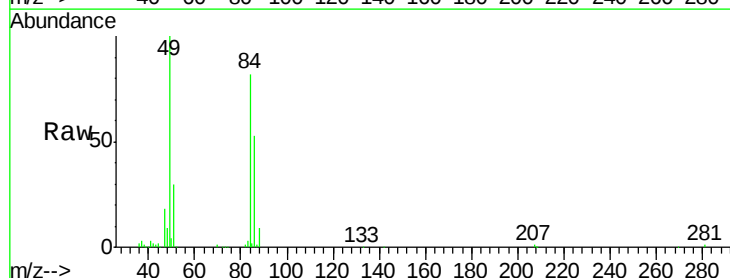
Ion Ratio Lower Upper

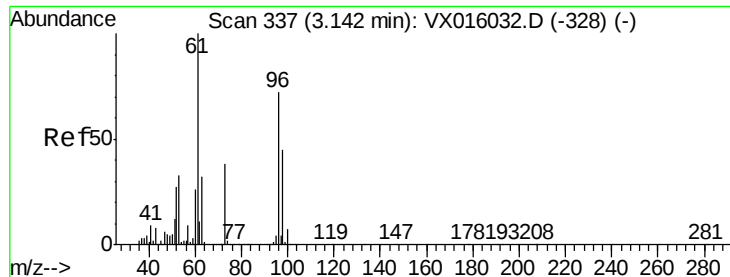
84 100

49 121.4 97.3 145.9

51 35.9 29.3 43.9

86 63.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.68 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

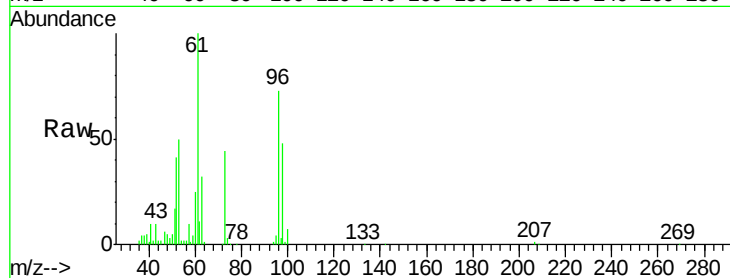
Tgt Ion: 96 Resp: 43307

Ion Ratio Lower Upper

96 100

61 137.5 111.2 166.8

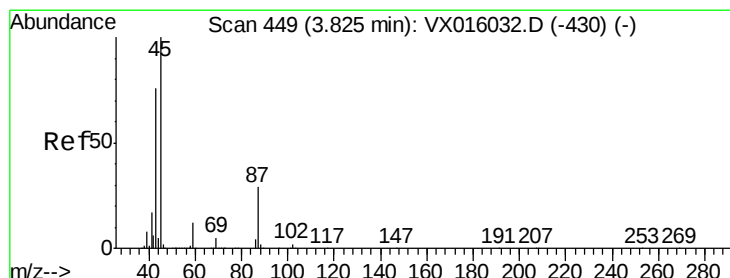
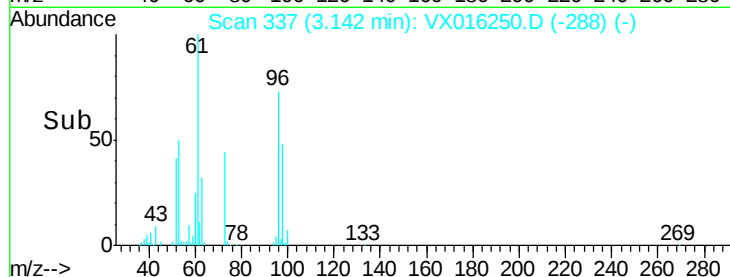
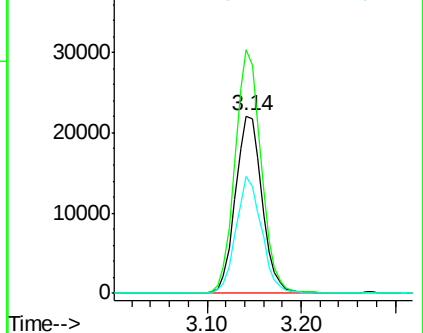
98 66.2 50.2 75.4



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: 21.21 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Tgt Ion: 45 Resp: 152649

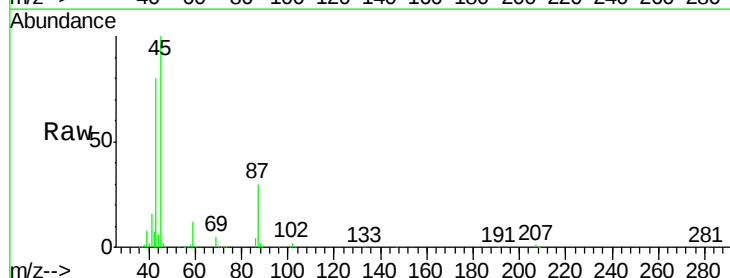
Ion Ratio Lower Upper

45 100

43 79.7 61.1 91.7

87 29.5 23.0 34.6

59 12.0 9.8 14.6

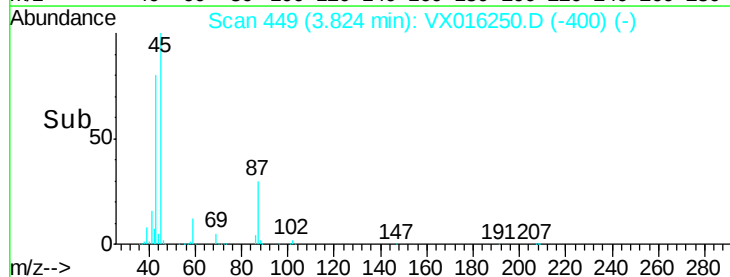
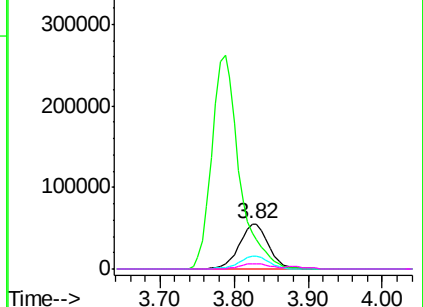


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 105.82 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

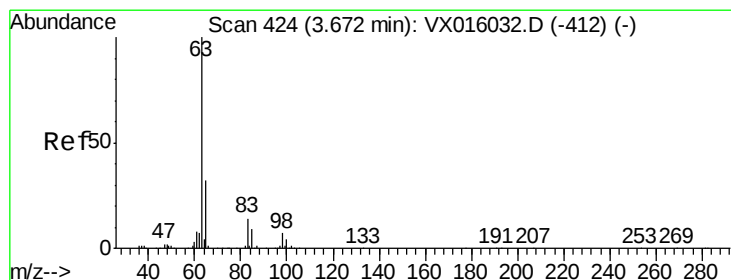
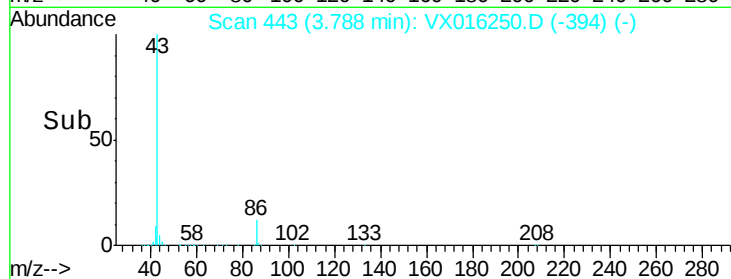
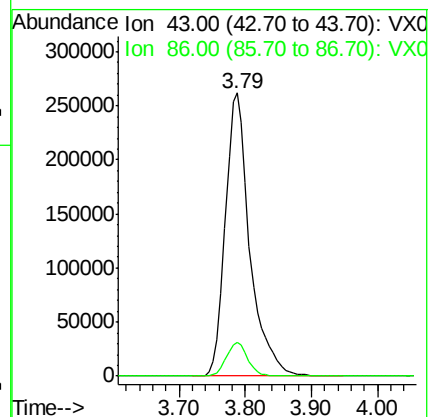
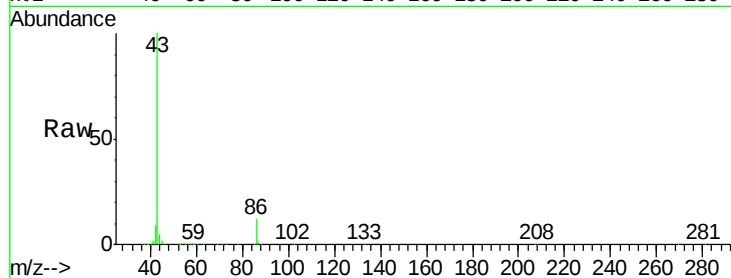
VX0514WBS02

Tgt Ion: 43 Resp: 670105

Ion Ratio Lower Upper

43 100

86 11.9 9.0 13.4



#24

1,1-Dichloroethane

Concen: 20.60 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

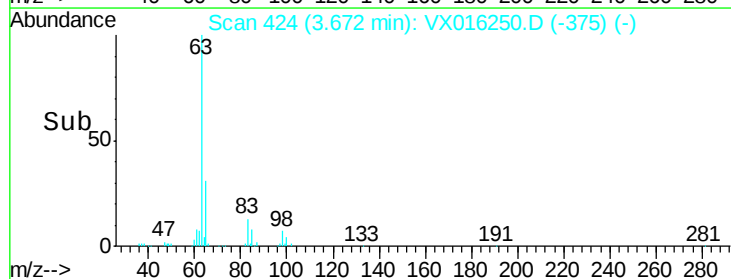
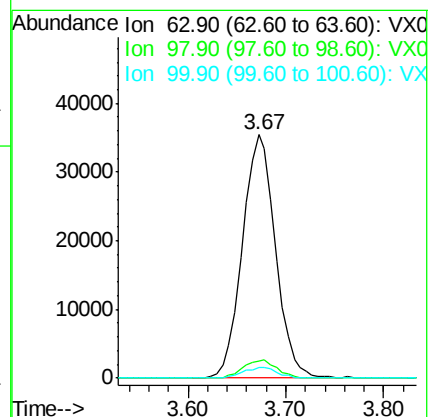
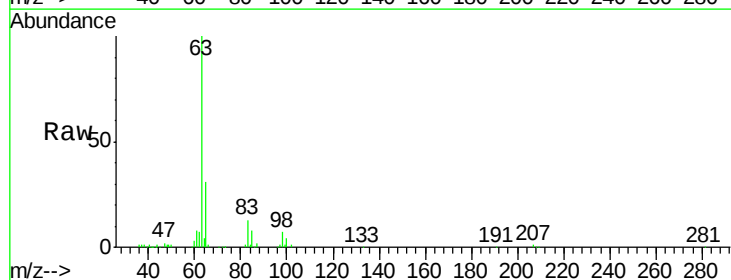
Tgt Ion: 63 Resp: 82938

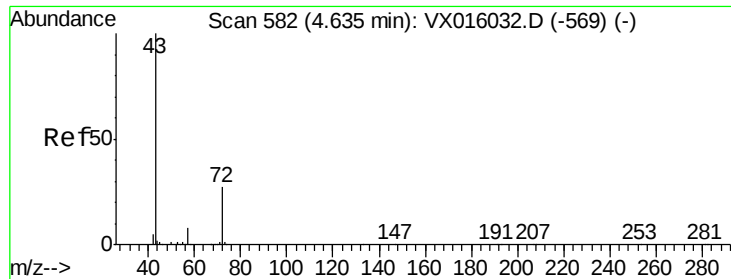
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 114.58 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

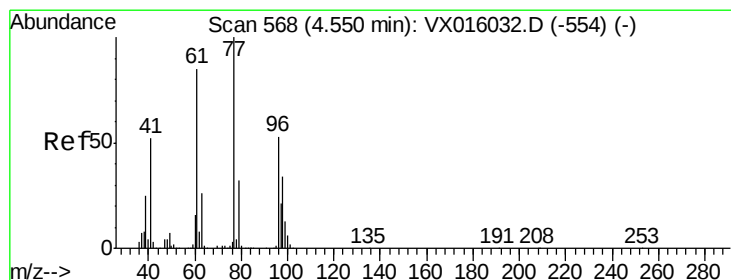
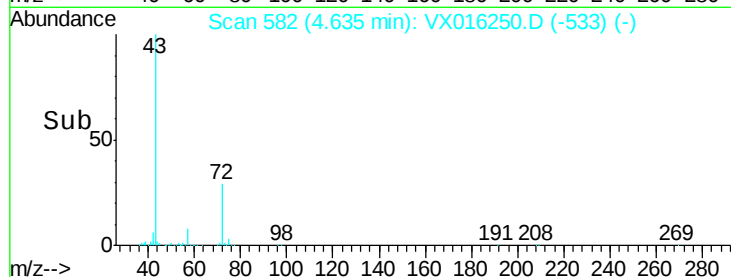
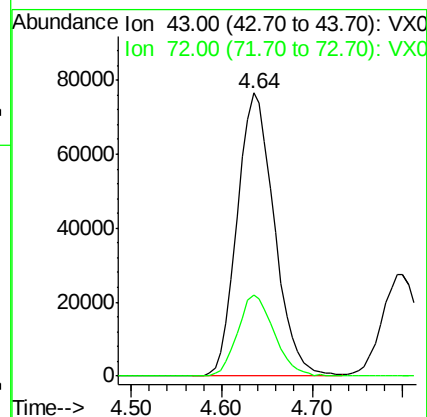
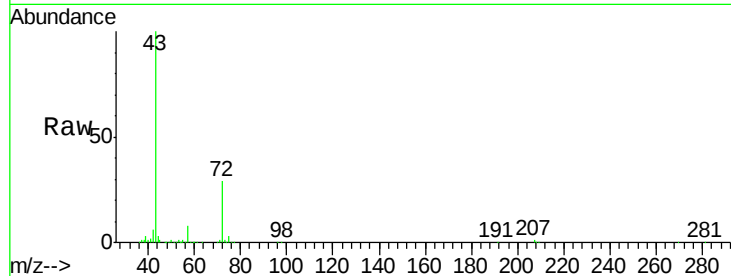
VX0514WBS02

Tgt Ion: 43 Resp: 217002

Ion Ratio Lower Upper

43 100

72 28.6 21.8 32.8



#26

2,2-Dichloropropane

Concen: 15.57 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016250.D

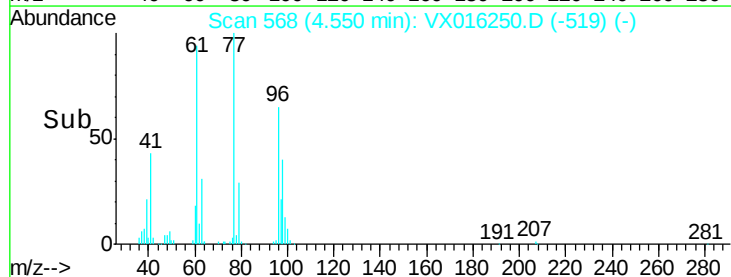
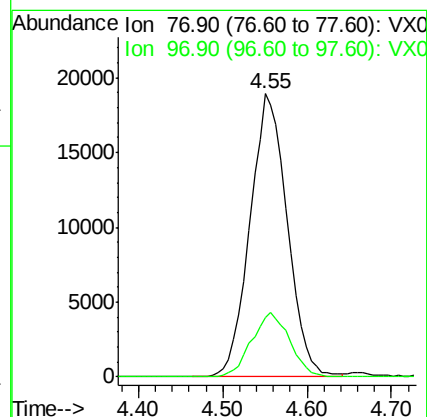
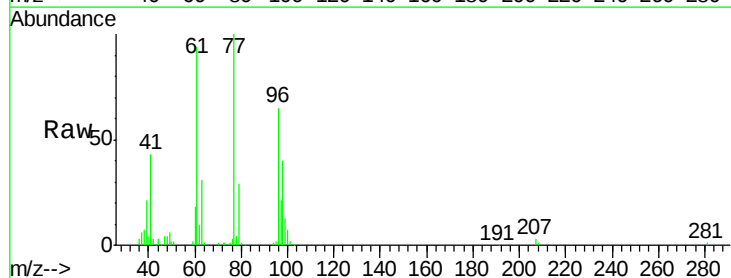
Acq: 14 May 2020 23:34

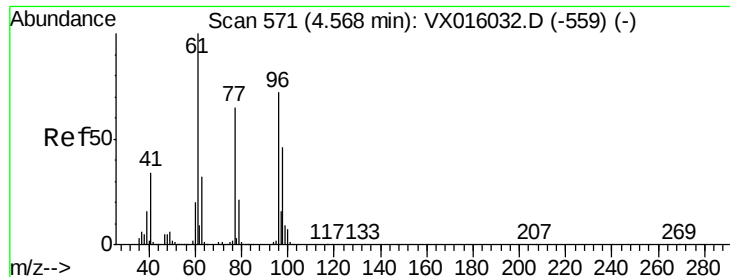
Tgt Ion: 77 Resp: 57261

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6



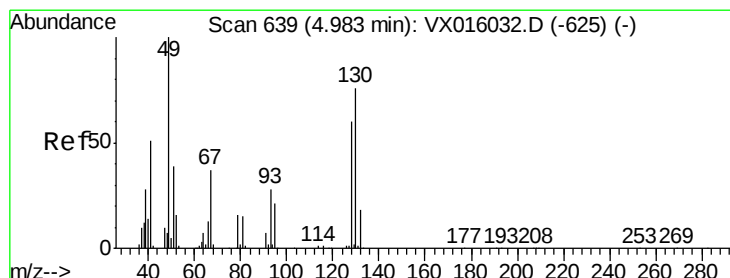
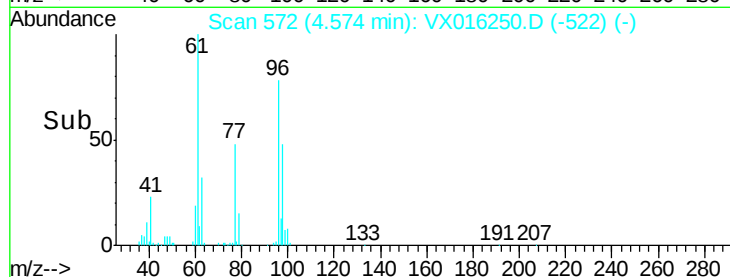
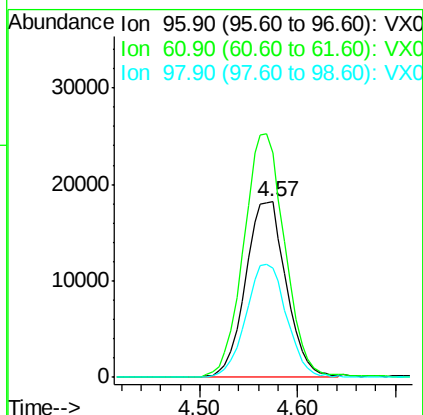
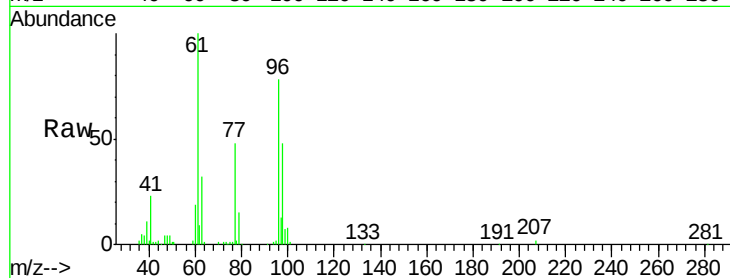


#27

cis-1,2-Dichloroethene
Concen: 20.80 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

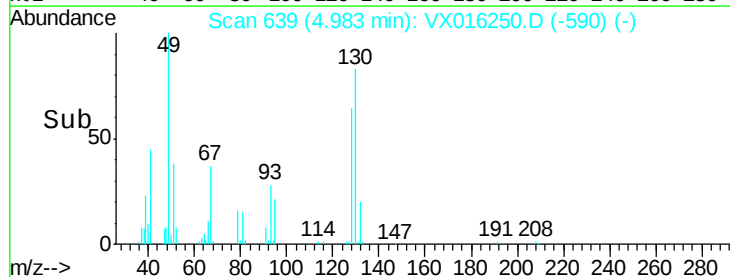
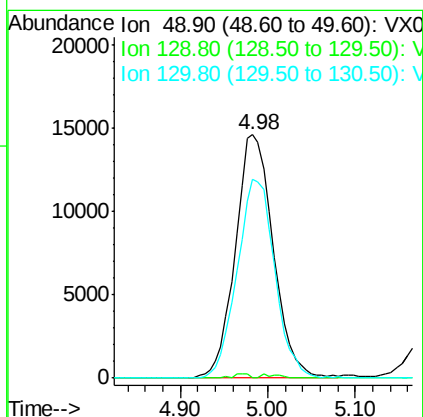
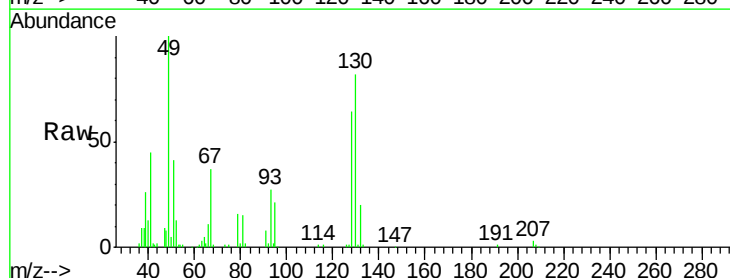
Tgt Ion: 96 Resp: 52735
Ion Ratio Lower Upper
96 100
61 140.9 0.0 296.2
98 64.4 0.0 129.4

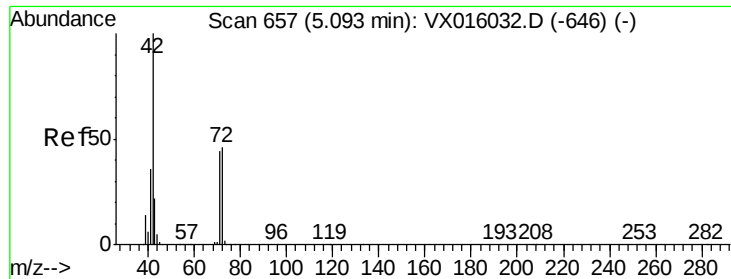


#28

Bromochloromethane
Concen: 24.01 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion: 49 Resp: 44090
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.0
130 81.1 62.4 93.6

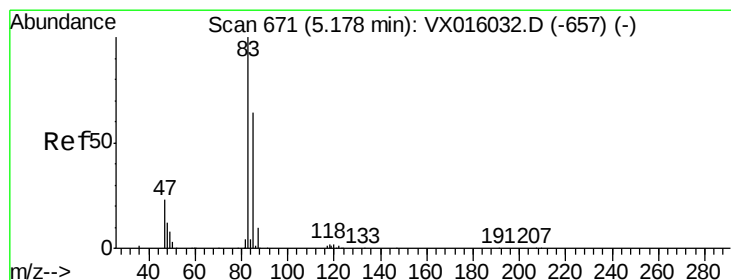
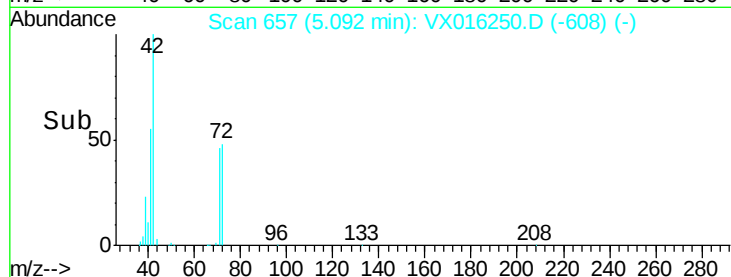
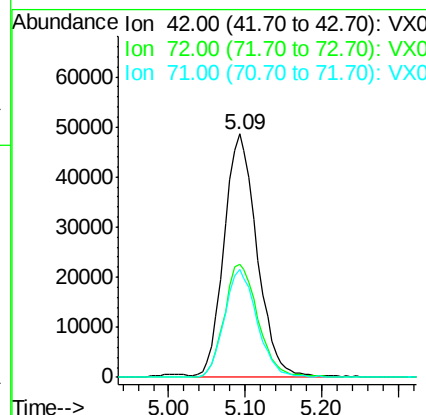
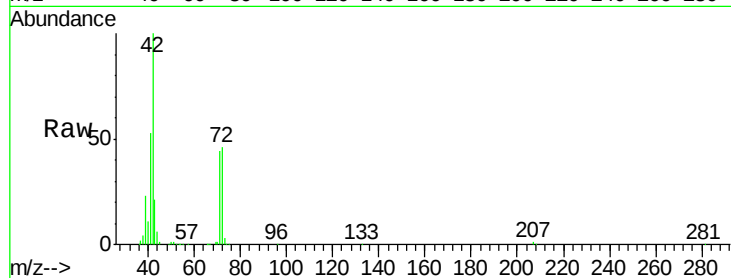




#29
Tetrahydrofuran
Concen: 114.07 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

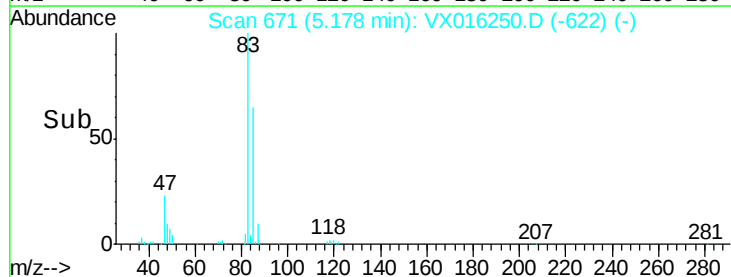
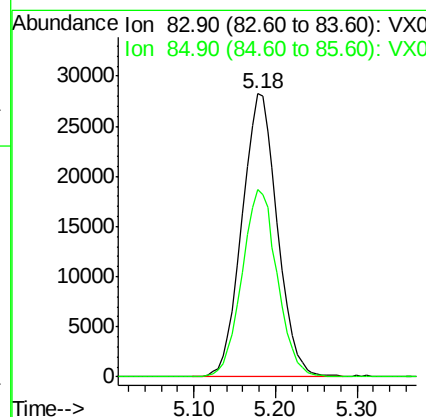
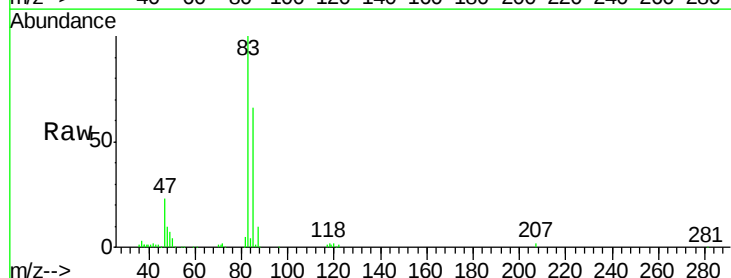
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

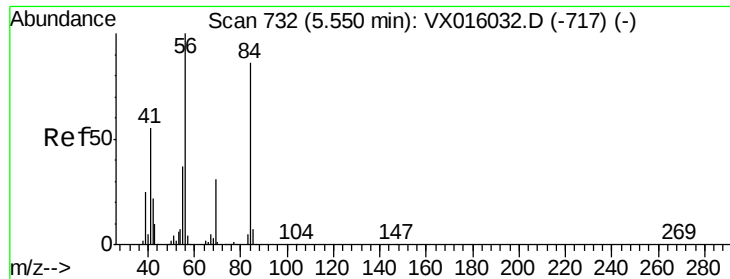
Tgt Ion: 42 Resp: 143147
Ion Ratio Lower Upper
42 100
72 48.5 37.1 55.7
71 44.3 34.5 51.7



#30
Chloroform
Concen: 21.14 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion: 83 Resp: 84758
Ion Ratio Lower Upper
83 100
85 66.1 51.6 77.4

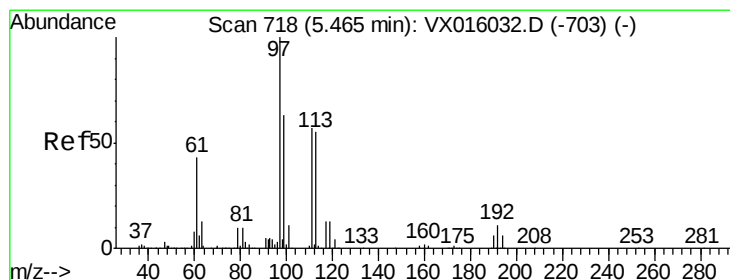
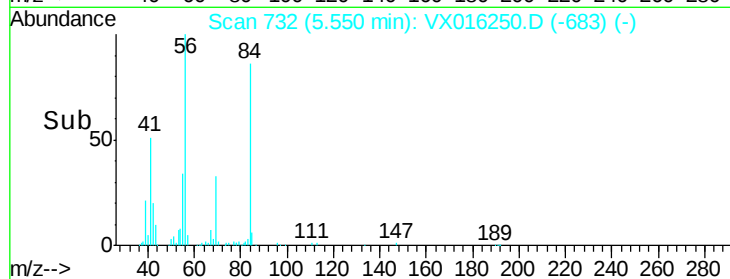
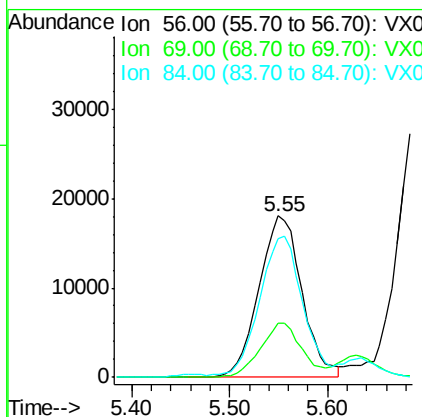
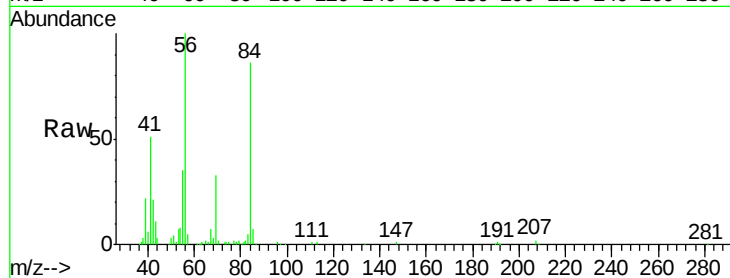




#31
Cyclohexane
Concen: 15.09 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

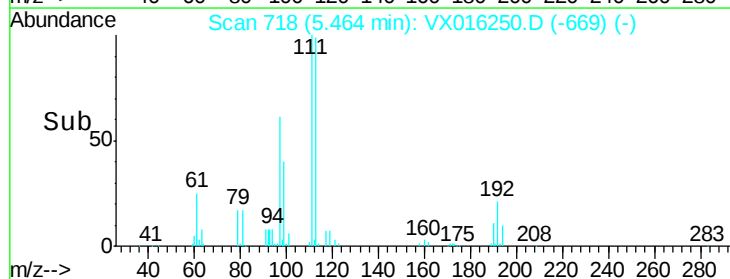
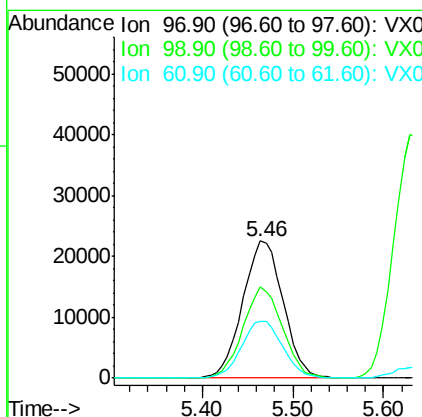
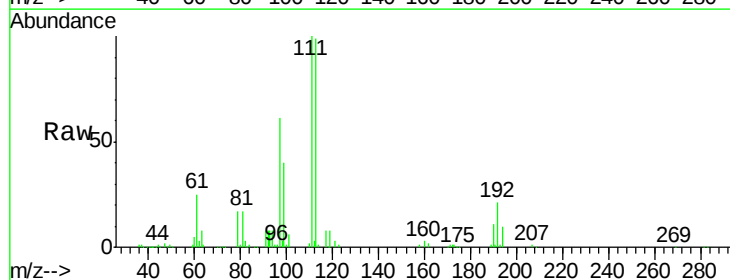
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tgt Ion: 56 Resp: 55236
Ion Ratio Lower Upper
56 100
69 33.4 25.0 37.6
84 84.3 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 19.14 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion: 97 Resp: 69737
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 42.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 53.61 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

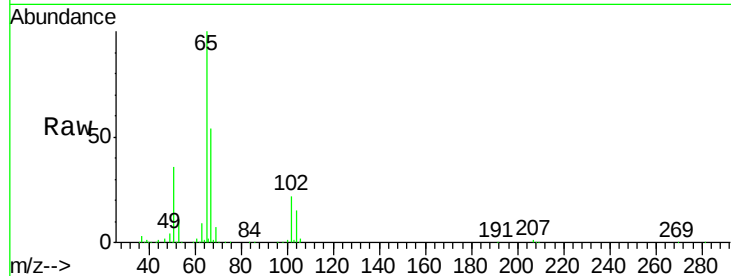
VX0514WBS02

Tgt Ion: 65 Resp: 141210

Ion Ratio Lower Upper

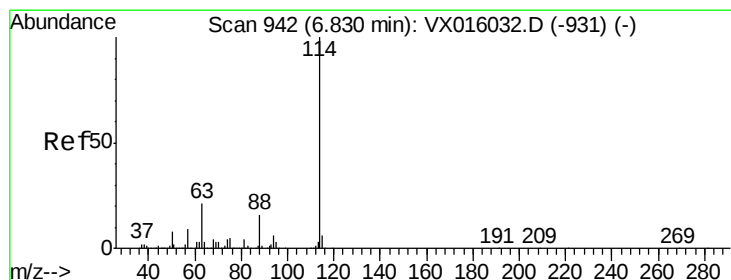
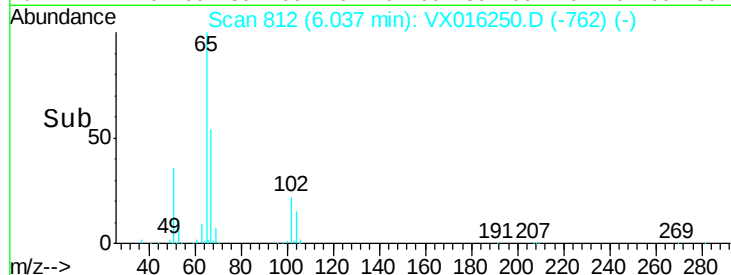
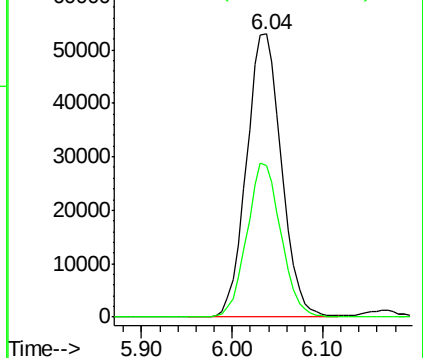
65 100

67 53.1 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

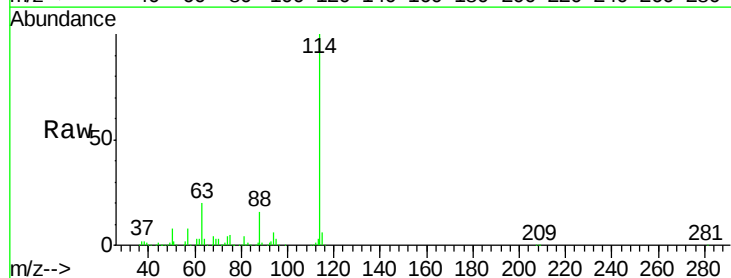
Tgt Ion: 114 Resp: 355543

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

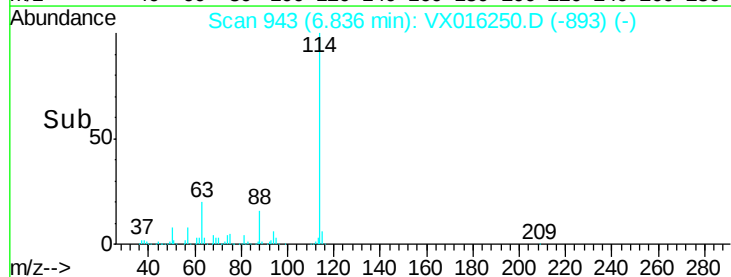
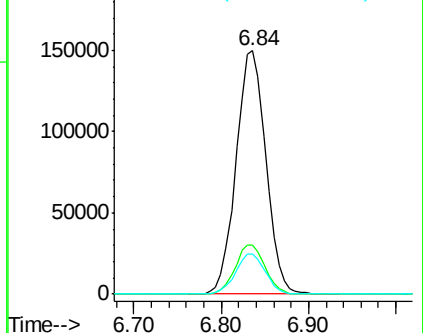
88 16.2 0.0 31.4

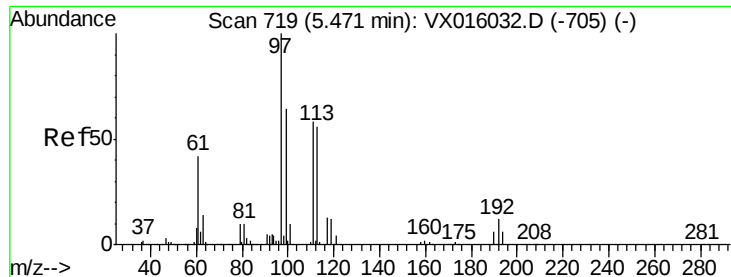


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

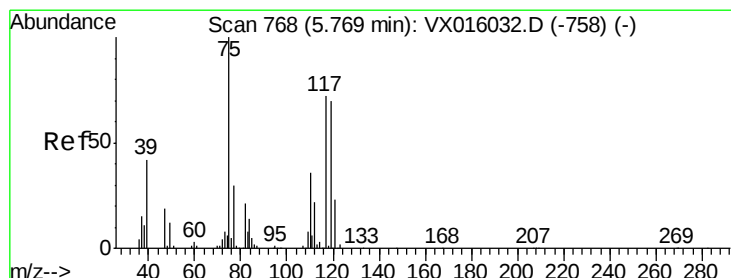
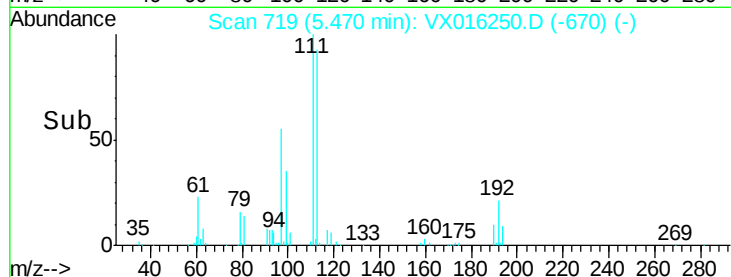
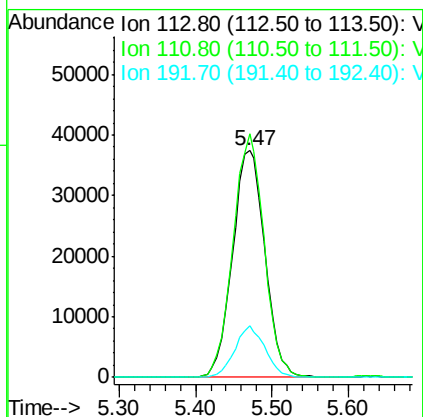
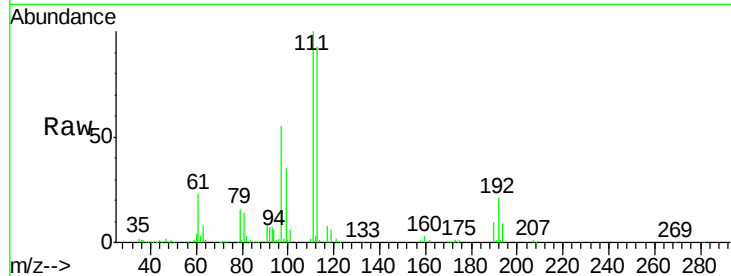




#35
 Dibromofluoromethane
 Concen: 48.67 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

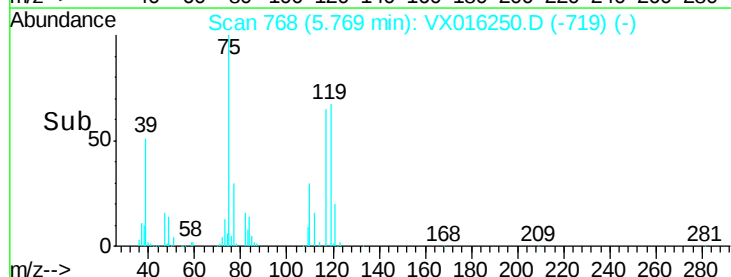
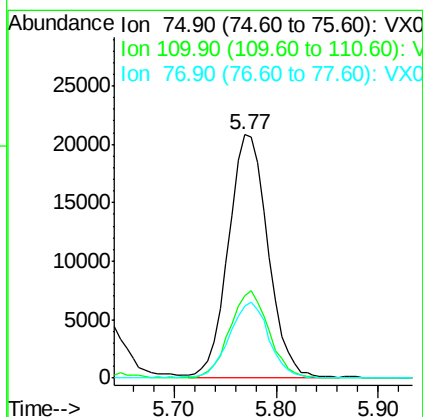
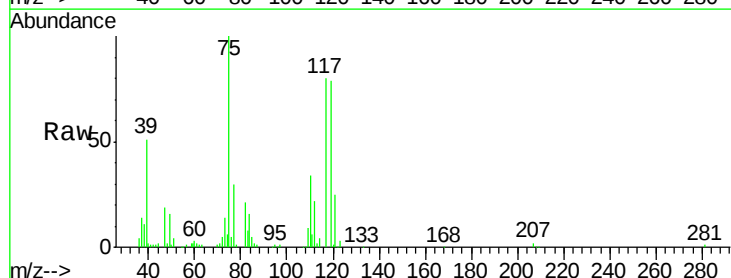
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

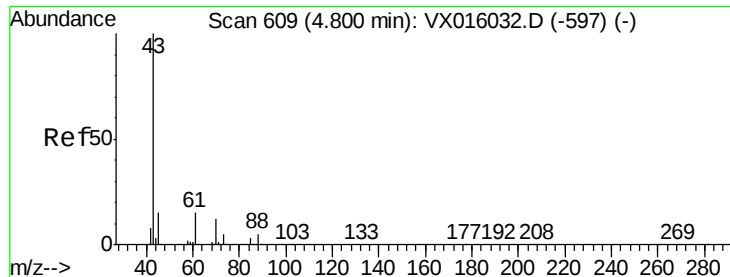
Tgt Ion: 113 Resp: 109621
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.6 122.4
 192 21.4 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 15.85 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Tgt Ion: 75 Resp: 55466
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.1 54.1
 77 31.6 25.0 37.6

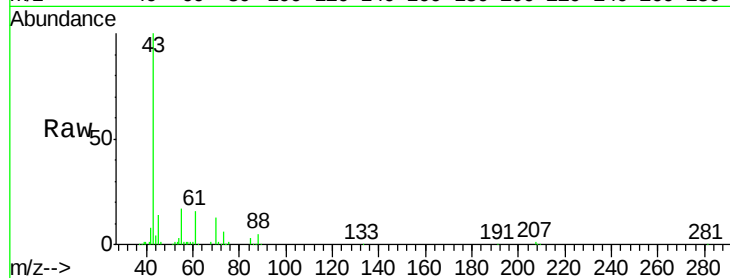




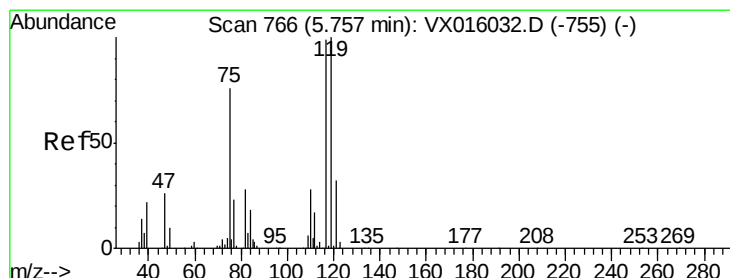
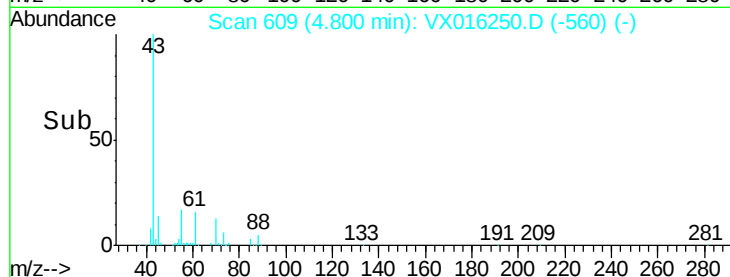
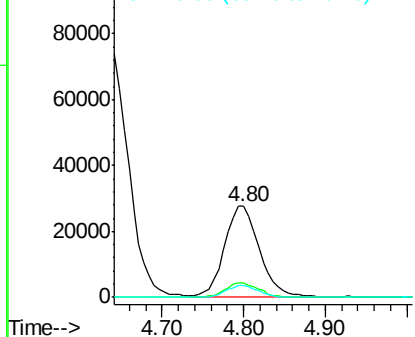
#37
 Ethyl Acetate
 Concen: 20.03 ug/l
 RT: 4.80 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

Tgt Ion: 43 Resp: 81261
 Ion Ratio Lower Upper
 43 100
 61 14.9 11.7 17.5
 70 12.7 9.3 13.9

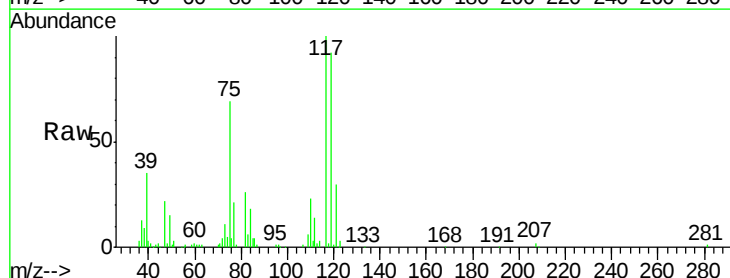


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

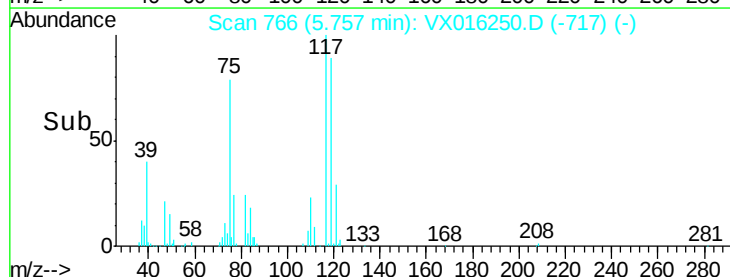
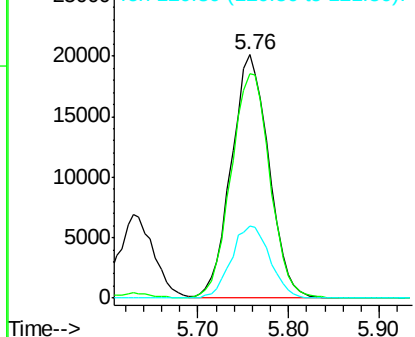


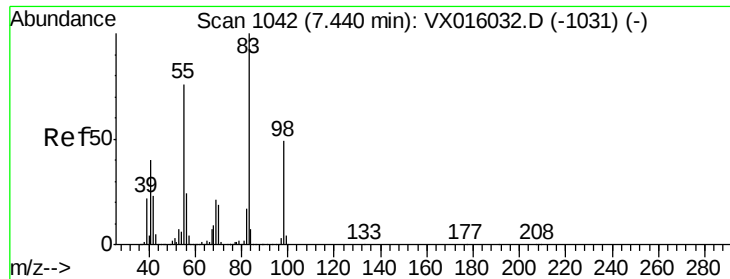
#38
 Carbon Tetrachloride
 Concen: 16.25 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Tgt Ion: 117 Resp: 57793
 Ion Ratio Lower Upper
 117 100
 119 91.7 80.3 120.5
 121 29.6 25.7 38.5



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

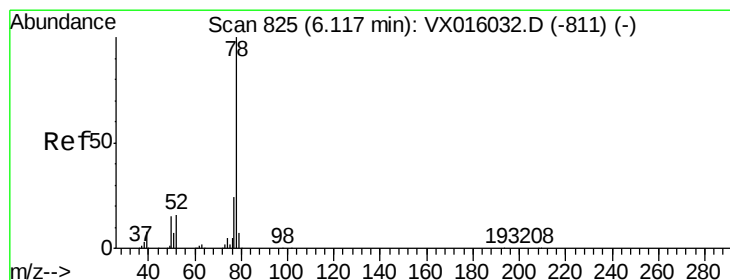
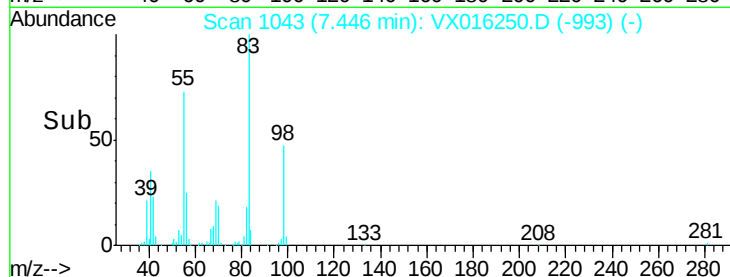
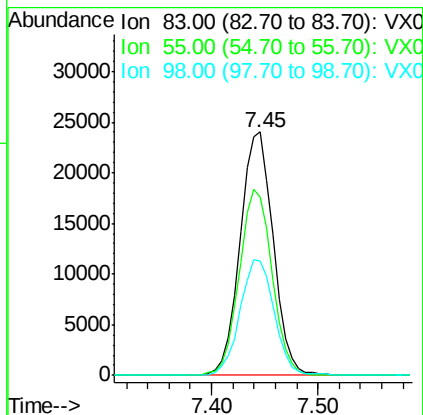
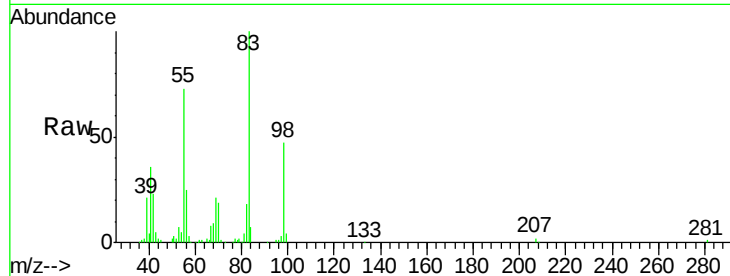




#39
Methylcyclohexane
Concen: 12.45 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

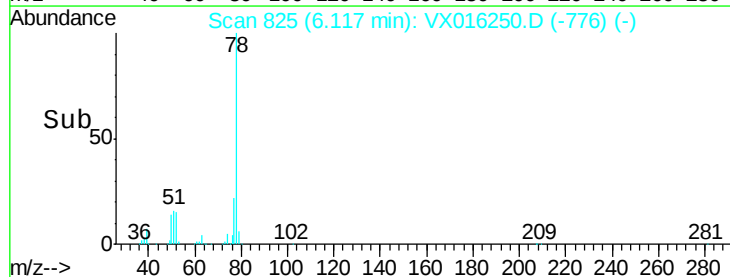
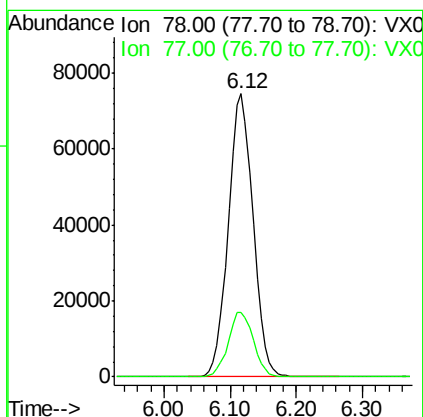
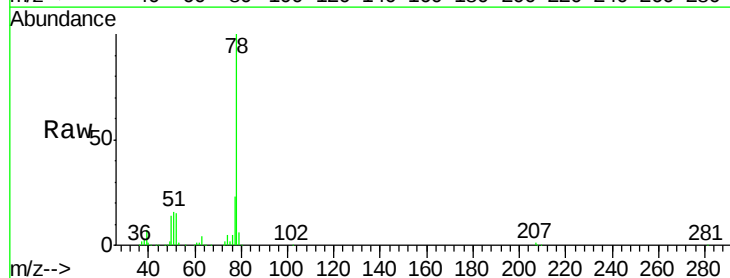
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

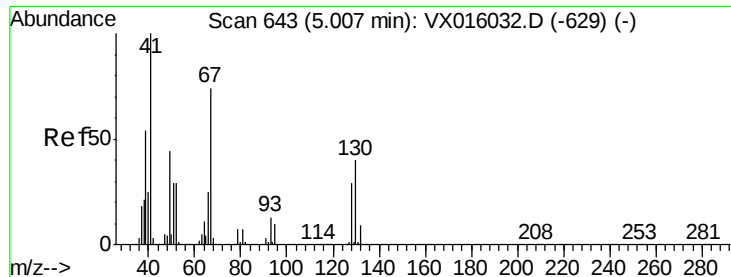
Tgt Ion: 83 Resp: 52462
Ion Ratio Lower Upper
83 100
55 73.3 61.1 91.7
98 47.2 39.0 58.4



#40
Benzene
Concen: 18.91 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion: 78 Resp: 193636
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

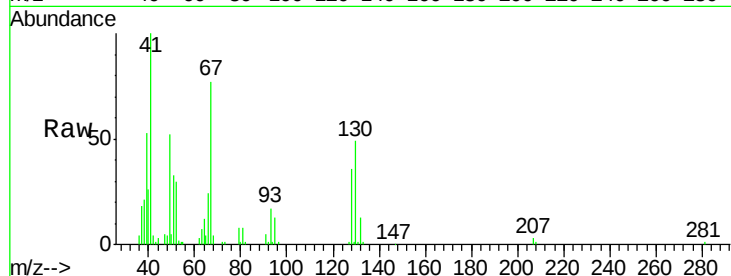




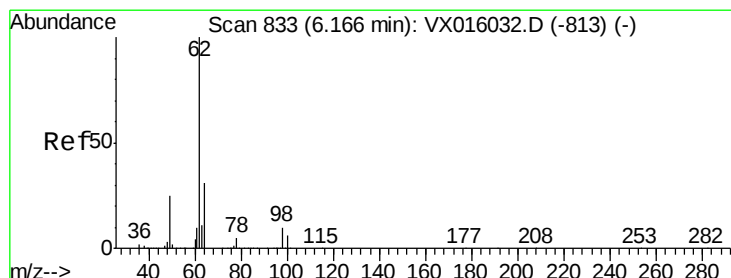
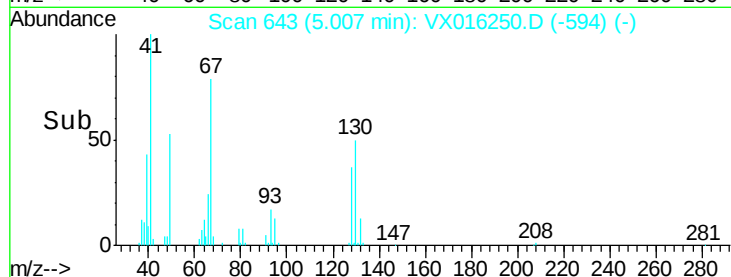
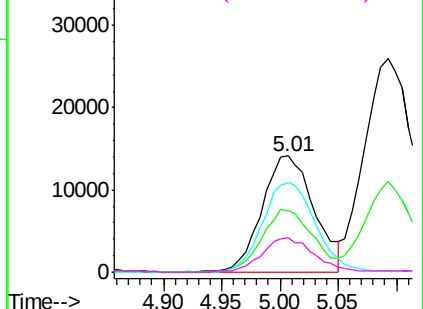
#41
Methacrylonitrile
Concen: 20.03 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

Tgt Ion:	41	Resp:	43871
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.2	64.8
67	78.6	59.3	88.9
52	29.8	23.5	35.3

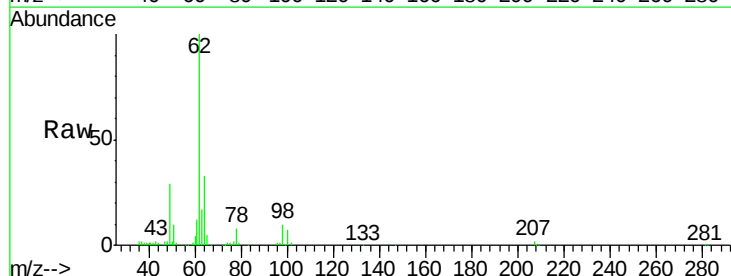


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

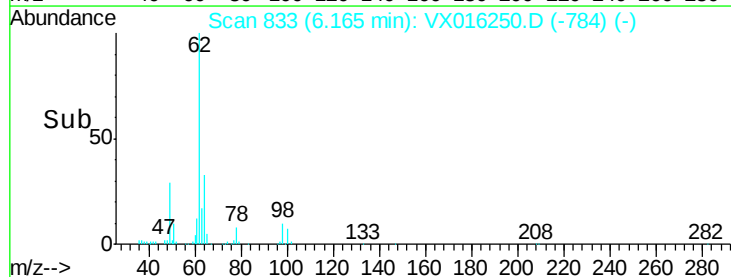
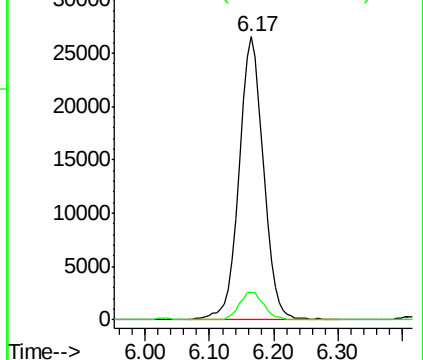


#42
1,2-Dichloroethane
Concen: 18.87 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion:	62	Resp:	69626
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4



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

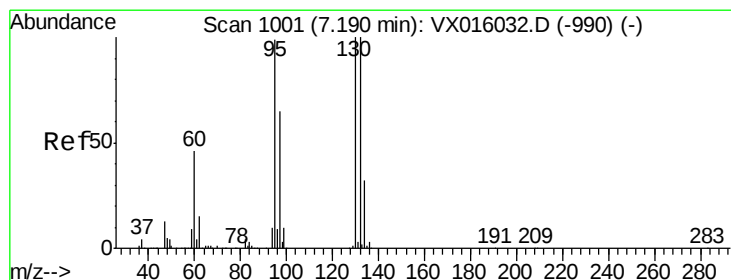
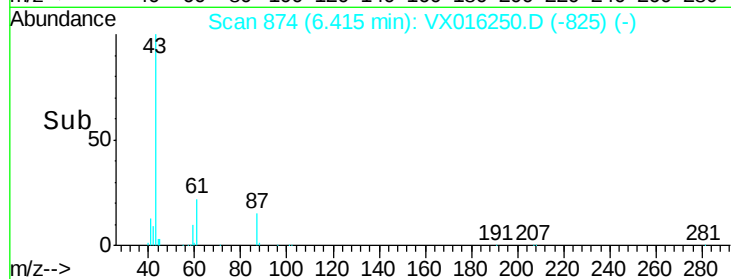
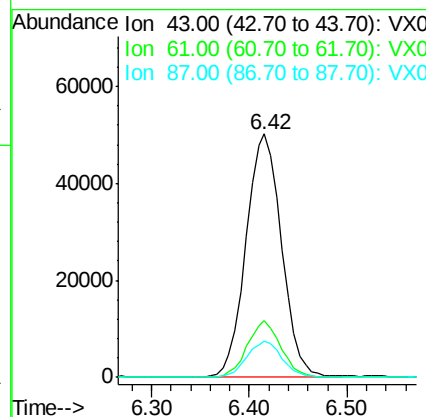
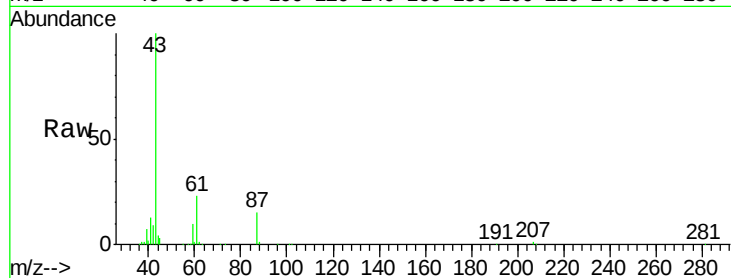




#43
Isopropyl Acetate
Concen: 19.47 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

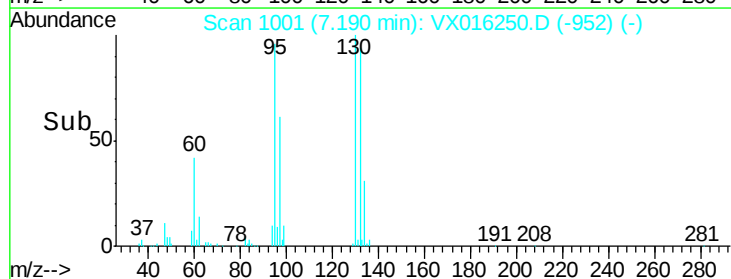
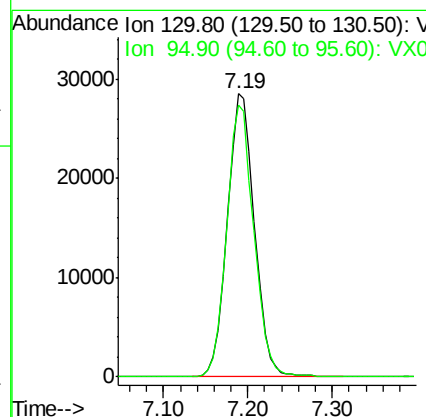
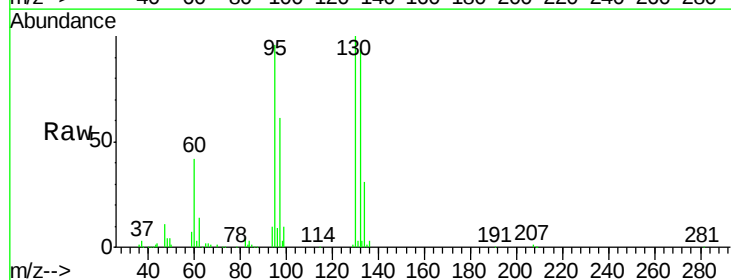
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS02

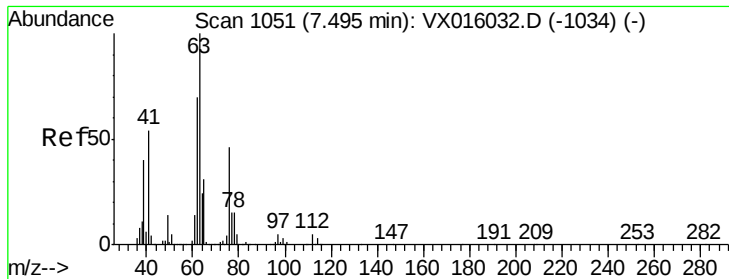
Tgt Ion: 43 Resp: 126007
Ion Ratio Lower Upper
43 100
61 22.2 17.0 25.4
87 14.7 11.0 16.6



#44
Trichloroethene
Concen: 17.26 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016250.D
Acq: 14 May 2020 23:34

Tgt Ion: 130 Resp: 62808
Ion Ratio Lower Upper
130 100
95 95.9 0.0 197.4

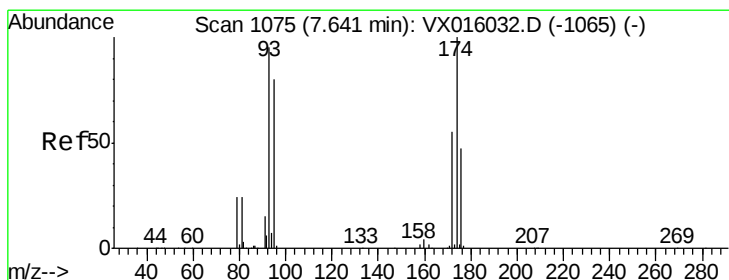
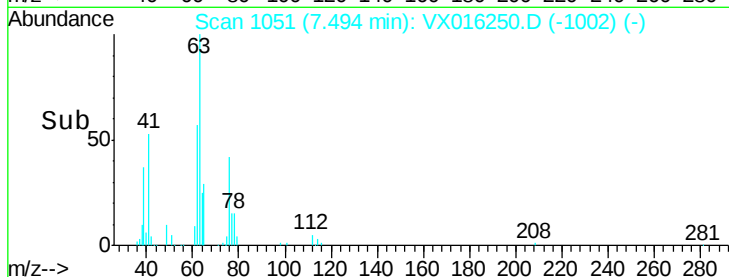
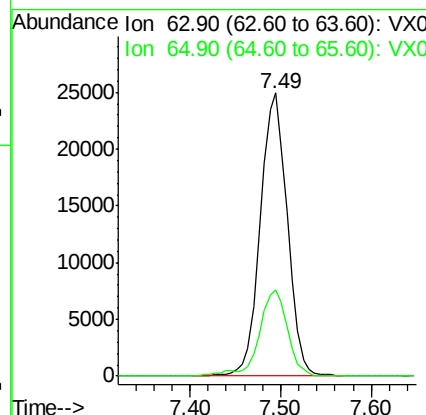
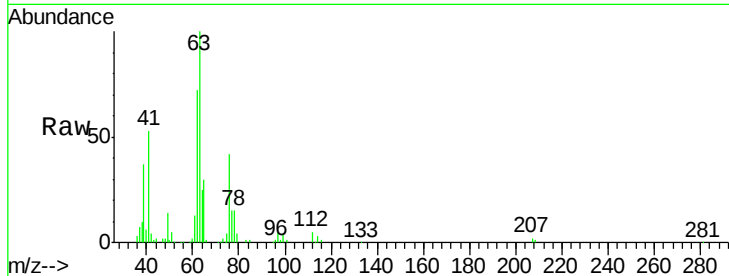




#45
 1,2-Dichloropropane
 Concen: 19.91 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

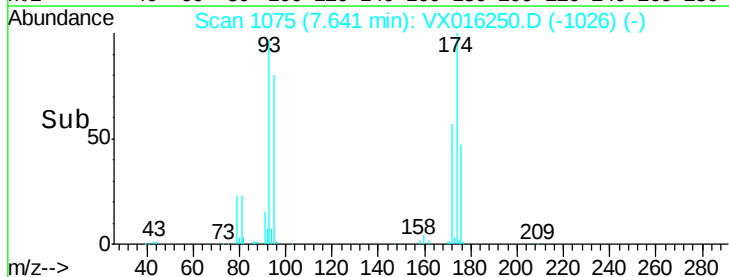
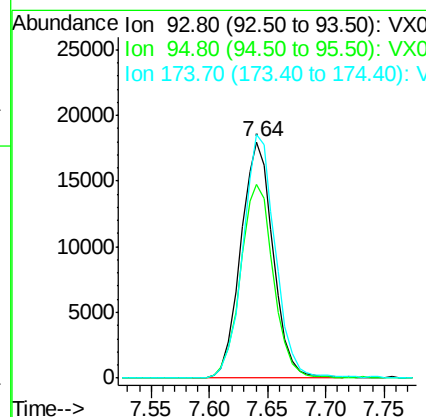
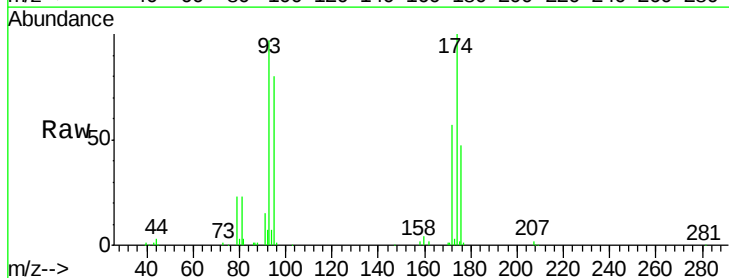
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

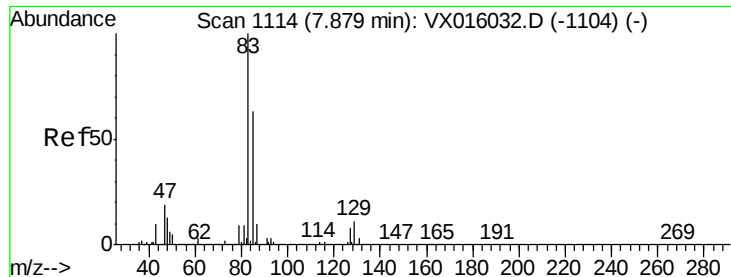
Tgt Ion: 63 Resp: 51599
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 19.76 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Tgt Ion: 93 Resp: 34793
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 100.0
 174 103.1 84.2 126.4





#47

Bromodichloromethane

Concen: 19.16 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

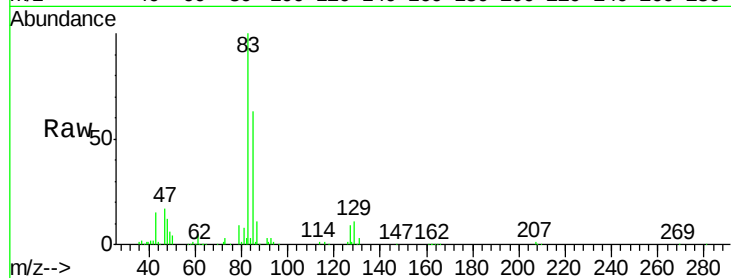
Tgt Ion: 83 Resp: 68707

Ion Ratio Lower Upper

83 100

85 63.1 50.5 75.7

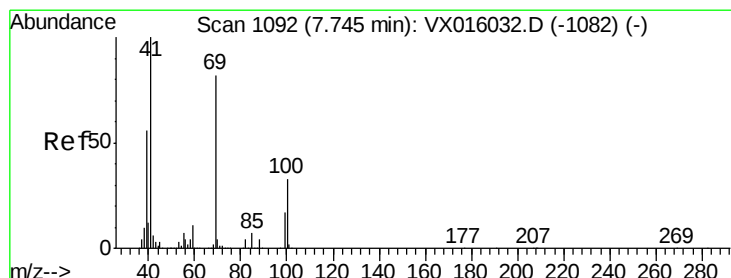
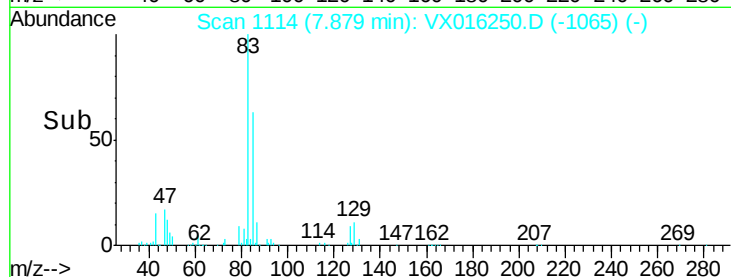
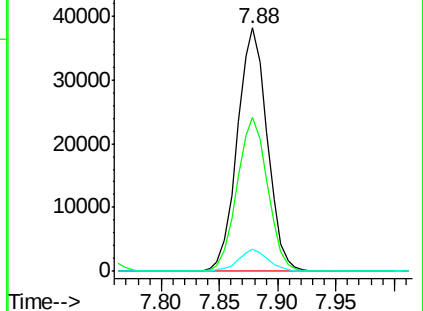
127 9.0 6.7 10.1



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: 19.10 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

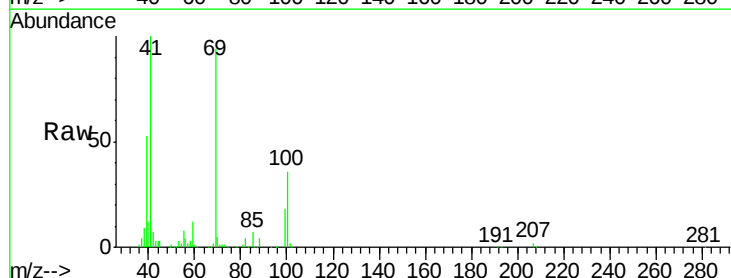
Tgt Ion: 41 Resp: 58563

Ion Ratio Lower Upper

41 100

69 90.0 67.8 101.6

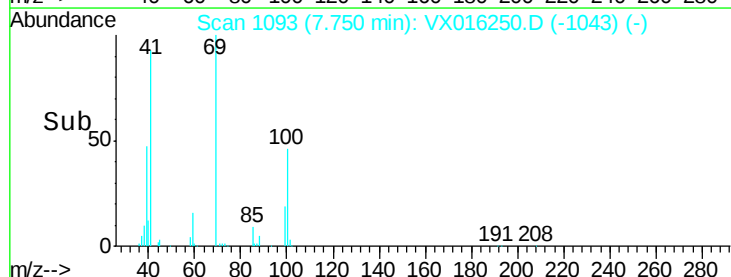
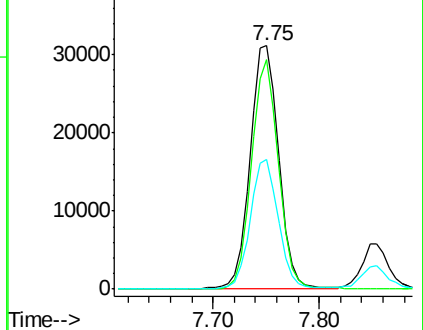
39 52.5 44.6 67.0

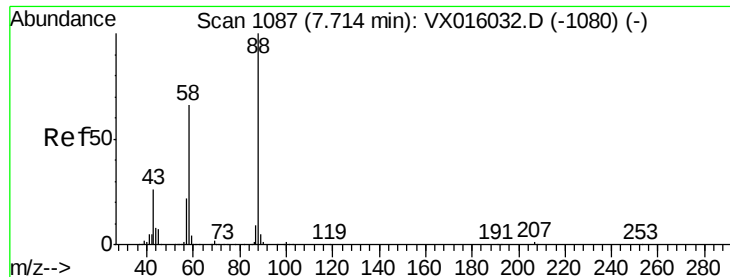


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 398.87 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

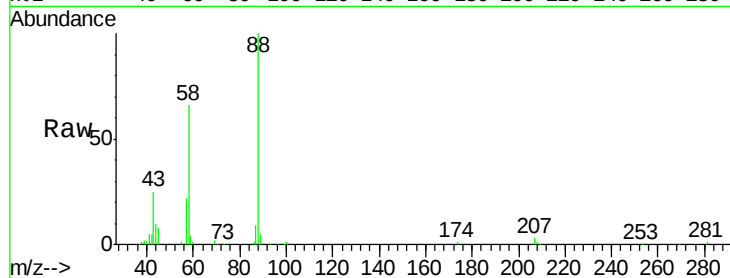
Tgt Ion: 88 Resp: 29338

Ion Ratio Lower Upper

88 100

43 30.6 25.3 37.9

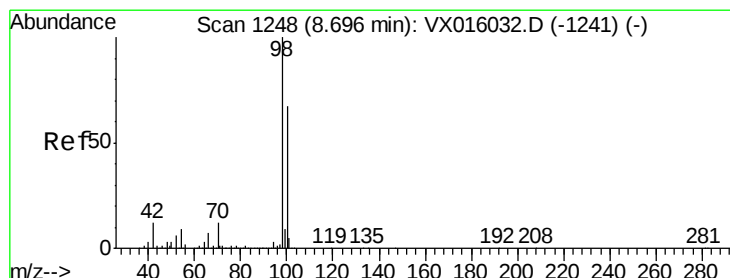
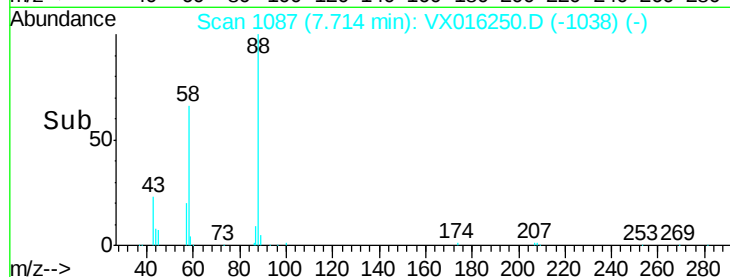
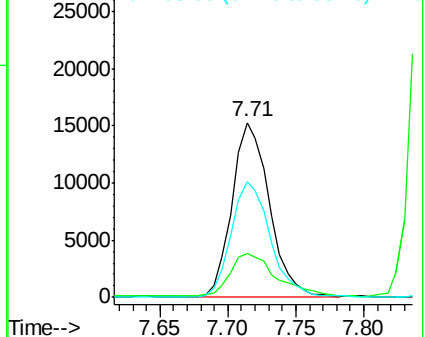
58 69.8 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.23 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016250.D

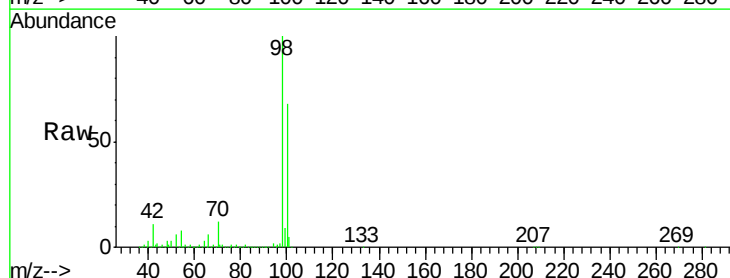
Acq: 14 May 2020 23:34

Tgt Ion: 98 Resp: 418613

Ion Ratio Lower Upper

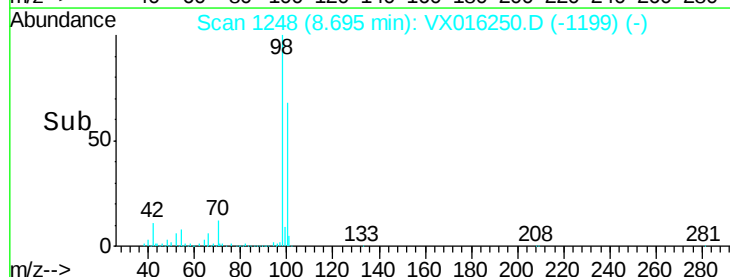
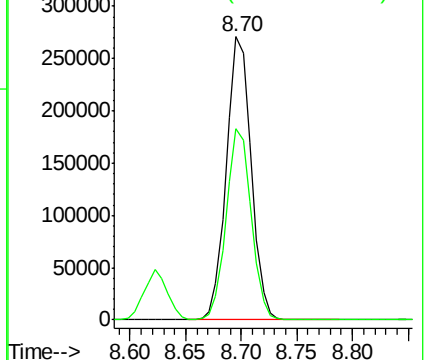
98 100

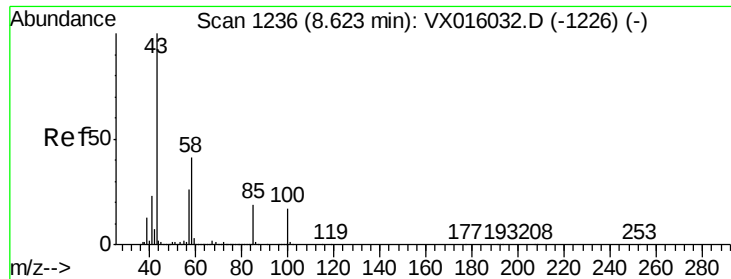
100 67.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

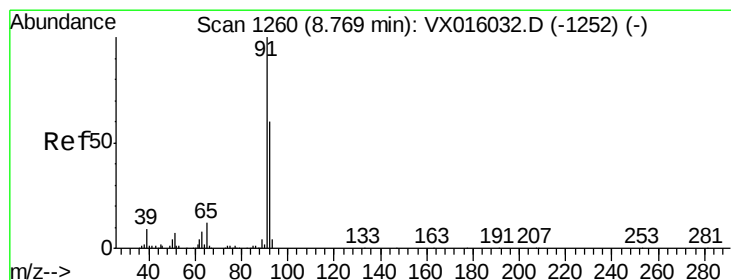
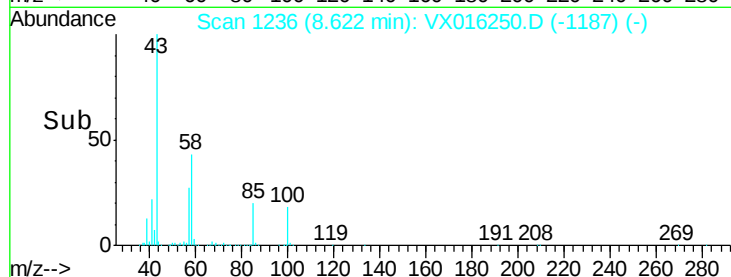
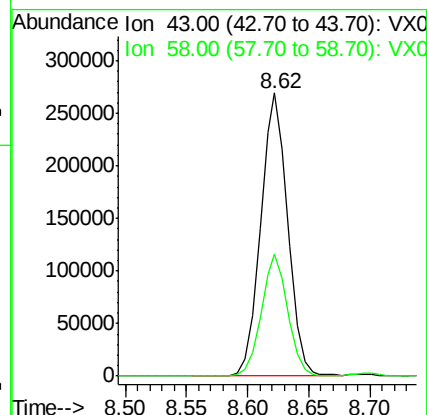
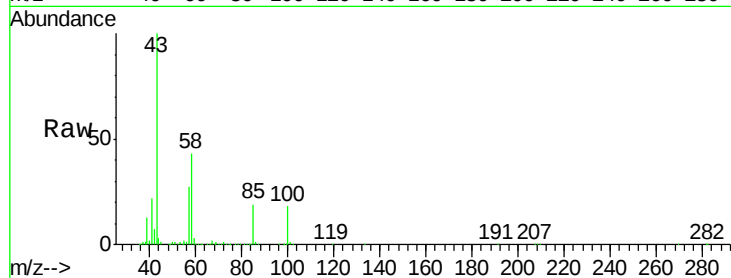




#51
 4-Methyl-2-Pentanone
 Concen: 104.14 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

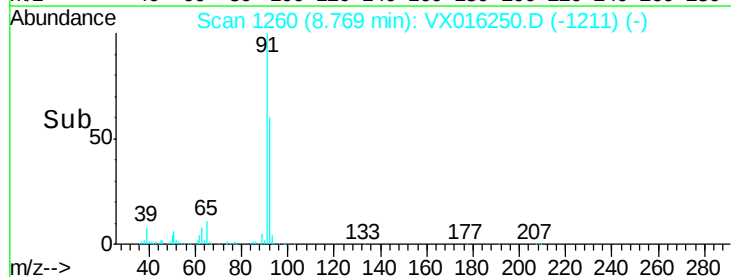
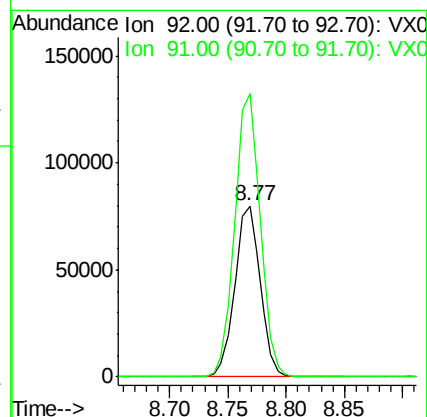
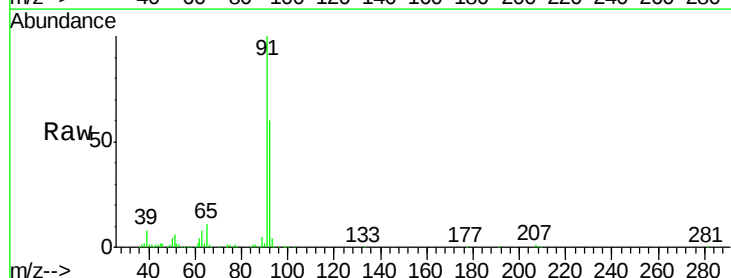
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

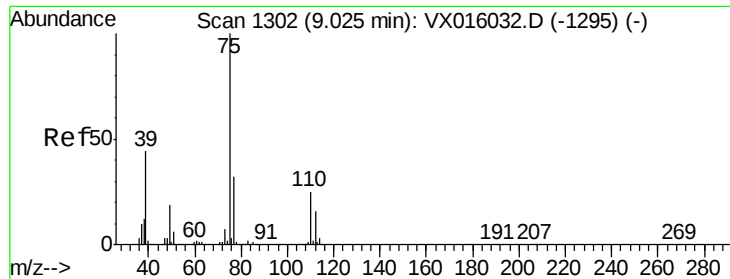
Tgt Ion: 43 Resp: 412453
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.0 49.4



#52
 Toluene
 Concen: 19.08 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016250.D
 Acq: 14 May 2020 23:34

Tgt Ion: 92 Resp: 121769
 Ion Ratio Lower Upper
 92 100
 91 166.4 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 18.38 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

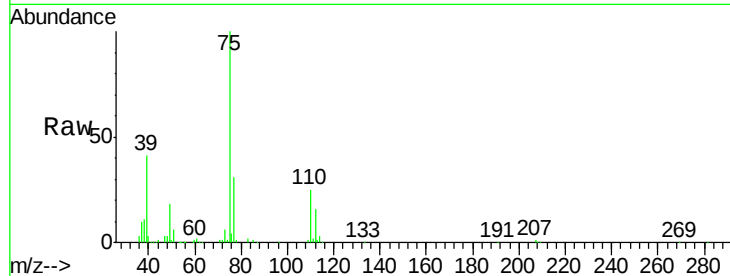
VX0514WBS02

Tgt Ion: 75 Resp: 78600

Ion Ratio Lower Upper

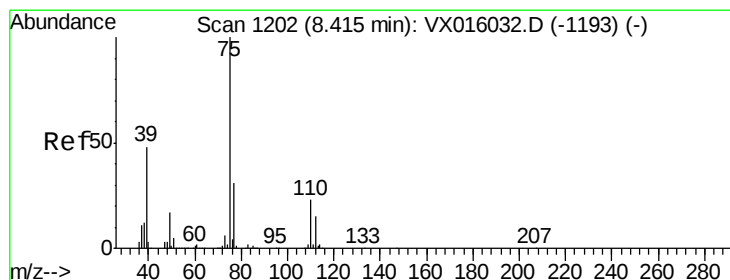
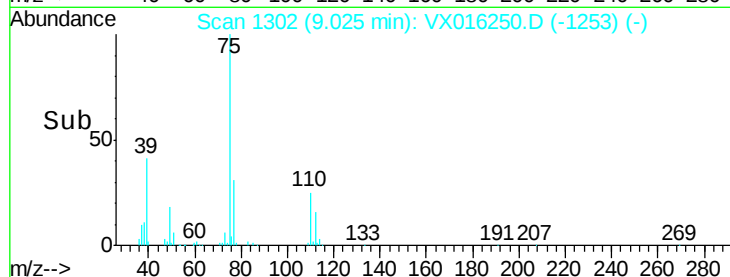
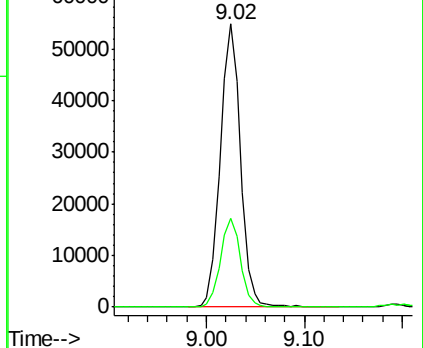
75 100

77 31.4 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: 18.73 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

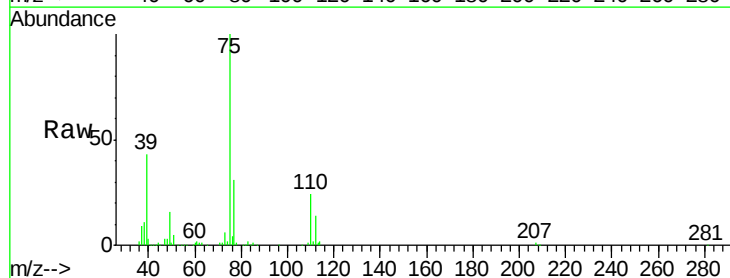
Tgt Ion: 75 Resp: 83637

Ion Ratio Lower Upper

75 100

77 31.0 24.7 37.1

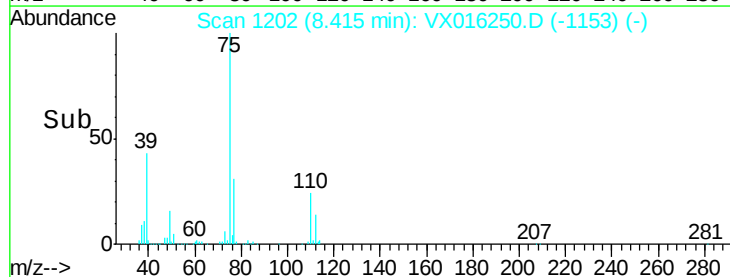
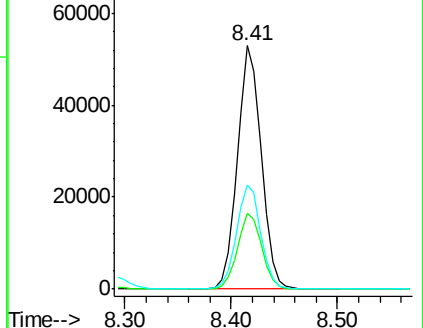
39 42.9 38.7 58.1

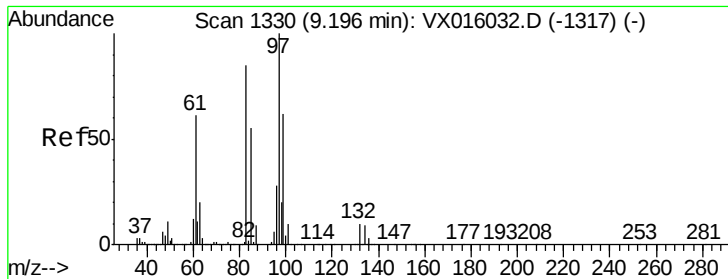


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.41 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS02

Tgt Ion: 97 Resp: 51249

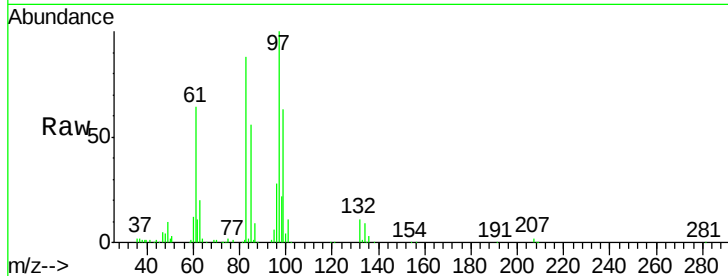
Ion Ratio Lower Upper

97 100

83 88.2 67.8 101.8

85 56.2 43.8 65.8

99 62.6 49.4 74.0

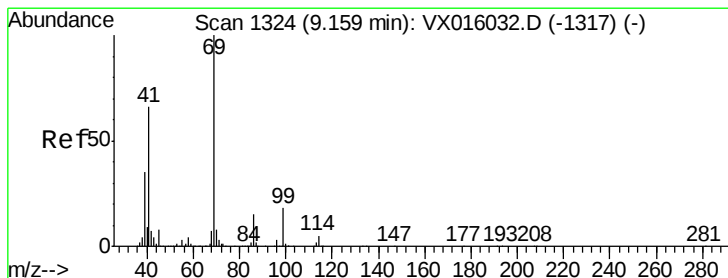
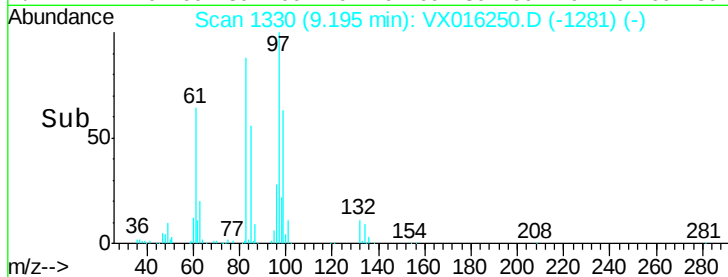
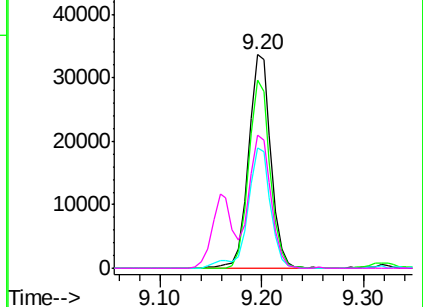


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.19 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016250.D

Acq: 14 May 2020 23:34

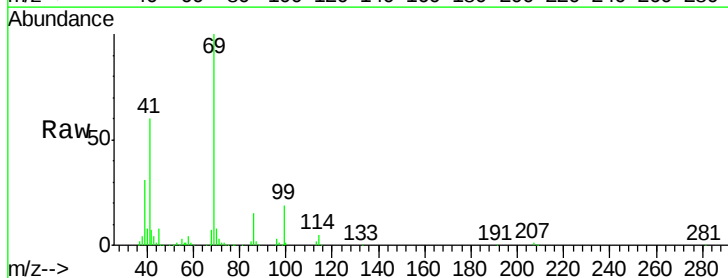
Tgt Ion: 69 Resp: 82752

Ion Ratio Lower Upper

69 100

41 60.7 52.2 78.4

39 31.1 28.2 42.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

