

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
 Data File : VX016037.D
 Acq On : 04 May 2020 15:48
 Operator : JC/SP
 Sample : VX0504WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Quant Time: May 05 07:27:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	322399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	513704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	232794	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	193172	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	
35) Dibromofluoromethane	5.46	113	144476	44.39	ug/l	0.00
Spiked Amount			Recovery	=	88.78%	
50) Toluene-d8	8.70	98	578277	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.12	95	218314	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	62906	18.434	ug/l	99
3) Chloromethane	1.31	50	70133	17.697	ug/l	100
4) Vinyl Chloride	1.39	62	75973	17.968	ug/l	98
5) Bromomethane	1.63	94	53570	25.131	ug/l	97
6) Chloroethane	1.71	64	48892	19.005	ug/l	99
7) Trichlorofluoromethane	1.92	101	104458	18.818	ug/l	100
8) Diethyl Ether	2.17	74	42576	18.204	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	59866	18.693	ug/l	99
10) Methyl Iodide	2.49	142	72478	16.848	ug/l	98
11) Tert butyl alcohol	3.01	59	94623	88.202	ug/l	100
12) 1,1-Dichloroethene	2.36	96	59553	17.770	ug/l	93
13) Acrolein	2.27	56	56711	84.476	ug/l	98
14) Allyl chloride	2.70	41	111016	18.066	ug/l	99
15) Acrylonitrile	3.12	53	193674	87.023	ug/l	100
16) Acetone	2.42	43	169372	89.476	ug/l	97
17) Carbon Disulfide	2.55	76	187583	18.508	ug/l	99
18) Methyl Acetate	2.75	43	81921	17.601	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	212851	18.424	ug/l	99
20) Methylene Chloride	2.83	84	67380	17.267	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	65496	17.537	ug/l	98
22) Diisopropyl ether	3.82	45	209852	18.102	ug/l	96
23) Vinyl Acetate	3.78	43	932659	91.445	ug/l	99
24) 1,1-Dichloroethane	3.67	63	117356	18.097	ug/l	99
25) 2-Butanone	4.64	43	273287	89.594	ug/l	98
26) 2,2-Dichloropropane	4.55	77	107154	18.093	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	72619	17.786	ug/l	100
28) Bromochloromethane	4.98	49	54468	18.420	ug/l	100
29) Tetrahydrofuran	5.09	42	179672	88.897	ug/l	99
30) Chloroform	5.18	83	117616	18.216	ug/l	98
31) Cyclohexane	5.55	56	107047	18.163	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	106874	18.209	ug/l	99
36) 1,1-Dichloropropene	5.77	75	89955	17.789	ug/l	99
37) Ethyl Acetate	4.79	43	105263	17.960	ug/l	99
38) Carbon Tetrachloride	5.76	117	93721	18.234	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	110206	18.097	ug/l	99
40) Benzene	6.11	78	266127	17.987	ug/l	100
41) Methacrylonitrile	5.00	41	55813	17.634	ug/l	100
42) 1,2-Dichloroethane	6.16	62	97656	18.322	ug/l	99
43) Isopropyl Acetate	6.41	43	169596	18.136	ug/l	100
44) Trichloroethene	7.19	130	95053	18.083	ug/l	99
45) 1,2-Dichloropropane	7.49	63	67835	18.119	ug/l	98
46) Dibromomethane	7.64	93	45485	17.878	ug/l	99
47) Bromodichloromethane	7.88	83	92425	17.837	ug/l	98
48) Methyl methacrylate	7.74	41	79306	17.898	ug/l	98
49) 1,4-Dioxane	7.71	88	37582	353.643	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	518286	90.572	ug/l	100
52) Toluene	8.76	92	169495	18.379	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	109360	17.701	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	115363	17.877	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	65316	18.001	ug/l	99
56) Ethyl methacrylate	9.16	69	106114	17.916	ug/l	99
57) 1,3-Dichloropropane	9.35	76	113709	17.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	287110	91.056	ug/l	100
59) 2-Hexanone	9.47	43	403844	89.864	ug/l	99
60) Dibromochloromethane	9.57	129	73164	18.309	ug/l	99
61) 1,2-Dibromoethane	9.65	107	71035	18.074	ug/l	98
64) Tetrachloroethene	9.32	164	106918	18.657	ug/l	97
65) Chlorobenzene	10.12	112	177538	18.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	65926	18.248	ug/l	100
67) Ethyl Benzene	10.24	91	320711	18.389	ug/l	98
68) m/p-Xylenes	10.34	106	244196	37.372	ug/l	100
69) o-Xylene	10.68	106	116868	18.607	ug/l	100
70) Styrene	10.70	104	194496	18.253	ug/l	99
71) Bromoform	10.84	173	51692	17.562	ug/l	98
73) Isopropylbenzene	11.00	105	312877	18.478	ug/l	100
74) N-amyl acetate	10.88	43	142998	18.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	54753	18.237	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	127055	24.051	ug/l	84
77) Bromobenzene	11.24	156	77954	17.837	ug/l	99
78) n-propylbenzene	11.34	91	363708	18.464	ug/l	100
79) 2-Chlorotoluene	11.40	91	210364	18.093	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	263968	18.464	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	39035	17.609	ug/l	97
82) 4-Chlorotoluene	11.49	91	250640	18.255	ug/l	99
83) tert-Butylbenzene	11.76	119	224689	18.237	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	263067	18.201	ug/l	100
85) sec-Butylbenzene	11.93	105	305180	18.346	ug/l	99
86) p-Isopropyltoluene	12.05	119	282416	18.286	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	138905	17.701	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	140221	17.605	ug/l	99
89) n-Butylbenzene	12.37	91	250723	17.770	ug/l	99
90) Hexachloroethane	12.58	117	46624	17.578	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	135665	17.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23737	17.049	ug/l	98

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ClientSampleId :
VX0504WBS01

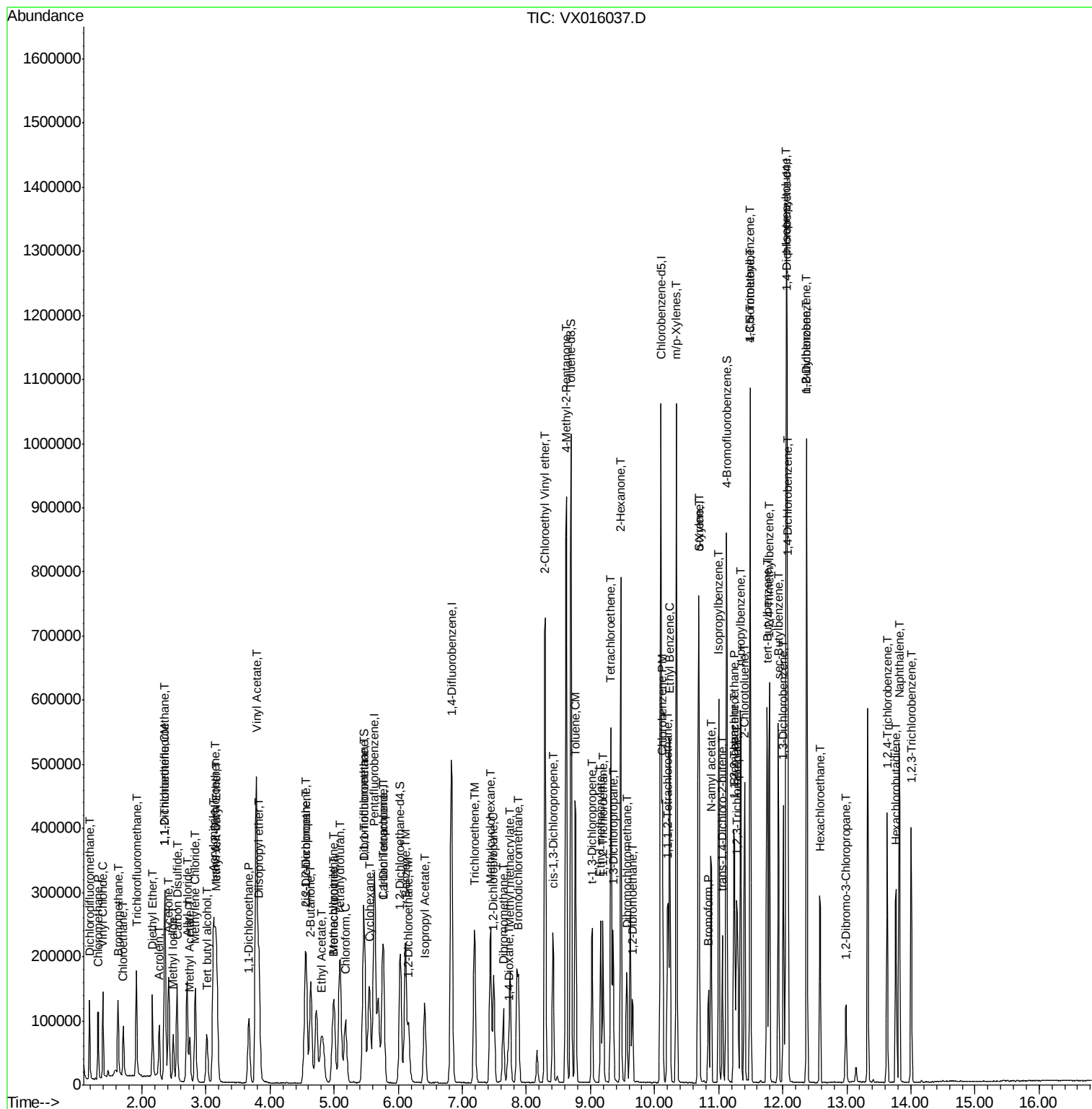
Quant Time: May 05 07:27:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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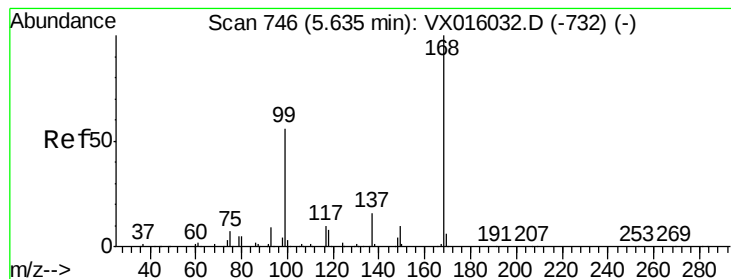
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	98805	17.662	ug/l	97
94) Hexachlorobutadiene	13.77	225	44321	18.730	ug/l	97
95) Naphthalene	13.82	128	318543	17.585	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	96250	17.604	ug/l	99

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

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Quant Time: May 05 07:27:07 2020
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

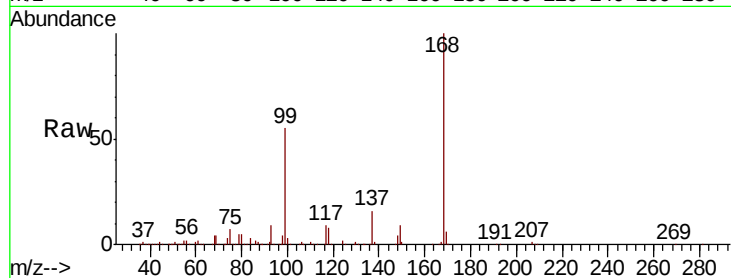
VX0504WBS01

Tot Ion:168 Resp: 322399

Ion Ratio Lower Upper

168 100

99 54.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

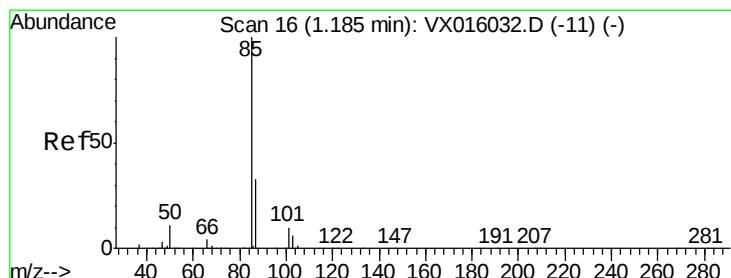
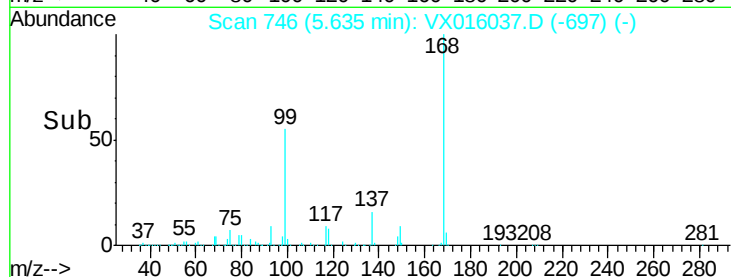
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.434 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016037.D

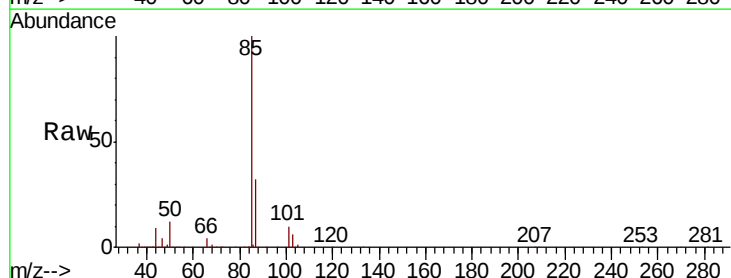
Acq: 04 May 2020 15:48

Tgt Ion: 85 Resp: 62906

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

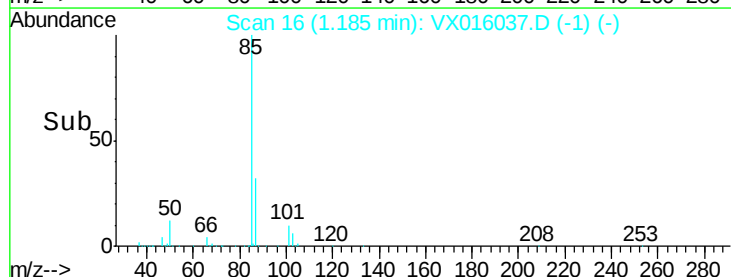
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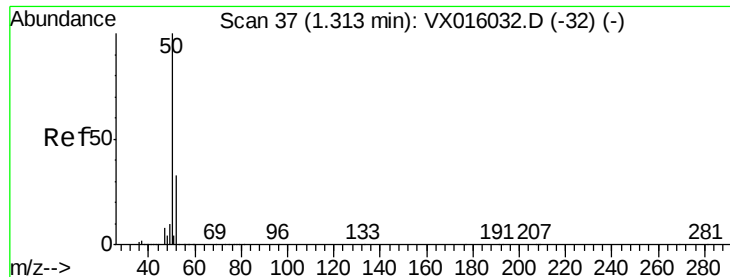
40000

20000

0

Time-->





#3

Chloromethane

Concen: 17.697 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

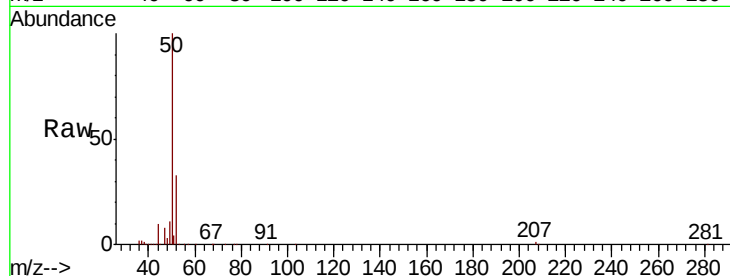
VX0504WBS01

Tot Ion: 50 Resp: 70133

Ion Ratio Lower Upper

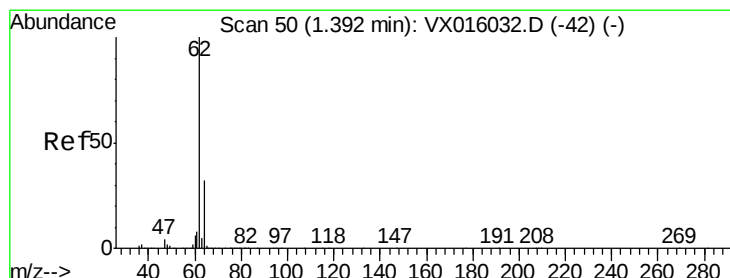
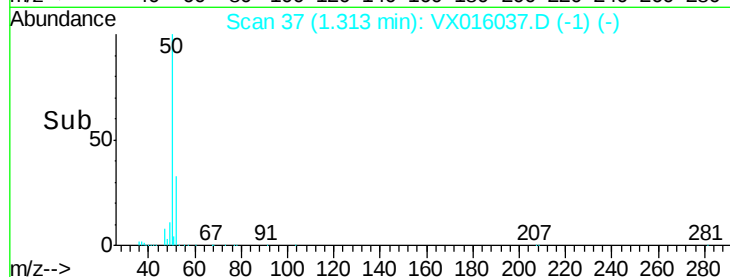
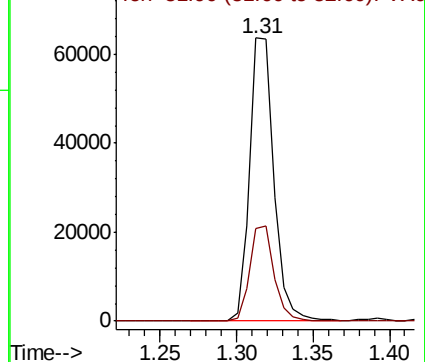
50 100

52 32.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.968 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016037.D

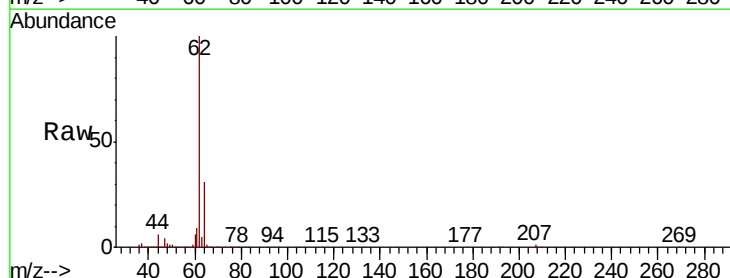
Acq: 04 May 2020 15:48

Tgt Ion: 62 Resp: 75973

Ion Ratio Lower Upper

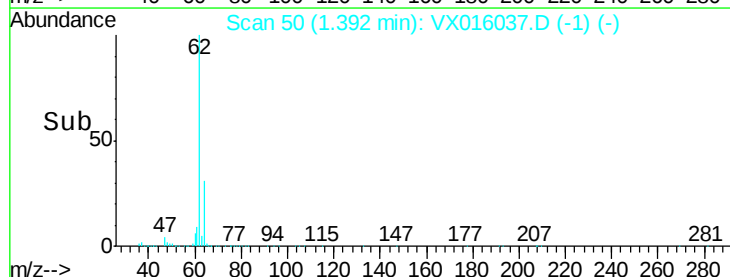
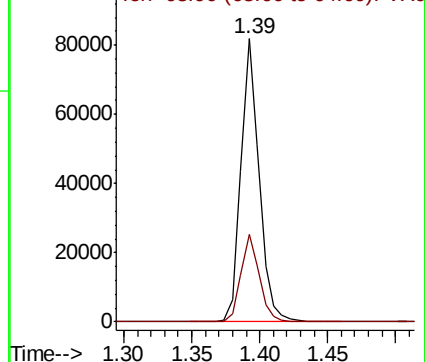
62 100

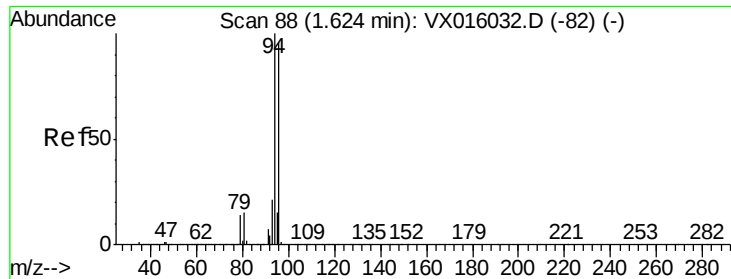
64 30.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.131 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

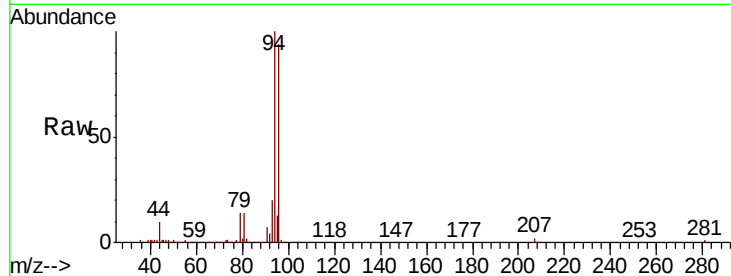
VX0504WBS01

Tot Ion: 94 Resp: 53570

Ion Ratio Lower Upper

94 100

96 93.5 76.9 115.3

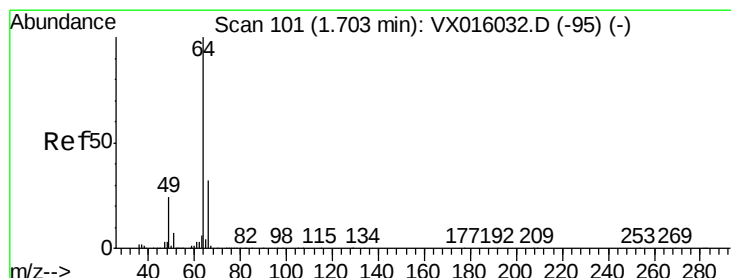
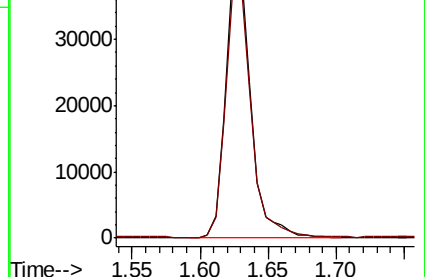
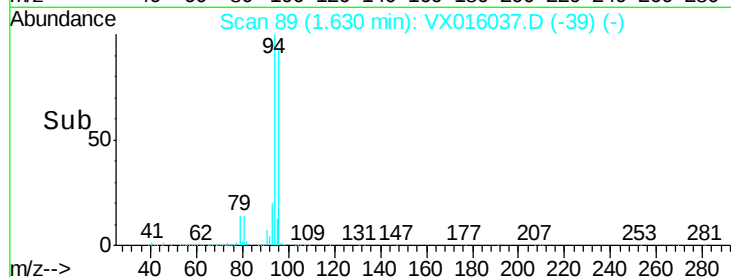


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

Time-->



#6

Chloroethane

Concen: 19.005 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016037.D

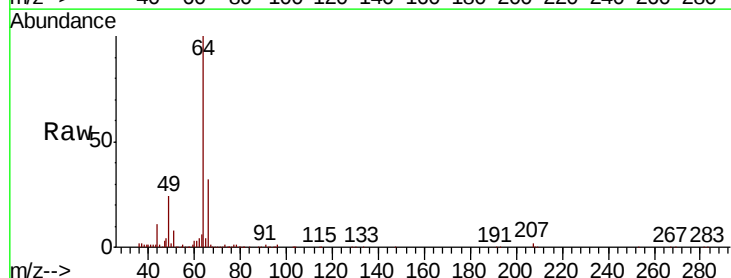
Acq: 04 May 2020 15:48

Tgt Ion: 64 Resp: 48892

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8

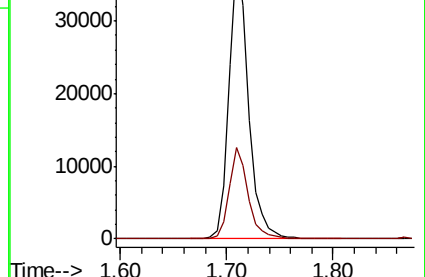
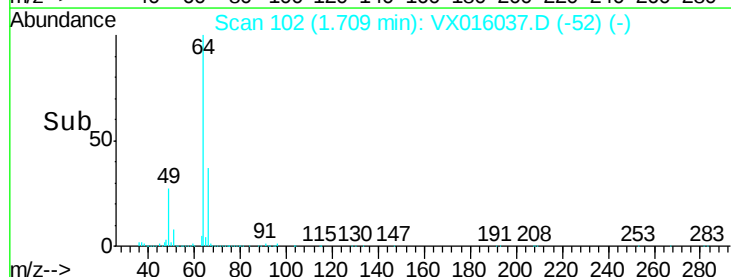


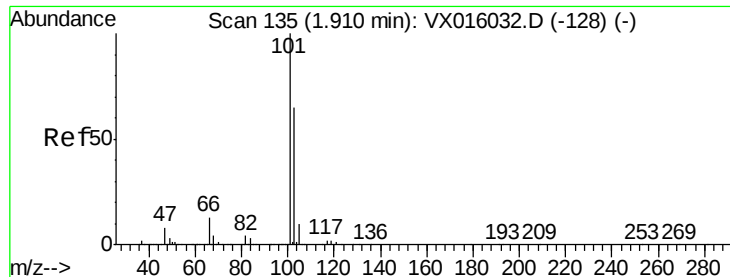
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

Time-->



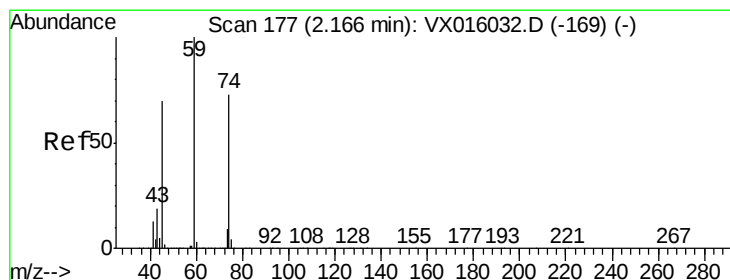
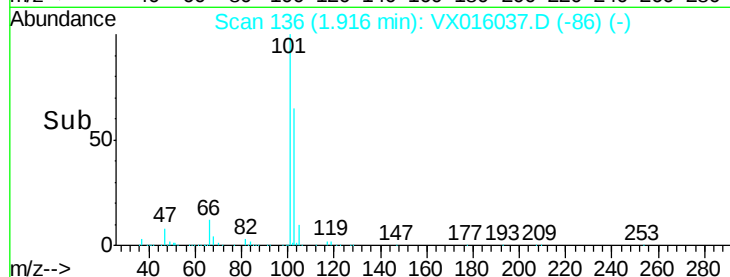
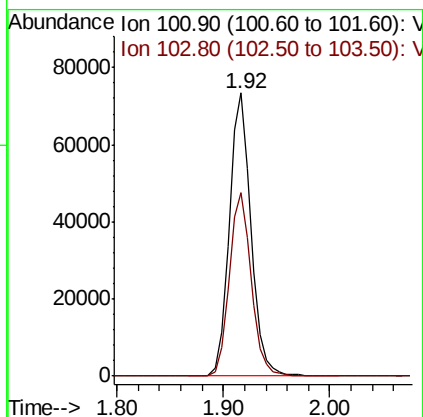
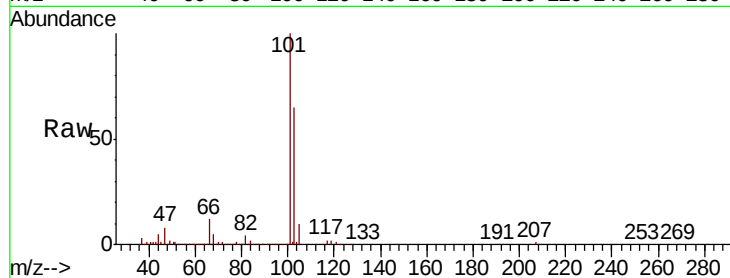


#7

Trichlorofluoromethane
Concen: 18.818 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

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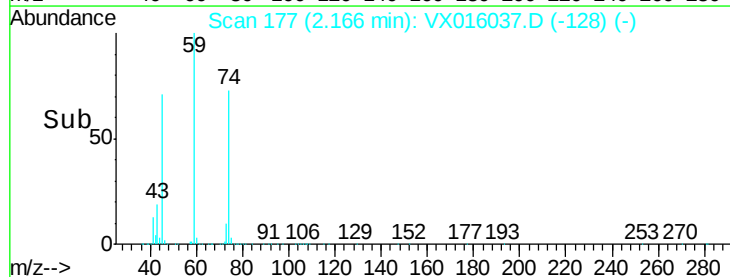
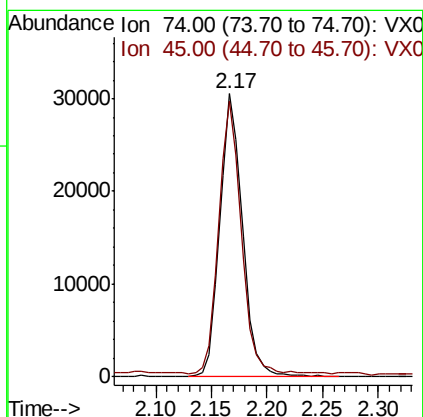
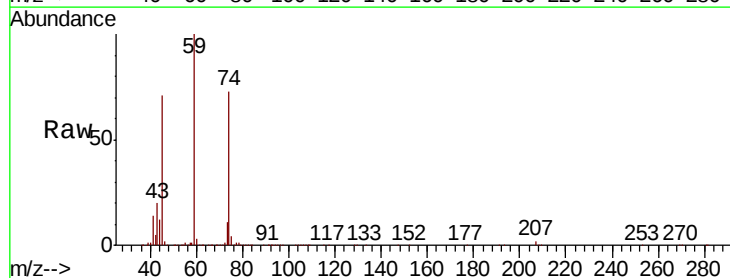
Tot Ion:101 Resp: 104458
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

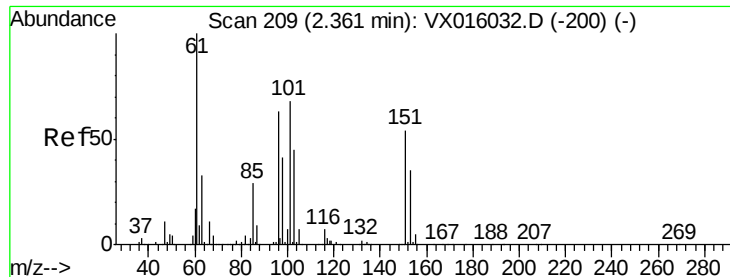


#8

Diethyl Ether
Concen: 18.204 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion: 74 Resp: 42576
Ion Ratio Lower Upper
74 100
45 96.0 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.693 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016037.D

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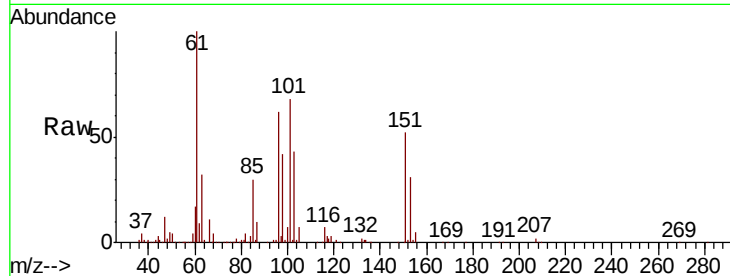
Tot Ion:101 Resp: 59866

Ion Ratio Lower Upper

101 100

85 44.3 34.2 51.4

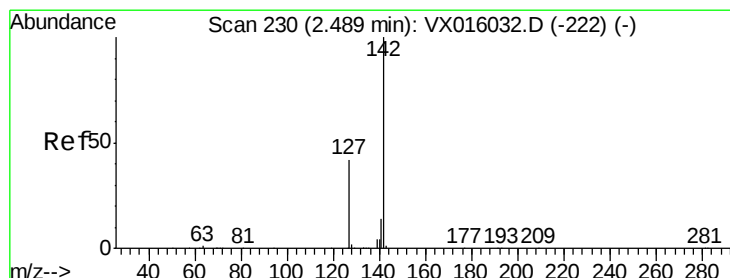
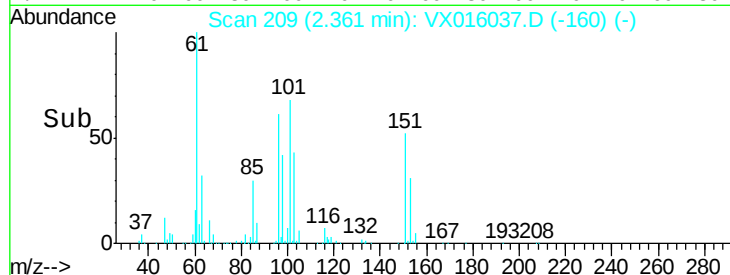
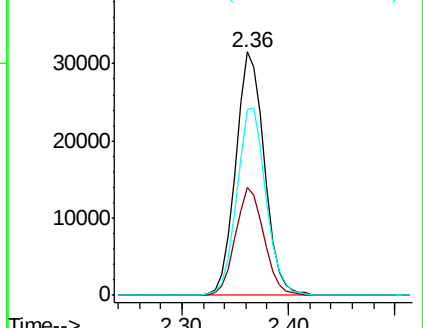
151 78.2 62.1 93.1



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: 16.848 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

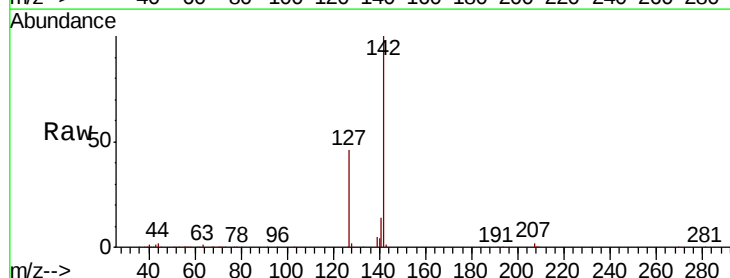
Tgt Ion:142 Resp: 72478

Ion Ratio Lower Upper

142 100

127 44.8 34.6 52.0

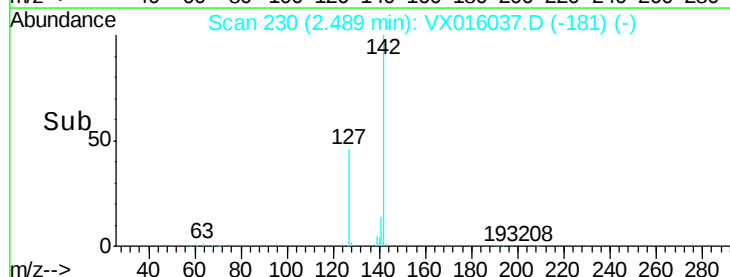
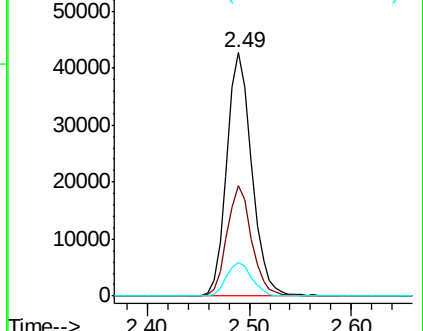
141 14.0 11.3 16.9

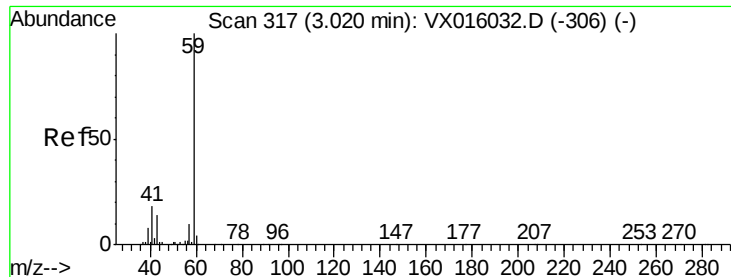


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



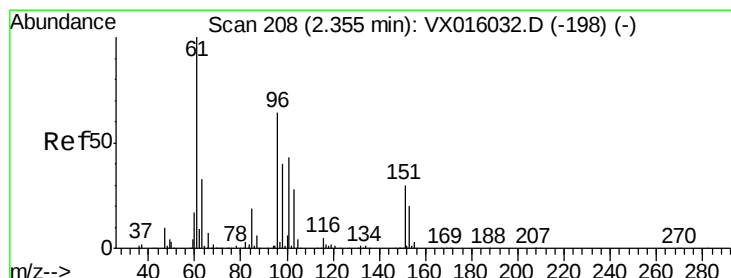
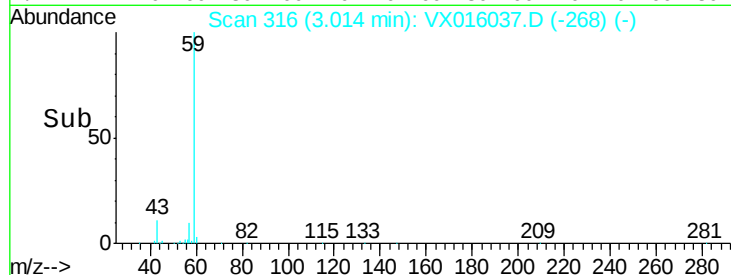
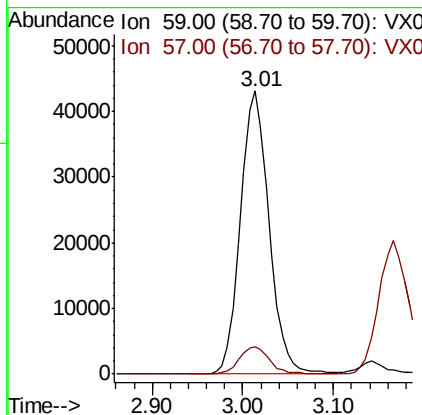
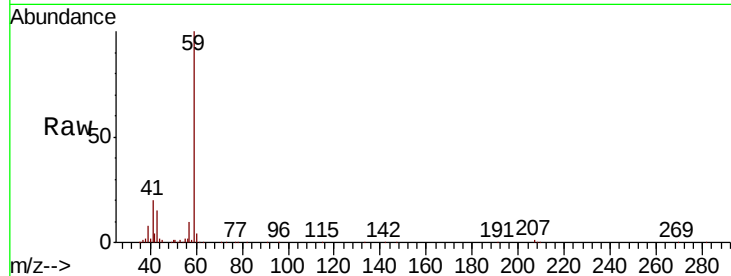


#11

Tert butyl alcohol
Concen: 88.202 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

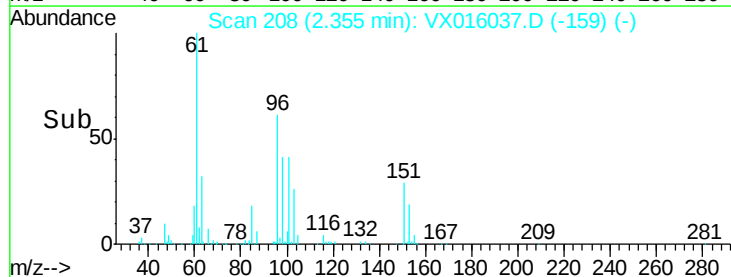
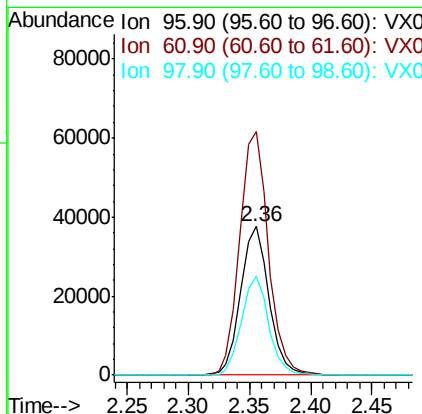
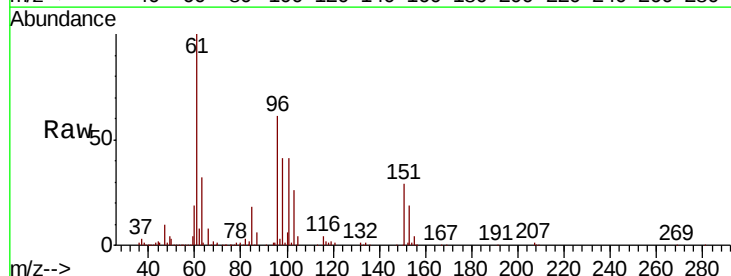
Tot Ion: 59 Resp: 94623
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

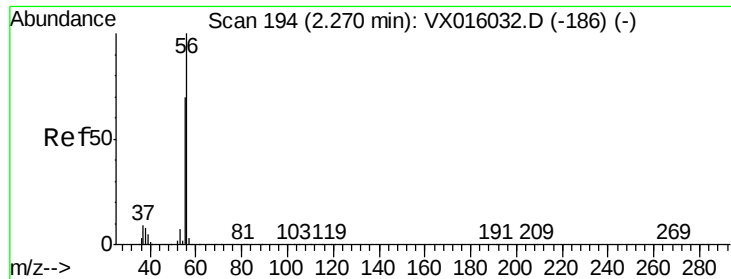


#12

1,1-Dichloroethene
Concen: 17.770 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion: 96 Resp: 59553
Ion Ratio Lower Upper
96 100
61 164.6 124.8 187.2
98 67.1 49.7 74.5





#13

Acrolein

Concen: 84.476 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

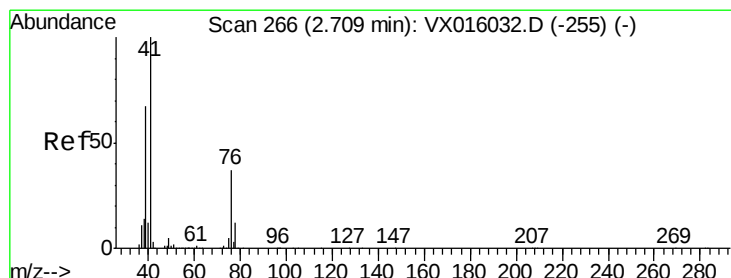
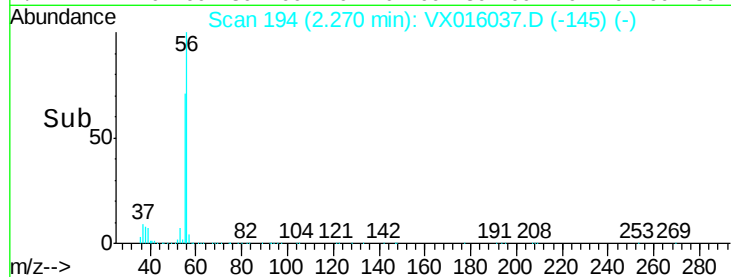
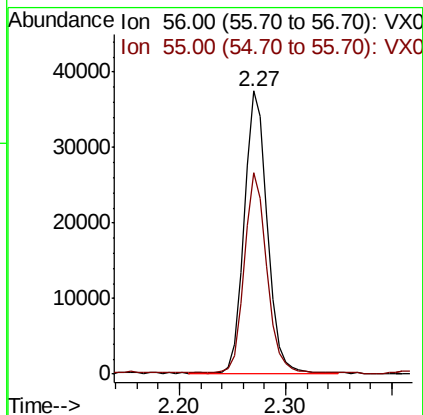
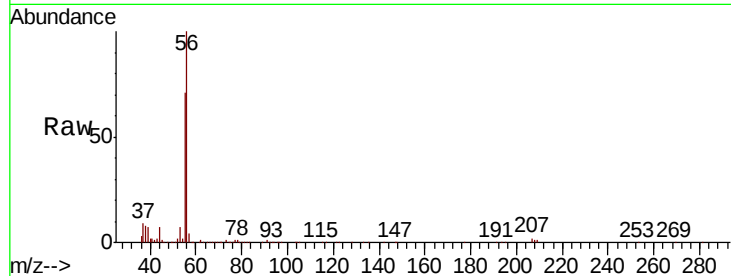
VX0504WBS01

Tot Ion: 56 Resp: 56711

Ion Ratio Lower Upper

56 100

55 68.9 56.5 84.7



#14

Allyl chloride

Concen: 18.066 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

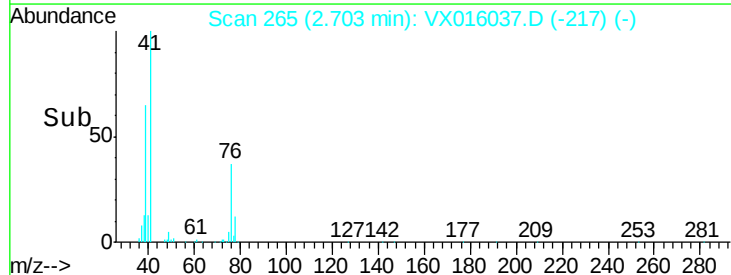
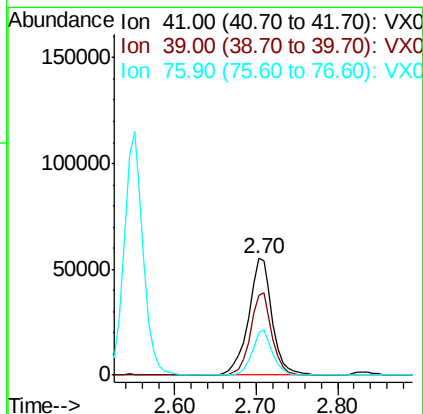
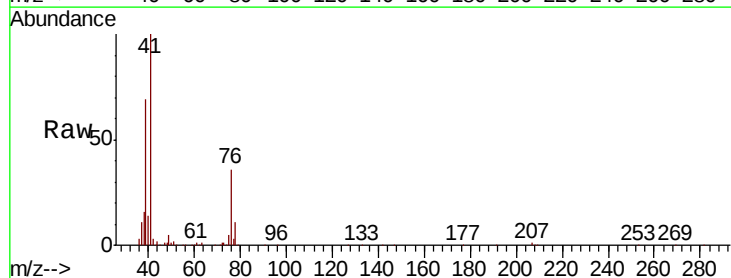
Tgt Ion: 41 Resp: 111016

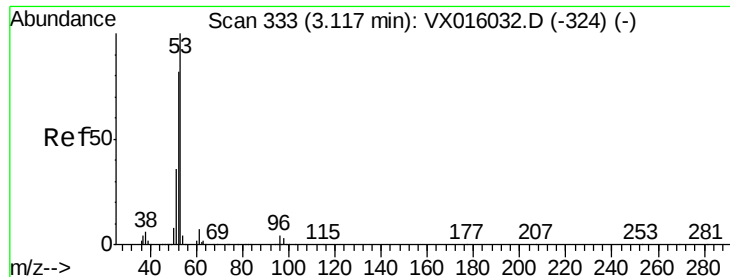
Ion Ratio Lower Upper

41 100

39 63.9 50.5 75.7

76 33.1 26.6 40.0





#15

Acrylonitrile

Concen: 87.023 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

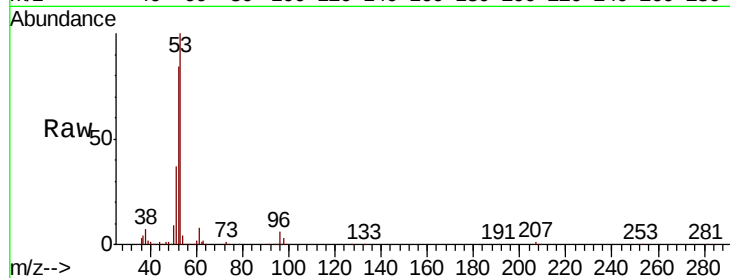
Tot Ion: 53 Resp: 193674

Ion Ratio Lower Upper

53 100

52 82.6 66.1 99.1

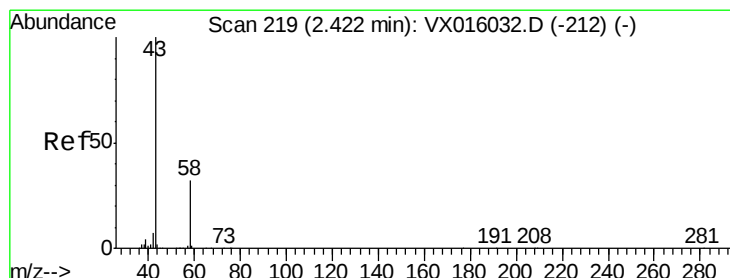
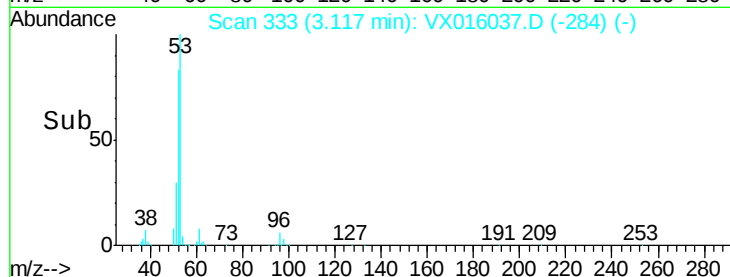
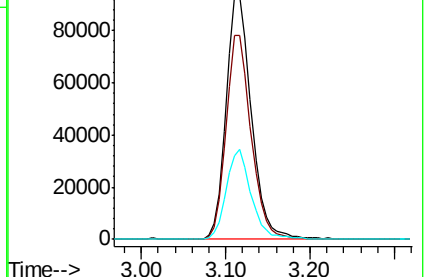
51 36.3 28.8 43.2



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: 89.476 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016037.D

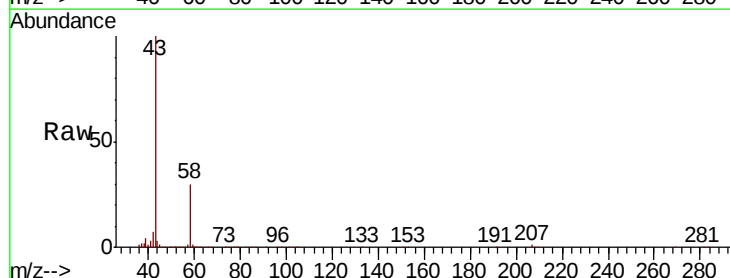
Acq: 04 May 2020 15:48

Tgt Ion: 43 Resp: 169372

Ion Ratio Lower Upper

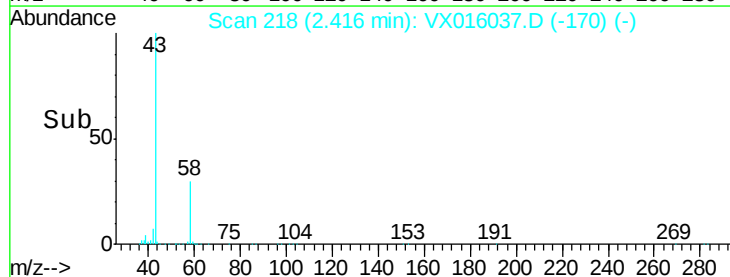
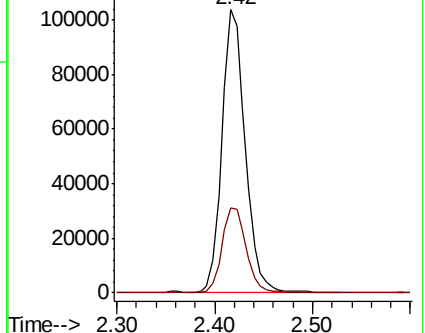
43 100

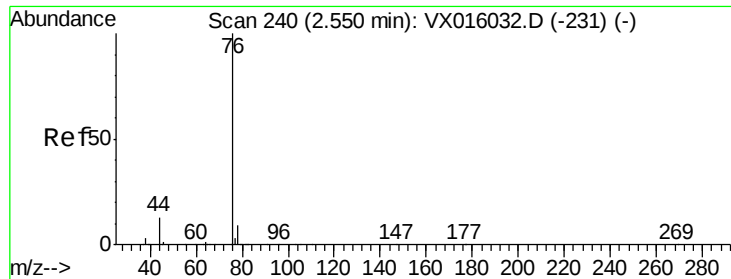
58 30.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

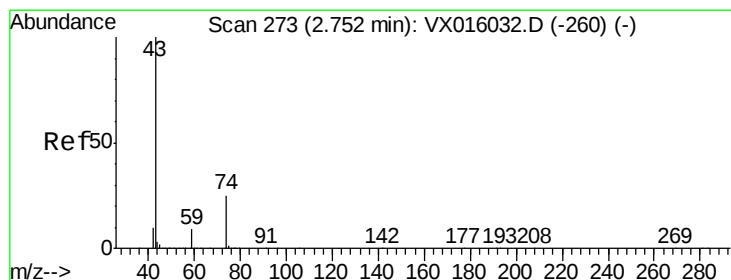
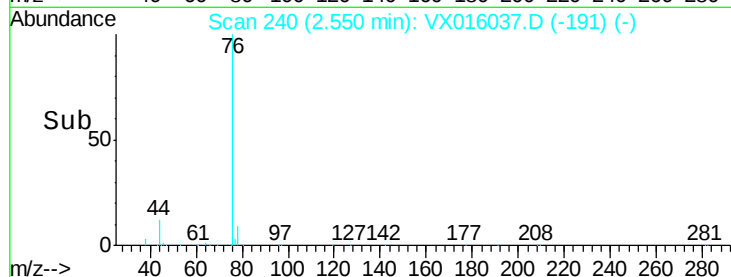
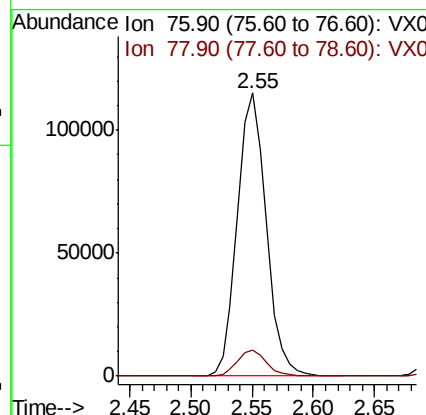
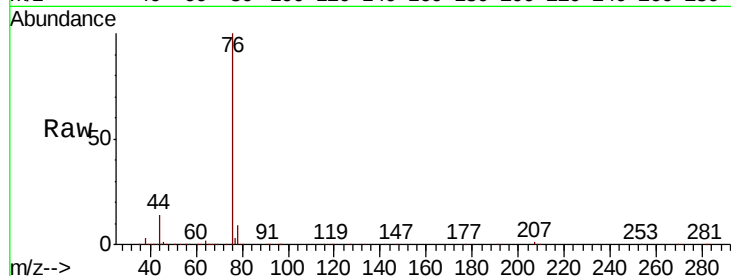




#17
Carbon Disulfide
Concen: 18.508 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

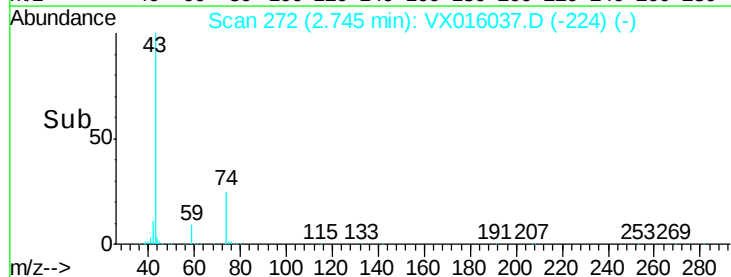
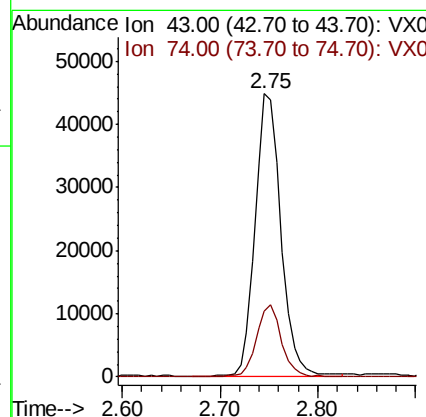
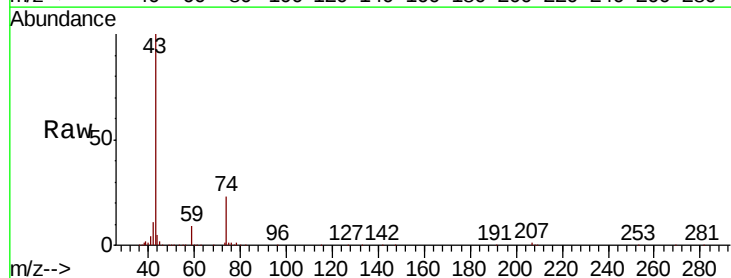
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

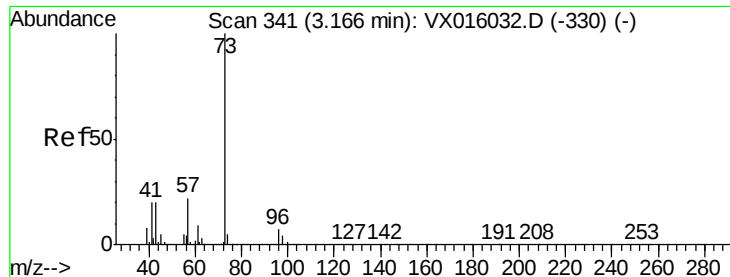
Tot Ion: 76 Resp: 187583
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 17.601 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion: 43 Resp: 81921
Ion Ratio Lower Upper
43 100
74 25.0 20.2 30.2



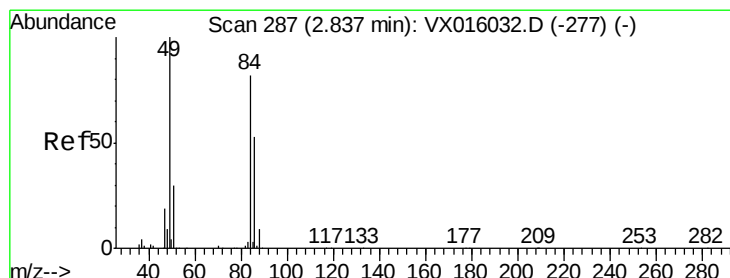
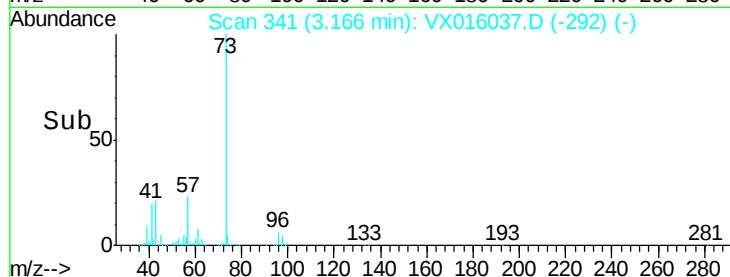
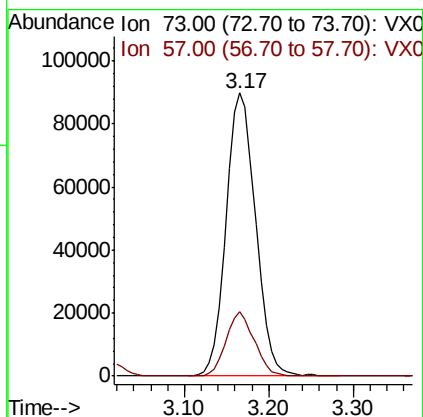
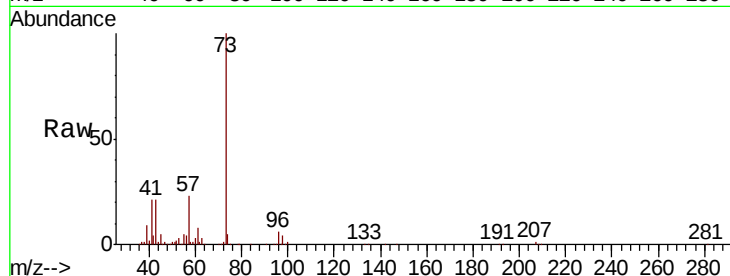


#19

Methyl tert-butyl Ether
 Concen: 18.424 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

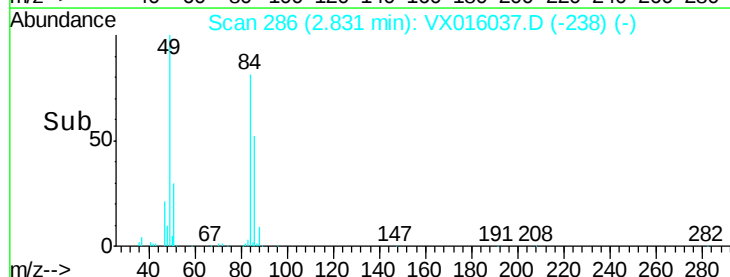
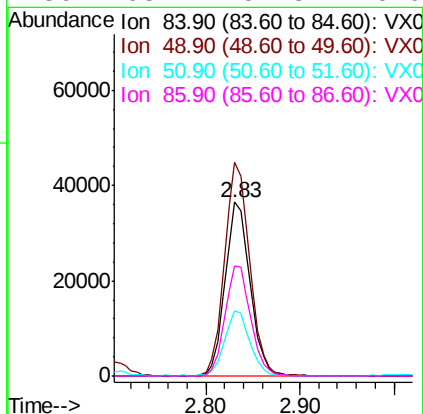
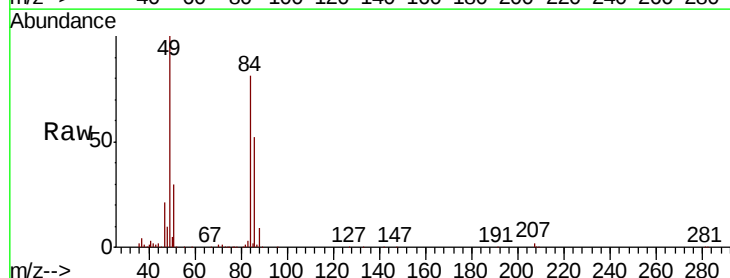
Tot Ion: 73 Resp: 212851
 Ion Ratio Lower Upper
 73 100
 57 22.6 17.8 26.6

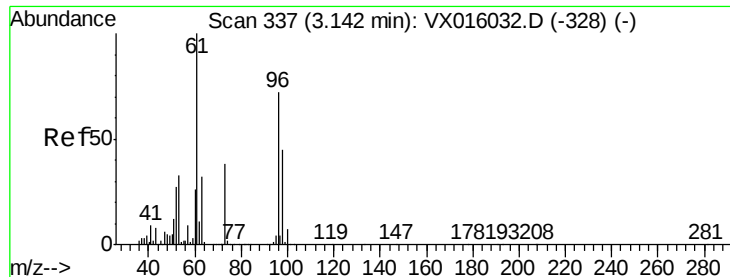


#20

Methylene Chloride
 Concen: 17.267 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion: 84 Resp: 67380
 Ion Ratio Lower Upper
 84 100
 49 122.9 97.3 145.9
 51 37.1 29.3 43.9
 86 63.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.537 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

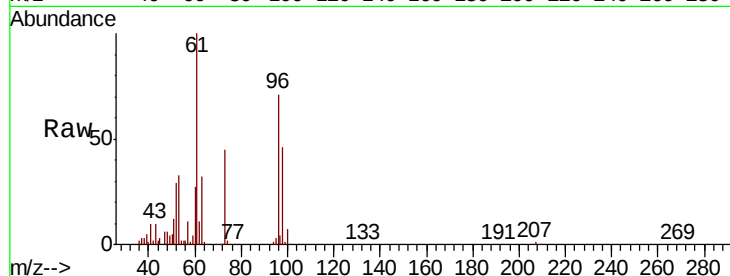
Tot Ion: 96 Resp: 65496

Ion Ratio Lower Upper

96 100

61 141.4 111.2 166.8

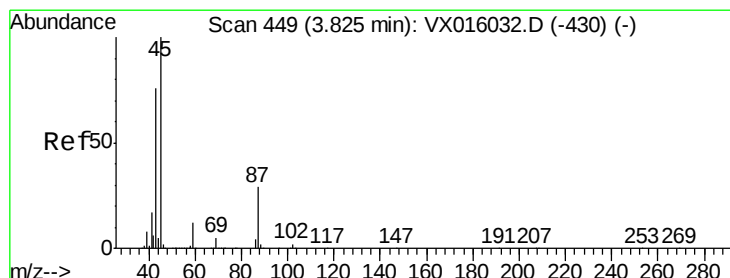
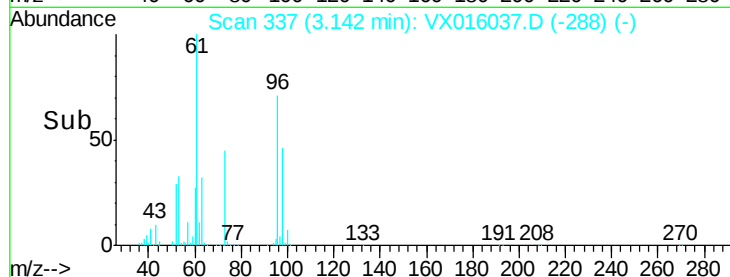
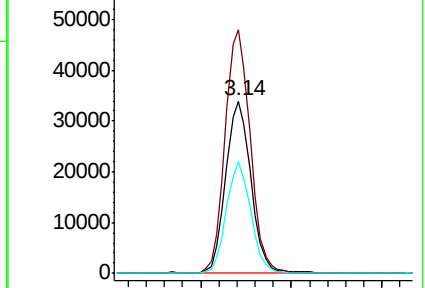
98 64.8 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.102 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Tgt Ion: 45 Resp: 209852

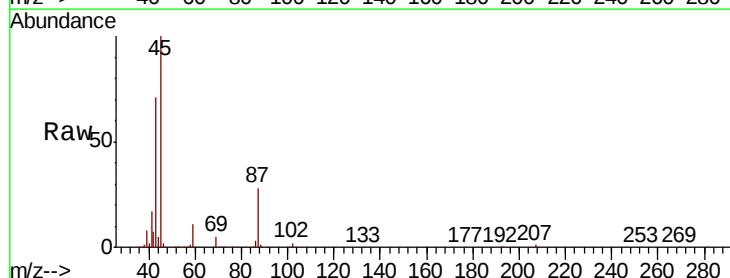
Ion Ratio Lower Upper

45 100

43 71.3 61.1 91.7

87 28.5 23.0 34.6

59 11.4 9.8 14.6

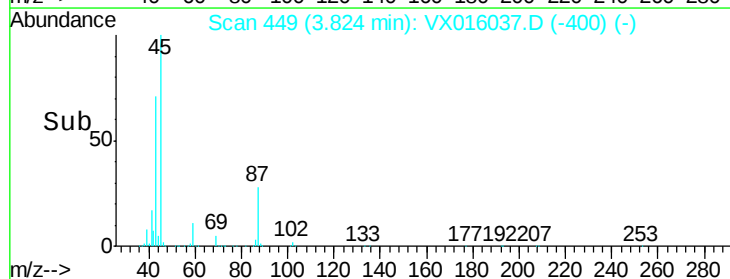
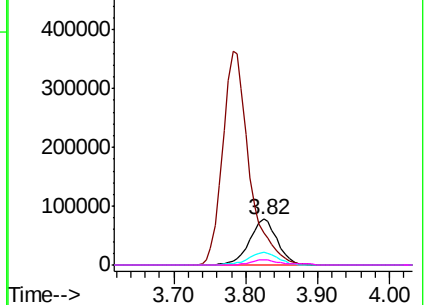


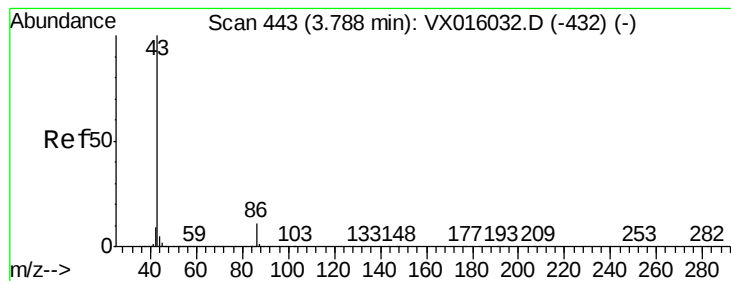
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 91.445 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

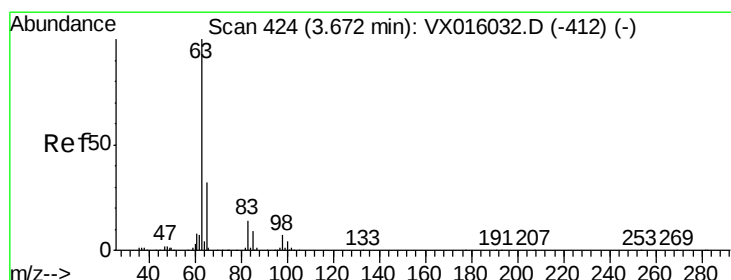
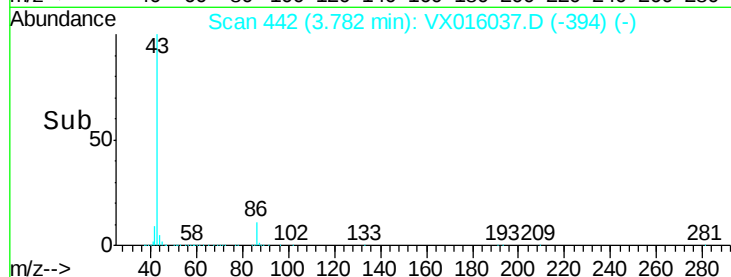
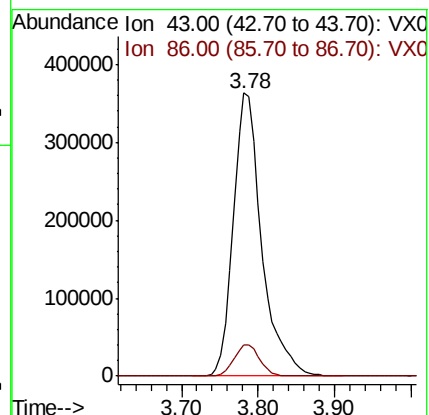
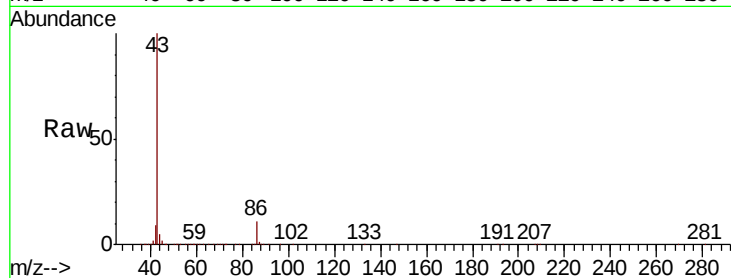
VX0504WBS01

Tot Ion: 43 Resp: 932659

Ion Ratio Lower Upper

43 100

86 11.0 9.0 13.4



#24

1,1-Dichloroethane

Concen: 18.097 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

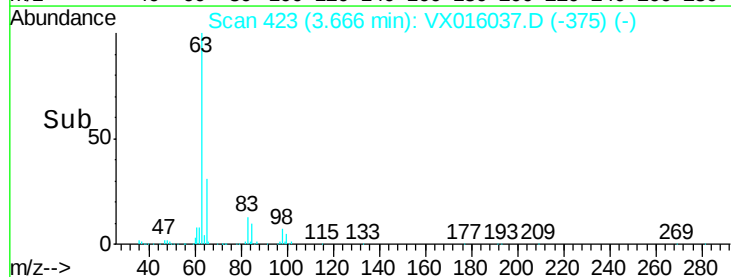
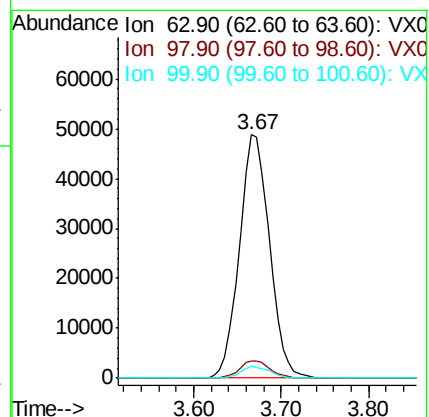
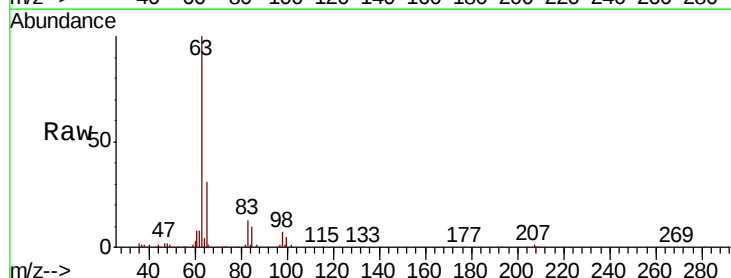
Tgt Ion: 63 Resp: 117356

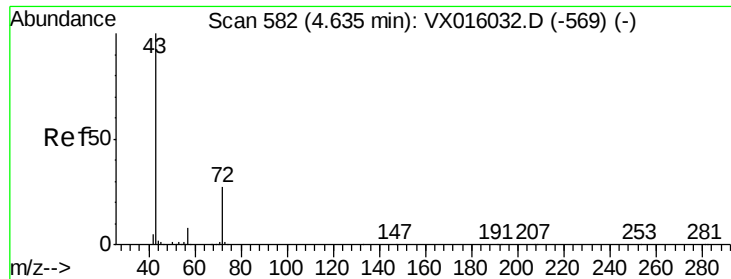
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.7 2.1 6.5

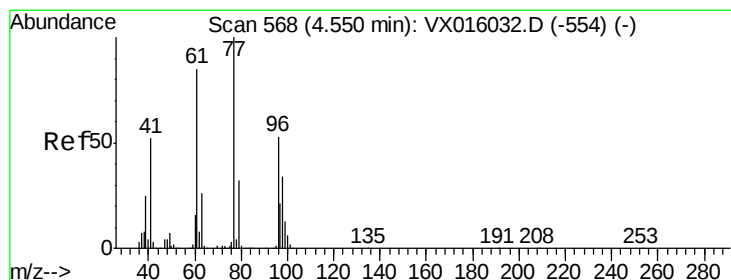
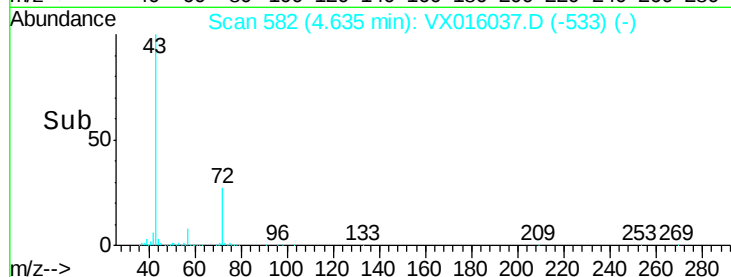
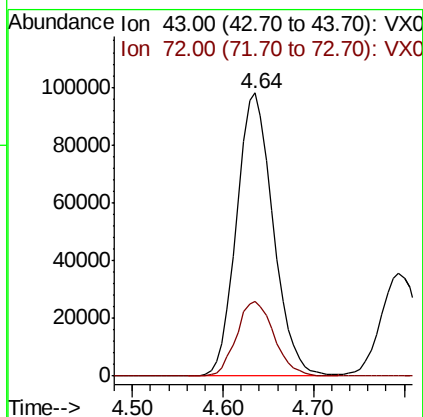
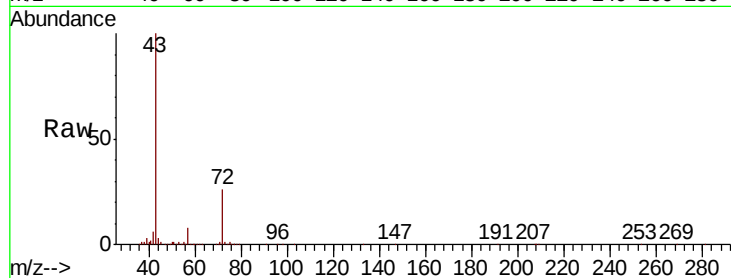




#25
2-Butanone
Concen: 89.594 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

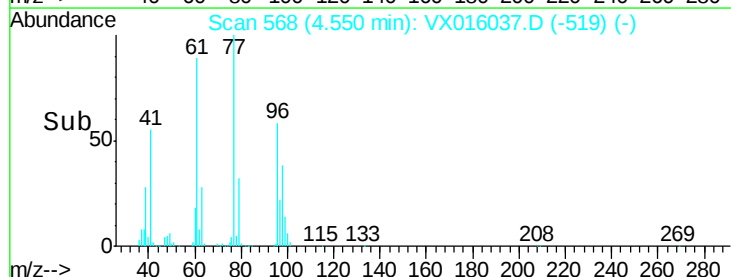
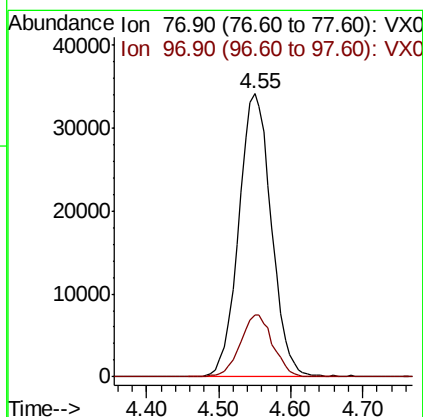
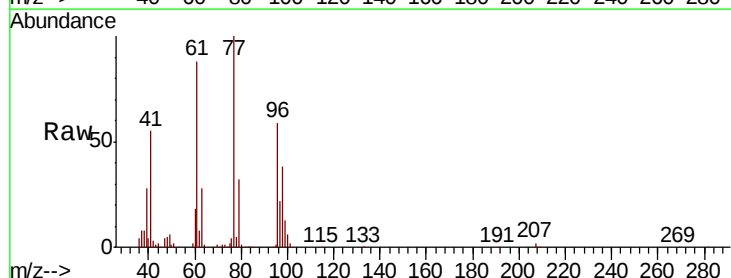
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

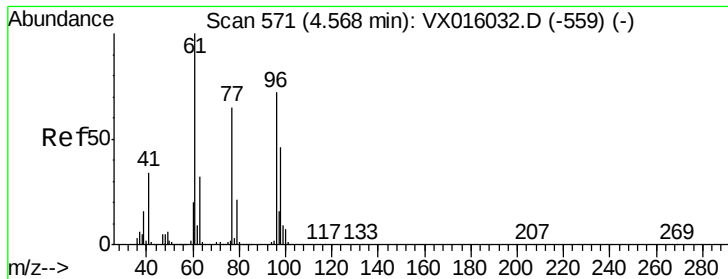
Tot Ion: 43 Resp: 273287
Ion Ratio Lower Upper
43 100
72 26.2 21.8 32.8



#26
2,2-Dichloropropane
Concen: 18.093 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion: 77 Resp: 107154
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6



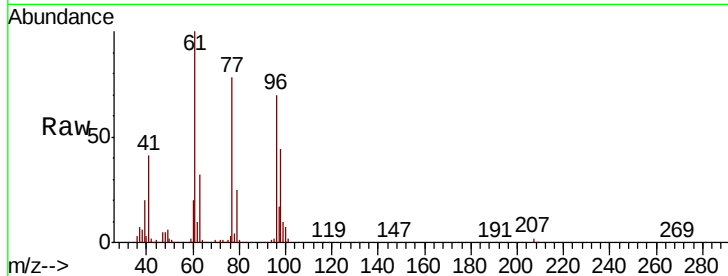


#27

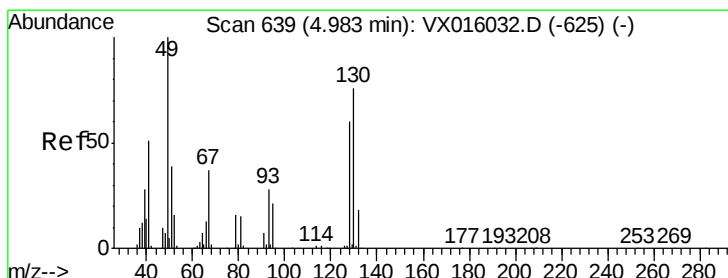
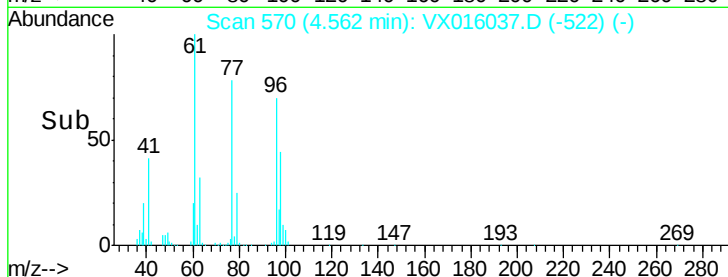
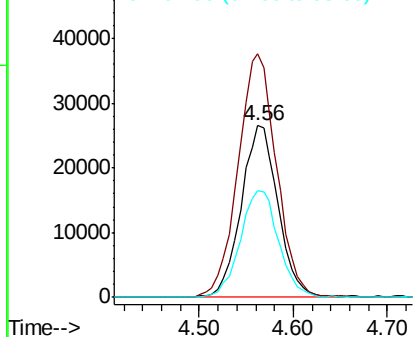
cis-1,2-Dichloroethene
Concen: 17.786 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion: 96 Resp: 72619
Ion Ratio Lower Upper
96 100
61 148.1 0.0 296.2
98 64.5 0.0 129.4



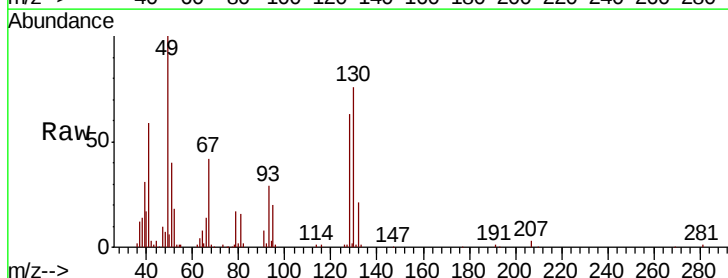
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



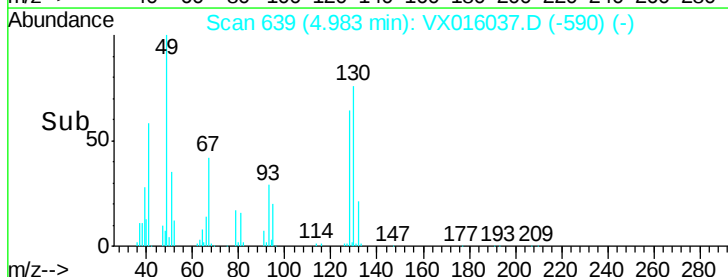
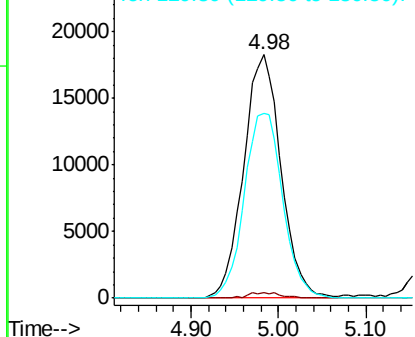
#28

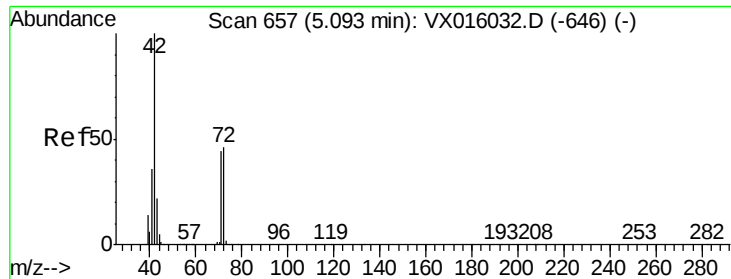
Bromochloromethane
Concen: 18.420 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion: 49 Resp: 54468
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 78.2 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: 88.897 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

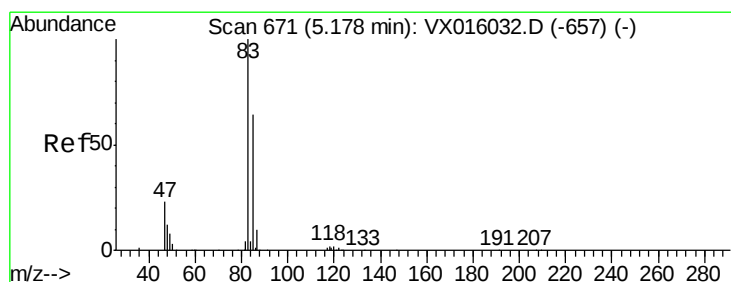
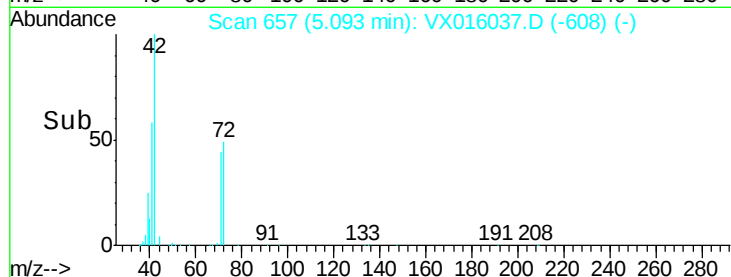
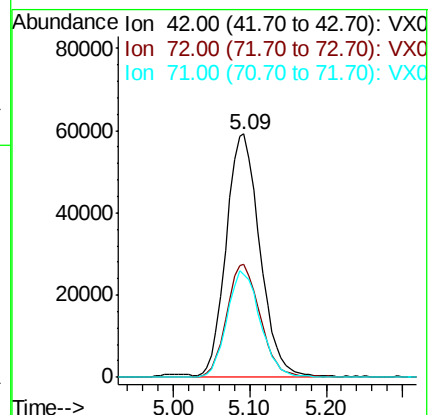
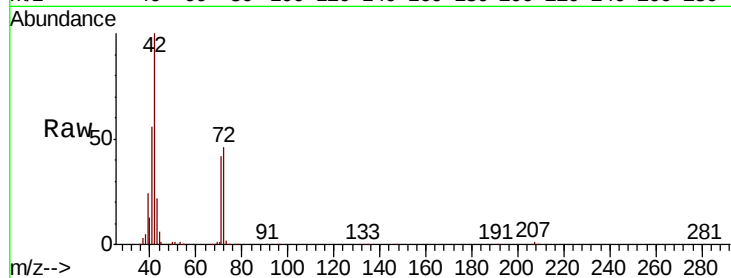
Tot Ion: 42 Resp: 179672

Ion Ratio Lower Upper

42 100

72 46.8 37.1 55.7

71 43.6 34.5 51.7



#30

Chloroform

Concen: 18.216 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016037.D

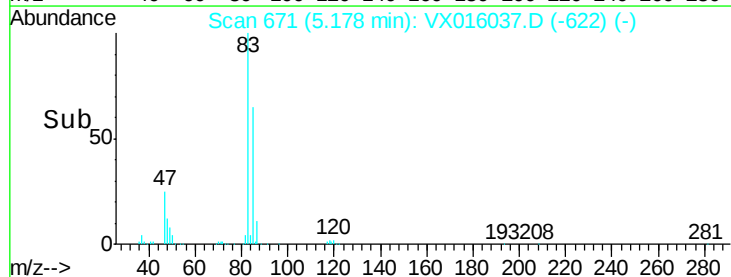
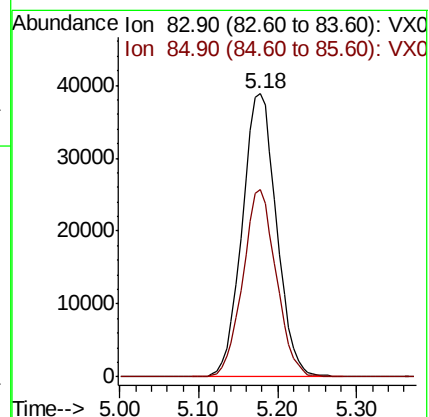
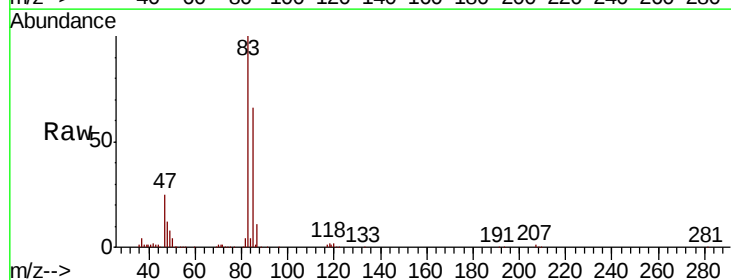
Acq: 04 May 2020 15:48

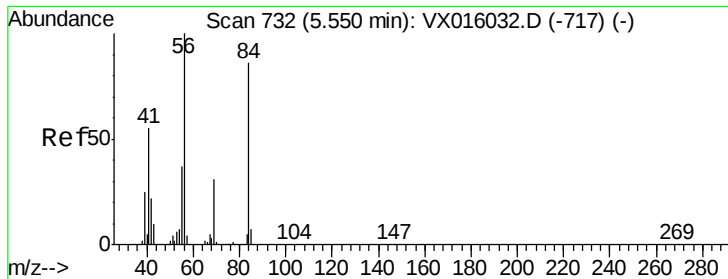
Tgt Ion: 83 Resp: 117616

Ion Ratio Lower Upper

83 100

85 66.4 51.6 77.4

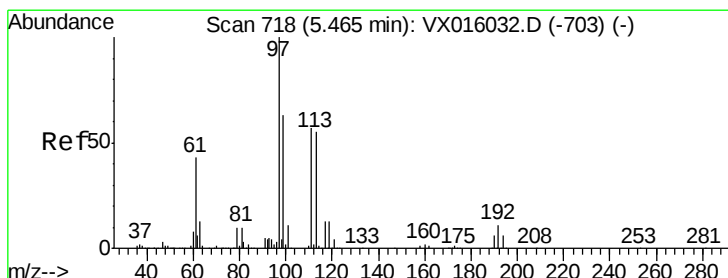
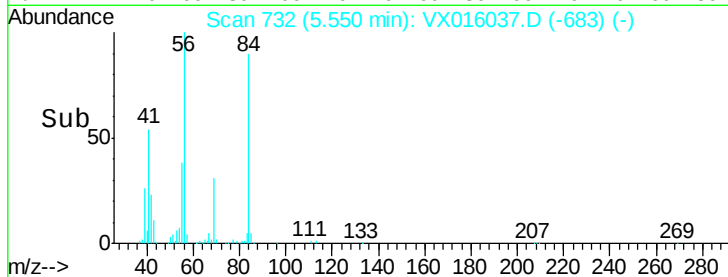
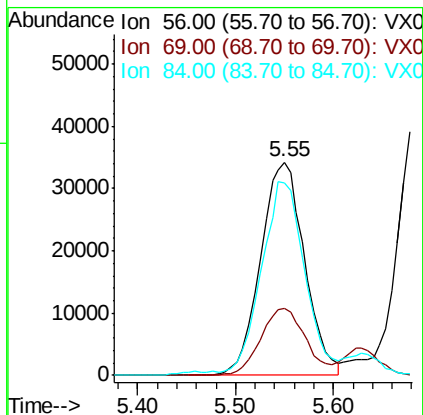
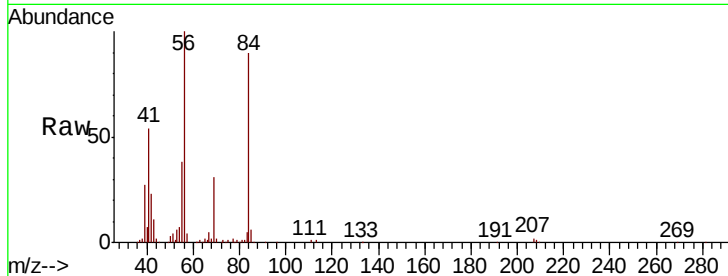




#31
Cyclohexane
Concen: 18.163 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

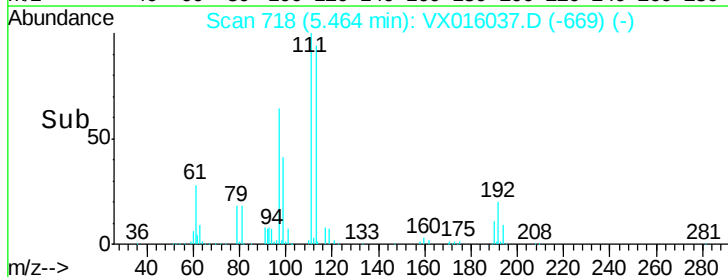
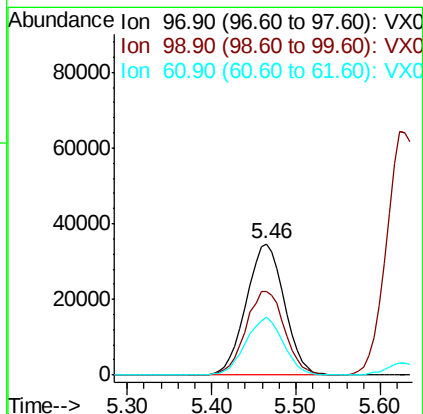
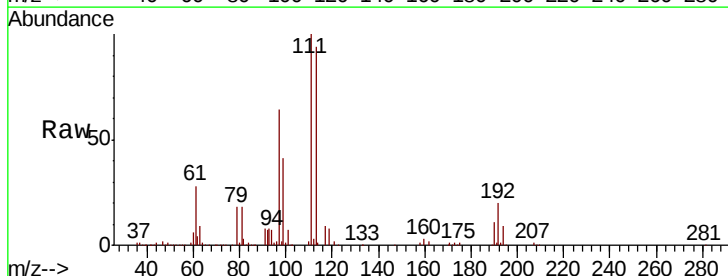
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

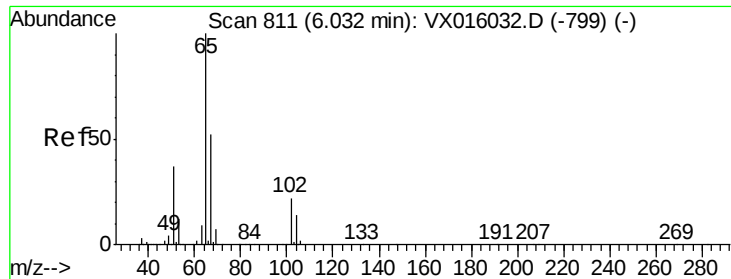
Tot Ion: 56 Resp: 107047
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.6
84 88.7 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.209 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion: 97 Resp: 106874
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 43.6 34.5 51.7

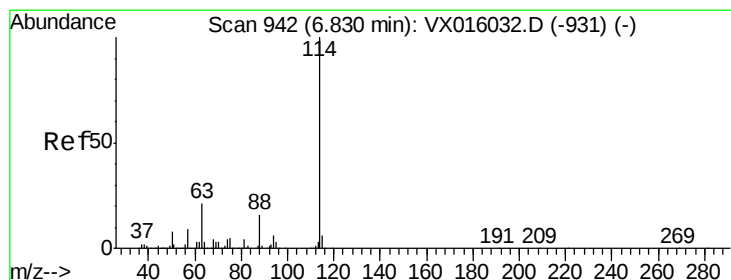
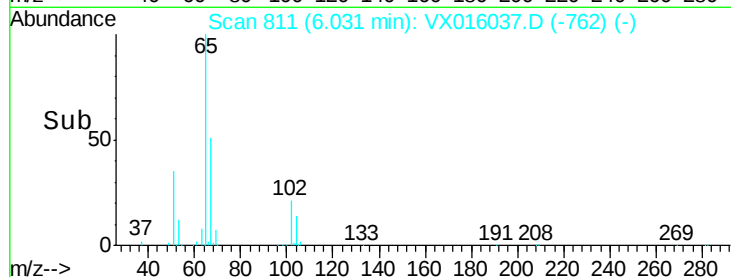
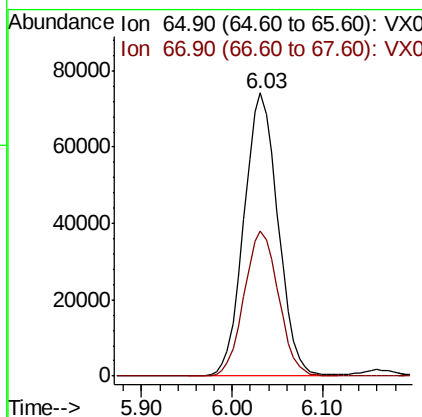
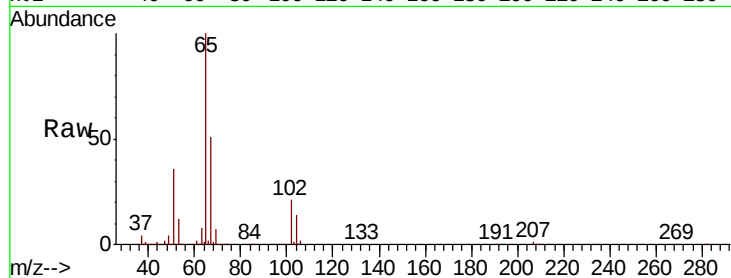




#33
 1,2-Dichloroethane-d4
 Concen: 45.533 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

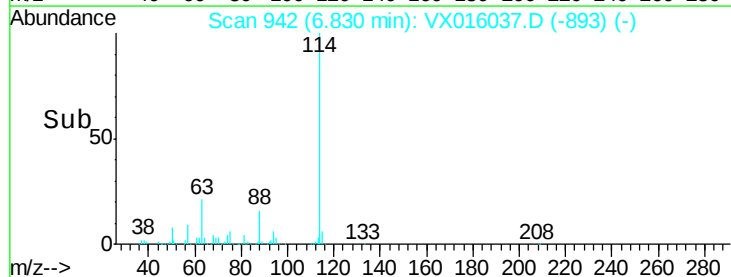
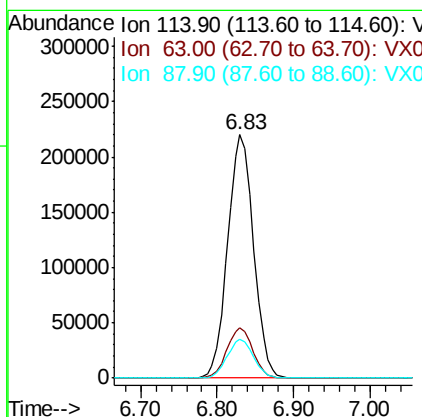
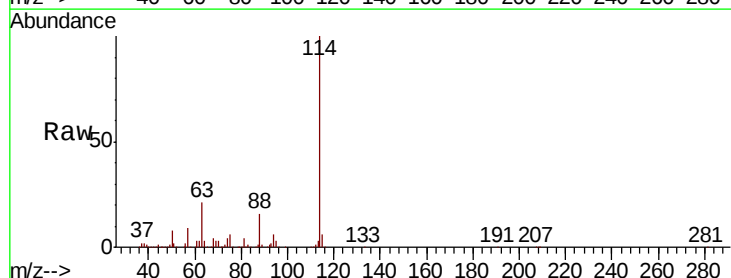
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

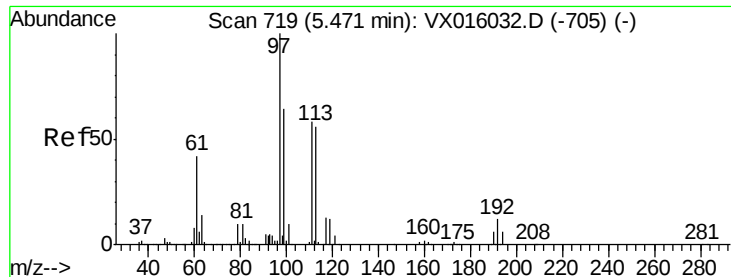
Tot Ion: 65 Resp: 193172
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion: 114 Resp: 513704
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 15.8 0.0 31.4

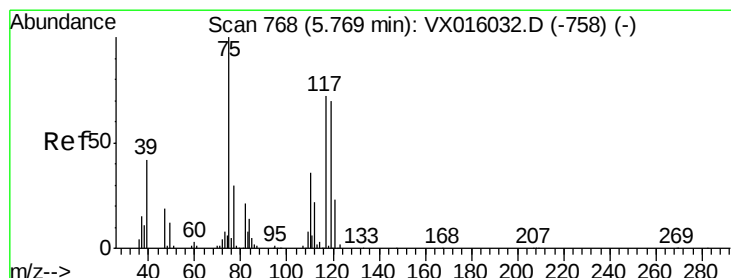
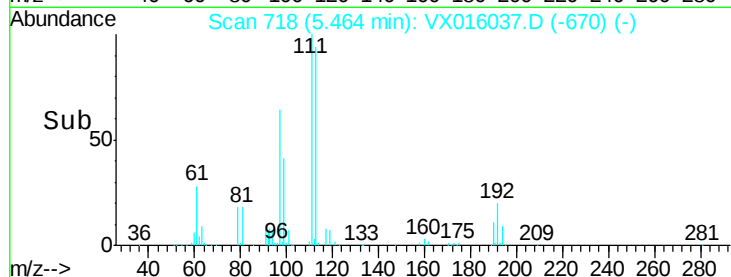
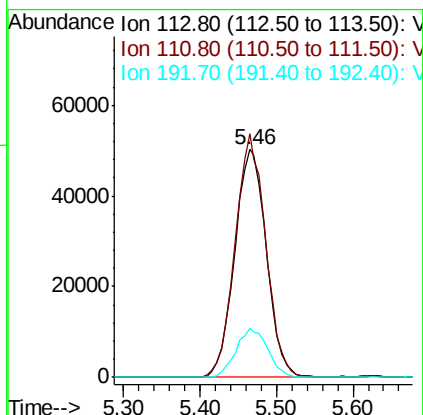
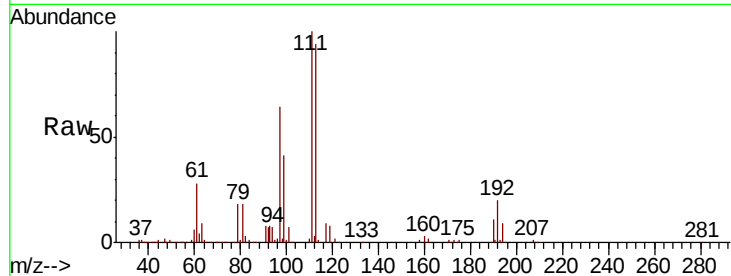




#35
 Dibromofluoromethane
 Concen: 44.392 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

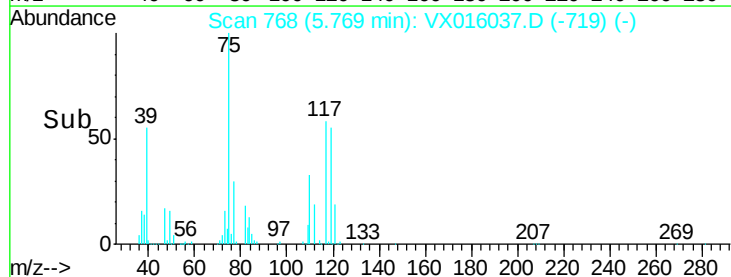
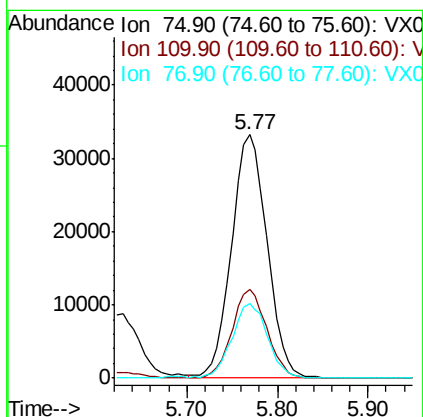
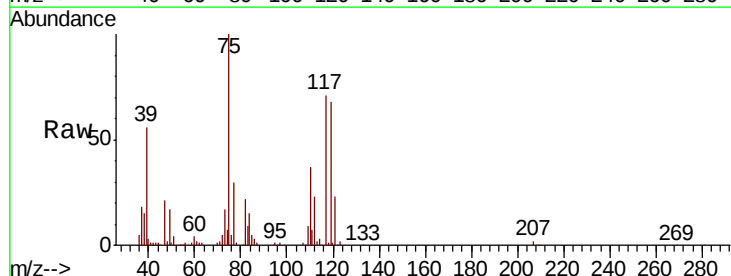
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

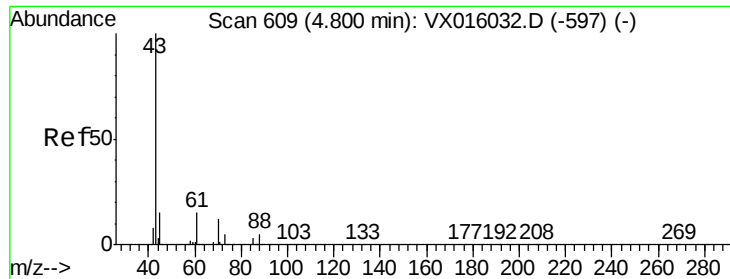
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.6	122.4
192	21.6	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 17.789 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.1	54.1
77	30.9	25.0	37.6

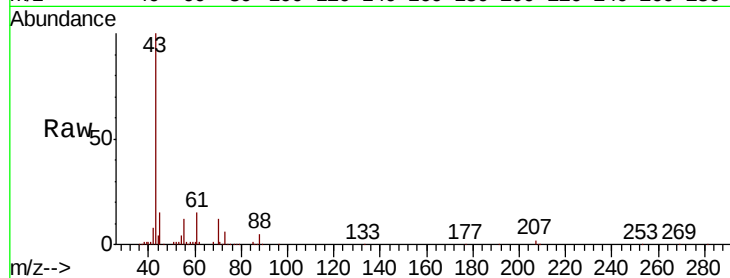




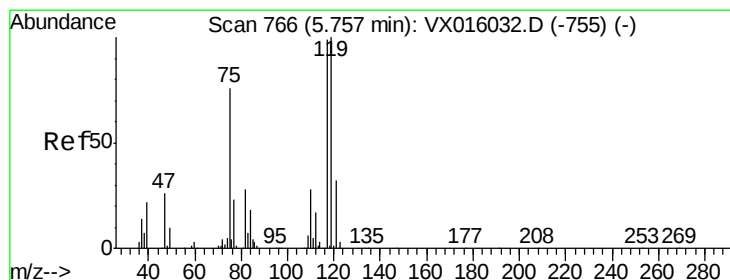
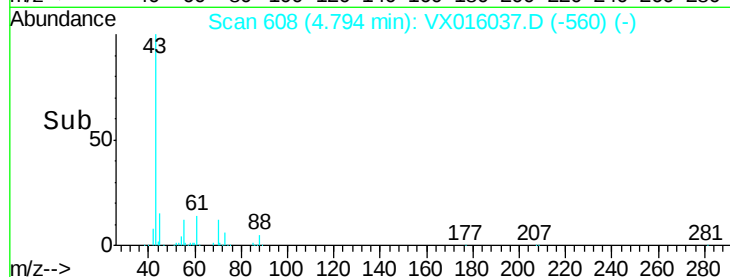
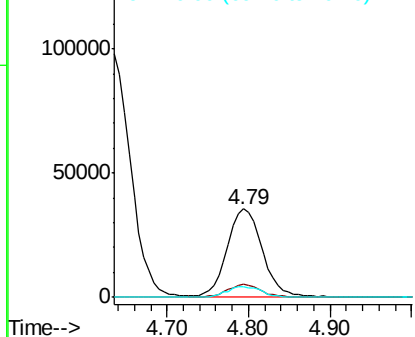
#37
Ethyl Acetate
Concen: 17.960 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion: 43 Resp: 105263
Ion Ratio Lower Upper
43 100
61 14.0 11.7 17.5
70 12.0 9.3 13.9

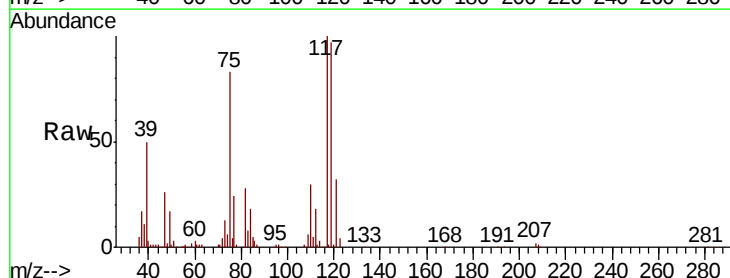


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

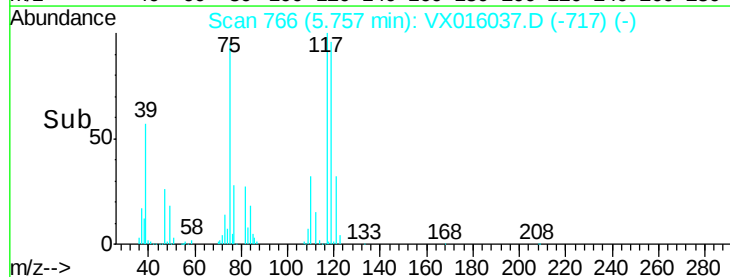
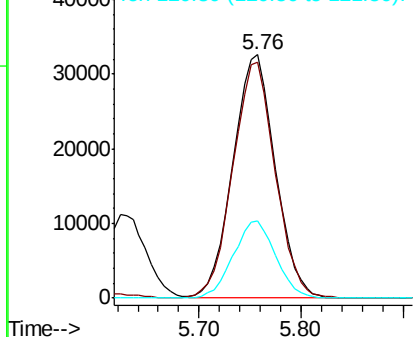


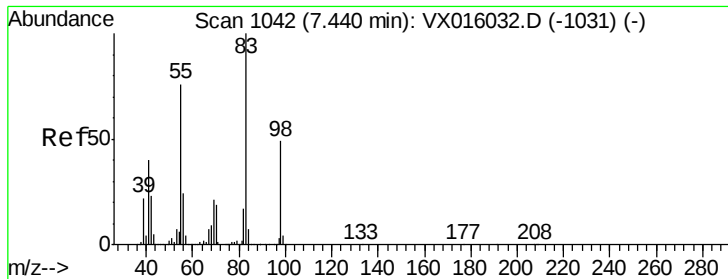
#38
Carbon Tetrachloride
Concen: 18.234 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion: 117 Resp: 93721
Ion Ratio Lower Upper
117 100
119 96.9 80.3 120.5
121 32.0 25.7 38.5



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

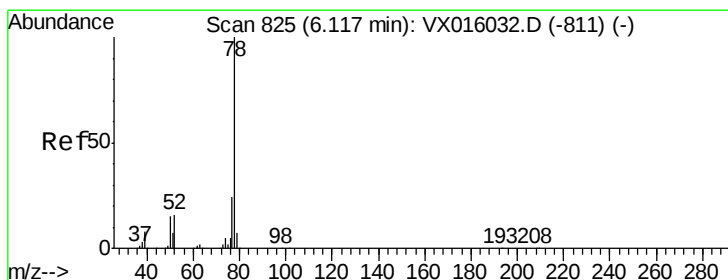
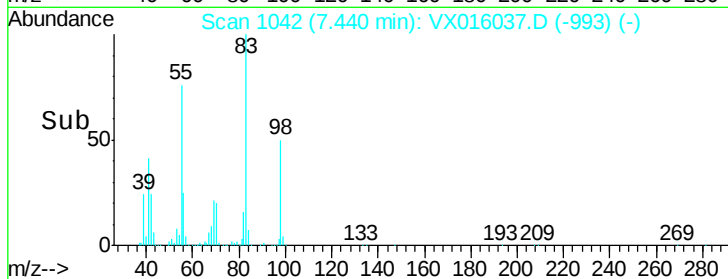
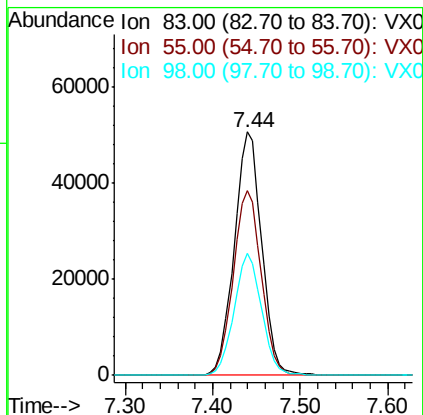
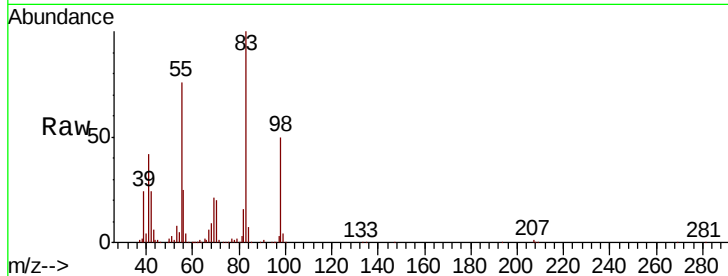




#39
Methvlcvclohexane
Concen: 18.097 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

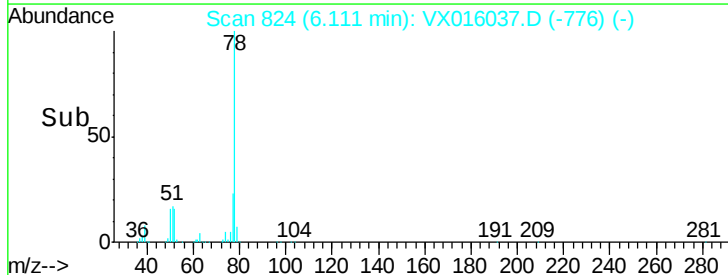
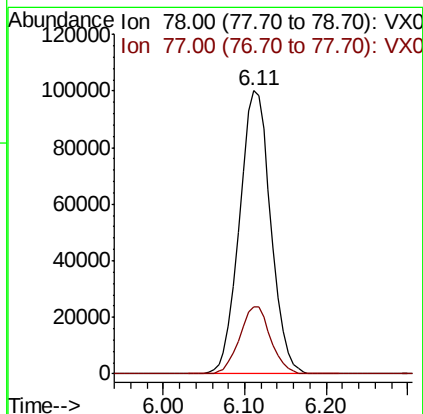
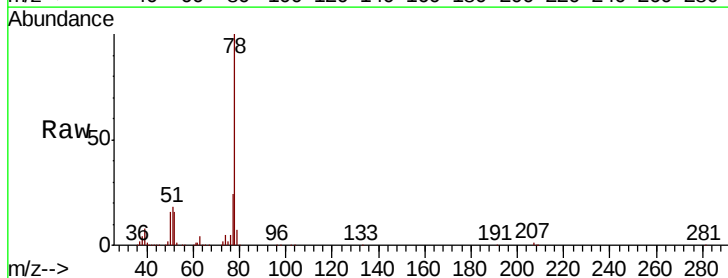
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

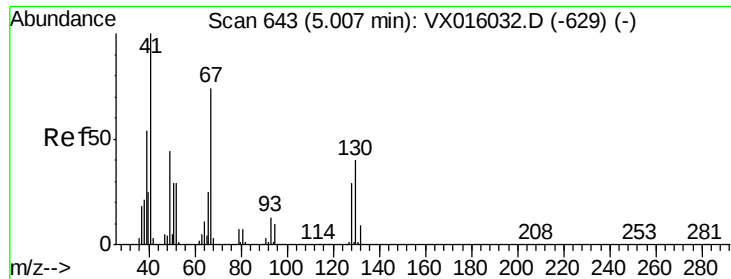
Tot Ion: 83 Resp: 110206
Ion Ratio Lower Upper
83 100
55 76.1 61.1 91.7
98 50.4 39.0 58.4



#40
Benzene
Concen: 17.987 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion: 78 Resp: 266127
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

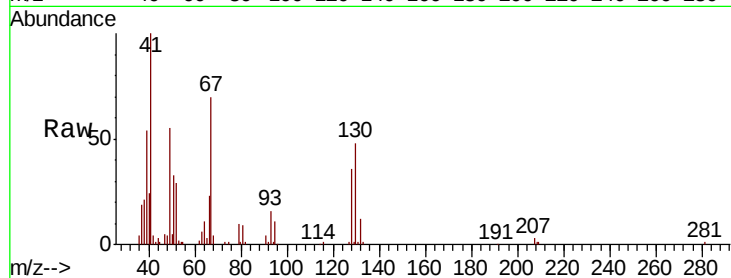




#41
Methacrylonitrile
Concen: 17.634 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion:	41	Resp:	55813
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.2	64.8
67	74.1	59.3	88.9
52	29.6	23.5	35.3



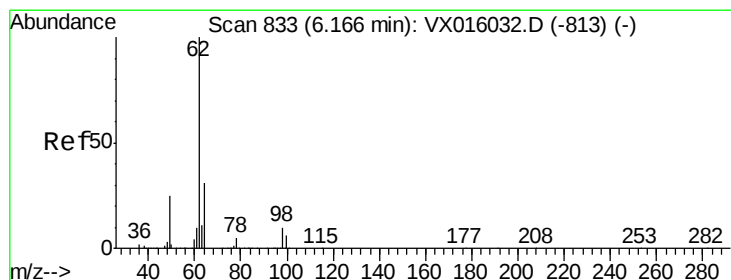
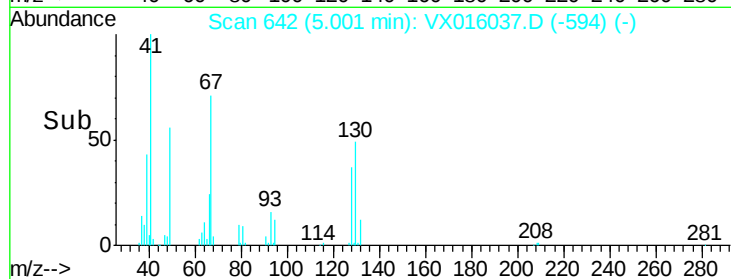
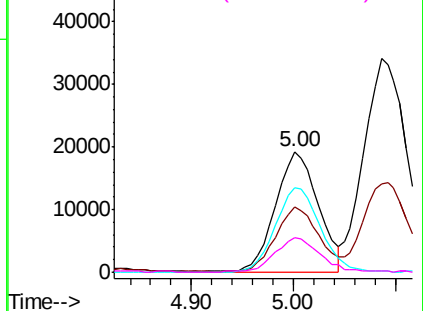
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

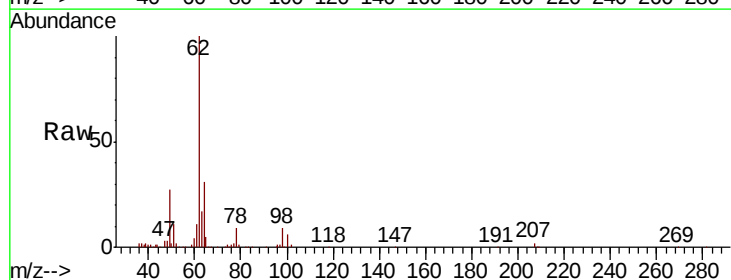
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 18.322 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

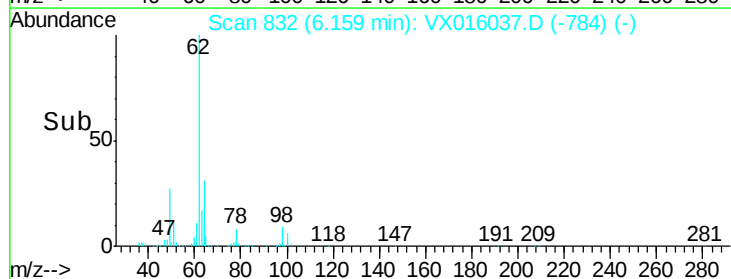
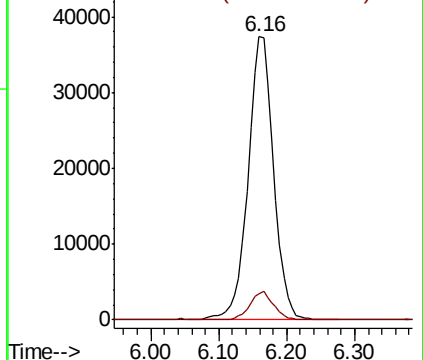
Tgt Ion:	62	Resp:	97656
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4

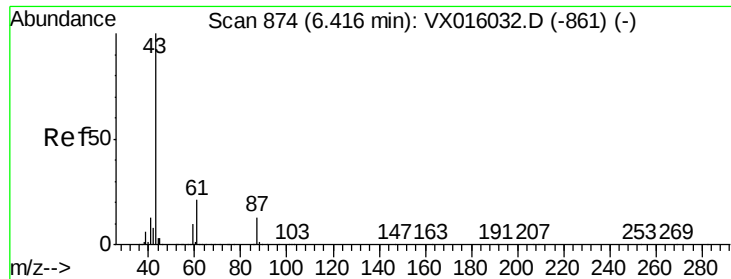


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



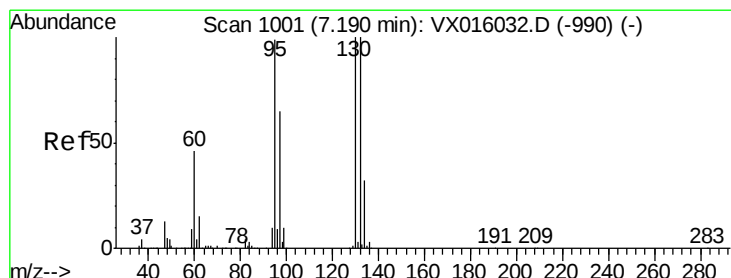
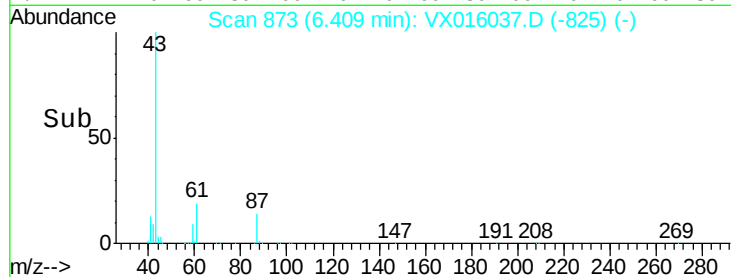
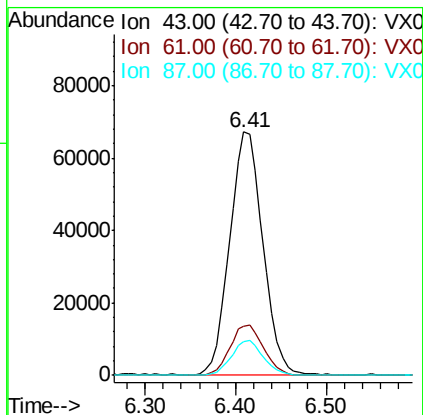
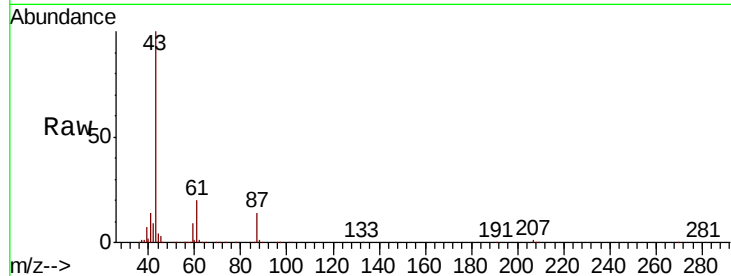


#43

Isopropyl Acetate
 Concen: 18.136 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

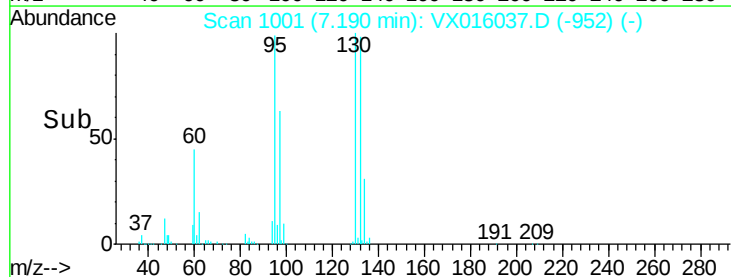
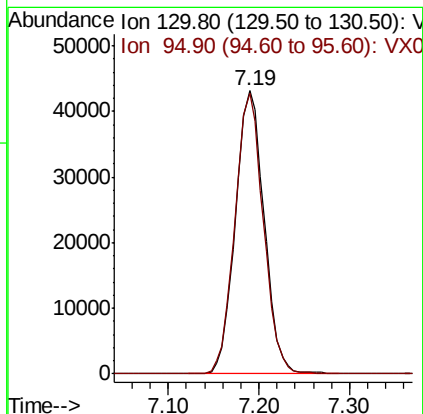
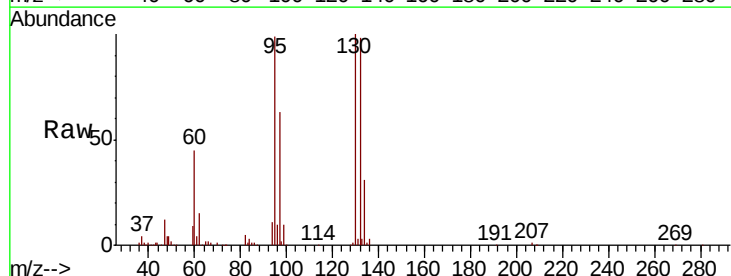
Tot Ion	43	Resp	169596
Ion Ratio	Lower	Upper	
43	100		
61	21.1	17.0	25.4
87	13.9	11.0	16.6

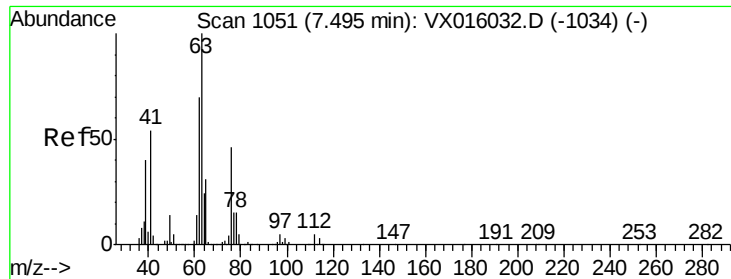


#44

Trichloroethene
 Concen: 18.083 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion	130	Resp	95053
Ion Ratio	Lower	Upper	
130	100		
95	99.3	0.0	197.4





#45

1,2-Dichloropropane

Concen: 18.119 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

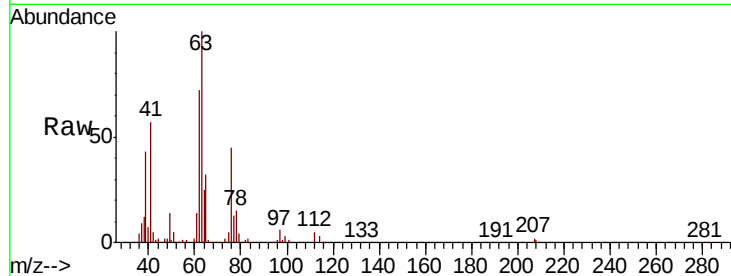
VX0504WBS01

Tot Ion: 63 Resp: 67835

Ion Ratio Lower Upper

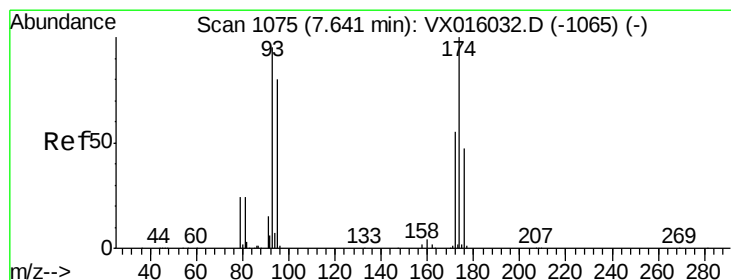
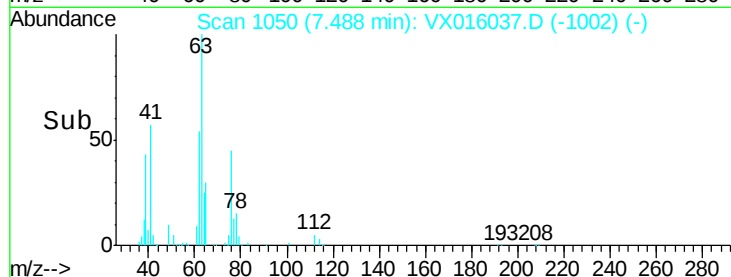
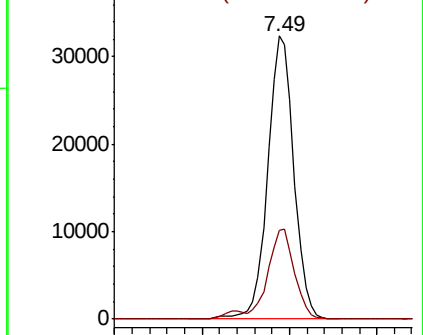
63 100

65 31.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.878 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

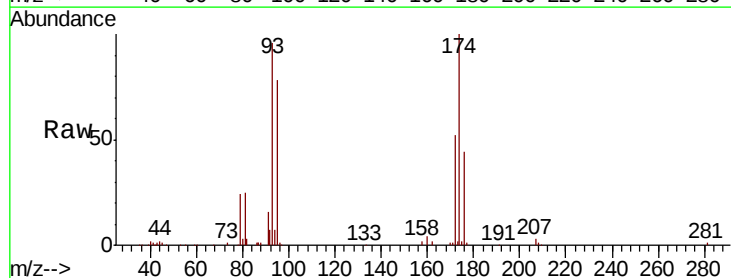
Tgt Ion: 93 Resp: 45485

Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

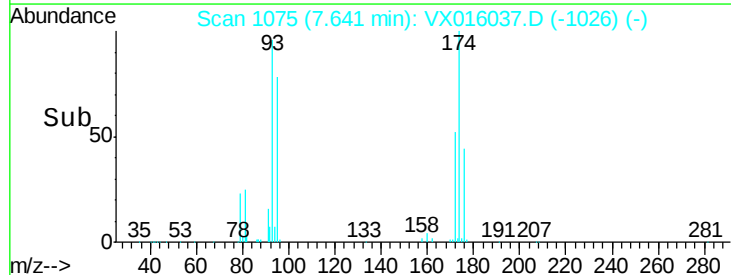
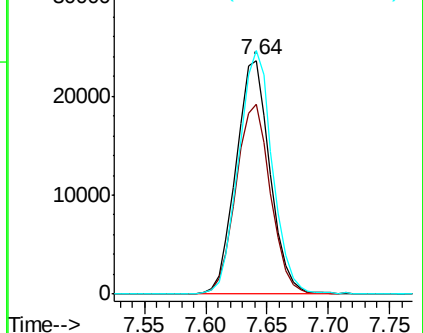
174 103.9 84.2 126.4

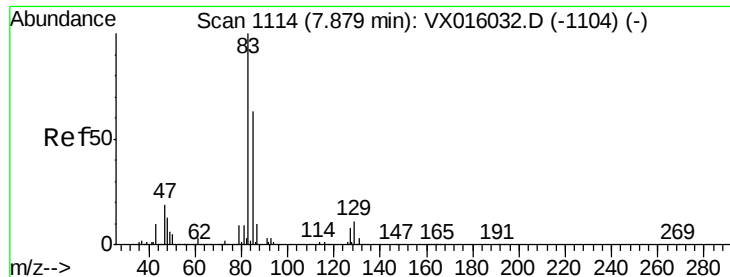


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.837 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

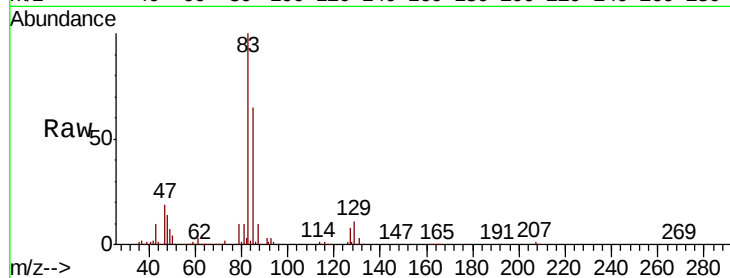
Tot Ion: 83 Resp: 92425

Ion Ratio Lower Upper

83 100

85 64.8 50.5 75.7

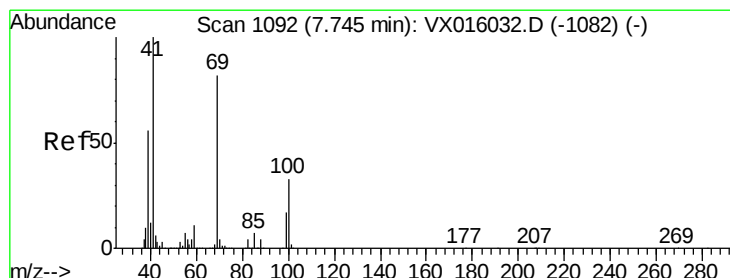
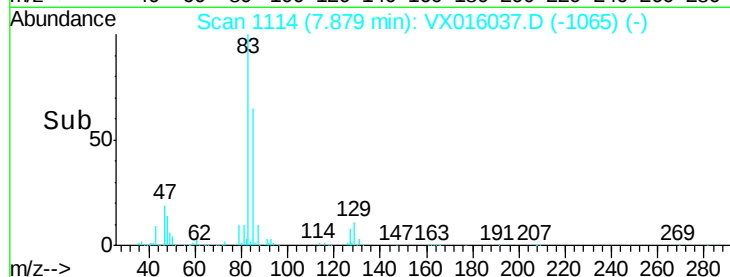
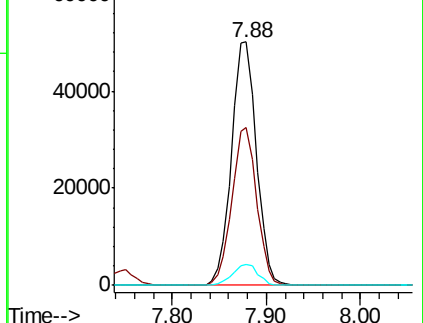
127 8.5 6.7 10.1



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: 17.898 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

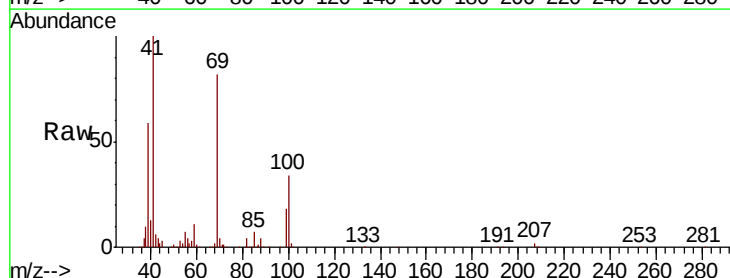
Tgt Ion: 41 Resp: 79306

Ion Ratio Lower Upper

41 100

69 83.1 67.8 101.6

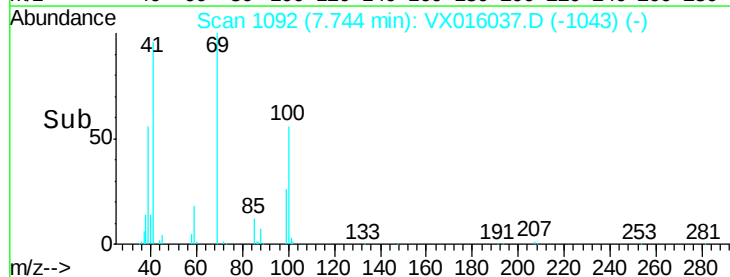
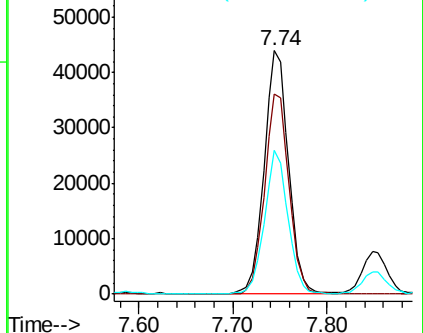
39 56.7 44.6 67.0

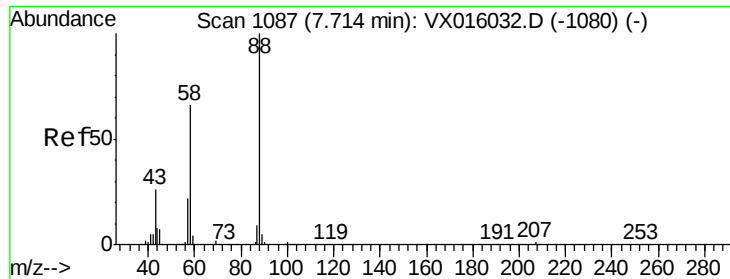


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 353.643 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

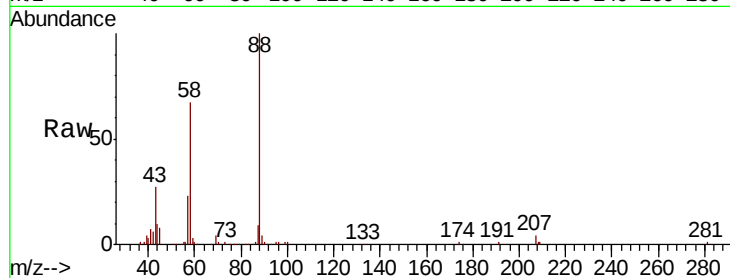
Tot Ion: 88 Resp: 37582

Ion Ratio Lower Upper

88 100

43 32.0 25.3 37.9

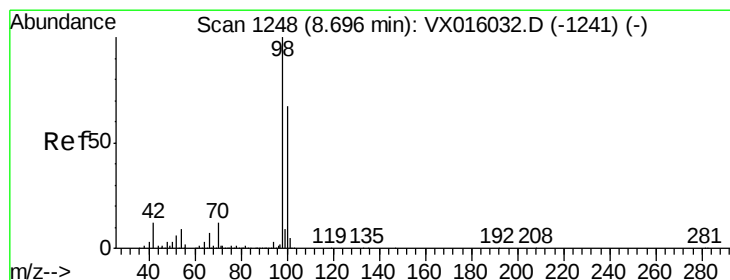
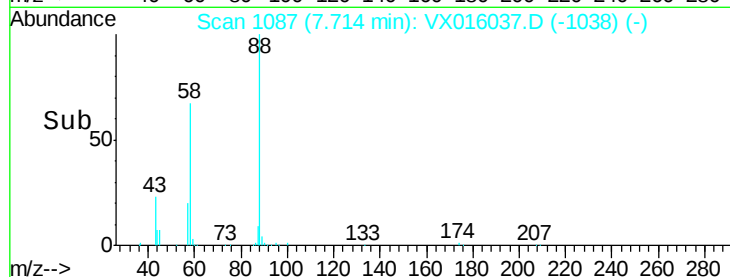
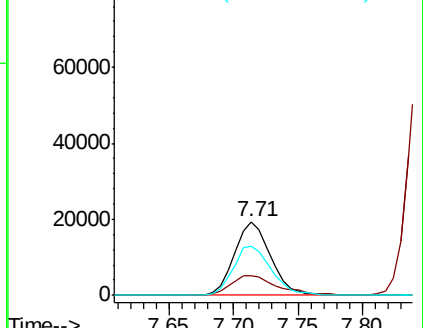
58 70.9 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.115 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016037.D

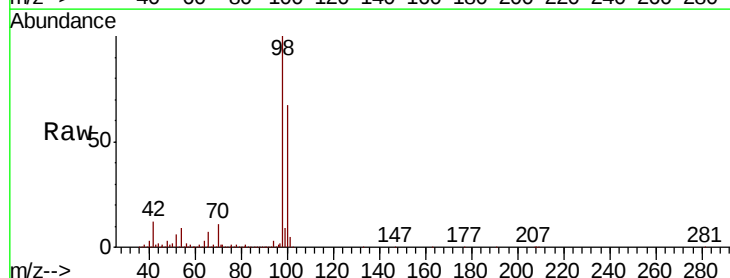
Acq: 04 May 2020 15:48

Tgt Ion: 98 Resp: 578277

Ion Ratio Lower Upper

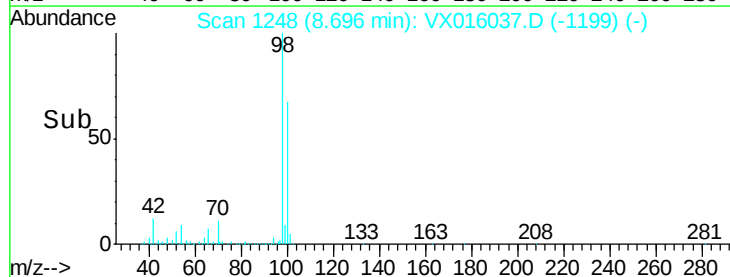
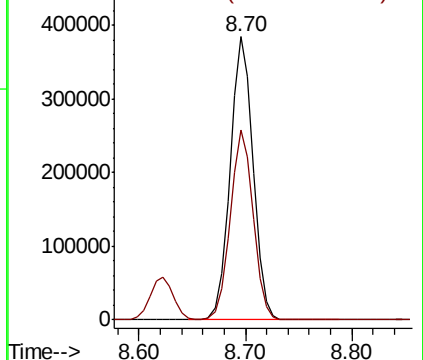
98 100

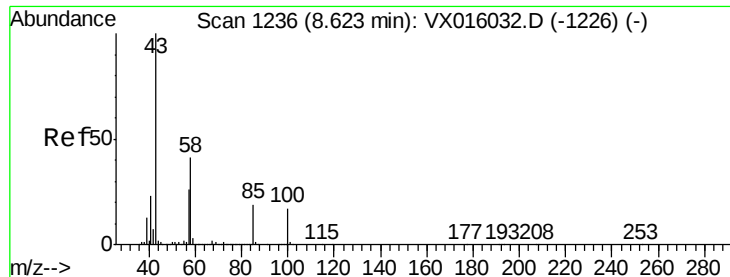
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

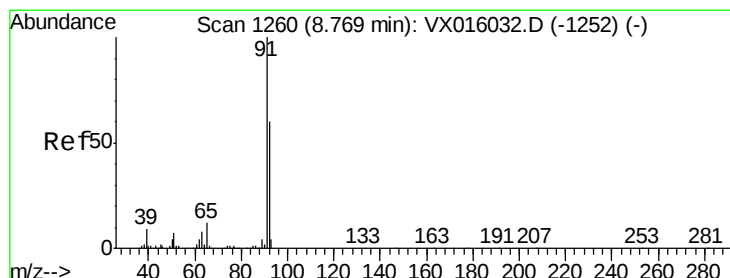
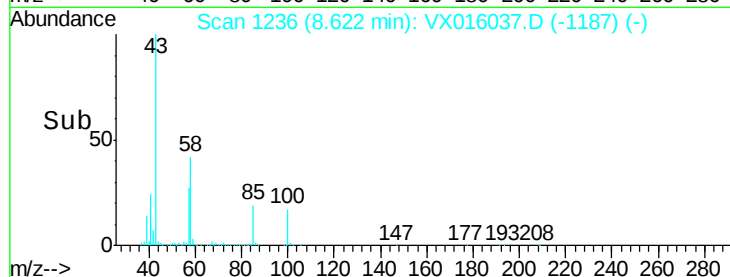
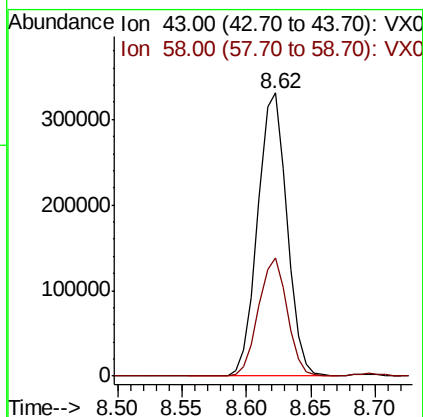
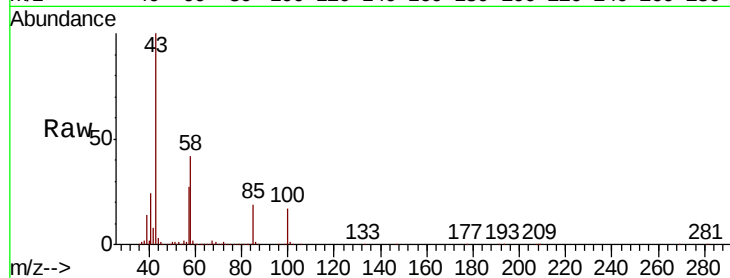




#51
4-Methyl-2-Pentanone
Concen: 90.572 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

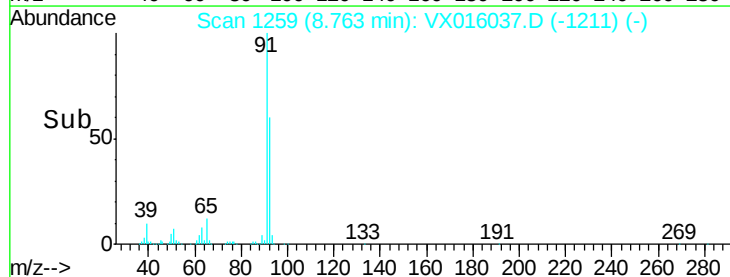
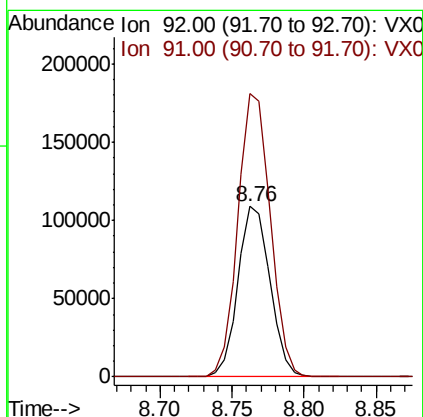
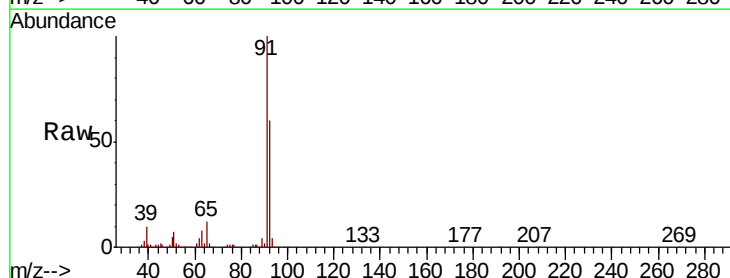
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

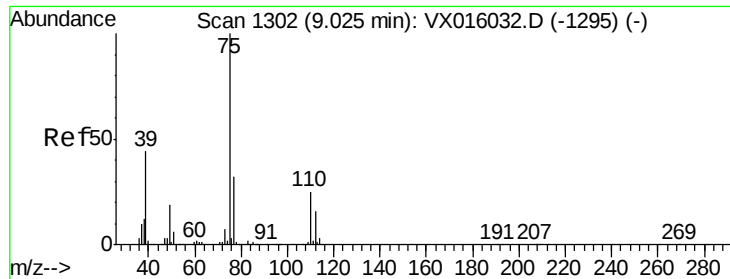
Tot Ion: 43 Resp: 518286
Ion Ratio Lower Upper
43 100
58 41.1 33.0 49.4



#52
Toluene
Concen: 18.379 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion: 92 Resp: 169495
Ion Ratio Lower Upper
92 100
91 167.5 134.5 201.7

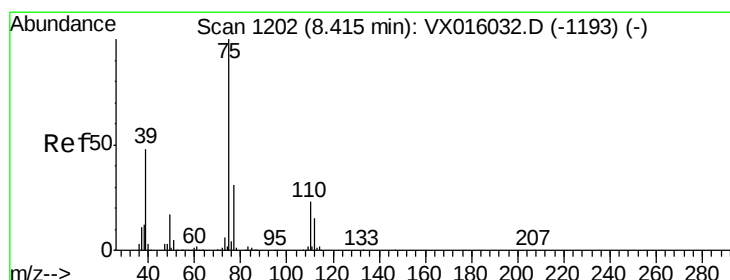
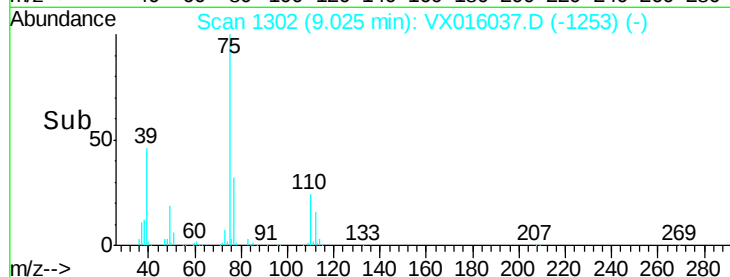
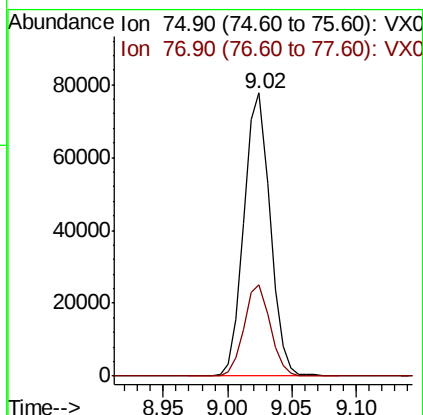
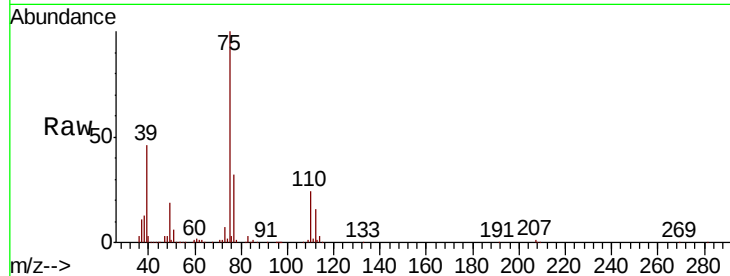




#53
 t-1,3-Dichloropropene
 Concen: 17.701 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

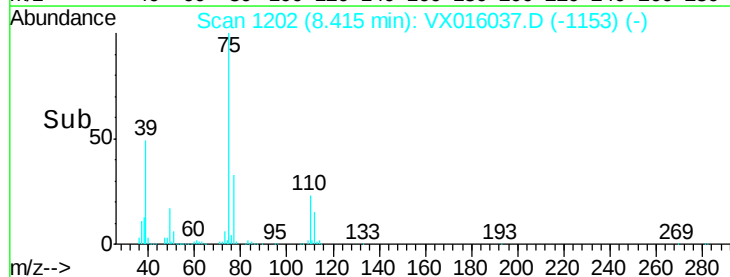
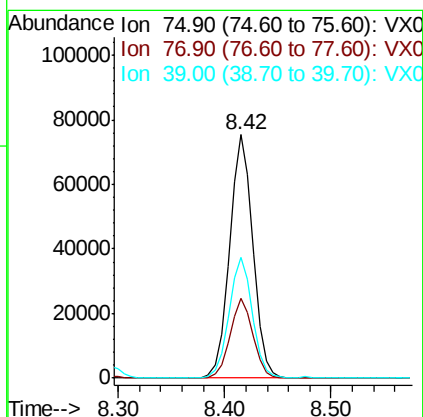
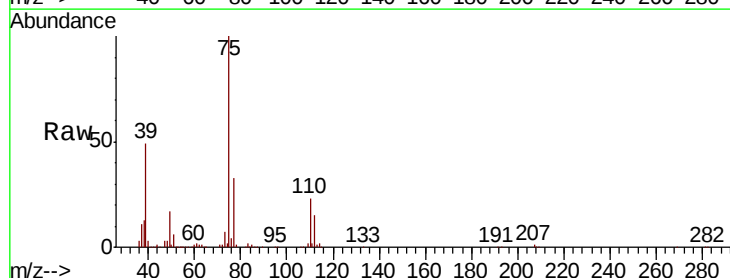
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

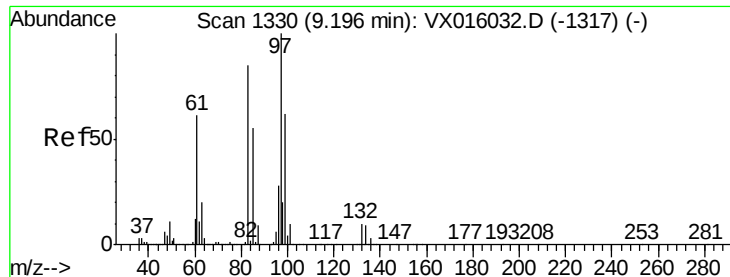
Tot Ion: 75 Resp: 109360
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 17.877 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion: 75 Resp: 115363
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.7 37.1
 39 49.2 38.7 58.1

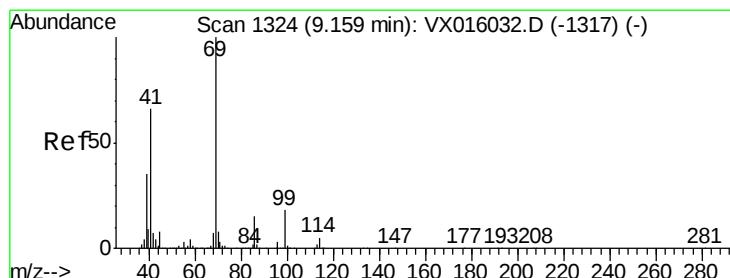
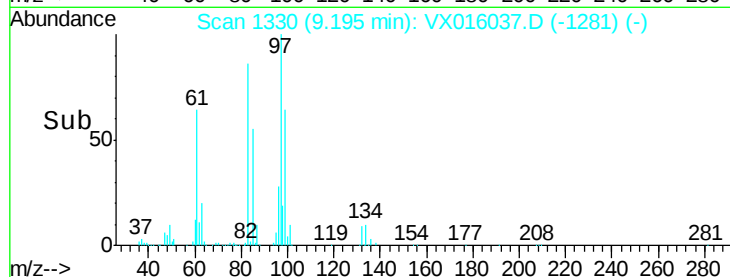
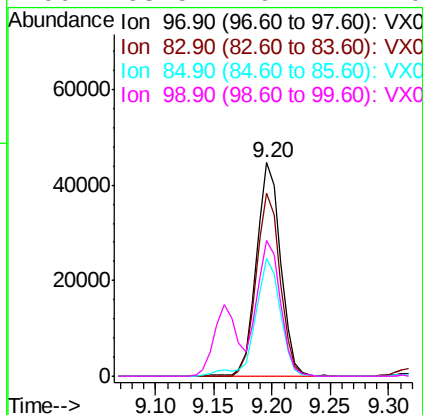
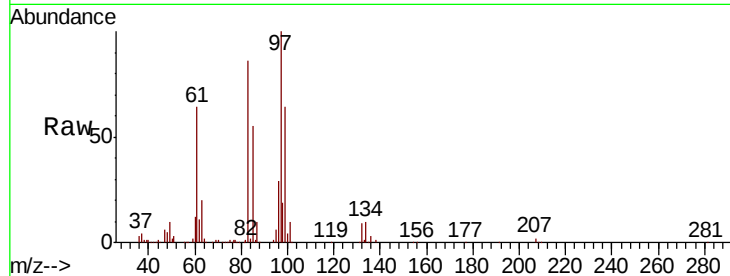




#55
 1,1,2-Trichloroethane
 Concen: 18.001 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

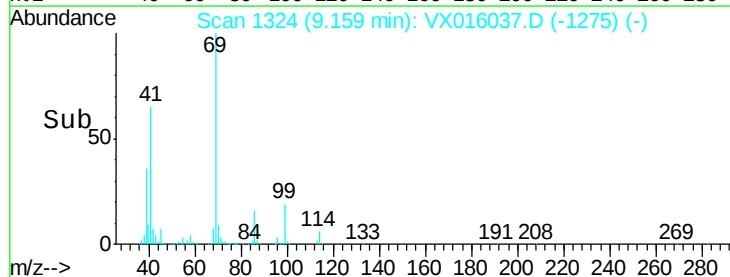
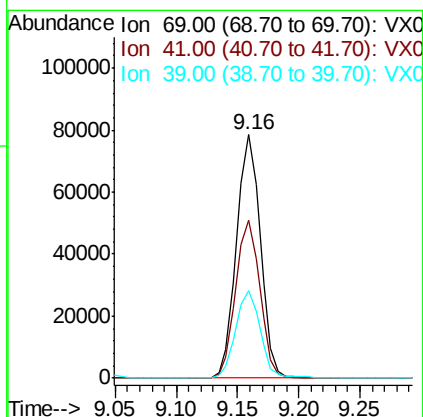
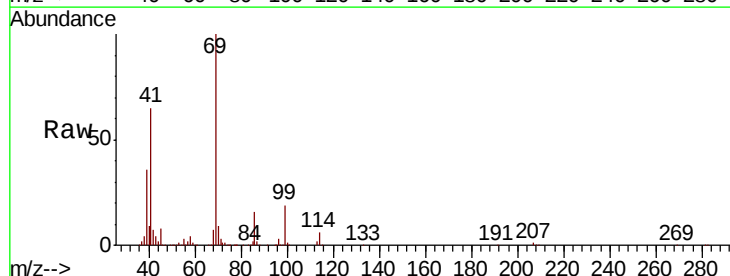
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

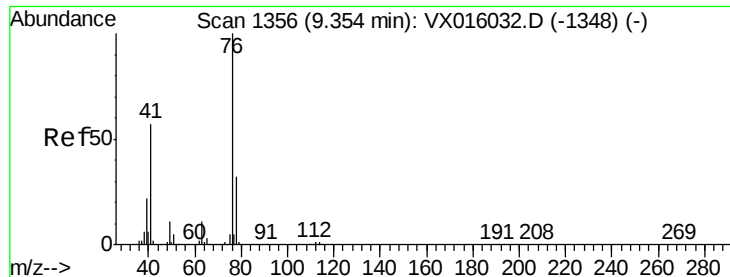
Tot Ion:	97	Resp:	65316
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.8	101.8
85	55.2	43.8	65.8
99	63.5	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 17.916 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion:	69	Resp:	106114
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.2	78.4
39	36.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 17.960 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

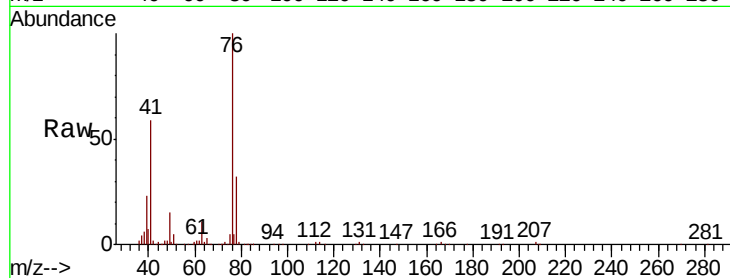
VX0504WBS01

Tot Ion: 76 Resp: 113709

Ion Ratio Lower Upper

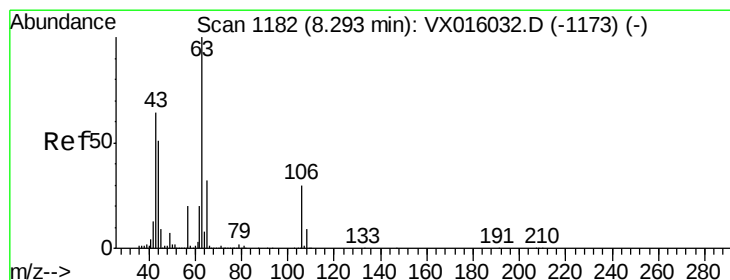
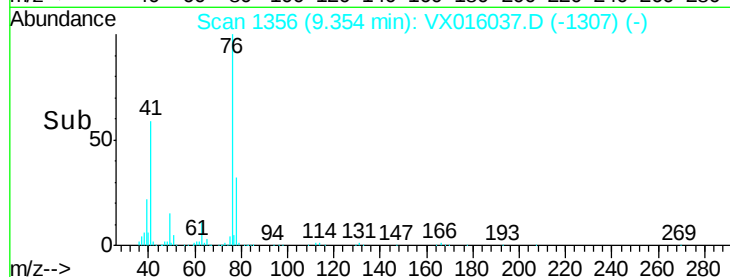
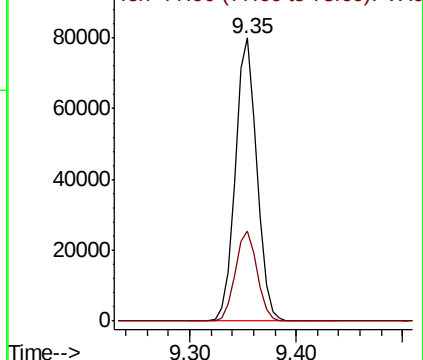
76 100

78 32.5 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: 91.056 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016037.D

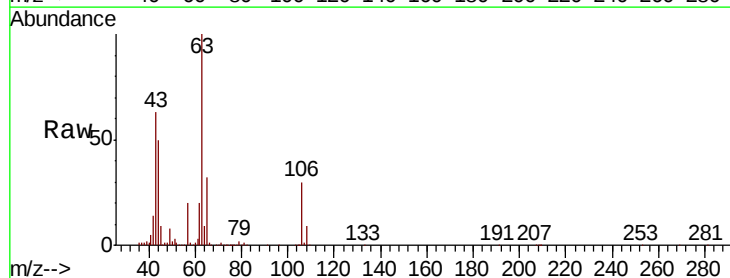
Acq: 04 May 2020 15:48

Tgt Ion: 63 Resp: 287110

Ion Ratio Lower Upper

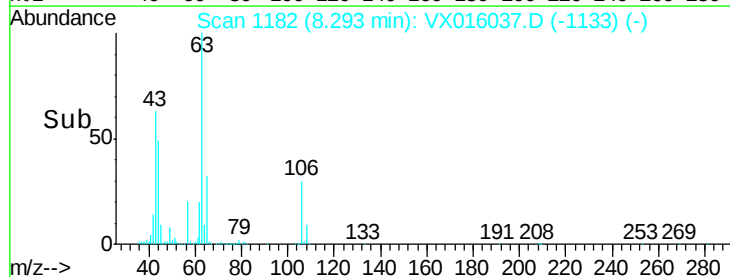
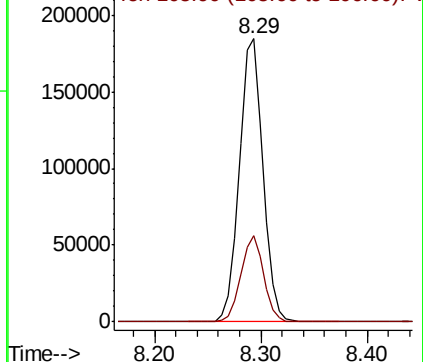
63 100

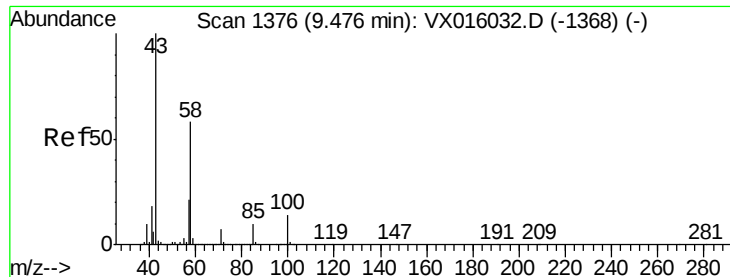
106 29.4 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

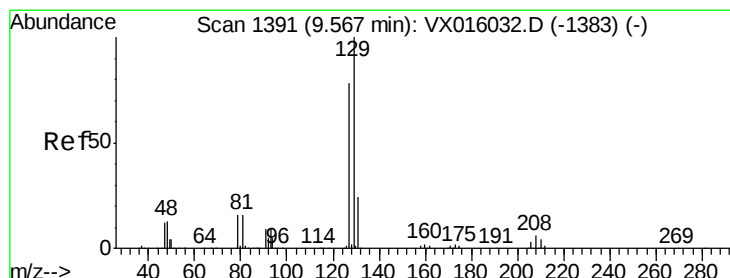
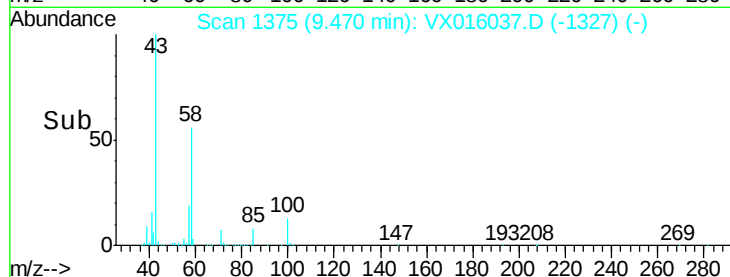
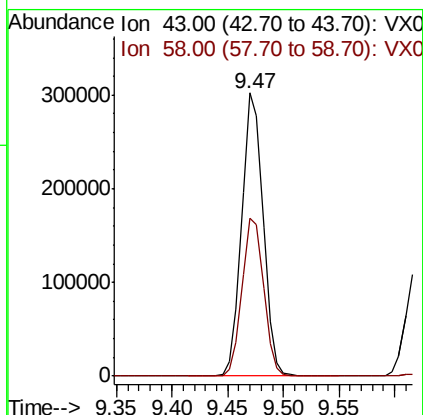
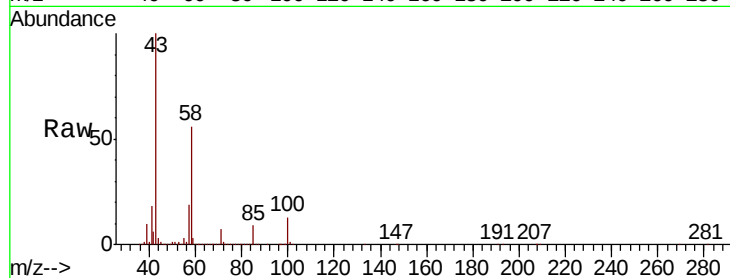




#59
2-Hexanone
Concen: 89.864 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

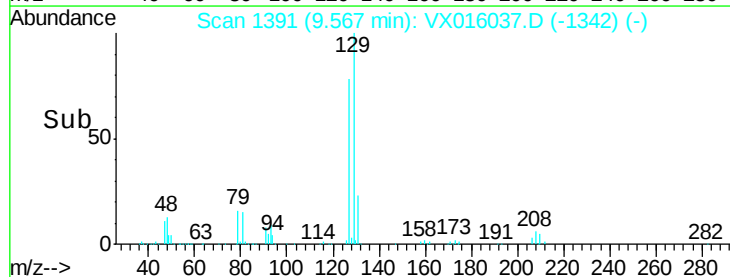
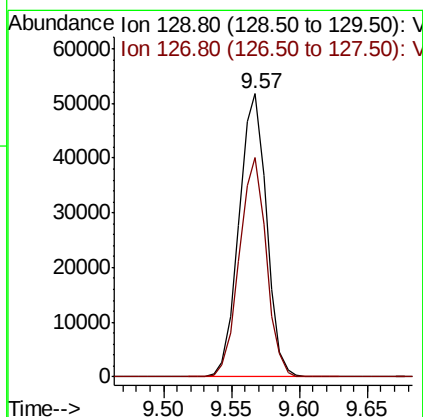
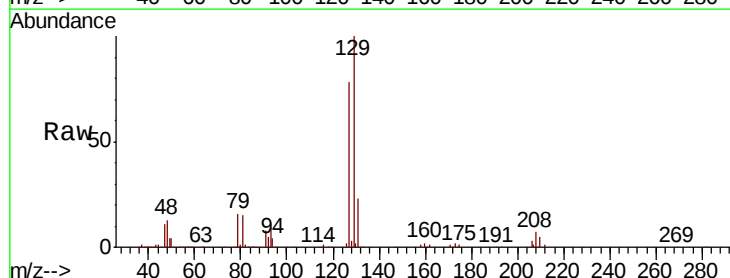
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

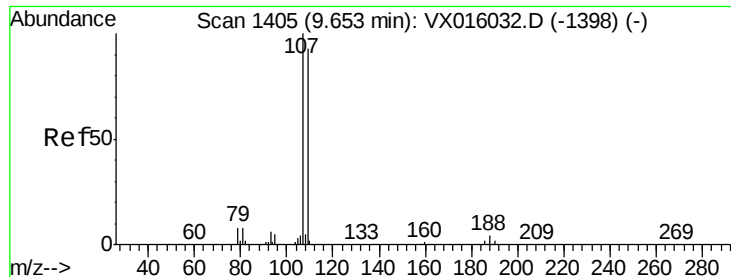
Tot Ion: 43 Resp: 403844
Ion Ratio Lower Upper
43 100
58 56.8 28.6 85.9



#60
Dibromochloromethane
Concen: 18.309 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion: 129 Resp: 73164
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.074 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

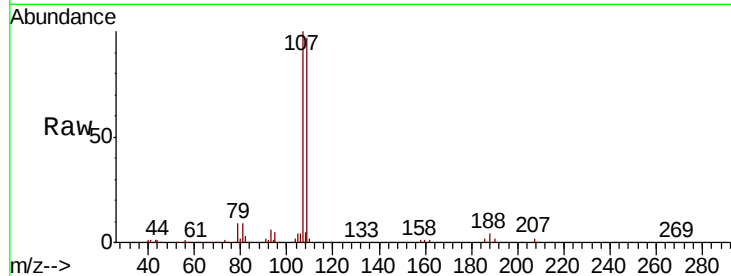
VX0504WBS01

Tot Ion: 107 Resp: 71035

Ion Ratio Lower Upper

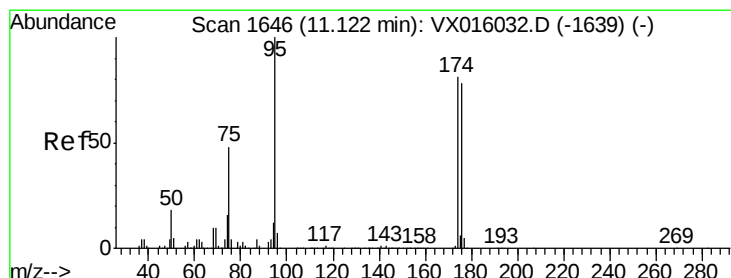
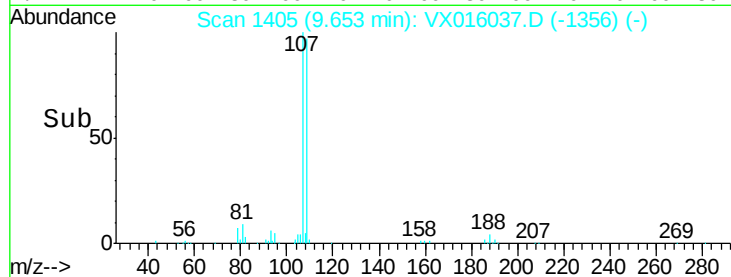
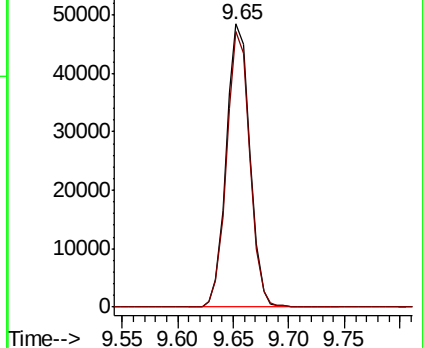
107 100

109 95.3 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: 45.772 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

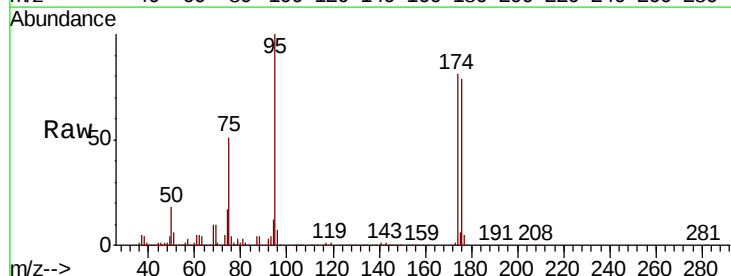
Tgt Ion: 95 Resp: 218314

Ion Ratio Lower Upper

95 100

174 82.0 0.0 159.4

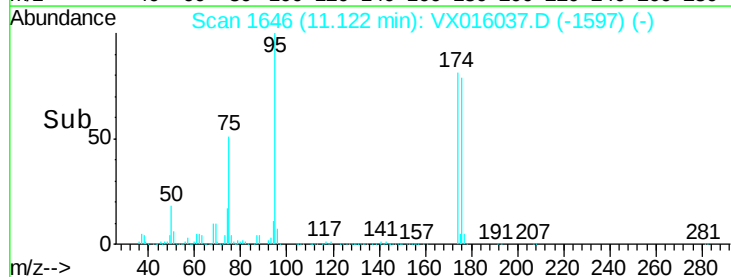
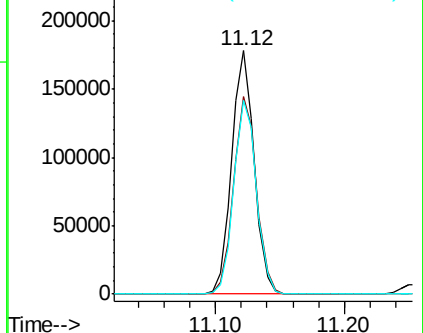
176 79.9 0.0 157.6

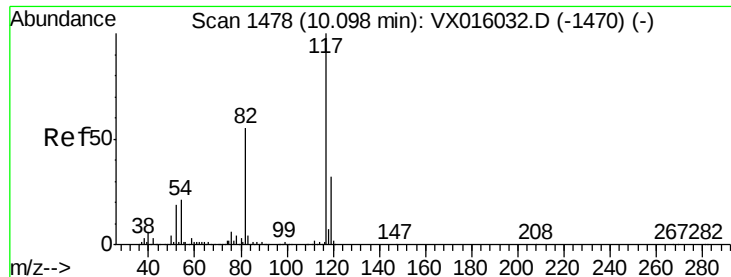


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

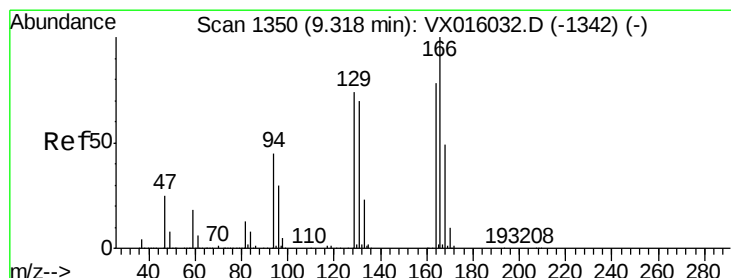
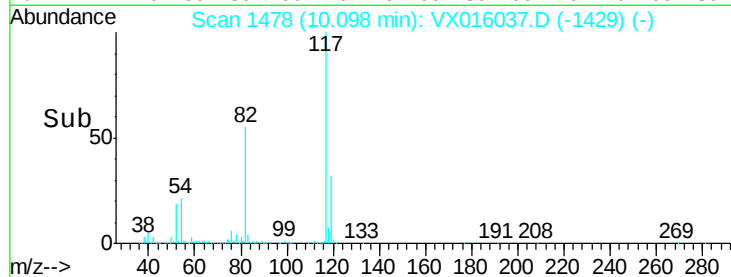
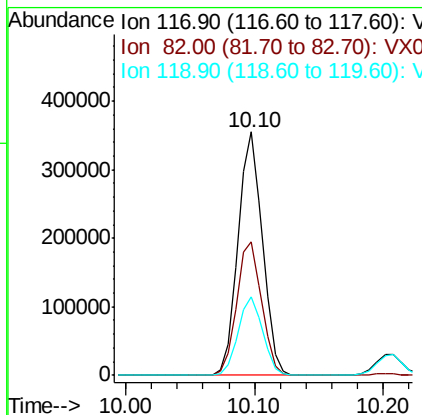
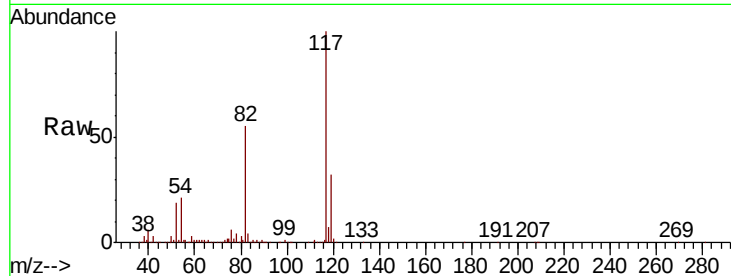




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

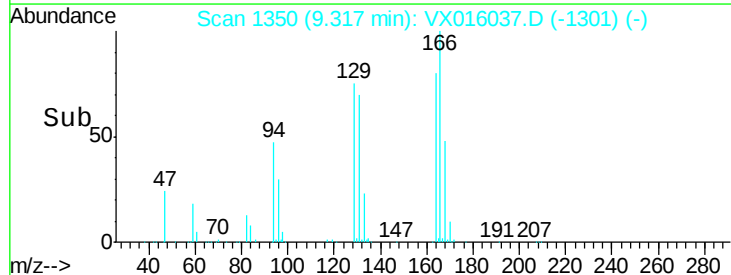
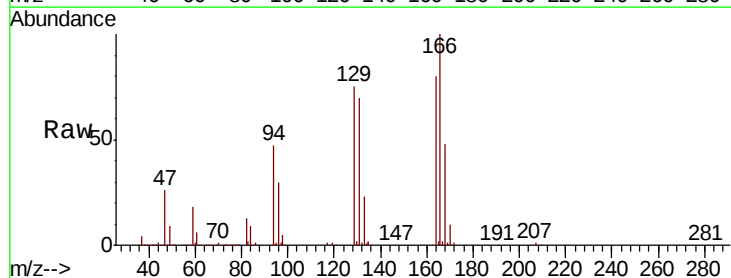
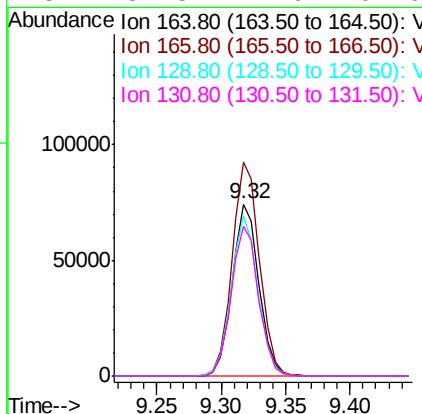
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

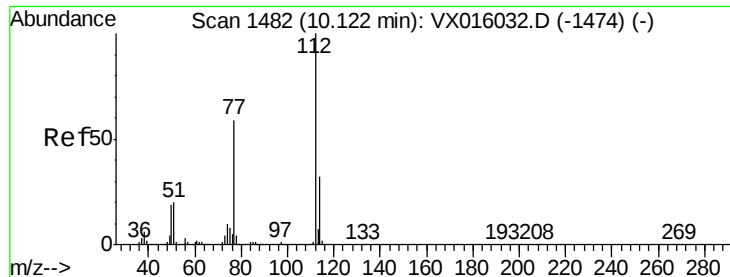
Tot Ion:117 Resp: 466812
Ion Ratio Lower Upper
117 100
82 54.7 44.4 66.6
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 18.657 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion:164 Resp: 106918
Ion Ratio Lower Upper
164 100
166 124.3 102.9 154.3
129 93.0 76.1 114.1
131 87.5 71.9 107.9

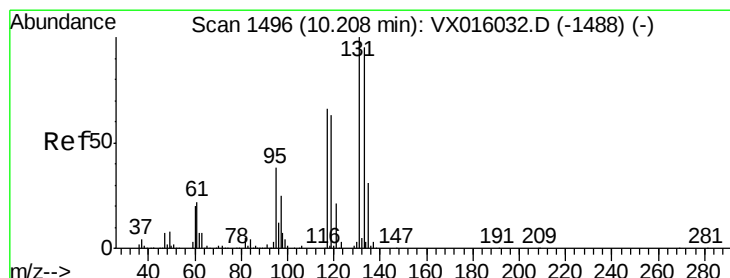
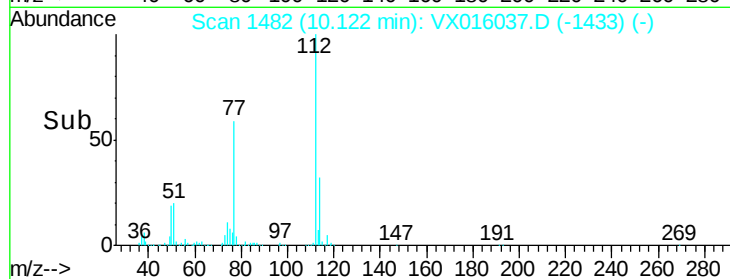
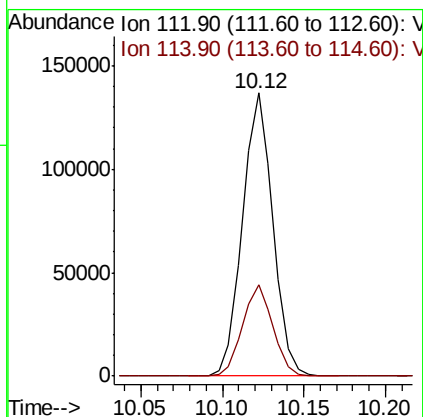
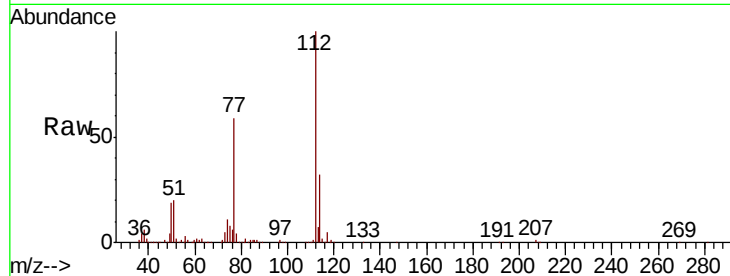




#65
Chlorobenzene
Concen: 18.163 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

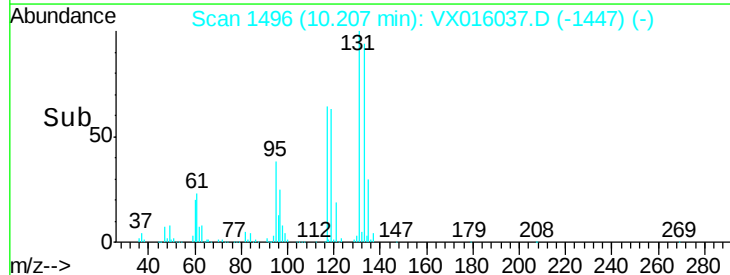
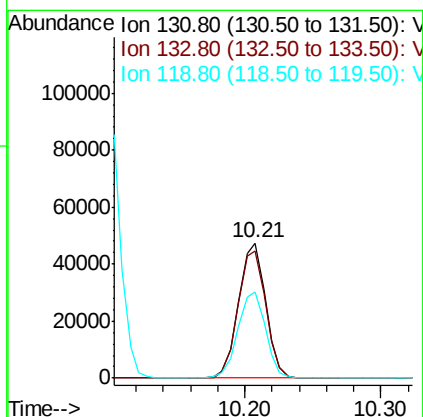
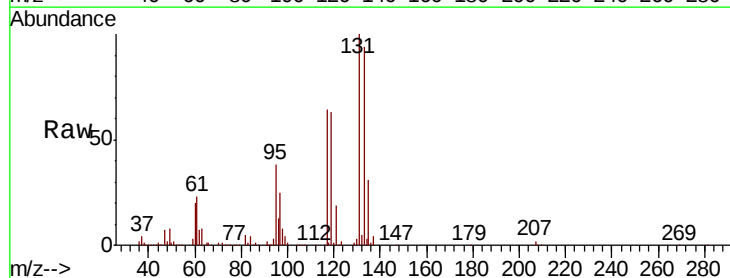
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

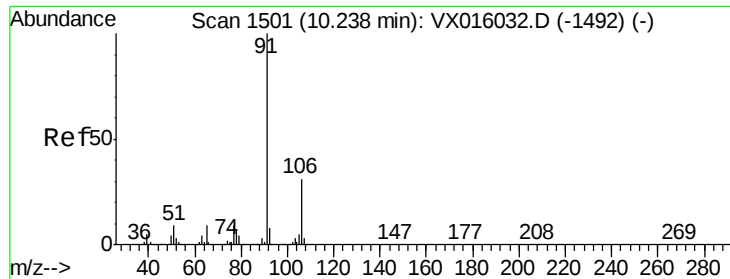
Tot Ion:112 Resp: 177538
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.248 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion:131 Resp: 65926
Ion Ratio Lower Upper
131 100
133 96.7 48.3 144.8
119 64.7 32.3 96.9





#67

Ethyl Benzene

Concen: 18.389 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampled :

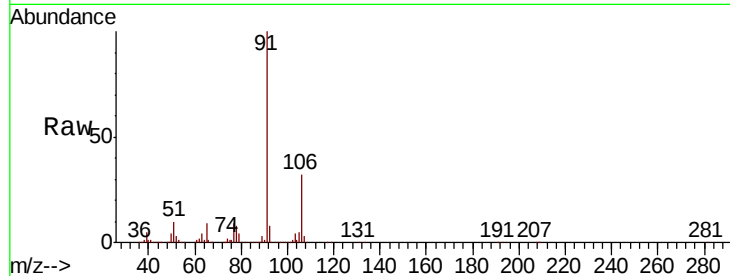
VX0504WBS01

Tot Ion: 91 Resp: 320711

Ion Ratio Lower Upper

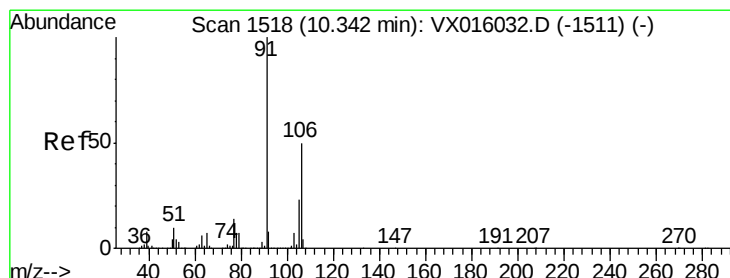
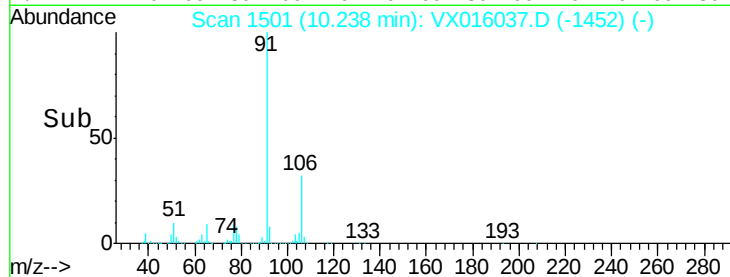
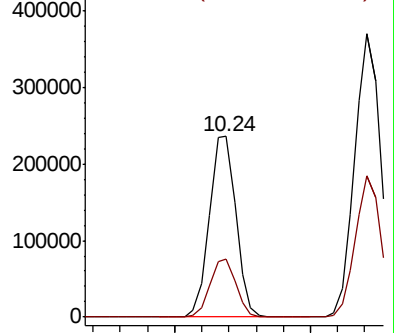
91 100

106 32.2 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.372 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016037.D

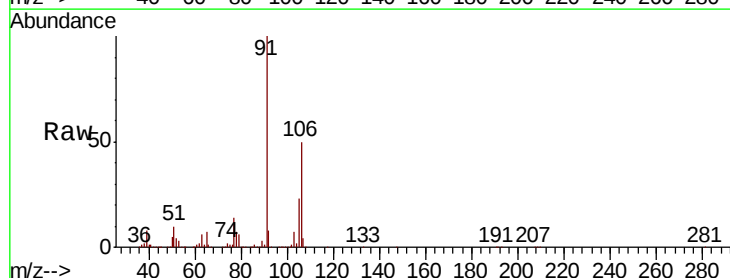
Acq: 04 May 2020 15:48

Tgt Ion: 106 Resp: 244196

Ion Ratio Lower Upper

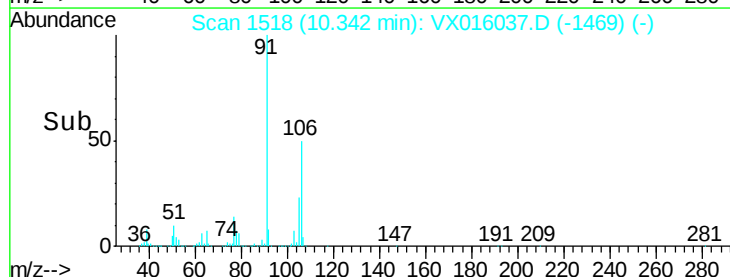
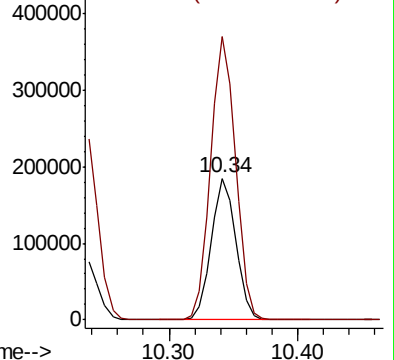
106 100

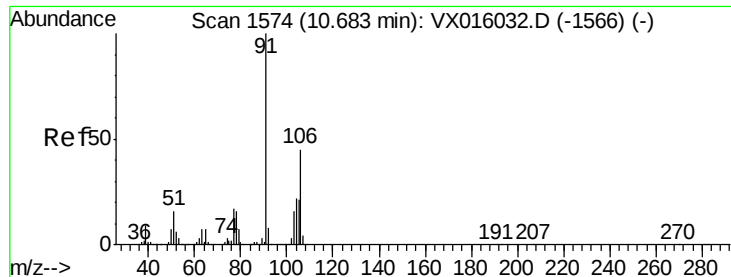
91 202.2 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

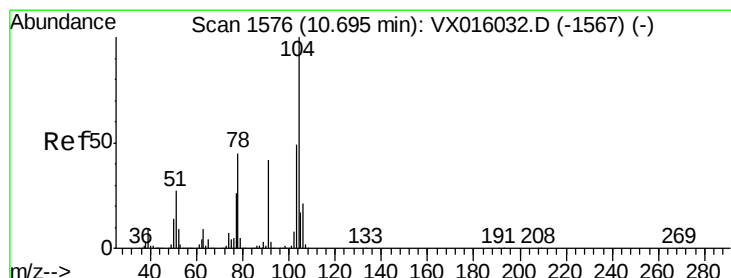
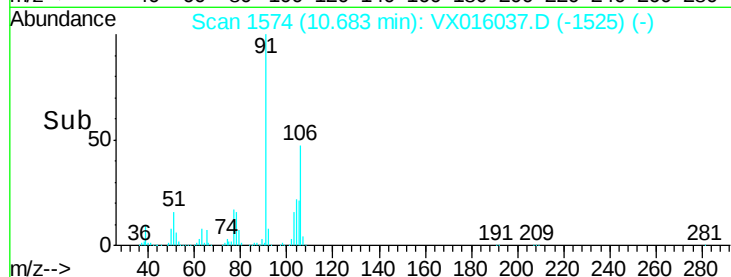
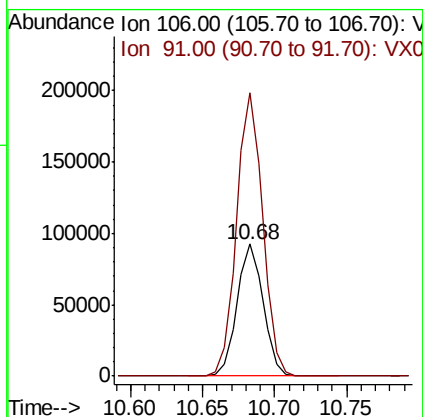
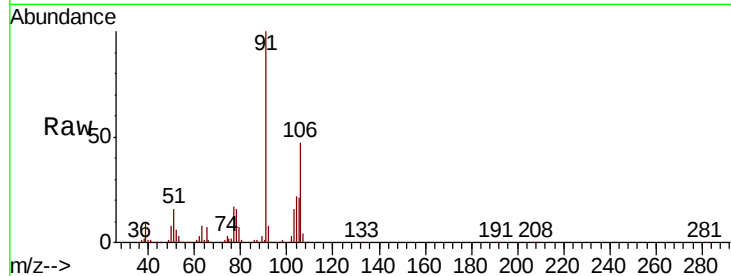




#69
o-Xylene
Concen: 18.607 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

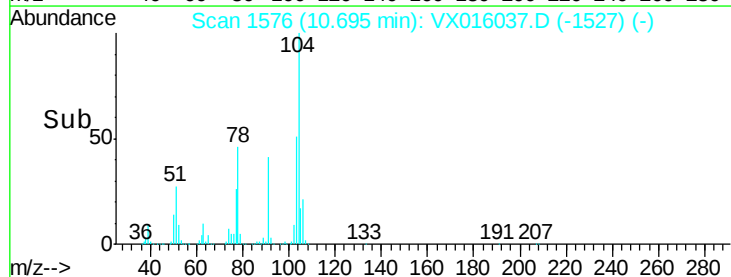
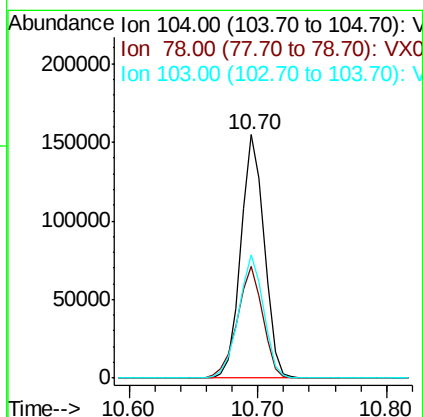
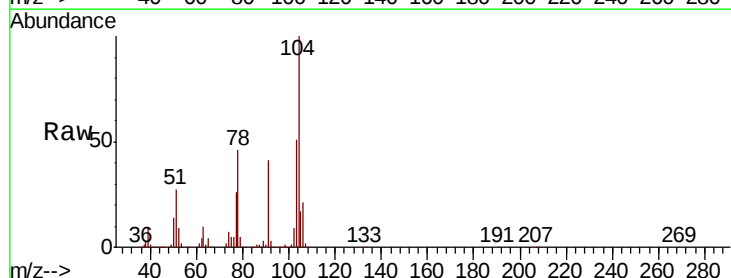
Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

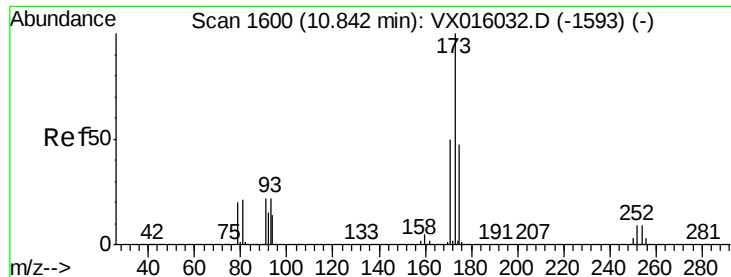
Tot Ion:106 Resp: 116868
Ion Ratio Lower Upper
106 100
91 214.4 107.5 322.6



#70
Styrene
Concen: 18.253 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion:104 Resp: 194496
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.2
103 54.9 43.0 64.6





#71

Bromoform

Concen: 17.562 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

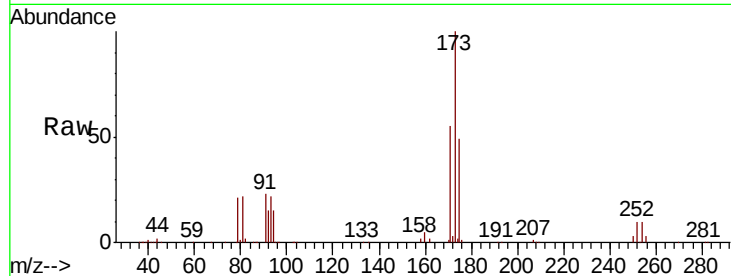
Tot Ion:173 Resp: 51692

Ion Ratio Lower Upper

173 100

175 49.5 24.0 72.0

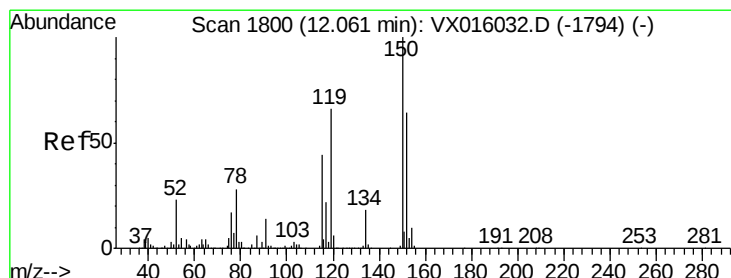
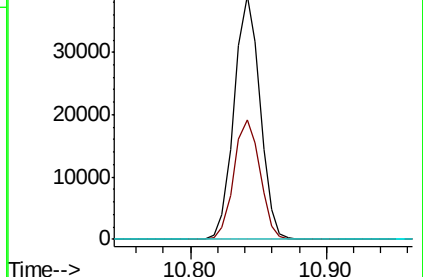
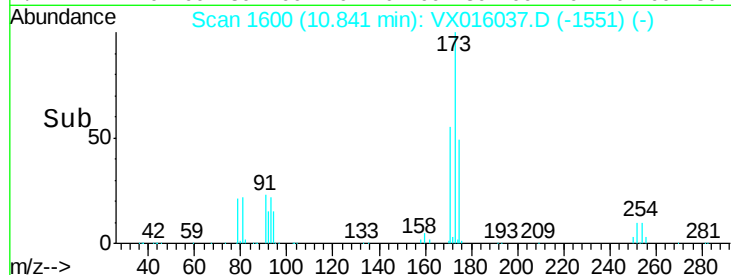
254 0.1 0.1 0.1



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: VX016037.D

Acq: 04 May 2020 15:48

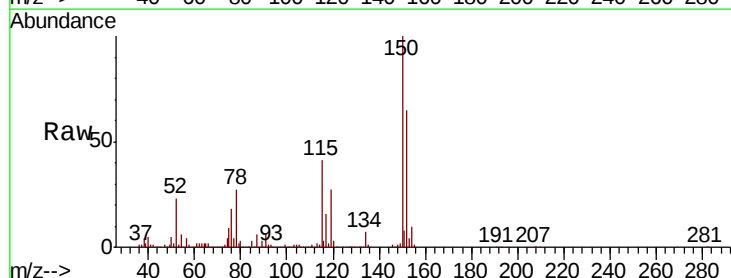
Tgt Ion:152 Resp: 232794

Ion Ratio Lower Upper

152 100

115 67.2 41.3 124.1

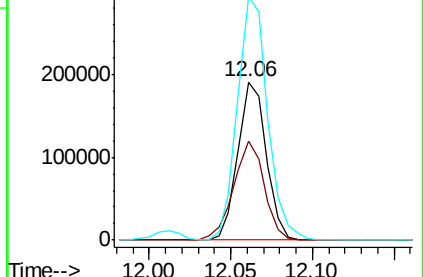
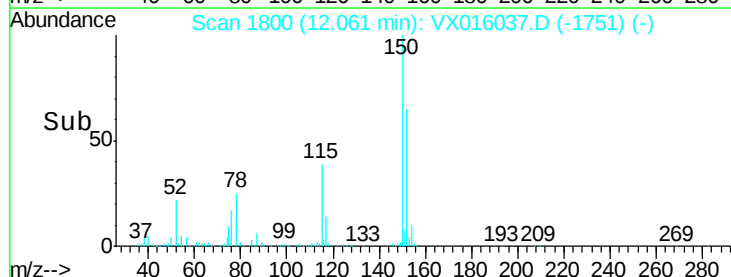
150 163.1 0.0 352.2

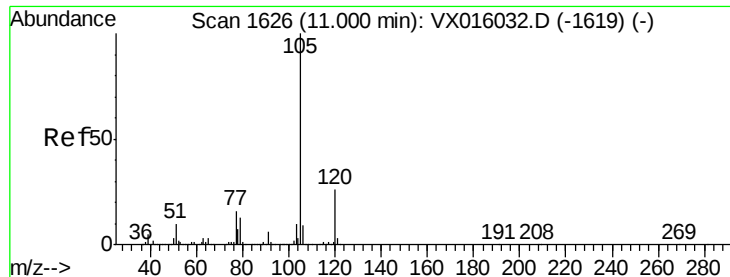


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.478 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampled :

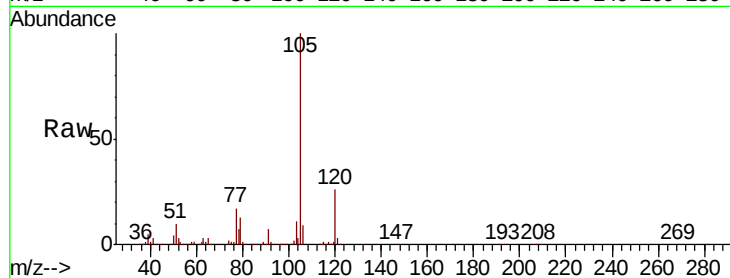
VX0504WBS01

Tot Ion:105 Resp: 312877

Ion Ratio Lower Upper

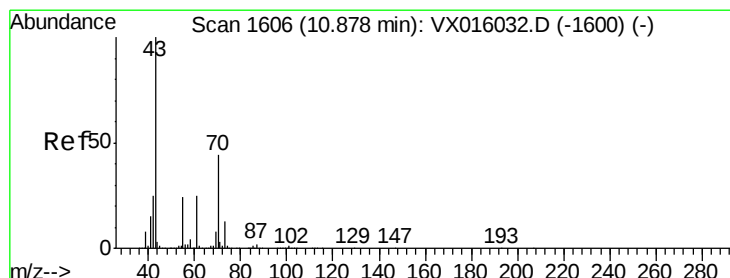
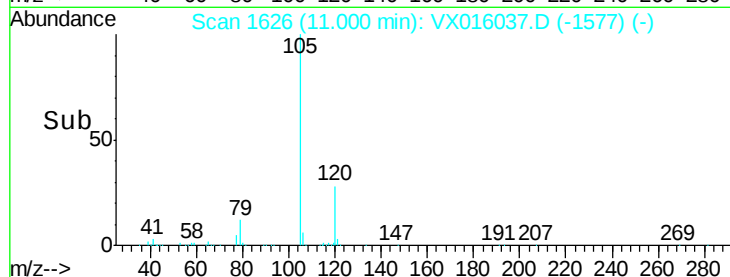
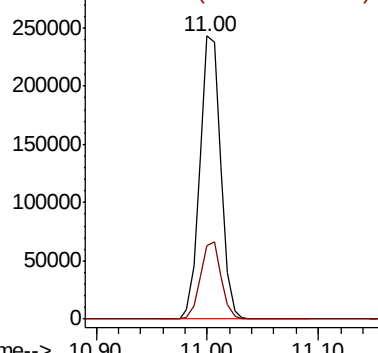
105 100

120 27.0 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: 18.106 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Tgt Ion: 43 Resp: 142998

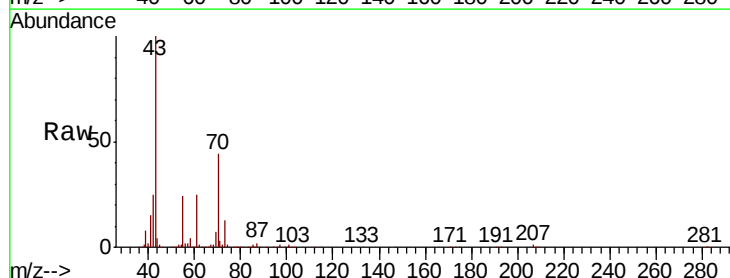
Ion Ratio Lower Upper

43 100

70 45.0 36.5 54.7

55 25.2 19.7 29.5

61 25.8 20.9 31.3

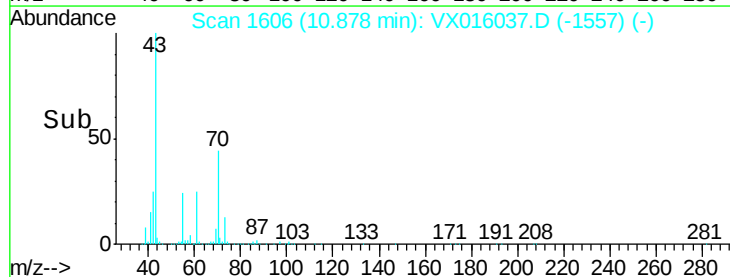
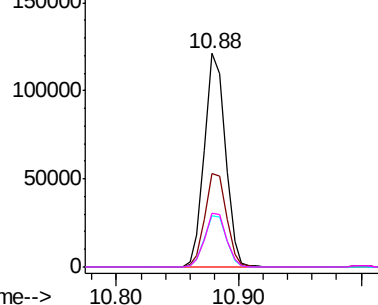


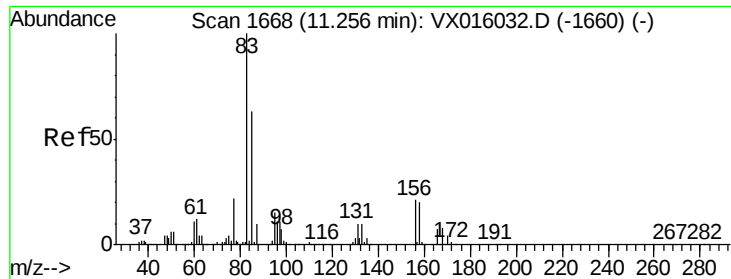
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.237 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

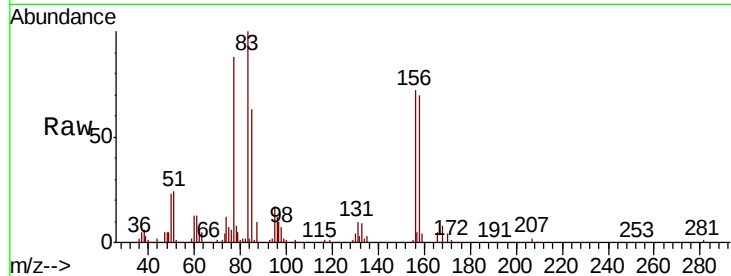
Tot Ion: 83 Resp: 54753

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

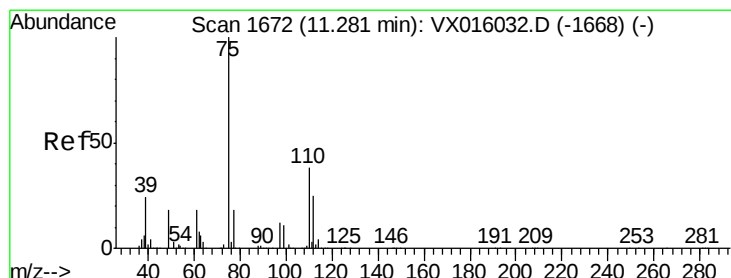
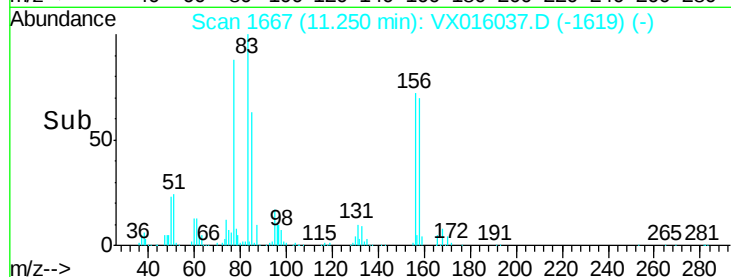
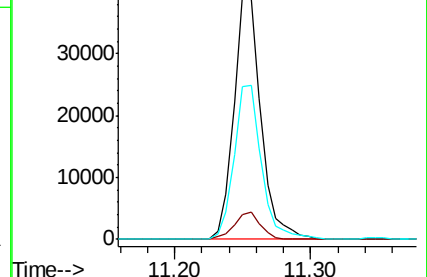
85 63.7 32.0 96.0



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: 24.051 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016037.D

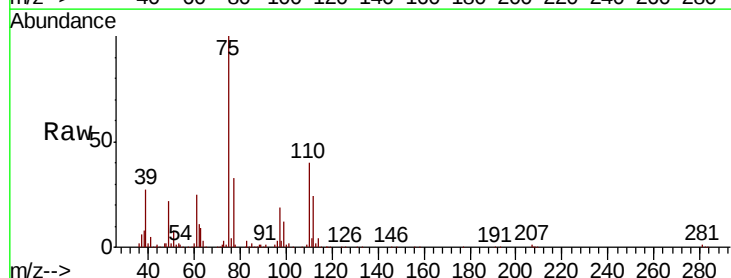
Acq: 04 May 2020 15:48

Tgt Ion: 75 Resp: 127055

Ion Ratio Lower Upper

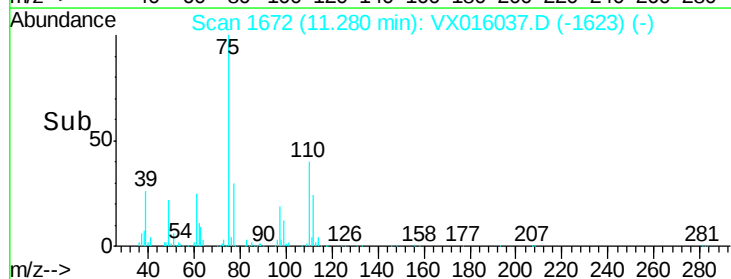
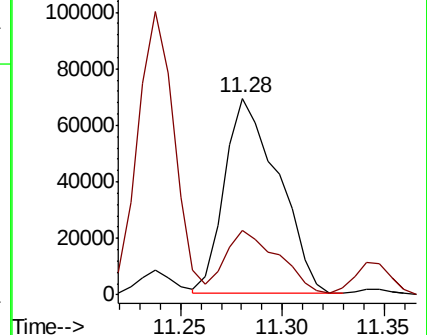
75 100

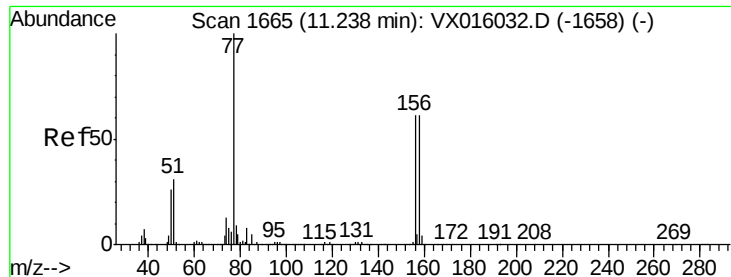
77 32.4 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.837 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampled :

VX0504WBS01

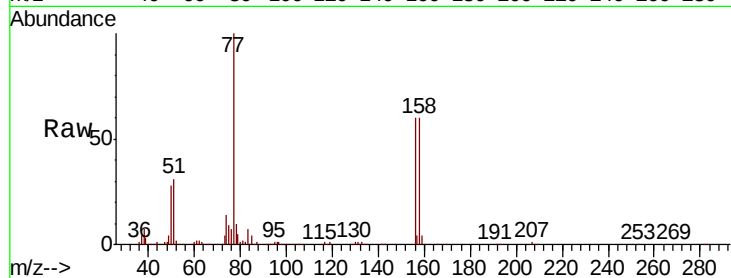
Tot Ion:156 Resp: 77954

Ion Ratio Lower Upper

156 100

77 161.1 80.1 240.3

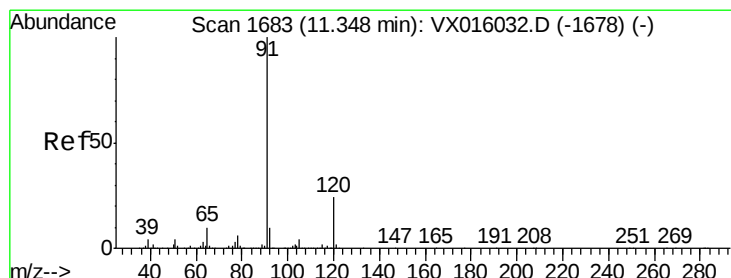
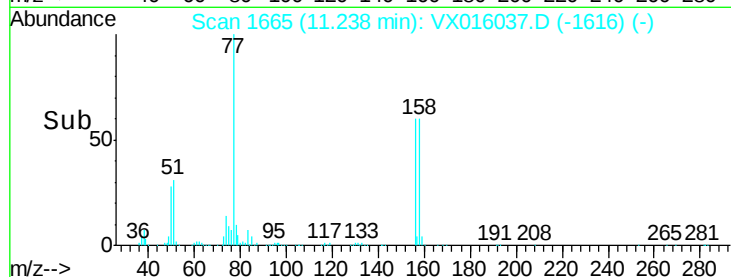
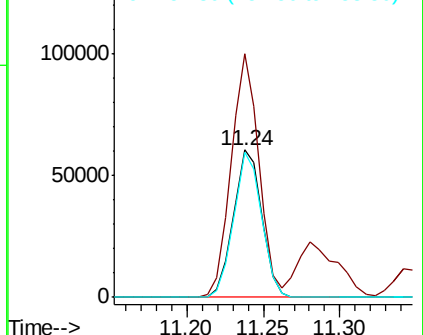
158 96.5 49.4 148.2



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: 18.464 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016037.D

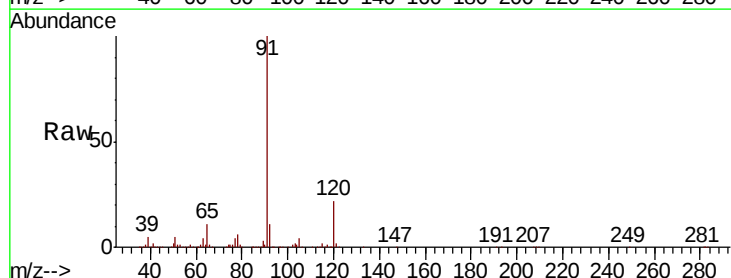
Acq: 04 May 2020 15:48

Tgt Ion: 91 Resp: 363708

Ion Ratio Lower Upper

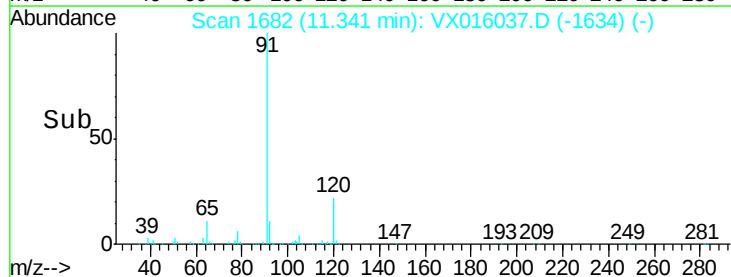
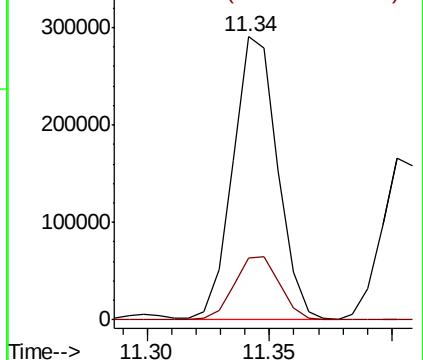
91 100

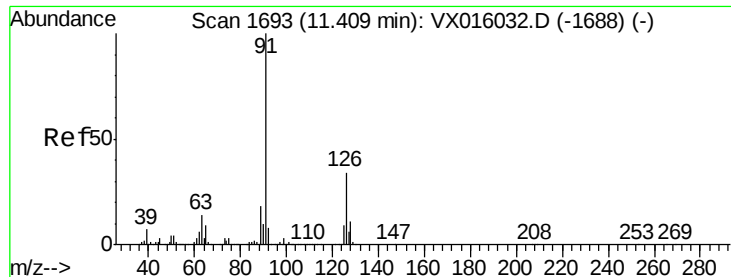
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

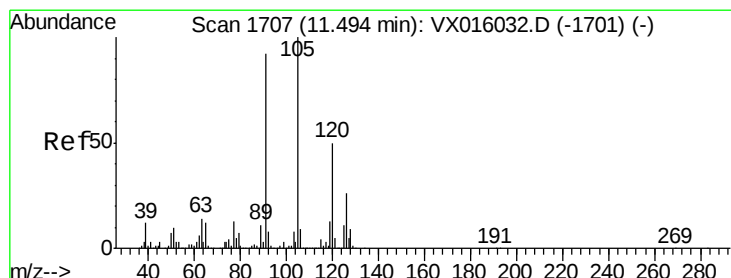
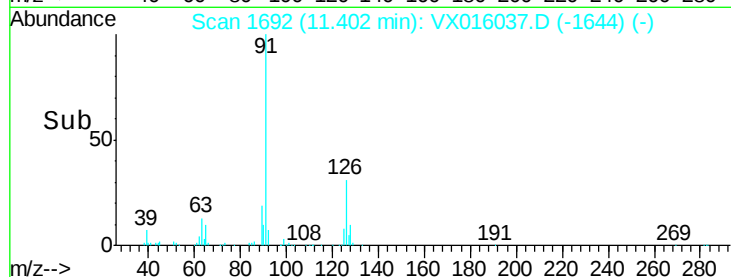
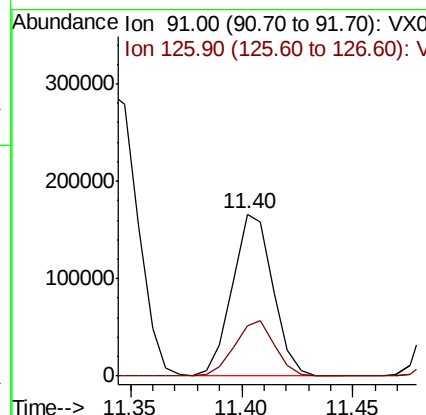
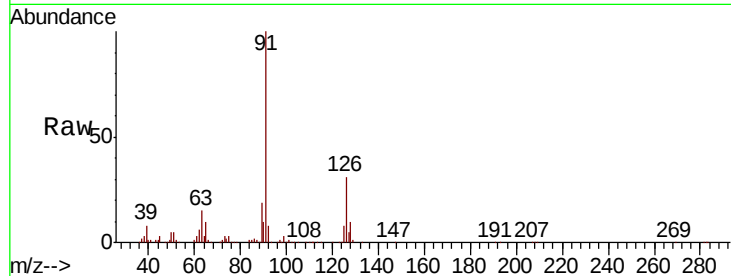




#79
 2-Chlorotoluene
 Concen: 18.093 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

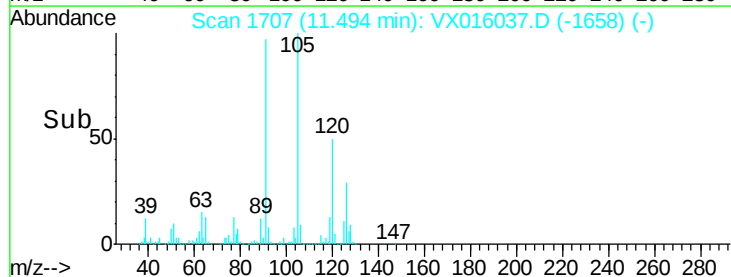
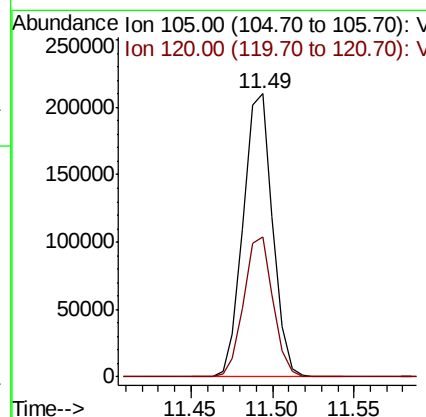
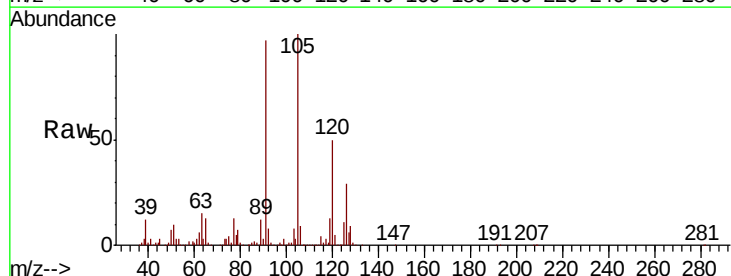
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

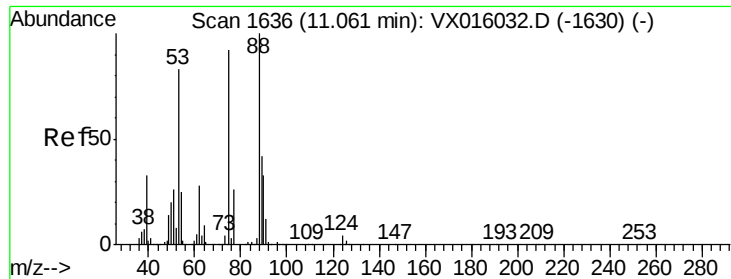
Tot Ion: 91 Resp: 210364
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.464 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion: 105 Resp: 263968
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0

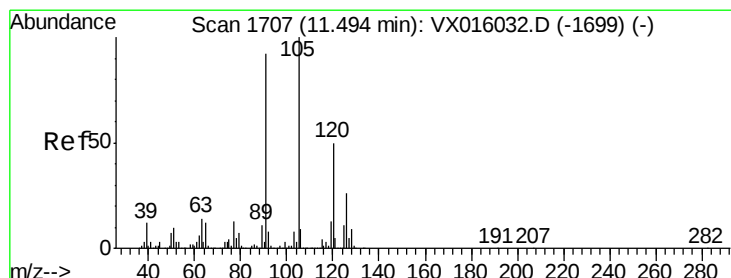
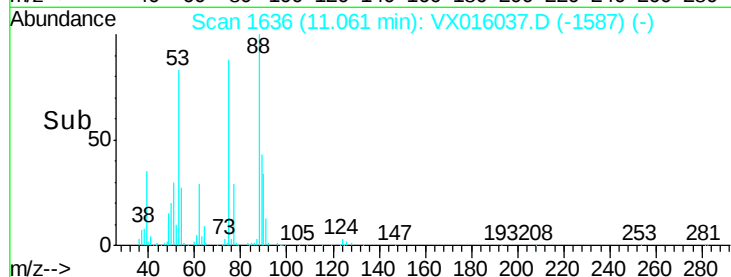
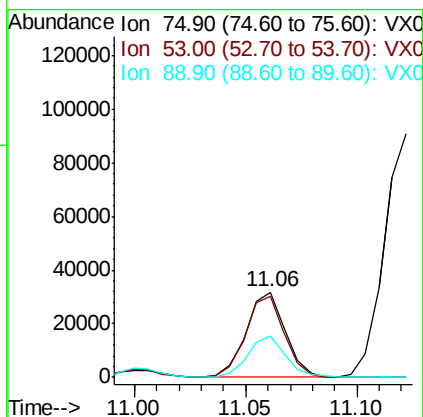
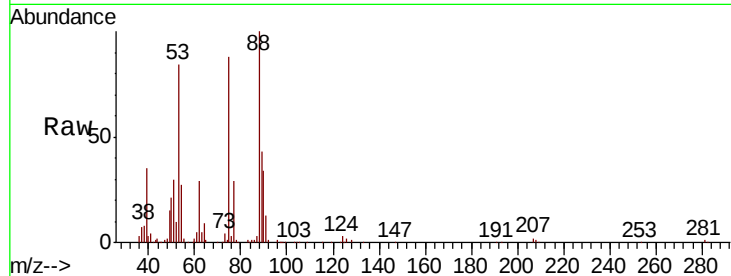




#81
trans-1,4-Dichloro-2-butene
Concen: 17.609 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

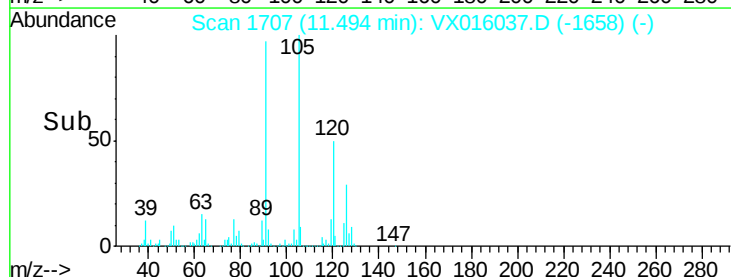
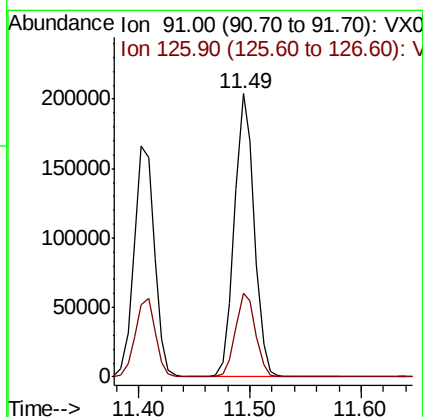
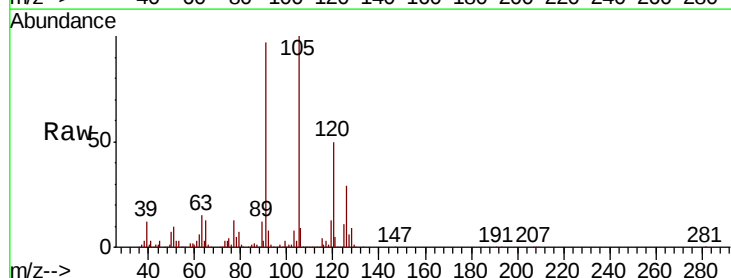
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

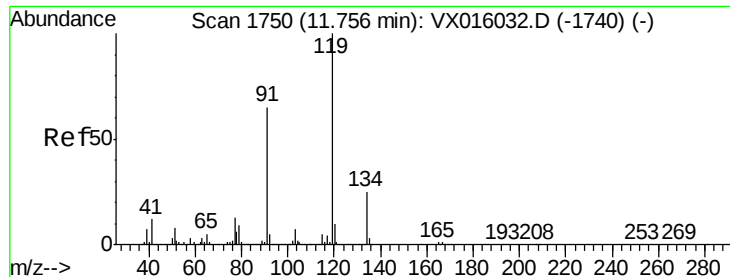
Tot Ion: 75 Resp: 39035
Ion Ratio Lower Upper
75 100
53 94.3 73.1 109.7
89 47.4 36.7 55.1



#82
4-Chlorotoluene
Concen: 18.255 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion: 91 Resp: 250640
Ion Ratio Lower Upper
91 100
126 30.0 14.8 44.3

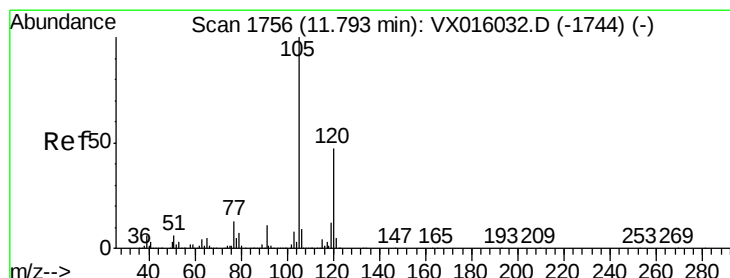
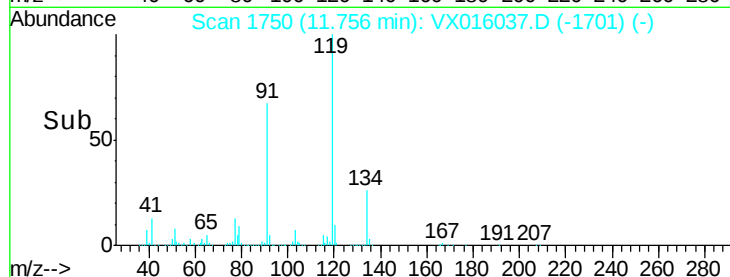
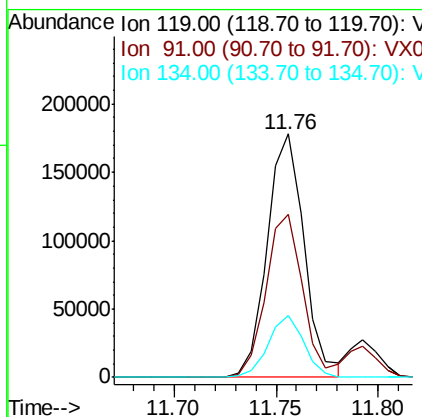
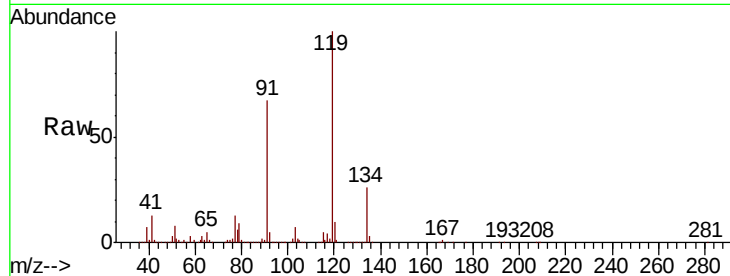




#83
tert-Butylbenzene
Concen: 18.237 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

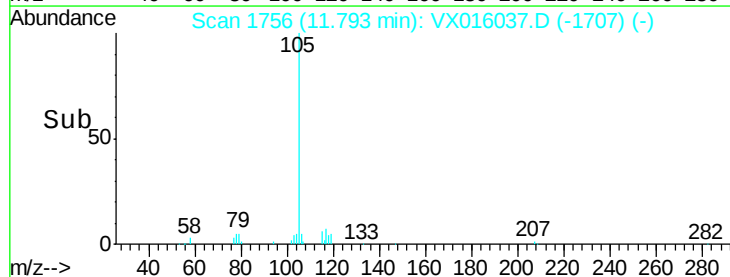
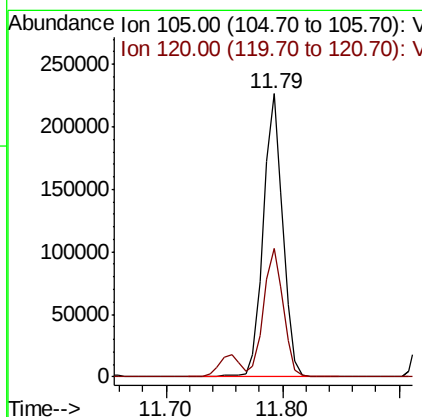
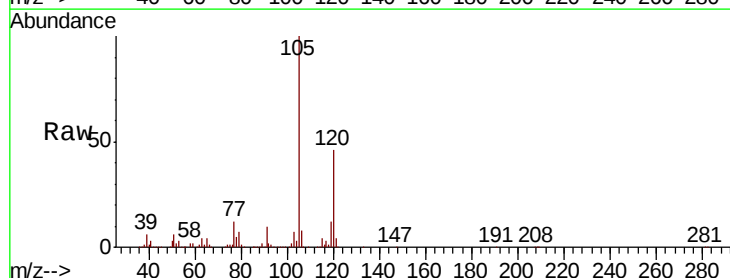
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

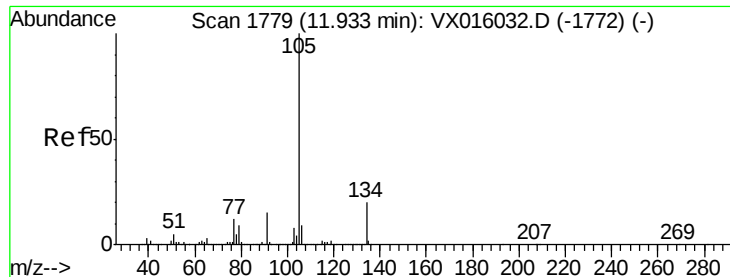
Tot Ion:119 Resp: 224689
Ion Ratio Lower Upper
119 100
91 66.0 32.8 98.4
134 24.5 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 18.201 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion:105 Resp: 263067
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 18.346 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampled :

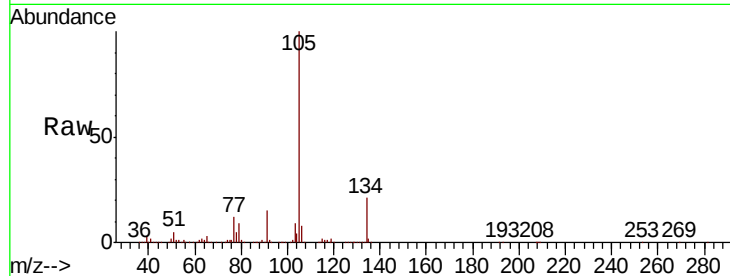
VX0504WBS01

Tot Ion:105 Resp: 305180

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

0

11.85

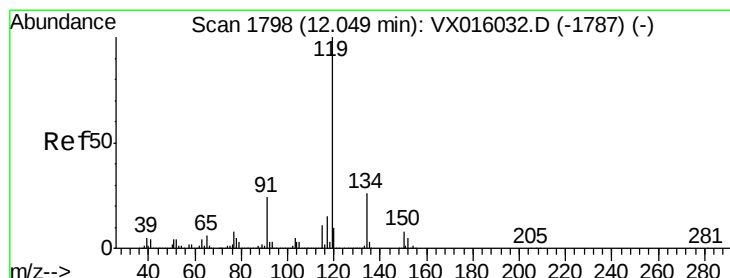
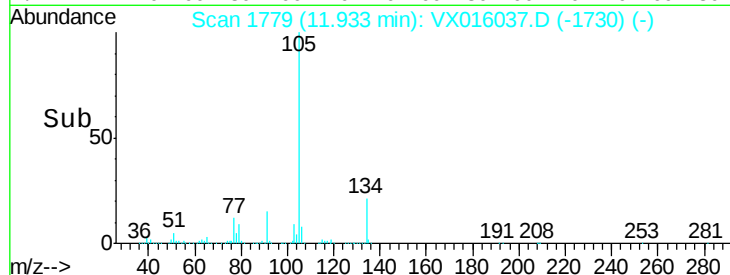
11.90

11.93

11.95

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 18.286 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

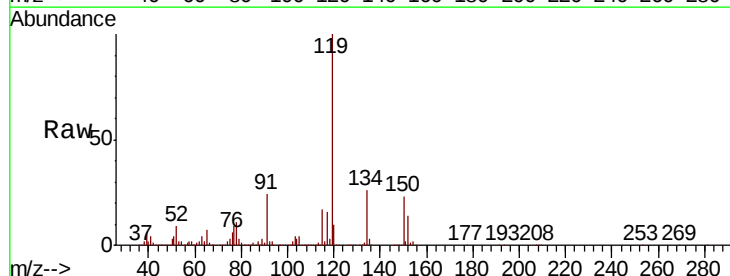
Tgt Ion:119 Resp: 282416

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 23.9 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): V

300000

250000

200000

150000

100000

50000

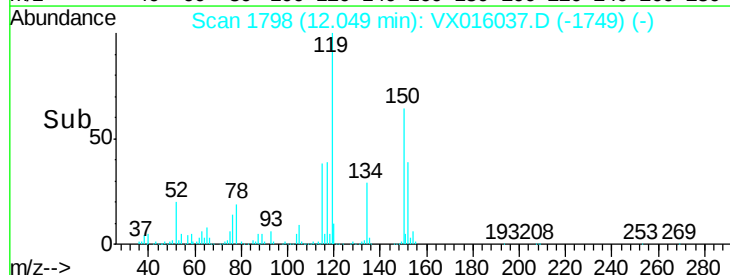
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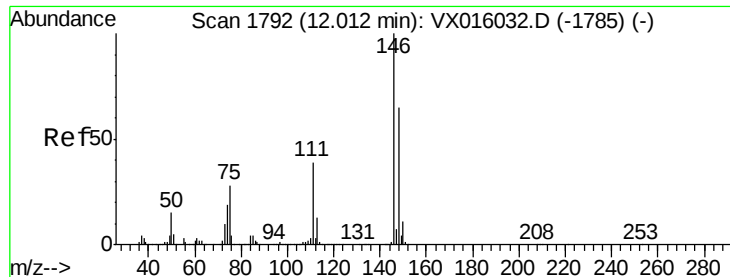
12.00

12.05

12.10

Time-->

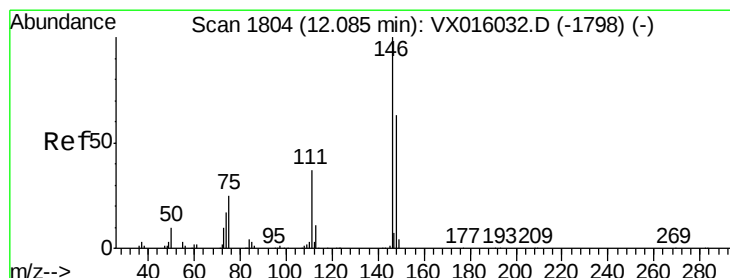
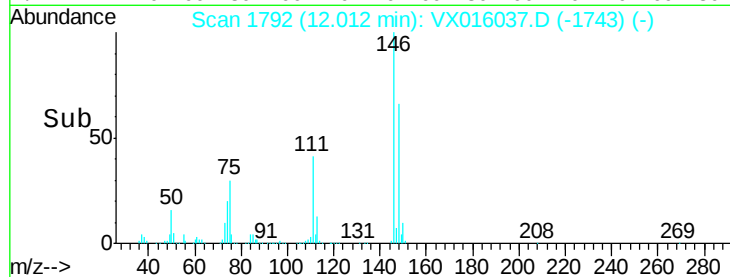
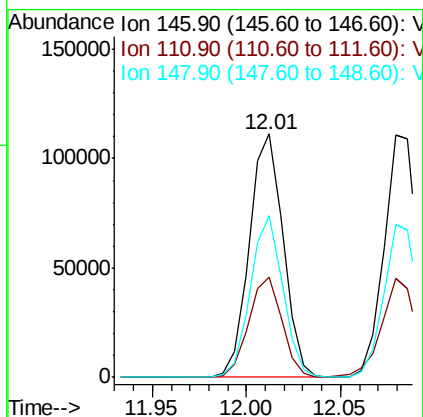
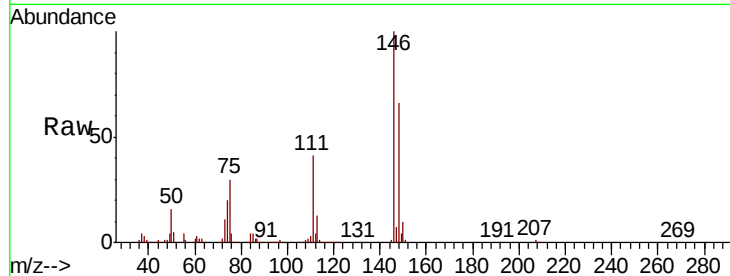




#87
 1,3-Dichlorobenzene
 Concen: 17.701 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

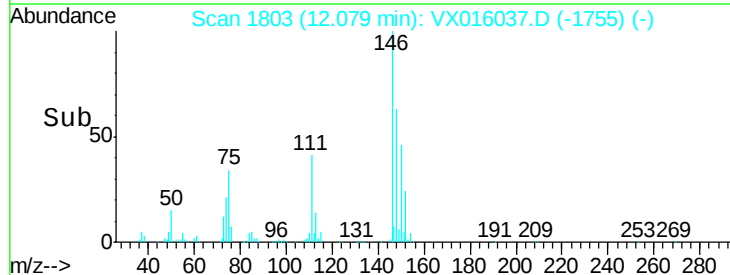
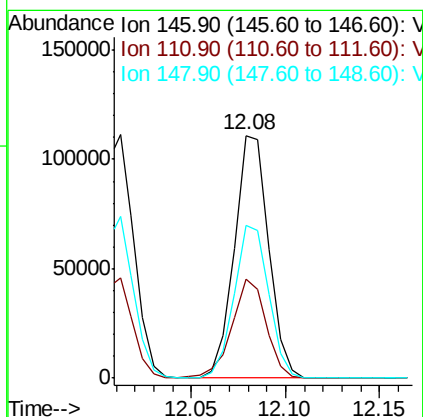
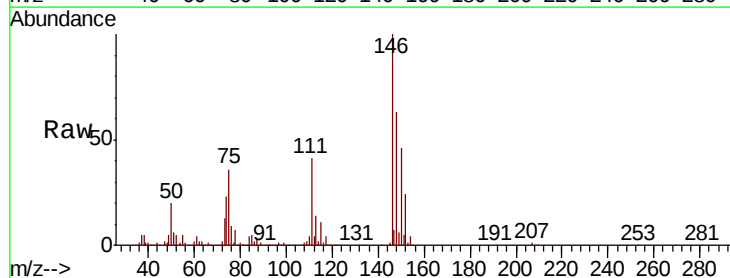
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

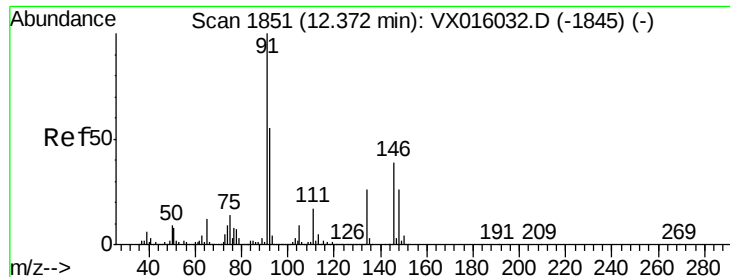
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.6
148	63.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 17.605 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.6	58.7
148	63.8	31.8	95.3





#89

n-Butylbenzene

Concen: 17.770 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

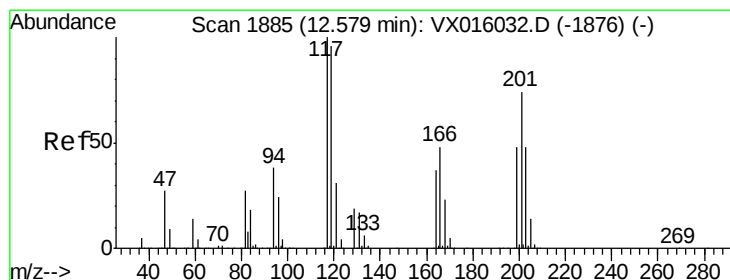
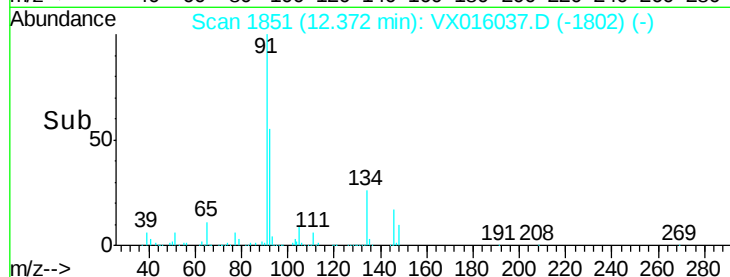
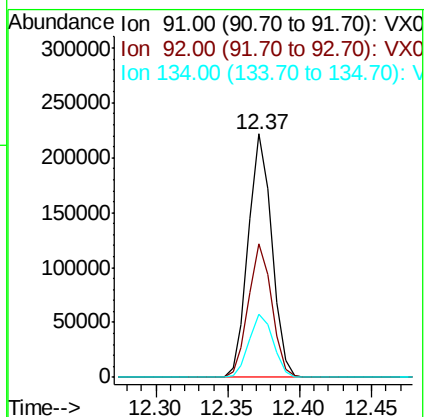
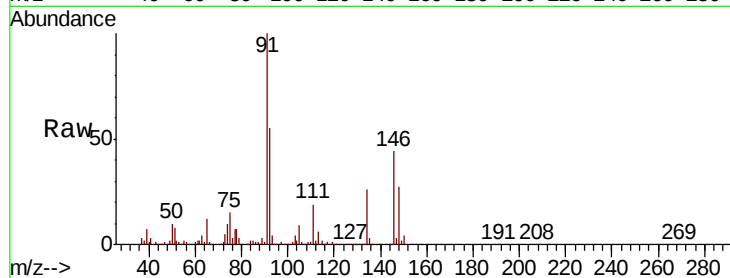
Tot Ion: 91 Resp: 250723

Ion Ratio Lower Upper

91 100

92 54.4 27.6 82.7

134 26.7 13.4 40.1



#90

Hexachloroethane

Concen: 17.578 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016037.D

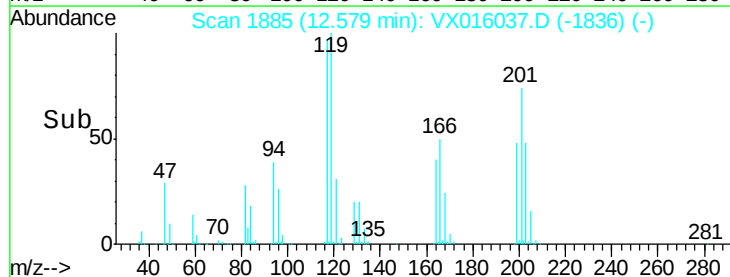
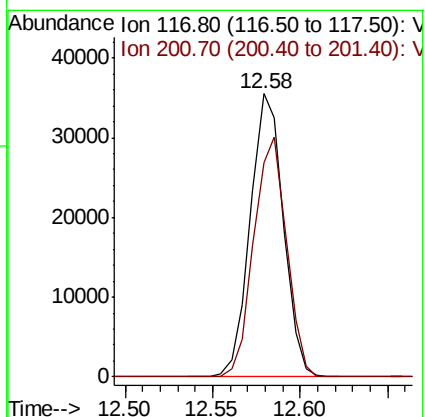
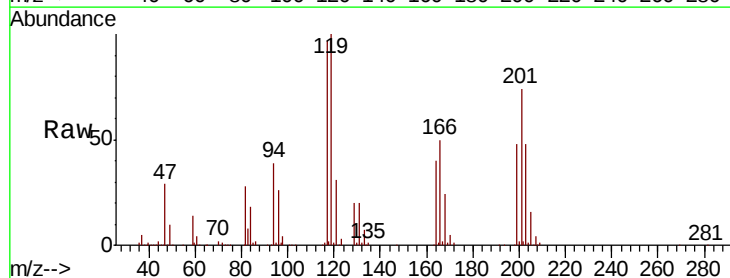
Acq: 04 May 2020 15:48

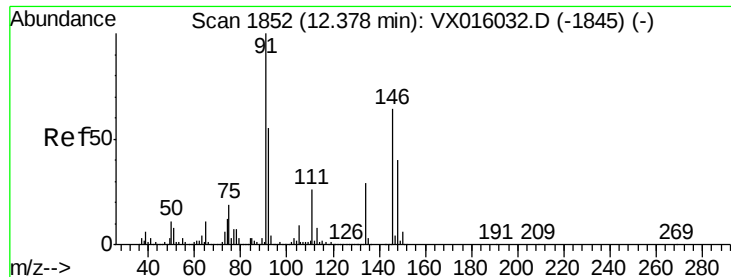
Tgt Ion: 117 Resp: 46624

Ion Ratio Lower Upper

117 100

201 84.0 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 17.954 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampled :

VX0504WBS01

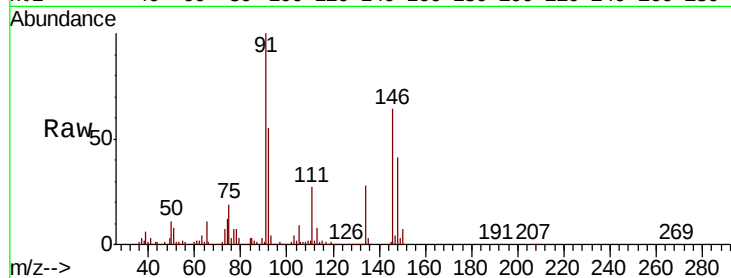
Tot Ion:146 Resp: 135665

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.1

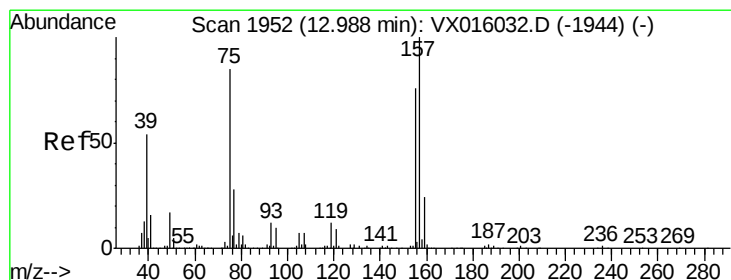
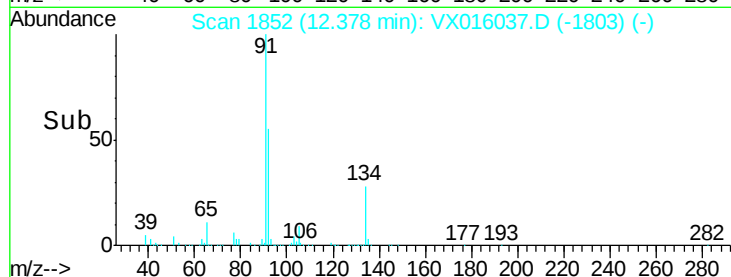
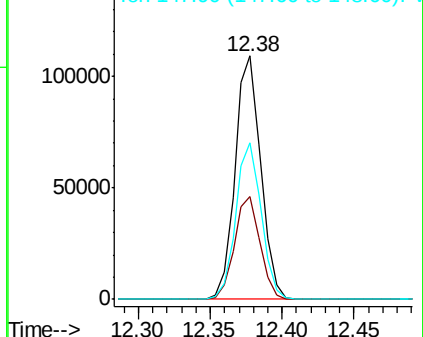
148 63.7 32.4 97.0



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: 17.049 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

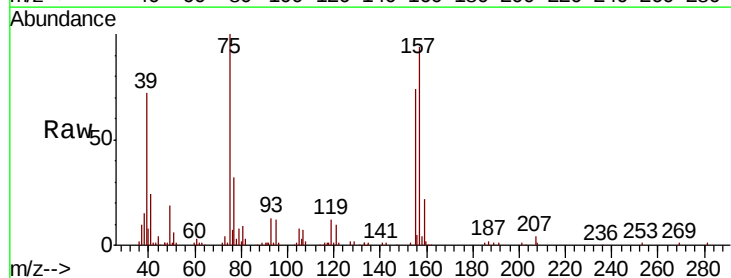
Tgt Ion: 75 Resp: 23737

Ion Ratio Lower Upper

75 100

155 85.2 42.5 127.5

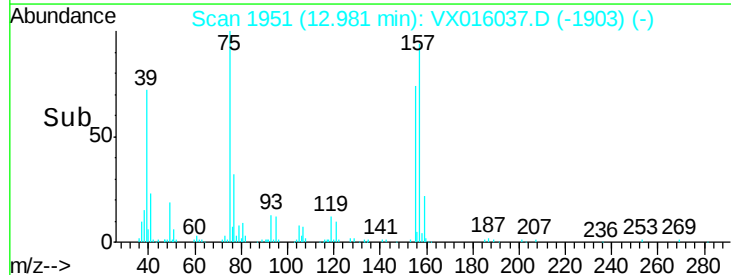
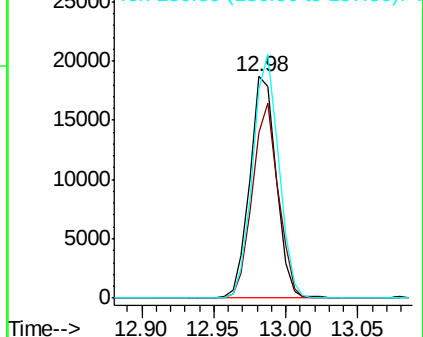
157 107.2 55.3 165.8

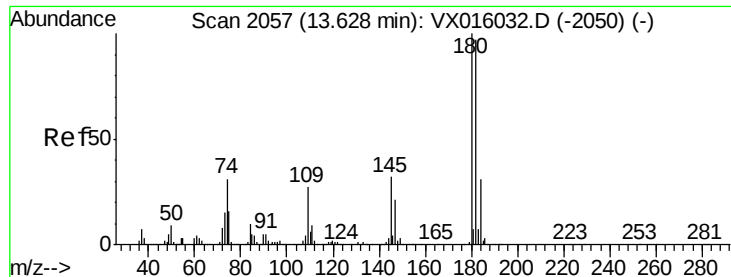


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

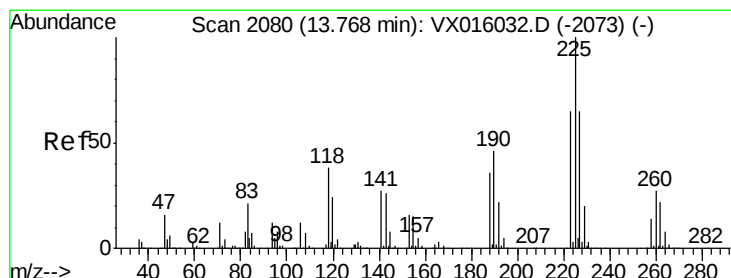
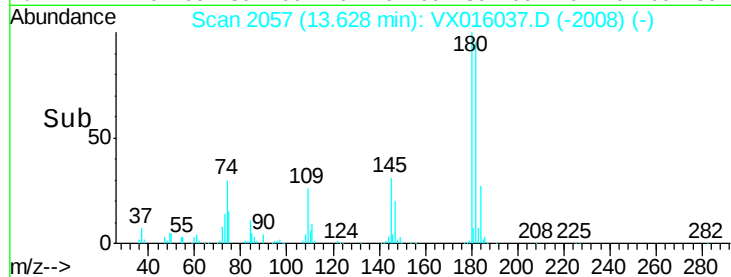
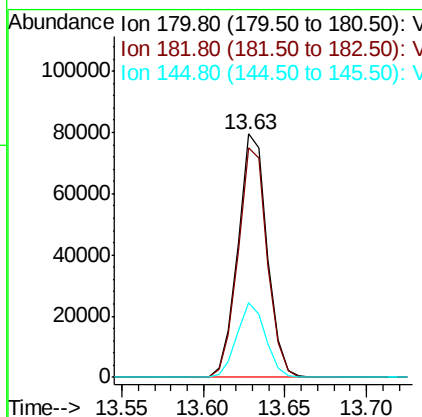
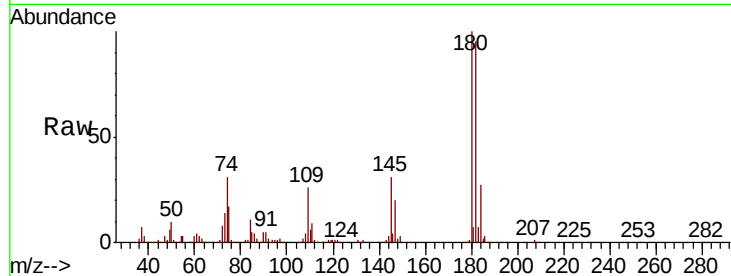




#93
 1,2,4-Trichlorobenzene
 Concen: 17.662 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

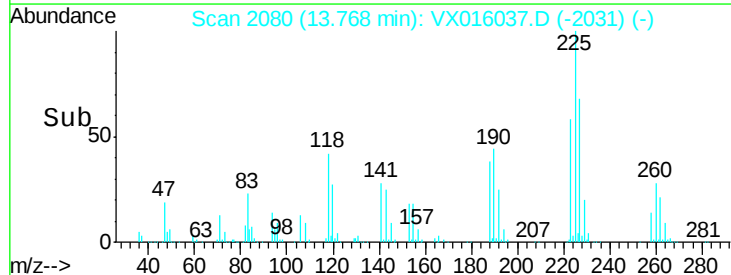
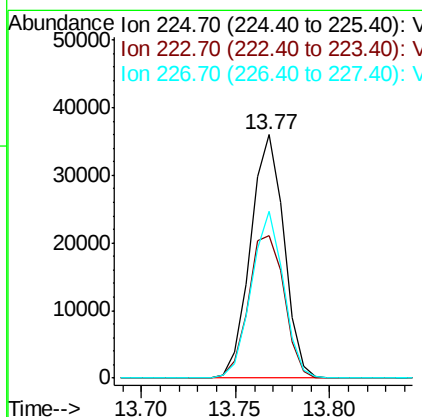
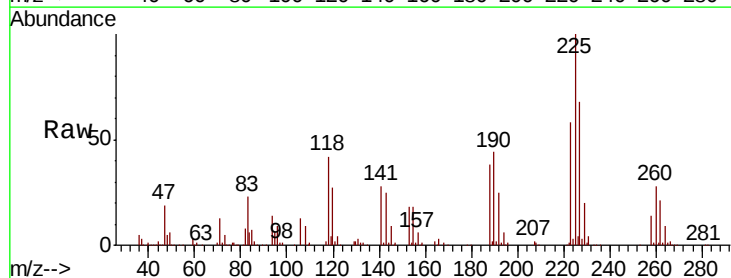
Instrument :
 MSVOA_X
 ClientSampled :
 VX0504WBS01

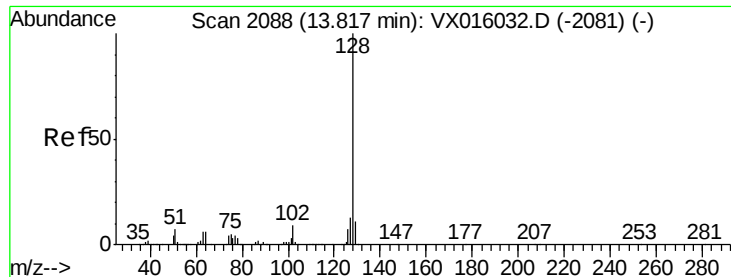
Tot Ion:180 Resp: 98805
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.7 146.1
 145 30.4 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 18.730 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion:225 Resp: 44321
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.3 96.9
 227 65.8 31.8 95.4





#95

Naphthalene

Concen: 17.585 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

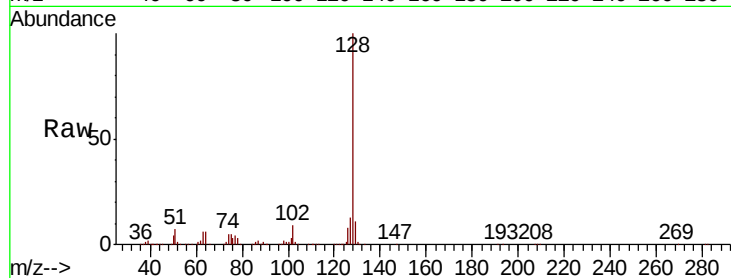
Tot Ion:128 Resp: 318543

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

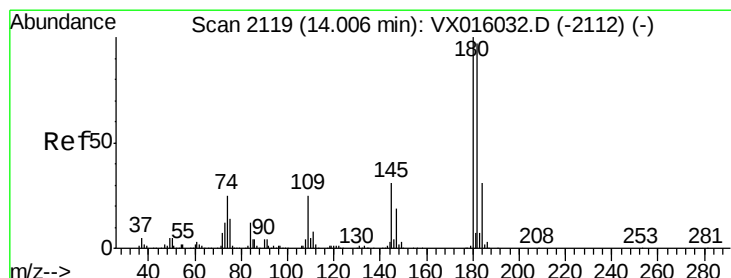
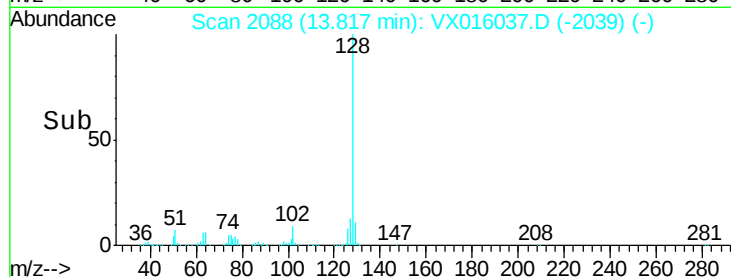
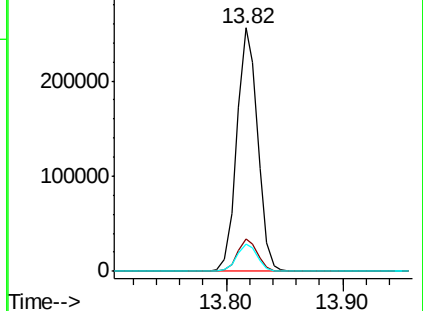
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.604 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

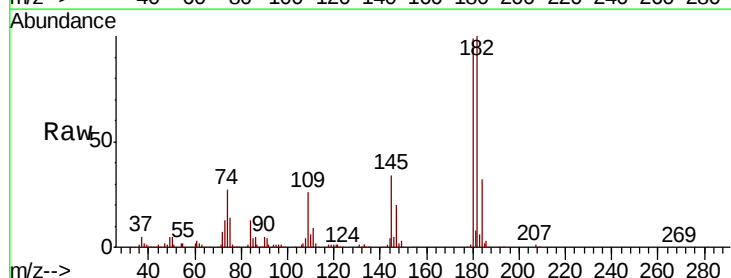
Tgt Ion:180 Resp: 96250

Ion Ratio Lower Upper

180 100

182 97.3 48.4 145.0

145 33.2 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

