

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
 Data File : VX016475.D
 Acq On : 28 May 2020 11:21
 Operator : JC/SP
 Sample : VX0528WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Quant Time: May 28 13:11:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	327322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	517995	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196795	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.46	113	155694	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.70	98	615532	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.12	95	223244	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	61968	19.238	ug/l	98
3) Chloromethane	1.31	50	76433	19.635	ug/l	99
4) Vinyl Chloride	1.39	62	79455	19.301	ug/l	98
5) Bromomethane	1.63	94	47328	23.645	ug/l	99
6) Chloroethane	1.72	64	47799	19.905	ug/l	98
7) Trichlorofluoromethane	1.92	101	102539	18.966	ug/l	99
8) Diethyl Ether	2.17	74	43283	19.200	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56097	18.853	ug/l	97
10) Methyl Iodide	2.49	142	56171	17.891	ug/l	99
11) Tert butyl alcohol	3.01	59	93511	89.710	ug/l	99
12) 1,1-Dichloroethene	2.36	96	60014	19.055	ug/l	95
13) Acrolein	2.27	56	41464	93.511	ug/l	97
14) Allyl chloride	2.71	41	113736	19.636	ug/l	100
15) Acrylonitrile	3.12	53	201825	94.521	ug/l	99
16) Acetone	2.42	43	165428	92.888	ug/l	99
17) Carbon Disulfide	2.55	76	178339	19.068	ug/l	99
18) Methyl Acetate	2.75	43	88184	19.306	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	219874	19.441	ug/l	100
20) Methylene Chloride	2.84	84	70730	19.196	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	67556	19.392	ug/l	96
22) Diisopropyl ether	3.82	45	221378	19.896	ug/l	99
23) Vinyl Acetate	3.79	43	969600	99.553	ug/l	100
24) 1,1-Dichloroethane	3.67	63	122155	19.451	ug/l	98
25) 2-Butanone	4.64	43	284182	94.171	ug/l	99
26) 2,2-Dichloropropane	4.56	77	107673	20.952	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	76986	19.102	ug/l	99
28) Bromochloromethane	4.98	49	61273	20.995	ug/l	98
29) Tetrahydrofuran	5.09	42	187439	96.143	ug/l	99
30) Chloroform	5.18	83	120676	19.070	ug/l	98
31) Cyclohexane	5.55	56	104630	18.519	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	108370	18.916	ug/l	99
36) 1,1-Dichloropropene	5.78	75	91744	18.706	ug/l	98
37) Ethyl Acetate	4.79	43	109356	18.572	ug/l	98
38) Carbon Tetrachloride	5.76	117	93793	18.198	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016475.D
 Acq On : 28 May 2020 11:21
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 Sample : VX0528WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Quant Time: May 28 13:11:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	99754	18.726	ug/l	99
40) Benzene	6.12	78	280584	19.211	ug/l	99
41) Methacrylonitrile	5.00	41	59938	18.532	ug/l	99
42) 1,2-Dichloroethane	6.17	62	97690	18.808	ug/l	99
43) Isopropyl Acetate	6.42	43	174634	19.014	ug/l	99
44) Trichloroethene	7.19	130	87330	18.846	ug/l	100
45) 1,2-Dichloropropane	7.49	63	71575	19.250	ug/l	99
46) Dibromomethane	7.64	93	47114	18.865	ug/l	99
47) Bromodichloromethane	7.88	83	96249	18.613	ug/l	99
48) Methyl methacrylate	7.74	41	82503	18.761	ug/l	99
49) 1,4-Dioxane	7.71	88	35397	343.948	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	549872	96.151	ug/l	100
52) Toluene	8.77	92	178292	19.359	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	112339	19.105	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	119977	19.277	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	69390	18.949	ug/l	98
56) Ethyl methacrylate	9.16	69	115906	19.435	ug/l	99
57) 1,3-Dichloropropane	9.35	76	120886	19.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	290367	93.279	ug/l	100
59) 2-Hexanone	9.48	43	421115	94.690	ug/l	100
60) Dibromochloromethane	9.57	129	75889	18.416	ug/l	100
61) 1,2-Dibromoethane	9.65	107	73783	18.816	ug/l	100
64) Tetrachloroethene	9.32	164	98790	18.578	ug/l	96
65) Chlorobenzene	10.12	112	184597	19.050	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	67752	18.316	ug/l	99
67) Ethyl Benzene	10.24	91	322239	18.678	ug/l	99
68) m/p-Xylenes	10.34	106	243251	38.027	ug/l	100
69) o-Xylene	10.68	106	116783	18.851	ug/l	98
70) Styrene	10.70	104	203822	19.141	ug/l	99
71) Bromoform	10.84	173	57563	18.413	ug/l #	99
73) Isopropylbenzene	11.00	105	306250	19.636	ug/l	100
74) N-amyl acetate	10.88	43	145949	20.345	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	75286	19.261	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	128192	25.910	ug/l	85
77) Bromobenzene	11.24	156	79857	19.522	ug/l	100
78) n-propylbenzene	11.34	91	337440	19.366	ug/l	100
79) 2-Chlorotoluene	11.40	91	208114	19.567	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	250068	19.203	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	39349	19.563	ug/l	99
82) 4-Chlorotoluene	11.49	91	243247	19.367	ug/l	100
83) tert-Butylbenzene	11.76	119	212287	19.078	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	250153	18.994	ug/l	100
85) sec-Butylbenzene	11.93	105	270604	19.386	ug/l	99
86) p-Isopropyltoluene	12.05	119	253868	19.415	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	134478	18.976	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	137927	19.029	ug/l	98
89) n-Butylbenzene	12.37	91	213404	19.594	ug/l	100
90) Hexachloroethane	12.58	117	42730	18.919	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	131850	19.203	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23695	18.715	ug/l	97

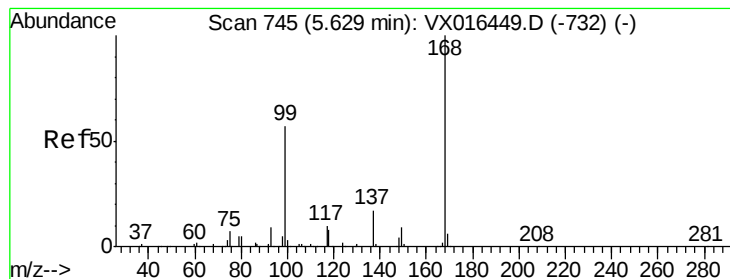
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
Data File : VX016475.D
Acq On : 28 May 2020 11:21
Operator : JC/SP
Sample : VX0528WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Quant Time: May 28 13:11:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	88141	19.329	ug/l	100
94) Hexachlorobutadiene	13.77	225	35472	19.813	ug/l	98
95) Naphthalene	13.82	128	308381	19.727	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	88306	19.767	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

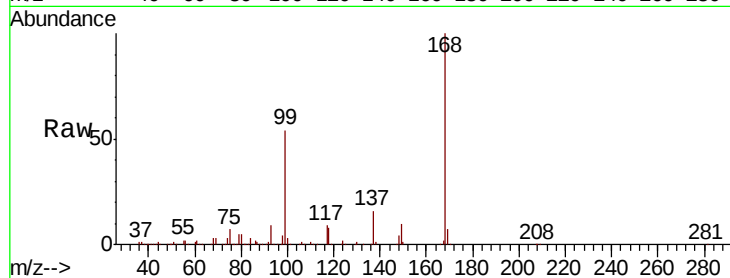
VX0528WBS01

Tot Ion:168 Resp: 327322

Ion Ratio Lower Upper

168 100

99 54.1 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

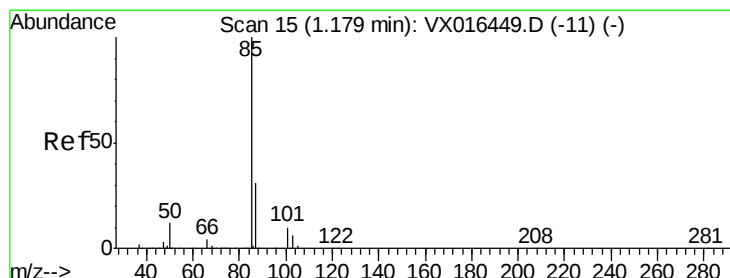
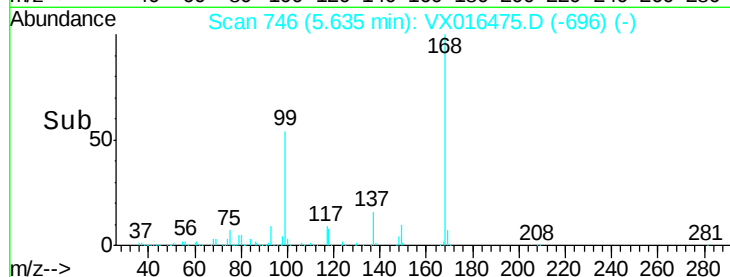
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.238 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016475.D

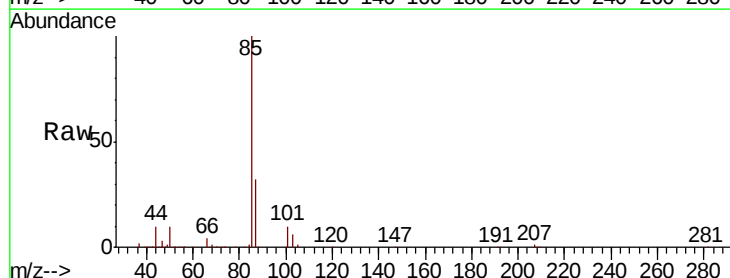
Acq: 28 May 2020 11:21

Tgt Ion: 85 Resp: 61968

Ion Ratio Lower Upper

85 100

87 32.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

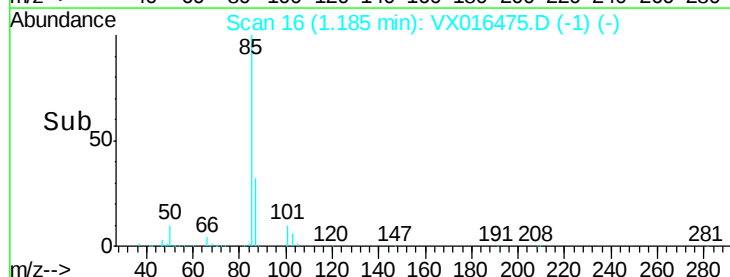
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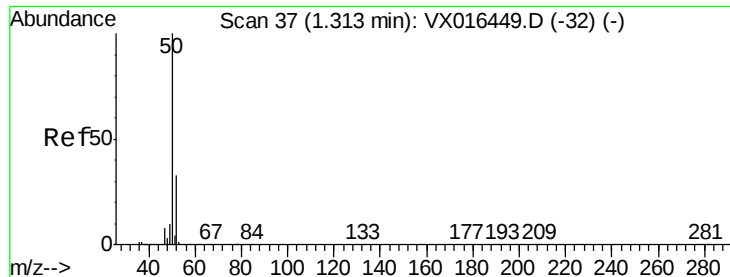
20000

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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.635 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

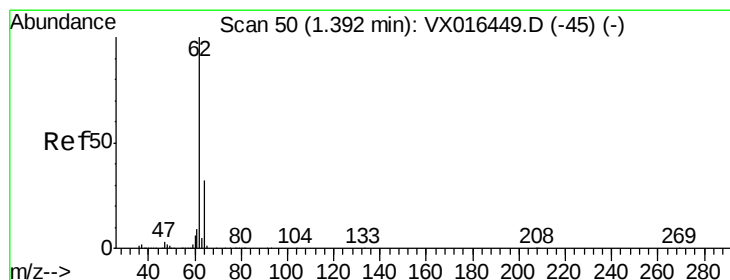
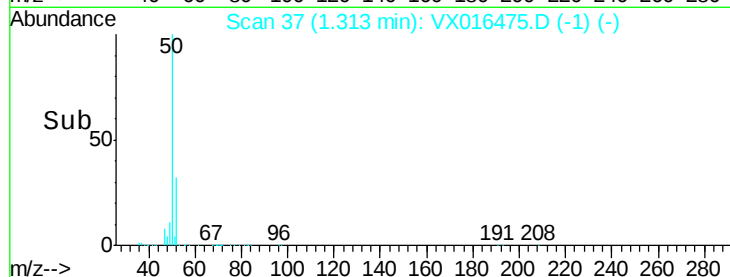
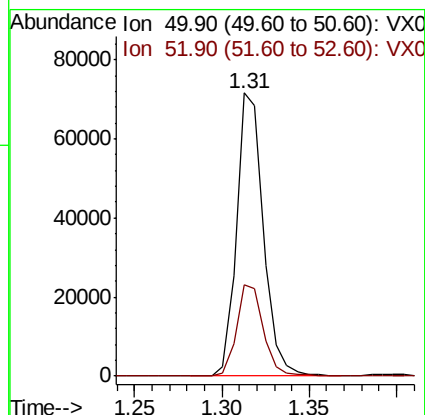
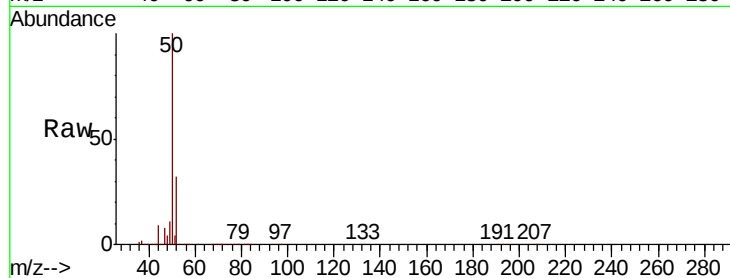
VX0528WBS01

Tot Ion: 50 Resp: 76433

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 19.301 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016475.D

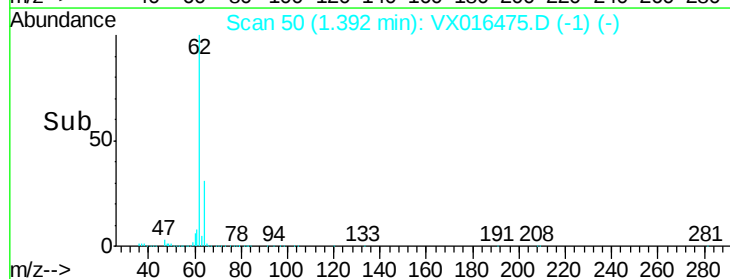
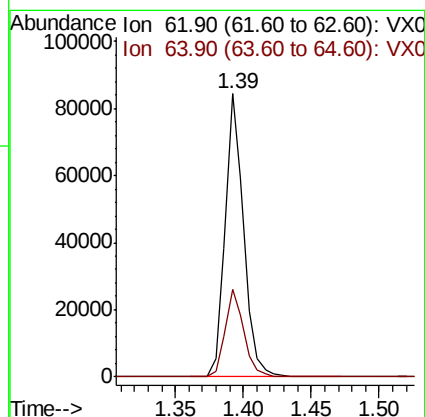
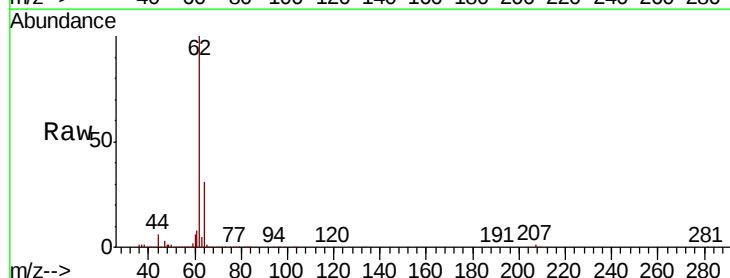
Acq: 28 May 2020 11:21

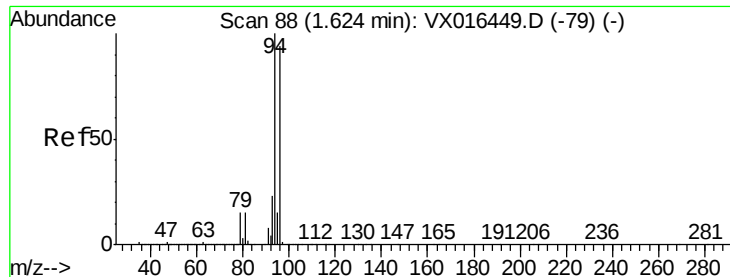
Tgt Ion: 62 Resp: 79455

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9





#5

Bromomethane

Concen: 23.645 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

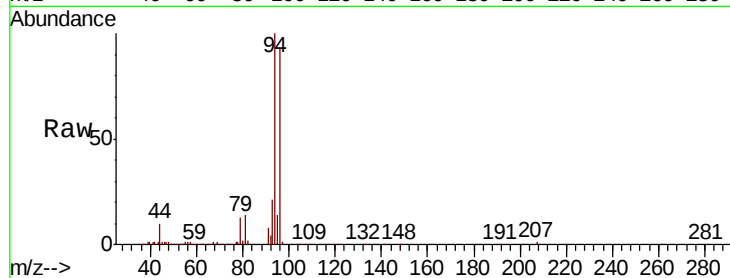
VX0528WBS01

Tot Ion: 94 Resp: 47328

Ion Ratio Lower Upper

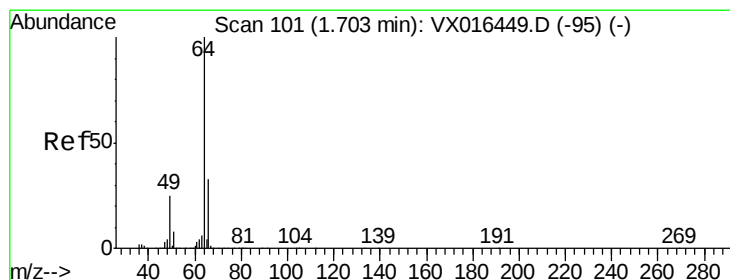
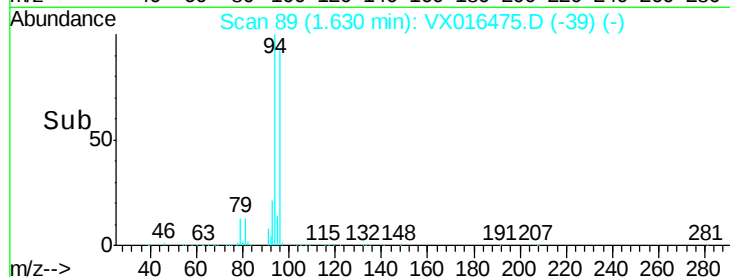
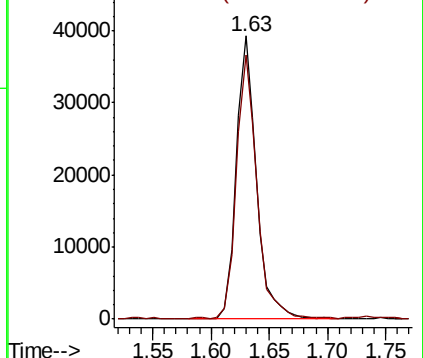
94 100

96 93.4 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.905 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016475.D

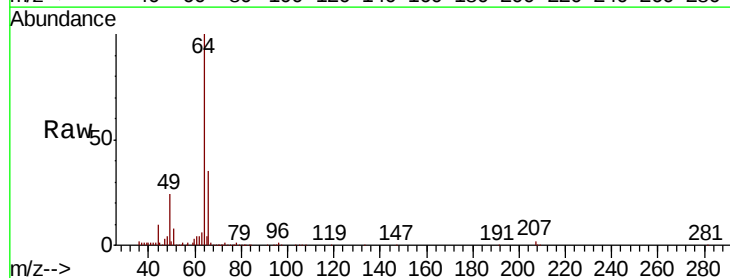
Acq: 28 May 2020 11:21

Tgt Ion: 64 Resp: 47799

Ion Ratio Lower Upper

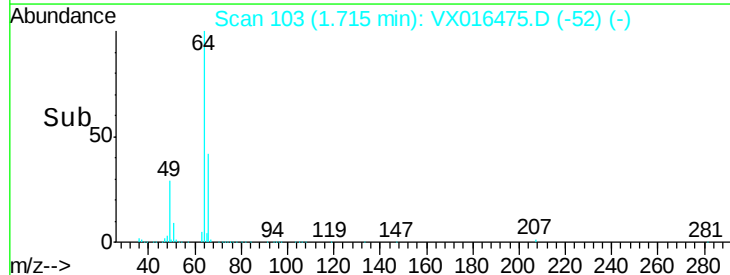
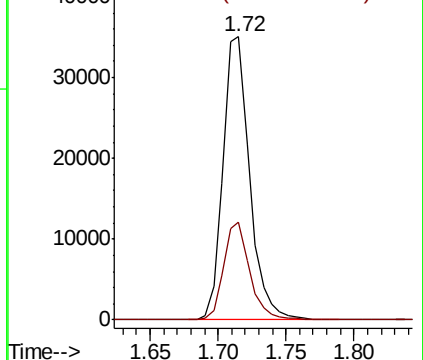
64 100

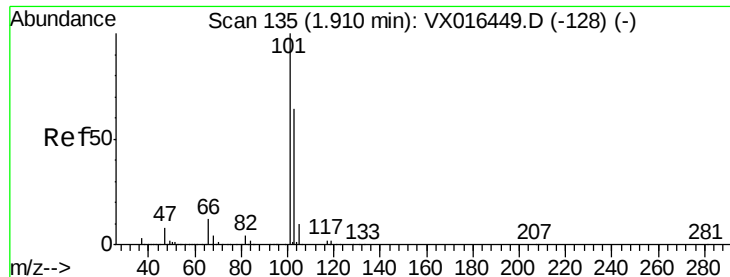
66 34.5 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



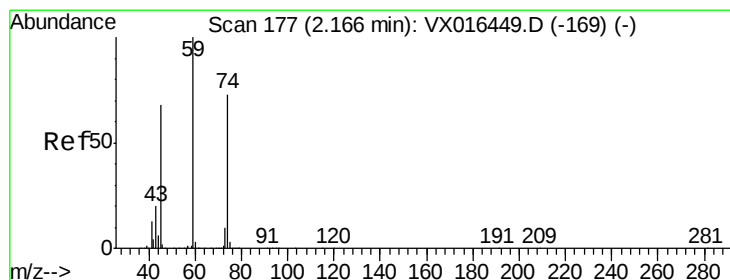
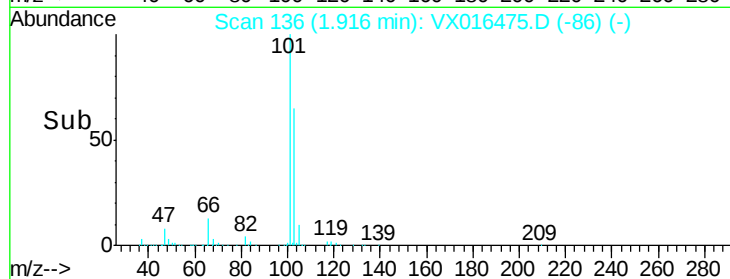
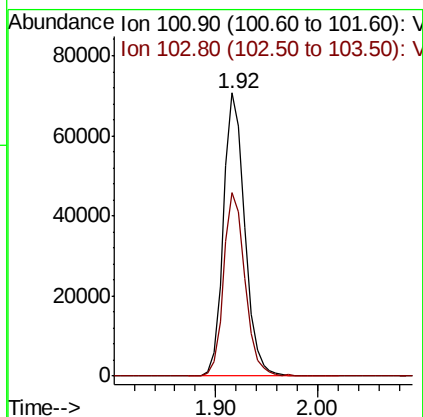
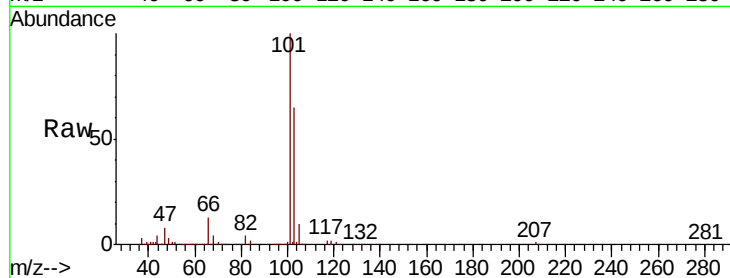


#7

Trichlorofluoromethane
 Concen: 18.966 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

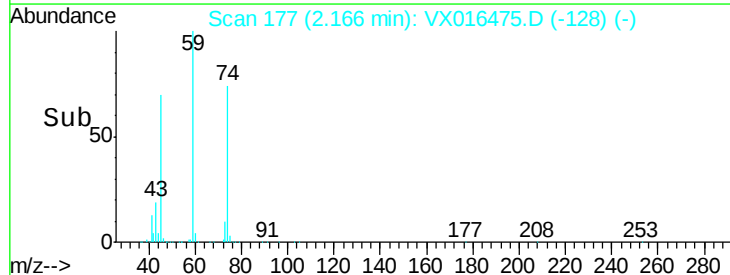
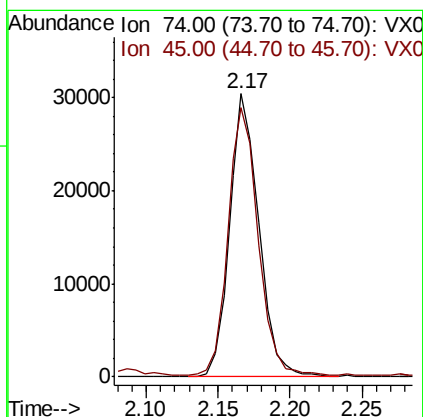
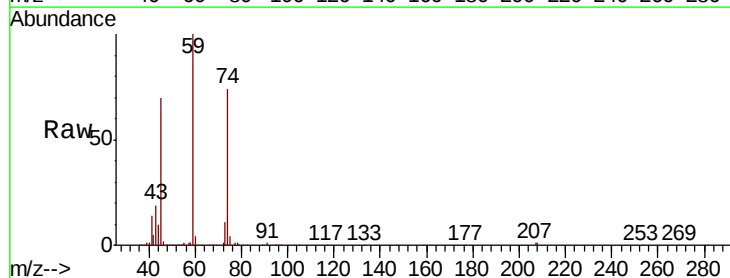
Tot Ion:101 Resp: 102539
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.9 76.3



#8

Diethyl Ether
 Concen: 19.200 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Tgt Ion: 74 Resp: 43283
 Ion Ratio Lower Upper
 74 100
 45 96.5 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.853 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

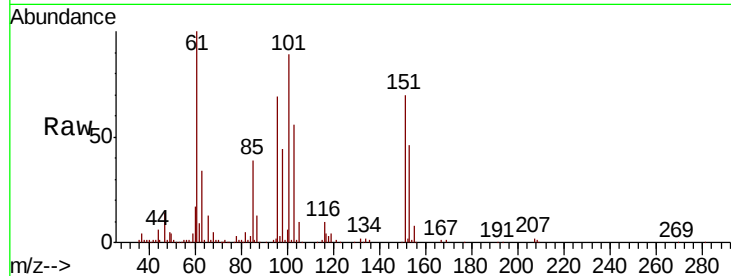
Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

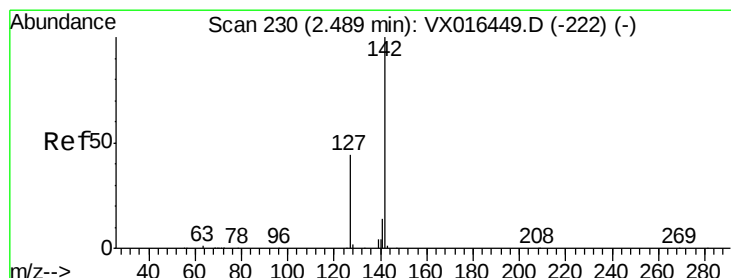
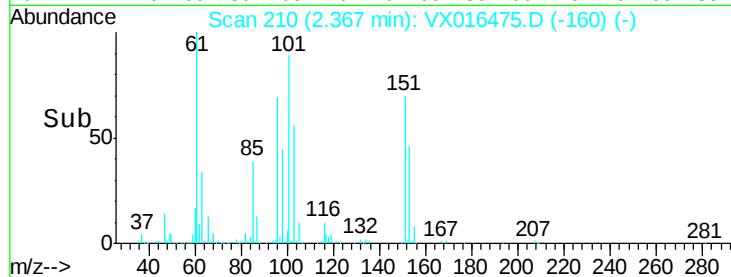
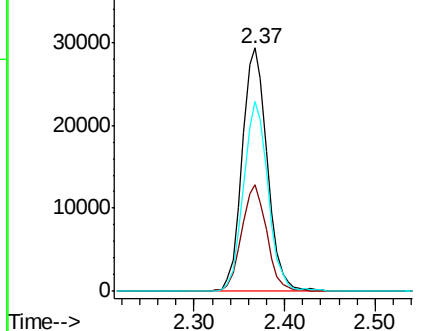
Tot Ion:101	Resp:	56097
Ion Ratio	Lower	Upper
101	100	
85	44.0	34.4 51.6
151	77.0	63.8 95.6



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: 17.891 ug/l

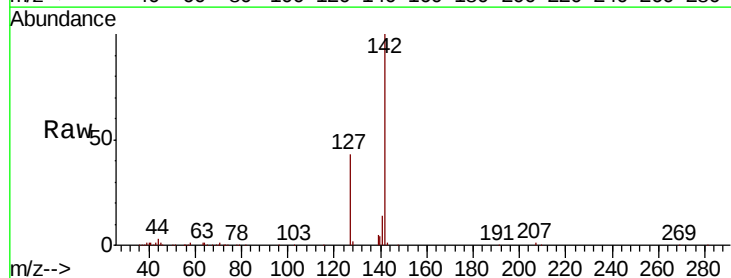
RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

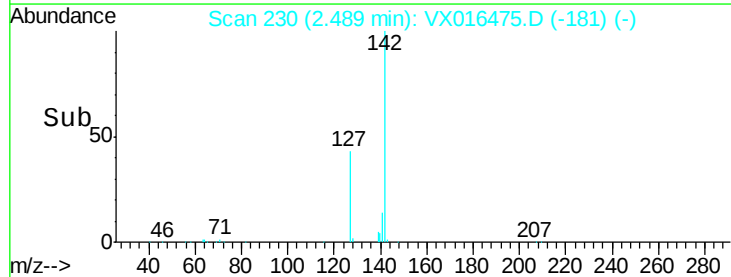
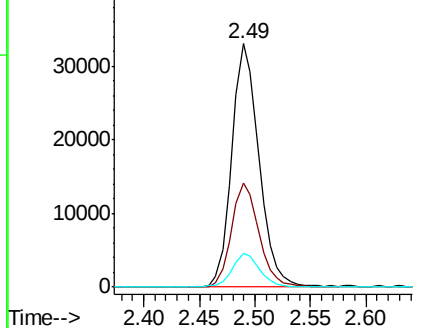
Tgt Ion:142	Resp:	56171
Ion Ratio	Lower	Upper
142	100	
127	43.2	35.3 52.9
141	14.1	11.4 17.2

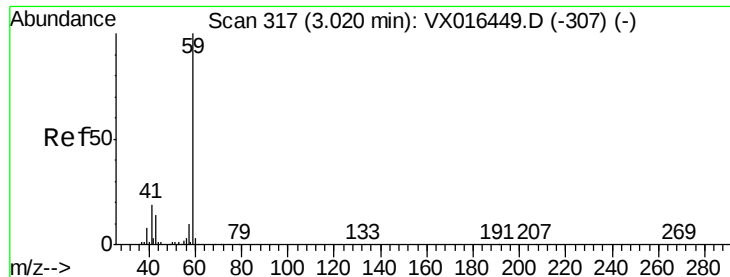


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

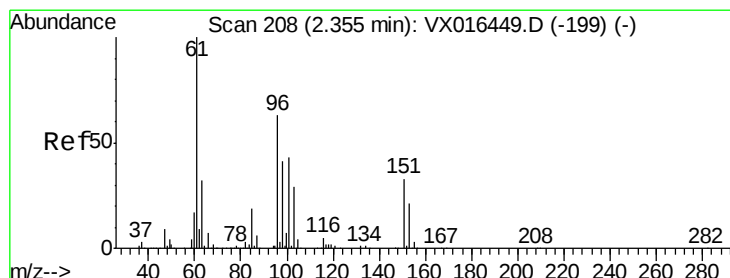
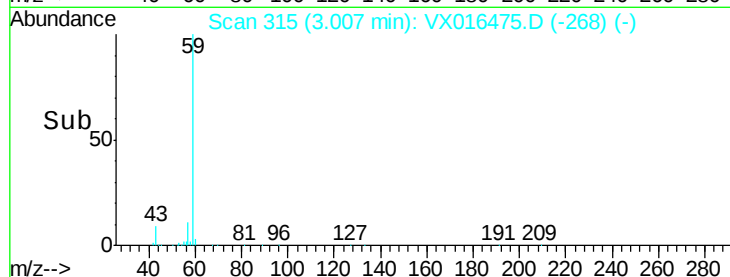
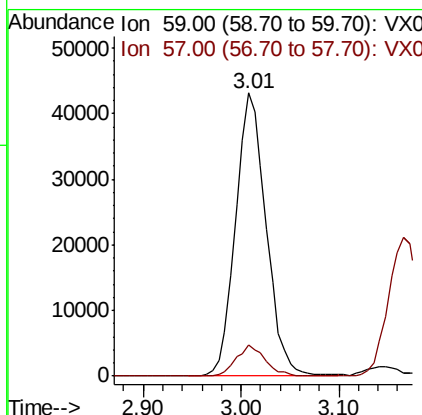
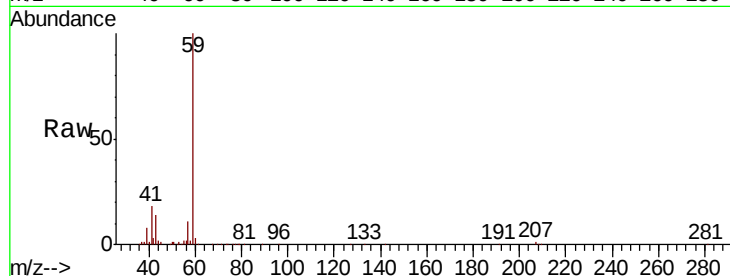




#11
Tert butyl alcohol
Concen: 89.710 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

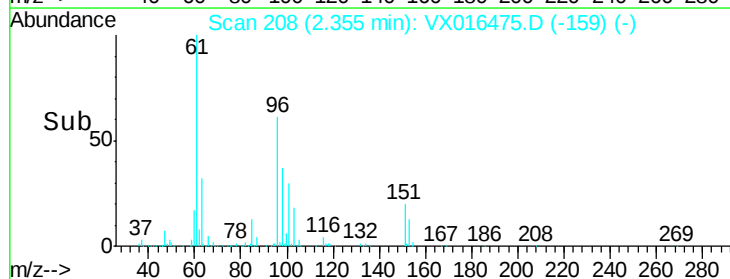
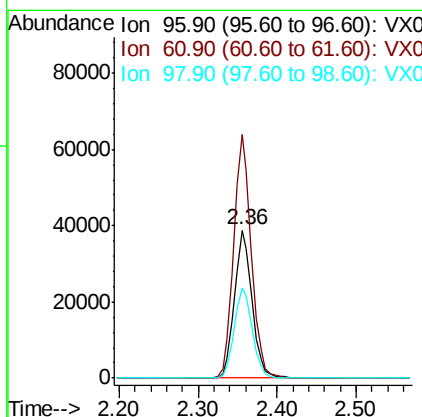
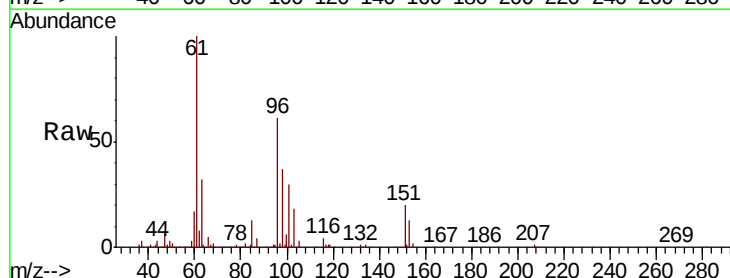
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

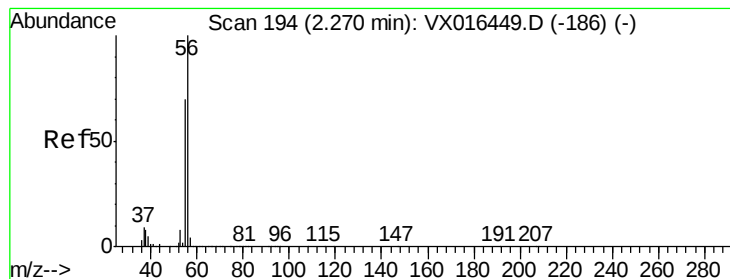
Tot Ion: 59 Resp: 93511
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.055 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion: 96 Resp: 60014
Ion Ratio Lower Upper
96 100
61 165.1 126.6 189.8
98 61.4 51.3 76.9





#13

Acrolein

Concen: 93.511 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

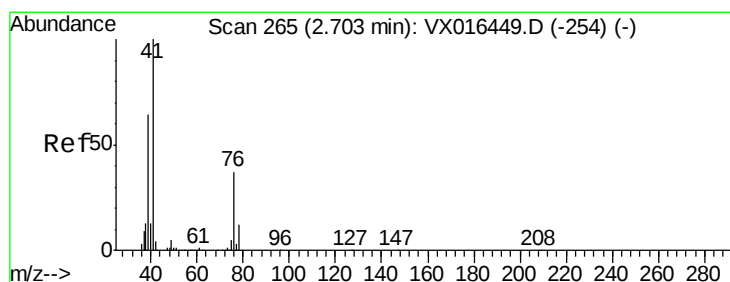
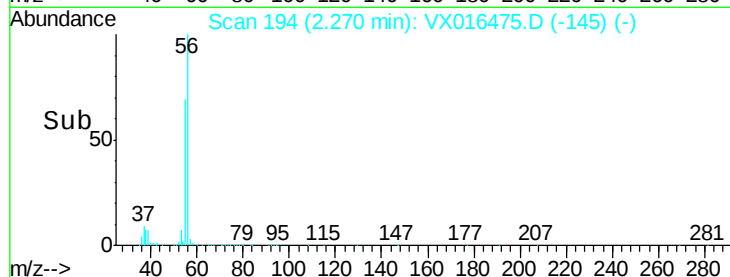
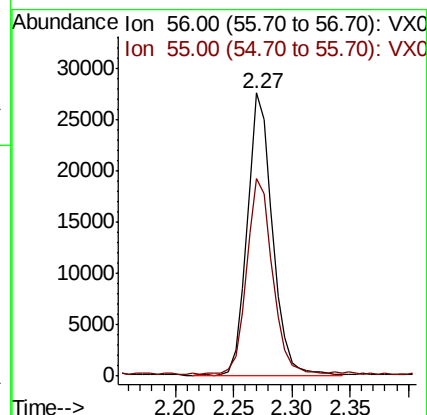
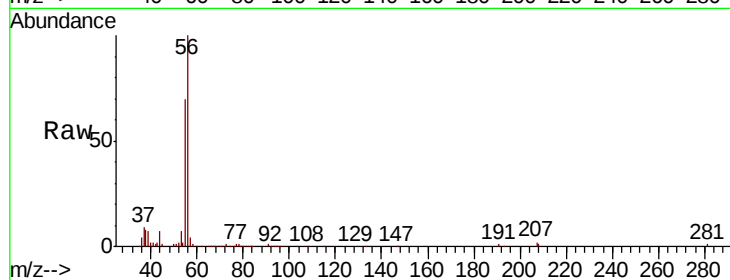
VX0528WBS01

Tot Ion: 56 Resp: 41464

Ion Ratio Lower Upper

56 100

55 70.0 58.3 87.5



#14

Allyl chloride

Concen: 19.636 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

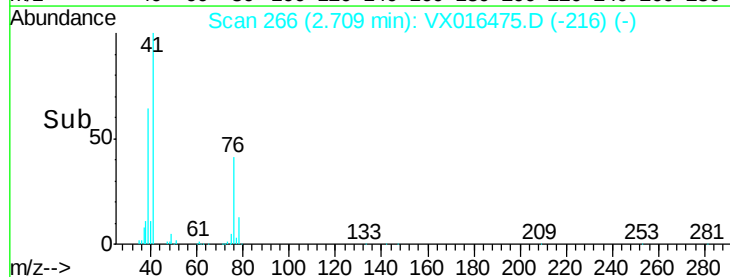
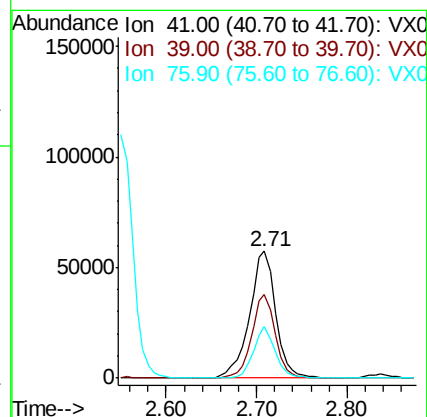
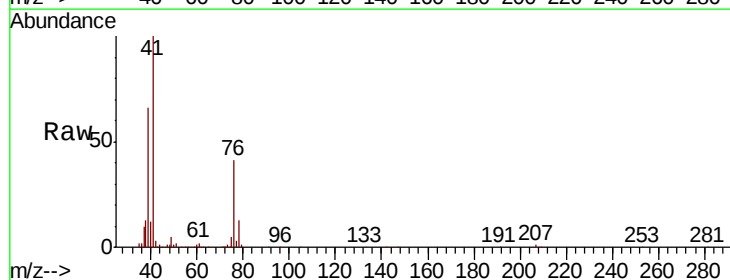
Tgt Ion: 41 Resp: 113736

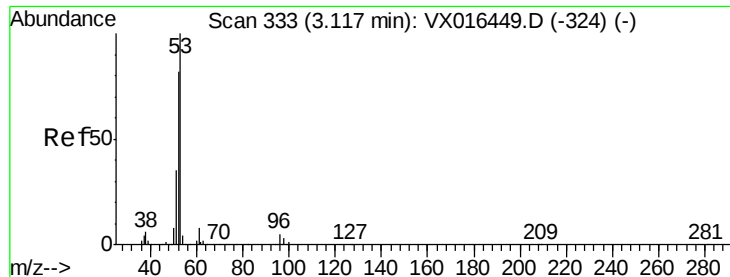
Ion Ratio Lower Upper

41 100

39 59.6 47.7 71.5

76 34.0 26.6 40.0





#15

Acrylonitrile

Concen: 94.521 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

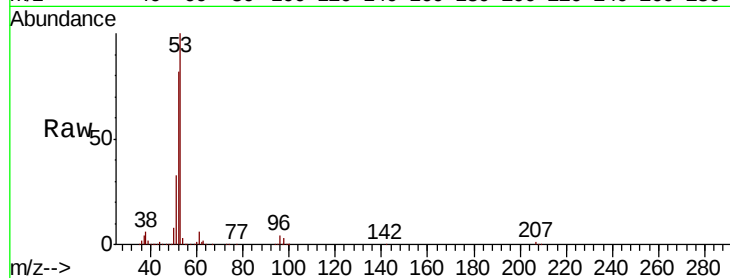
Tot Ion: 53 Resp: 201825

Ion Ratio Lower Upper

53 100

52 82.1 66.7 100.1

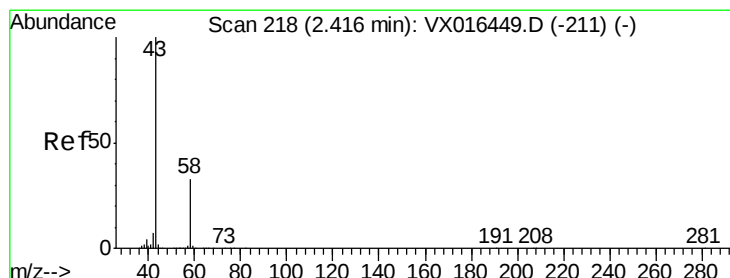
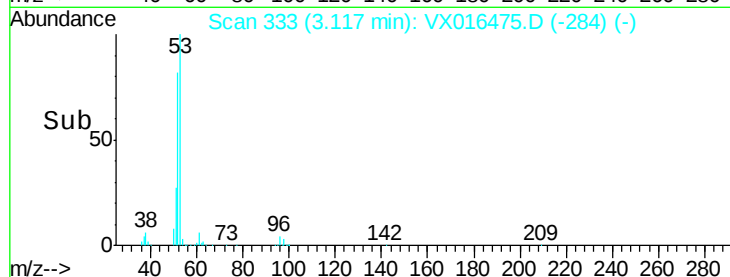
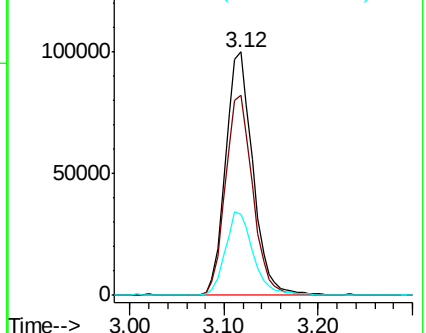
51 35.1 28.6 43.0



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: 92.888 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016475.D

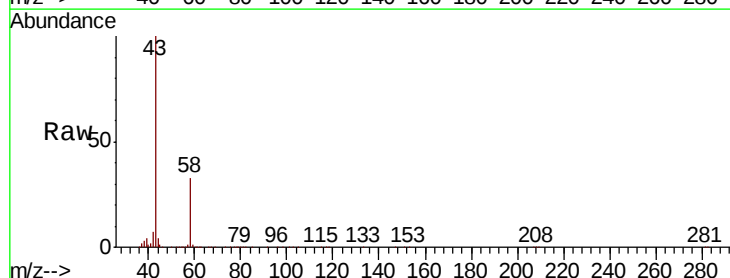
Acq: 28 May 2020 11:21

Tgt Ion: 43 Resp: 165428

Ion Ratio Lower Upper

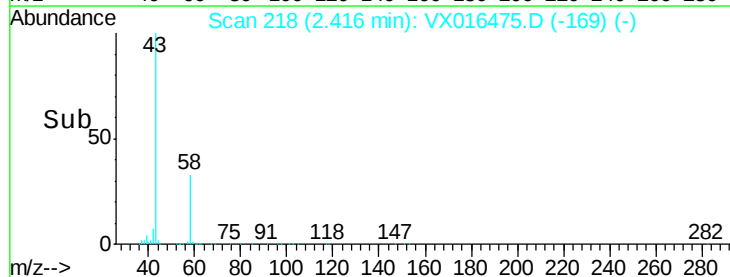
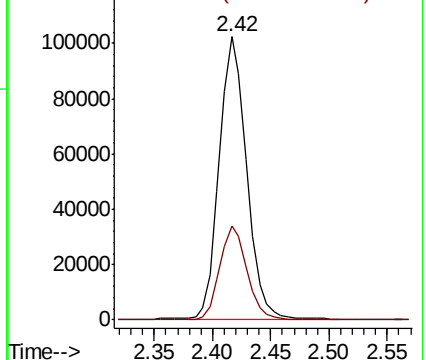
43 100

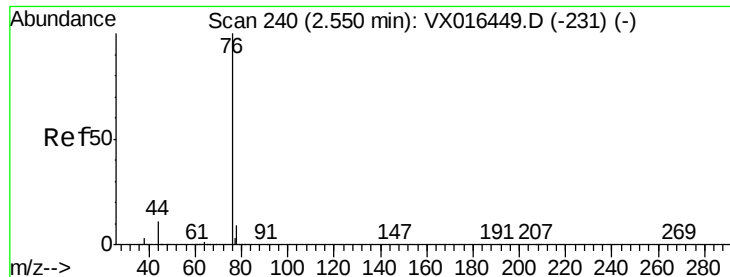
58 33.0 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.068 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

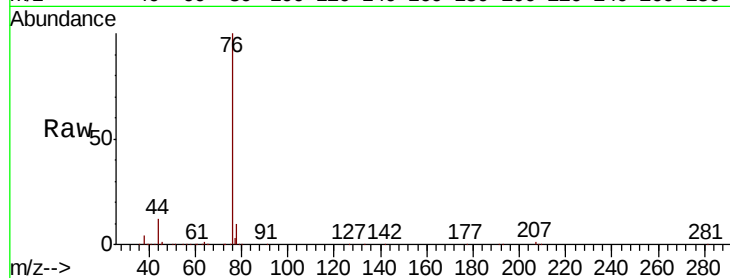
VX0528WBS01

Tot Ion: 76 Resp: 178339

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

120000

100000

80000

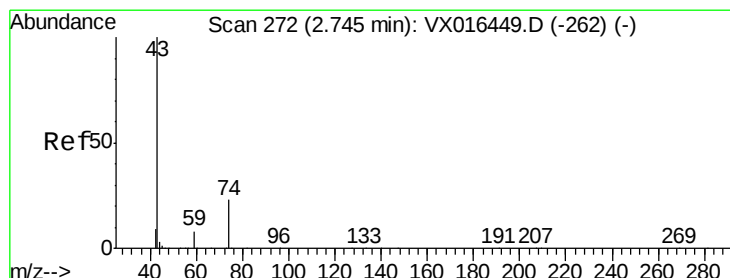
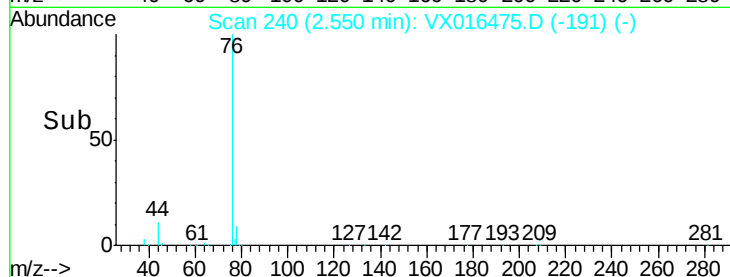
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 19.306 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016475.D

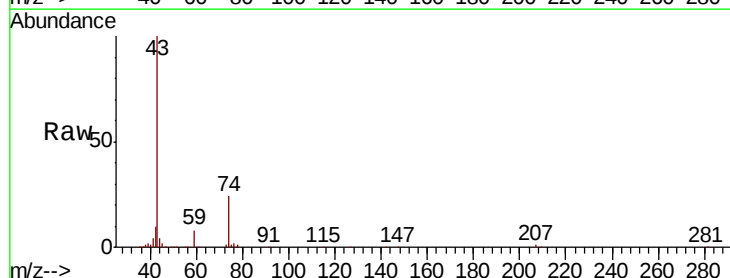
Acq: 28 May 2020 11:21

Tgt Ion: 43 Resp: 88184

Ion Ratio Lower Upper

43 100

74 24.7 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

50000

40000

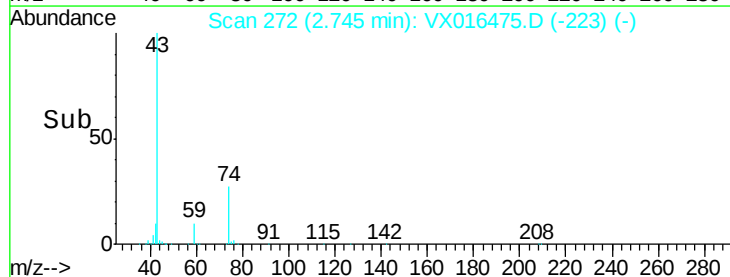
30000

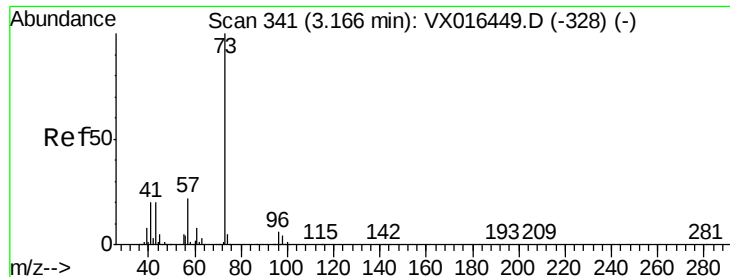
20000

10000

0

Time-->



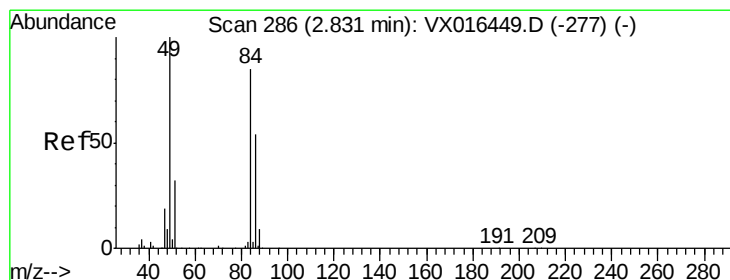
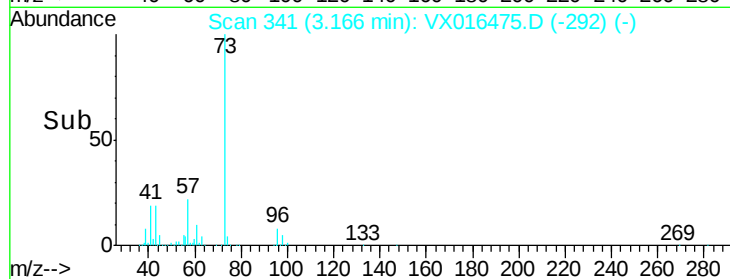
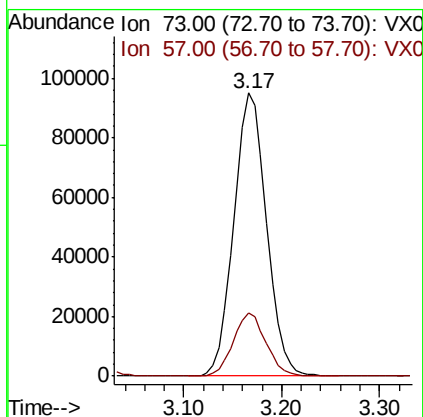
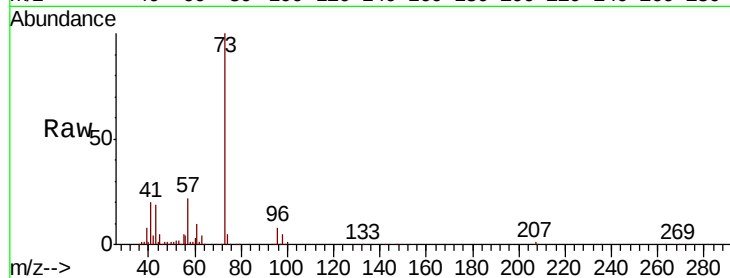


#19

Methyl tert-butyl Ether
 Concen: 19.441 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

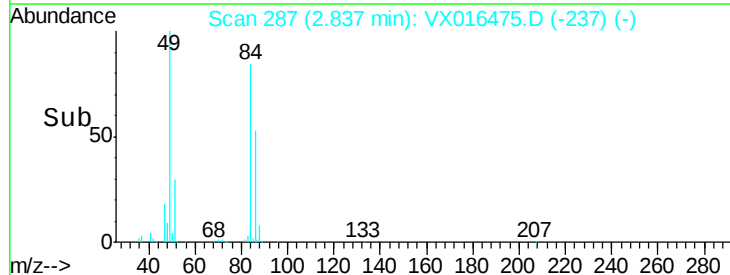
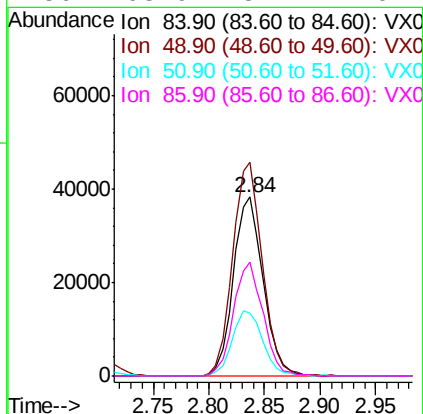
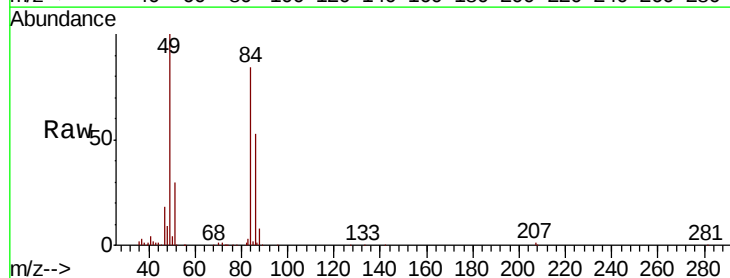
Tot Ion: 73 Resp: 219874
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.8 26.6

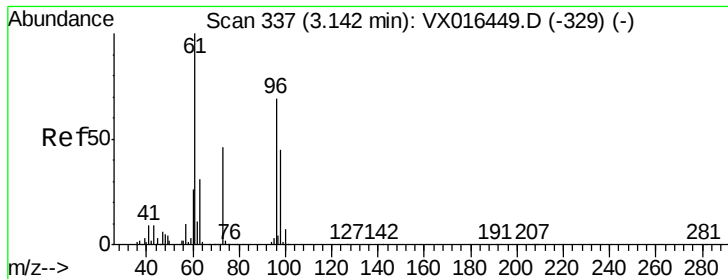


#20

Methylene Chloride
 Concen: 19.196 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Tgt Ion: 84 Resp: 70730
 Ion Ratio Lower Upper
 84 100
 49 119.4 94.5 141.7
 51 35.3 30.2 45.4
 86 63.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.392 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

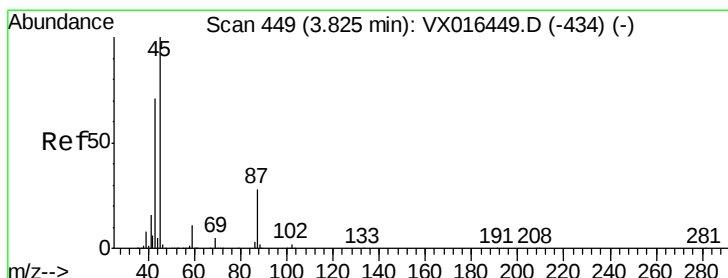
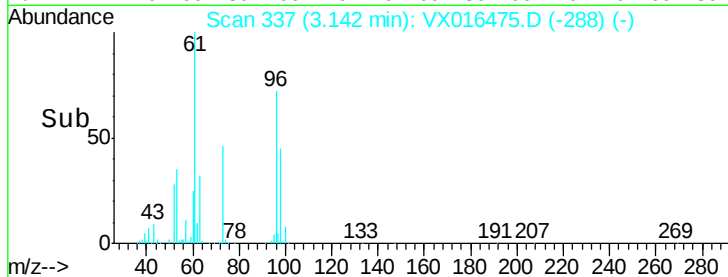
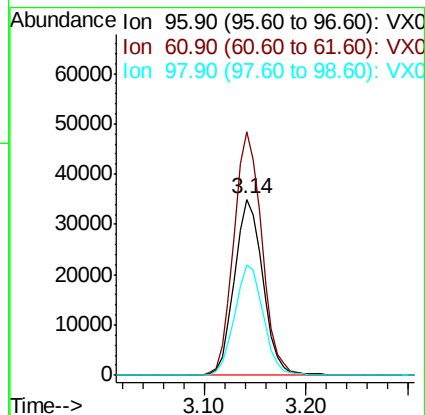
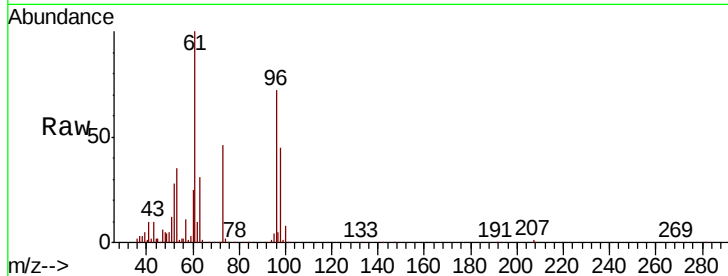
Tot Ion: 96 Resp: 67556

Ion Ratio Lower Upper

96 100

61 138.5 115.3 172.9

98 62.8 51.9 77.9



#22

Diisopropyl ether

Concen: 19.896 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion: 45 Resp: 221378

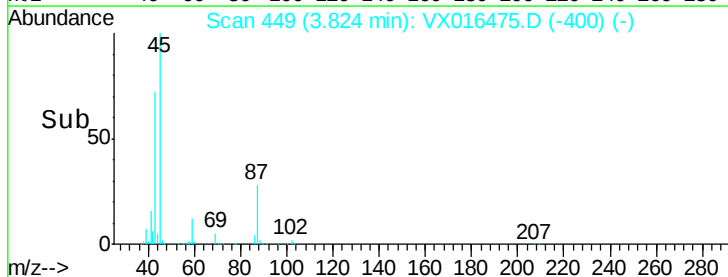
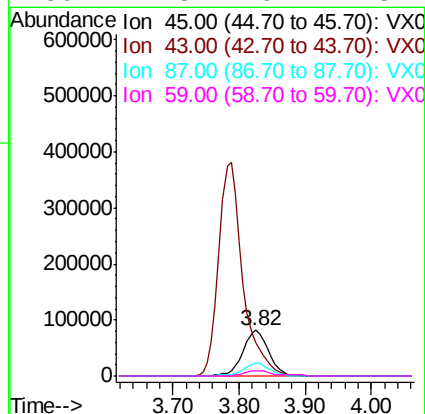
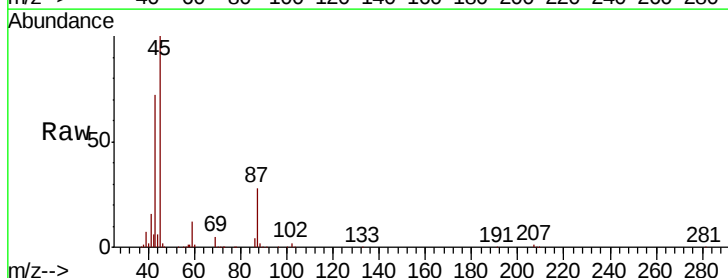
Ion Ratio Lower Upper

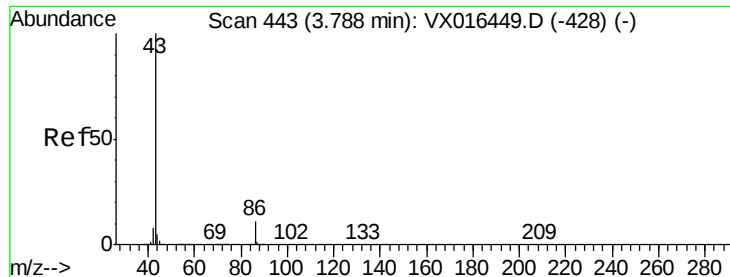
45 100

43 71.6 57.0 85.6

87 27.5 22.5 33.7

59 11.8 9.1 13.7





#23

Vinyl Acetate

Concen: 99.553 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

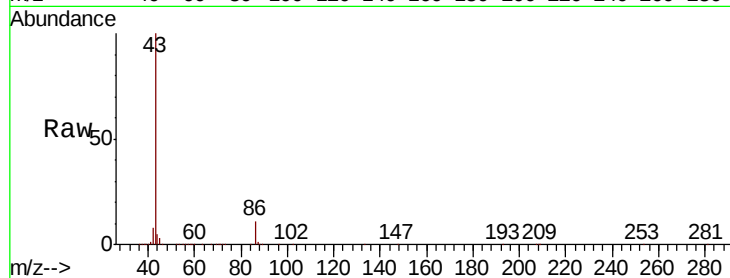
VX0528WBS01

Tot Ion: 43 Resp: 969600

Ion Ratio Lower Upper

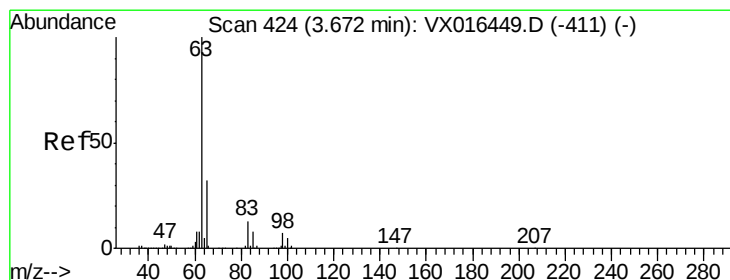
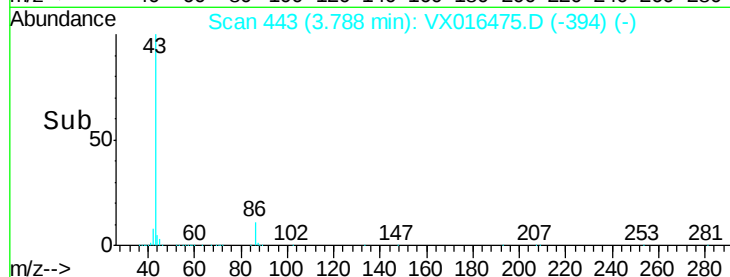
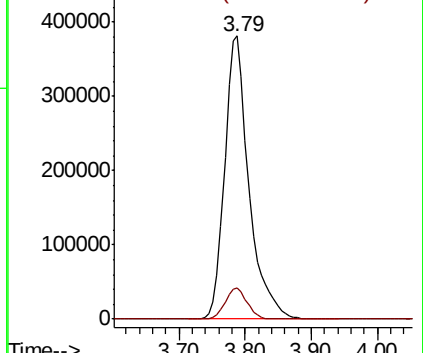
43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.451 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

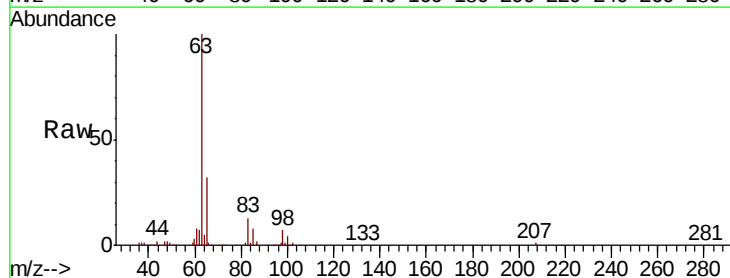
Tgt Ion: 63 Resp: 122155

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

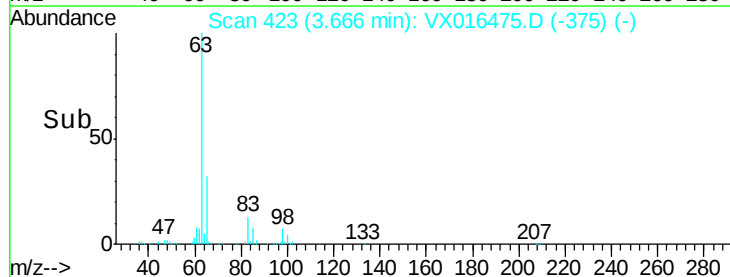
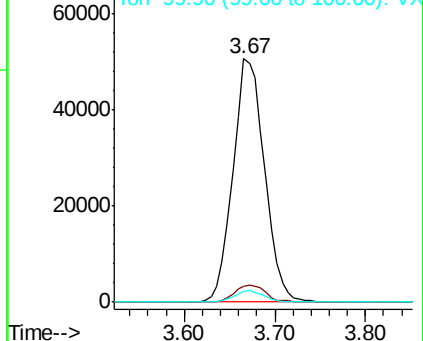
100 4.3 2.4 7.1

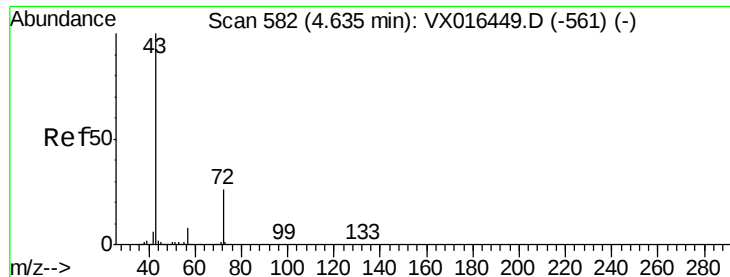


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

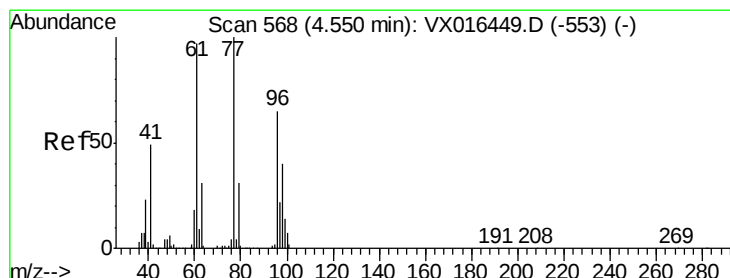
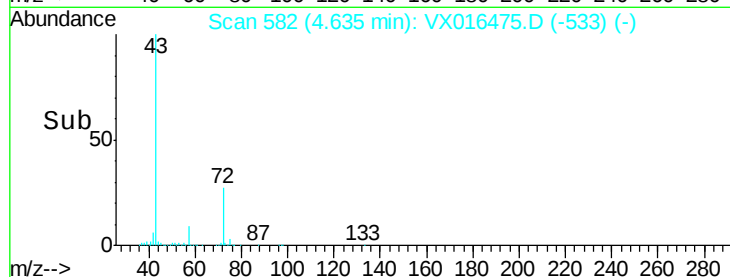
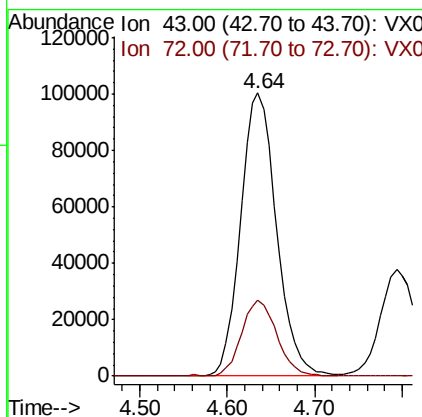
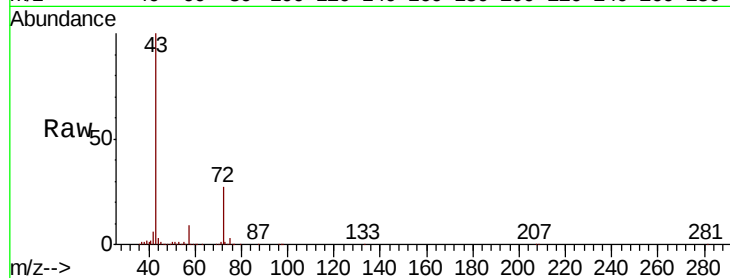




#25
2-Butanone
Concen: 94.171 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

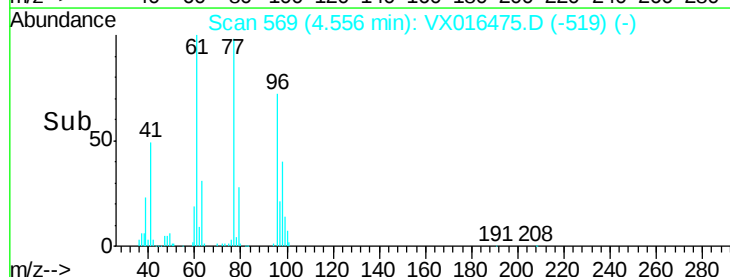
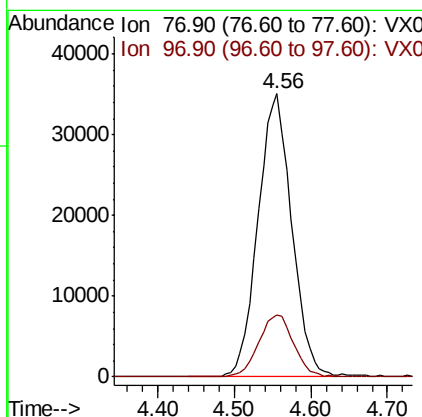
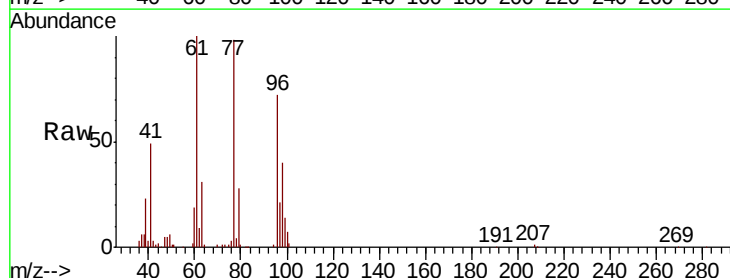
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

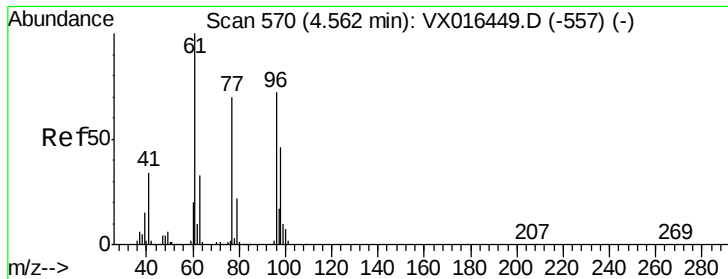
Tot Ion: 43 Resp: 284182
Ion Ratio Lower Upper
43 100
72 26.7 21.0 31.6



#26
2,2-Dichloropropane
Concen: 20.952 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion: 77 Resp: 107673
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.4



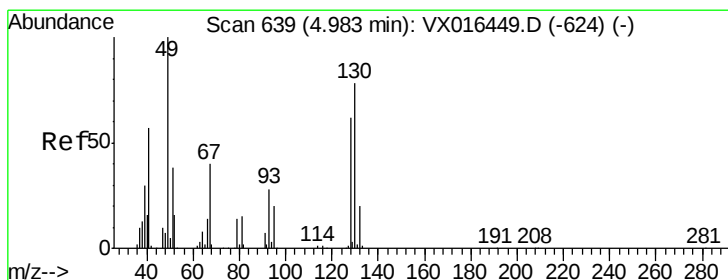
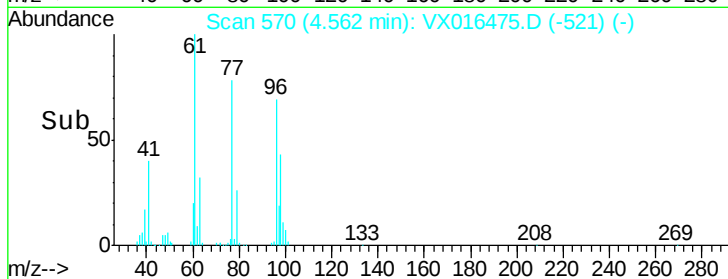
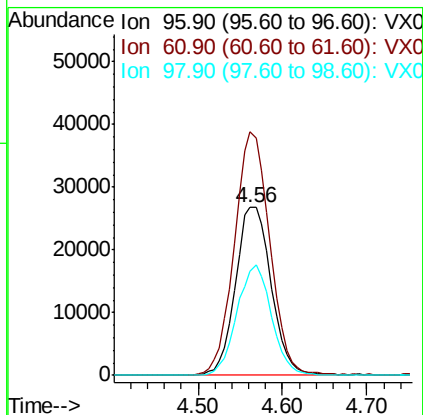
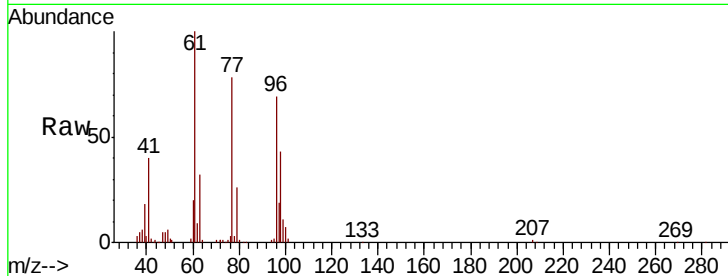


#27

cis-1,2-Dichloroethene
Concen: 19.102 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

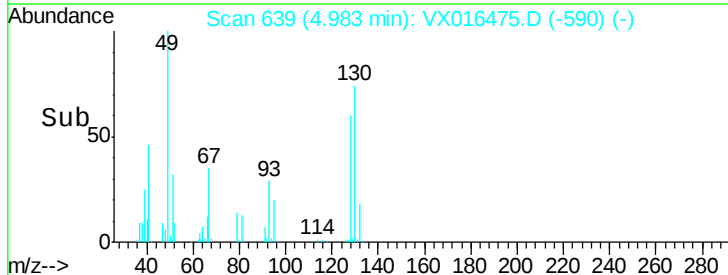
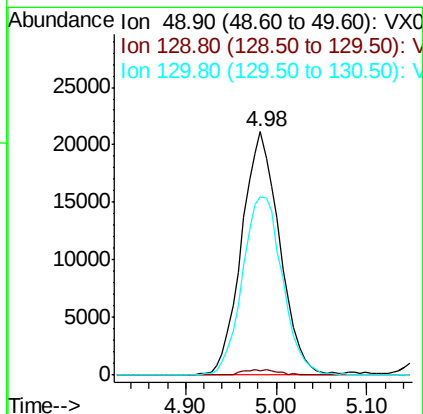
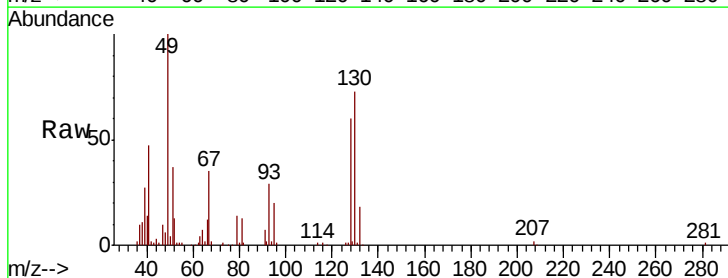
Tot Ion	96	Resp	76986
Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	284.6
98	63.6	0.0	127.2

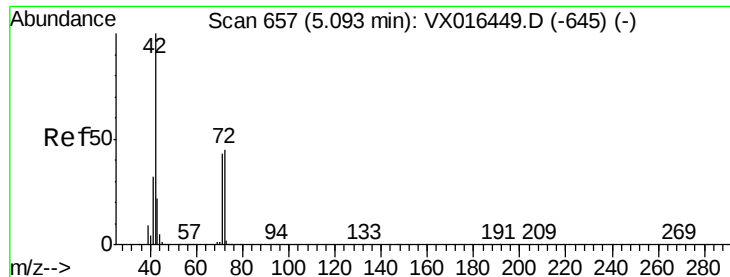


#28

Bromochloromethane
Concen: 20.995 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	49	Resp	61273
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	77.2	63.0	94.4





#29

Tetrahydrofuran

Concen: 96.143 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

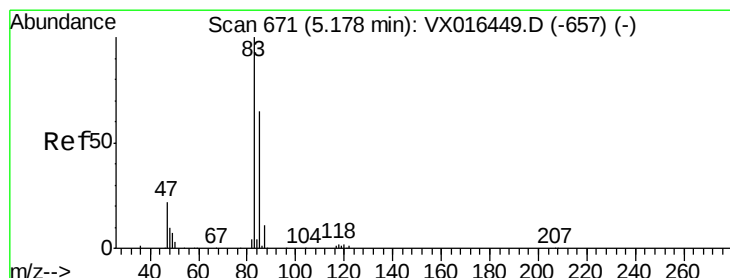
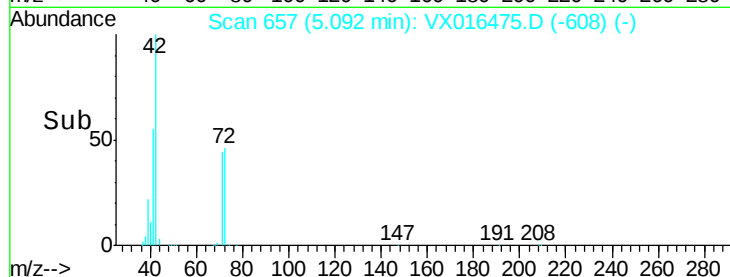
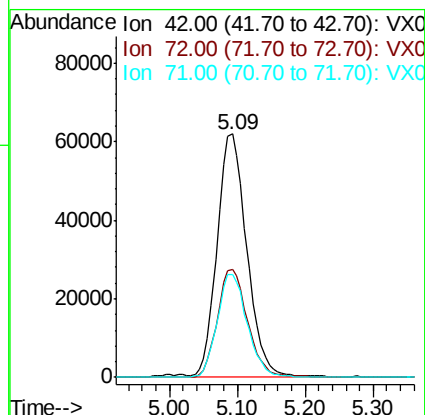
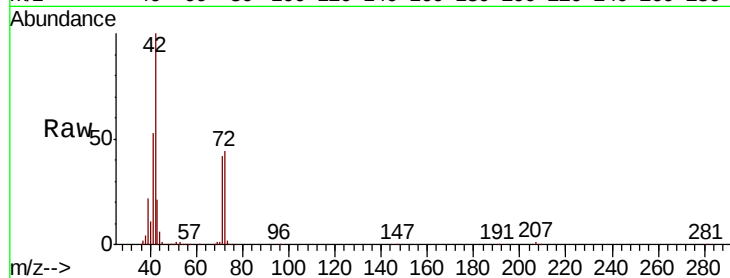
Tot Ion: 42 Resp: 187439

Ion Ratio Lower Upper

42 100

72 45.4 37.0 55.4

71 43.0 34.1 51.1



#30

Chloroform

Concen: 19.070 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016475.D

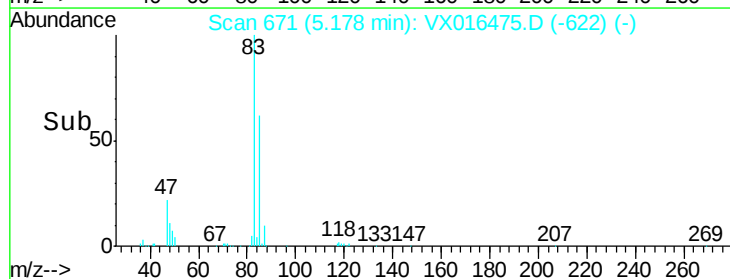
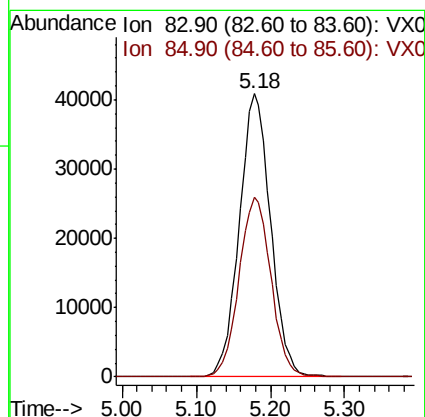
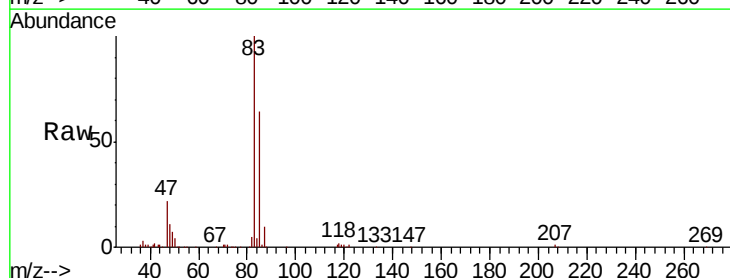
Acq: 28 May 2020 11:21

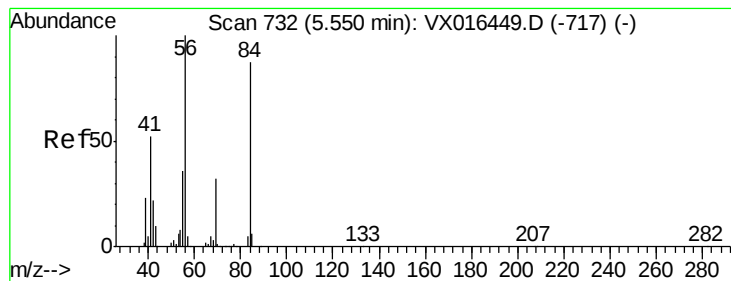
Tgt Ion: 83 Resp: 120676

Ion Ratio Lower Upper

83 100

85 63.5 52.0 78.0





#31

Cyclohexane

Concen: 18.519 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

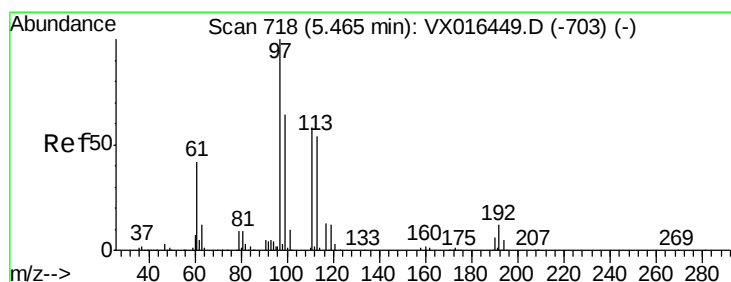
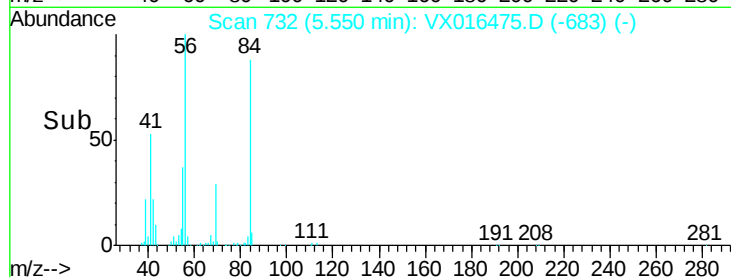
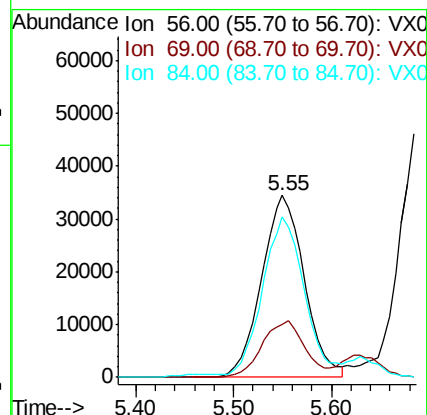
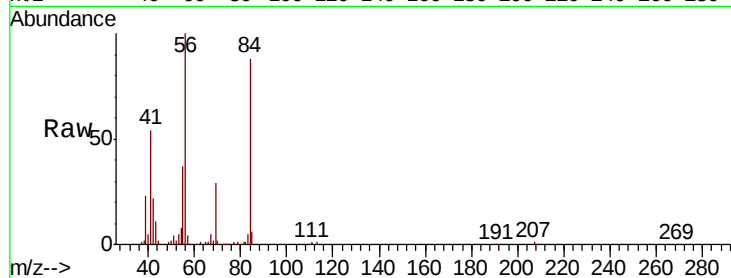
Tot Ion: 56 Resp: 104630

Ion Ratio Lower Upper

56 100

69 29.2 25.7 38.5

84 86.4 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 18.916 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

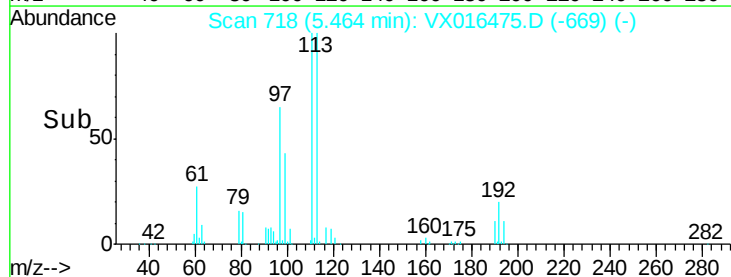
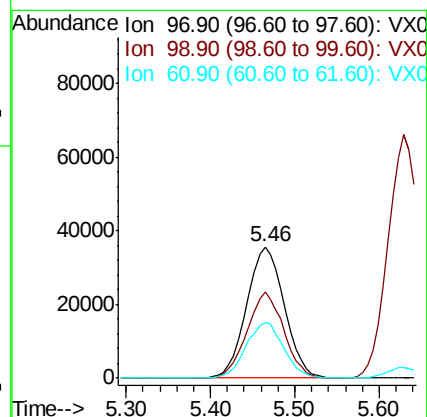
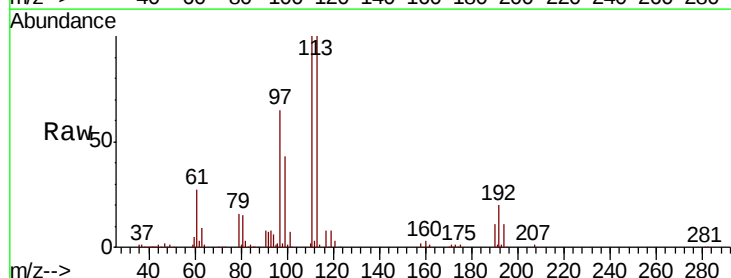
Tgt Ion: 97 Resp: 108370

Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.2

61 42.4 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 48.413 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

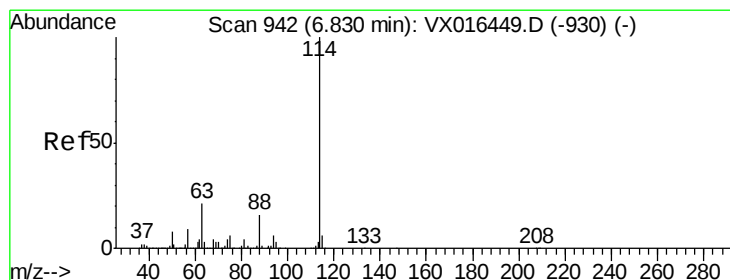
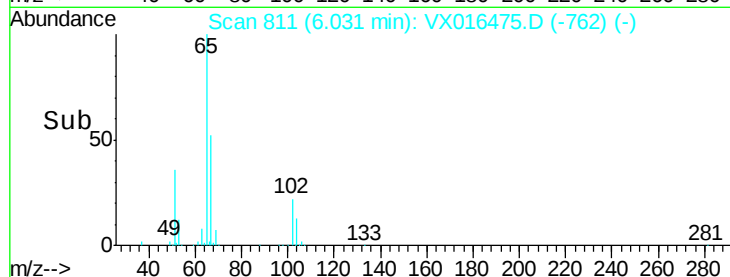
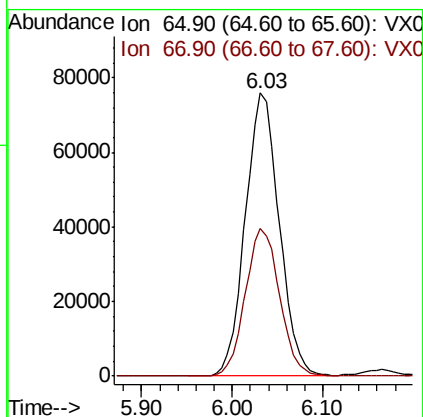
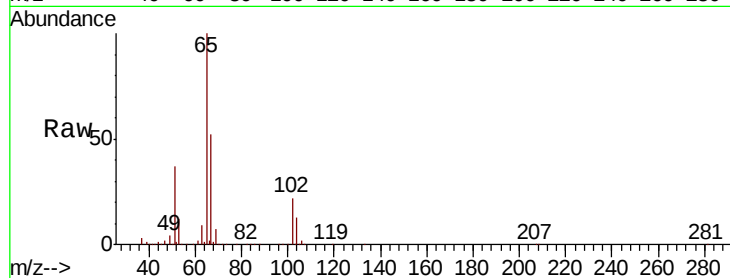
VX0528WBS01

Tot Ion: 65 Resp: 196795

Ion Ratio Lower Upper

65 100

67 52.9 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: VX016475.D

Acq: 28 May 2020 11:21

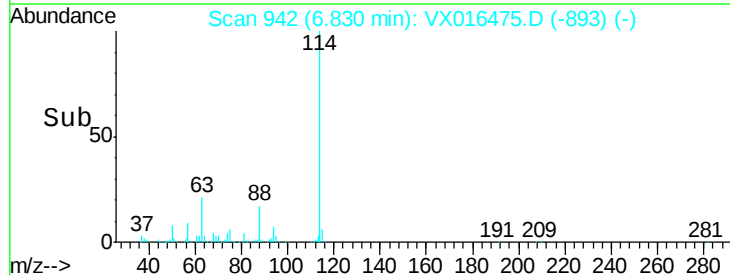
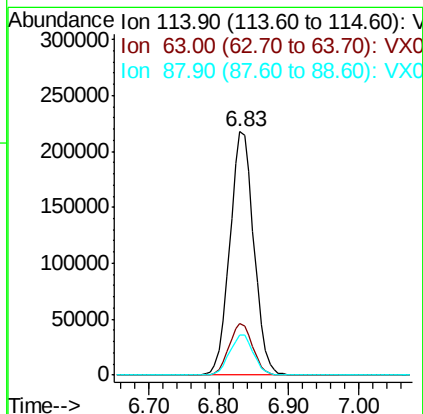
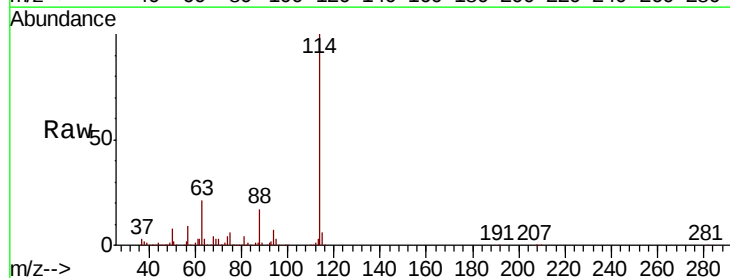
Tgt Ion: 114 Resp: 517995

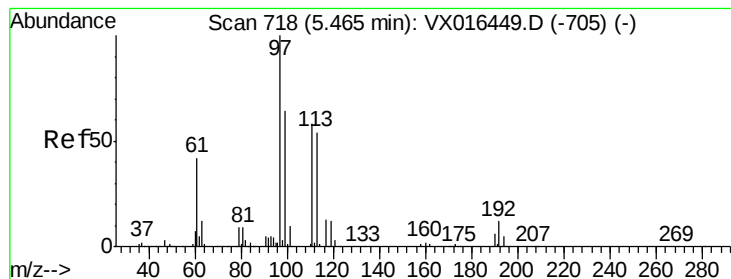
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.814 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

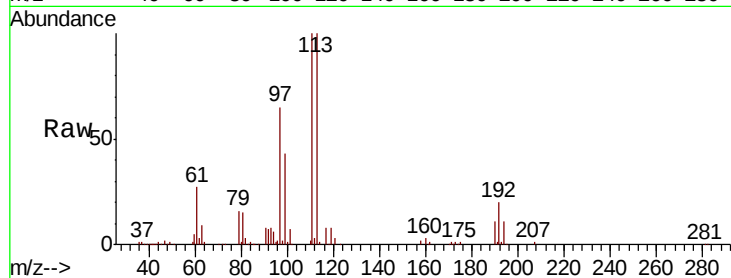
Tot Ion:113 Resp: 155694

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.6

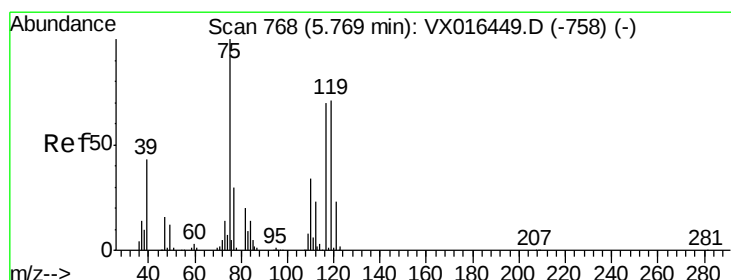
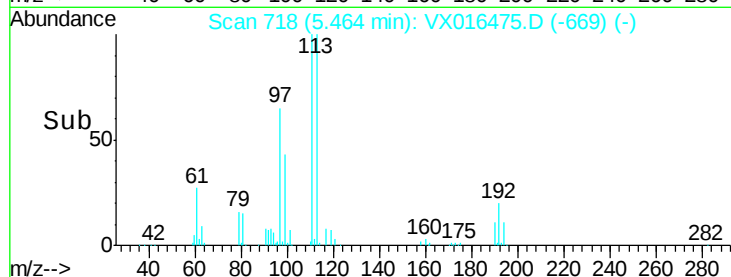
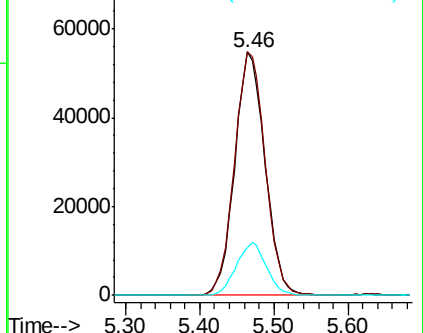
192 21.5 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.706 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

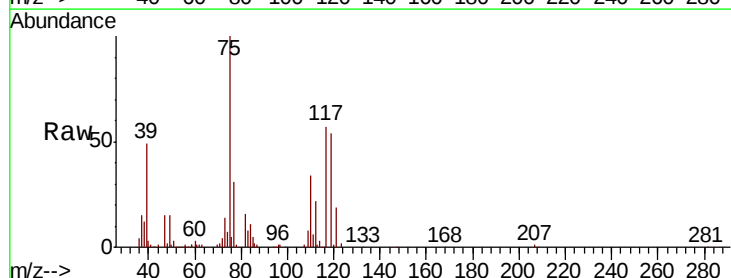
Tgt Ion: 75 Resp: 91744

Ion Ratio Lower Upper

75 100

110 36.0 17.4 52.3

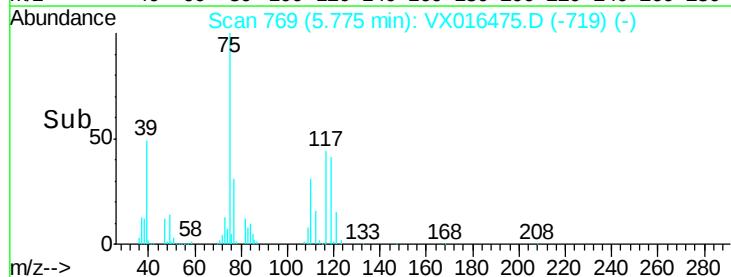
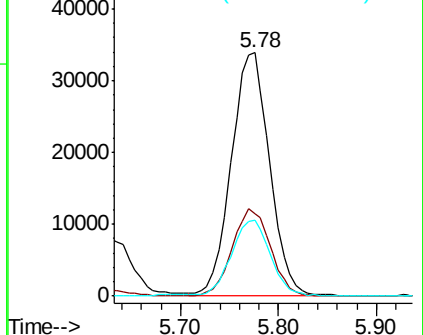
77 31.2 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

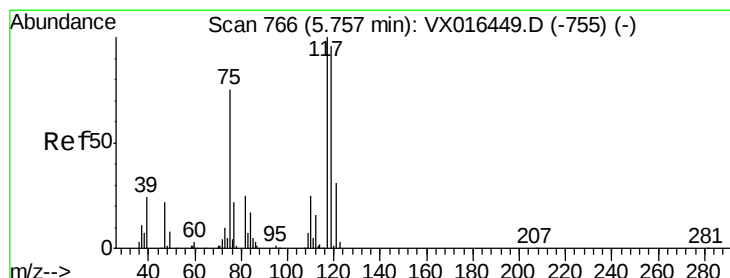
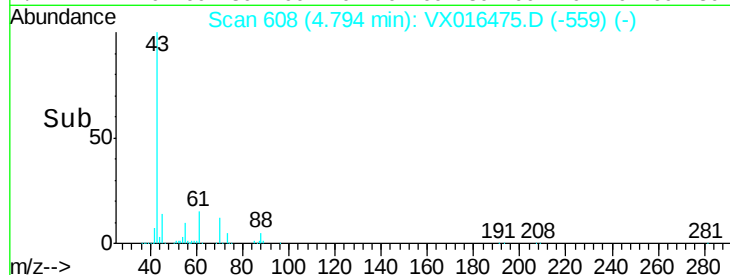
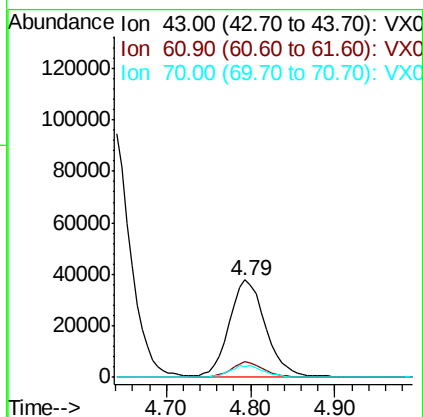
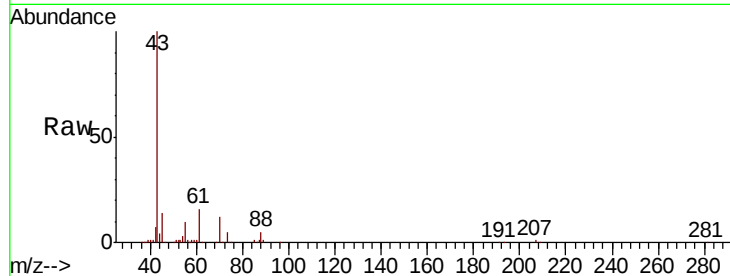




#37
Ethyl Acetate
Concen: 18.572 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

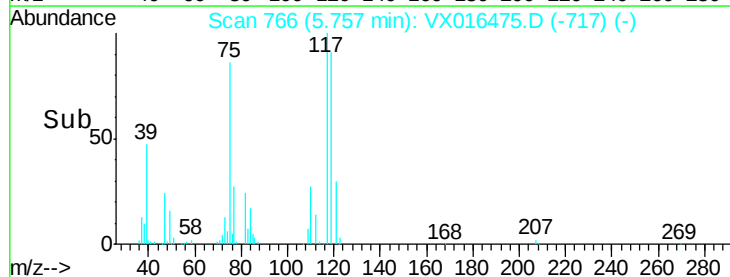
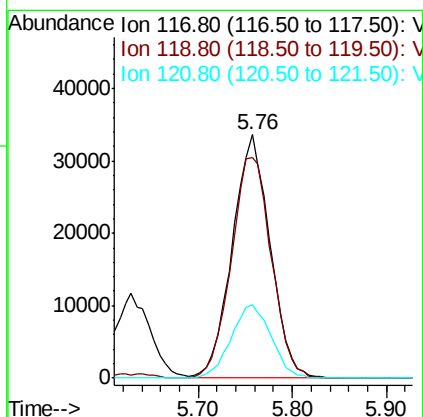
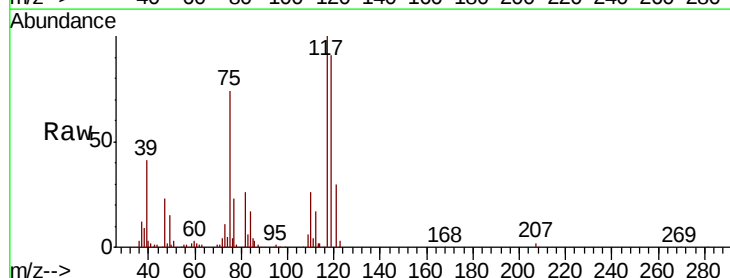
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

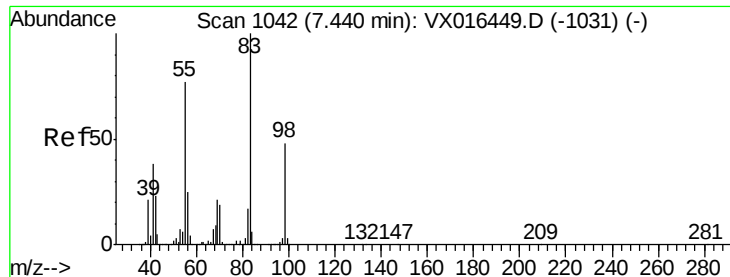
Tot Ion	43	Resp	109356
Ion Ratio	Lower	Upper	
43	100		
61	15.0	11.3	16.9
70	12.1	9.3	13.9



#38
Carbon Tetrachloride
Concen: 18.198 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion	117	Resp	93793
Ion Ratio	Lower	Upper	
117	100		
119	90.7	76.3	114.5
121	30.3	24.6	37.0

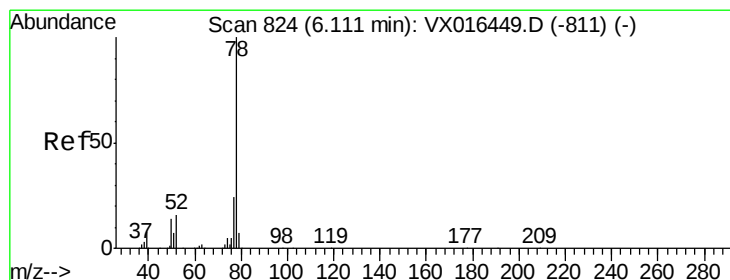
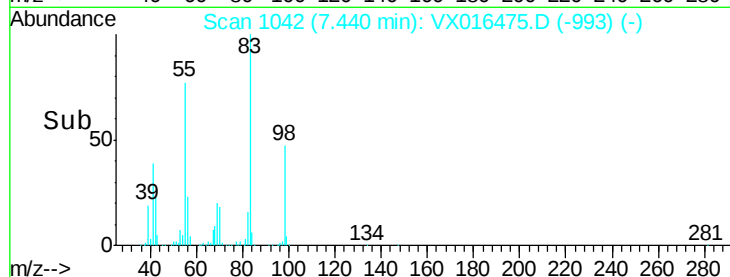
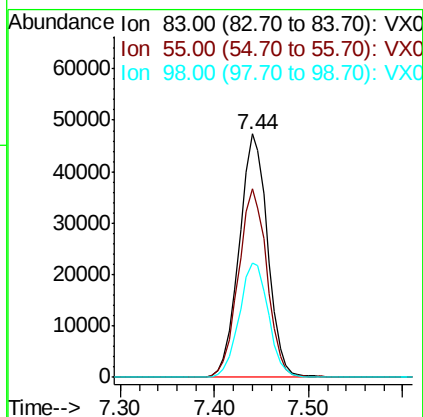
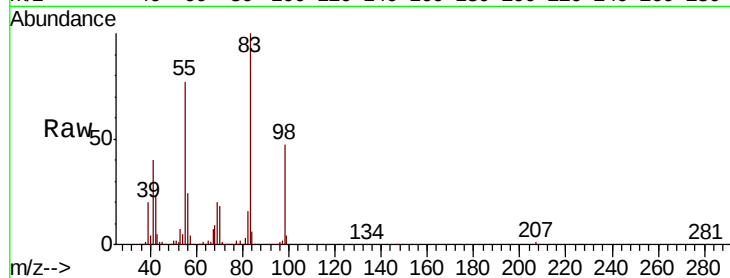




#39
Methvlcvclohexane
Concen: 18.726 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

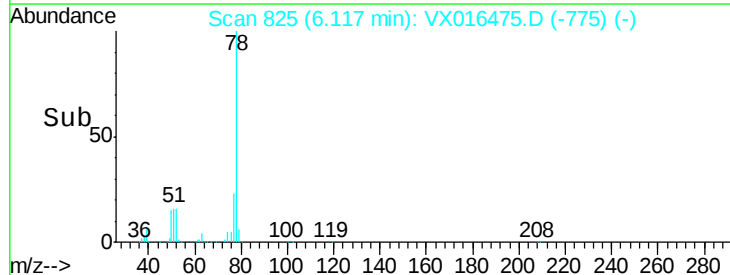
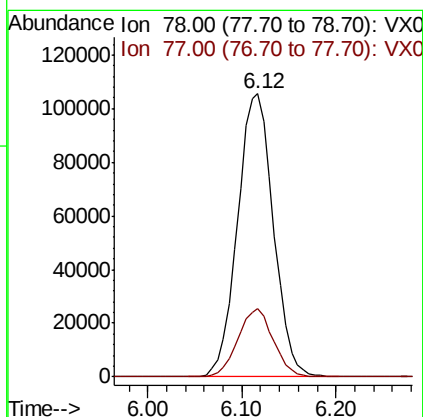
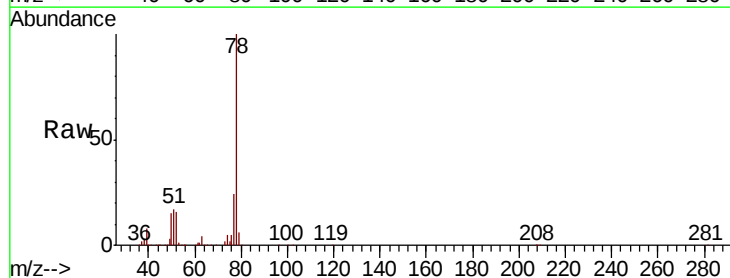
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

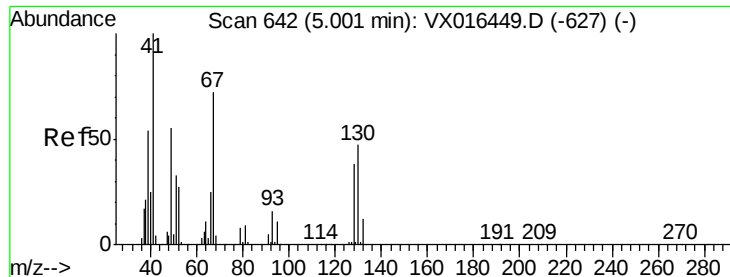
Tot Ion: 83 Resp: 99754
Ion Ratio Lower Upper
83 100
55 77.5 61.7 92.5
98 47.2 38.7 58.1



#40
Benzene
Concen: 19.211 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion: 78 Resp: 280584
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3

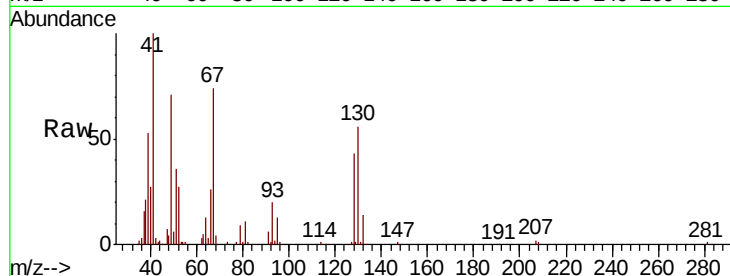




#41
Methacrylonitrile
Concen: 18.532 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion:	41	Resp:	59938
Ion	Ratio	Lower	Upper
41	100		
39	52.8	43.0	64.4
67	74.4	58.9	88.3
52	29.6	23.1	34.7



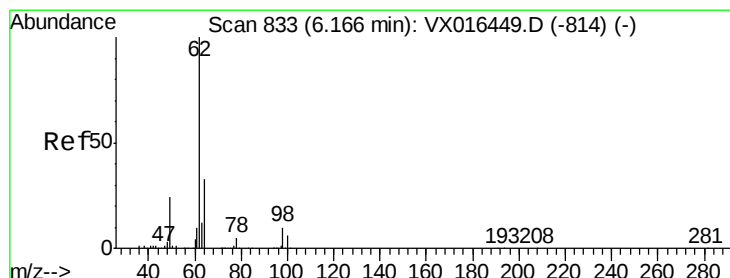
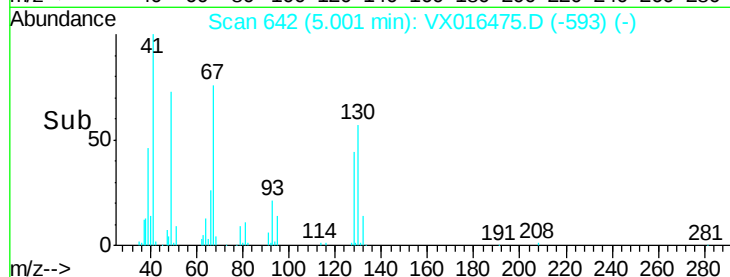
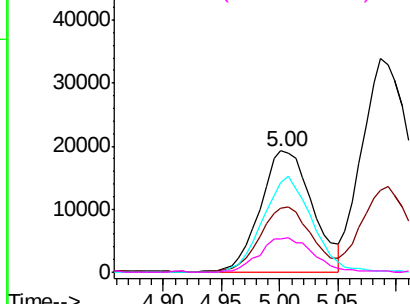
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

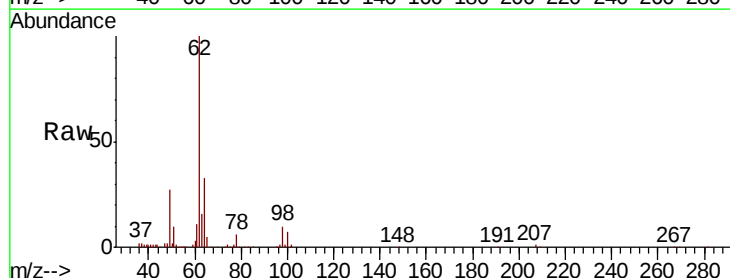
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 18.808 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

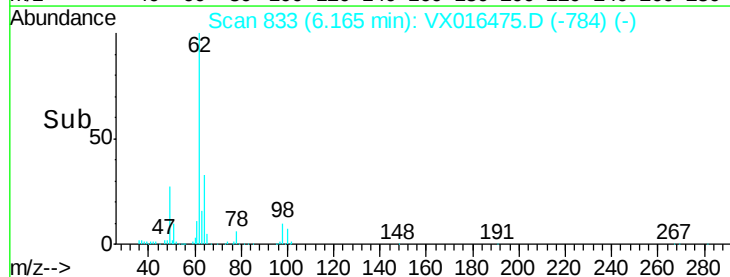
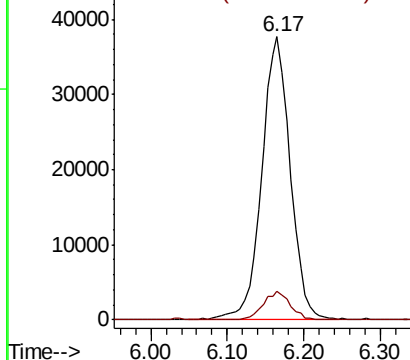
Tgt Ion:	62	Resp:	97690
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8



Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.014 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

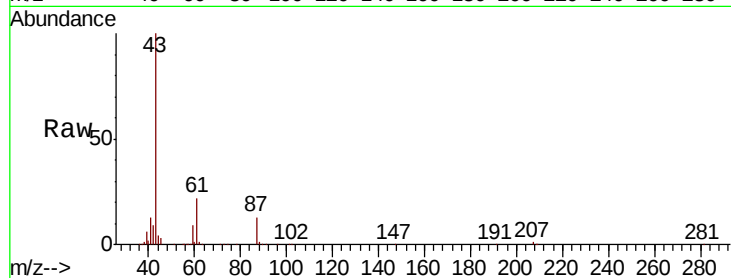
Tot Ion: 43 Resp: 174634

Ion Ratio Lower Upper

43 100

61 21.8 16.8 25.2

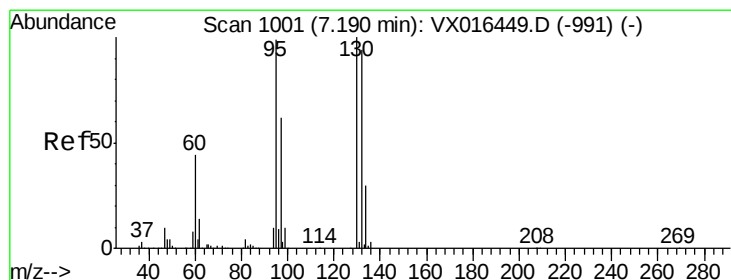
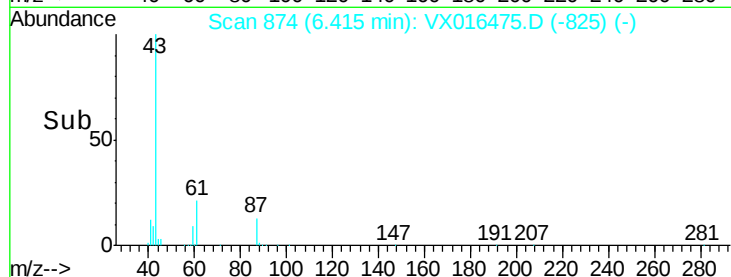
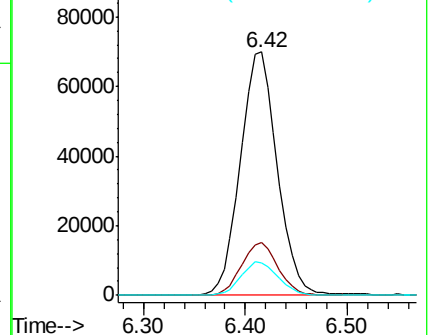
87 14.0 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.846 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016475.D

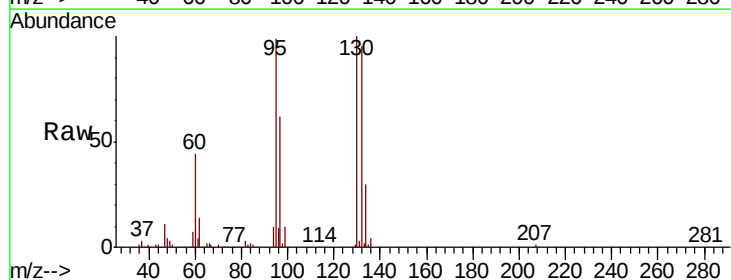
Acq: 28 May 2020 11:21

Tgt Ion: 130 Resp: 87330

Ion Ratio Lower Upper

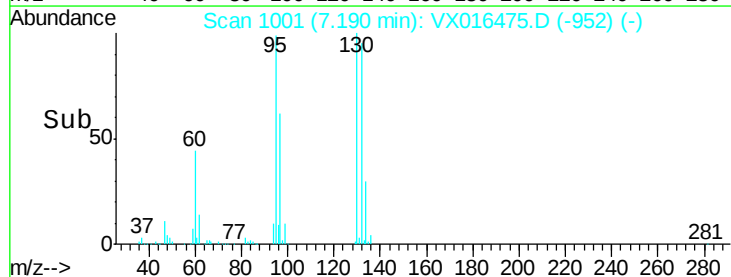
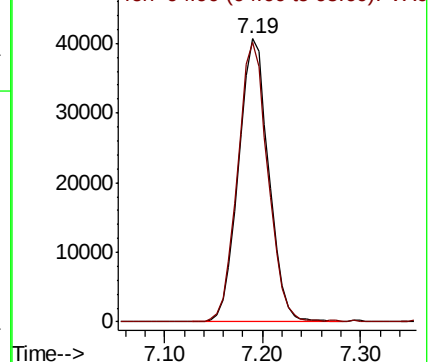
130 100

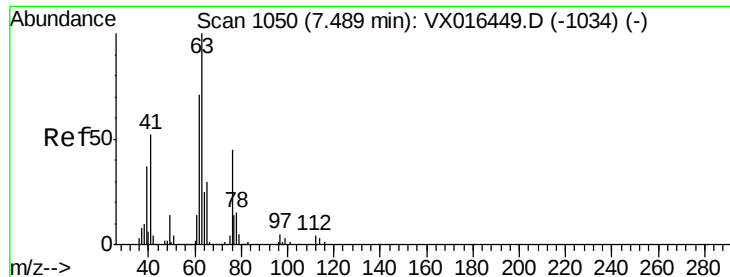
95 98.7 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.250 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

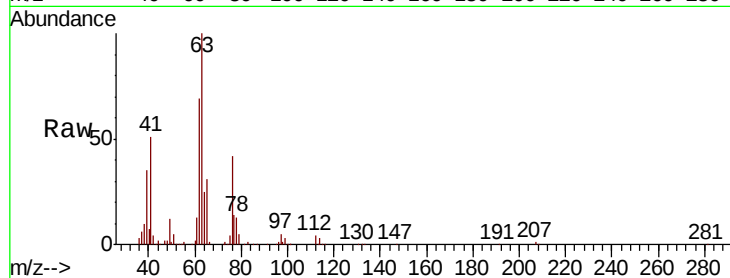
VX0528WBS01

Tot Ion: 63 Resp: 71575

Ion Ratio Lower Upper

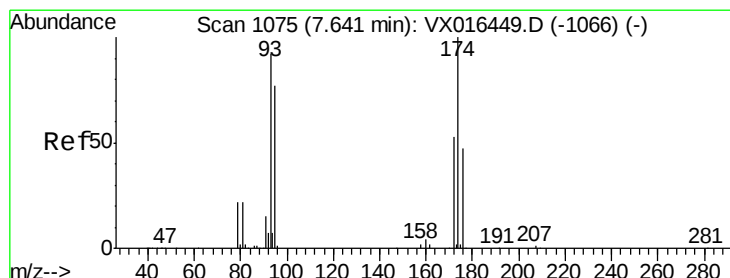
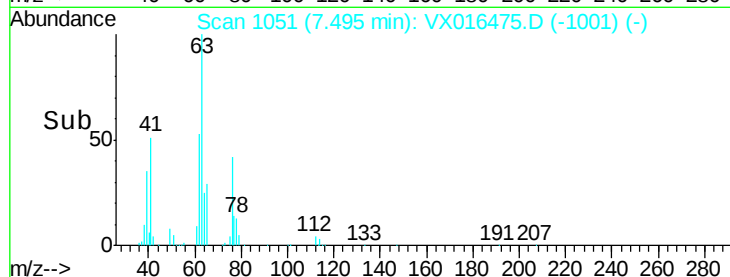
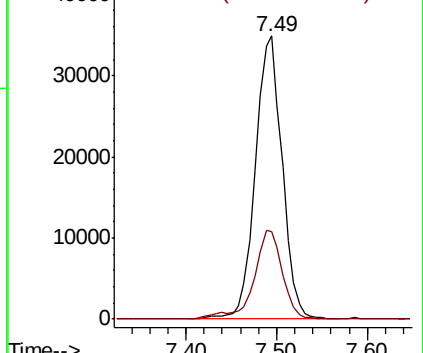
63 100

65 30.8 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.865 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

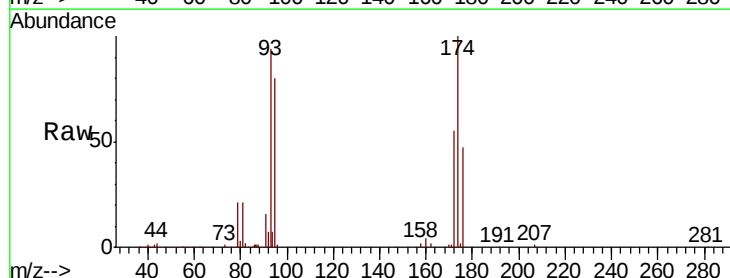
Tgt Ion: 93 Resp: 47114

Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

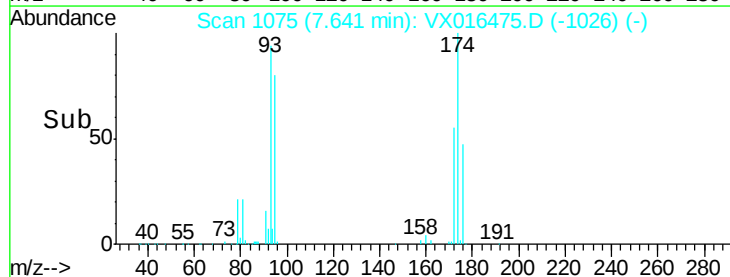
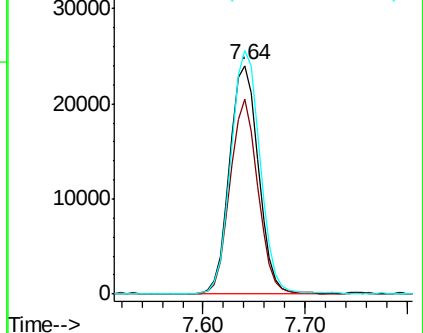
174 107.2 86.2 129.4

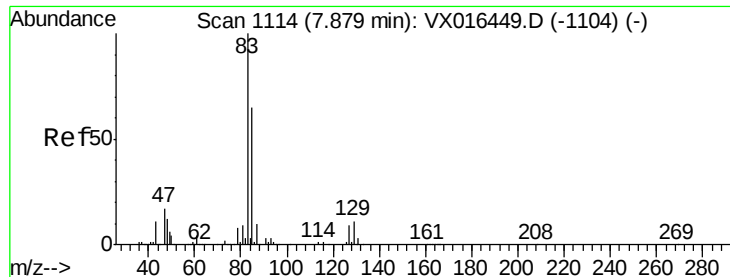


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.613 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

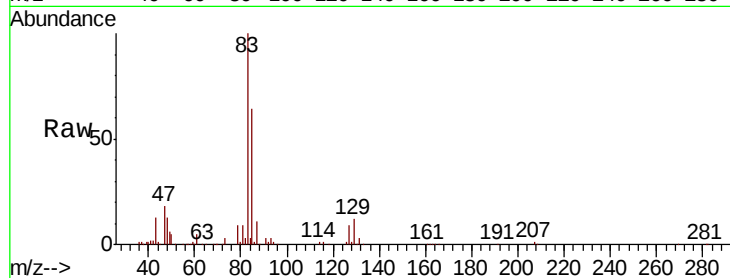
Tot Ion: 83 Resp: 96249

Ion Ratio Lower Upper

83 100

85 64.4 52.0 78.0

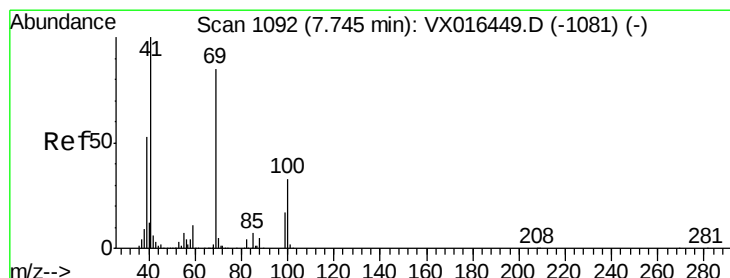
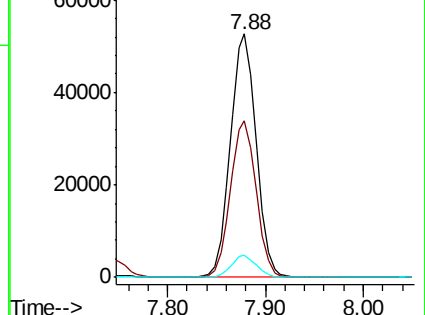
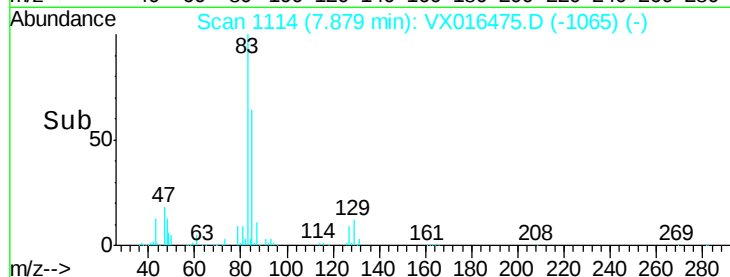
127 9.0 7.4 11.0



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: 18.761 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

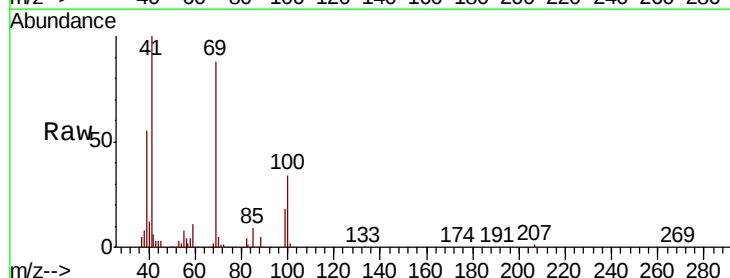
Tgt Ion: 41 Resp: 82503

Ion Ratio Lower Upper

41 100

69 87.0 68.6 102.8

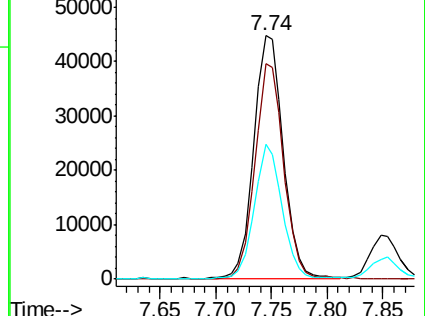
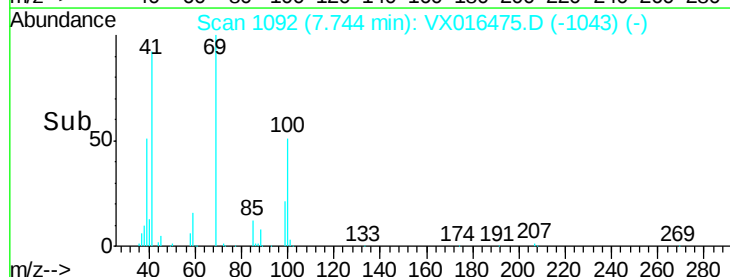
39 52.7 42.4 63.6

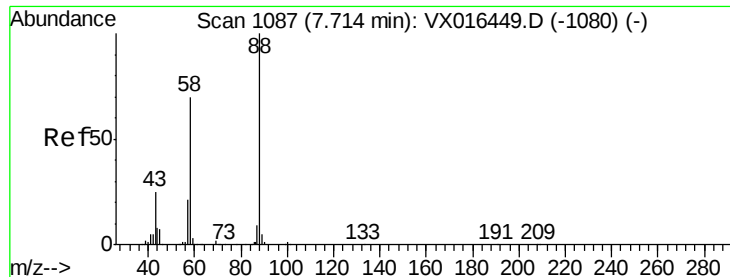


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 343.948 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

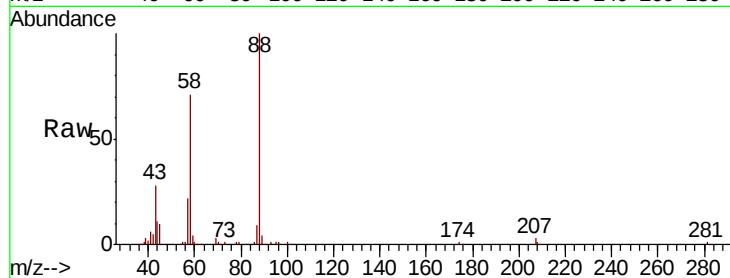
MSVOA_X

ClientSampleId :

VX0528WBS01

Tot Ion: 88 Resp: 35397

Ion	Ratio	Lower	Upper
88	100		
43	30.8	24.2	36.4
58	70.9	56.5	84.7

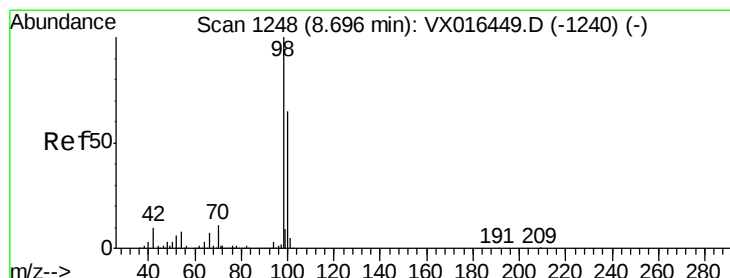
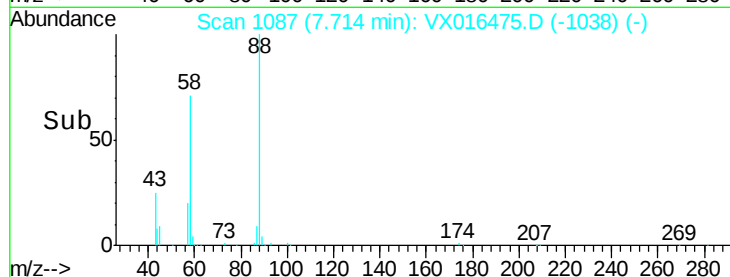
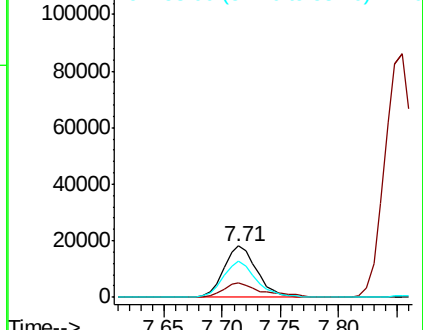


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.582 ug/l

RT: 8.70 min Scan# 1248

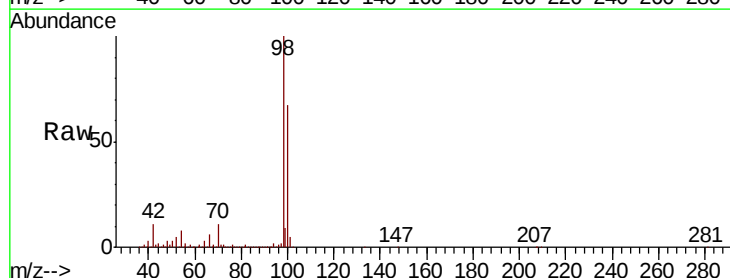
Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion: 98 Resp: 615532

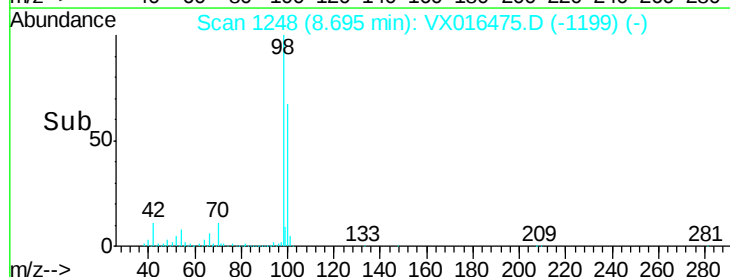
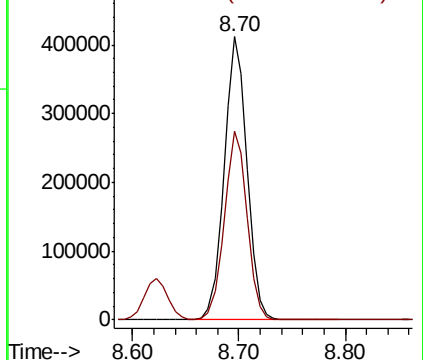
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.8	80.6



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

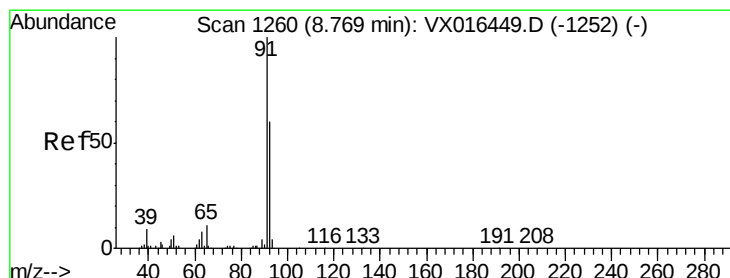
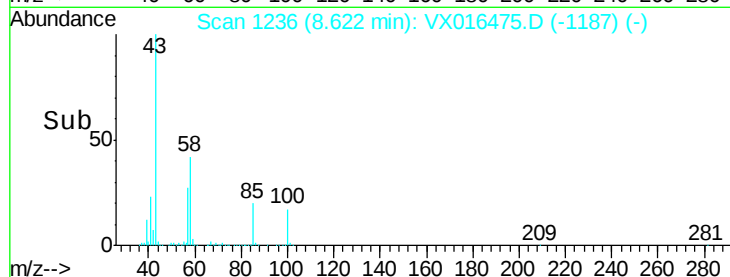
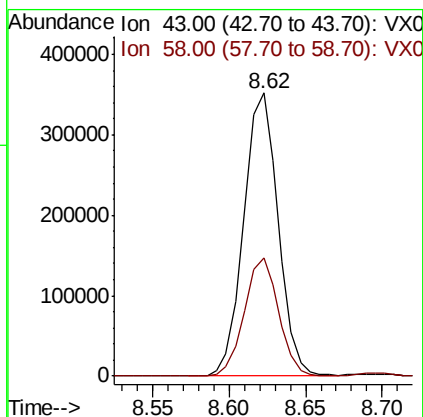
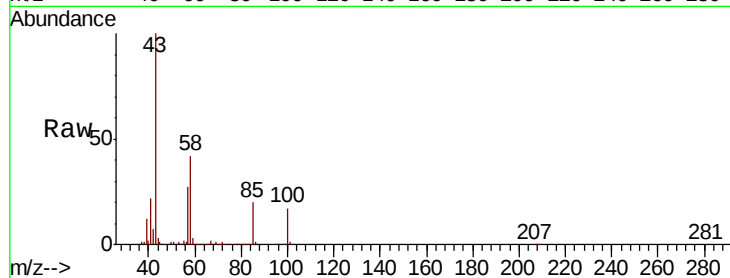




#51
 4-Methyl-2-Pentanone
 Concen: 96.151 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

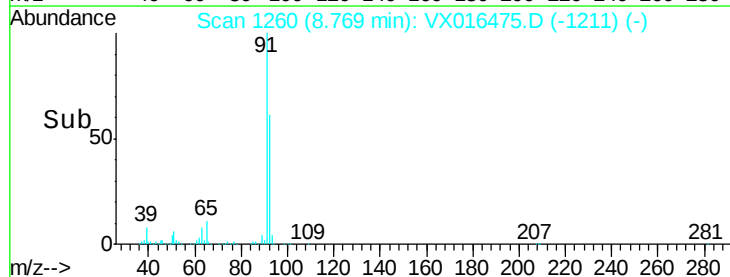
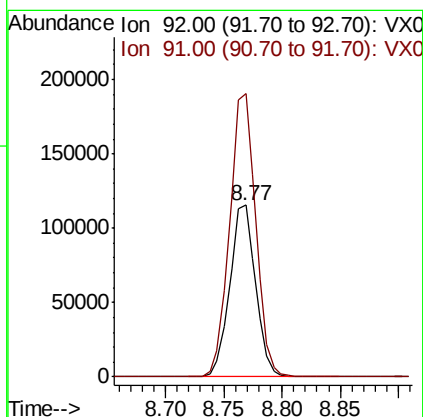
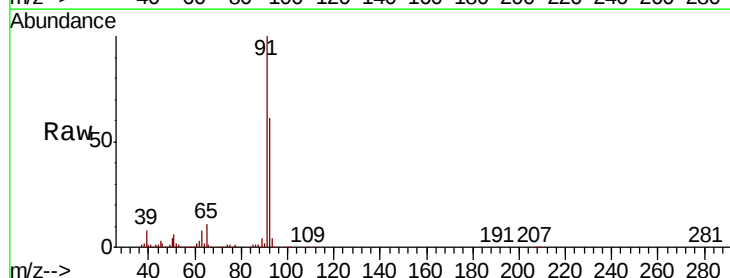
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

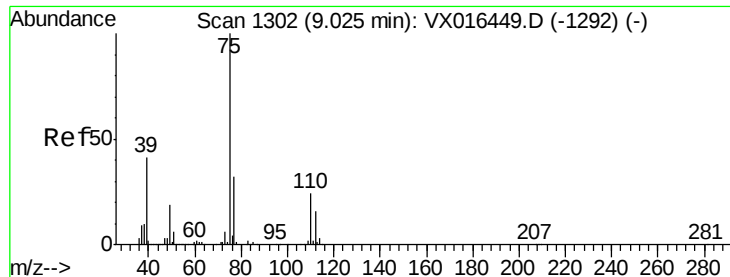
Tot Ion: 43 Resp: 549872
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.0 49.6



#52
 Toluene
 Concen: 19.359 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Tgt Ion: 92 Resp: 178292
 Ion Ratio Lower Upper
 92 100
 91 167.2 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 19.105 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

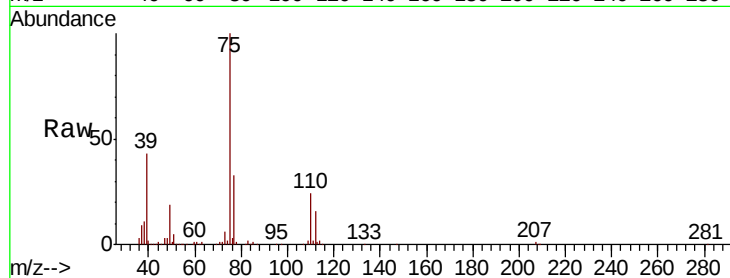
VX0528WBS01

Tot Ion: 75 Resp: 112339

Ion Ratio Lower Upper

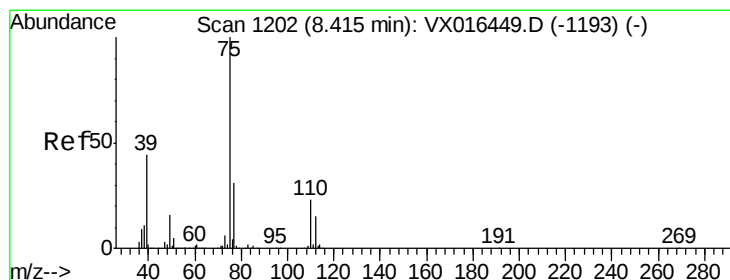
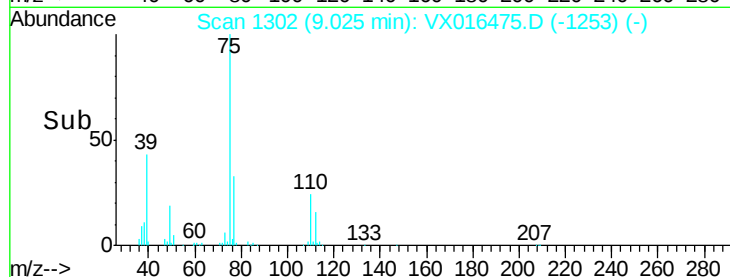
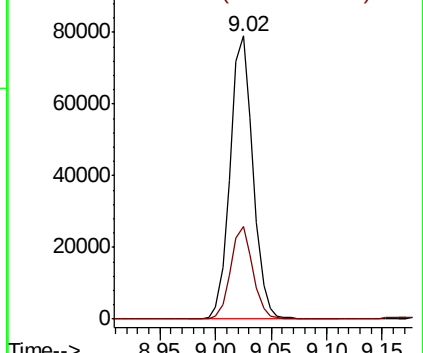
75 100

77 32.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.277 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

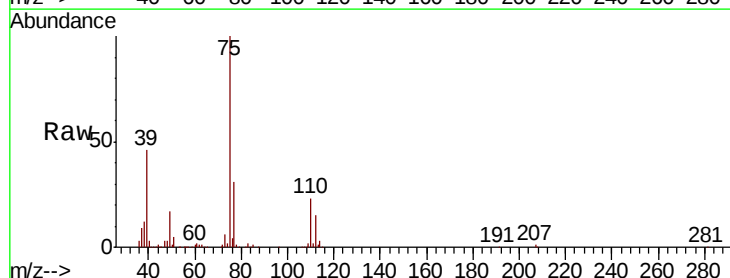
Tgt Ion: 75 Resp: 119977

Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

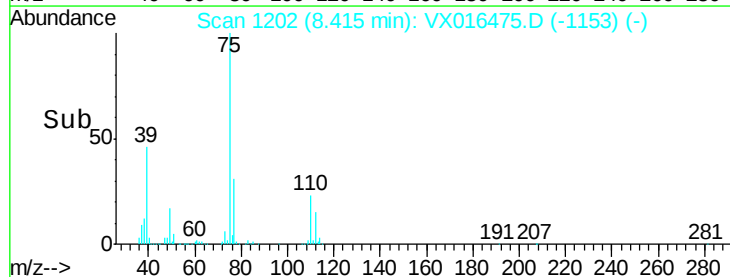
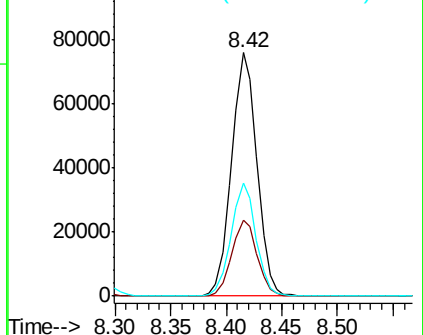
39 46.3 35.3 52.9

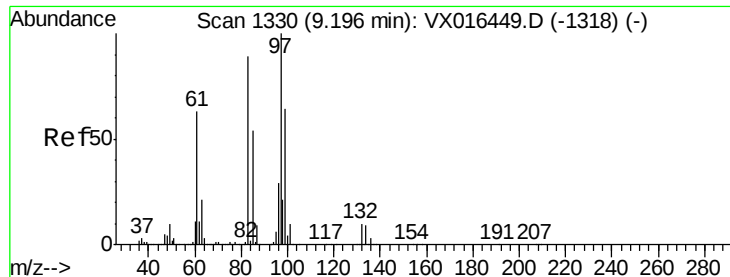


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

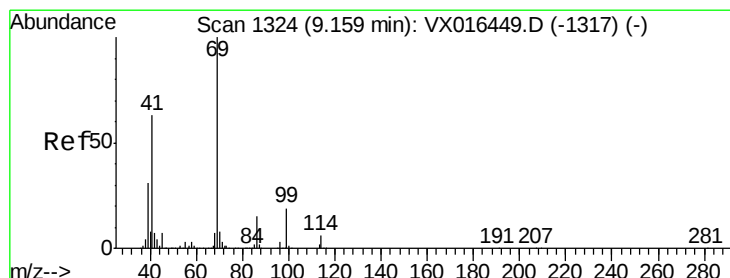
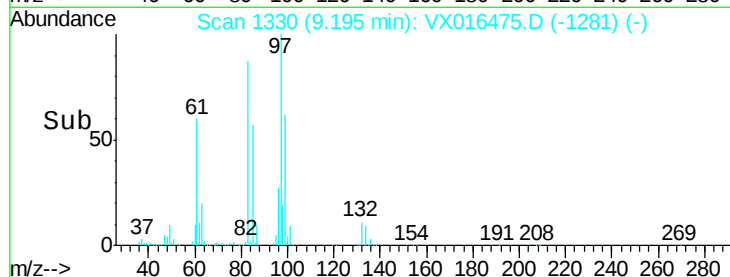
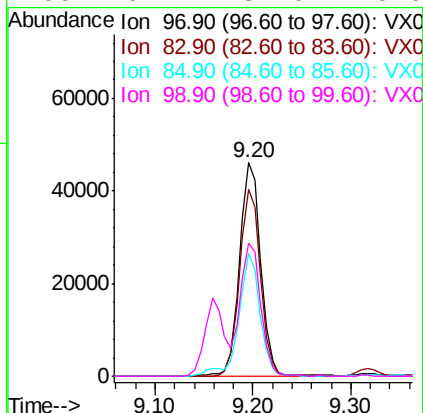
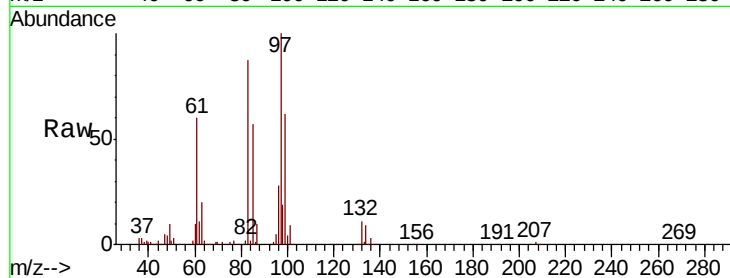




#55
 1,1,2-Trichloroethane
 Concen: 18.949 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

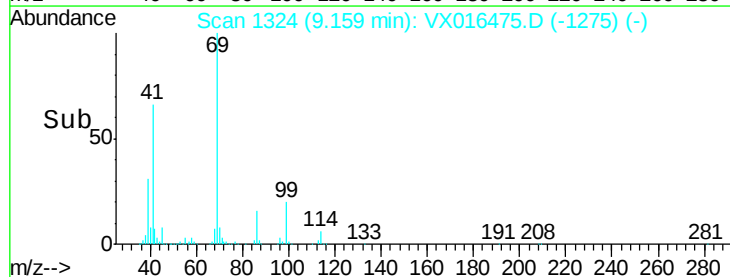
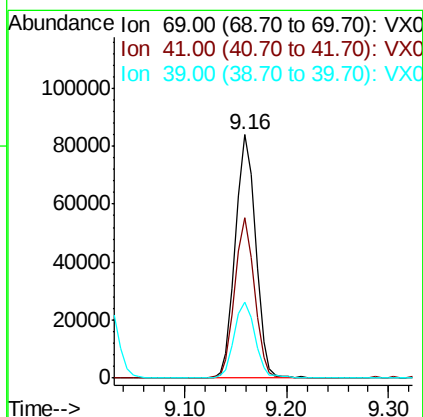
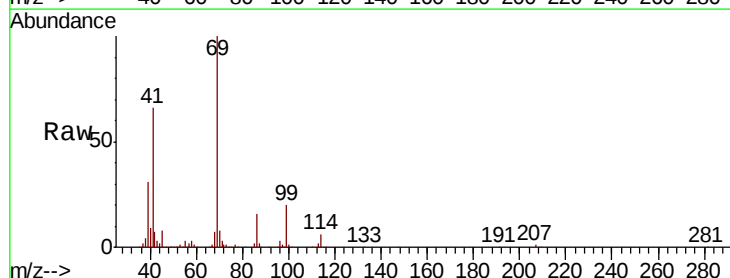
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Tot Ion:	97	Resp:	69390
Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.9	106.3
85	57.3	43.4	65.2
99	62.2	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 19.435 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Tgt Ion:	69	Resp:	115906
Ion	Ratio	Lower	Upper
69	100		
41	64.0	50.7	76.1
39	32.1	25.8	38.6





#57

1,3-Dichloropropane

Concen: 19.233 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

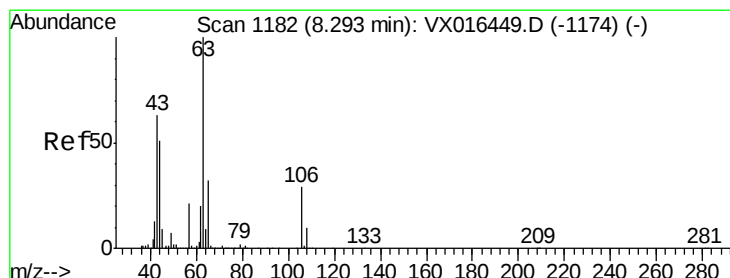
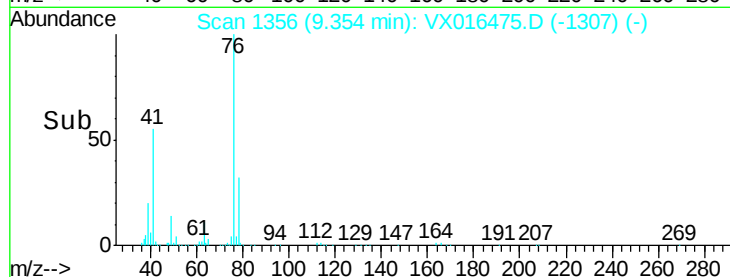
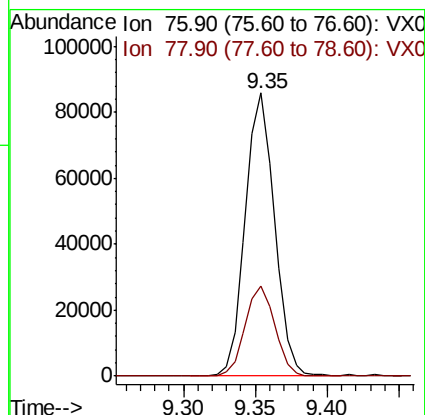
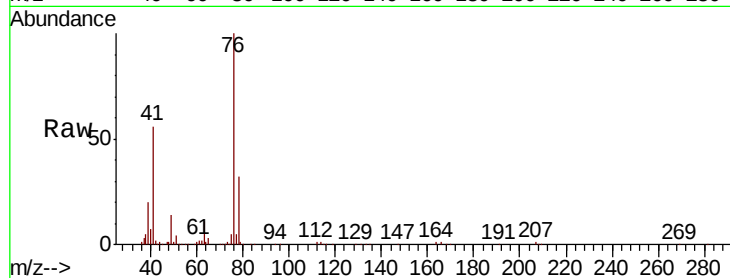
VX0528WBS01

Tot Ion: 76 Resp: 120886

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 93.279 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016475.D

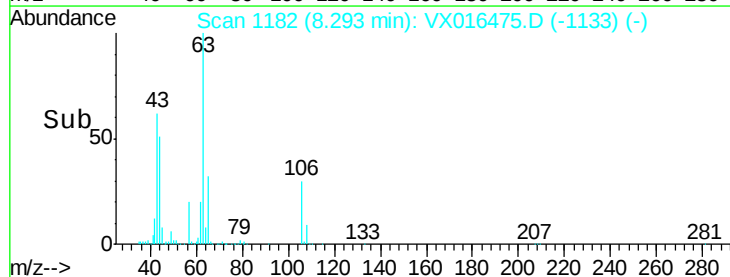
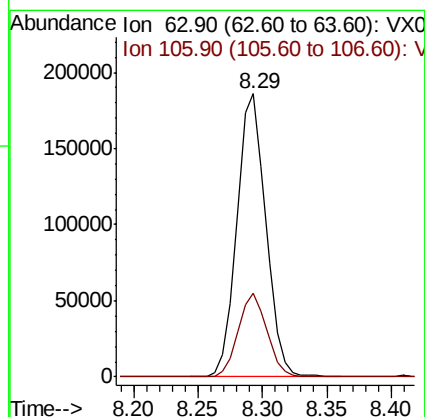
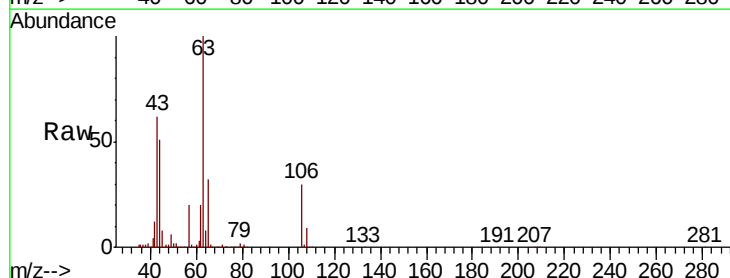
Acq: 28 May 2020 11:21

Tgt Ion: 63 Resp: 290367

Ion Ratio Lower Upper

63 100

106 29.2 23.2 34.8

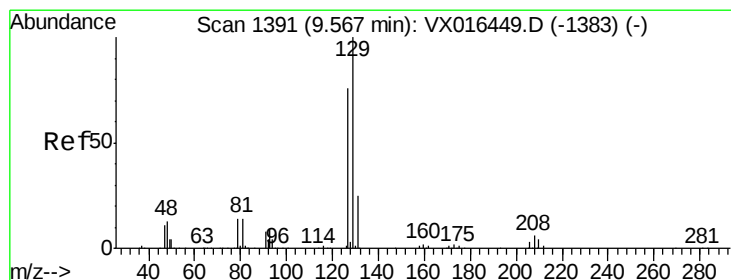
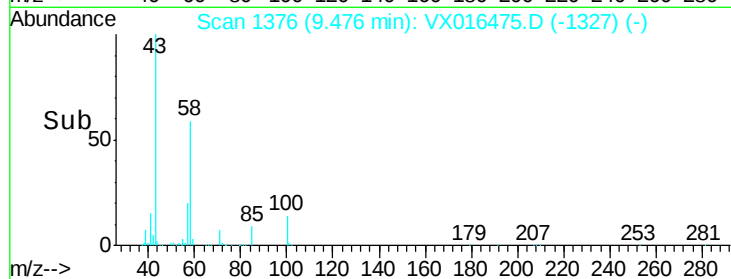
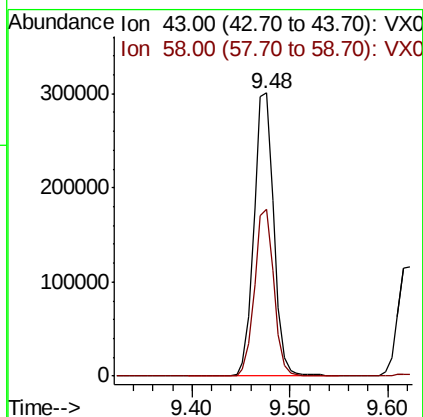
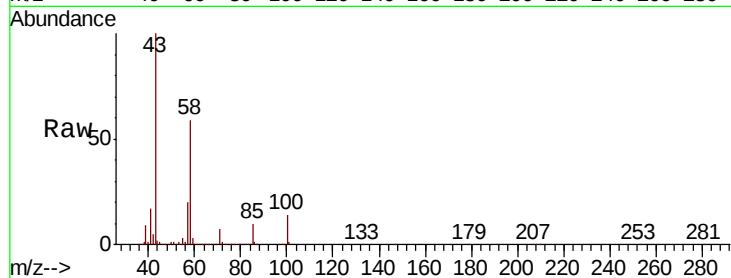




#59
2-Hexanone
Concen: 94.690 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

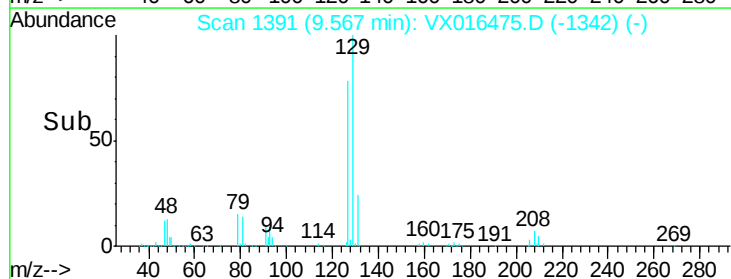
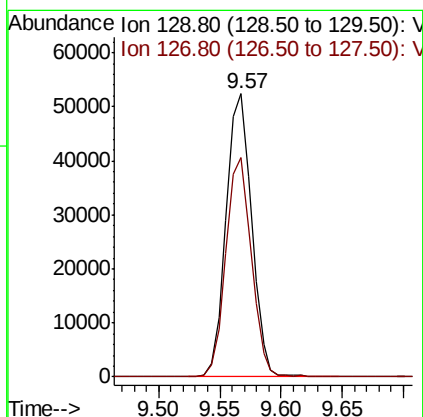
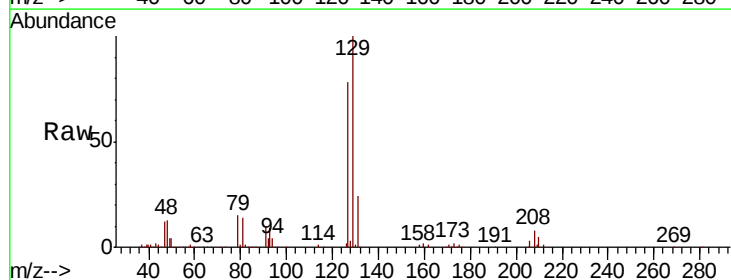
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

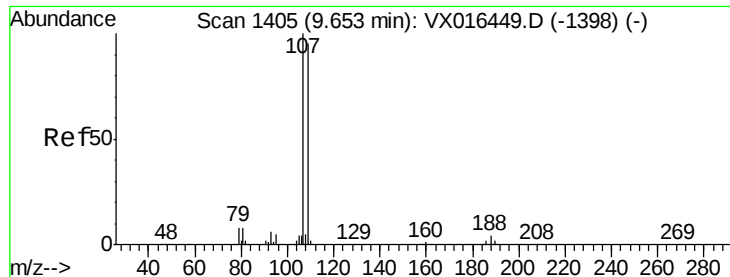
Tot Ion: 43 Resp: 421115
Ion Ratio Lower Upper
43 100
58 57.9 28.8 86.4



#60
Dibromochloromethane
Concen: 18.416 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion: 129 Resp: 75889
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.816 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

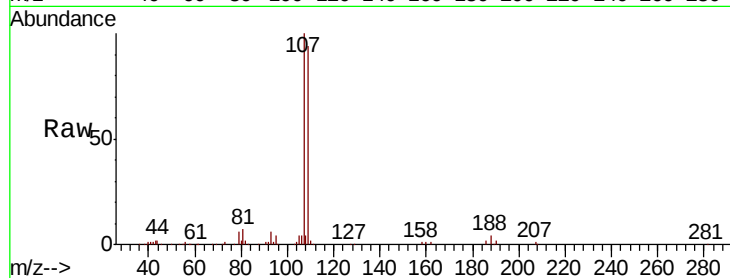
VX0528WBS01

Tot Ion:107 Resp: 73783

Ion Ratio Lower Upper

107 100

109 94.8 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

60000

50000

40000

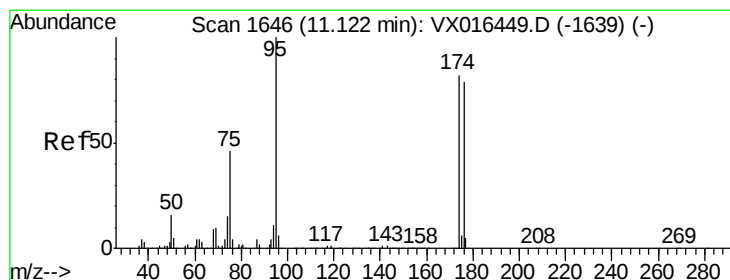
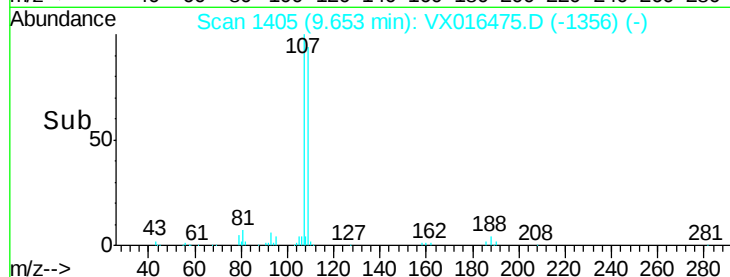
30000

20000

10000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.539 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

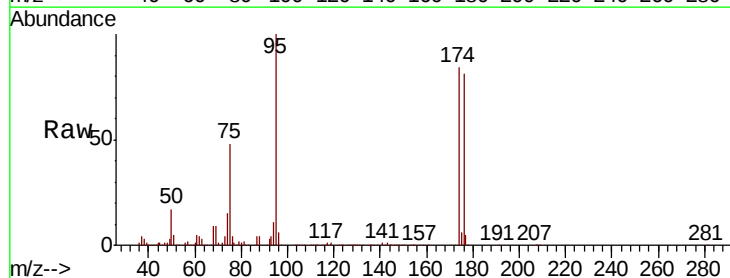
Tgt Ion: 95 Resp: 223244

Ion Ratio Lower Upper

95 100

174 81.7 0.0 163.0

176 79.4 0.0 156.8



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

250000

200000

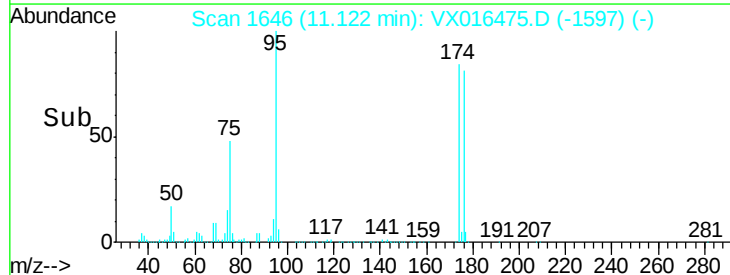
150000

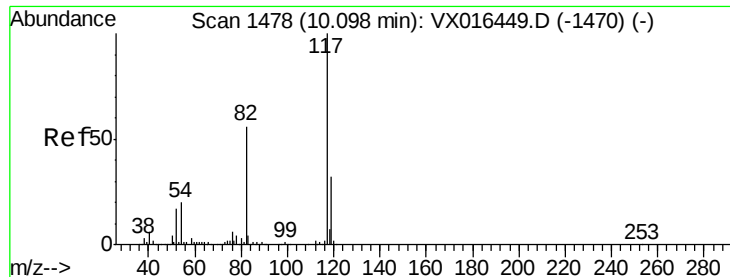
100000

50000

0

Time--> 11.10 11.12 11.20

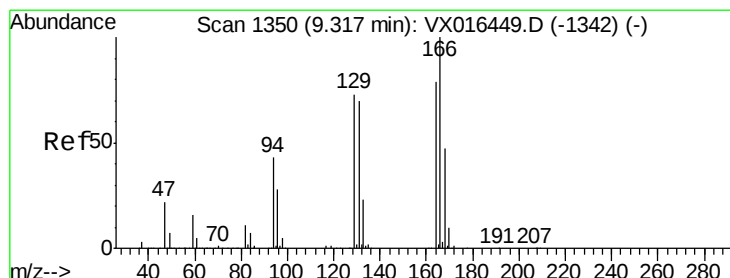
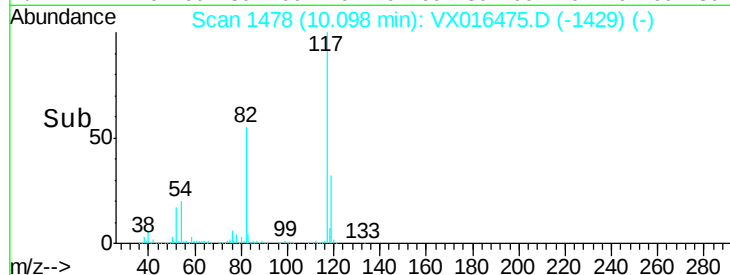
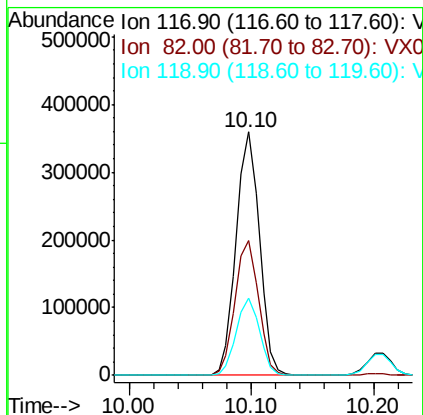
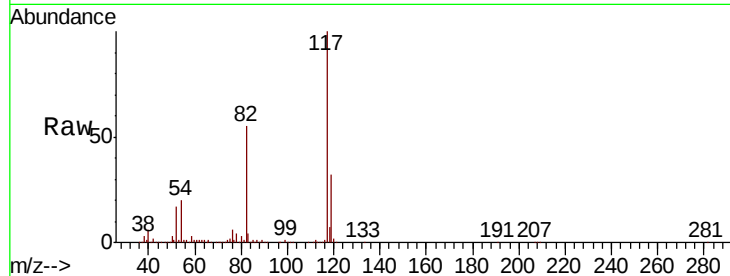




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

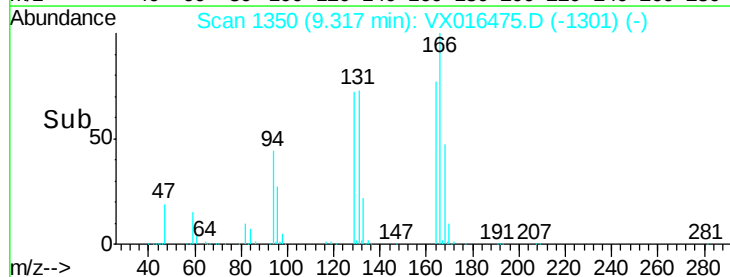
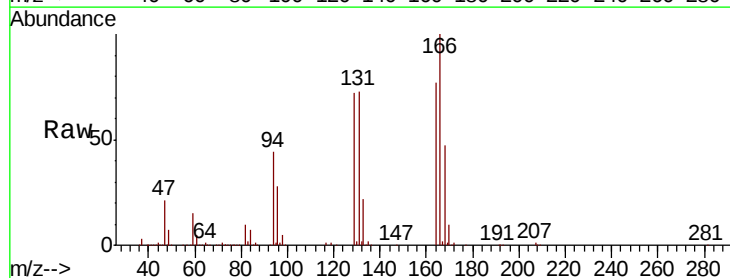
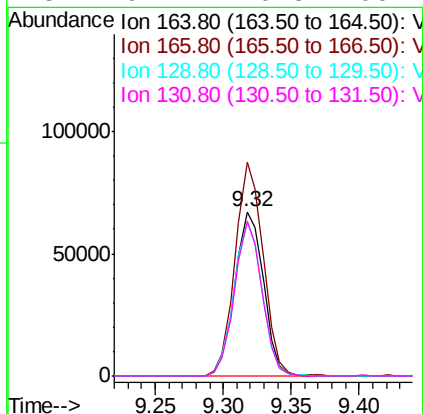
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

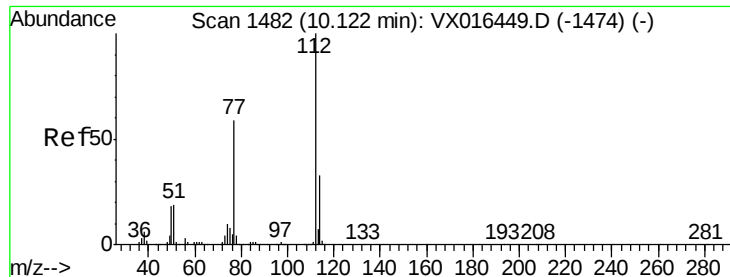
Tot Ion:117 Resp: 475305
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 18.578 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion:164 Resp: 98790
Ion Ratio Lower Upper
164 100
166 129.9 100.9 151.3
129 93.1 73.2 109.8
131 94.2 70.8 106.2

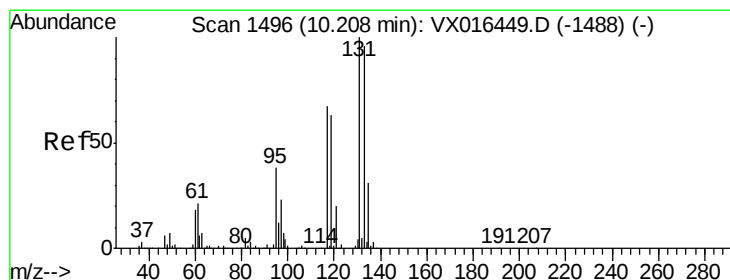
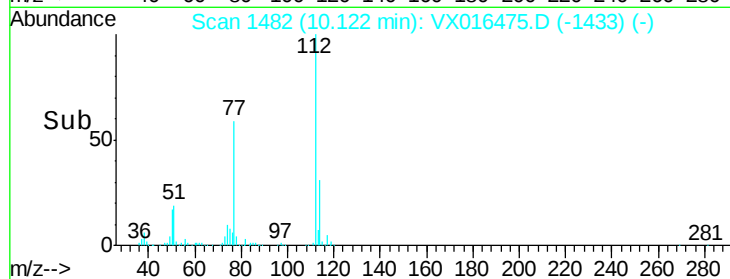
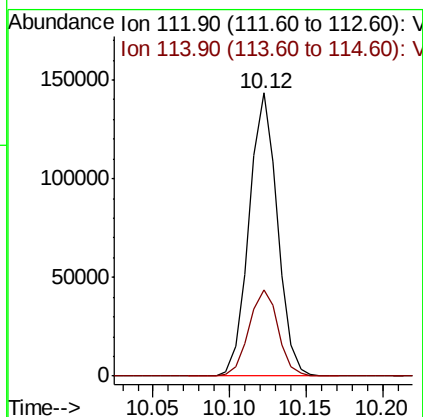
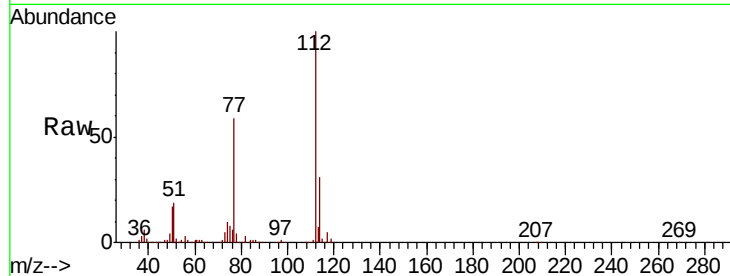




#65
Chlorobenzene
Concen: 19.050 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

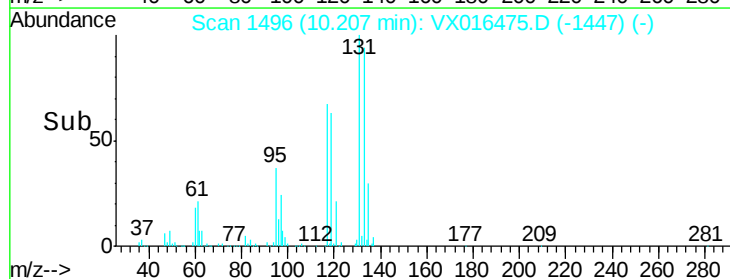
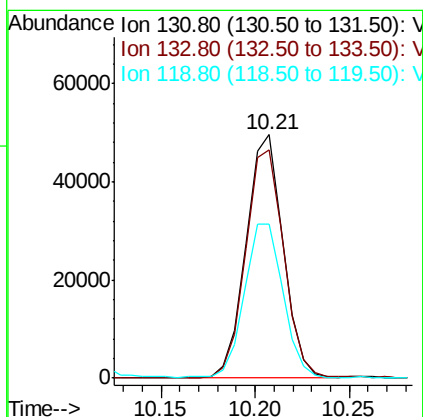
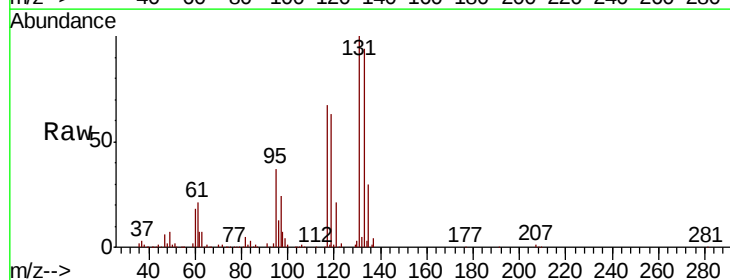
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

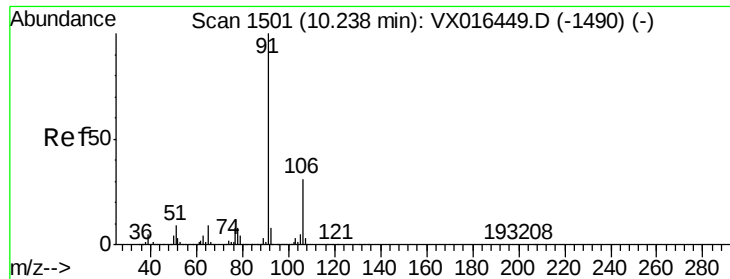
Tot Ion:112 Resp: 184597
Ion Ratio Lower Upper
112 100
114 30.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.316 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion:131 Resp: 67752
Ion Ratio Lower Upper
131 100
133 96.7 48.4 145.3
119 65.5 32.0 96.2

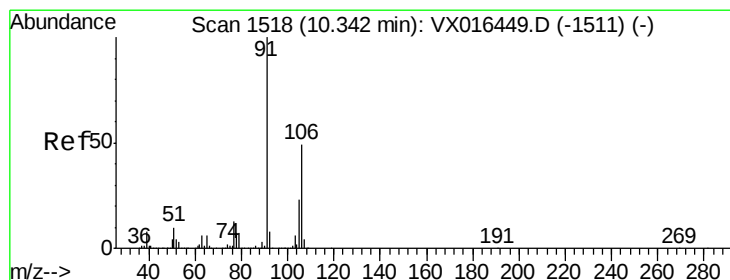
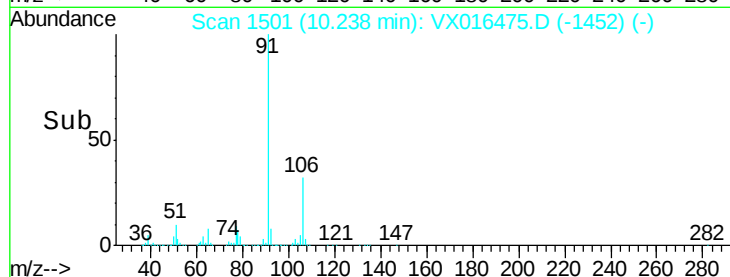
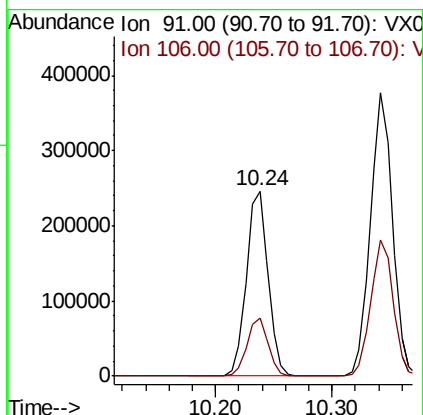
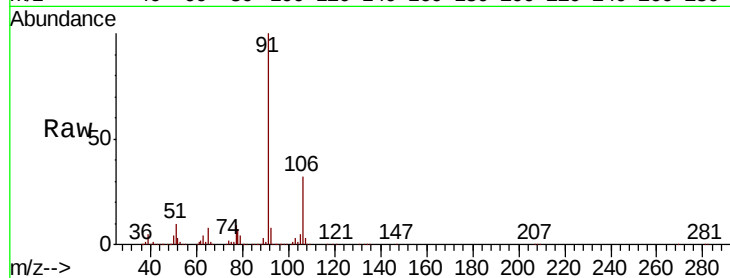




#67
Ethyl Benzene
Concen: 18.678 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

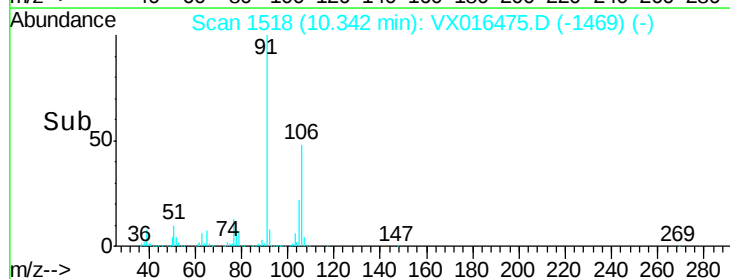
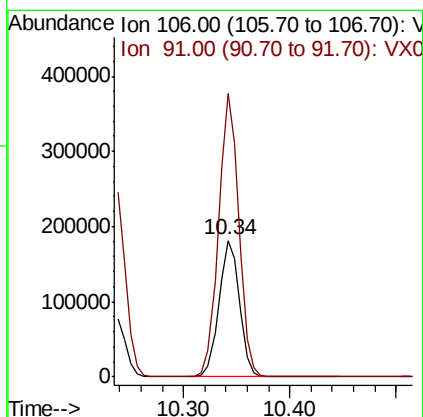
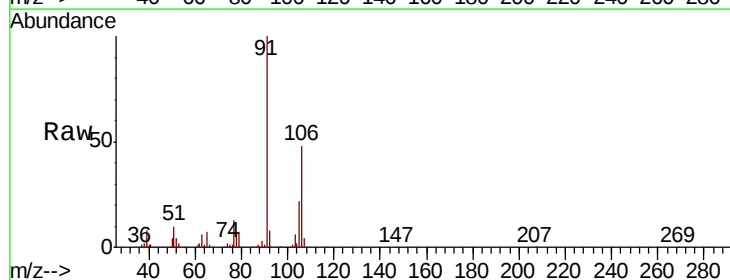
Instrument :
MSVOA_X
ClientSampled :
VX0528WBS01

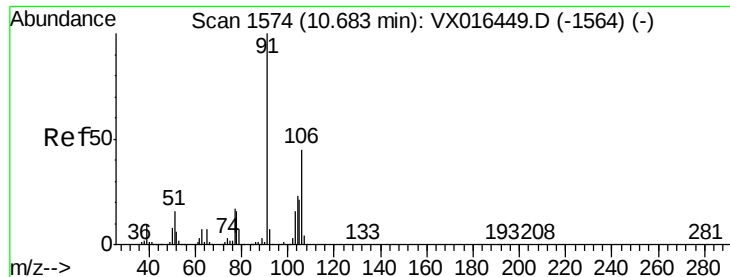
Tot Ion: 91 Resp: 322239
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



#68
m/p-Xylenes
Concen: 38.027 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion: 106 Resp: 243251
Ion Ratio Lower Upper
106 100
91 204.7 163.8 245.8

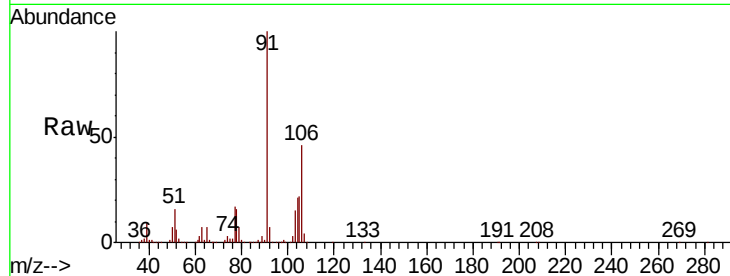




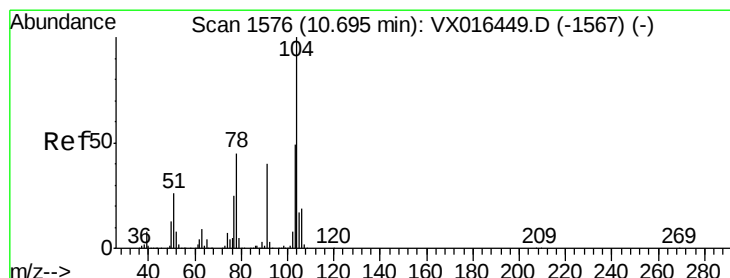
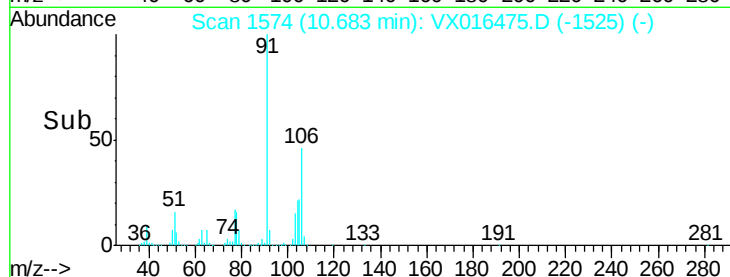
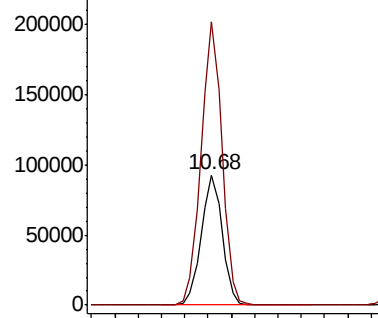
#69
o-Xylene
Concen: 18.851 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Tot Ion:106 Resp: 116783
Ion Ratio Lower Upper
106 100
91 216.4 109.6 328.8

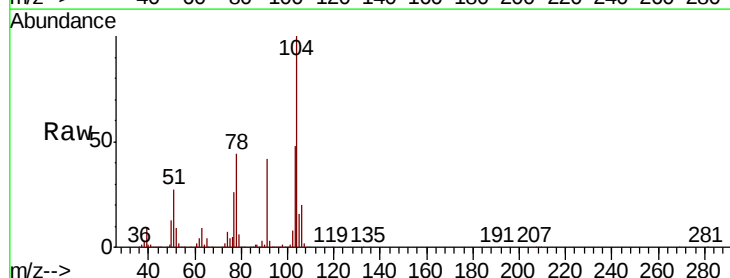


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

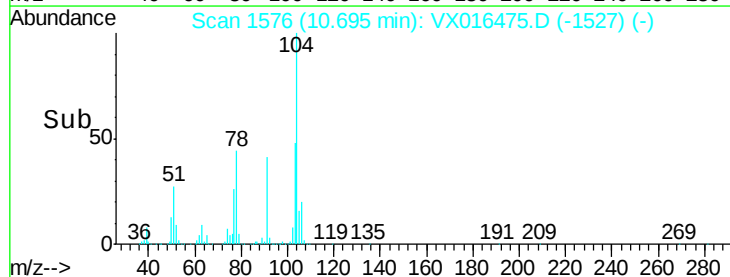
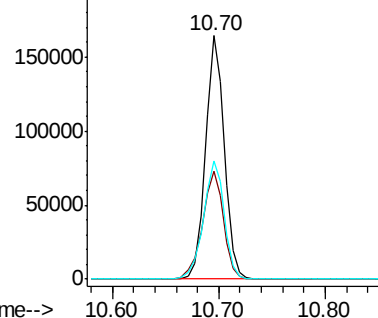


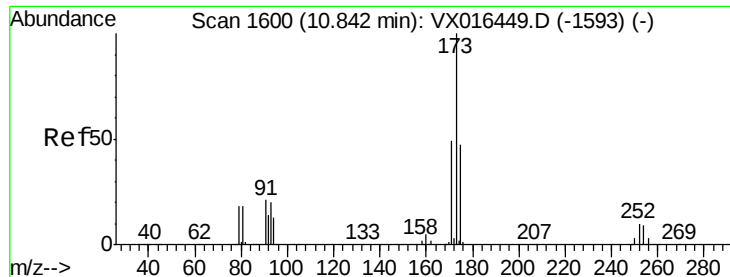
#70
Styrene
Concen: 19.141 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016475.D
Acq: 28 May 2020 11:21

Tgt Ion:104 Resp: 203822
Ion Ratio Lower Upper
104 100
78 49.4 40.2 60.2
103 53.6 43.1 64.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.413 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

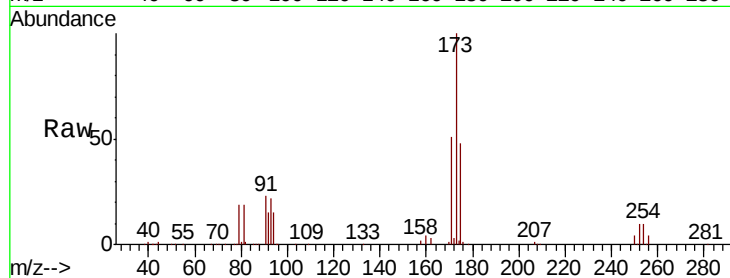
Tot Ion:173 Resp: 57563

Ion Ratio Lower Upper

173 100

175 47.4 23.9 71.7

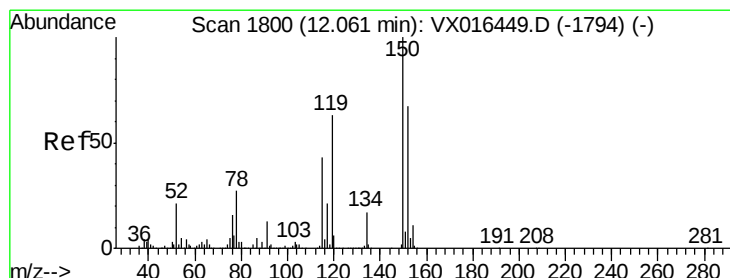
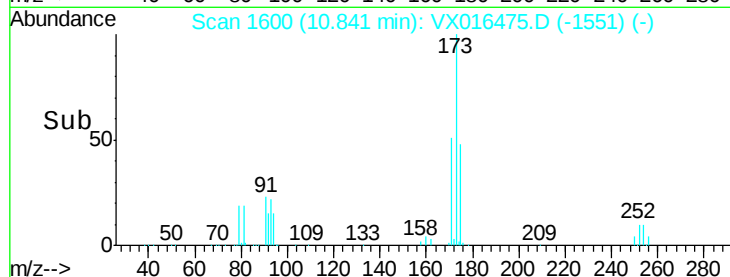
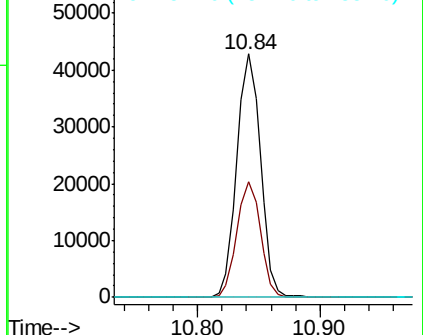
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

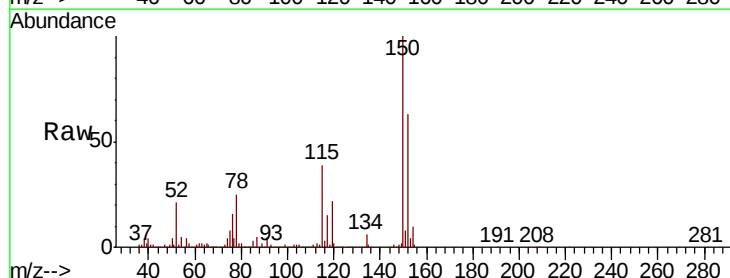
Tgt Ion:152 Resp: 225093

Ion Ratio Lower Upper

152 100

115 66.2 39.9 119.6

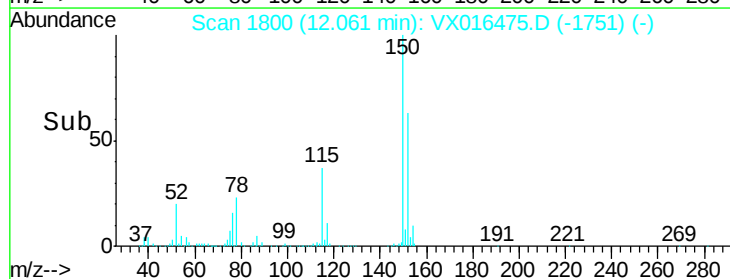
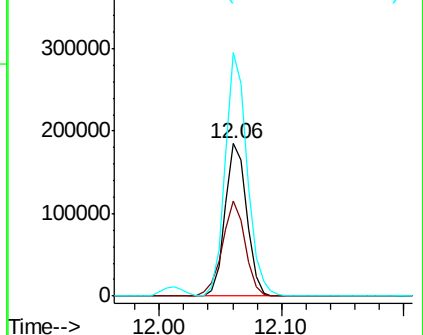
150 162.3 0.0 341.0

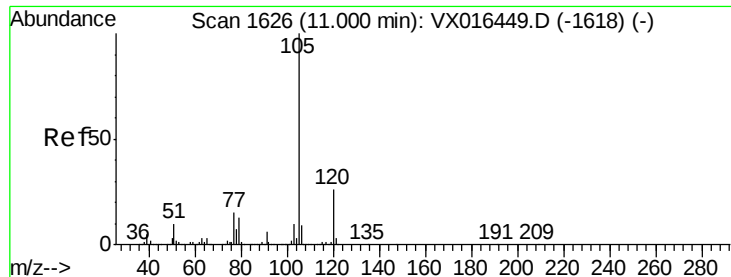


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.636 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

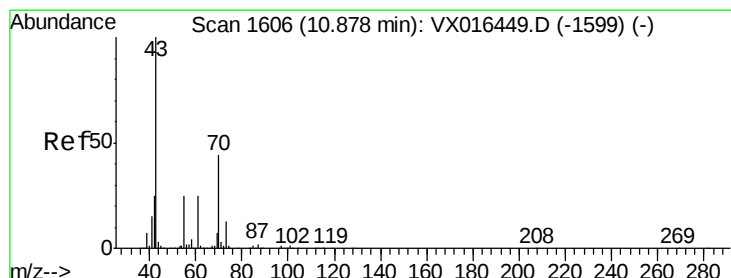
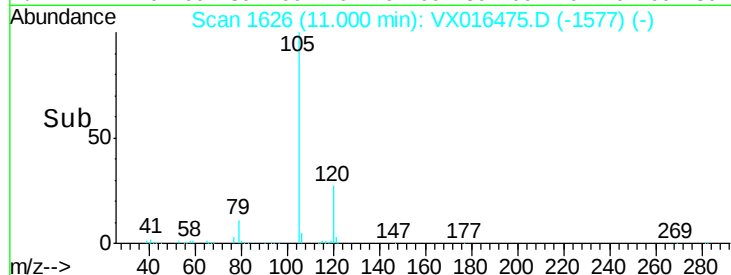
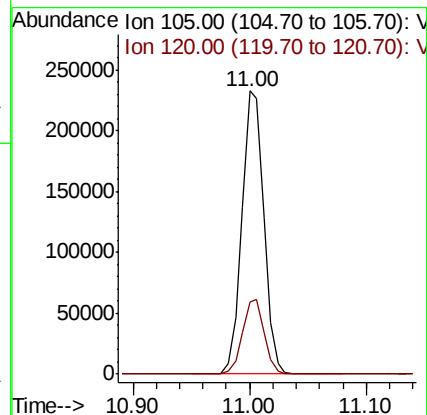
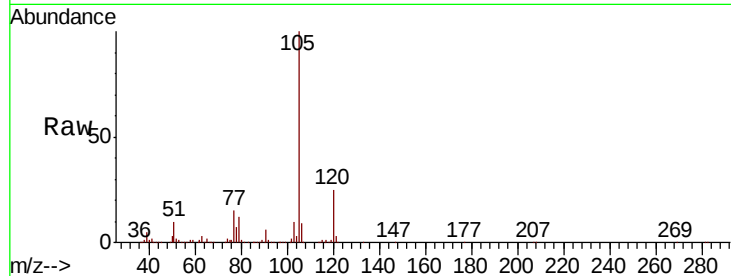
VX0528WBS01

Tot Ion:105 Resp: 306250

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



#74

N-ethyl acetate

Concen: 20.345 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Tgt Ion: 43 Resp: 145949

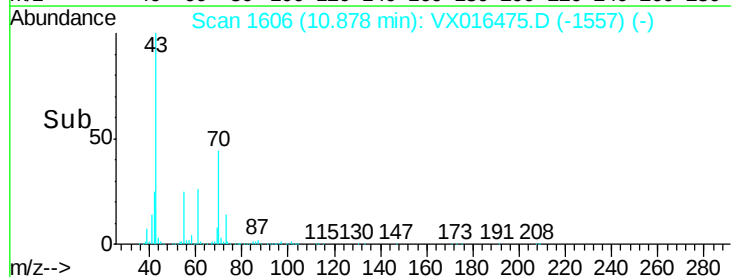
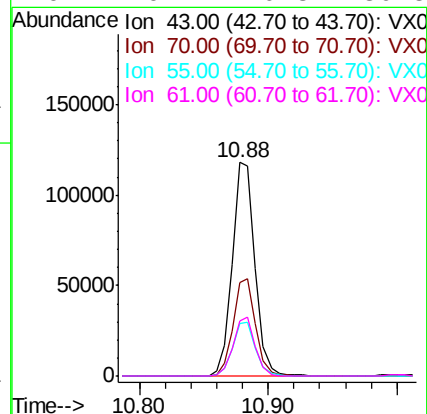
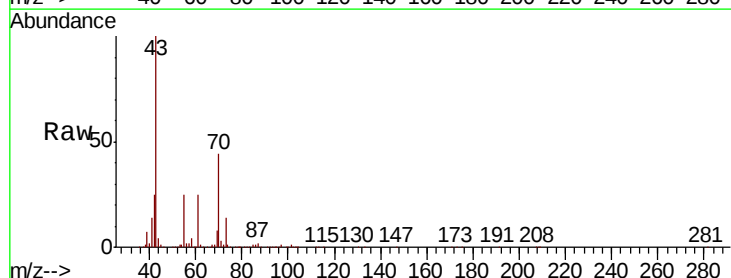
Ion Ratio Lower Upper

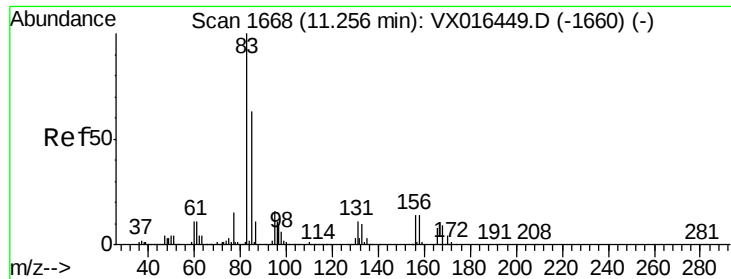
43 100

70 45.1 36.1 54.1

55 25.2 20.2 30.4

61 26.2 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.261 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

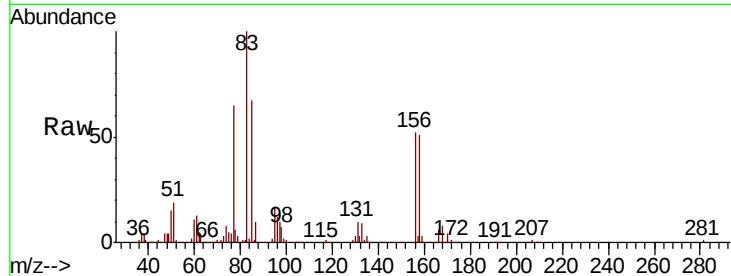
Tot Ion: 83 Resp: 75286

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

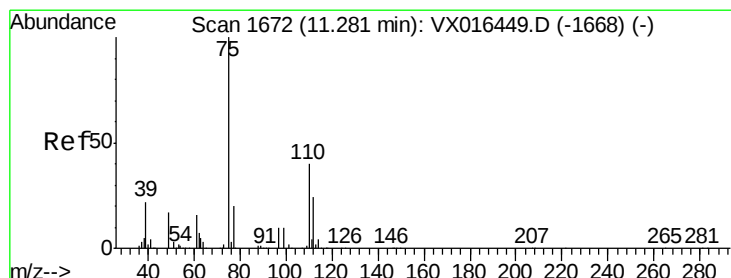
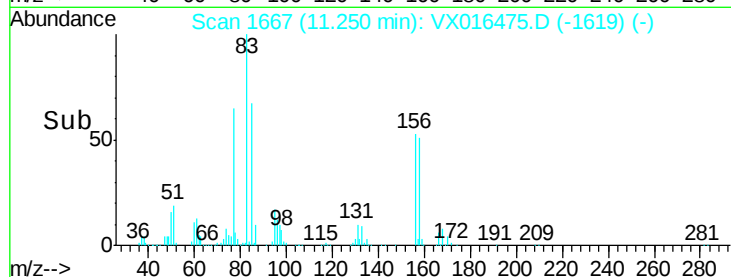
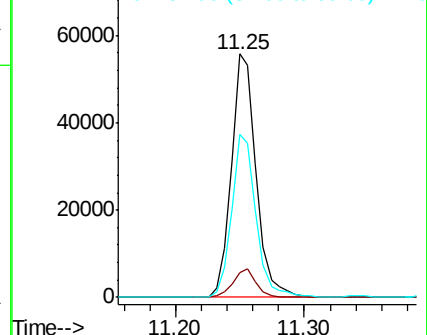
85 65.6 32.0 96.2



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: 25.910 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016475.D

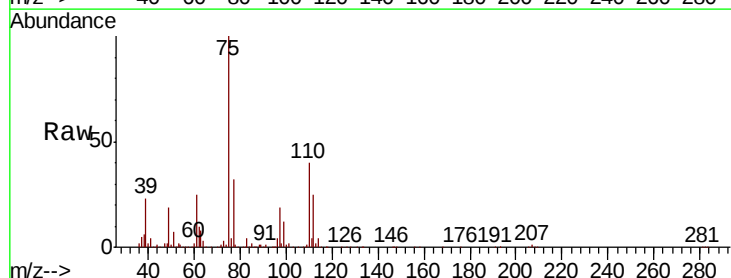
Acq: 28 May 2020 11:21

Tgt Ion: 75 Resp: 128192

Ion Ratio Lower Upper

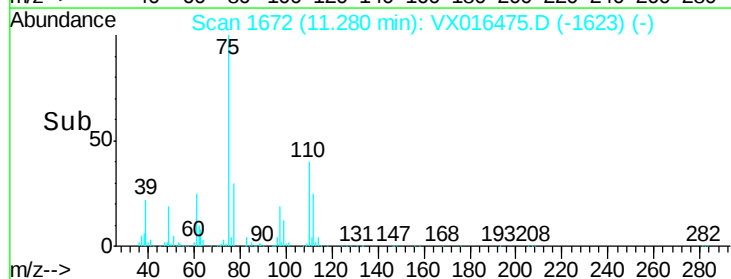
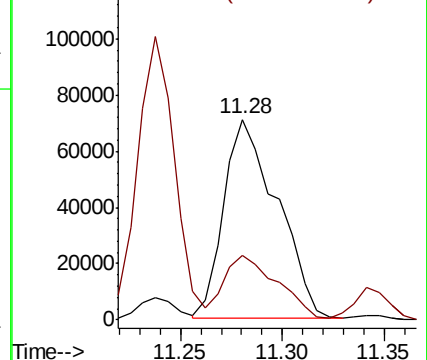
75 100

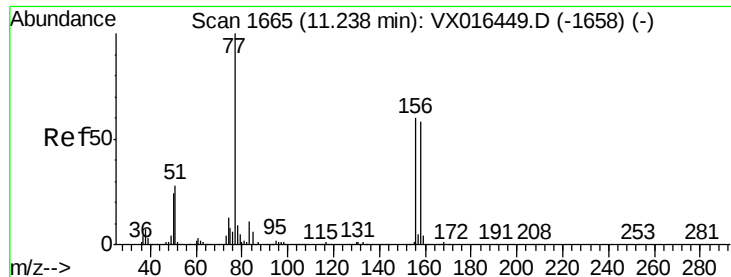
77 32.9 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.522 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

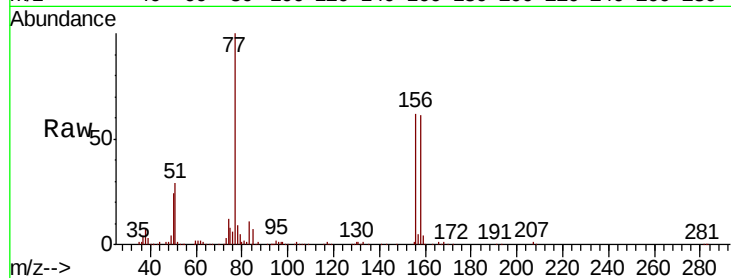
Tot Ion:156 Resp: 79857

Ion Ratio Lower Upper

156 100

77 159.9 79.6 238.8

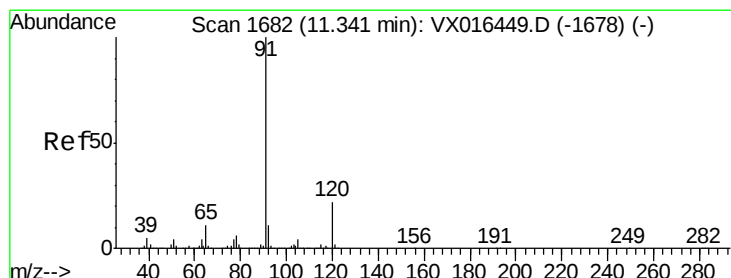
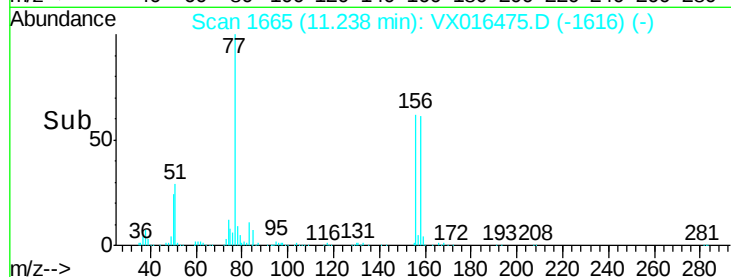
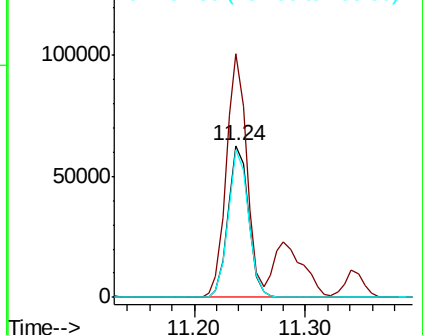
158 96.5 48.1 144.4



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: 19.366 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016475.D

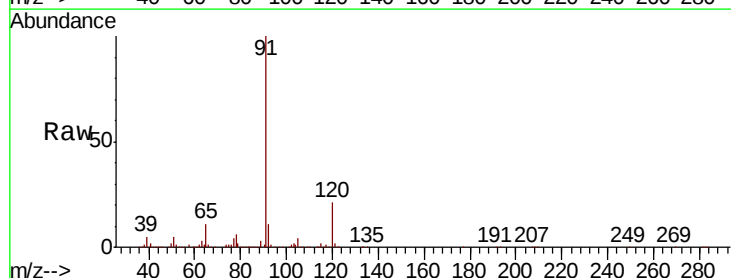
Acq: 28 May 2020 11:21

Tgt Ion: 91 Resp: 337440

Ion Ratio Lower Upper

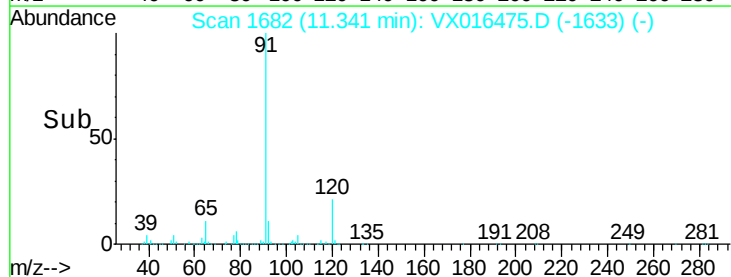
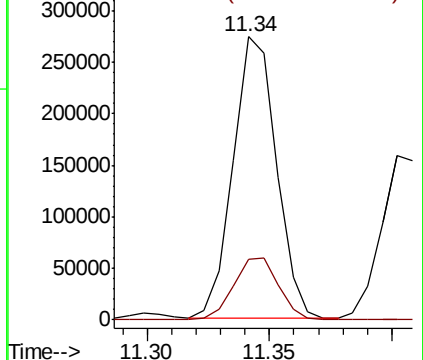
91 100

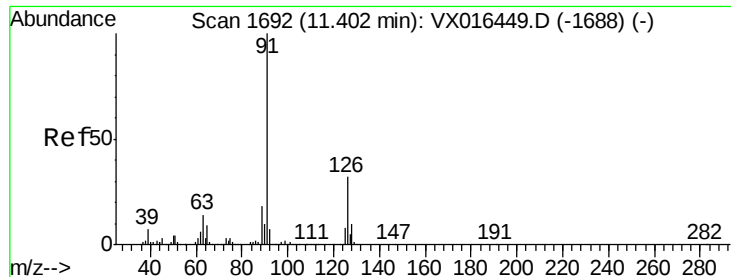
120 22.9 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.567 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

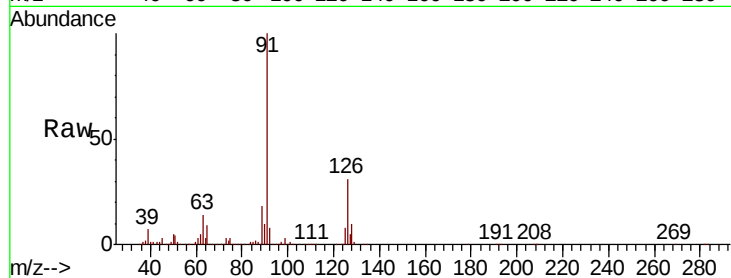
VX0528WBS01

Tot Ion: 91 Resp: 208114

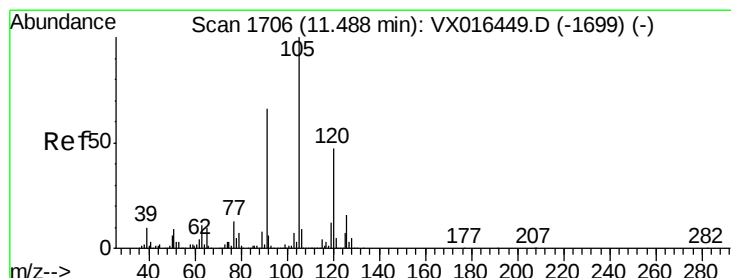
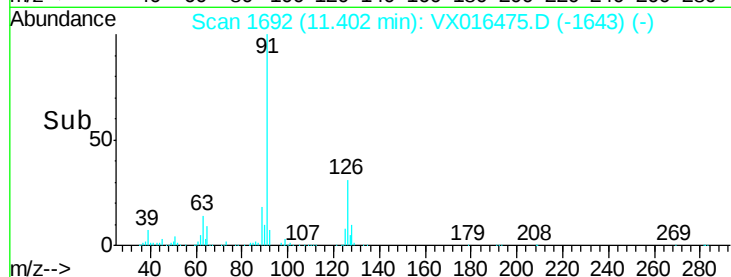
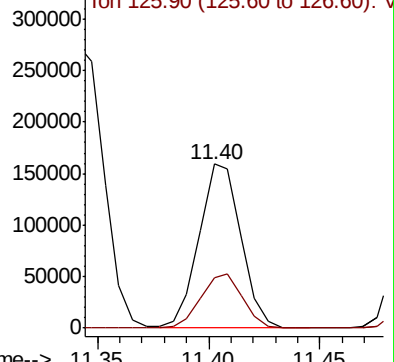
Ion Ratio Lower Upper

91 100

126 33.1 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.203 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016475.D

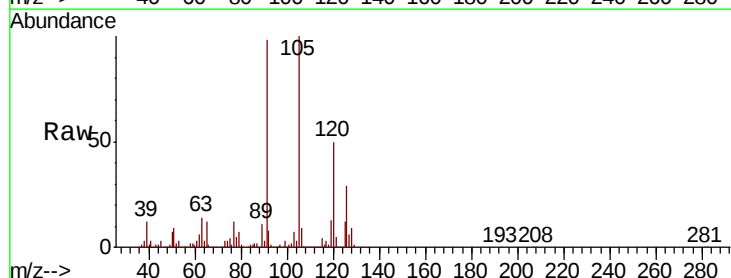
Acq: 28 May 2020 11:21

Tgt Ion: 105 Resp: 250068

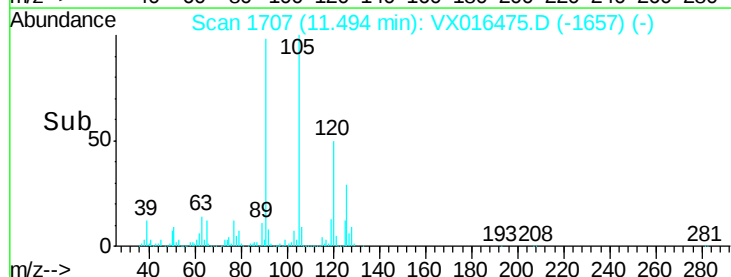
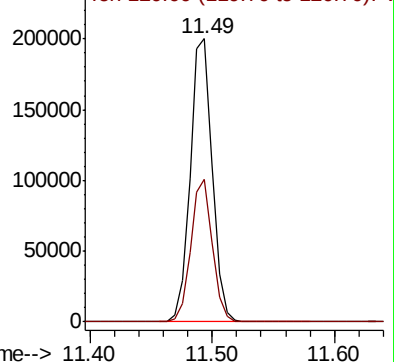
Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.563 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

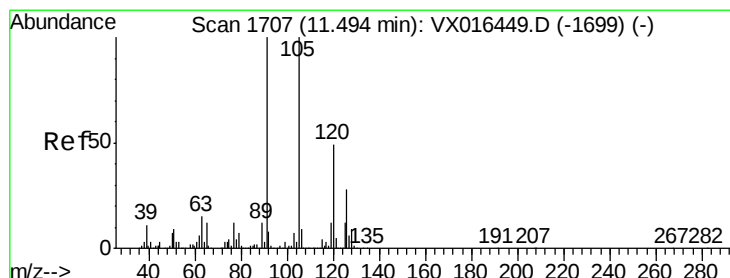
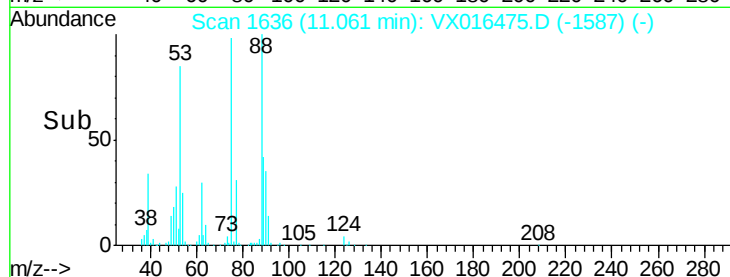
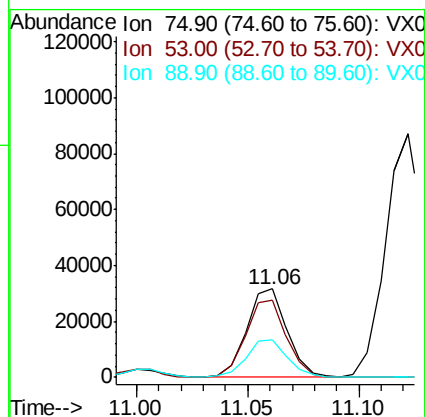
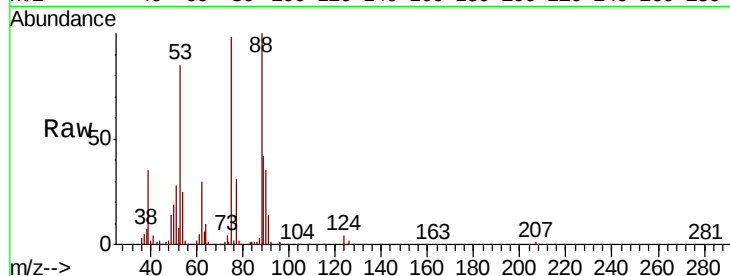
Tot Ion: 75 Resp: 39349

Ion Ratio Lower Upper

75 100

53 88.6 71.3 106.9

89 44.7 36.6 55.0



#82

4-Chlorotoluene

Concen: 19.367 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016475.D

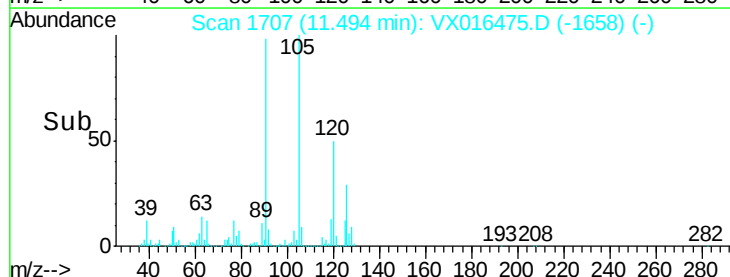
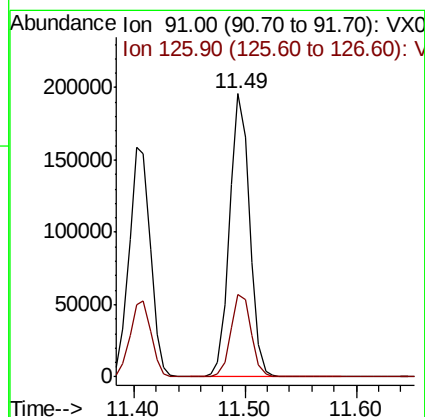
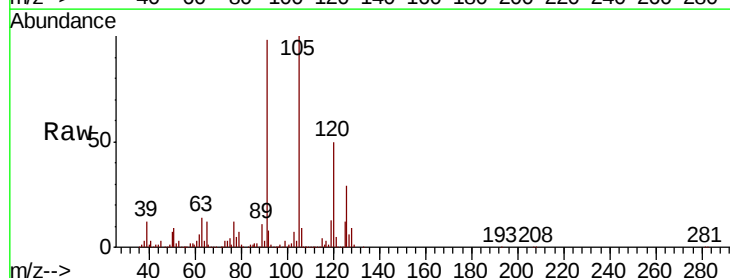
Acq: 28 May 2020 11:21

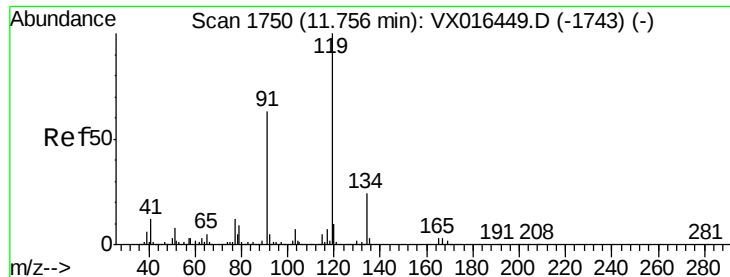
Tgt Ion: 91 Resp: 243247

Ion Ratio Lower Upper

91 100

126 29.6 14.7 44.1

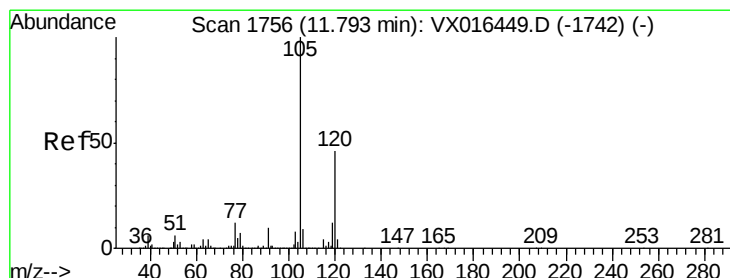
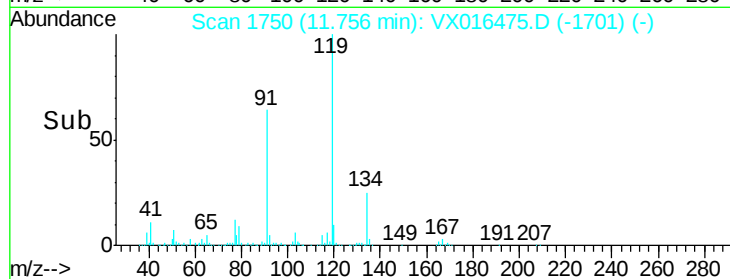
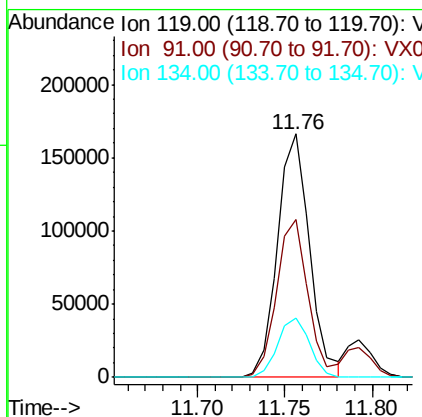
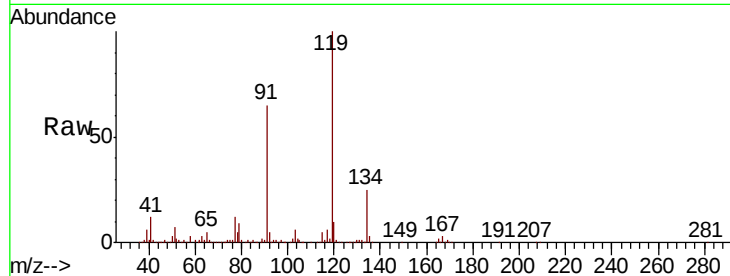




#83
 tert-Butylbenzene
 Concen: 19.078 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

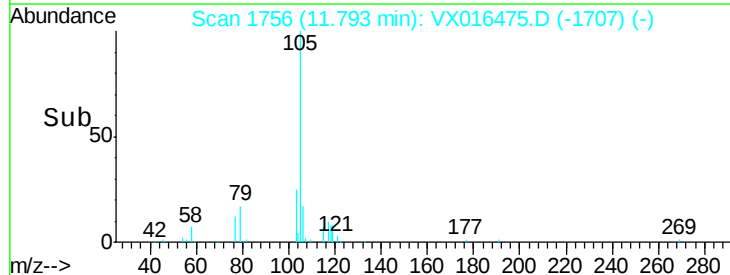
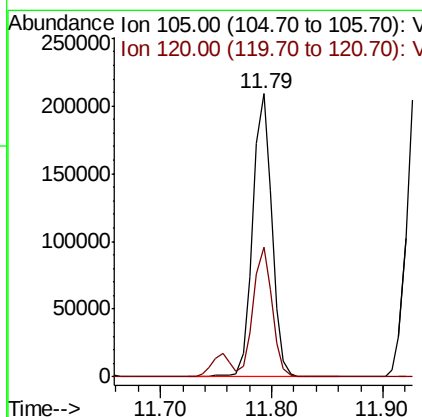
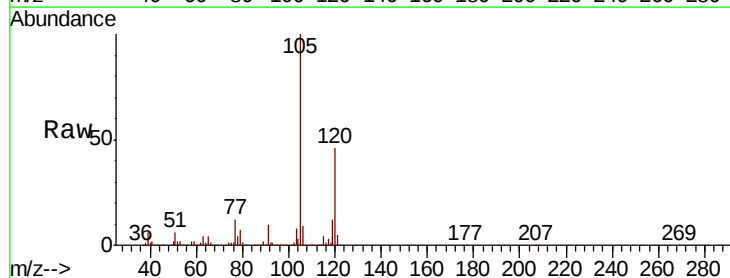
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	31.3	93.8
134	24.5	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.994 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.7





#85

sec-Butylbenzene

Concen: 19.386 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

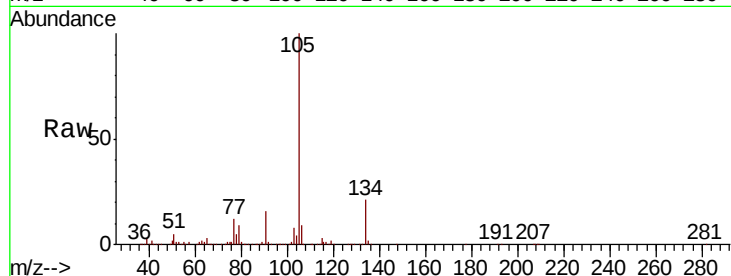
VX0528WBS01

Tot Ion:105 Resp: 270604

Ion Ratio Lower Upper

105 100

134 19.9 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

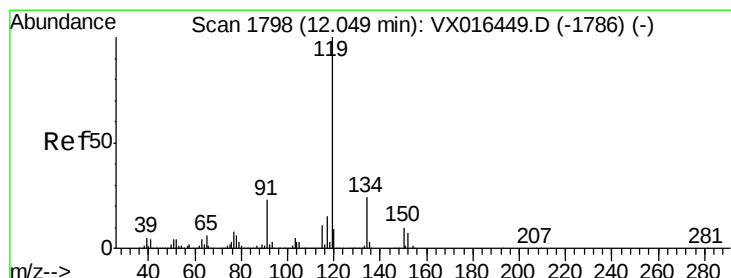
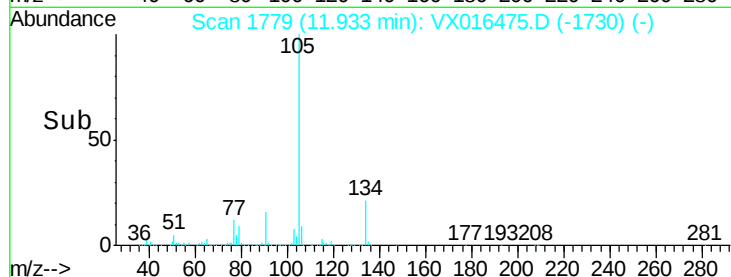
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.415 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

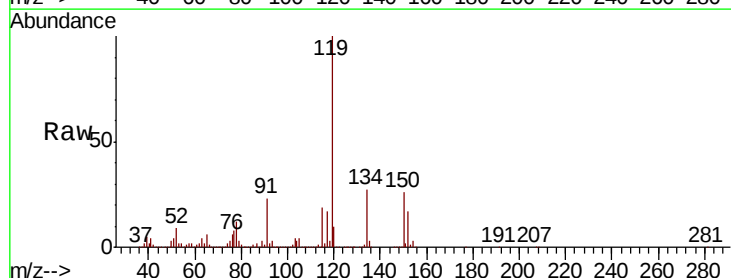
Tgt Ion:119 Resp: 253868

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

91 22.8 11.7 35.0



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

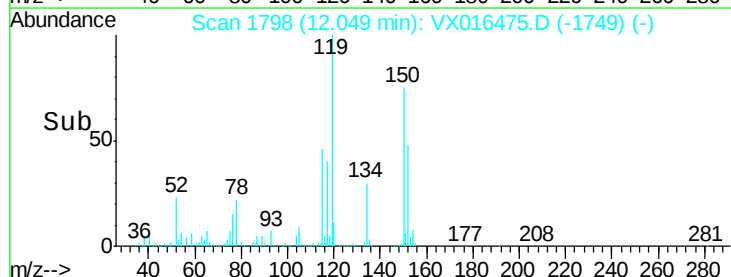
100000

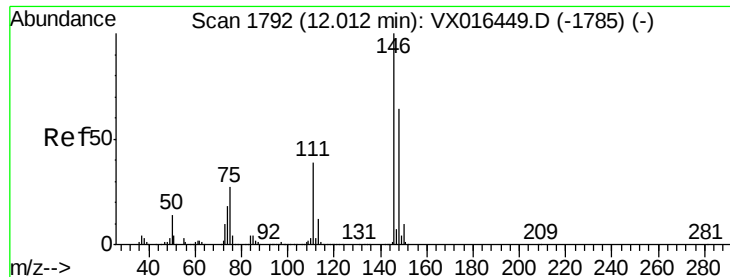
50000

0

11.90 12.00 12.10 12.20

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.976 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampled :

VX0528WBS01

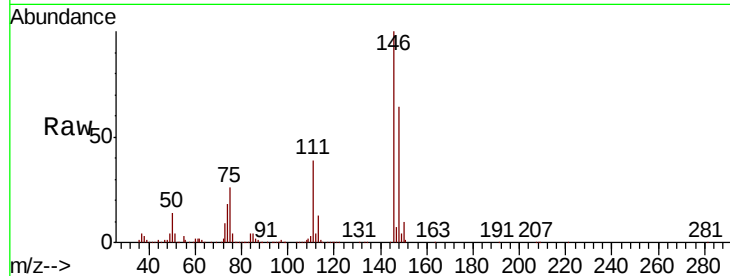
Tot Ion:146 Resp: 134478

Ion Ratio Lower Upper

146 100

111 40.6 20.0 60.0

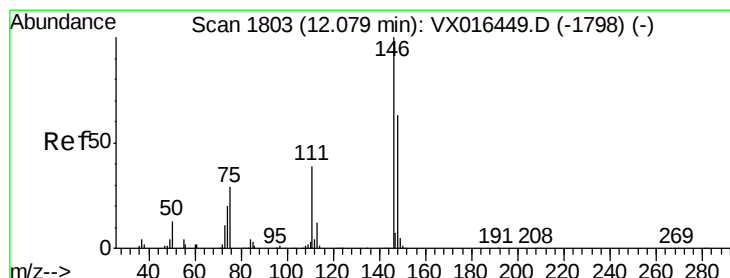
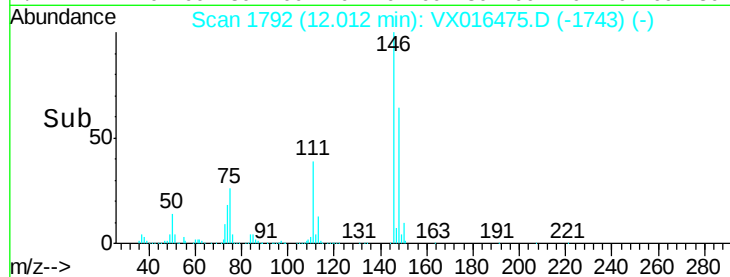
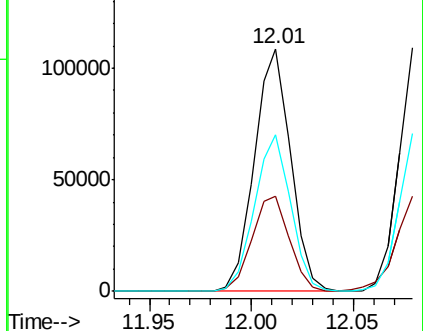
148 64.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.029 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

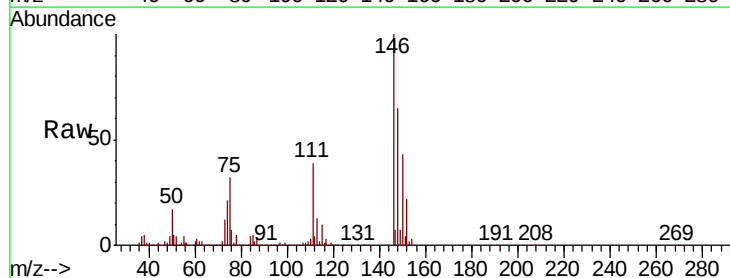
Tgt Ion:146 Resp: 137927

Ion Ratio Lower Upper

146 100

111 40.6 19.4 58.2

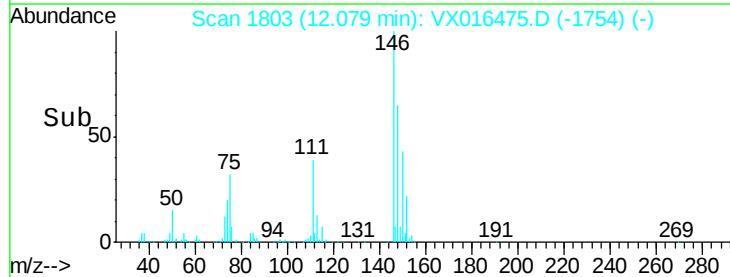
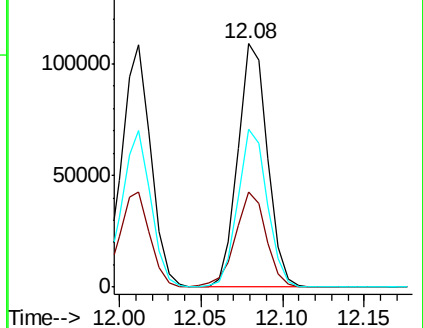
148 64.5 31.4 94.3

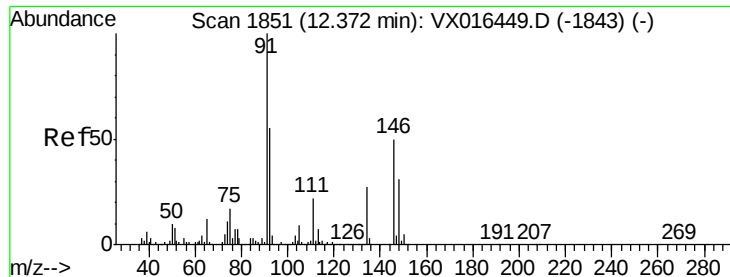


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.594 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampled :

VX0528WBS01

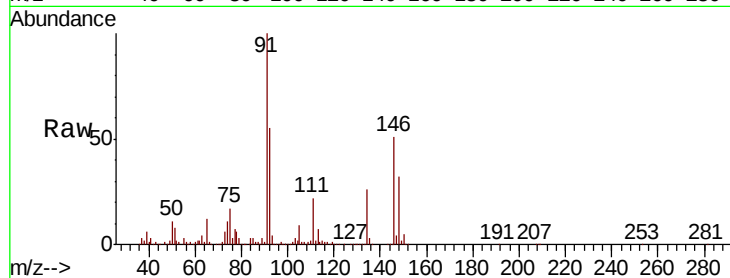
Tot Ion: 91 Resp: 213404

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.5

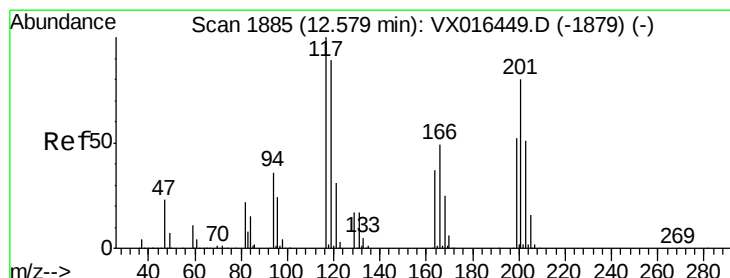
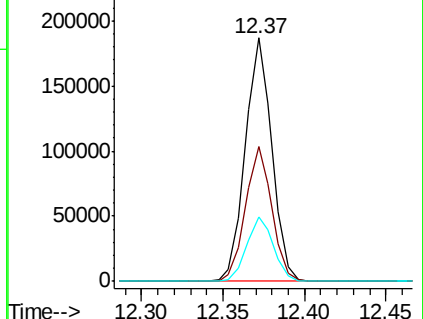
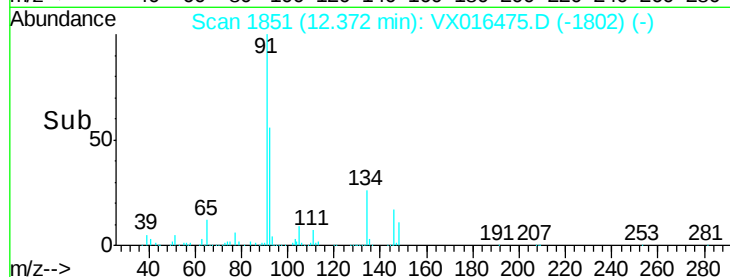
134 26.4 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX016475.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX016475.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX016475.D (-1802) (-)



#90

Hexachloroethane

Concen: 18.919 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016475.D

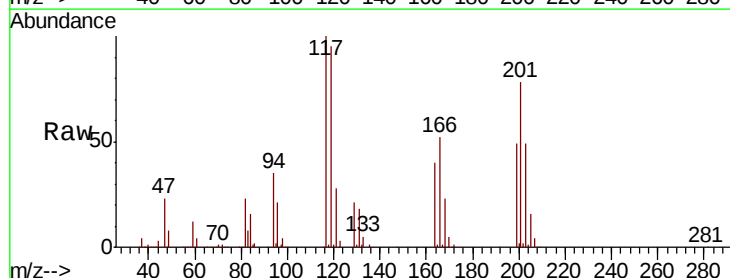
Acq: 28 May 2020 11:21

Tgt Ion: 117 Resp: 42730

Ion Ratio Lower Upper

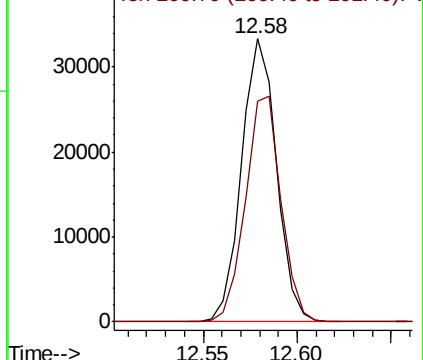
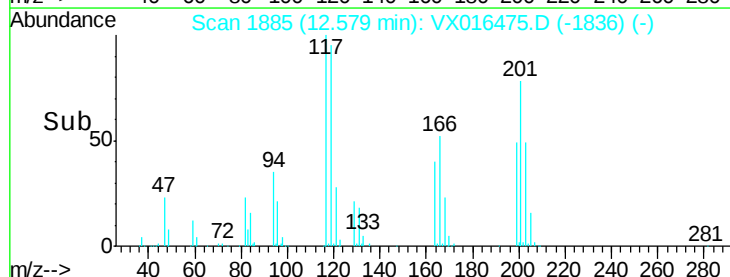
117 100

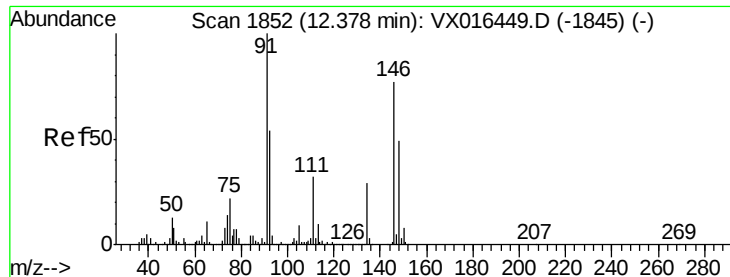
201 81.4 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): VX016475.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX016475.D (-1836) (-)





#91

1,2-Dichlorobenzene

Concen: 19.203 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampled :

VX0528WBS01

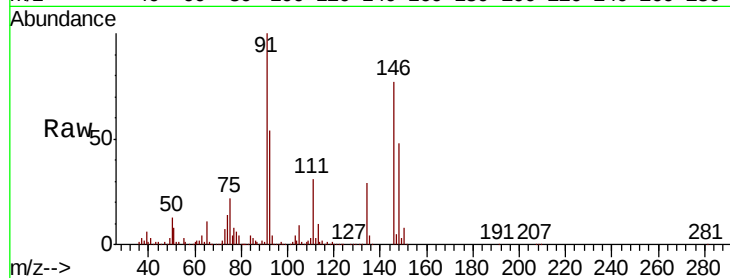
Tot Ion:146 Resp: 131850

Ion Ratio Lower Upper

146 100

111 41.7 21.4 64.3

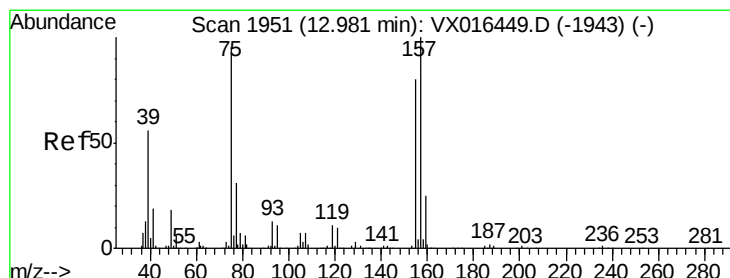
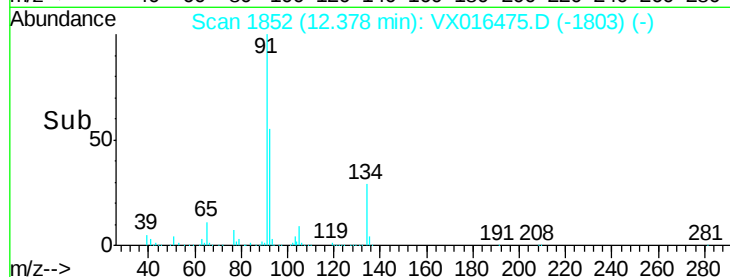
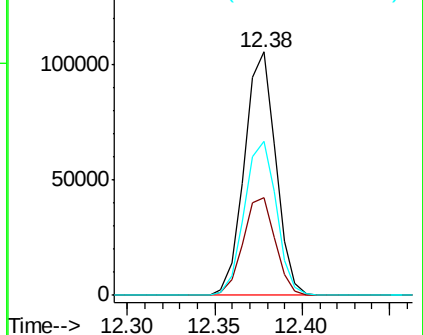
148 65.0 31.9 95.7



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: 18.715 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

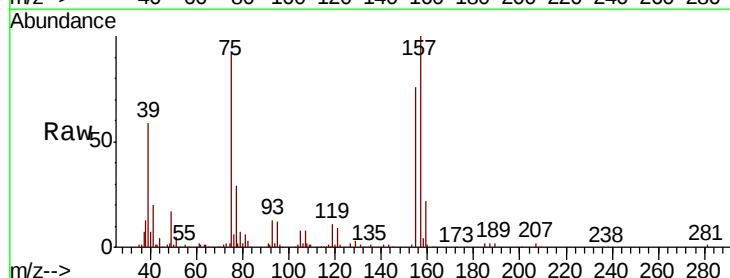
Tgt Ion: 75 Resp: 23695

Ion Ratio Lower Upper

75 100

155 87.9 44.1 132.4

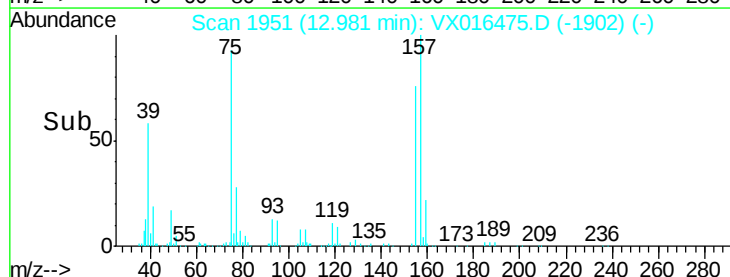
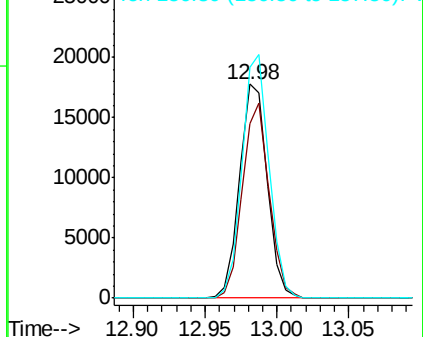
157 110.0 57.8 173.3

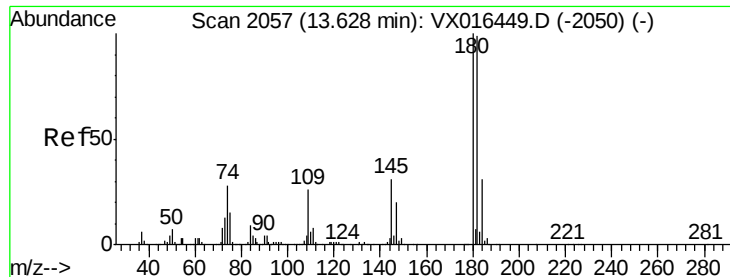


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

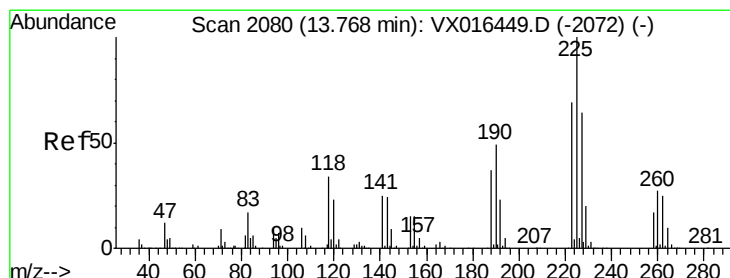
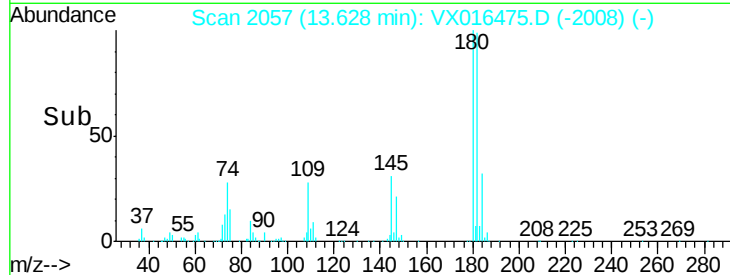
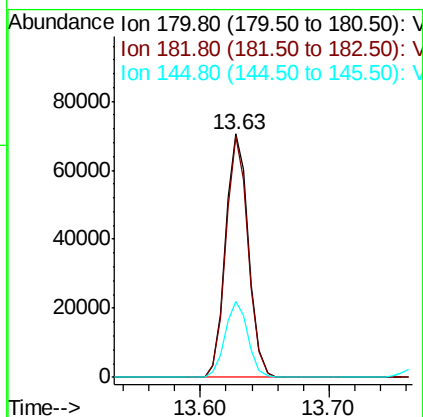
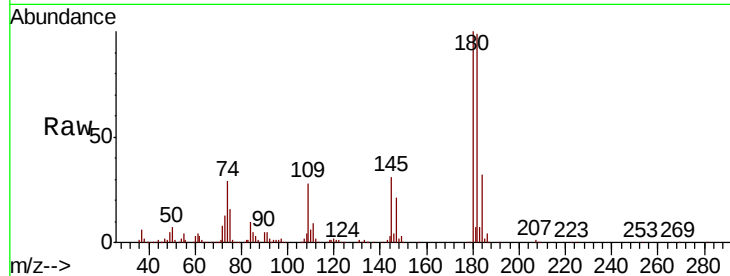




#93
 1,2,4-Trichlorobenzene
 Concen: 19.329 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

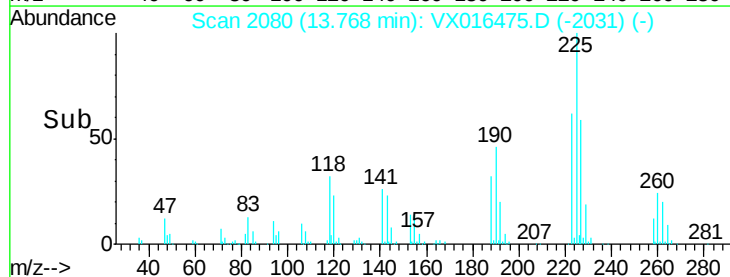
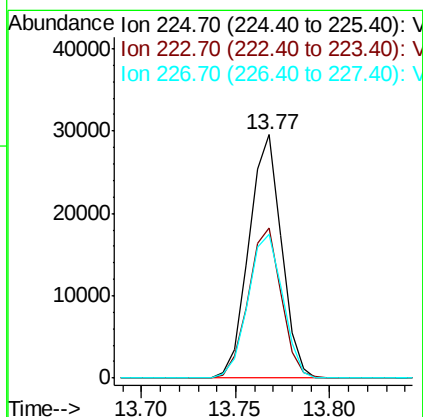
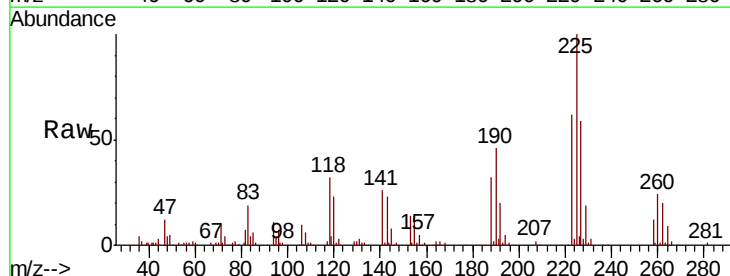
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

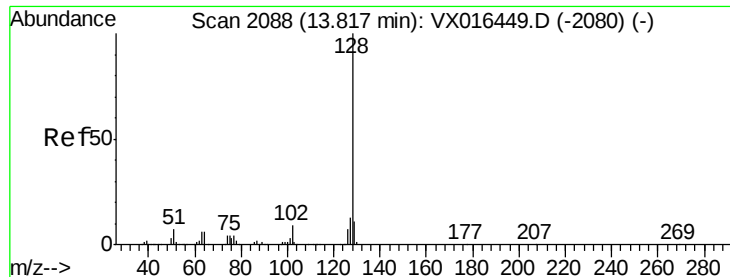
Tot Ion:180 Resp: 88141
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.3 144.8
 145 31.0 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 19.813 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016475.D
 Acq: 28 May 2020 11:21

Tgt Ion:225 Resp: 35472
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.3 96.8
 227 62.6 31.6 94.7





#95

Naphthalene

Concen: 19.727 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBS01

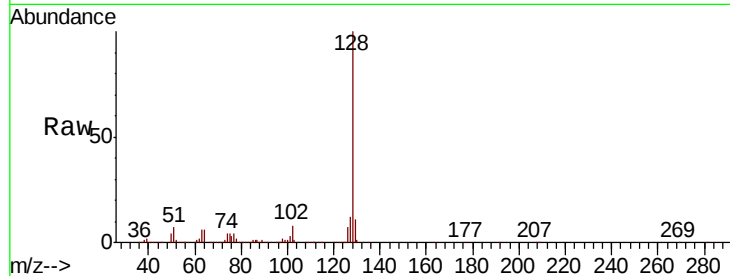
Tot Ion:128 Resp: 308381

Ion Ratio Lower Upper

128 100

127 12.4 10.6 15.8

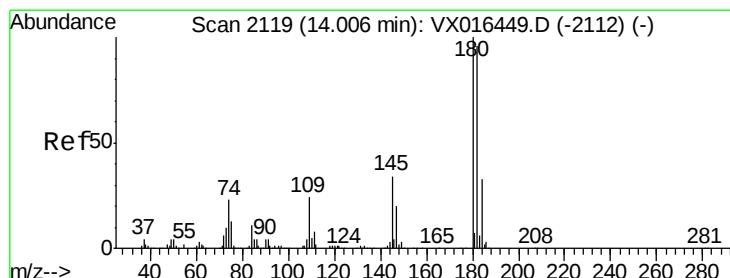
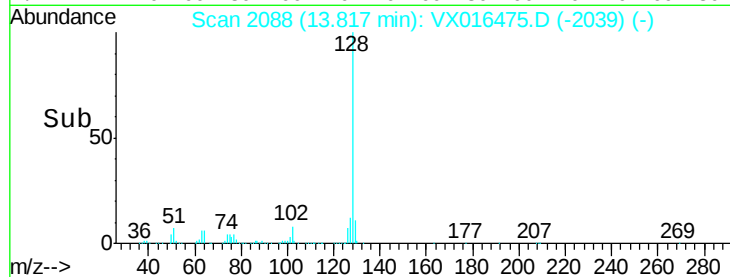
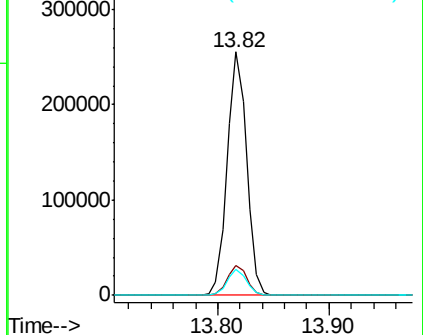
129 10.7 8.6 13.0



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: 19.767 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016475.D

Acq: 28 May 2020 11:21

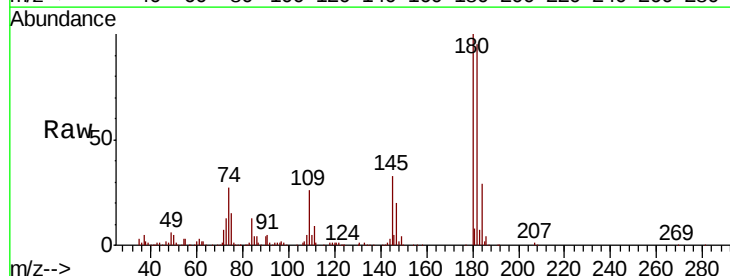
Tgt Ion:180 Resp: 88306

Ion Ratio Lower Upper

180 100

182 91.9 48.6 145.8

145 32.3 16.6 49.8



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

