

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016455.D
 Acq On : 27 May 2020 19:07
 Operator : JC/SP
 Sample : VX0527WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBSD01

Quant Time: May 28 02:57:03 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	5.63	168	299565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	471788	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215455	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172720	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	5.46	113	133945	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
50) Toluene-d8	8.70	98	537606	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.12	95	198414	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	56122	19.037	ug/l	99
3) Chloromethane	1.31	50	64795	18.188	ug/l	98
4) Vinyl Chloride	1.39	62	70725	18.772	ug/l	99
5) Bromomethane	1.63	94	41747	22.789	ug/l	99
6) Chloroethane	1.71	64	42721	19.439	ug/l	97
7) Trichlorofluoromethane	1.92	101	92686	18.732	ug/l	99
8) Diethyl Ether	2.17	74	37850	18.346	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	51168	18.790	ug/l	99
10) Methyl Iodide	2.49	142	46688	16.529	ug/l	99
11) Tert butyl alcohol	3.01	59	89013	93.307	ug/l	100
12) 1,1-Dichloroethene	2.36	96	53773	18.655	ug/l	98
13) Acrolein	2.27	56	33612	82.827	ug/l	98
14) Allyl chloride	2.71	41	103154	19.459	ug/l	99
15) Acrylonitrile	3.12	53	190056	97.257	ug/l	99
16) Acetone	2.42	43	158756	97.402	ug/l	99
17) Carbon Disulfide	2.55	76	163854	19.142	ug/l	99
18) Methyl Acetate	2.75	43	81433	19.480	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	199769	19.300	ug/l	97
20) Methylene Chloride	2.84	84	62480	18.528	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	60914	19.105	ug/l	96
22) Diisopropyl ether	3.82	45	196764	19.322	ug/l	99
23) Vinyl Acetate	3.79	43	870042	97.609	ug/l	100
24) 1,1-Dichloroethane	3.67	63	108912	18.949	ug/l	99
25) 2-Butanone	4.64	43	265594	96.166	ug/l	98
26) 2,2-Dichloropropane	4.55	77	92172	19.598	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	69484	18.838	ug/l	98
28) Bromochloromethane	4.98	49	52018	19.475	ug/l	100
29) Tetrahydrofuran	5.09	42	174952	98.053	ug/l	99
30) Chloroform	5.18	83	110938	19.156	ug/l	98
31) Cyclohexane	5.55	56	97975	18.948	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	99301	18.939	ug/l	99
36) 1,1-Dichloropropene	5.77	75	83080	18.599	ug/l	99
37) Ethyl Acetate	4.79	43	100407	18.722	ug/l	98
38) Carbon Tetrachloride	5.75	117	87925	18.730	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016455.D
 Acq On : 27 May 2020 19:07
 Operator : JC/SP
 Sample : VX0527WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBSD01

Quant Time: May 28 02:57:03 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	91646	18.889	ug/l	99
40) Benzene	6.12	78	252513	18.983	ug/l	100
41) Methacrylonitrile	5.01	41	54320	18.440	ug/l	99
42) 1,2-Dichloroethane	6.16	62	88812	18.774	ug/l	99
43) Isopropyl Acetate	6.42	43	158390	18.934	ug/l	100
44) Trichloroethene	7.19	130	78892	18.692	ug/l	98
45) 1,2-Dichloropropane	7.49	63	65003	19.195	ug/l	99
46) Dibromomethane	7.64	93	42610	18.733	ug/l	100
47) Bromodichloromethane	7.88	83	88748	18.844	ug/l	95
48) Methyl methacrylate	7.75	41	75190	18.773	ug/l	99
49) 1,4-Dioxane	7.71	88	33998	362.709	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	507253	97.386	ug/l	100
52) Toluene	8.77	92	159521	19.017	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	102713	19.179	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	108368	19.117	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	63087	18.915	ug/l	97
56) Ethyl methacrylate	9.16	69	101232	18.637	ug/l	98
57) 1,3-Dichloropropane	9.35	76	108761	18.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	261539	92.247	ug/l	100
59) 2-Hexanone	9.48	43	392999	97.023	ug/l	99
60) Dibromochloromethane	9.57	129	68787	18.327	ug/l	99
61) 1,2-Dibromoethane	9.65	107	66679	18.670	ug/l	99
64) Tetrachloroethene	9.32	164	90056	18.572	ug/l	97
65) Chlorobenzene	10.12	112	168713	19.093	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	62613	18.563	ug/l	98
67) Ethyl Benzene	10.24	91	300694	19.113	ug/l	99
68) m/p-Xylenes	10.34	106	224914	38.558	ug/l	99
69) o-Xylene	10.68	106	107724	19.069	ug/l	98
70) Styrene	10.70	104	186988	19.257	ug/l	100
71) Bromoform	10.84	173	51869	18.195	ug/l #	97
73) Isopropylbenzene	11.00	105	284130	19.033	ug/l	100
74) N-amyl acetate	10.88	43	132274	19.263	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	70752	18.911	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	118794	25.084	ug/l	84
77) Bromobenzene	11.24	156	72572	18.535	ug/l	98
78) n-propylbenzene	11.34	91	322139	19.315	ug/l	100
79) 2-Chlorotoluene	11.40	91	193745	19.031	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	239839	19.241	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	35071	18.216	ug/l	98
82) 4-Chlorotoluene	11.49	91	229050	19.053	ug/l	100
83) tert-Butylbenzene	11.76	119	205142	19.261	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	241465	19.155	ug/l	100
85) sec-Butylbenzene	11.93	105	257052	19.239	ug/l	99
86) p-Isopropyltoluene	12.05	119	241979	19.334	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	127113	18.739	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	128502	18.522	ug/l	96
89) n-Butylbenzene	12.37	91	201431	19.322	ug/l	100
90) Hexachloroethane	12.58	117	40042	18.522	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	125455	19.089	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22596	18.646	ug/l	99

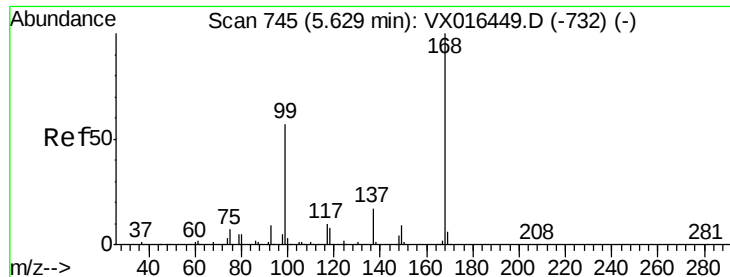
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
Data File : VX016455.D
Acq On : 27 May 2020 19:07
Operator : JC/SP
Sample : VX0527WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBSD01

Quant Time: May 28 02:57:03 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	83089	19.036	ug/l	99
94) Hexachlorobutadiene	13.76	225	34004	19.842	ug/l	98
95) Naphthalene	13.82	128	291089	19.454	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	84233	19.698	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

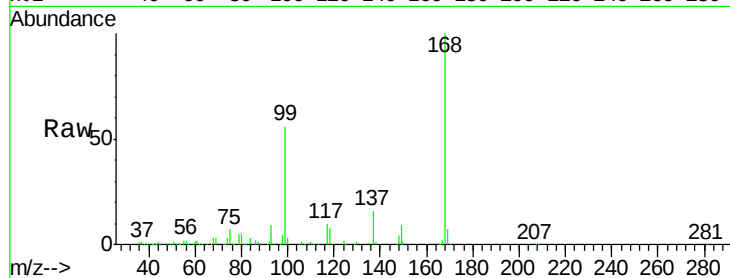
VX0527WBSD01

Tot Ion:168 Resp: 299565

Ion Ratio Lower Upper

168 100

99 55.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

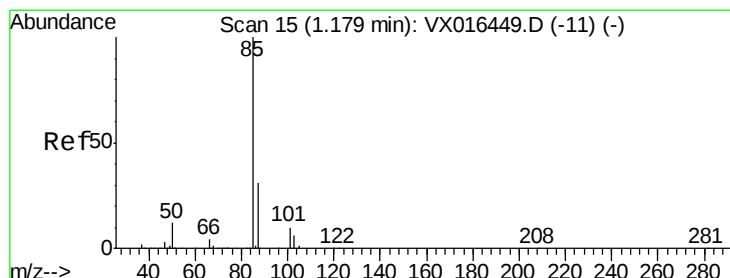
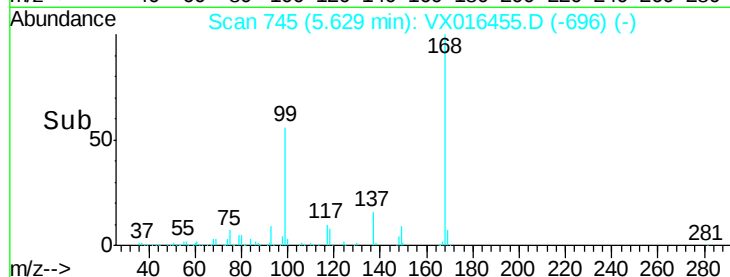
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.037 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016455.D

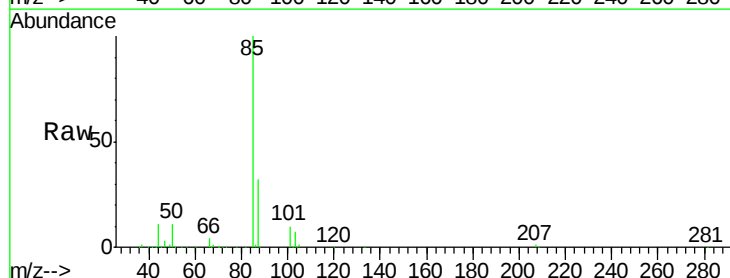
Acq: 27 May 2020 19:07

Tgt Ion: 85 Resp: 56122

Ion Ratio Lower Upper

85 100

87 31.6 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

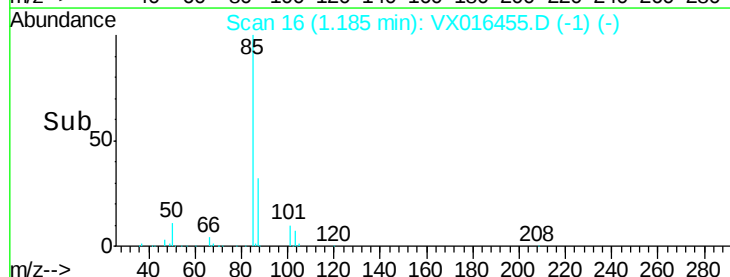
60000

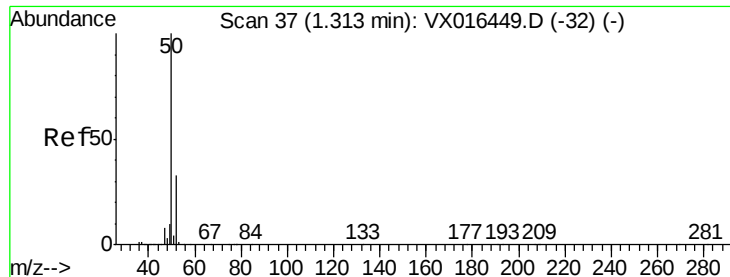
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.188 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

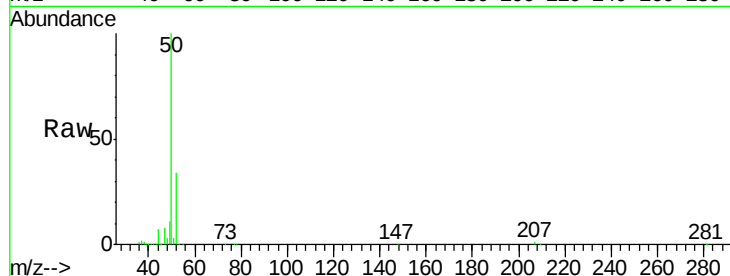
VX0527WBSD01

Tot Ion: 50 Resp: 64795

Ion Ratio Lower Upper

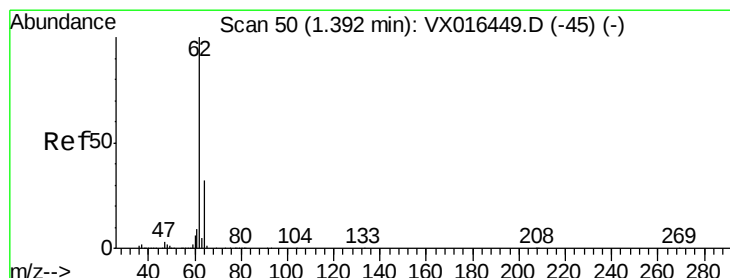
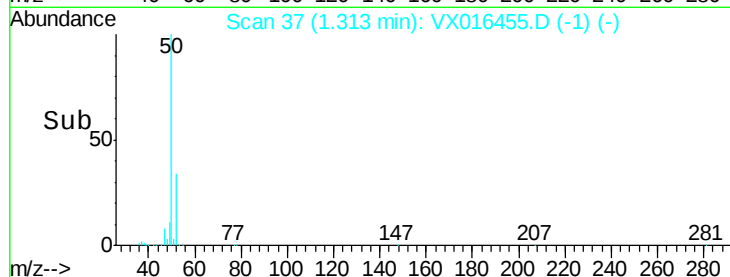
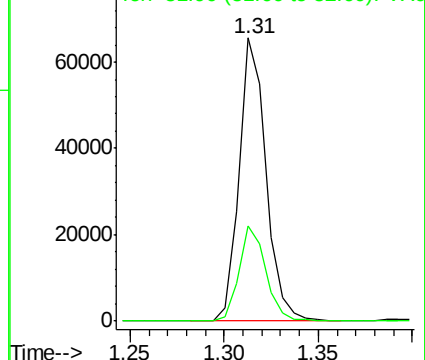
50 100

52 33.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.772 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016455.D

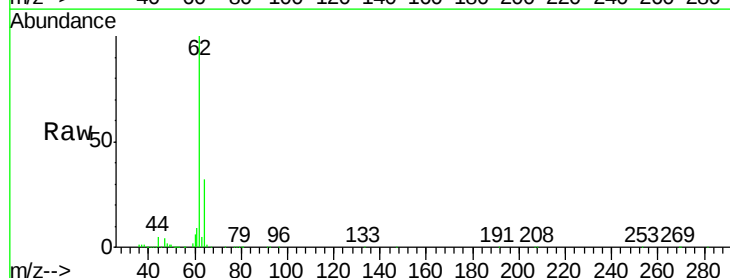
Acq: 27 May 2020 19:07

Tgt Ion: 62 Resp: 70725

Ion Ratio Lower Upper

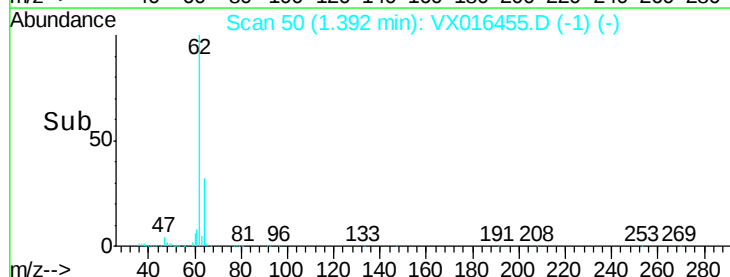
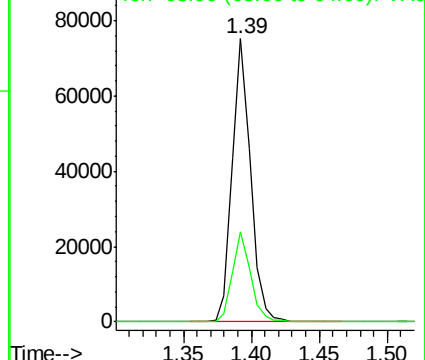
62 100

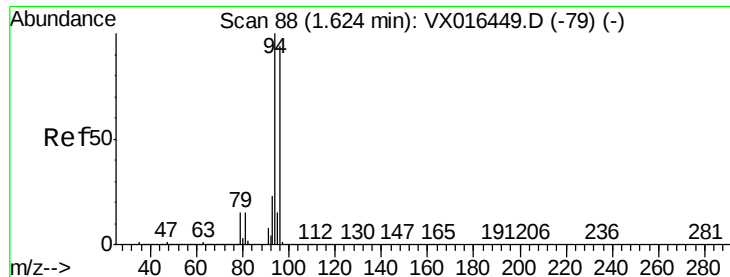
64 31.7 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.789 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

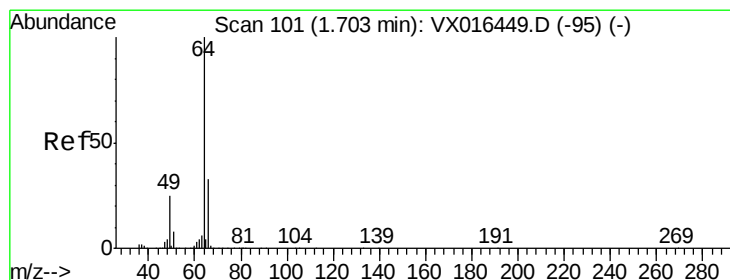
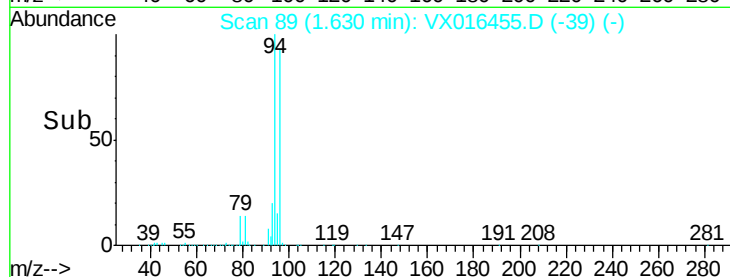
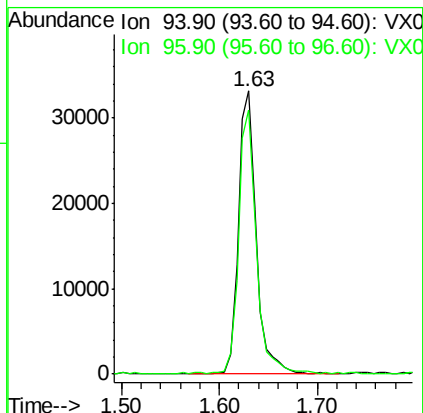
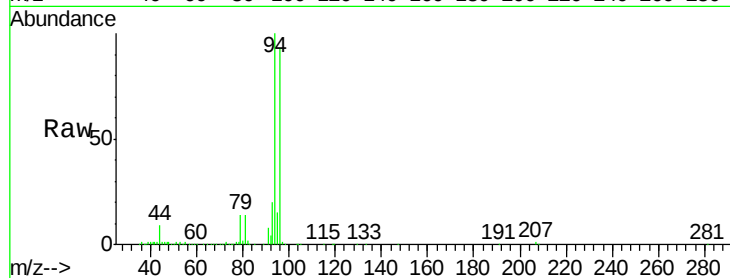
VX0527WBSD01

Tot Ion: 94 Resp: 41747

Ion Ratio Lower Upper

94 100

96 92.8 75.1 112.7



#6

Chloroethane

Concen: 19.439 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016455.D

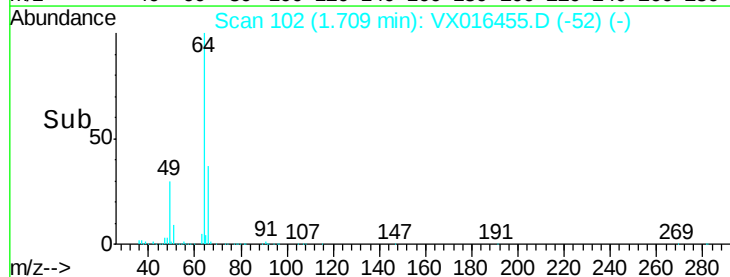
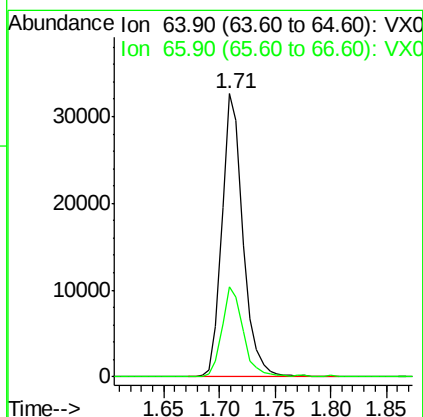
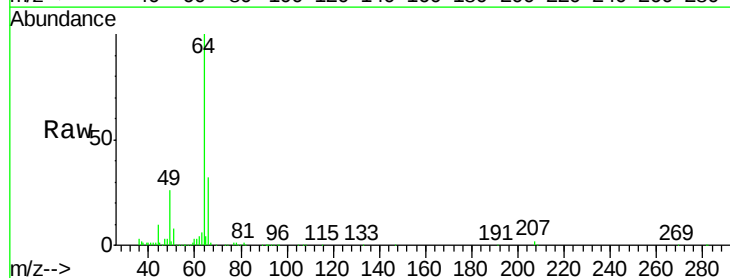
Acq: 27 May 2020 19:07

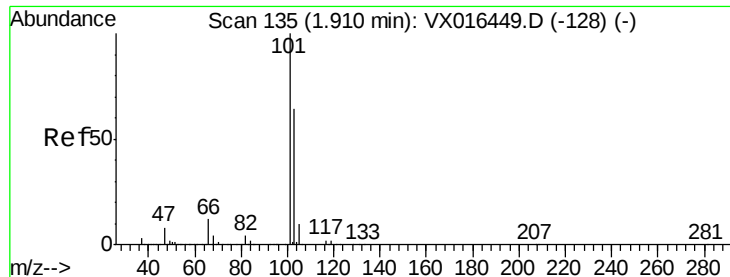
Tgt Ion: 64 Resp: 42721

Ion Ratio Lower Upper

64 100

66 31.7 26.7 40.1



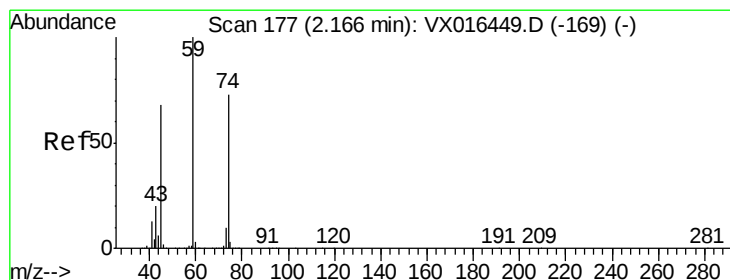
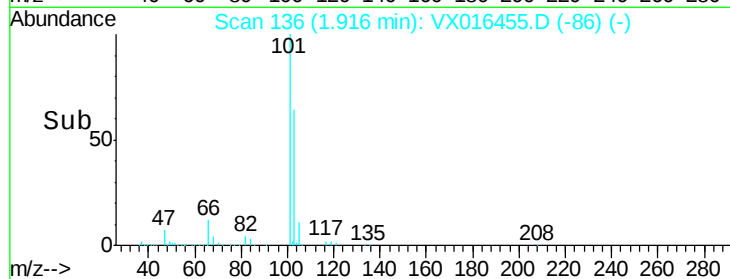
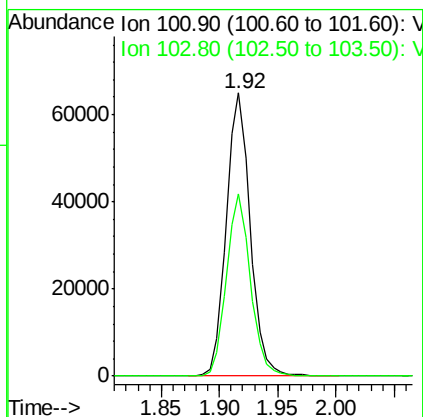
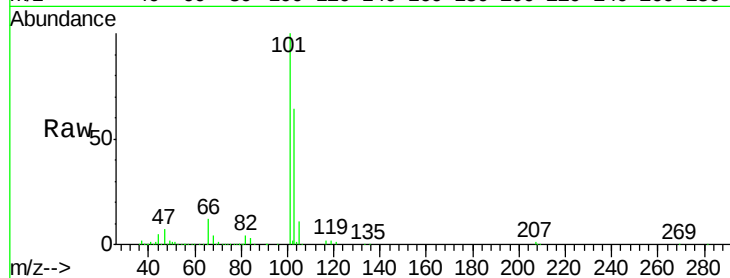


#7

Trichlorofluoromethane
 Concen: 18.732 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBSD01

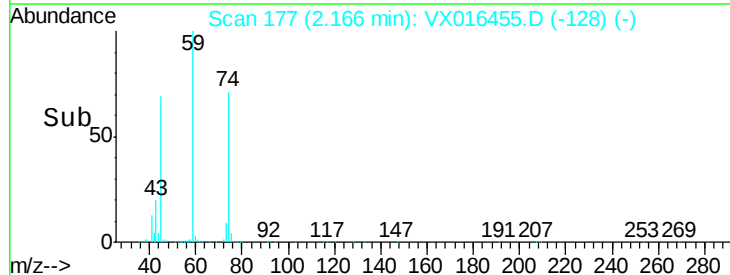
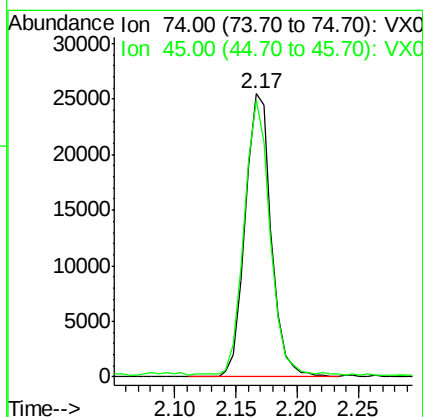
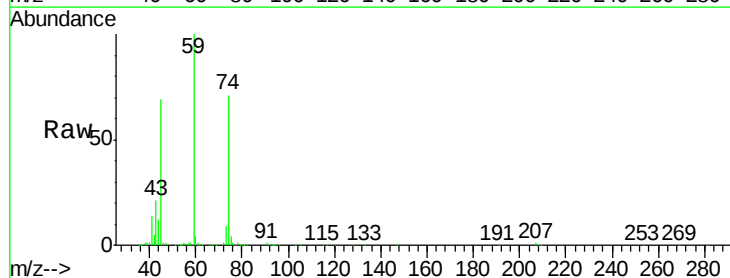
Tot Ion:101 Resp: 92686
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.9 76.3



#8

Diethyl Ether
 Concen: 18.346 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Tgt Ion: 74 Resp: 37850
 Ion Ratio Lower Upper
 74 100
 45 97.1 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.790 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

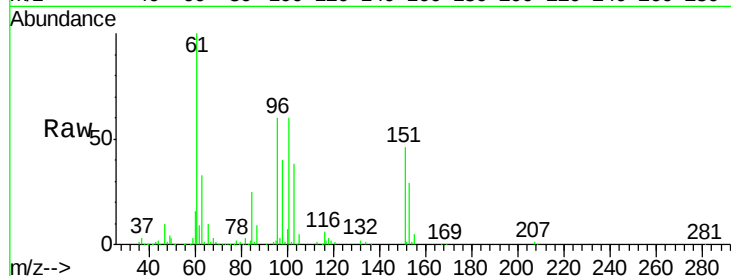
Tot Ion:101 Resp: 51168

Ion Ratio Lower Upper

101 100

85 43.2 34.4 51.6

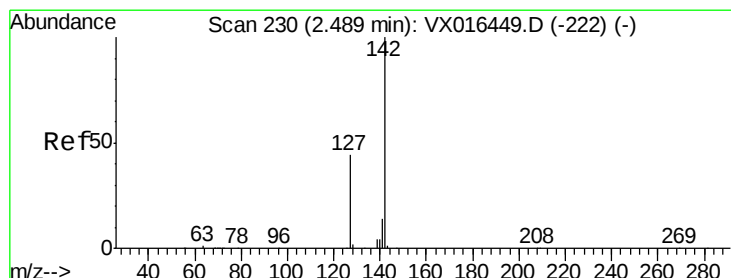
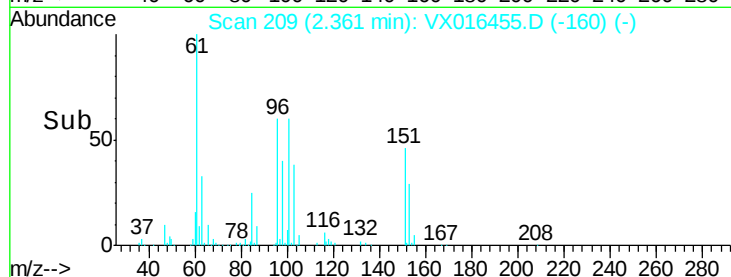
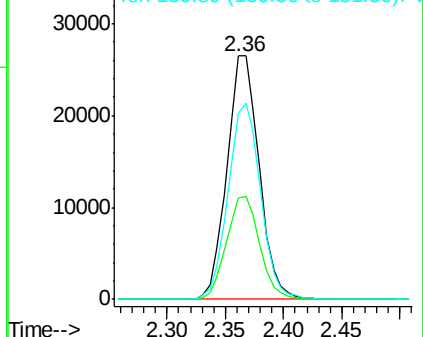
151 81.1 63.8 95.6



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: 16.529 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

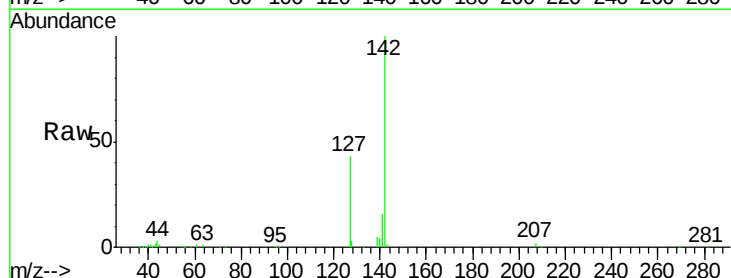
Tgt Ion:142 Resp: 46688

Ion Ratio Lower Upper

142 100

127 43.6 35.3 52.9

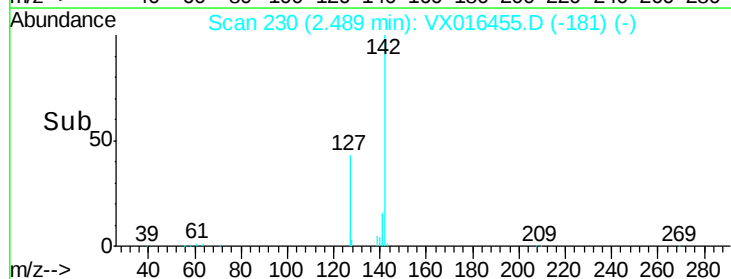
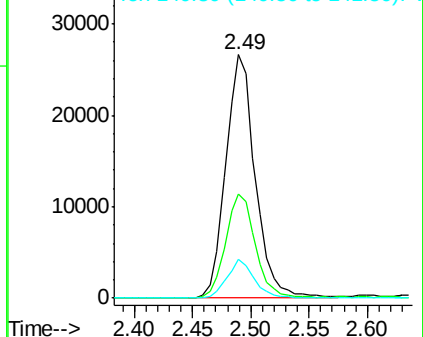
141 14.8 11.4 17.2

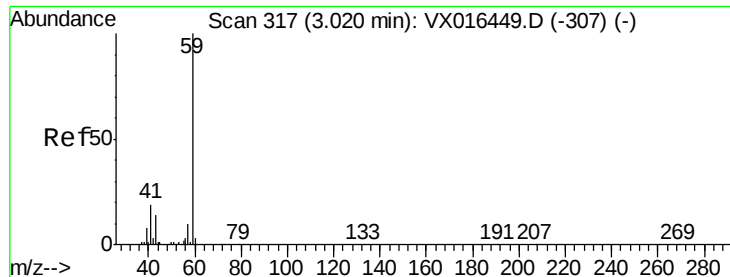


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



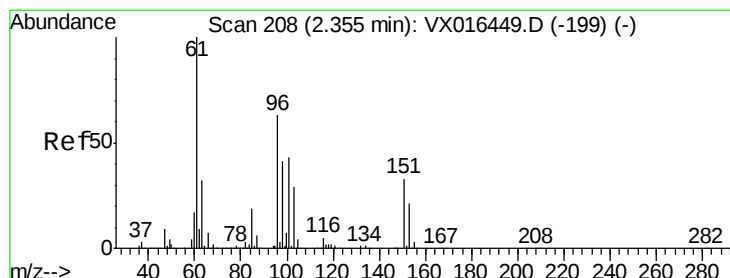
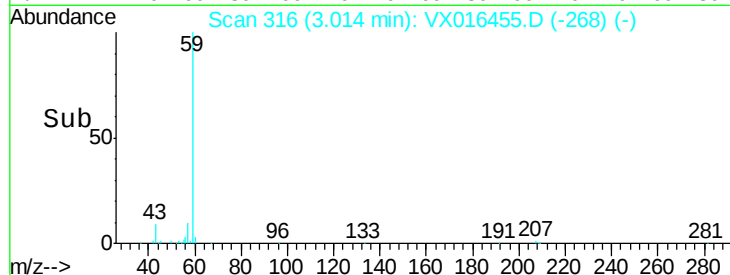
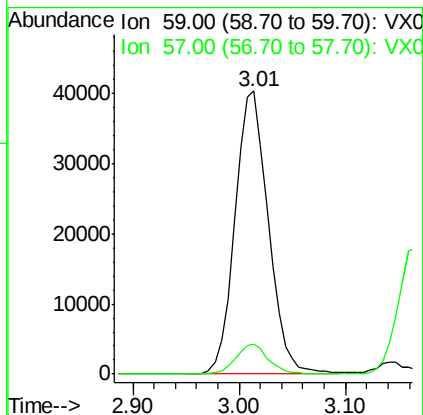
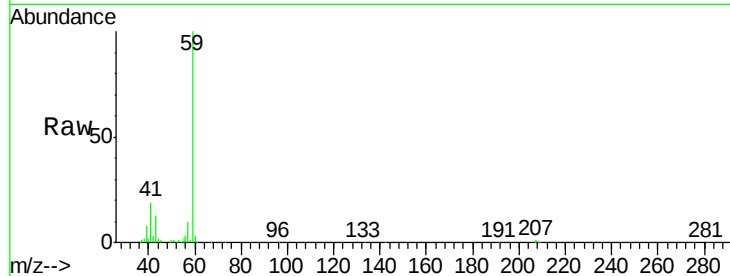


#11

Tert butyl alcohol
 Concen: 93.307 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBSD01

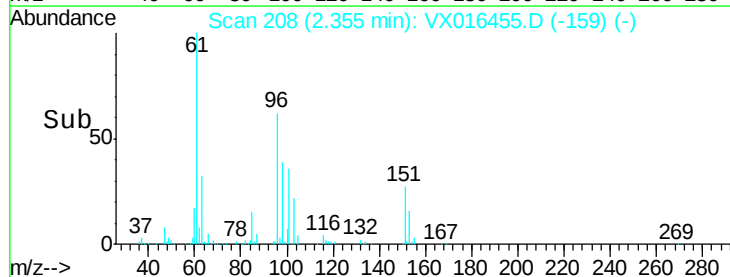
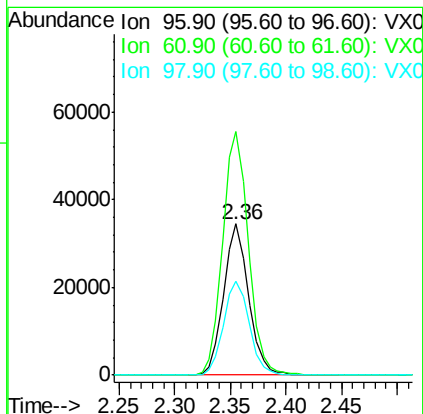
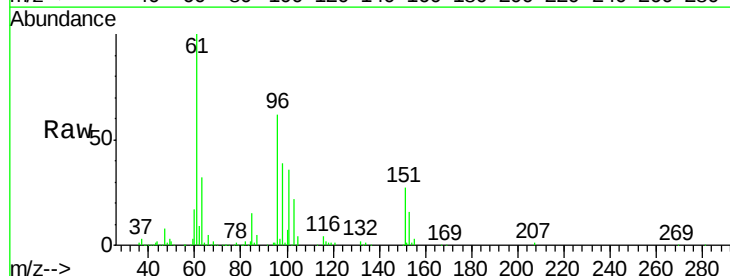
Tot Ion: 59 Resp: 89013
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

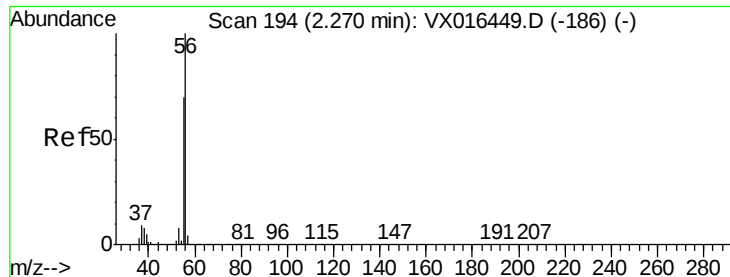


#12

1,1-Dichloroethene
 Concen: 18.655 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Tgt Ion: 96 Resp: 53773
 Ion Ratio Lower Upper
 96 100
 61 161.0 126.6 189.8
 98 62.2 51.3 76.9





#13

Acrolein

Concen: 82.827 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

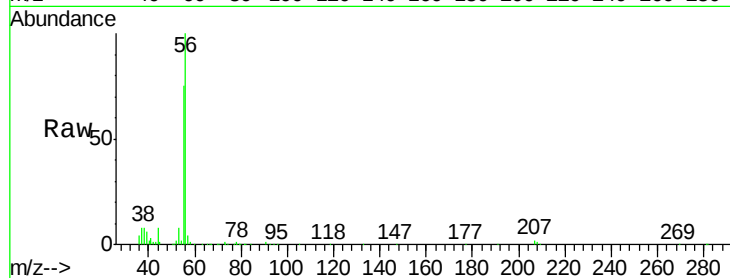
VX0527WBSD01

Tot Ion: 56 Resp: 33612

Ion Ratio Lower Upper

56 100

55 71.2 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

25000

20000

15000

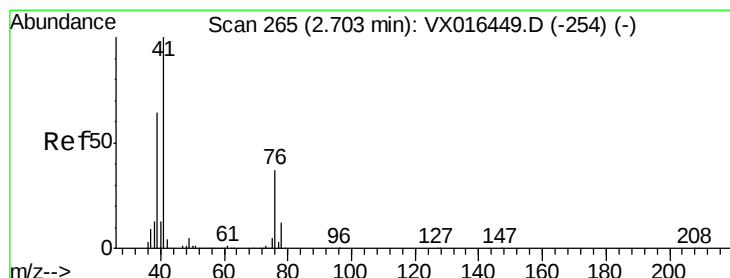
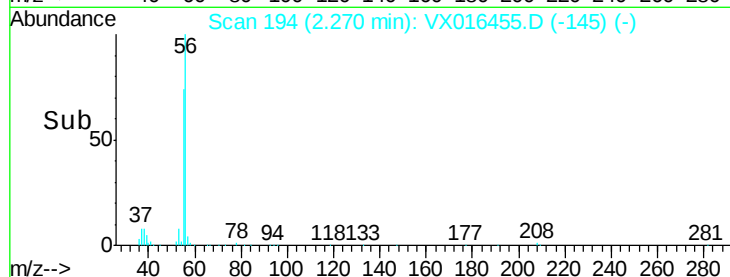
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 19.459 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

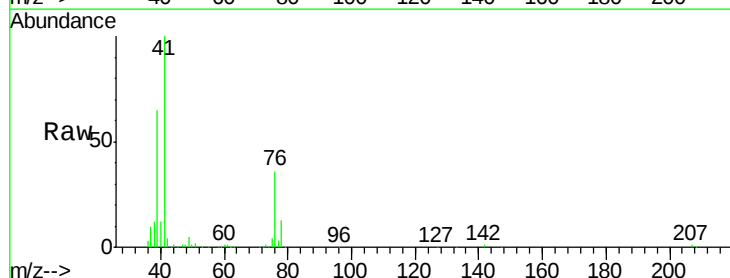
Tgt Ion: 41 Resp: 103154

Ion Ratio Lower Upper

41 100

39 58.6 47.7 71.5

76 33.1 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.71

60000

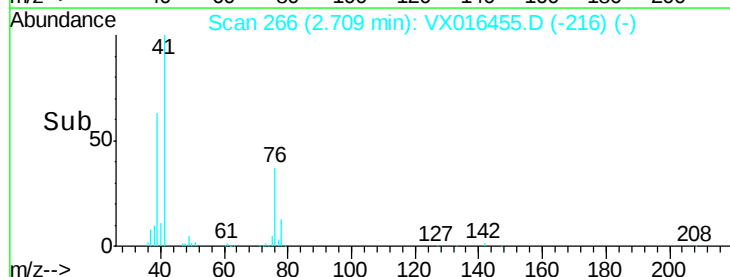
40000

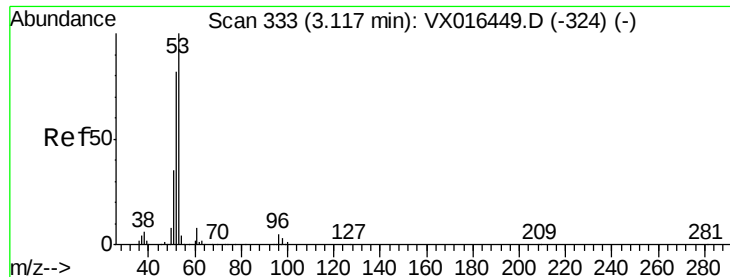
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 97.257 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

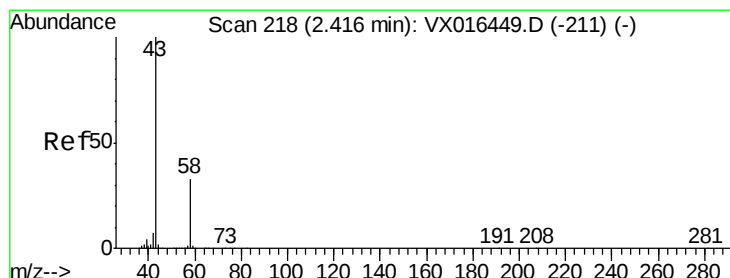
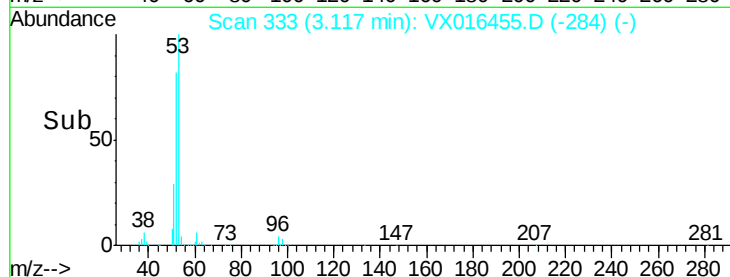
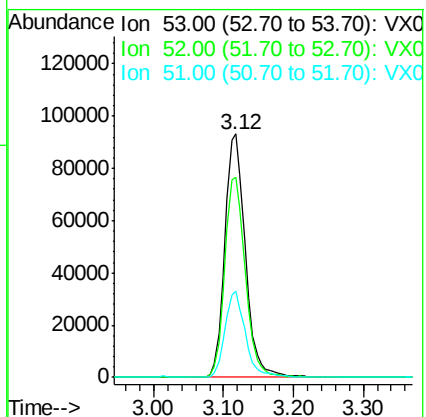
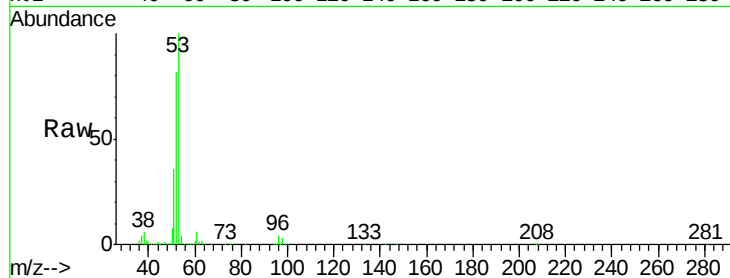
Tot Ion: 53 Resp: 190056

Ion Ratio Lower Upper

53 100

52 82.3 66.7 100.1

51 35.1 28.6 43.0



#16

Acetone

Concen: 97.402 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016455.D

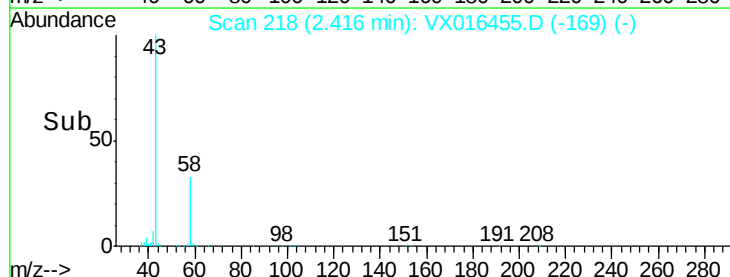
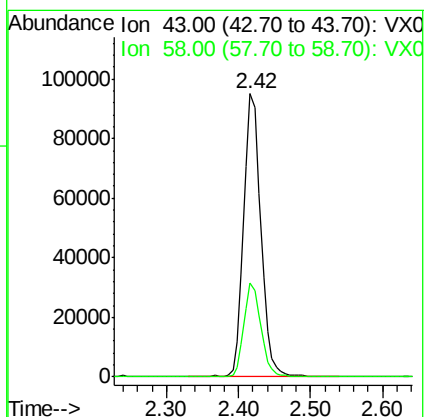
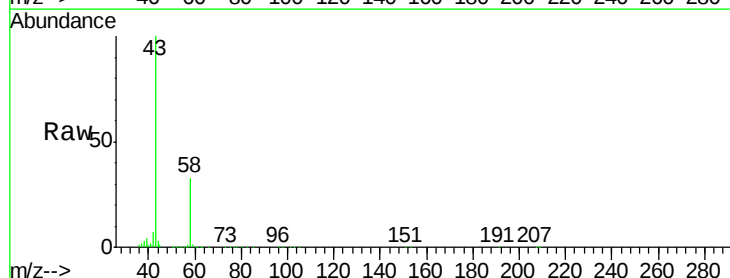
Acq: 27 May 2020 19:07

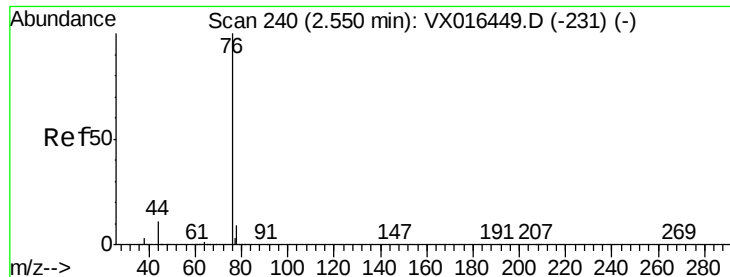
Tgt Ion: 43 Resp: 158756

Ion Ratio Lower Upper

43 100

58 33.4 26.1 39.1





#17

Carbon Disulfide

Concen: 19.142 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

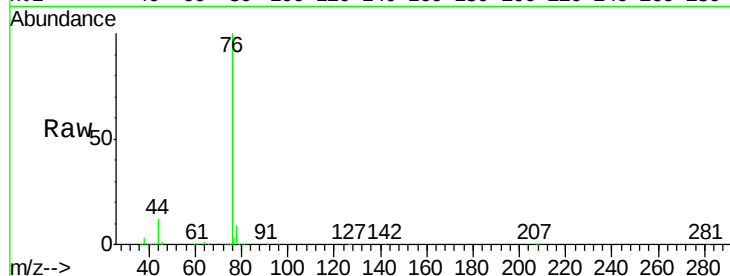
VX0527WBSD01

Tot Ion: 76 Resp: 163854

Ion Ratio Lower Upper

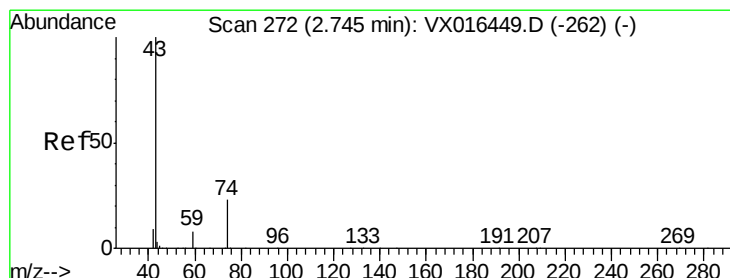
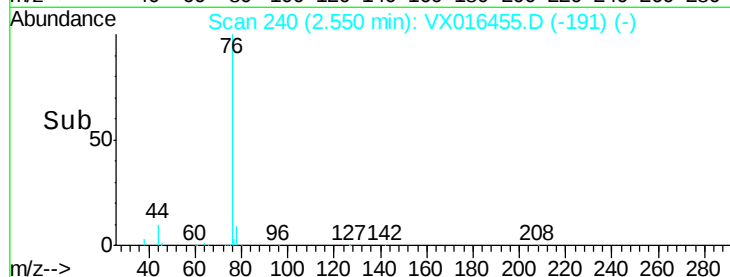
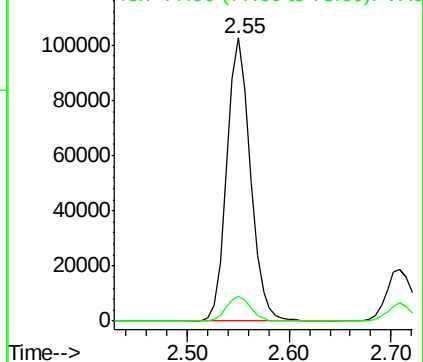
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.480 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016455.D

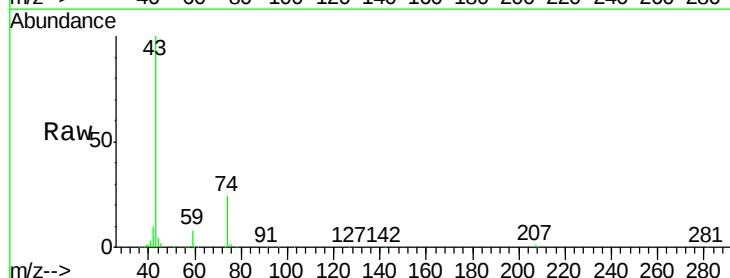
Acq: 27 May 2020 19:07

Tgt Ion: 43 Resp: 81433

Ion Ratio Lower Upper

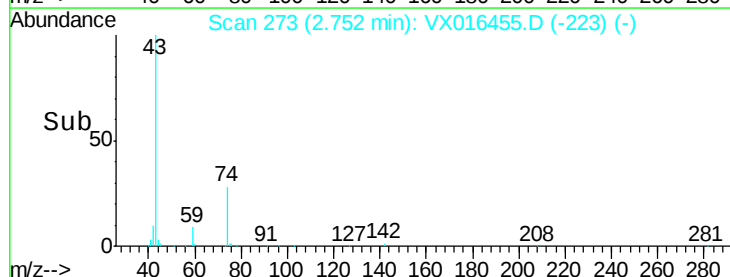
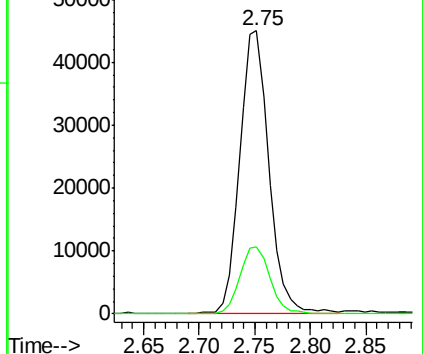
43 100

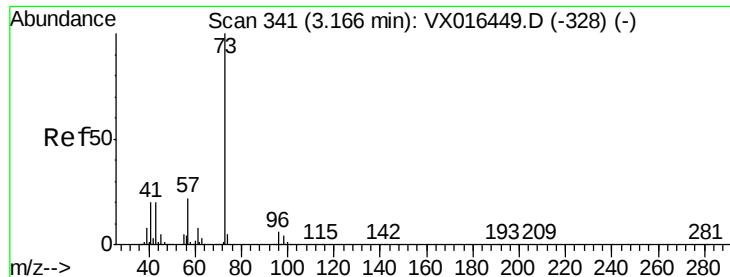
74 25.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

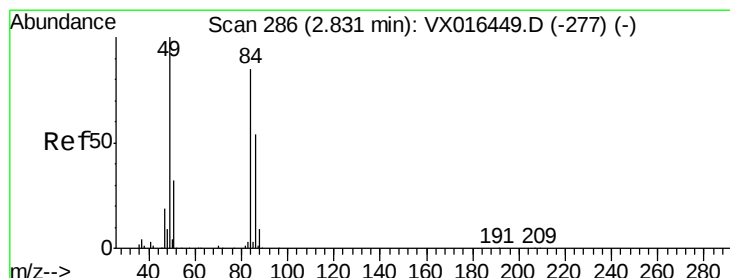
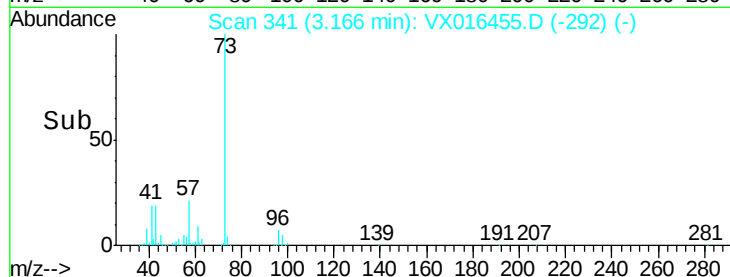
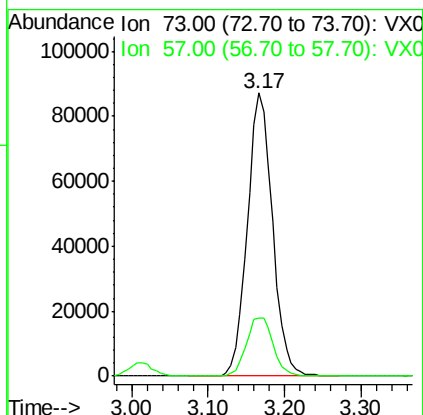
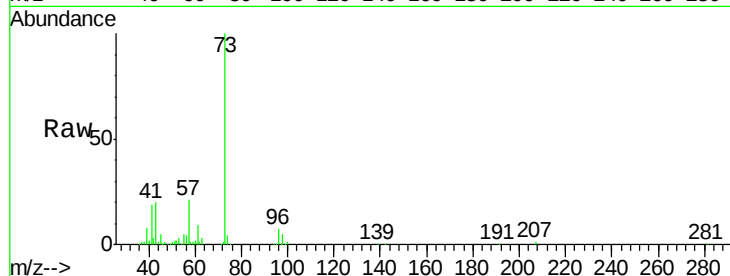




#19
Methvl tert-butvl Ether
Concen: 19.300 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

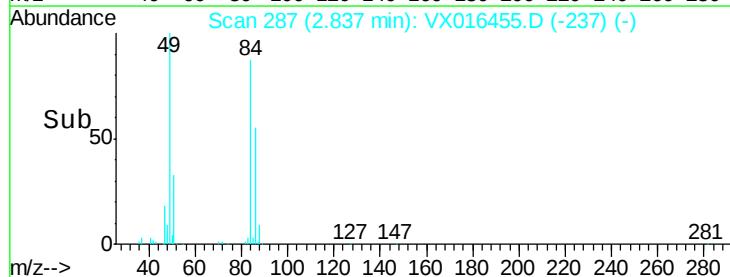
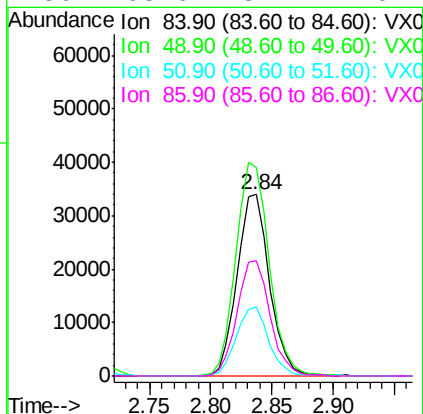
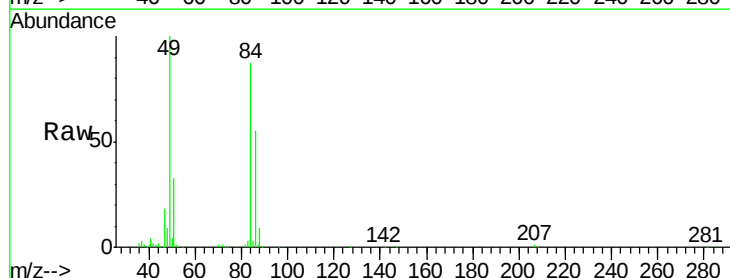
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBSD01

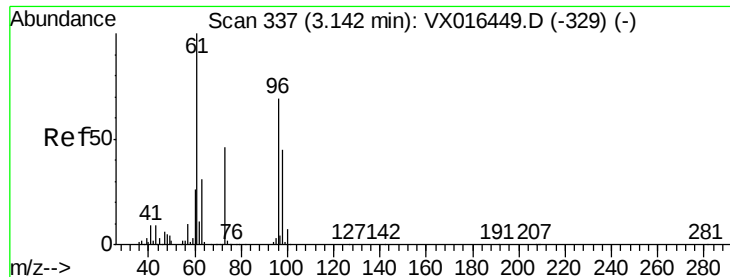
Tot Ion: 73 Resp: 199769
Ion Ratio Lower Upper
73 100
57 20.5 17.8 26.6



#20
Methylene Chloride
Concen: 18.528 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

Tgt Ion: 84 Resp: 62480
Ion Ratio Lower Upper
84 100
49 114.9 94.5 141.7
51 38.0 30.2 45.4
86 63.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.105 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

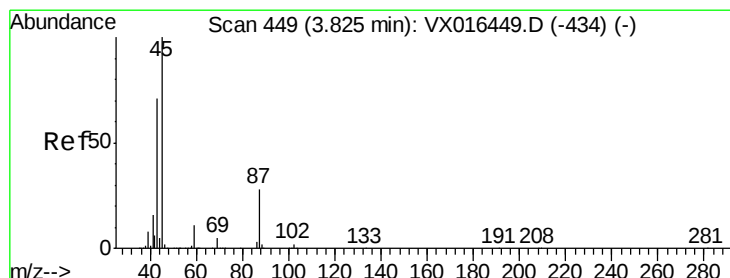
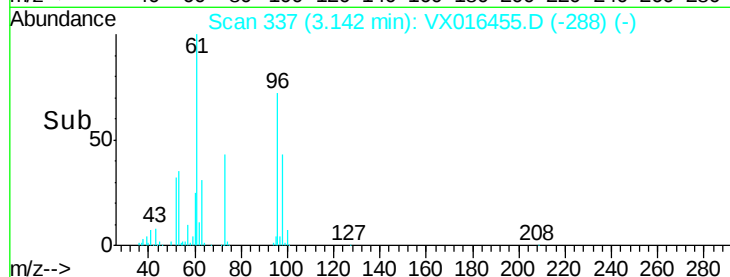
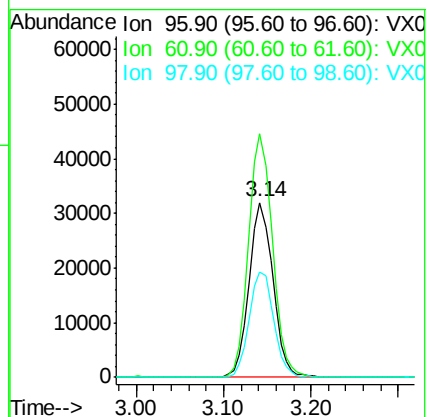
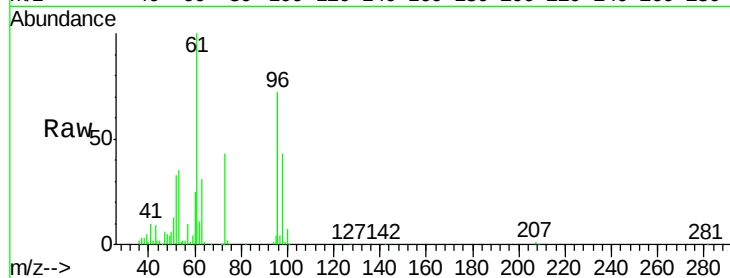
Tot Ion: 96 Resp: 60914

Ion Ratio Lower Upper

96 100

61 139.7 115.3 172.9

98 60.6 51.9 77.9



#22

Diisopropyl ether

Concen: 19.322 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Tgt Ion: 45 Resp: 196764

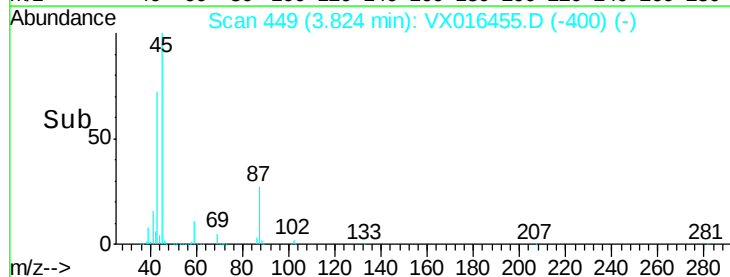
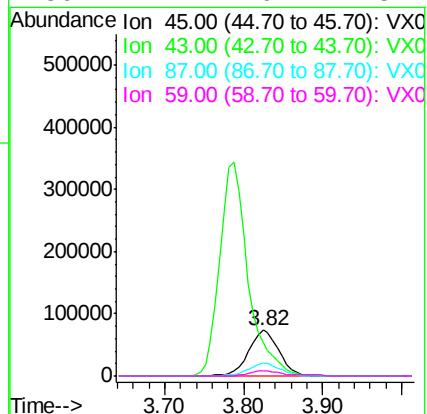
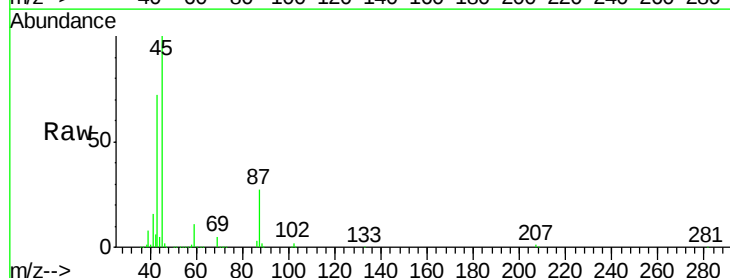
Ion Ratio Lower Upper

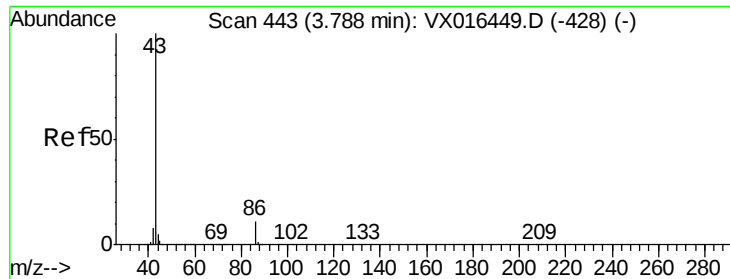
45 100

43 71.7 57.0 85.6

87 27.3 22.5 33.7

59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 97.609 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

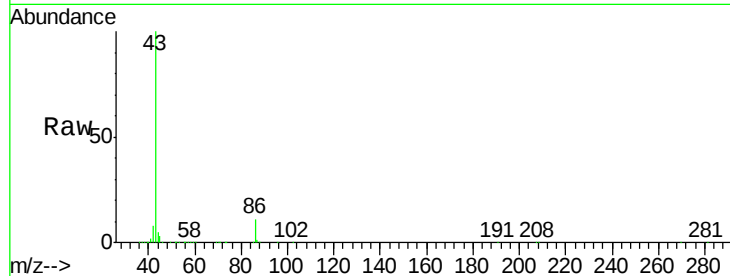
VX0527WBSD01

Tot Ion: 43 Resp: 870042

Ion Ratio Lower Upper

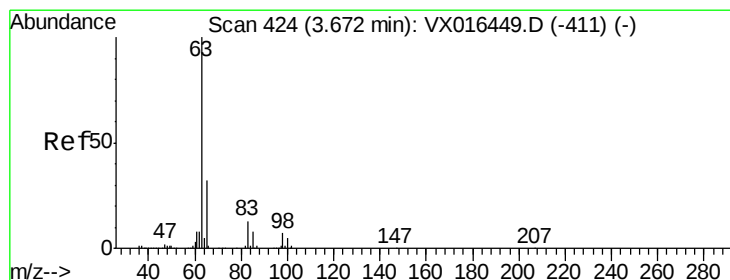
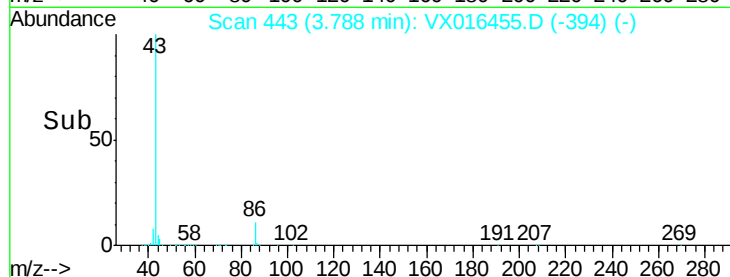
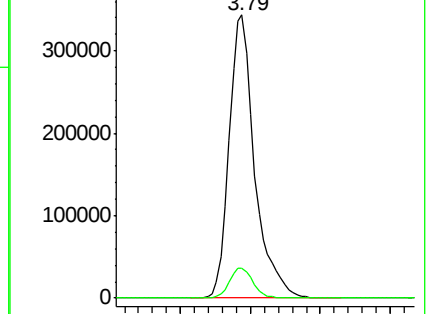
43 100

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: 18.949 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

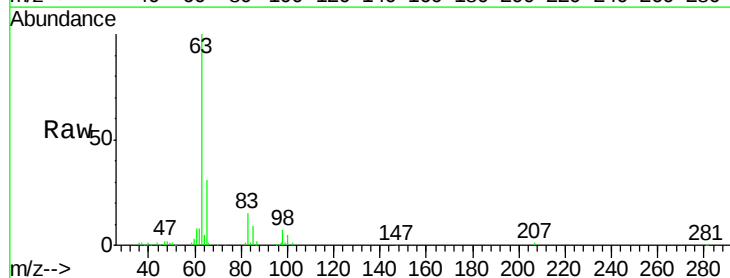
Tgt Ion: 63 Resp: 108912

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

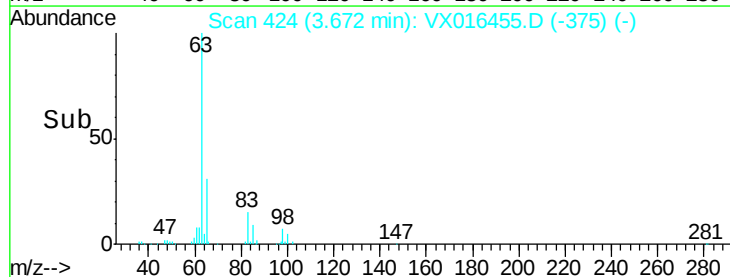
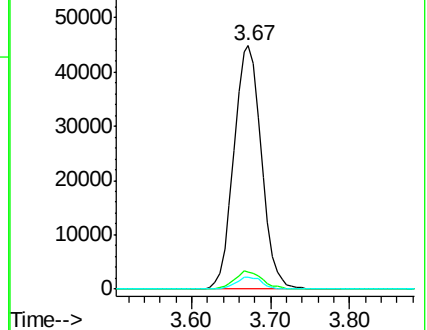
100 5.2 2.4 7.1

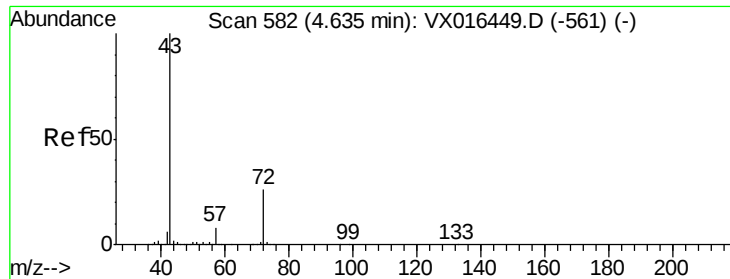


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

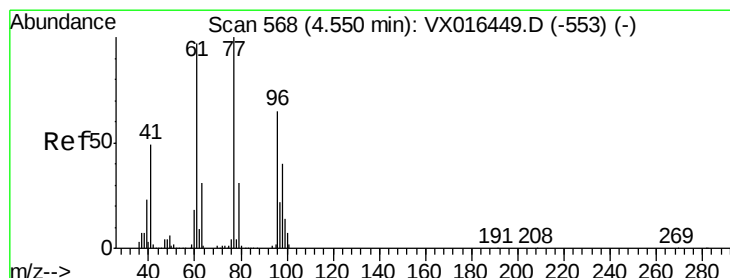
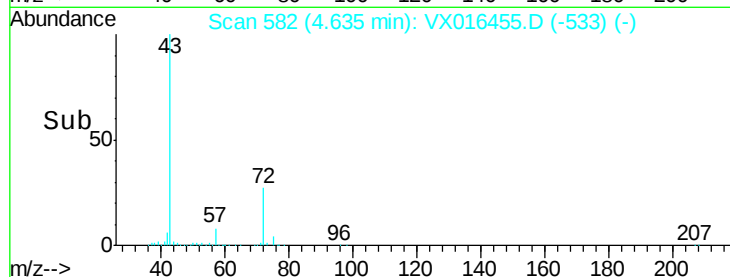
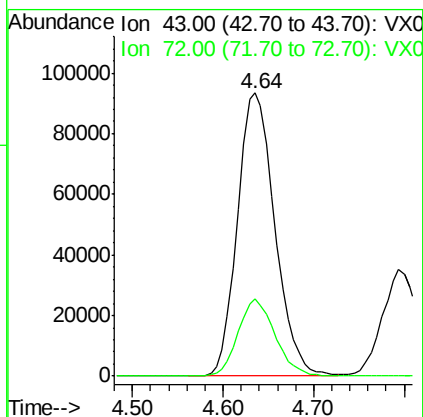
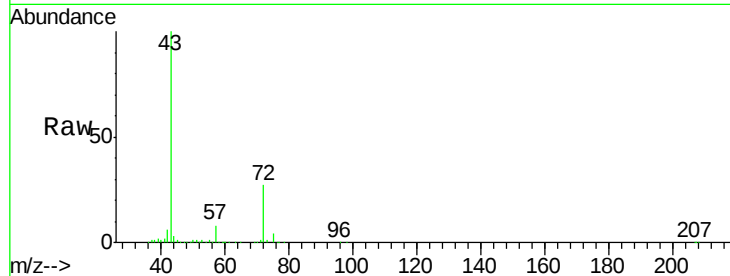




#25
 2-Butanone
 Concen: 96.166 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

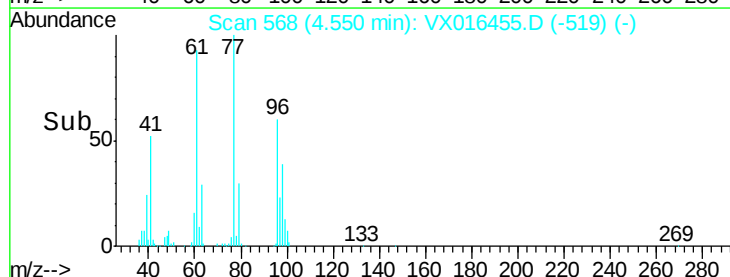
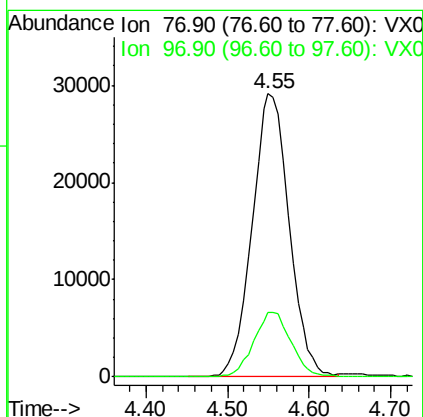
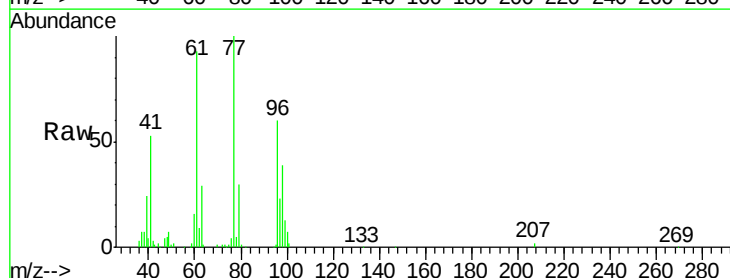
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBSD01

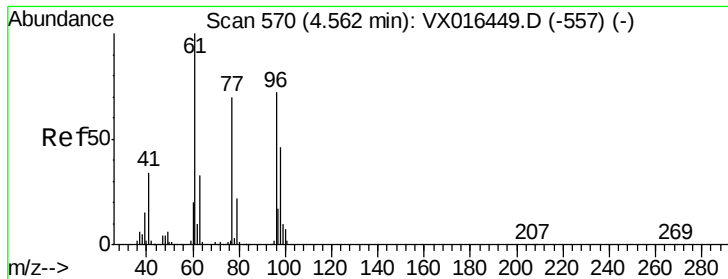
Tot Ion: 43 Resp: 265594
 Ion Ratio Lower Upper
 43 100
 72 27.2 21.0 31.6



#26
 2,2-Dichloropropane
 Concen: 19.598 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Tgt Ion: 77 Resp: 92172
 Ion Ratio Lower Upper
 77 100
 97 22.9 11.5 34.4



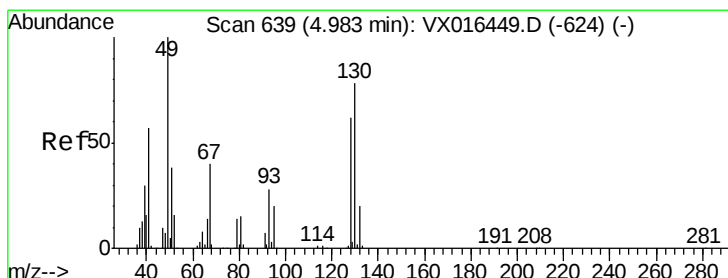
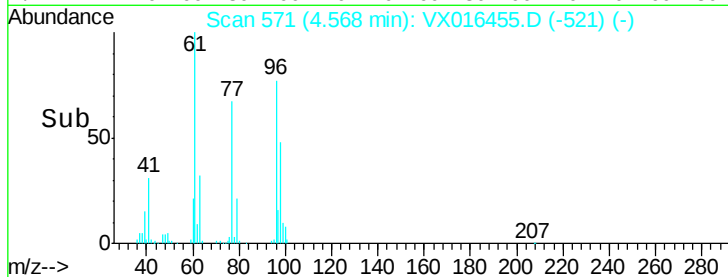
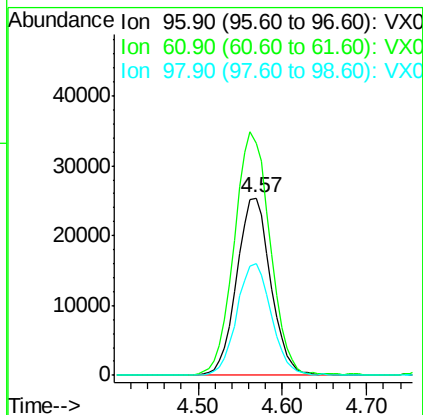
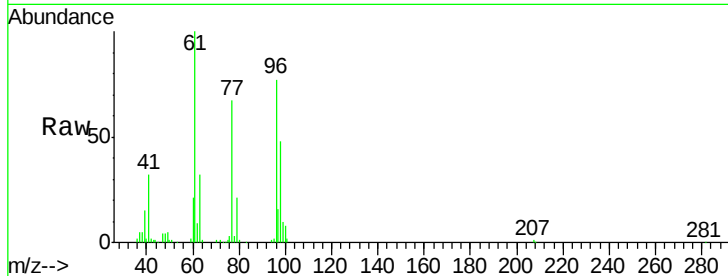


#27

cis-1,2-Dichloroethene
Concen: 18.838 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBSD01

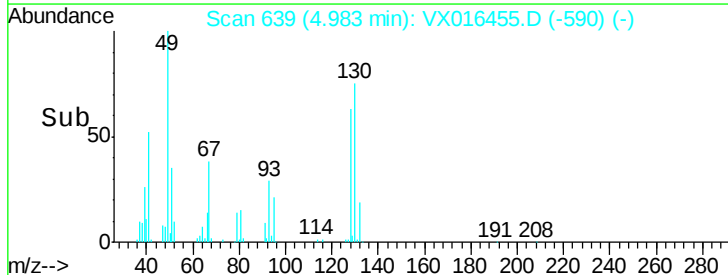
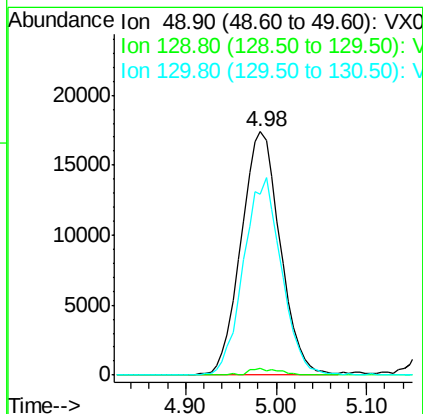
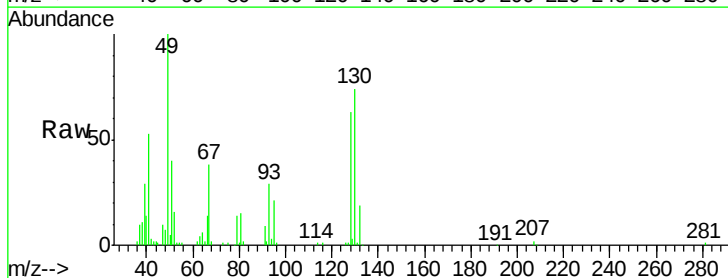
Tot Ion: 96 Resp: 69484
Ion Ratio Lower Upper
96 100
61 145.0 0.0 284.6
98 63.8 0.0 127.2

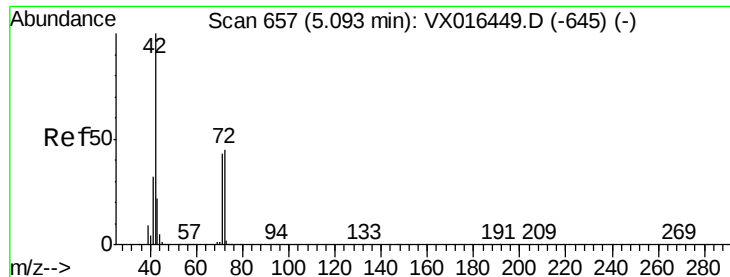


#28

Bromochloromethane
Concen: 19.475 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

Tgt Ion: 49 Resp: 52018
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 78.6 63.0 94.4





#29

Tetrahydrofuran

Concen: 98.053 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

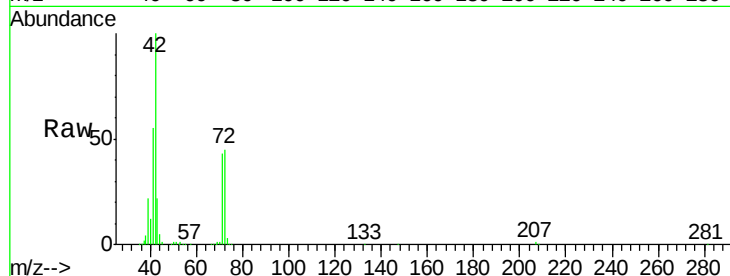
Tot Ion: 42 Resp: 174952

Ion Ratio Lower Upper

42 100

72 46.5 37.0 55.4

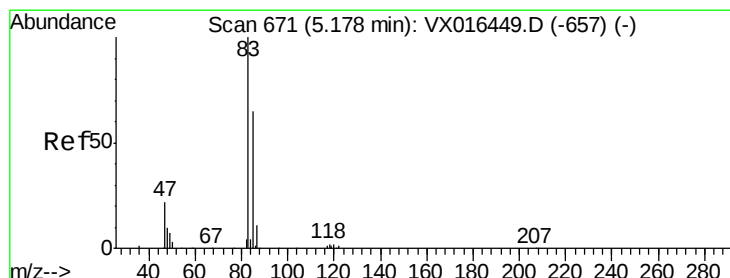
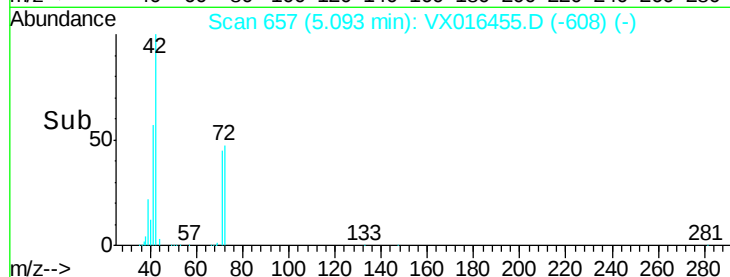
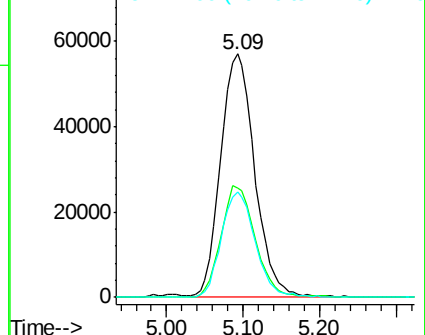
71 43.6 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.156 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016455.D

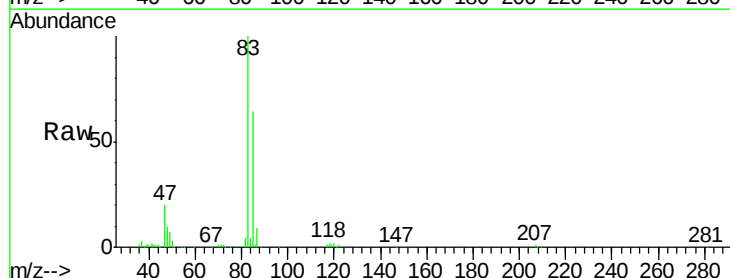
Acq: 27 May 2020 19:07

Tgt Ion: 83 Resp: 110938

Ion Ratio Lower Upper

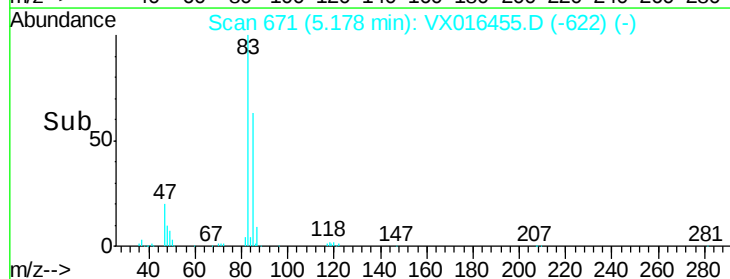
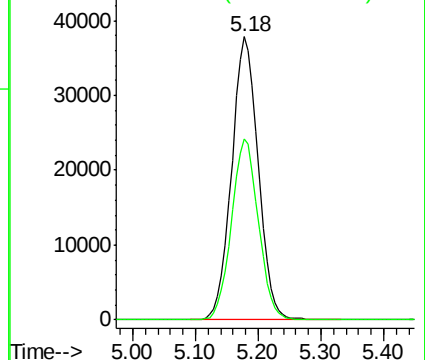
83 100

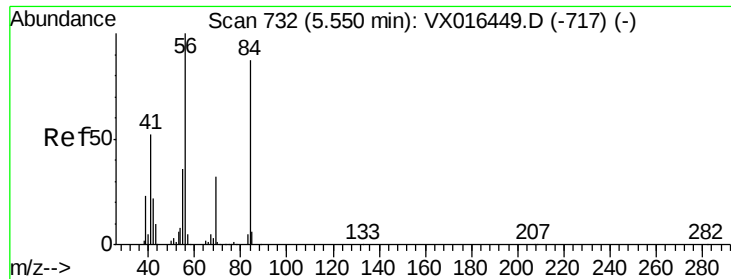
85 63.7 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.948 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

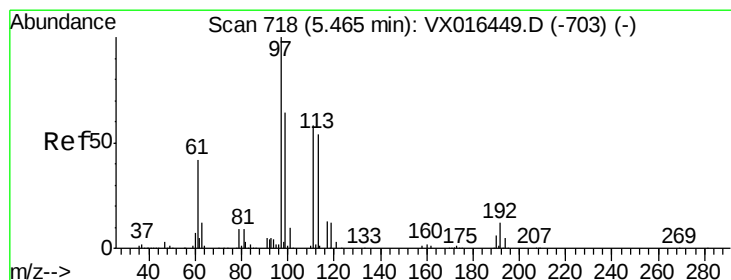
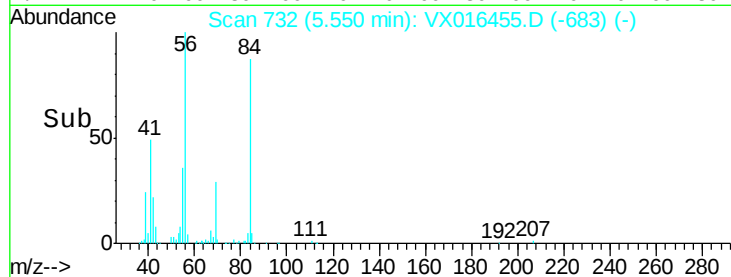
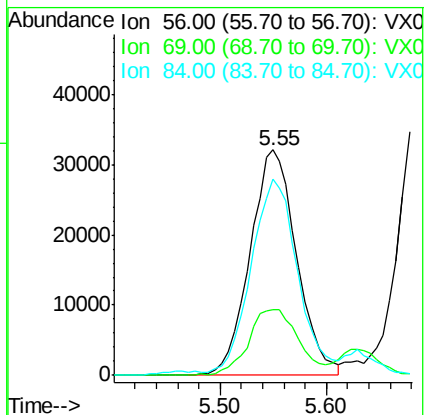
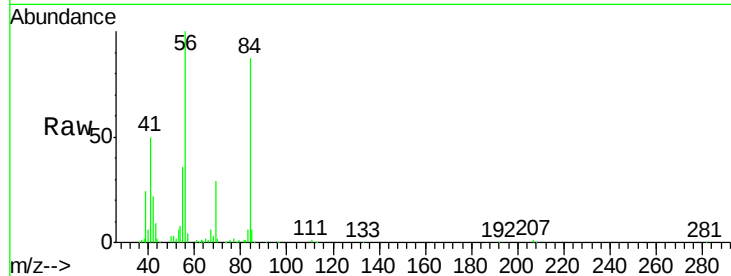
Tot Ion: 56 Resp: 97975

Ion Ratio Lower Upper

56 100

69 29.1 25.7 38.5

84 85.8 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 18.939 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

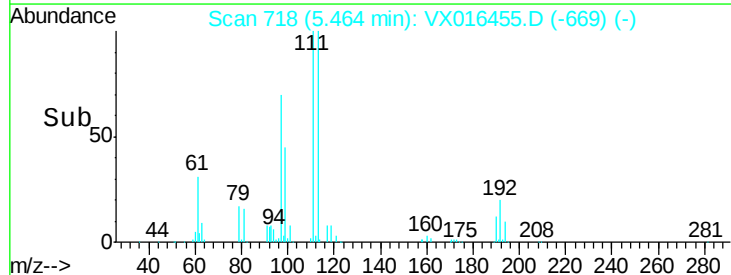
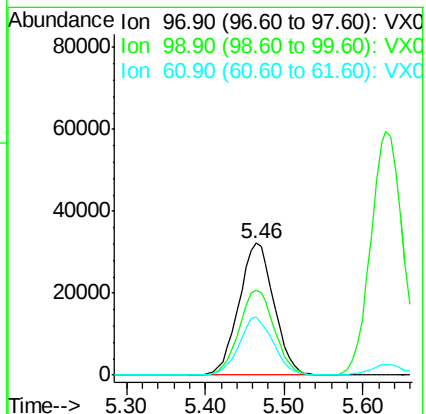
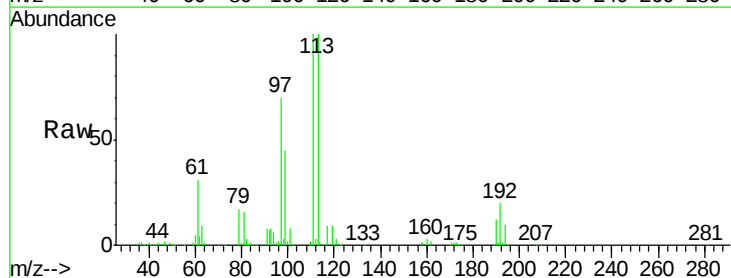
Tgt Ion: 97 Resp: 99301

Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.2

61 42.9 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 46.427 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

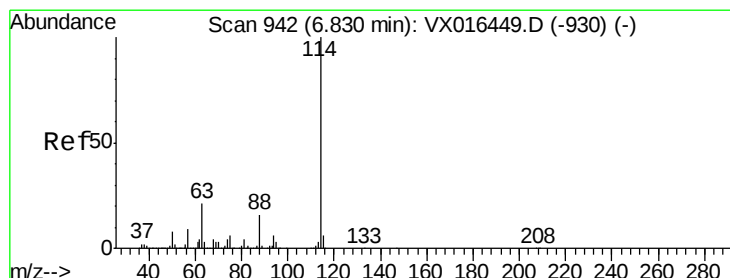
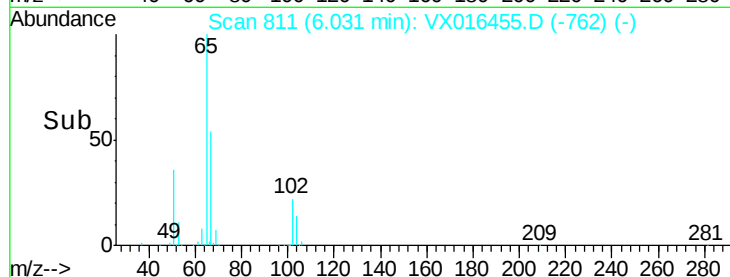
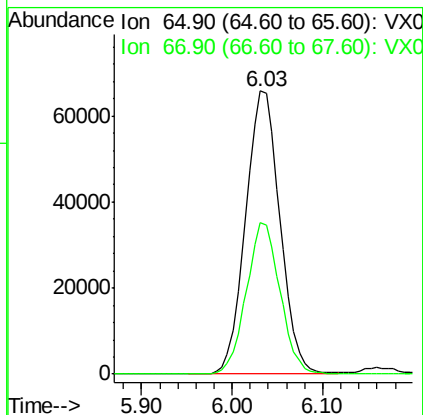
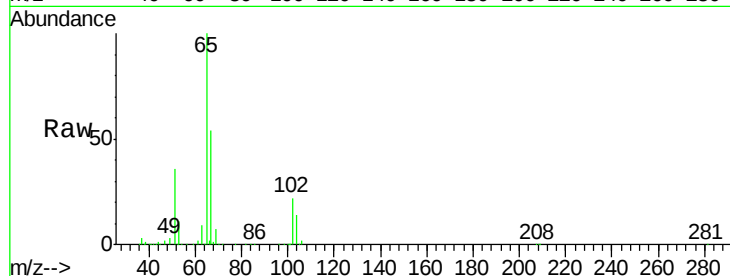
VX0527WBSD01

Tot Ion: 65 Resp: 172720

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

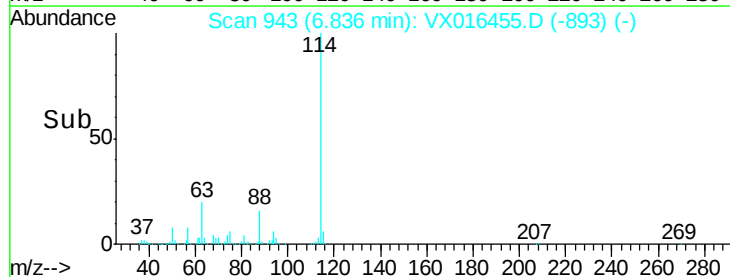
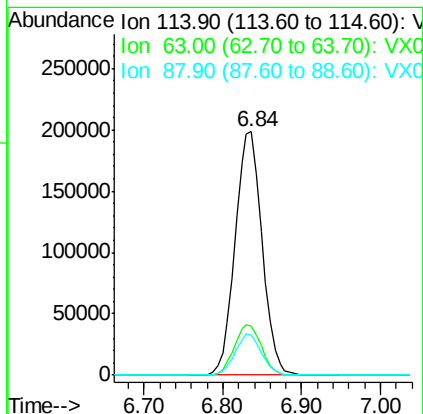
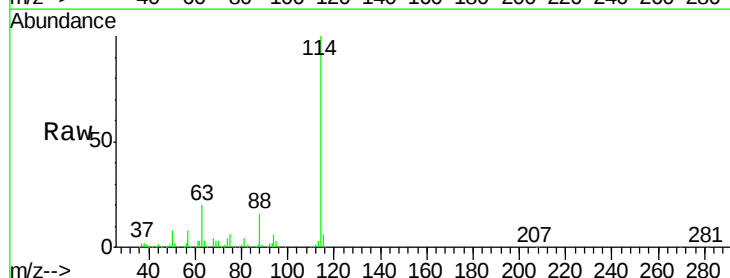
Tgt Ion: 114 Resp: 471788

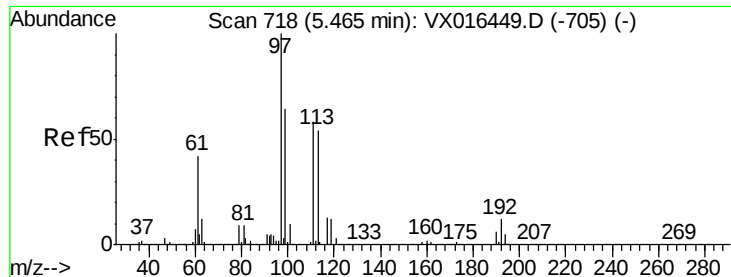
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.108 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

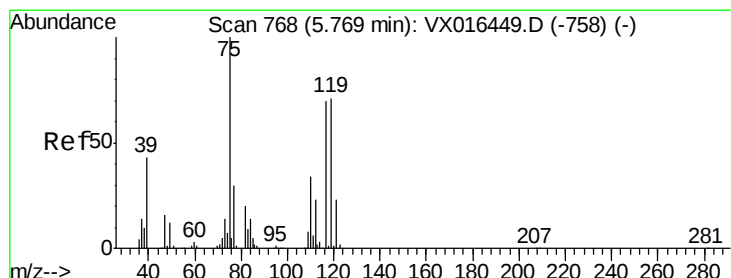
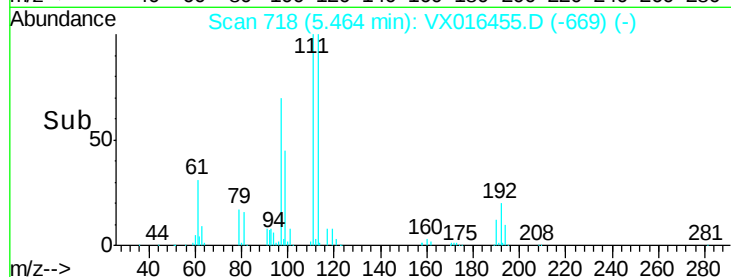
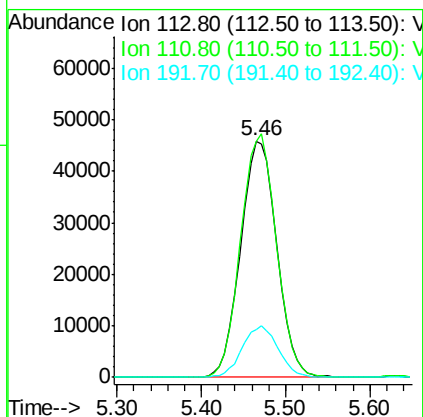
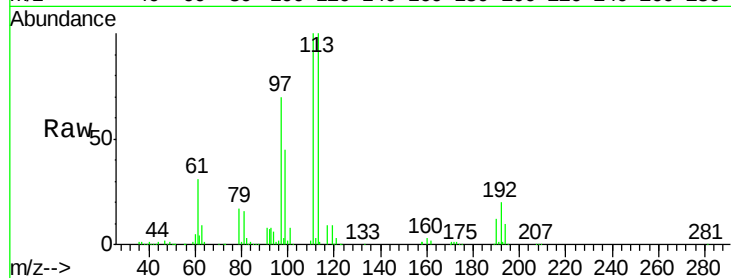
Tot Ion:113 Resp: 133945

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.6

192 21.6 17.7 26.5



#36

1,1-Dichloropropene

Concen: 18.599 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

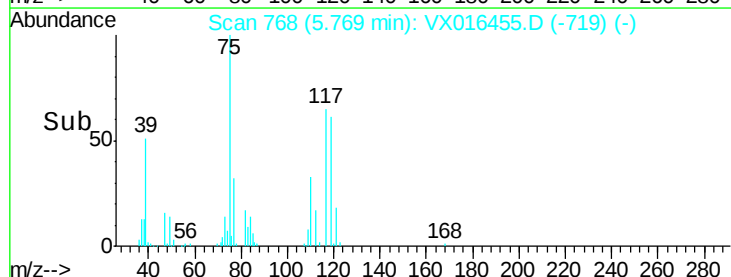
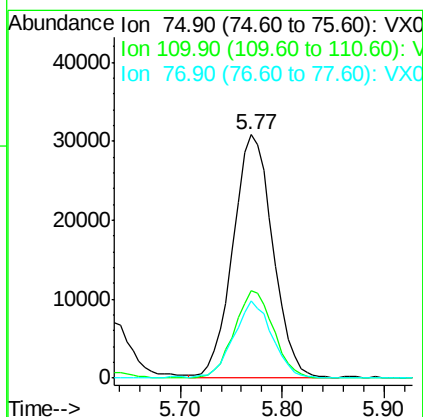
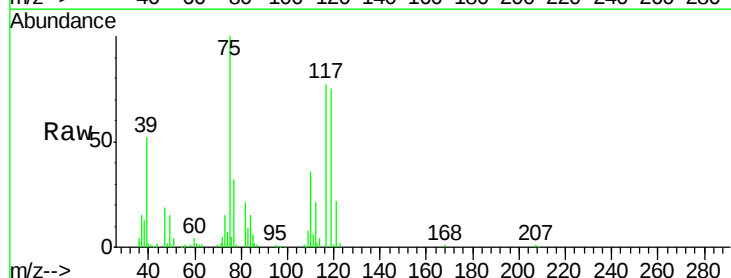
Tgt Ion: 75 Resp: 83080

Ion Ratio Lower Upper

75 100

110 35.5 17.4 52.3

77 31.0 24.2 36.4

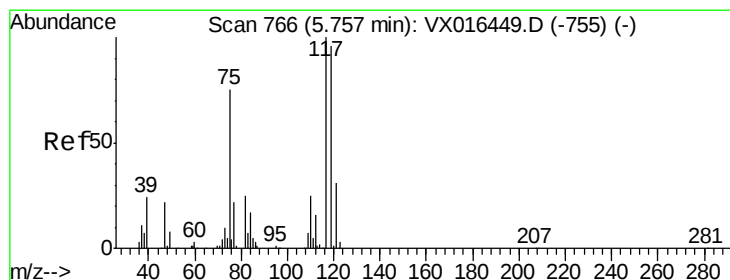
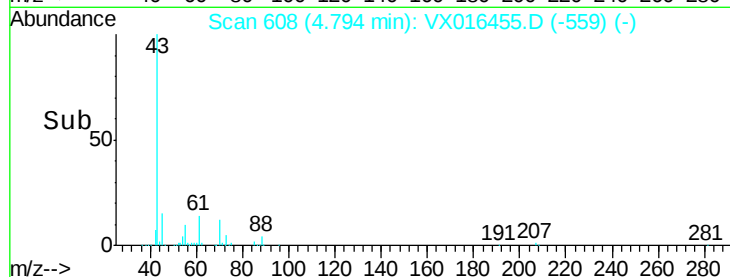
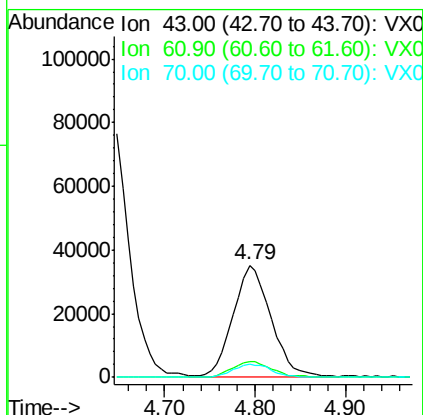
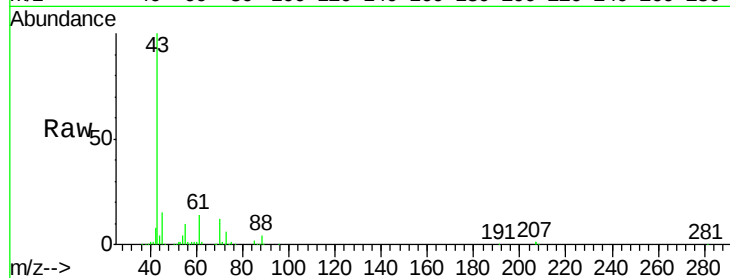




#37
Ethyl Acetate
Concen: 18.722 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

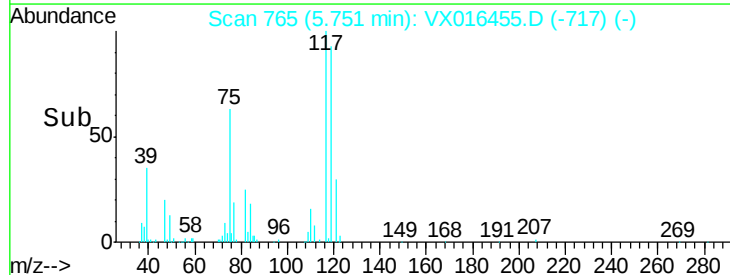
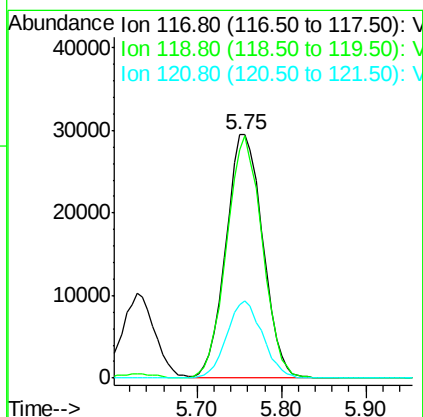
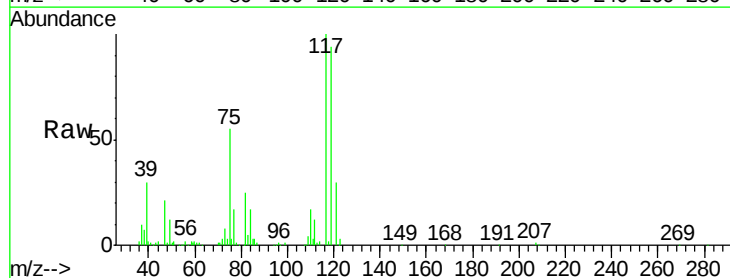
Instrument :
MSVOA_X
ClientSampled :
VX0527WBSD01

Tot Ion	43	Resp	100407
Ion Ratio	Lower	Upper	
43	100		
61	15.1	11.3	16.9
70	12.1	9.3	13.9



#38
Carbon Tetrachloride
Concen: 18.730 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

Tgt Ion	117	Resp	87925
Ion Ratio	Lower	Upper	
117	100		
119	93.6	76.3	114.5
121	30.4	24.6	37.0

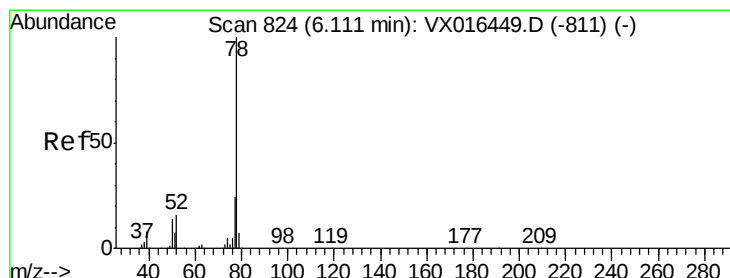
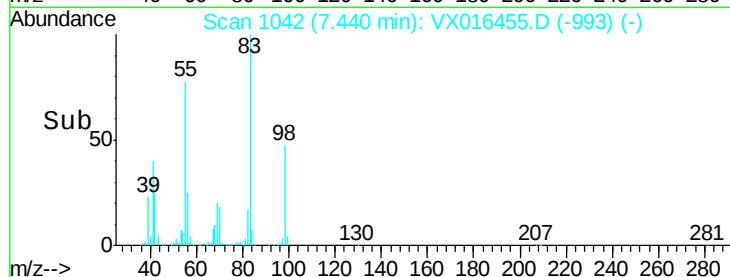
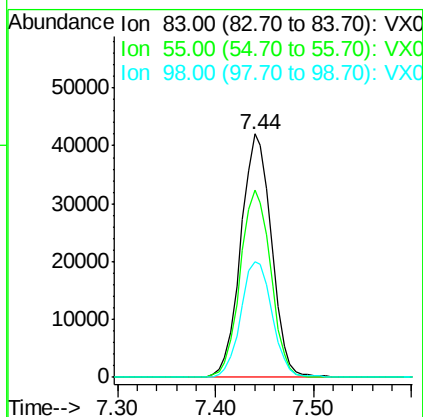
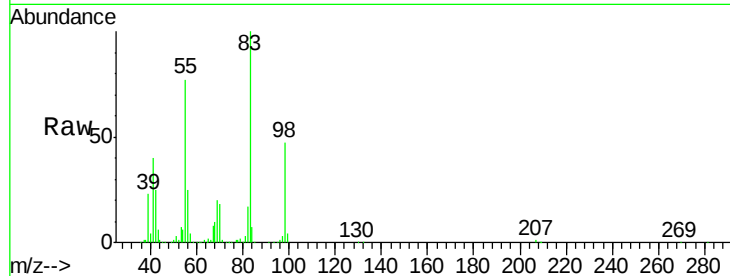




#39
Methvlcvclohexane
Concen: 18.889 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

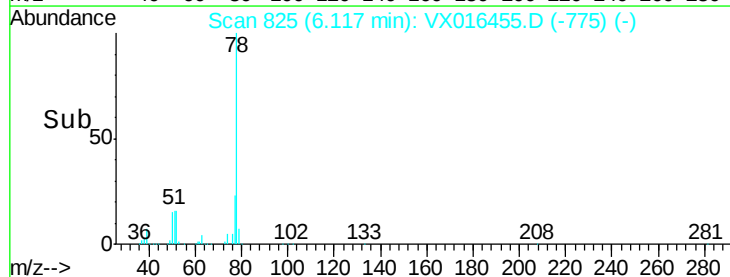
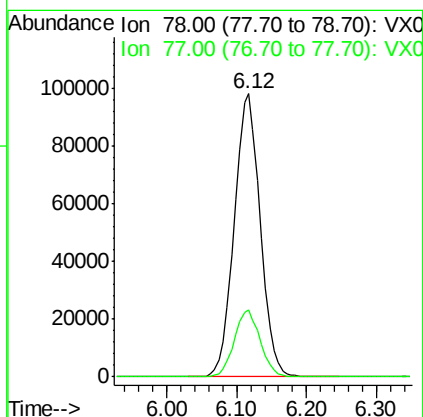
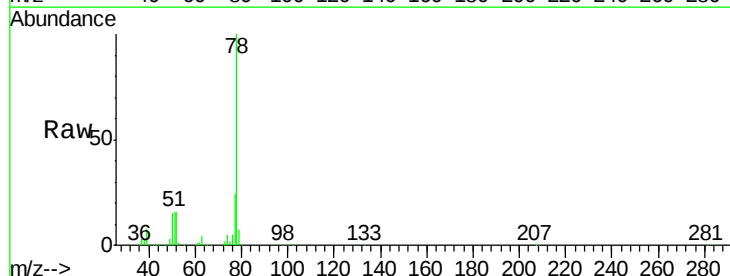
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBSD01

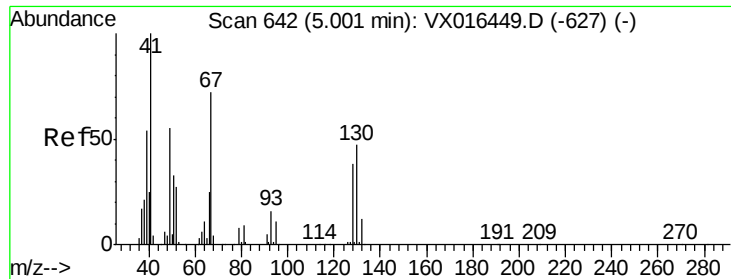
Tot Ion: 83 Resp: 91646
Ion Ratio Lower Upper
83 100
55 76.7 61.7 92.5
98 47.5 38.7 58.1



#40
Benzene
Concen: 18.983 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

Tgt Ion: 78 Resp: 252513
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

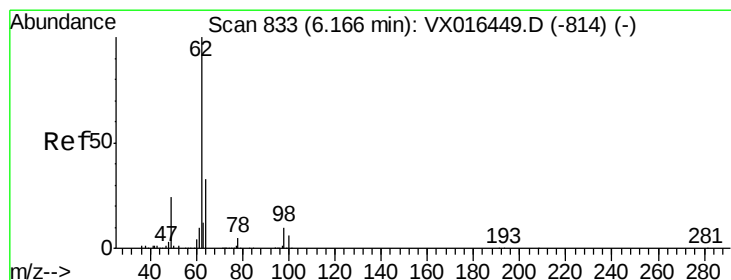
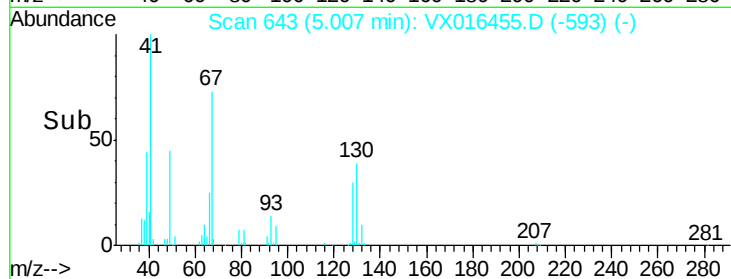
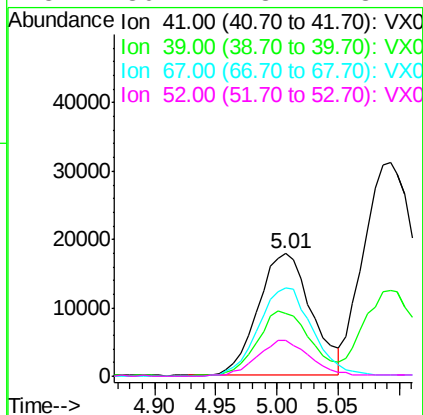
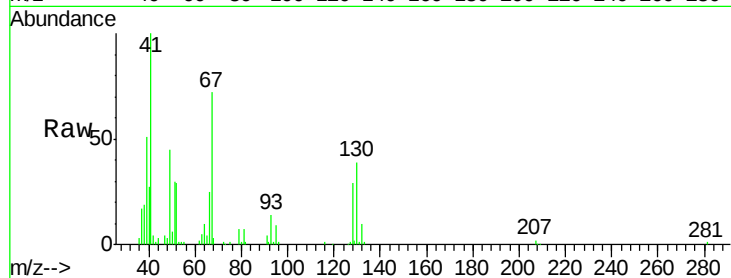




#41
Methacrylonitrile
Concen: 18.440 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

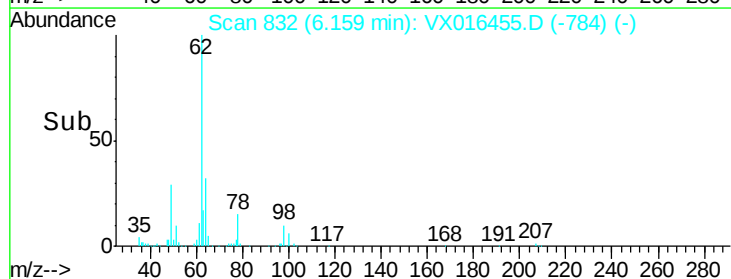
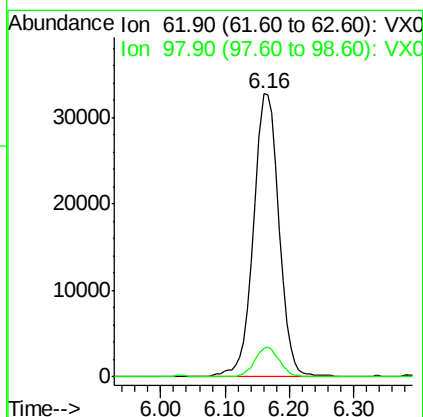
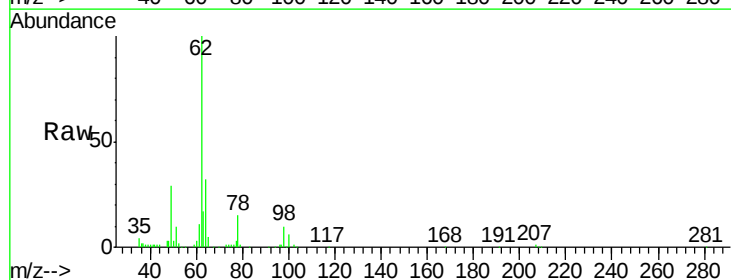
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBSD01

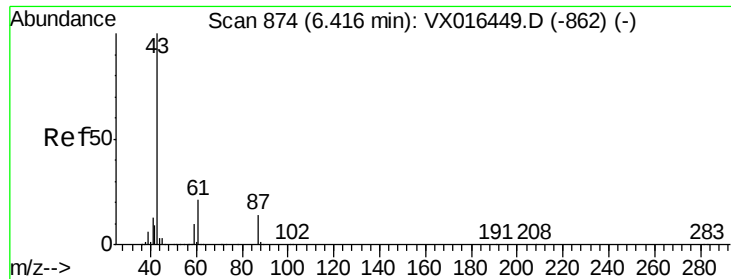
Tot Ion:	41	Resp:	54320
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.0	64.4
67	74.1	58.9	88.3
52	30.4	23.1	34.7



#42
1,2-Dichloroethane
Concen: 18.774 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

Tgt Ion:	62	Resp:	88812
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8



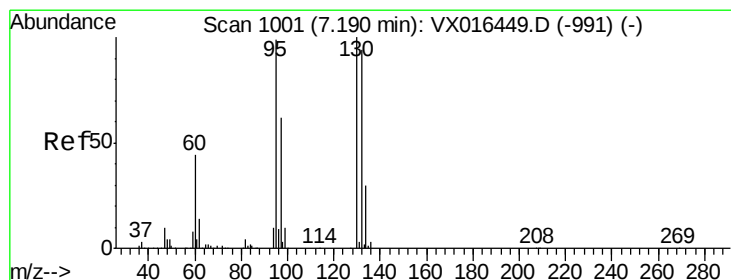
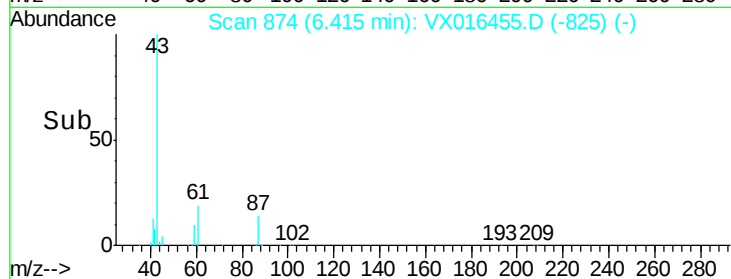
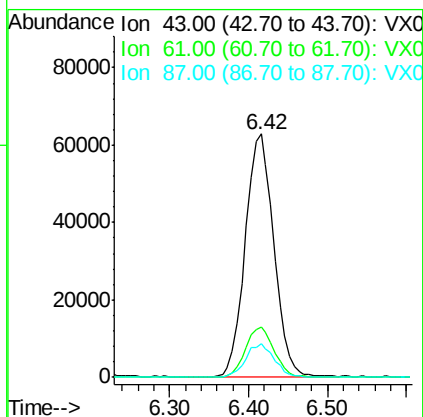
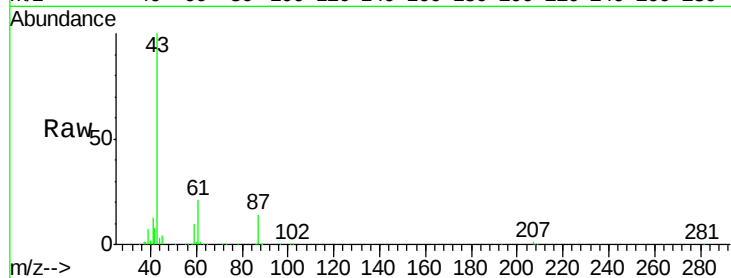


#43

Isopropyl Acetate
 Concen: 18.934 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBSD01

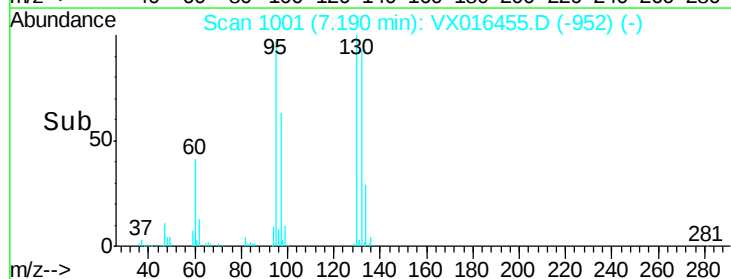
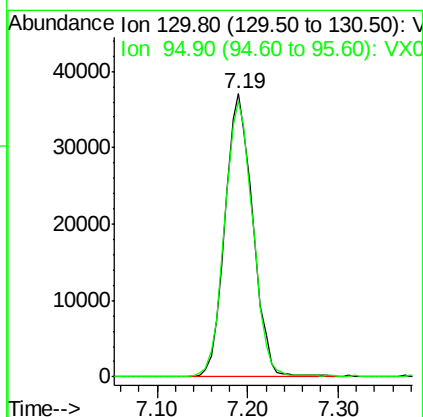
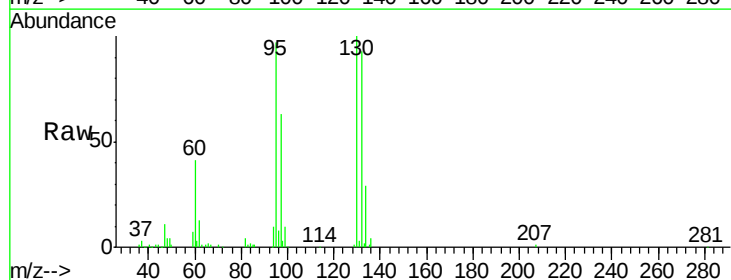
Tot Ion	43	Resp	158390
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.8	25.2
87	13.7	11.2	16.8

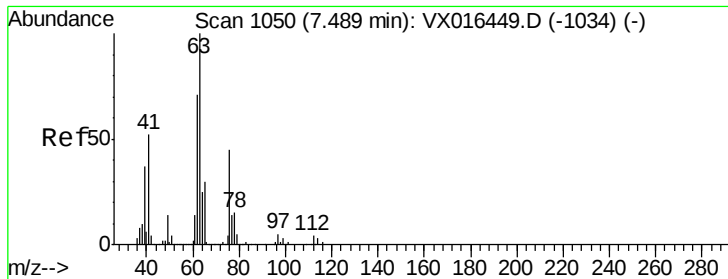


#44

Trichloroethene
 Concen: 18.692 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Tgt Ion	130	Resp	78892
Ion Ratio	Lower	Upper	
130	100		
95	97.3	0.0	198.2





#45

1,2-Dichloropropane

Concen: 19.195 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

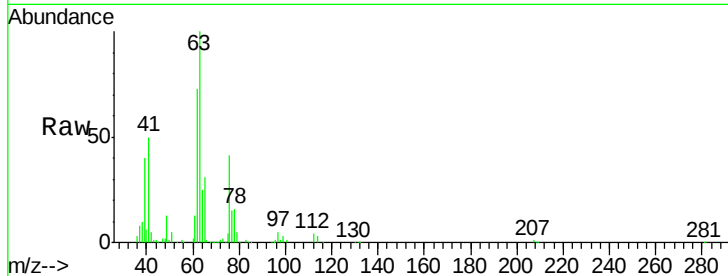
VX0527WBSD01

Tot Ion: 63 Resp: 65003

Ion Ratio Lower Upper

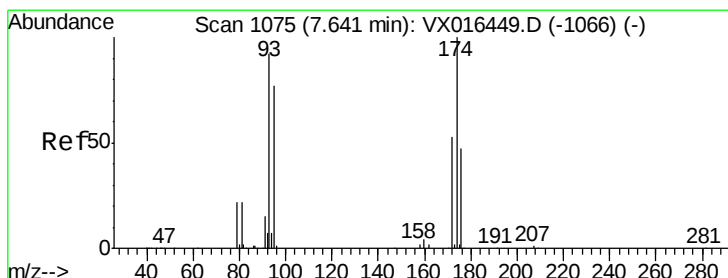
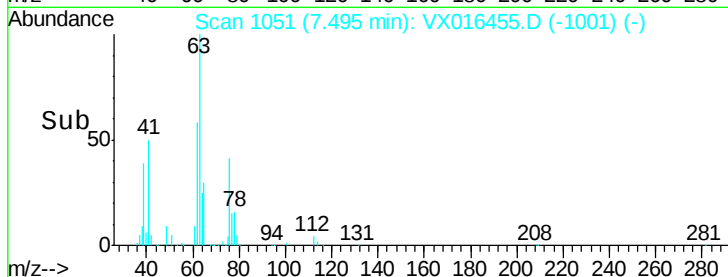
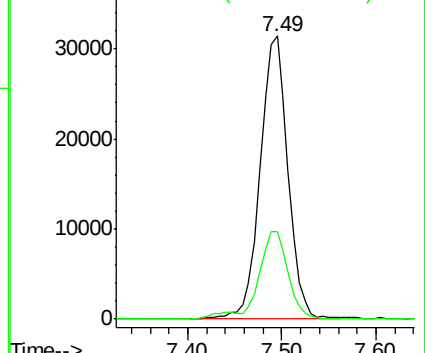
63 100

65 31.0 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: 18.733 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

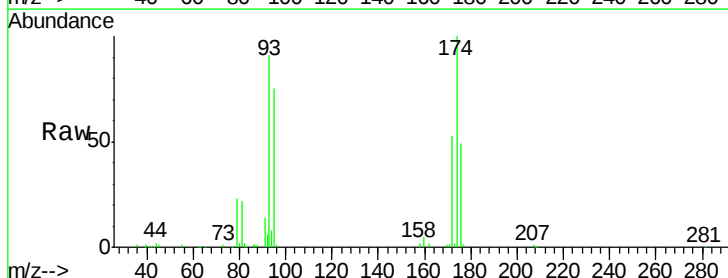
Tgt Ion: 93 Resp: 42610

Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

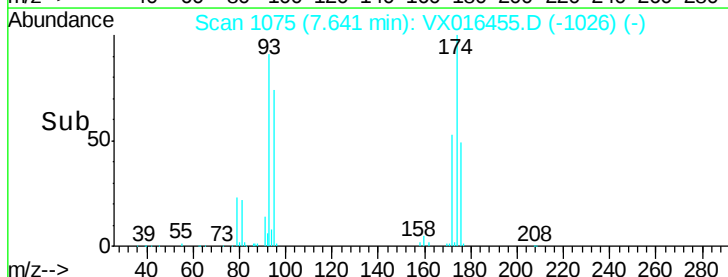
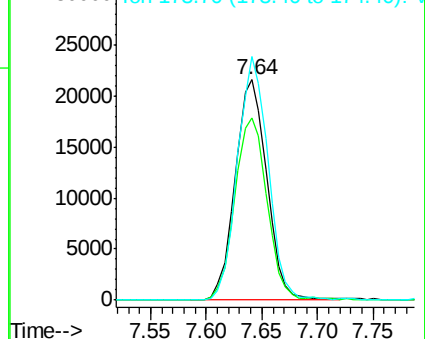
174 107.1 86.2 129.4

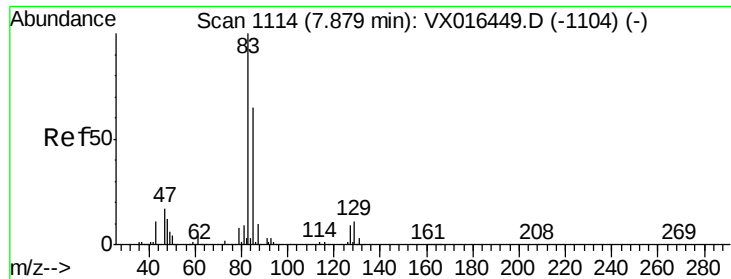


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.844 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

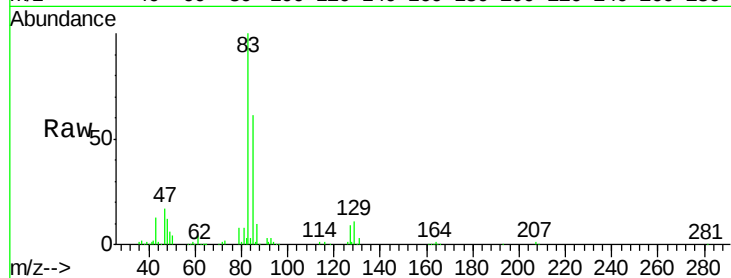
Tot Ion: 83 Resp: 88748

Ion Ratio Lower Upper

83 100

85 61.0 52.0 78.0

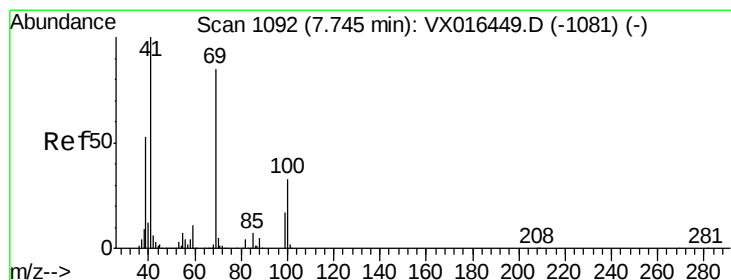
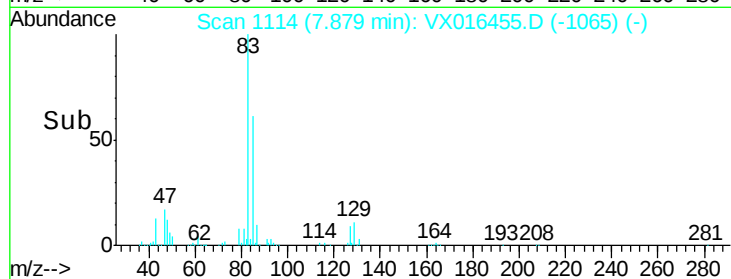
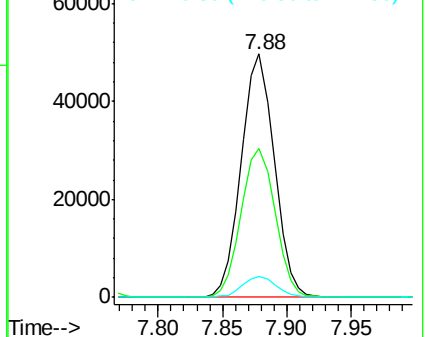
127 8.7 7.4 11.0



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: 18.773 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

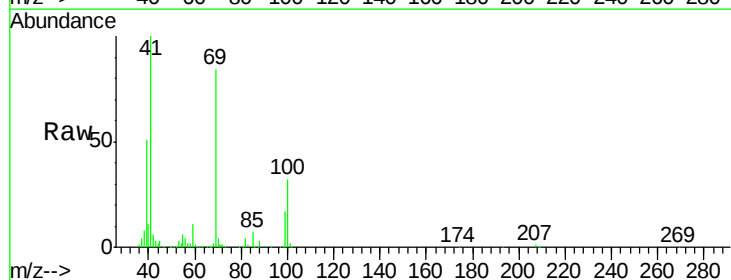
Tgt Ion: 41 Resp: 75190

Ion Ratio Lower Upper

41 100

69 86.3 68.6 102.8

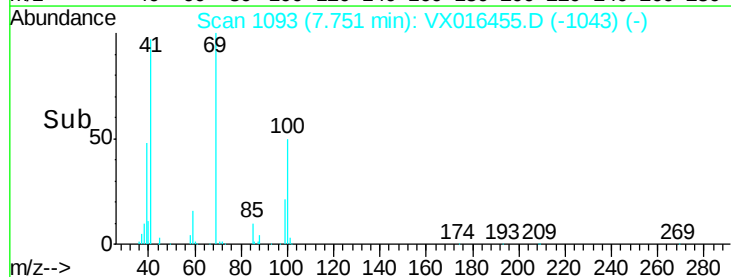
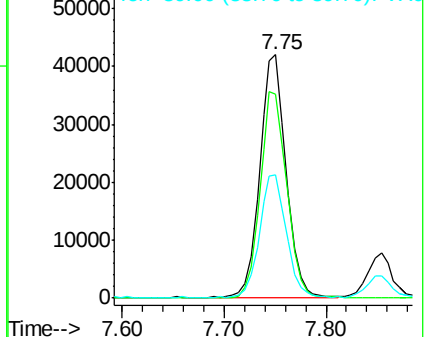
39 52.2 42.4 63.6

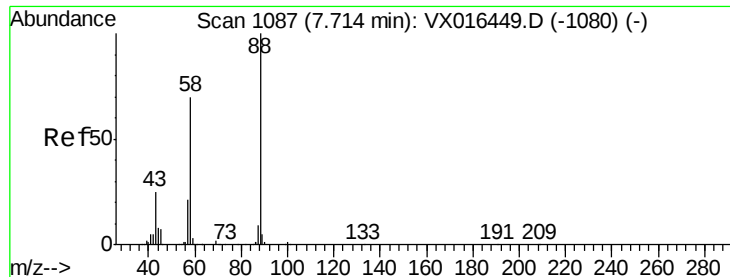


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

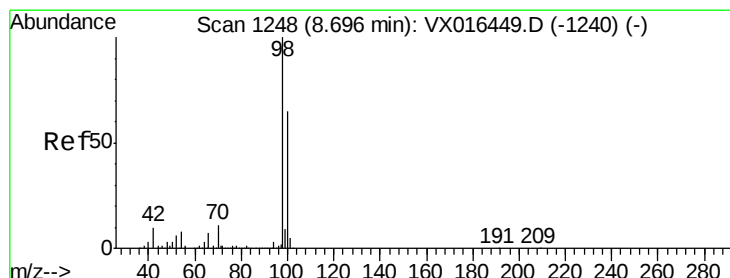
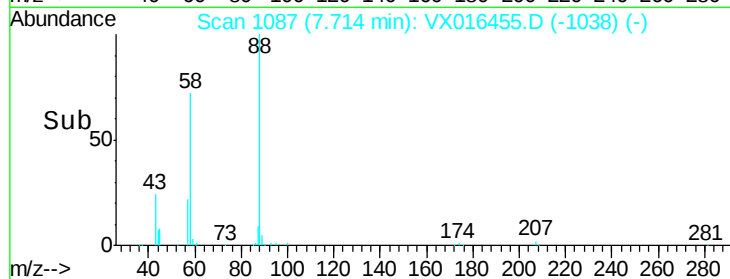
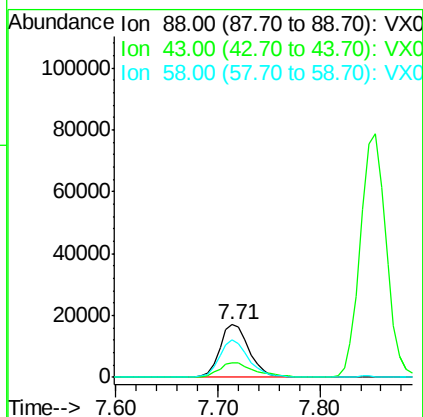
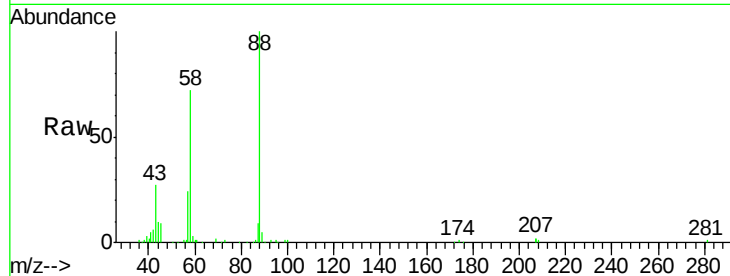




#49
 1,4-Dioxane
 Concen: 362.709 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

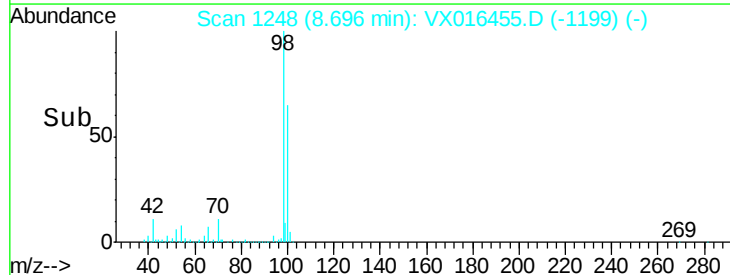
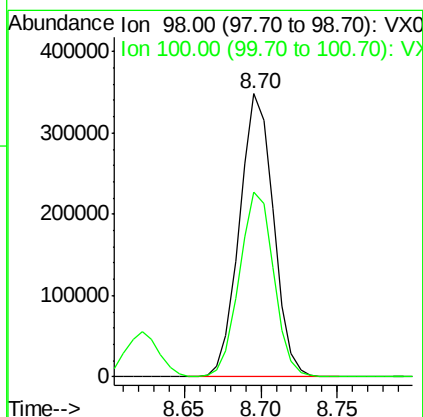
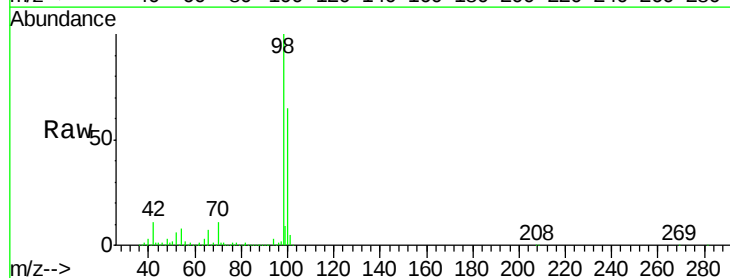
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBSD01

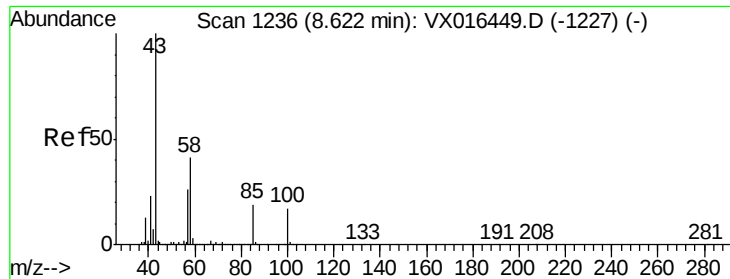
Tot Ion	88	Resp	33998
Ion	Ratio	Lower	Upper
88	100		
43	31.6	24.2	36.4
58	71.6	56.5	84.7



#50
 Toluene-d8
 Concen: 47.547 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Tgt Ion	98	Resp	537606
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 97.386 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

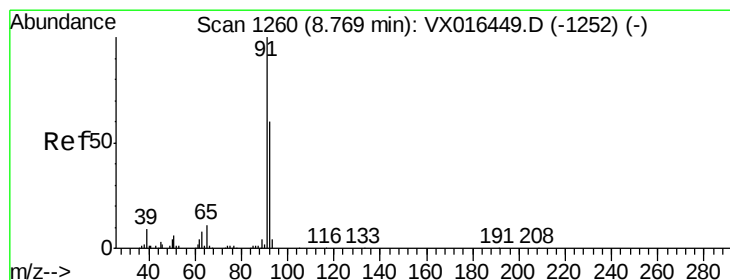
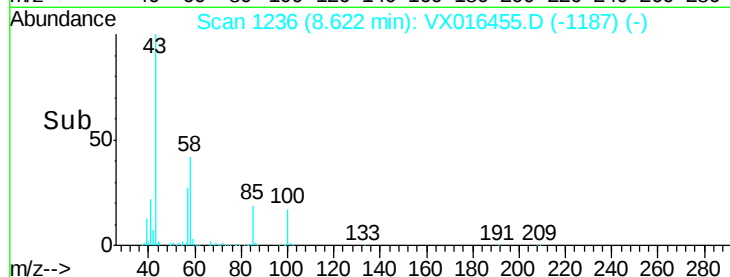
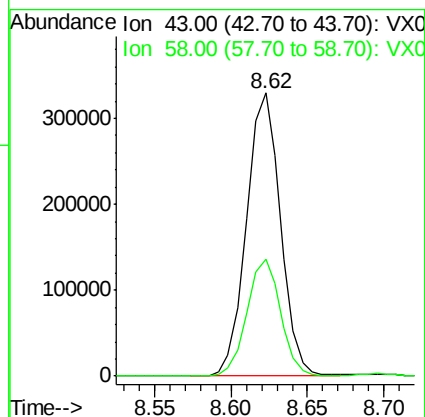
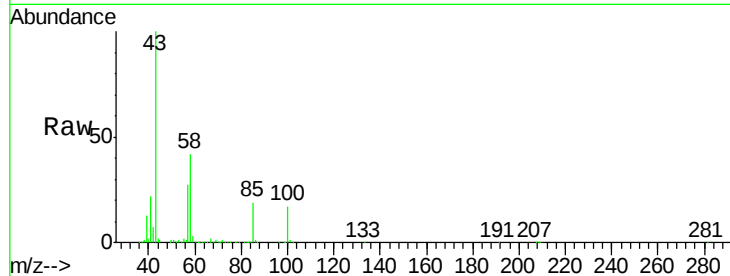
VX0527WBSD01

Tot Ion: 43 Resp: 507253

Ion Ratio Lower Upper

43 100

58 41.2 33.0 49.6



#52

Toluene

Concen: 19.017 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016455.D

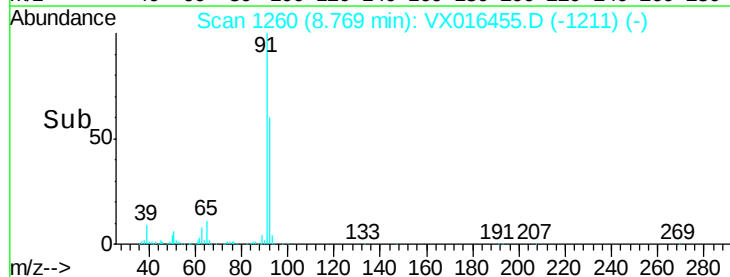
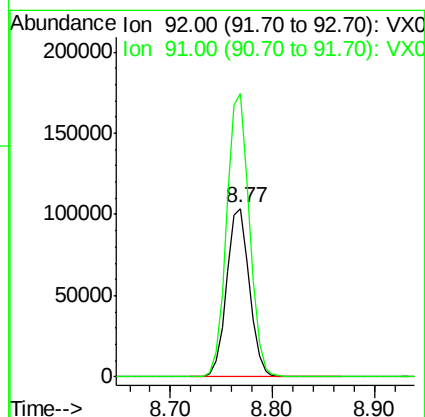
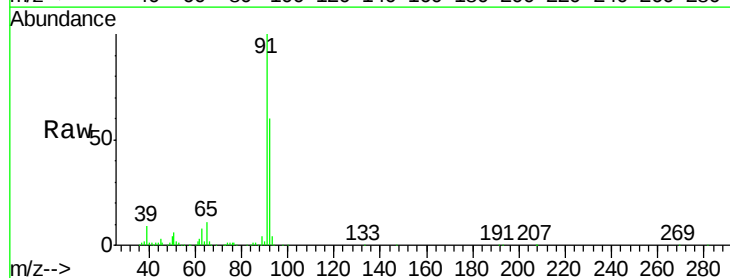
Acq: 27 May 2020 19:07

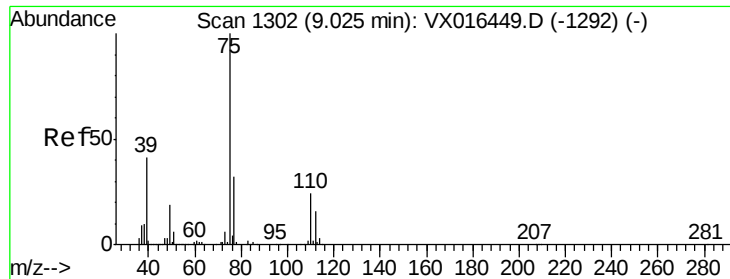
Tgt Ion: 92 Resp: 159521

Ion Ratio Lower Upper

92 100

91 168.1 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 19.179 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

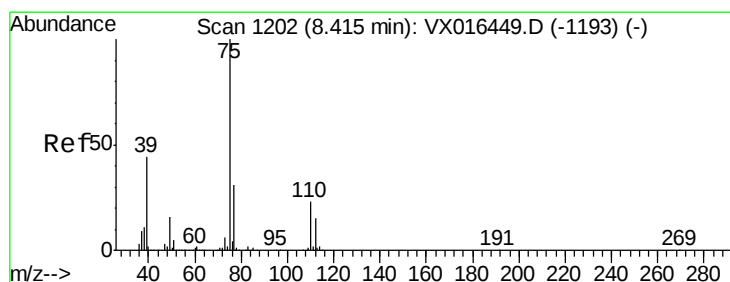
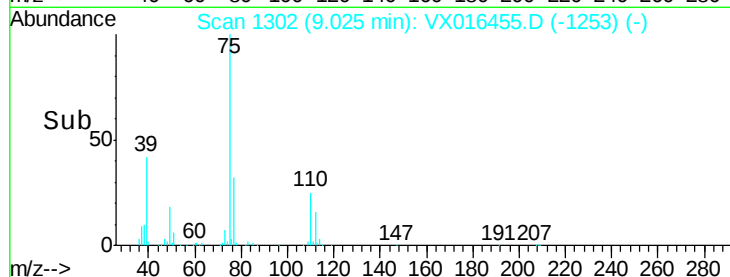
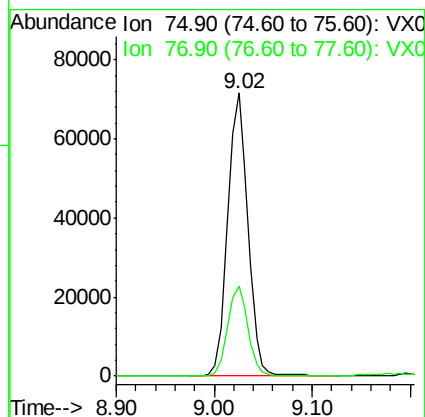
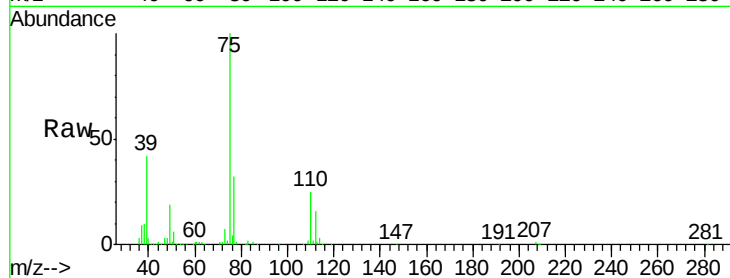
VX0527WBSD01

Tot Ion: 75 Resp: 102713

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.117 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

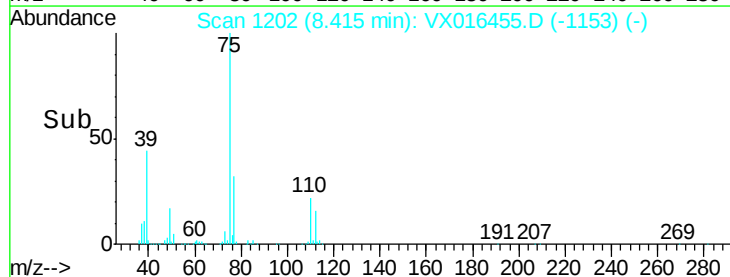
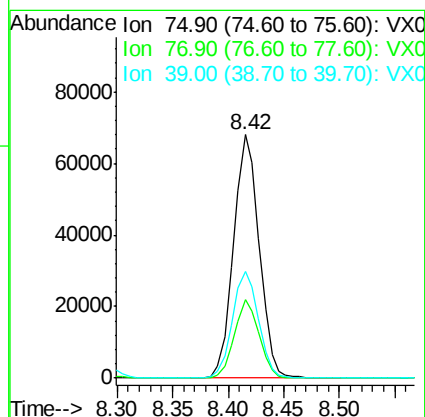
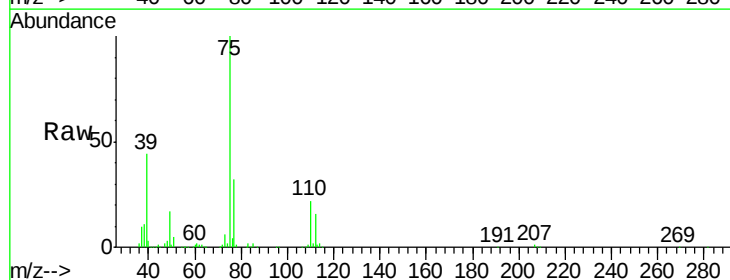
Tgt Ion: 75 Resp: 108368

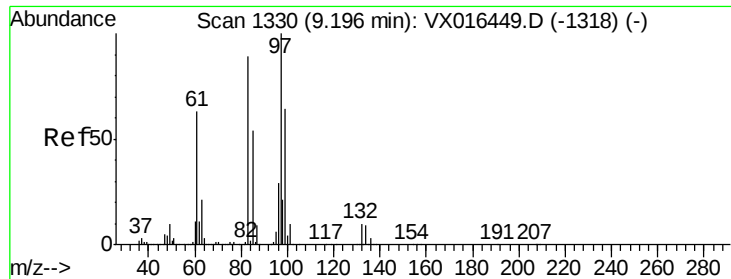
Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

39 43.8 35.3 52.9

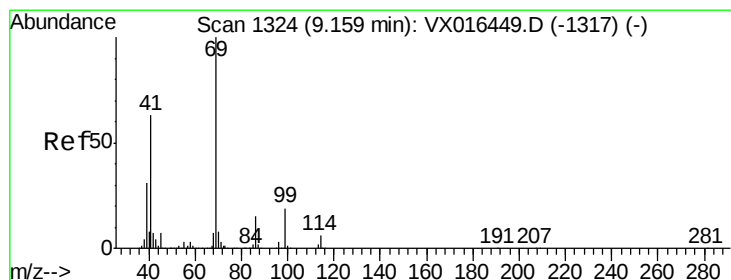
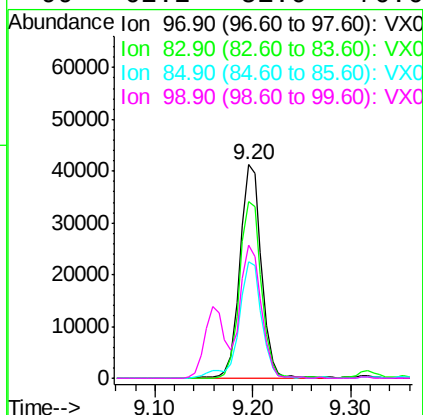
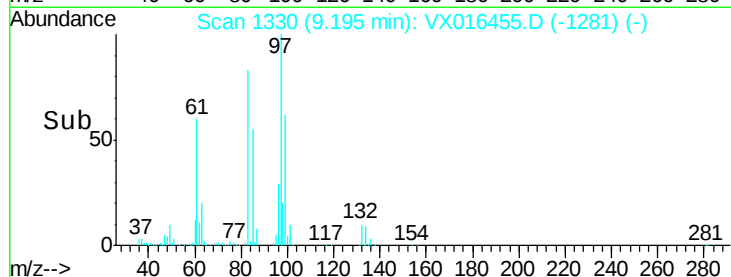
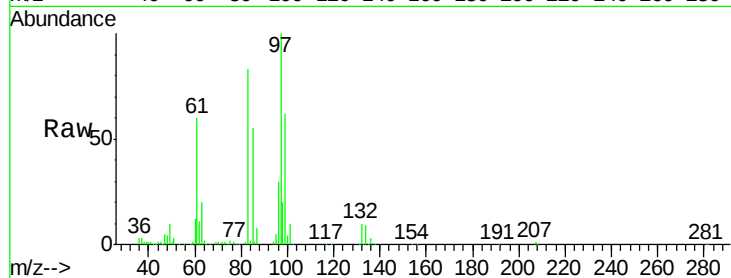




#55
 1,1,2-Trichloroethane
 Concen: 18.915 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

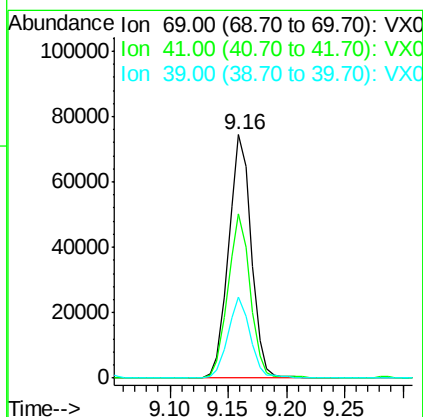
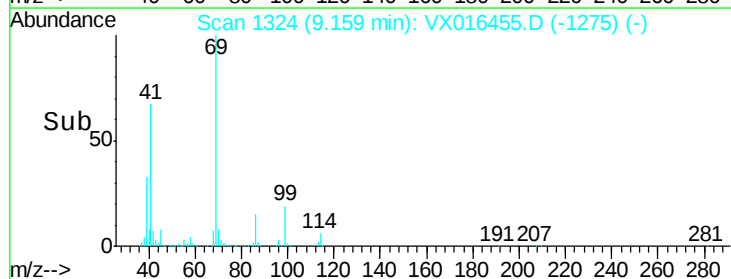
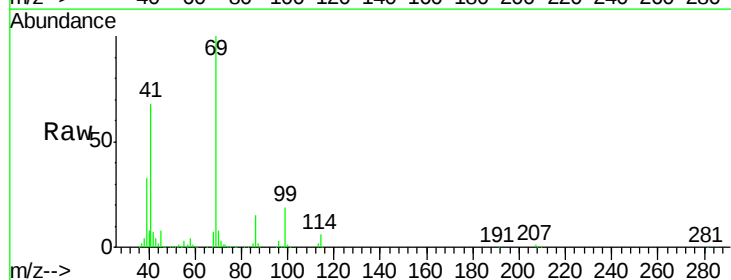
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.7	70.9	106.3
85	54.6	43.4	65.2
99	62.2	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 18.637 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.1	50.7	76.1
39	32.5	25.8	38.6





#57

1,3-Dichloropropane

Concen: 18.998 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

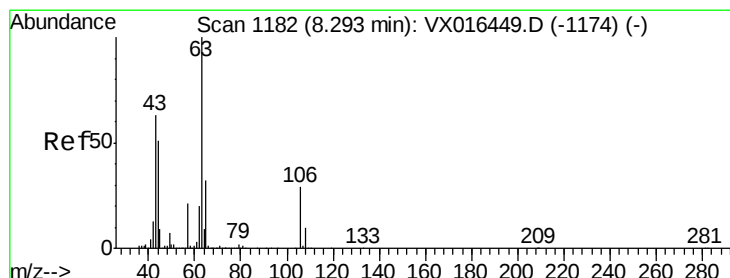
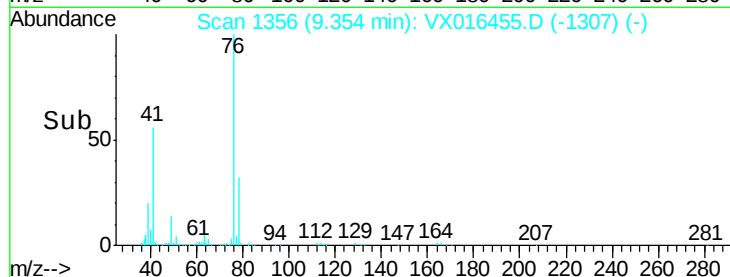
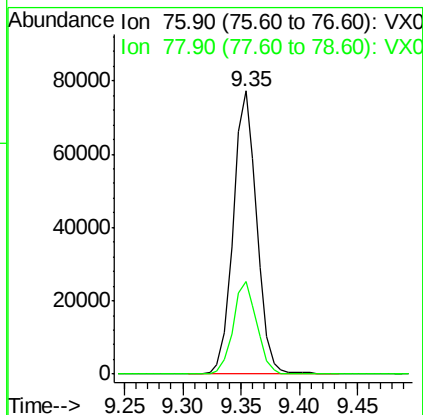
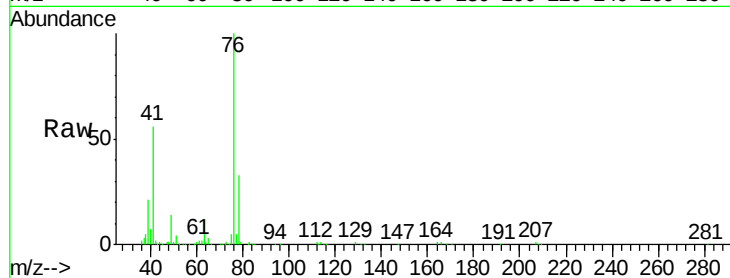
VX0527WBSD01

Tot Ion: 76 Resp: 108761

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 92.247 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016455.D

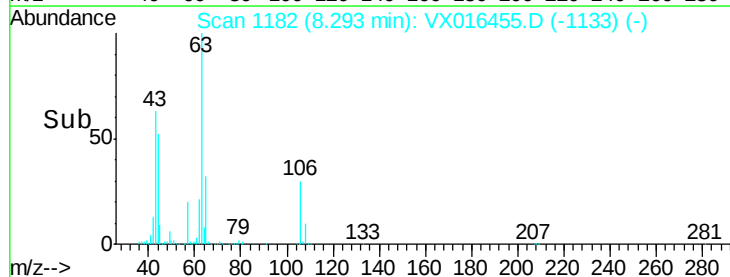
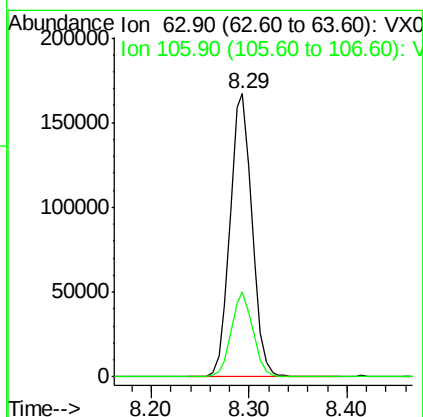
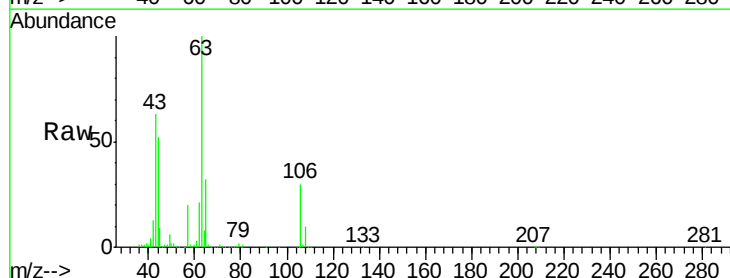
Acq: 27 May 2020 19:07

Tgt Ion: 63 Resp: 261539

Ion Ratio Lower Upper

63 100

106 29.3 23.2 34.8

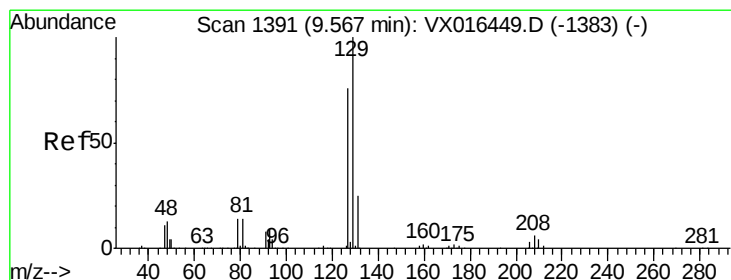
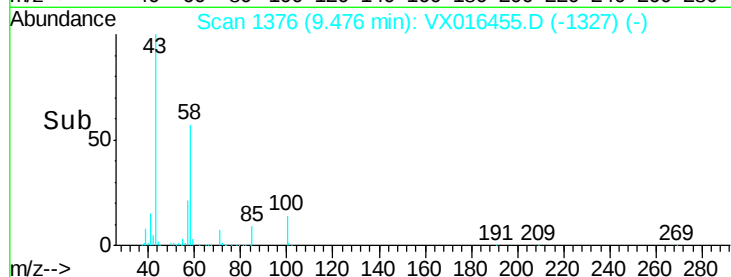
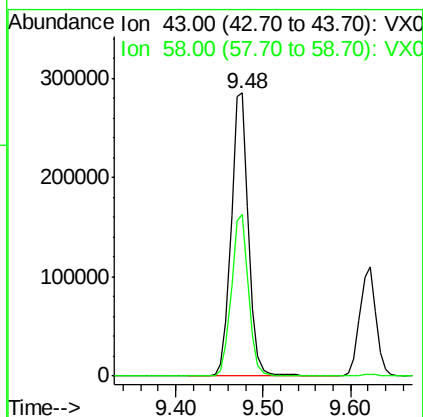
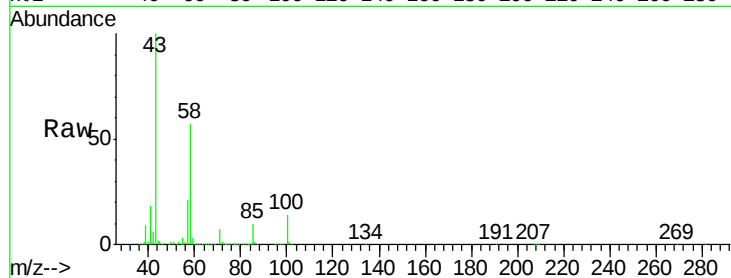




#59
2-Hexanone
Concen: 97.023 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

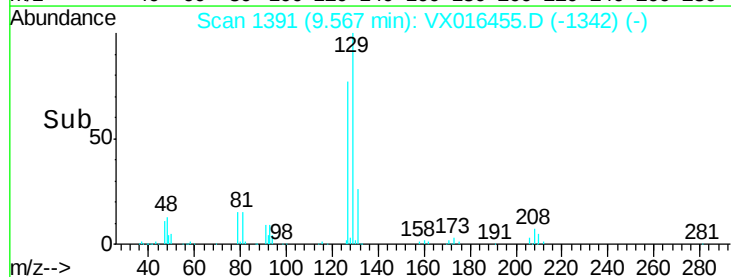
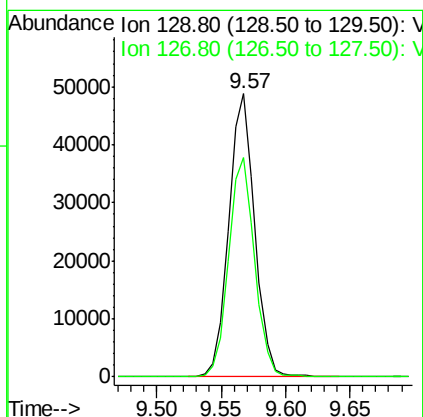
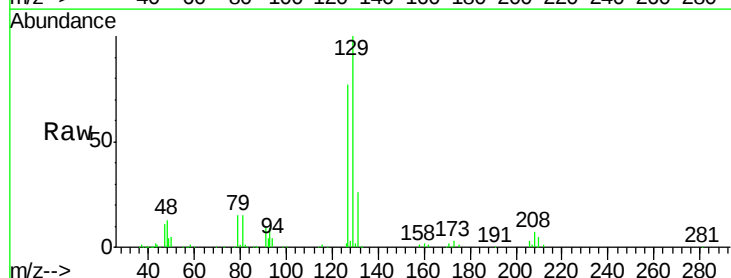
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBSD01

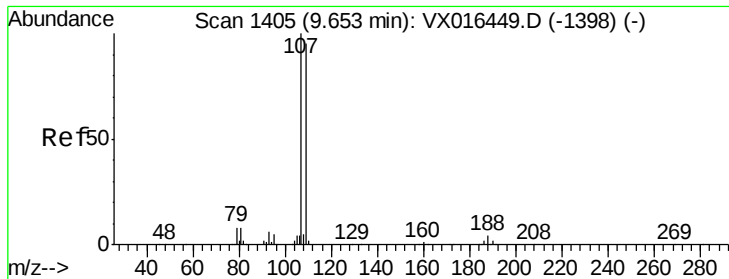
Tot Ion: 43 Resp: 392999
Ion Ratio Lower Upper
43 100
58 57.1 28.8 86.4



#60
Dibromochloromethane
Concen: 18.327 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

Tgt Ion: 129 Resp: 68787
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0

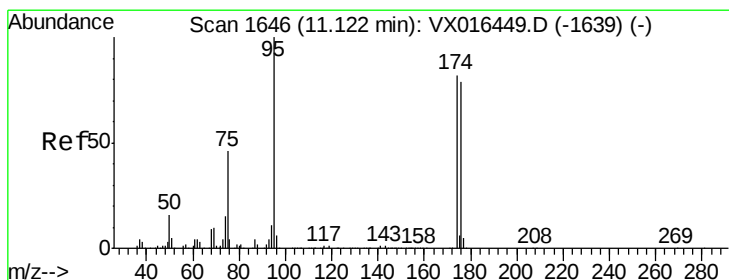
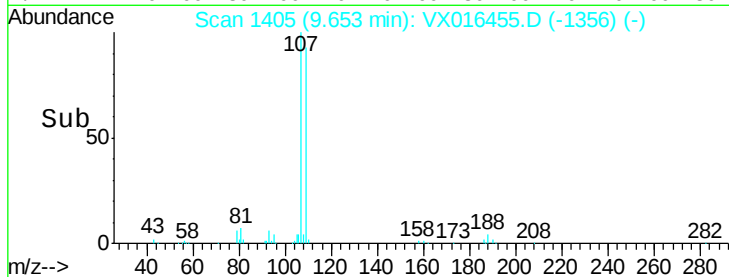
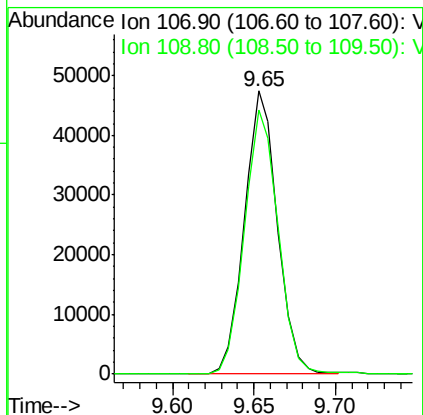
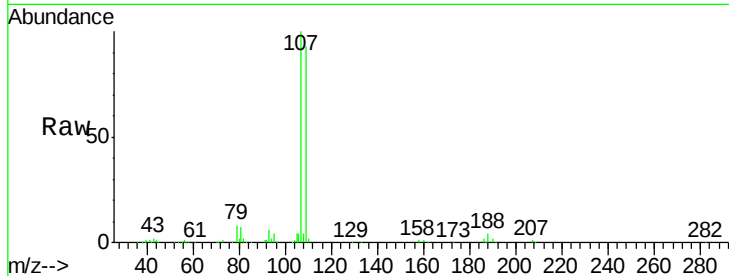




#61
 1,2-Dibromoethane
 Concen: 18.670 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

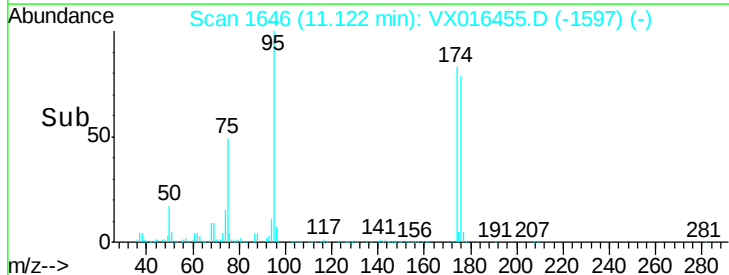
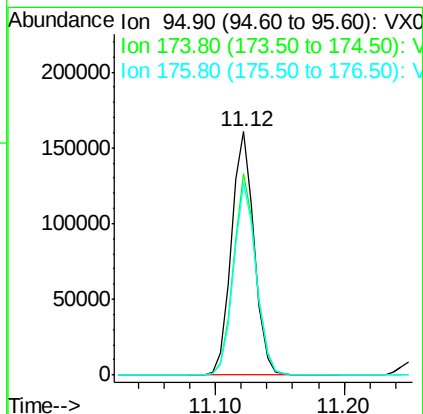
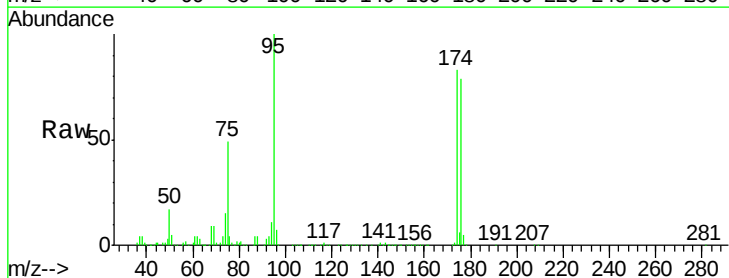
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBSD01

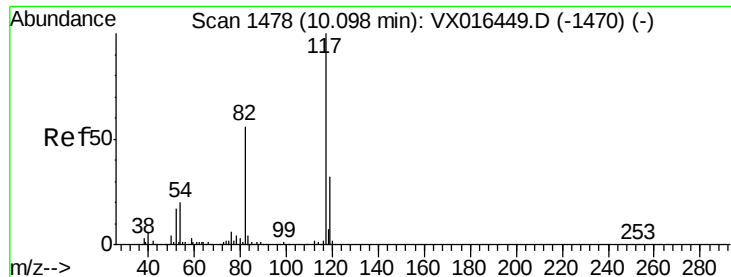
Tot Ion:107 Resp: 66679
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 45.414 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Tgt Ion: 95 Resp: 198414
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 163.0
 176 78.1 0.0 156.8

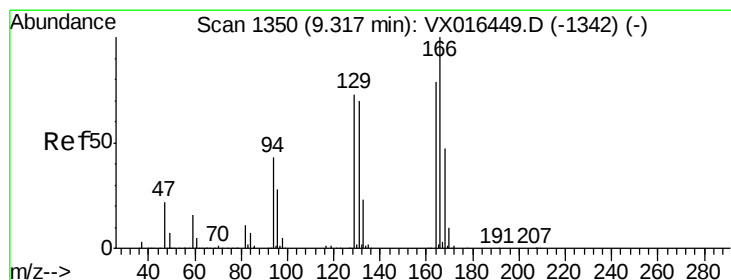
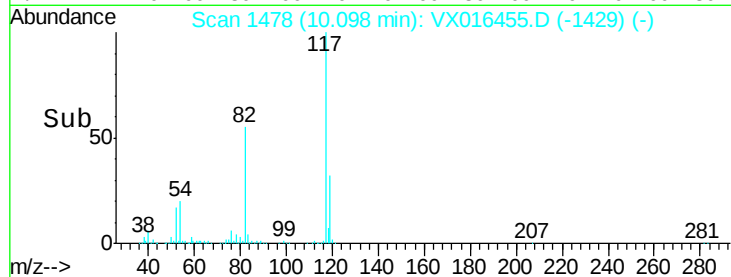
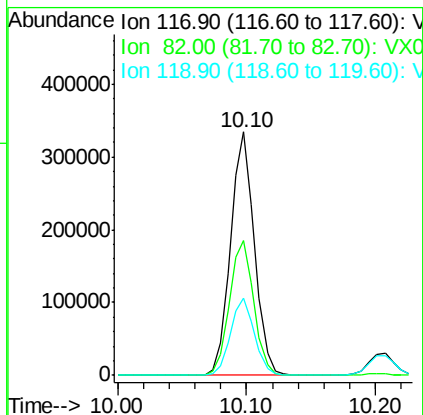
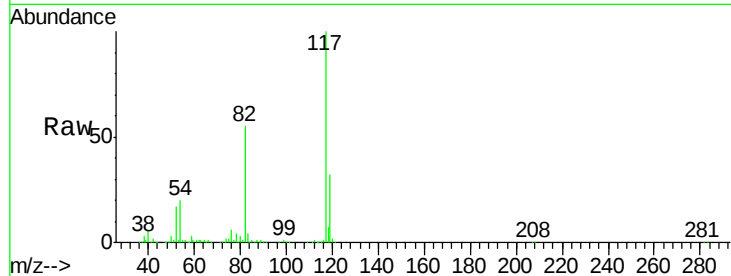




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

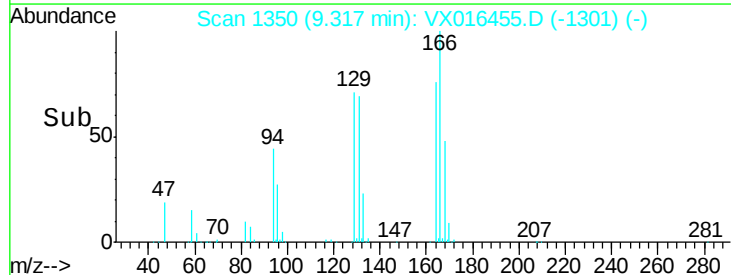
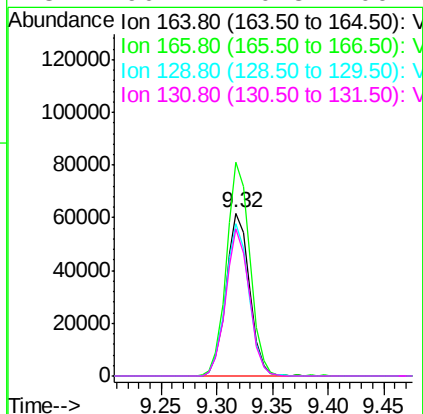
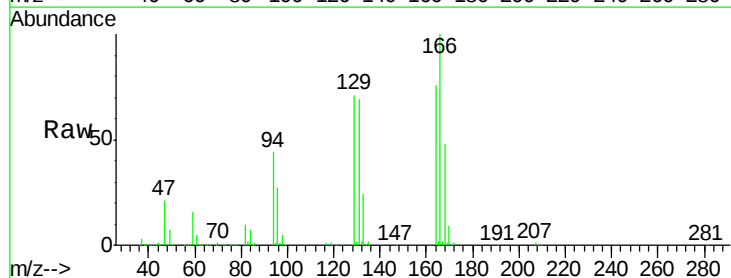
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBSD01

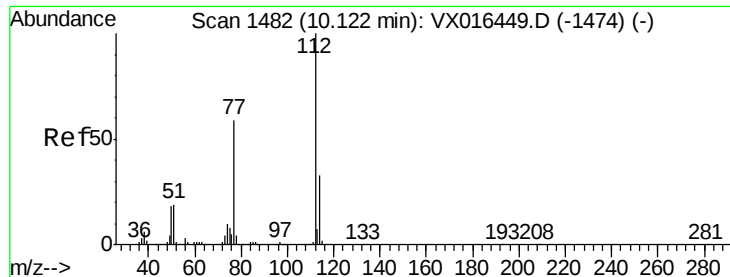
Tot Ion:117 Resp: 433426
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 18.572 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

Tgt Ion:164 Resp: 90056
Ion Ratio Lower Upper
164 100
166 131.0 100.9 151.3
129 93.2 73.2 109.8
131 90.2 70.8 106.2

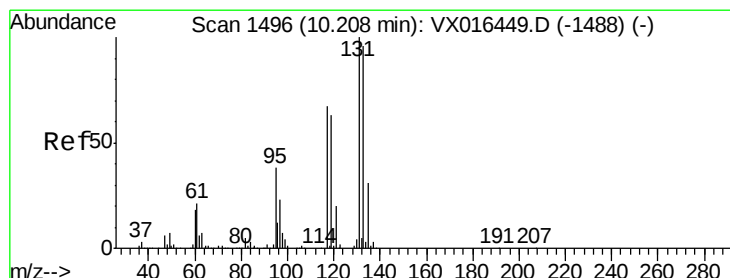
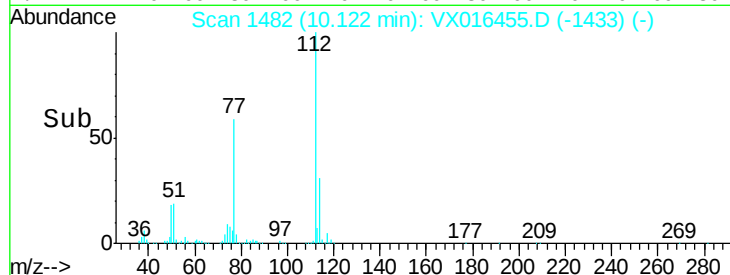
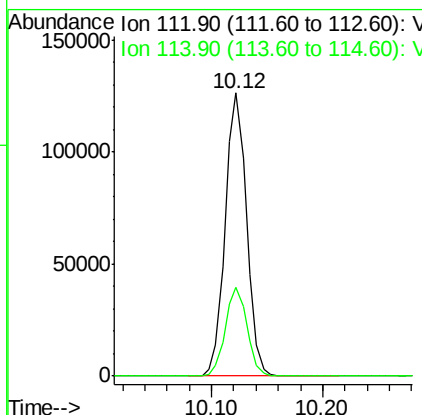
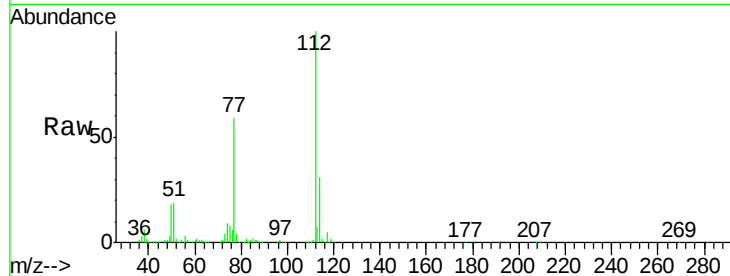




#65
Chlorobenzene
Concen: 19.093 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

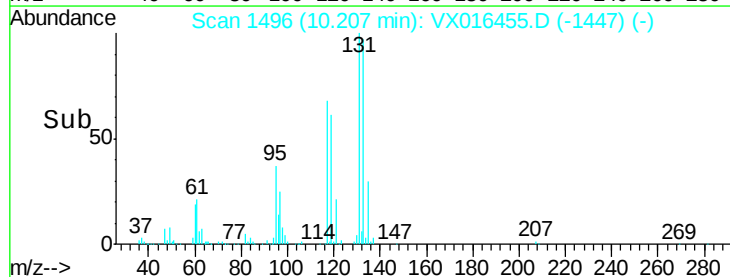
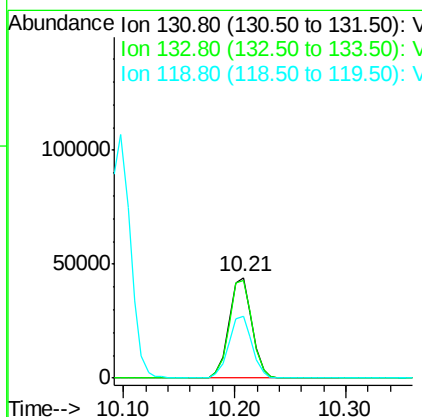
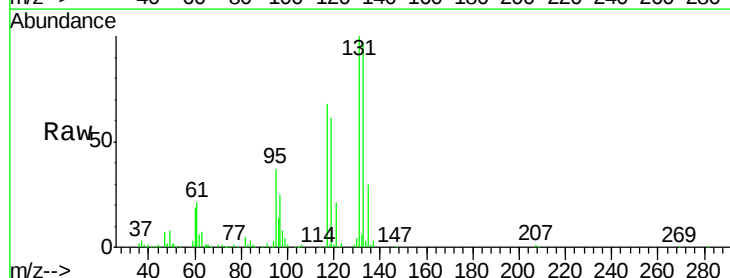
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBSD01

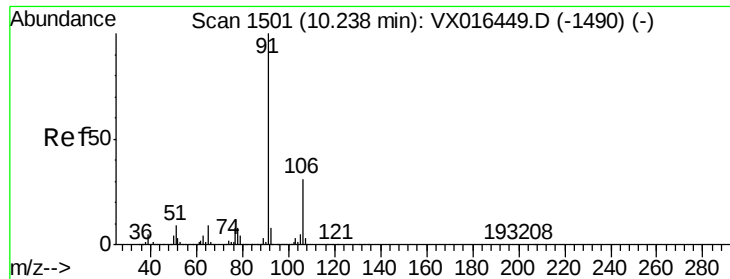
Tot Ion:112 Resp: 168713
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.563 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

Tgt Ion:131 Resp: 62613
Ion Ratio Lower Upper
131 100
133 97.8 48.4 145.3
119 61.6 32.0 96.2

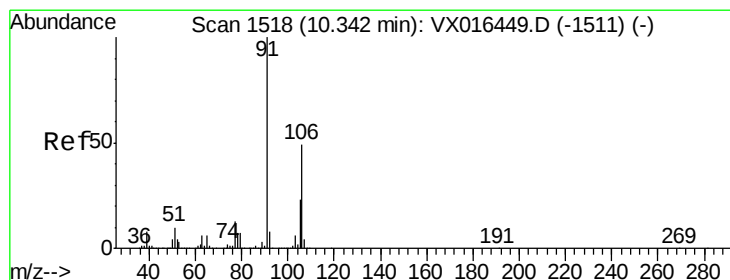
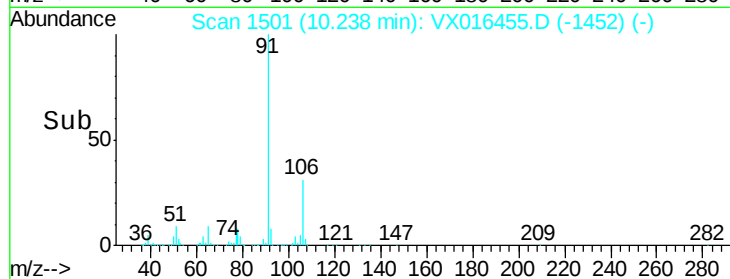
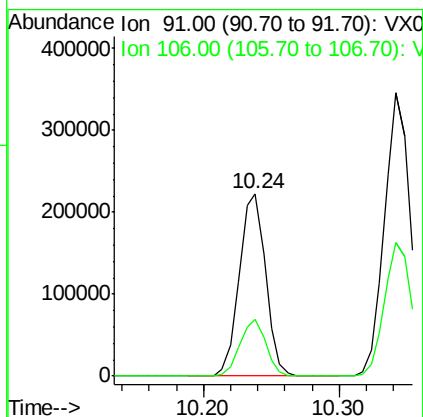
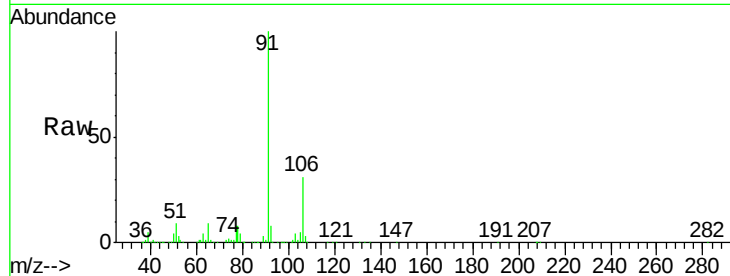




#67
Ethyl Benzene
Concen: 19.113 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

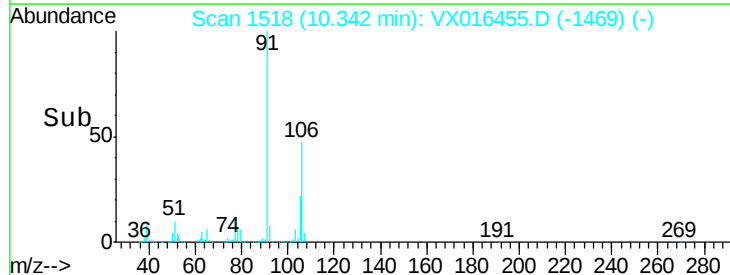
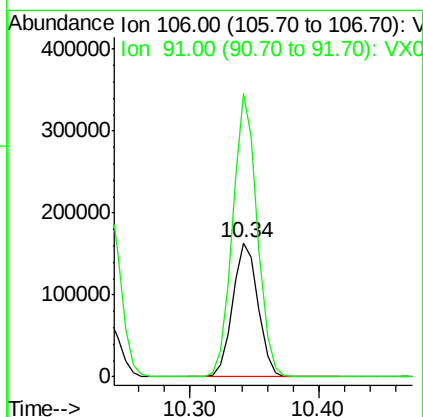
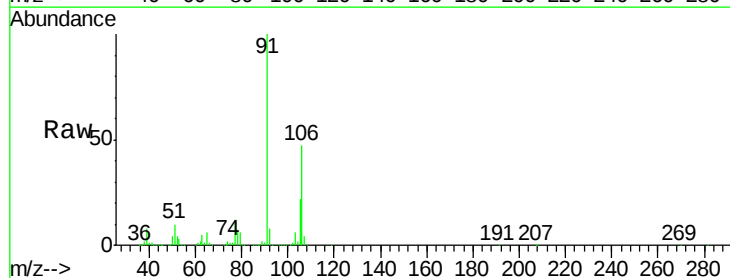
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBSD01

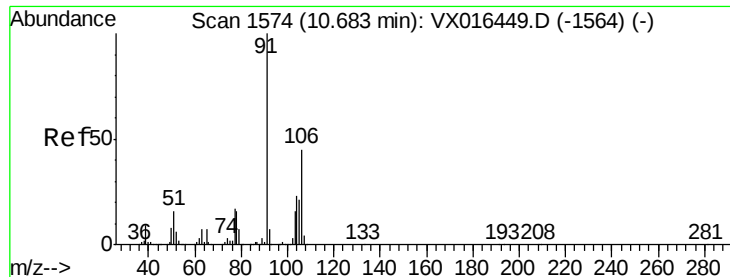
Tot Ion: 91 Resp: 300694
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4



#68
m/p-Xylenes
Concen: 38.558 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

Tgt Ion: 106 Resp: 224914
Ion Ratio Lower Upper
106 100
91 204.0 163.8 245.8

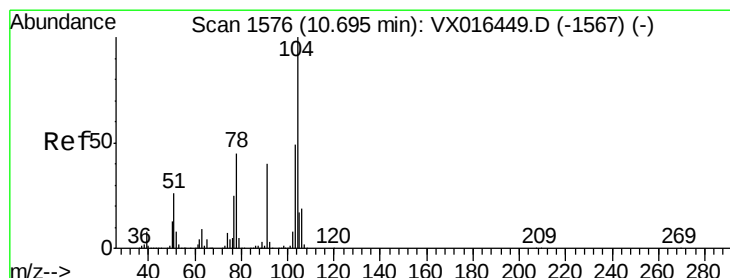
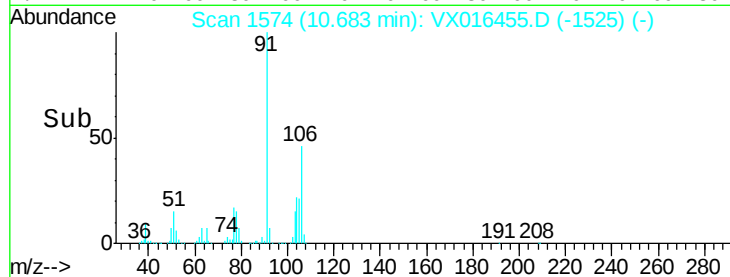
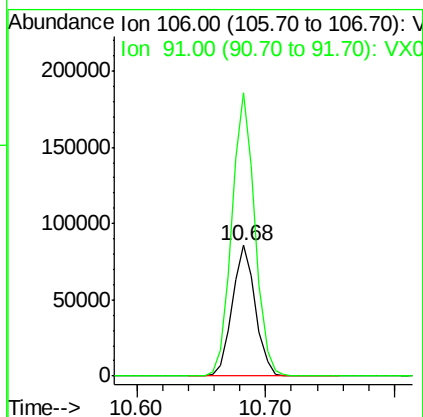
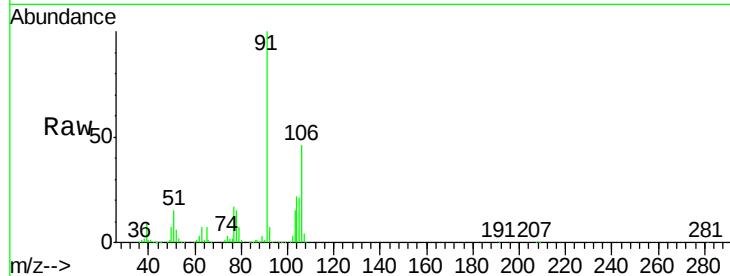




#69
o-Xylene
Concen: 19.069 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

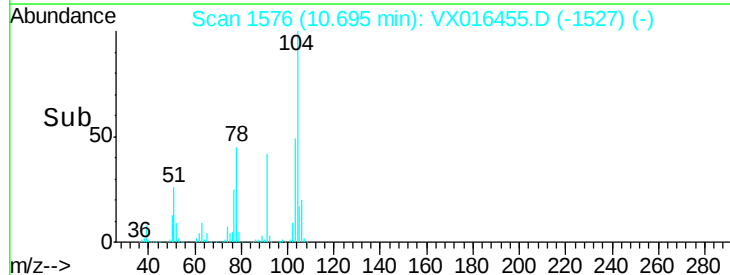
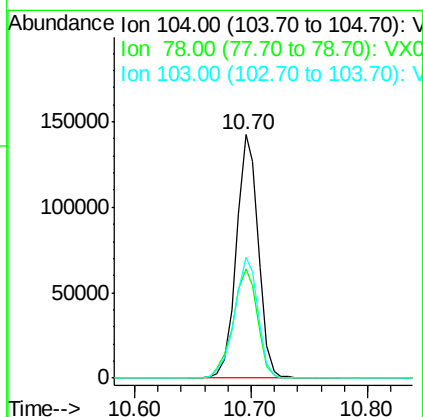
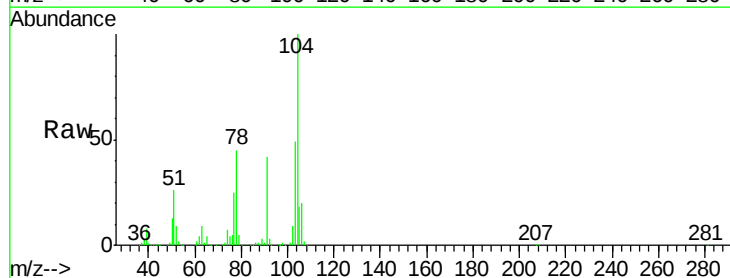
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBSD01

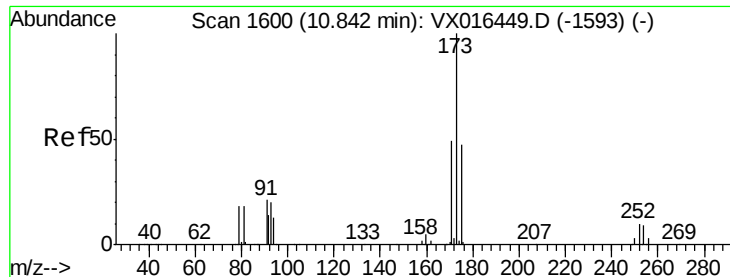
Tot Ion:106 Resp: 107724
Ion Ratio Lower Upper
106 100
91 215.8 109.6 328.8



#70
Styrene
Concen: 19.257 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

Tgt Ion:104 Resp: 186988
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 53.4 43.1 64.7





#71

Bromoform

Concen: 18.195 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

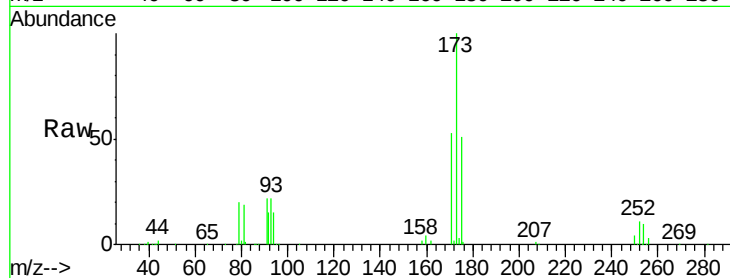
Tot Ion:173 Resp: 51869

Ion Ratio Lower Upper

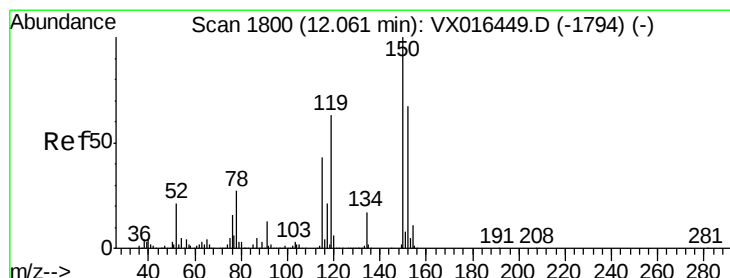
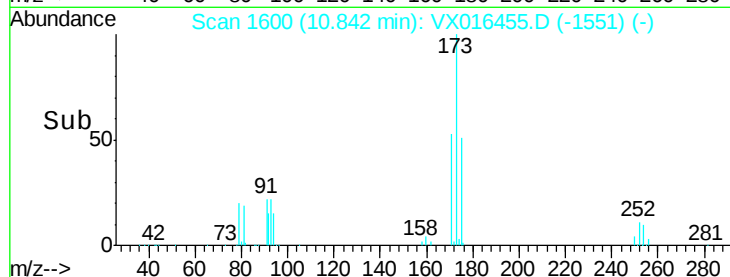
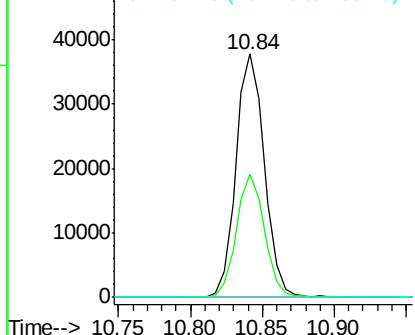
173 100

175 49.8 23.9 71.7

254 0.2 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: VX016455.D

Acq: 27 May 2020 19:07

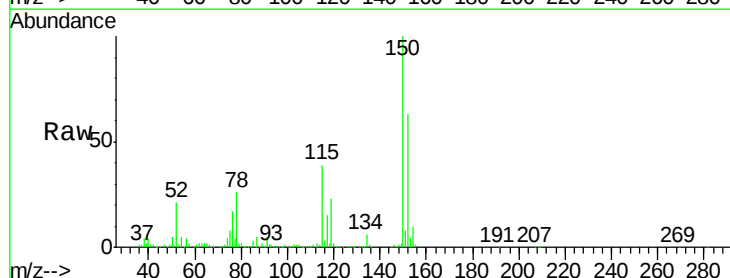
Tgt Ion:152 Resp: 215455

Ion Ratio Lower Upper

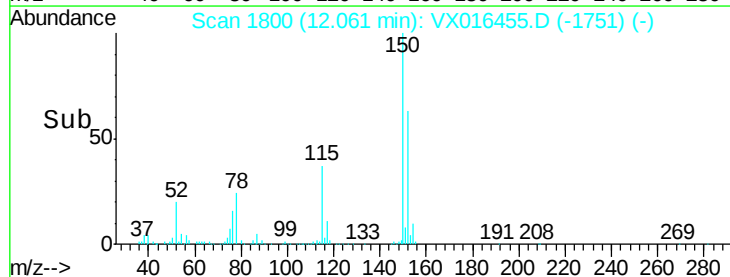
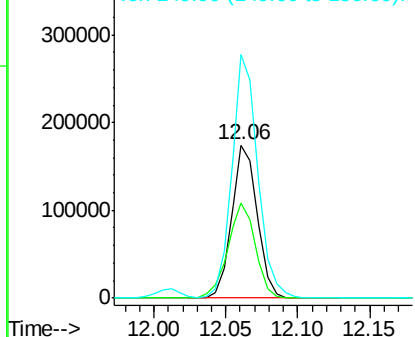
152 100

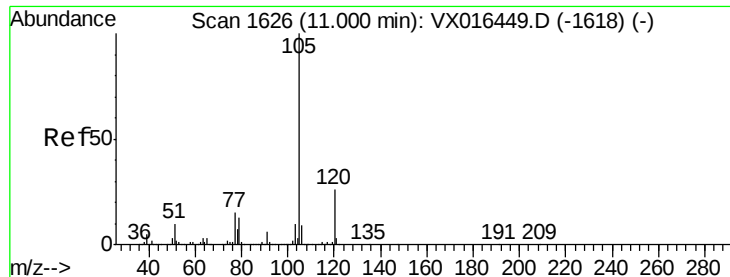
115 67.1 39.9 119.6

150 161.9 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: 19.033 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

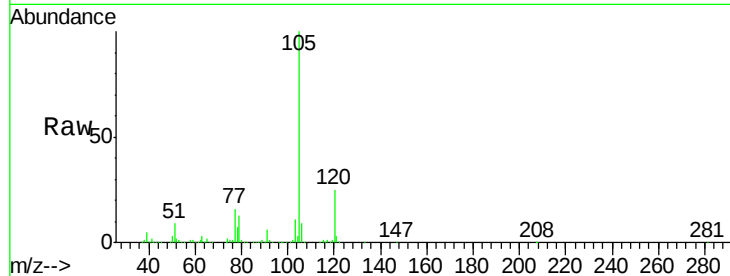
VX0527WBSD01

Tot Ion: 105 Resp: 284130

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

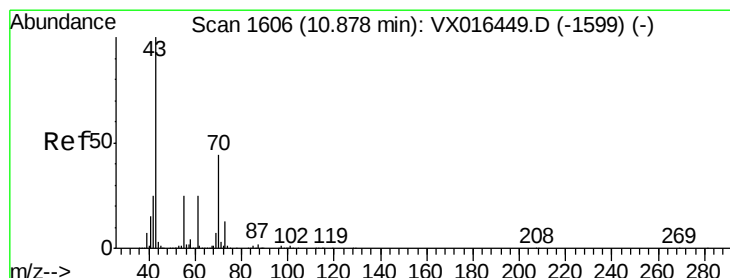
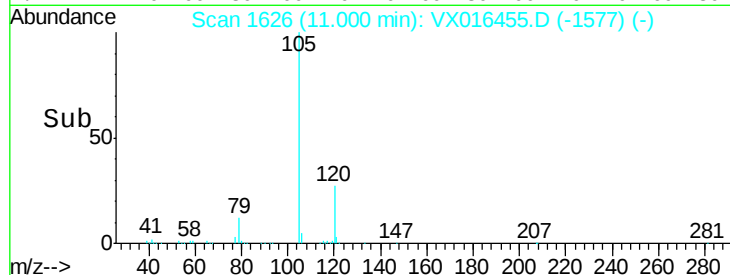
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.263 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Tgt Ion: 43 Resp: 132274

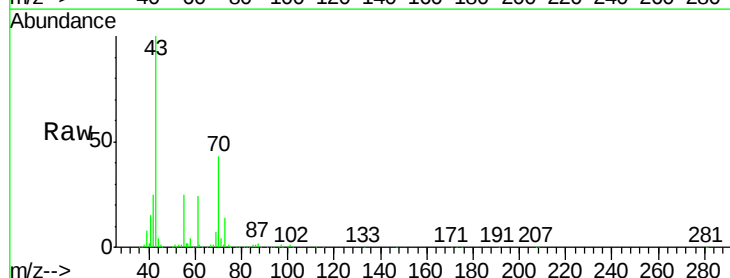
Ion Ratio Lower Upper

43 100

70 45.4 36.1 54.1

55 25.7 20.2 30.4

61 25.0 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

50000

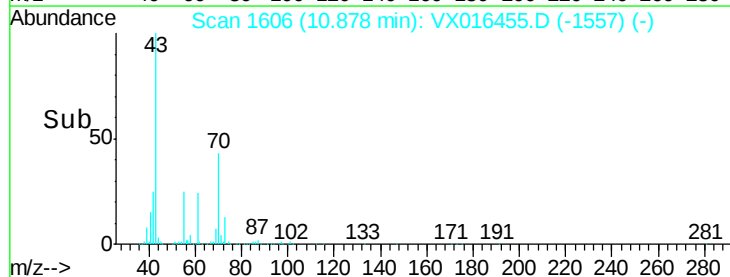
0

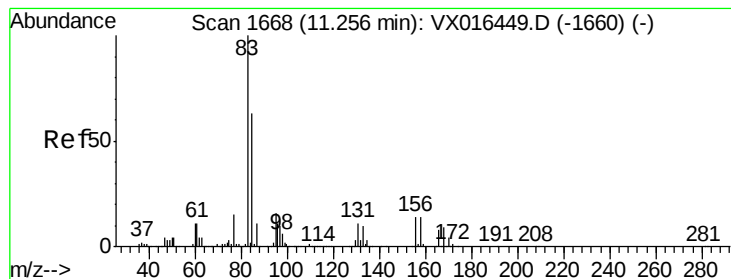
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.911 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

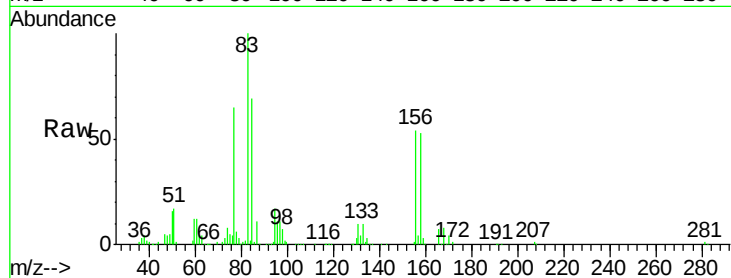
Tot Ion: 83 Resp: 70752

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

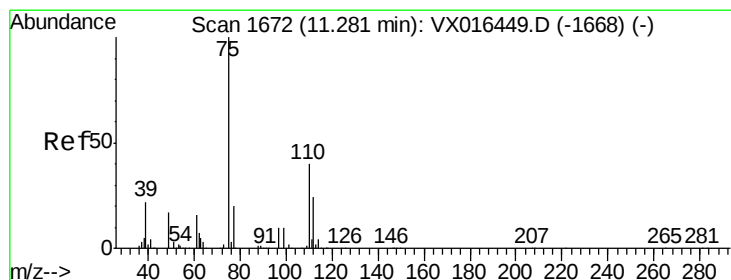
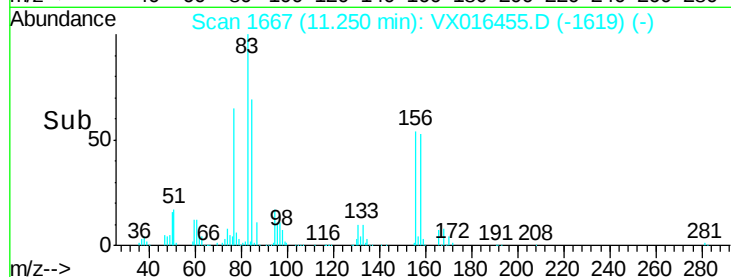
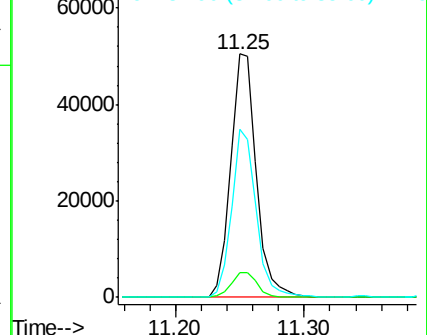
85 65.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.084 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016455.D

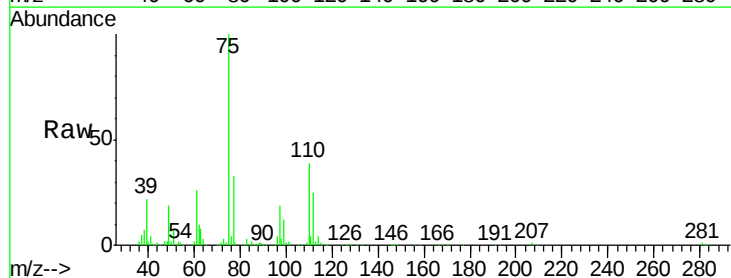
Acq: 27 May 2020 19:07

Tgt Ion: 75 Resp: 118794

Ion Ratio Lower Upper

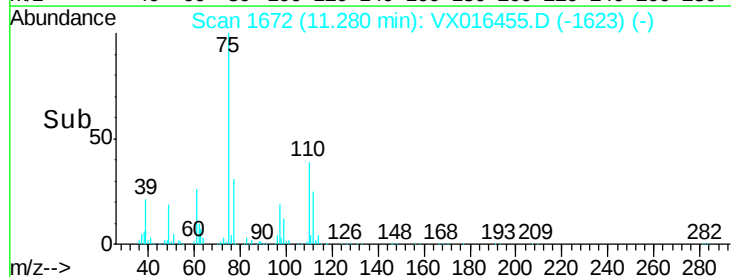
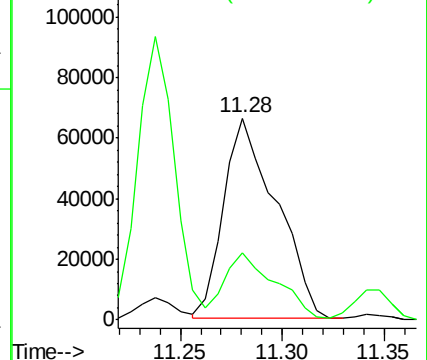
75 100

77 32.5 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: 18.535 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

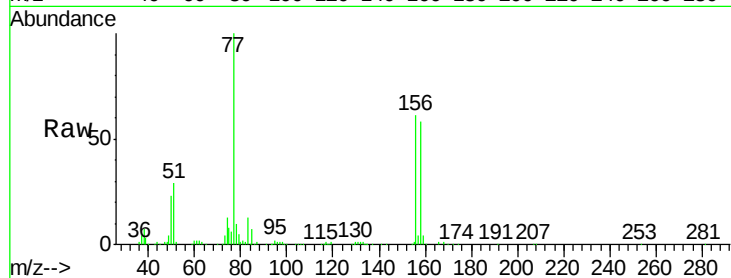
Tot Ion:156 Resp: 72572

Ion Ratio Lower Upper

156 100

77 162.8 79.6 238.8

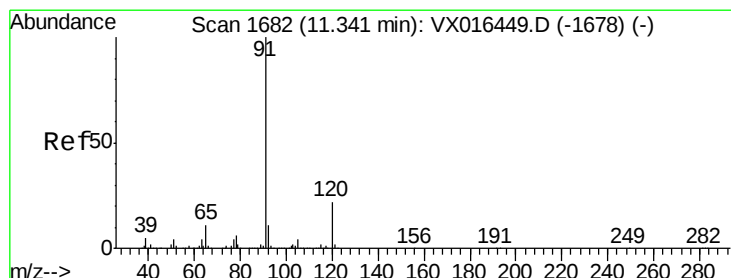
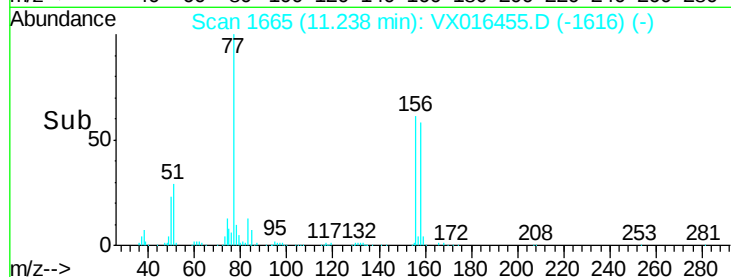
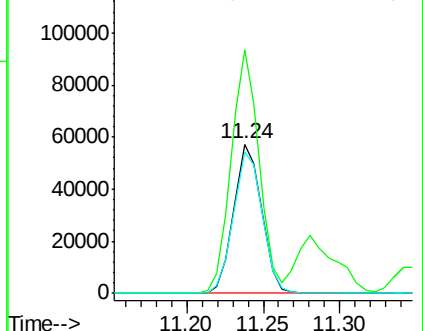
158 97.2 48.1 144.4



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: 19.315 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016455.D

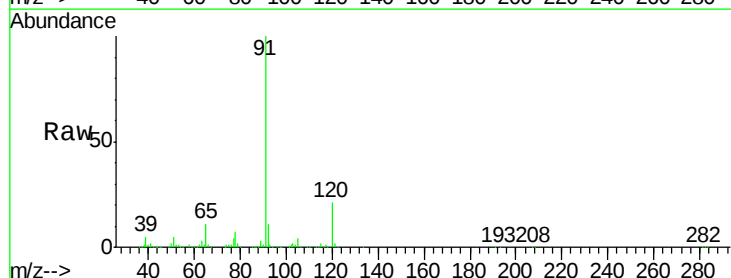
Acq: 27 May 2020 19:07

Tgt Ion: 91 Resp: 322139

Ion Ratio Lower Upper

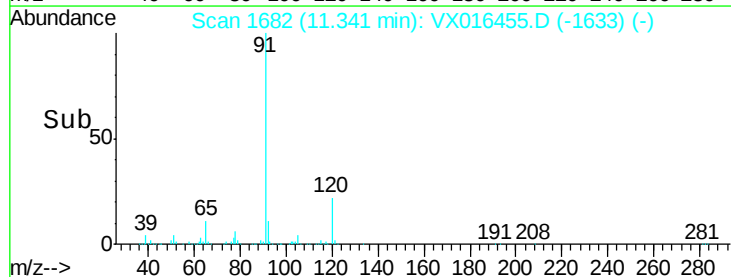
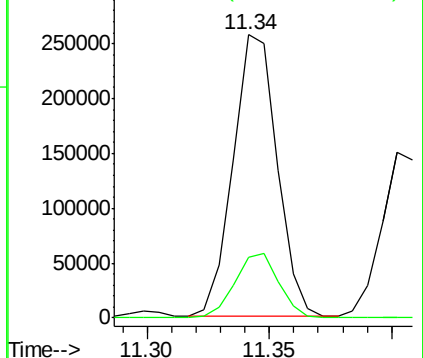
91 100

120 23.0 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: 19.031 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

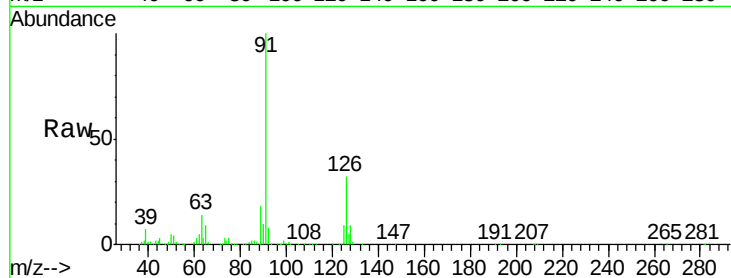
VX0527WBSD01

Tot Ion: 91 Resp: 193745

Ion Ratio Lower Upper

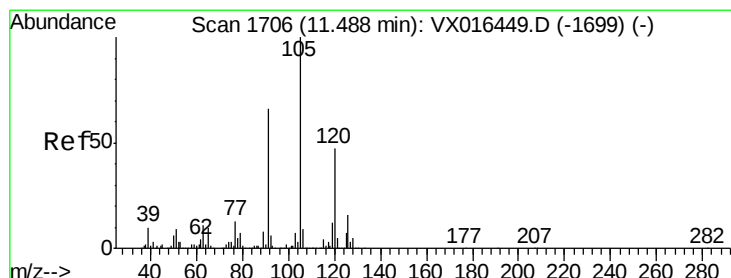
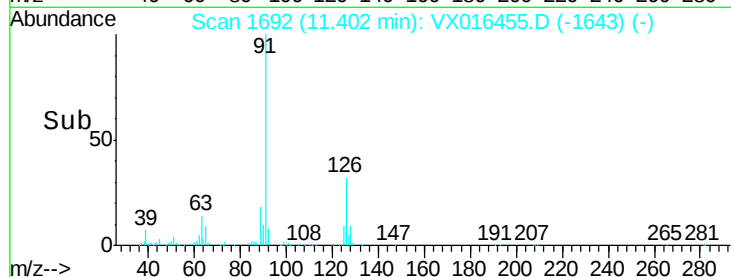
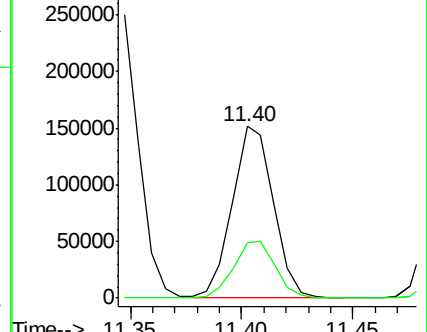
91 100

126 33.8 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.241 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016455.D

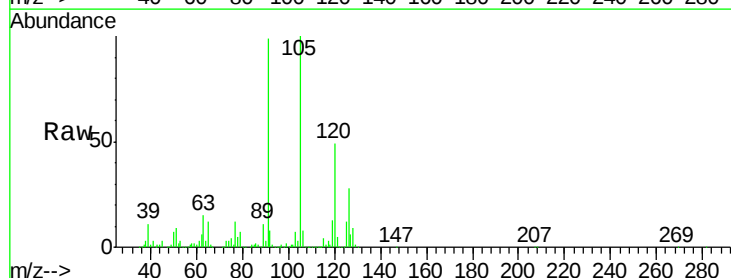
Acq: 27 May 2020 19:07

Tgt Ion:105 Resp: 239839

Ion Ratio Lower Upper

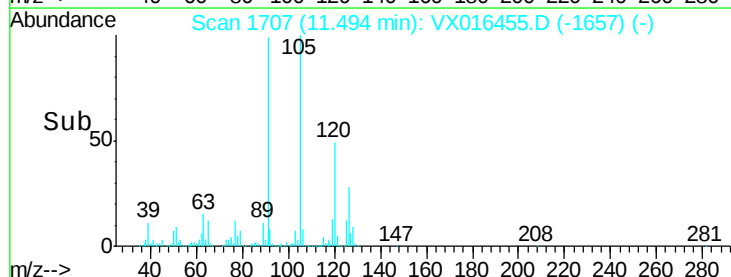
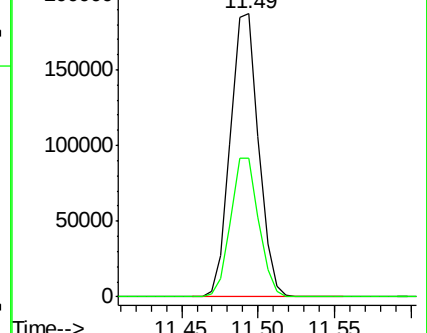
105 100

120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.216 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

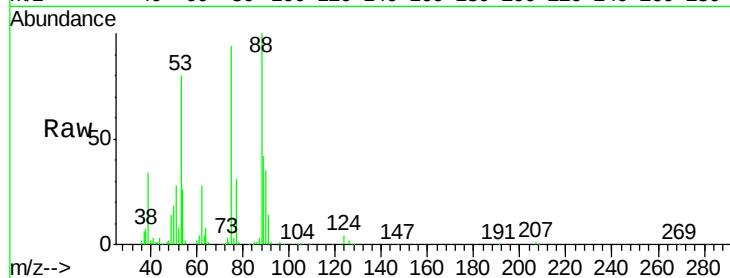
Tot Ion: 75 Resp: 35071

Ion Ratio Lower Upper

75 100

53 91.1 71.3 106.9

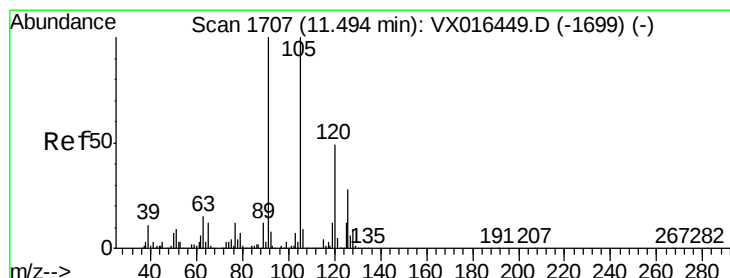
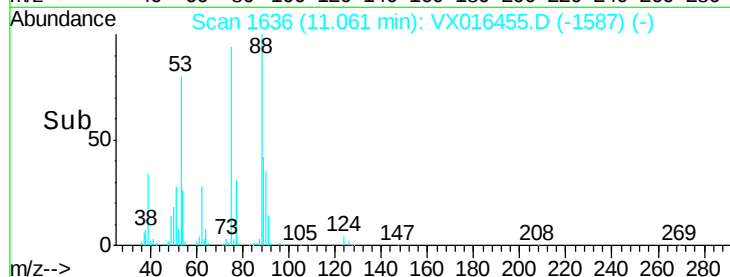
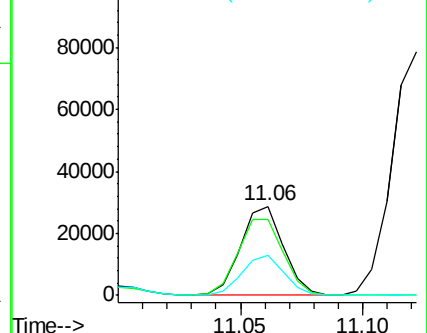
89 45.6 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.053 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016455.D

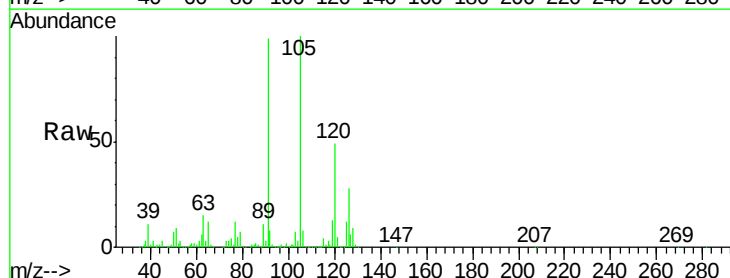
Acq: 27 May 2020 19:07

Tgt Ion: 91 Resp: 229050

Ion Ratio Lower Upper

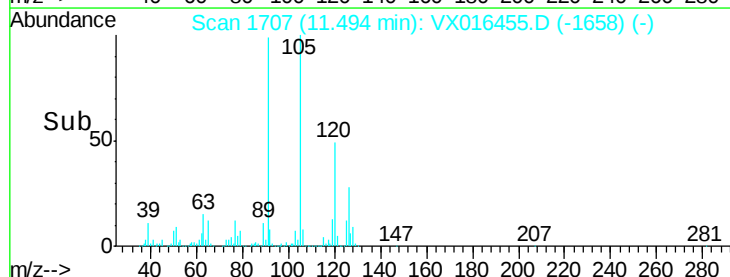
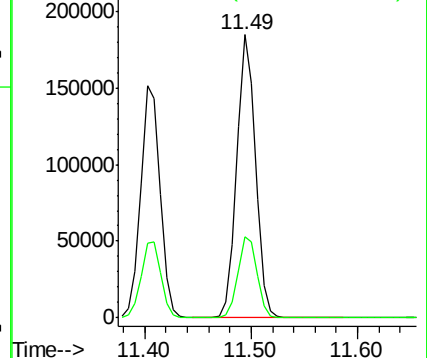
91 100

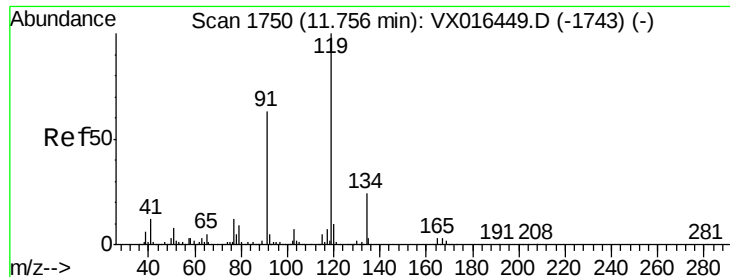
126 29.5 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.261 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

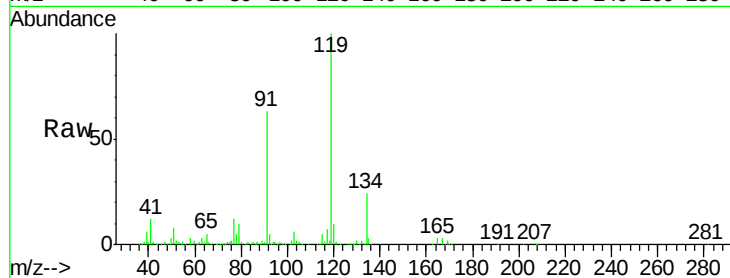
Tot Ion:119 Resp: 205142

Ion Ratio Lower Upper

119 100

91 62.4 31.3 93.8

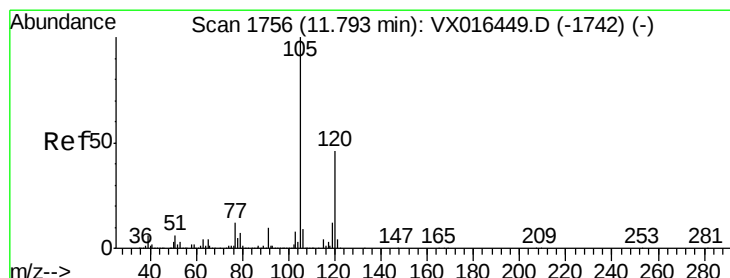
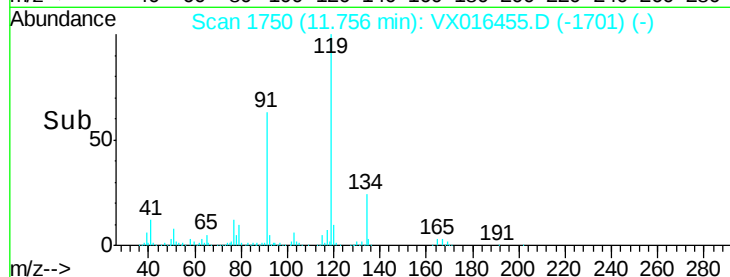
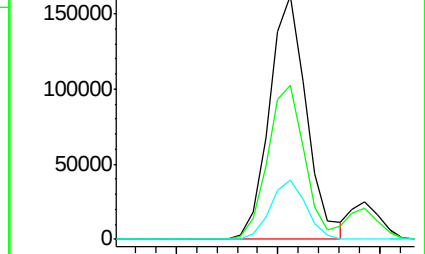
134 23.5 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.155 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016455.D

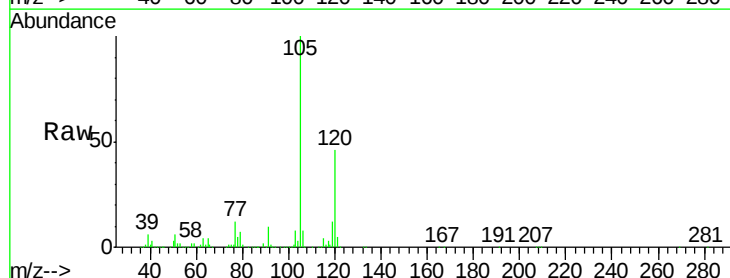
Acq: 27 May 2020 19:07

Tgt Ion:105 Resp: 241465

Ion Ratio Lower Upper

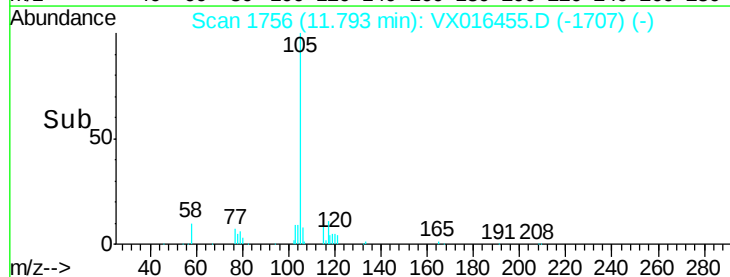
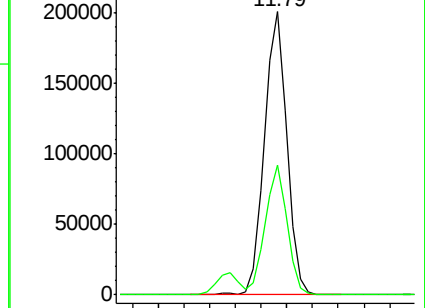
105 100

120 44.9 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

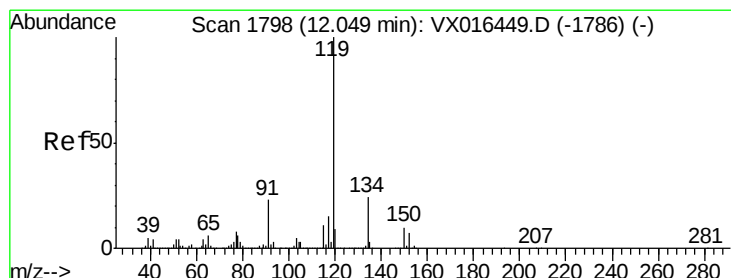
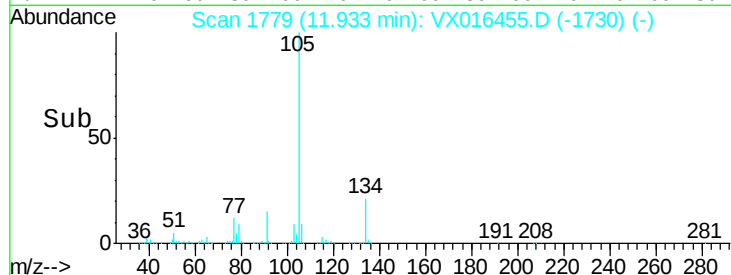
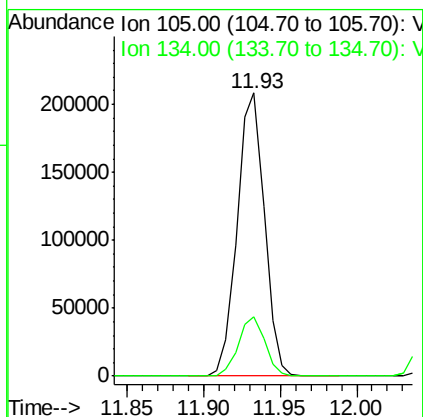
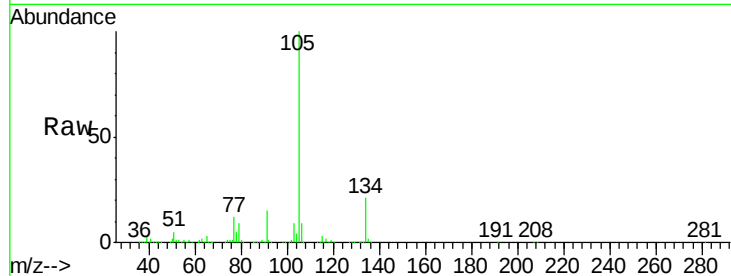




#85
 sec-Butylbenzene
 Concen: 19.239 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

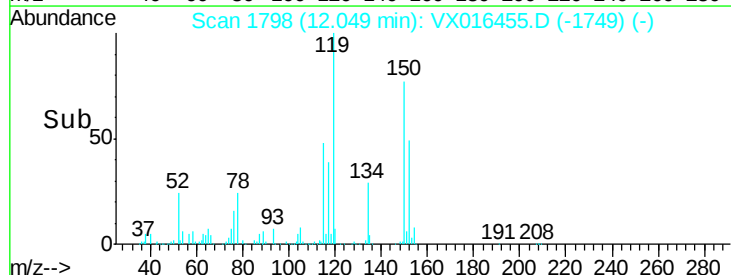
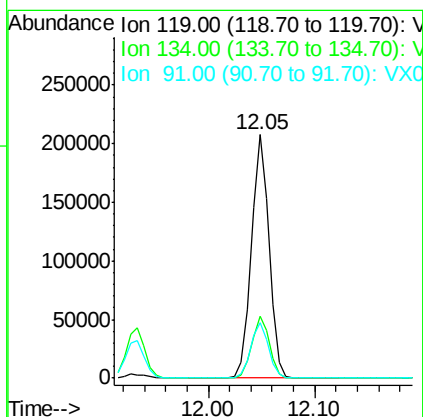
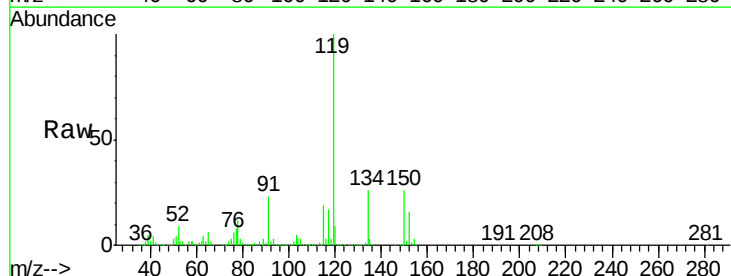
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBSD01

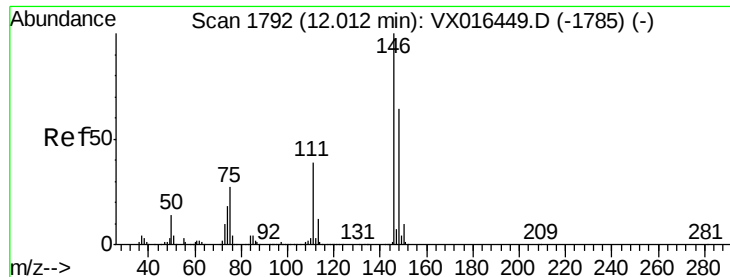
Tot Ion:105 Resp: 257052
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.334 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Tgt Ion:119 Resp: 241979
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.0
 91 23.1 11.7 35.0

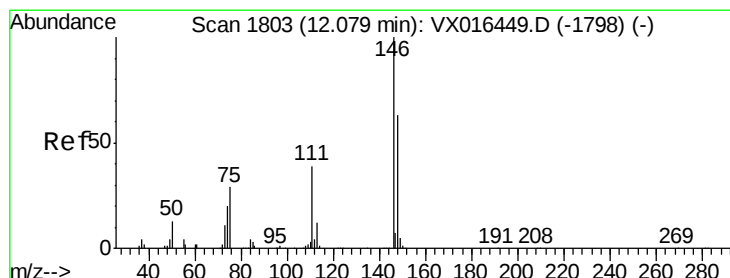
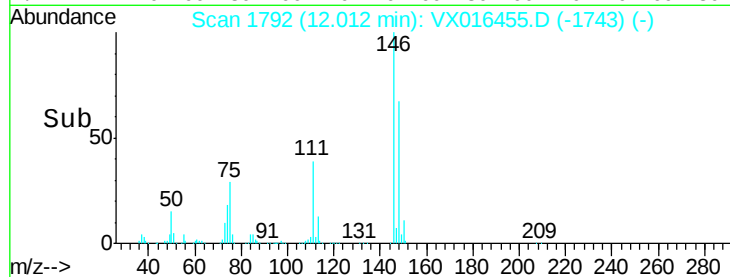
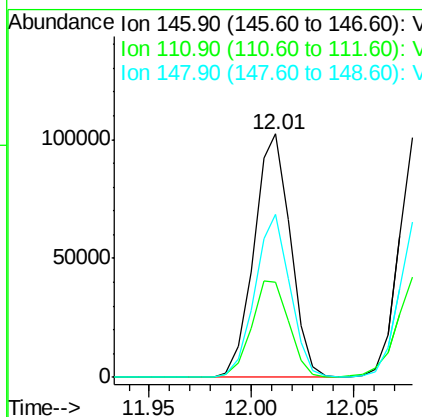
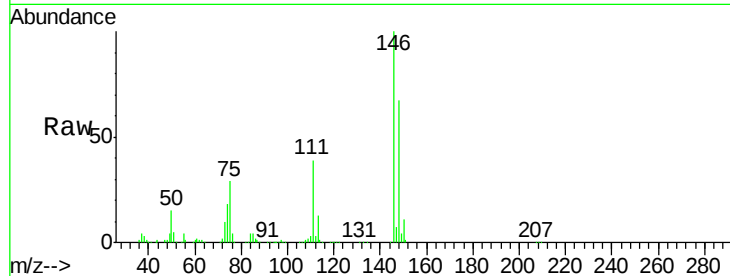




#87
 1,3-Dichlorobenzene
 Concen: 18.739 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

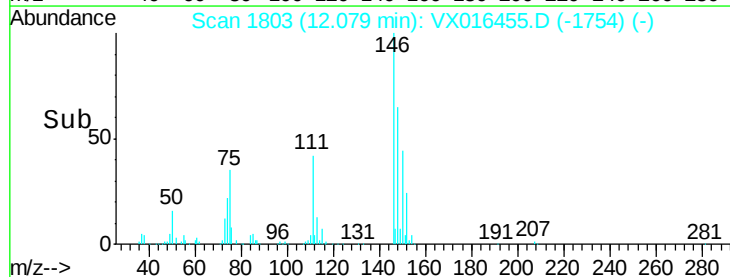
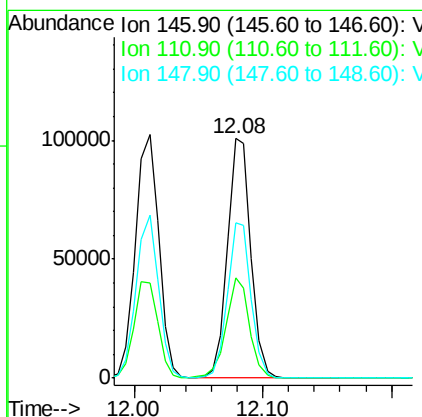
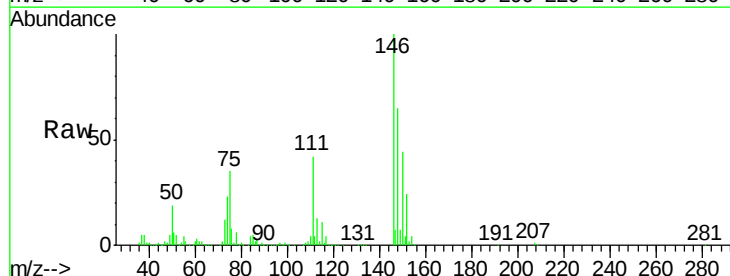
Instrument :
 MSVOA_X
 ClientSampled :
 VX0527WBSD01

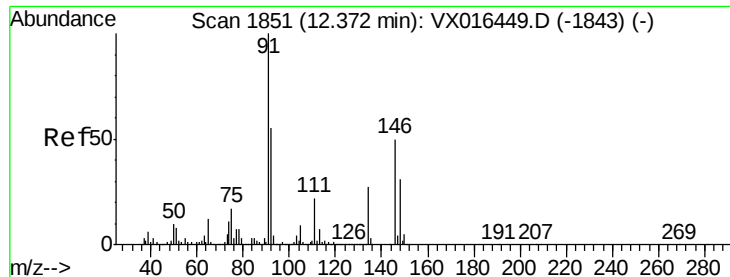
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.0	60.0
148	64.6	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.522 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	19.4	58.2
148	65.1	31.4	94.3

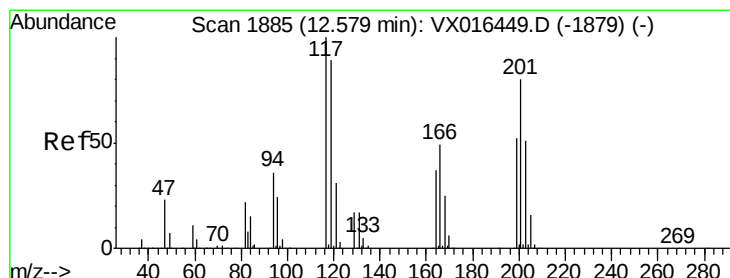
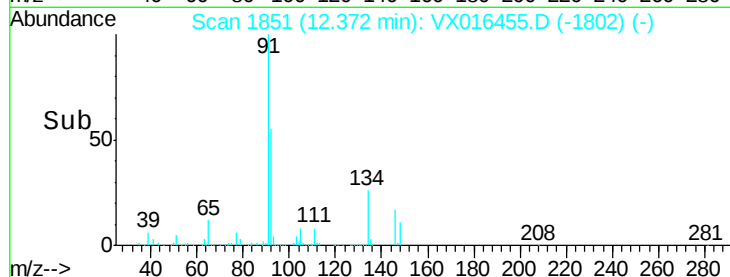
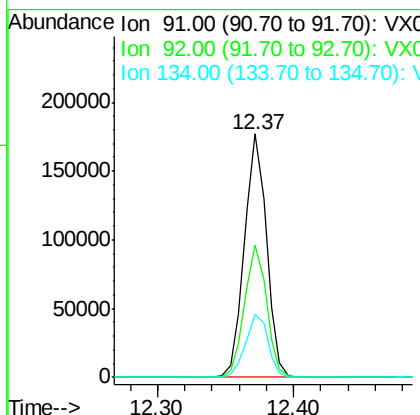
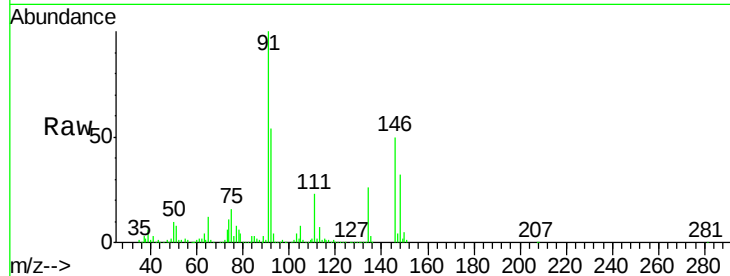




#89
n-Butylbenzene
Concen: 19.322 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

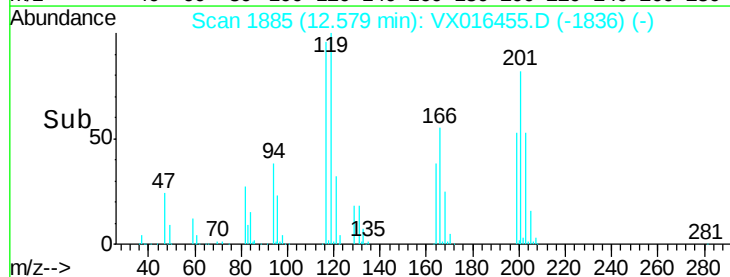
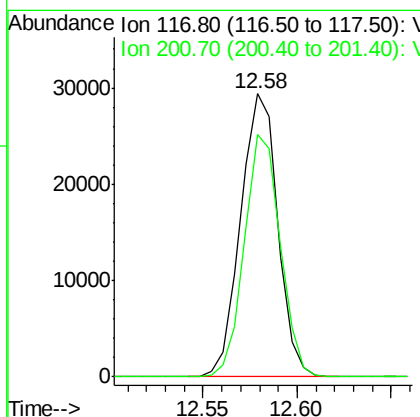
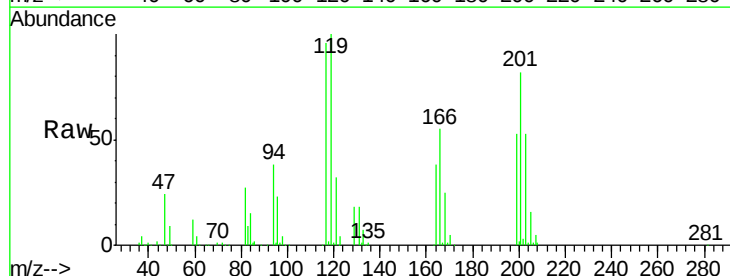
Instrument :
MSVOA_X
ClientSampled :
VX0527WBSD01

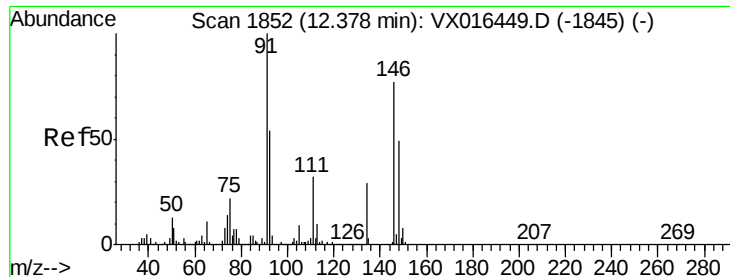
Tot Ion: 91 Resp: 201431
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.5
134 26.4 13.1 39.3



#90
Hexachloroethane
Concen: 18.522 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016455.D
Acq: 27 May 2020 19:07

Tgt Ion: 117 Resp: 40042
Ion Ratio Lower Upper
117 100
201 82.9 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 19.089 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

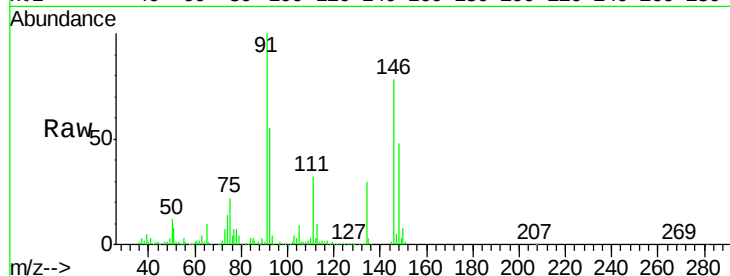
Tot Ion:146 Resp: 125455

Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.3

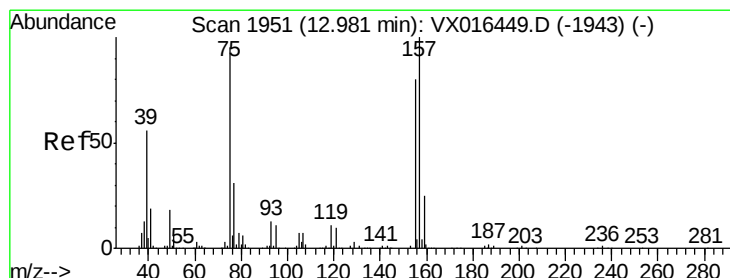
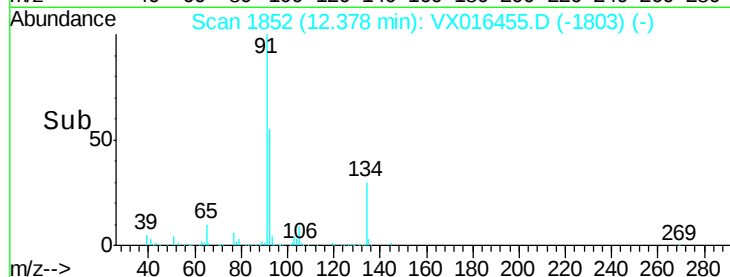
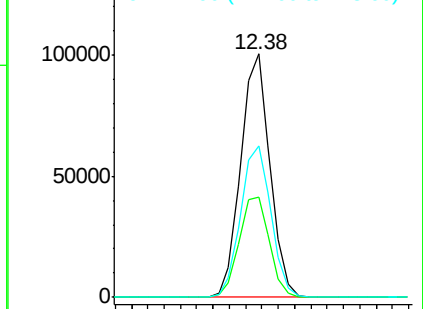
148 64.5 31.9 95.7



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: 18.646 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

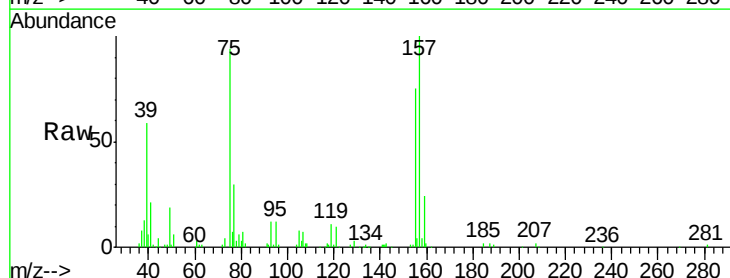
Tgt Ion: 75 Resp: 22596

Ion Ratio Lower Upper

75 100

155 87.4 44.1 132.4

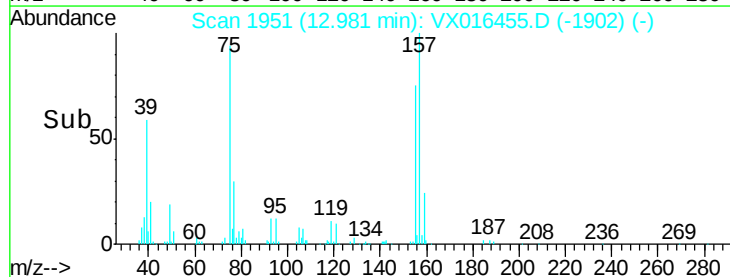
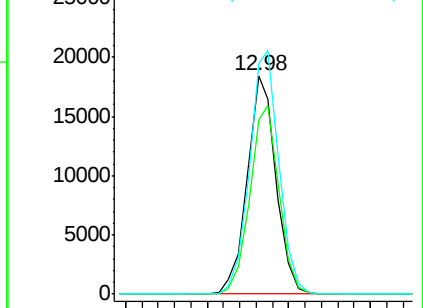
157 113.8 57.8 173.3

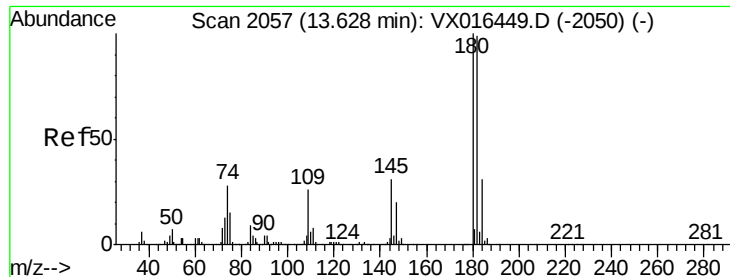


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

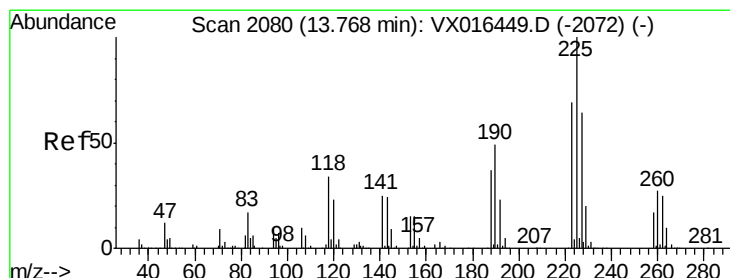
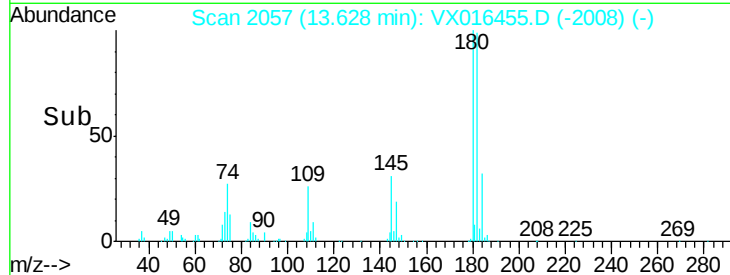
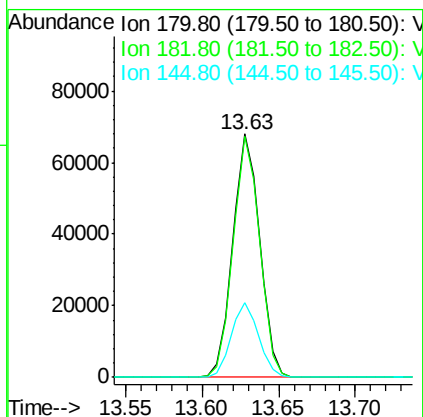
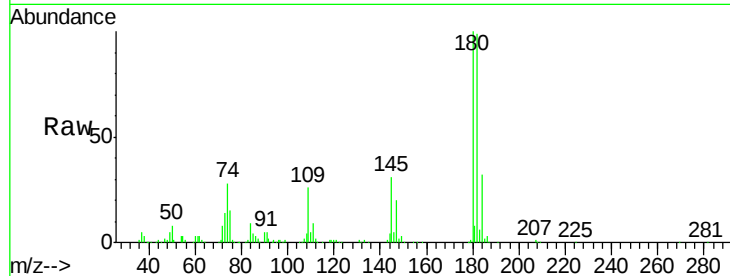




#93
 1,2,4-Trichlorobenzene
 Concen: 19.036 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

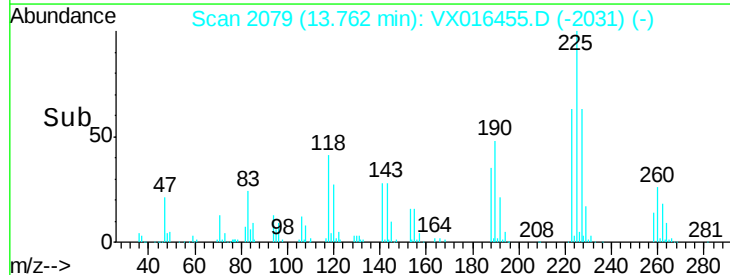
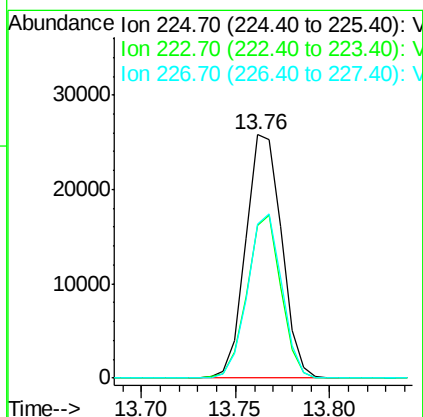
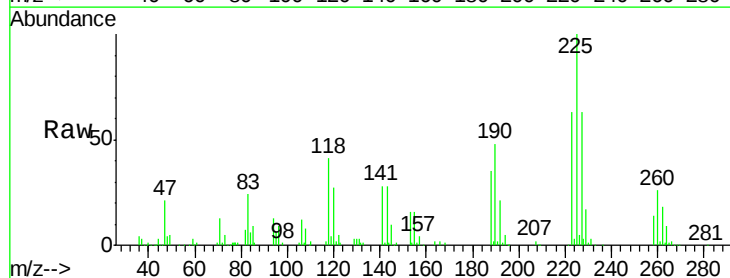
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBSD01

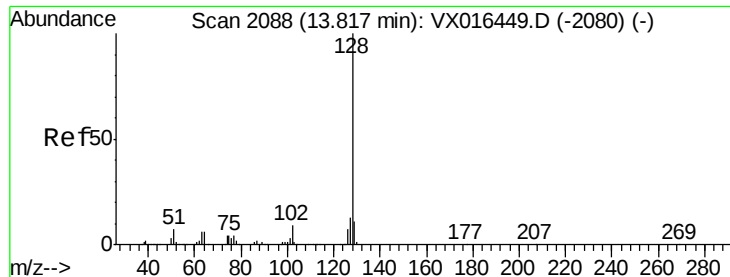
Tot Ion:180 Resp: 83089
 Ion Ratio Lower Upper
 180 100
 182 97.6 48.3 144.8
 145 30.8 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 19.842 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016455.D
 Acq: 27 May 2020 19:07

Tgt Ion:225 Resp: 34004
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.3 96.8
 227 64.6 31.6 94.7





#95

Naphthalene

Concen: 19.454 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBSD01

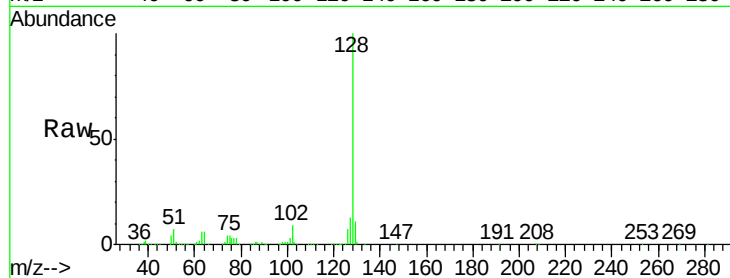
Tot Ion:128 Resp: 291089

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

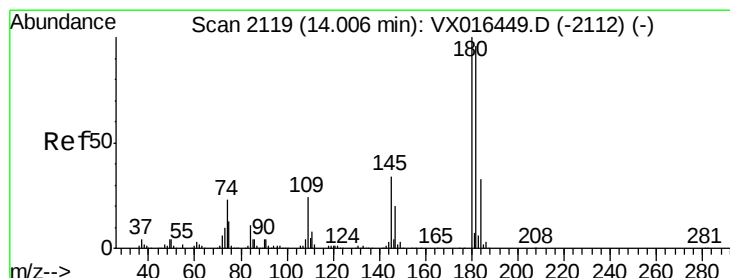
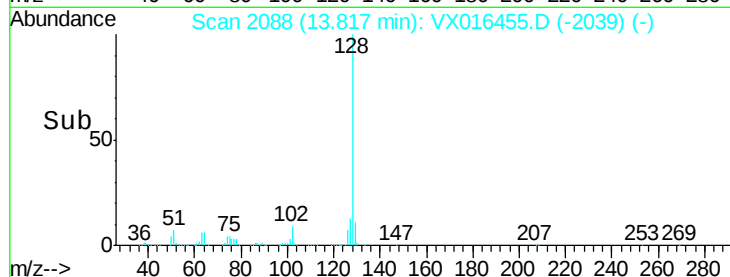
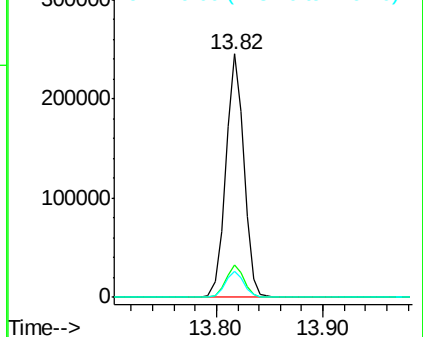
129 11.1 8.6 13.0



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: 19.698 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016455.D

Acq: 27 May 2020 19:07

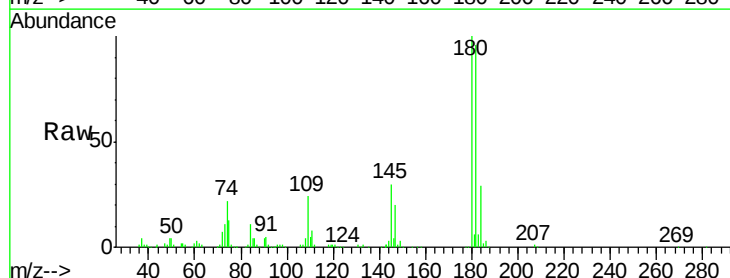
Tgt Ion:180 Resp: 84233

Ion Ratio Lower Upper

180 100

182 92.8 48.6 145.8

145 31.7 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

