

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016086.D
 Acq On : 07 May 2020 11:34
 Operator : JC/SP
 Sample : VX0507WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

Quant Time: May 08 02:02:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	301189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	470992	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219958	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187926	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	5.46	113	142599	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	8.70	98	567162	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.12	95	215464	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	61862	19.405	ug/l	99
3) Chloromethane	1.31	50	67803	18.314	ug/l	100
4) Vinyl Chloride	1.39	62	70680	17.894	ug/l	99
5) Bromomethane	1.63	94	46032	23.116	ug/l	99
6) Chloroethane	1.71	64	44426	18.485	ug/l	99
7) Trichlorofluoromethane	1.92	101	93707	18.070	ug/l	99
8) Diethyl Ether	2.17	74	39500	18.078	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	56896	19.017	ug/l	98
10) Methyl Iodide	2.49	142	69395	17.268	ug/l	99
11) Tert butyl alcohol	3.01	59	91869	91.665	ug/l	100
12) 1,1-Dichloroethene	2.36	96	55992	17.884	ug/l	91
13) Acrolein	2.27	56	48410	77.189	ug/l	99
14) Allyl chloride	2.70	41	106105	18.483	ug/l	98
15) Acrylonitrile	3.11	53	193546	93.090	ug/l	99
16) Acetone	2.42	43	162668	91.986	ug/l	100
17) Carbon Disulfide	2.55	76	172741	18.241	ug/l	97
18) Methyl Acetate	2.75	43	85277	19.613	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	209385	19.400	ug/l	99
20) Methylene Chloride	2.83	84	66732	18.305	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	61483	17.622	ug/l	97
22) Diisopropyl ether	3.82	45	208974	19.296	ug/l	95
23) Vinyl Acetate	3.78	43	907196	95.212	ug/l	99
24) 1,1-Dichloroethane	3.67	63	113411	18.720	ug/l	100
25) 2-Butanone	4.63	43	268224	94.126	ug/l	100
26) 2,2-Dichloropropane	4.54	77	100258	18.121	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	71323	18.699	ug/l	99
28) Bromochloromethane	4.98	49	48754	17.648	ug/l	98
29) Tetrahydrofuran	5.09	42	175768	93.090	ug/l	99
30) Chloroform	5.17	83	114670	19.010	ug/l	100
31) Cyclohexane	5.54	56	104787	19.032	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	102798	18.748	ug/l	99
36) 1,1-Dichloropropene	5.77	75	85808	18.508	ug/l	99
37) Ethyl Acetate	4.79	43	104033	19.360	ug/l	100
38) Carbon Tetrachloride	5.75	117	90461	19.196	ug/l	94

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Quant Time: May 08 02:02:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	106760	19.121	ug/l	99
40) Benzene	6.11	78	257267	18.965	ug/l	98
41) Methacrylonitrile	4.99	41	55892	19.260	ug/l	99
42) 1,2-Dichloroethane	6.16	62	93725	19.180	ug/l	99
43) Isopropyl Acetate	6.41	43	164651	19.204	ug/l	99
44) Trichloroethene	7.19	130	96215	19.965	ug/l	98
45) 1,2-Dichloropropane	7.49	63	66923	19.497	ug/l	98
46) Dibromomethane	7.63	93	44882	19.241	ug/l	99
47) Bromodichloromethane	7.87	83	91783	19.320	ug/l	99
48) Methyl methacrylate	7.74	41	76694	18.878	ug/l	98
49) 1,4-Dioxane	7.71	88	36441	374.002	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	511605	97.512	ug/l	100
52) Toluene	8.76	92	163698	19.360	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	107331	18.948	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	113098	19.116	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	65557	19.706	ug/l	99
56) Ethyl methacrylate	9.16	69	104570	19.257	ug/l	99
57) 1,3-Dichloropropane	9.35	76	114097	19.656	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	257811	89.179	ug/l	100
59) 2-Hexanone	9.47	43	393855	95.589	ug/l	99
60) Dibromochloromethane	9.57	129	70744	19.308	ug/l	99
61) 1,2-Dibromoethane	9.65	107	70687	19.617	ug/l	100
64) Tetrachloroethene	9.32	164	105617	19.924	ug/l	98
65) Chlorobenzene	10.12	112	173768	19.219	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	64468	19.291	ug/l	99
67) Ethyl Benzene	10.23	91	308438	19.119	ug/l	98
68) m/p-Xylenes	10.34	106	235145	38.905	ug/l	100
69) o-Xylene	10.68	106	111711	19.228	ug/l	100
70) Styrene	10.70	104	189812	19.258	ug/l	100
71) Bromoform	10.84	173	53203	19.541	ug/l	99
73) Isopropylbenzene	11.00	105	298932	18.685	ug/l	100
74) N-amyl acetate	10.88	43	137050	18.365	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	48997	17.972	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	126026	25.249	ug/l	84
77) Bromobenzene	11.24	156	76265	18.468	ug/l	99
78) n-propylbenzene	11.34	91	344107	18.489	ug/l	99
79) 2-Chlorotoluene	11.40	91	204624	18.626	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	255843	18.940	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38863	18.555	ug/l	99
82) 4-Chlorotoluene	11.49	91	241104	18.585	ug/l	99
83) tert-Butylbenzene	11.76	119	215774	18.536	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	258123	18.901	ug/l	99
85) sec-Butylbenzene	11.93	105	293860	18.696	ug/l	100
86) p-Isopropyltoluene	12.05	119	276681	18.960	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	137510	18.546	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	140611	18.684	ug/l	98
89) n-Butylbenzene	12.37	91	242969	18.225	ug/l	100
90) Hexachloroethane	12.58	117	45593	18.192	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	132671	18.583	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22583	17.167	ug/l	99

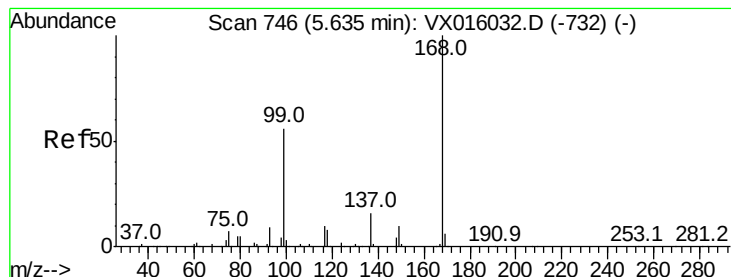
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
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Instrument :
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ClientSampleId :
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Quant Time: May 08 02:02:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	95584	18.083	ug/l	99
94) Hexachlorobutadiene	13.77	225	46491	20.736	ug/l	96
95) Naphthalene	13.82	128	320193	18.708	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	97696	18.912	ug/l	99

(#) = 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. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

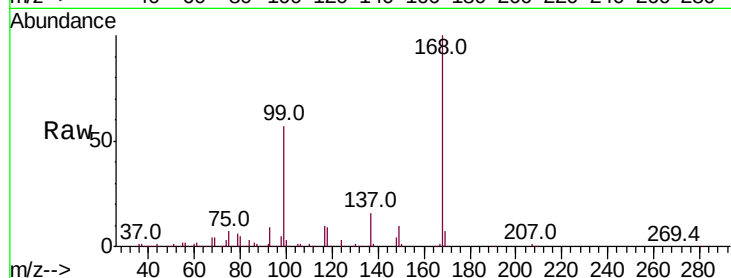
VX0507WBSD01

Tot Ion:168 Resp: 301189

Ion Ratio Lower Upper

168 100

99 56.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

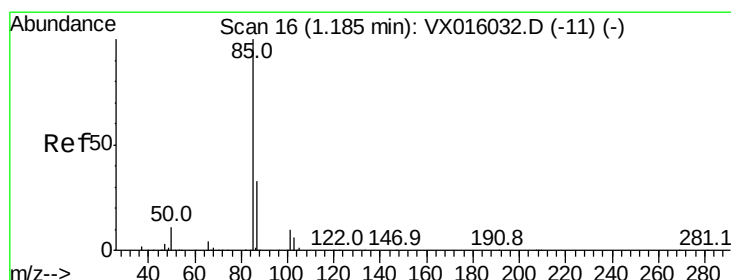
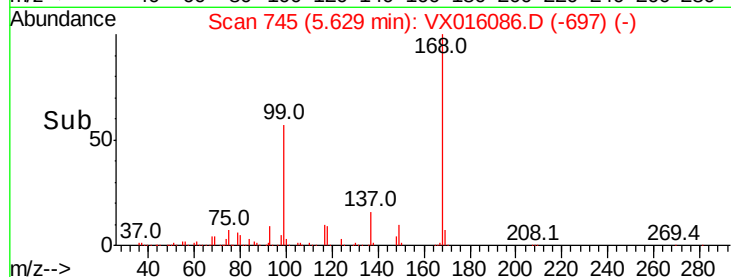
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.405 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016086.D

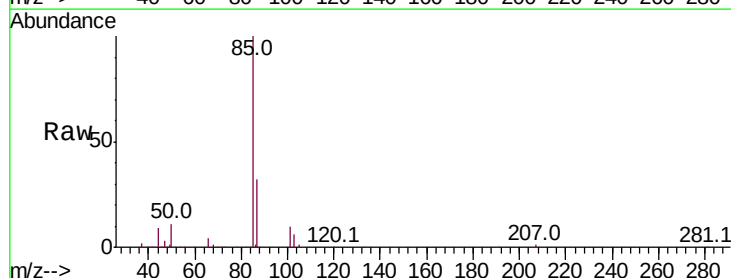
Acq: 07 May 2020 11:34

Tgt Ion: 85 Resp: 61862

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

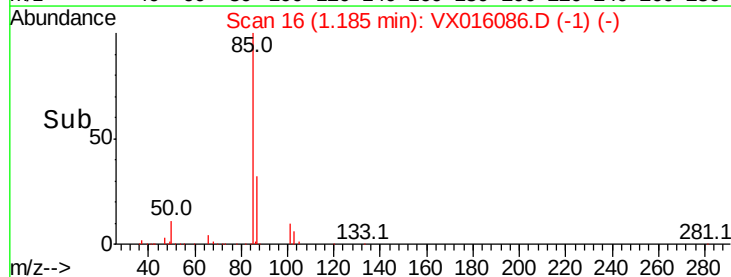
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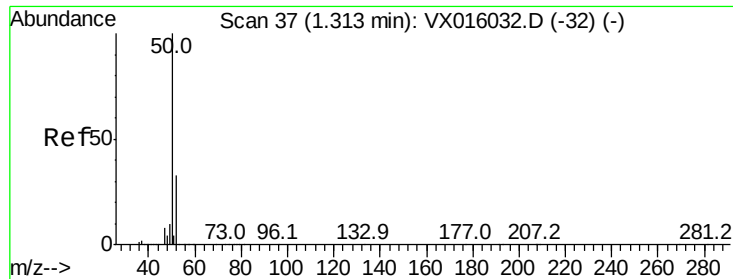
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.314 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

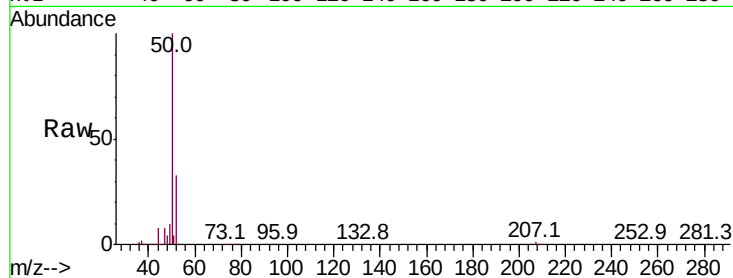
VX0507WBSD01

Tot Ion: 50 Resp: 67803

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

80000

60000

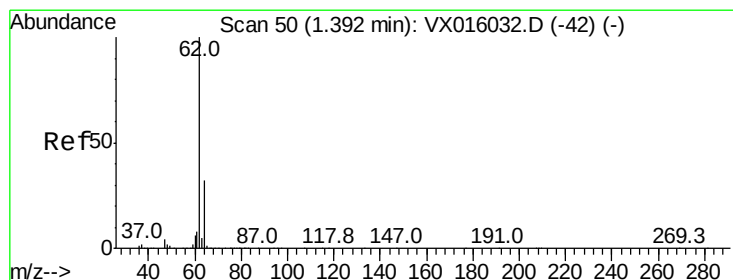
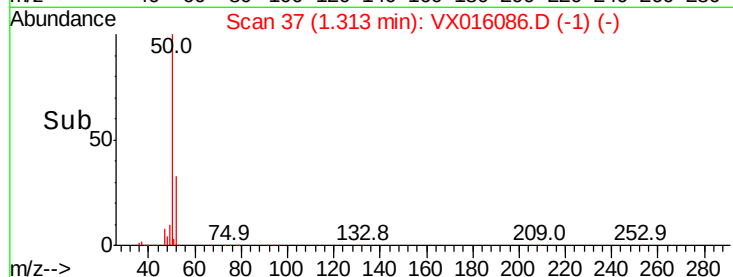
40000

20000

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Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 17.894 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016086.D

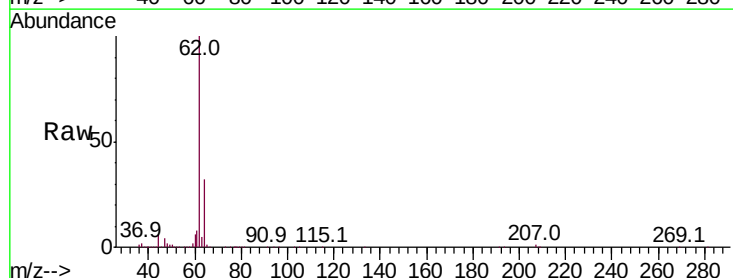
Acq: 07 May 2020 11:34

Tgt Ion: 62 Resp: 70680

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

80000

60000

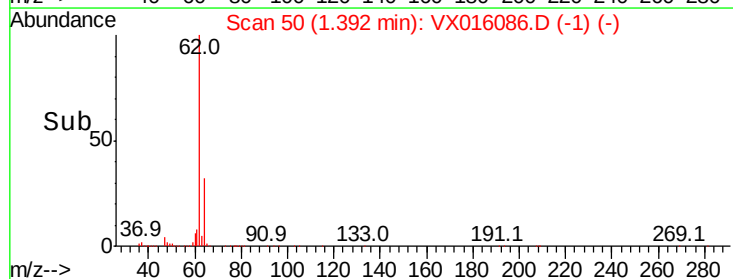
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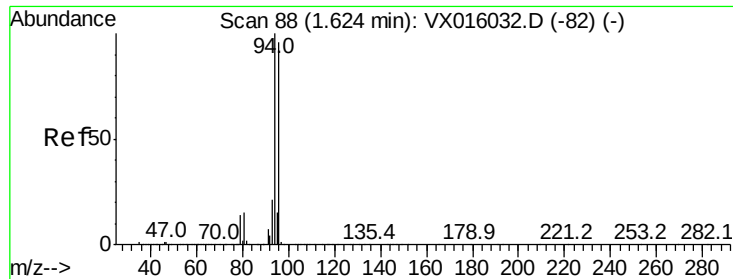
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Time-->

1.30 1.35 1.40 1.45

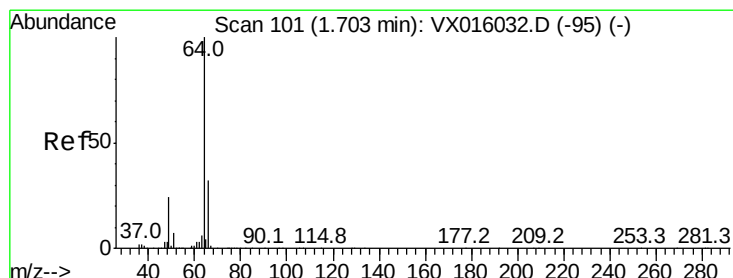
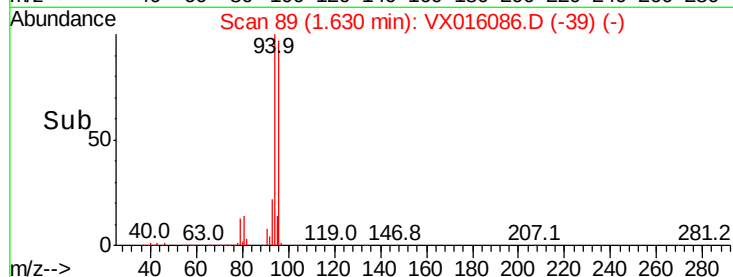
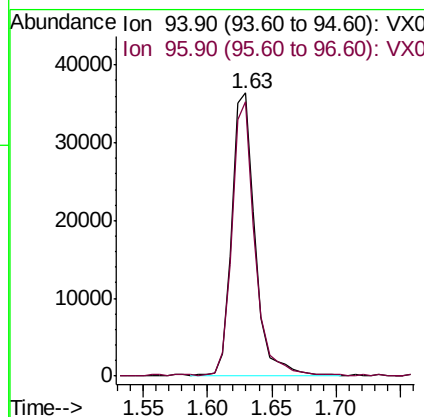
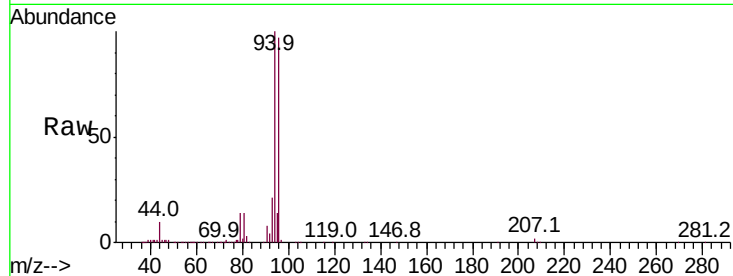




#5
Bromomethane
Concen: 23.116 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

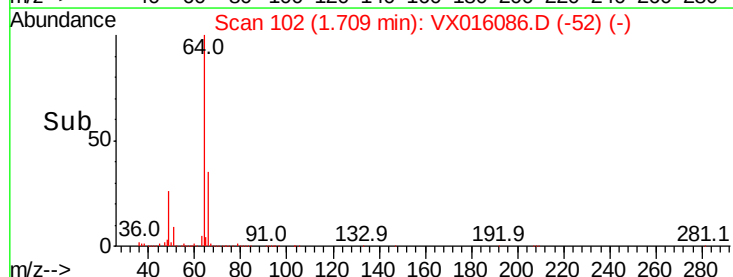
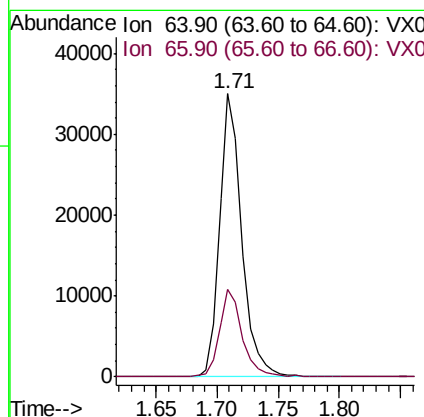
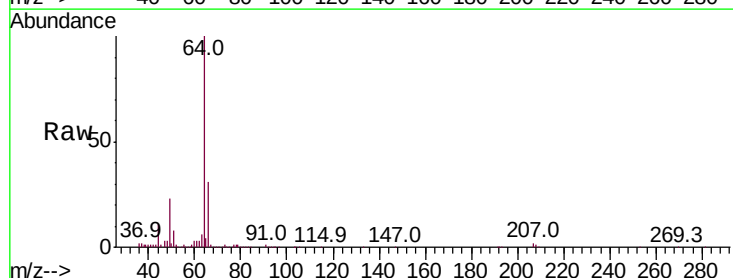
Instrument :
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VX0507WBSD01

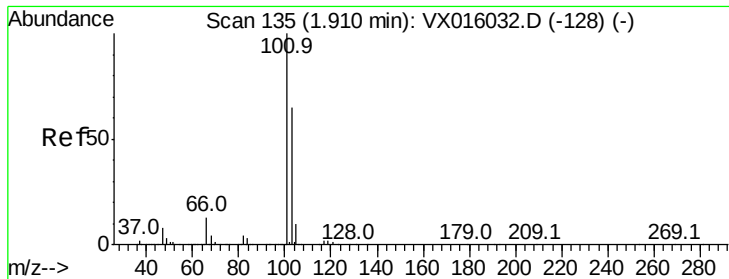
Tot Ion: 94 Resp: 46032
Ion Ratio Lower Upper
94 100
96 96.6 76.9 115.3



#6
Chloroethane
Concen: 18.485 ug/l
RT: 1.71 min Scan# 102
Delta R.T. 0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion: 64 Resp: 44426
Ion Ratio Lower Upper
64 100
66 30.8 25.2 37.8



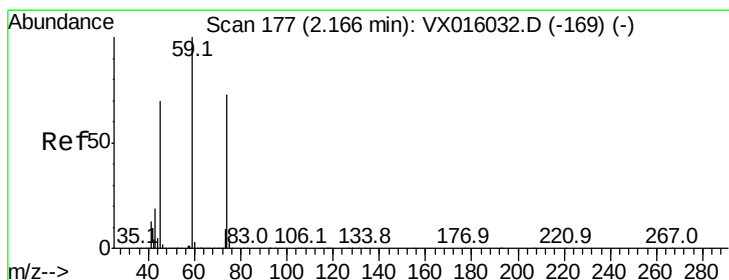
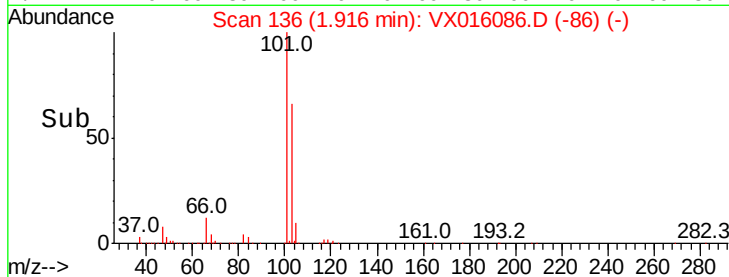
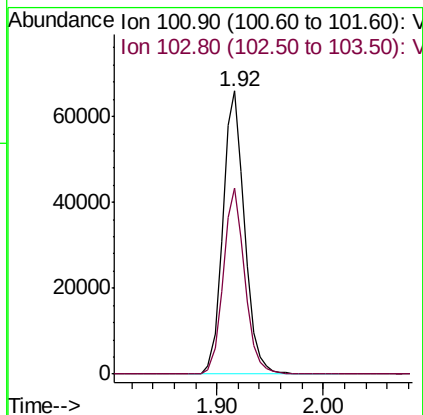
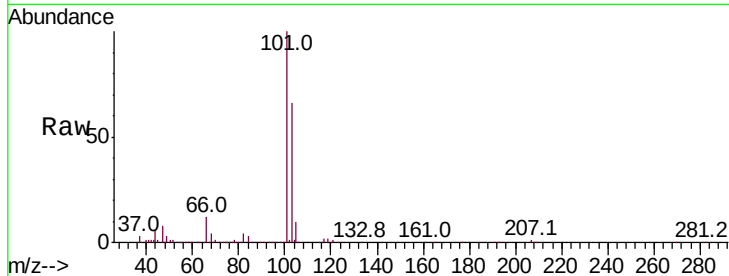


#7

Trichlorofluoromethane
Concen: 18.070 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

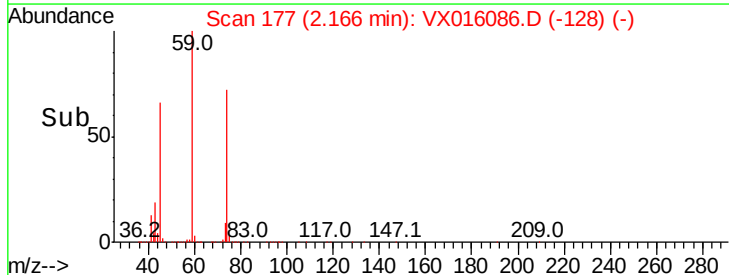
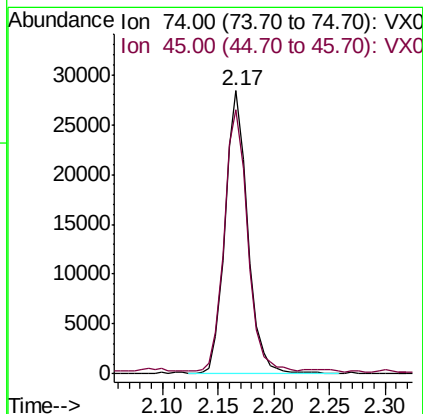
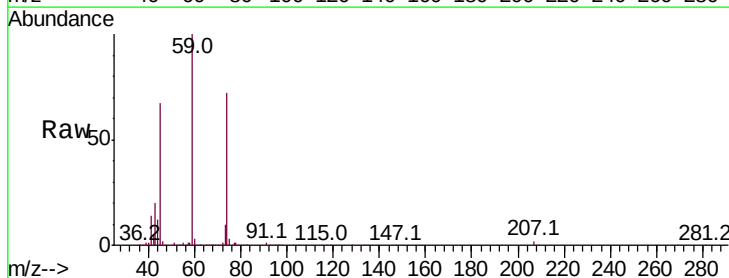
Tot Ion:101 Resp: 93707
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.6

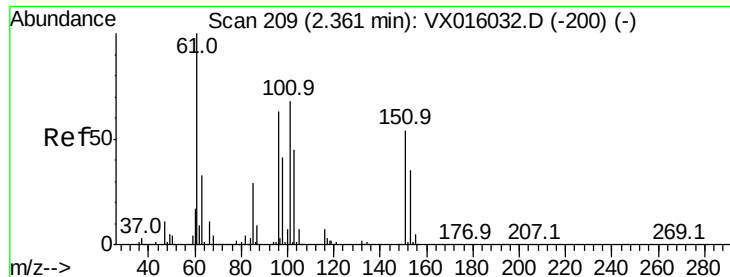


#8

Diethyl Ether
Concen: 18.078 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion: 74 Resp: 39500
Ion Ratio Lower Upper
74 100
45 95.7 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.017 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

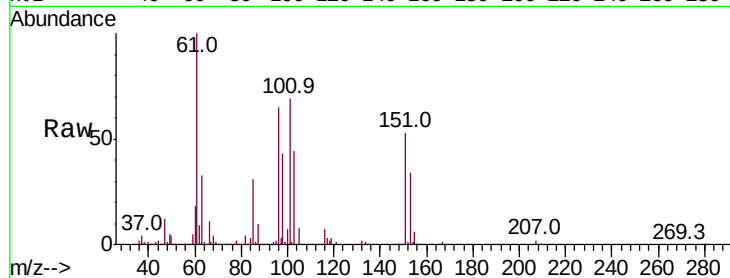
Tot Ion:101 Resp: 56896

Ion Ratio Lower Upper

101 100

85 44.7 34.2 51.4

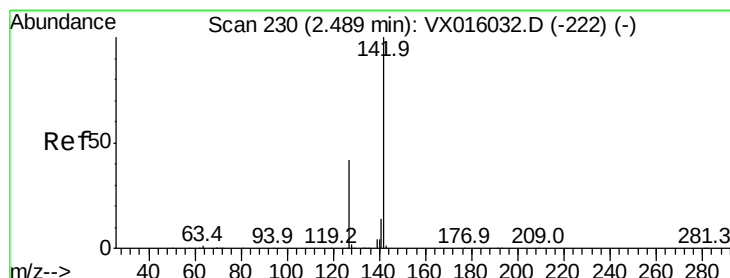
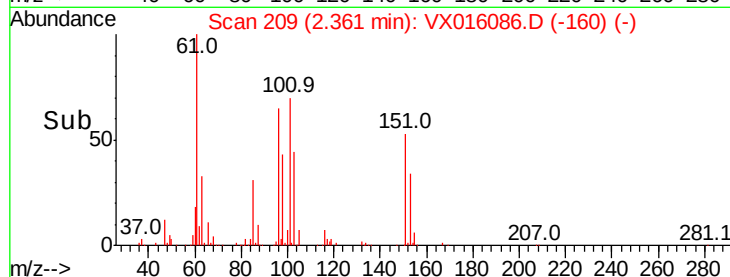
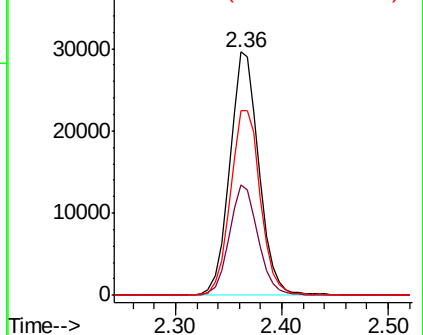
151 78.3 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.268 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

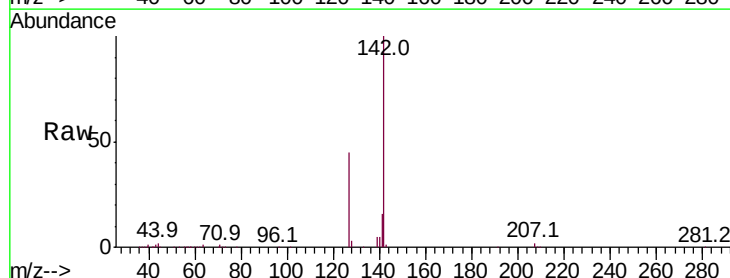
Tgt Ion:142 Resp: 69395

Ion Ratio Lower Upper

142 100

127 43.5 34.6 52.0

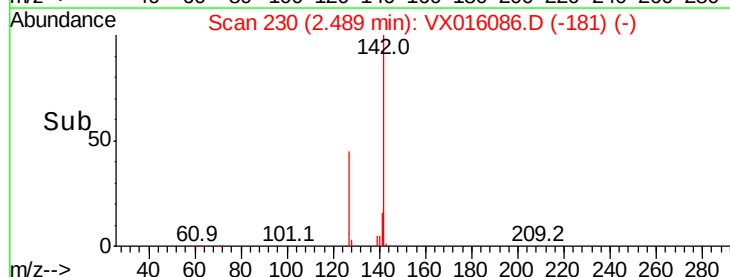
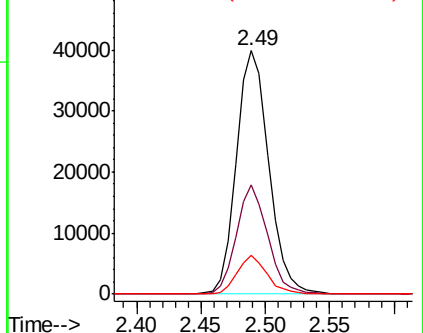
141 14.7 11.3 16.9

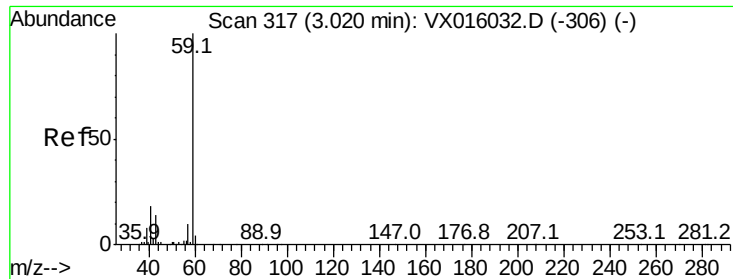


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



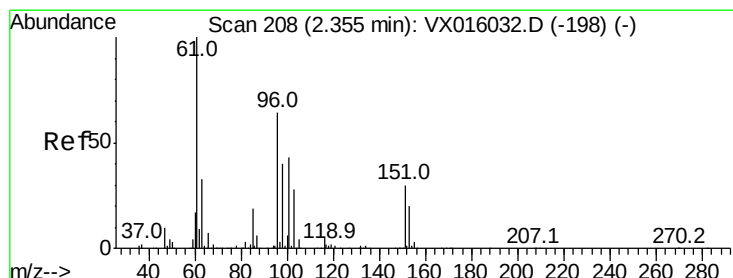
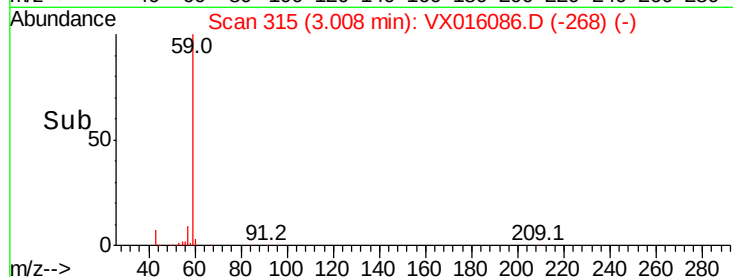
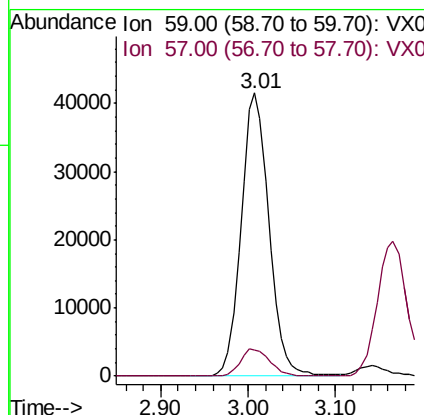
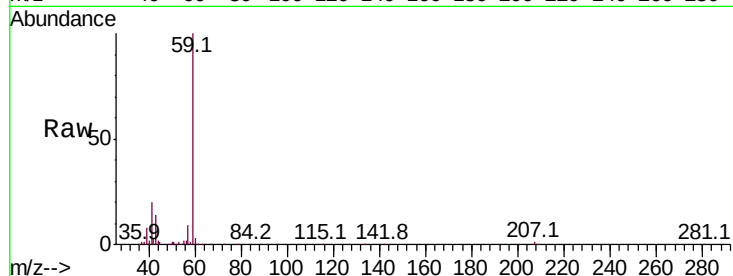


#11

Tert butyl alcohol
 Concen: 91.665 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

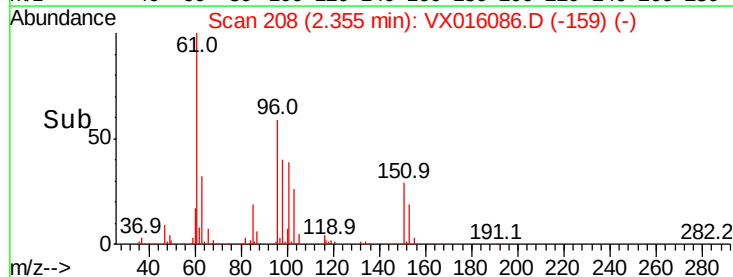
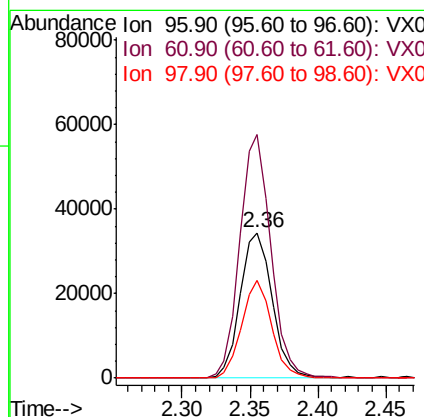
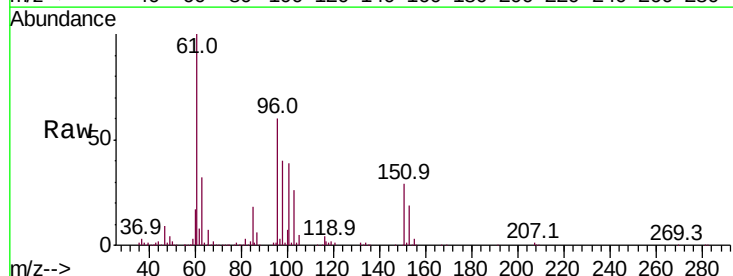
Tot Ion: 59 Resp: 91869
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

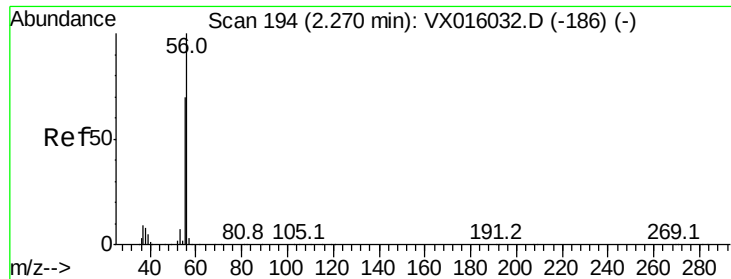


#12

1,1-Dichloroethene
 Concen: 17.884 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion: 96 Resp: 55992
 Ion Ratio Lower Upper
 96 100
 61 168.5 124.8 187.2
 98 67.7 49.7 74.5





#13

Acrolein

Concen: 77.189 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

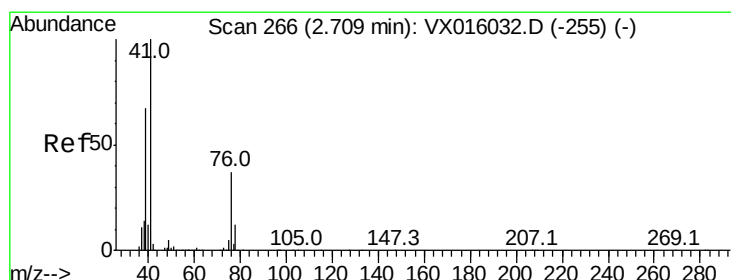
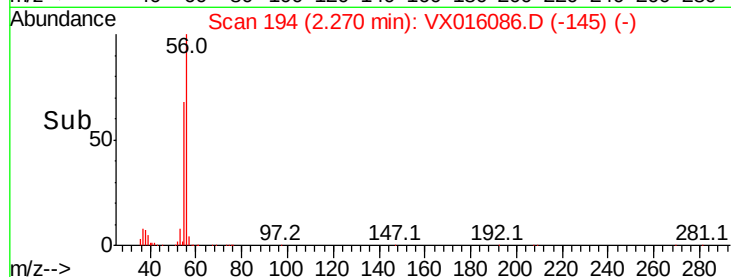
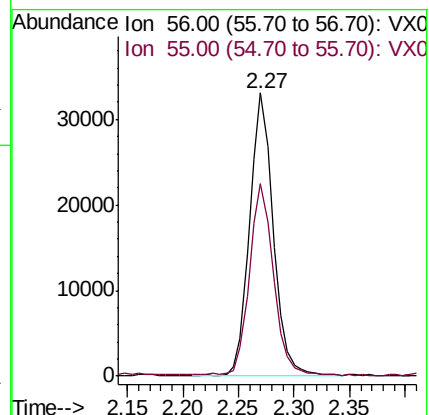
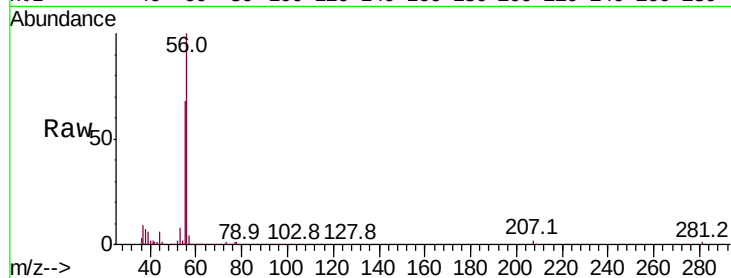
VX0507WBSD01

Tot Ion: 56 Resp: 48410

Ion Ratio Lower Upper

56 100

55 69.6 56.5 84.7



#14

Allyl chloride

Concen: 18.483 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

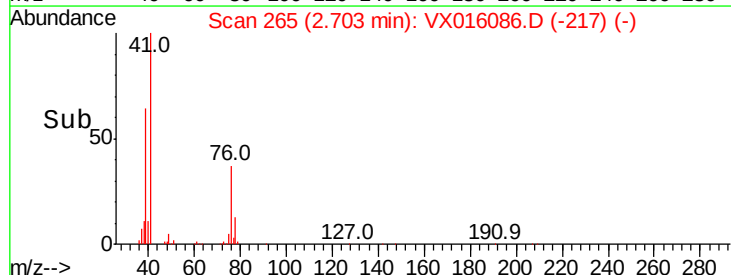
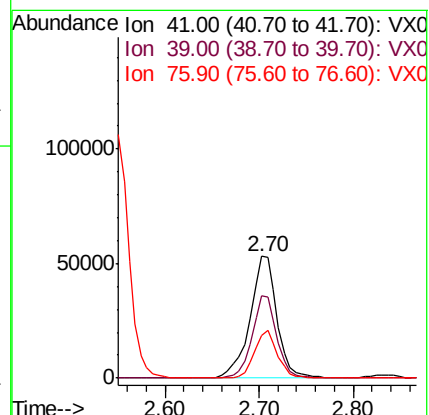
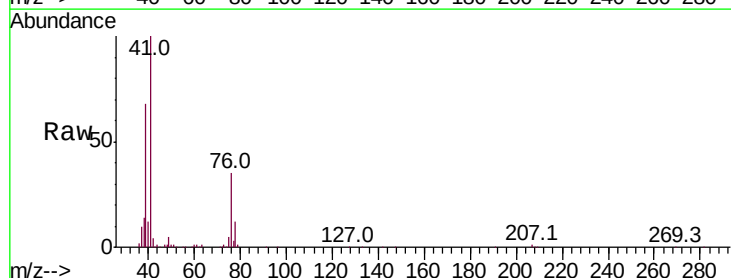
Tgt Ion: 41 Resp: 106105

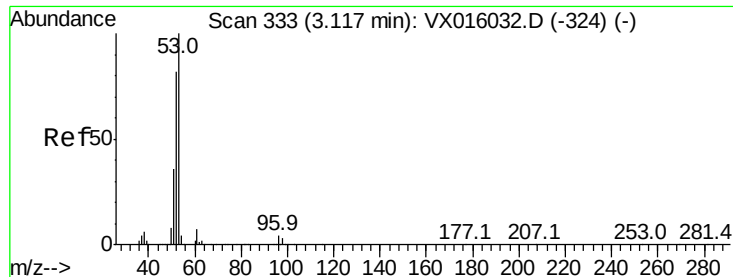
Ion Ratio Lower Upper

41 100

39 61.5 50.5 75.7

76 33.5 26.6 40.0





#15

Acrylonitrile

Concen: 93.090 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

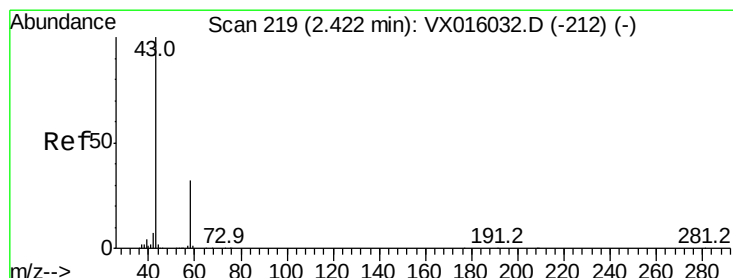
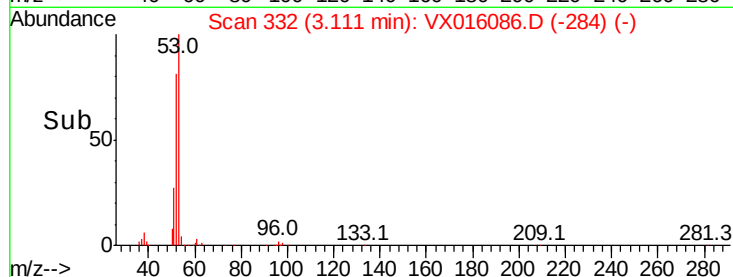
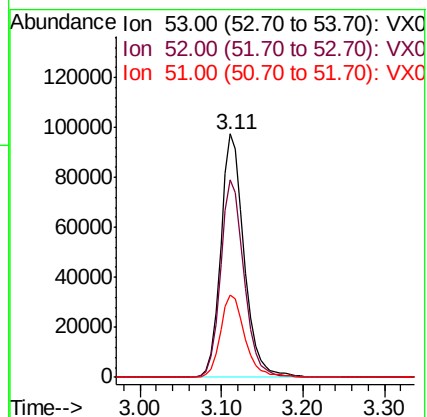
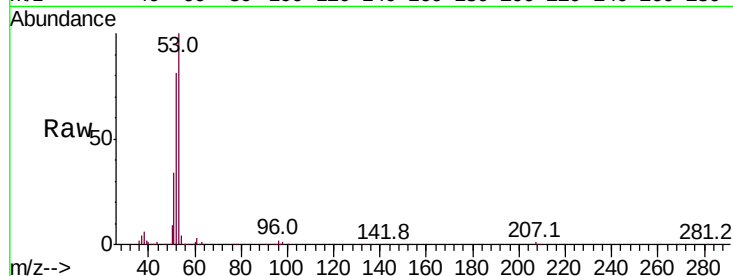
Tot Ion: 53 Resp: 193546

Ion Ratio Lower Upper

53 100

52 81.8 66.1 99.1

51 35.4 28.8 43.2



#16

Acetone

Concen: 91.986 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016086.D

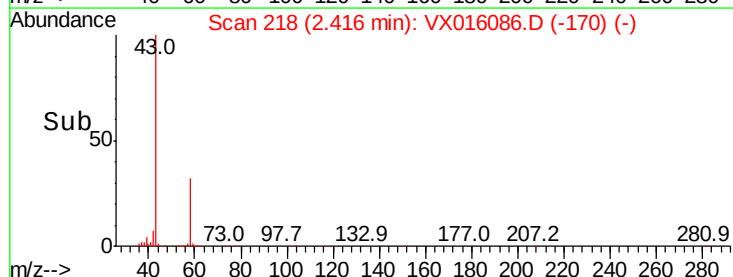
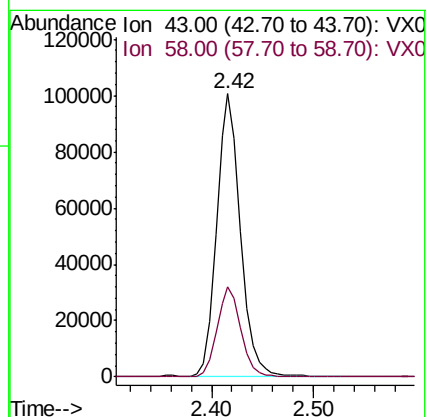
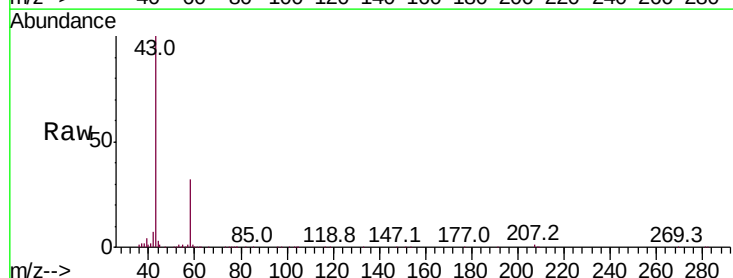
Acq: 07 May 2020 11:34

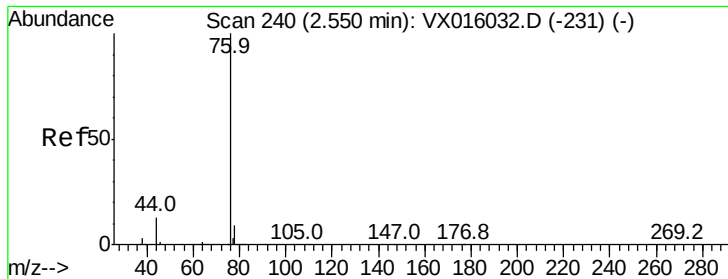
Tgt Ion: 43 Resp: 162668

Ion Ratio Lower Upper

43 100

58 31.9 25.4 38.0





#17

Carbon Disulfide

Concen: 18.241 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

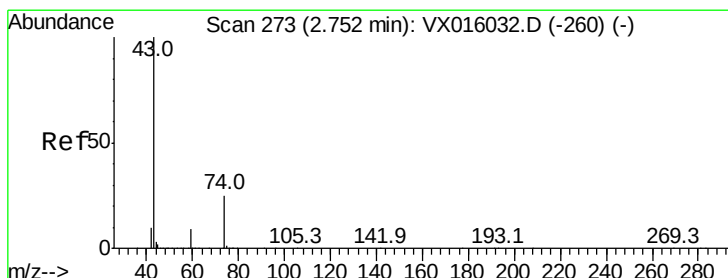
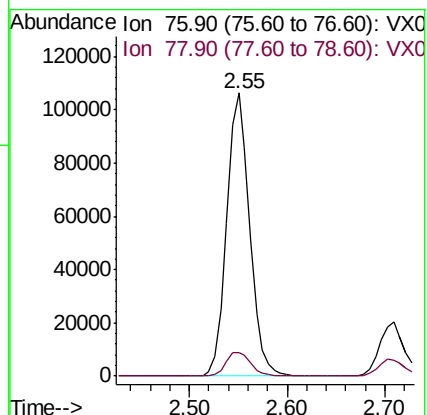
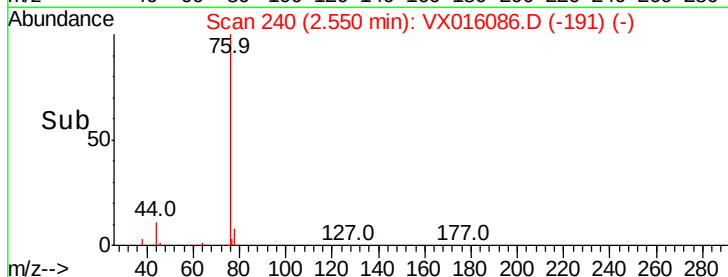
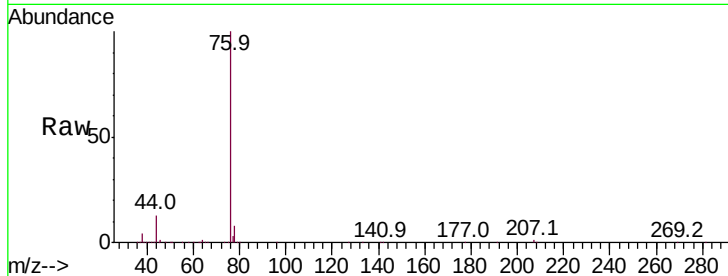
VX0507WBSD01

Tot Ion: 76 Resp: 172741

Ion Ratio Lower Upper

76 100

78 8.2 7.5 11.3



#18

Methyl Acetate

Concen: 19.613 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016086.D

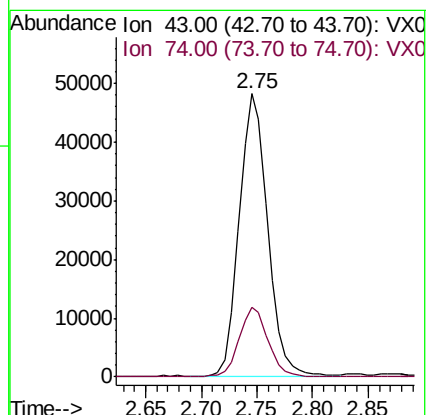
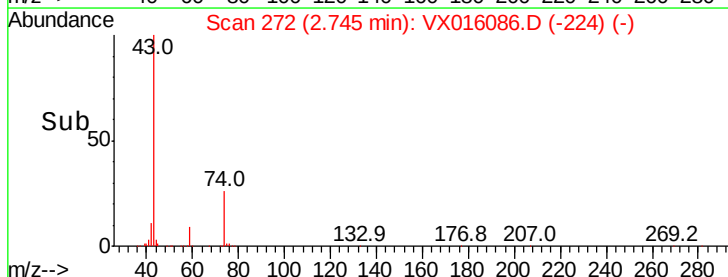
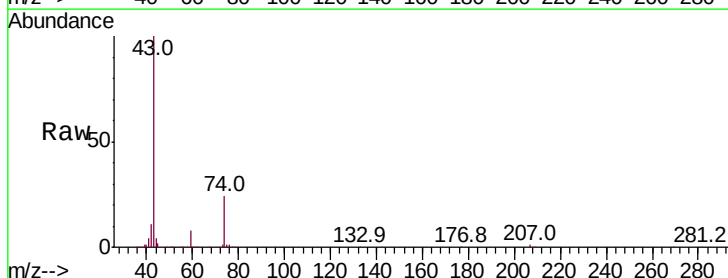
Acq: 07 May 2020 11:34

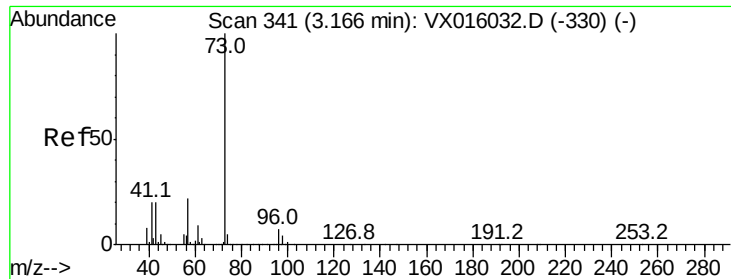
Tgt Ion: 43 Resp: 85277

Ion Ratio Lower Upper

43 100

74 25.4 20.2 30.2



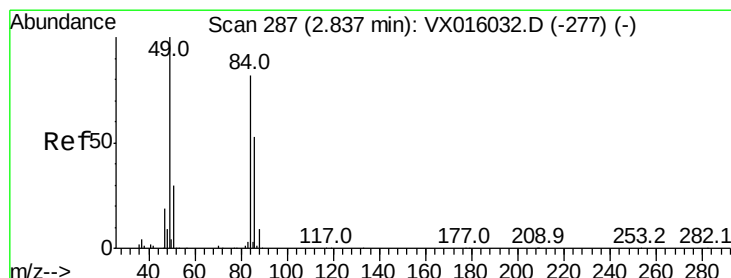
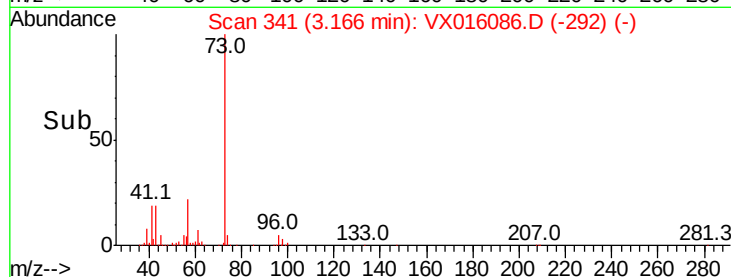
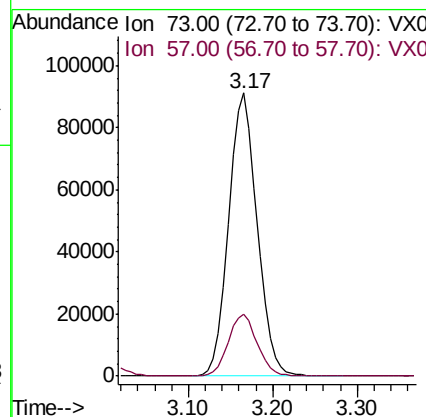
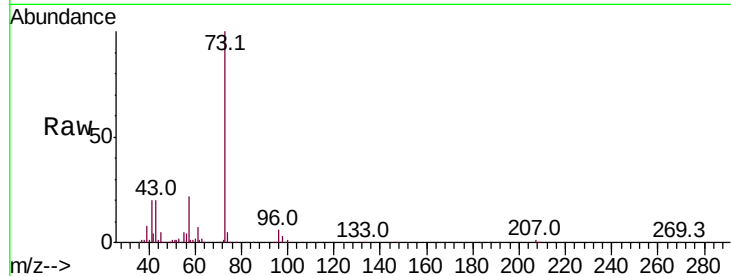


#19

Methyl tert-butyl Ether
 Concen: 19.400 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

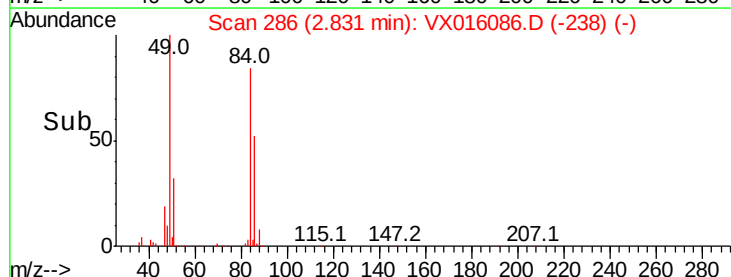
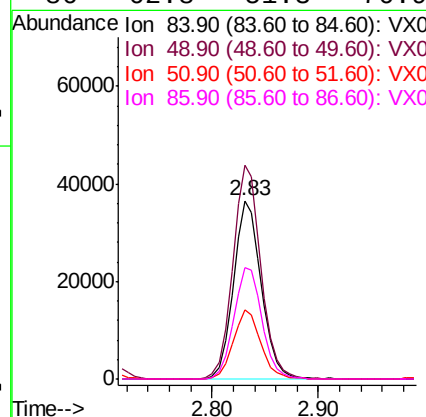
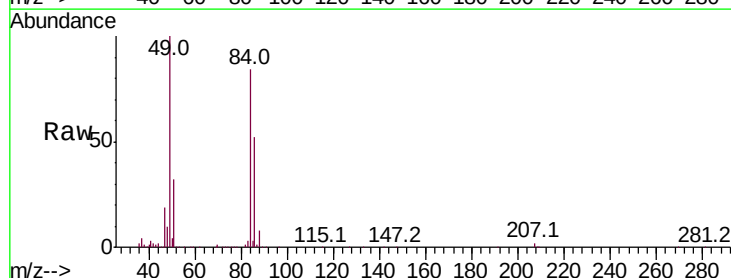
Tot Ion: 73 Resp: 209385
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.8 26.6

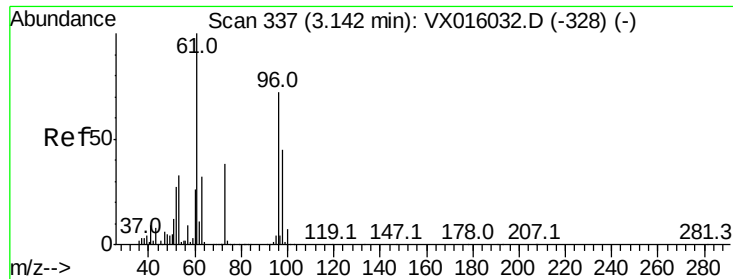


#20

Methylene Chloride
 Concen: 18.305 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion: 84 Resp: 66732
 Ion Ratio Lower Upper
 84 100
 49 119.7 97.3 145.9
 51 38.6 29.3 43.9
 86 62.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.622 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

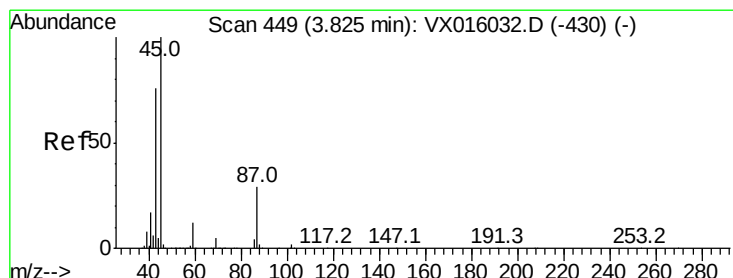
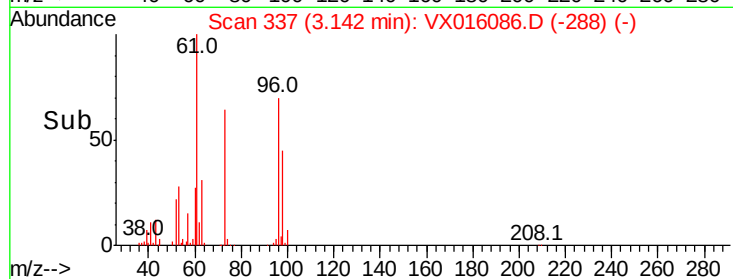
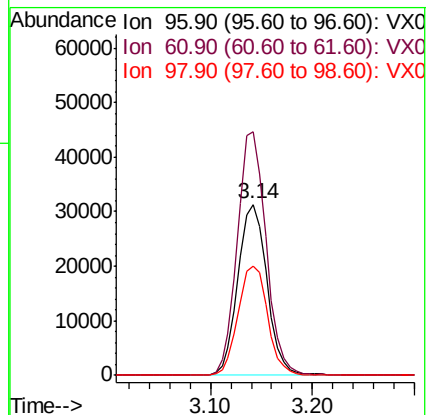
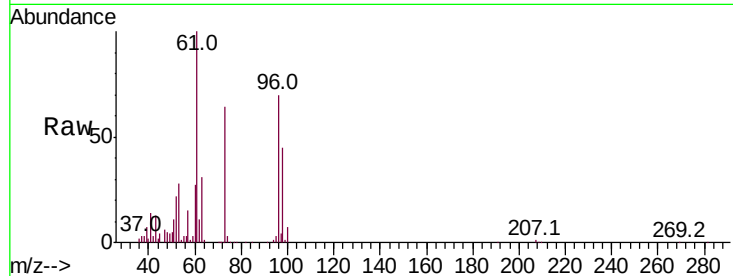
Tot Ion: 96 Resp: 61483

Ion Ratio Lower Upper

96 100

61 142.8 111.2 166.8

98 64.4 50.2 75.4



#22

Diisopropyl ether

Concen: 19.296 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Tgt Ion: 45 Resp: 208974

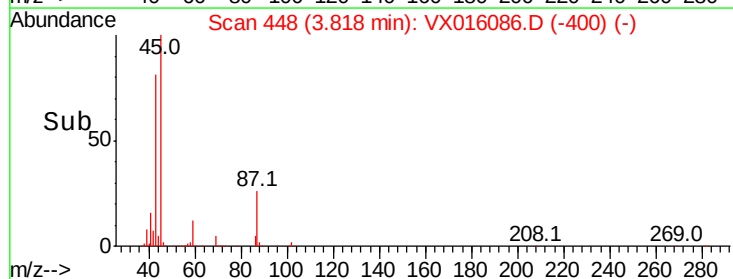
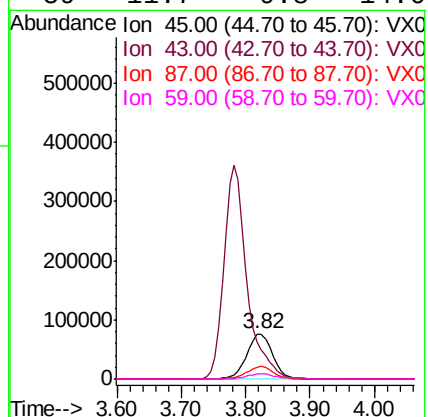
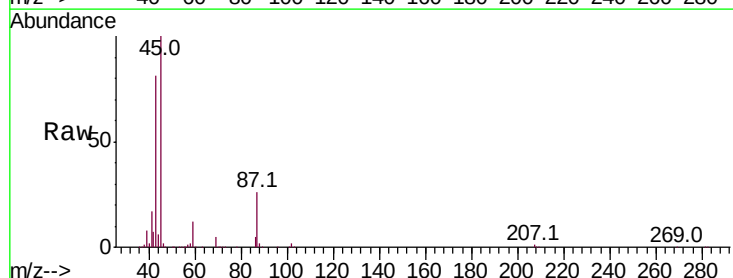
Ion Ratio Lower Upper

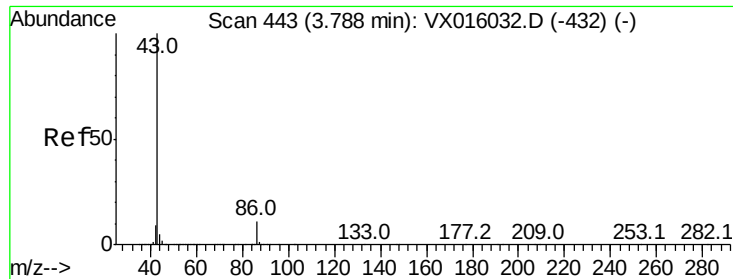
45 100

43 81.0 61.1 91.7

87 25.9 23.0 34.6

59 11.7 9.8 14.6





#23

Vinyl Acetate

Concen: 95.212 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

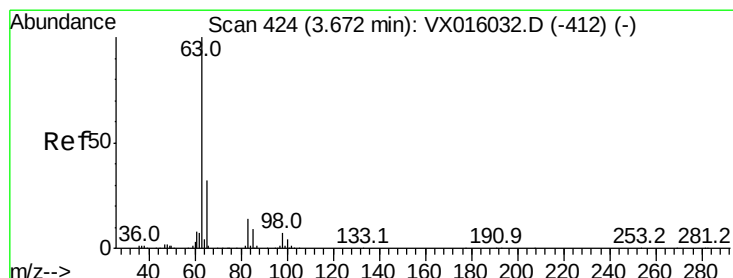
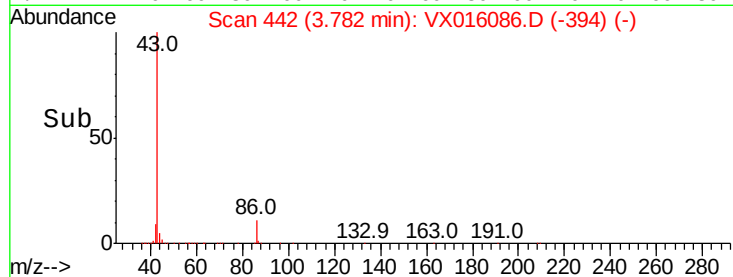
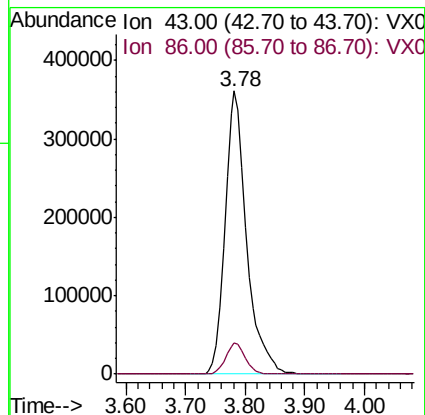
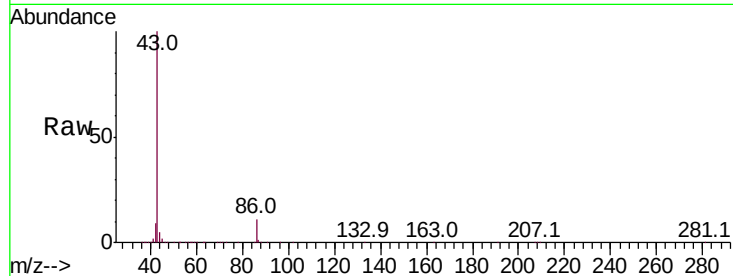
VX0507WBSD01

Tot Ion: 43 Resp: 907196

Ion Ratio Lower Upper

43 100

86 10.9 9.0 13.4



#24

1,1-Dichloroethane

Concen: 18.720 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

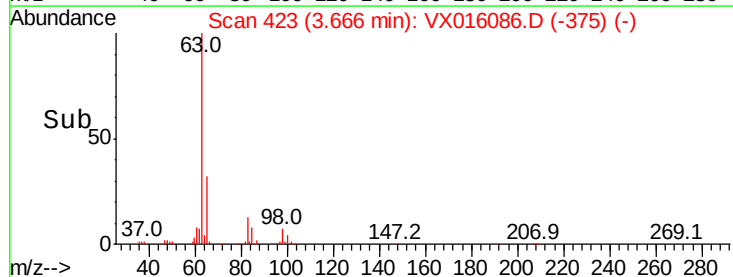
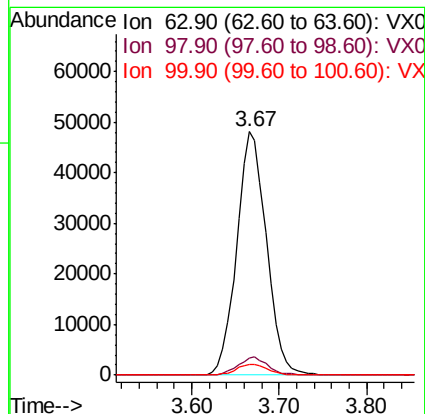
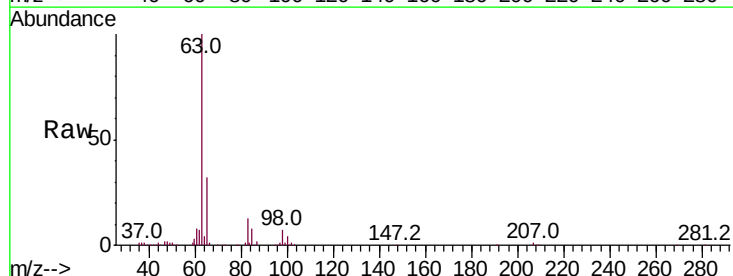
Tgt Ion: 63 Resp: 113411

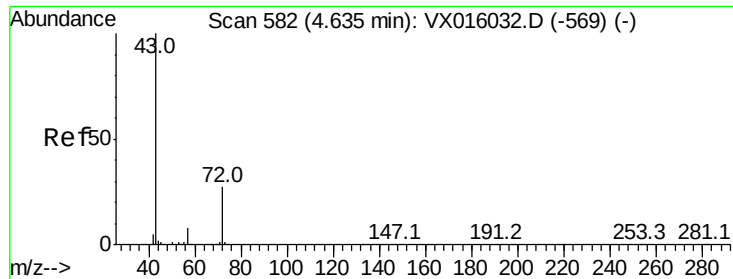
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 94.126 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

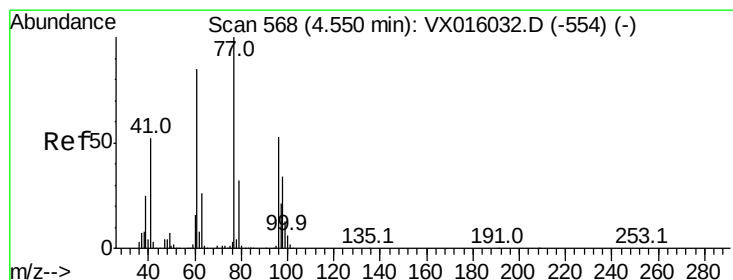
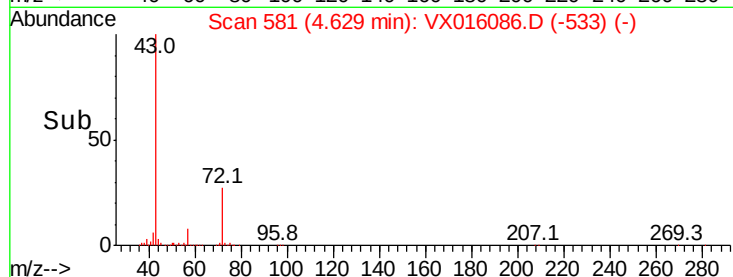
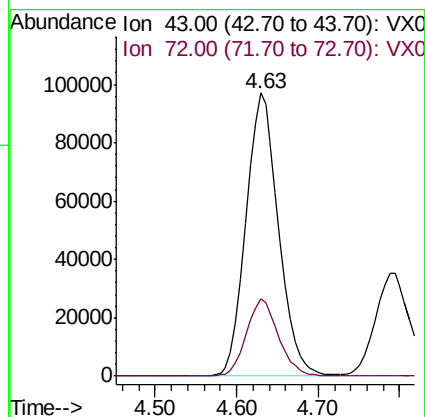
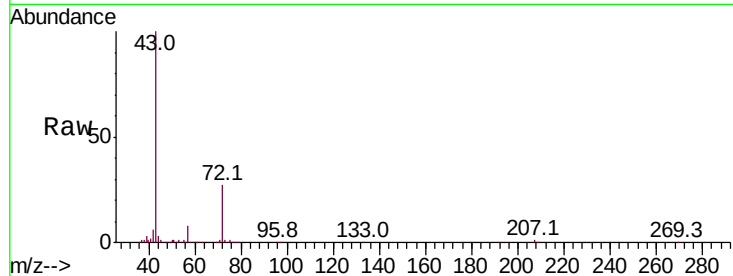
VX0507WBSD01

Tot Ion: 43 Resp: 268224

Ion Ratio Lower Upper

43 100

72 27.1 21.8 32.8



#26

2,2-Dichloropropane

Concen: 18.121 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016086.D

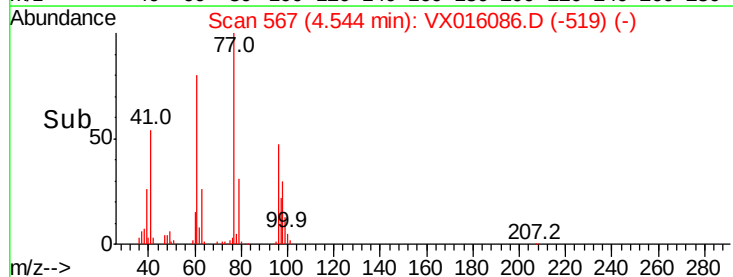
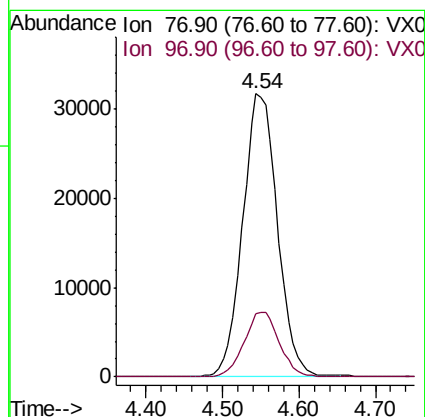
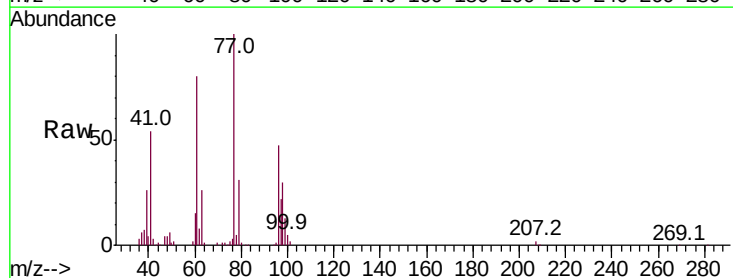
Acq: 07 May 2020 11:34

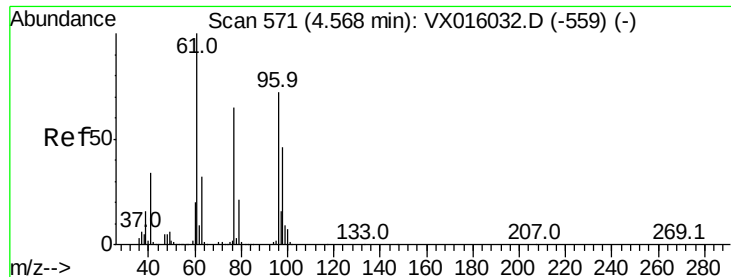
Tgt Ion: 77 Resp: 100258

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6



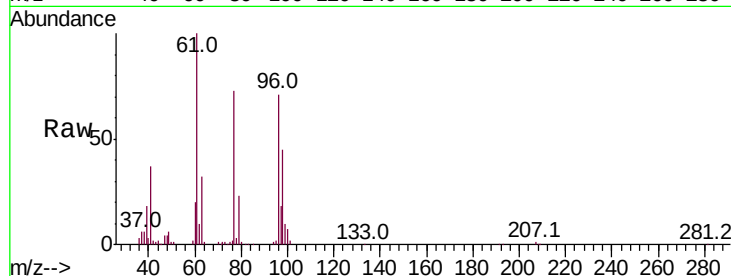


#27

cis-1,2-Dichloroethene
Concen: 18.699 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	296.2
98	64.1	0.0	129.4

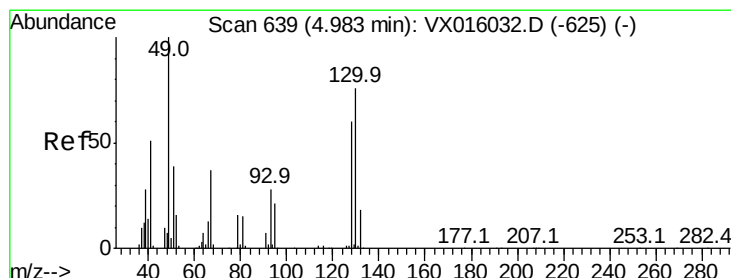
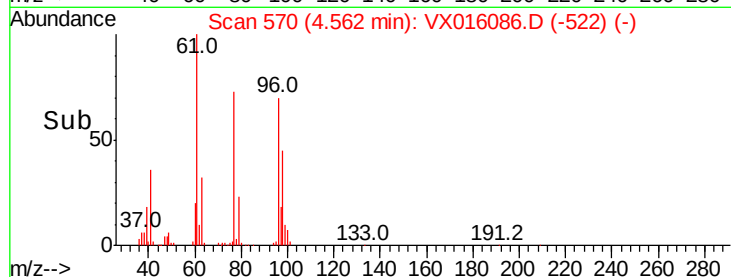
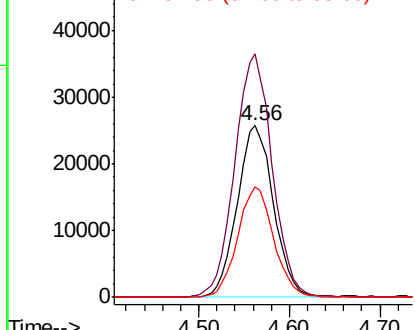


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

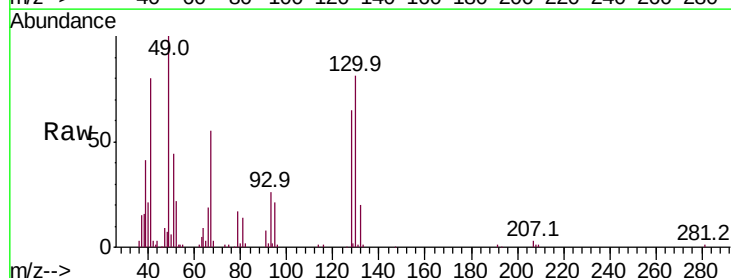
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 17.648 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	79.5	62.4	93.6

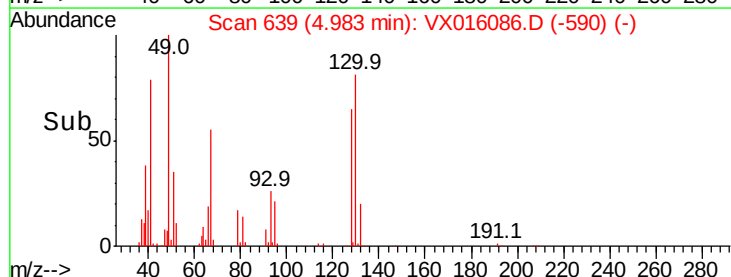
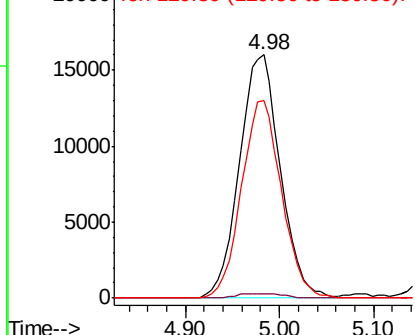


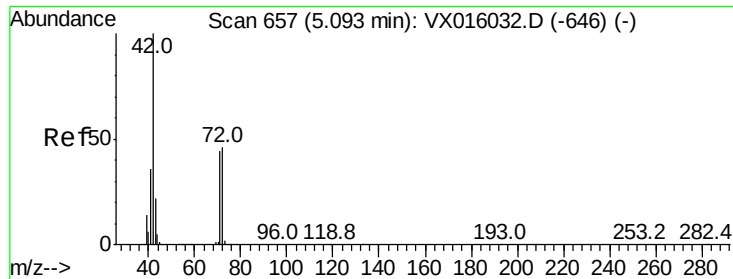
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 93.090 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

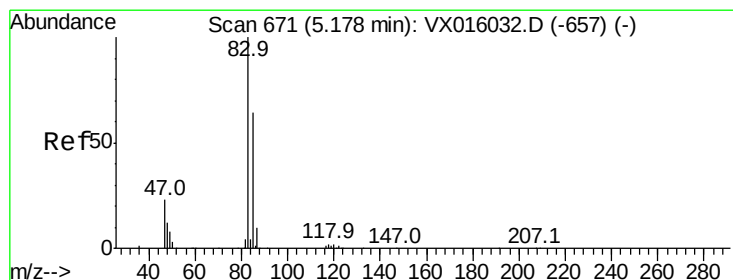
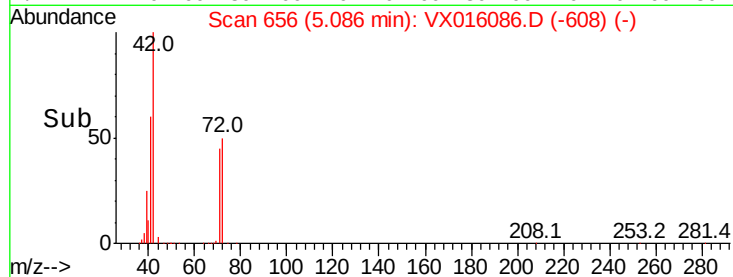
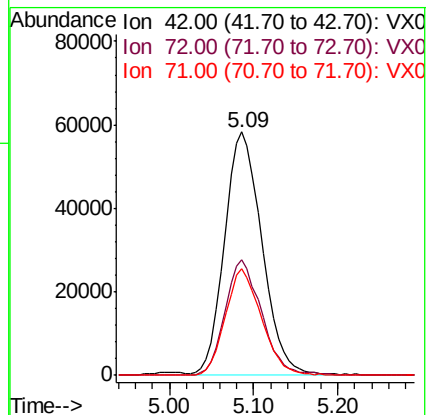
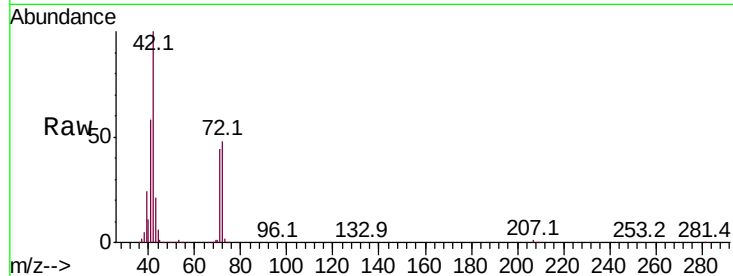
Tot Ion: 42 Resp: 175768

Ion Ratio Lower Upper

42 100

72 46.8 37.1 55.7

71 42.7 34.5 51.7



#30

Chloroform

Concen: 19.010 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016086.D

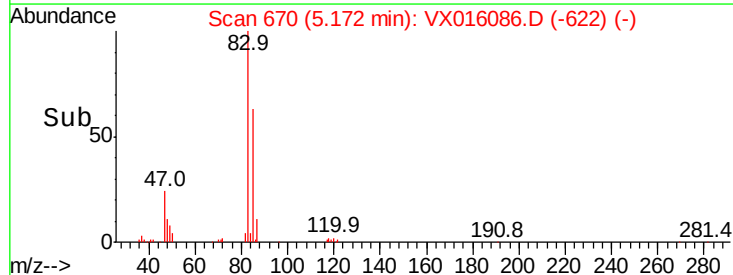
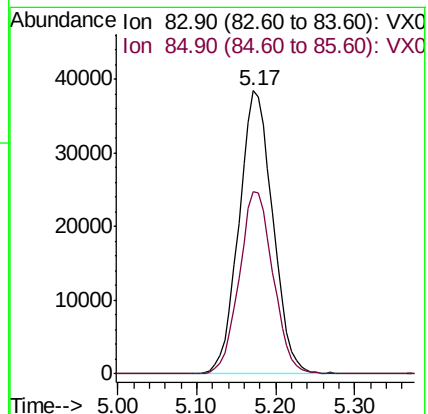
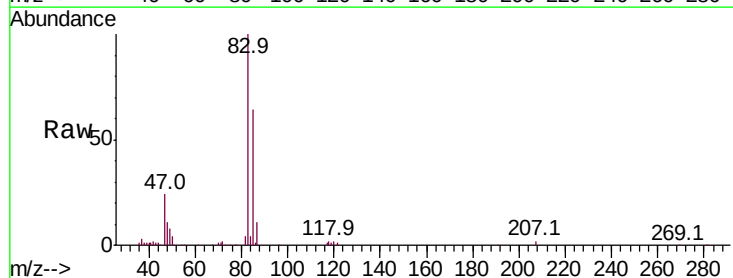
Acq: 07 May 2020 11:34

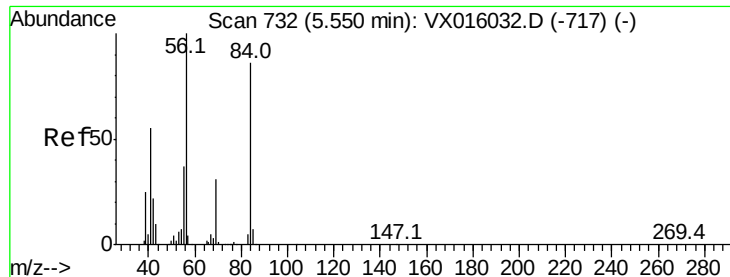
Tgt Ion: 83 Resp: 114670

Ion Ratio Lower Upper

83 100

85 64.2 51.6 77.4

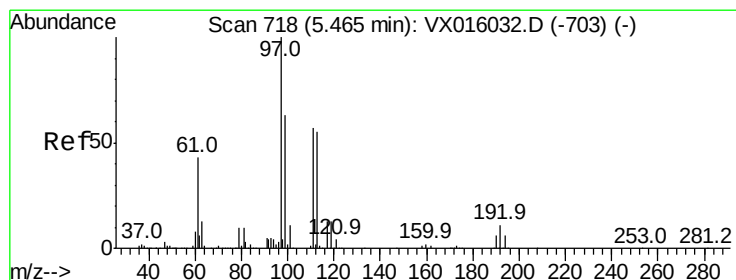
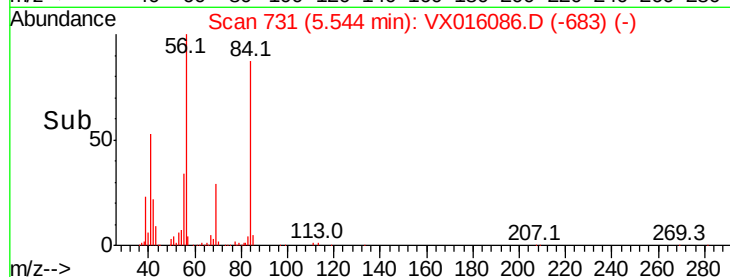
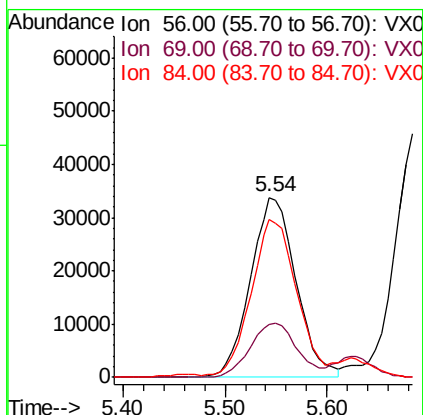
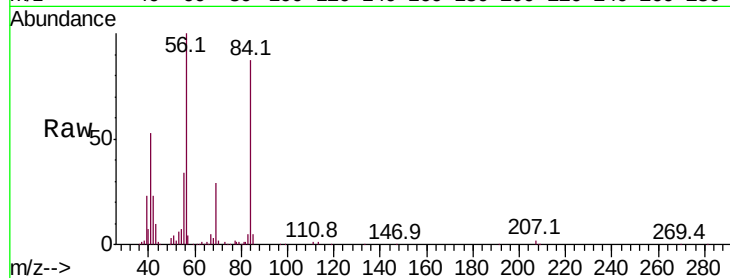




#31
Cyclohexane
Concen: 19.032 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

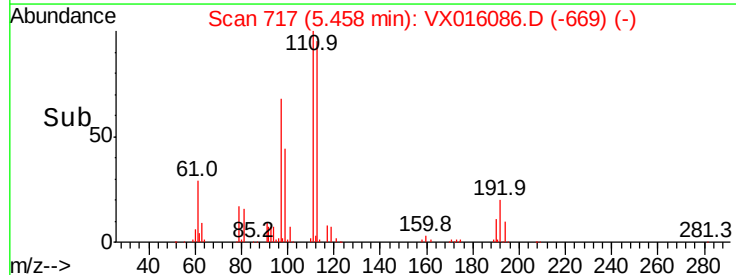
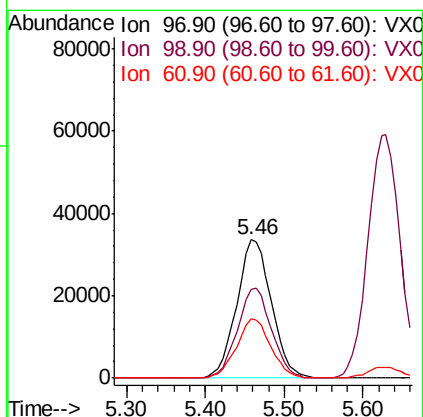
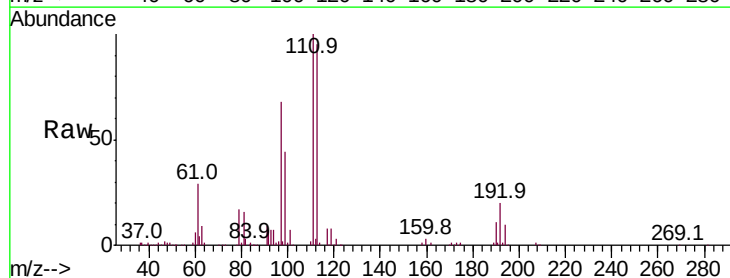
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

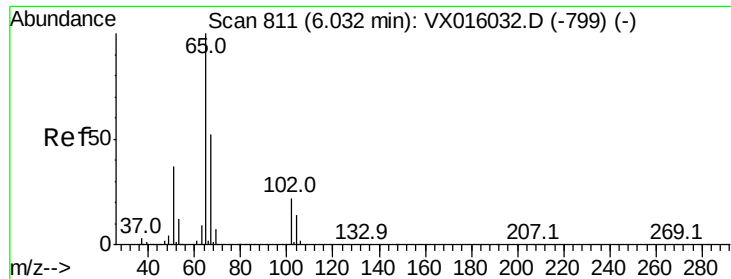
Tot Ion: 56 Resp: 104787
Ion Ratio Lower Upper
56 100
69 29.5 25.0 37.6
84 85.5 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.748 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion: 97 Resp: 102798
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 42.6 34.5 51.7

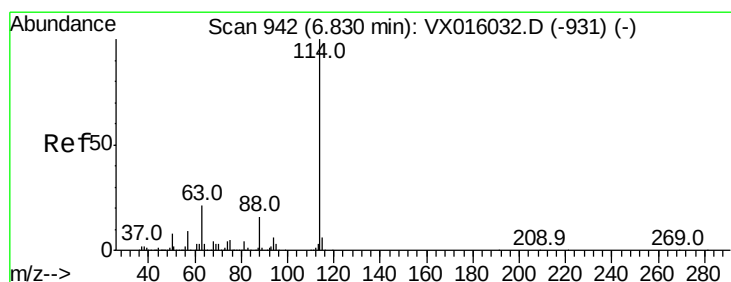
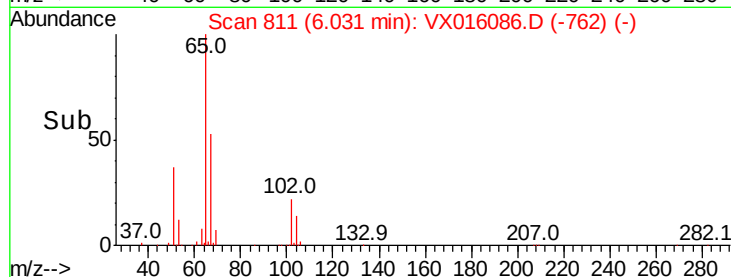
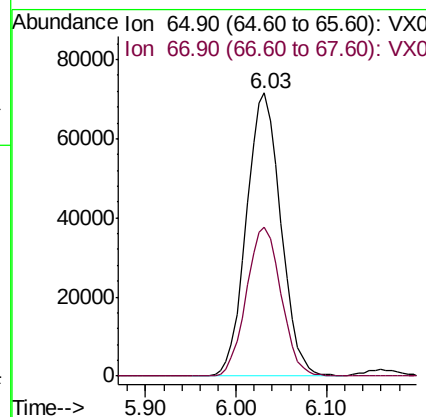
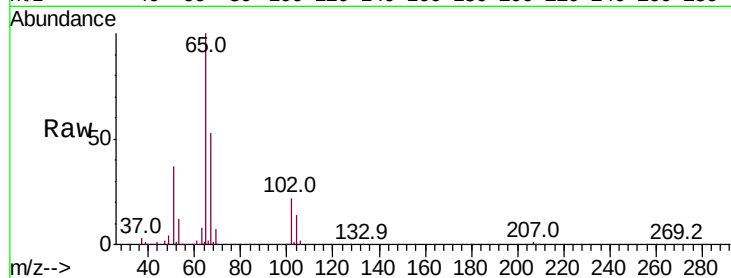




#33
 1,2-Dichloroethane-d4
 Concen: 47.416 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

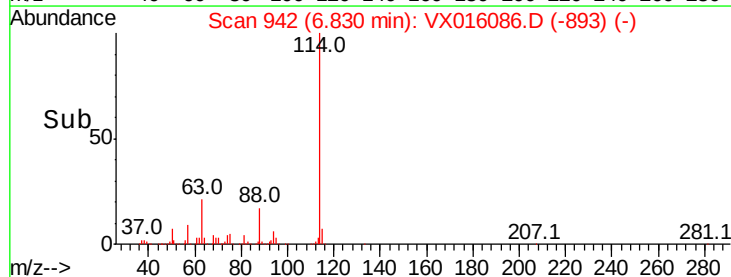
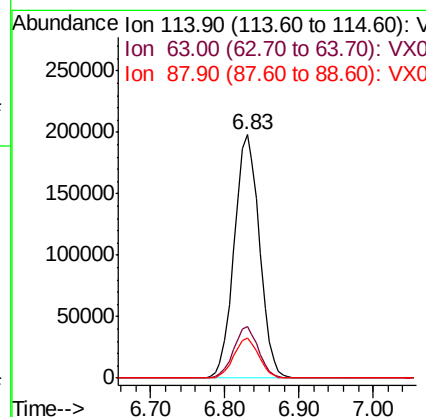
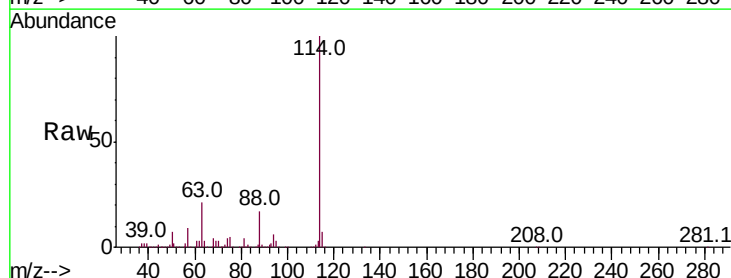
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

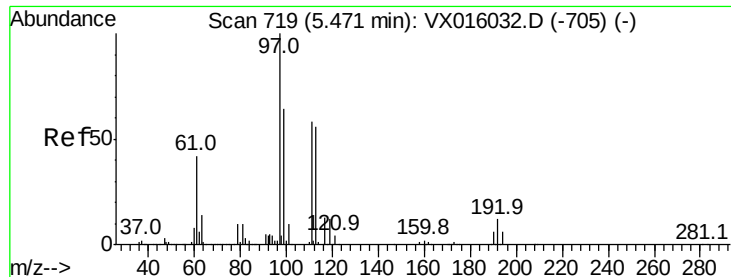
Tot Ion: 65 Resp: 187926
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion: 114 Resp: 470992
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 16.6 0.0 31.4

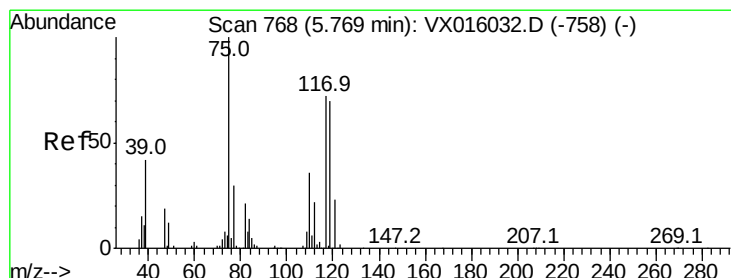
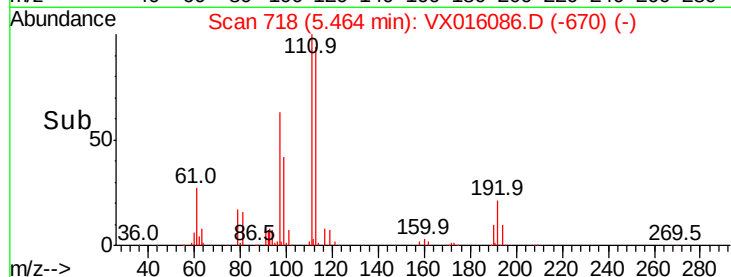
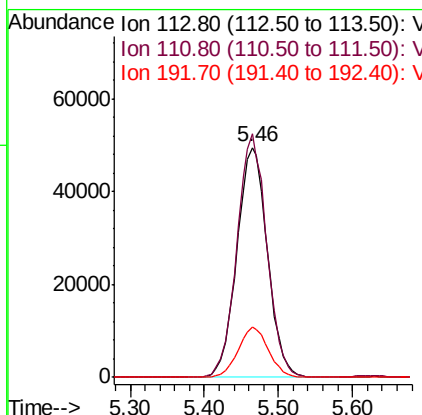
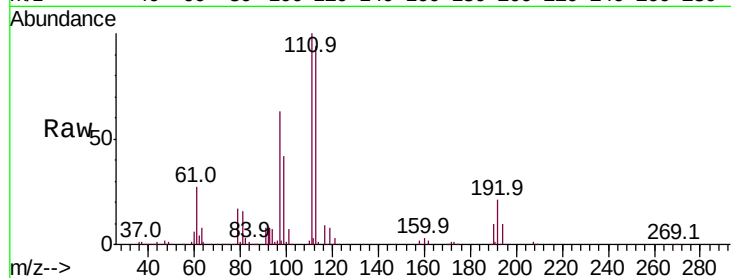




#35
 Dibromofluoromethane
 Concen: 47.789 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

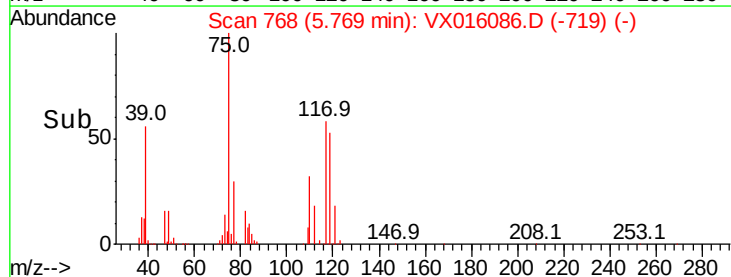
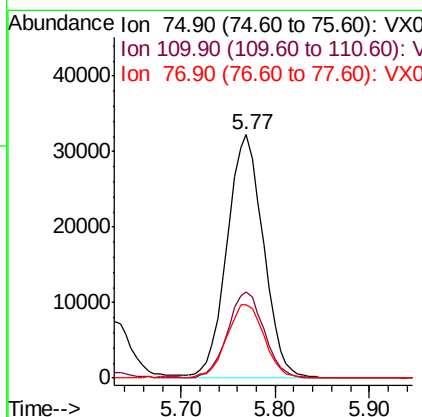
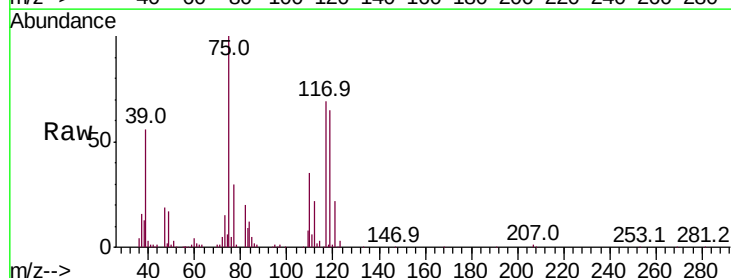
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

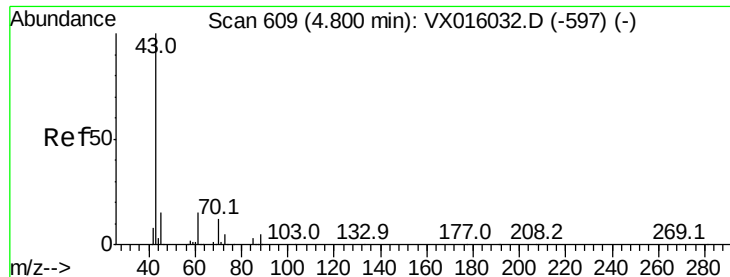
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.6	122.4
192	21.6	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 18.508 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.1
77	31.7	25.0	37.6

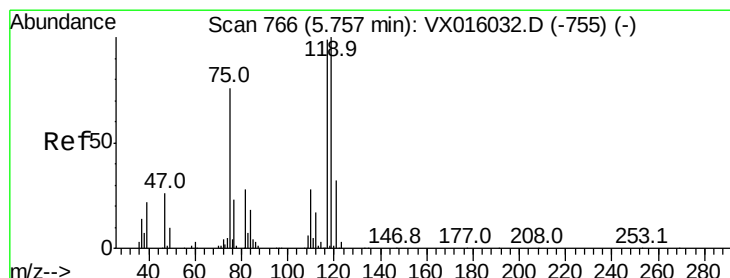
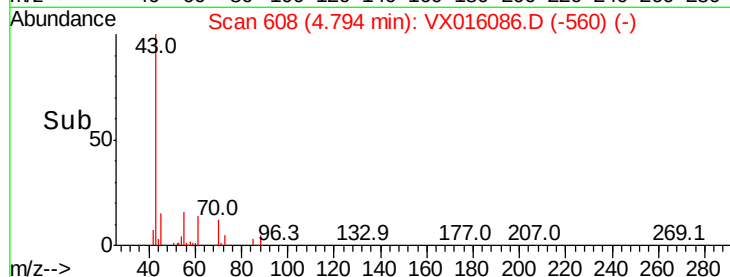
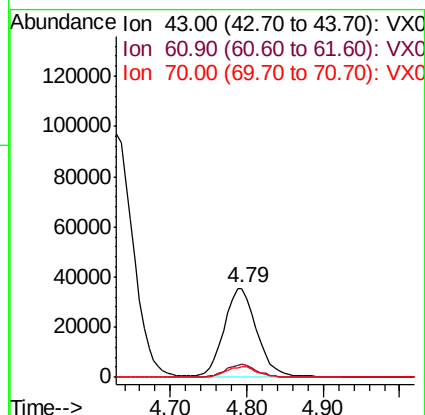
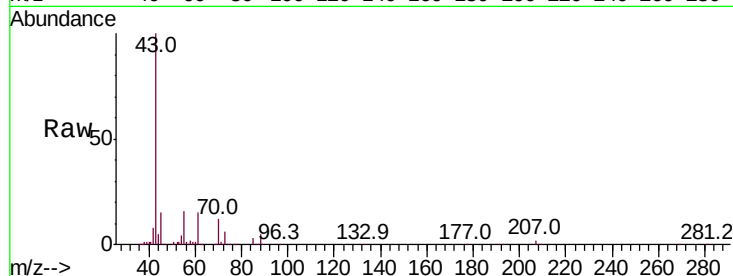




#37
Ethyl Acetate
Concen: 19.360 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

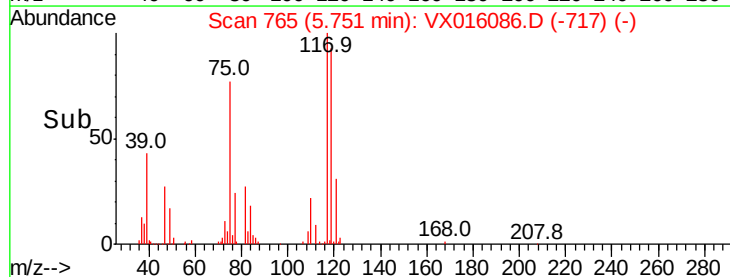
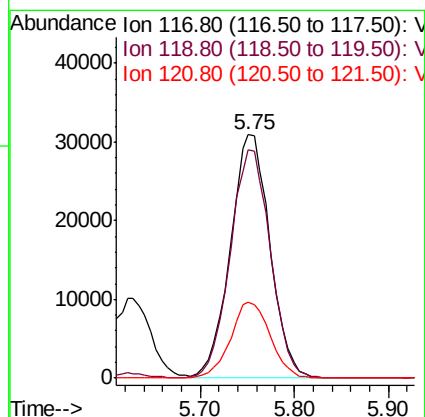
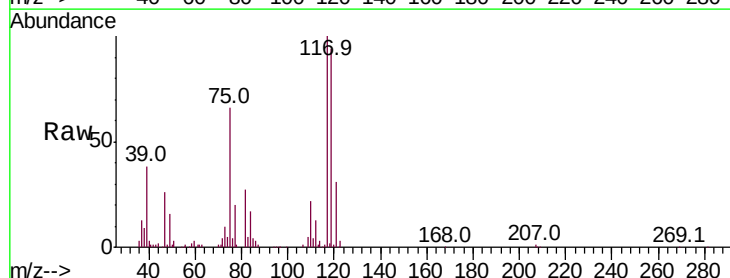
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

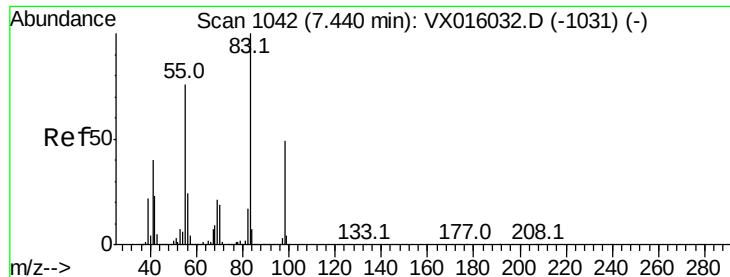
Tot Ion: 43 Resp: 104033
Ion Ratio Lower Upper
43 100
61 14.5 11.7 17.5
70 11.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 19.196 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion: 117 Resp: 90461
Ion Ratio Lower Upper
117 100
119 93.2 80.3 120.5
121 31.1 25.7 38.5

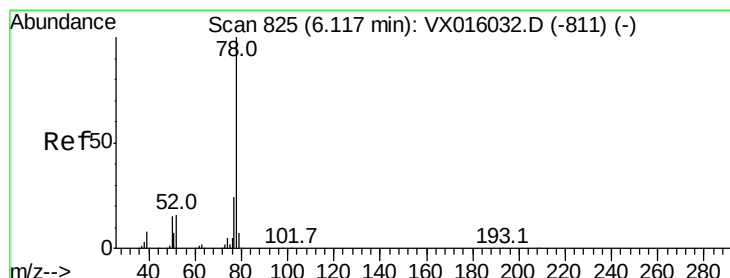
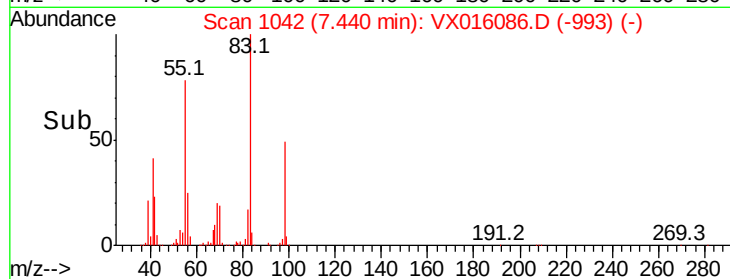
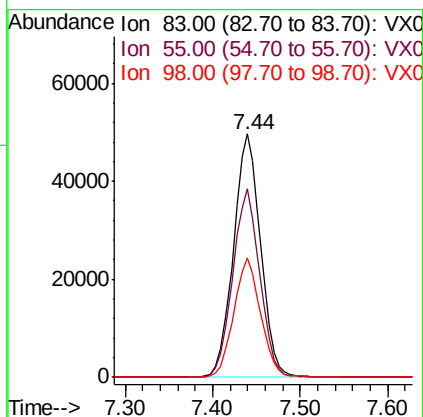
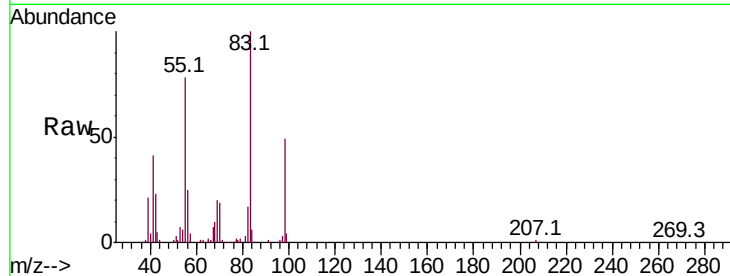




#39
 Methylvlcyclohexane
 Concen: 19.121 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

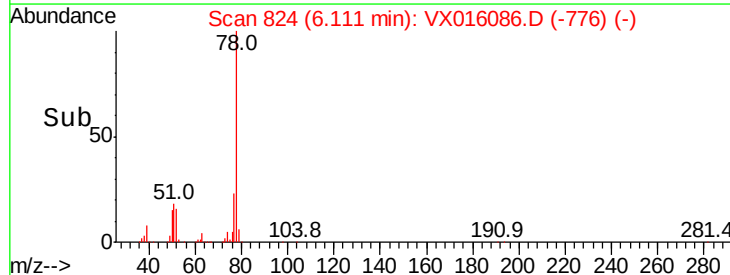
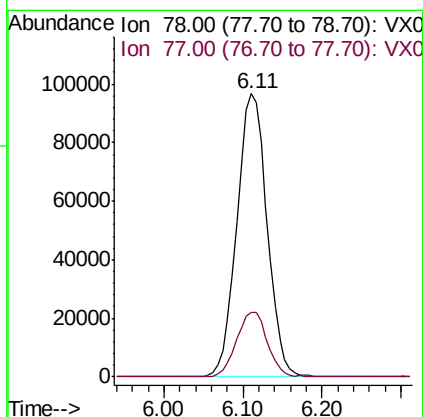
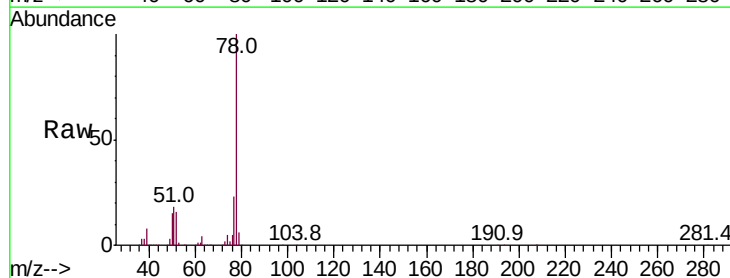
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

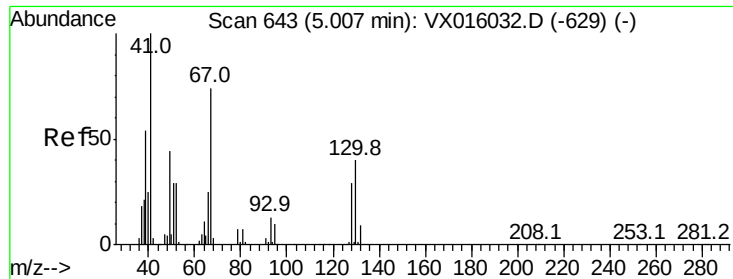
Tot Ion: 83 Resp: 106760
 Ion Ratio Lower Upper
 83 100
 55 77.7 61.1 91.7
 98 48.8 39.0 58.4



#40
 Benzene
 Concen: 18.965 ug/l
 RT: 6.11 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion: 78 Resp: 257267
 Ion Ratio Lower Upper
 78 100
 77 22.9 19.0 28.4

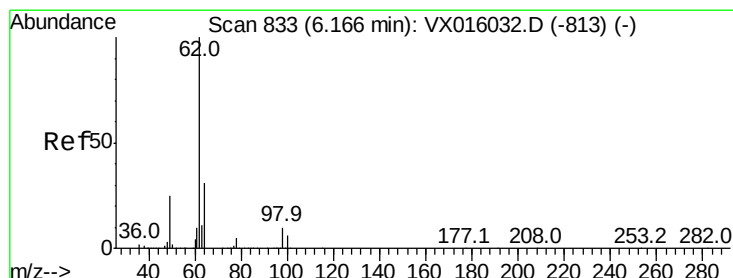
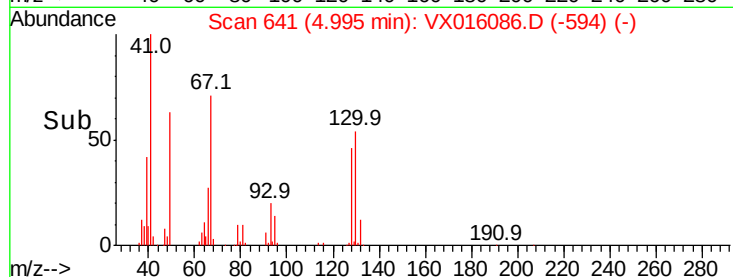
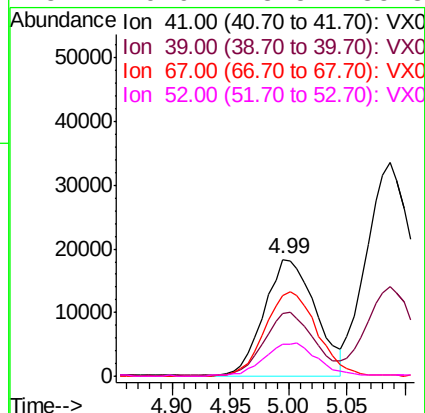
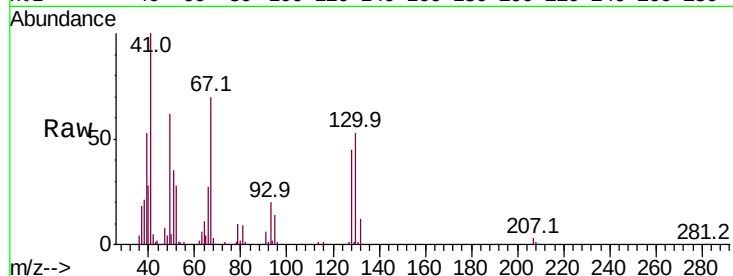




#41
Methacrylonitrile
Concen: 19.260 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

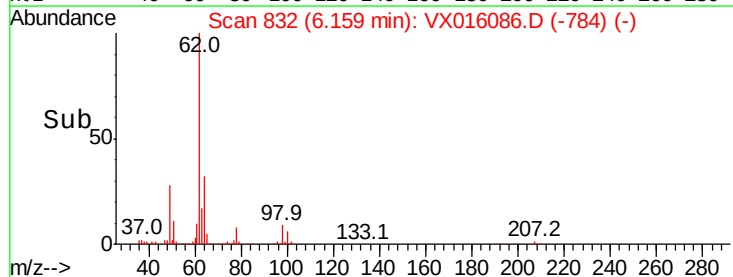
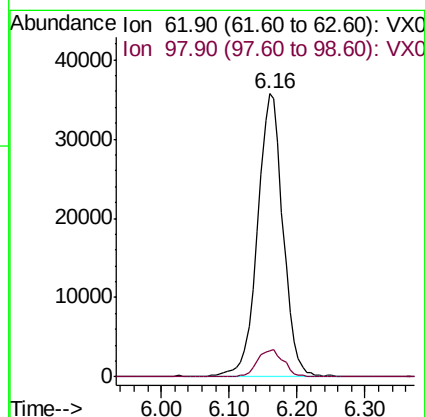
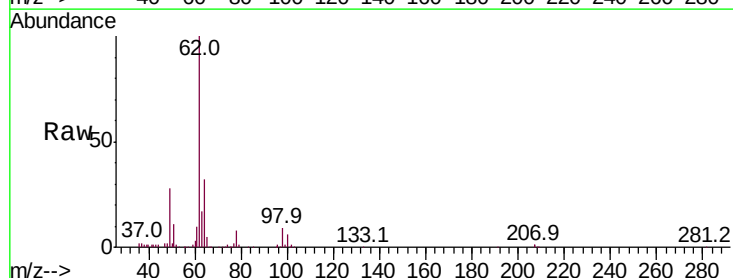
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

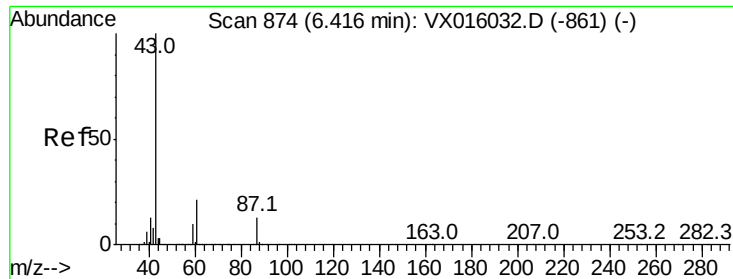
Tot Ion:	41	Resp:	55892
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.2	64.8
67	74.2	59.3	88.9
52	29.9	23.5	35.3



#42
1,2-Dichloroethane
Concen: 19.180 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion:	62	Resp:	93725
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





#43

Isopropyl Acetate

Concen: 19.204 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

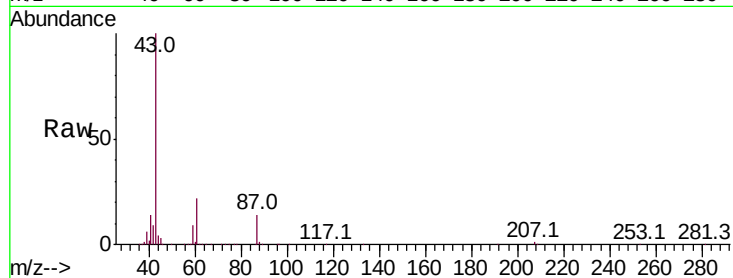
Tot Ion: 43 Resp: 164651

Ion Ratio Lower Upper

43 100

61 21.7 17.0 25.4

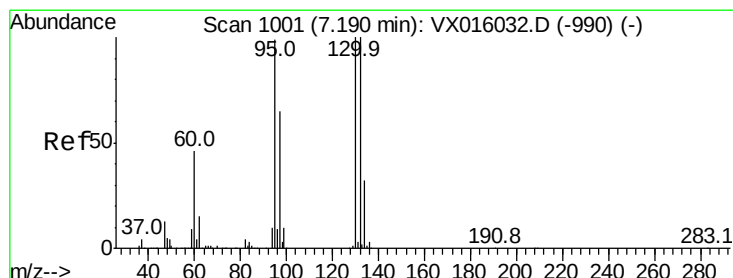
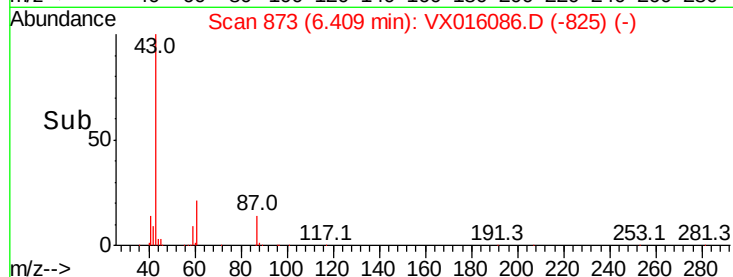
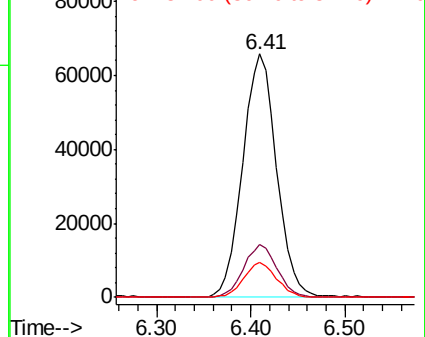
87 14.0 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.965 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016086.D

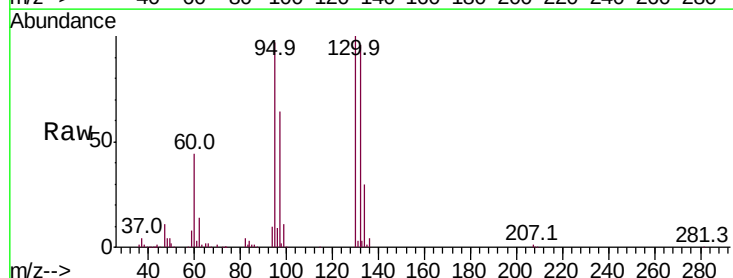
Acq: 07 May 2020 11:34

Tgt Ion:130 Resp: 96215

Ion Ratio Lower Upper

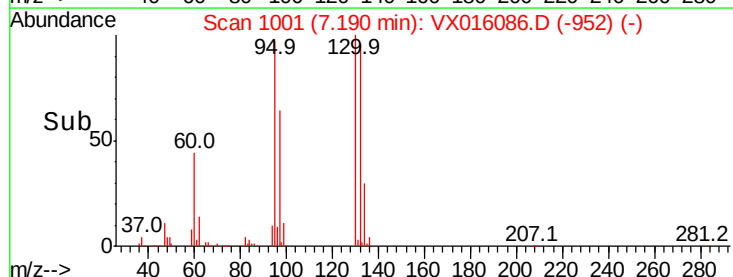
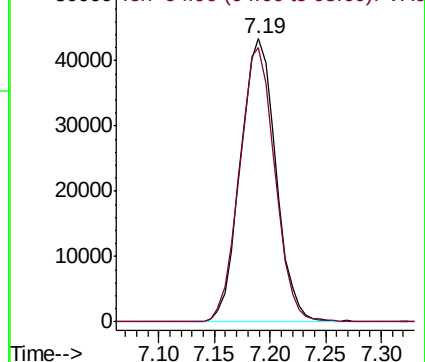
130 100

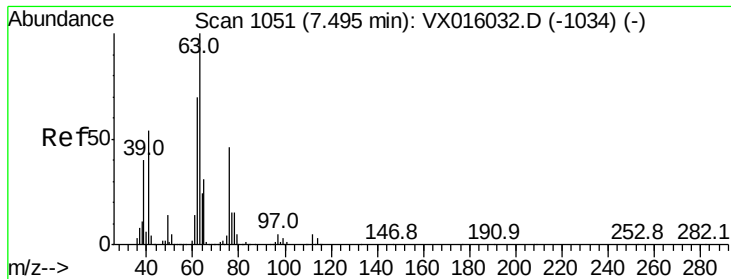
95 97.2 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.497 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

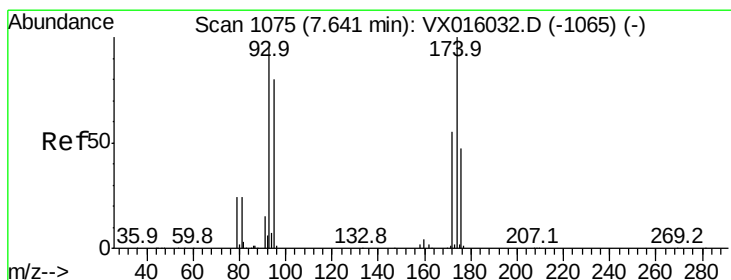
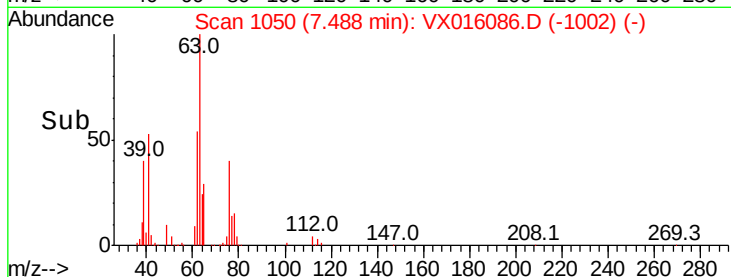
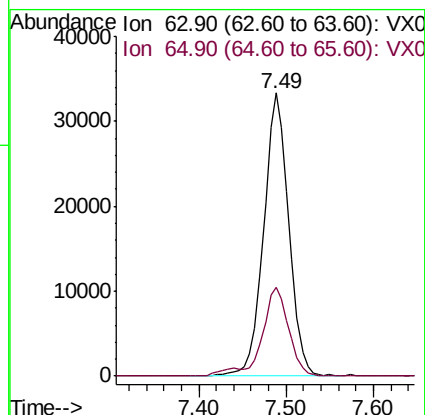
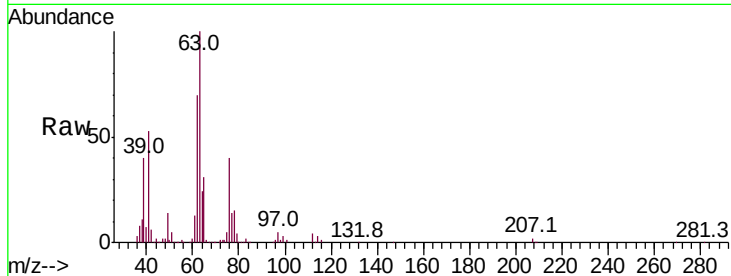
VX0507WBSD01

Tot Ion: 63 Resp: 66923

Ion Ratio Lower Upper

63 100

65 31.4 24.4 36.6



#46

Dibromomethane

Concen: 19.241 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

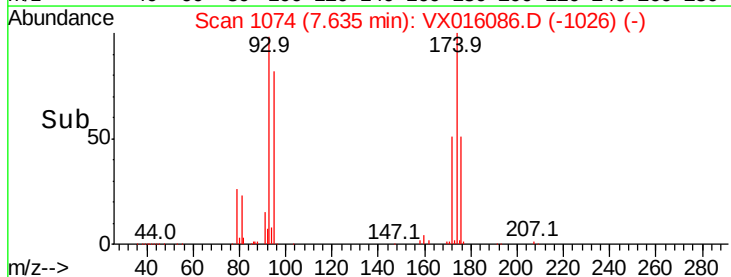
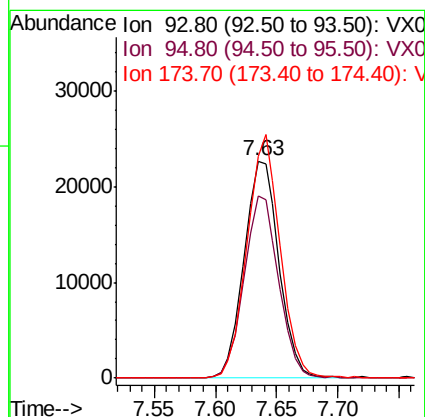
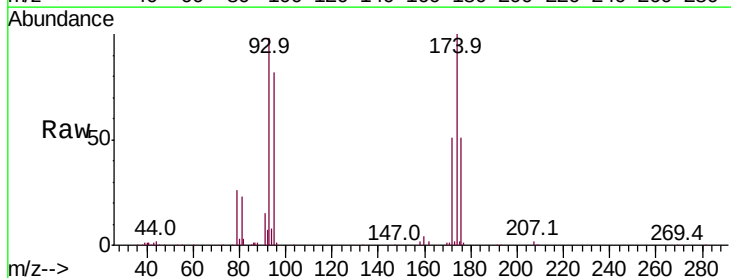
Tgt Ion: 93 Resp: 44882

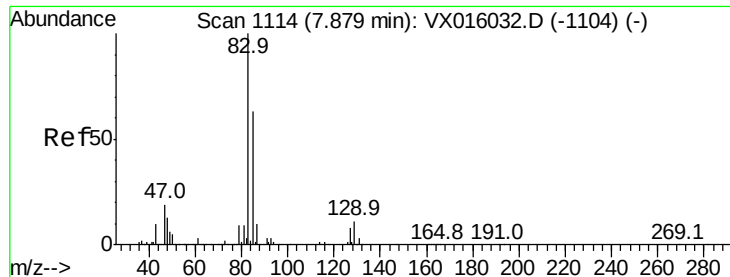
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 107.0 84.2 126.4





#47

Bromodichloromethane

Concen: 19.320 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

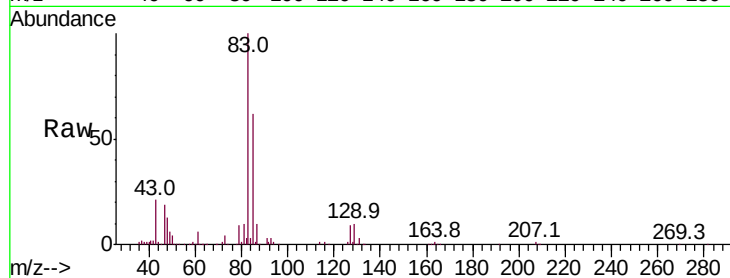
Tot Ion: 83 Resp: 91783

Ion Ratio Lower Upper

83 100

85 62.3 50.5 75.7

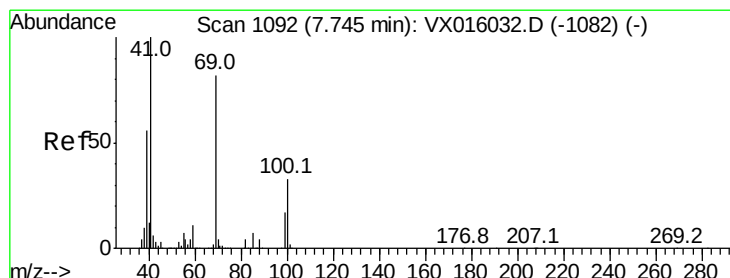
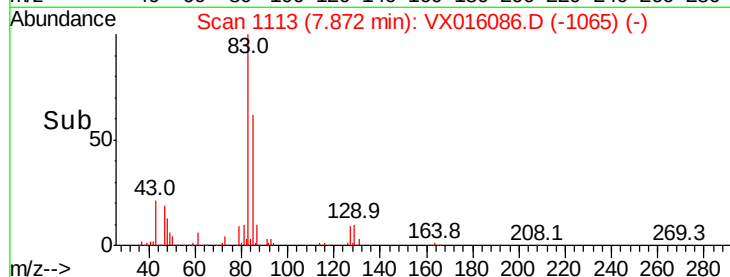
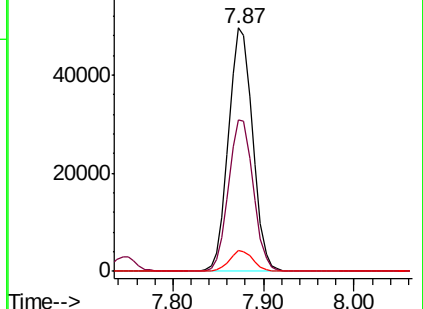
127 8.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.878 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

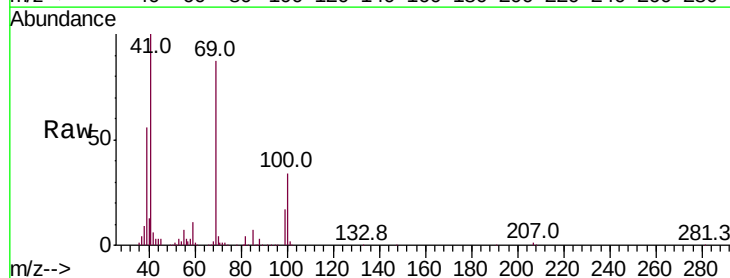
Tgt Ion: 41 Resp: 76694

Ion Ratio Lower Upper

41 100

69 86.5 67.8 101.6

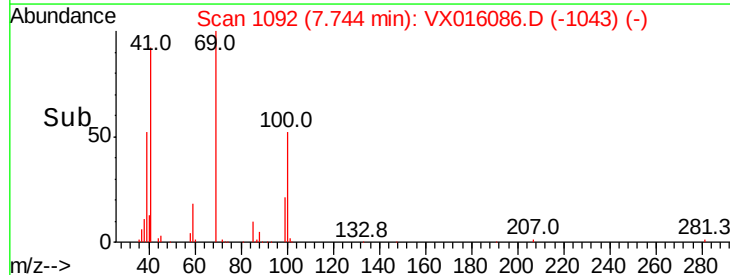
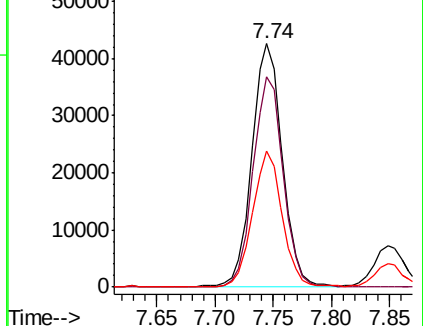
39 54.5 44.6 67.0

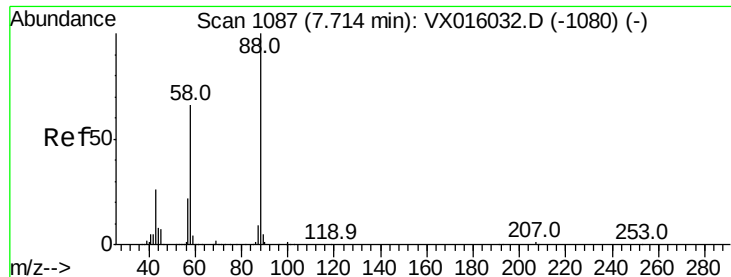


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 374.002 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampled :

VX0507WBSD01

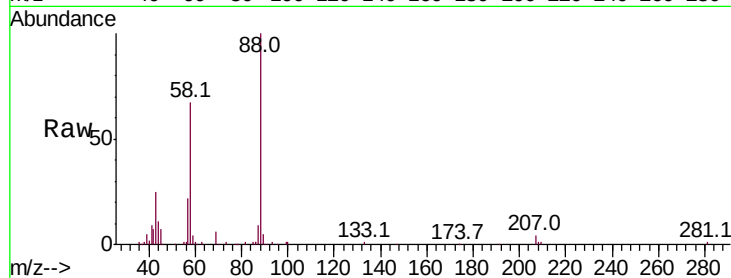
Tot Ion: 88 Resp: 36441

Ion Ratio Lower Upper

88 100

43 31.1 25.3 37.9

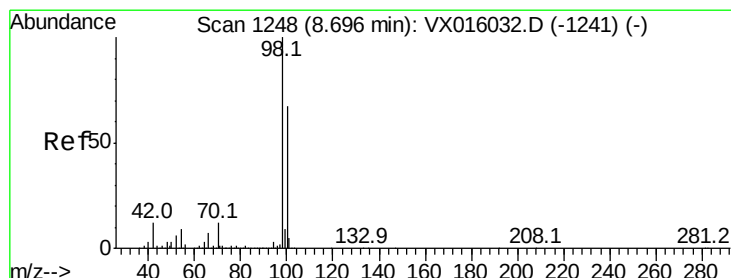
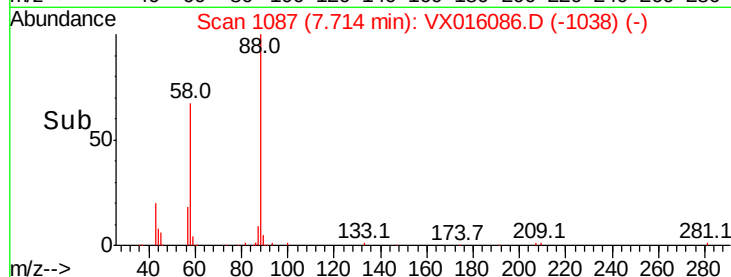
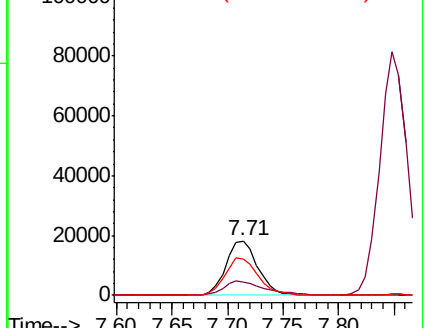
58 70.5 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.330 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016086.D

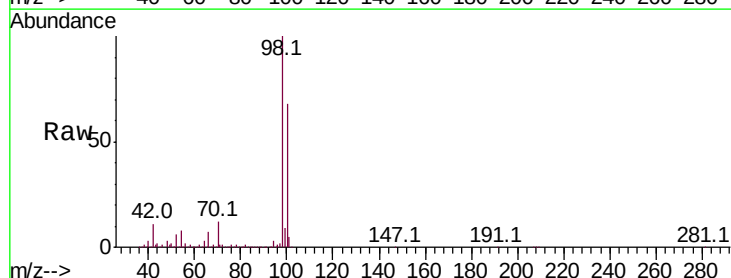
Acq: 07 May 2020 11:34

Tgt Ion: 98 Resp: 567162

Ion Ratio Lower Upper

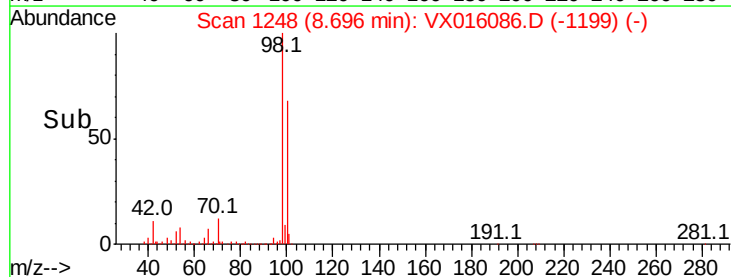
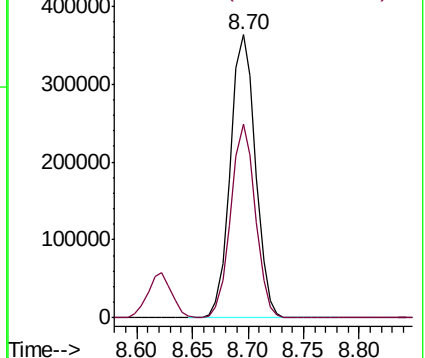
98 100

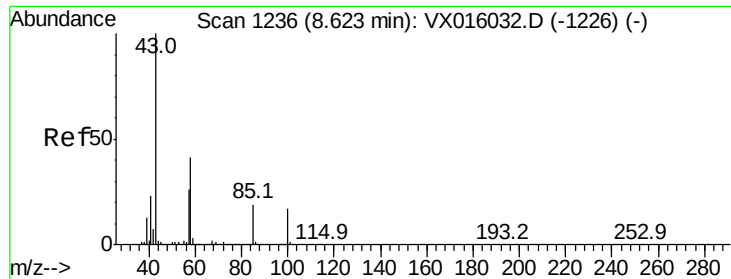
100 66.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

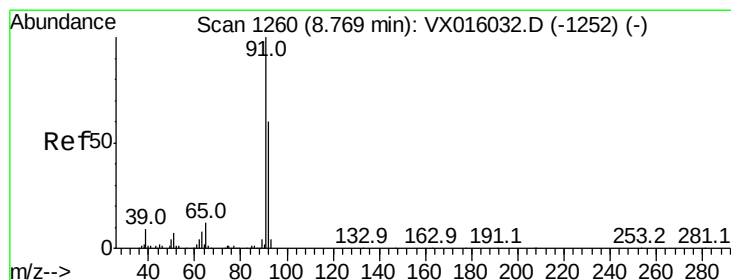
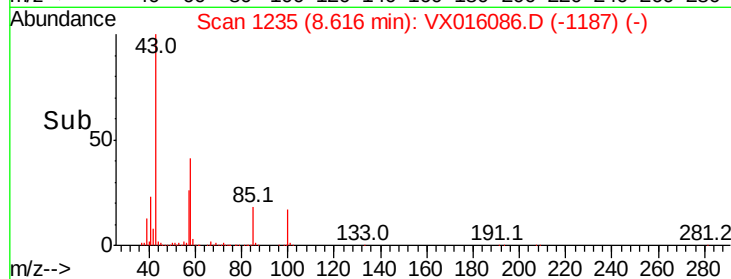
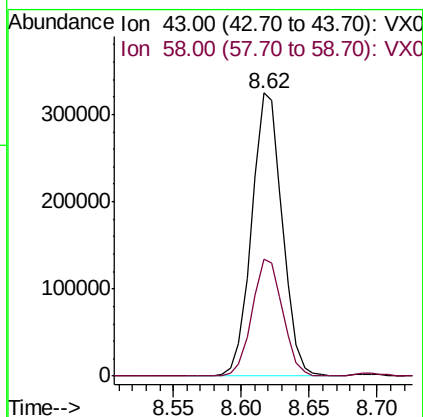
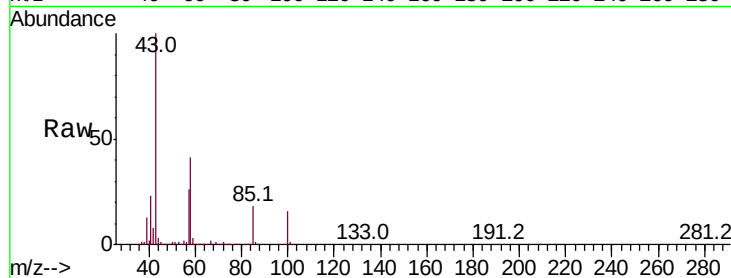




#51
4-Methyl-2-Pentanone
Concen: 97.512 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

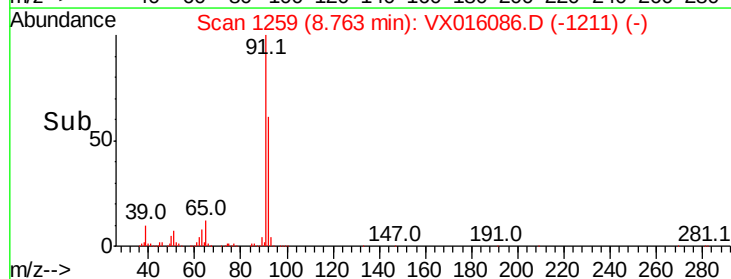
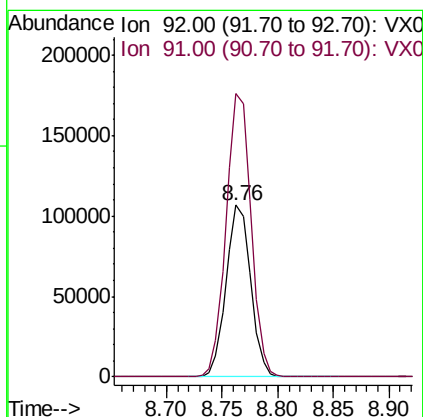
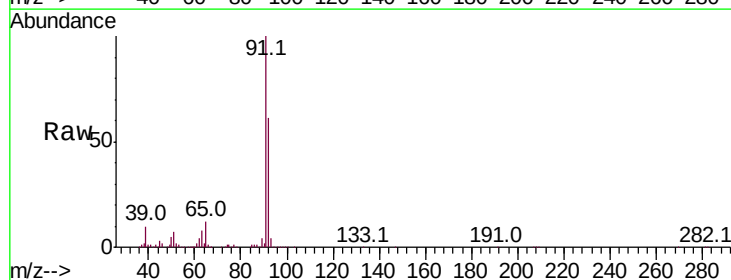
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

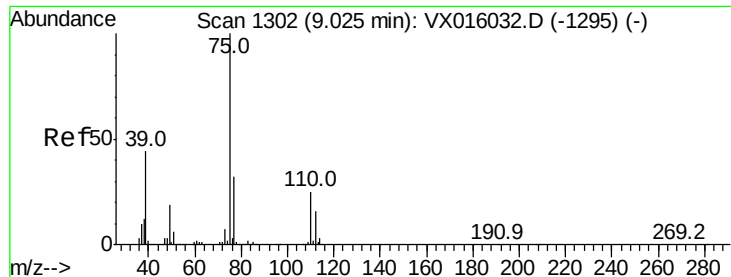
Tot Ion: 43 Resp: 511605
Ion Ratio Lower Upper
43 100
58 41.4 33.0 49.4



#52
Toluene
Concen: 19.360 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion: 92 Resp: 163698
Ion Ratio Lower Upper
92 100
91 167.4 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 18.948 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

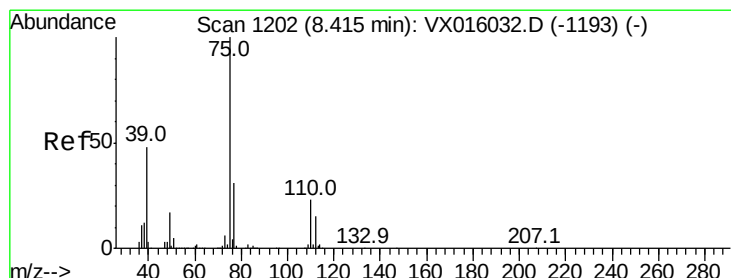
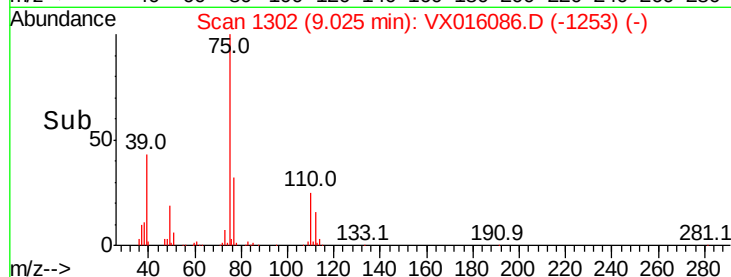
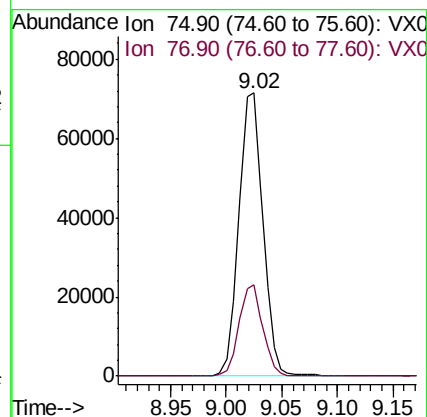
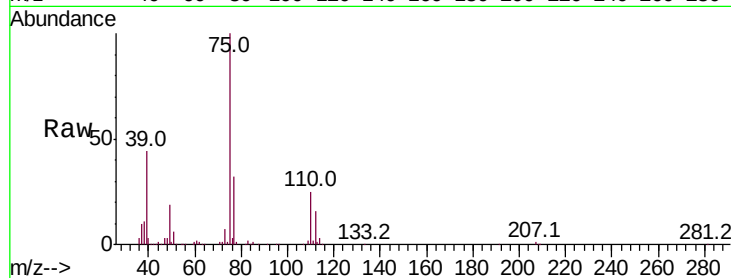
VX0507WBSD01

Tot Ion: 75 Resp: 107331

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.116 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

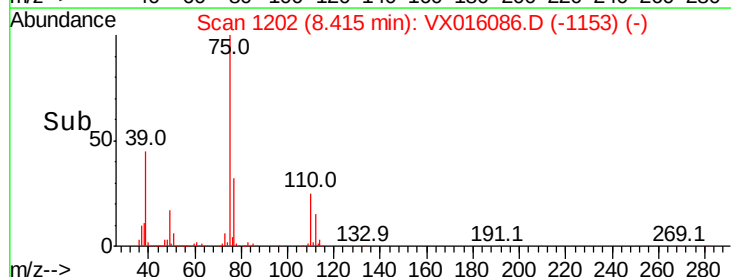
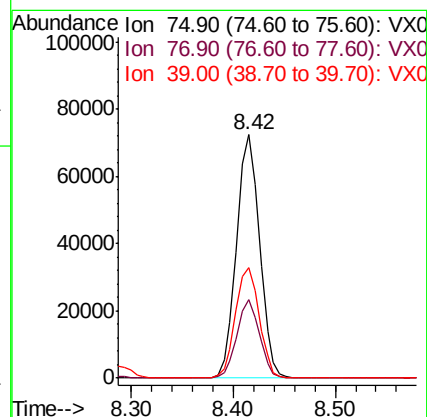
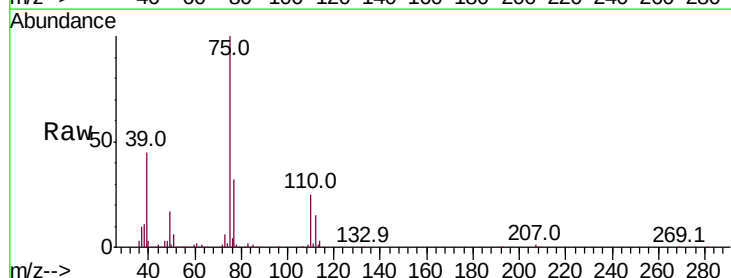
Tgt Ion: 75 Resp: 113098

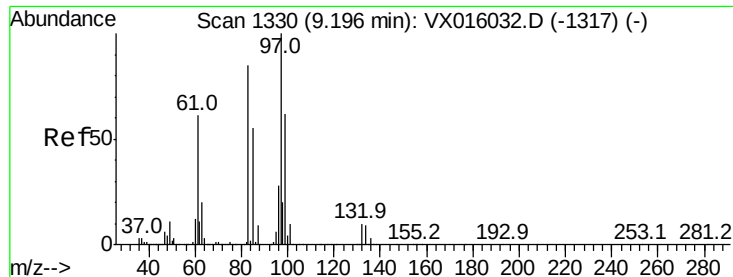
Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 45.4 38.7 58.1

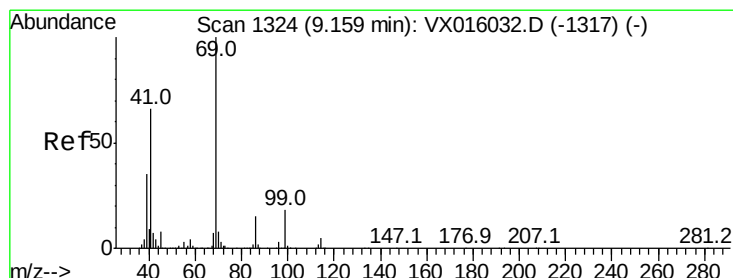
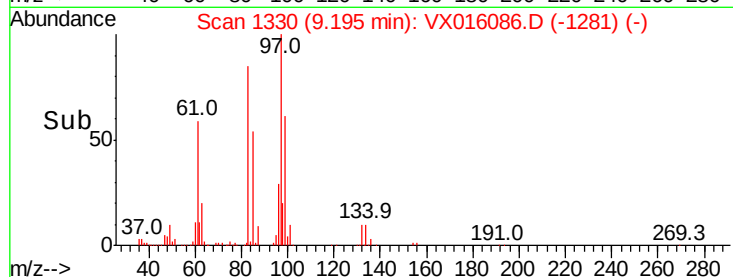
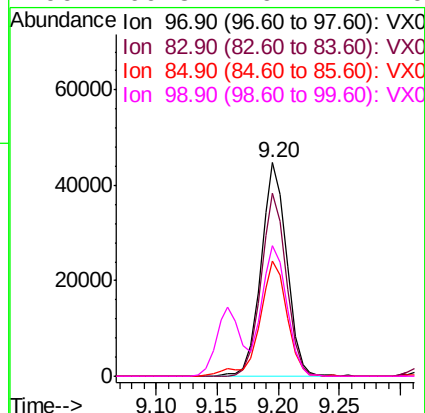
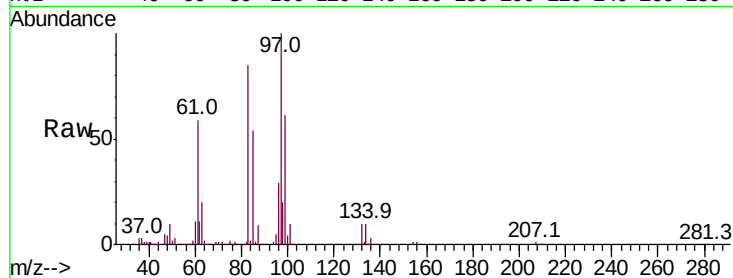




#55
 1,1,2-Trichloroethane
 Concen: 19.706 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

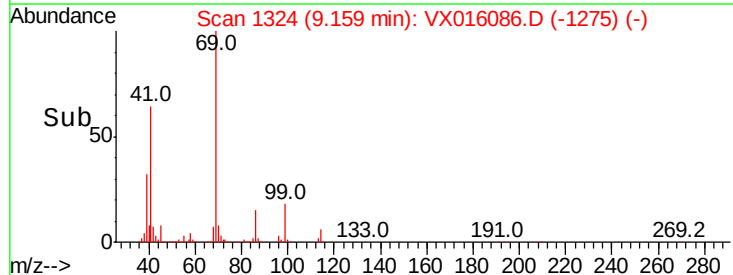
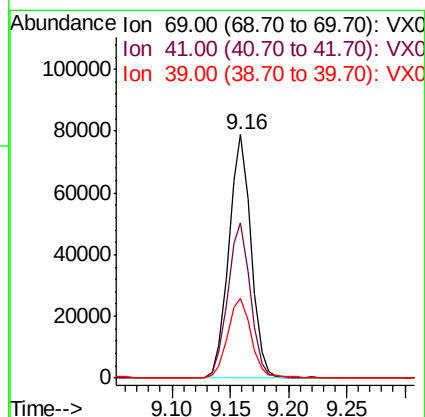
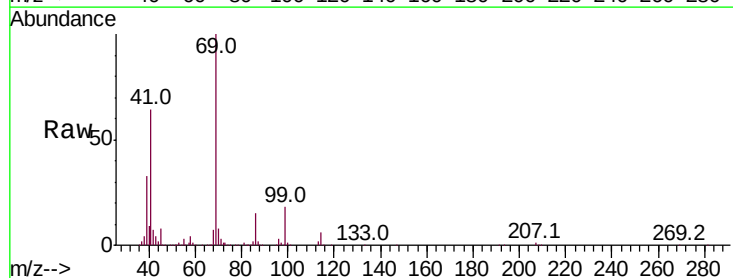
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

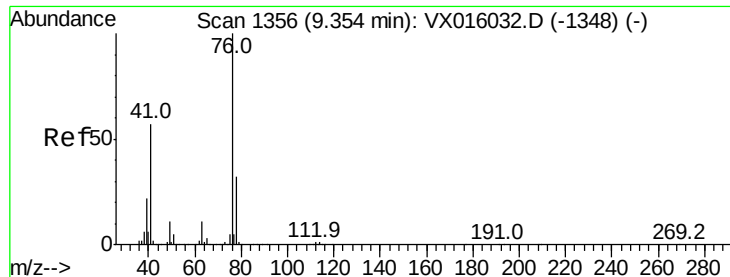
Tot Ion:	97	Resp:	65557
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.8	101.8
85	53.9	43.8	65.8
99	60.8	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.257 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion:	69	Resp:	104570
Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.2	78.4
39	34.5	28.2	42.4





#57

1,3-Dichloropropane

Concen: 19.656 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

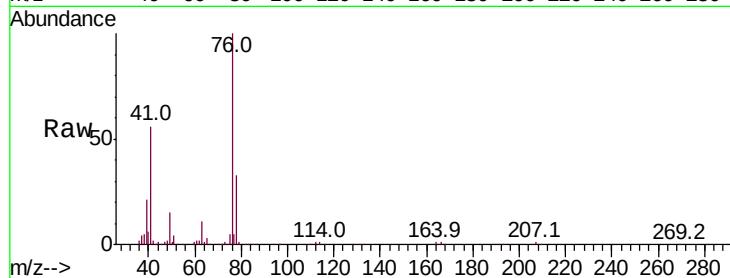
VX0507WBSD01

Tot Ion: 76 Resp: 114097

Ion Ratio Lower Upper

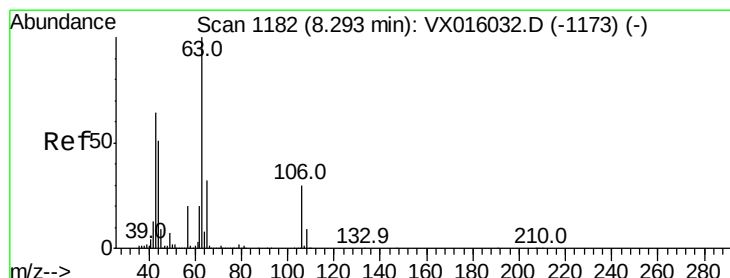
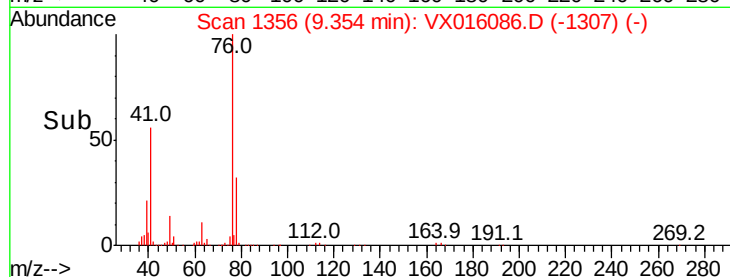
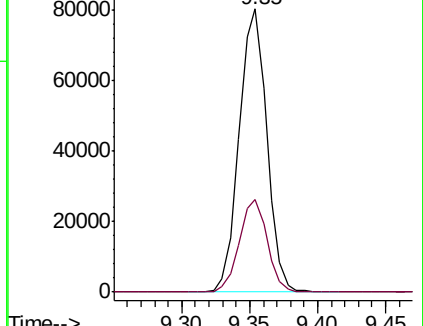
76 100

78 33.1 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.179 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016086.D

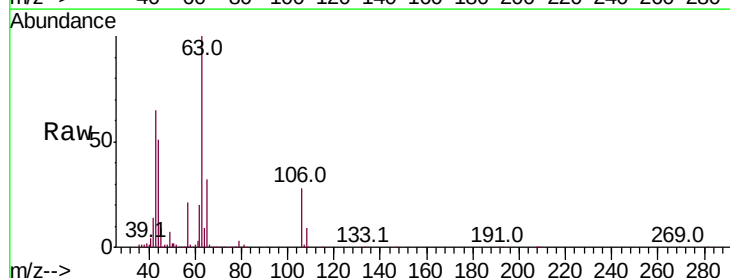
Acq: 07 May 2020 11:34

Tgt Ion: 63 Resp: 257811

Ion Ratio Lower Upper

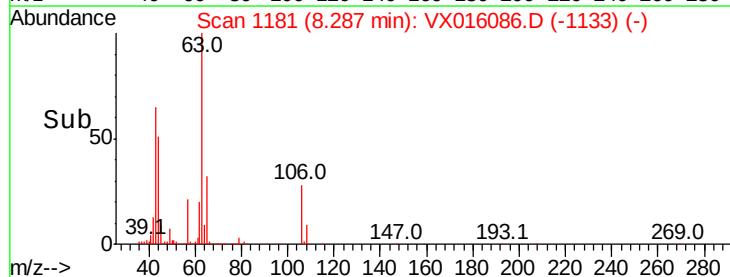
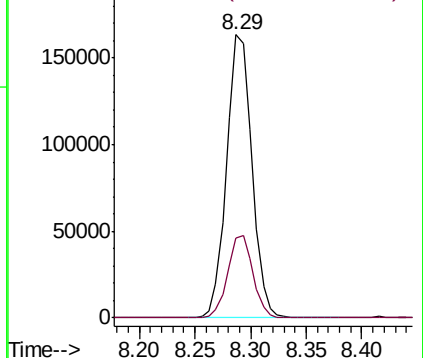
63 100

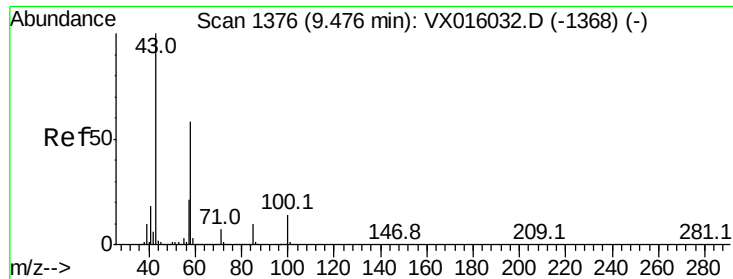
106 29.2 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

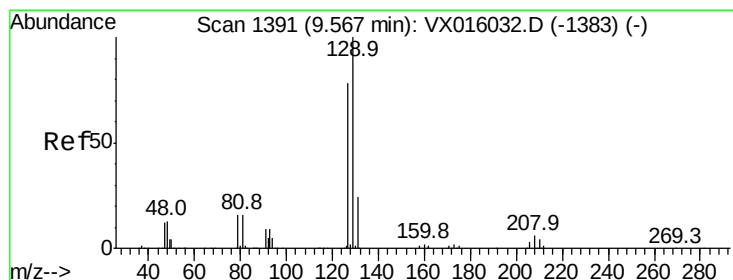
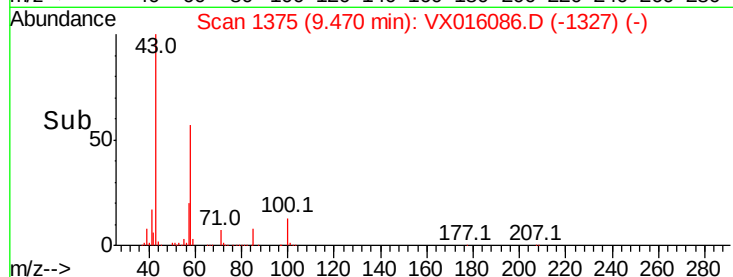
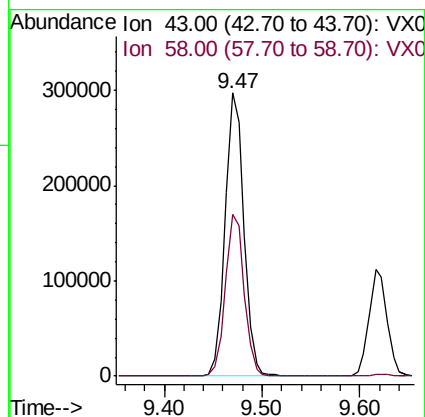
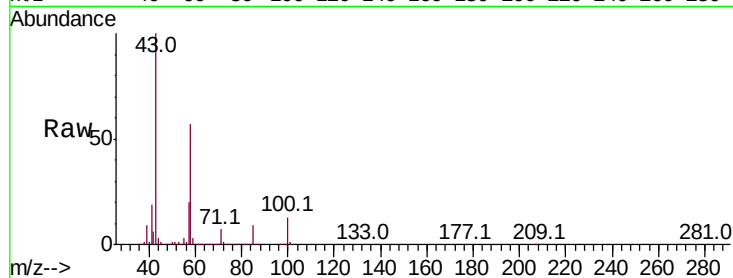




#59
2-Hexanone
Concen: 95.589 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

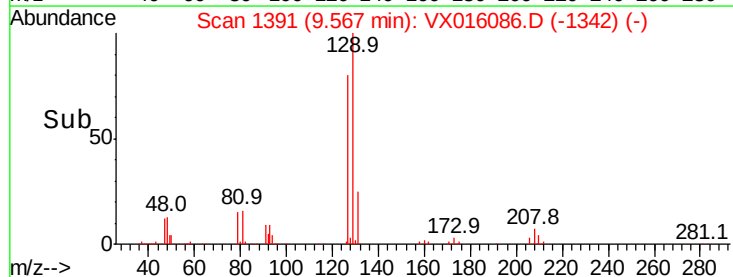
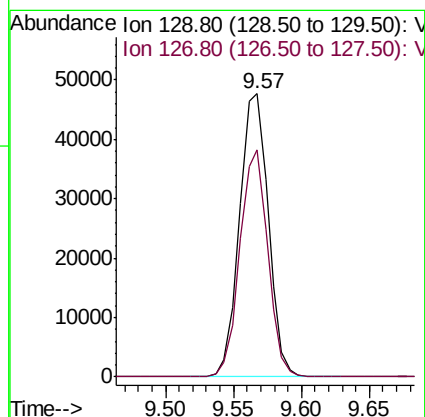
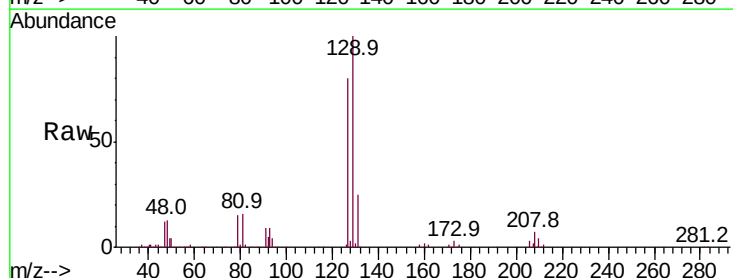
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

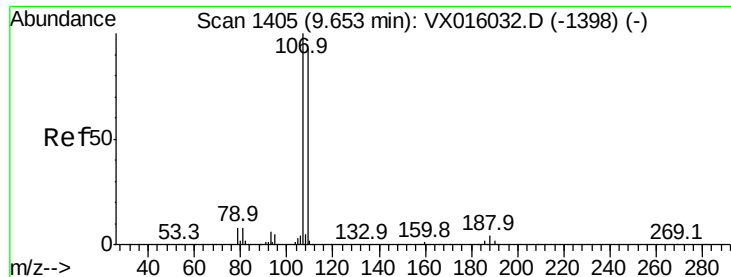
Tot Ion: 43 Resp: 393855
Ion Ratio Lower Upper
43 100
58 57.7 28.6 85.9



#60
Dibromochloromethane
Concen: 19.308 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion: 129 Resp: 70744
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.617 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

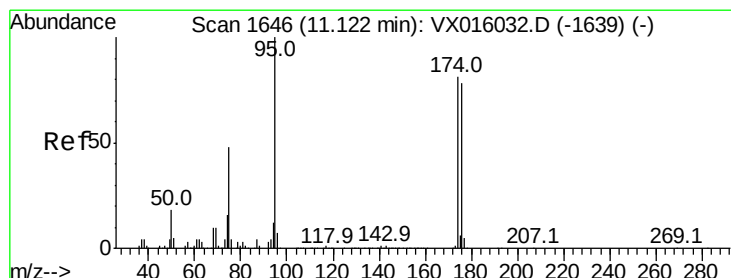
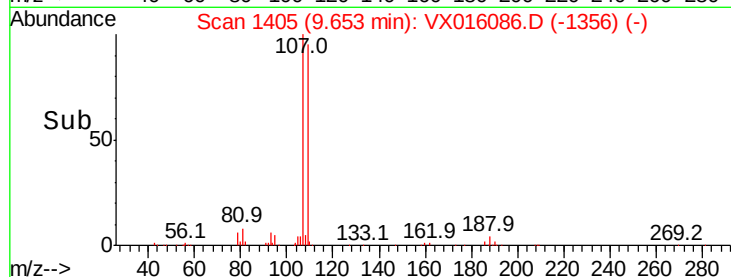
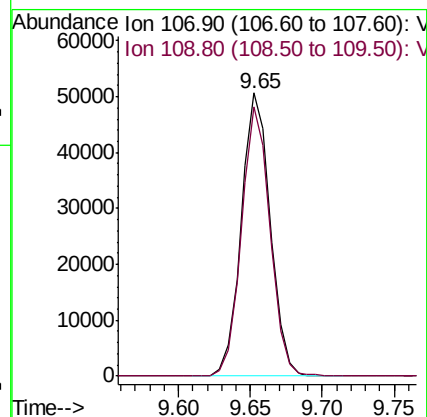
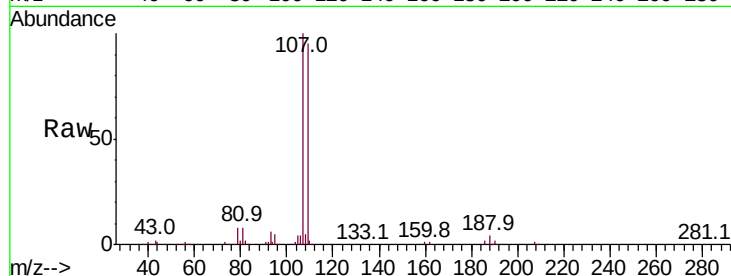
VX0507WBSD01

Tot Ion:107 Resp: 70687

Ion Ratio Lower Upper

107 100

109 93.9 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 49.271 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

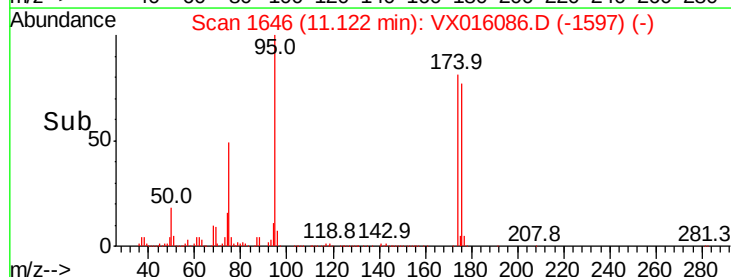
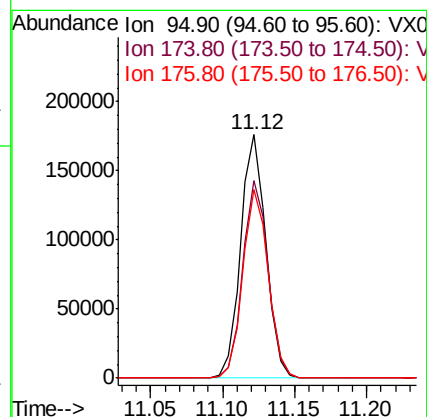
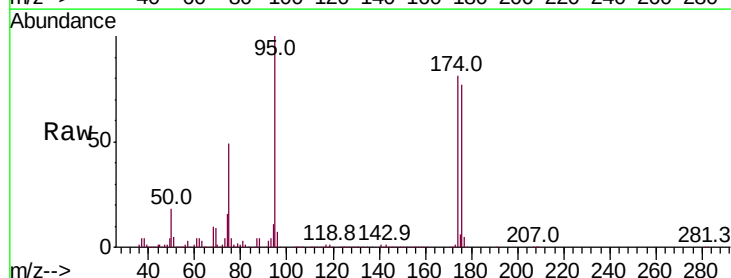
Tgt Ion: 95 Resp: 215464

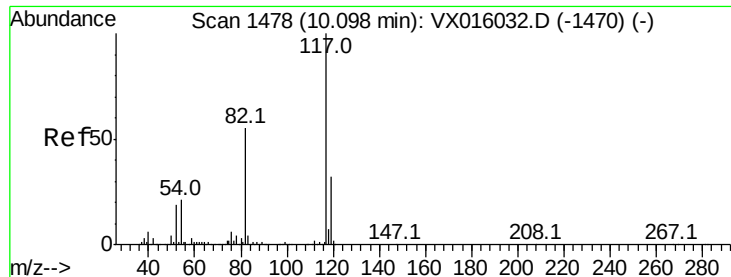
Ion Ratio Lower Upper

95 100

174 81.0 0.0 159.4

176 77.8 0.0 157.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

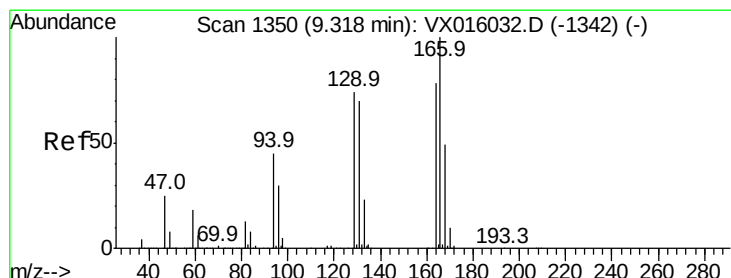
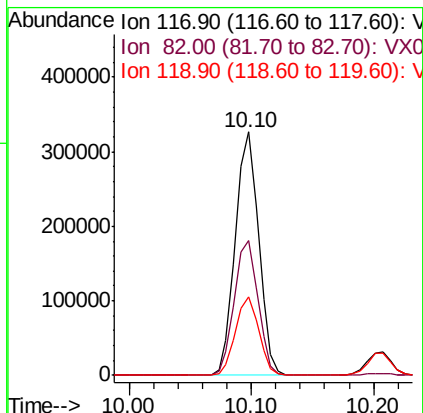
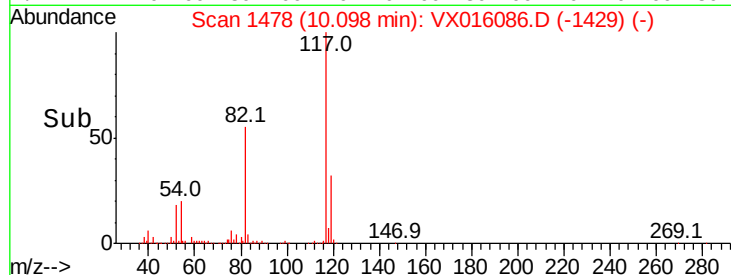
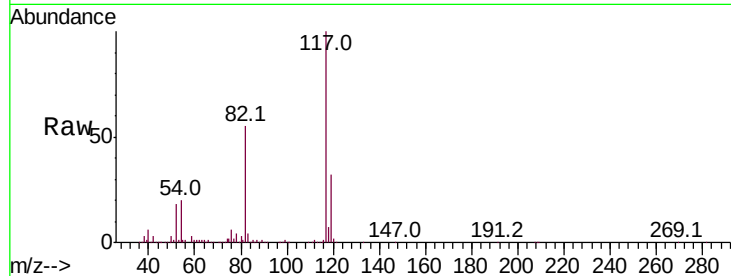
Tot Ion:117 Resp: 431803

Ion Ratio Lower Upper

117 100

82 55.1 44.4 66.6

119 32.1 25.5 38.3



#64

Tetrachloroethene

Concen: 19.924 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Tgt Ion:164 Resp: 105617

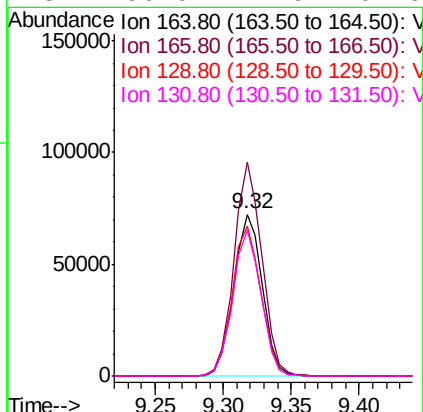
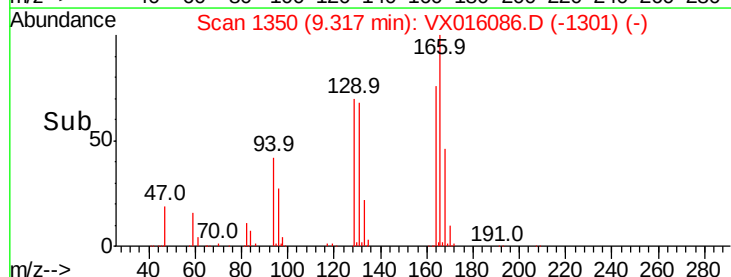
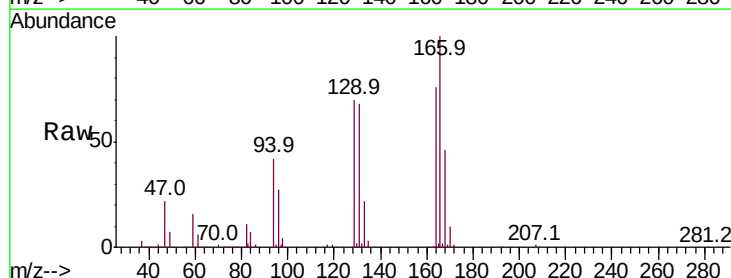
Ion Ratio Lower Upper

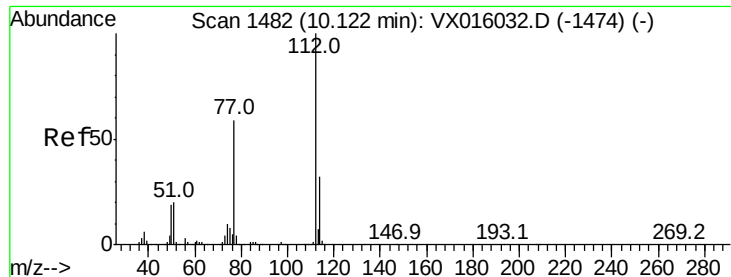
164 100

166 132.3 102.9 154.3

129 93.0 76.1 114.1

131 90.0 71.9 107.9

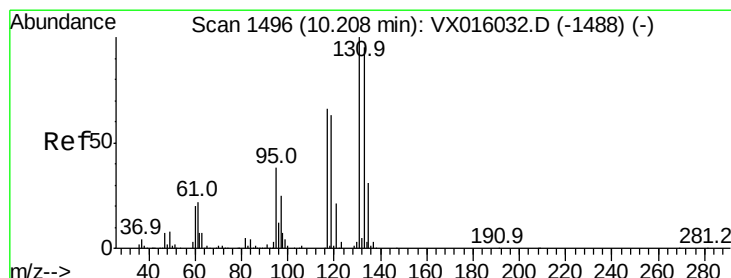
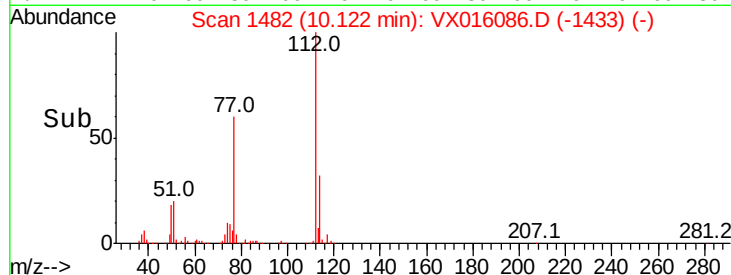
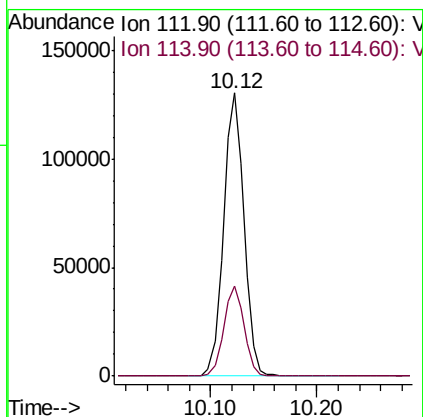
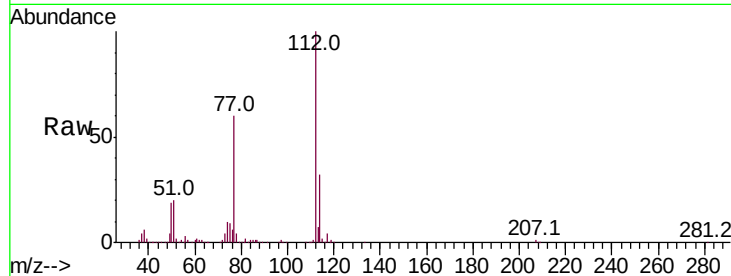




#65
Chlorobenzene
Concen: 19.219 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

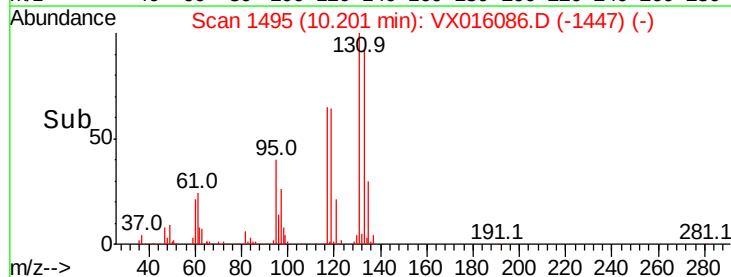
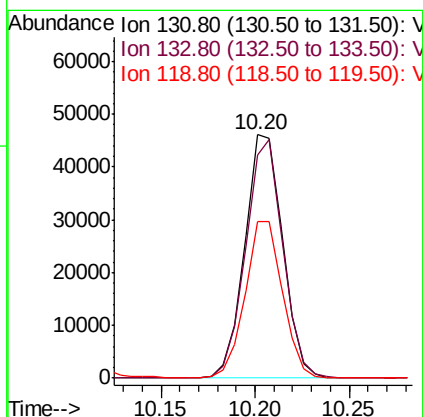
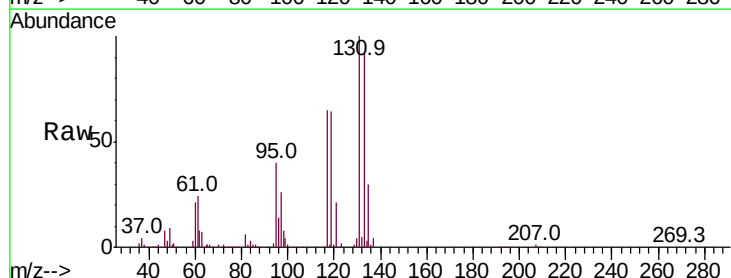
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

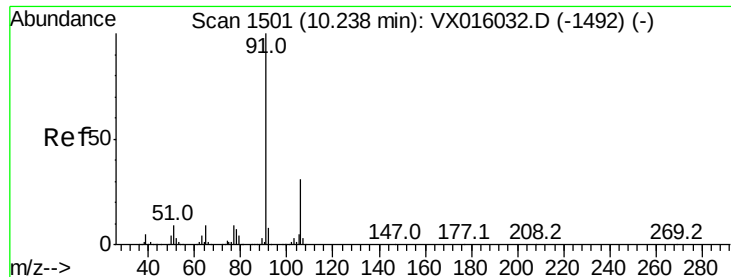
Tot Ion:112 Resp: 173768
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.291 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion:131 Resp: 64468
Ion Ratio Lower Upper
131 100
133 96.5 48.3 144.8
119 63.4 32.3 96.9





#67

Ethyl Benzene

Concen: 19.119 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

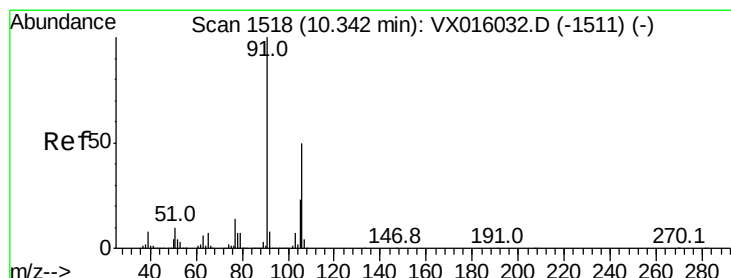
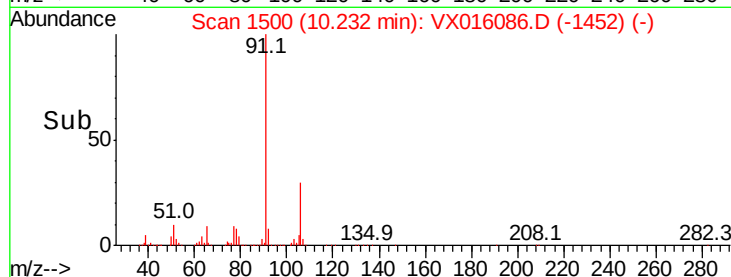
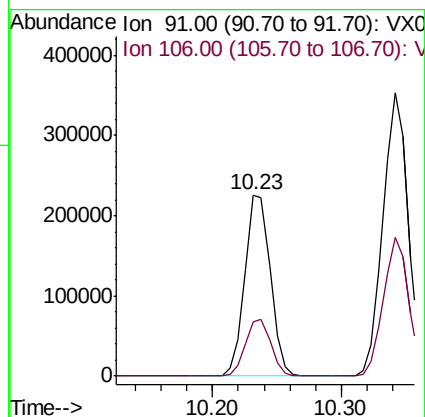
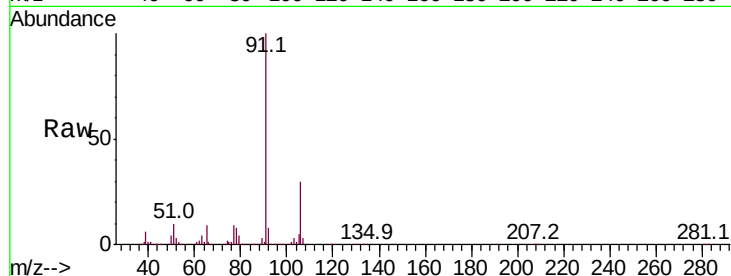
VX0507WBSD01

Tot Ion: 91 Resp: 308438

Ion Ratio Lower Upper

91 100

106 30.2 25.1 37.7



#68

m/p-Xylenes

Concen: 38.905 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016086.D

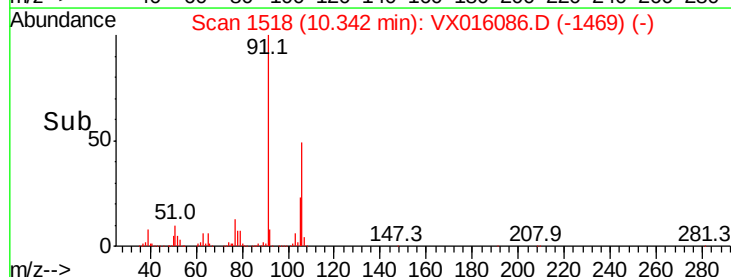
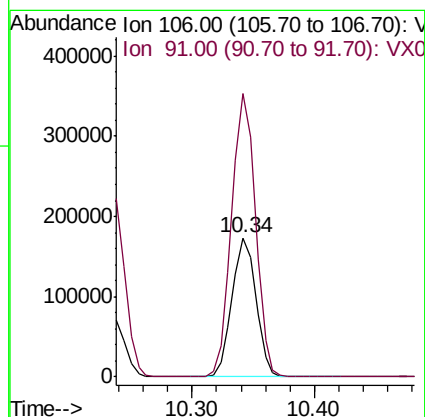
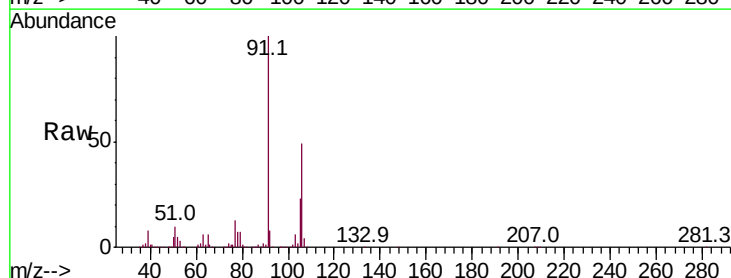
Acq: 07 May 2020 11:34

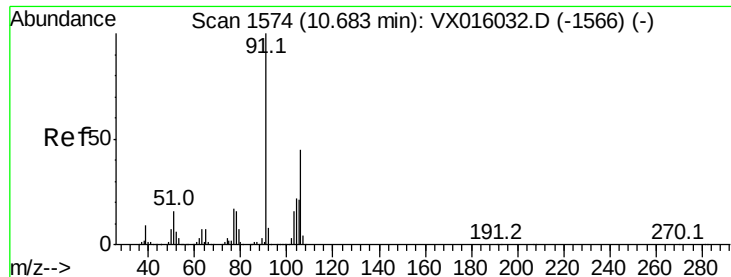
Tgt Ion: 106 Resp: 235145

Ion Ratio Lower Upper

106 100

91 202.8 161.7 242.5

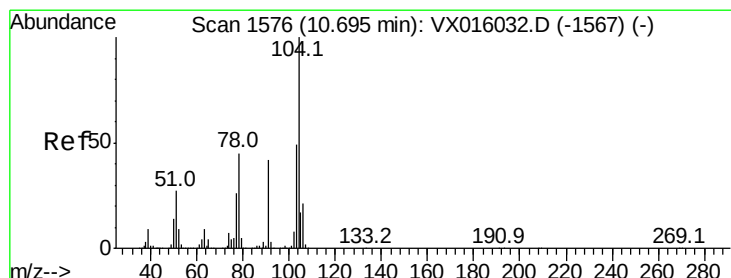
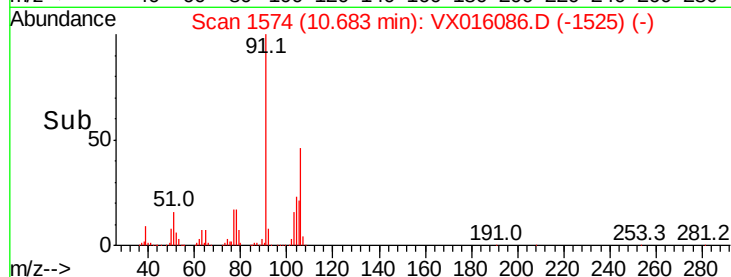
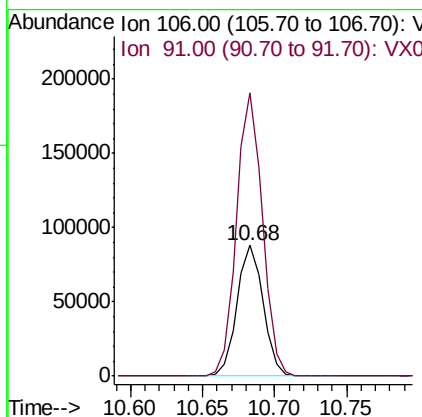
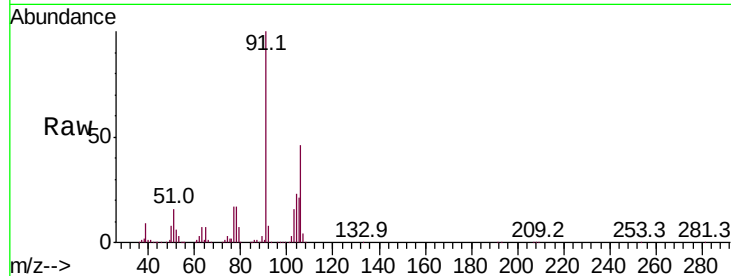




#69
o-Xylene
Concen: 19.228 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

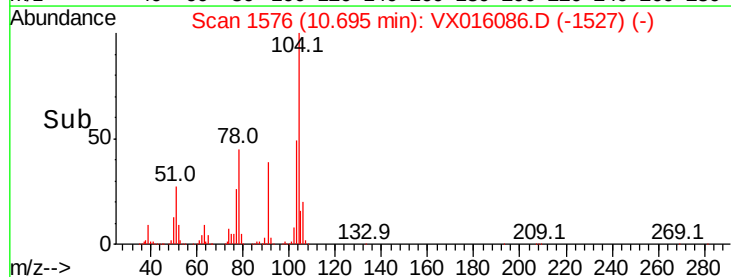
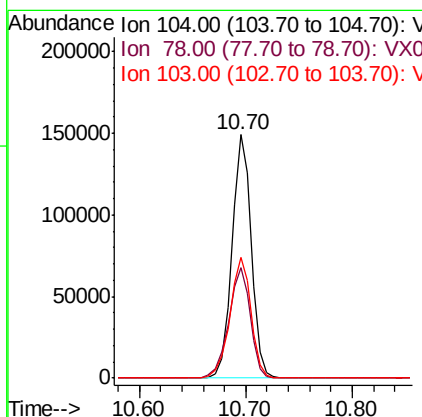
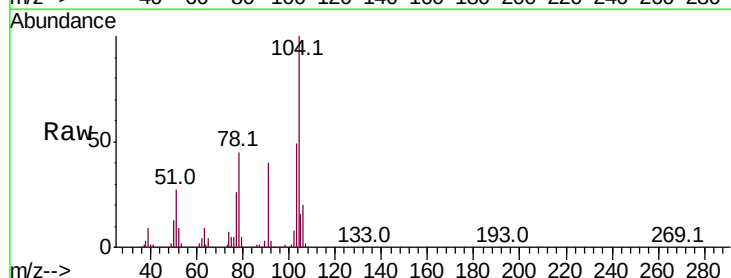
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

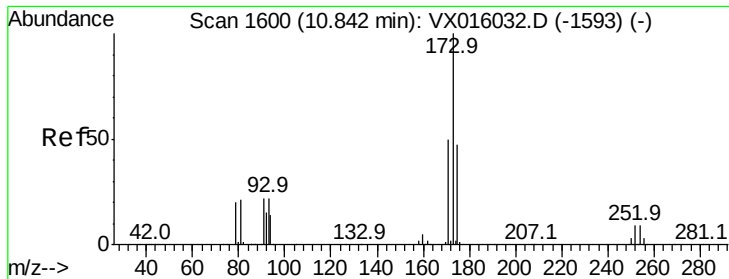
Tot Ion:106 Resp: 111711
Ion Ratio Lower Upper
106 100
91 215.2 107.5 322.6



#70
Styrene
Concen: 19.258 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion:104 Resp: 189812
Ion Ratio Lower Upper
104 100
78 50.5 40.2 60.2
103 53.8 43.0 64.6





#71

Bromoform

Concen: 19.541 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

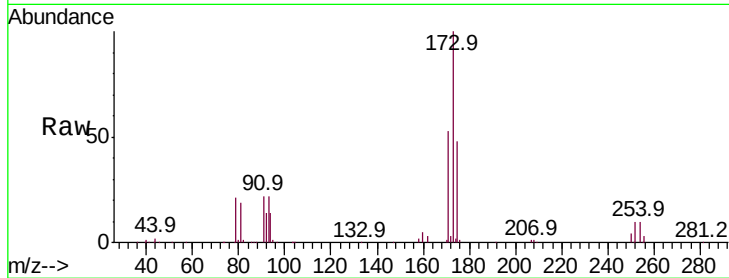
Tot Ion:173 Resp: 53203

Ion Ratio Lower Upper

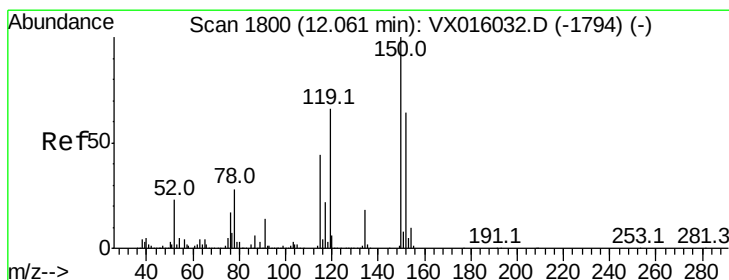
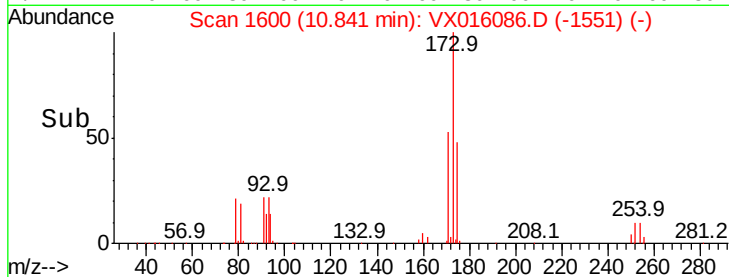
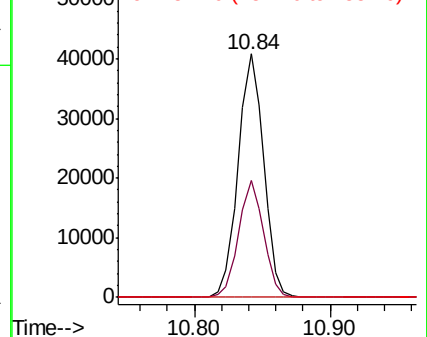
173 100

175 47.1 24.0 72.0

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

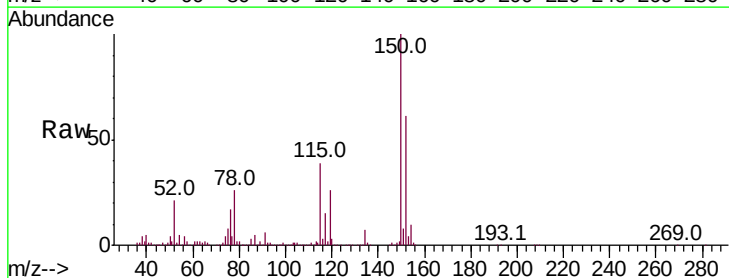
Tgt Ion:152 Resp: 219958

Ion Ratio Lower Upper

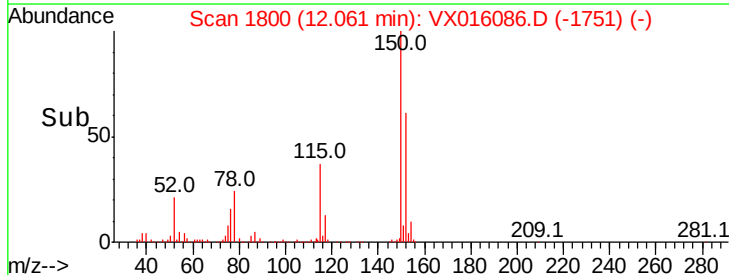
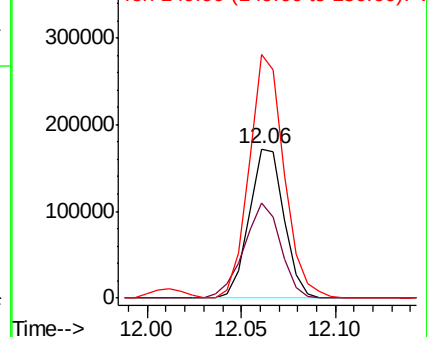
152 100

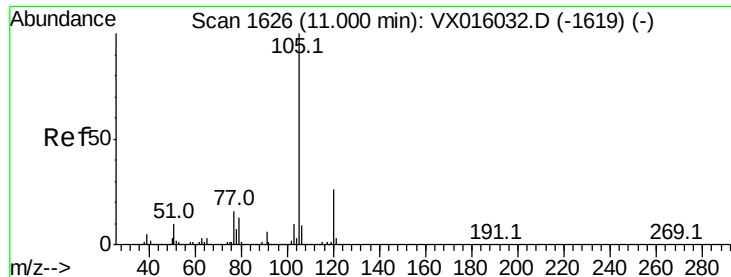
115 67.3 41.3 124.1

150 164.0 0.0 352.2



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





#73

Isopropylbenzene

Concen: 18.685 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

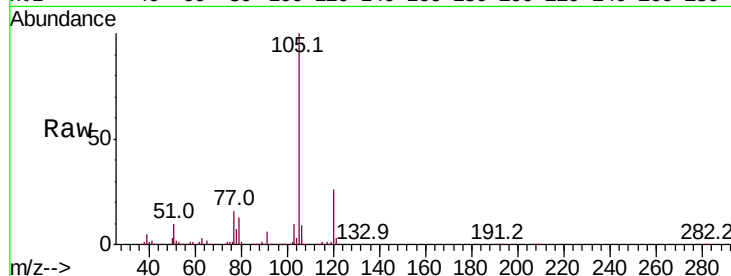
VX0507WBSD01

Tot Ion:105 Resp: 298932

Ion Ratio Lower Upper

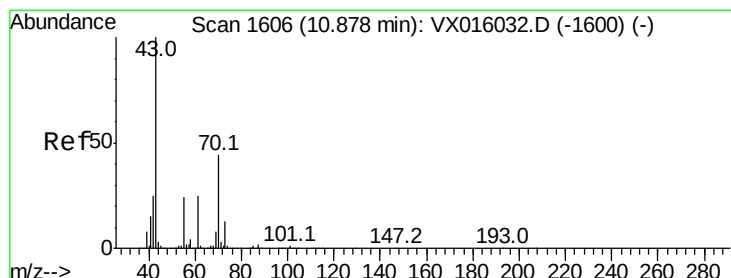
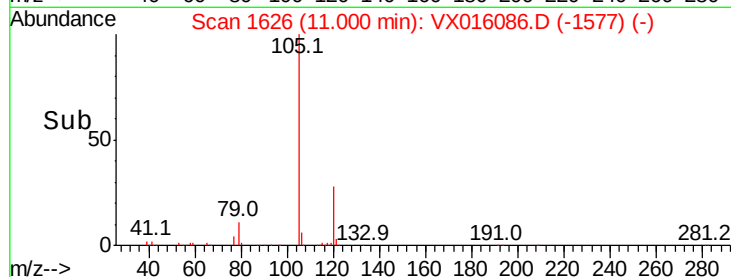
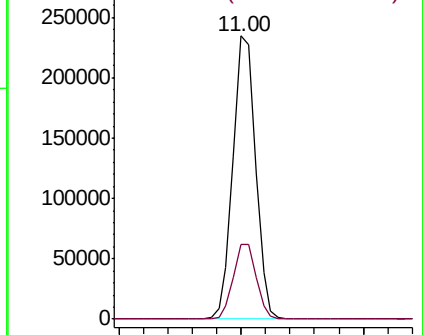
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.365 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Tgt Ion: 43 Resp: 137050

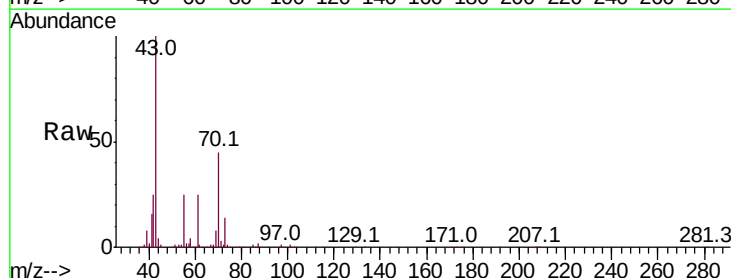
Ion Ratio Lower Upper

43 100

70 46.1 36.5 54.7

55 25.6 19.7 29.5

61 25.8 20.9 31.3

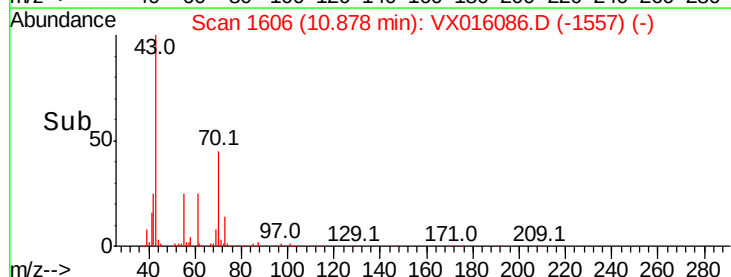
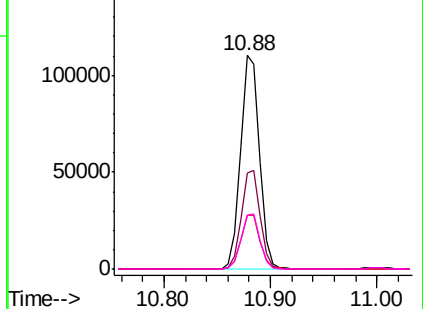


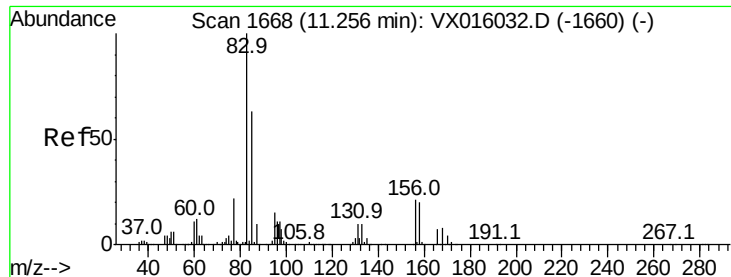
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.972 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

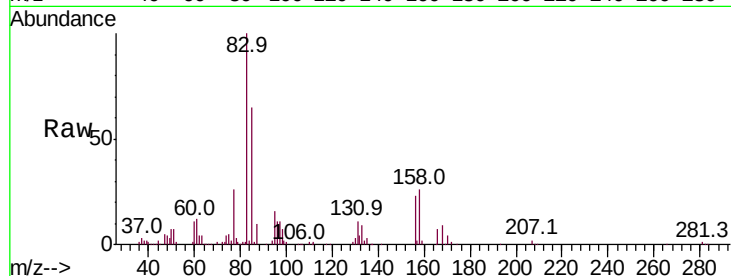
Tot Ion: 83 Resp: 48997

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

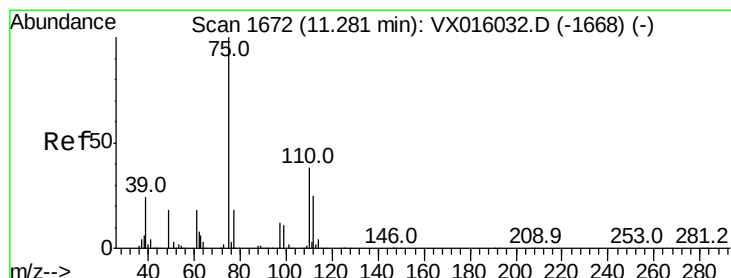
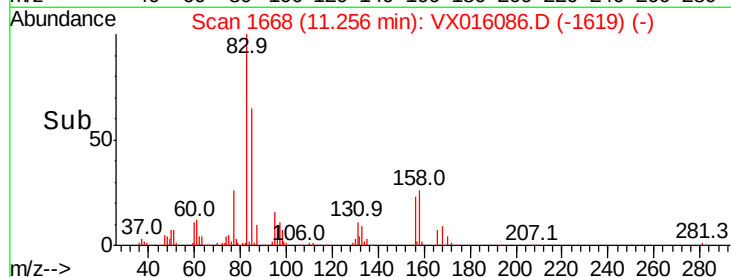
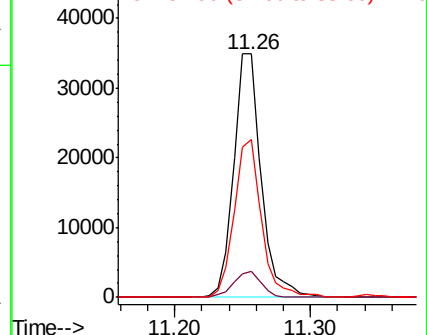
85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.249 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016086.D

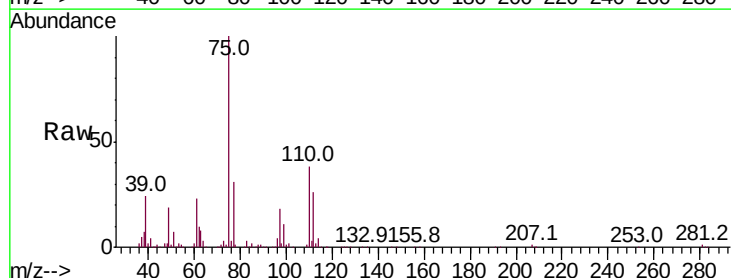
Acq: 07 May 2020 11:34

Tgt Ion: 75 Resp: 126026

Ion Ratio Lower Upper

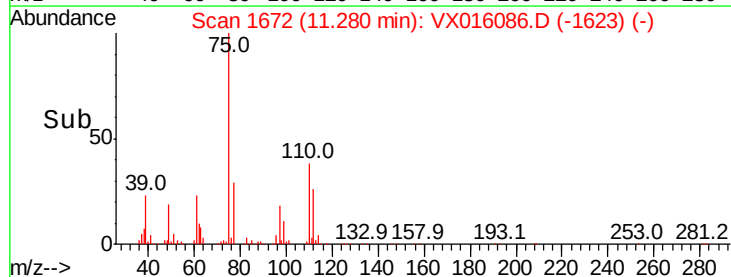
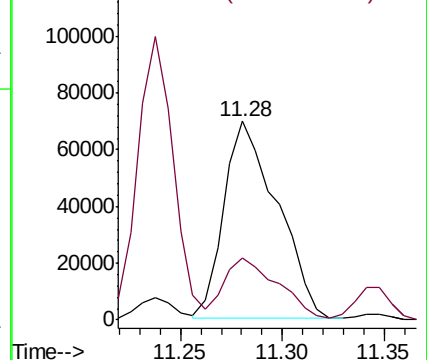
75 100

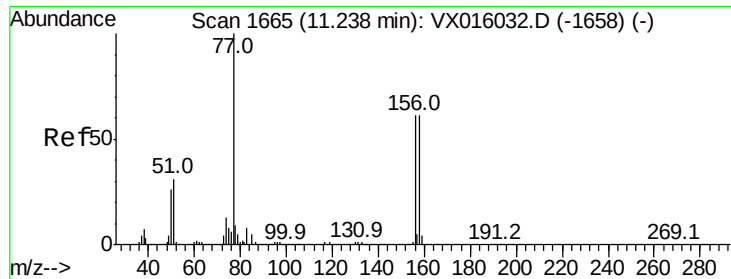
77 31.9 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.468 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

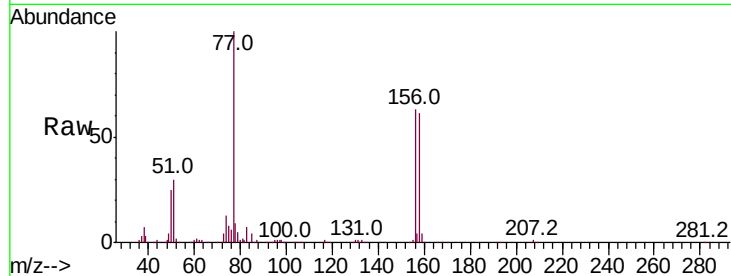
Tot Ion:156 Resp: 76265

Ion Ratio Lower Upper

156 100

77 161.0 80.1 240.3

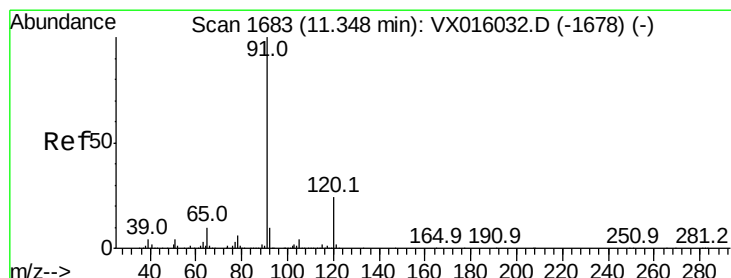
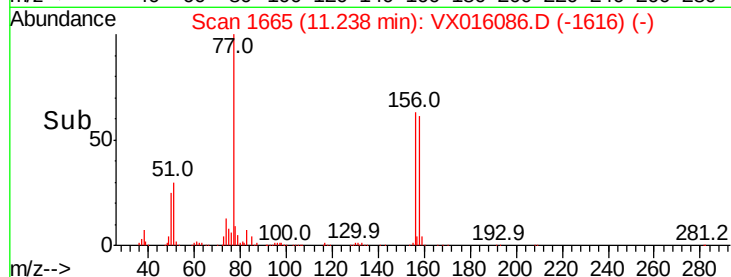
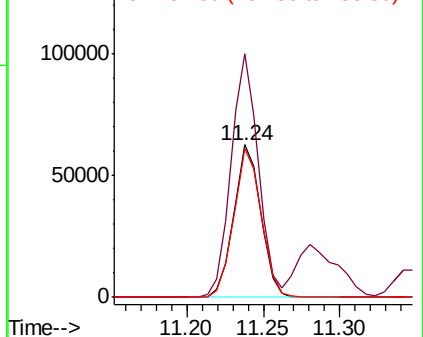
158 99.4 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.489 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016086.D

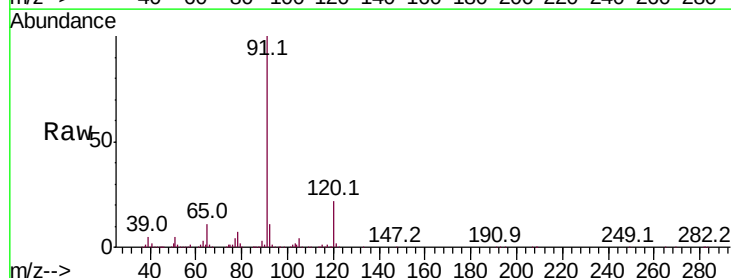
Acq: 07 May 2020 11:34

Tgt Ion: 91 Resp: 344107

Ion Ratio Lower Upper

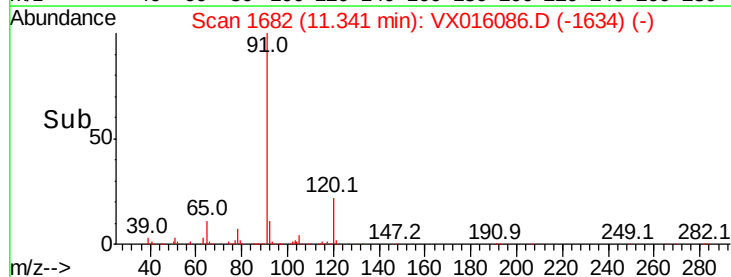
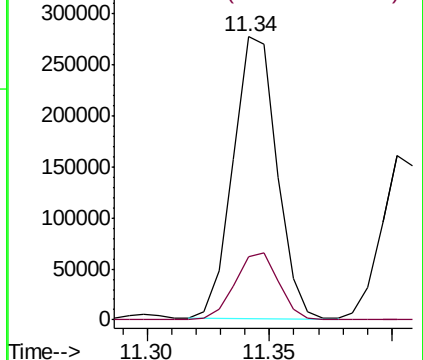
91 100

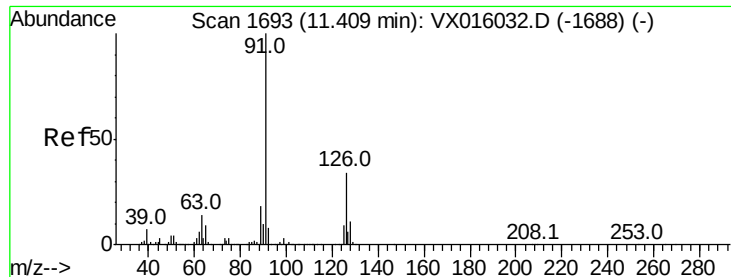
120 23.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.626 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

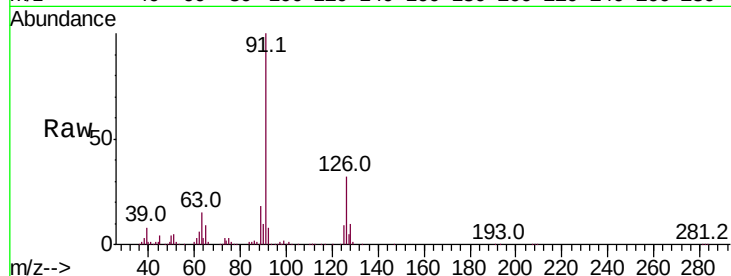
VX0507WBSD01

Tot Ion: 91 Resp: 204624

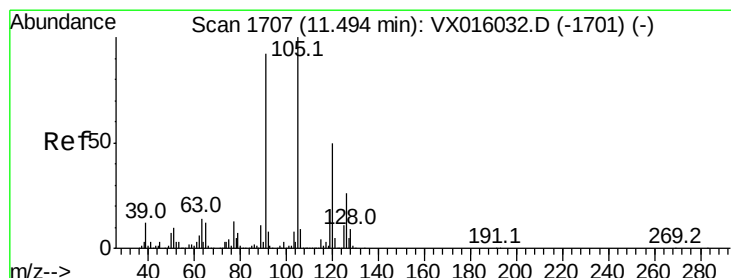
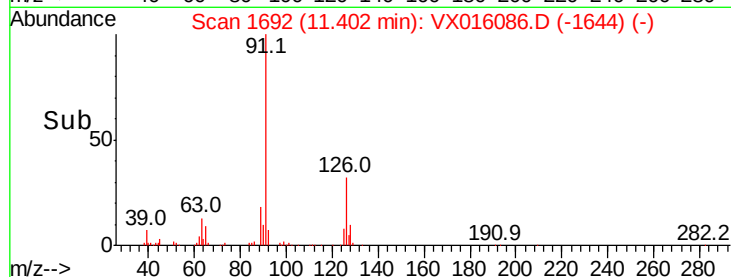
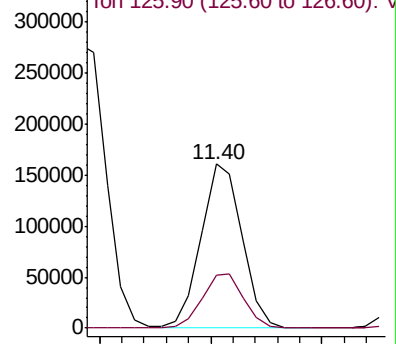
Ion Ratio Lower Upper

91 100

126 33.5 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016086.D (-1644) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.940 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016086.D

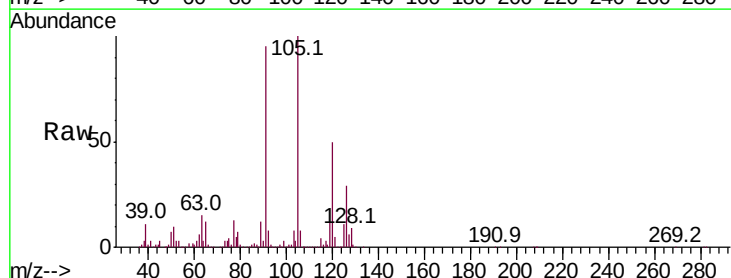
Acq: 07 May 2020 11:34

Tgt Ion:105 Resp: 255843

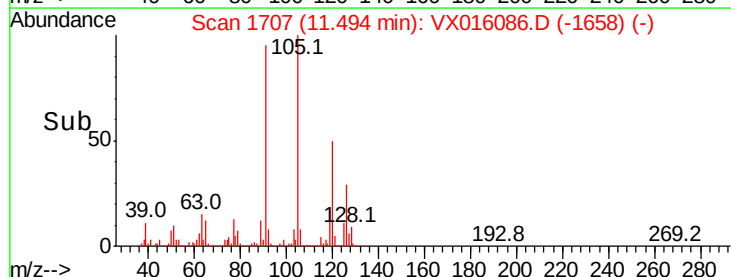
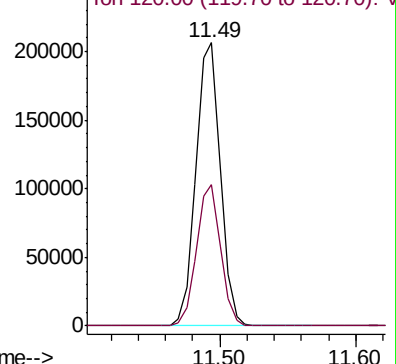
Ion Ratio Lower Upper

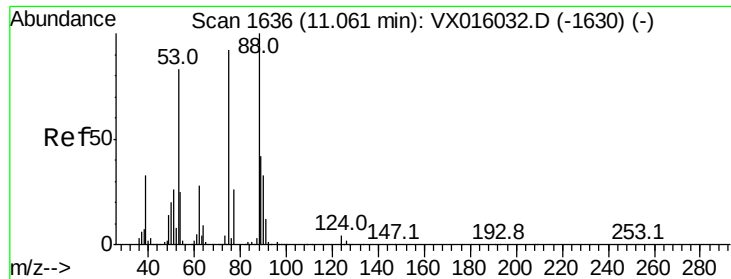
105 100

120 49.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016086.D (-1658) (-)

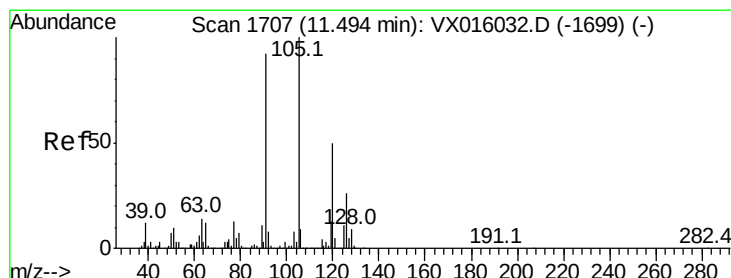
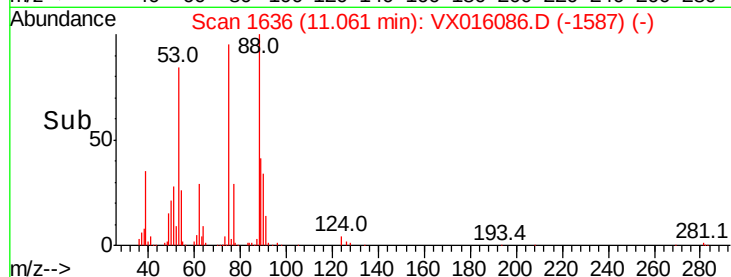
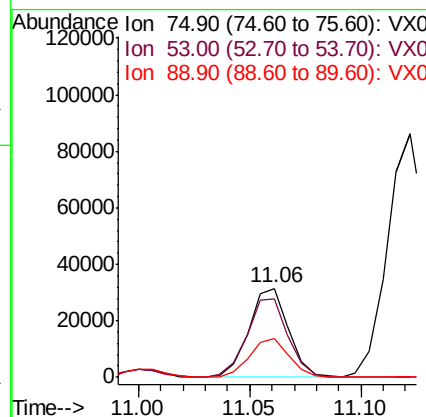
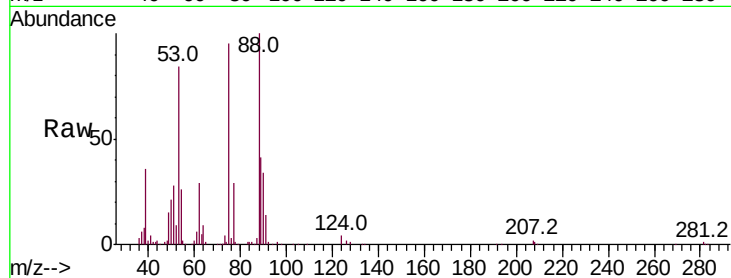




#81
trans-1,4-Dichloro-2-butene
Concen: 18.555 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

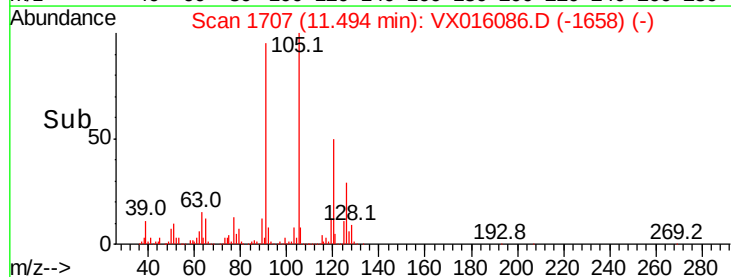
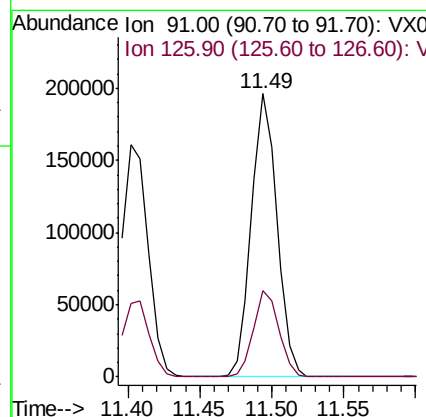
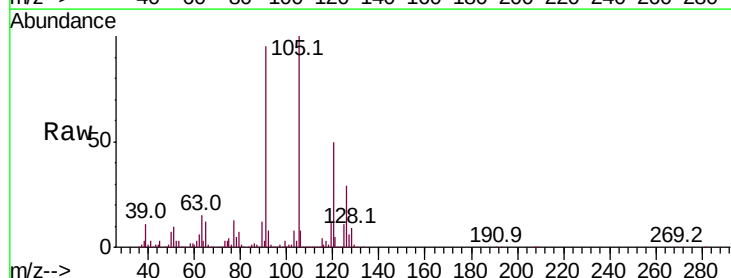
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

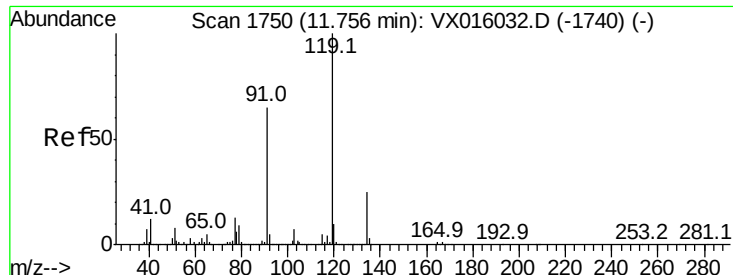
Tot Ion: 75 Resp: 38863
Ion Ratio Lower Upper
75 100
53 92.1 73.1 109.7
89 44.8 36.7 55.1



#82
4-Chlorotoluene
Concen: 18.585 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion: 91 Resp: 241104
Ion Ratio Lower Upper
91 100
126 30.2 14.8 44.3





#83

tert-Butylbenzene

Concen: 18.536 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

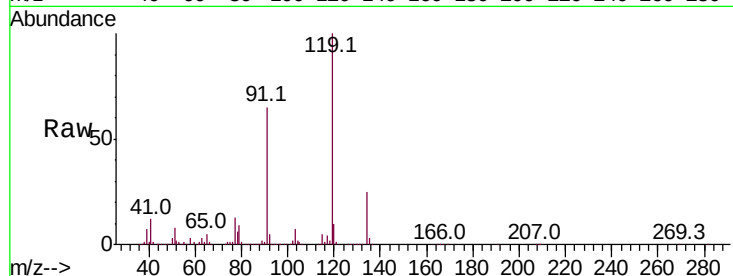
Tot Ion:119 Resp: 215774

Ion Ratio Lower Upper

119 100

91 65.9 32.8 98.4

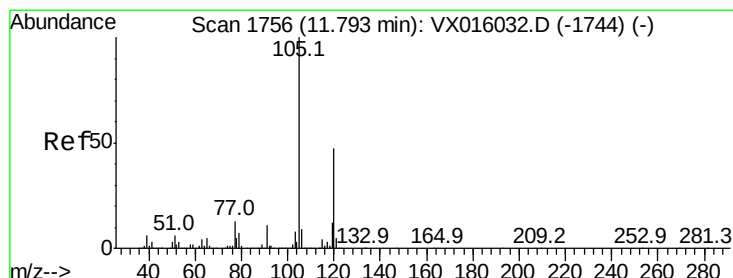
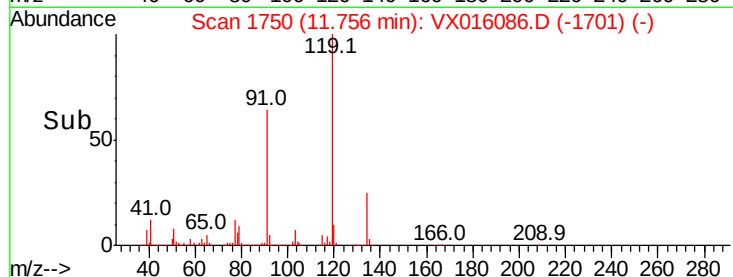
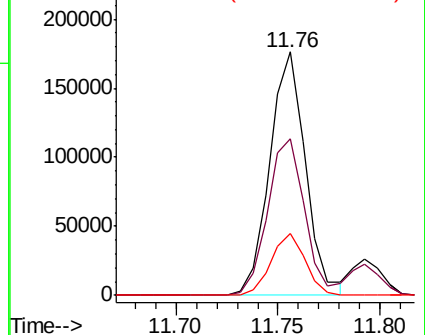
134 24.7 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.901 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016086.D

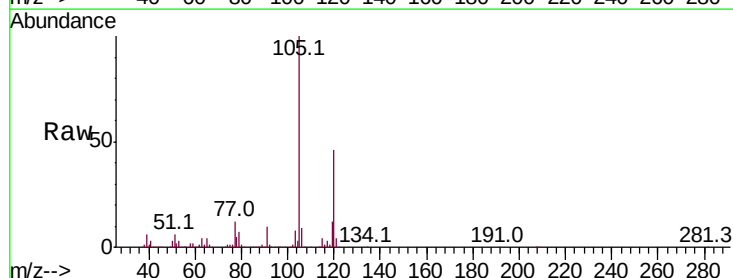
Acq: 07 May 2020 11:34

Tgt Ion:105 Resp: 258123

Ion Ratio Lower Upper

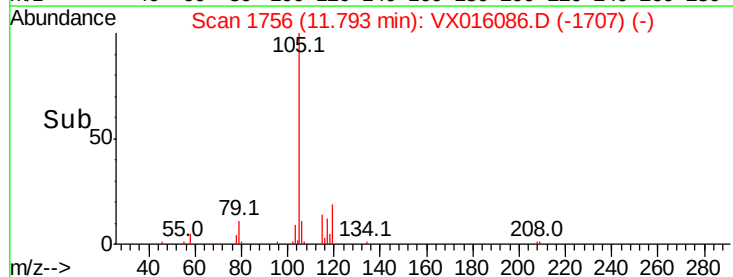
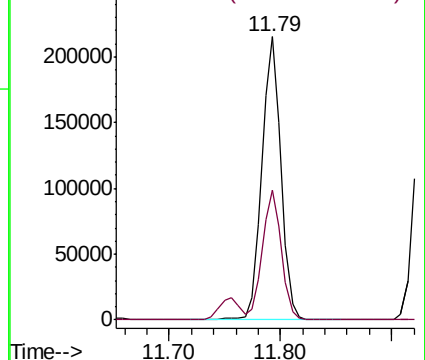
105 100

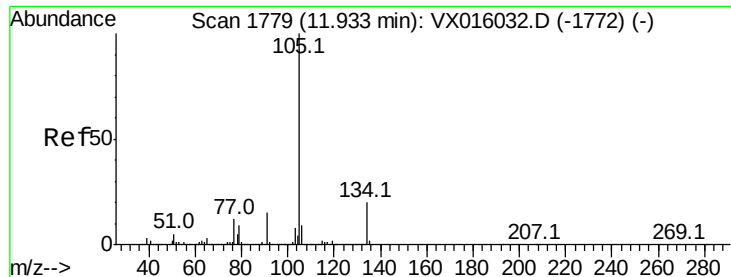
120 45.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

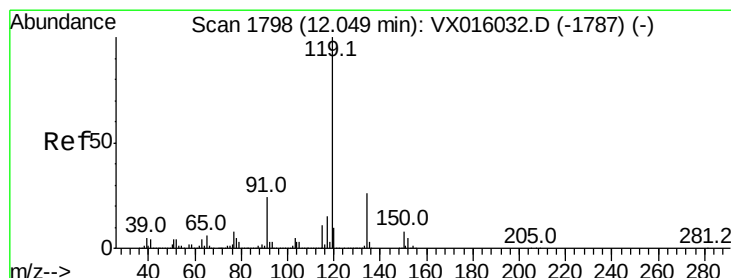
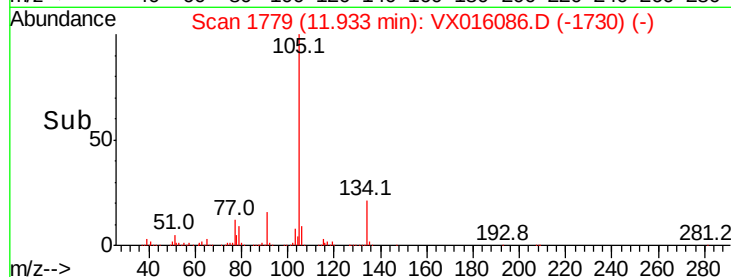
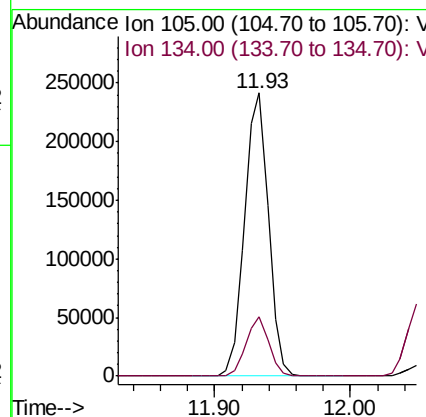
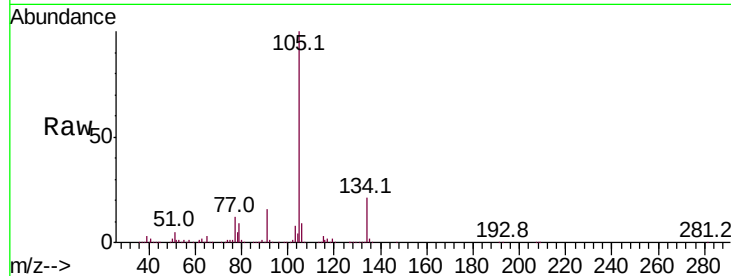




#85
 sec-Butylbenzene
 Concen: 18.696 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

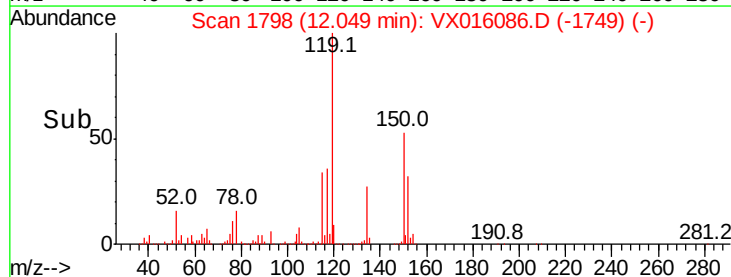
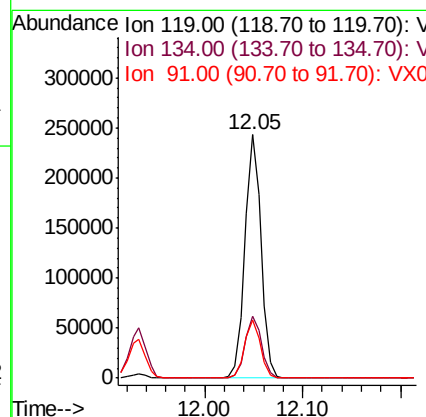
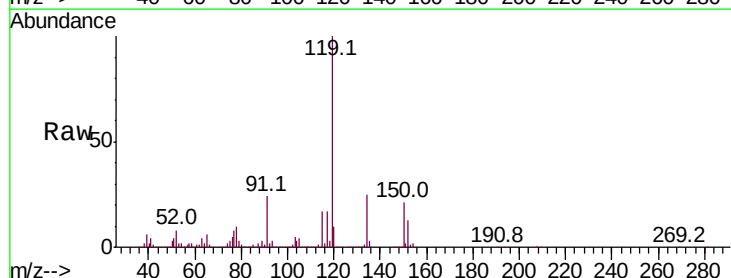
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

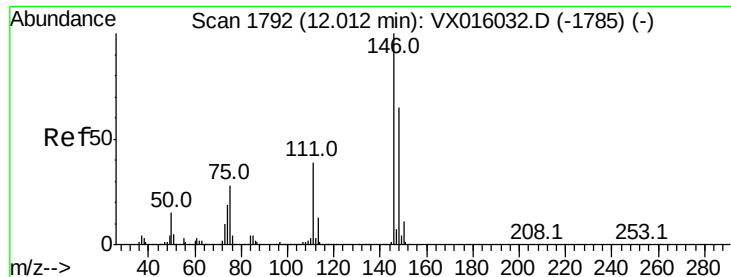
Tot Ion:105 Resp: 293860
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 18.960 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion:119 Resp: 276681
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 23.7 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 18.546 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

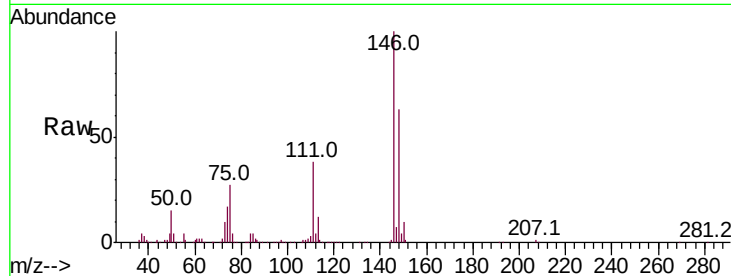
Tot Ion:146 Resp: 137510

Ion Ratio Lower Upper

146 100

111 39.5 20.2 60.6

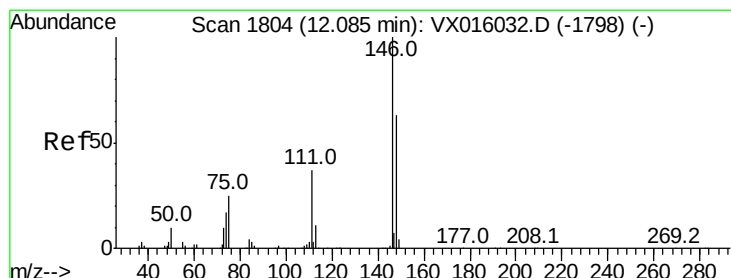
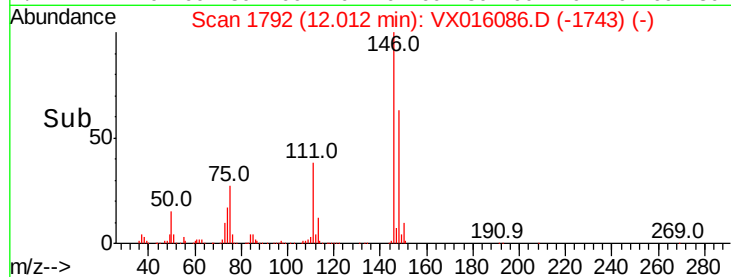
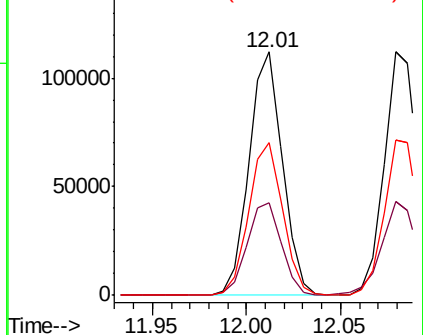
148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.684 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

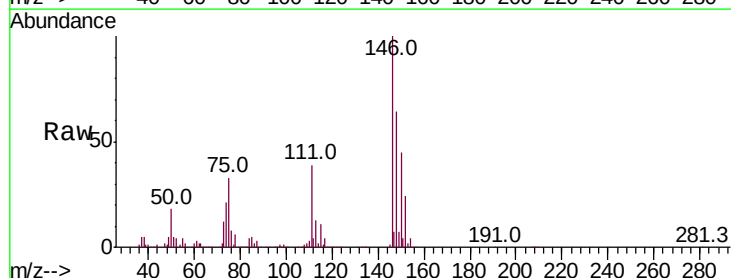
Tgt Ion:146 Resp: 140611

Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.7

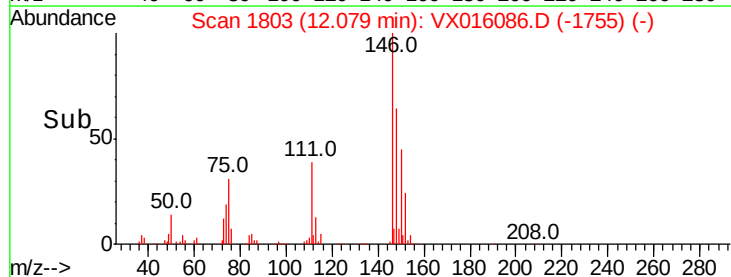
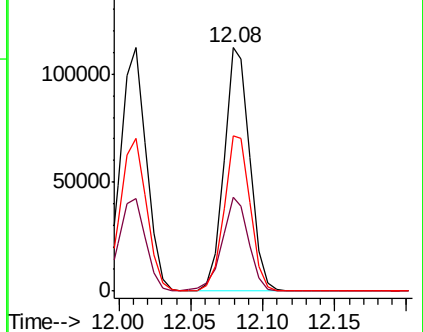
148 64.7 31.8 95.3

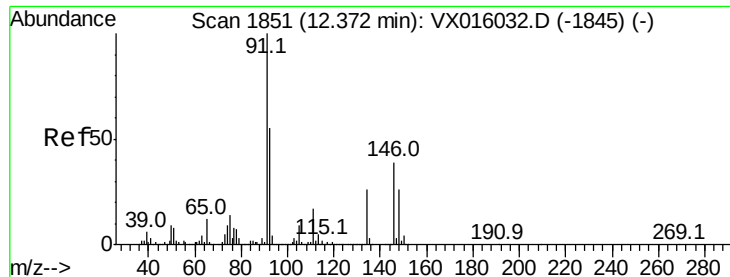


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

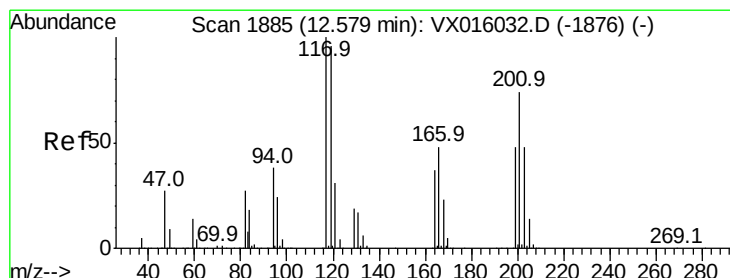
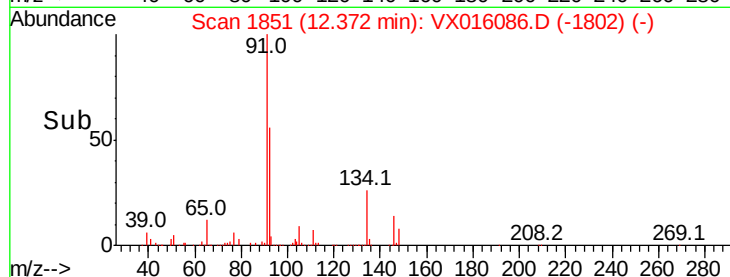
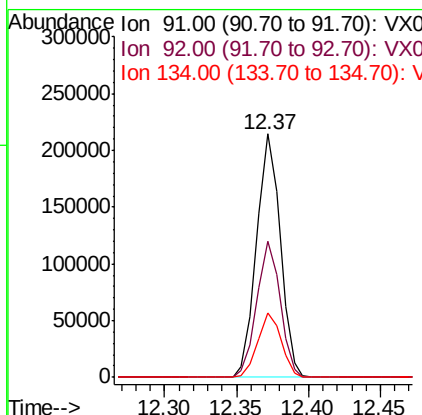
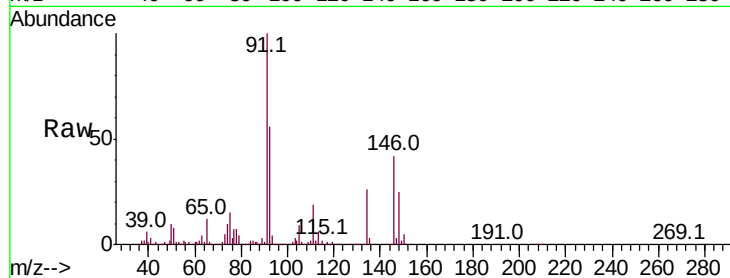




#89
n-Butylbenzene
Concen: 18.225 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

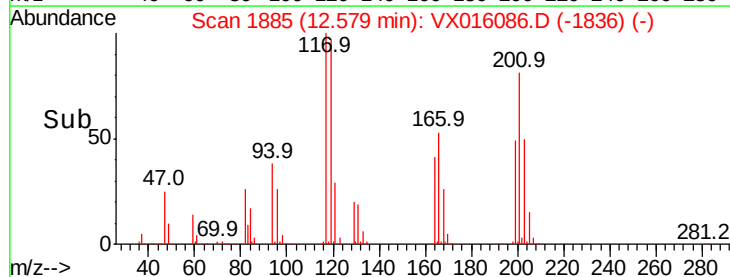
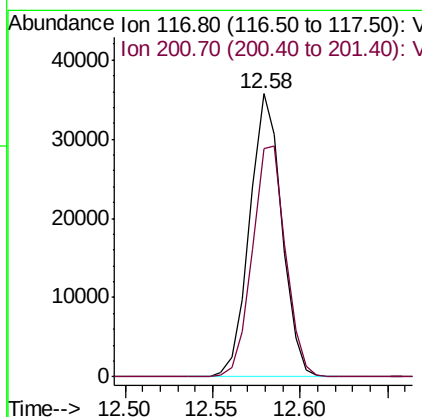
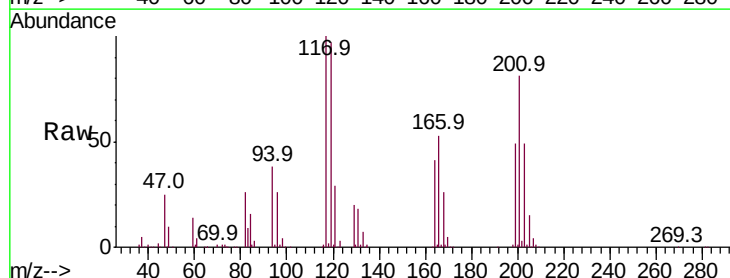
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

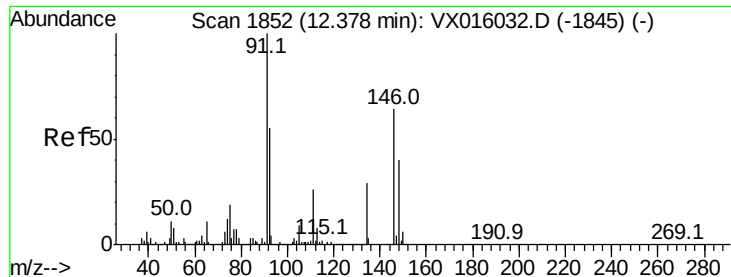
Tot Ion: 91 Resp: 242969
Ion Ratio Lower Upper
91 100
92 55.2 27.6 82.7
134 26.4 13.4 40.1



#90
Hexachloroethane
Concen: 18.192 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion: 117 Resp: 45593
Ion Ratio Lower Upper
117 100
201 84.4 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 18.583 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

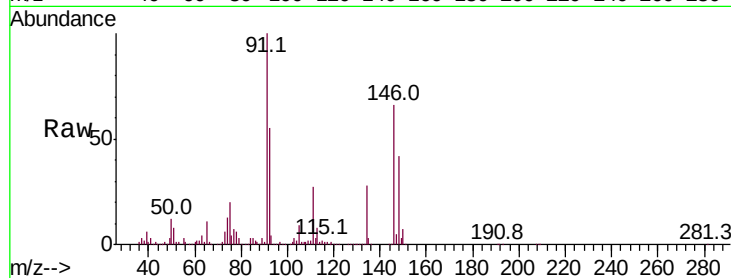
Tot Ion:146 Resp: 132671

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.1

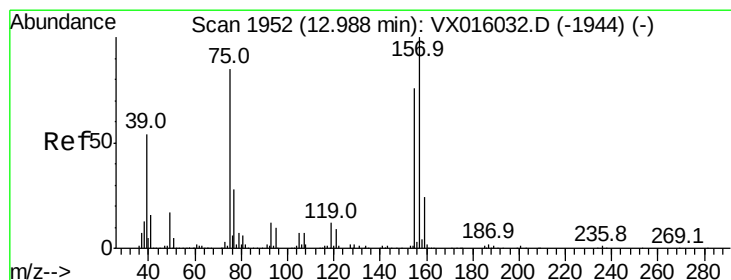
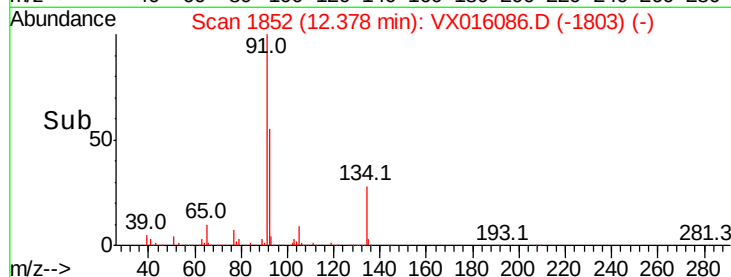
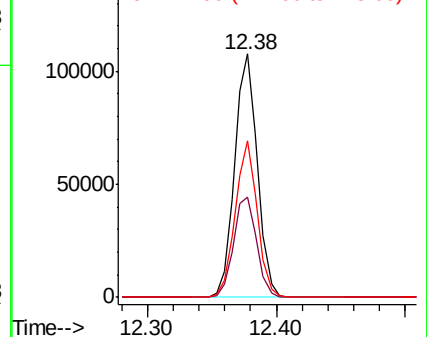
148 62.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.167 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

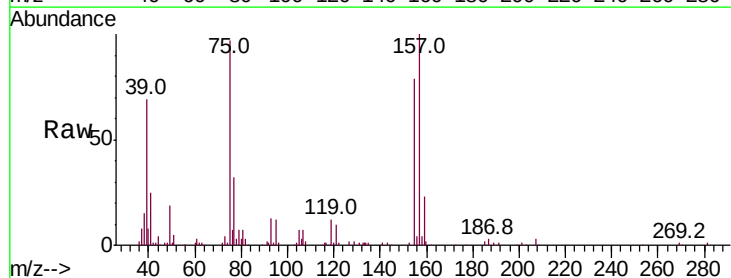
Tgt Ion: 75 Resp: 22583

Ion Ratio Lower Upper

75 100

155 86.1 42.5 127.5

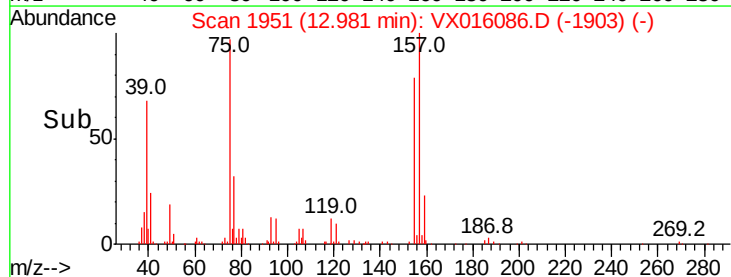
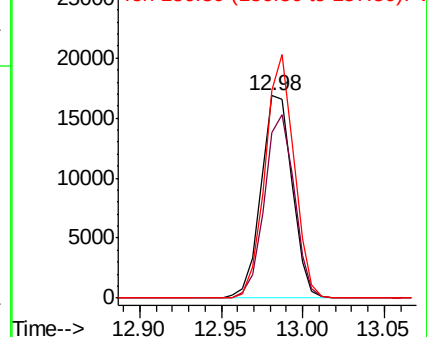
157 110.4 55.3 165.8

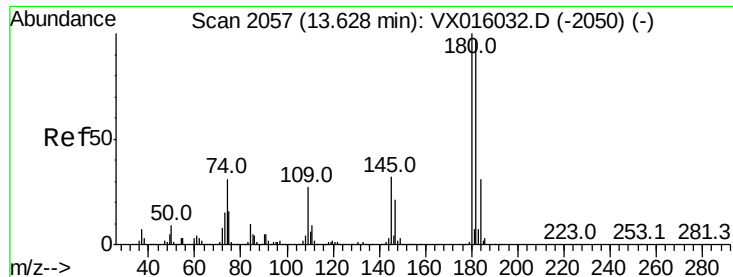


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

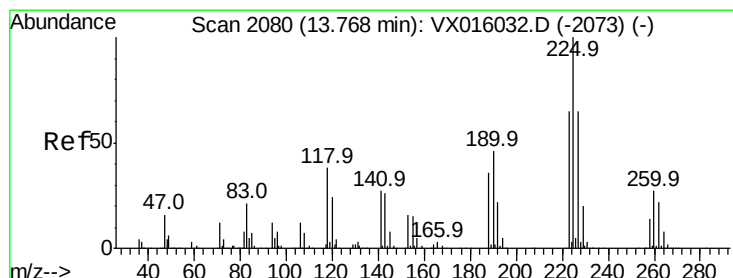
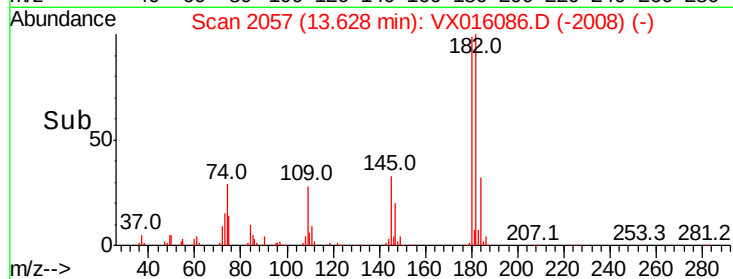
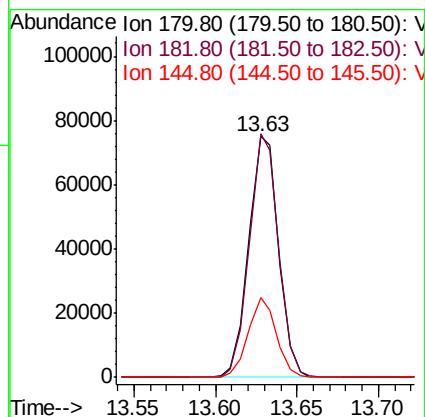
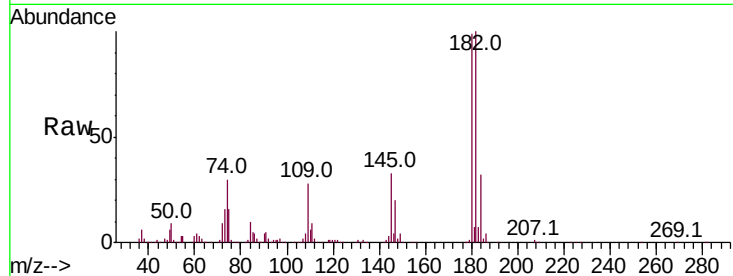




#93
 1,2,4-Trichlorobenzene
 Concen: 18.083 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

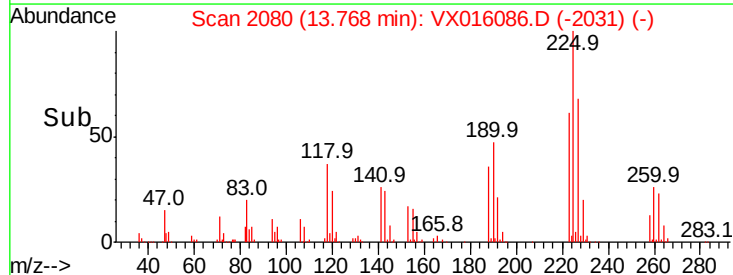
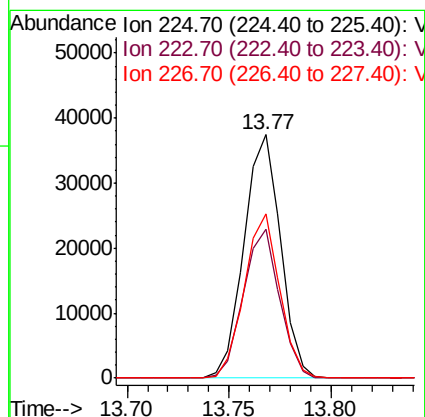
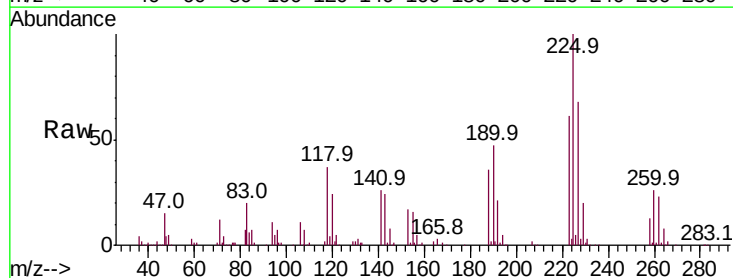
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

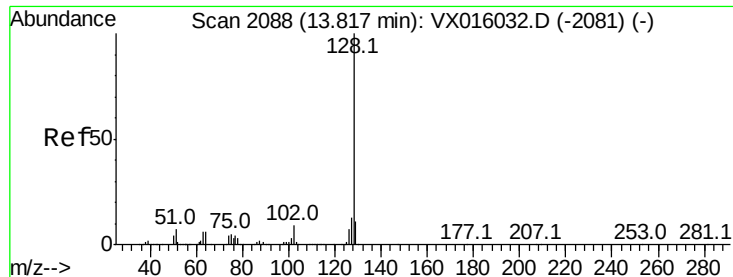
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.5	48.7	146.1
145	31.4	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 20.736 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	32.3	96.9
227	65.5	31.8	95.4

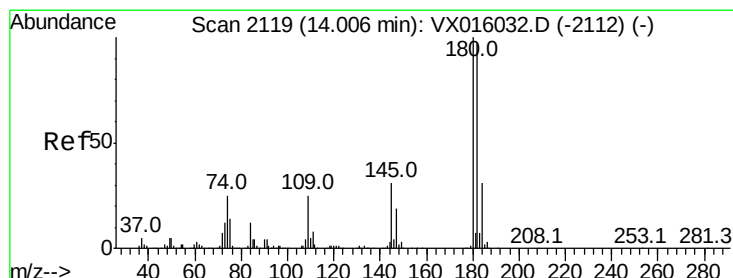
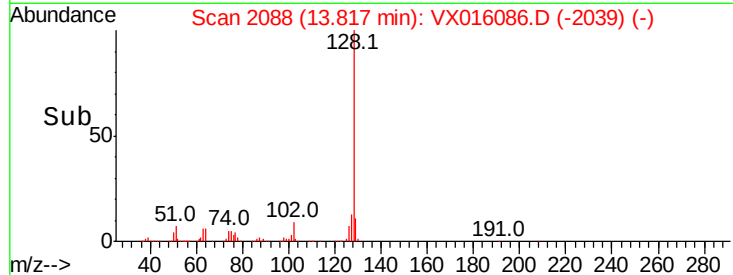
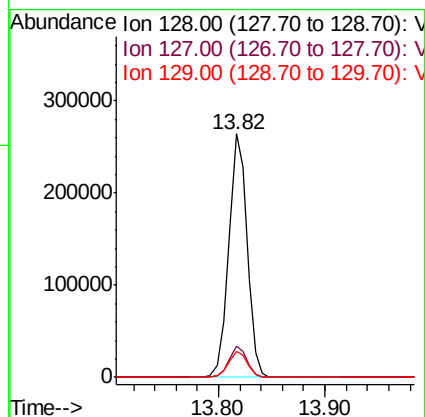
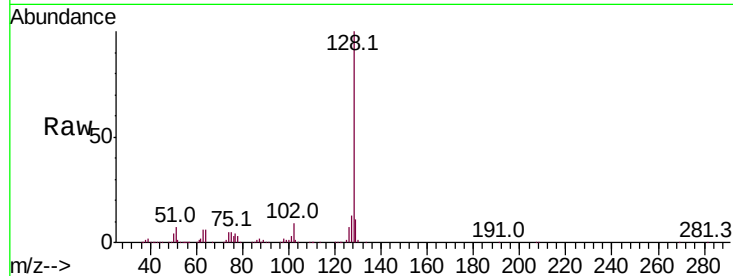




#95
Naphthalene
Concen: 18.708 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampled :
VX0507WBSD01

Tot Ion:128 Resp: 320193
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.912 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion:180 Resp: 97696
Ion Ratio Lower Upper
180 100
182 95.1 48.4 145.0
145 32.2 16.4 49.1

