

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019243.D
 Acq On : 03 Nov 2020 19:17
 Operator : JC/MD
 Sample : PB132785ZHE#10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132785ZHE#10

Quant Time: Nov 04 02:24:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	308834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	540665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	531553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	285818	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	208248	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	
35) Dibromofluoromethane	5.46	113	164013	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
50) Toluene-d8	8.70	98	691225	53.99	ug/l	0.00
Spiked Amount			Recovery	=	107.98%	
62) 4-Bromofluorobenzene	11.12	95	269248	55.53	ug/l	0.00
Spiked Amount			Recovery	=	111.06%	

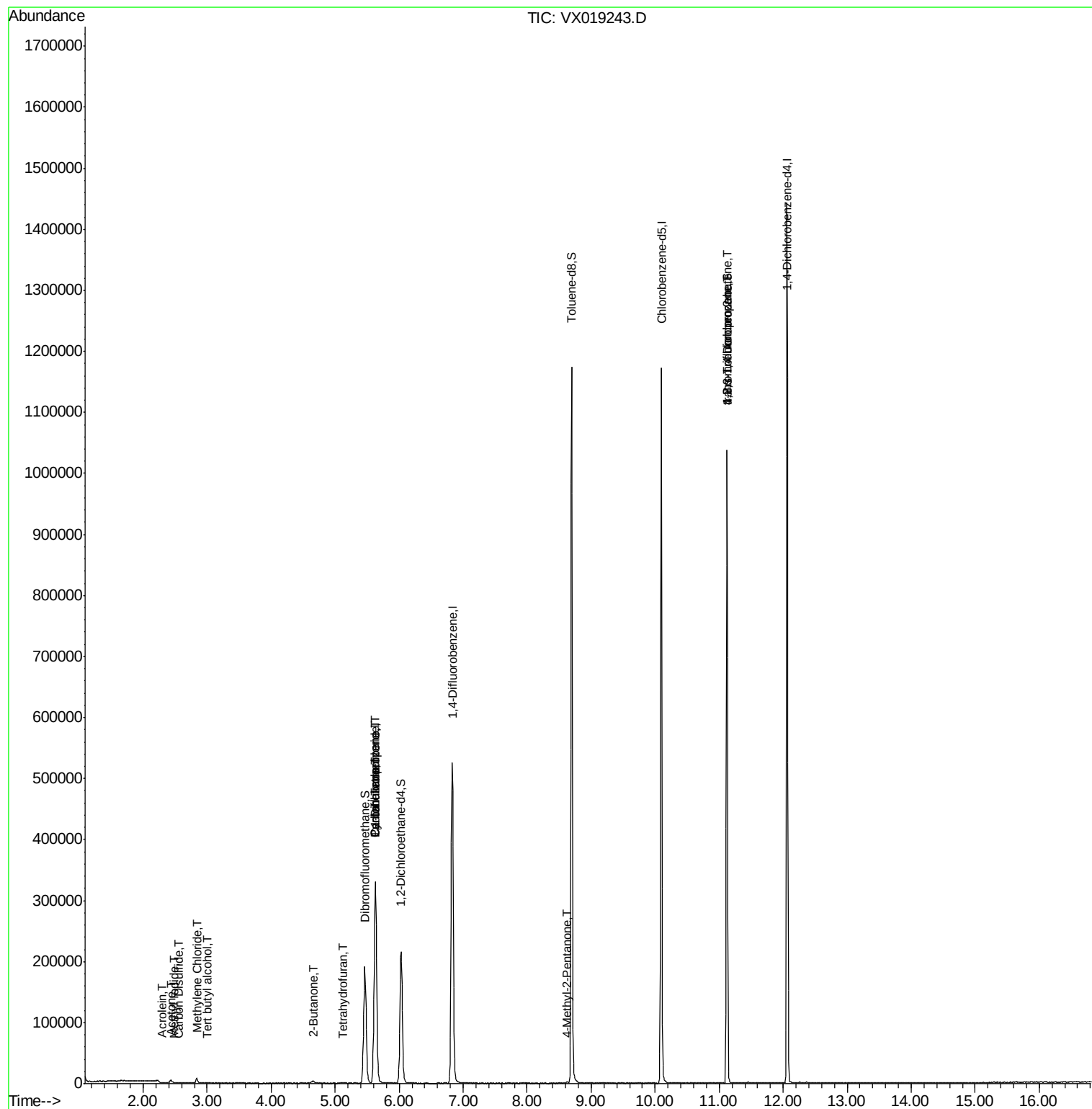
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.49	142	145	6.415	ug/l #	39
11) Tert butyl alcohol	3.00	59	313	0.398	ug/l #	72
13) Acrolein	2.29	56	20	5.703	ug/l #	1
16) Acetone	2.43	43	6241	4.542	ug/l	100
17) Carbon Disulfide	2.55	76	629	0.832	ug/l #	71
20) Methylene Chloride	2.84	84	4034	1.169	ug/l	96
25) 2-Butanone	4.66	43	1425	0.658	ug/l	96
29) Tetrahydrofuran	5.11	42	926	0.679	ug/l #	78
31) Cyclohexane	5.62	56	6679	1.327	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	25935	5.195	ug/l #	49
38) Carbon Tetrachloride	5.63	117	31838	6.256	ug/l #	17
51) 4-Methyl-2-Pentanone	8.62	43	1611	0.361	ug/l #	81
76) 1,2,3-Trichloropropane	11.12	75	139162	23.581	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	139162	62.088	ug/l #	12

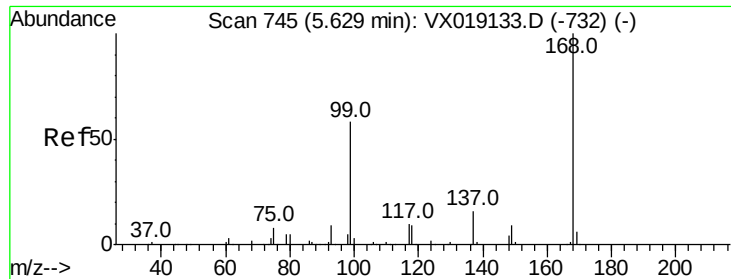
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110420\
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Instrument :
MSVOA_X
ClientSampled :
PB132785ZHE#10

Quant Time: Nov 04 02:24:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019243.D

Acq: 03 Nov 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

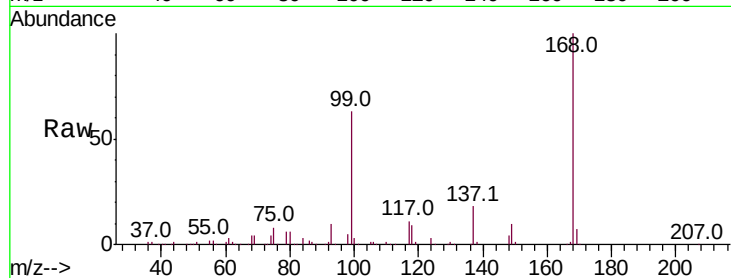
PB132785ZHE#10

Tot Ion:168 Resp: 308834

Ion Ratio Lower Upper

168 100

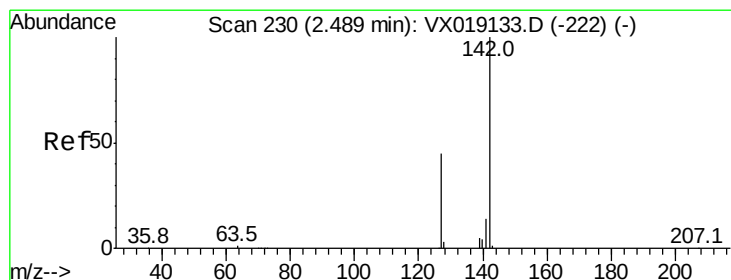
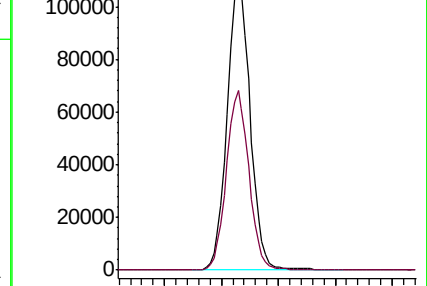
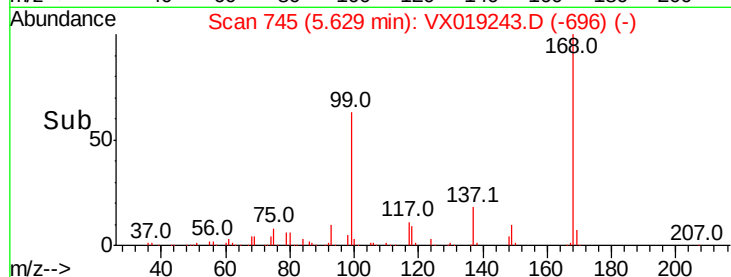
99 63.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63



#10

Methyl Iodide

Concen: 6.415 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019243.D

Acq: 03 Nov 2020 19:17

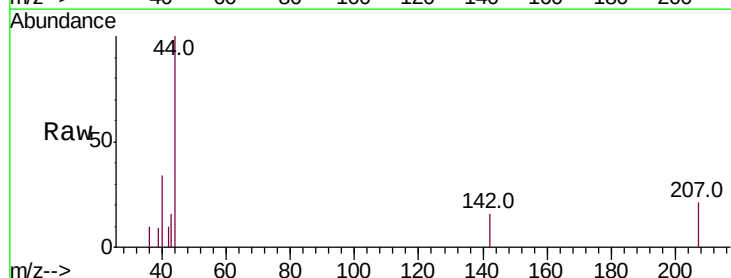
Tgt Ion:142 Resp: 145

Ion Ratio Lower Upper

142 100

127 0.0 36.1 54.1#

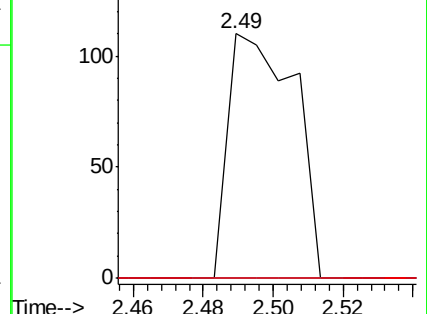
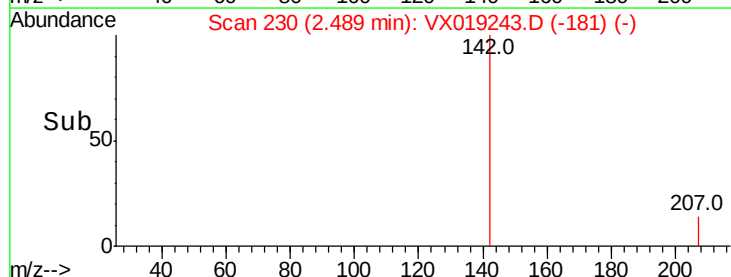
141 0.0 11.3 16.9#

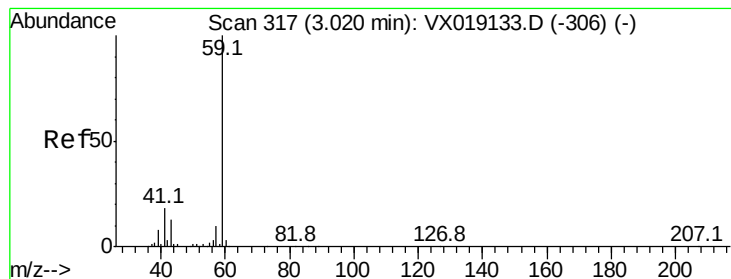


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



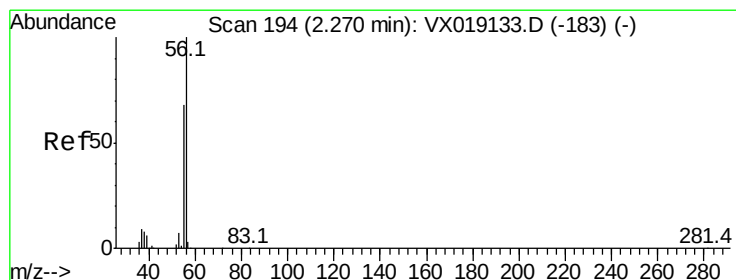
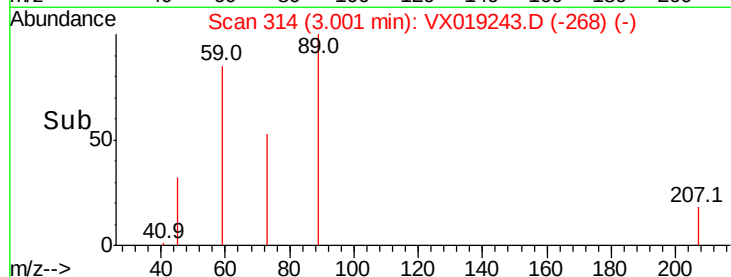
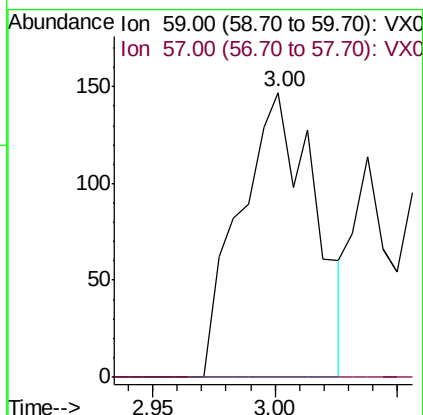
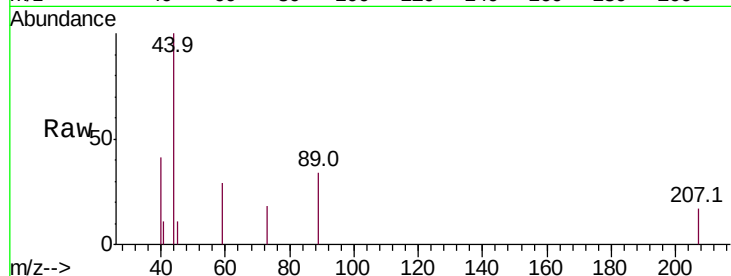


#11

Tert butyl alcohol
Concen: 0.398 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX019243.D
Acq: 03 Nov 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
PB132785ZHE#10

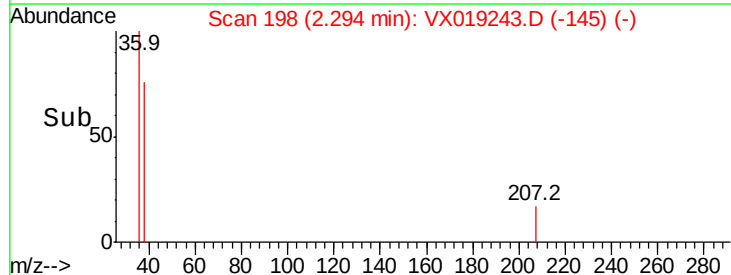
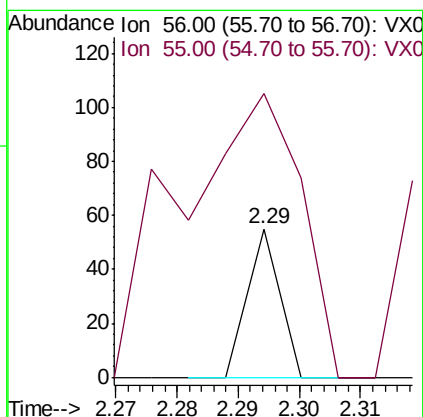
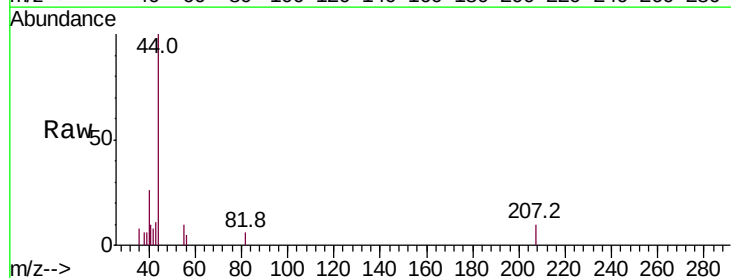
Tot Ion: 59 Resp: 313
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

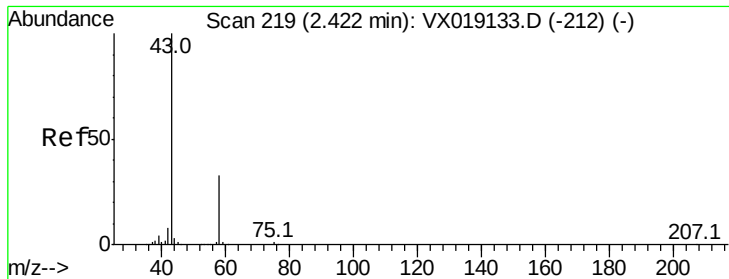


#13

Acrolein
Concen: 5.703 ug/l
RT: 2.29 min Scan# 198
Delta R.T. 0.03 min
Lab File: VX019243.D
Acq: 03 Nov 2020 19:17

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 725.0 54.7 82.1#





#16

Acetone

Concen: 4.542 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019243.D

Acq: 03 Nov 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

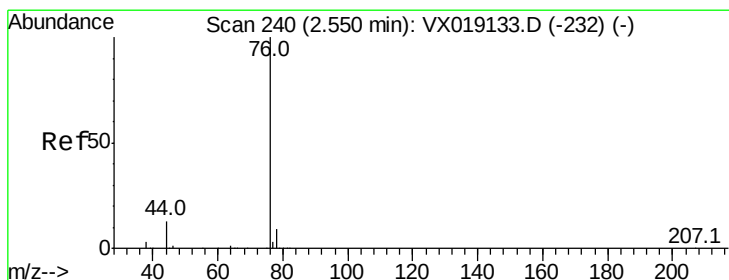
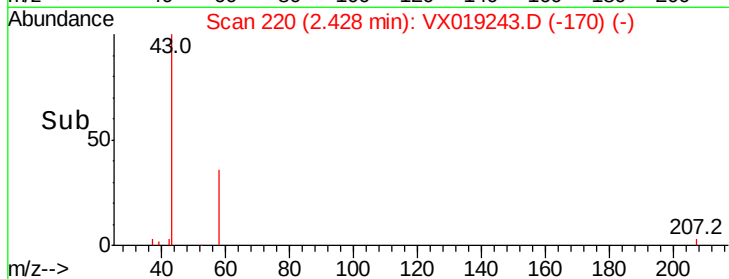
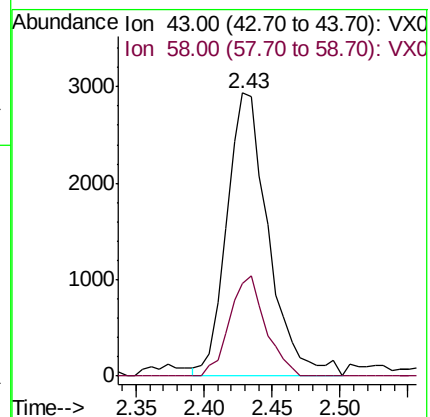
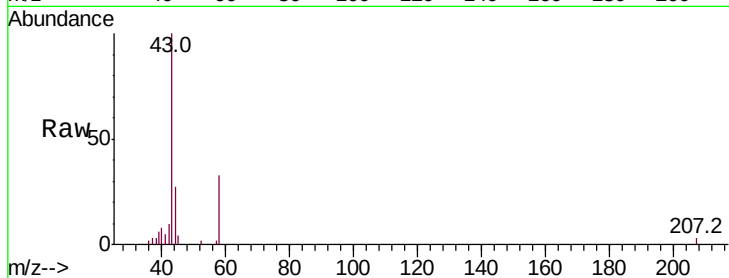
PB132785ZHE#10

Tot Ion: 43 Resp: 6241

Ion Ratio Lower Upper

43 100

58 32.9 26.3 39.5



#17

Carbon Disulfide

Concen: 0.832 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019243.D

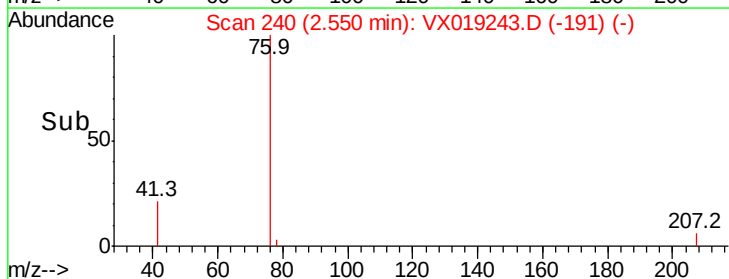
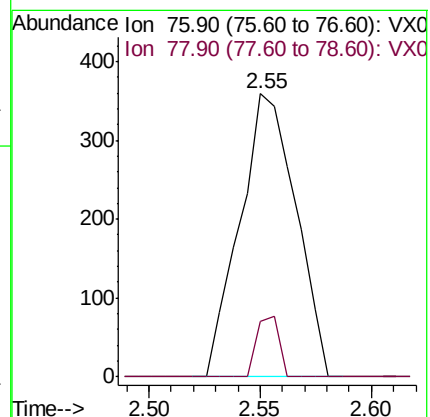
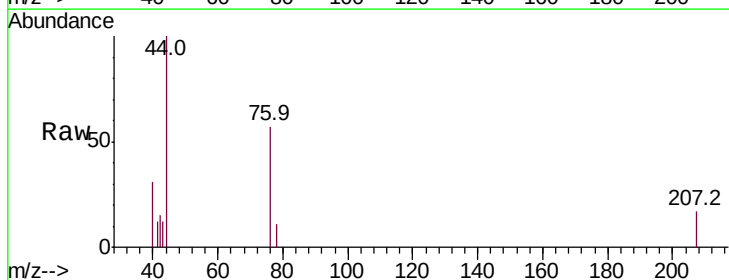
Acq: 03 Nov 2020 19:17

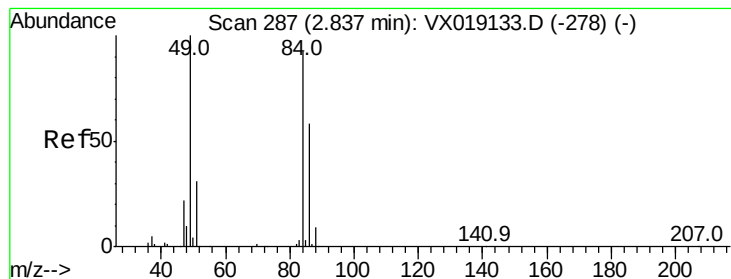
Tgt Ion: 76 Resp: 629

Ion Ratio Lower Upper

76 100

78 19.5 7.3 10.9#





#20

Methvlene Chloride

Concen: 1.169 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX019243.D

Acq: 03 Nov 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

PB132785ZHE#10

Tot Ion: 84 Resp: 4034

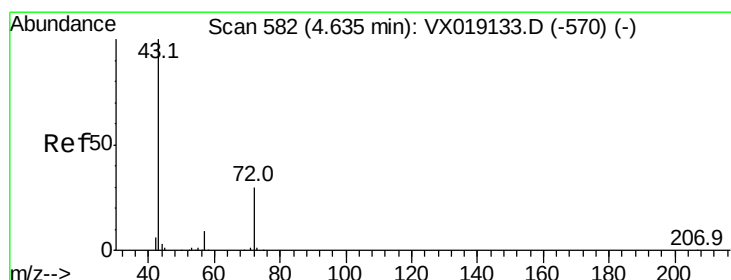
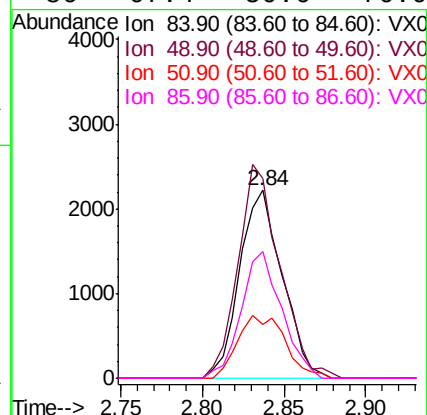
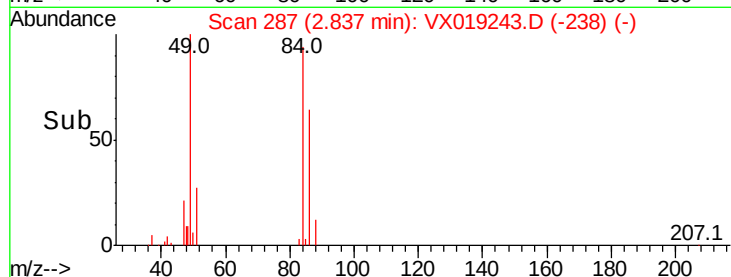
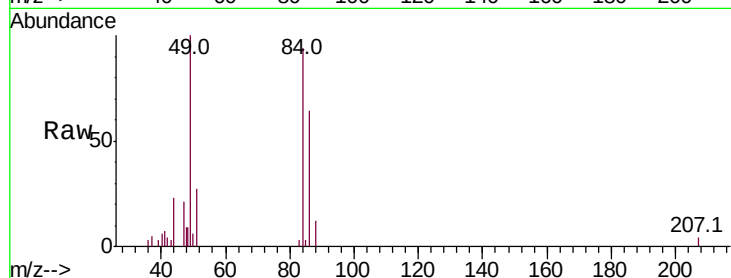
Ion Ratio Lower Upper

84 100

49 106.0 86.8 130.2

51 28.7 27.3 40.9

86 67.4 50.6 76.0



#25

2-Butanone

Concen: 0.658 ug/l

RT: 4.66 min Scan# 586

Delta R.T. 0.02 min

Lab File: VX019243.D

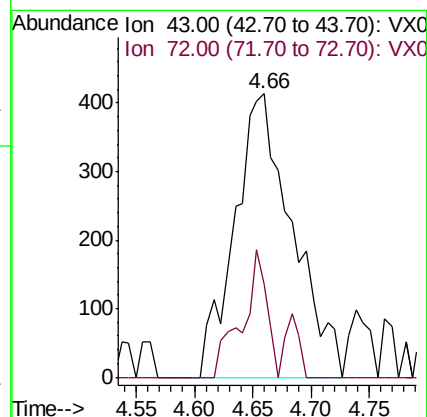
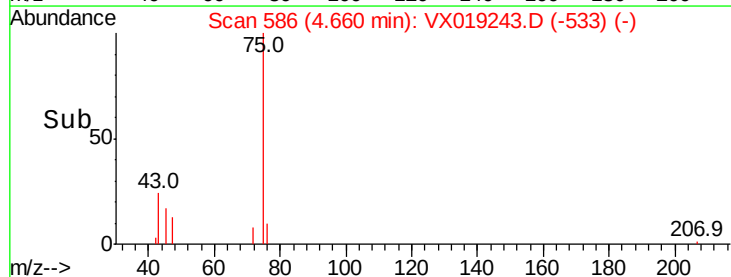
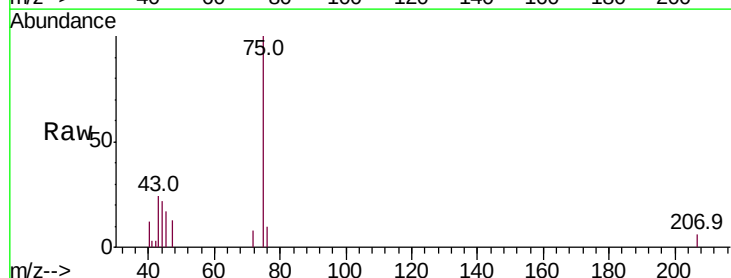
Acq: 03 Nov 2020 19:17

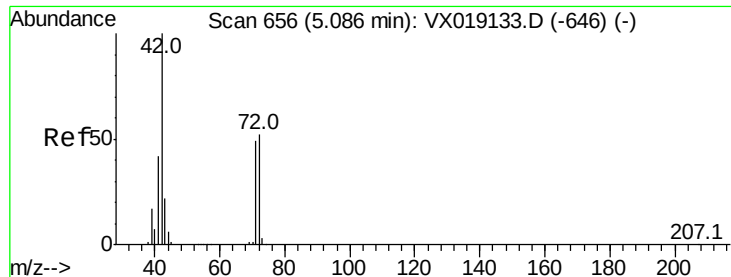
Tgt Ion: 43 Resp: 1425

Ion Ratio Lower Upper

43 100

72 32.9 24.6 36.8





#29

Tetrahydrofuran

Concen: 0.679 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX019243.D

Acq: 03 Nov 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

PB132785ZHE#10

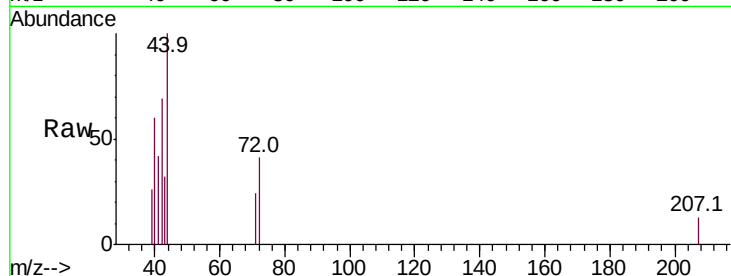
Tot Ion: 42 Resp: 926

Ion Ratio Lower Upper

42 100

72 39.6 42.6 63.8#

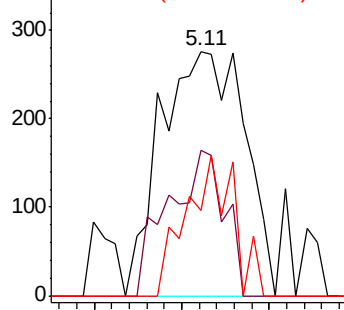
71 32.3 39.7 59.5#



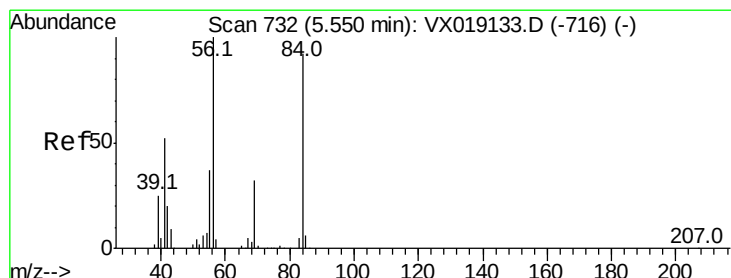
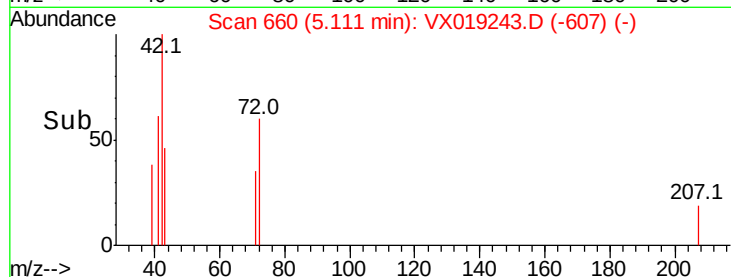
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->



#31

Cyclohexane

Concen: 1.327 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.07 min

Lab File: VX019243.D

Acq: 03 Nov 2020 19:17

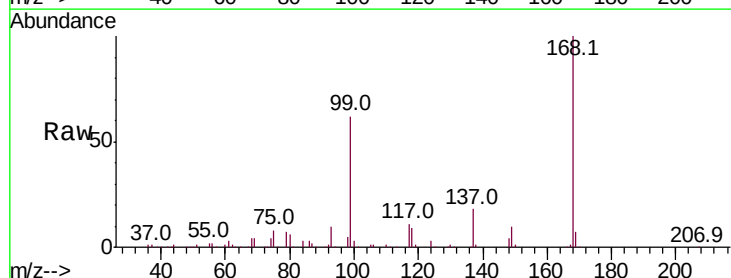
Tgt Ion: 56 Resp: 6679

Ion Ratio Lower Upper

56 100

69 166.9 25.9 38.9#

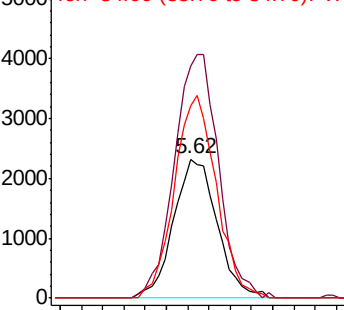
84 138.6 73.4 110.2#



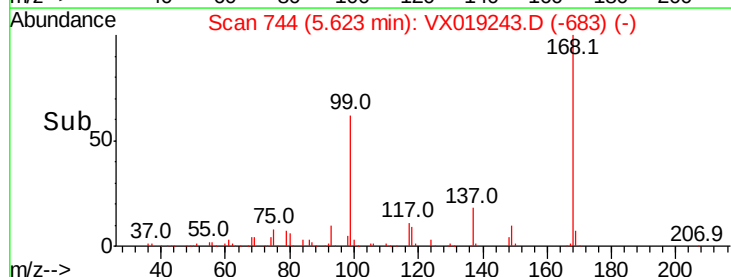
Abundance Ion 56.00 (55.70 to 56.70): VX0

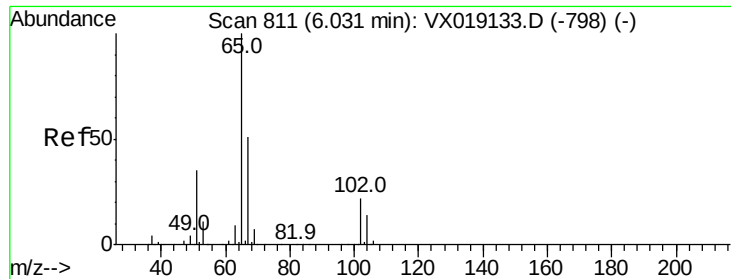
Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



Time-->

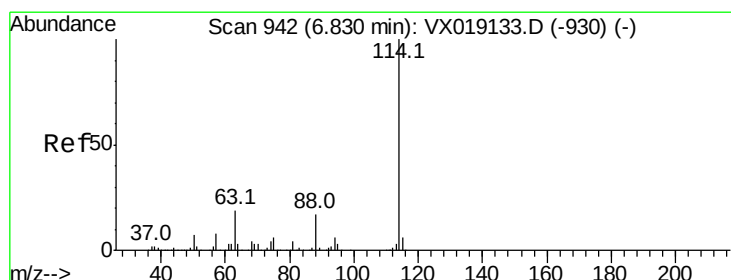
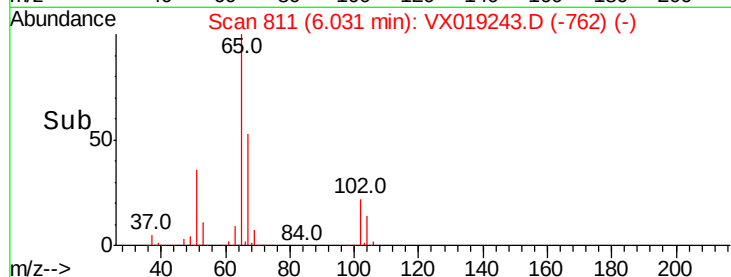
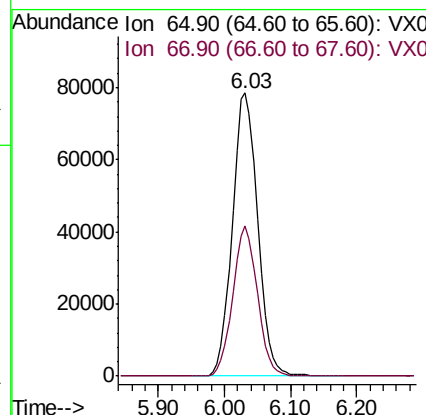
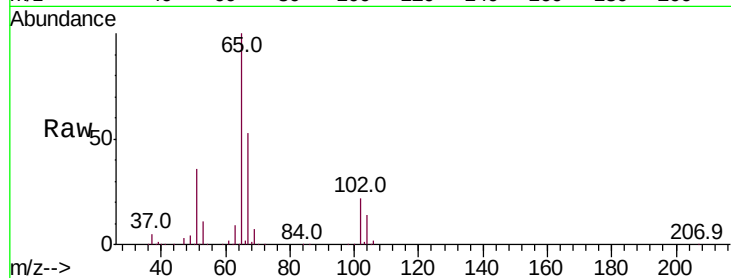




#33
 1,2-Dichloroethane-d4
 Concen: 52.287 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019243.D
 Acq: 03 Nov 2020 19:17

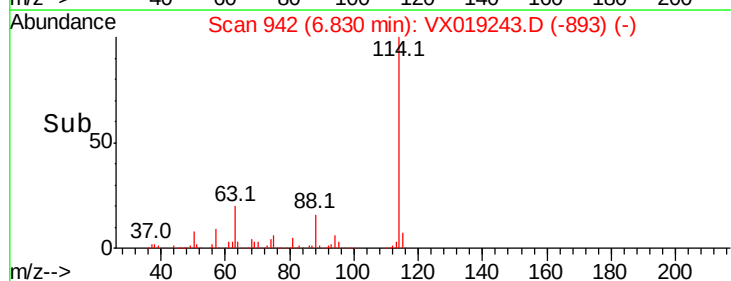
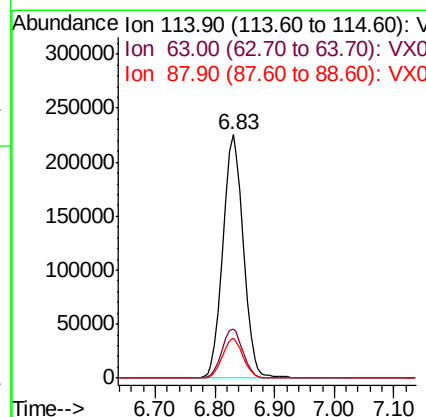
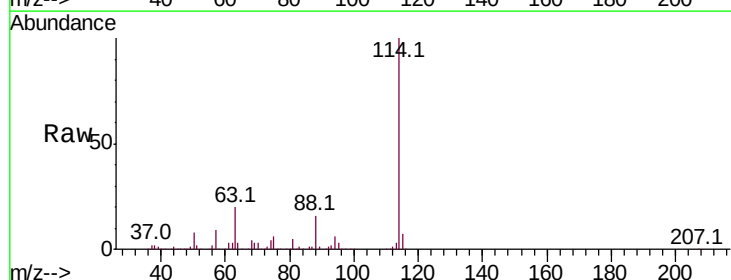
Instrument :
 MSVOA_X
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 PB132785ZHE#10

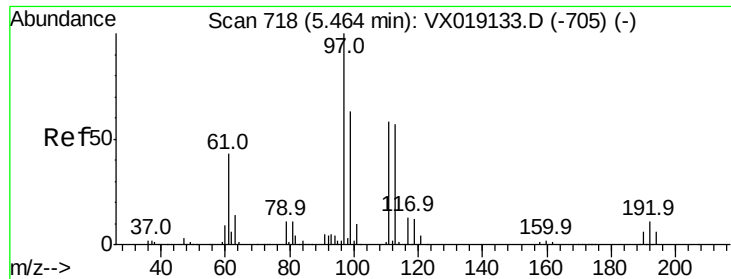
Tot Ion: 65 Resp: 208248
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019243.D
 Acq: 03 Nov 2020 19:17

Tgt Ion: 114 Resp: 540665
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.8
 88 16.2 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.294 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019243.D

Acq: 03 Nov 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

PB132785ZHE#10

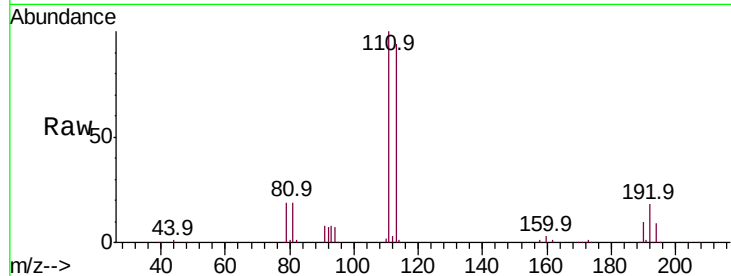
Tot Ion:113 Resp: 164013

Ion Ratio Lower Upper

113 100

111 104.7 82.3 123.5

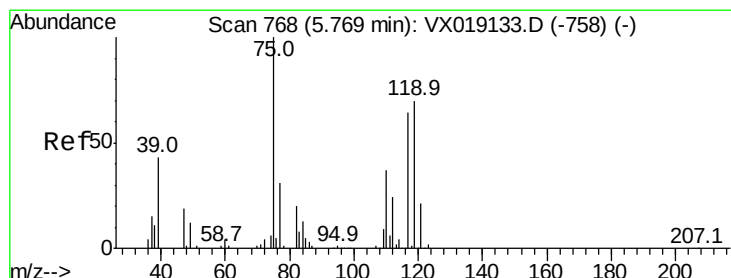
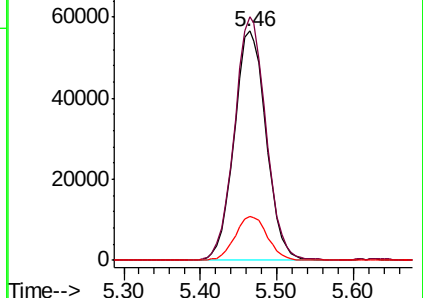
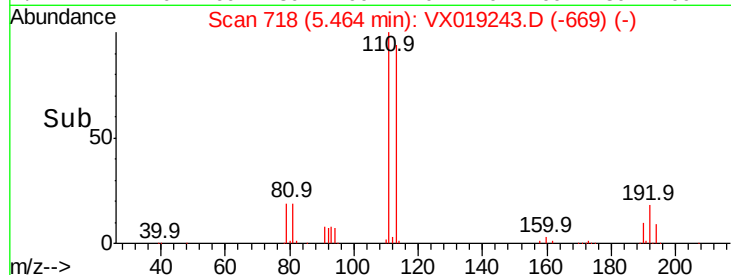
192 19.5 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.195 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX019243.D

Acq: 03 Nov 2020 19:17

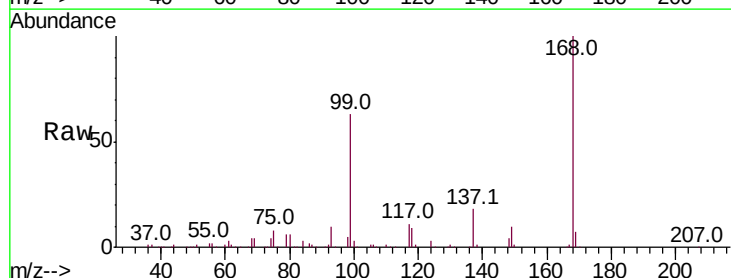
Tgt Ion: 75 Resp: 25935

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.9#

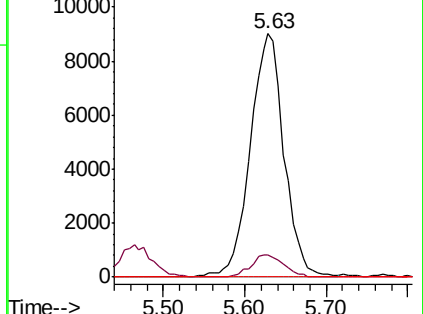
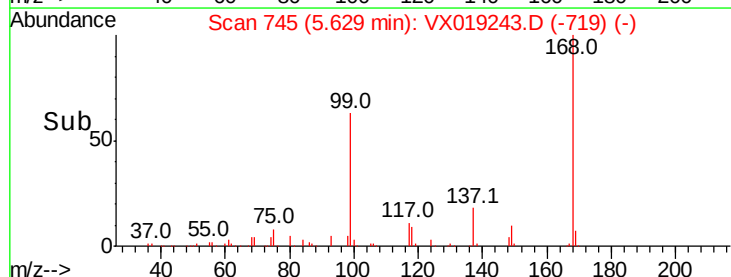
77 0.0 24.9 37.3#

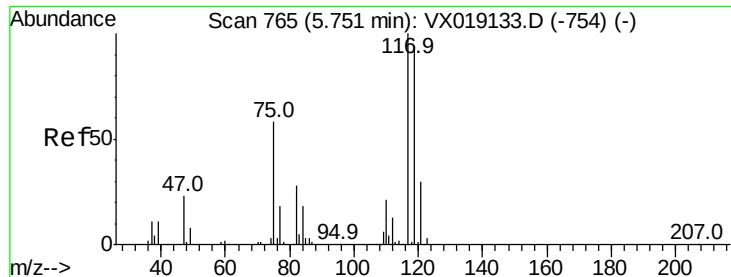


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

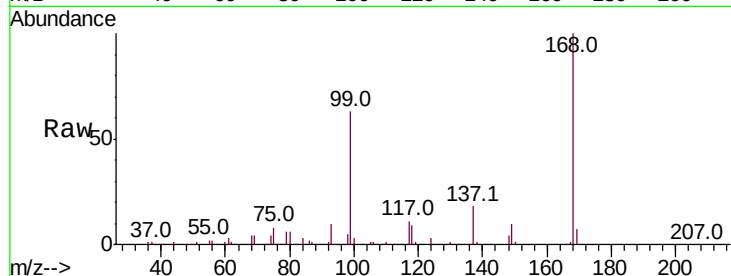




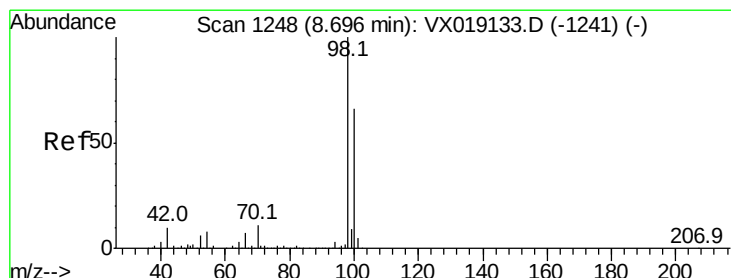
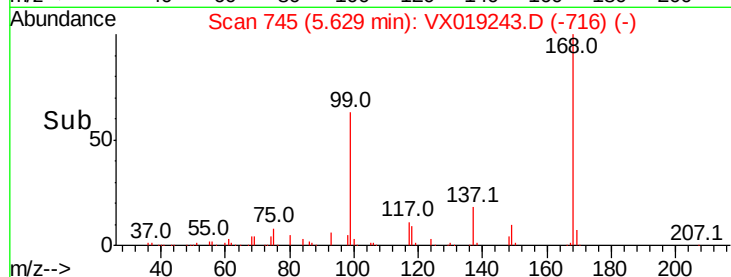
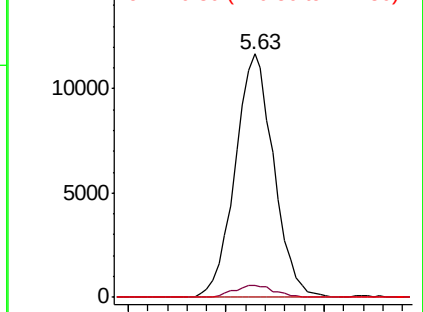
#38
Carbon Tetrachloride
Concen: 6.256 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019243.D
Acq: 03 Nov 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
PB132785ZHE#10

Tot Ion:117 Resp: 31838
Ion Ratio Lower Upper
117 100
119 4.8 75.0 112.6#
121 0.0 23.9 35.9#

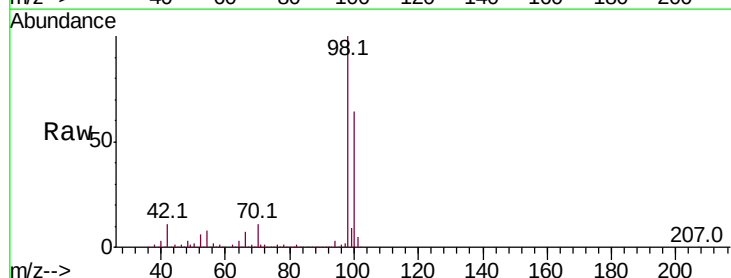


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

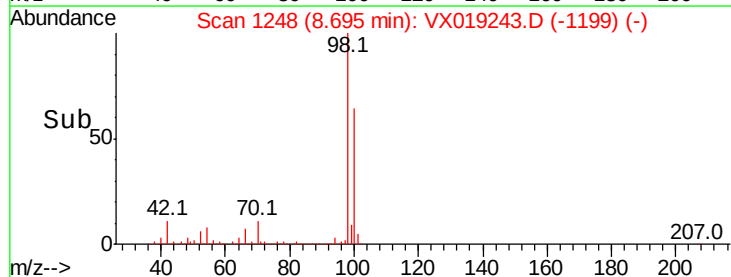
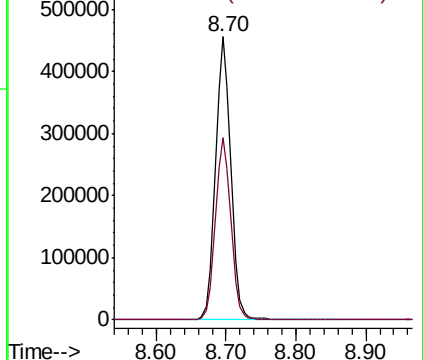


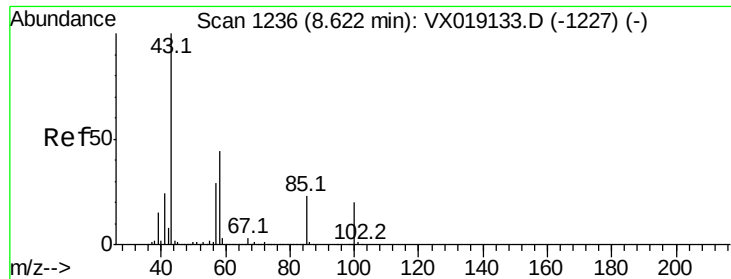
#50
Toluene-d8
Concen: 53.993 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019243.D
Acq: 03 Nov 2020 19:17

Tgt Ion: 98 Resp: 691225
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

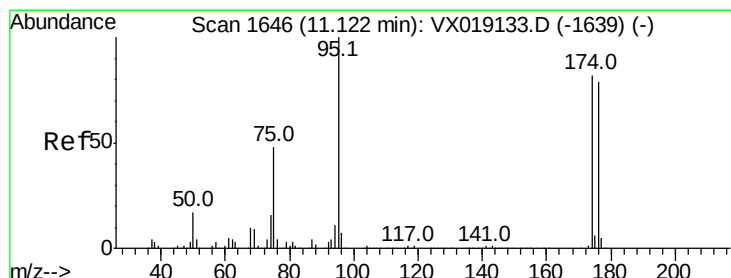
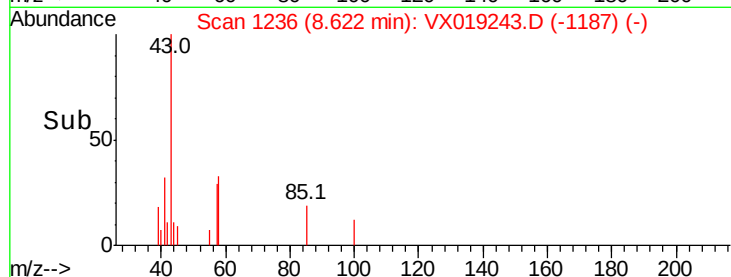
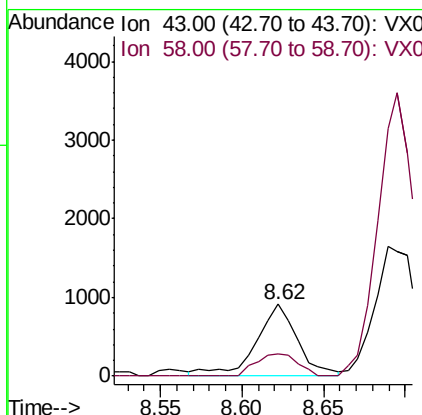
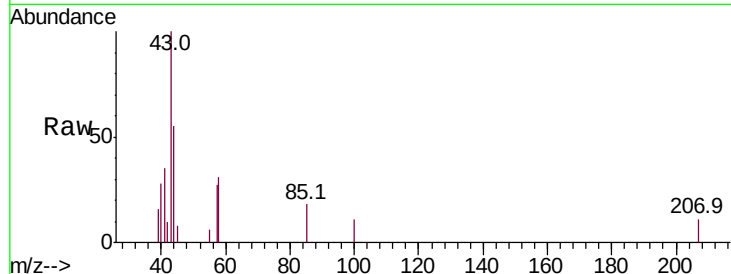




#51
4-Methyl-2-Pentanone
Concen: 0.361 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019243.D
Acq: 03 Nov 2020 19:17

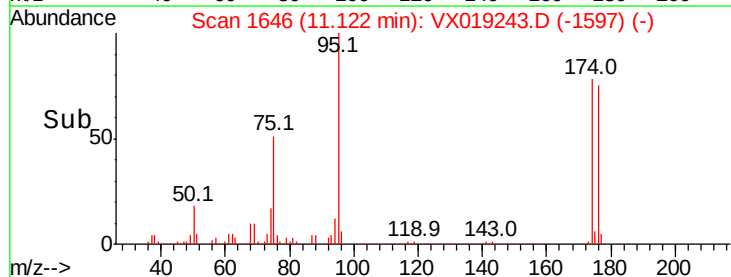
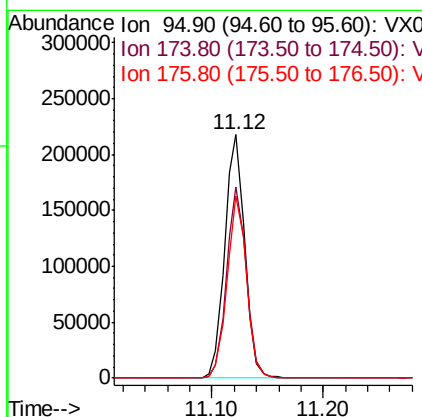
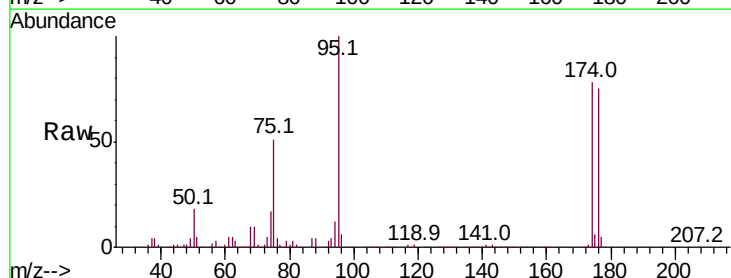
Instrument :
MSVOA_X
ClientSampleId :
PB132785ZHE#10

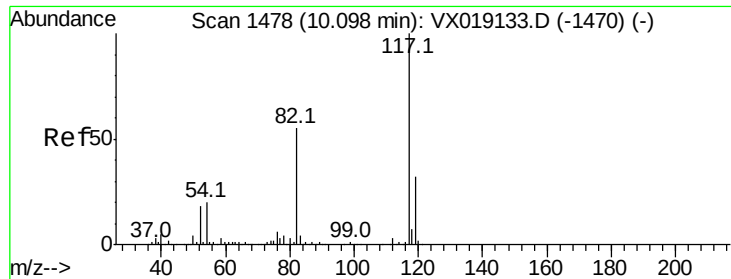
Tot Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
58 31.2 35.0 52.4#



#62
4-Bromofluorobenzene
Concen: 55.535 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019243.D
Acq: 03 Nov 2020 19:17

Tgt Ion: 95 Resp: 269248
Ion Ratio Lower Upper
95 100
174 77.6 0.0 156.0
176 73.2 0.0 149.8

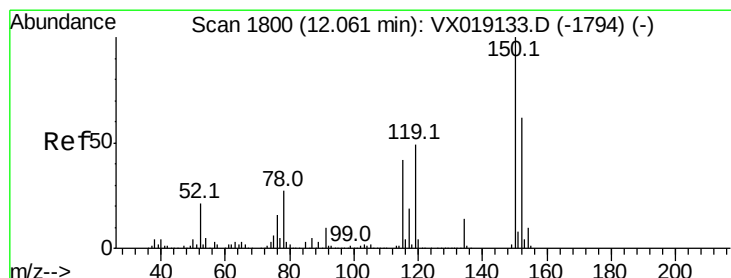
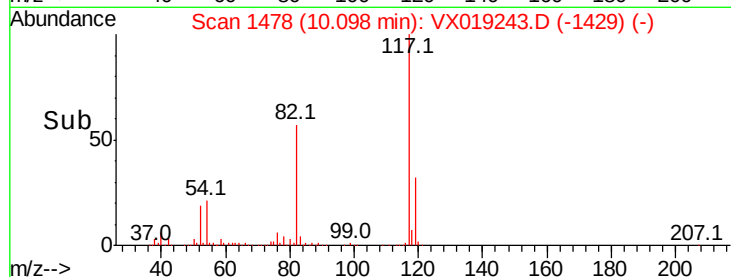
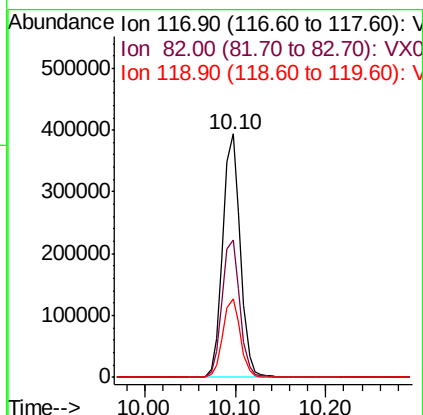
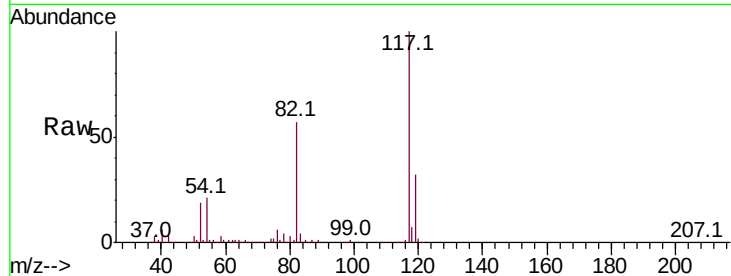




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019243.D
Acq: 03 Nov 2020 19:17

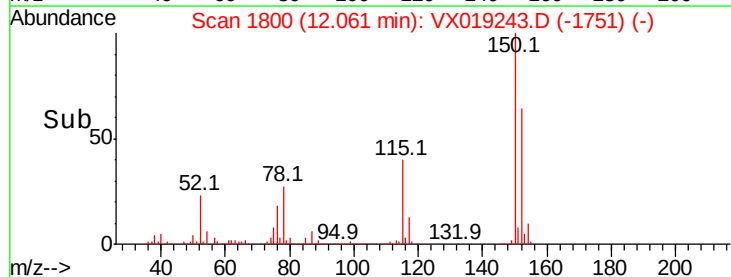
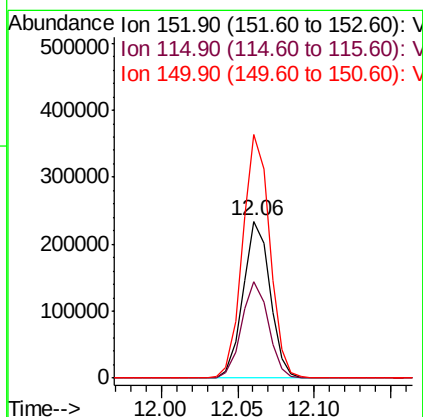
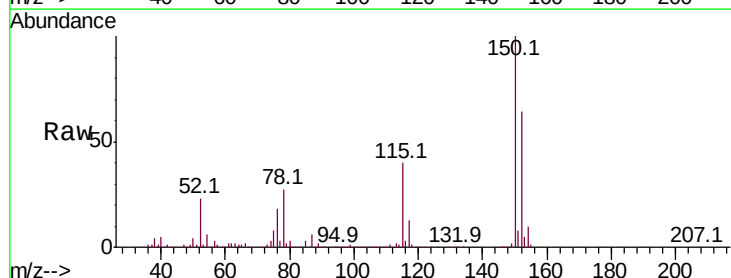
Instrument :
MSVOA_X
ClientSampleId :
PB132785ZHE#10

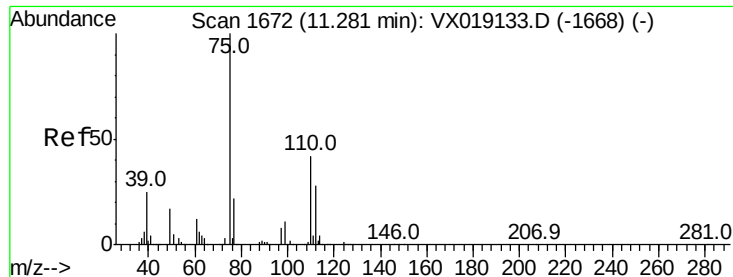
Tot Ion:117 Resp: 531553
Ion Ratio Lower Upper
117 100
82 56.5 43.6 65.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019243.D
Acq: 03 Nov 2020 19:17

Tgt Ion:152 Resp: 285818
Ion Ratio Lower Upper
152 100
115 61.2 41.9 125.7
150 156.8 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 23.581 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019243.D

Acq: 03 Nov 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

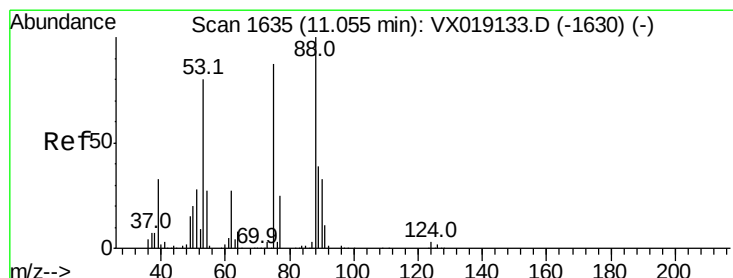
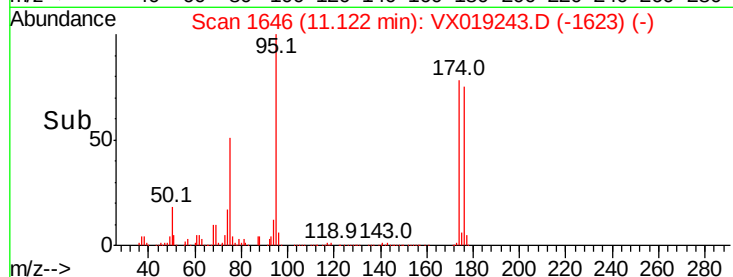
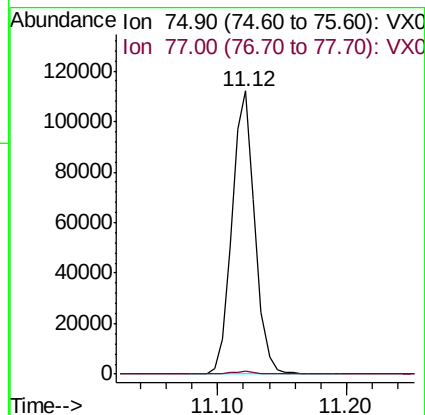
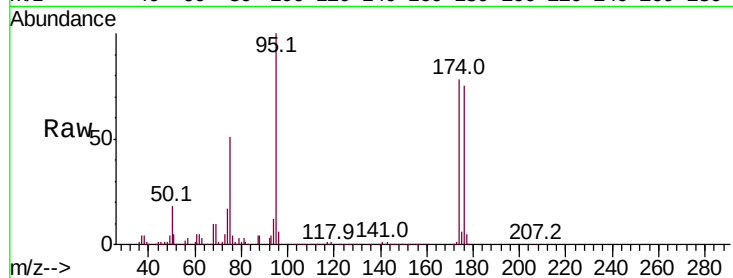
PB132785ZHE#10

Tot Ion: 75 Resp: 139162

Ion Ratio Lower Upper

75 100

77 1.1 20.3 60.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.088 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019243.D

Acq: 03 Nov 2020 19:17

Tgt Ion: 75 Resp: 139162

Ion Ratio Lower Upper

75 100

53 0.0 73.3 109.9#

89 0.0 38.2 57.2#

