

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019515.D
 Acq On : 21 Nov 2020 00:26
 Operator : JC/MD
 Sample : PB133122TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133122TB

Quant Time: Nov 21 05:33:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	463924	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	163679	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	175075	46.58	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.16%	
35) Dibromofluoromethane		5.46	113	139998	48.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.16%	
50) Toluene-d8		8.70	98	554680	49.02	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.04%	
62) 4-Bromofluorobenzene		11.12	95	178468	43.84	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	379	0.287	ug/l #	51
6) Chloroethane	1.72	64	459	Below Cal	#	41
11) Tert butyl alcohol	2.99	59	8683	12.207	ug/l #	75
13) Acrolein	2.27	56	542	1.134	ug/l #	58
15) Acrylonitrile	3.12	53	582	0.347	ug/l	95
16) Acetone	2.43	43	15057	10.359	ug/l	99
17) Carbon Disulfide	2.54	76	3368	0.436	ug/l	97
18) Methyl Acetate	2.75	43	1952	1.175	ug/l	97
20) Methylene Chloride	2.83	84	8857	2.438	ug/l	95
25) 2-Butanone	4.65	43	3877	1.776	ug/l	99
29) Tetrahydrofuran	5.11	42	1788	1.283	ug/l #	80
37) Ethyl Acetate	4.79	43	822	0.201	ug/l #	79
38) Carbon Tetrachloride	5.63	117	27722	6.585	ug/l #	16
43) Isopropyl Acetate	6.42	43	33143	4.829	ug/l	99
48) Methyl methacrylate	7.65	41	7097	2.208	ug/l #	9
49) 1,4-Dioxane	7.71	88	43	0.589	ug/l #	25
51) 4-Methyl-2-Pentanone	8.59	43	98674	24.654	ug/l #	46
54) cis-1,3-Dichloropropene	8.60	75	52210	9.970	ug/l #	61
57) 1,3-Dichloropropane	9.52	76	29142	5.228	ug/l #	44
59) 2-Hexanone	9.52	43	347974	114.634	ug/l #	47
70) Styrene	10.70	104	942	1.742	ug/l #	89
71) Bromoform	10.84	173	63	3.626	ug/l #	28
74) N-ethyl acetate	10.81	43	952	0.224	ug/l #	45
76) 1,2,3-Trichloropropane	11.12	75	87027	24.363	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.49	105	3076	0.324	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	87027	64.466	ug/l #	12
87) 1,3-Dichlorobenzene	12.01	146	1261	0.238	ug/l	89
88) 1,4-Dichlorobenzene	12.01	146	1261	0.231	ug/l	89
93) 1,2,4-Trichlorobenzene	13.63	180	1205	0.352	ug/l	93
94) Hexachlorobutadiene	13.77	225	376	0.241	ug/l	83
95) Naphthalene	13.82	128	2650	2.388	ug/l	95
96) 1,2,3-Trichlorobenzene	14.00	180	1010	0.295	ug/l	99

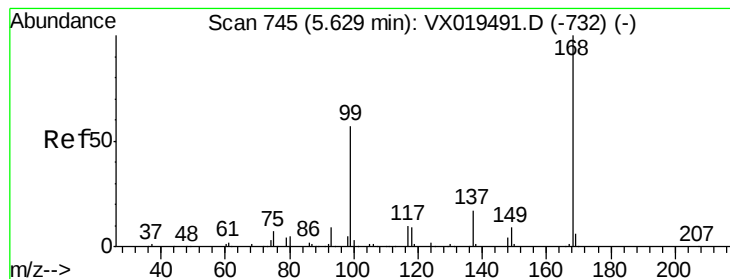
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
Data File : VX019515.D
Acq On : 21 Nov 2020 00:26
Operator : JC/MD
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Quant Time: Nov 21 05:33:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

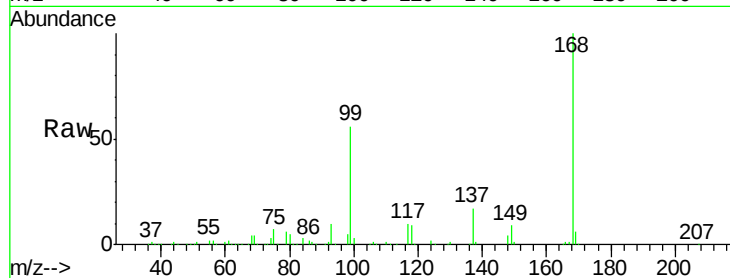
PB133122TB

Tot Ion:168 Resp: 289874

Ion Ratio Lower Upper

168 100

99 56.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

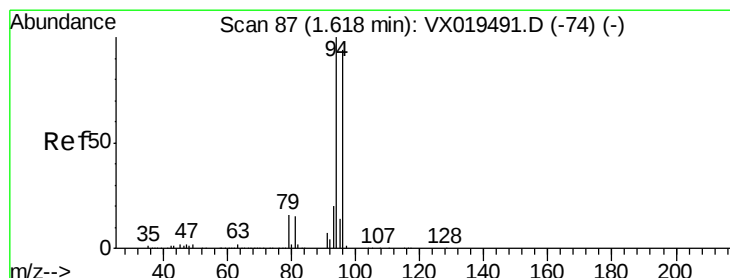
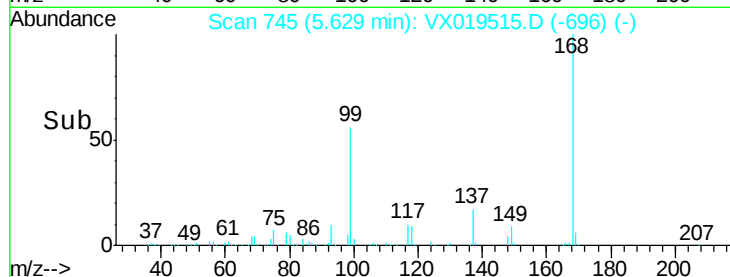
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.287 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019515.D

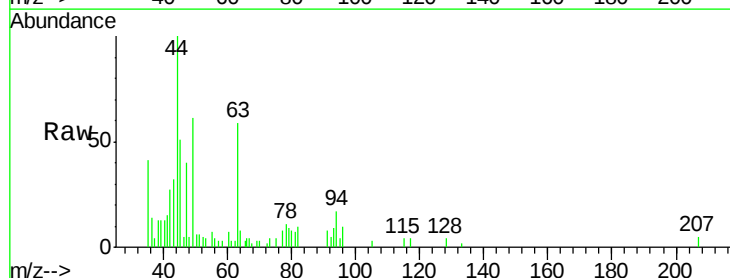
Acq: 21 Nov 2020 00:26

Tgt Ion: 94 Resp: 379

Ion Ratio Lower Upper

94 100

96 46.9 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

400

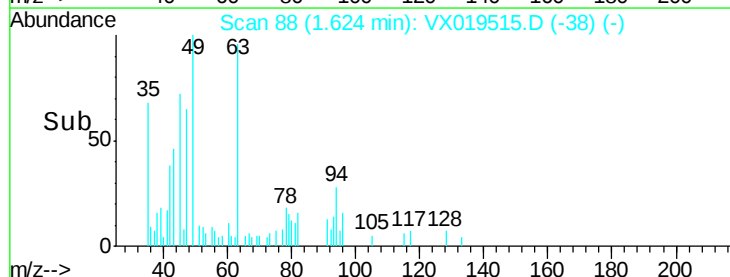
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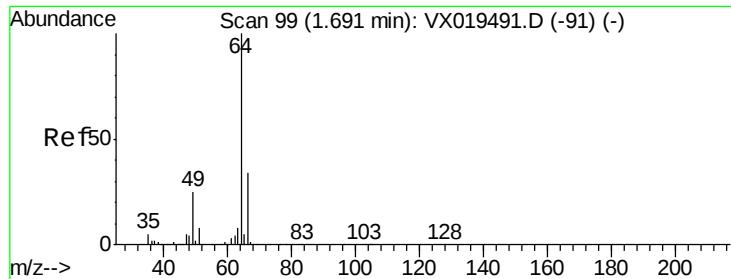
200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 104

Delta R.T. 0.03 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

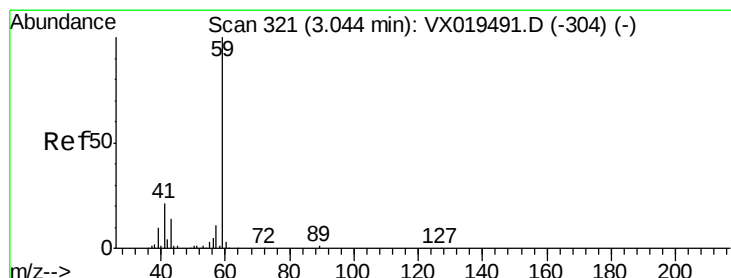
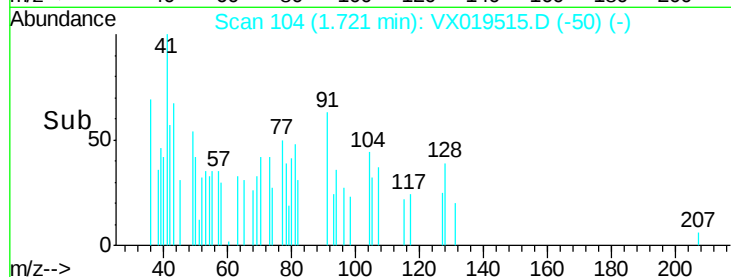
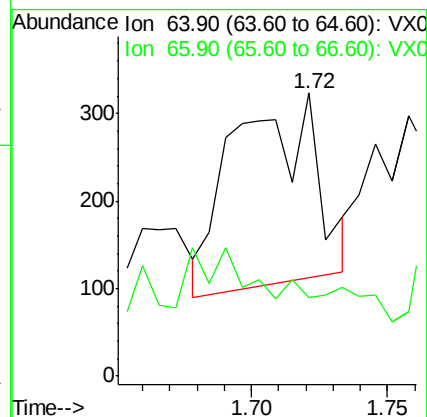
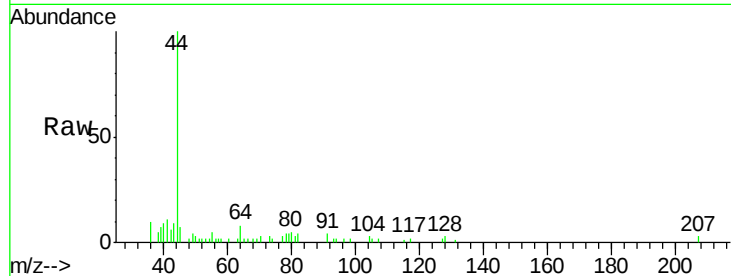
PB133122TB

Tot Ion: 64 Resp: 459

Ion Ratio Lower Upper

64 100

66 0.0 27.1 40.7#



#11

Tert butyl alcohol

Concen: 12.207 ug/l

RT: 2.99 min Scan# 312

Delta R.T. -0.06 min

Lab File: VX019515.D

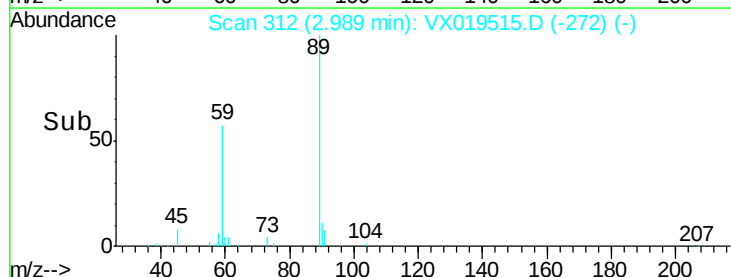
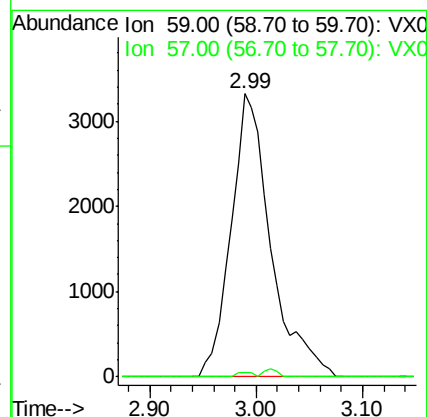
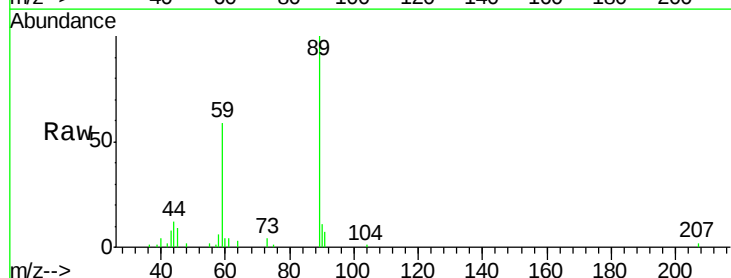
Acq: 21 Nov 2020 00:26

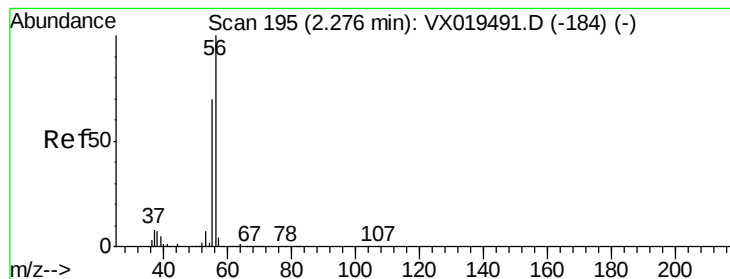
Tgt Ion: 59 Resp: 8683

Ion Ratio Lower Upper

59 100

57 0.7 7.9 11.9#





#13

Acrolein

Concen: 1.134 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

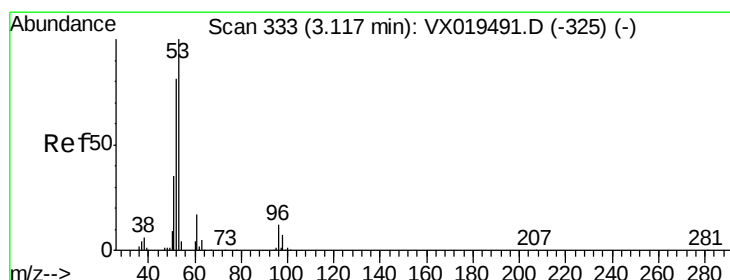
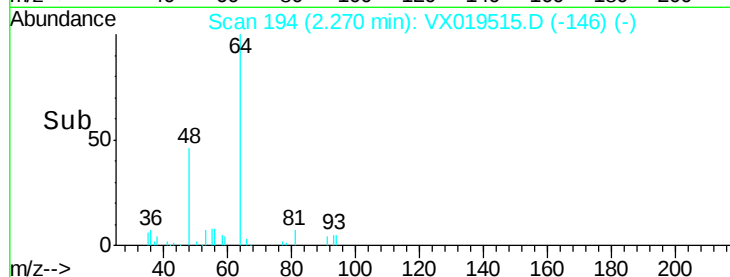
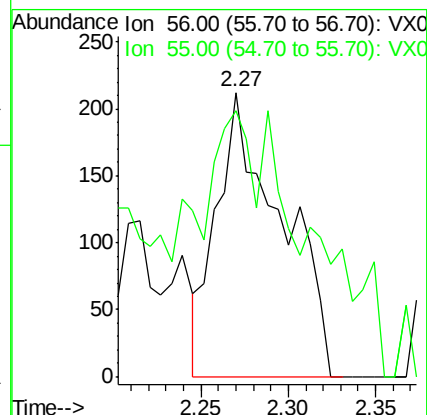
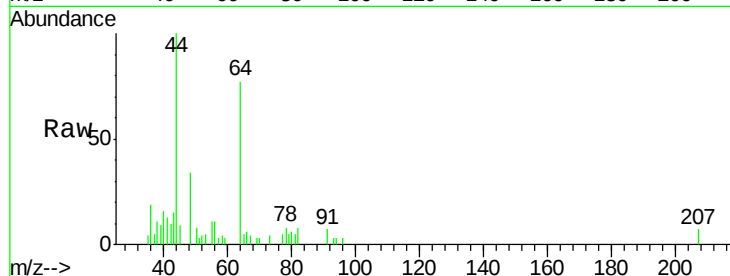
PB133122TB

Tot Ion: 56 Resp: 542

Ion Ratio Lower Upper

56 100

55 35.1 55.5 83.3#



#15

Acrylonitrile

Concen: 0.347 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

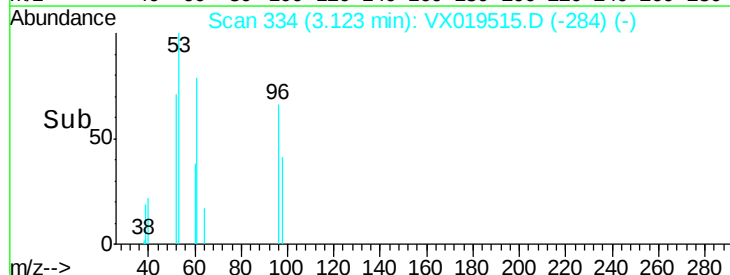
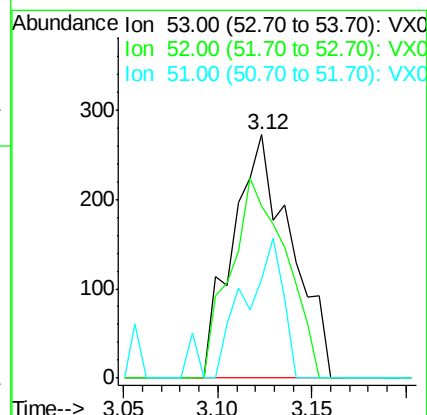
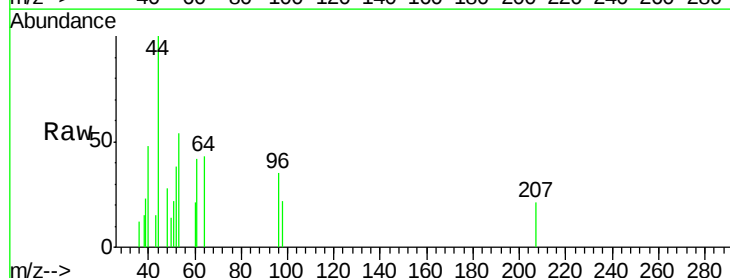
Tgt Ion: 53 Resp: 582

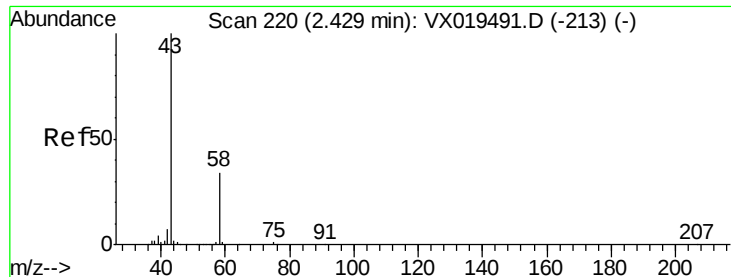
Ion Ratio Lower Upper

53 100

52 78.0 66.2 99.2

51 37.5 28.5 42.7





#16

Acetone

Concen: 10.359 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

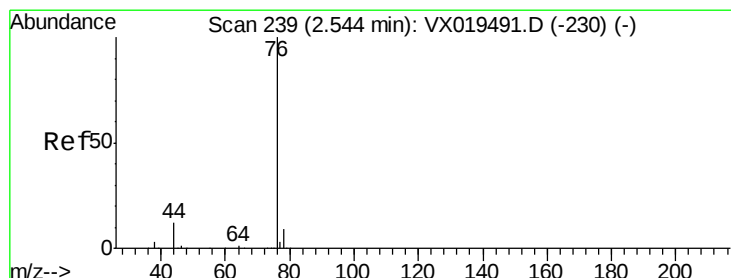
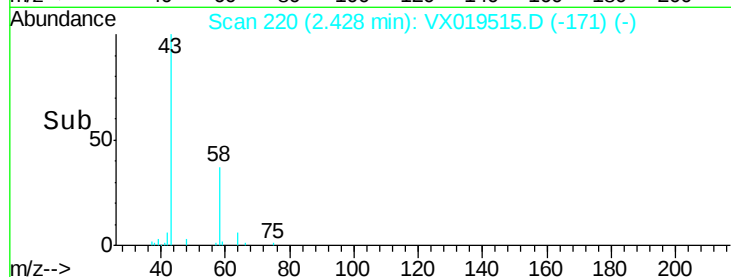
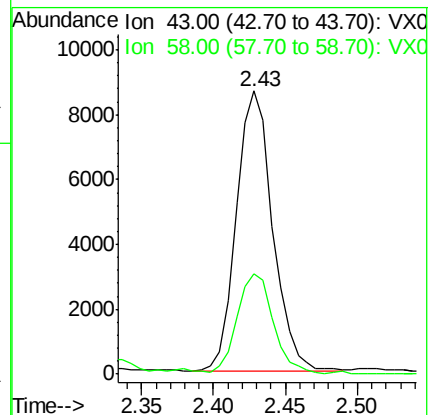
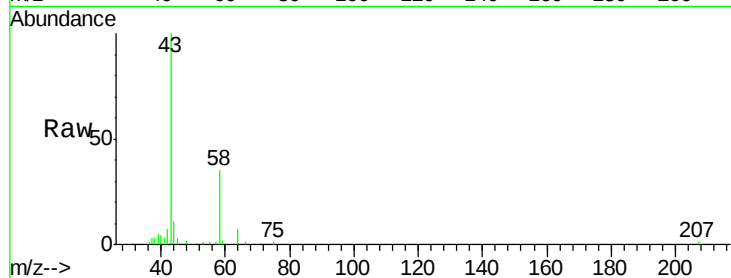
PB133122TB

Tot Ion: 43 Resp: 15057

Ion Ratio Lower Upper

43 100

58 35.1 27.4 41.2



#17

Carbon Disulfide

Concen: 0.436 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019515.D

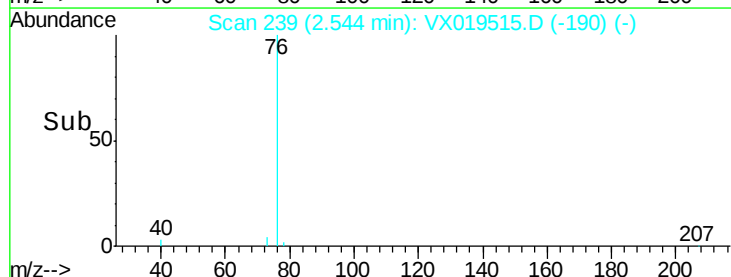
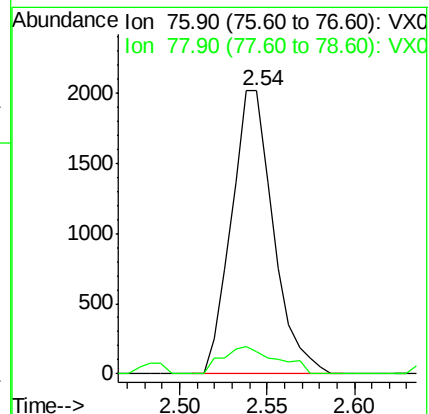
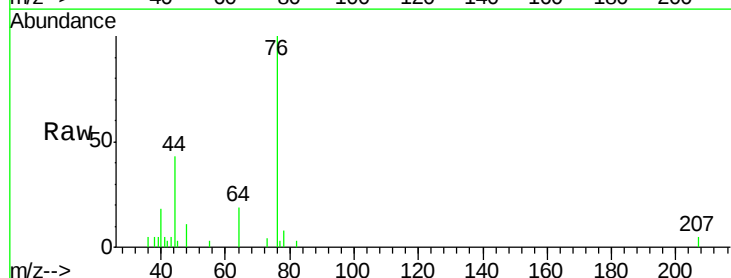
Acq: 21 Nov 2020 00:26

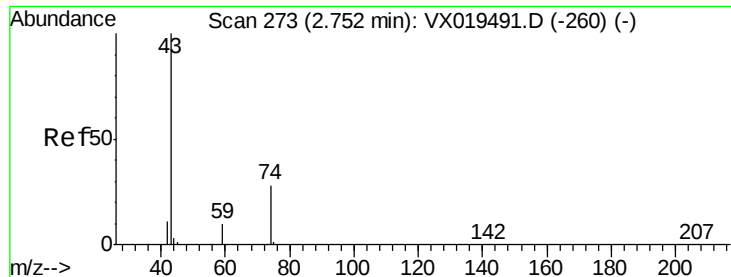
Tgt Ion: 76 Resp: 3368

Ion Ratio Lower Upper

76 100

78 7.9 7.2 10.8





#18

Methyl Acetate

Concen: 1.175 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampled :

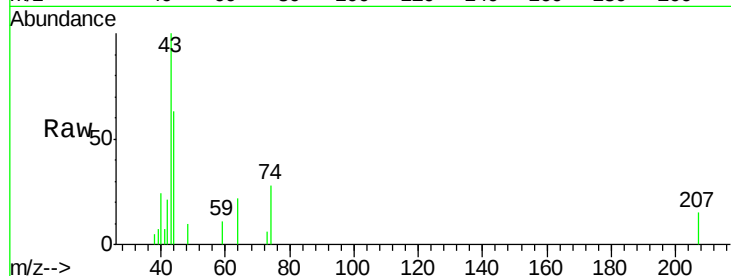
PB133122TB

Tot Ion: 43 Resp: 1952

Ion Ratio Lower Upper

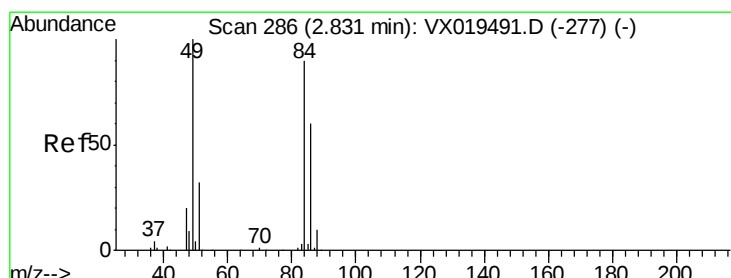
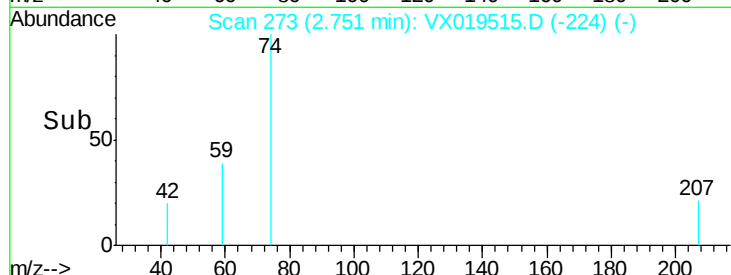
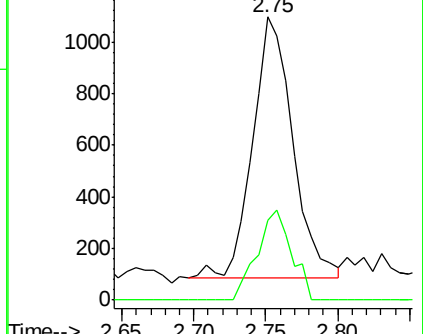
43 100

74 29.3 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 2.438 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Tgt Ion: 84 Resp: 8857

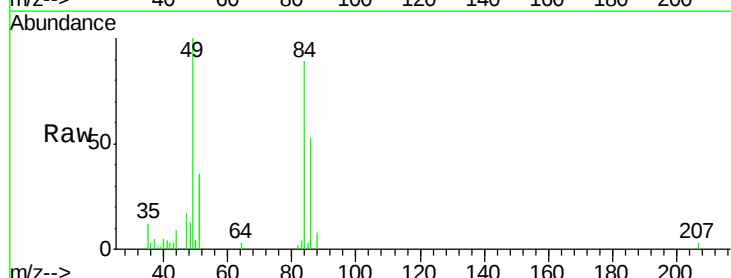
Ion Ratio Lower Upper

84 100

49 112.5 88.5 132.7

51 40.0 28.0 42.0

86 59.6 53.0 79.4

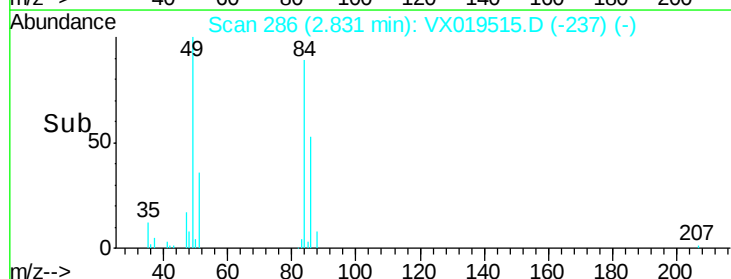
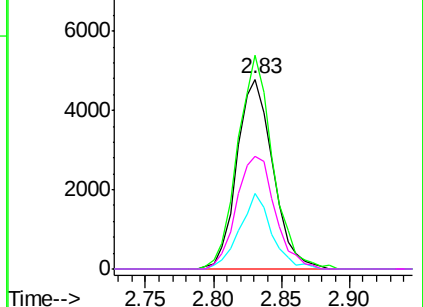


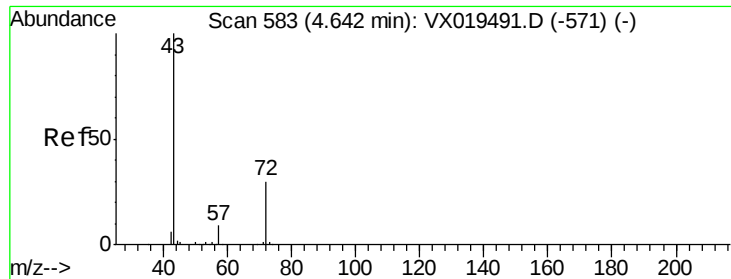
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 1.776 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

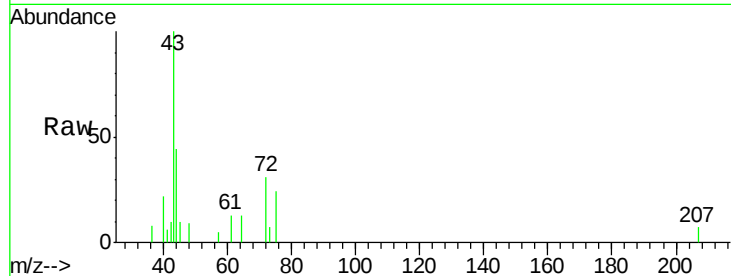
PB133122TB

Tot Ion: 43 Resp: 3877

Ion Ratio Lower Upper

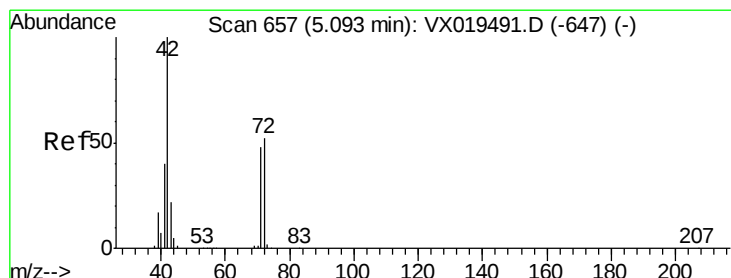
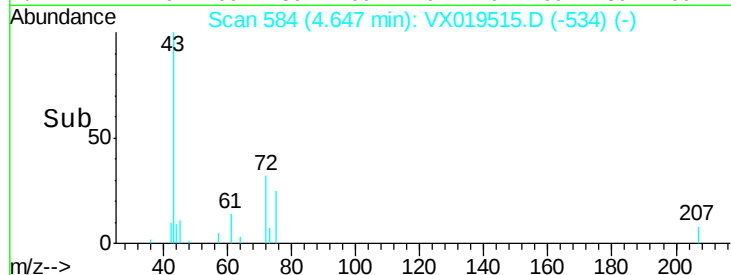
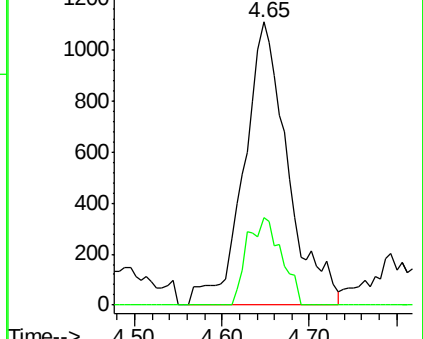
43 100

72 30.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 1.283 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

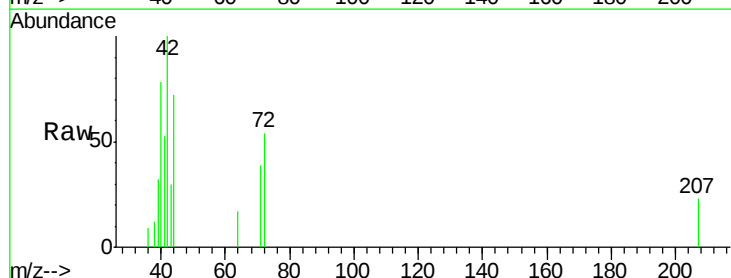
Tgt Ion: 42 Resp: 1788

Ion Ratio Lower Upper

42 100

72 46.8 42.6 63.8

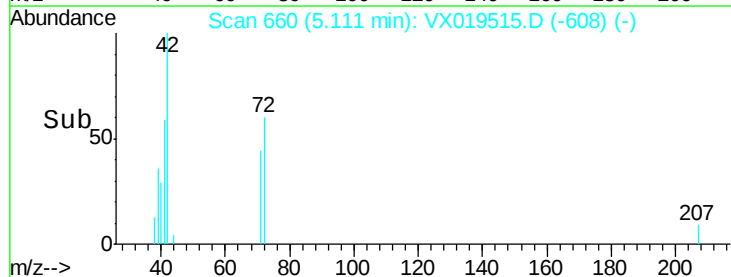
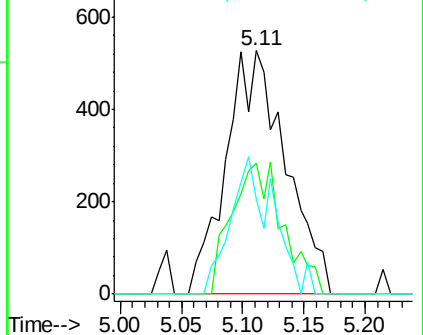
71 27.3 39.0 58.6#

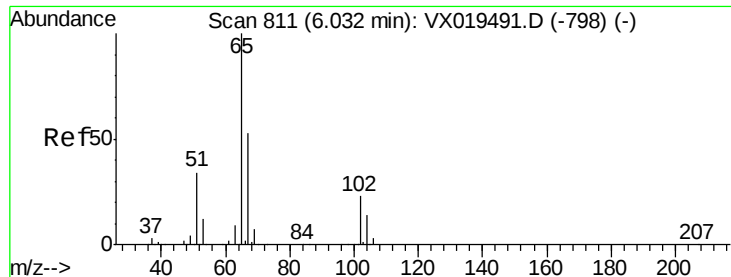


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

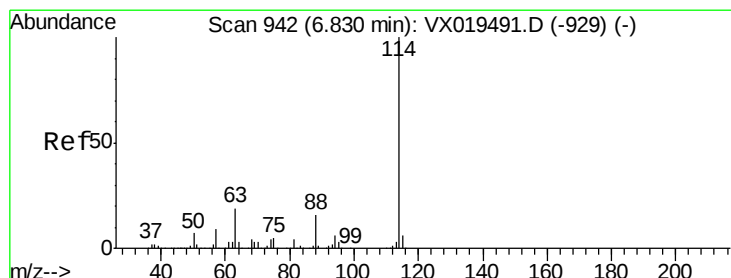
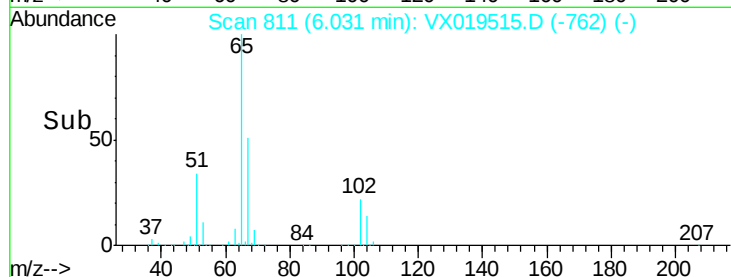
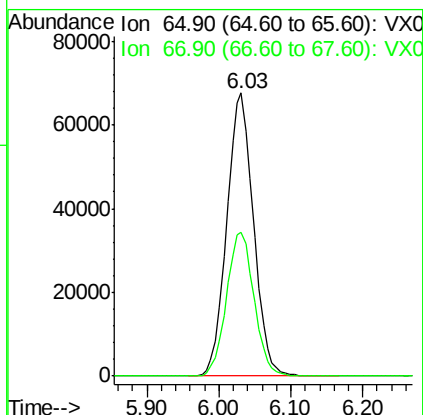
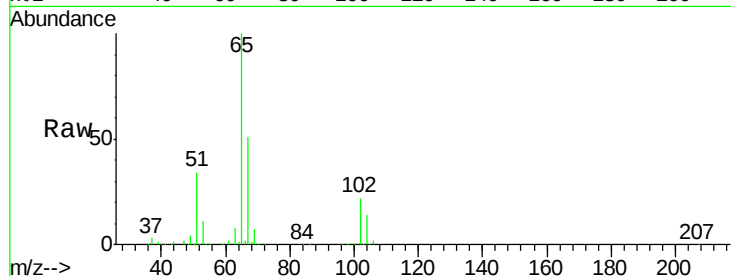




#33
 1,2-Dichloroethane-d4
 Concen: 46.582 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019515.D
 Acq: 21 Nov 2020 00:26

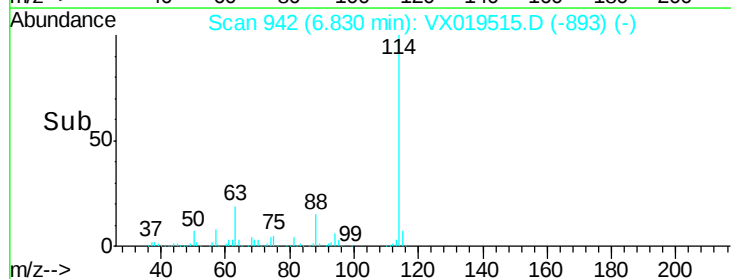
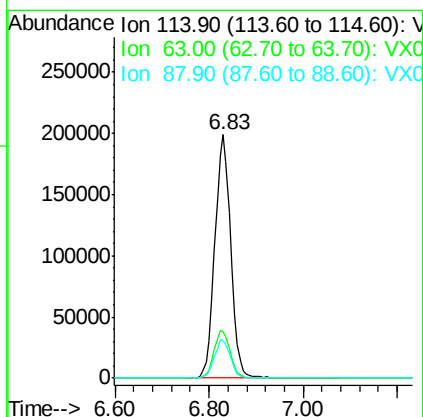
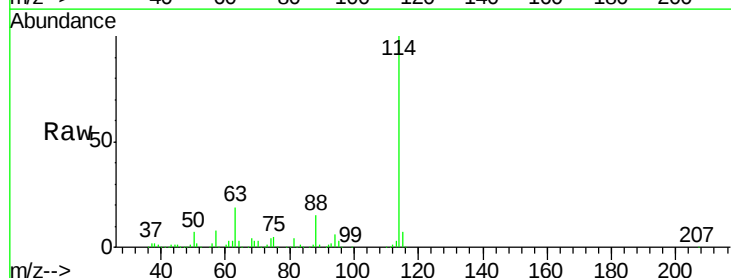
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133122TB

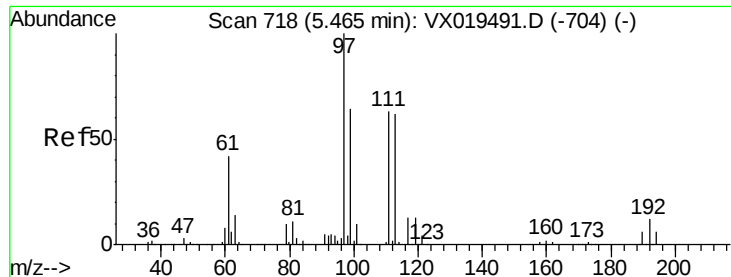
Tot Ion: 65 Resp: 175075
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019515.D
 Acq: 21 Nov 2020 00:26

Tgt Ion: 114 Resp: 463924
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.8
 88 15.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.075 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

PB133122TB

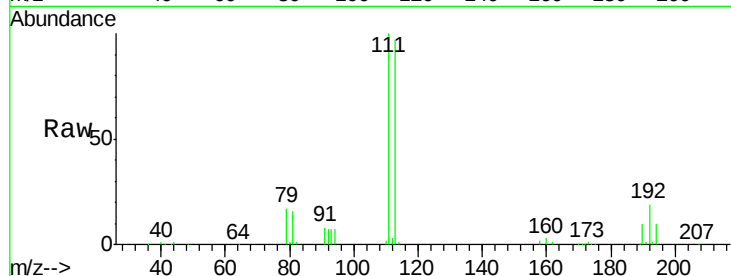
Tot Ion:113 Resp: 139998

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

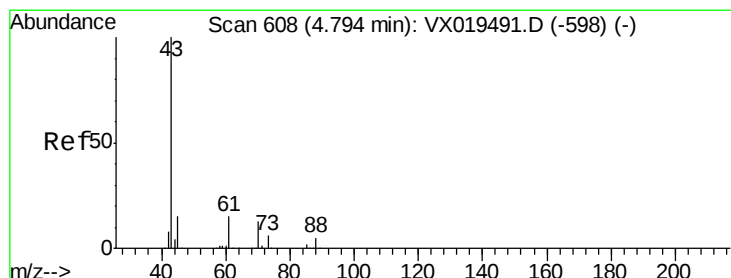
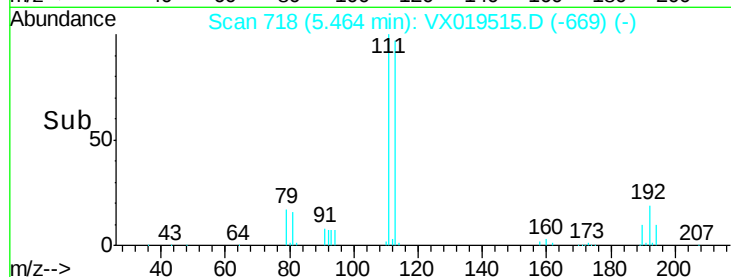
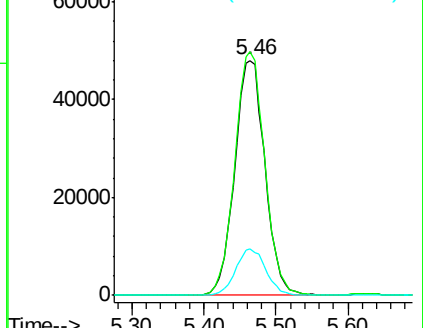
192 19.8 16.2 24.2



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



#37

Ethyl Acetate

Concen: 0.201 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

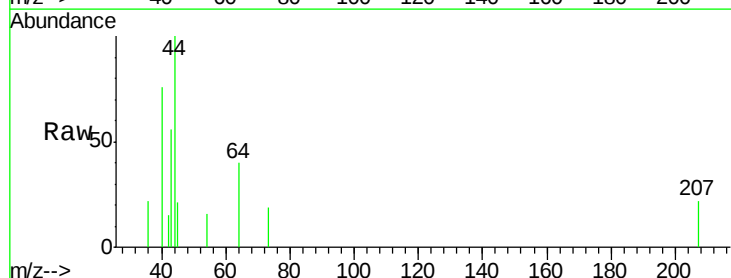
Tgt Ion: 43 Resp: 822

Ion Ratio Lower Upper

43 100

61 21.2 12.7 19.1#

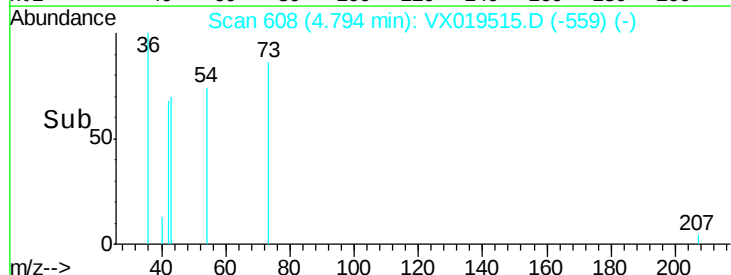
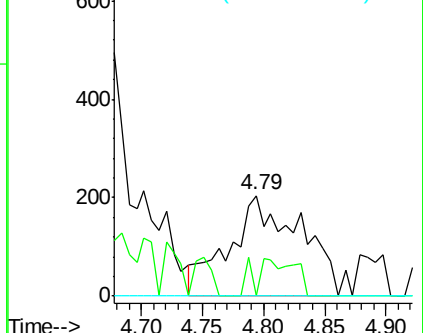
70 0.0 10.2 15.2#

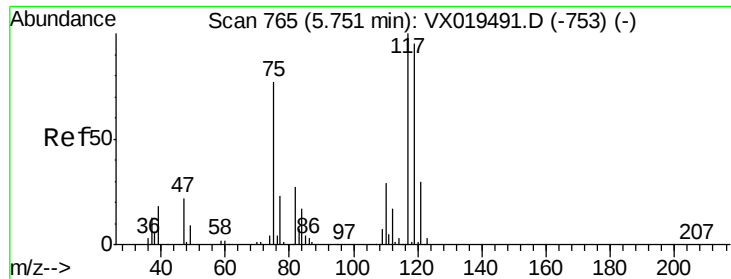


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.585 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampled :

PB133122TB

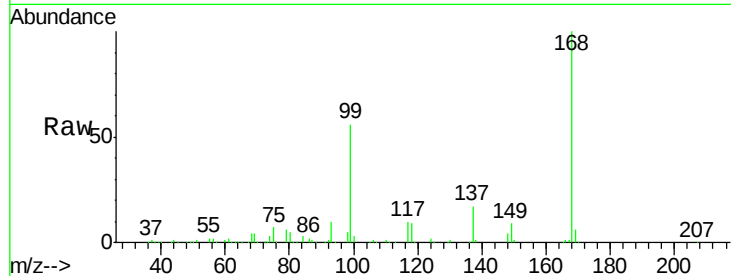
Tot Ion:117 Resp: 27722

Ion Ratio Lower Upper

117 100

119 4.0 75.9 113.9#

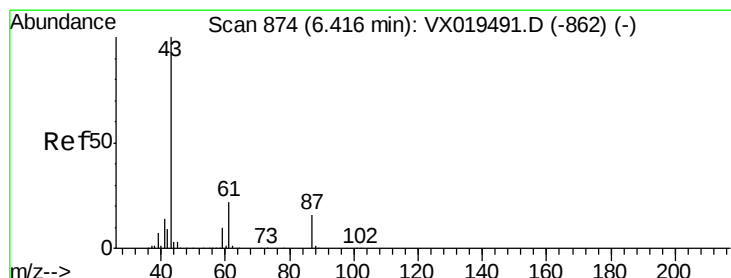
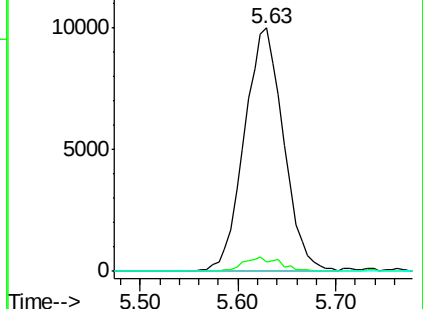
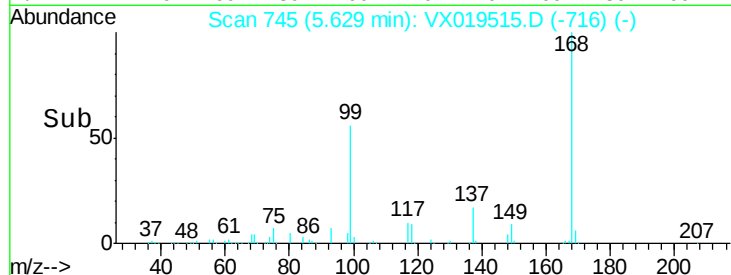
121 0.0 24.0 36.0#



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



#43

Isopropyl Acetate

Concen: 4.829 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

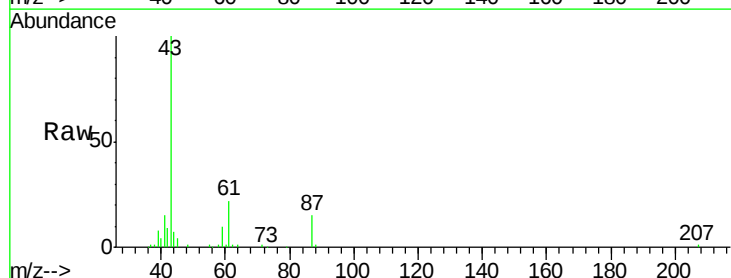
Tgt Ion: 43 Resp: 33143

Ion Ratio Lower Upper

43 100

61 22.1 18.2 27.2

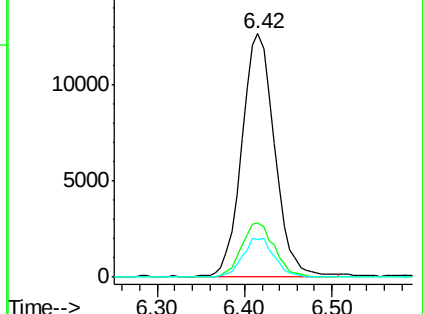
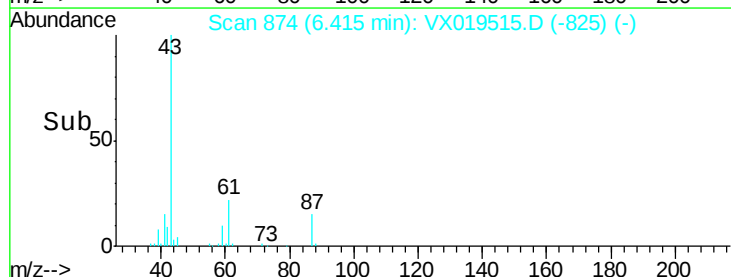
87 15.2 12.6 18.8

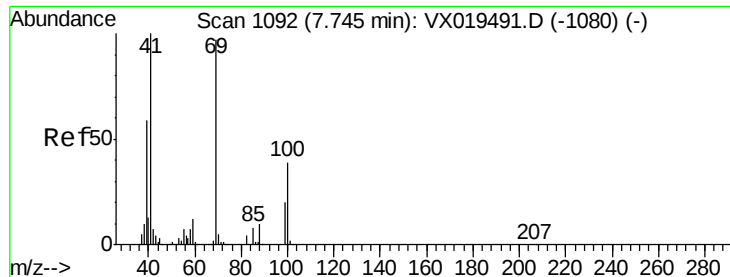


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

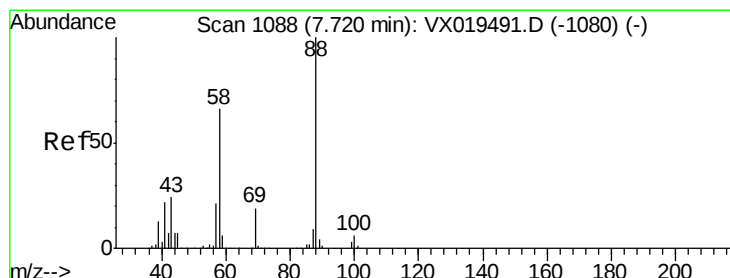
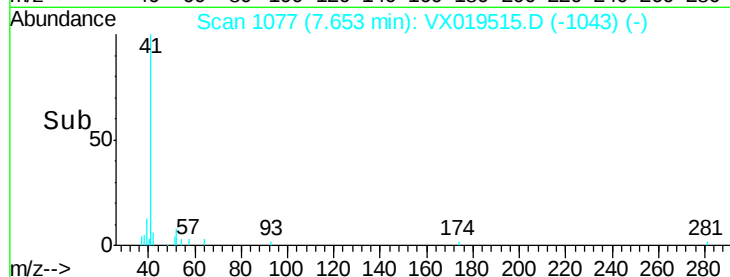
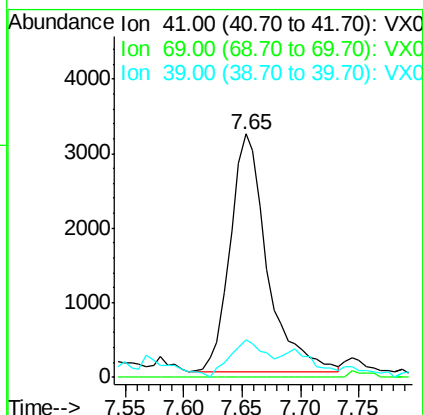
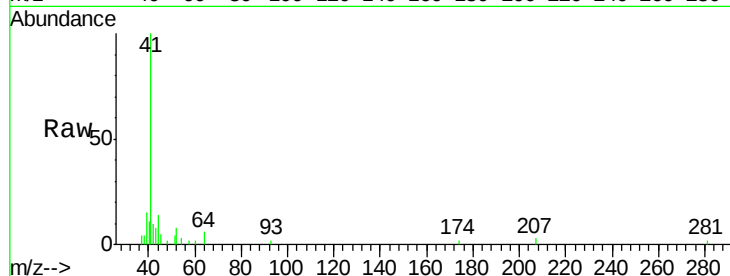




#48
Methvl methacrylate
Concen: 2.208 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX019515.D
Acq: 21 Nov 2020 00:26

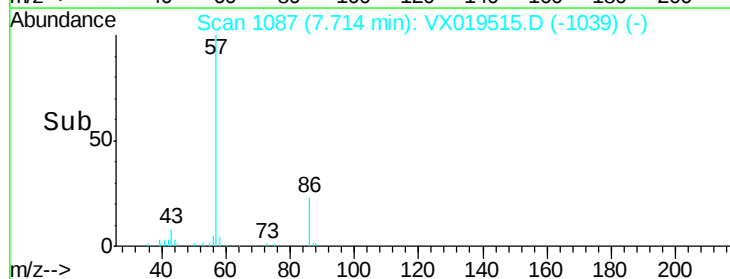
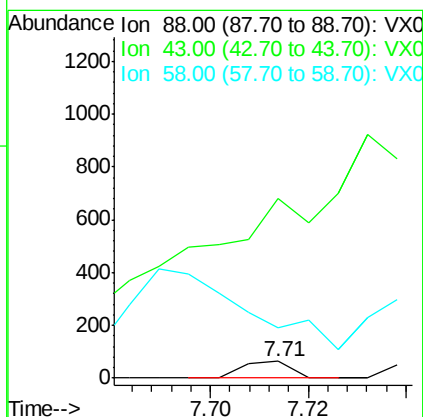
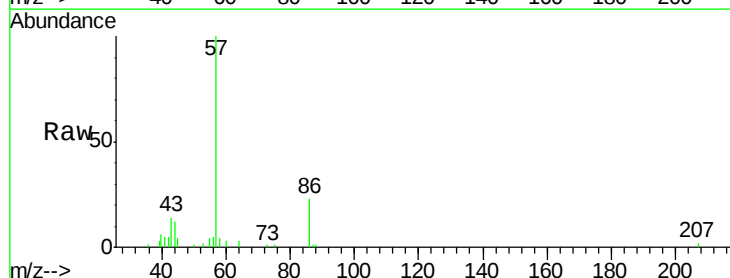
Instrument :
MSVOA_X
ClientSampleId :
PB133122TB

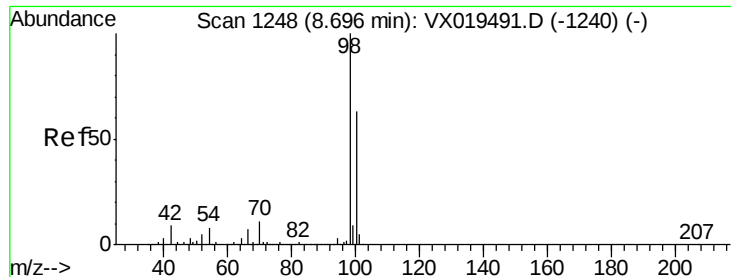
Tot Ion: 41 Resp: 7097
Ion Ratio Lower Upper
41 100
69 0.0 77.0 115.6#
39 0.0 45.6 68.4#



#49
1,4-Dioxane
Concen: 0.589 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019515.D
Acq: 21 Nov 2020 00:26

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.6#
58 0.0 54.2 81.2#





#50

Toluene-d8

Concen: 49.018 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

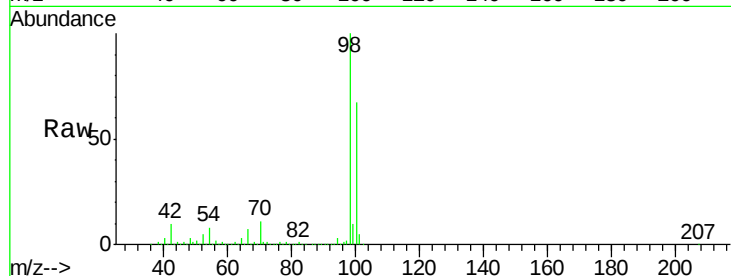
PB133122TB

Tot Ion: 98 Resp: 554680

Ion Ratio Lower Upper

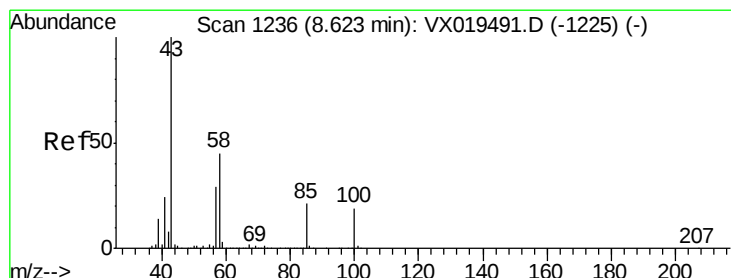
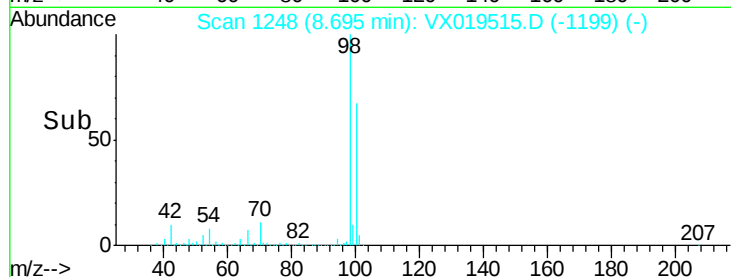
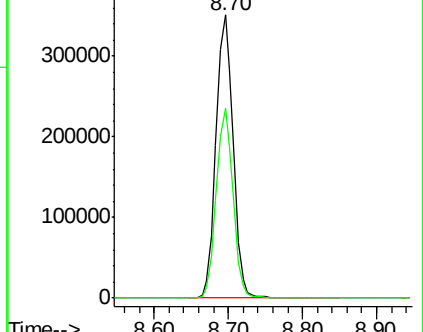
98 100

100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 24.654 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX019515.D

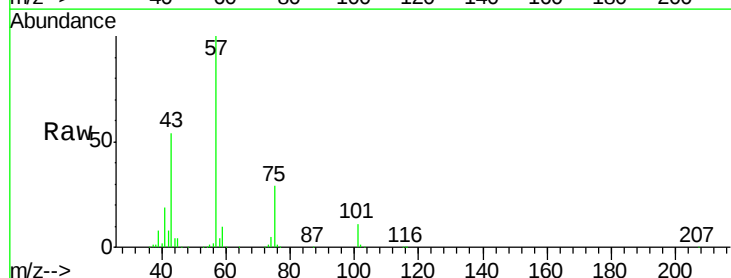
Acq: 21 Nov 2020 00:26

Tgt Ion: 43 Resp: 98674

Ion Ratio Lower Upper

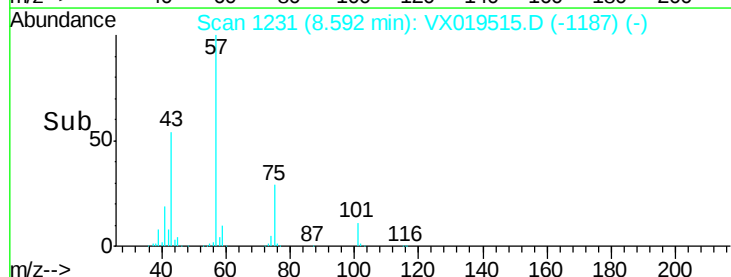
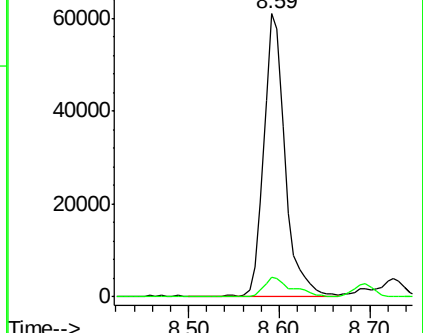
43 100

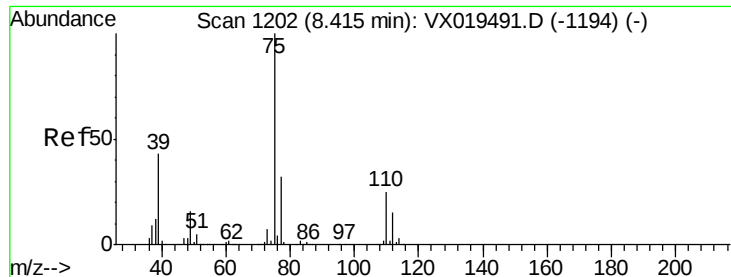
58 9.2 35.1 52.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

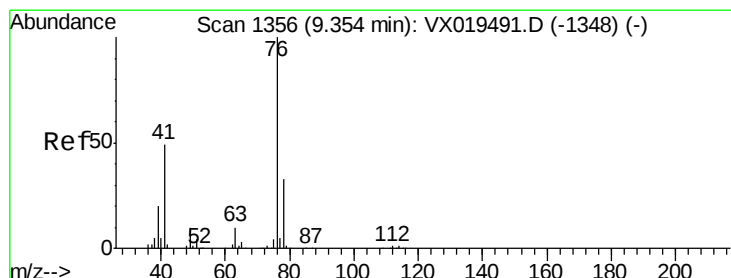
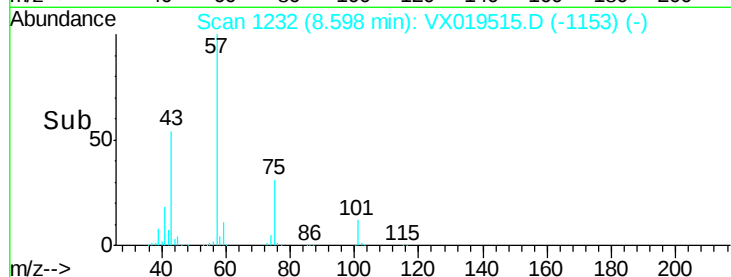
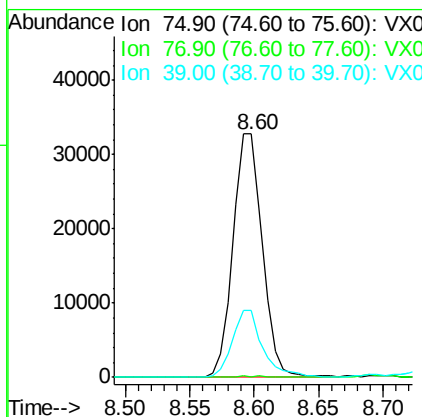
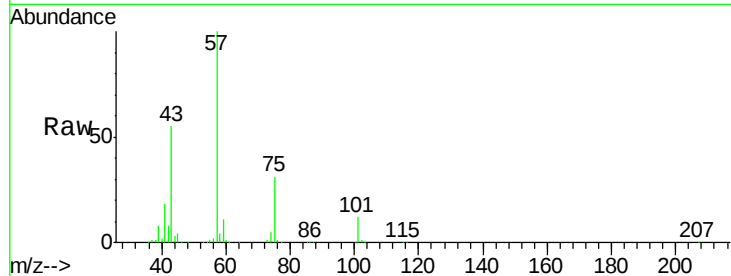




#54
 cis-1,3-Dichloropropene
 Concen: 9.970 ug/l
 RT: 8.60 min Scan# 1232
 Delta R.T. 0.18 min
 Lab File: VX019515.D
 Acq: 21 Nov 2020 00:26

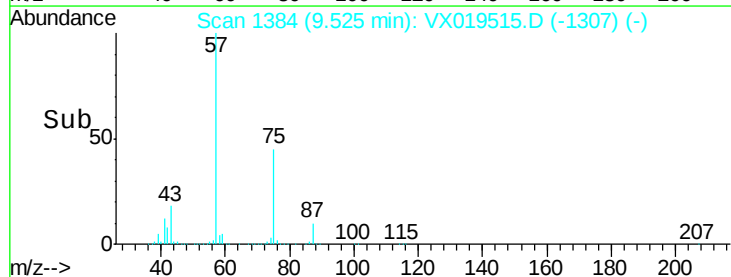
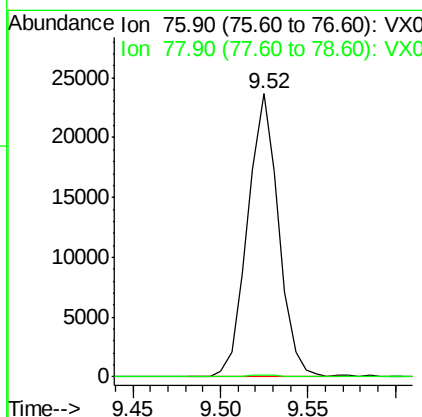
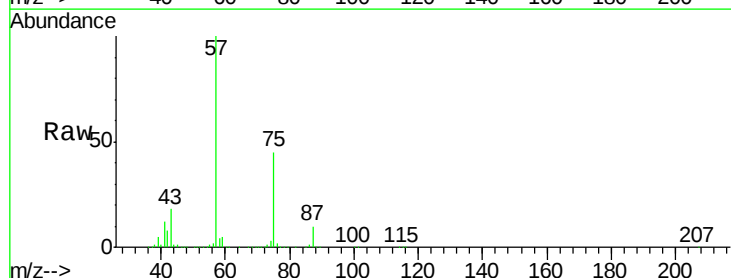
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133122TB

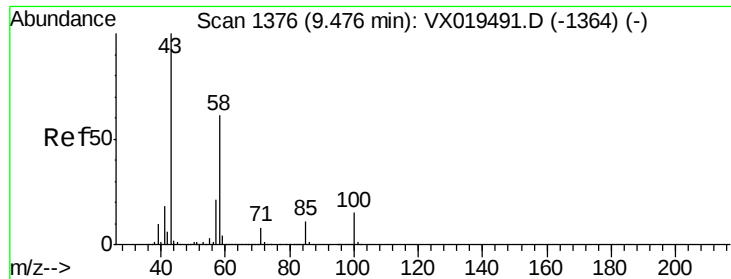
Tot Ion: 75 Resp: 52210
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.8 38.6#
 39 27.1 34.6 51.8#



#57
 1,3-Dichloropropane
 Concen: 5.228 ug/l
 RT: 9.52 min Scan# 1384
 Delta R.T. 0.17 min
 Lab File: VX019515.D
 Acq: 21 Nov 2020 00:26

Tgt Ion: 76 Resp: 29142
 Ion Ratio Lower Upper
 76 100
 78 0.7 25.7 38.5#

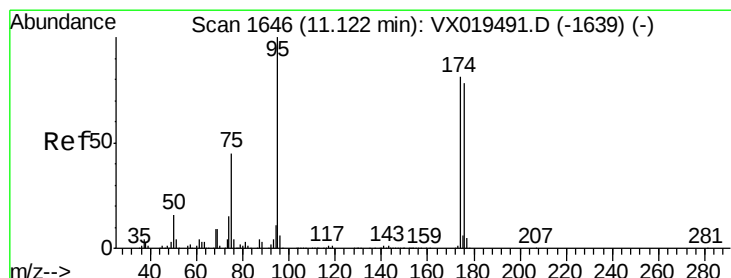
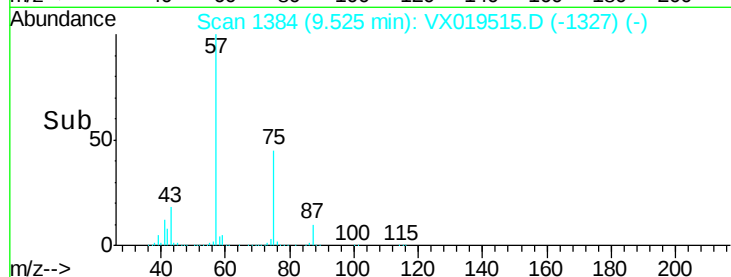
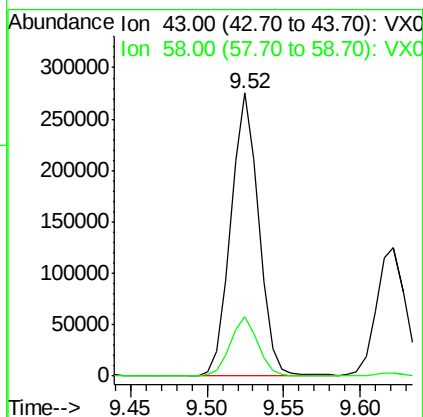
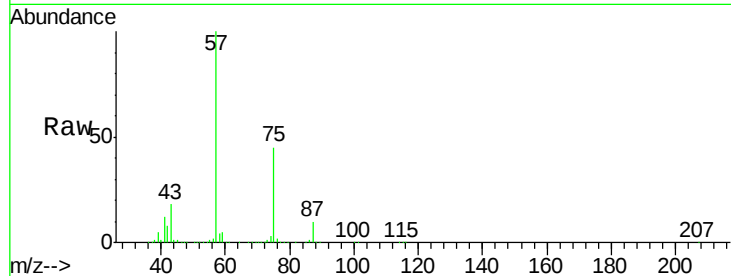




#59
2-Hexanone
Concen: 114.634 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019515.D
Acq: 21 Nov 2020 00:26

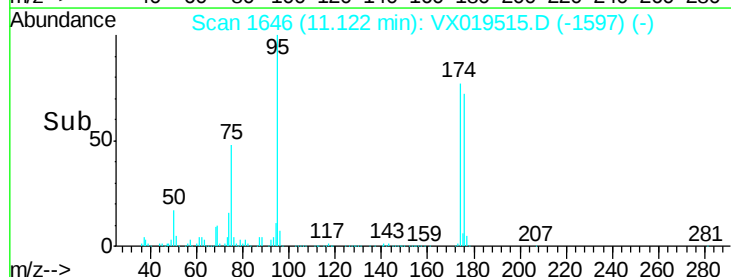
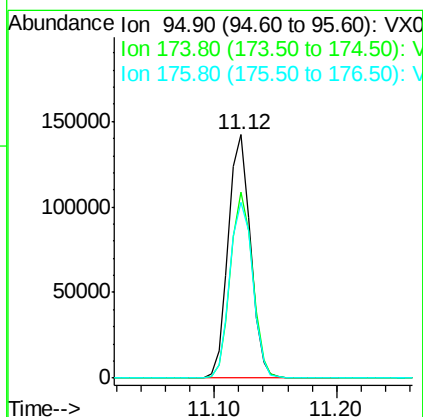
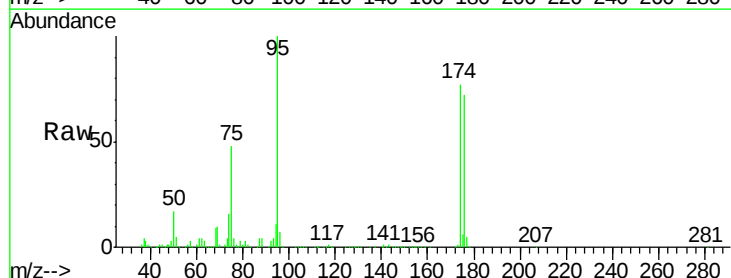
Instrument :
MSVOA_X
ClientSampleId :
PB133122TB

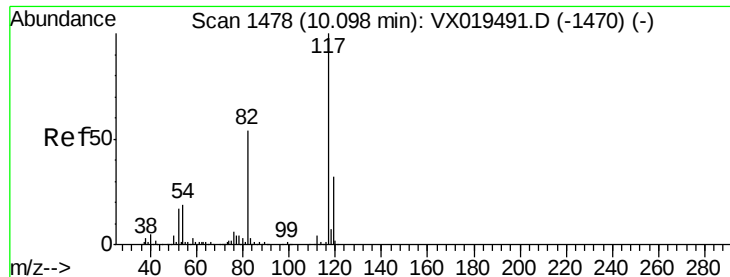
Tot Ion: 43 Resp: 347974
Ion Ratio Lower Upper
43 100
58 20.8 30.6 91.6#



#62
4-Bromofluorobenzene
Concen: 43.835 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019515.D
Acq: 21 Nov 2020 00:26

Tgt Ion: 95 Resp: 178468
Ion Ratio Lower Upper
95 100
174 76.8 0.0 156.2
176 74.7 0.0 151.4

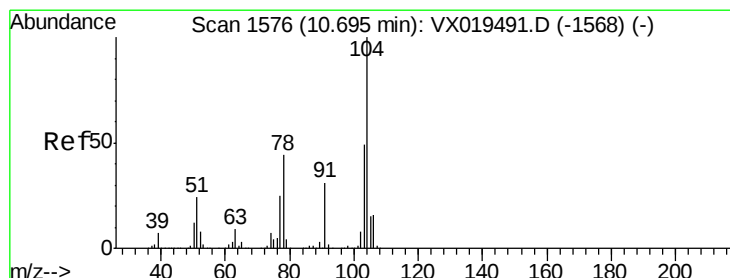
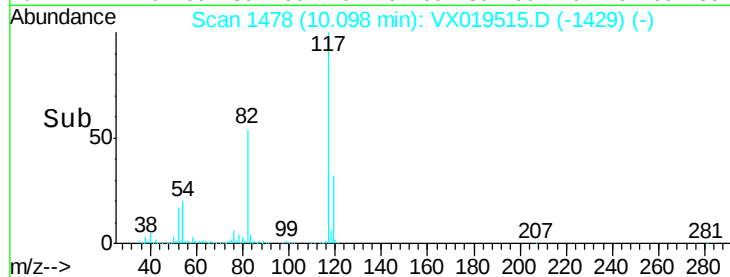
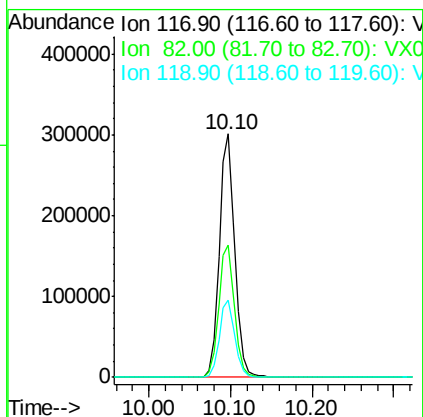
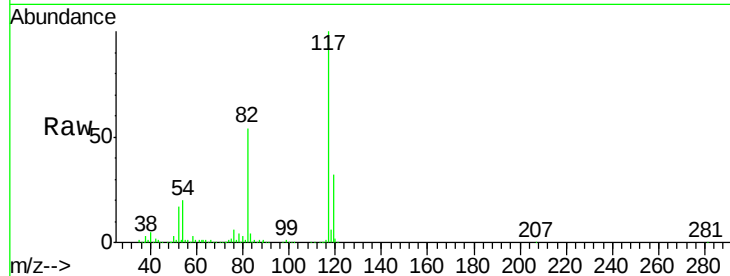




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019515.D
Acq: 21 Nov 2020 00:26

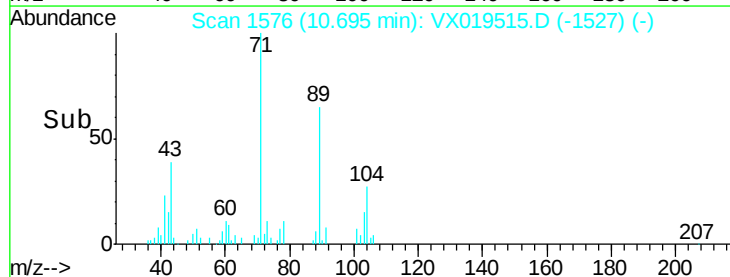
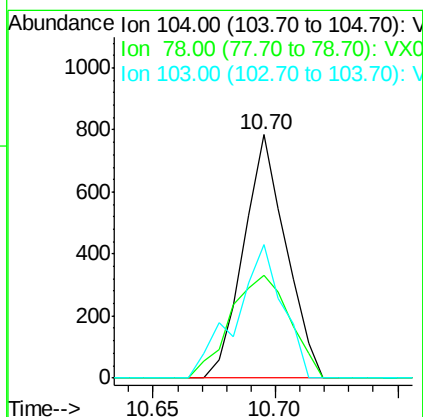
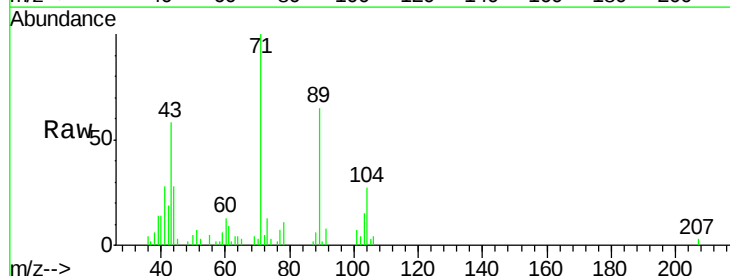
Instrument :
MSVOA_X
ClientSampleId :
PB133122TB

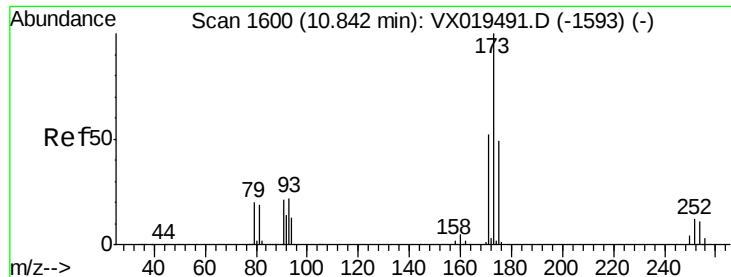
Tot Ion:117 Resp: 398521
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.8 25.6 38.4



#70
Styrene
Concen: 1.742 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019515.D
Acq: 21 Nov 2020 00:26

Tgt Ion:104 Resp: 942
Ion Ratio Lower Upper
104 100
78 59.3 39.5 59.3#
103 60.6 43.6 65.4





#71

Bromoform

Concen: 3.626 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

PB133122TB

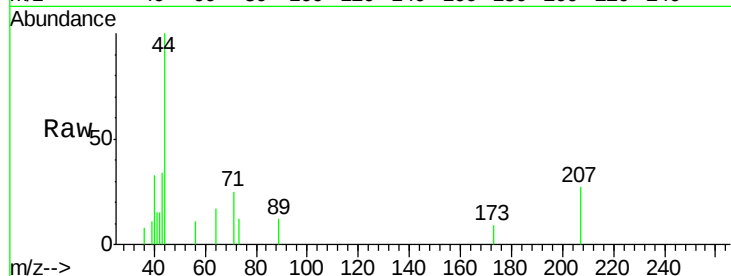
Tot Ion:173 Resp: 63

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.8#

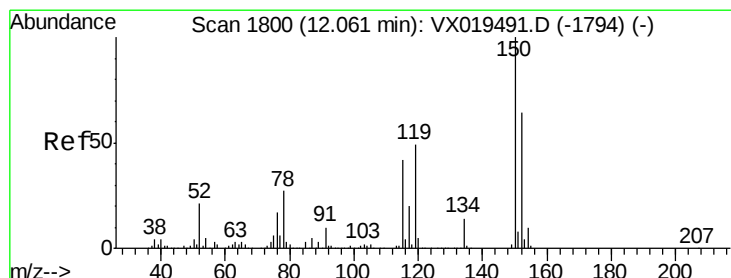
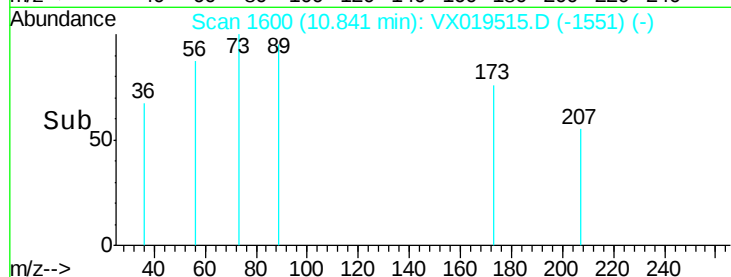
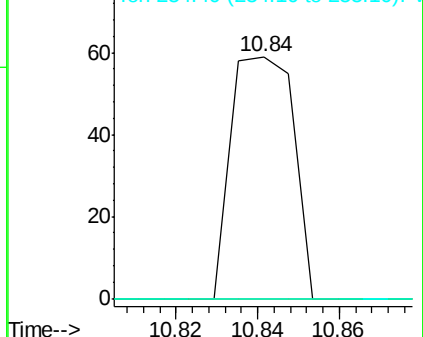
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

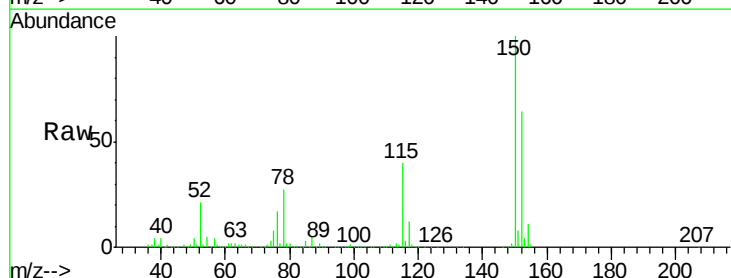
Tgt Ion:152 Resp: 163679

Ion Ratio Lower Upper

152 100

115 60.1 41.8 125.4

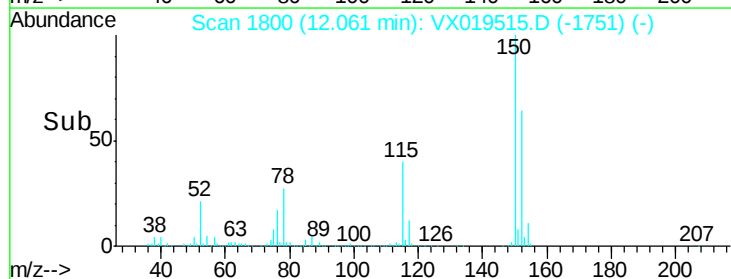
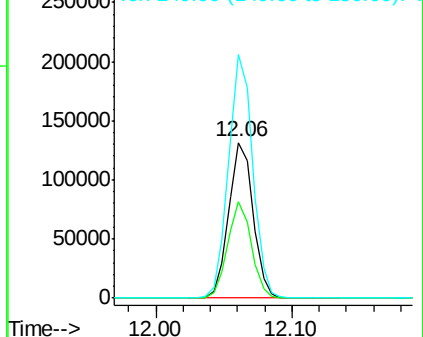
150 155.5 0.0 348.2

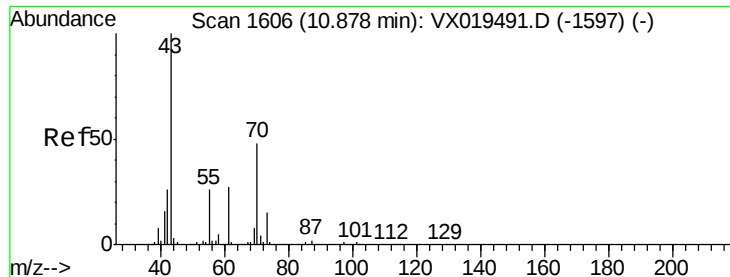


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.224 ug/l

RT: 10.81 min Scan# 1595

Delta R.T. -0.07 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampled :

PB133122TB

Tot Ion: 43 Resp: 952

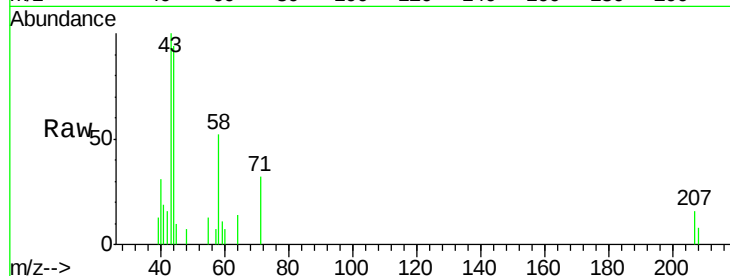
Ion Ratio Lower Upper

43 100

70 0.0 39.7 59.5#

55 13.8 21.8 32.6#

61 0.0 22.2 33.4#

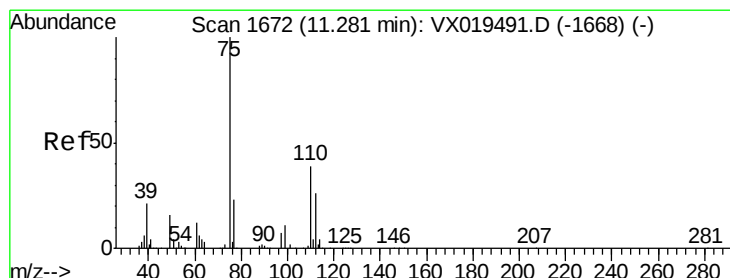
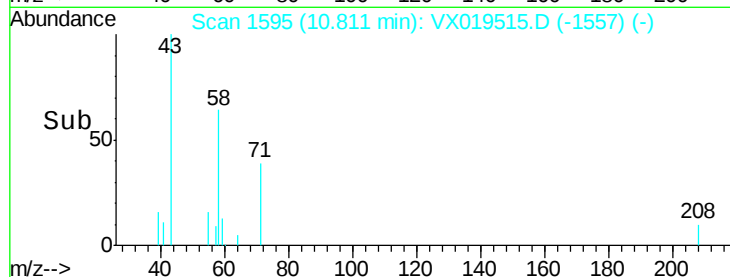
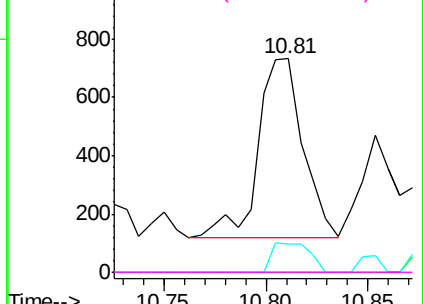


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 24.363 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019515.D

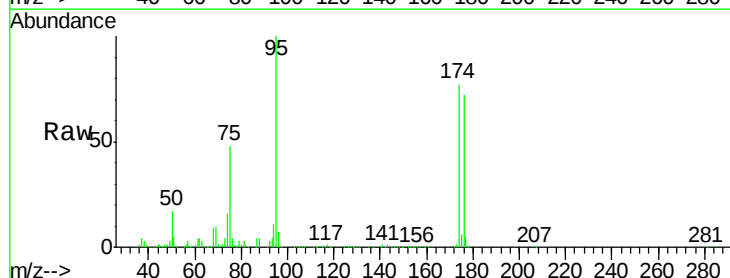
Acq: 21 Nov 2020 00:26

Tgt Ion: 75 Resp: 87027

Ion Ratio Lower Upper

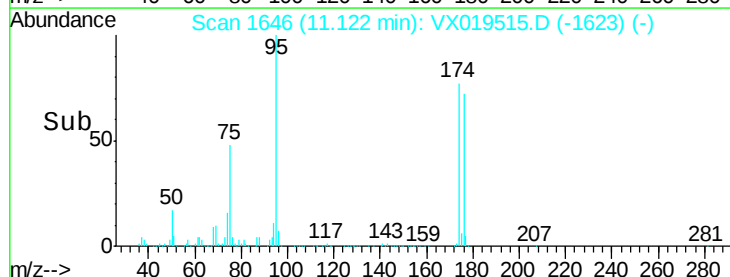
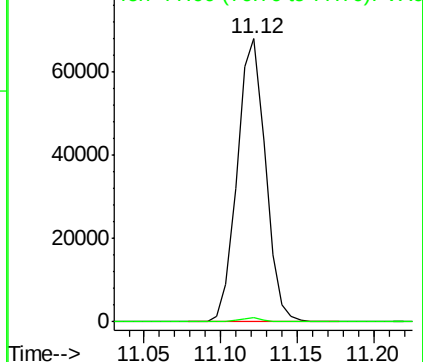
75 100

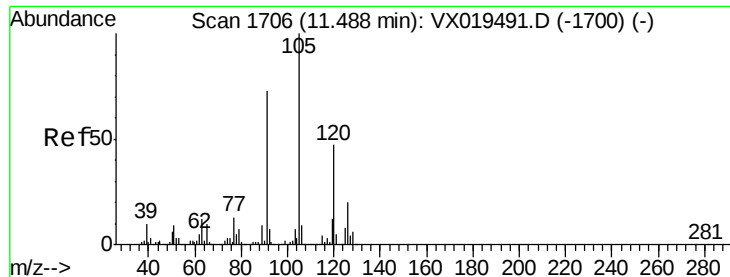
77 1.3 20.0 60.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.324 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampled :

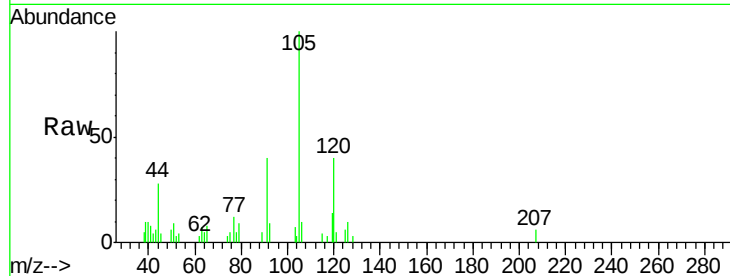
PB133122TB

Tot Ion:105 Resp: 3076

Ion Ratio Lower Upper

105 100

120 46.5 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500

2000

1500

1000

500

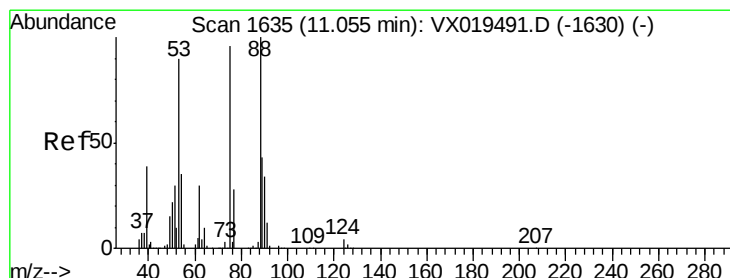
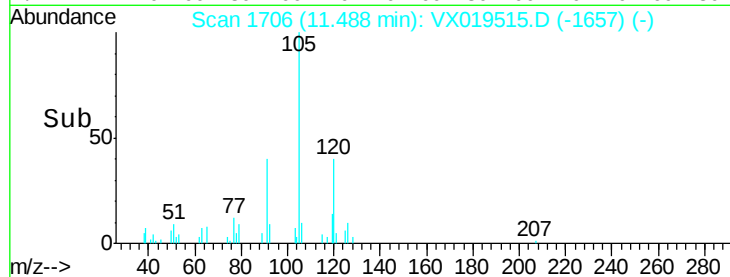
0

11.45

11.49

11.50

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 64.466 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

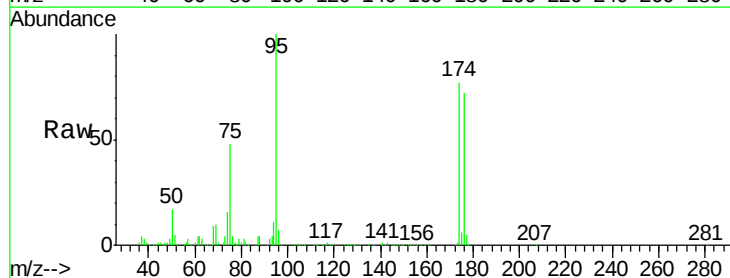
Tgt Ion: 75 Resp: 87027

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.0 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

80000

60000

40000

20000

0

11.05

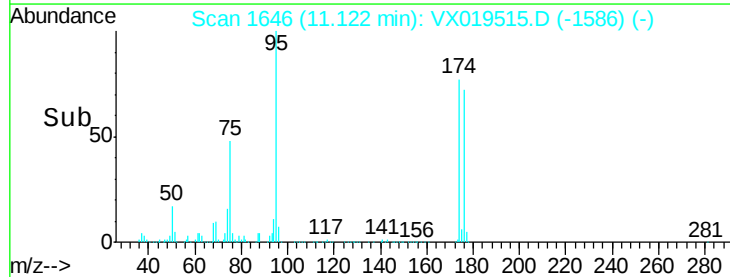
11.10

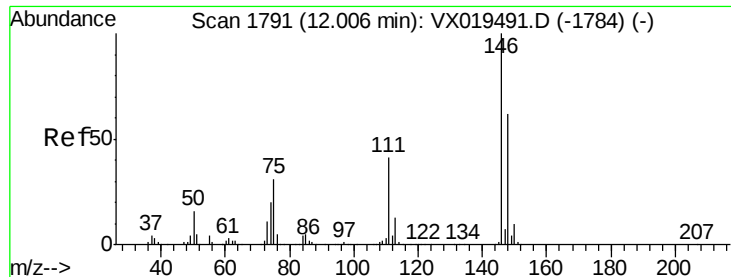
11.12

11.15

11.20

Time-->





#87

1,3-Dichlorobenzene

Concen: 0.238 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

PB133122TB

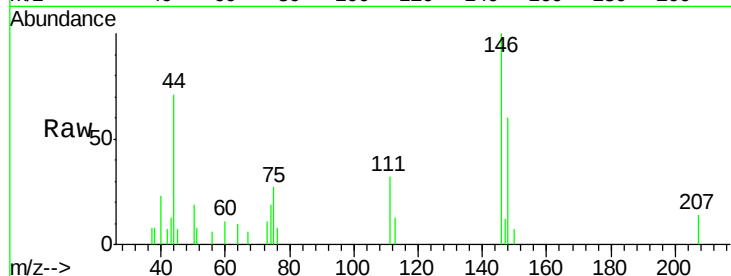
Tot Ion:146 Resp: 1261

Ion Ratio Lower Upper

146 100

111 32.8 20.2 60.6

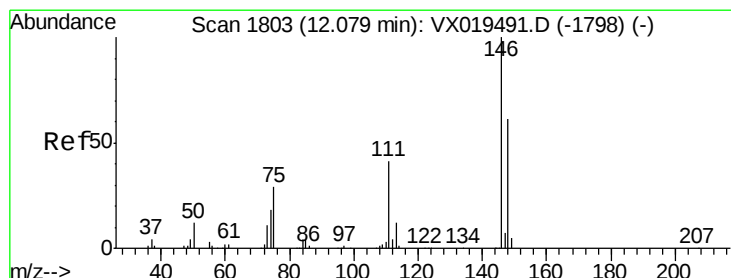
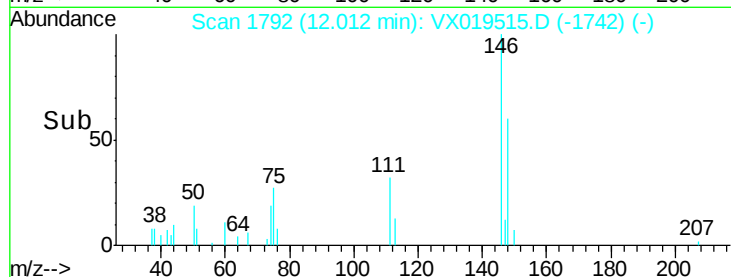
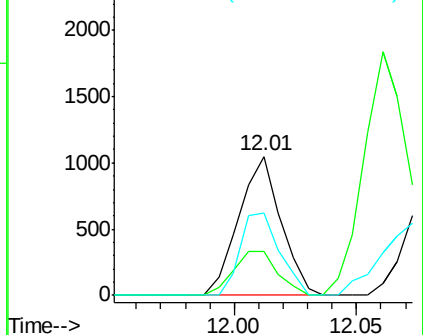
148 55.0 31.4 94.2



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: 0.231 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

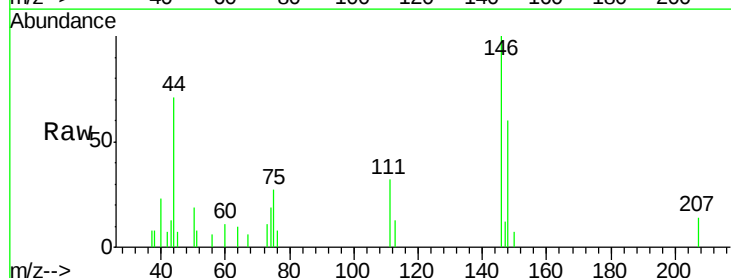
Tgt Ion:146 Resp: 1261

Ion Ratio Lower Upper

146 100

111 32.8 19.9 59.6

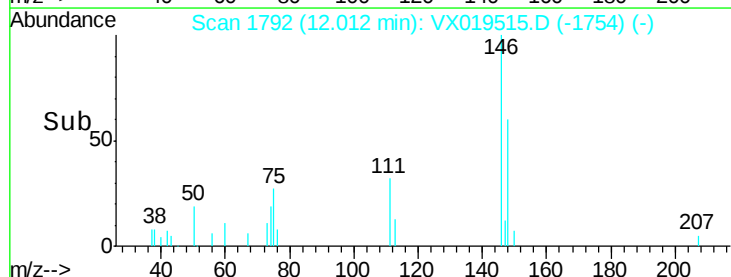
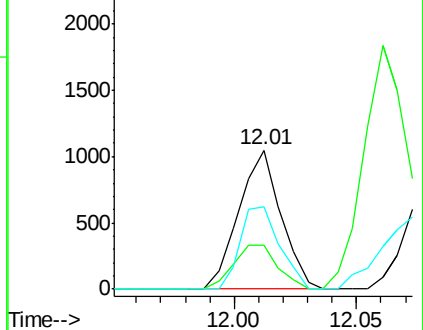
148 55.0 31.7 95.1

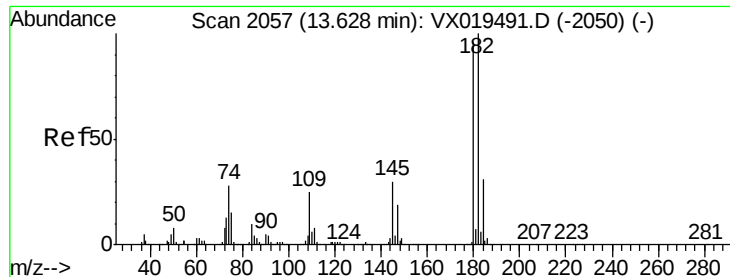


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

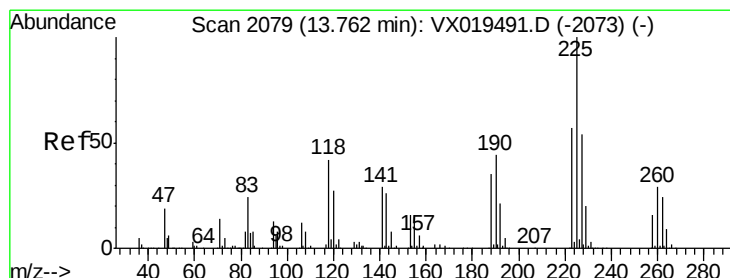
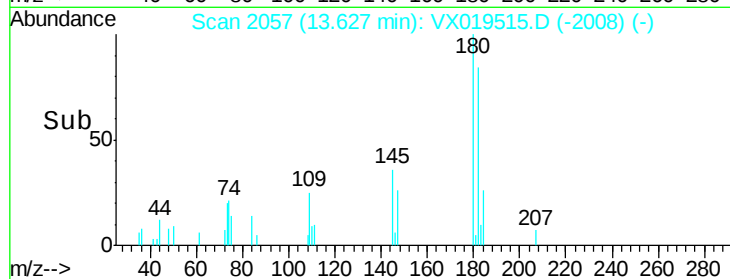
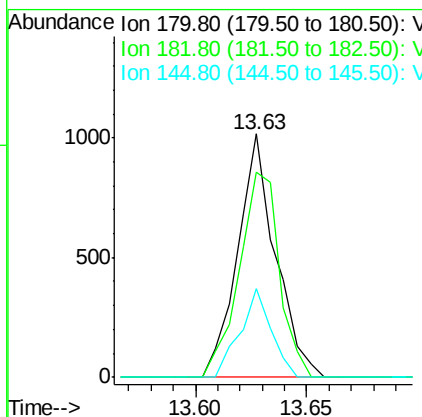
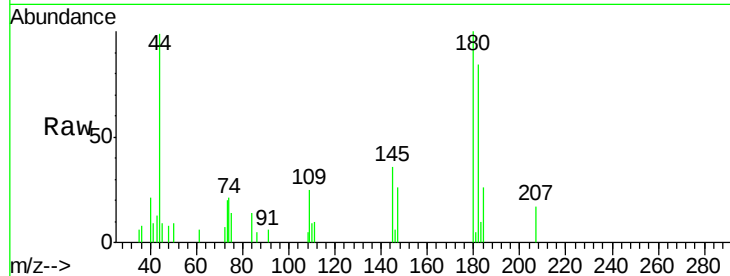




#93
 1,2,4-Trichlorobenzene
 Concen: 0.352 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019515.D
 Acq: 21 Nov 2020 00:26

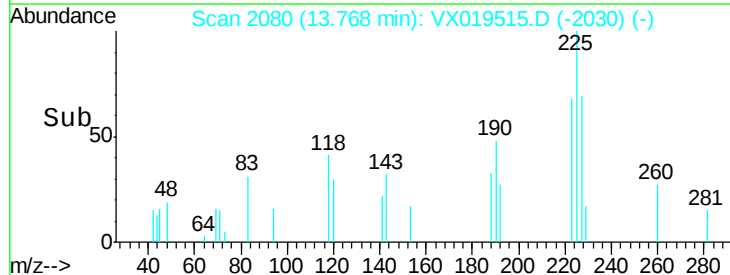
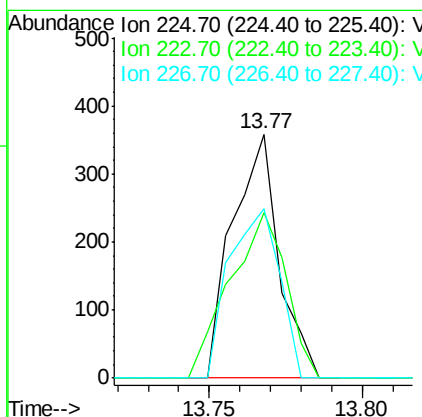
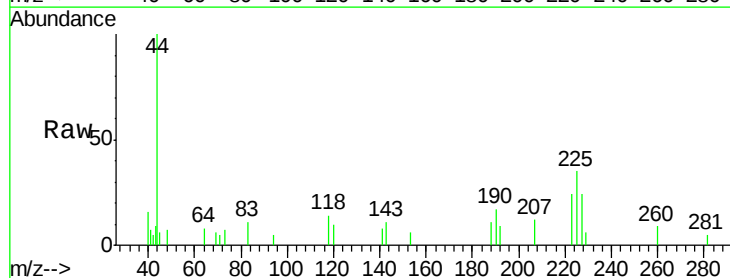
Instrument :
 MSVOA_X
 ClientSampled :
 PB133122TB

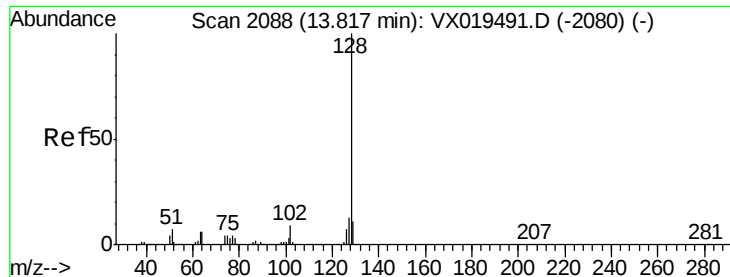
Tot Ion:180 Resp: 1205
 Ion Ratio Lower Upper
 180 100
 182 89.5 48.6 145.9
 145 30.0 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 0.241 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019515.D
 Acq: 21 Nov 2020 00:26

Tgt Ion:225 Resp: 376
 Ion Ratio Lower Upper
 225 100
 223 82.4 32.5 97.5
 227 75.0 32.8 98.3





#95

Naphthalene

Concen: 2.388 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

Instrument :

MSVOA_X

ClientSampleId :

PB133122TB

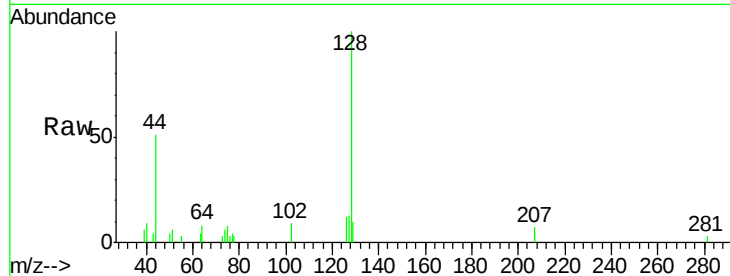
Tot Ion:128 Resp: 2650

Ion Ratio Lower Upper

128 100

127 15.2 10.3 15.5

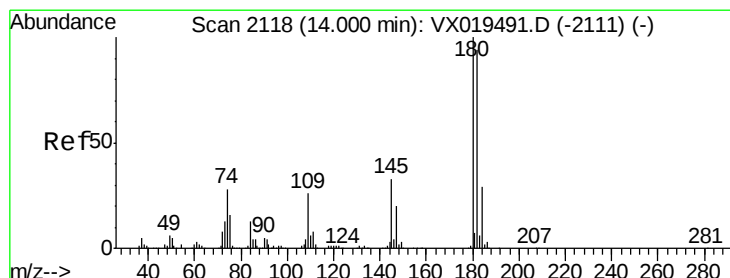
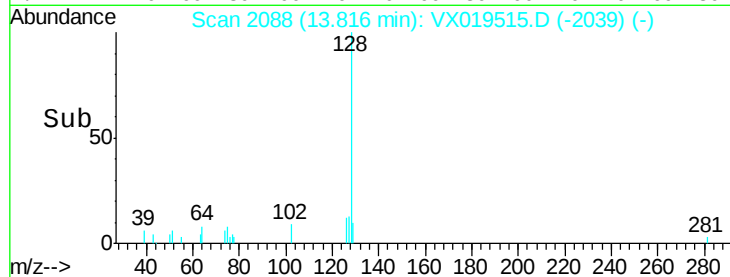
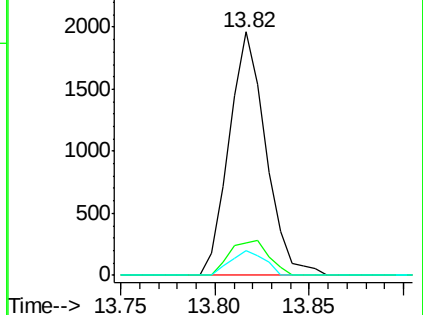
129 9.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.295 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019515.D

Acq: 21 Nov 2020 00:26

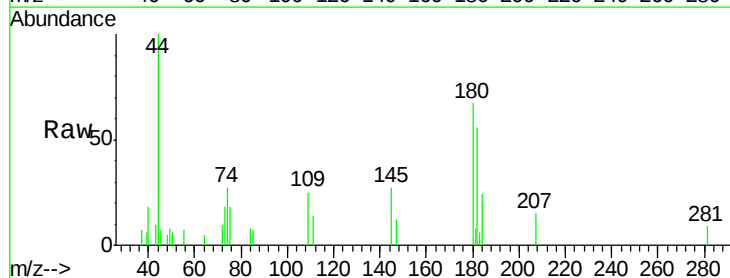
Tgt Ion:180 Resp: 1010

Ion Ratio Lower Upper

180 100

182 96.3 48.1 144.3

145 31.7 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

