

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033628.D
 Acq On : 06 Jan 2023 14:15
 Operator : JC/MD
 Sample : PB050057ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB050057ZHE#05

Quant Time: Jan 07 04:24:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

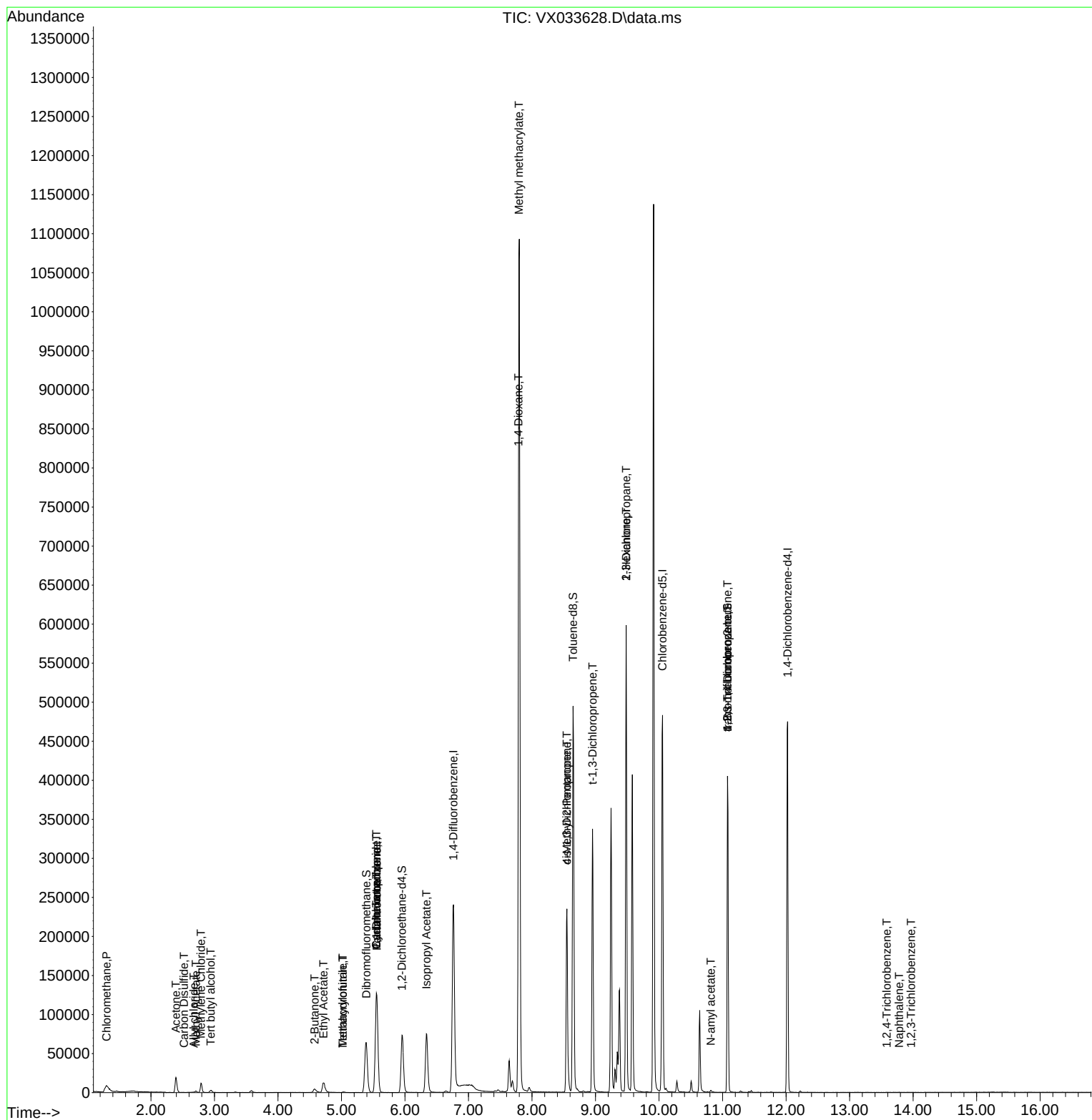
Internal Standards						
1) Pentafluorobenzene	5.556	168	129248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72449	49.655	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.320%		
35) Dibromofluoromethane	5.391	113	55012	33.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	67.520%#		
50) Toluene-d8	8.647	98	288580	49.548	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.100%		
62) 4-Bromofluorobenzene	11.079	95	103489	50.129	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.260%		
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	541	0.412	ug/l #	42
11) Tert butyl alcohol	2.940	59	1833	7.648	ug/l #	80
14) Allyl chloride	2.672	41	591	0.293	ug/l #	37
16) Acetone	2.392	43	25772	40.845	ug/l	95
17) Carbon Disulfide	2.520	76	273	1.717	ug/l #	74
18) Methyl Acetate	2.709	43	2276	1.125	ug/l	96
20) Methylene Chloride	2.788	84	5515	2.389	ug/l	93
25) 2-Butanone	4.574	43	7403	7.771	ug/l	96
29) Tetrahydrofuran	5.019	42	364	0.602	ug/l #	34
31) Cyclohexane	5.550	56	2660	1.310	ug/l #	49
36) 1,1-Dichloropropene	5.550	75	9032	4.092	ug/l #	50
37) Ethyl Acetate	4.714	43	24384	8.193	ug/l	100
38) Carbon Tetrachloride	5.550	117	11892	5.091	ug/l #	14
41) Methacrylonitrile	5.019	41	369	0.275	ug/l #	51
43) Isopropyl Acetate	6.336	43	105367	27.921	ug/l	99
48) Methyl methacrylate	7.793	41	95649	50.071	ug/l #	44
49) 1,4-Dioxane	7.787	88	143	3.519	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	87835	36.773	ug/l #	52
53) t-1,3-Dichloropropene	8.951	75	789	0.436	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	37278	14.941	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	4963	1.746	ug/l #	42
59) 2-Hexanone	9.482	43	72032	40.824	ug/l #	51
74) N-amyl acetate	10.817	43	899	0.294	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	50436	25.794	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	50436	78.287	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.585	180	167	1.662	ug/l #	59
95) Naphthalene	13.780	128	403	3.168	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.969	180	49	3.767	ug/l #	45

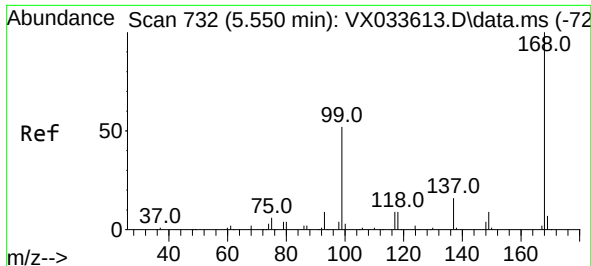
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
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Quant Title : SW846 8260
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Response via : Initial Calibration

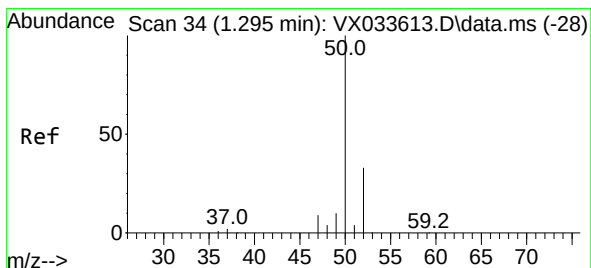
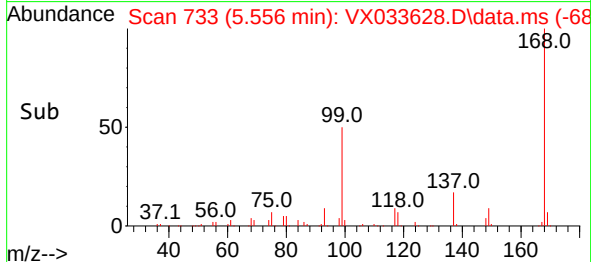
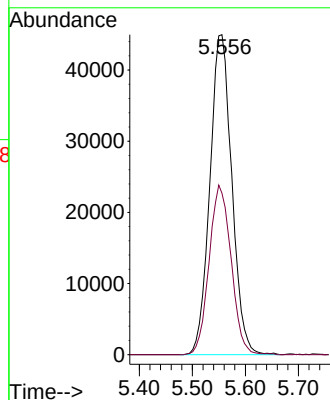
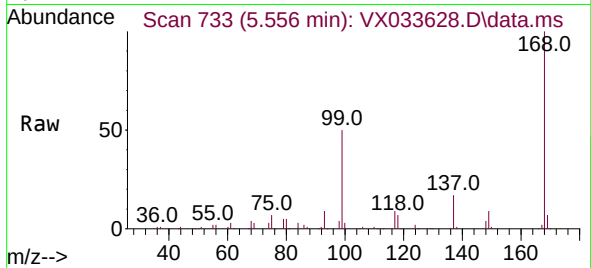




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

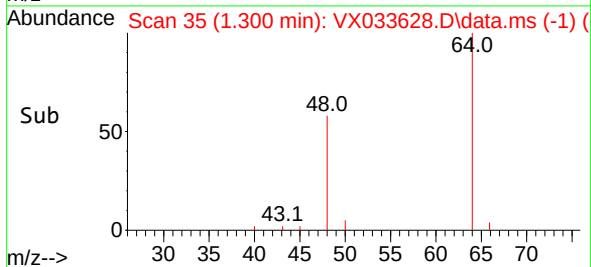
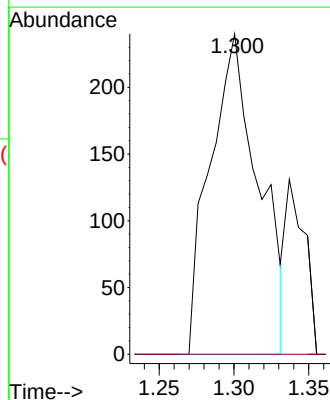
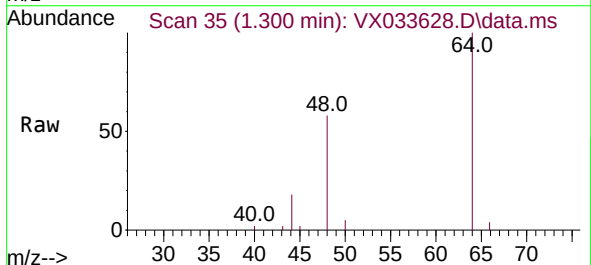
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#05

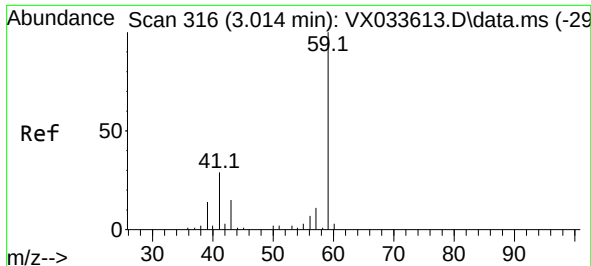
Tgt Ion:168 Resp: 129248
Ion Ratio Lower Upper
168 100
99 50.4 41.4 62.2



#3
Chloromethane
Concen: 0.412 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Tgt Ion: 50 Resp: 541
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#





#11

Tert butyl alcohol

Concen: 7.648 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.073 min

Lab File: VX033628.D

Acq: 06 Jan 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

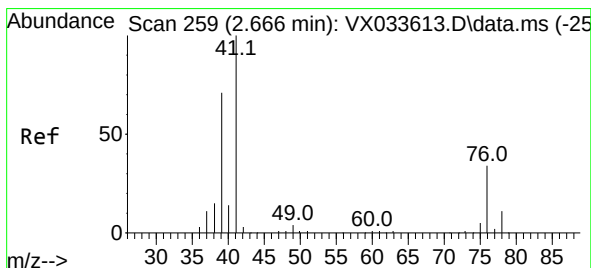
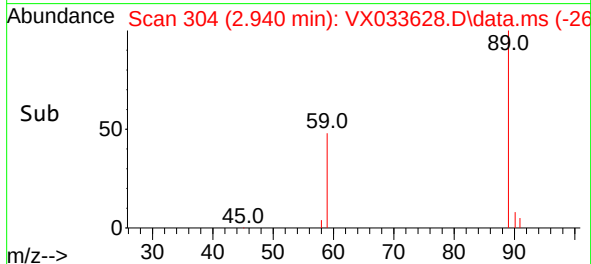
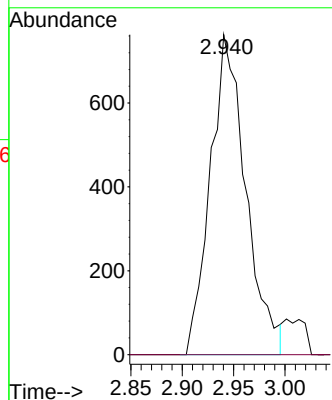
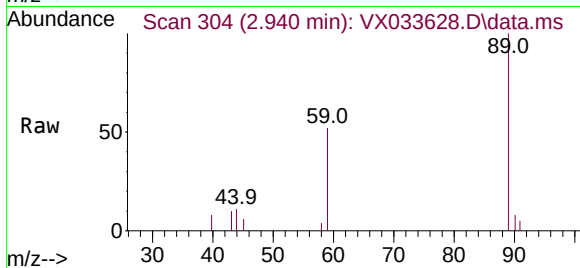
PB050057ZHE#05

Tgt Ion: 59 Resp: 1833

Ion Ratio Lower Upper

59 100

57 0.0 5.5 8.3#



#14

Allyl chloride

Concen: 0.293 ug/l

RT: 2.672 min Scan# 260

Delta R.T. 0.006 min

Lab File: VX033628.D

Acq: 06 Jan 2023 14:15

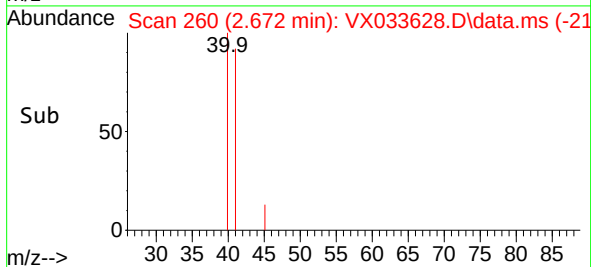
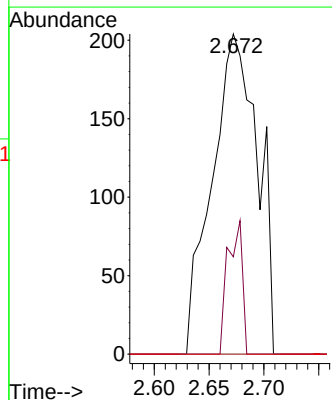
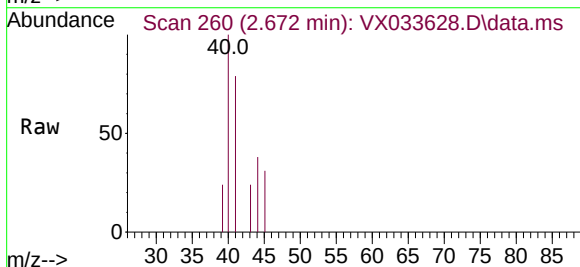
Tgt Ion: 41 Resp: 591

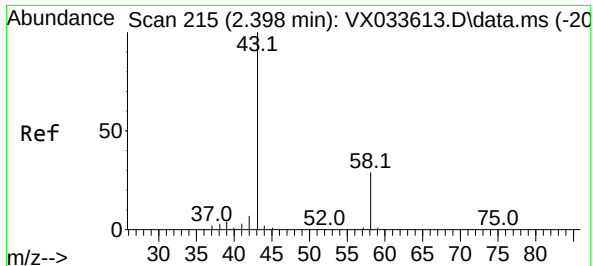
Ion Ratio Lower Upper

41 100

39 13.4 53.3 79.9#

76 0.0 25.0 37.4#

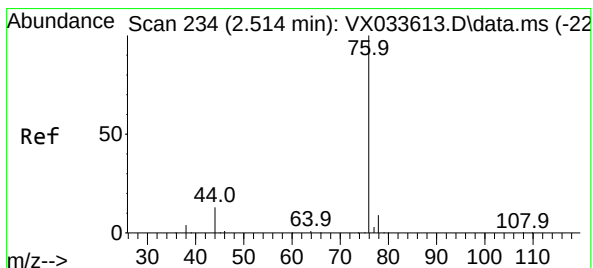
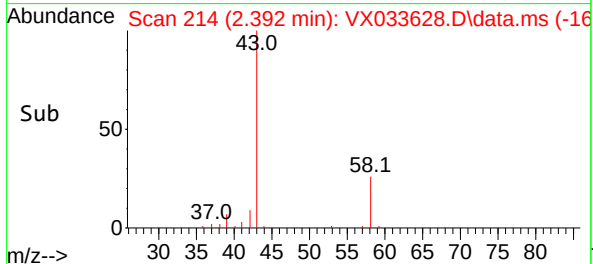
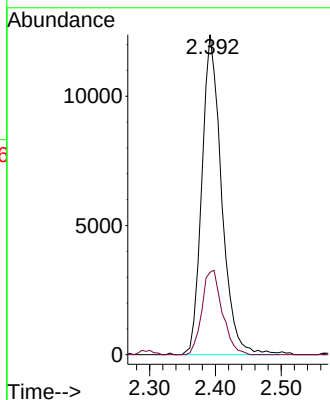
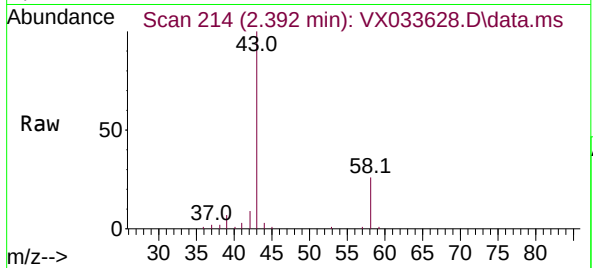




#16
Acetone
Concen: 40.845 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

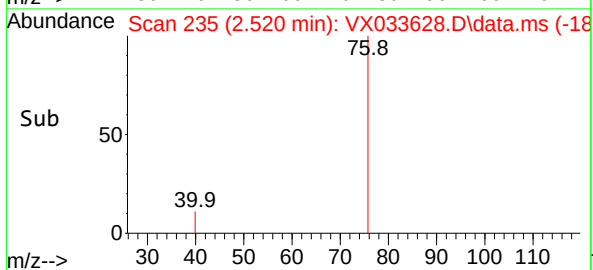
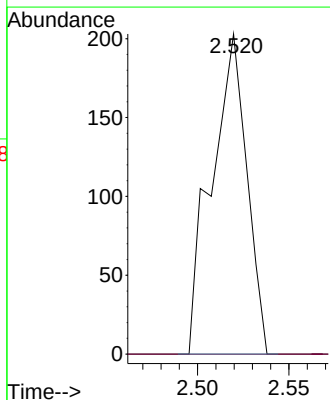
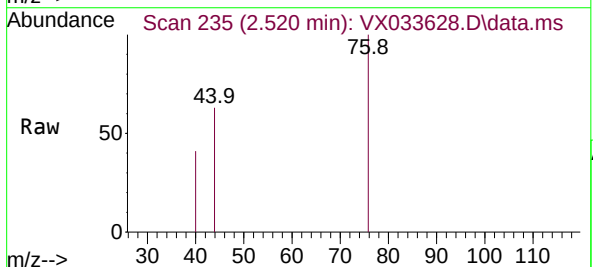
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#05

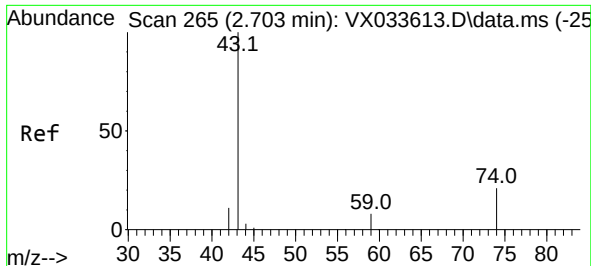
Tgt Ion: 43 Resp: 25772
Ion Ratio Lower Upper
43 100
58 25.8 22.9 34.3



#17
Carbon Disulfide
Concen: 1.717 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Tgt Ion: 76 Resp: 273
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

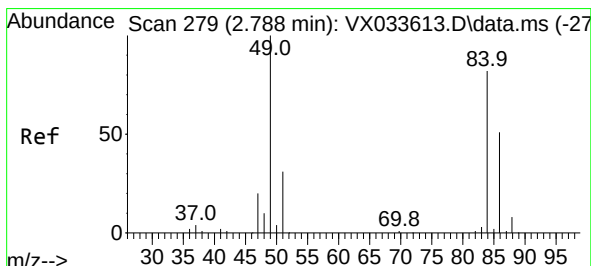
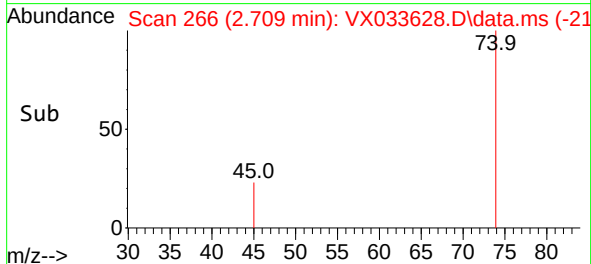
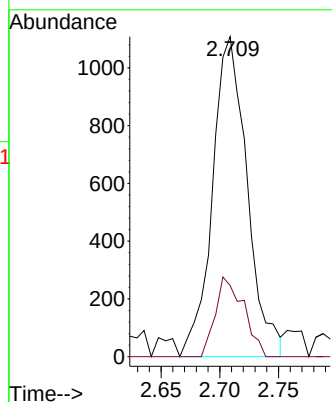
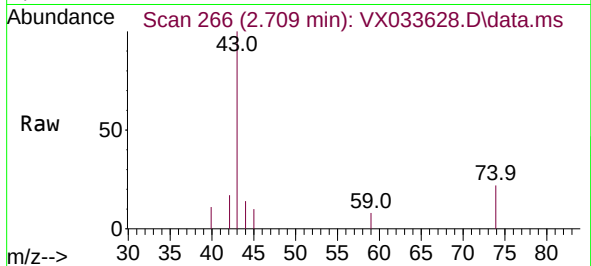




#18
Methyl Acetate
Concen: 1.125 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

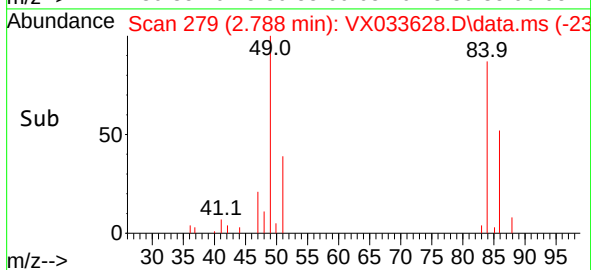
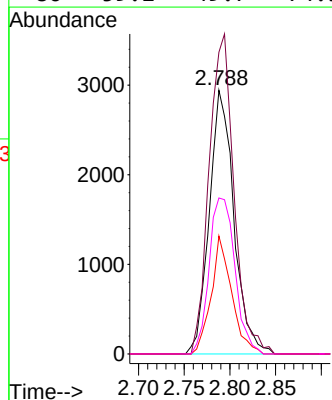
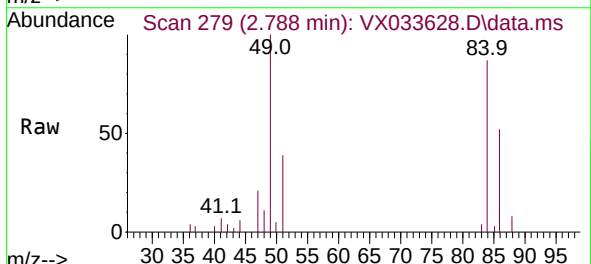
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#05

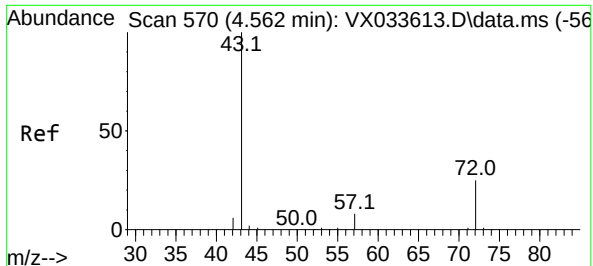
Tgt Ion: 43 Resp: 2276
Ion Ratio Lower Upper
43 100
74 20.3 17.9 26.9



#20
Methylene Chloride
Concen: 2.389 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Tgt Ion: 84 Resp: 5515
Ion Ratio Lower Upper
84 100
49 114.4 97.6 146.4
51 44.7 30.4 45.6
86 59.2 49.7 74.5





#25

2-Butanone

Concen: 7.771 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX033628.D

Acq: 06 Jan 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

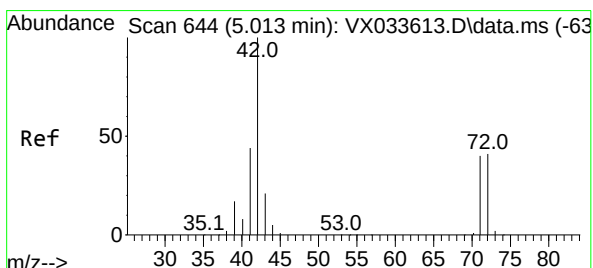
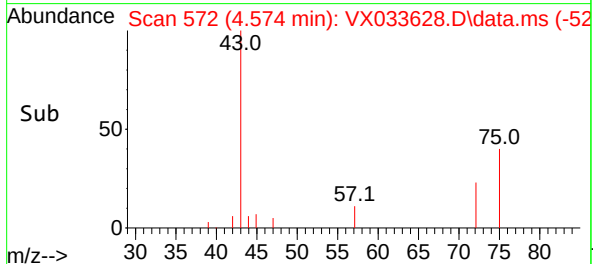
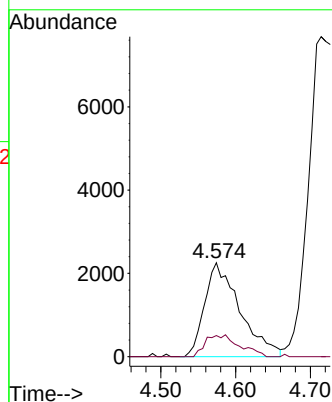
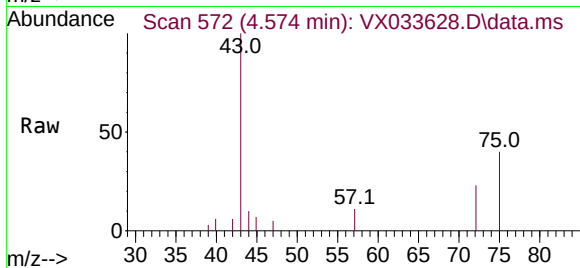
PB050057ZHE#05

Tgt Ion: 43 Resp: 7403

Ion Ratio Lower Upper

43 100

72 22.5 19.8 29.6



#29

Tetrahydrofuran

Concen: 0.602 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX033628.D

Acq: 06 Jan 2023 14:15

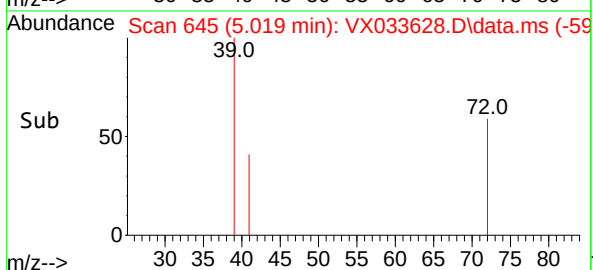
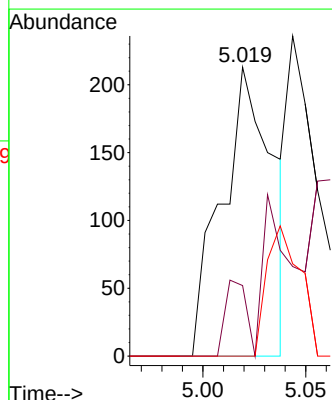
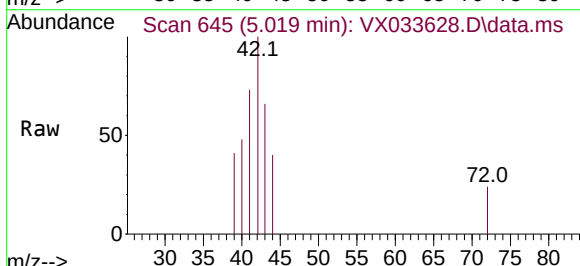
Tgt Ion: 42 Resp: 364

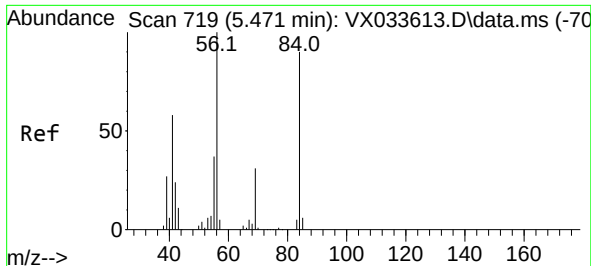
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

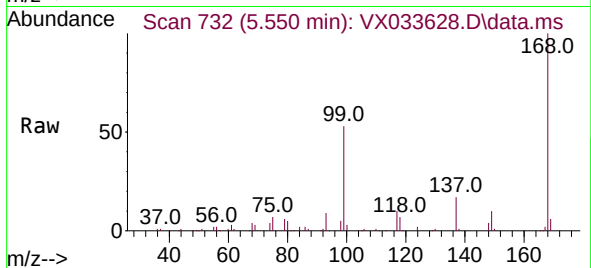
71 0.0 31.4 47.0#



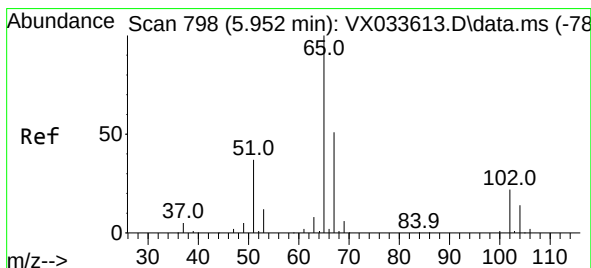
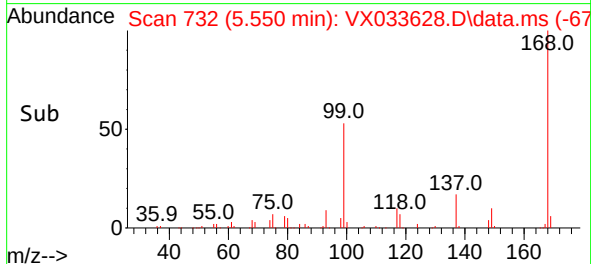
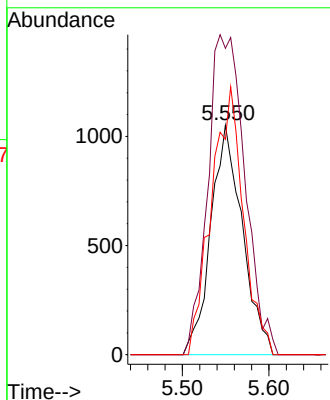


#31
Cyclohexane
Concen: 1.310 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Instrument :
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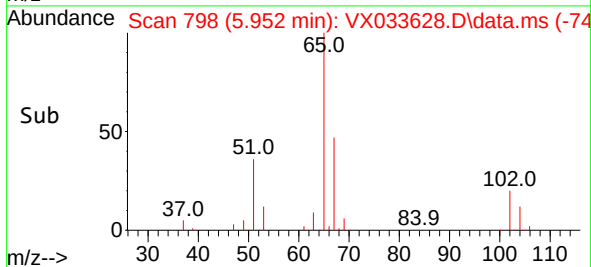
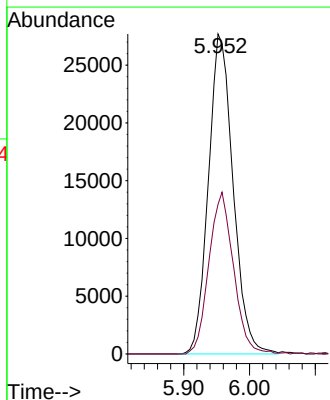
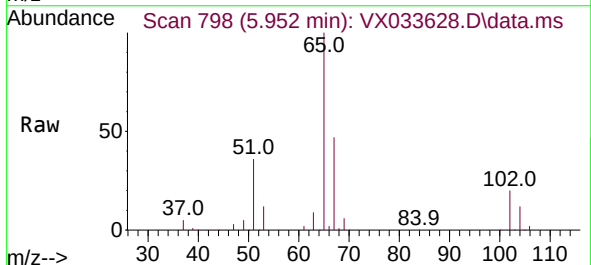


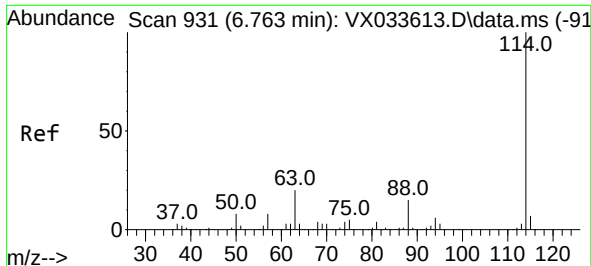
Tgt Ion: 56 Resp: 2660
Ion Ratio Lower Upper
56 100
69 133.6 24.6 36.8#
84 93.9 72.2 108.2



#33
1,2-Dichloroethane-d4
Concen: 49.655 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Tgt Ion: 65 Resp: 72449
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.8

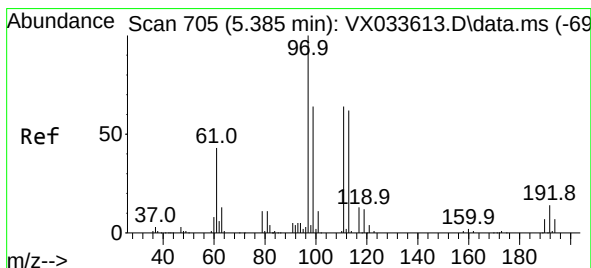
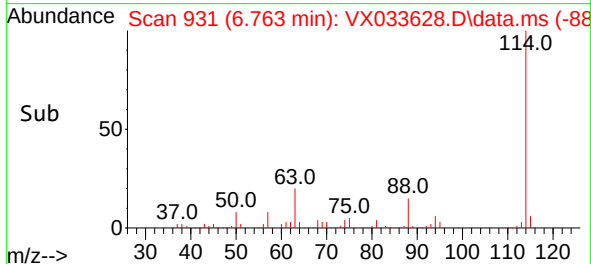
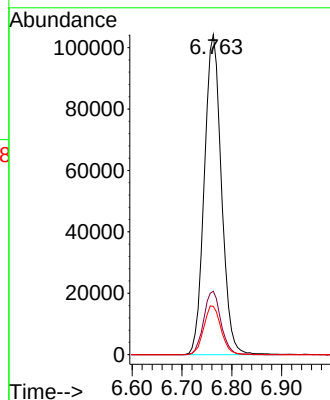
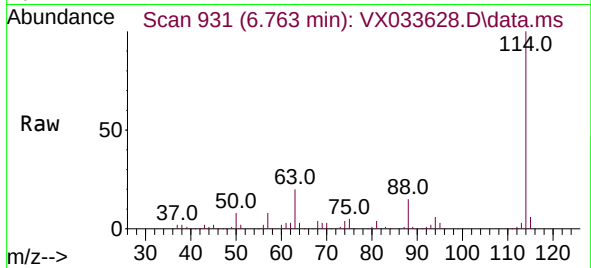




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

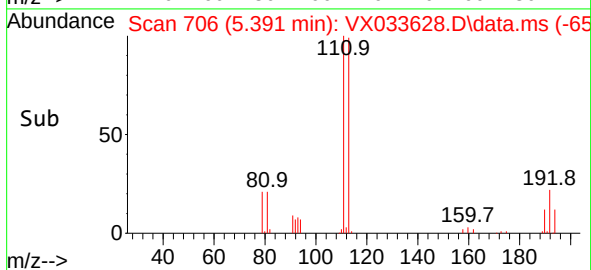
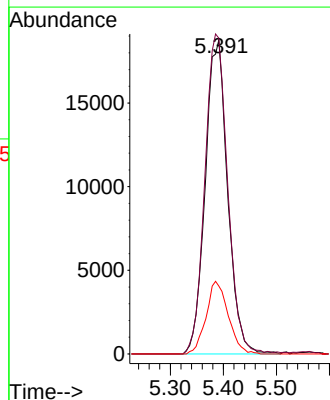
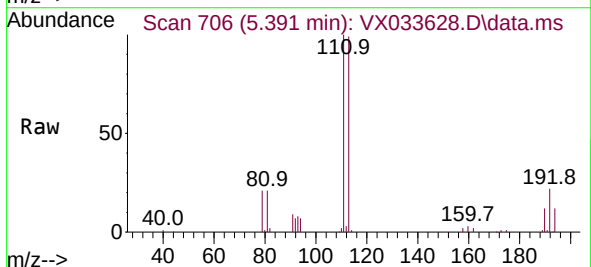
Instrument :
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ClientSampleId :
PB050057ZHE#05

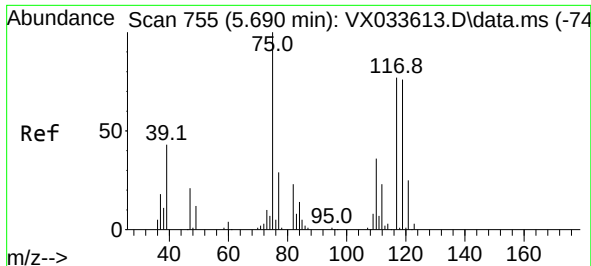
Tgt Ion:114 Resp: 247910
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.0
88 15.1 0.0 29.6



#35
Dibromofluoromethane
Concen: 33.760 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

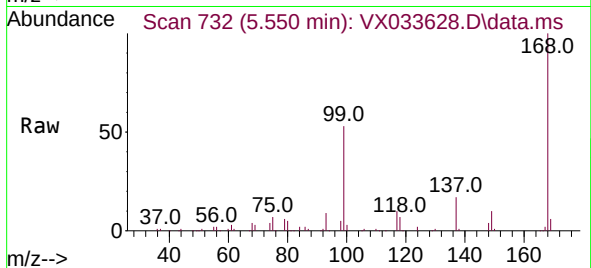
Tgt Ion:113 Resp: 55012
Ion Ratio Lower Upper
113 100
111 103.7 81.2 121.8
192 22.9 18.2 27.2



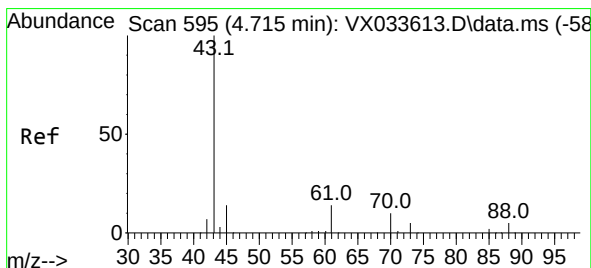
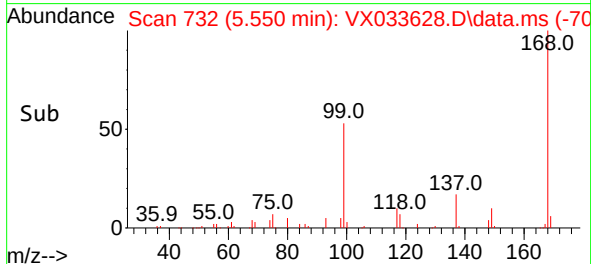
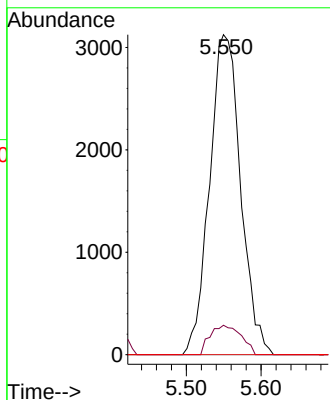


#36
1,1-Dichloropropene
Concen: 4.092 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#05

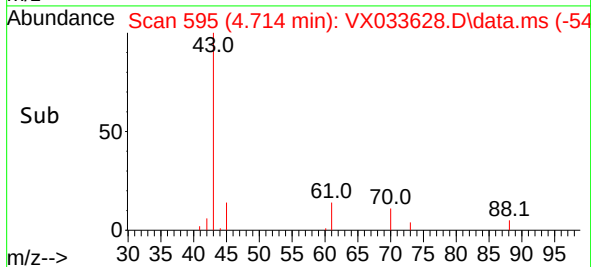
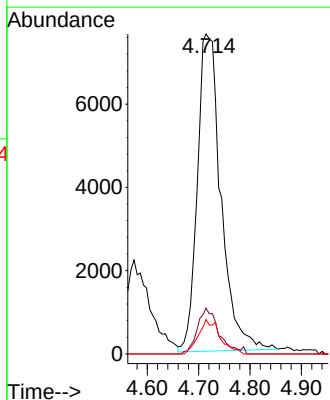
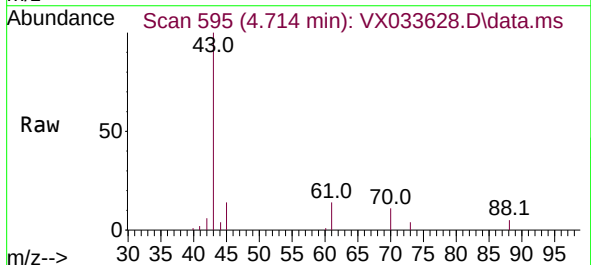


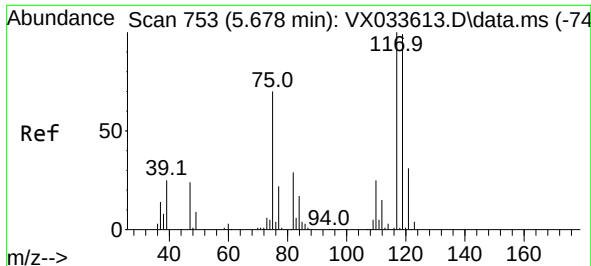
Tgt Ion: 75 Resp: 9032
Ion Ratio Lower Upper
75 100
110 9.2 18.0 54.0#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 8.193 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

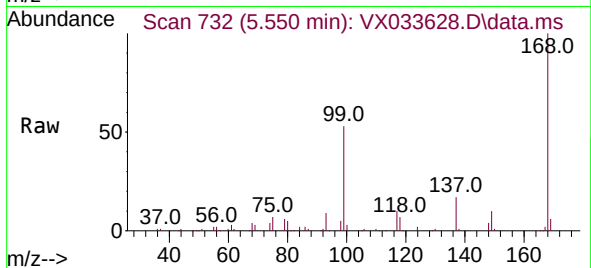
Tgt Ion: 43 Resp: 24384
Ion Ratio Lower Upper
43 100
61 13.3 10.6 16.0
70 9.9 8.1 12.1



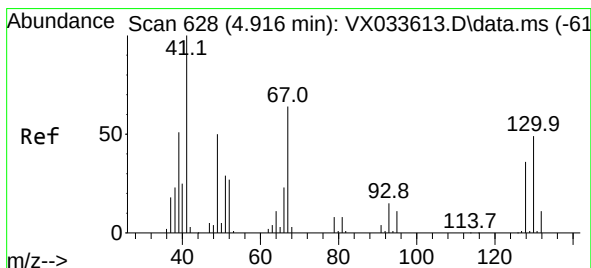
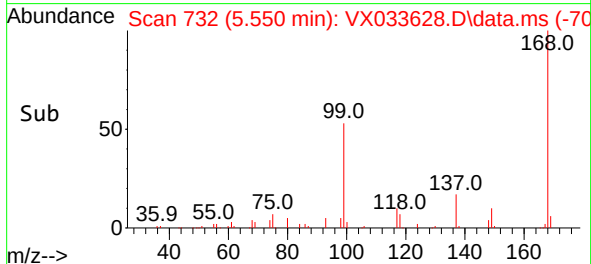
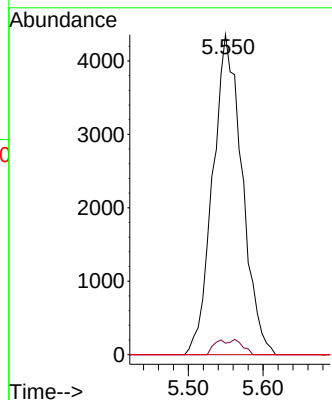


#38
Carbon Tetrachloride
Concen: 5.091 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#05

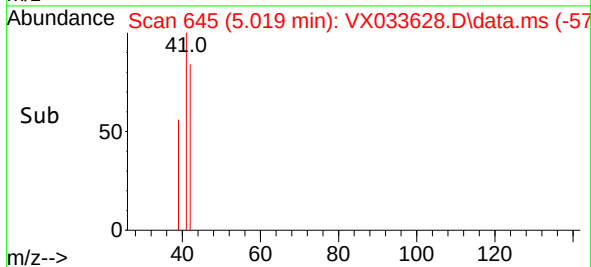
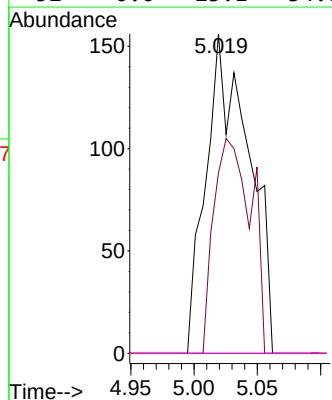
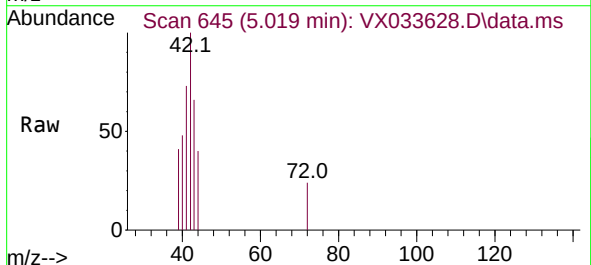


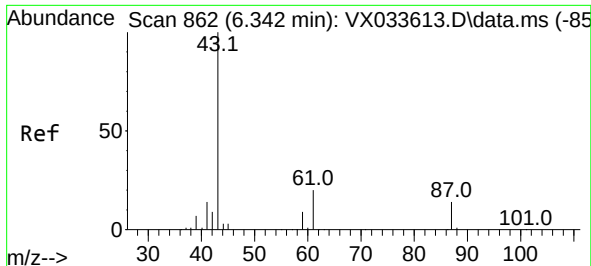
Tgt Ion:117 Resp: 11892
Ion Ratio Lower Upper
117 100
119 3.6 78.8 118.2#
121 0.0 24.9 37.3#



#41
Methacrylonitrile
Concen: 0.275 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.103 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Tgt Ion: 41 Resp: 369
Ion Ratio Lower Upper
41 100
39 58.3 44.1 66.1
67 0.0 53.8 80.6#
52 0.0 23.1 34.7#

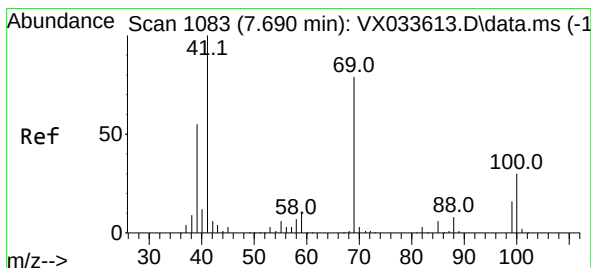
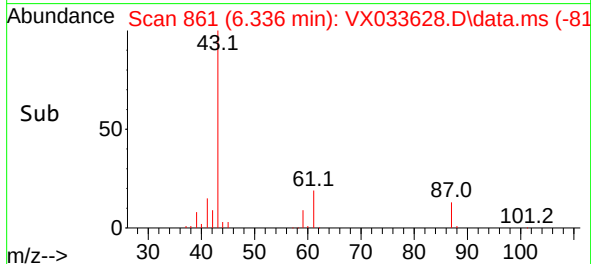
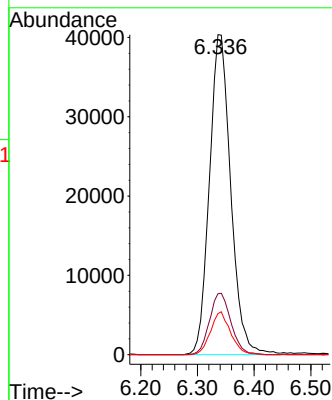
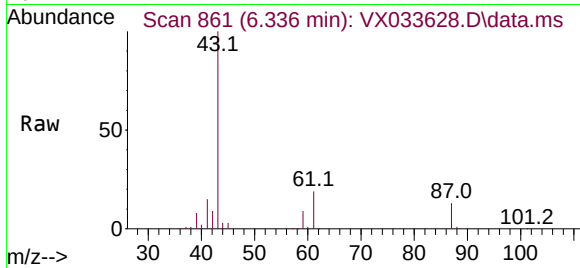




#43
Isopropyl Acetate
Concen: 27.921 ug/l
RT: 6.336 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

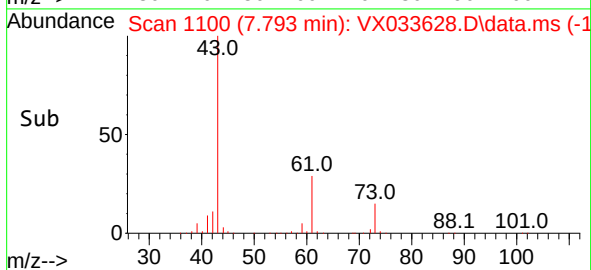
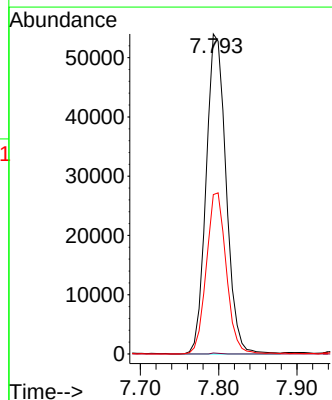
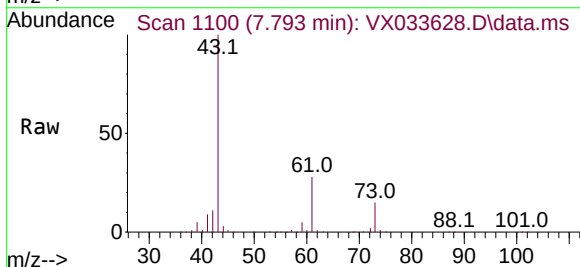
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#05

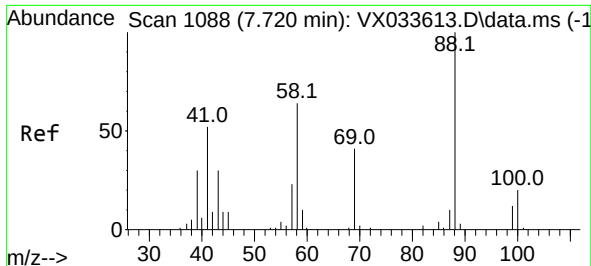
Tgt Ion: 43 Resp: 105367
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 12.6 10.6 16.0



#48
Methyl methacrylate
Concen: 50.071 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Tgt Ion: 41 Resp: 95649
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 50.2 44.8 67.2





#49

1,4-Dioxane

Concen: 3.519 ug/l

RT: 7.787 min Scan# 1099

Delta R.T. 0.067 min

Lab File: VX033628.D

Acq: 06 Jan 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

PB050057ZHE#05

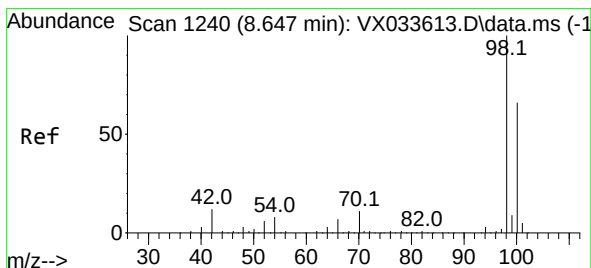
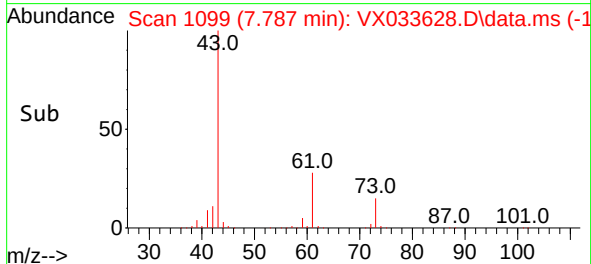
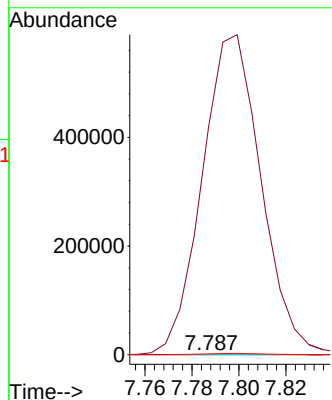
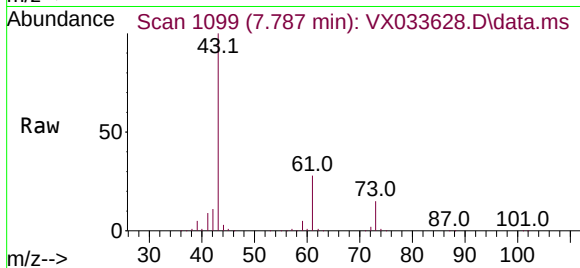
Tgt Ion: 88 Resp: 143

Ion Ratio Lower Upper

88 100

43 723873.4 24.1 36.1#

58 2844.1 57.1 85.7#



#50

Toluene-d8

Concen: 49.548 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033628.D

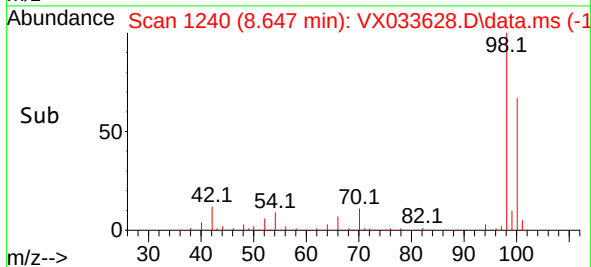
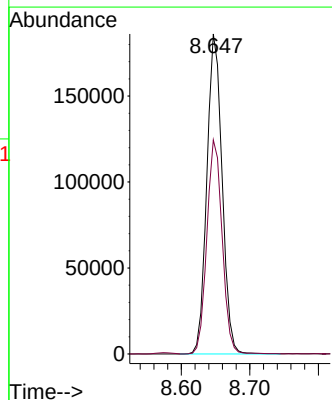
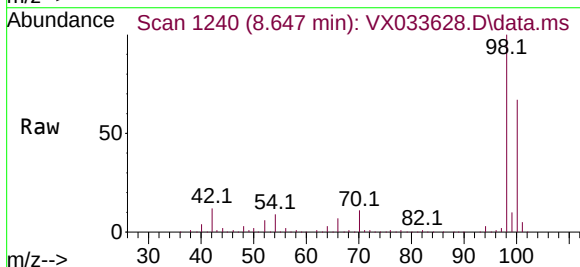
Acq: 06 Jan 2023 14:15

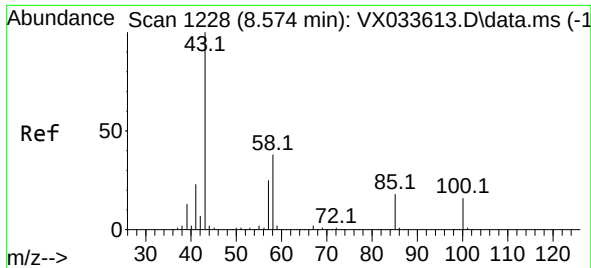
Tgt Ion: 98 Resp: 288580

Ion Ratio Lower Upper

98 100

100 67.1 53.6 80.4

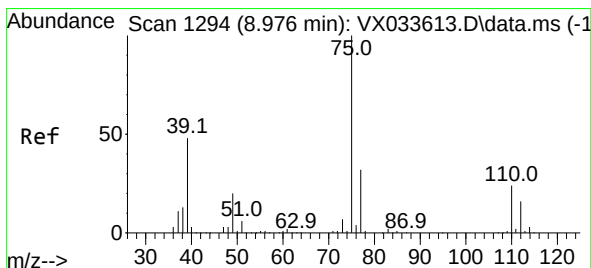
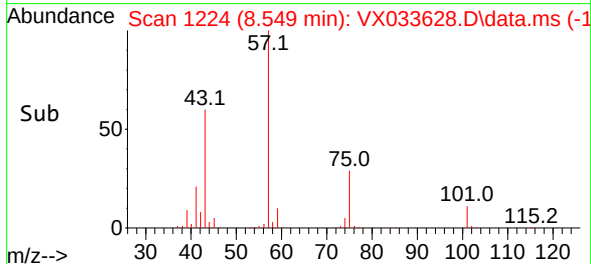
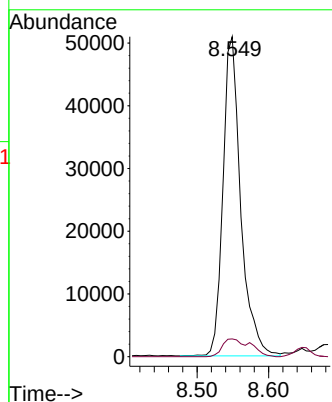
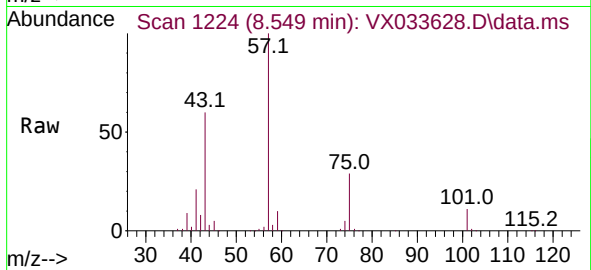




#51
4-Methyl-2-Pentanone
Concen: 36.773 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

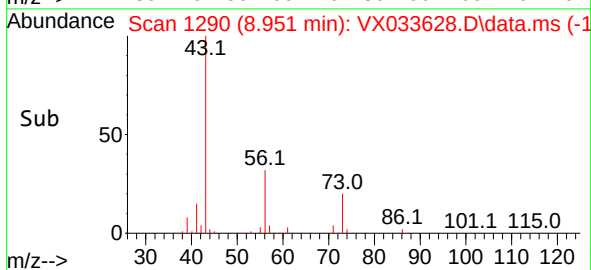
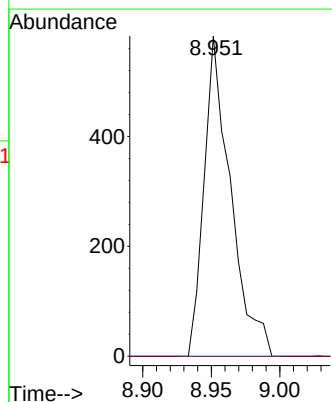
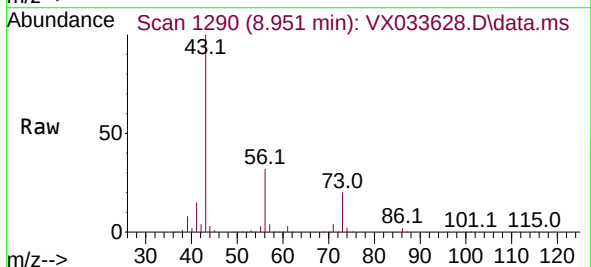
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#05

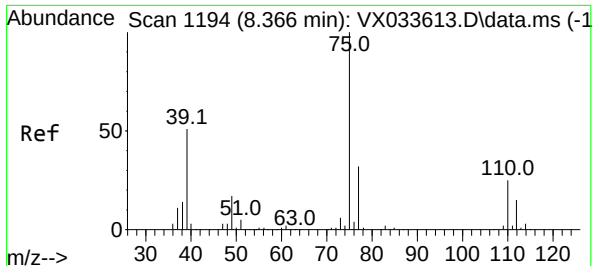
Tgt Ion: 43 Resp: 87835
Ion Ratio Lower Upper
43 100
58 8.9 30.5 45.7#



#53
t-1,3-Dichloropropene
Concen: 0.436 ug/l
RT: 8.951 min Scan# 1290
Delta R.T. -0.025 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Tgt Ion: 75 Resp: 789
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#

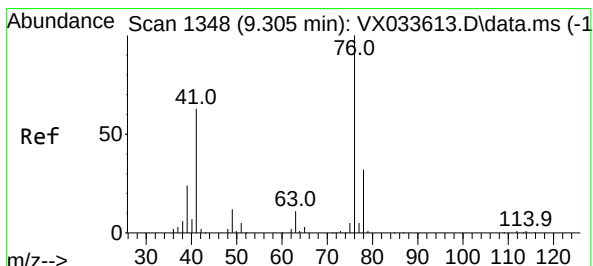
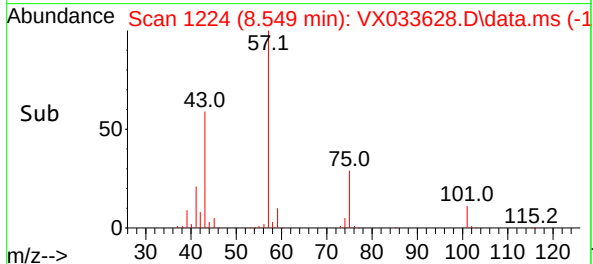
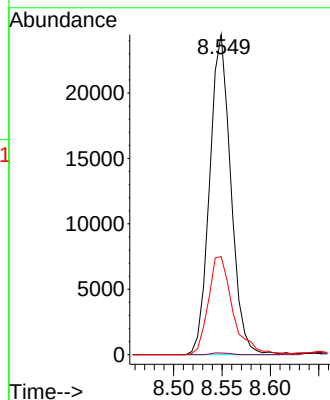
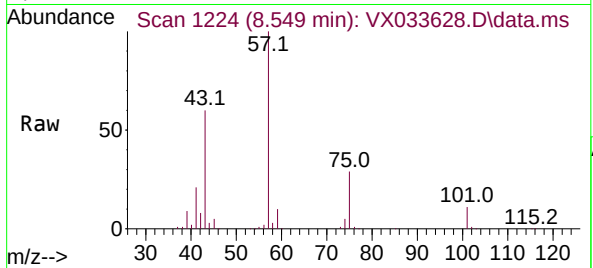




#54
cis-1,3-Dichloropropene
Concen: 14.941 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

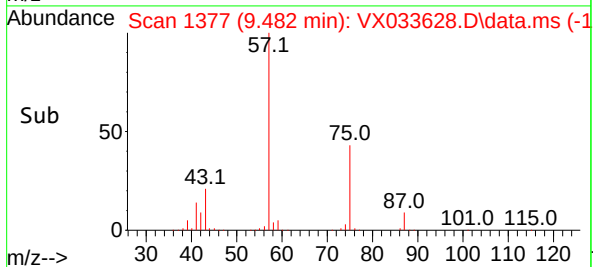
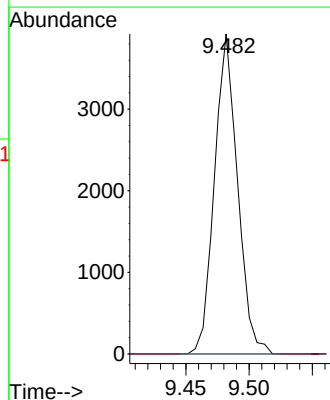
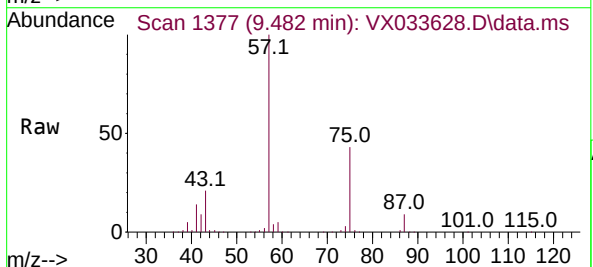
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#05

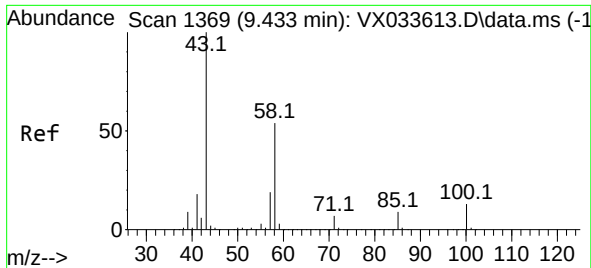
Tgt Ion: 75 Resp: 37278
Ion Ratio Lower Upper
75 100
77 0.5 25.5 38.3#
39 30.6 40.6 61.0#



#57
1,3-Dichloropropane
Concen: 1.746 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Tgt Ion: 76 Resp: 4963
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

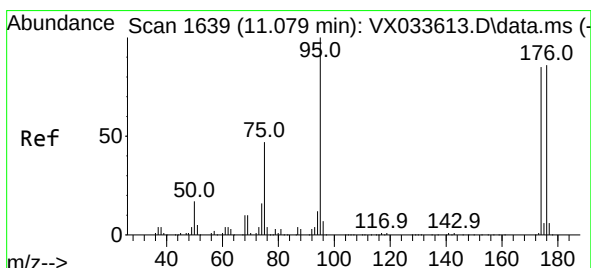
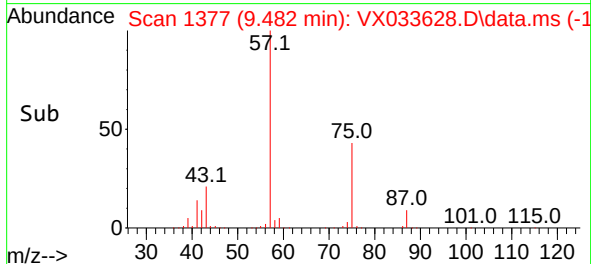
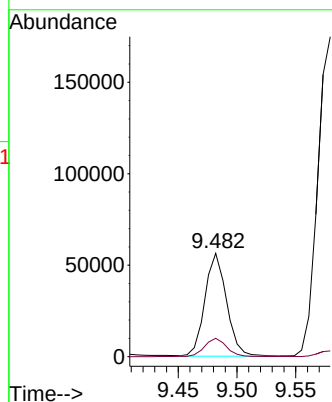
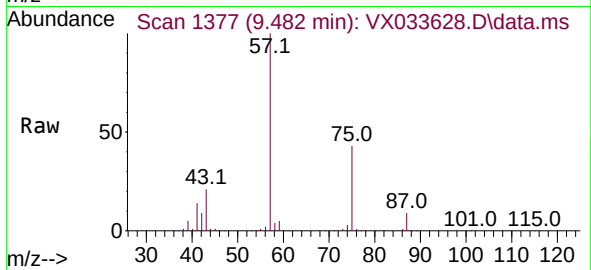




#59
2-Hexanone
Concen: 40.824 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

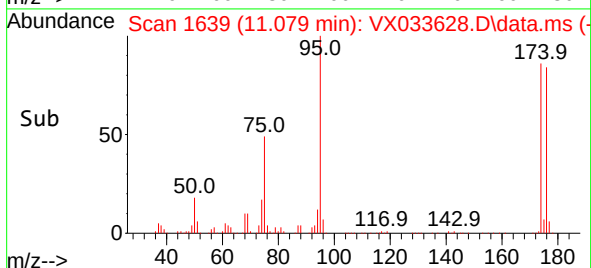
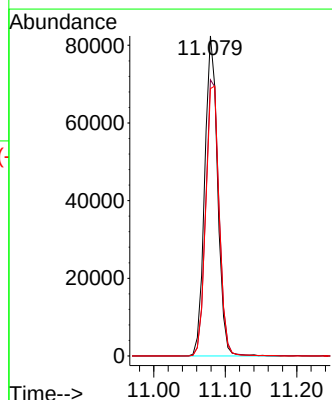
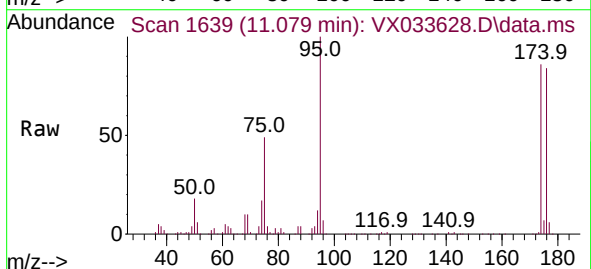
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#05

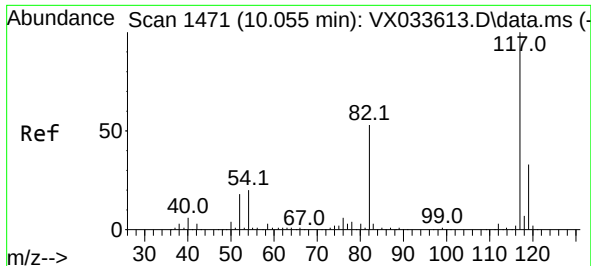
Tgt Ion: 43 Resp: 72032
Ion Ratio Lower Upper
43 100
58 18.7 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 50.129 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Tgt Ion: 95 Resp: 103489
Ion Ratio Lower Upper
95 100
174 89.3 0.0 180.4
176 88.0 0.0 176.2

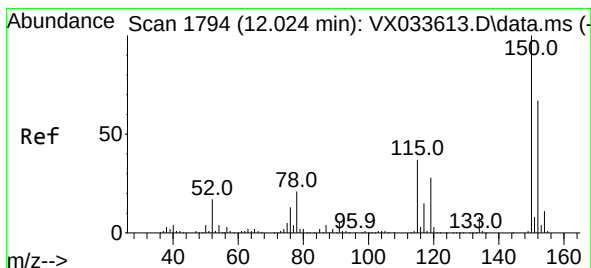
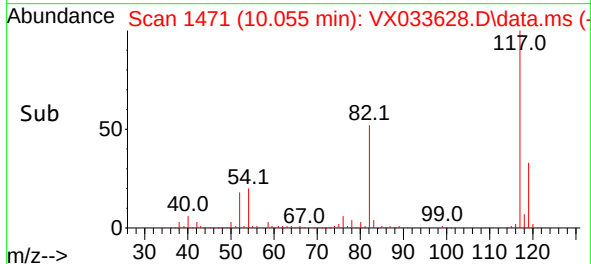
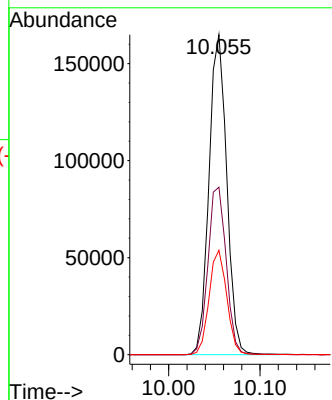
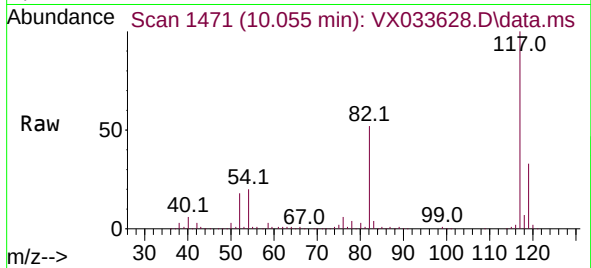




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

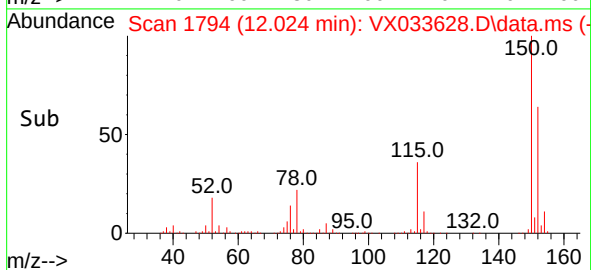
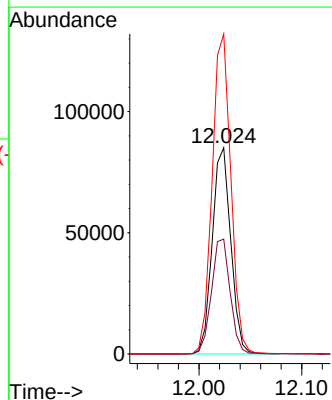
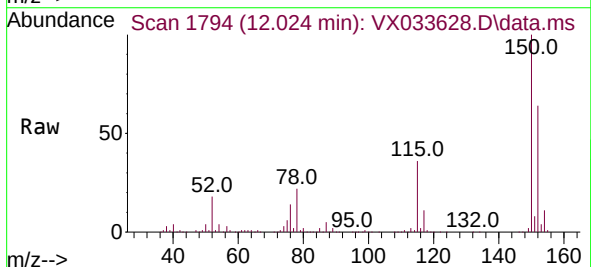
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#05

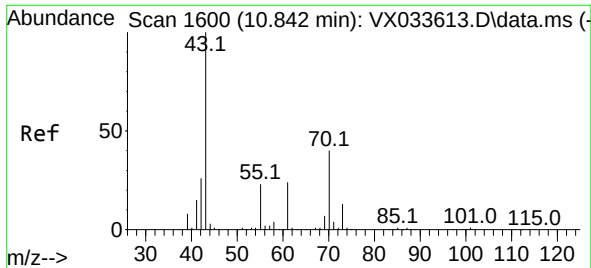
Tgt Ion:117 Resp: 222638
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 32.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Tgt Ion:152 Resp: 106733
Ion Ratio Lower Upper
152 100
115 56.2 38.5 115.5
150 156.7 0.0 340.4

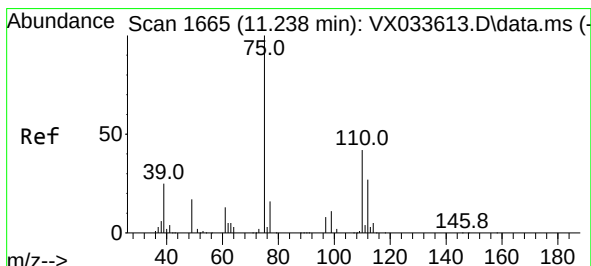
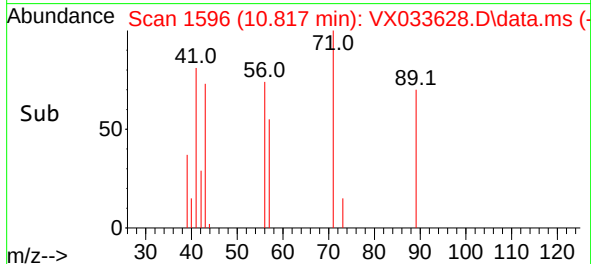
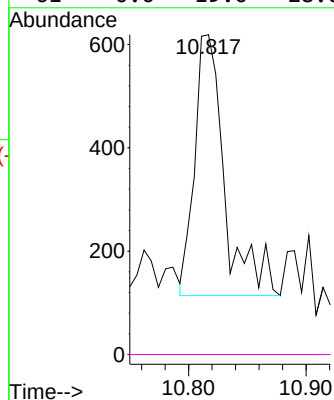
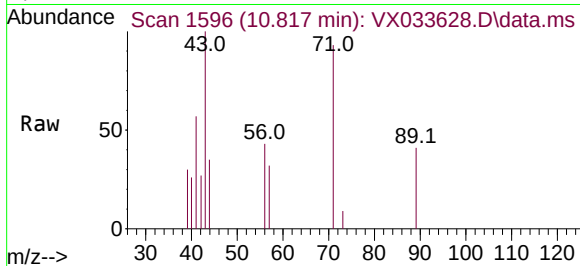




#74
N-amy1 acetate
Concen: 0.294 ug/l
RT: 10.817 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

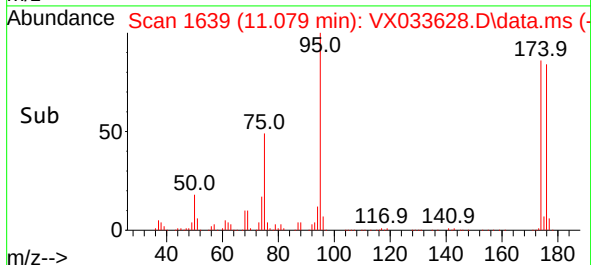
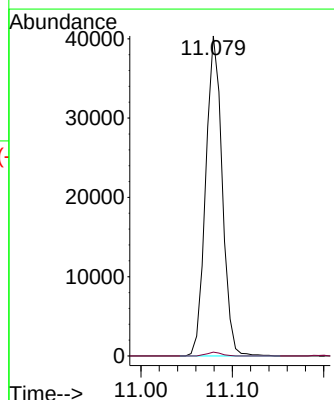
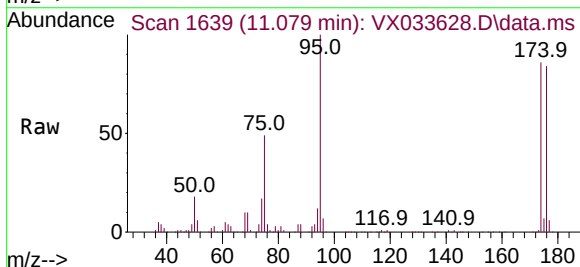
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#05

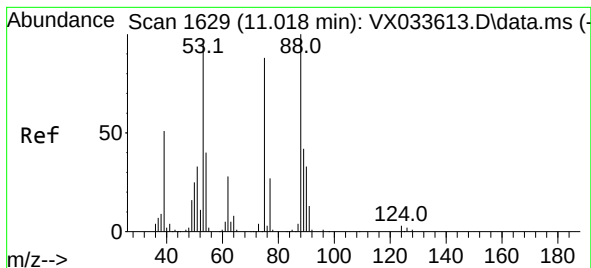
Tgt Ion: 43	Resp: 899
Ion Ratio	Lower Upper
43	100
70	0.0 33.4 50.0#
55	0.0 18.6 27.8#
61	0.0 19.0 28.6#



#76
1,2,3-Trichloropropane
Concen: 25.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Tgt Ion: 75	Resp: 50436
Ion Ratio	Lower Upper
75	100
77	1.1 21.3 63.9#

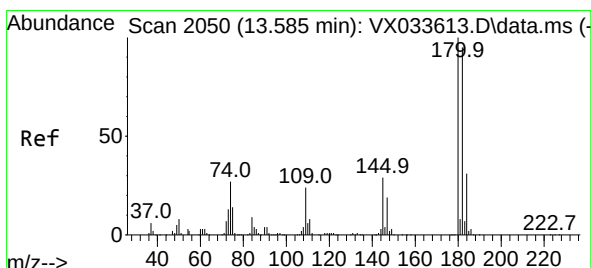
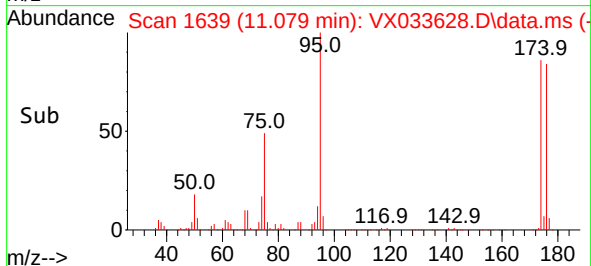
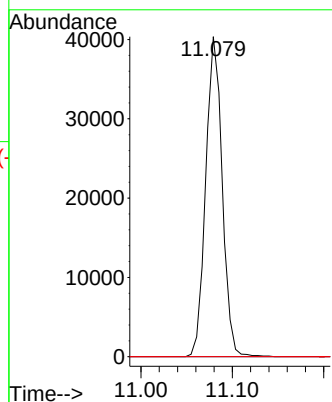
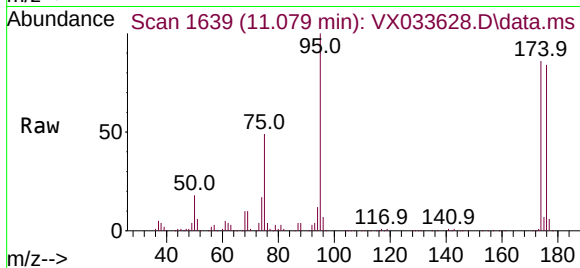




#81
trans-1,4-Dichloro-2-butene
Concen: 78.287 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

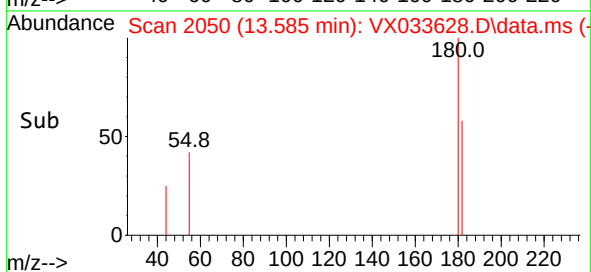
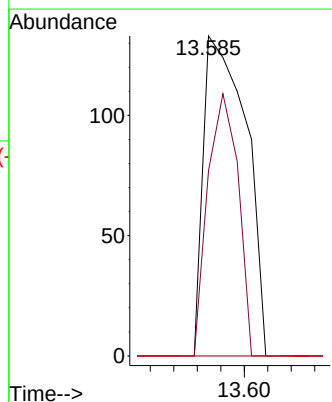
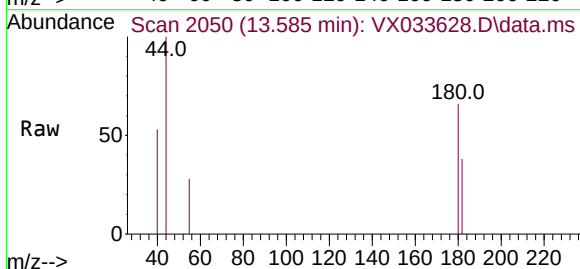
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#05

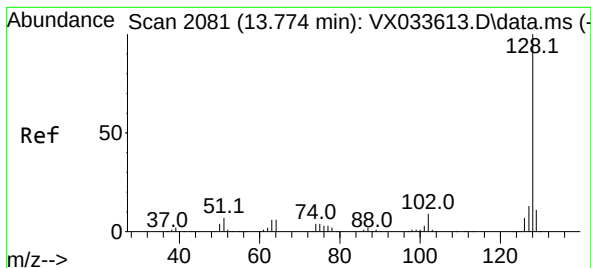
Tgt Ion: 75 Resp: 50436
Ion Ratio Lower Upper
75 100
53 0.0 86.4 129.6#
89 0.0 37.4 56.2#



#93
1,2,4-Trichlorobenzene
Concen: 1.662 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX033628.D
Acq: 06 Jan 2023 14:15

Tgt Ion:180 Resp: 167
Ion Ratio Lower Upper
180 100
182 58.7 47.4 142.2
145 0.0 14.1 42.2#





#95

Naphthalene

Concen: 3.168 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX033628.D

Acq: 06 Jan 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

PB050057ZHE#05

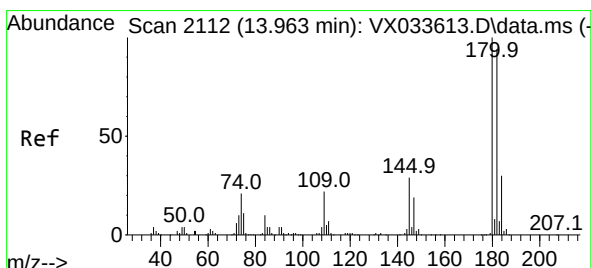
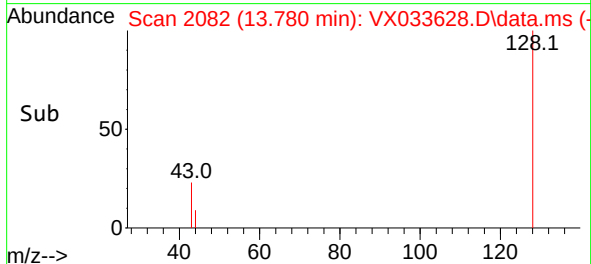
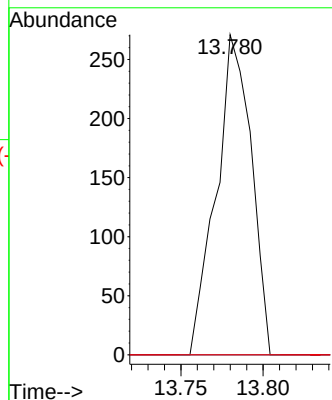
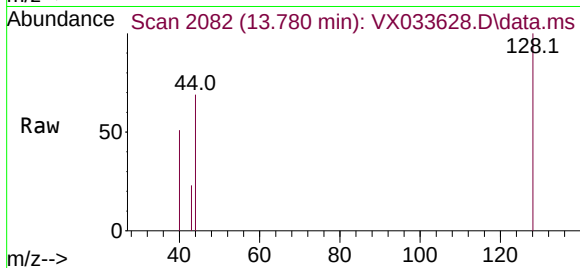
Tgt Ion:128 Resp: 403

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 9.0 13.4#



#96

1,2,3-Trichlorobenzene

Concen: 3.767 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX033628.D

Acq: 06 Jan 2023 14:15

Tgt Ion:180 Resp: 49

Ion Ratio Lower Upper

180 100

182 40.8 47.2 141.6#

145 0.0 15.0 45.0#

