

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033214.D
 Acq On : 03 Dec 2022 02:11
 Operator : JC/MD
 Sample : PB149377ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149377ZHE#08

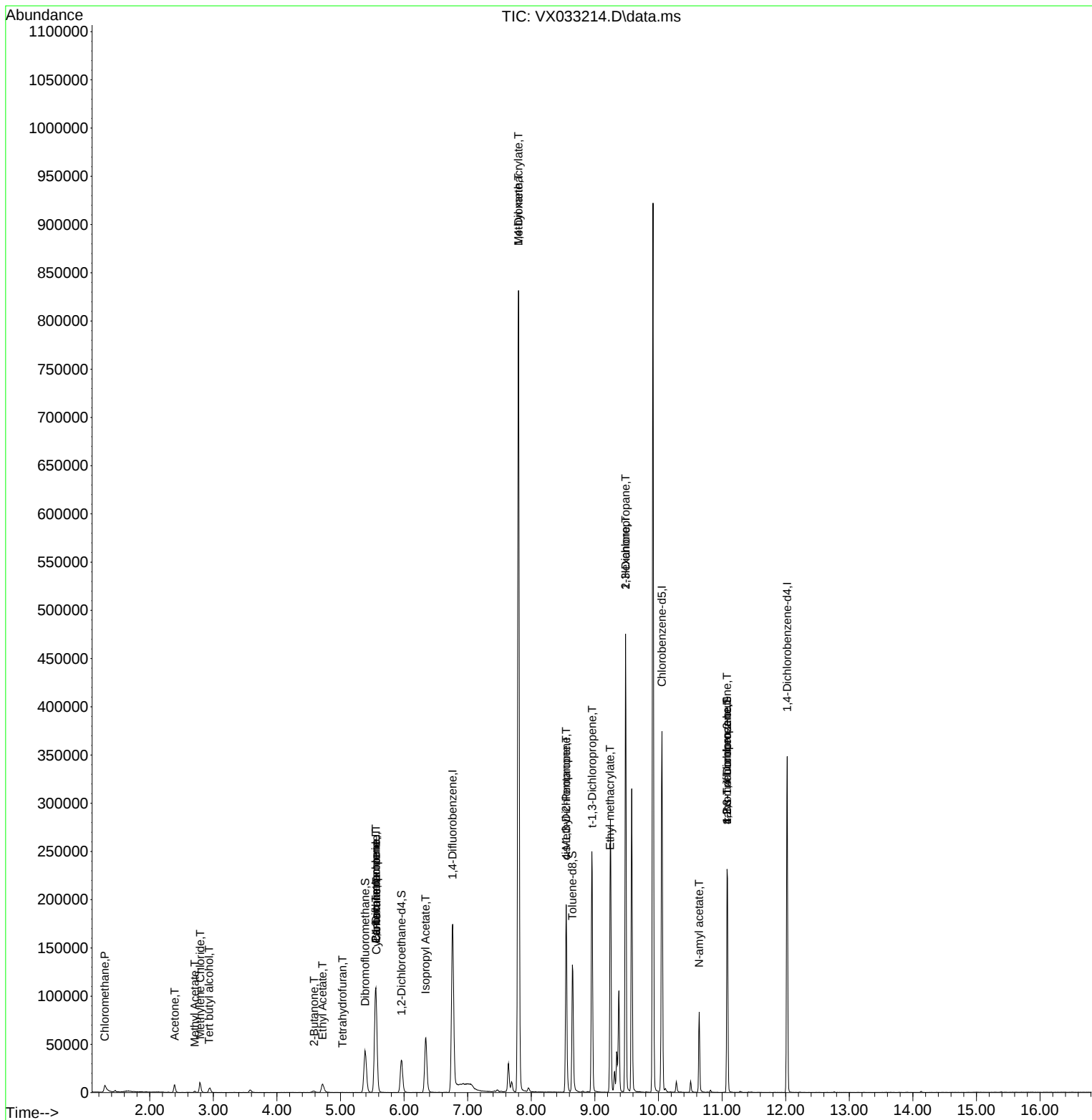
Quant Time: Dec 05 01:13:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35138	34.370	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	68.740%#		
35) Dibromofluoromethane	5.385	113	37942	38.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	77.580%		
50) Toluene-d8	8.646	98	79686	26.045	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	52.080%#		
62) 4-Bromofluorobenzene	11.079	95	60826	47.344	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.680%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	300	0.358	ug/l #	43
11) Tert butyl alcohol	2.934	59	2886	18.378	ug/l #	72
16) Acetone	2.392	43	9763	21.102	ug/l	98
18) Methyl Acetate	2.709	43	1666	1.301	ug/l	93
20) Methylene Chloride	2.794	84	4967	3.965	ug/l #	83
25) 2-Butanone	4.586	43	1202	1.884	ug/l #	84
29) Tetrahydrofuran	5.031	42	125	0.309	ug/l #	31
31) Cyclohexane	5.562	56	2183	1.360	ug/l #	38
36) 1,1-Dichloropropene	5.556	75	8171	5.225	ug/l #	50
37) Ethyl Acetate	4.714	43	15957	11.695	ug/l	99
38) Carbon Tetrachloride	5.556	117	10802	6.226	ug/l #	15
43) Isopropyl Acetate	6.336	43	75985	33.675	ug/l	99
48) Methyl methacrylate	7.799	41	73976	63.692	ug/l #	43
49) 1,4-Dioxane	7.799	88	89	4.163	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	65439	46.998	ug/l #	48
53) t-1,3-Dichloropropene	8.957	75	555	1.824	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	28787	16.344	ug/l #	60
56) Ethyl methacrylate	9.238	69	725	0.448	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3680	1.941	ug/l #	42
59) 2-Hexanone	9.482	43	54680	53.162	ug/l #	51
74) N-amyl acetate	10.640	43	21095	12.282	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	33679	25.170	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33679	81.813	ug/l #	6

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

Quant Time: Dec 05 01:13:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
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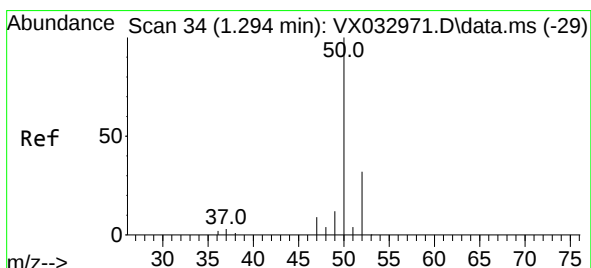
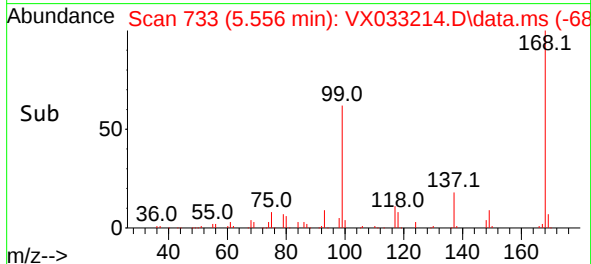
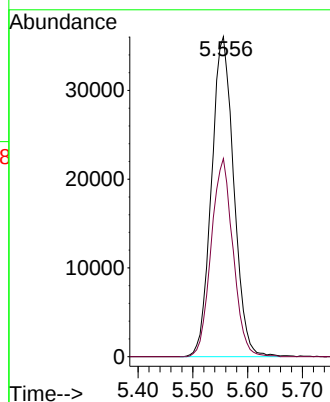
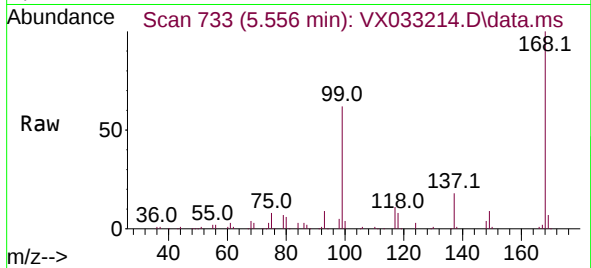




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

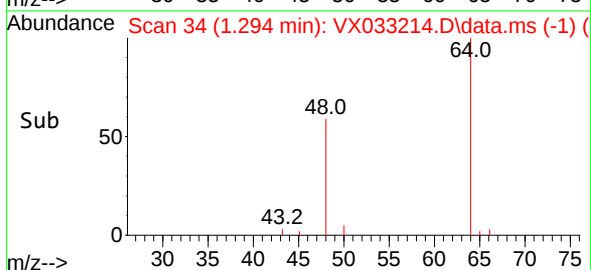
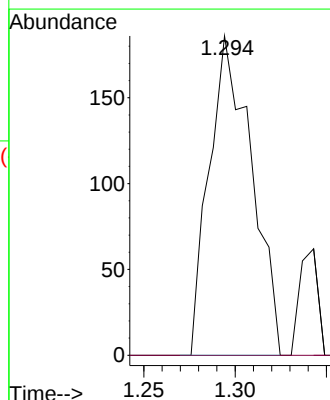
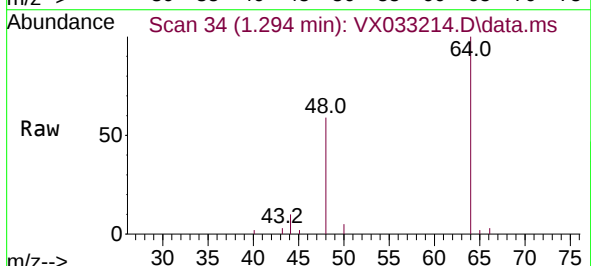
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#08

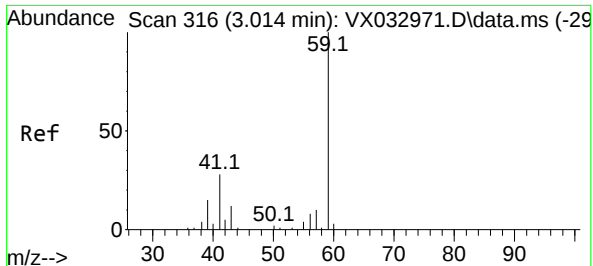
Tgt Ion:168 Resp: 101725
Ion Ratio Lower Upper
168 100
99 61.9 46.1 69.1



#3
Chloromethane
Concen: 0.358 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

Tgt Ion: 50 Resp: 300
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 18.378 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.031 min

Lab File: VX033214.D

Acq: 03 Dec 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

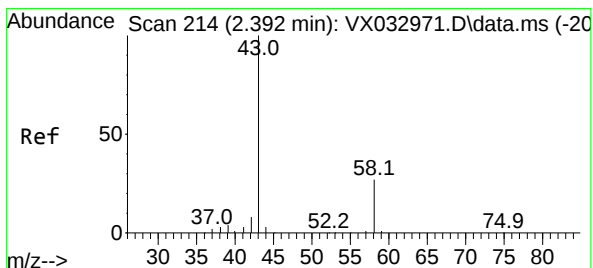
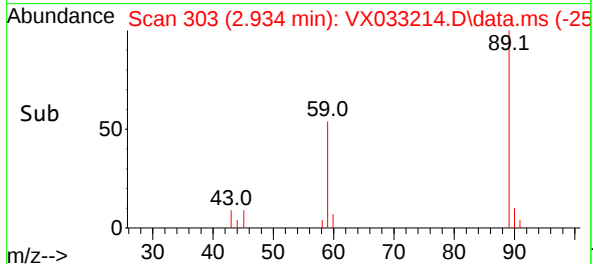
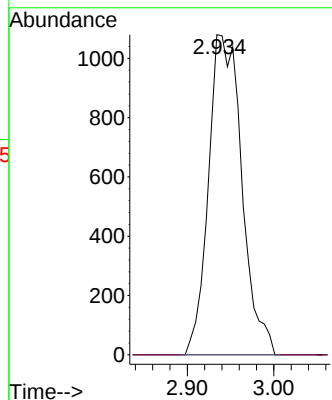
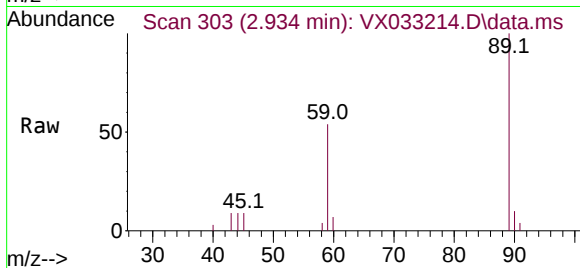
PB149377ZHE#08

Tgt Ion: 59 Resp: 2886

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 21.102 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033214.D

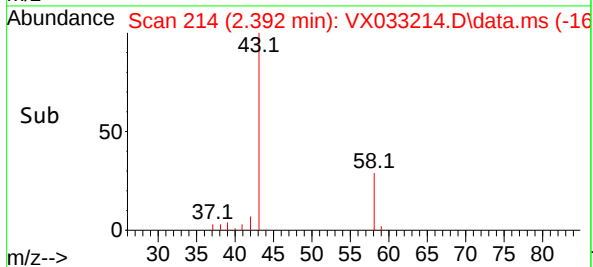
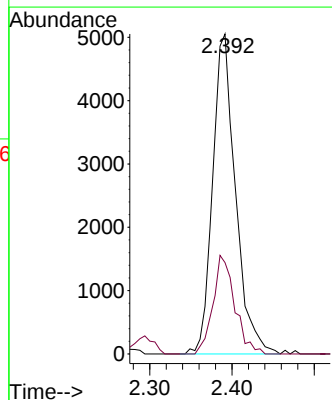
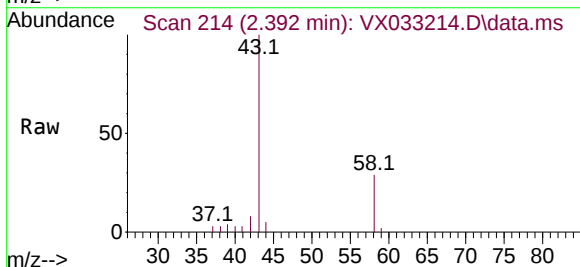
Acq: 03 Dec 2022 02:11

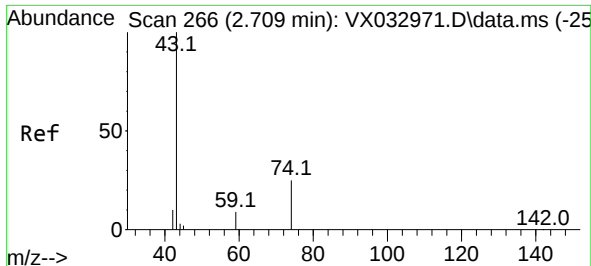
Tgt Ion: 43 Resp: 9763

Ion Ratio Lower Upper

43 100

58 28.5 23.8 35.8

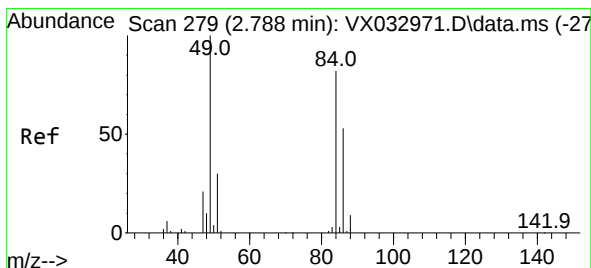
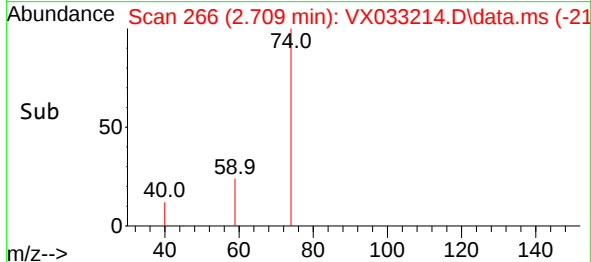
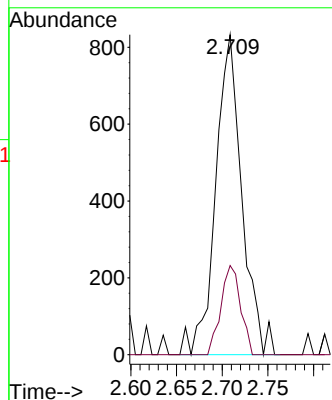
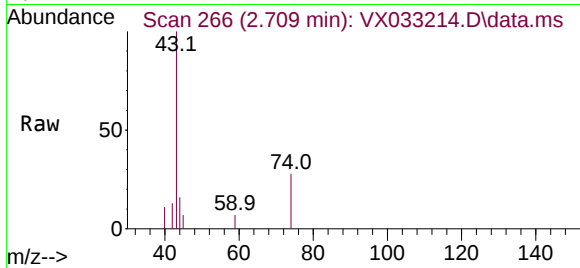




#18
Methyl Acetate
Concen: 1.301 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

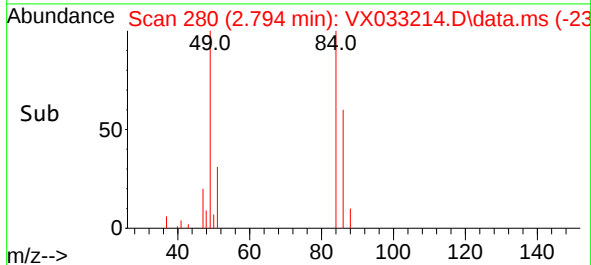
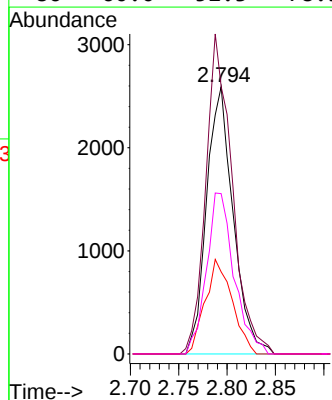
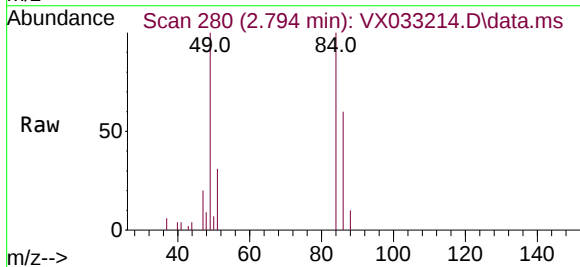
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#08

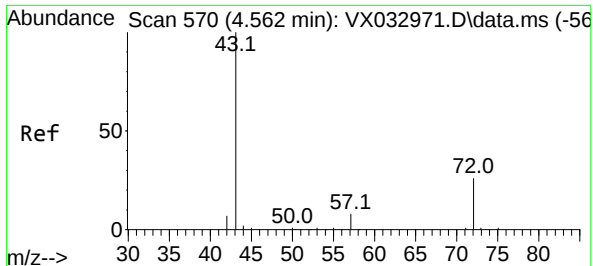
Tgt Ion: 43 Resp: 1666
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.0



#20
Methylene Chloride
Concen: 3.965 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

Tgt Ion: 84 Resp: 4967
Ion Ratio Lower Upper
84 100
49 100.1 101.0 151.6#
51 30.7 31.1 46.7#
86 60.0 52.3 78.5





#25

2-Butanone

Concen: 1.884 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX033214.D

Acq: 03 Dec 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

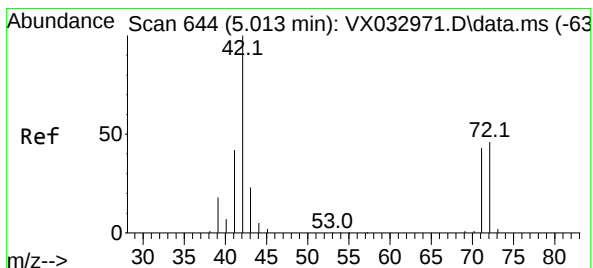
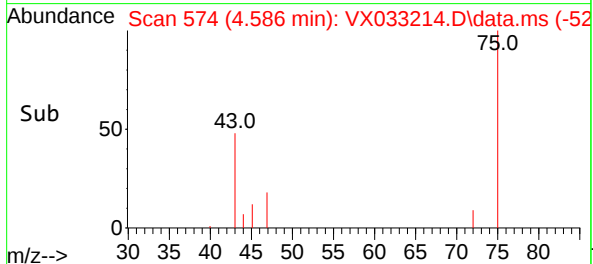
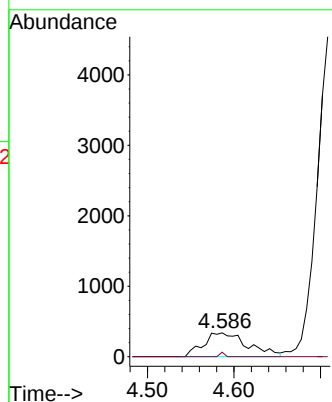
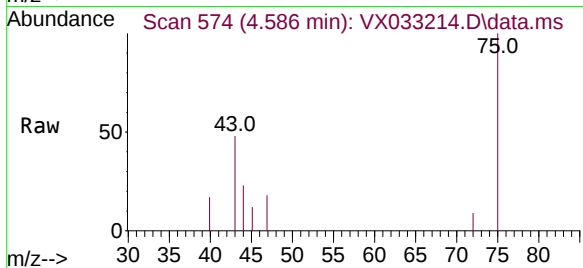
PB149377ZHE#08

Tgt Ion: 43 Resp: 1202

Ion Ratio Lower Upper

43 100

72 19.2 22.2 33.2#



#29

Tetrahydrofuran

Concen: 0.309 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.030 min

Lab File: VX033214.D

Acq: 03 Dec 2022 02:11

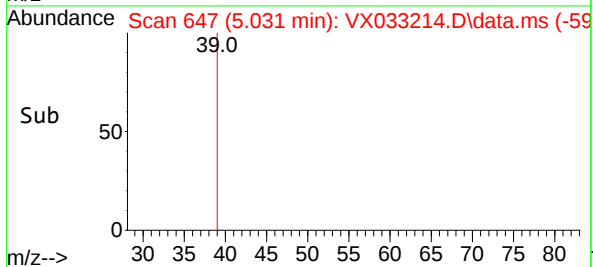
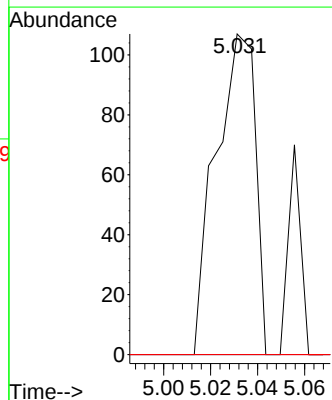
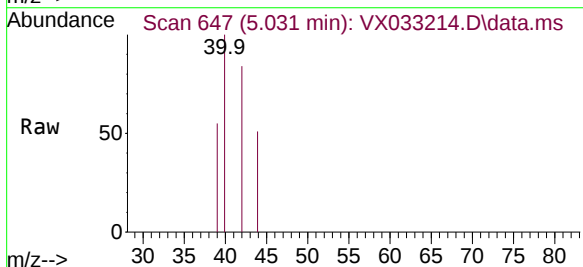
Tgt Ion: 42 Resp: 125

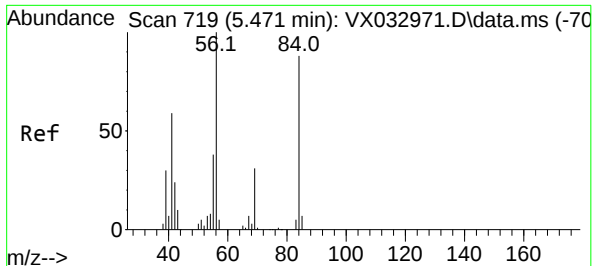
Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

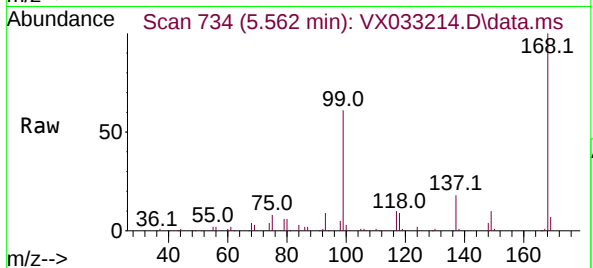
71 0.0 34.7 52.1#



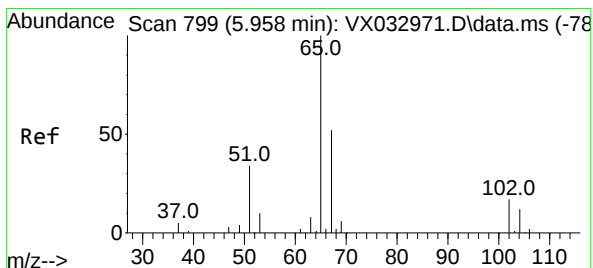
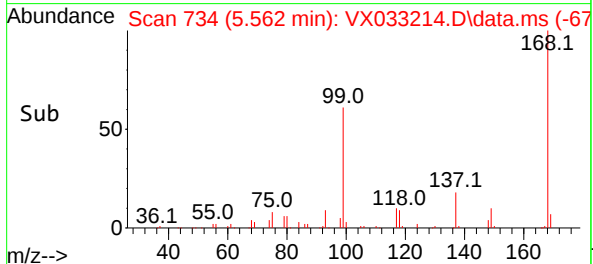
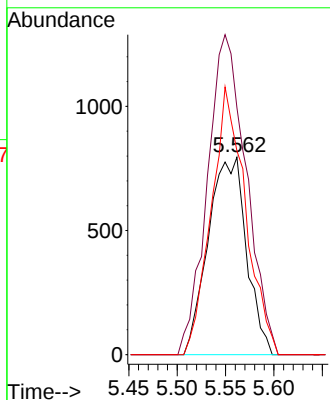


#31
Cyclohexane
Concen: 1.360 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#08

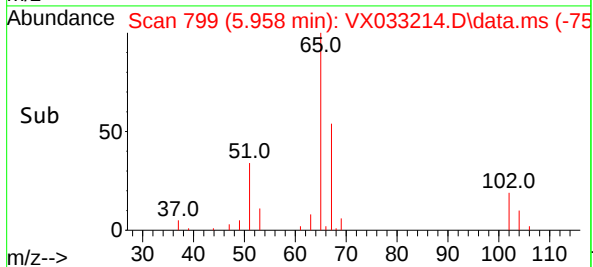
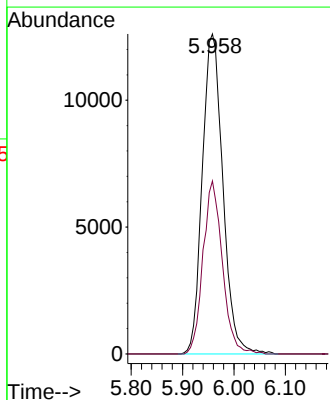
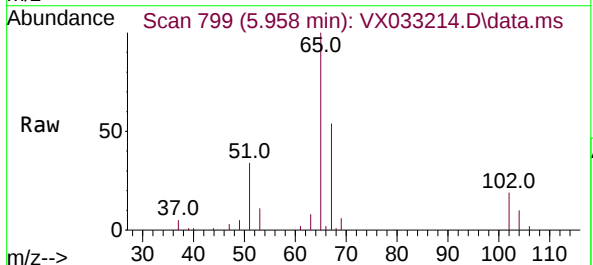


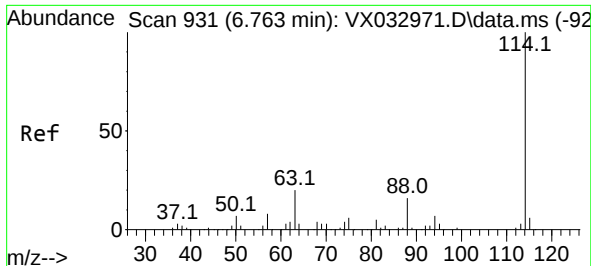
Tgt Ion: 56 Resp: 2183
Ion Ratio Lower Upper
56 100
69 125.2 24.1 36.1#
84 103.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 34.370 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

Tgt Ion: 65 Resp: 35138
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

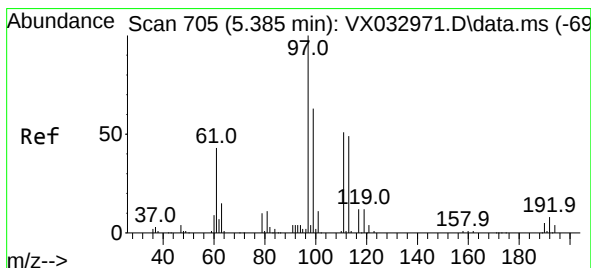
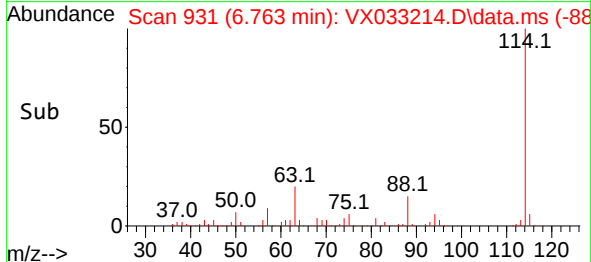
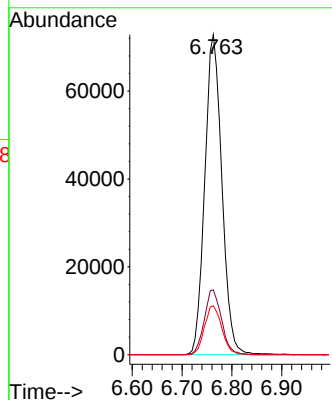
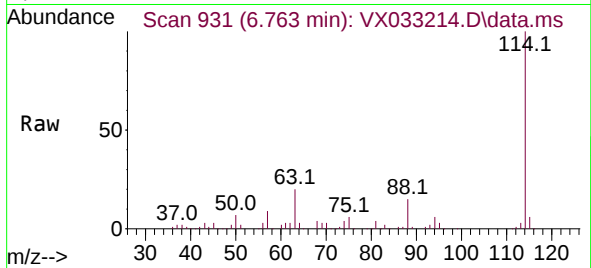




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

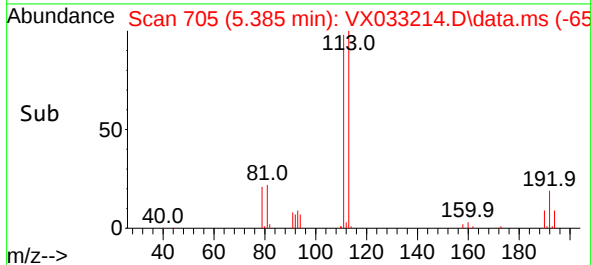
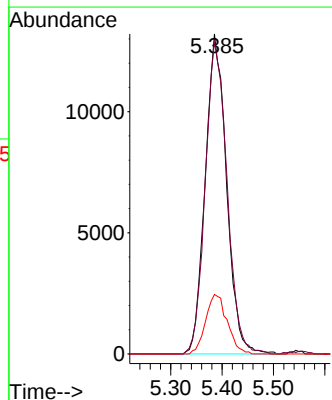
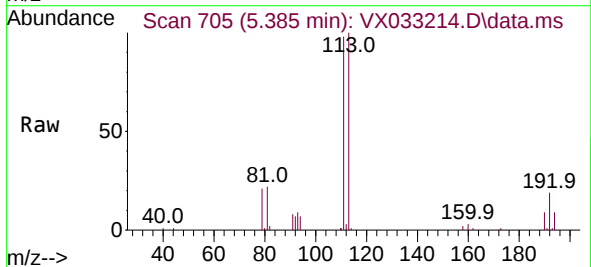
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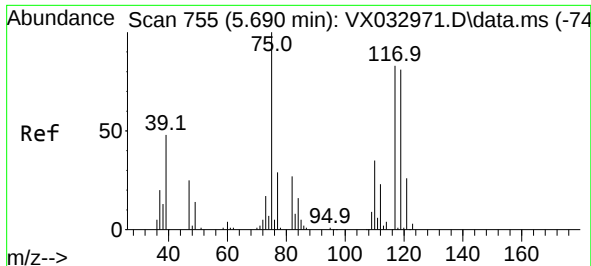
Tgt Ion:114 Resp: 173487
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 38.793 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

Tgt Ion:113 Resp: 37942
Ion Ratio Lower Upper
113 100
111 99.9 82.4 123.6
192 18.8 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.225 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033214.D

Acq: 03 Dec 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

PB149377ZHE#08

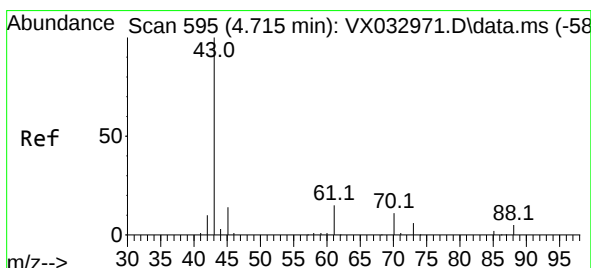
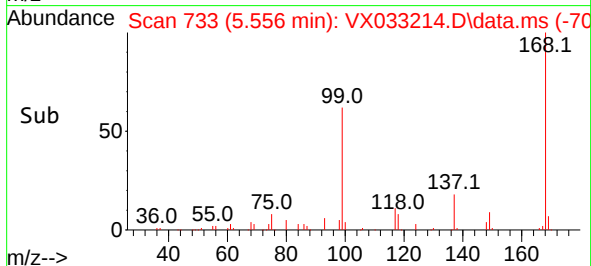
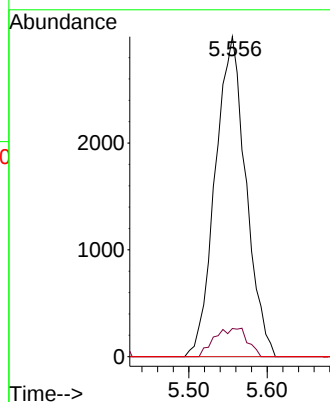
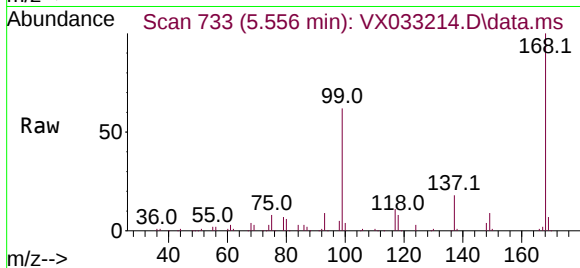
Tgt Ion: 75 Resp: 8171

Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.2#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: 11.695 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX033214.D

Acq: 03 Dec 2022 02:11

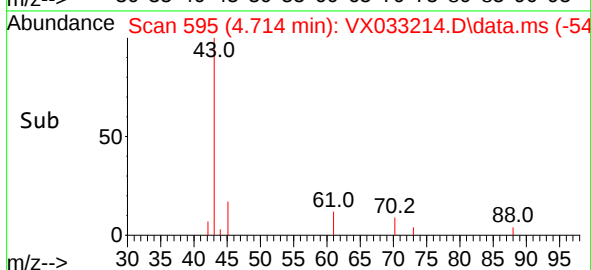
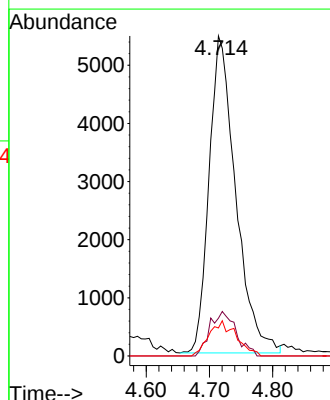
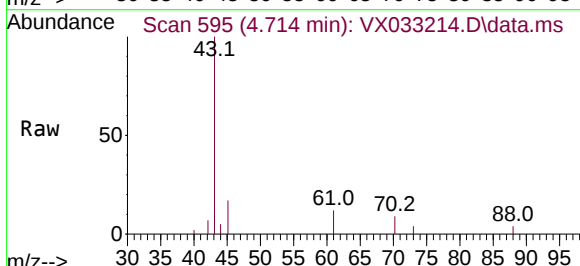
Tgt Ion: 43 Resp: 15957

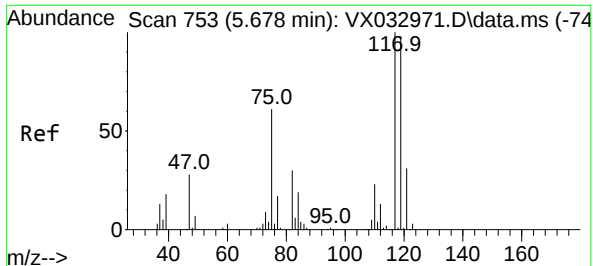
Ion Ratio Lower Upper

43 100

61 13.8 11.5 17.3

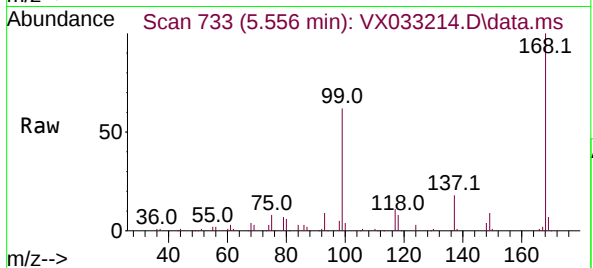
70 11.3 9.1 13.7



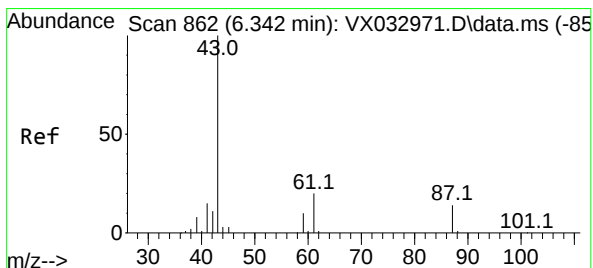
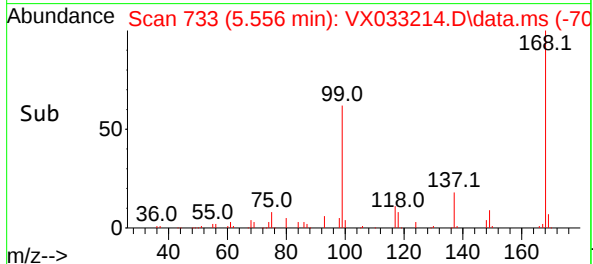
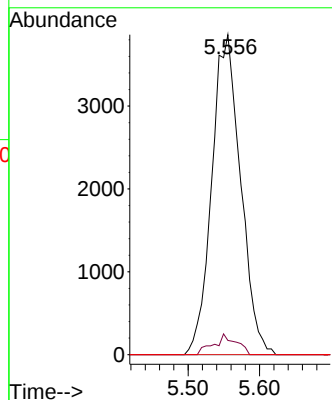


#38
Carbon Tetrachloride
Concen: 6.226 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#08

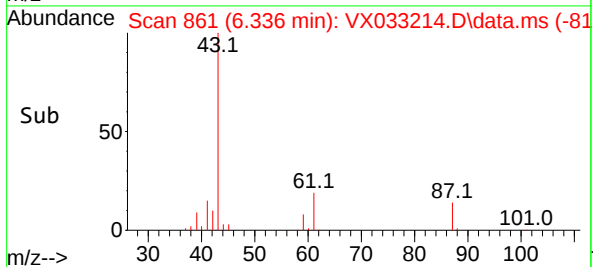
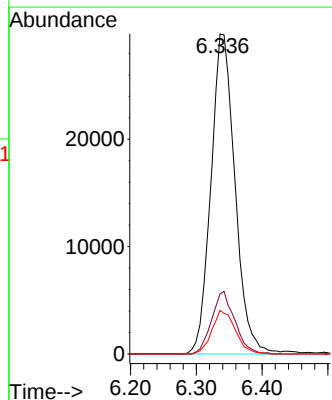
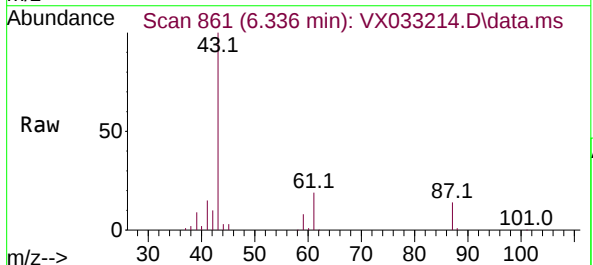


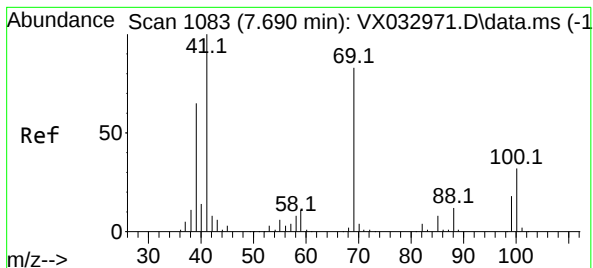
Tgt Ion:117 Resp: 10802
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 33.675 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

Tgt Ion: 43 Resp: 75985
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 13.2 10.8 16.2





#48

Methyl methacrylate

Concen: 63.692 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX033214.D

Acq: 03 Dec 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

PB149377ZHE#08

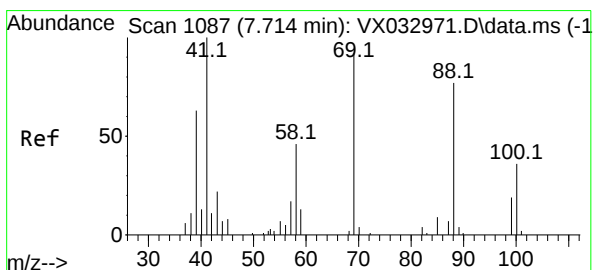
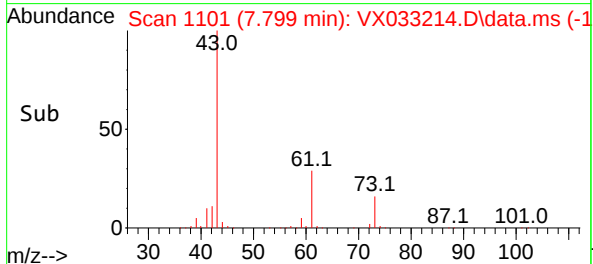
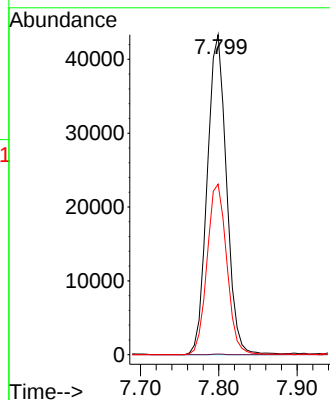
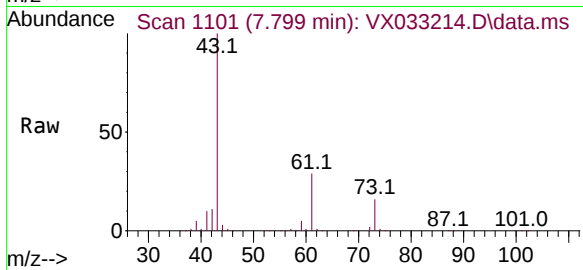
Tgt Ion: 41 Resp: 73976

Ion Ratio Lower Upper

41 100

69 0.1 65.1 97.7#

39 54.5 51.9 77.9



#49

1,4-Dioxane

Concen: 4.163 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.128 min

Lab File: VX033214.D

Acq: 03 Dec 2022 02:11

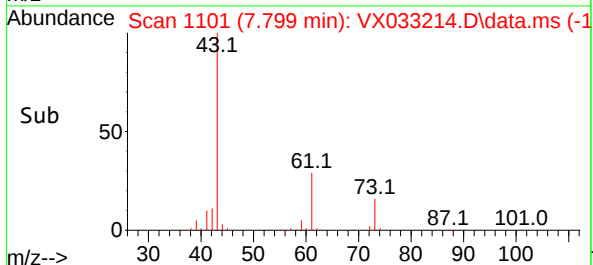
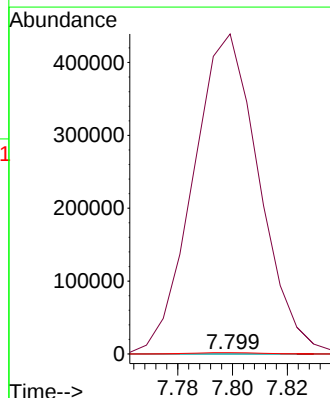
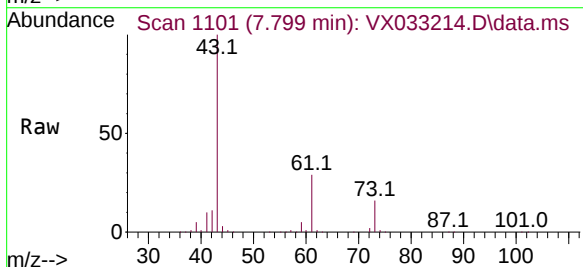
Tgt Ion: 88 Resp: 89

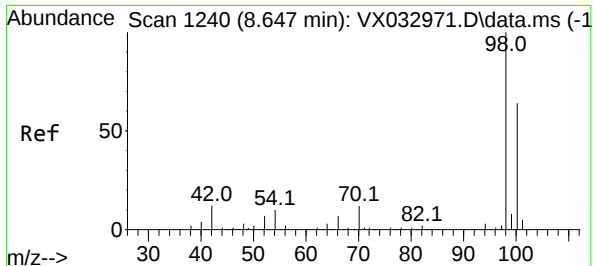
Ion Ratio Lower Upper

88 100

43 834193.3 26.6 39.8#

58 3588.8 51.7 77.5#

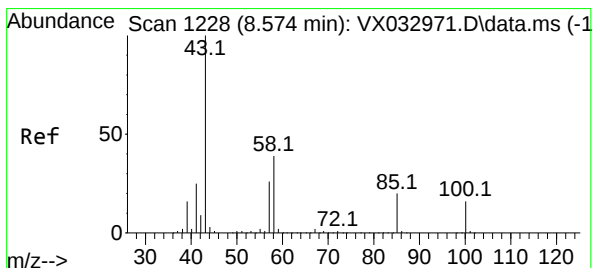
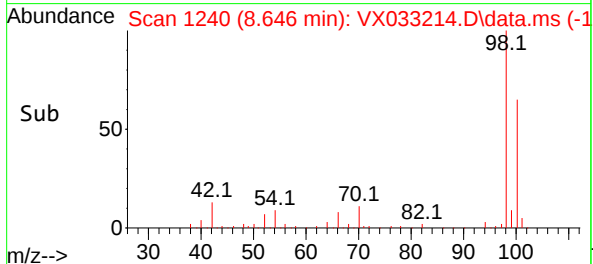
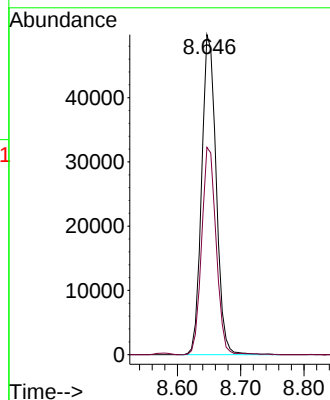
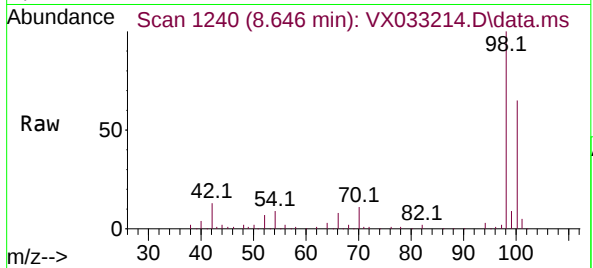




#50
Toluene-d8
Concen: 26.045 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

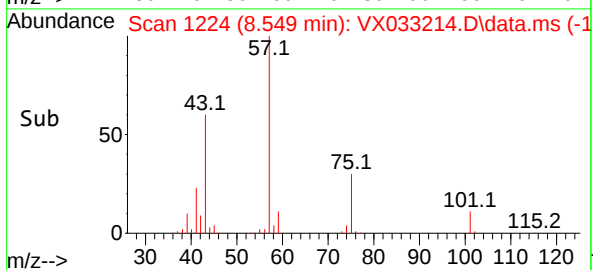
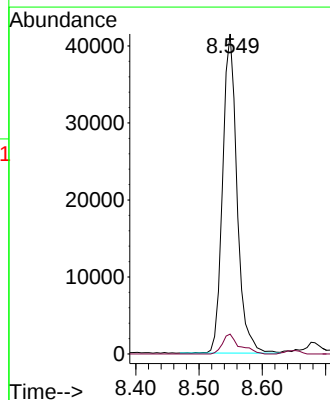
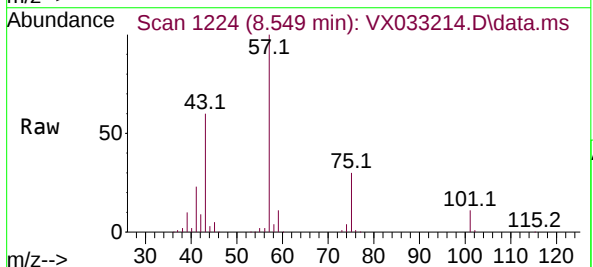
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#08

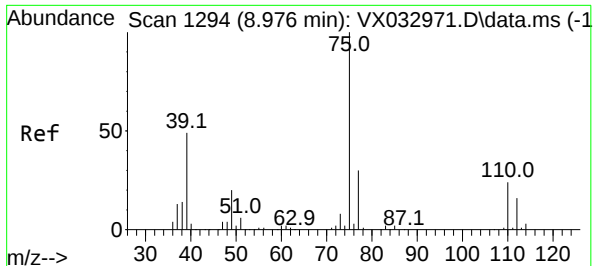
Tgt Ion: 98 Resp: 79686
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 46.998 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

Tgt Ion: 43 Resp: 65439
Ion Ratio Lower Upper
43 100
58 7.3 30.9 46.3#

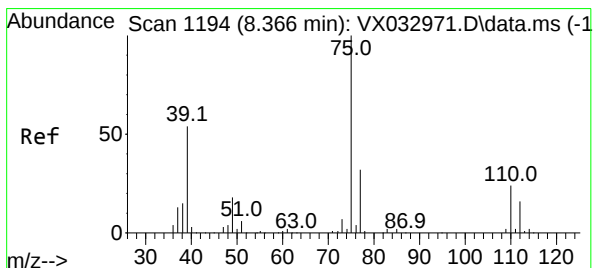
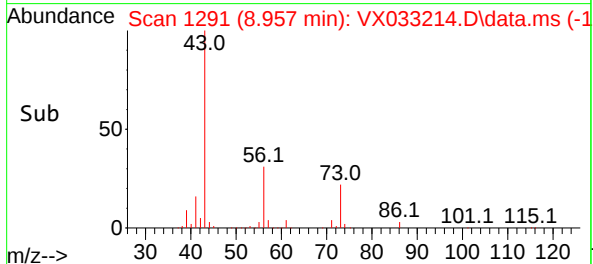
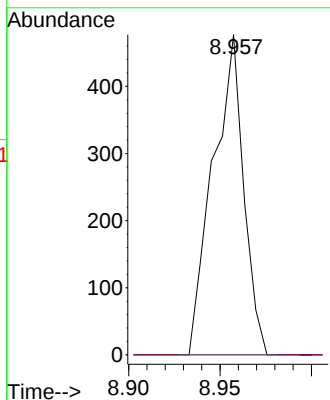
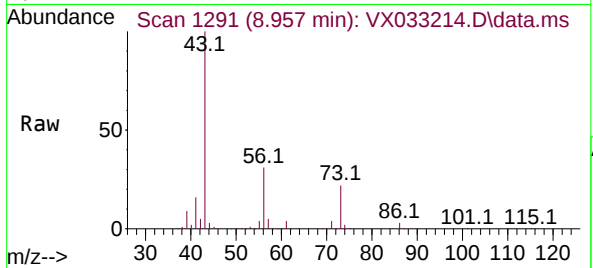




#53
 t-1,3-Dichloropropene
 Concen: 1.824 ug/l
 RT: 8.957 min Scan# 11
 Delta R.T. -0.025 min
 Lab File: VX033214.D
 Acq: 03 Dec 2022 02:11

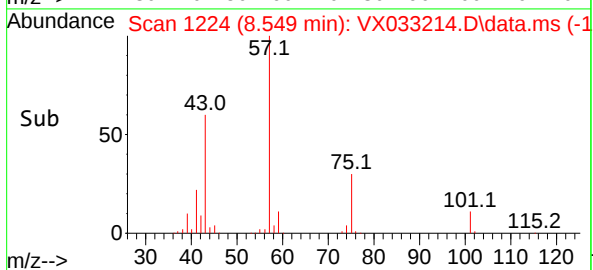
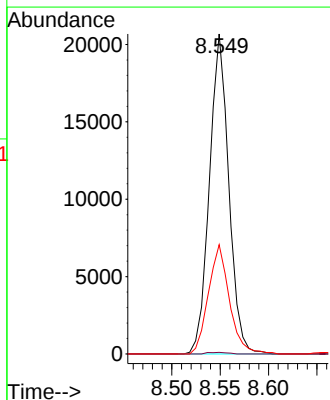
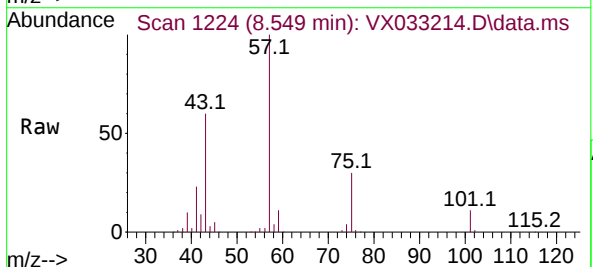
Instrument :
 MSVOA_X
 ClientSampleId :
 PB149377ZHE#08

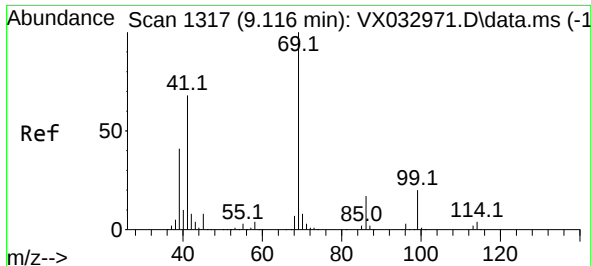
Tgt Ion: 75 Resp: 555
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#



#54
 cis-1,3-Dichloropropene
 Concen: 16.344 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX033214.D
 Acq: 03 Dec 2022 02:11

Tgt Ion: 75 Resp: 28787
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.1 37.7#
 39 34.2 45.5 68.3#

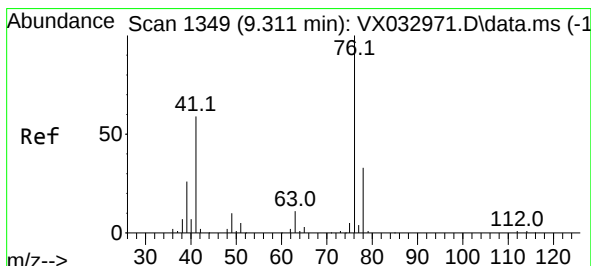
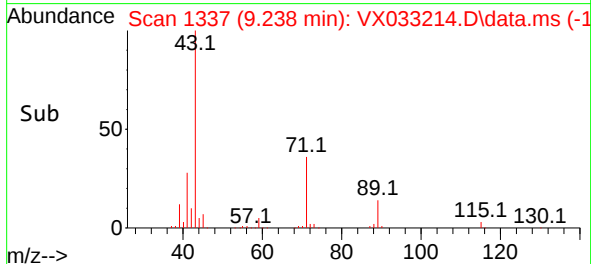
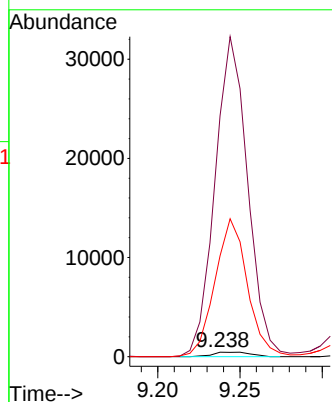
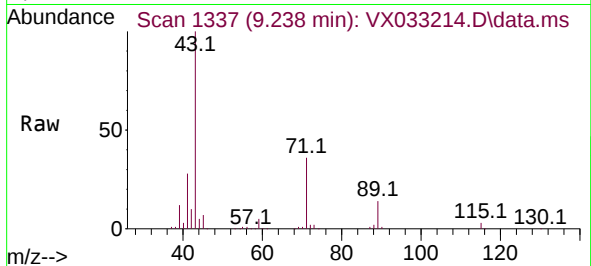




#56
Ethyl methacrylate
Concen: 0.448 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.122 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

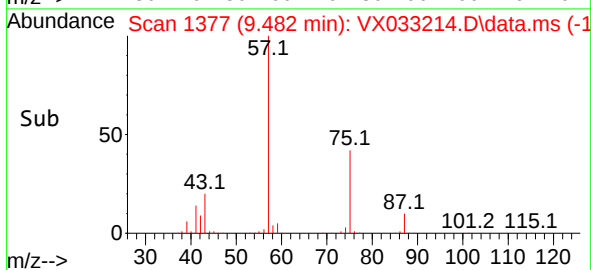
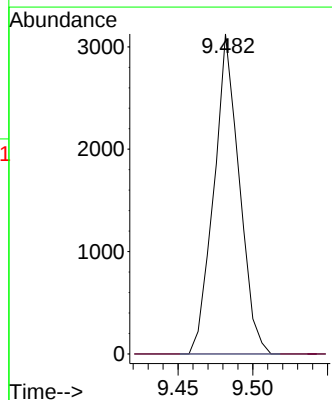
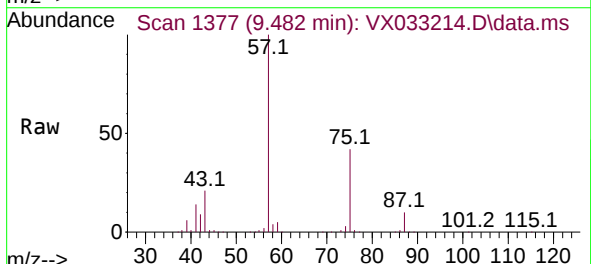
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#08

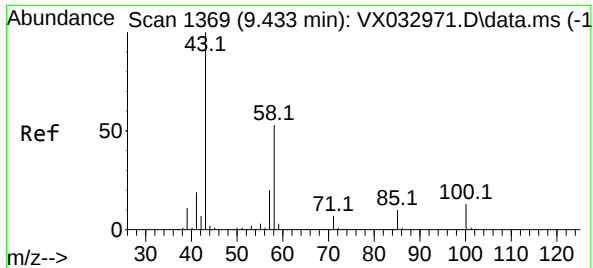
Tgt Ion: 69 Resp: 725
Ion Ratio Lower Upper
69 100
41 6160.6 54.3 81.5#
39 2636.0 35.2 52.8#



#57
1,3-Dichloropropane
Concen: 1.941 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

Tgt Ion: 76 Resp: 3680
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#

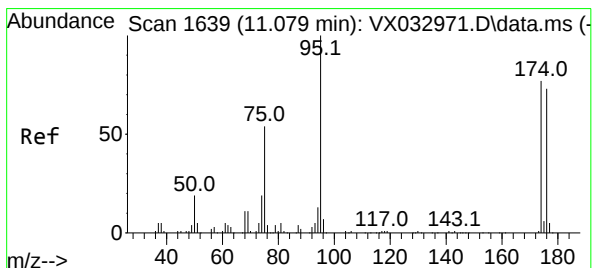
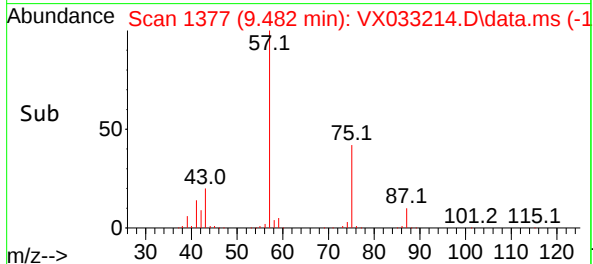
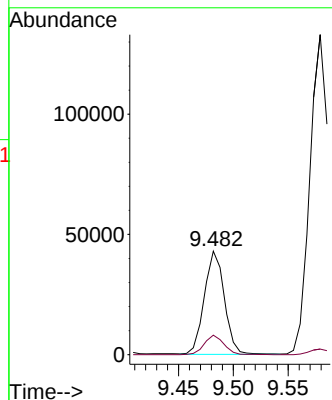
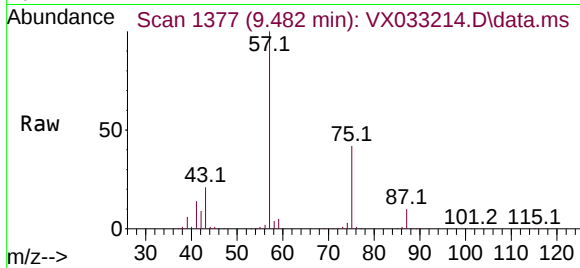




#59
2-Hexanone
Concen: 53.162 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

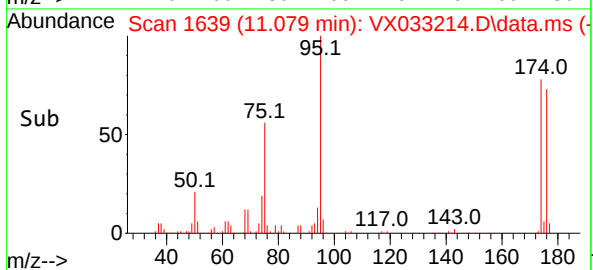
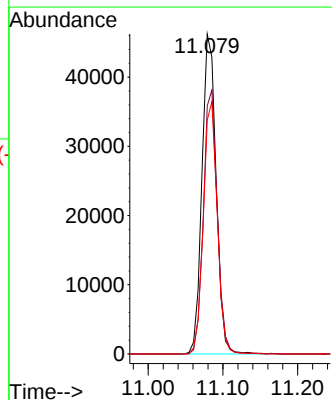
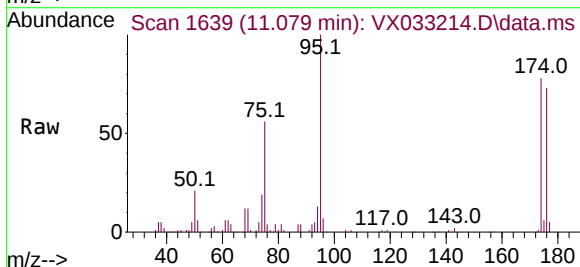
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#08

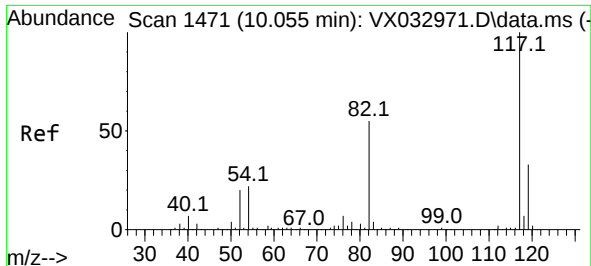
Tgt Ion: 43 Resp: 54680
Ion Ratio Lower Upper
43 100
58 18.6 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 47.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

Tgt Ion: 95 Resp: 60826
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.0
176 77.3 0.0 154.4

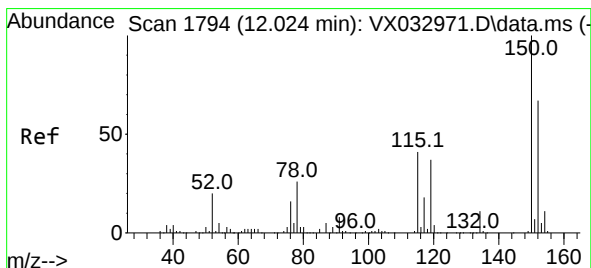
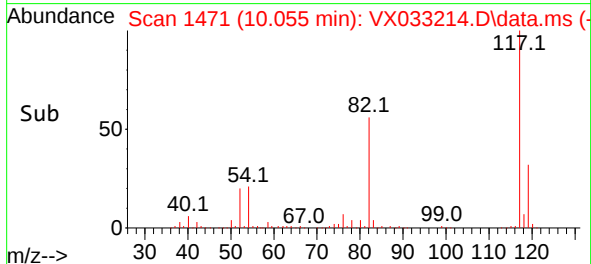
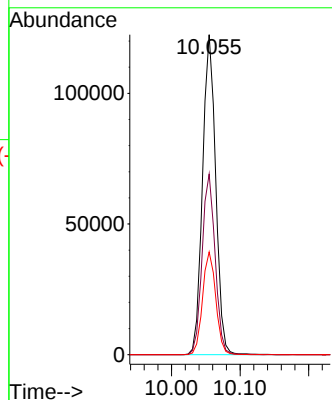
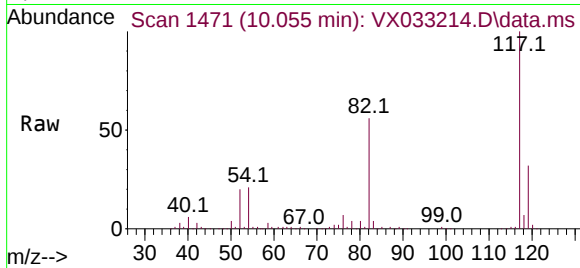




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

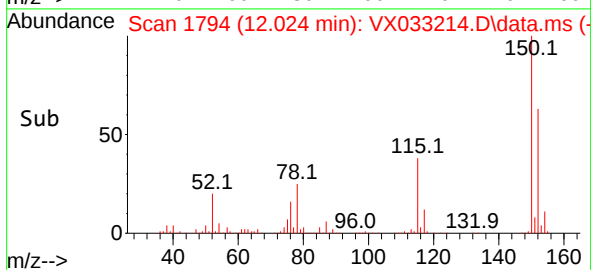
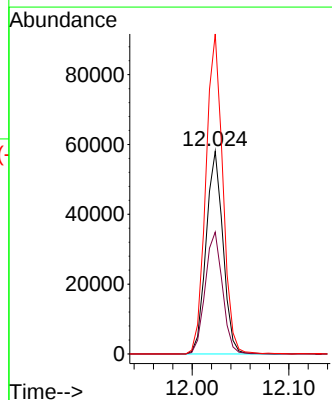
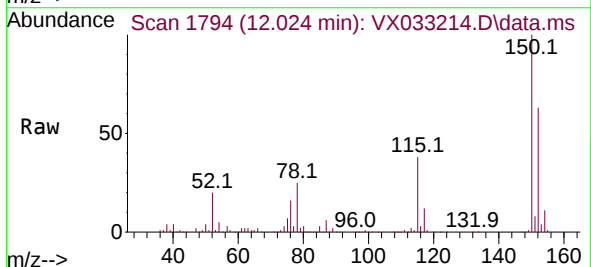
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#08

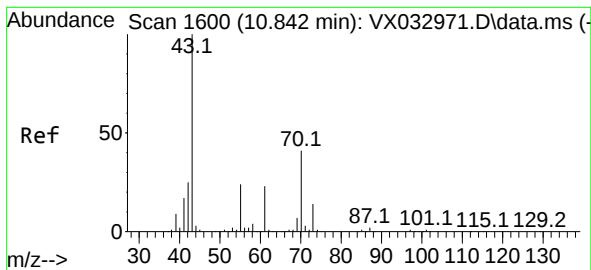
Tgt Ion:117 Resp: 163796
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

Tgt Ion:152 Resp: 70654
Ion Ratio Lower Upper
152 100
115 61.3 44.0 132.0
150 158.5 0.0 351.8

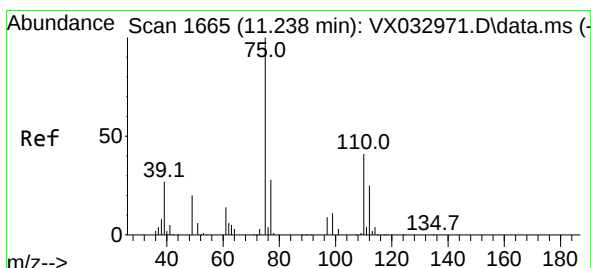
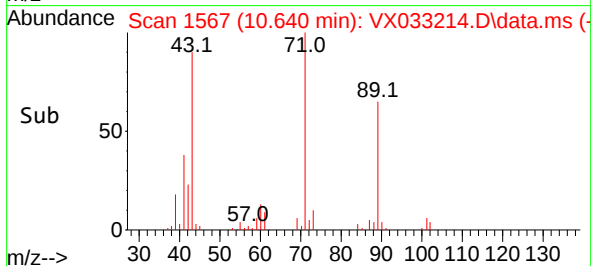
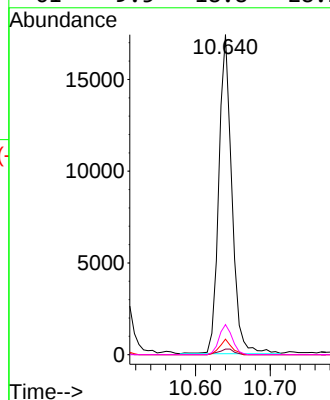
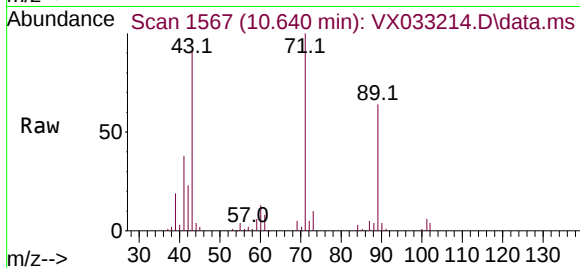




#74
N-amy1 acetate
Concen: 12.282 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

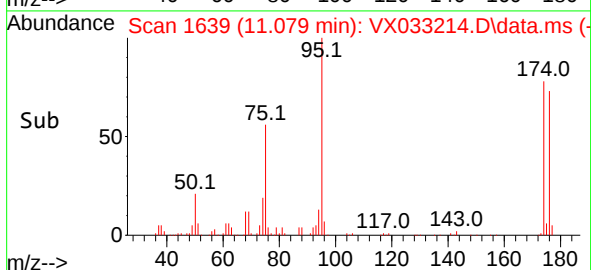
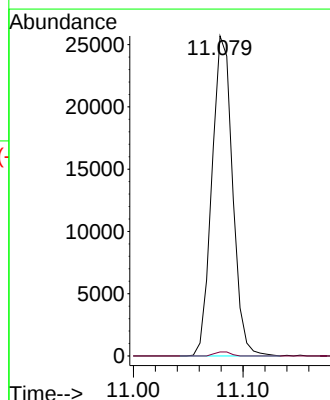
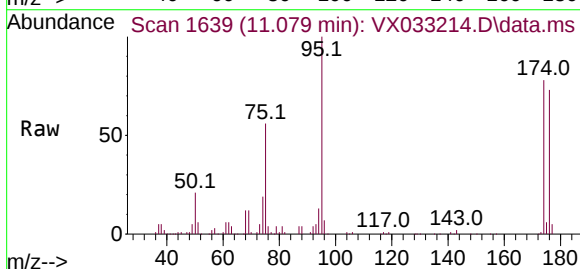
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#08

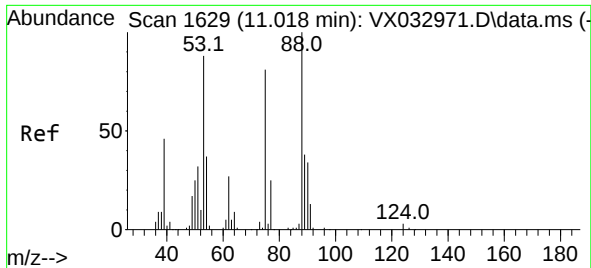
Tgt Ion:	43	Resp:	21095
Ion	Ratio	Lower	Upper
43	100		
70	2.1	33.6	50.4#
55	4.4	19.4	29.2#
61	9.5	18.8	28.2#



#76
1,2,3-Trichloropropane
Concen: 25.170 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033214.D
Acq: 03 Dec 2022 02:11

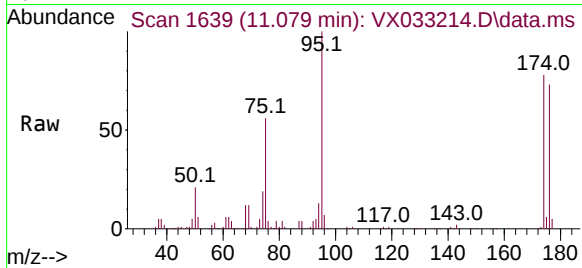
Tgt Ion:	75	Resp:	33679
Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.0	60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.813 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX033214.D
 Acq: 03 Dec 2022 02:11

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149377ZHE#08



Tgt Ion: 75 Resp: 33679
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

