

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033211.D
 Acq On : 03 Dec 2022 01:01
 Operator : JC/MD
 Sample : PB149377ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149377ZHE#05

Quant Time: Dec 05 01:12:35 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)

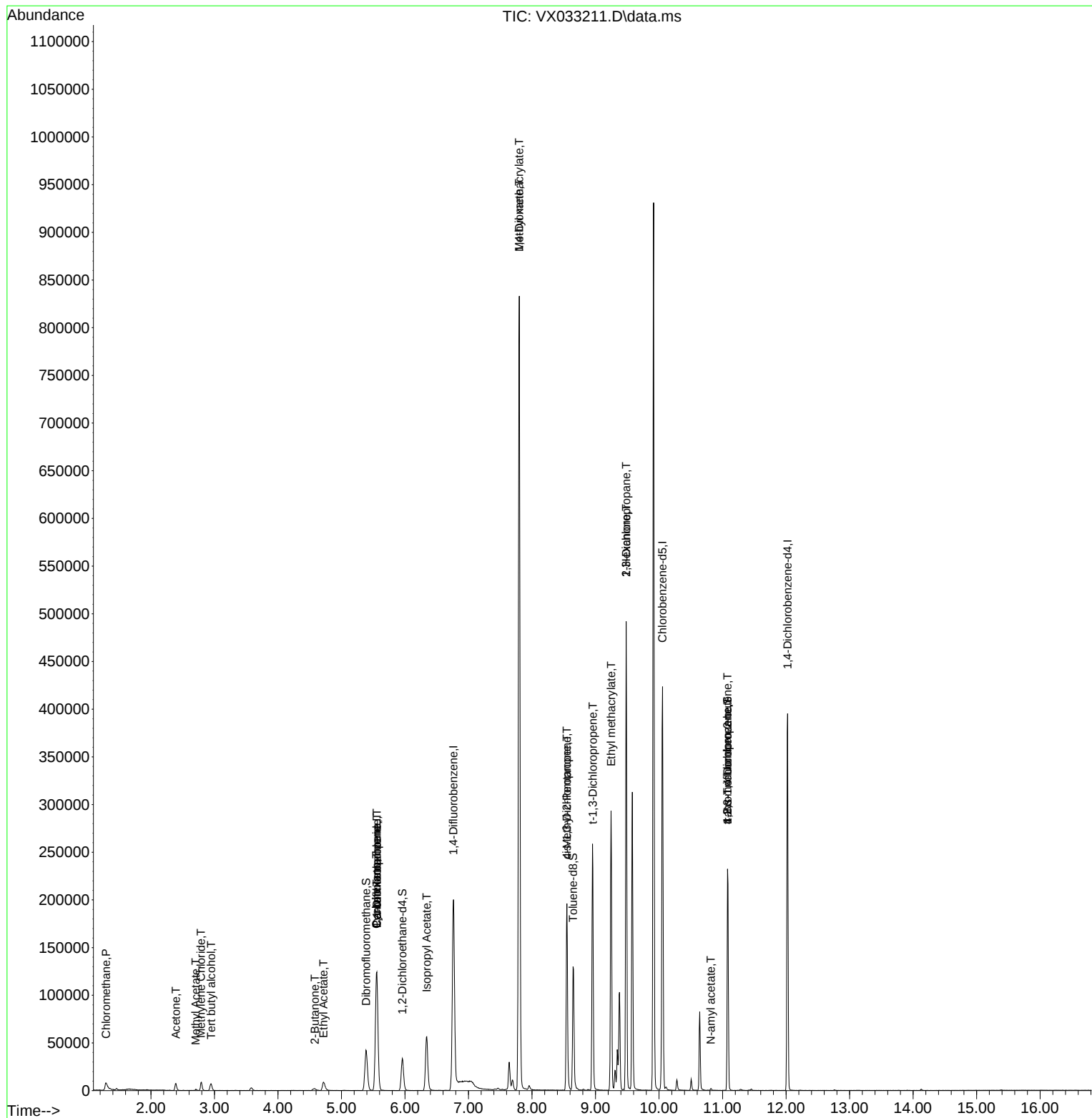
Internal Standards						
1) Pentafluorobenzene	5.556	168	117157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34011	28.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	56.700%#		
35) Dibromofluoromethane	5.385	113	36925	33.090	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	66.180%#		
50) Toluene-d8	8.647	98	78510	22.182	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	44.360%#		
62) 4-Bromofluorobenzene	11.079	95	60856	41.515	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.040%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	330	0.342	ug/l #	43
11) Tert butyl alcohol	2.946	59	4277	23.648	ug/l #	72
16) Acetone	2.392	43	9550	17.923	ug/l	98
18) Methyl Acetate	2.703	43	1636	1.109	ug/l #	81
20) Methylene Chloride	2.788	84	4291	2.641	ug/l #	83
25) 2-Butanone	4.580	43	1131	1.539	ug/l #	88
31) Cyclohexane	5.550	56	2386	1.291	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	9401	5.269	ug/l #	49
37) Ethyl Acetate	4.714	43	16546	10.629	ug/l	97
38) Carbon Tetrachloride	5.556	117	12455	6.292	ug/l #	15
43) Isopropyl Acetate	6.342	43	77521	30.111	ug/l	99
48) Methyl methacrylate	7.799	41	75137	56.699	ug/l #	43
49) 1,4-Dioxane	7.799	88	34	1.394	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	66188	41.664	ug/l #	49
53) t-1,3-Dichloropropene	8.958	75	511	1.765	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	29086	14.474	ug/l #	61
56) Ethyl methacrylate	9.244	69	687	0.372	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3906	1.806	ug/l #	42
59) 2-Hexanone	9.482	43	55471	47.268	ug/l #	52
74) N-amyl acetate	10.817	43	649	0.329	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	32073	20.873	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32073	67.847	ug/l #	6

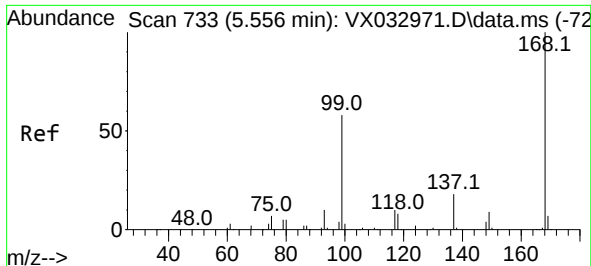
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
Data File : VX033211.D
Acq On : 03 Dec 2022 01:01
Operator : JC/MD
Sample : PB149377ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#05

Quant Time: Dec 05 01:12:35 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

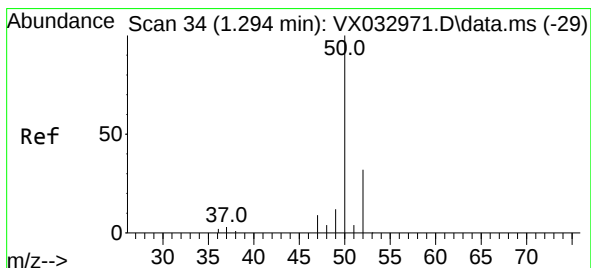
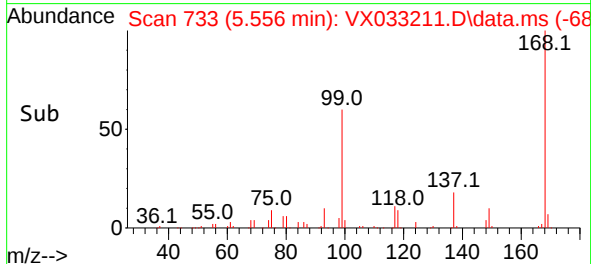
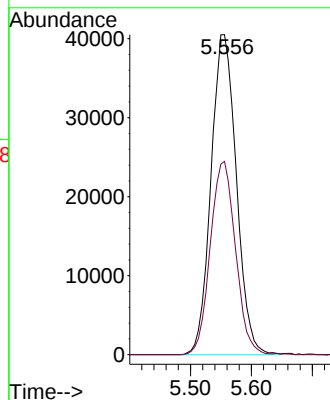
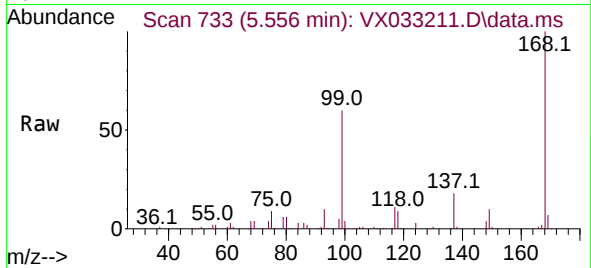




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

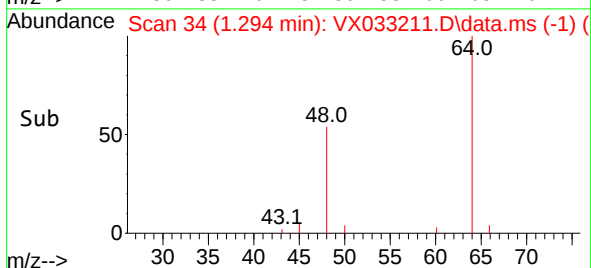
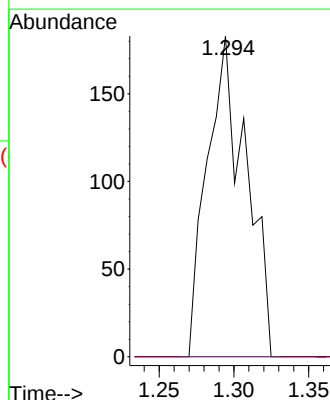
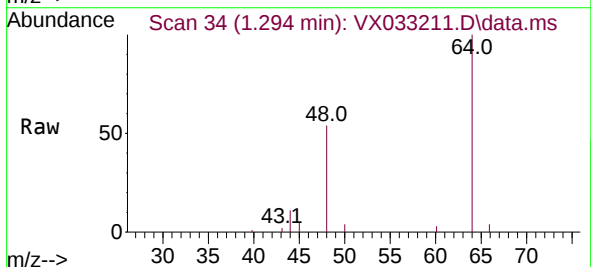
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#05

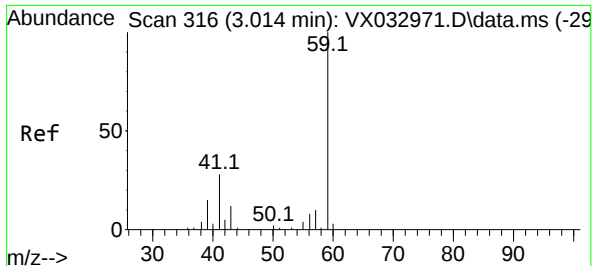
Tgt Ion:168 Resp: 117157
Ion Ratio Lower Upper
168 100
99 60.4 46.1 69.1



#3
Chloromethane
Concen: 0.342 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Tgt Ion: 50 Resp: 330
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 23.648 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.019 min

Lab File: VX033211.D

Acq: 03 Dec 2022 01:01

Instrument :

MSVOA_X

ClientSampleId :

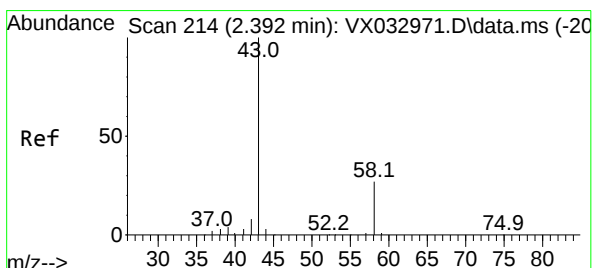
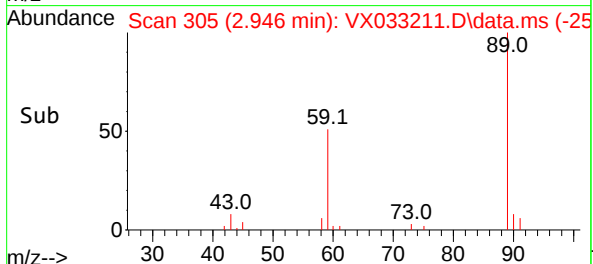
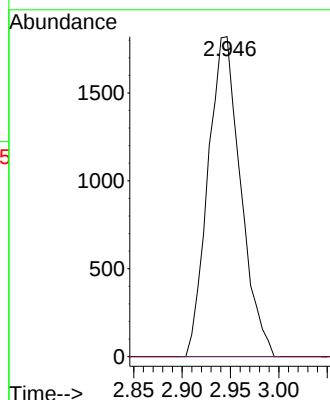
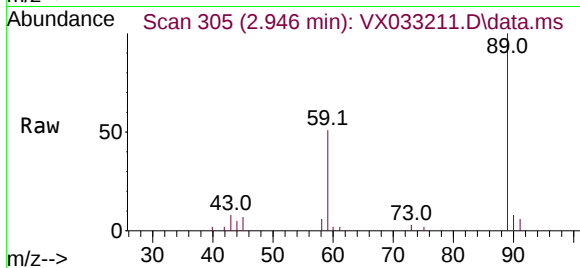
PB149377ZHE#05

Tgt Ion: 59 Resp: 4277

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 17.923 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033211.D

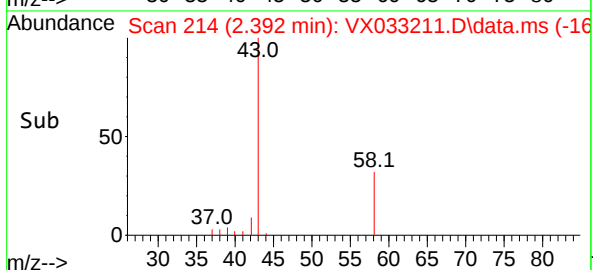
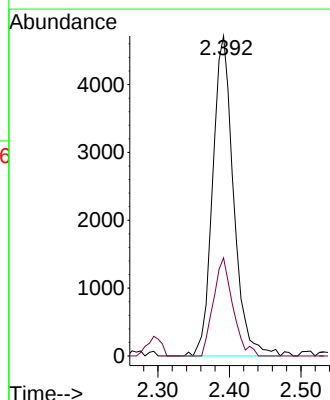
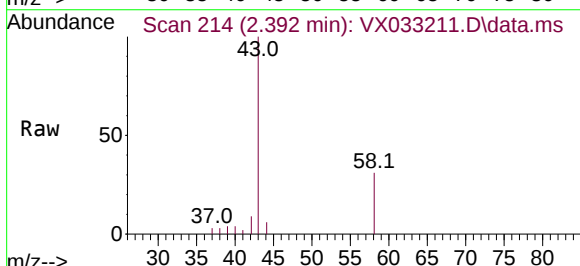
Acq: 03 Dec 2022 01:01

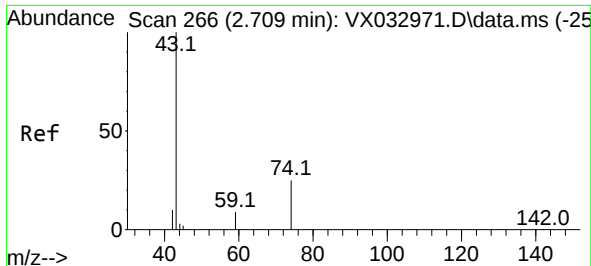
Tgt Ion: 43 Resp: 9550

Ion Ratio Lower Upper

43 100

58 30.7 23.8 35.8

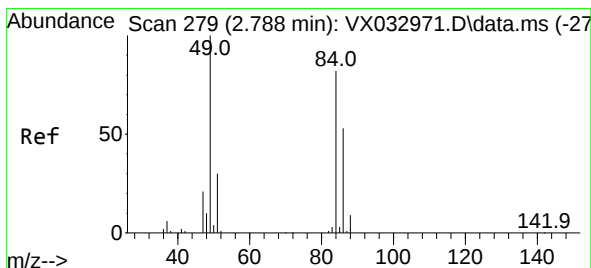
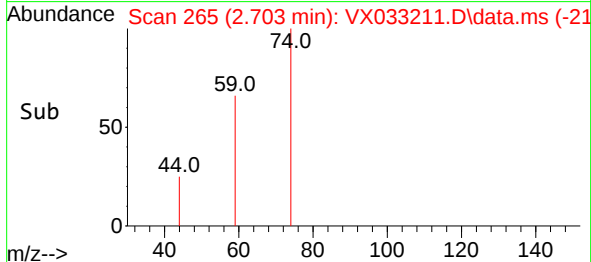
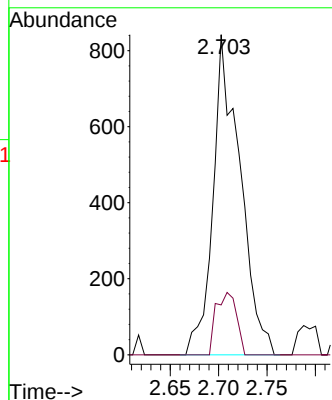
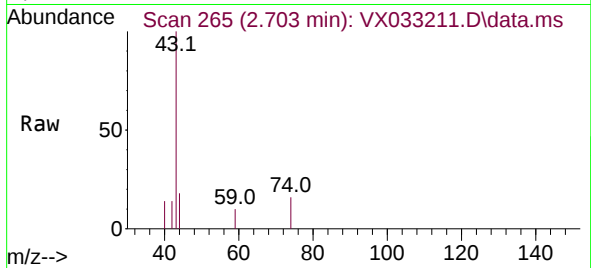




#18
Methyl Acetate
Concen: 1.109 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

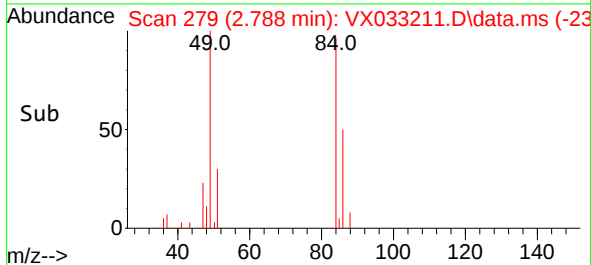
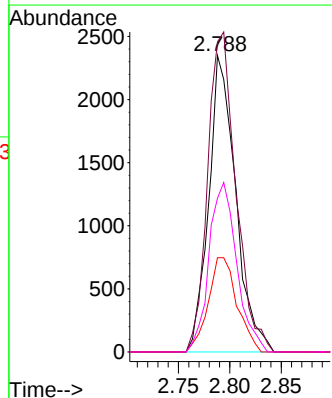
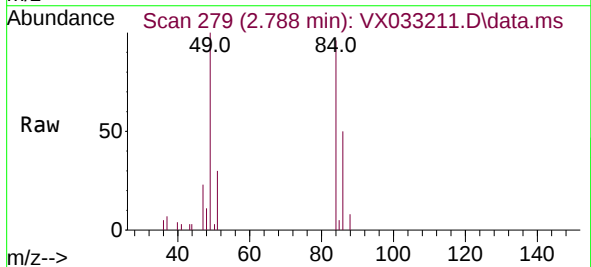
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#05

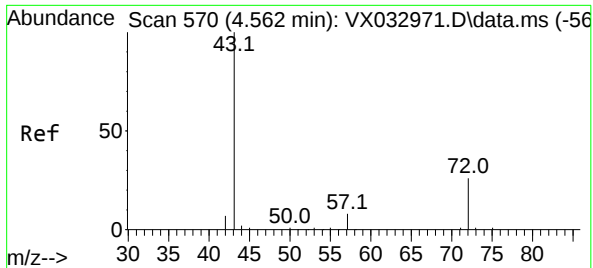
Tgt Ion: 43 Resp: 1636
Ion Ratio Lower Upper
43 100
74 14.7 19.4 29.0#



#20
Methylene Chloride
Concen: 2.641 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Tgt Ion: 84 Resp: 4291
Ion Ratio Lower Upper
84 100
49 104.6 101.0 151.6
51 31.8 31.1 46.7
86 51.9 52.3 78.5#

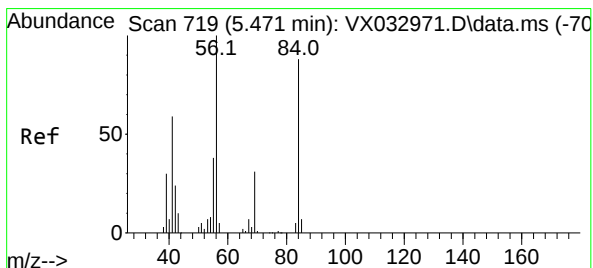
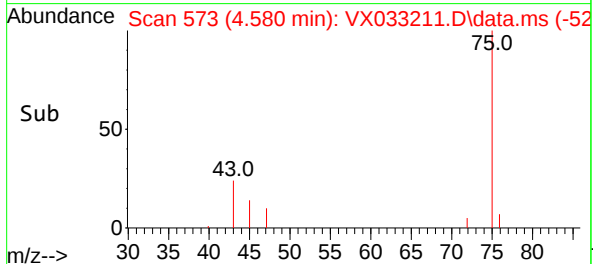
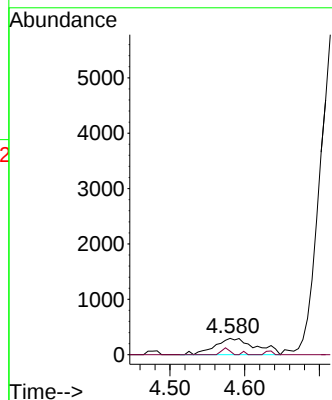
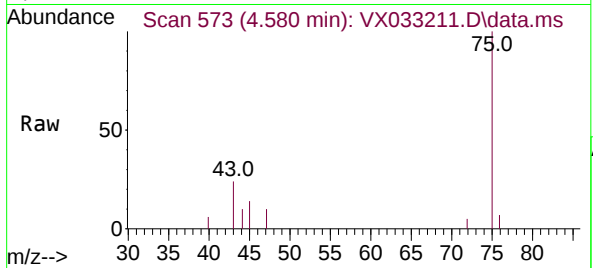




#25
2-Butanone
Concen: 1.539 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

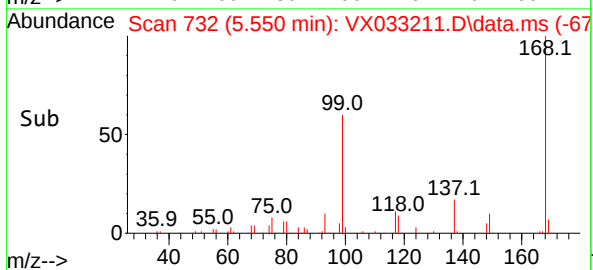
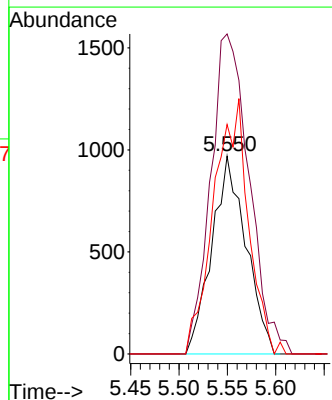
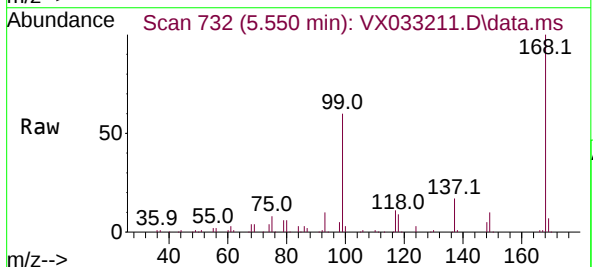
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#05

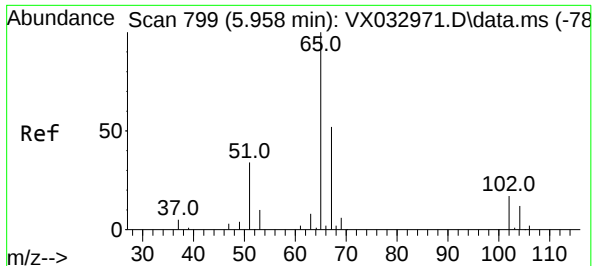
Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
72 21.3 22.2 33.2#



#31
Cyclohexane
Concen: 1.291 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Tgt Ion: 56 Resp: 2386
Ion Ratio Lower Upper
56 100
69 161.8 24.1 36.1#
84 122.7 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 28.353 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033211.D

Acq: 03 Dec 2022 01:01

Instrument :

MSVOA_X

ClientSampleId :

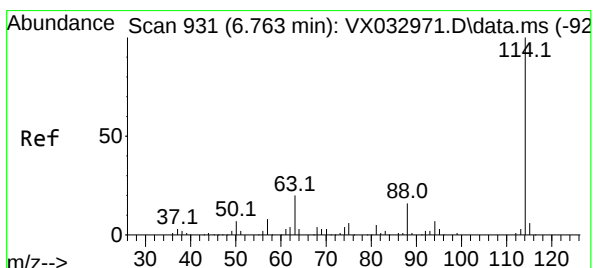
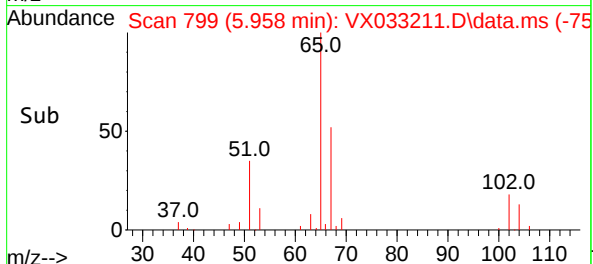
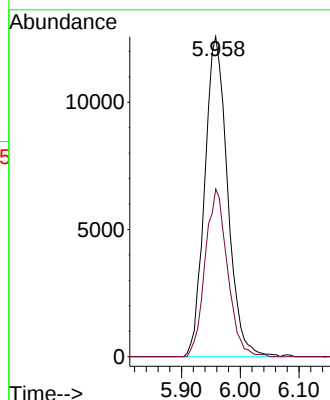
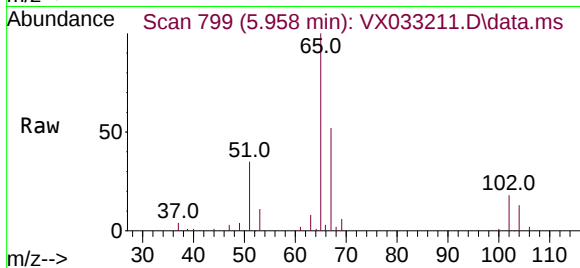
PB149377ZHE#05

Tgt Ion: 65 Resp: 34011

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033211.D

Acq: 03 Dec 2022 01:01

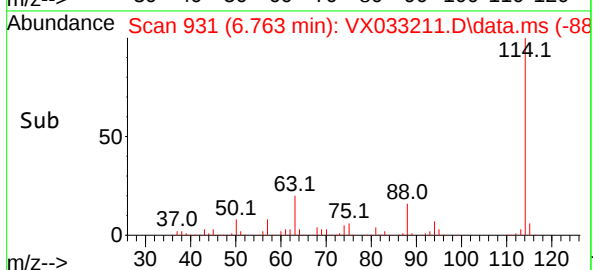
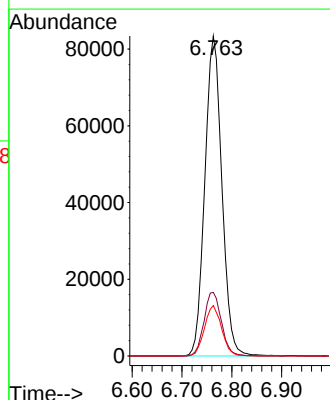
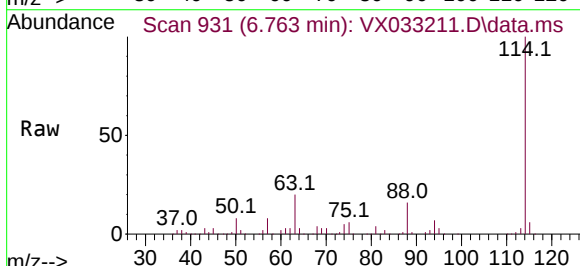
Tgt Ion: 114 Resp: 197940

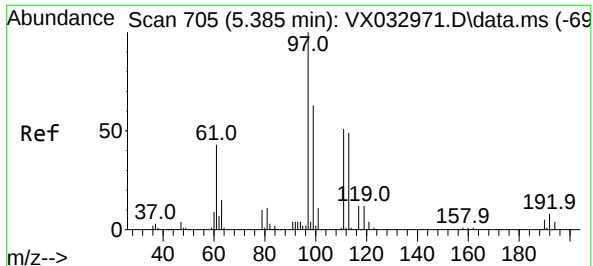
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 15.8 0.0 33.4

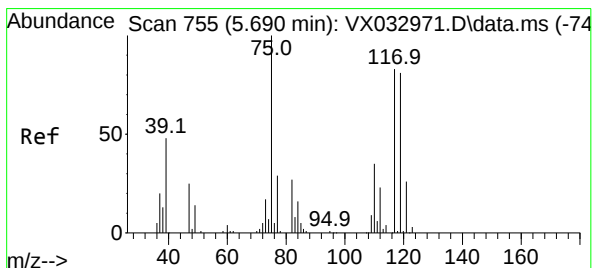
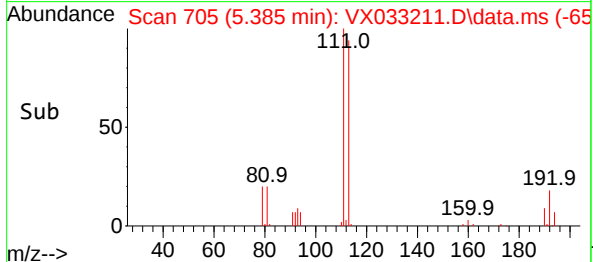
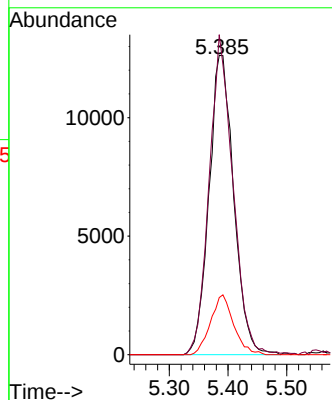
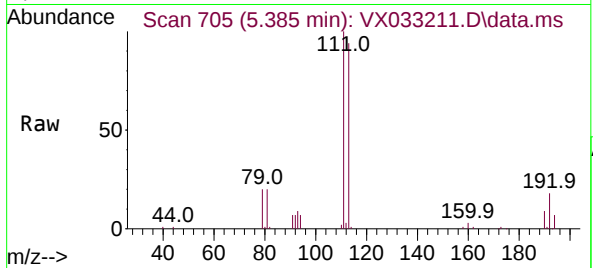




#35
Dibromofluoromethane
Concen: 33.090 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

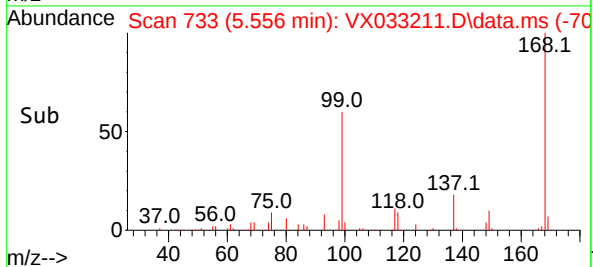
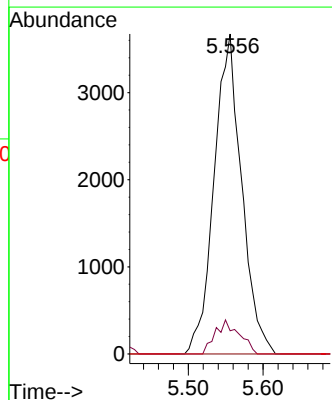
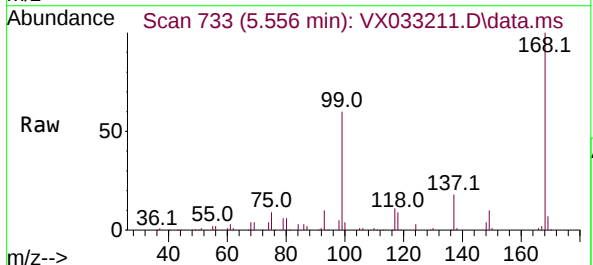
Instrument :
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PB149377ZHE#05

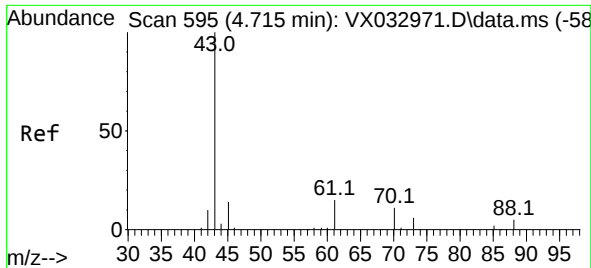
Tgt Ion:113 Resp: 36925
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 18.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.269 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Tgt Ion: 75 Resp: 9401
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 10.629 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX033211.D

Acq: 03 Dec 2022 01:01

Instrument :

MSVOA_X

ClientSampleId :

PB149377ZHE#05

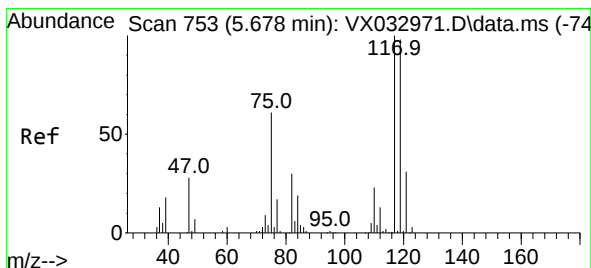
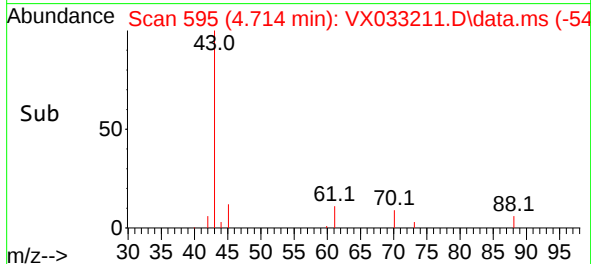
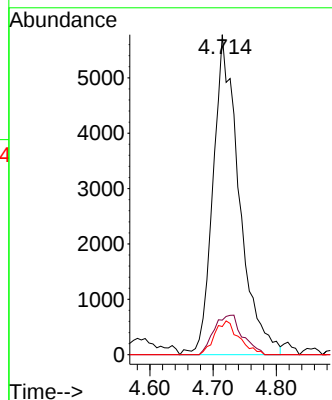
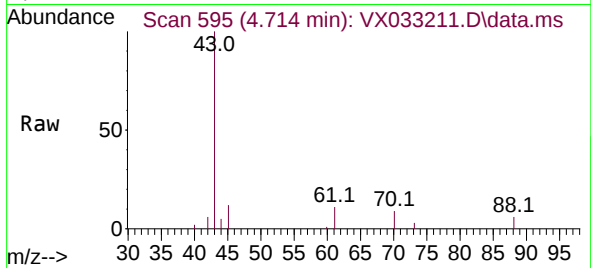
Tgt Ion: 43 Resp: 16546

Ion Ratio Lower Upper

43 100

61 13.5 11.5 17.3

70 9.9 9.1 13.7



#38

Carbon Tetrachloride

Concen: 6.292 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX033211.D

Acq: 03 Dec 2022 01:01

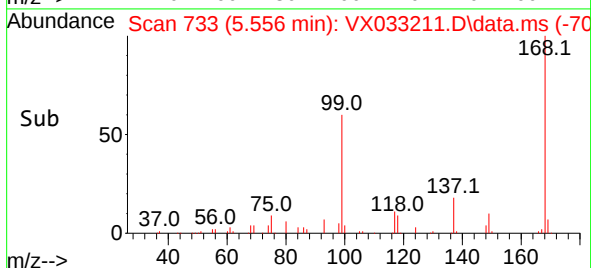
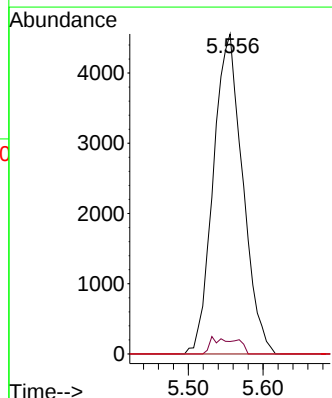
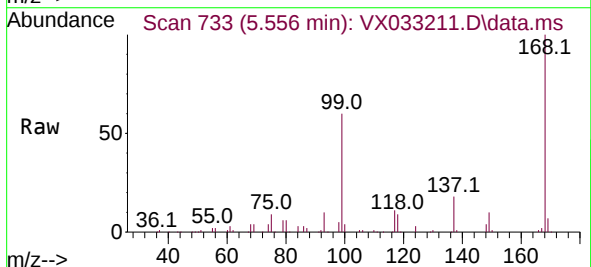
Tgt Ion: 117 Resp: 12455

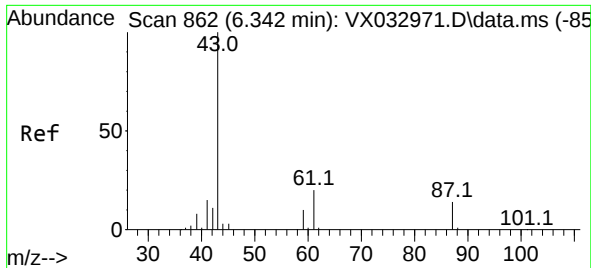
Ion Ratio Lower Upper

117 100

119 3.9 77.2 115.8#

121 0.0 25.8 38.6#

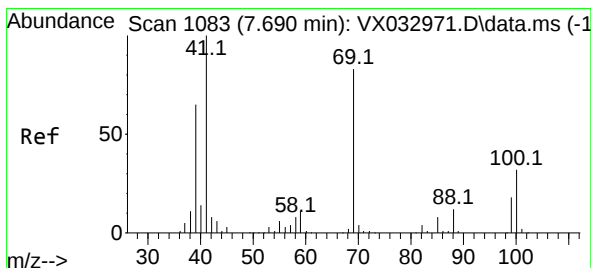
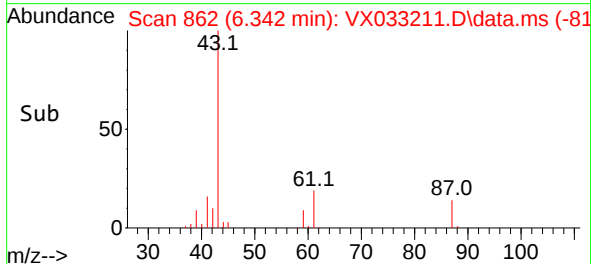
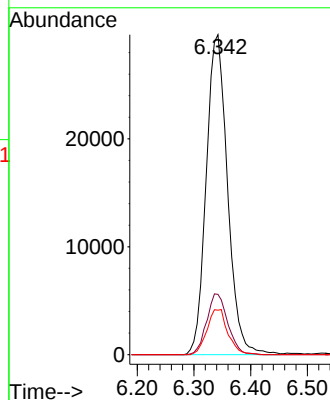
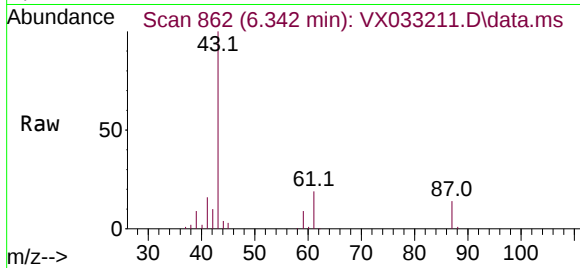




#43
Isopropyl Acetate
Concen: 30.111 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

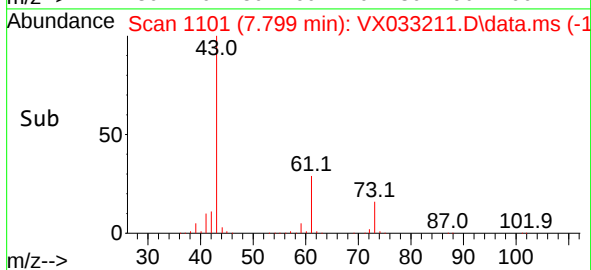
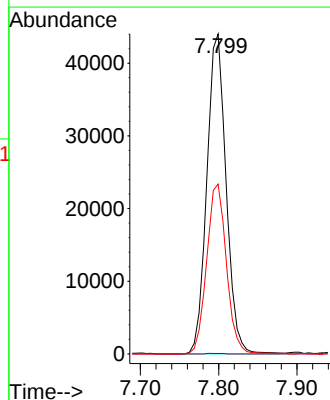
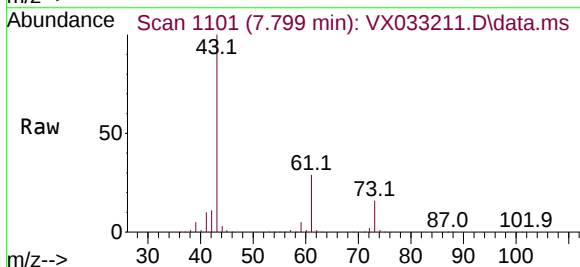
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#05

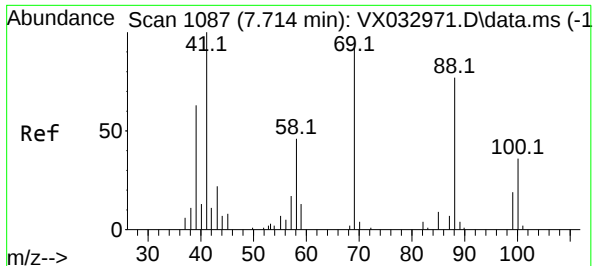
Tgt Ion: 43 Resp: 77521
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 13.8 10.8 16.2



#48
Methyl methacrylate
Concen: 56.699 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Tgt Ion: 41 Resp: 75137
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: 1.394 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.128 min

Lab File: VX033211.D

Acq: 03 Dec 2022 01:01

Instrument :

MSVOA_X

ClientSampleId :

PB149377ZHE#05

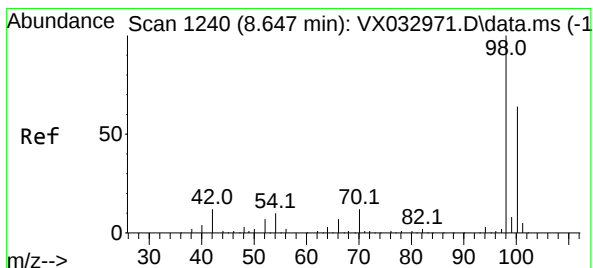
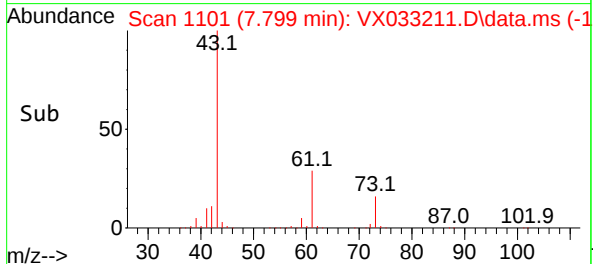
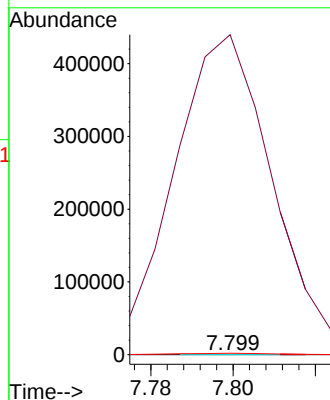
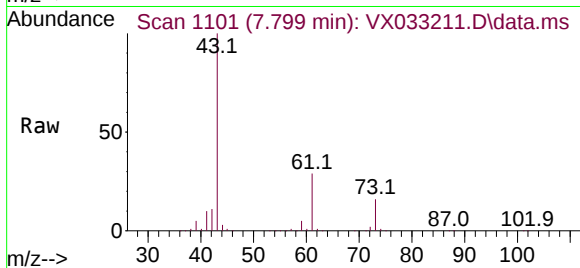
Tgt Ion: 88 Resp: 34

Ion Ratio Lower Upper

88 100

43 2196258.8 26.6 39.8#

58 9814.7 51.7 77.5#



#50

Toluene-d8

Concen: 22.182 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033211.D

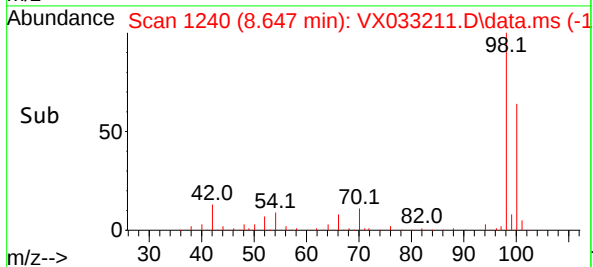
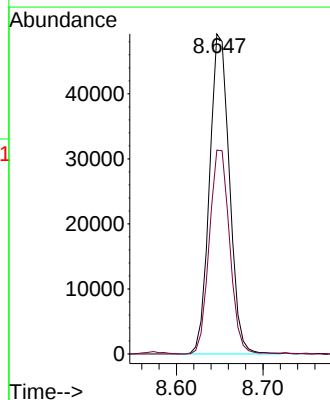
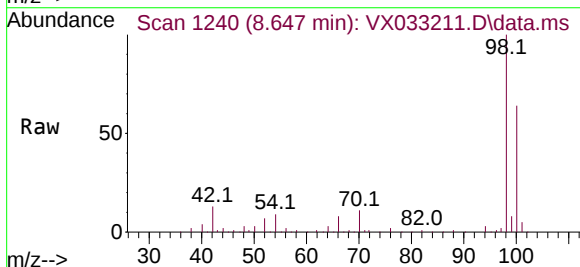
Acq: 03 Dec 2022 01:01

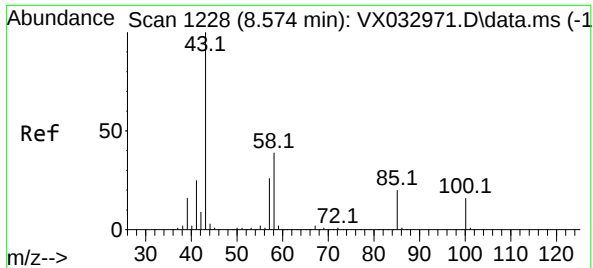
Tgt Ion: 98 Resp: 78510

Ion Ratio Lower Upper

98 100

100 65.1 50.9 76.3

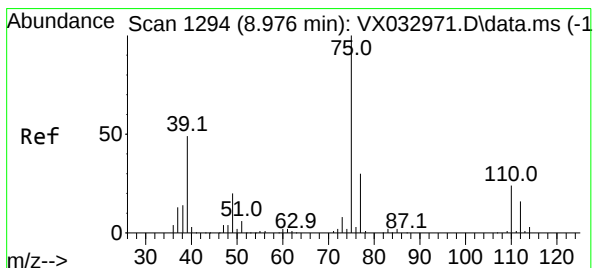
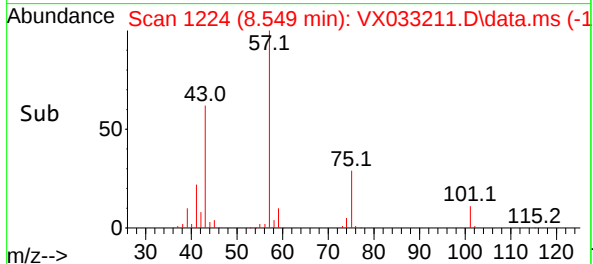
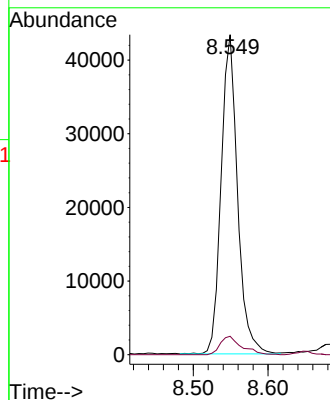
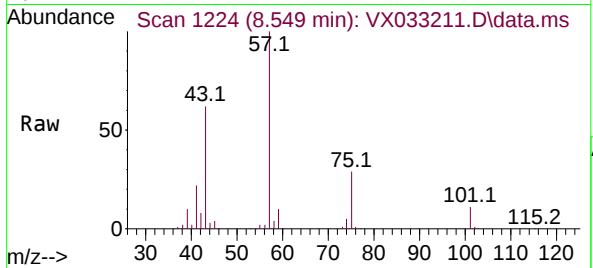




#51
4-Methyl-2-Pentanone
Concen: 41.664 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

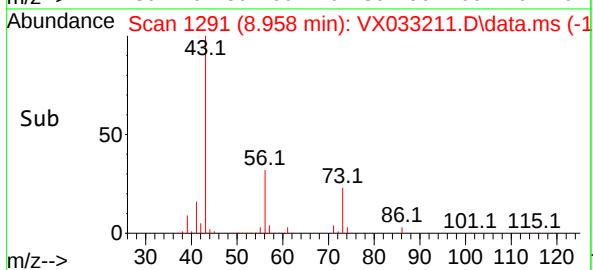
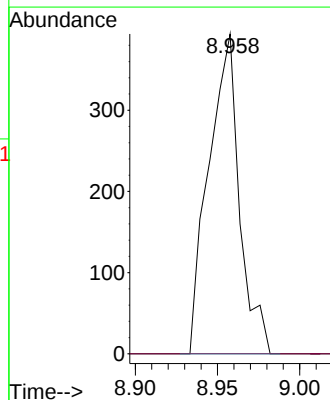
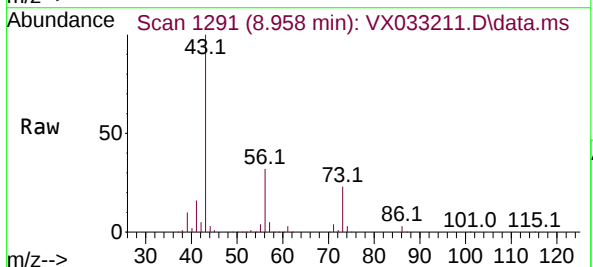
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#05

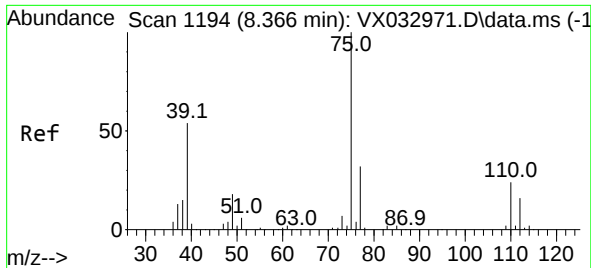
Tgt Ion: 43 Resp: 66188
Ion Ratio Lower Upper
43 100
58 7.5 30.9 46.3#



#53
t-1,3-Dichloropropene
Concen: 1.765 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Tgt Ion: 75 Resp: 511
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#

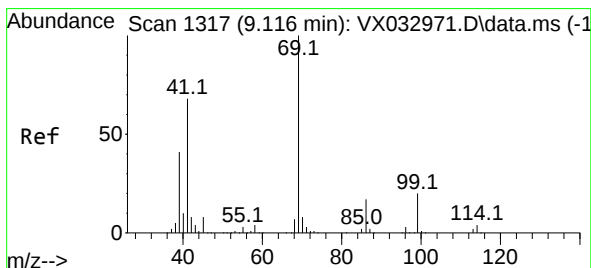
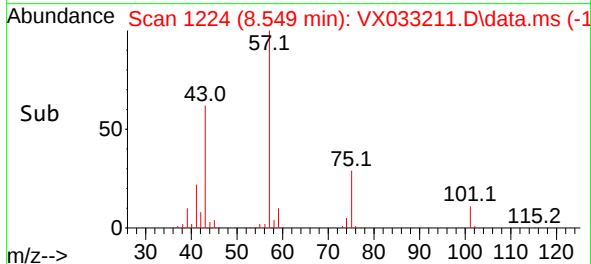
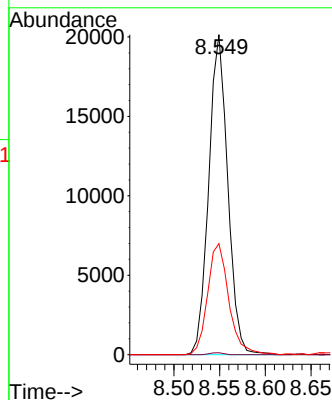
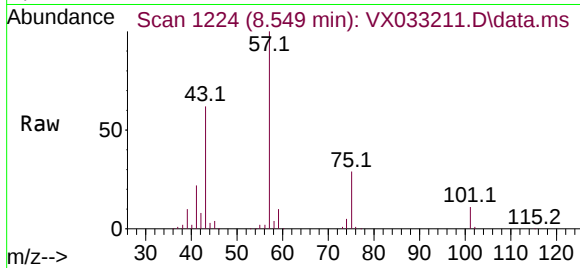




#54
 cis-1,3-Dichloropropene
 Concen: 14.474 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX033211.D
 Acq: 03 Dec 2022 01:01

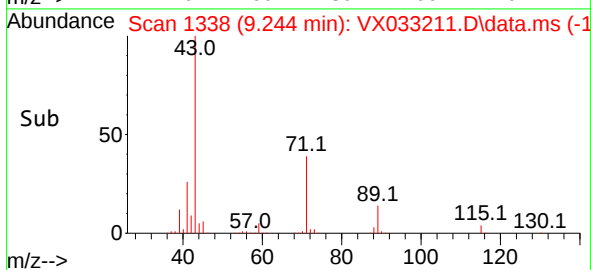
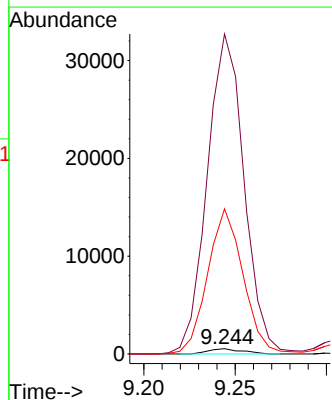
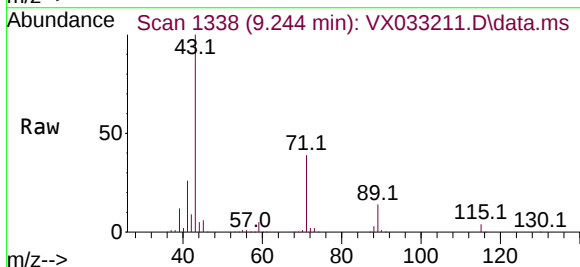
Instrument :
 MSVOA_X
 ClientSampleId :
 PB149377ZHE#05

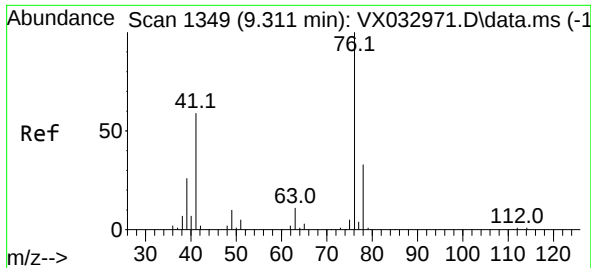
Tgt Ion: 75 Resp: 29086
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.1 37.7#
 39 34.7 45.5 68.3#



#56
 Ethyl methacrylate
 Concen: 0.372 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX033211.D
 Acq: 03 Dec 2022 01:01

Tgt Ion: 69 Resp: 687
 Ion Ratio Lower Upper
 69 100
 41 6704.4 54.3 81.5#
 39 2931.0 35.2 52.8#





#57

1,3-Dichloropropane

Concen: 1.806 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX033211.D

Acq: 03 Dec 2022 01:01

Instrument :

MSVOA_X

ClientSampleId :

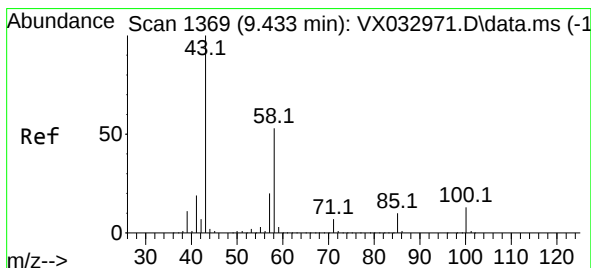
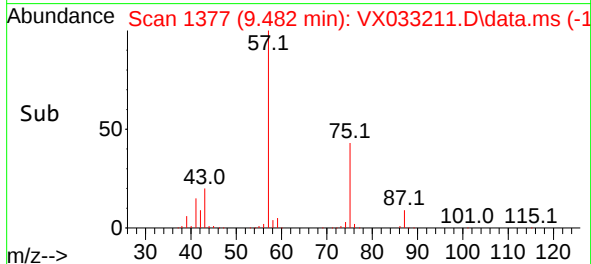
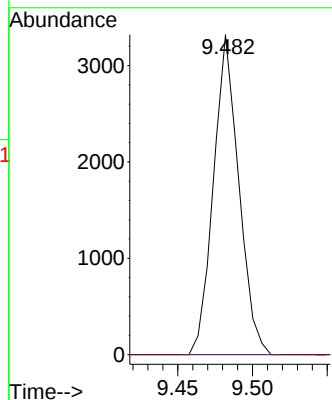
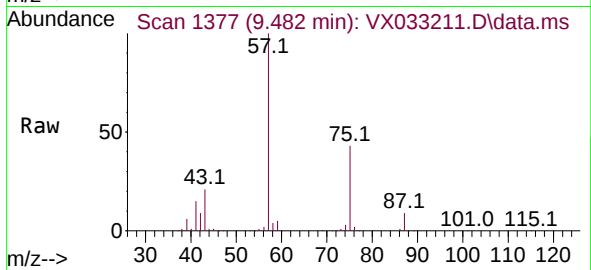
PB149377ZHE#05

Tgt Ion: 76 Resp: 3906

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 47.268 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033211.D

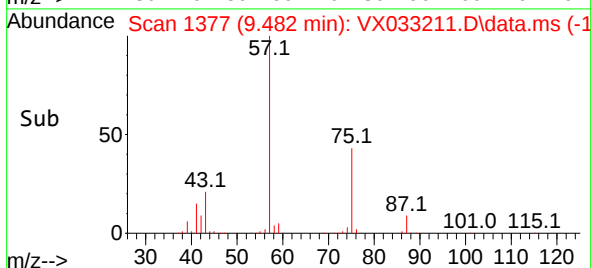
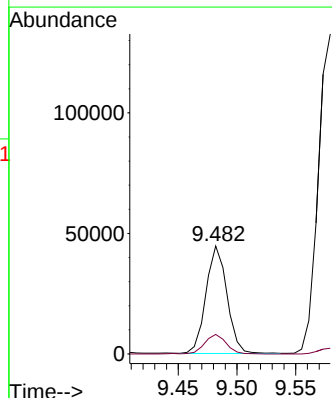
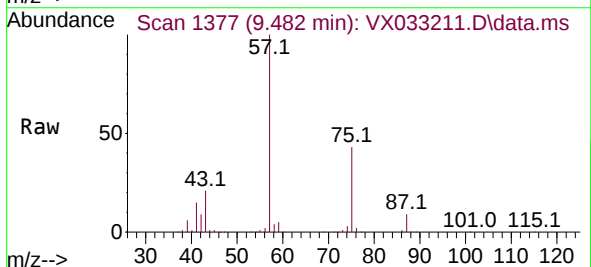
Acq: 03 Dec 2022 01:01

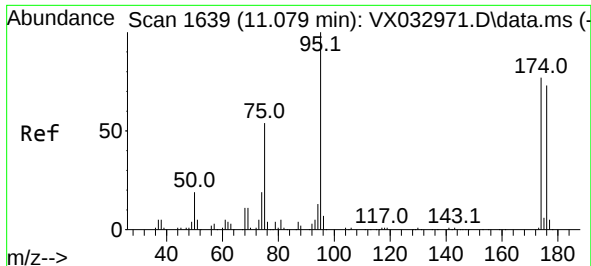
Tgt Ion: 43 Resp: 55471

Ion Ratio Lower Upper

43 100

58 18.8 26.5 79.5#





#62

4-Bromofluorobenzene

Concen: 41.515 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033211.D

Acq: 03 Dec 2022 01:01

Instrument :

MSVOA_X

ClientSampleId :

PB149377ZHE#05

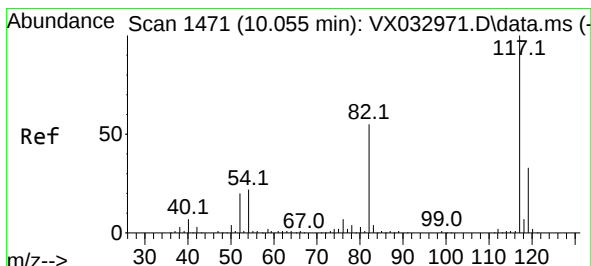
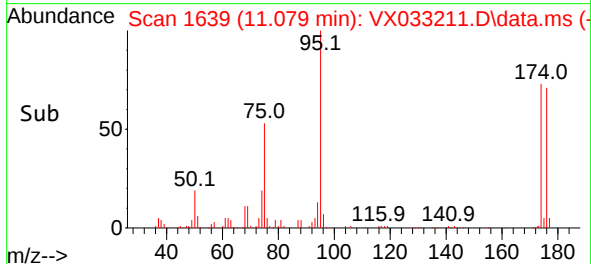
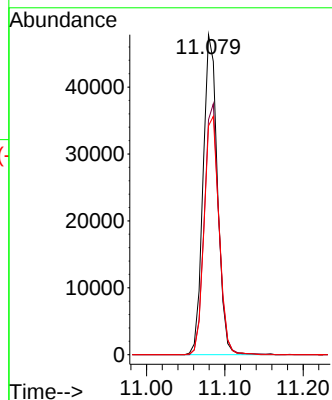
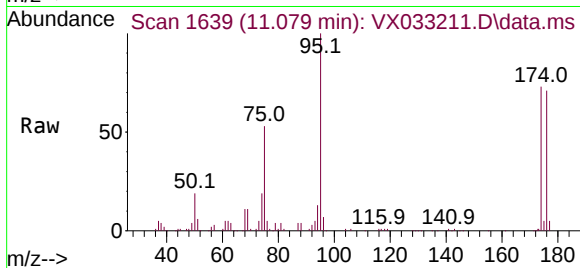
Tgt Ion: 95 Resp: 60856

Ion Ratio Lower Upper

95 100

174 79.0 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: VX033211.D

Acq: 03 Dec 2022 01:01

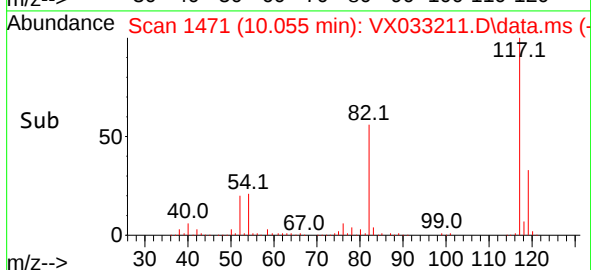
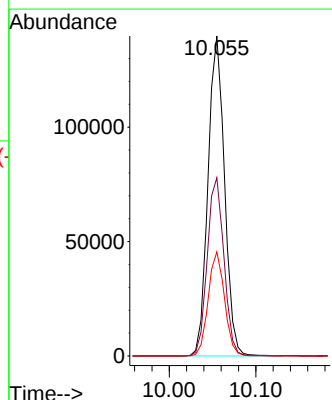
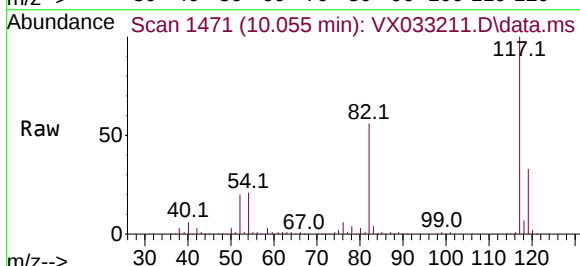
Tgt Ion: 117 Resp: 185103

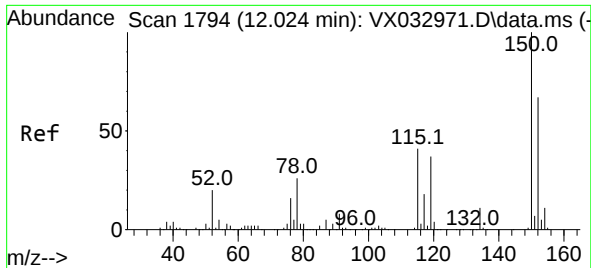
Ion Ratio Lower Upper

117 100

82 55.7 44.3 66.5

119 32.6 25.7 38.5

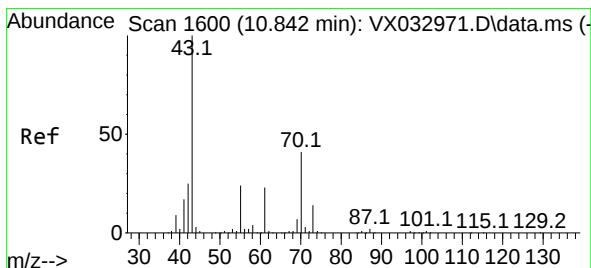
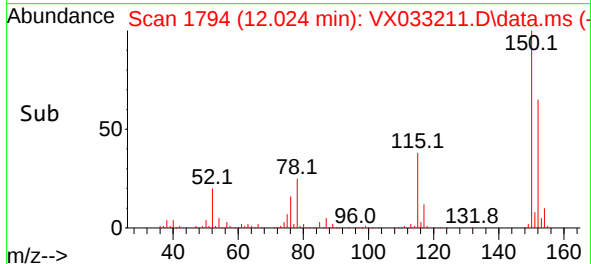
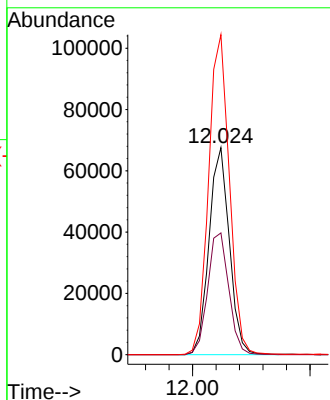
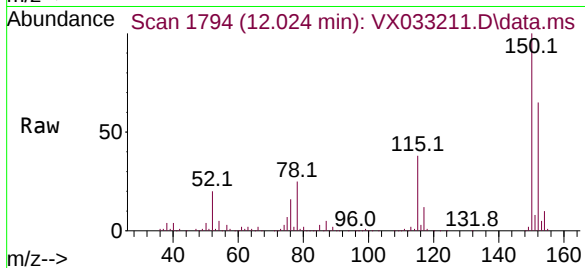




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

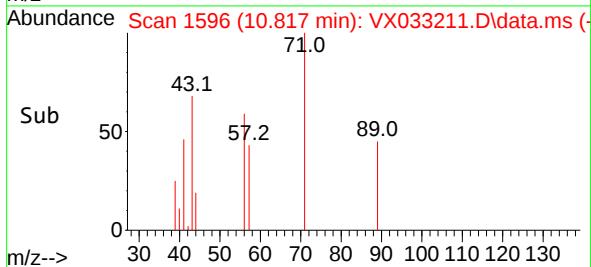
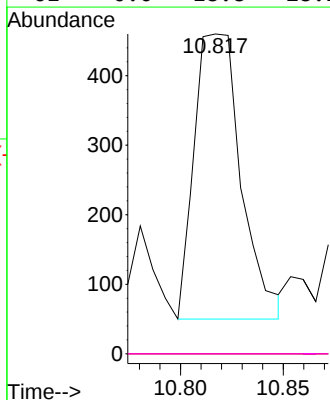
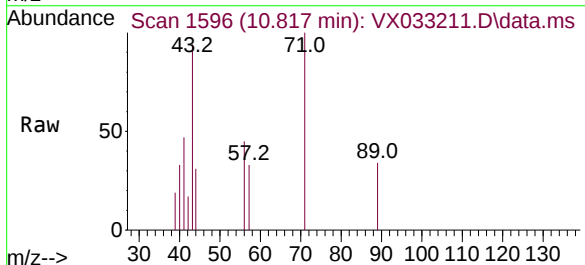
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#05

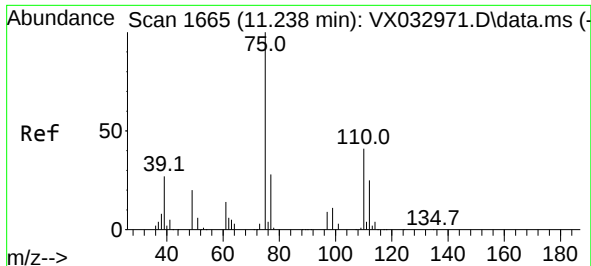
Tgt Ion:152 Resp: 81135
Ion Ratio Lower Upper
152 100
115 61.0 44.0 132.0
150 157.8 0.0 351.8



#74
N-ethyl acetate
Concen: 0.329 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Tgt Ion: 43 Resp: 649
Ion Ratio Lower Upper
43 100
70 0.0 33.6 50.4#
55 0.0 19.4 29.2#
61 0.0 18.8 28.2#

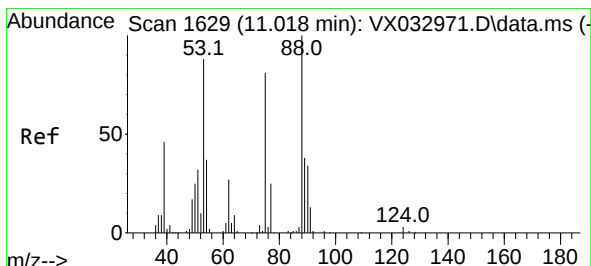
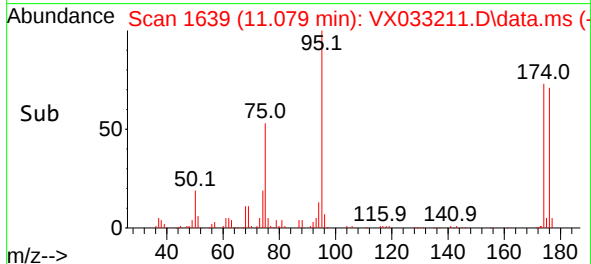
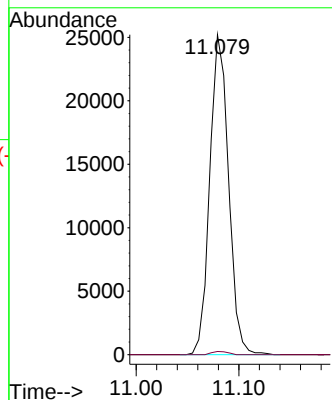
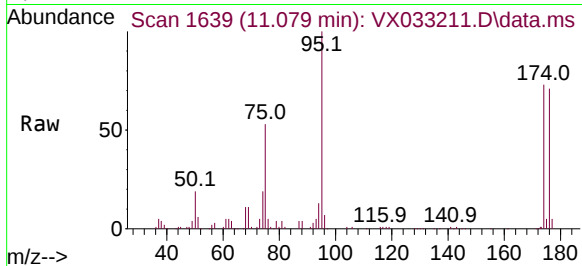




#76
1,2,3-Trichloropropane
Concen: 20.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#05

Tgt Ion: 75 Resp: 32073
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.847 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Tgt Ion: 75 Resp: 32073
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

