

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033249.D
 Acq On : 06 Dec 2022 00:17
 Operator : JC/MD
 Sample : PB149407ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149407ZHE#07

Quant Time: Dec 06 06:03:49 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)

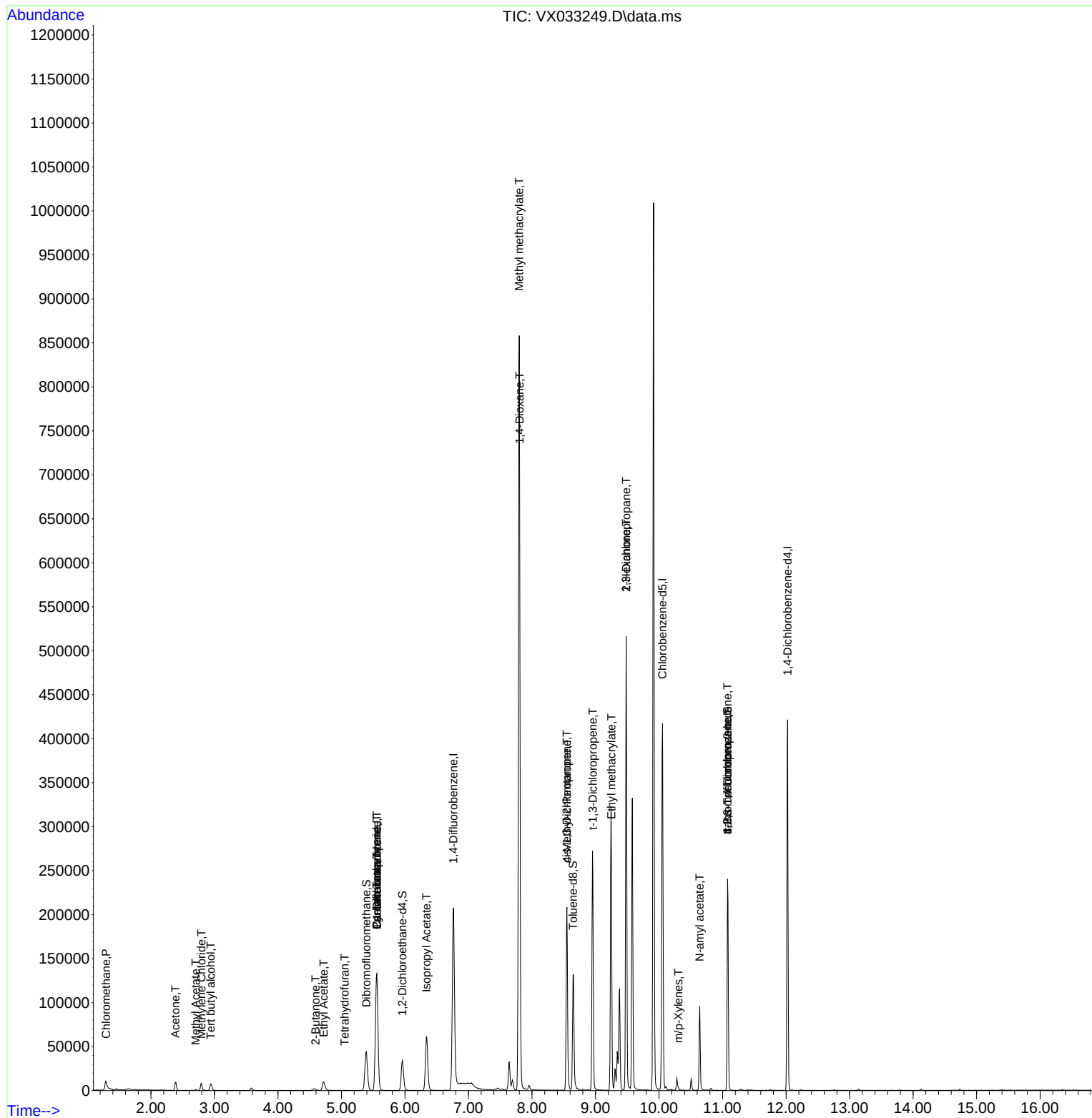
Internal Standards						
1) Pentafluorobenzene	5.556	168	126895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207983	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35102	26.859	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	53.720%#
35) Dibromofluoromethane	5.391	113	38409	32.757	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	65.520%#
50) Toluene-d8	8.647	98	81456	21.875	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	43.760%#
62) 4-Bromofluorobenzene	11.079	95	62750	40.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.480%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	298	0.285	ug/l #	43
11) Tert butyl alcohol	2.940	59	4547	23.212	ug/l #	72
16) Acetone	2.386	43	11498	19.923	ug/l	99
18) Methyl Acetate	2.703	43	1652	1.034	ug/l #	89
20) Methylene Chloride	2.794	84	4006	2.093	ug/l	93
25) 2-Butanone	4.593	43	1345	1.690	ug/l	93
29) Tetrahydrofuran	5.050	42	204	0.404	ug/l #	41
31) Cyclohexane	5.556	56	2614	1.305	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	9726	5.188	ug/l #	49
37) Ethyl Acetate	4.721	43	18239	11.151	ug/l	99
38) Carbon Tetrachloride	5.556	117	12956	6.229	ug/l #	16
43) Isopropyl Acetate	6.336	43	83934	31.028	ug/l	99
48) Methyl methacrylate	7.799	41	77752	55.840	ug/l #	42
49) 1,4-Dioxane	7.805	88	63	2.458	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	71093	42.590	ug/l #	49
53) t-1,3-Dichloropropene	8.958	75	622	1.804	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	33197	15.722	ug/l #	57
56) Ethyl methacrylate	9.250	69	665	0.343	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4176	1.837	ug/l #	42
59) 2-Hexanone	9.482	43	59239	48.041	ug/l #	52
68) m/p-Xylenes	10.305	106	753	0.284	ug/l	87
74) N-amyl acetate	10.640	43	23074	11.046	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	33271	20.445	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33271	66.455	ug/l #	6

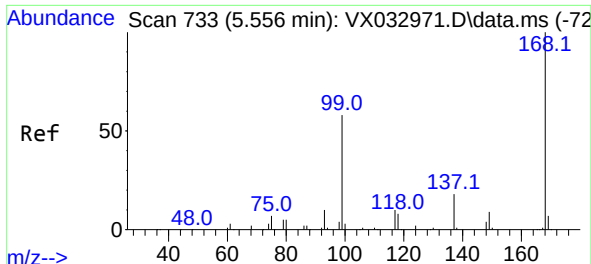
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
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Sample : PB149407ZHE#07
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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Dec 06 06:03:49 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

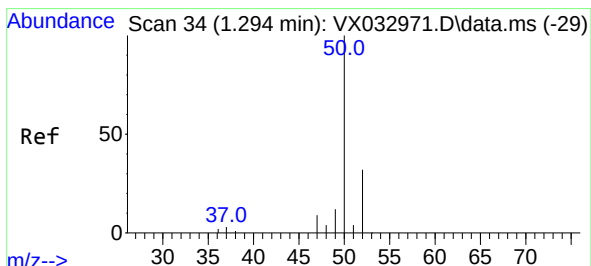
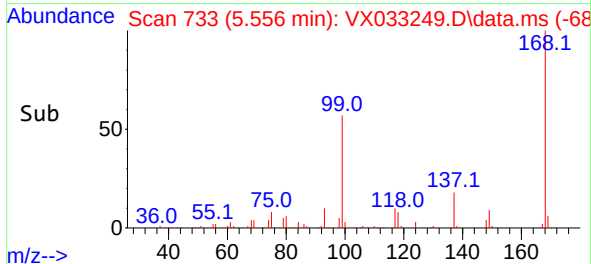
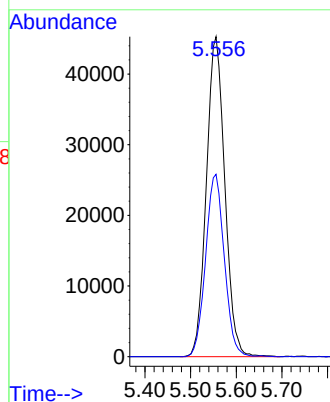
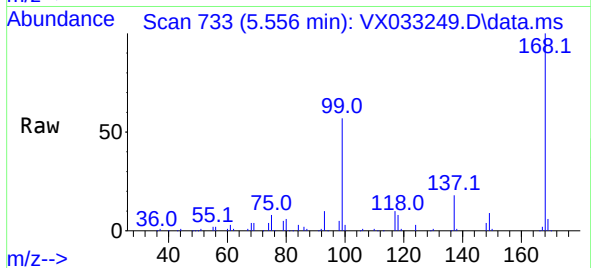




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

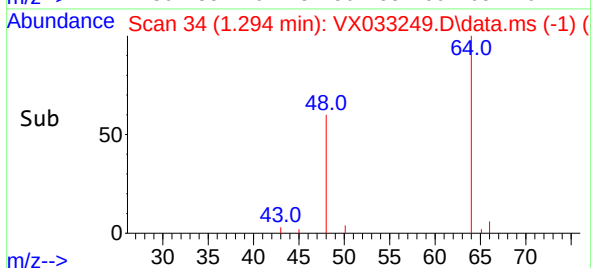
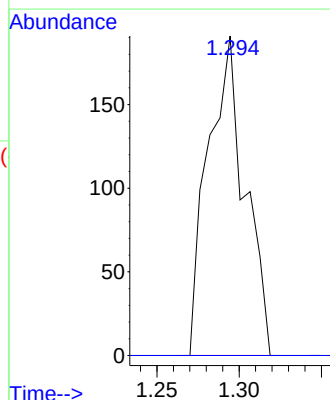
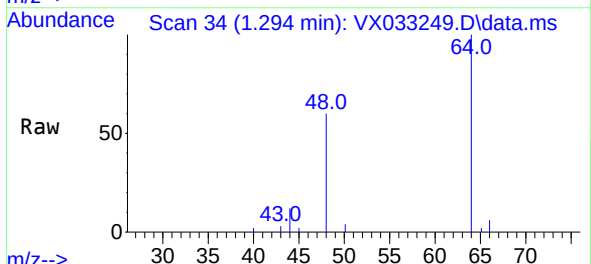
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#07

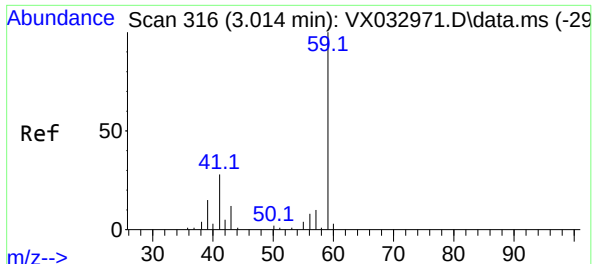
Tgt Ion:168 Resp: 126895
Ion Ratio Lower Upper
168 100
99 57.0 46.1 69.1



#3
Chloromethane
Concen: 0.285 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

Tgt Ion: 50 Resp: 298
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

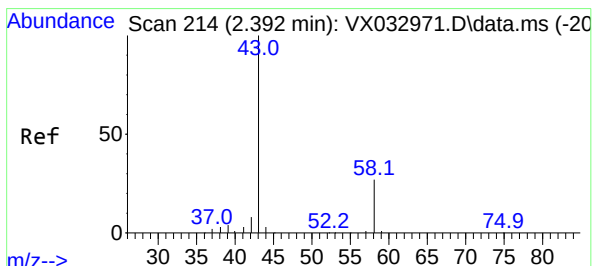
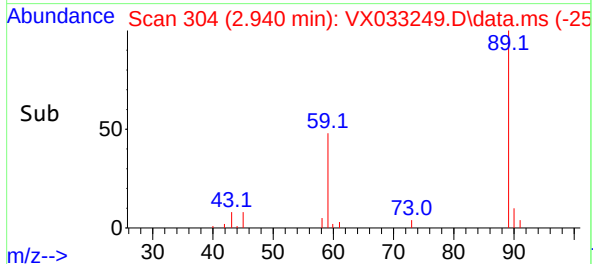
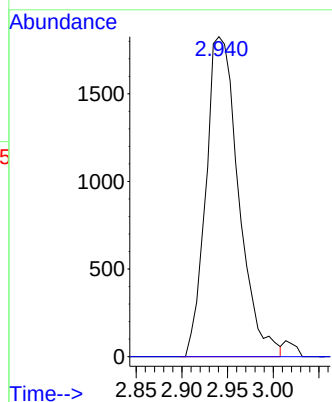
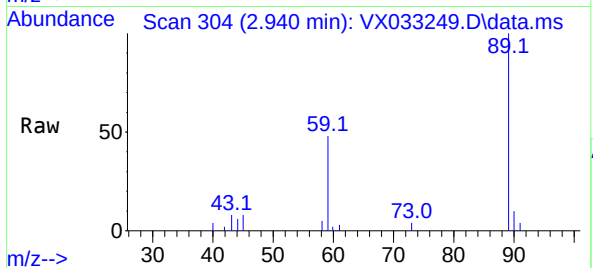




#11
Tert butyl alcohol
Concen: 23.212 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

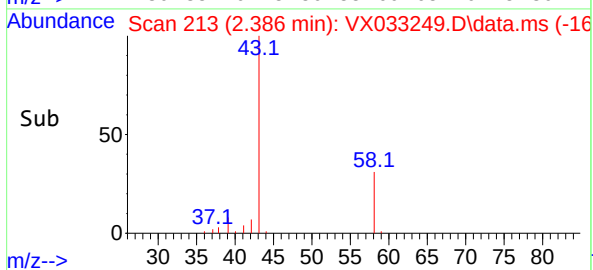
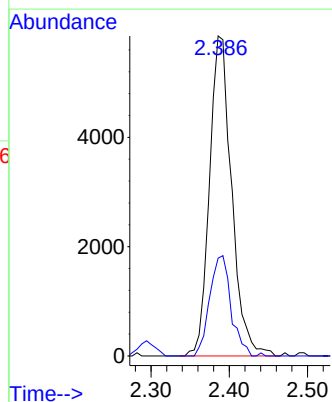
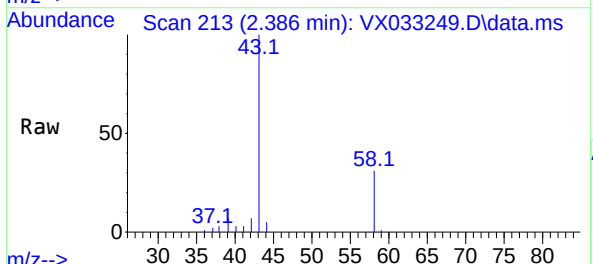
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#07

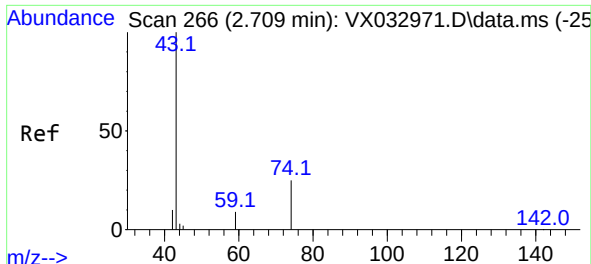
Tgt Ion: 59 Resp: 4547
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 19.923 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

Tgt Ion: 43 Resp: 11498
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.8

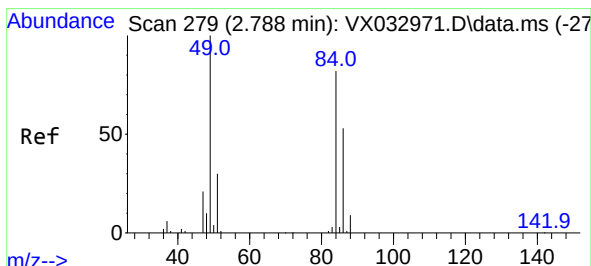
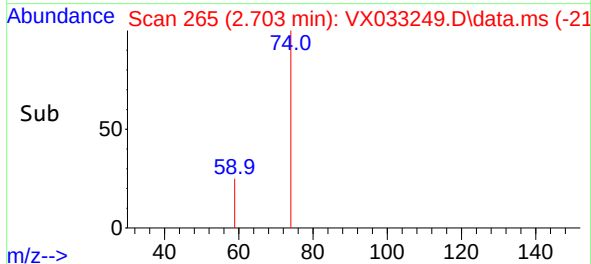
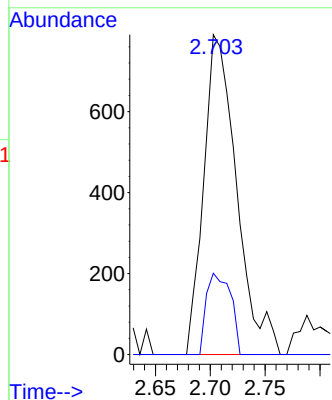
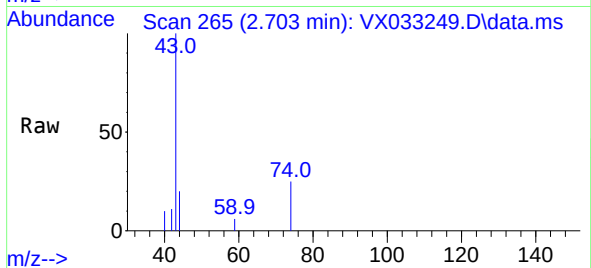




#18
Methyl Acetate
Concen: 1.034 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

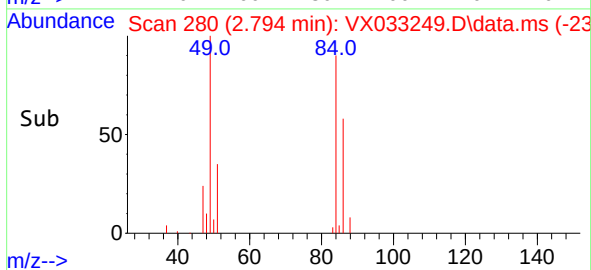
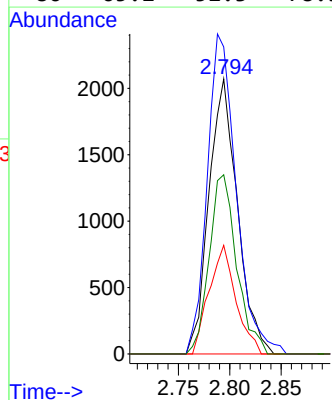
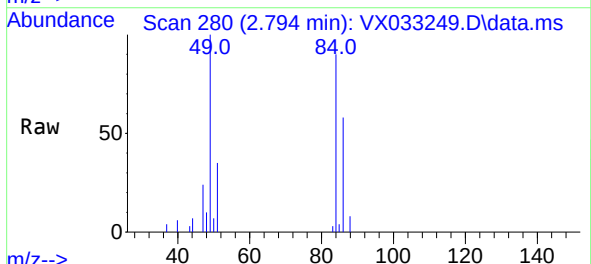
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#07

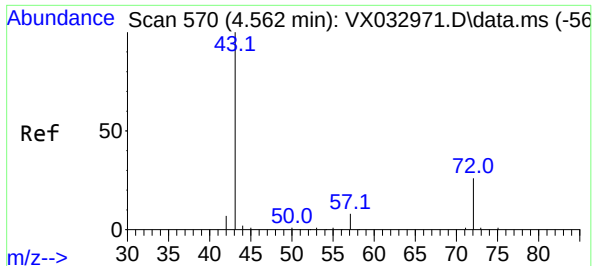
Tgt Ion: 43 Resp: 1652
Ion Ratio Lower Upper
43 100
74 18.6 19.4 29.0#



#20
Methylene Chloride
Concen: 2.093 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

Tgt Ion: 84 Resp: 4006
Ion Ratio Lower Upper
84 100
49 111.7 101.0 151.6
51 39.5 31.1 46.7
86 65.2 52.3 78.5





#25

2-Butanone

Concen: 1.690 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX033249.D

Acq: 06 Dec 2022 00:17

Instrument :

MSVOA_X

ClientSampleId :

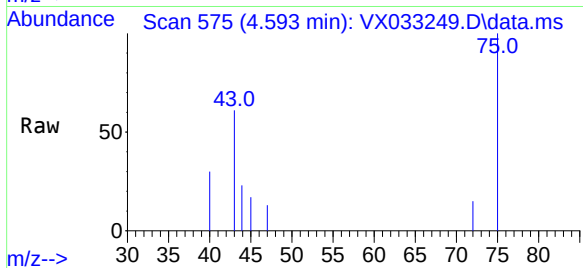
PB149407ZHE#07

Tgt Ion: 43 Resp: 1345

Ion Ratio Lower Upper

43 100

72 24.3 22.2 33.2



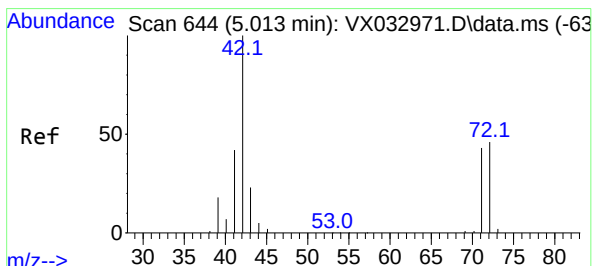
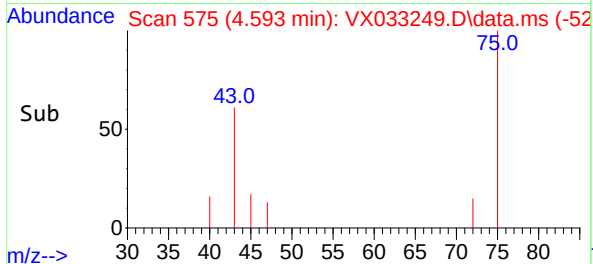
Abundance

4000

2000

4.593

Time-->



#29

Tetrahydrofuran

Concen: 0.404 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.049 min

Lab File: VX033249.D

Acq: 06 Dec 2022 00:17

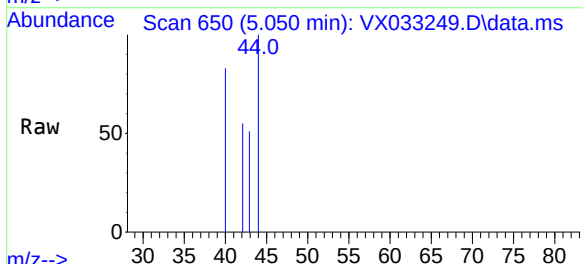
Tgt Ion: 42 Resp: 204

Ion Ratio Lower Upper

42 100

72 13.2 37.6 56.4#

71 0.0 34.7 52.1#



Abundance

80

60

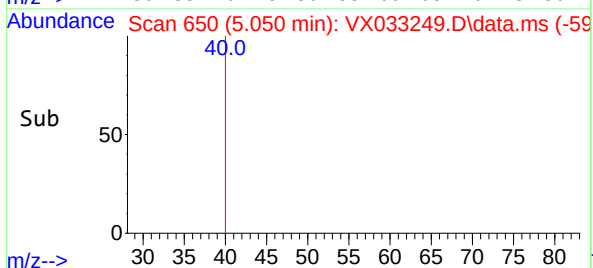
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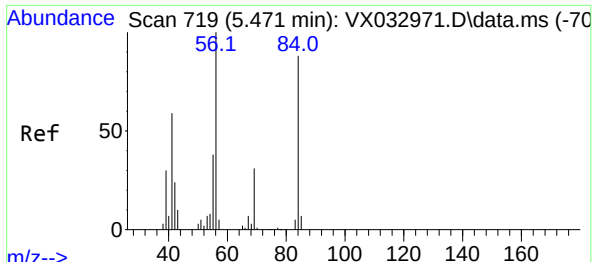
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0

5.050

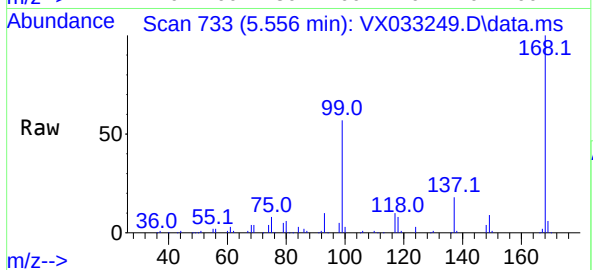
Time-->



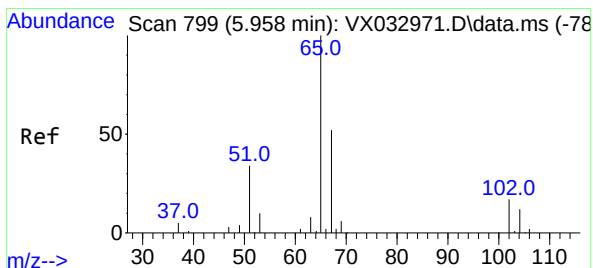
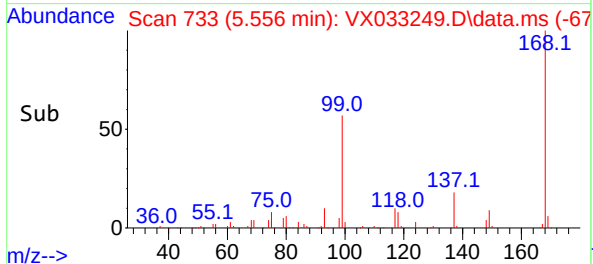
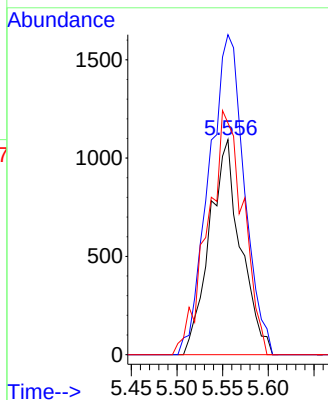


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#07

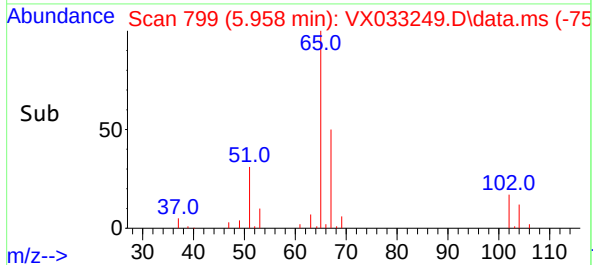
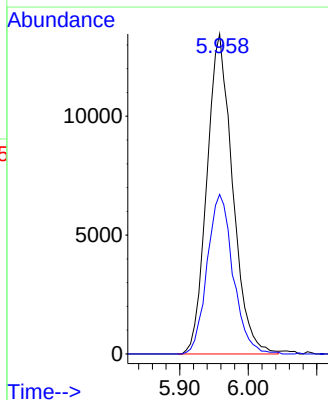
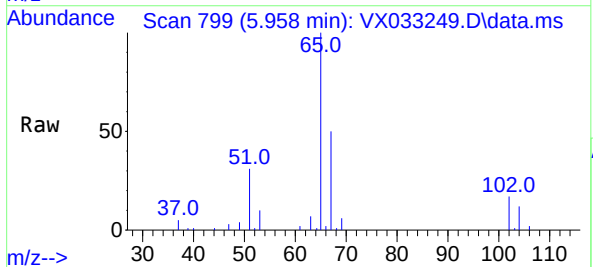


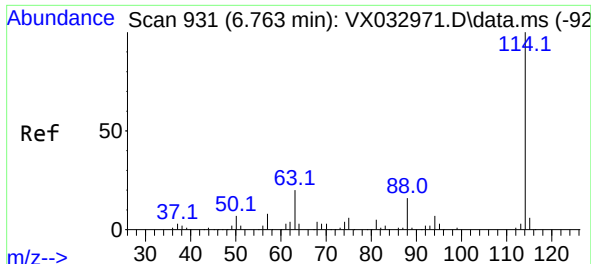
Tgt Ion: 56 Resp: 2614
Ion Ratio Lower Upper
56 100
69 148.8 24.1 36.1#
84 107.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 26.859 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

Tgt Ion: 65 Resp: 35102
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

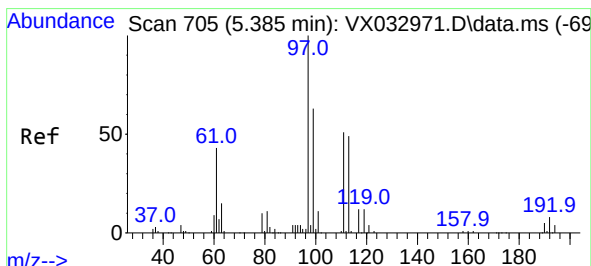
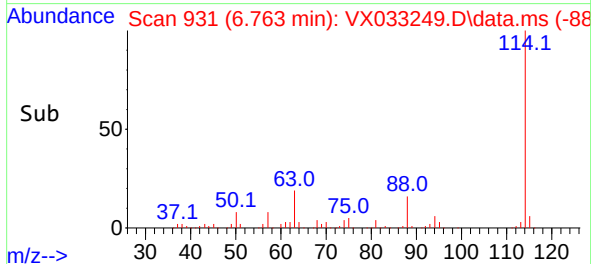
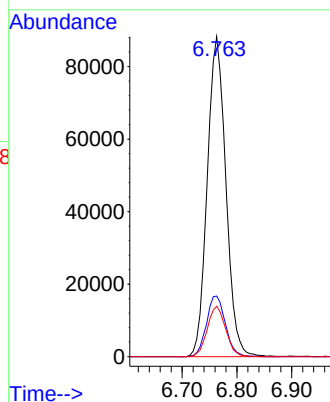
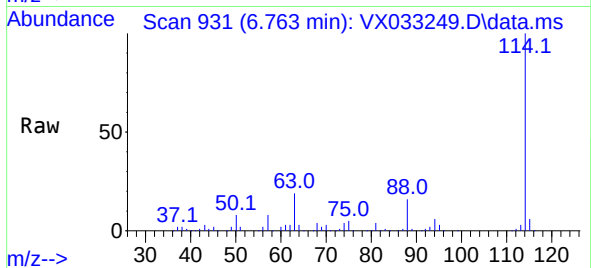




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

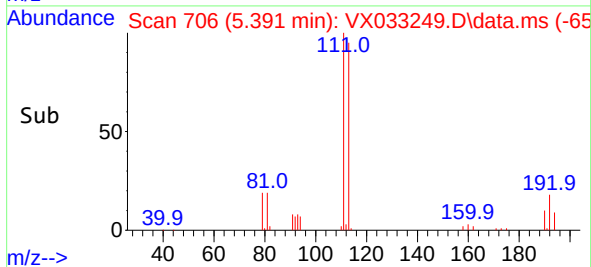
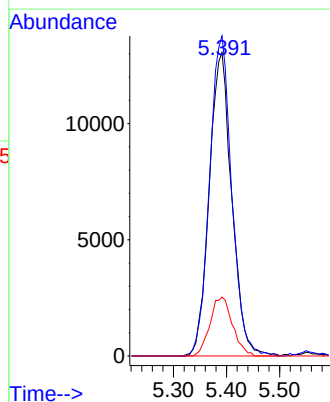
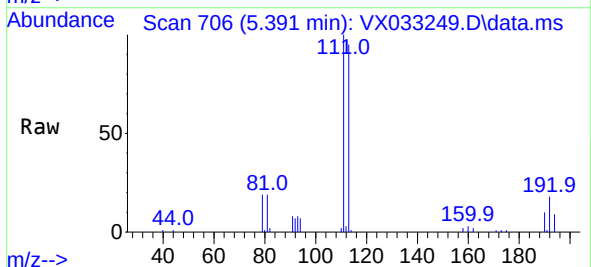
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MSVOA_X
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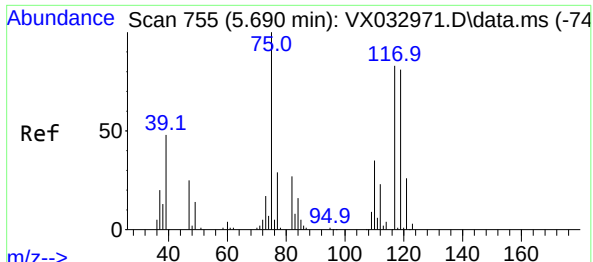
Tgt Ion:114 Resp: 207983
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 32.757 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

Tgt Ion:113 Resp: 38409
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 19.4 15.4 23.2

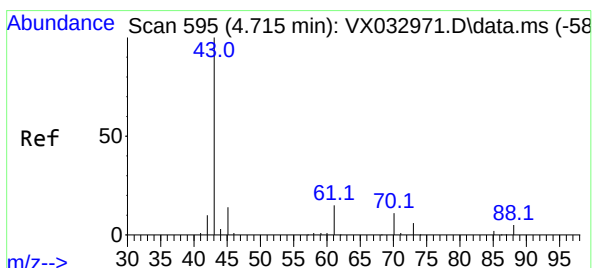
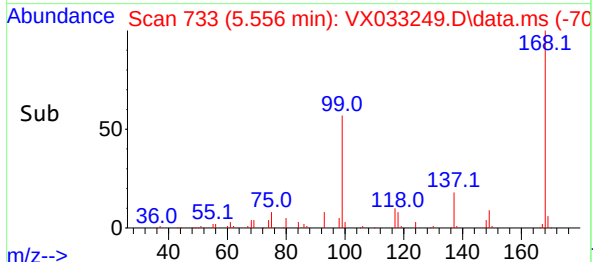
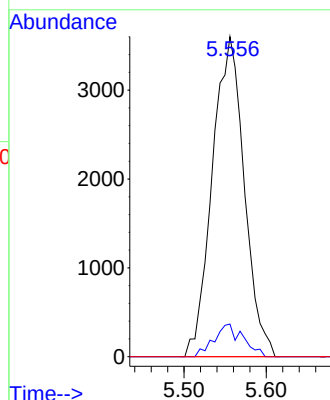
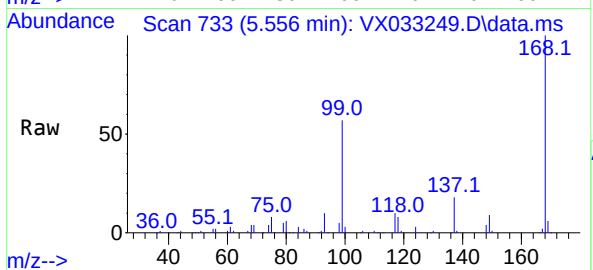




#36
1,1-Dichloropropene
Concen: 5.188 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

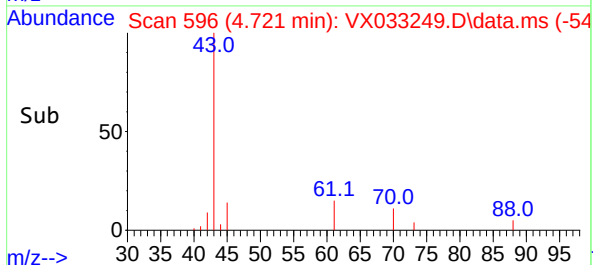
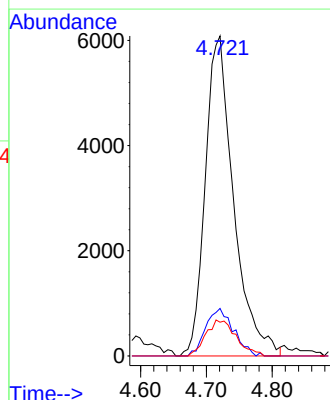
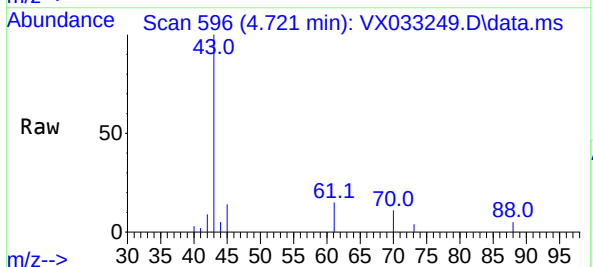
Instrument :
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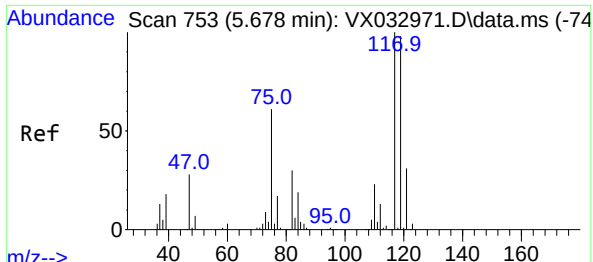
Tgt Ion: 75 Resp: 9726
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 11.151 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

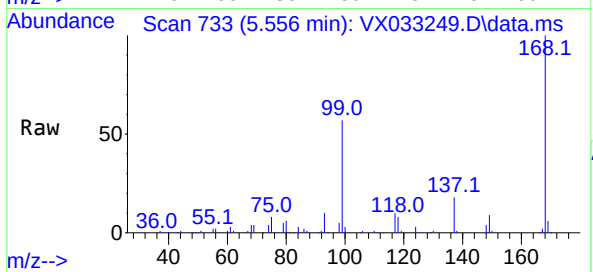
Tgt Ion: 43 Resp: 18239
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 12.0 9.1 13.7



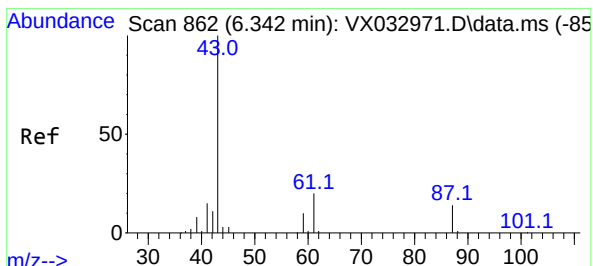
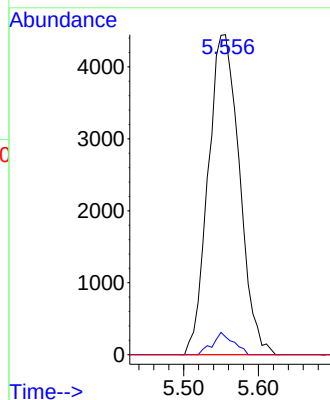
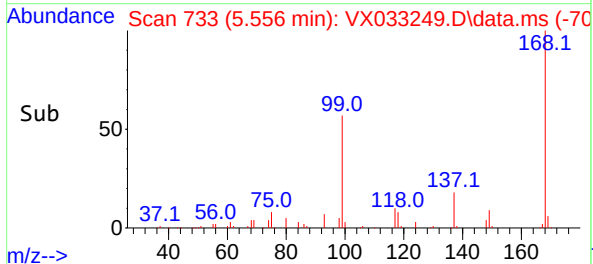


#38
Carbon Tetrachloride
Concen: 6.229 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

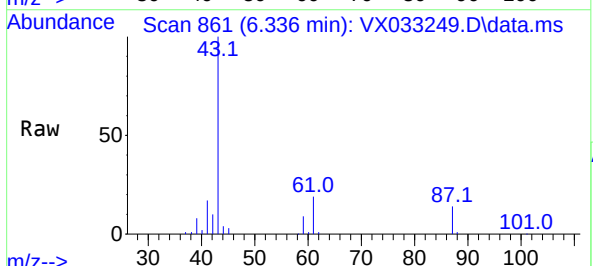
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#07



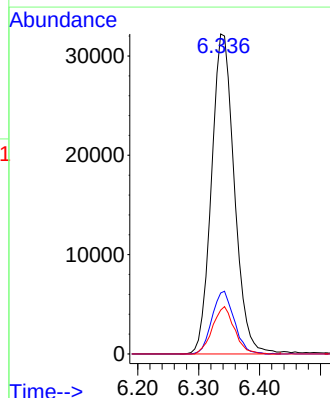
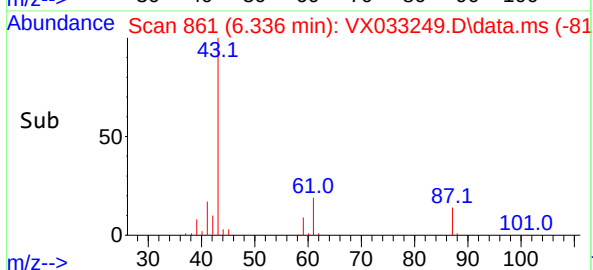
Tgt Ion:117 Resp: 12956
Ion Ratio Lower Upper
117 100
119 5.6 77.2 115.8#
121 0.0 25.8 38.6#

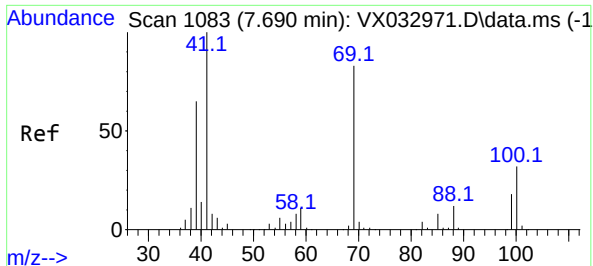


#43
Isopropyl Acetate
Concen: 31.028 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17



Tgt Ion: 43 Resp: 83934
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0
87 14.2 10.8 16.2





#48

Methyl methacrylate

Concen: 55.840 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX033249.D

Acq: 06 Dec 2022 00:17

Instrument :

MSVOA_X

ClientSampleId :

PB149407ZHE#07

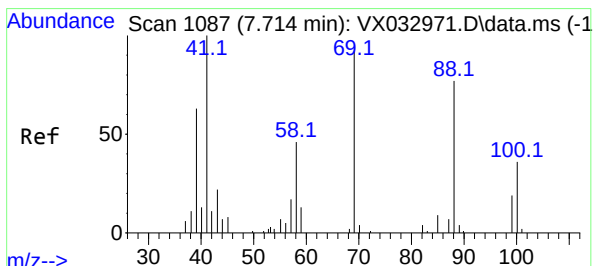
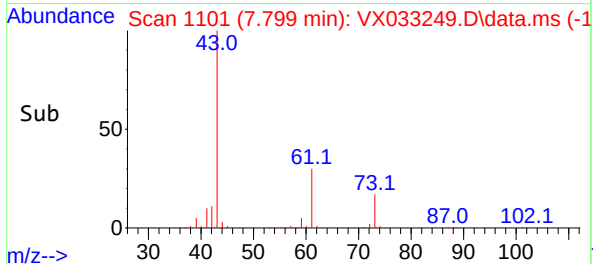
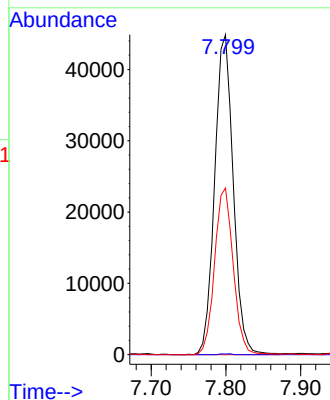
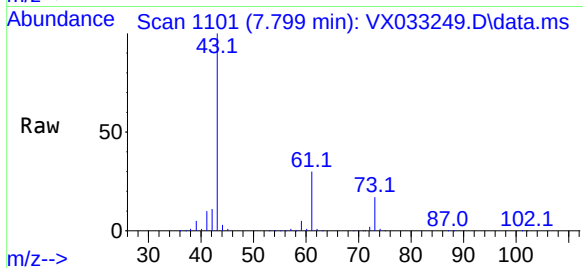
Tgt Ion: 41 Resp: 77752

Ion Ratio Lower Upper

41 100

69 0.2 65.1 97.7#

39 52.2 51.9 77.9



#49

1,4-Dioxane

Concen: 2.458 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.134 min

Lab File: VX033249.D

Acq: 06 Dec 2022 00:17

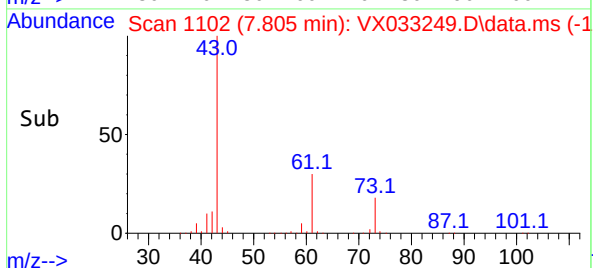
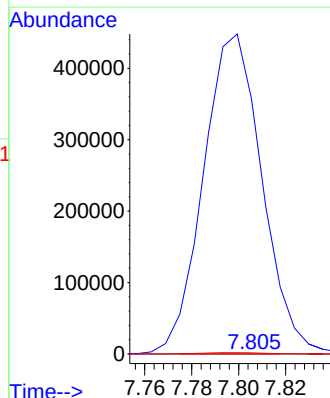
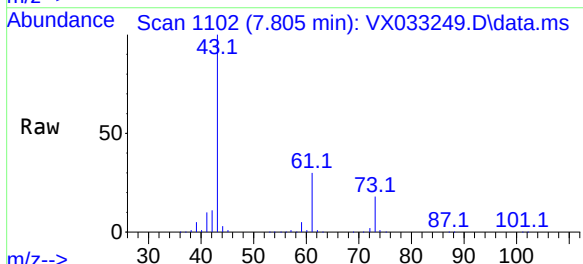
Tgt Ion: 88 Resp: 63

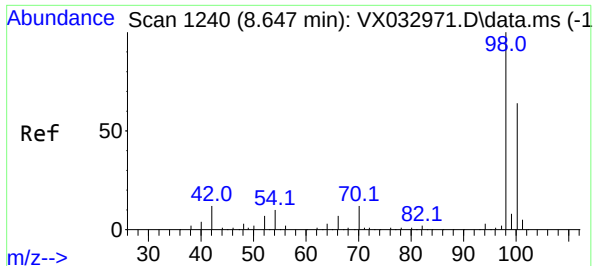
Ion Ratio Lower Upper

88 100

43 1243920.6 26.6 39.8#

58 5287.3 51.7 77.5#

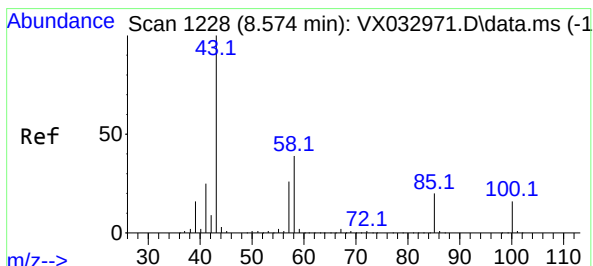
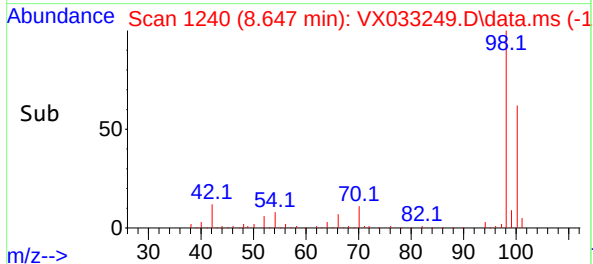
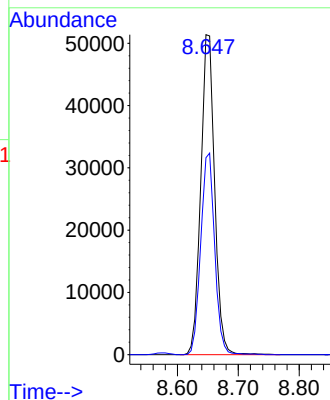
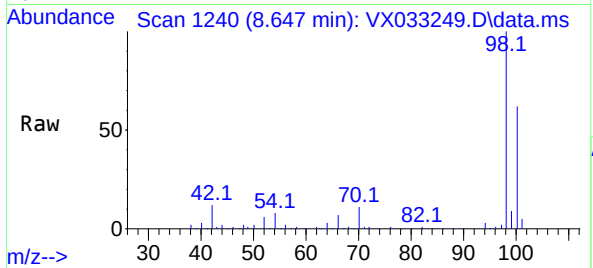




#50
Toluene-d8
Concen: 21.875 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

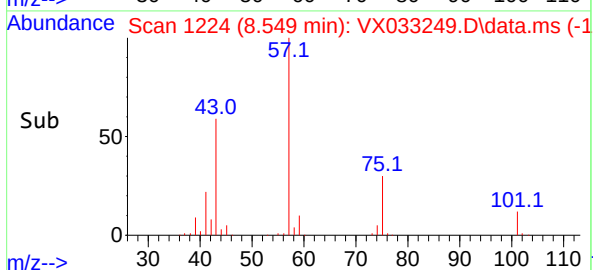
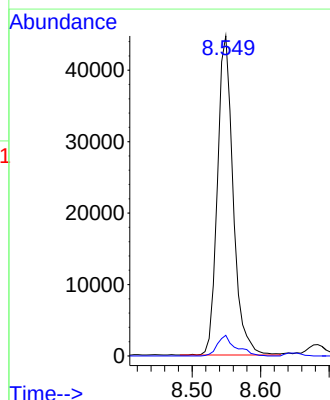
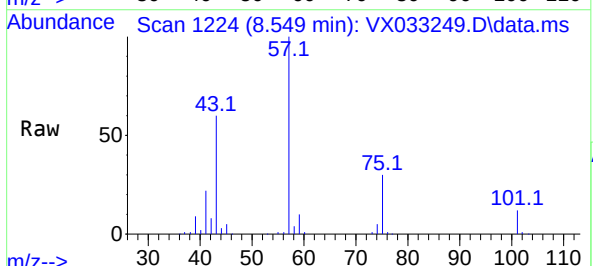
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#07

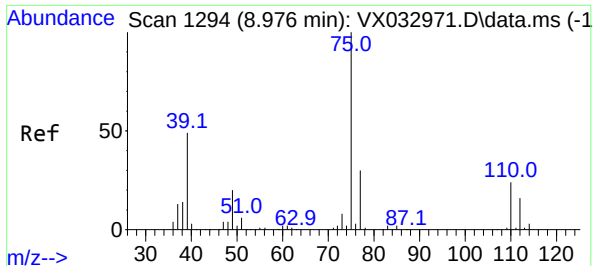
Tgt Ion: 98 Resp: 81456
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 42.590 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

Tgt Ion: 43 Resp: 71093
Ion Ratio Lower Upper
43 100
58 7.5 30.9 46.3#





#53

t-1,3-Dichloropropene

Concen: 1.804 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX033249.D

Acq: 06 Dec 2022 00:17

Instrument :

MSVOA_X

ClientSampleId :

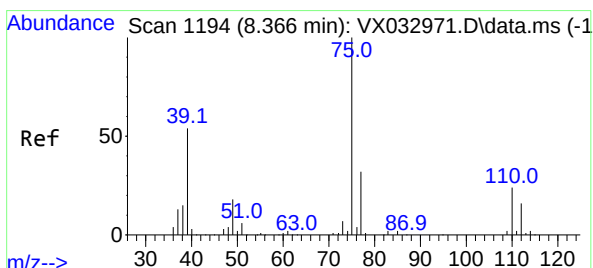
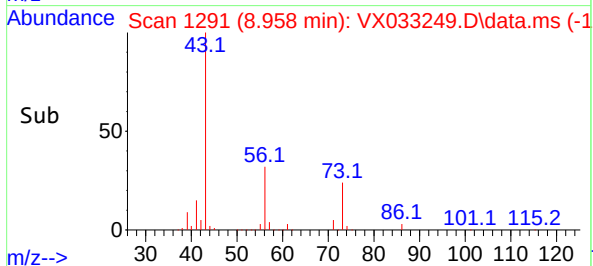
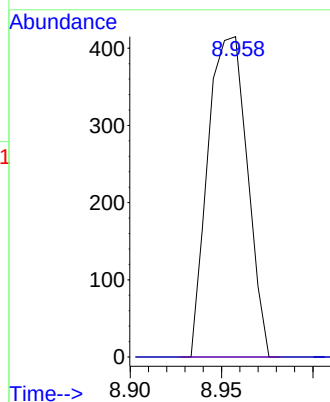
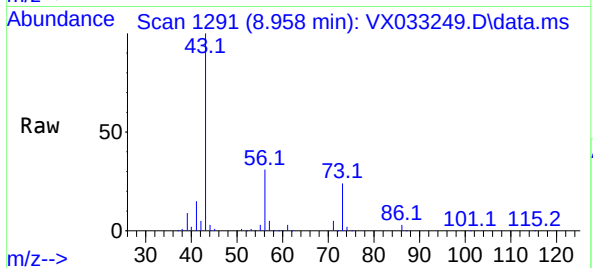
PB149407ZHE#07

Tgt Ion: 75 Resp: 622

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 15.722 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX033249.D

Acq: 06 Dec 2022 00:17

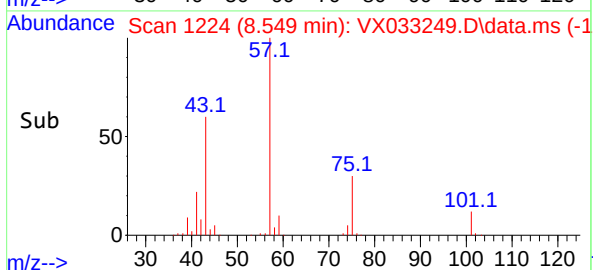
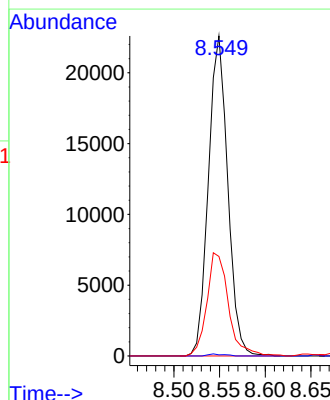
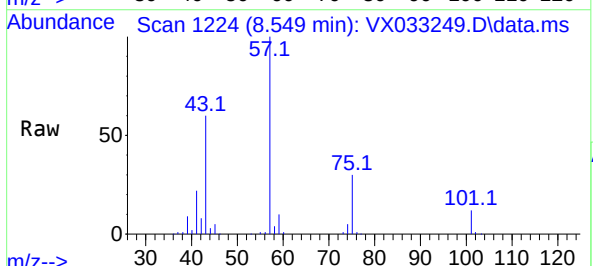
Tgt Ion: 75 Resp: 33197

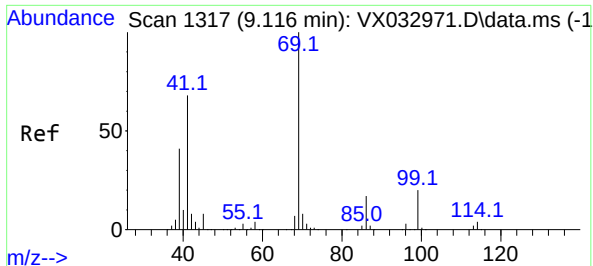
Ion Ratio Lower Upper

75 100

77 0.3 25.1 37.7#

39 31.1 45.5 68.3#





#56

Ethyl methacrylate

Concen: 0.343 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.134 min

Lab File: VX033249.D

Acq: 06 Dec 2022 00:17

Instrument :

MSVOA_X

ClientSampleId :

PB149407ZHE#07

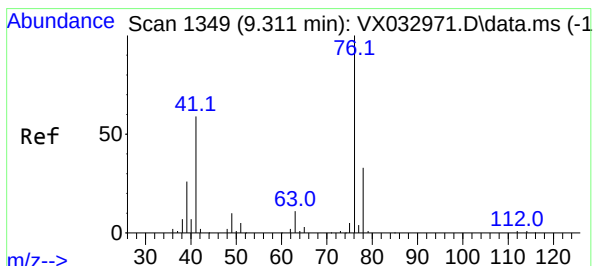
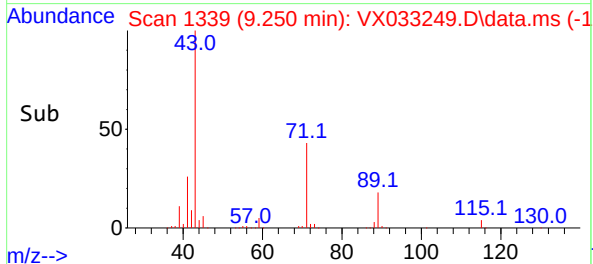
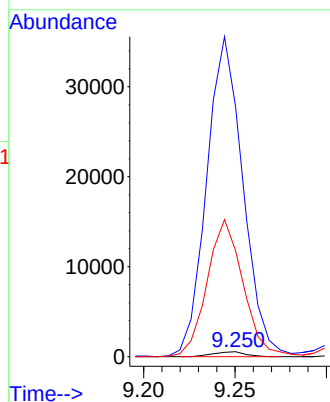
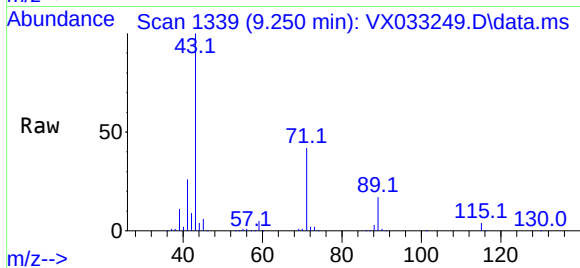
Tgt Ion: 69 Resp: 665

Ion Ratio Lower Upper

69 100

41 7407.4 54.3 81.5#

39 3147.5 35.2 52.8#



#57

1,3-Dichloropropane

Concen: 1.837 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX033249.D

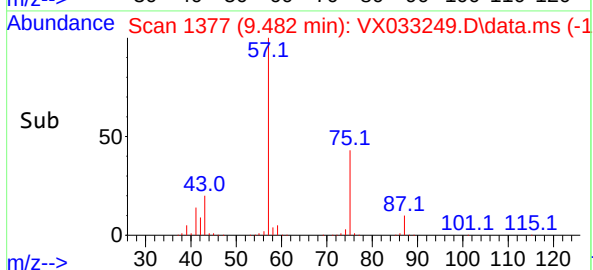
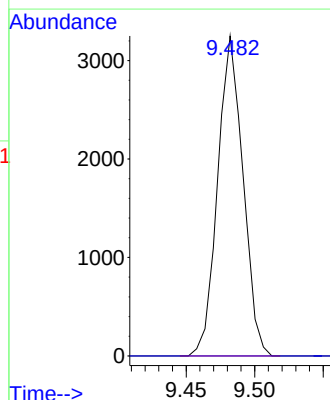
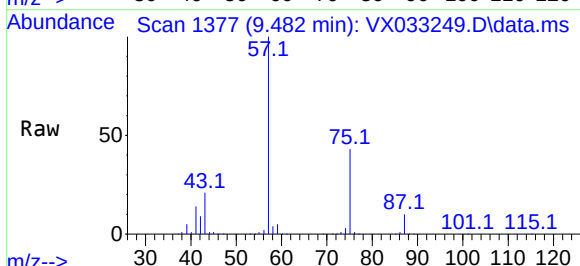
Acq: 06 Dec 2022 00:17

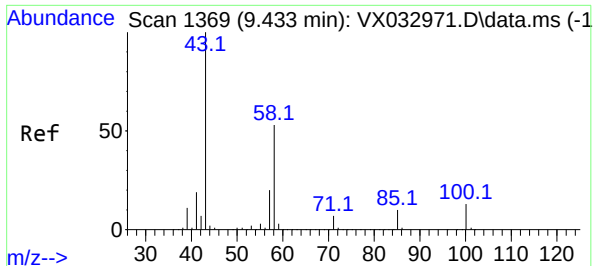
Tgt Ion: 76 Resp: 4176

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#

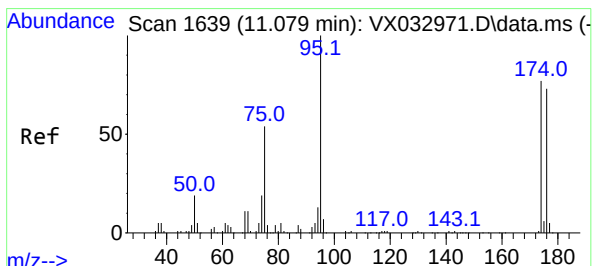
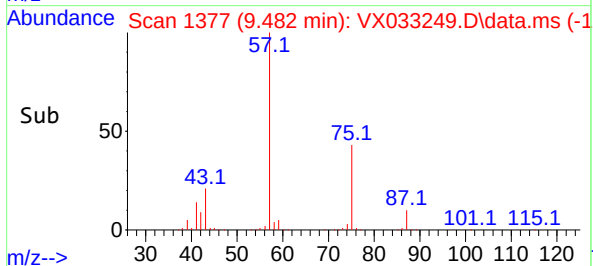
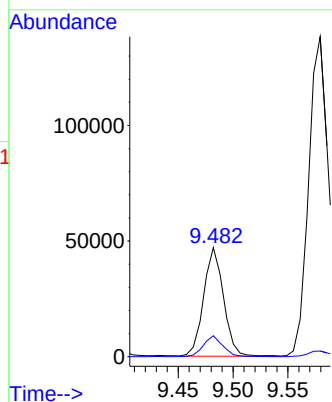
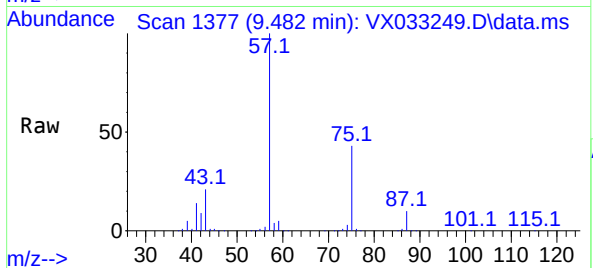




#59
2-Hexanone
Concen: 48.041 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

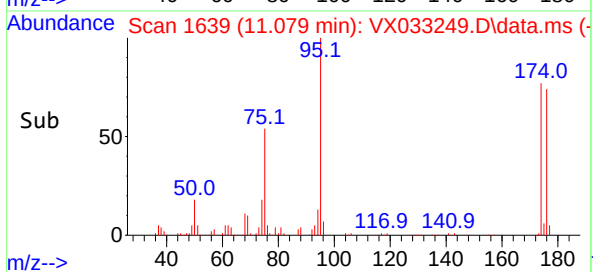
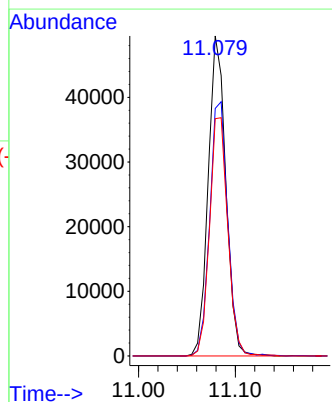
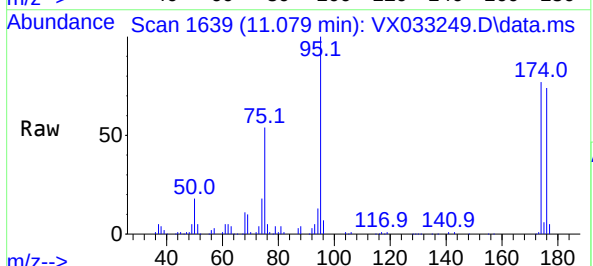
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#07

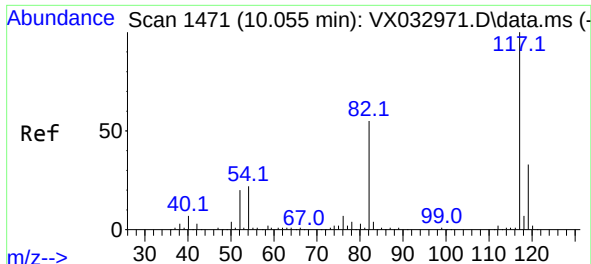
Tgt Ion: 43 Resp: 59239
Ion Ratio Lower Upper
43 100
58 18.8 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 40.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

Tgt Ion: 95 Resp: 62750
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 77.1 0.0 154.4

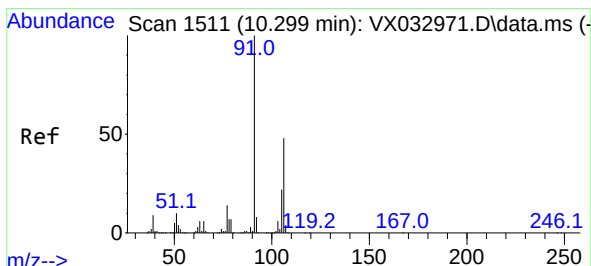
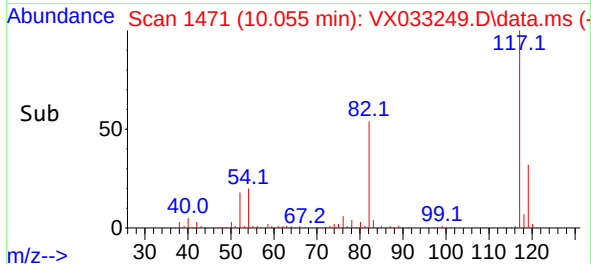
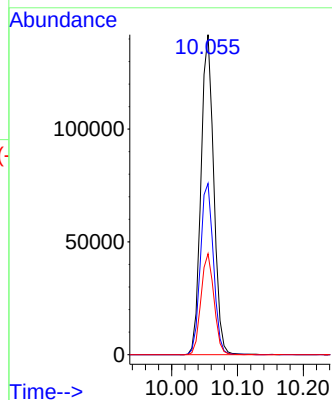
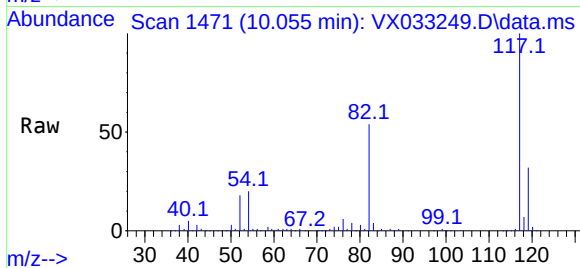




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

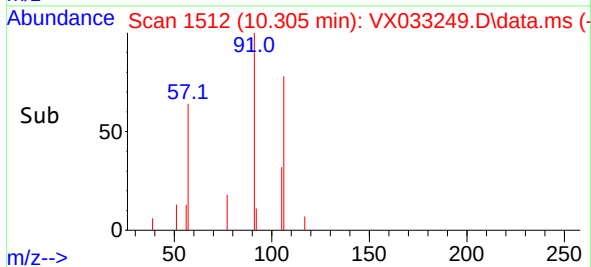
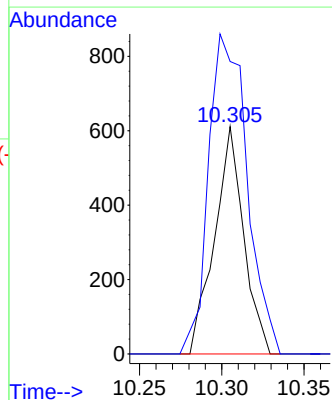
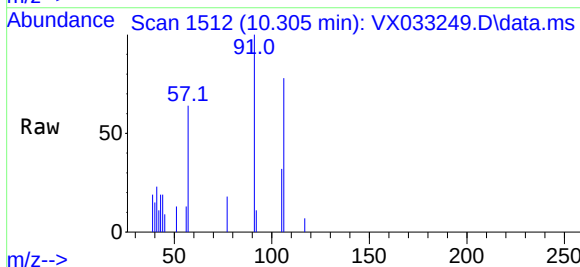
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#07

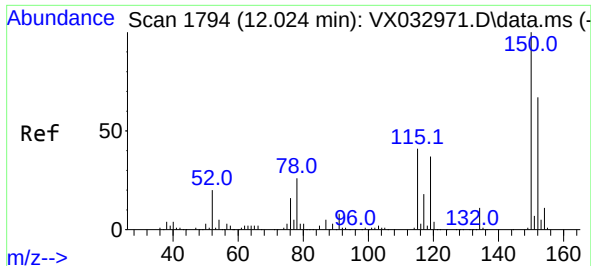
Tgt Ion:117 Resp: 191505
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 31.6 25.7 38.5



#68
m/p-Xylenes
Concen: 0.284 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

Tgt Ion:106 Resp: 753
Ion Ratio Lower Upper
106 100
91 186.2 164.5 246.7

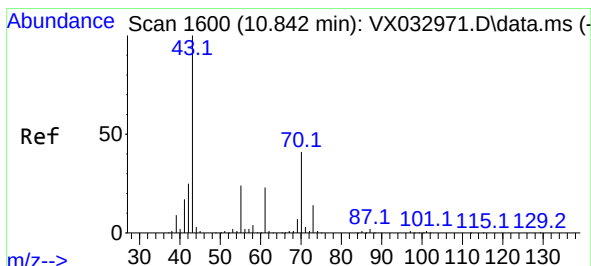
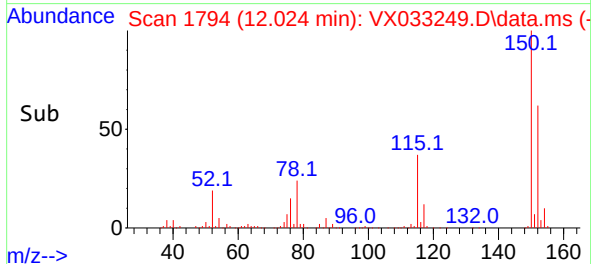
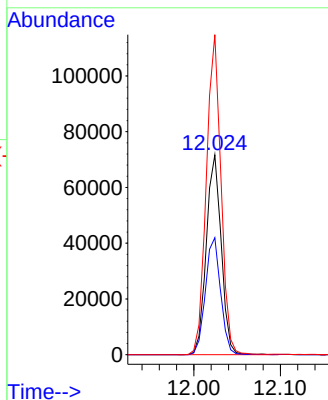
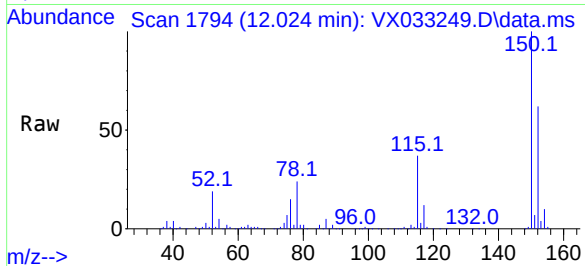




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

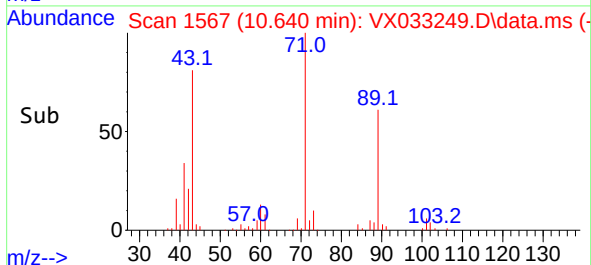
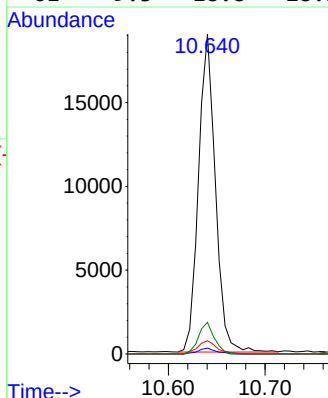
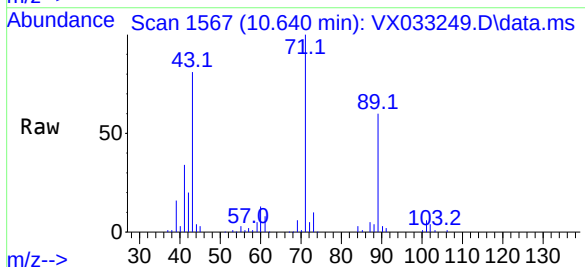
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#07

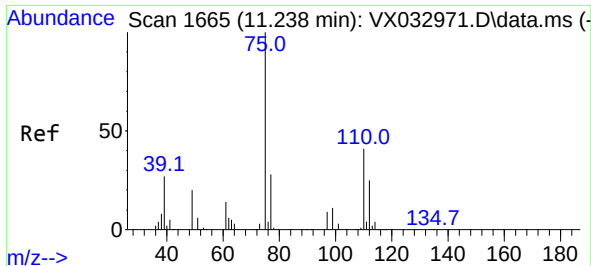
Tgt Ion:152 Resp: 85929
Ion Ratio Lower Upper
152 100
115 59.7 44.0 132.0
150 156.9 0.0 351.8



#74
N-ethyl acetate
Concen: 11.046 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

Tgt Ion: 43 Resp: 23074
Ion Ratio Lower Upper
43 100
70 1.9 33.6 50.4#
55 4.7 19.4 29.2#
61 9.3 18.8 28.2#

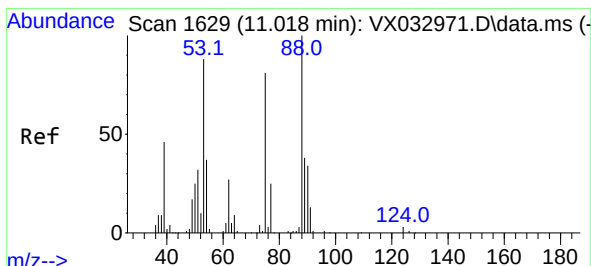
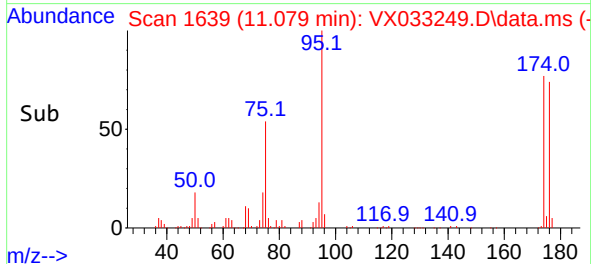
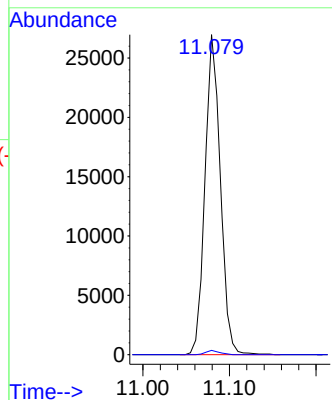
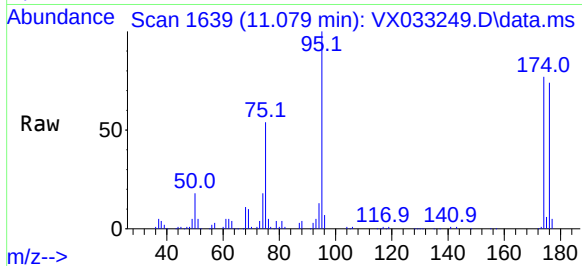




#76
1,2,3-Trichloropropane
Concen: 20.445 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#07

Tgt Ion: 75 Resp: 33271
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033249.D
Acq: 06 Dec 2022 00:17

Tgt Ion: 75 Resp: 33271
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

