

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033248.D
 Acq On : 05 Dec 2022 23:54
 Operator : JC/MD
 Sample : PB149407ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149407ZHE#06

Quant Time: Dec 06 06:03:39 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)

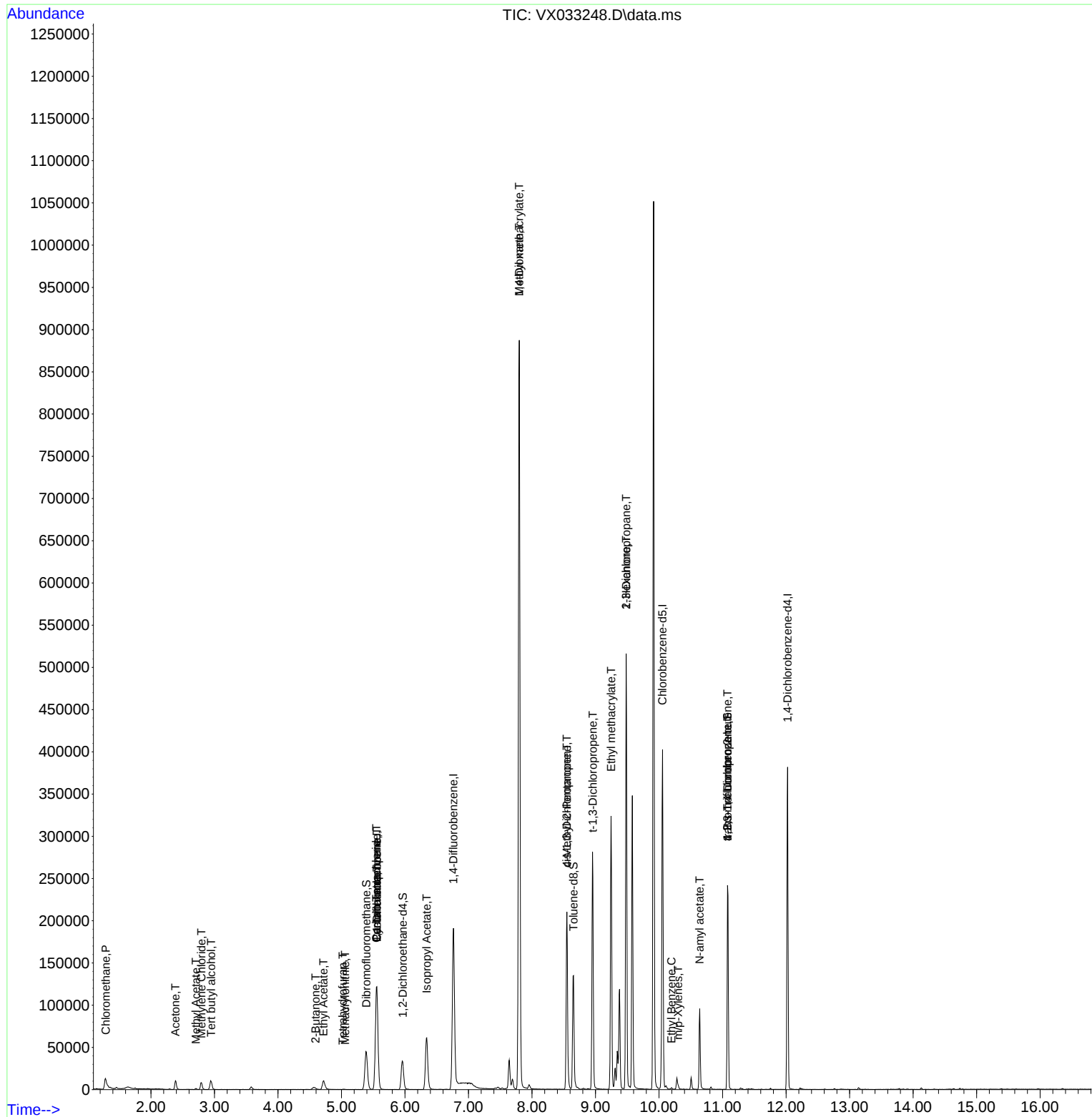
Internal Standards						
1) Pentafluorobenzene	5.556	168	117647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	36052	30.115	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	60.220%#		
35) Dibromofluoromethane	5.391	113	39599	36.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	73.500%#		
50) Toluene-d8	8.653	98	82549	24.352	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	48.700%#		
62) 4-Bromofluorobenzene	11.079	95	63534	44.882	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.760%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	572	0.590	ug/l #	43
11) Tert butyl alcohol	2.946	59	6347	34.947	ug/l #	74
16) Acetone	2.386	43	12504	23.369	ug/l	100
18) Methyl Acetate	2.709	43	1511	1.020	ug/l #	87
20) Methylene Chloride	2.794	84	3994	2.351	ug/l	93
25) 2-Butanone	4.592	43	1312	1.778	ug/l #	88
29) Tetrahydrofuran	5.019	42	150	0.320	ug/l #	51
31) Cyclohexane	5.556	56	2358	1.270	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8577	4.978	ug/l #	46
37) Ethyl Acetate	4.714	43	18998	12.638	ug/l	100
38) Carbon Tetrachloride	5.550	117	12018	6.287	ug/l #	16
41) Methacrylonitrile	5.056	41	207	0.245	ug/l #	21
43) Isopropyl Acetate	6.342	43	85774	34.500	ug/l	99
48) Methyl methacrylate	7.799	41	78114	61.039	ug/l #	43
49) 1,4-Dioxane	7.799	88	71	3.014	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	72699	47.388	ug/l #	49
53) t-1,3-Dichloropropene	8.957	75	637	1.836	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	34123	17.583	ug/l #	57
56) Ethyl methacrylate	9.244	69	640	0.359	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4200	2.010	ug/l #	42
59) 2-Hexanone	9.482	43	60502	53.386	ug/l #	52
67) Ethyl Benzene	10.195	91	1256	0.201	ug/l #	84
68) m/p-Xylenes	10.299	106	870	0.356	ug/l	85
74) N-amyl acetate	10.640	43	23897	12.519	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	33224	22.340	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33224	72.616	ug/l #	6

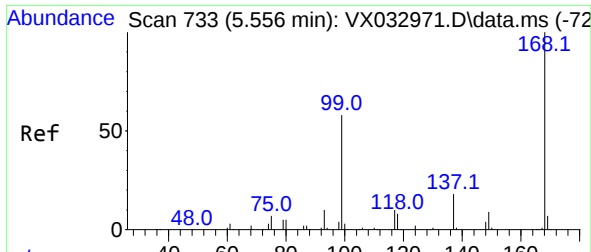
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
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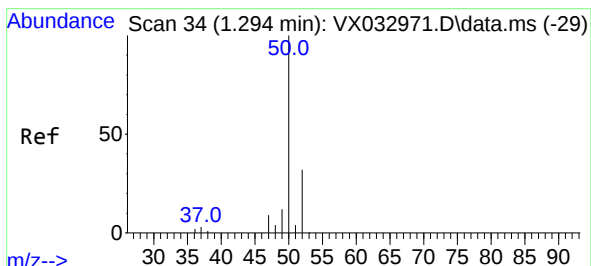
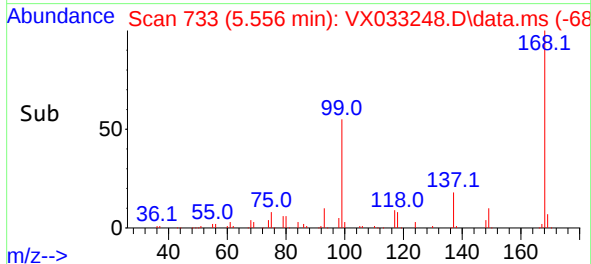
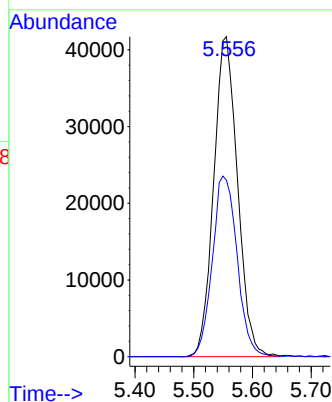
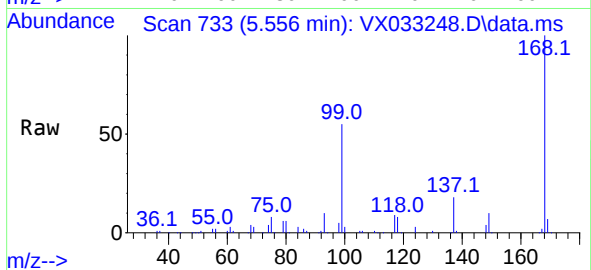




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

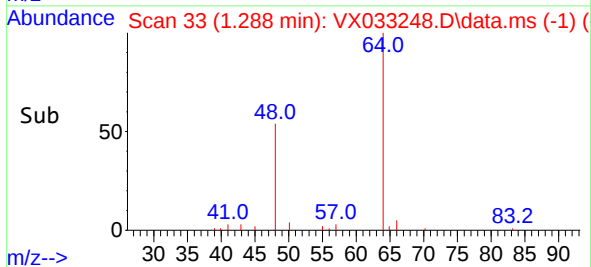
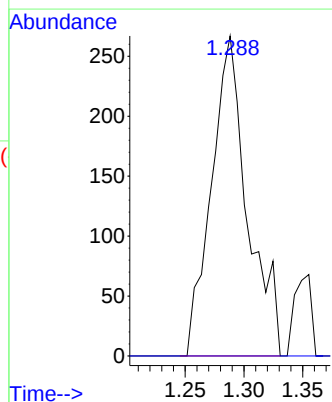
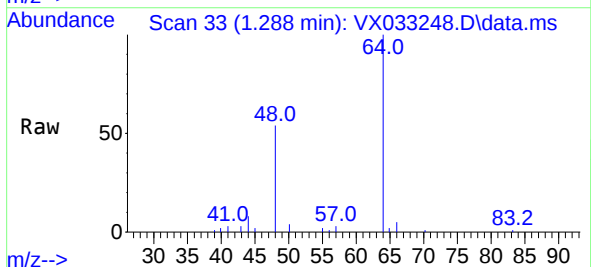
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

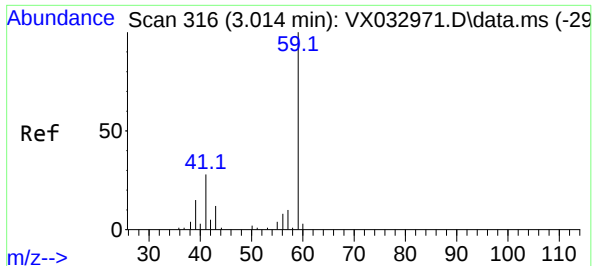
Tgt Ion:168 Resp: 117647
Ion Ratio Lower Upper
168 100
99 55.2 46.1 69.1



#3
Chloromethane
Concen: 0.590 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 50 Resp: 572
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

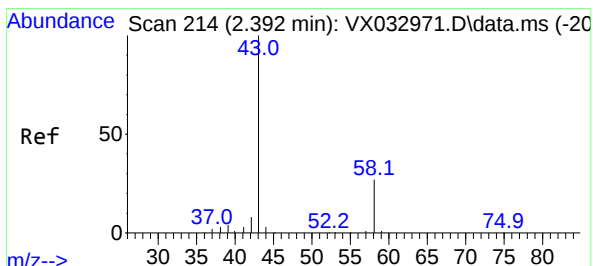
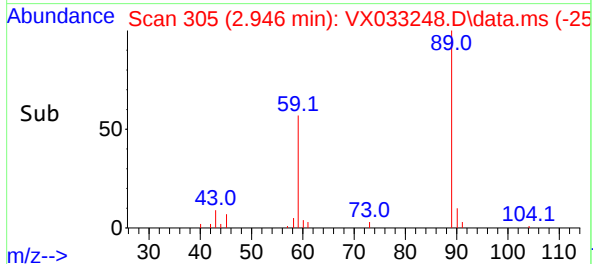
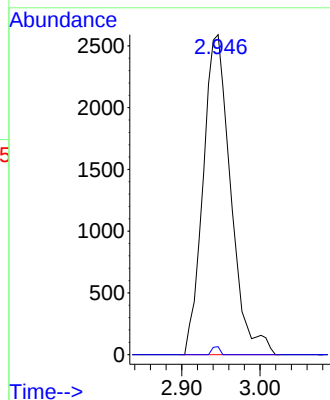
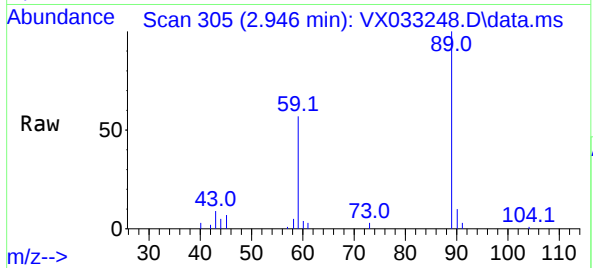




#11
Tert butyl alcohol
Concen: 34.947 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

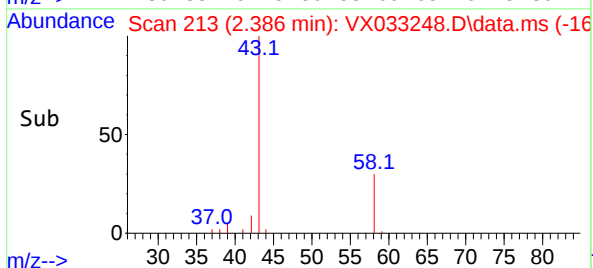
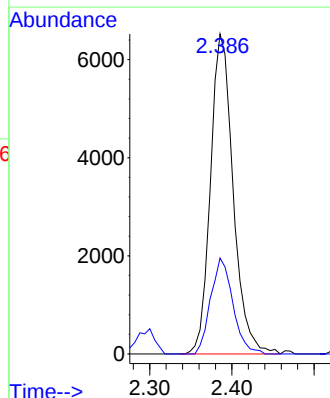
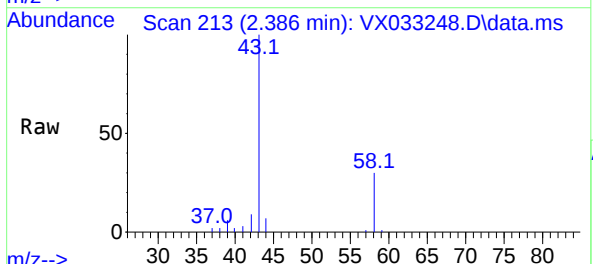
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

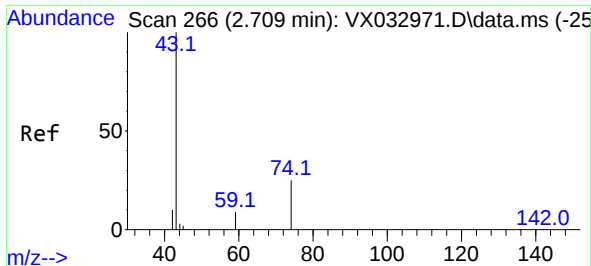
Tgt Ion: 59 Resp: 6347
Ion Ratio Lower Upper
59 100
57 0.7 8.2 12.4#



#16
Acetone
Concen: 23.369 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 43 Resp: 12504
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.8





#18

Methyl Acetate

Concen: 1.020 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX033248.D

Acq: 05 Dec 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

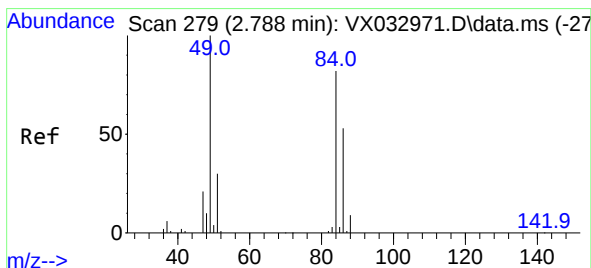
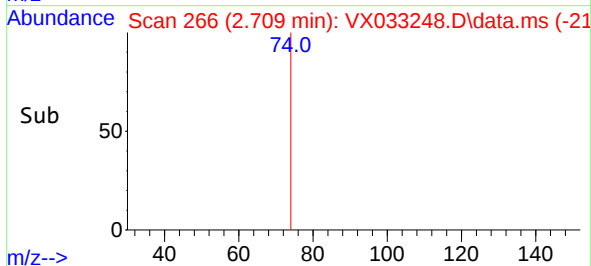
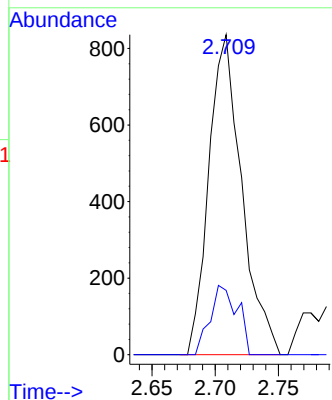
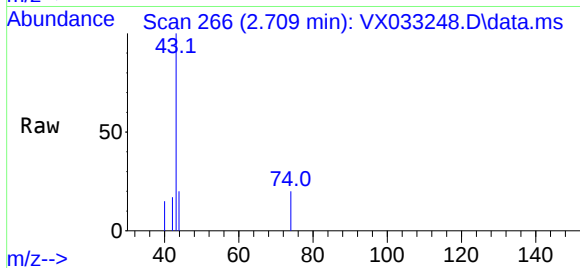
PB149407ZHE#06

Tgt Ion: 43 Resp: 1511

Ion Ratio Lower Upper

43 100

74 18.0 19.4 29.0#



#20

Methylene Chloride

Concen: 2.351 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033248.D

Acq: 05 Dec 2022 23:54

Tgt Ion: 84 Resp: 3994

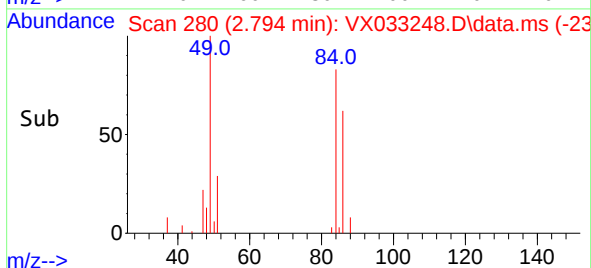
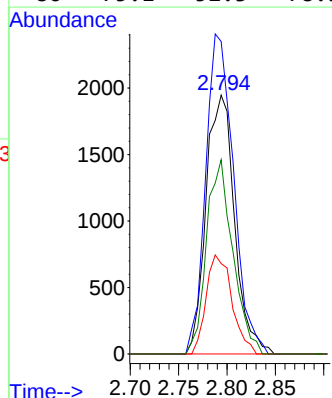
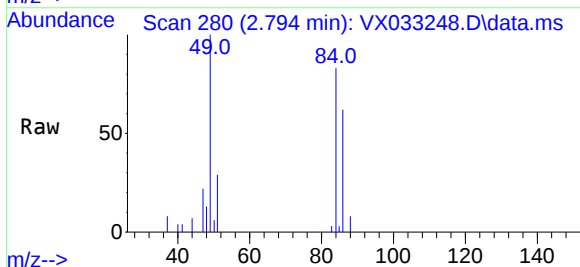
Ion Ratio Lower Upper

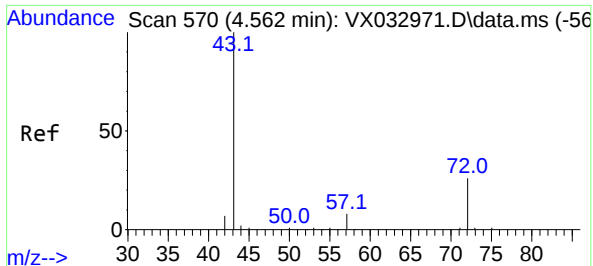
84 100

49 120.8 101.0 151.6

51 34.9 31.1 46.7

86 75.1 52.3 78.5





#25

2-Butanone

Concen: 1.778 ug/l

RT: 4.592 min Scan# 51

Delta R.T. 0.036 min

Lab File: VX033248.D

Acq: 05 Dec 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

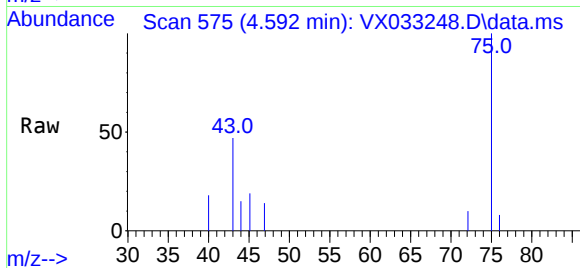
PB149407ZHE#06

Tgt Ion: 43 Resp: 1312

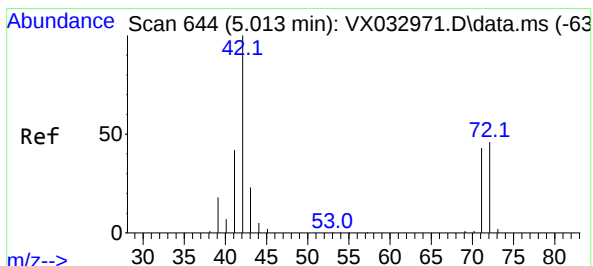
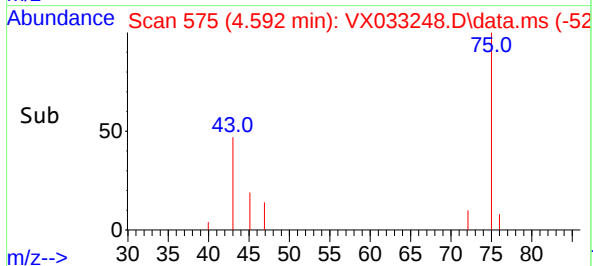
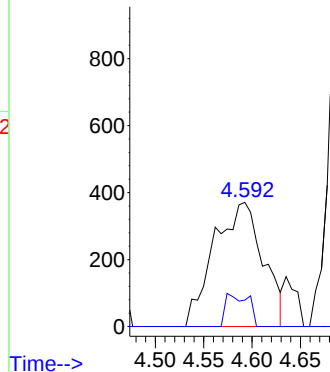
Ion Ratio Lower Upper

43 100

72 21.3 22.2 33.2#



Abundance



#29

Tetrahydrofuran

Concen: 0.320 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.018 min

Lab File: VX033248.D

Acq: 05 Dec 2022 23:54

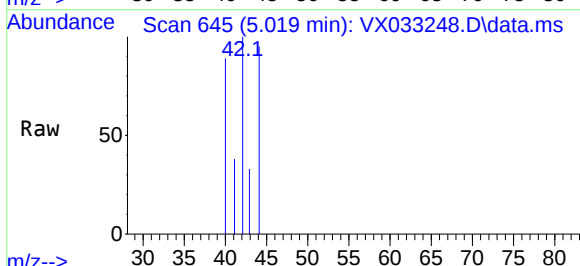
Tgt Ion: 42 Resp: 150

Ion Ratio Lower Upper

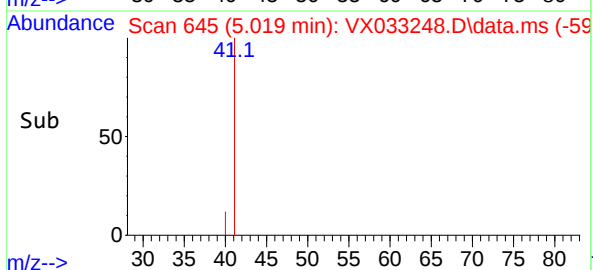
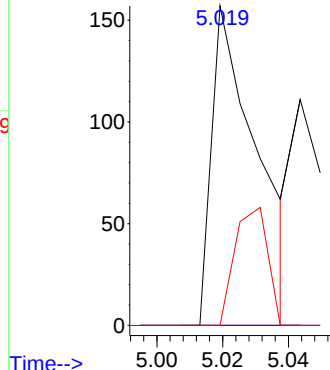
42 100

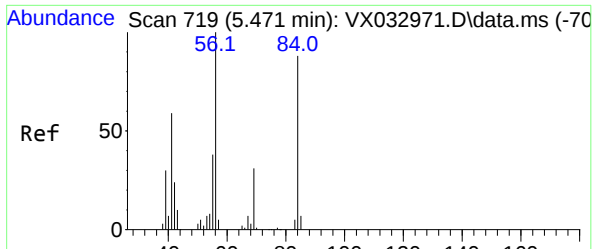
72 0.0 37.6 56.4#

71 26.7 34.7 52.1#



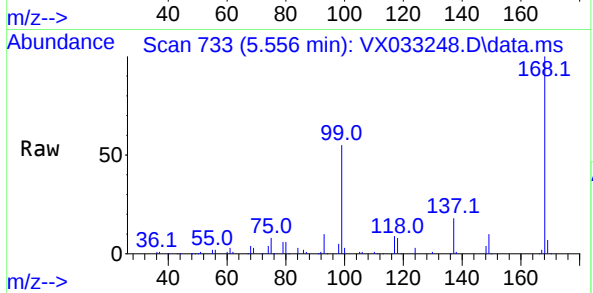
Abundance



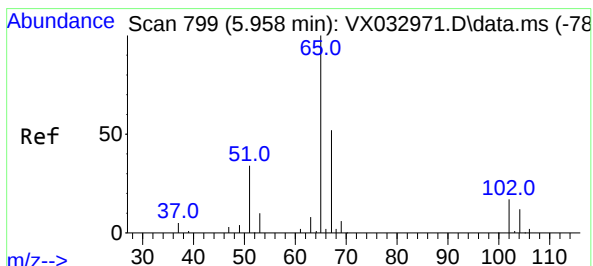
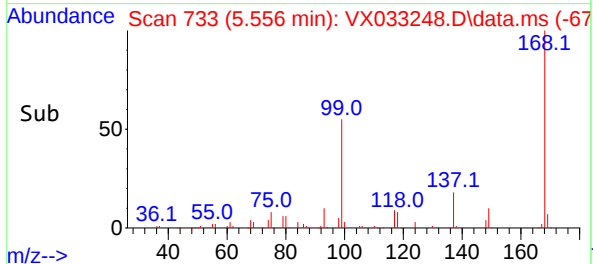
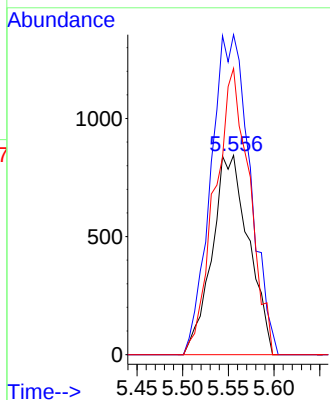


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

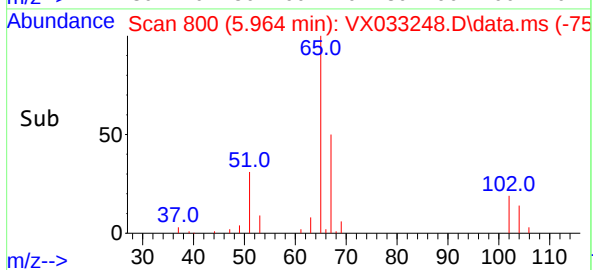
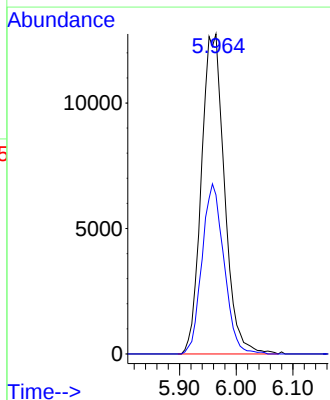
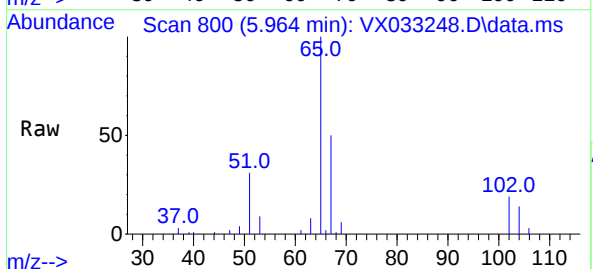


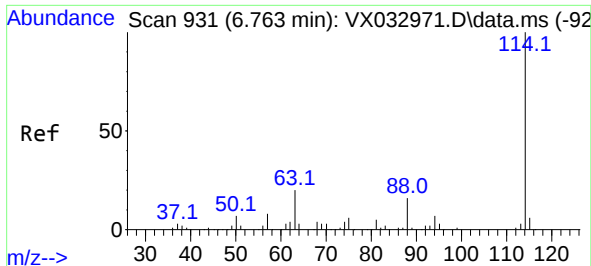
Tgt Ion: 56 Resp: 2358
Ion Ratio Lower Upper
56 100
69 160.5 24.1 36.1#
84 143.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 30.115 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 65 Resp: 36052
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

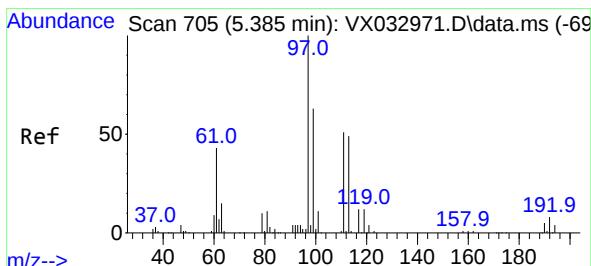
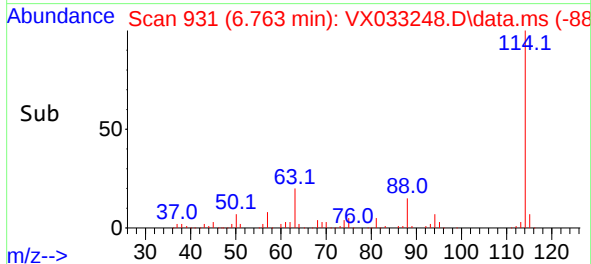
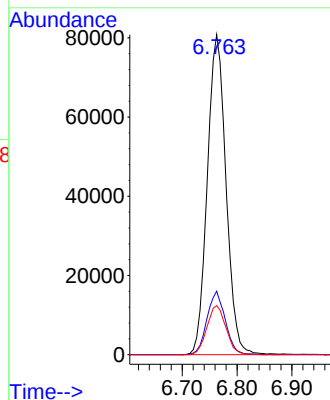
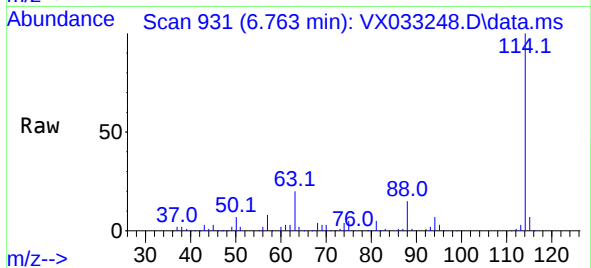




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

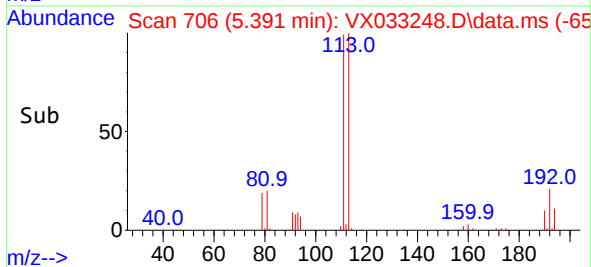
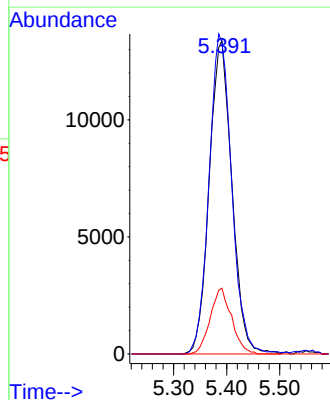
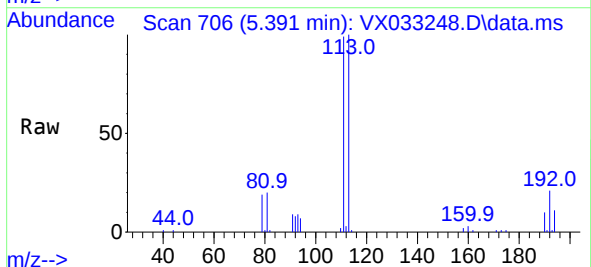
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

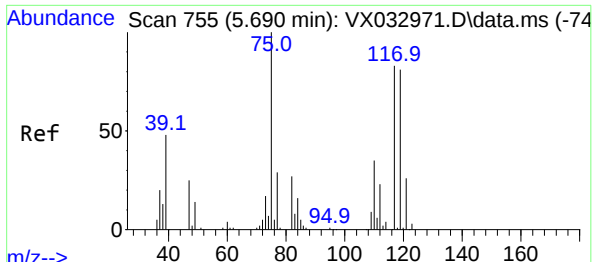
Tgt Ion:114 Resp: 191151
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 36.746 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion:113 Resp: 39599
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.8 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.978 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033248.D

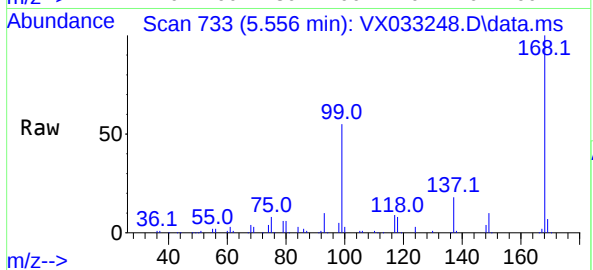
Acq: 05 Dec 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

PB149407ZHE#06



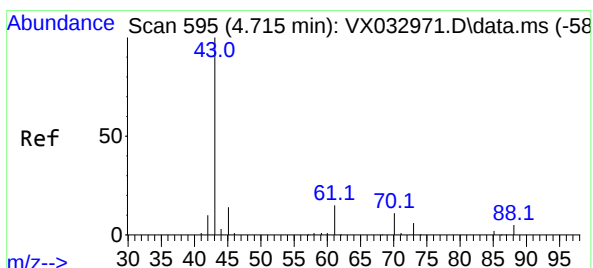
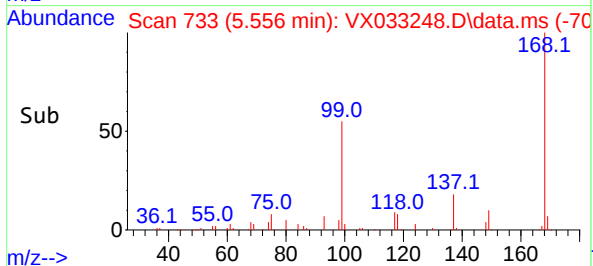
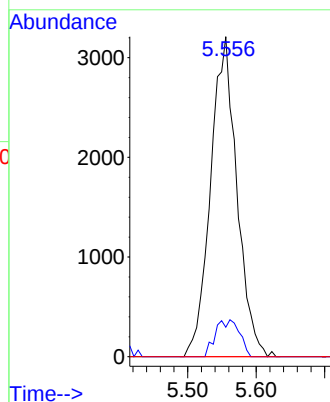
Tgt Ion: 75 Resp: 8577

Ion Ratio Lower Upper

75 100

110 5.3 18.4 55.2#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: 12.638 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX033248.D

Acq: 05 Dec 2022 23:54

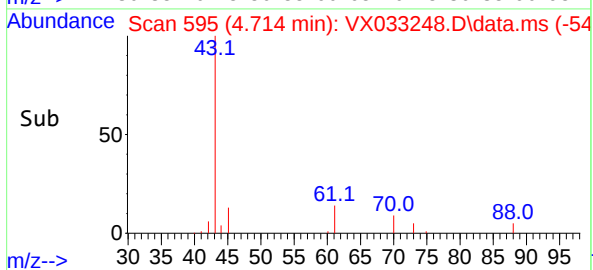
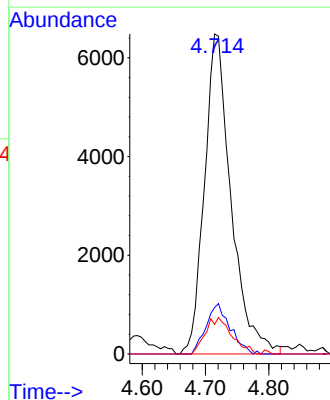
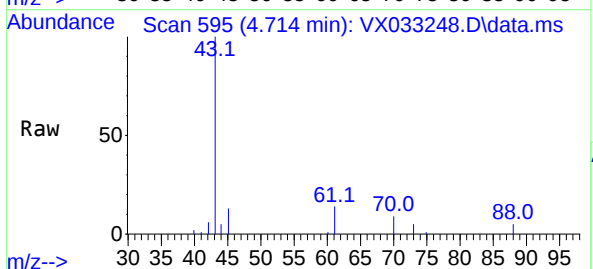
Tgt Ion: 43 Resp: 18998

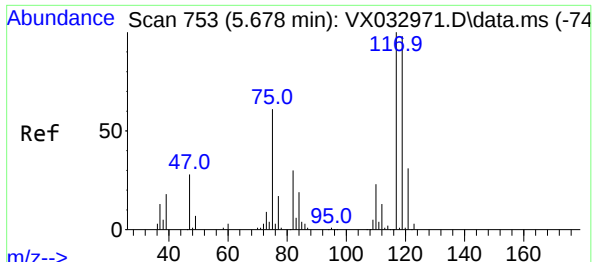
Ion Ratio Lower Upper

43 100

61 14.2 11.5 17.3

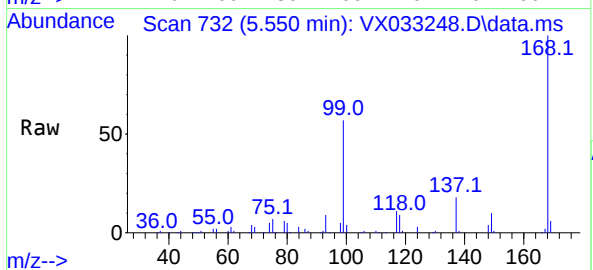
70 11.2 9.1 13.7



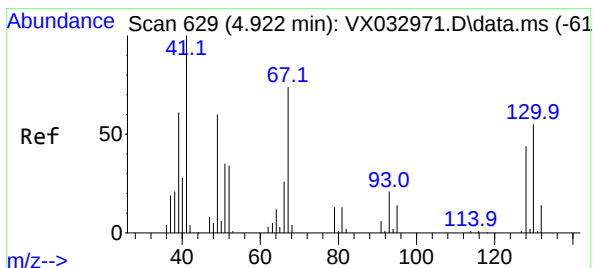
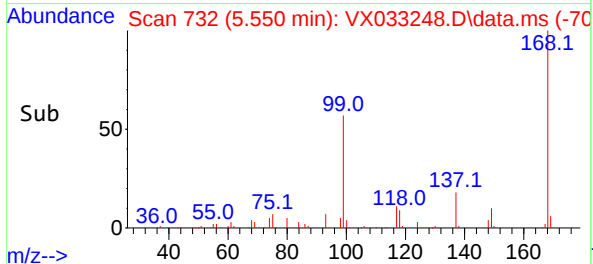
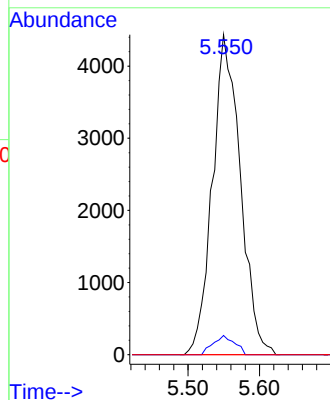


#38
Carbon Tetrachloride
Concen: 6.287 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

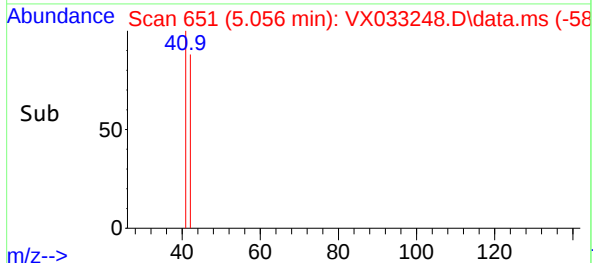
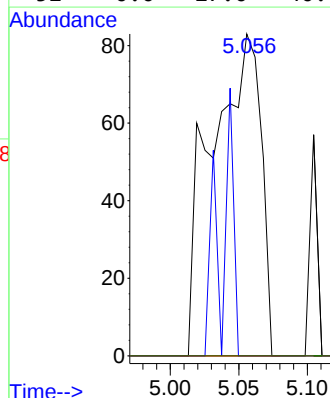
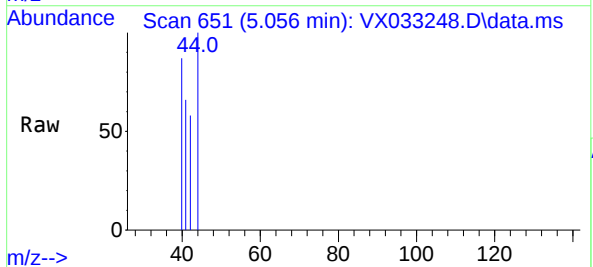


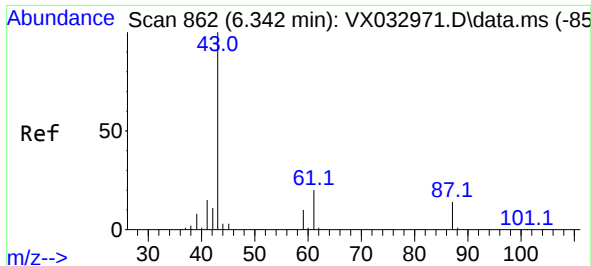
Tgt Ion:117 Resp: 12018
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 25.8 38.6#



#41
Methacrylonitrile
Concen: 0.245 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.134 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 41 Resp: 207
Ion Ratio Lower Upper
41 100
39 0.0 47.5 71.3#
67 0.0 60.5 90.7#
52 0.0 27.0 40.6#

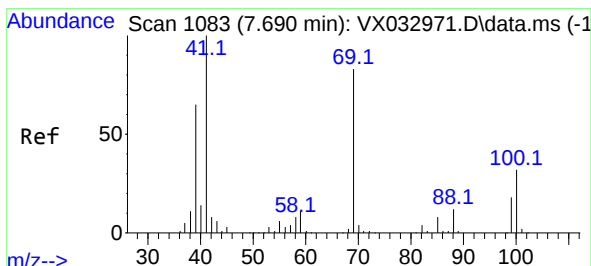
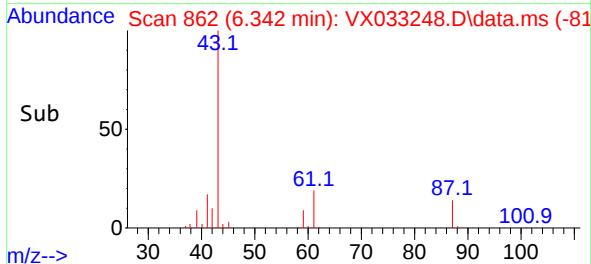
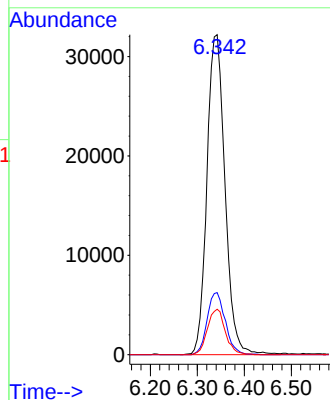
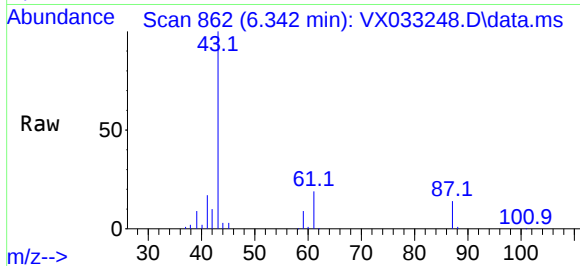




#43
Isopropyl Acetate
Concen: 34.500 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

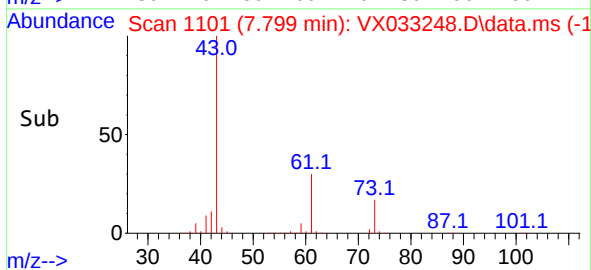
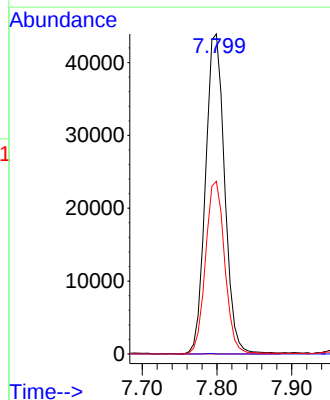
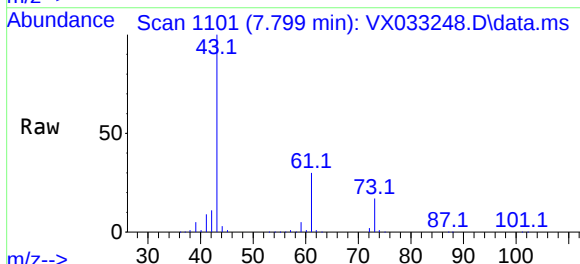
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

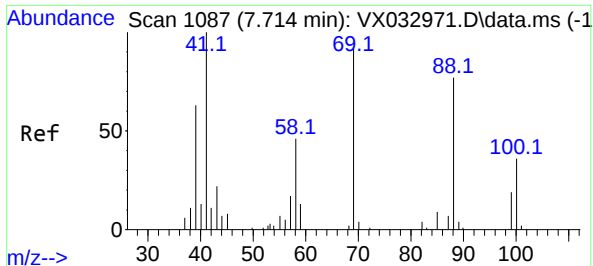
Tgt Ion: 43 Resp: 85774
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.0
87 14.1 10.8 16.2



#48
Methyl methacrylate
Concen: 61.039 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 41 Resp: 78114
Ion Ratio Lower Upper
41 100
69 0.1 65.1 97.7#
39 54.1 51.9 77.9

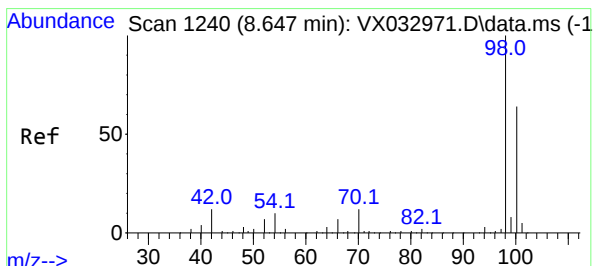
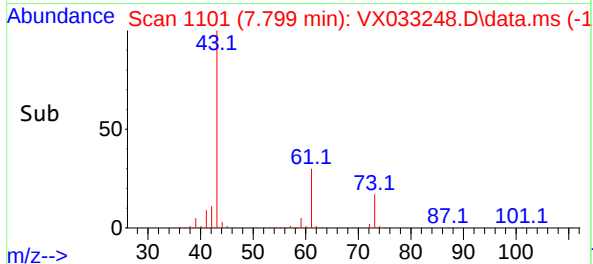
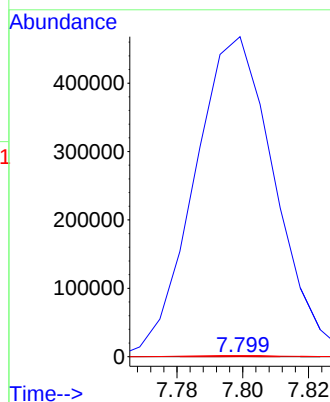
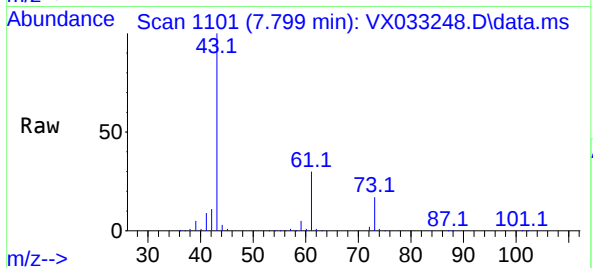




#49
1,4-Dioxane
Concen: 3.014 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.128 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

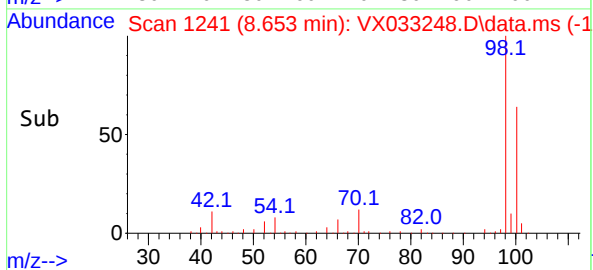
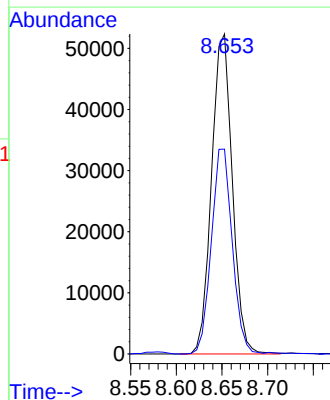
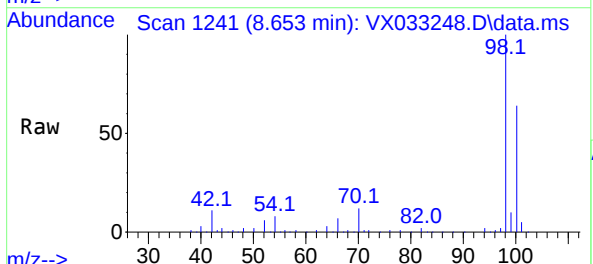
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

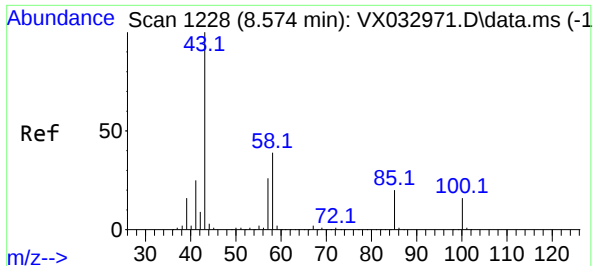
Tgt Ion: 88 Resp: 71
Ion Ratio Lower Upper
88 100
43 1136643.7 26.6 39.8#
58 4564.8 51.7 77.5#



#50
Toluene-d8
Concen: 24.352 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 98 Resp: 82549
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 47.388 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX033248.D

Acq: 05 Dec 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

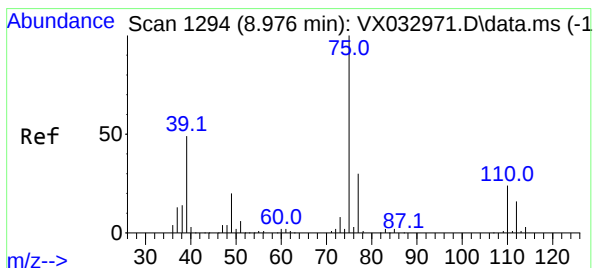
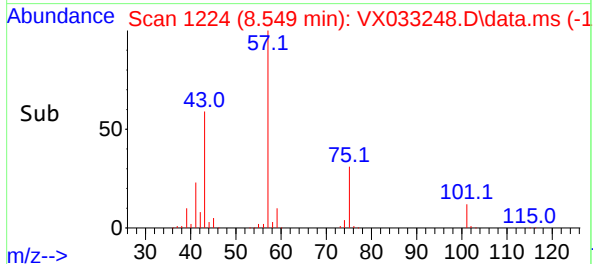
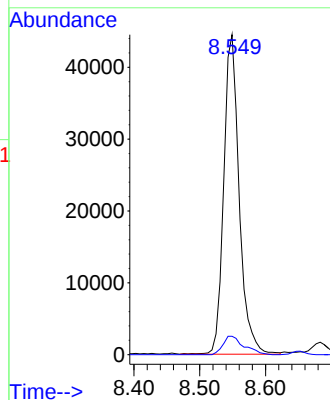
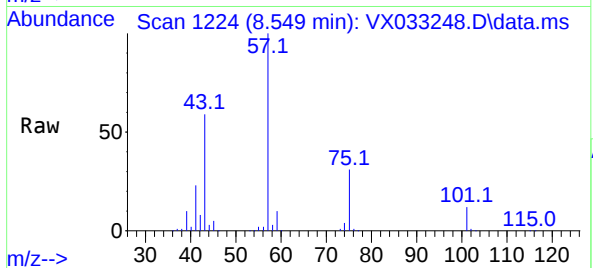
PB149407ZHE#06

Tgt Ion: 43 Resp: 72699

Ion Ratio Lower Upper

43 100

58 7.8 30.9 46.3#



#53

t-1,3-Dichloropropene

Concen: 1.836 ug/l

RT: 8.957 min Scan# 1291

Delta R.T. -0.024 min

Lab File: VX033248.D

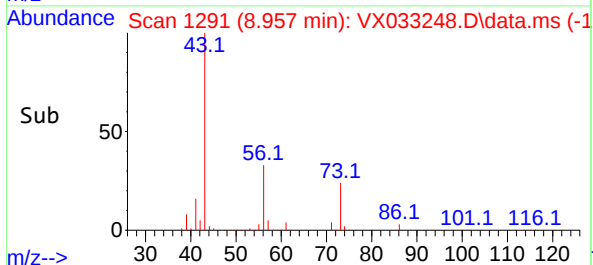
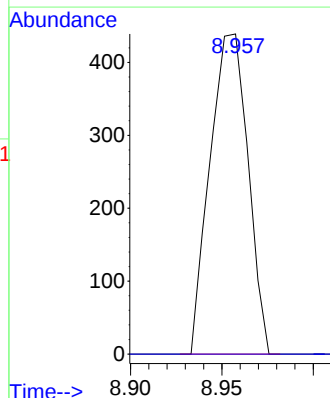
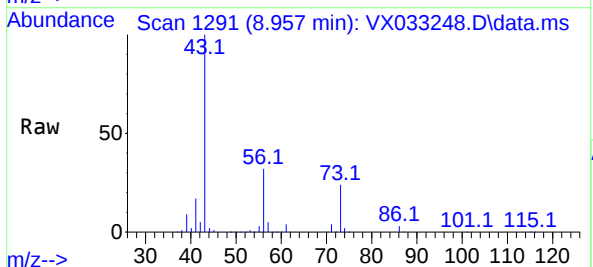
Acq: 05 Dec 2022 23:54

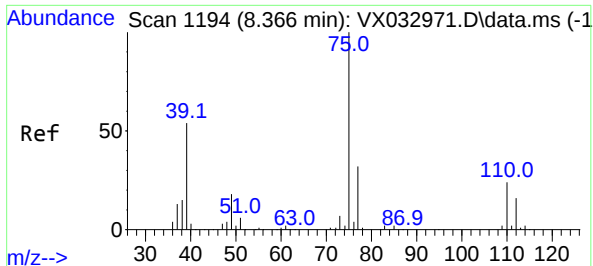
Tgt Ion: 75 Resp: 637

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

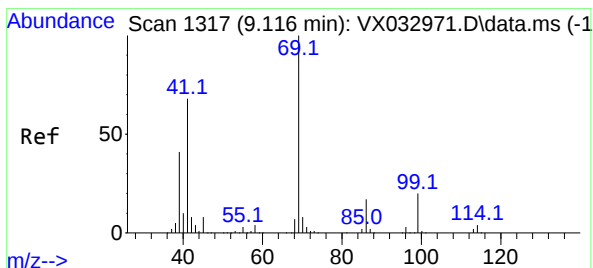
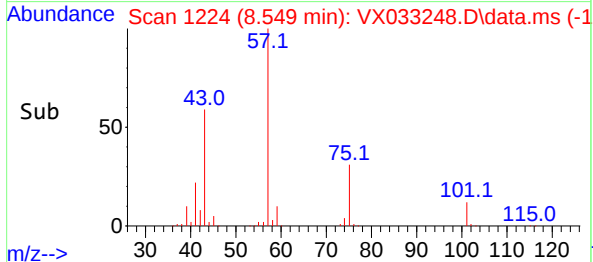
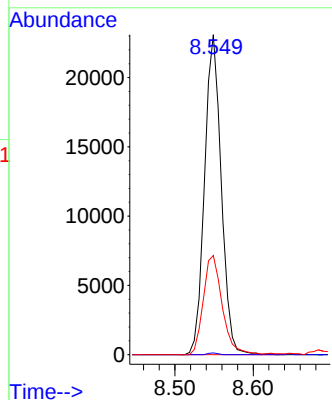
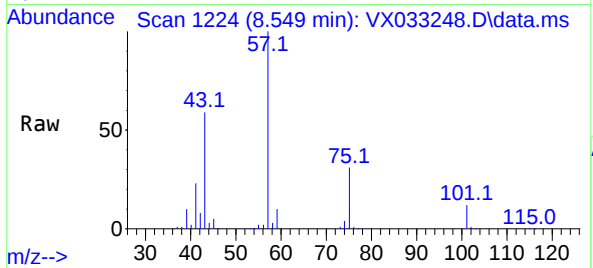




#54
cis-1,3-Dichloropropene
Concen: 17.583 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

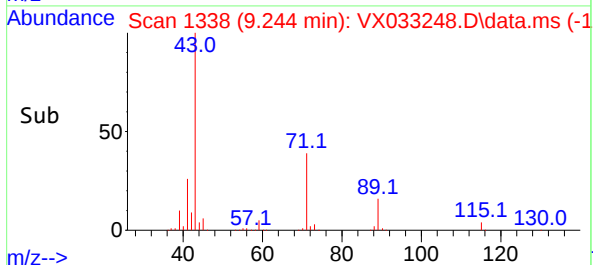
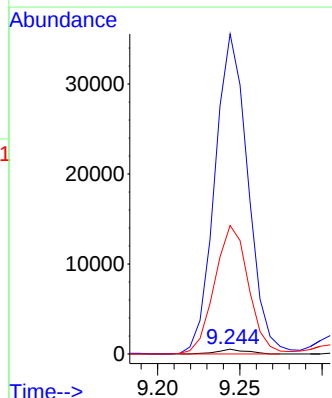
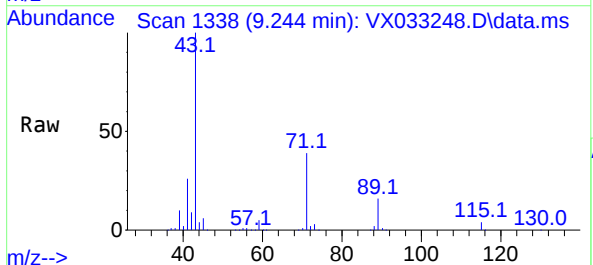
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

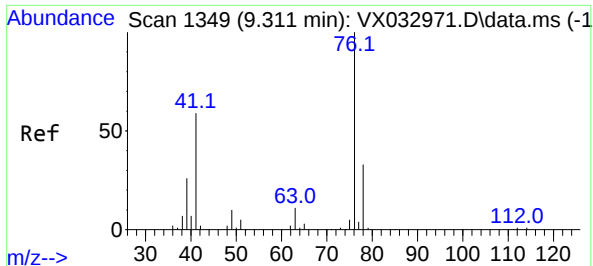
Tgt Ion: 75 Resp: 34123
Ion Ratio Lower Upper
75 100
77 0.6 25.1 37.7#
39 31.0 45.5 68.3#



#56
Ethyl methacrylate
Concen: 0.359 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 69 Resp: 640
Ion Ratio Lower Upper
69 100
41 7825.6 54.3 81.5#
39 3212.0 35.2 52.8#

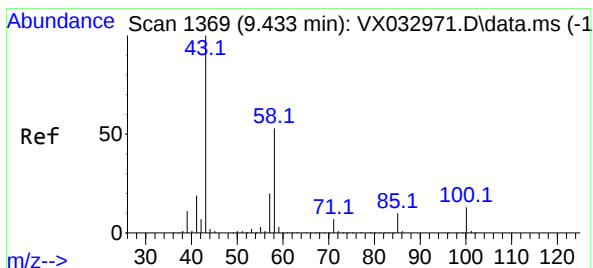
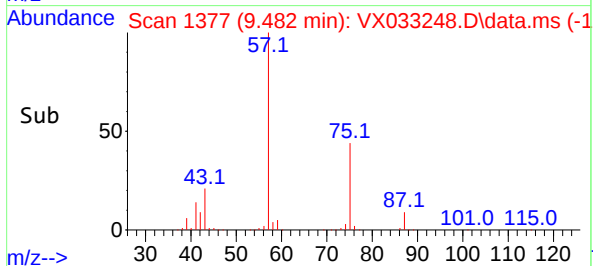
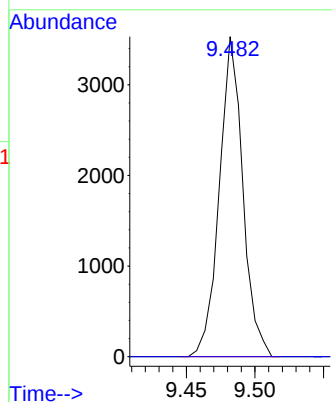
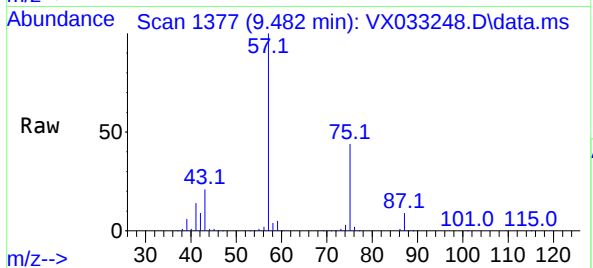




#57
1,3-Dichloropropane
Concen: 2.010 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

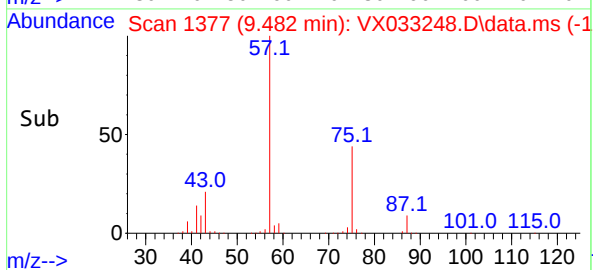
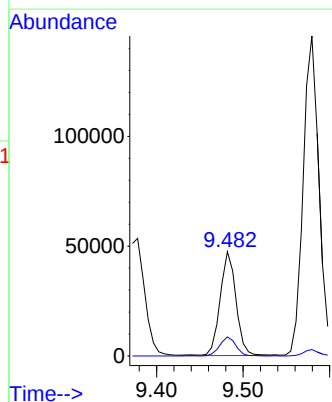
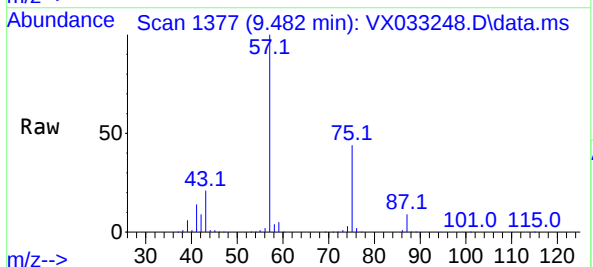
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

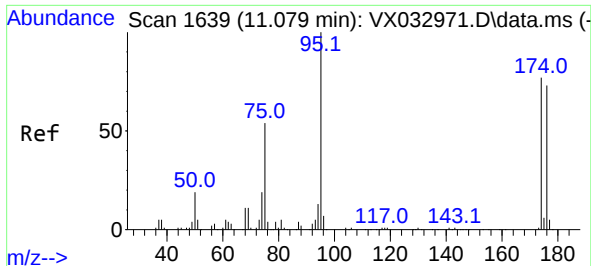
Tgt Ion: 76 Resp: 4200
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#



#59
2-Hexanone
Concen: 53.386 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 43 Resp: 60502
Ion Ratio Lower Upper
43 100
58 18.6 26.5 79.5#

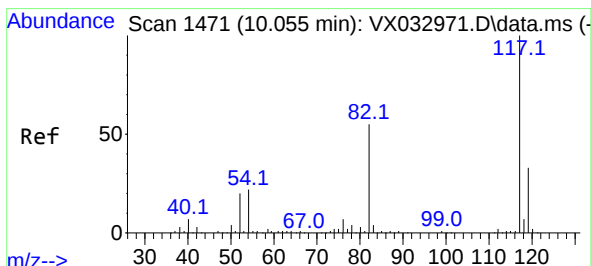
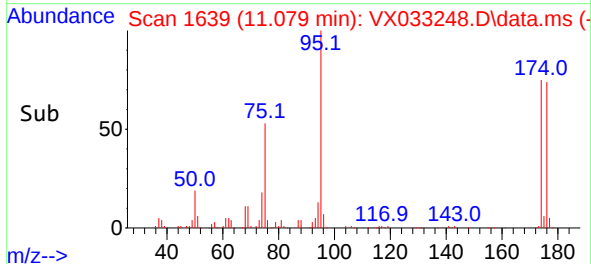
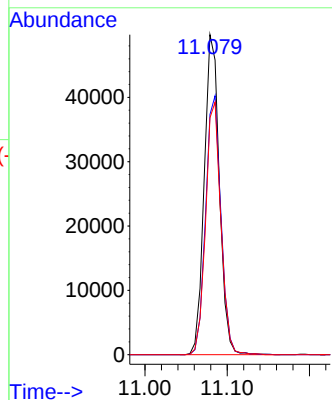
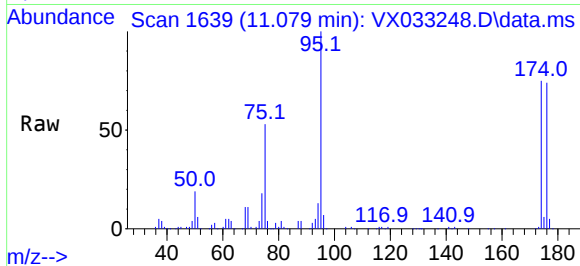




#62
4-Bromofluorobenzene
Concen: 44.882 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

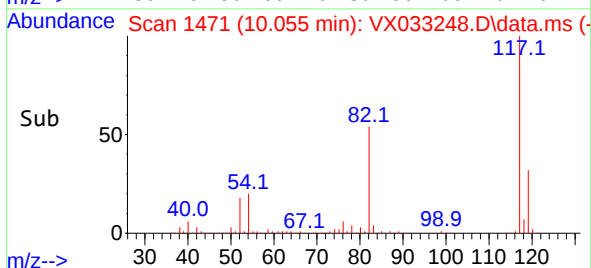
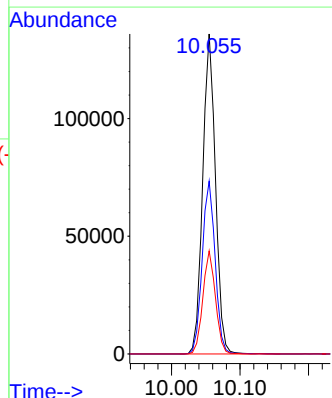
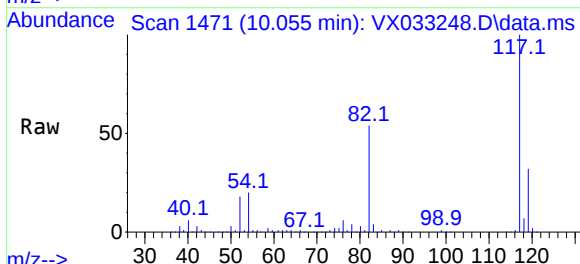
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

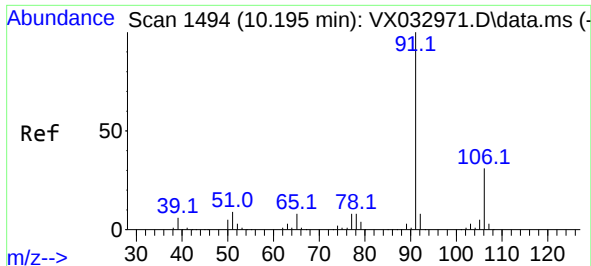
Tgt Ion: 95 Resp: 63534
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 79.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 117 Resp: 176321
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.2 25.7 38.5

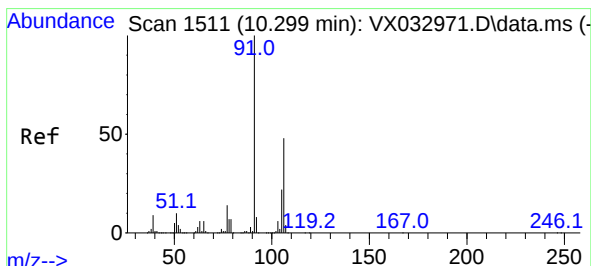
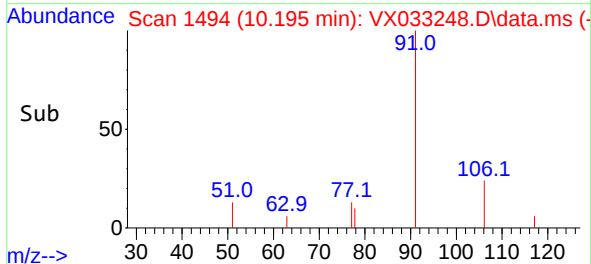
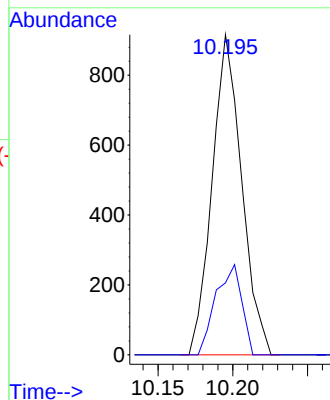
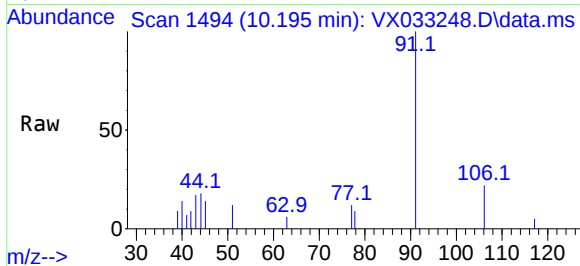




#67
Ethyl Benzene
Concen: 0.201 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

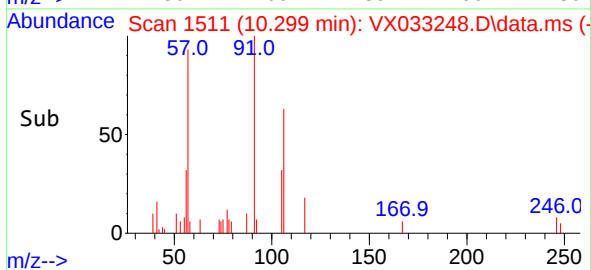
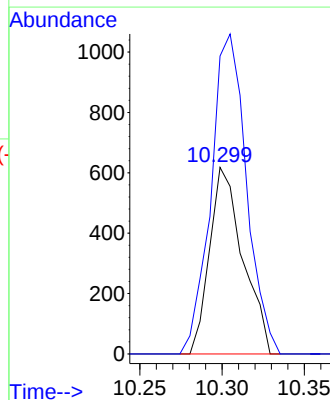
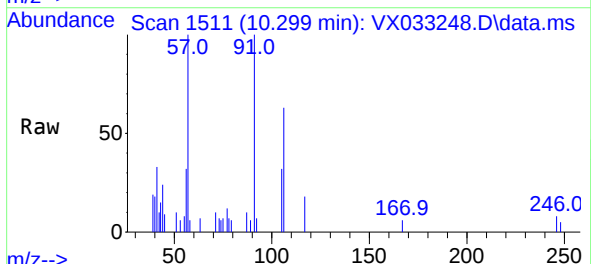
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

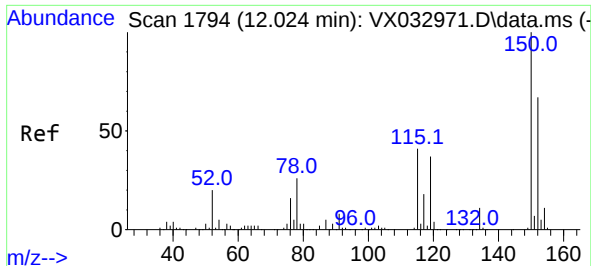
Tgt Ion: 91 Resp: 1256
Ion Ratio Lower Upper
91 100
106 22.5 25.0 37.6#



#68
m/p-Xylenes
Concen: 0.356 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

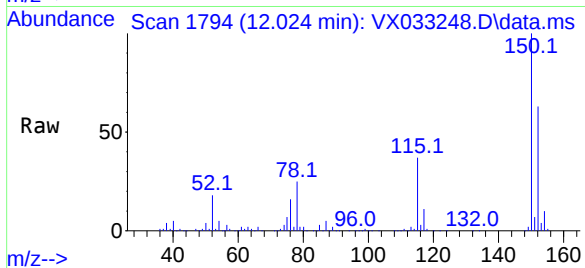
Tgt Ion: 106 Resp: 870
Ion Ratio Lower Upper
106 100
91 182.9 164.5 246.7



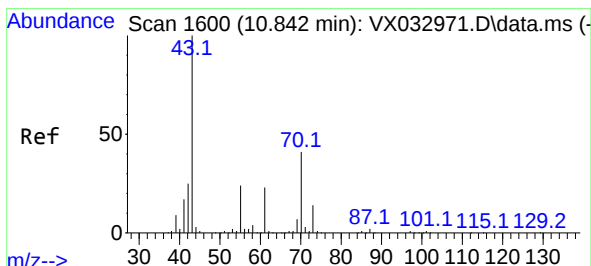
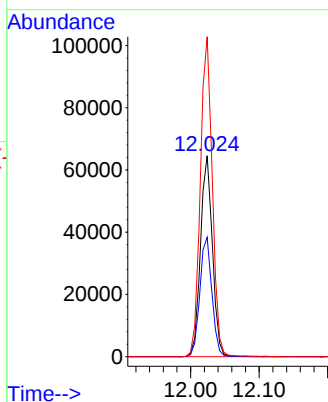
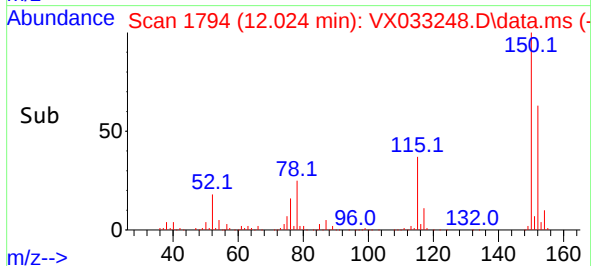


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

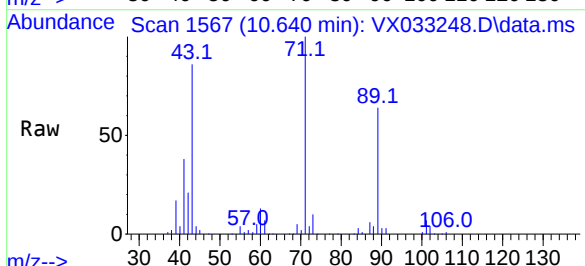
Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06



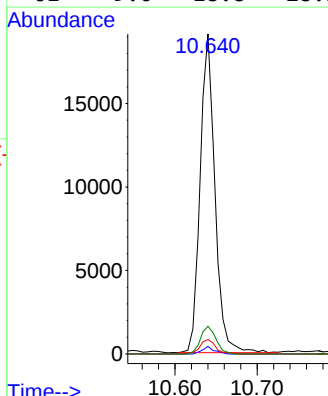
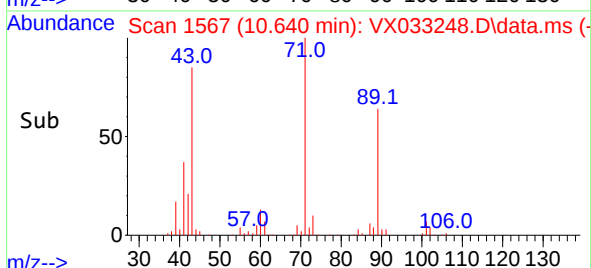
Tgt Ion:152 Resp: 78527
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 159.4 0.0 351.8

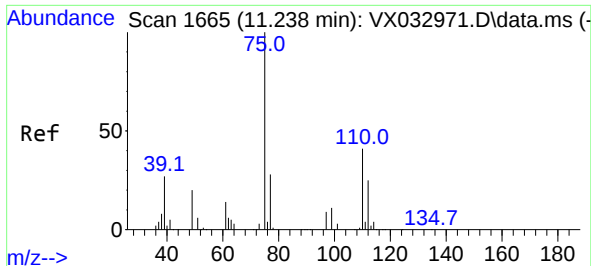


#74
N-ethyl acetate
Concen: 12.519 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54



Tgt Ion: 43 Resp: 23897
Ion Ratio Lower Upper
43 100
70 1.9 33.6 50.4#
55 4.8 19.4 29.2#
61 9.0 18.8 28.2#

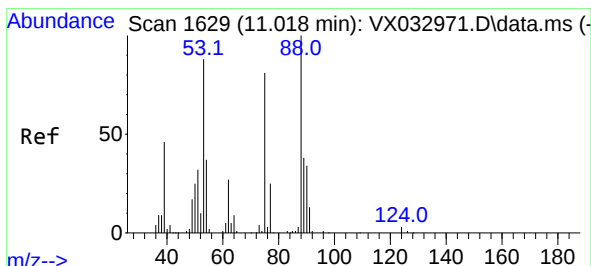
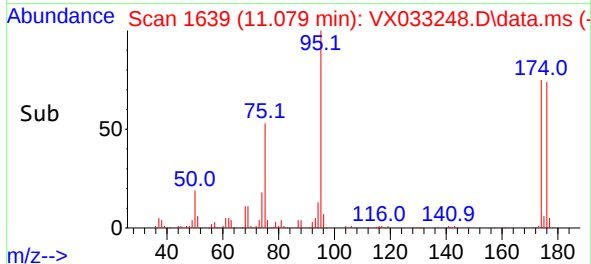
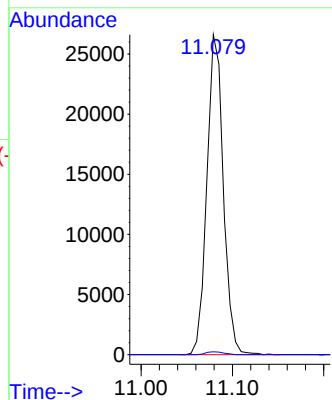
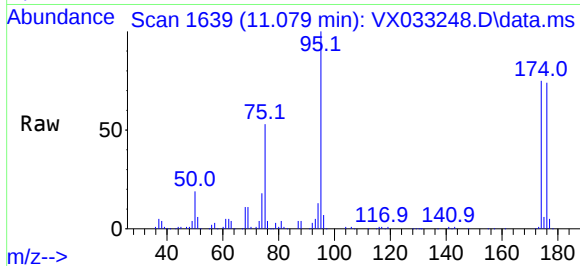




#76
1,2,3-Trichloropropane
Concen: 22.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Instrument :
MSVOA_X
ClientSampleId :
PB149407ZHE#06

Tgt Ion: 75 Resp: 33224
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.616 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033248.D
Acq: 05 Dec 2022 23:54

Tgt Ion: 75 Resp: 33224
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

