

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033519.D
 Acq On : 20 Dec 2022 19:30
 Operator : JC/MD
 Sample : N6149-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-1

Quant Time: Dec 21 04:17:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	155773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.036	152	120289	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43705	43.734	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.460%
35) Dibromofluoromethane	5.385	113	56955	50.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.080%
50) Toluene-d8	8.647	98	117511	49.349	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.085	95	92367	50.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.460%

Target Compounds				Qvalue		
8) Diethyl Ether	2.130	74	738	0.758	ug/l #	1
11) Tert butyl alcohol	2.971	59	210968	690.499	ug/l #	94
13) Acrolein	2.239	56	185	0.558	ug/l #	14
14) Allyl chloride	2.587	41	8440	3.742	ug/l #	68
15) Acrylonitrile	3.111	53	599	0.791	ug/l #	15
16) Acetone	2.380	43	709831	959.902	ug/l	93
17) Carbon Disulfide	2.514	76	893	0.246	ug/l	97
18) Methyl Acetate	2.703	43	120390	56.239	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	42932	8.776	ug/l	97
20) Methylene Chloride	2.794	84	26898	16.310	ug/l #	81
22) Diisopropyl ether	3.703	45	230055	47.612	ug/l #	1
23) Vinyl Acetate	3.696	43	12559	3.349	ug/l #	78
24) 1,1-Dichloroethane	3.703	63	1670	0.588	ug/l #	82
25) 2-Butanone	4.556	43	146051	137.593	ug/l #	88
26) 2,2-Dichloropropane	4.361	77	902	0.432	ug/l #	53
29) Tetrahydrofuran	5.013	42	1769	2.572	ug/l #	31
36) 1,1-Dichloropropene	5.556	75	10423	4.697	ug/l #	50
37) Ethyl Acetate	4.556	43	131646	62.754	ug/l #	68
38) Carbon Tetrachloride	5.556	117	14617	5.879	ug/l #	15
40) Benzene	6.050	78	6609	1.021	ug/l	92
43) Isopropyl Acetate	6.342	43	72905	21.599	ug/l	98
45) 1,2-Dichloropropane	7.531	63	832	0.503	ug/l #	76
48) Methyl methacrylate	7.690	41	46602	26.751	ug/l #	33
49) 1,4-Dioxane	7.702	88	7037	177.145	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	90049	42.186	ug/l #	83
52) Toluene	8.720	92	288717	69.012	ug/l	98
53) t-1,3-Dichloropropene	8.903	75	308047	113.351	ug/l #	44
54) cis-1,3-Dichloropropene	8.330	75	621	0.237	ug/l #	1
56) Ethyl methacrylate	9.049	69	46561	18.805	ug/l #	22
58) 2-Chloroethyl Vinyl ether	8.336	63	784	0.692	ug/l	96
59) 2-Hexanone	9.488	43	30891	19.638	ug/l	64
67) Ethyl Benzene	10.195	91	657569	82.881	ug/l	99
68) m/p-Xylenes	10.305	106	1930924	625.533	ug/l	92
69) o-Xylene	10.646	106	1114846	365.384	ug/l	93
70) Styrene	10.646	104	54409	10.888	ug/l #	1
73) Isopropylbenzene	10.963	105	16921	1.941	ug/l	99

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

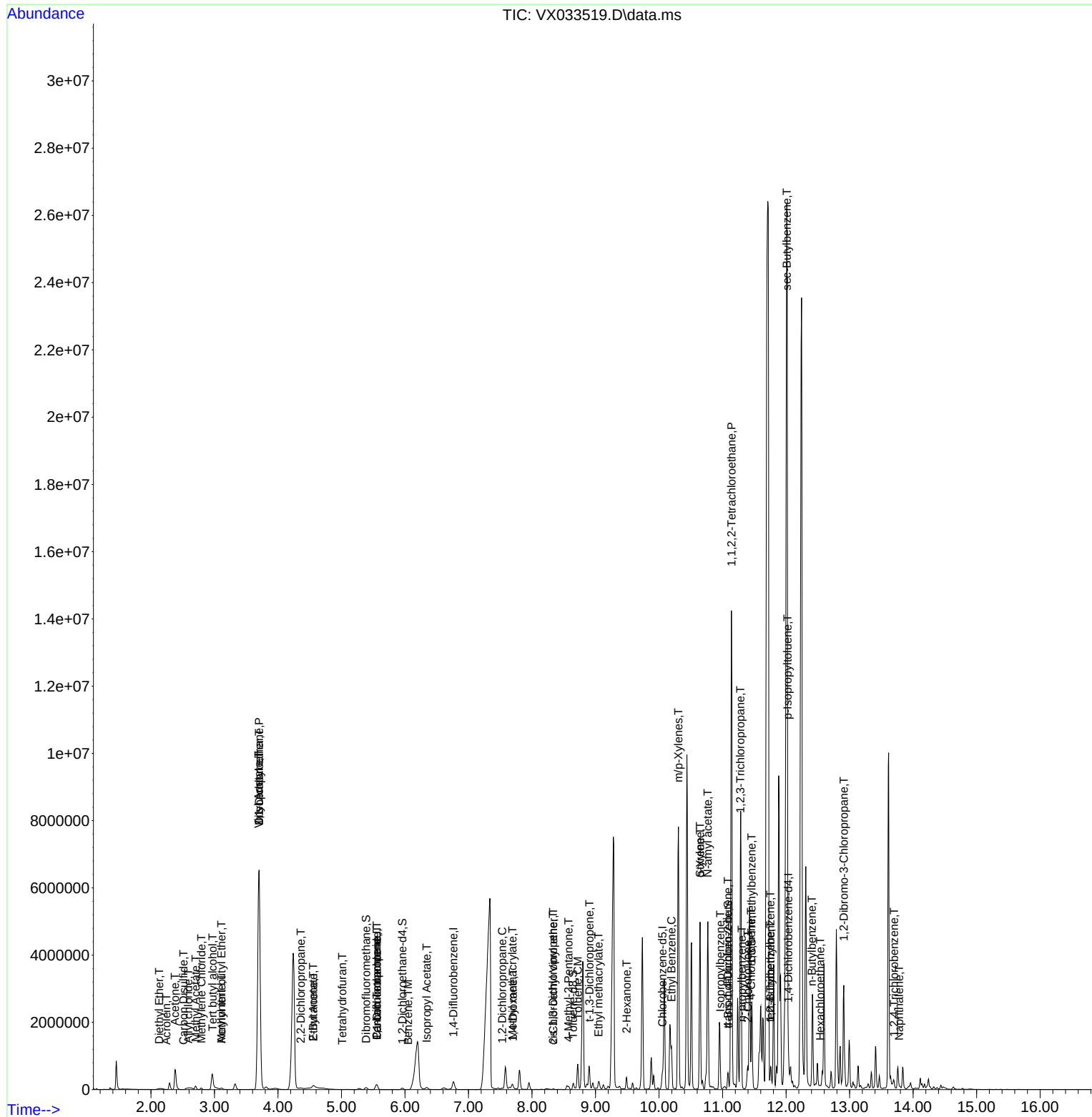
74) N-amyl acetate	10.768	43	585540	196.843	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.140	83	21157	7.649	ug/l #	1
76) 1,2,3-Trichloropropane	11.281	75	3553	1.452	ug/l #	1
78) n-propylbenzene	11.305	91	31670	3.253	ug/l	77
79) 2-Chlorotoluene	11.396	91	26006	4.323	ug/l #	1
80) 1,3,5-Trimethylbenzene	11.457	105	41202	5.677	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.085	75	48480	61.621	ug/l #	6
82) 4-Chlorotoluene	11.451	91	4623	0.661	ug/l #	45
83) tert-Butylbenzene	11.756	119	19629	2.712	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.756	105	220384	30.421	ug/l	85
85) sec-Butylbenzene	12.012	105	22335	2.645	ug/l #	68
86) p-Isopropyltoluene	12.024	119	4484	0.616	ug/l #	1
89) n-Butylbenzene	12.408	91	4189	0.703	ug/l	91
90) Hexachloroethane	12.536	117	1913	1.546	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.908	75	7266	12.162	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.701	180	1193	0.495	ug/l #	14
95) Naphthalene	13.780	128	45868	5.710	ug/l #	86

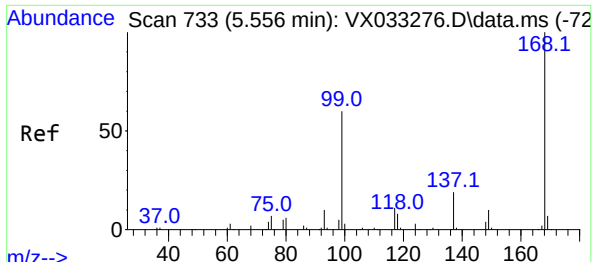
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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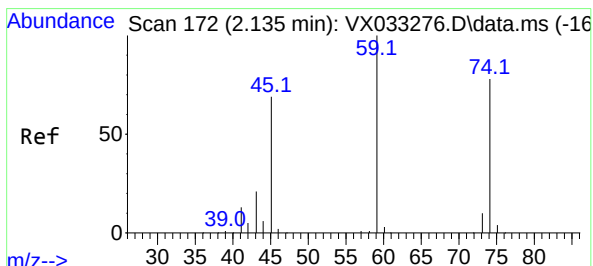
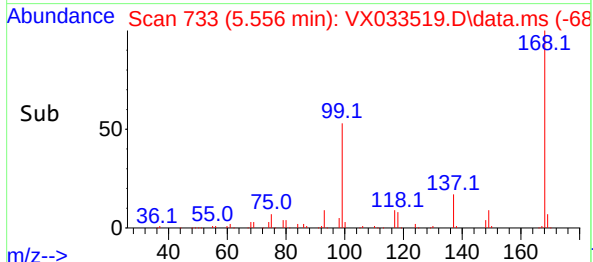
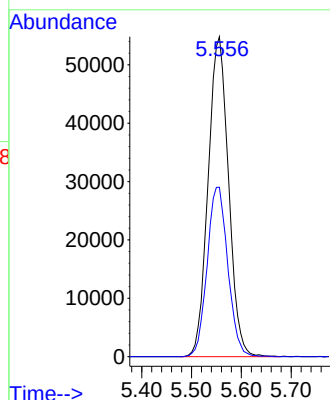
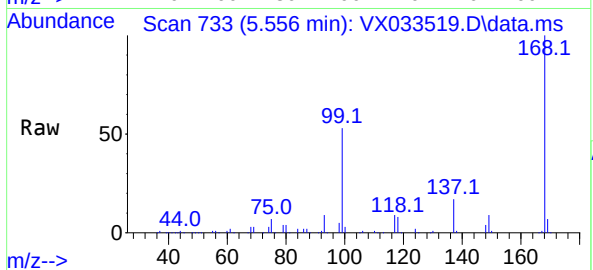




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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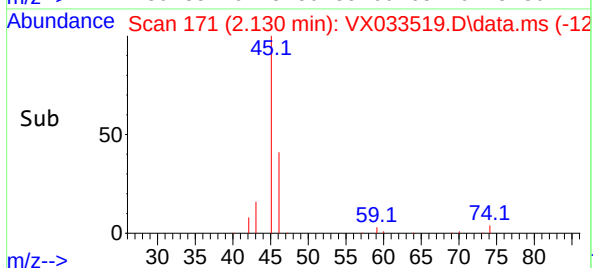
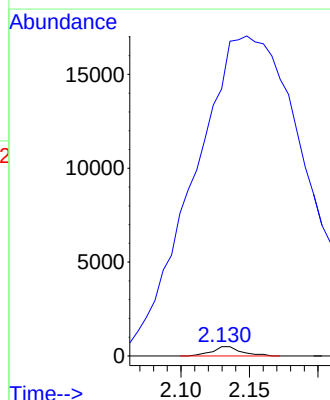
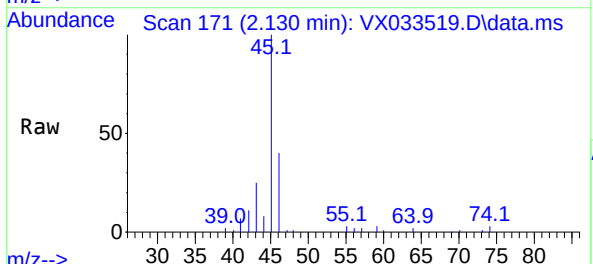
Instrument :
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ClientSampleId :
WEST-1

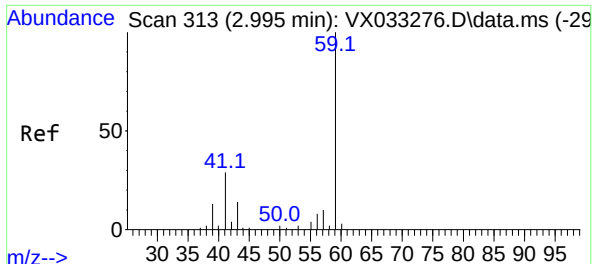
Tgt Ion:168 Resp: 155773
Ion Ratio Lower Upper
168 100
99 53.0 46.1 69.1



#8
Diethyl Ether
Concen: 0.758 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 74 Resp: 738
Ion Ratio Lower Upper
74 100
45 13586.9 46.6 139.7#





#11

Tert butyl alcohol

Concen: 690.499 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.024 min

Lab File: VX033519.D

Acq: 20 Dec 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

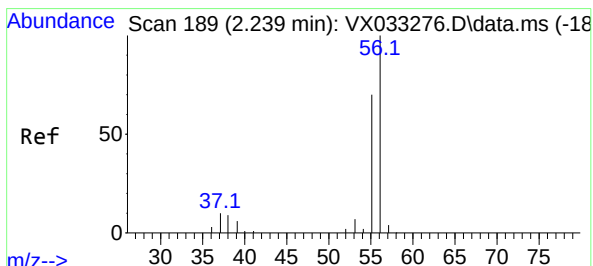
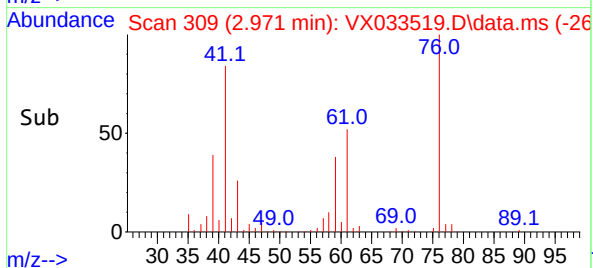
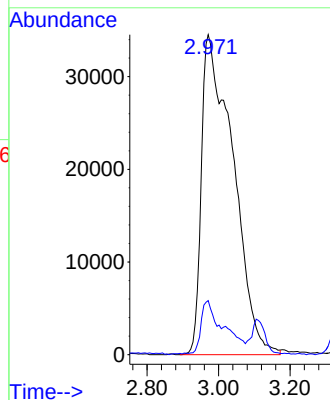
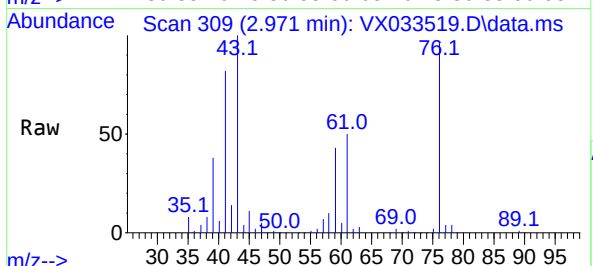
WEST-1

Tgt Ion: 59 Resp: 210968

Ion Ratio Lower Upper

59 100

57 12.4 8.2 12.4#



#13

Acrolein

Concen: 0.558 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX033519.D

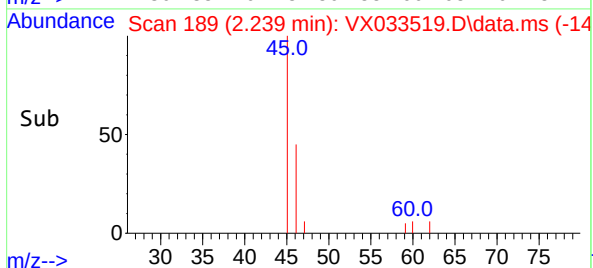
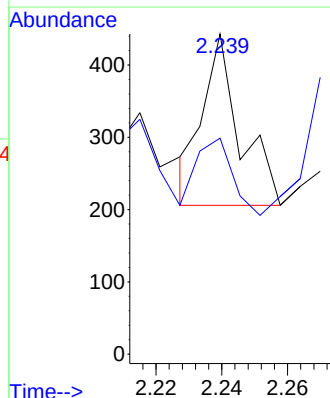
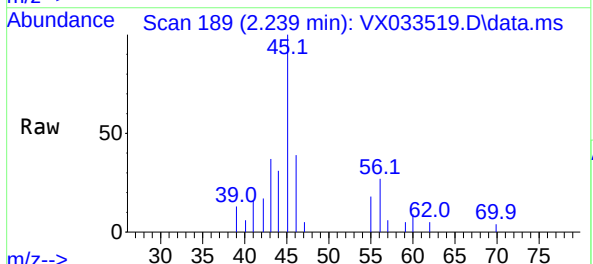
Acq: 20 Dec 2022 19:30

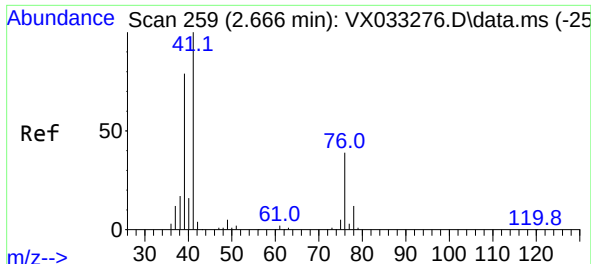
Tgt Ion: 56 Resp: 185

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#

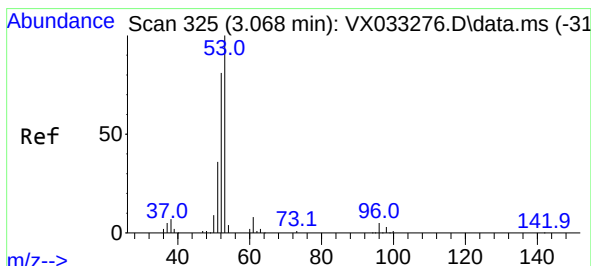
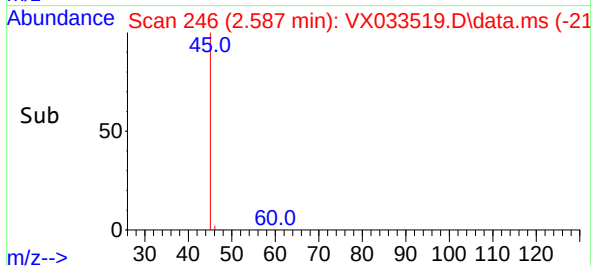
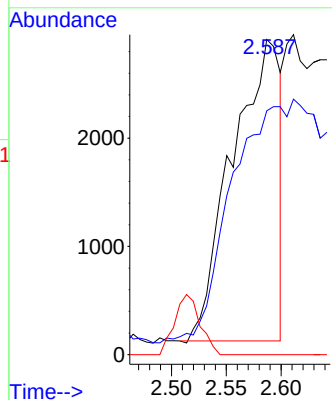
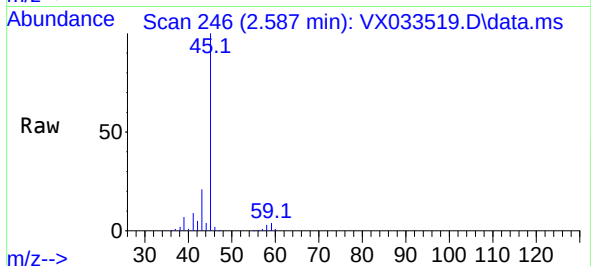




#14
 Allyl chloride
 Concen: 3.742 ug/l
 RT: 2.587 min Scan# 246
 Delta R.T. -0.079 min
 Lab File: VX033519.D
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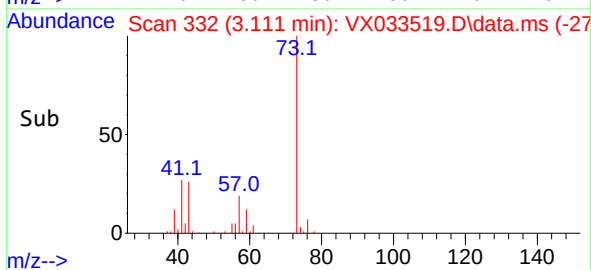
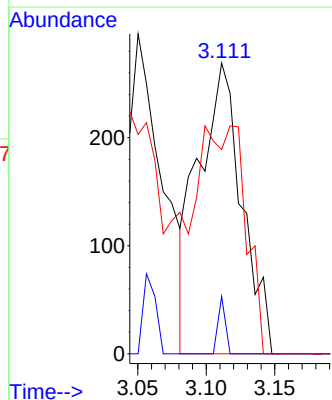
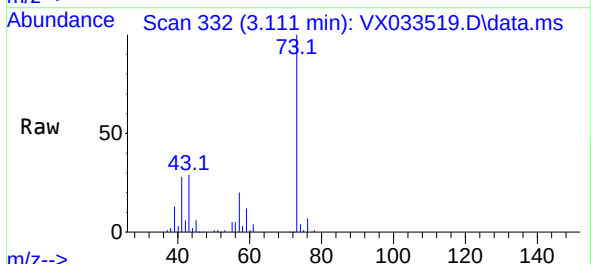
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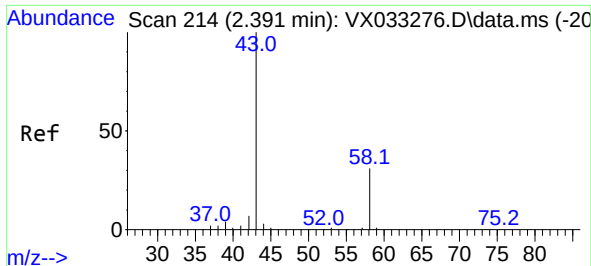
Tgt Ion: 41 Resp: 8440
 Ion Ratio Lower Upper
 41 100
 39 92.9 61.4 92.2#
 76 0.0 29.2 43.8#



#15
 Acrylonitrile
 Concen: 0.791 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. 0.043 min
 Lab File: VX033519.D
 Acq: 20 Dec 2022 19:30

Tgt Ion: 53 Resp: 599
 Ion Ratio Lower Upper
 53 100
 52 3.2 67.4 101.0#
 51 82.8 30.3 45.5#

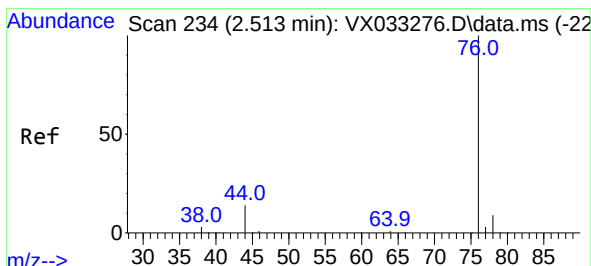
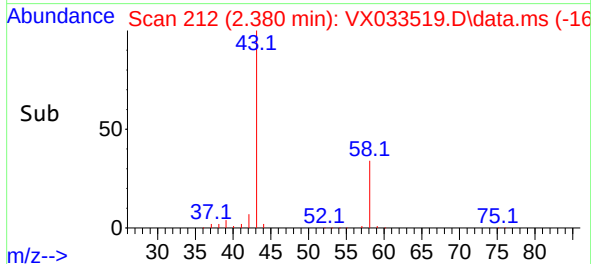
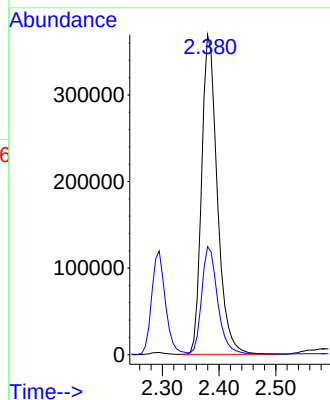
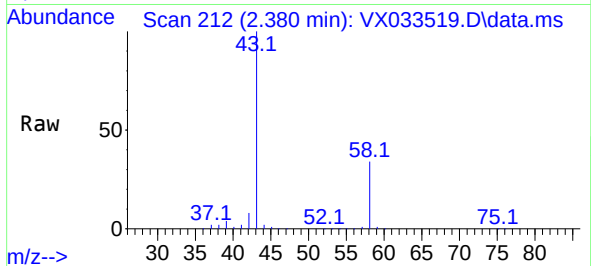




#16
Acetone
Concen: 959.902 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

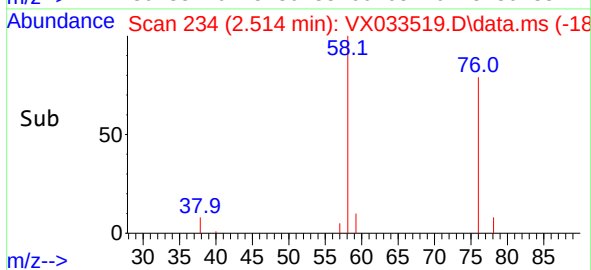
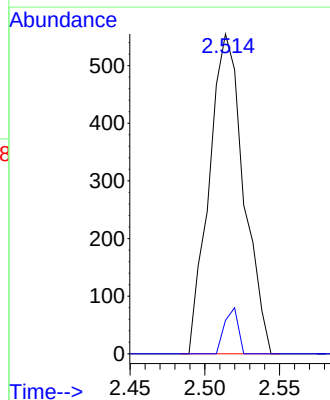
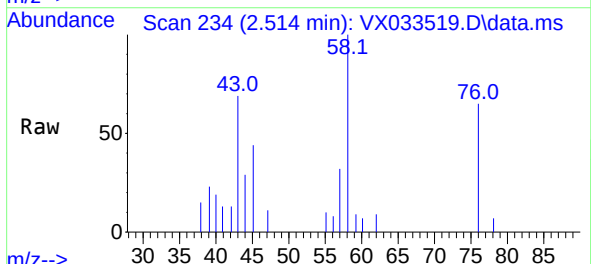
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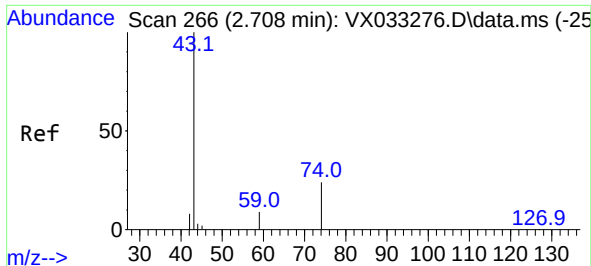
Tgt Ion: 43 Resp: 709831
Ion Ratio Lower Upper
43 100
58 33.6 23.8 35.8



#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 76 Resp: 893
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3

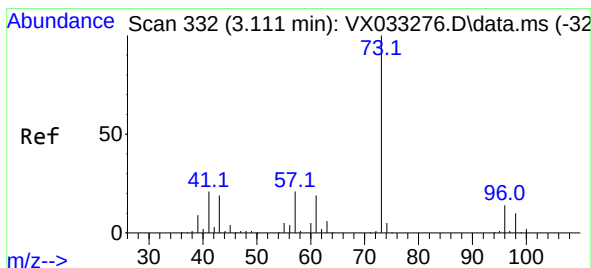
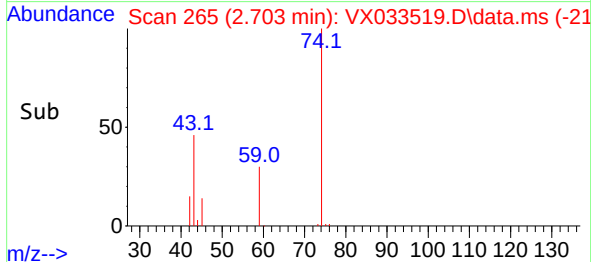
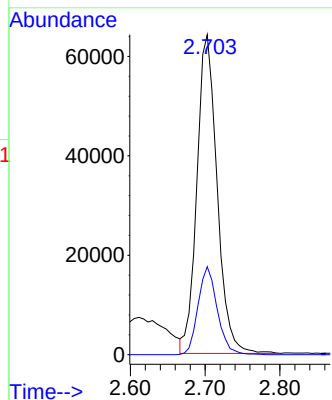
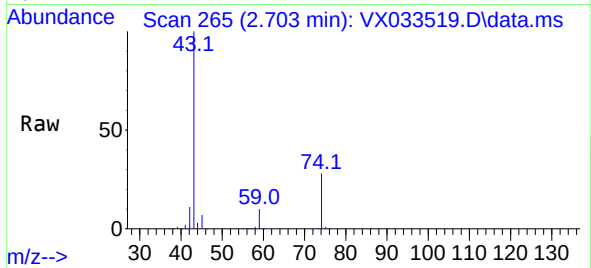




#18
Methyl Acetate
Concen: 56.239 ug/l
RT: 2.703 min Scan# 2
Delta R.T. -0.006 min
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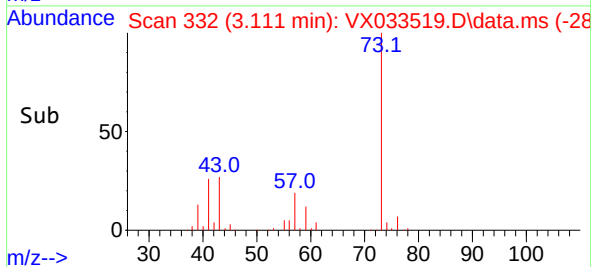
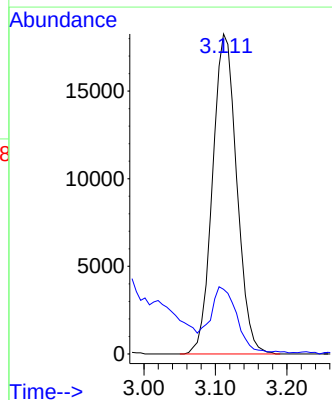
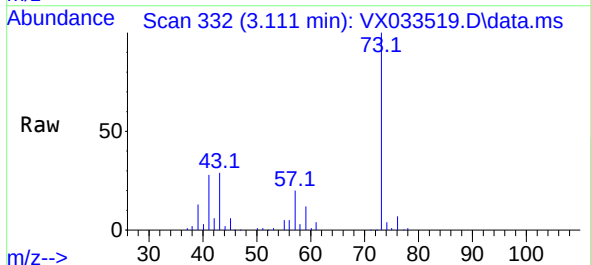
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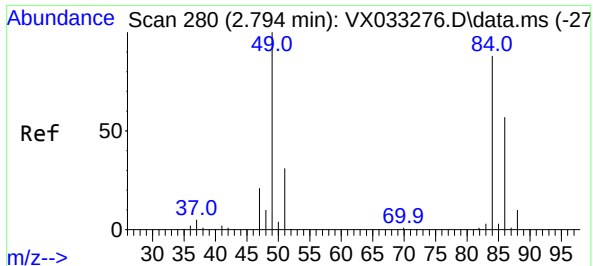
Tgt Ion: 43 Resp: 120390
Ion Ratio Lower Upper
43 100
74 26.2 19.4 29.0



#19
Methyl tert-butyl Ether
Concen: 8.776 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033519.D
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Tgt Ion: 73 Resp: 42932
Ion Ratio Lower Upper
73 100
57 19.6 16.6 25.0

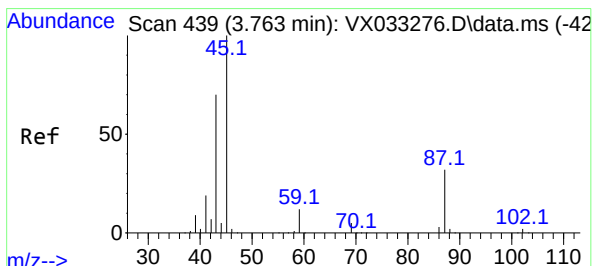
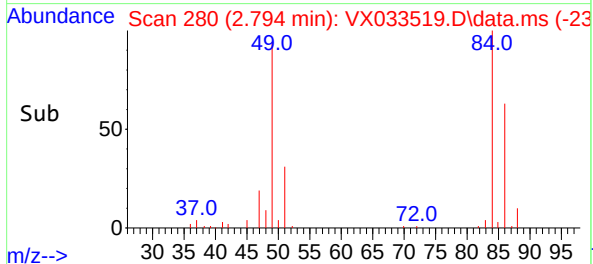
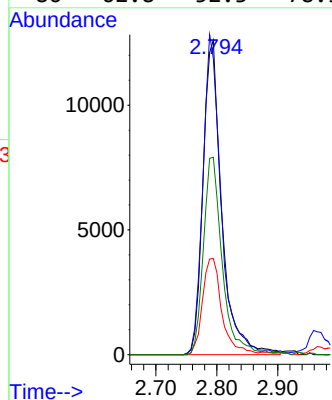
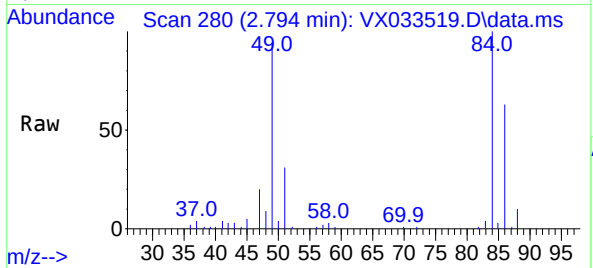




#20
Methylene Chloride
Concen: 16.310 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033519.D
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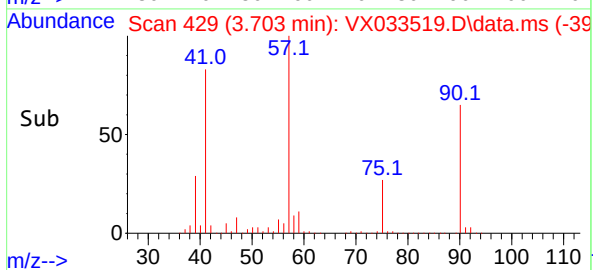
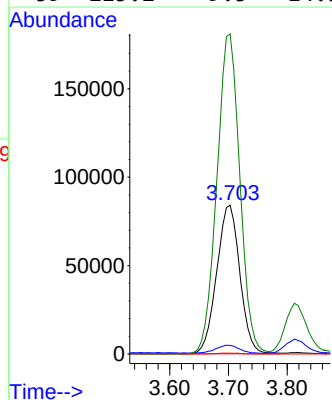
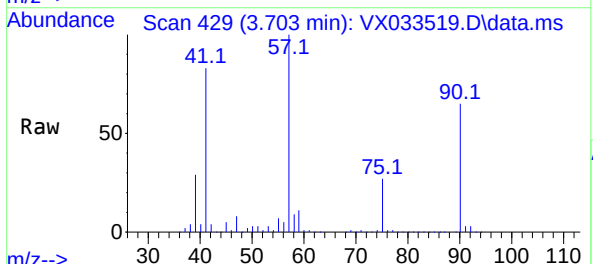
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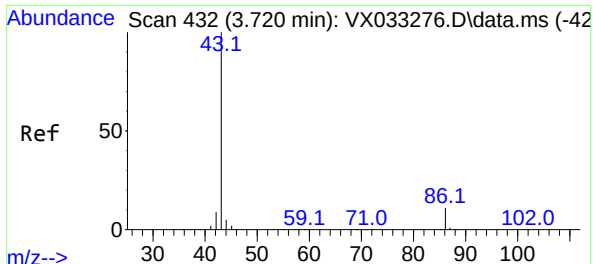
Tgt Ion: 84	Resp: 26898
Ion Ratio	Lower Upper
84 100	
49 94.3	101.0 151.6#
51 30.6	31.1 46.7#
86 62.8	52.3 78.5



#22
Diisopropyl ether
Concen: 47.612 ug/l
RT: 3.703 min Scan# 429
Delta R.T. -0.061 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 45	Resp: 230055
Ion Ratio	Lower Upper
45 100	
43 5.2	56.4 84.6#
87 0.5	24.4 36.6#
59 215.2	9.5 14.3#

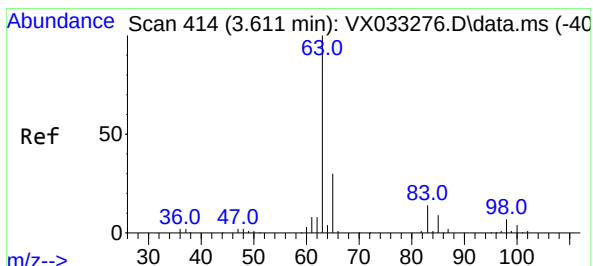
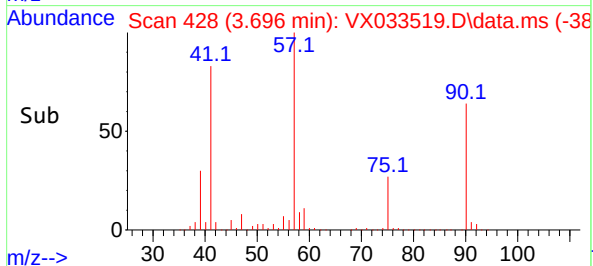
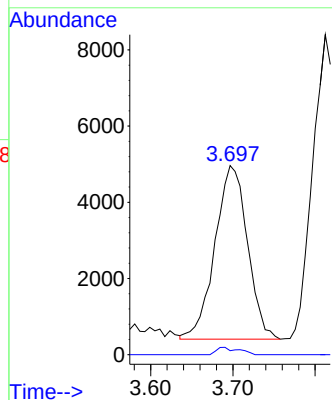
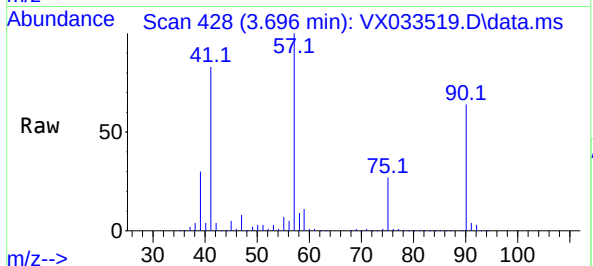




#23
 Vinyl Acetate
 Concen: 3.349 ug/l
 RT: 3.696 min Scan# 41
 Delta R.T. -0.024 min
 Lab File: VX033519.D
 Acq: 20 Dec 2022 19:30

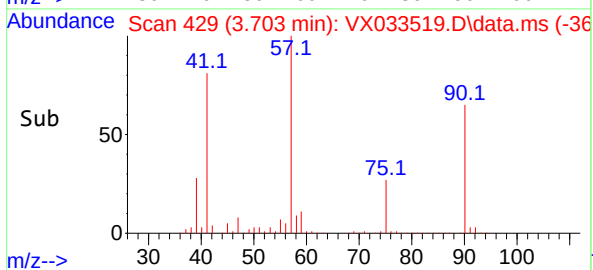
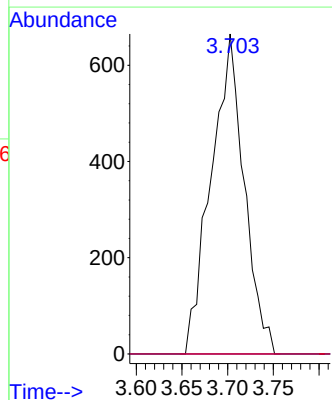
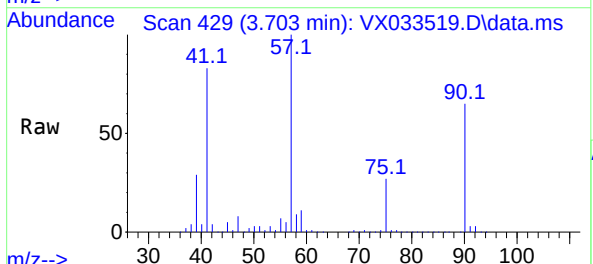
Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-1

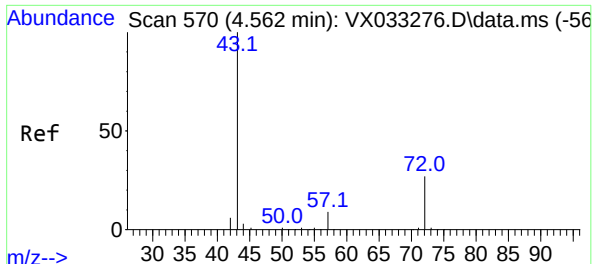
Tgt Ion: 43 Resp: 12559
 Ion Ratio Lower Upper
 43 100
 86 2.3 8.6 12.8#



#24
 1,1-Dichloroethane
 Concen: 0.588 ug/l
 RT: 3.703 min Scan# 429
 Delta R.T. 0.092 min
 Lab File: VX033519.D
 Acq: 20 Dec 2022 19:30

Tgt Ion: 63 Resp: 1670
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#

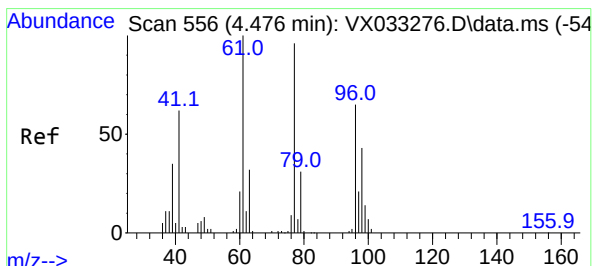
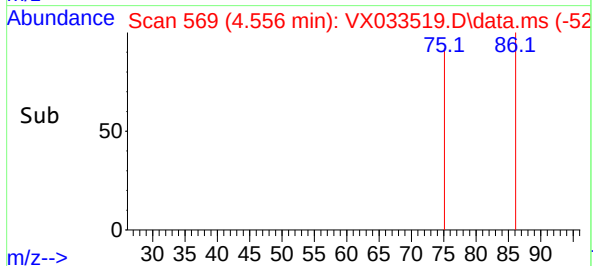
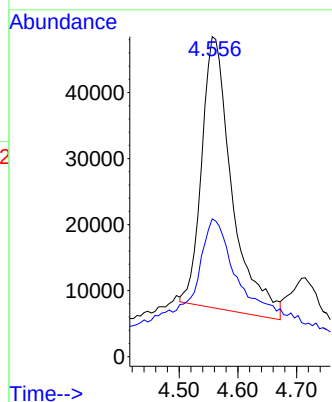
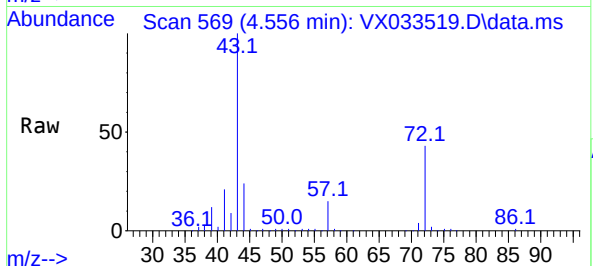




#25
2-Butanone
Concen: 137.593 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

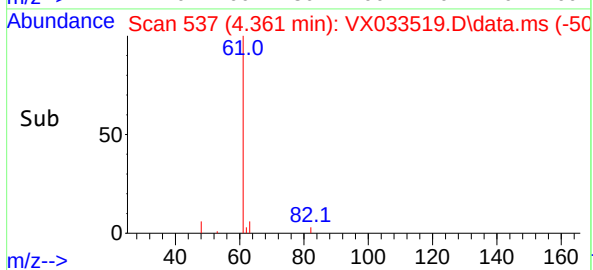
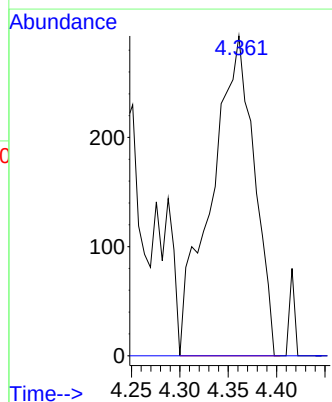
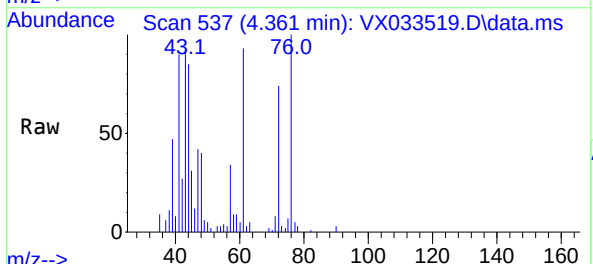
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

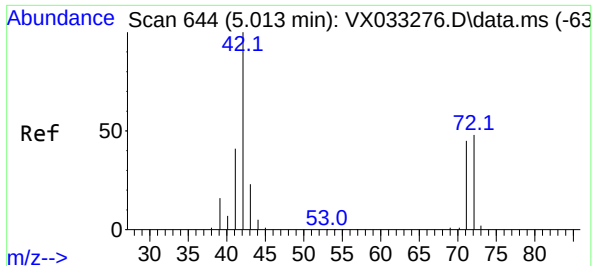
Tgt Ion: 43 Resp: 146051
Ion Ratio Lower Upper
43 100
72 33.9 22.2 33.2#



#26
2,2-Dichloropropane
Concen: 0.432 ug/l
RT: 4.361 min Scan# 537
Delta R.T. -0.115 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 77 Resp: 902
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#





#29

Tetrahydrofuran

Concen: 2.572 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX033519.D

Acq: 20 Dec 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

WEST-1

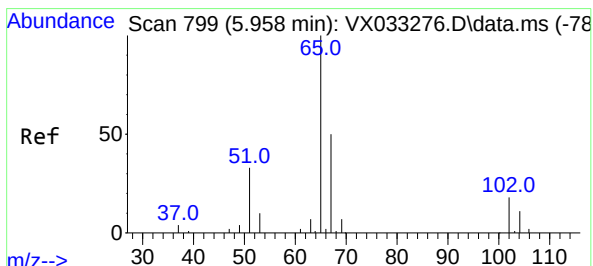
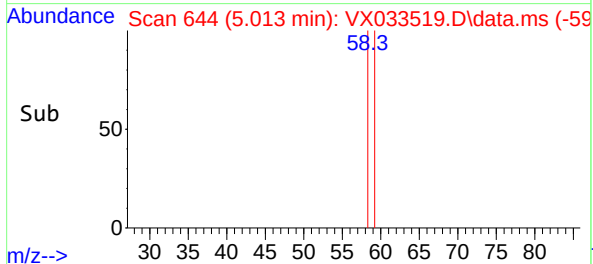
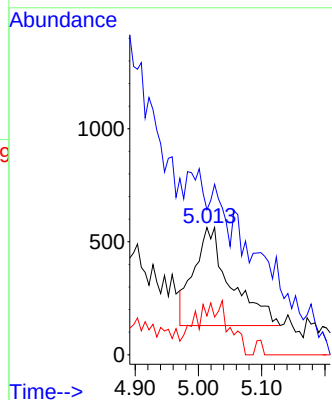
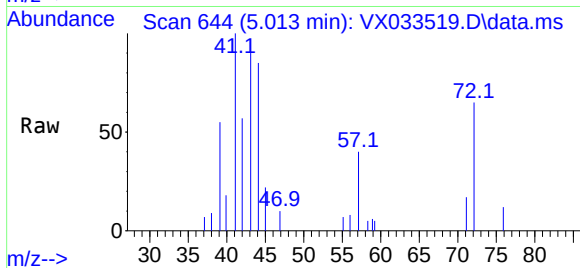
Tgt Ion: 42 Resp: 1769

Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

71 0.0 34.7 52.1#



#33

1,2-Dichloroethane-d4

Concen: 43.734 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033519.D

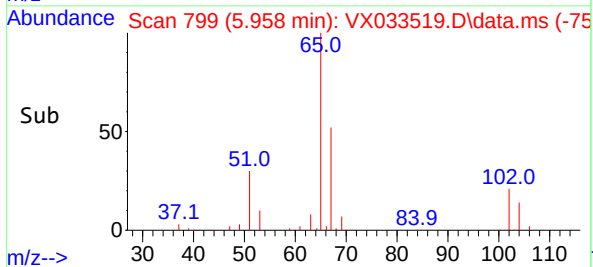
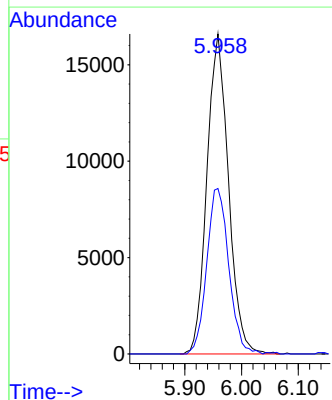
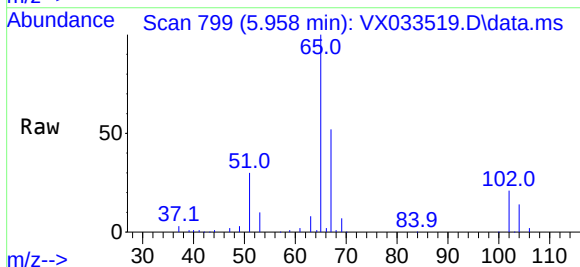
Acq: 20 Dec 2022 19:30

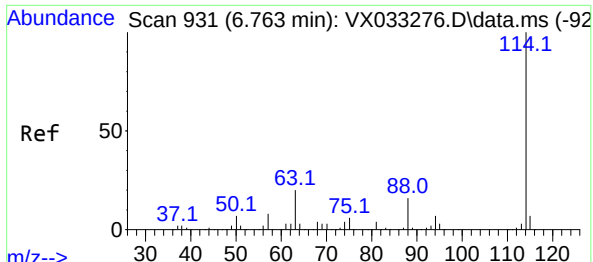
Tgt Ion: 65 Resp: 43705

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX033519.D

Acq: 20 Dec 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

WEST-1

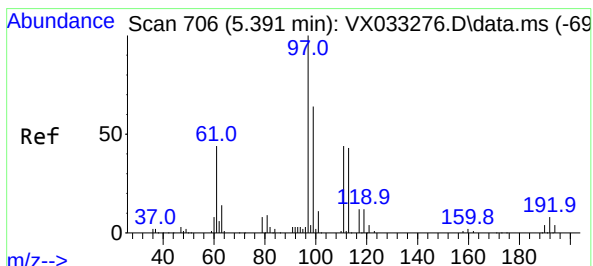
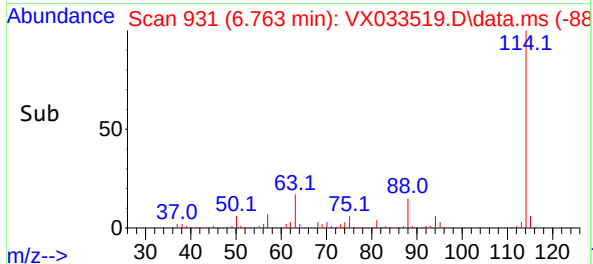
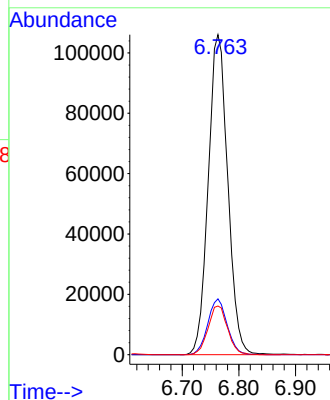
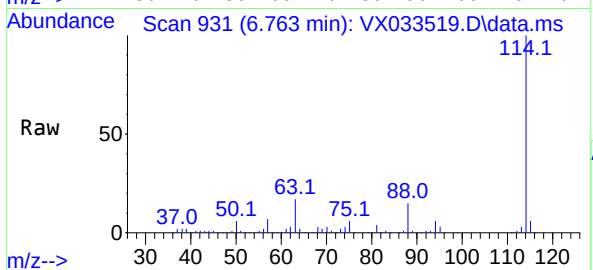
Tgt Ion:114 Resp: 253073

Ion Ratio Lower Upper

114 100

63 17.4 0.0 41.6

88 15.2 0.0 33.4



#35

Dibromofluoromethane

Concen: 50.036 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033519.D

Acq: 20 Dec 2022 19:30

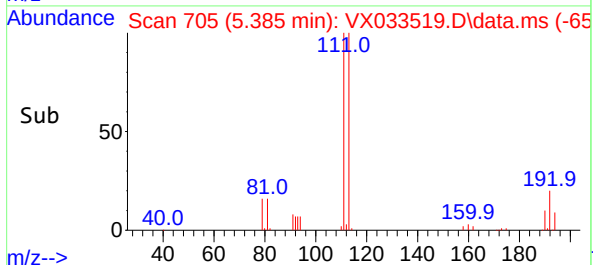
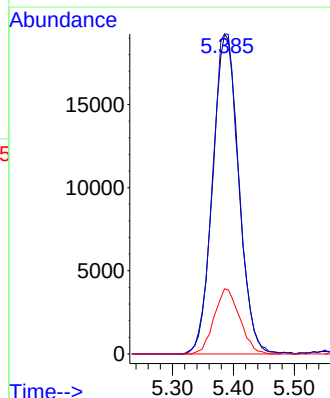
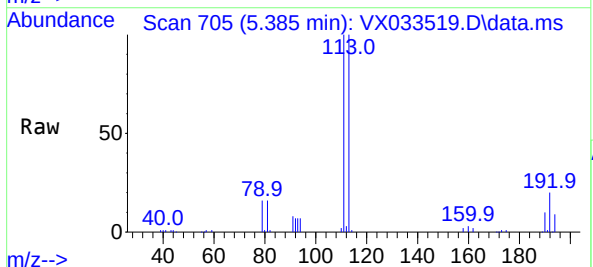
Tgt Ion:113 Resp: 56955

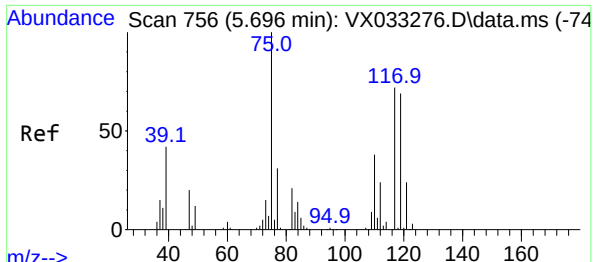
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 20.0 15.4 23.2

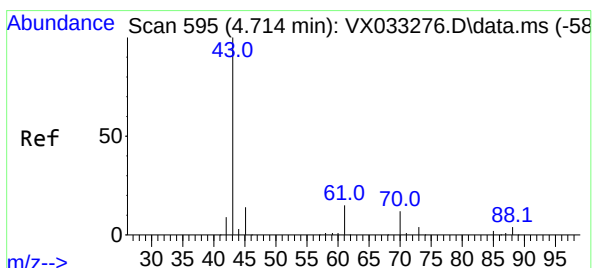
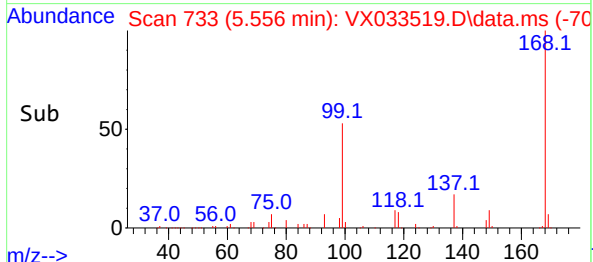
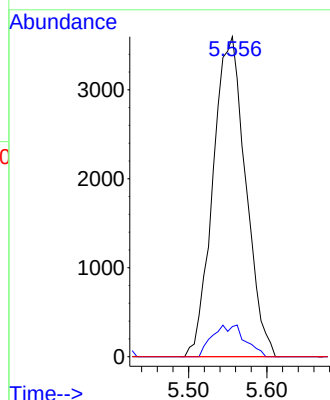
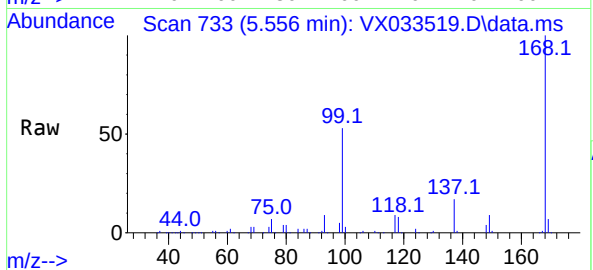




#36
1,1-Dichloropropene
Concen: 4.697 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

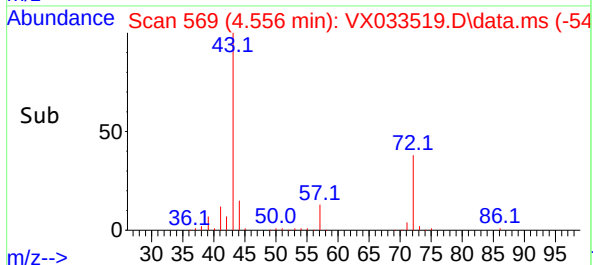
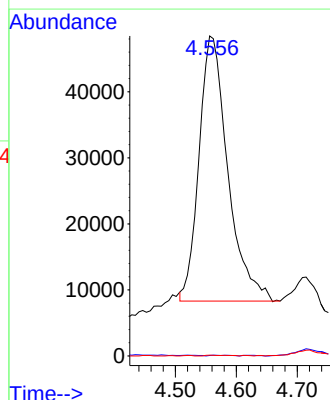
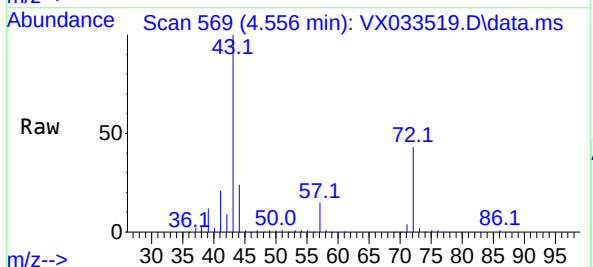
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

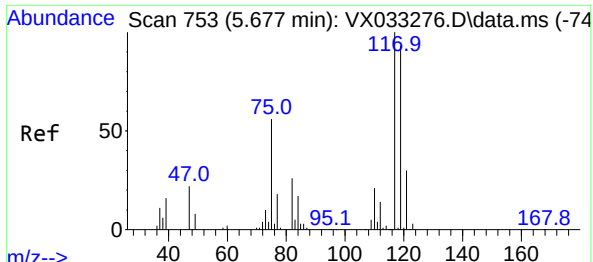
Tgt Ion: 75 Resp: 10423
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 62.754 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.158 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

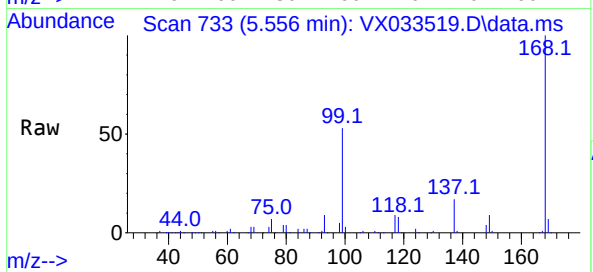
Tgt Ion: 43 Resp: 131646
Ion Ratio Lower Upper
43 100
61 0.1 11.5 17.3#
70 0.1 9.1 13.7#



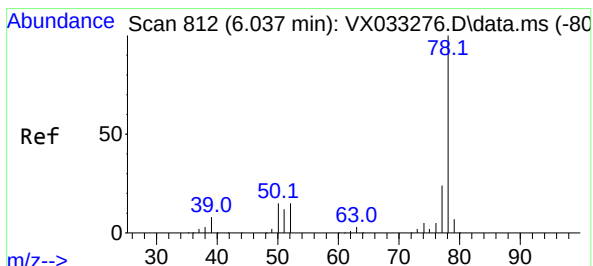
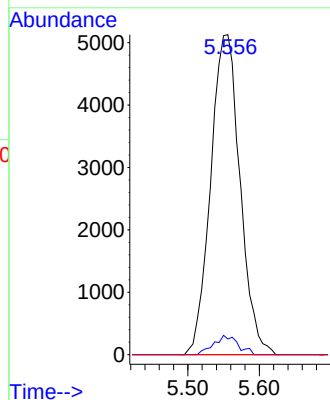
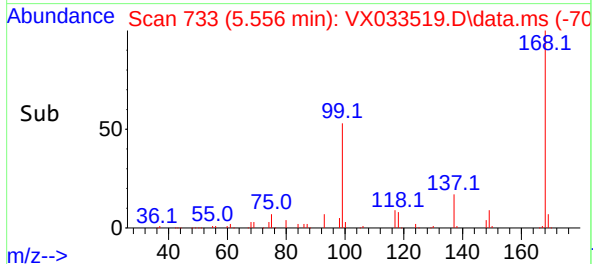


#38
Carbon Tetrachloride
Concen: 5.879 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Instrument :
MSVOA_X
ClientSampleId :
WEST-1

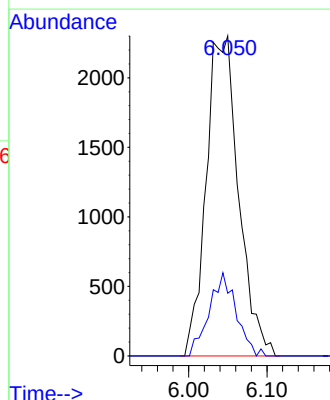
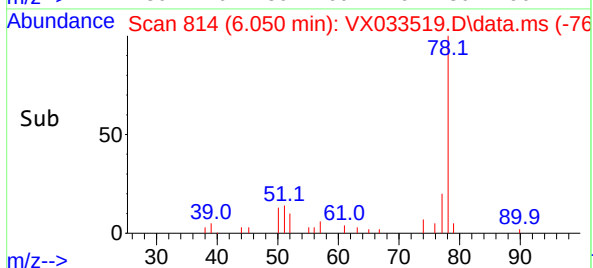
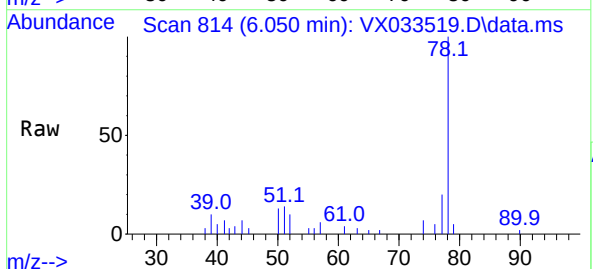


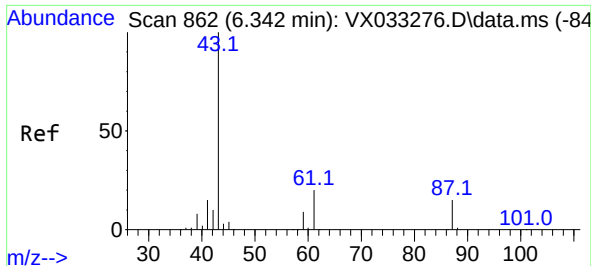
Tgt Ion:117 Resp: 14617
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.8 38.6#



#40
Benzene
Concen: 1.021 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.013 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 78 Resp: 6609
Ion Ratio Lower Upper
78 100
77 19.6 19.0 28.4

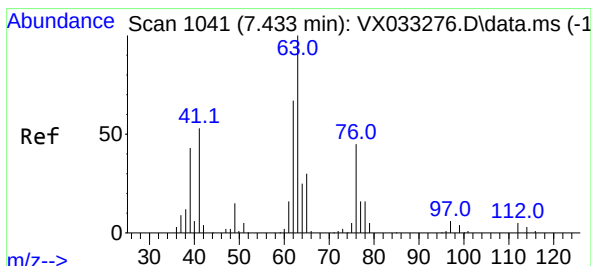
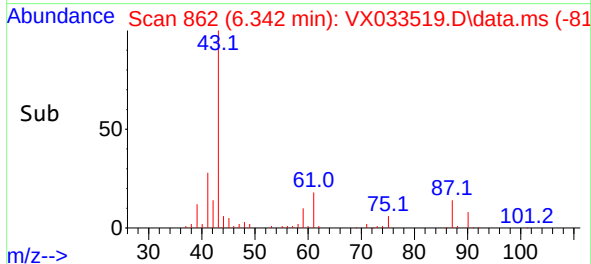
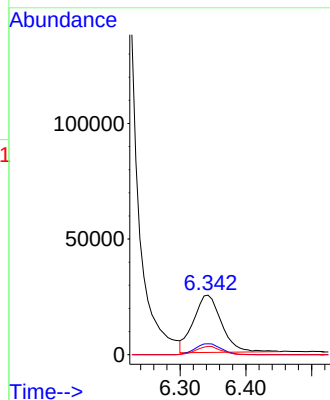
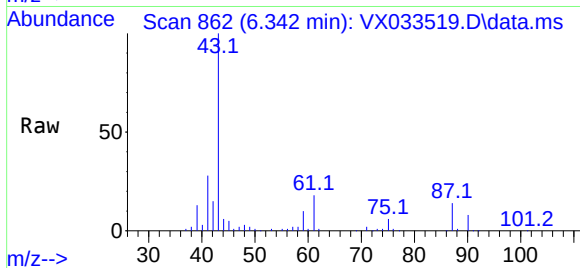




#43
Isopropyl Acetate
Concen: 21.599 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

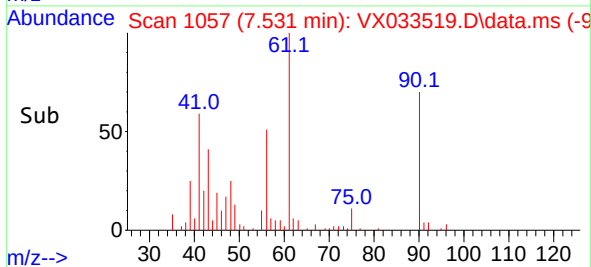
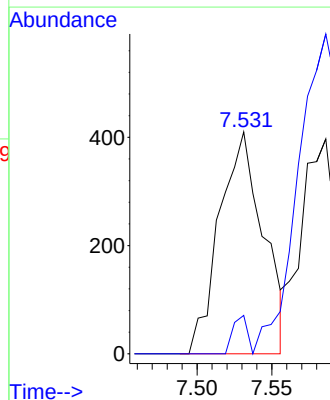
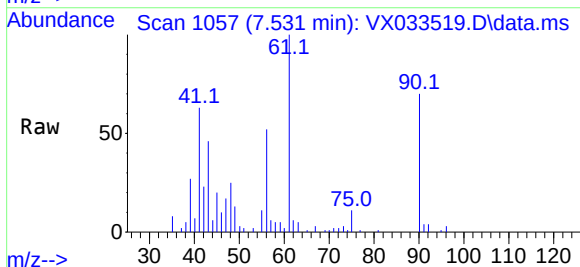
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

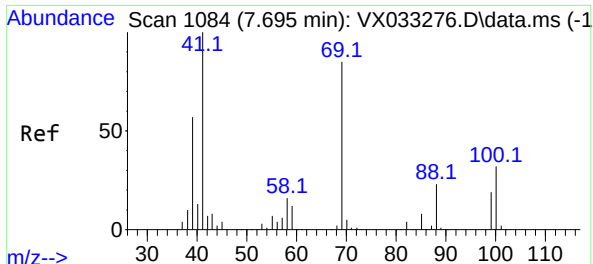
Tgt Ion: 43 Resp: 72905
Ion Ratio Lower Upper
43 100
61 18.1 15.4 23.0
87 12.8 10.8 16.2



#45
1,2-Dichloropropane
Concen: 0.503 ug/l
RT: 7.531 min Scan# 1057
Delta R.T. 0.098 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 63 Resp: 832
Ion Ratio Lower Upper
63 100
65 17.3 24.6 36.8#

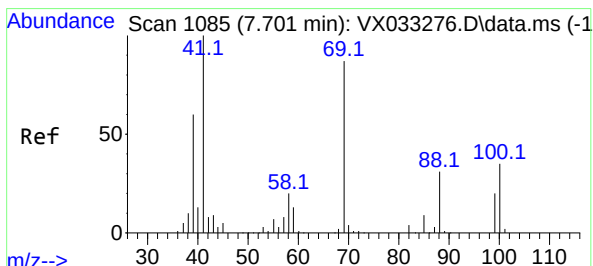
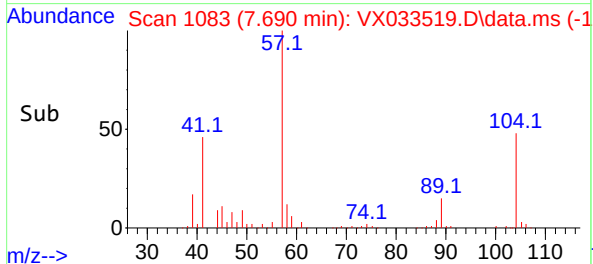
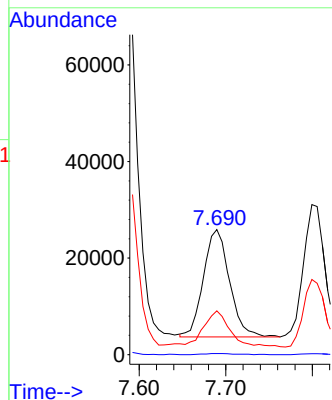
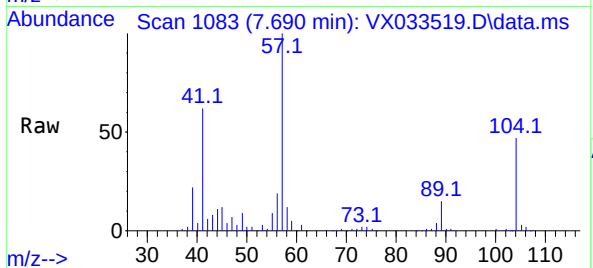




#48
Methyl methacrylate
Concen: 26.751 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

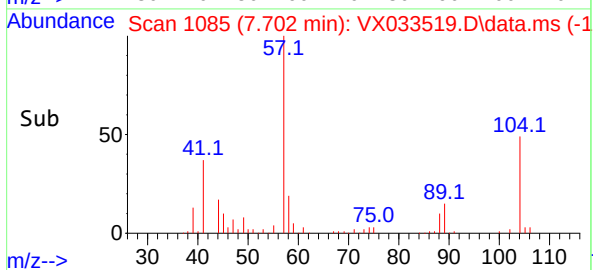
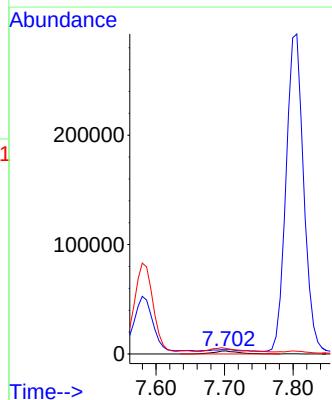
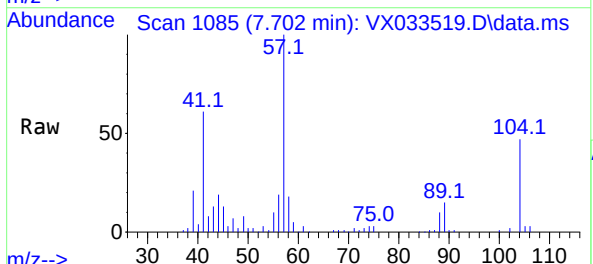
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

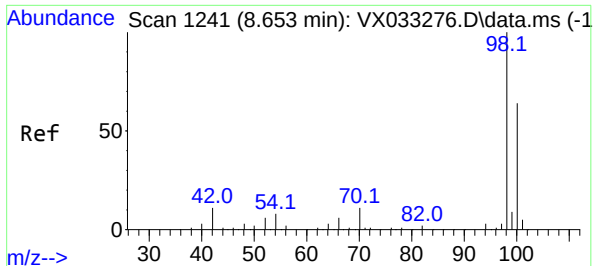
Tgt Ion: 41 Resp: 46602
Ion Ratio Lower Upper
41 100
69 1.3 65.1 97.7#
39 33.9 51.9 77.9#



#49
1,4-Dioxane
Concen: 177.145 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.000 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 88 Resp: 7037
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 162.9 51.7 77.5#





#50

Toluene-d8

Concen: 49.349 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033519.D

Acq: 20 Dec 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

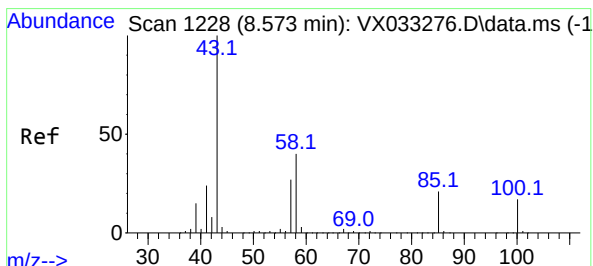
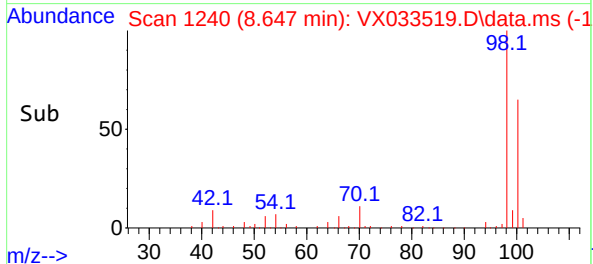
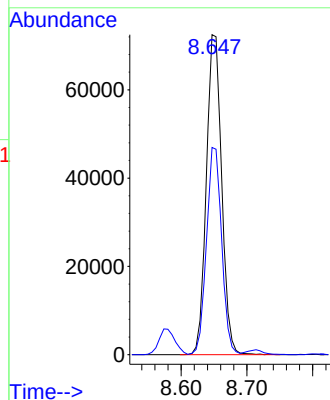
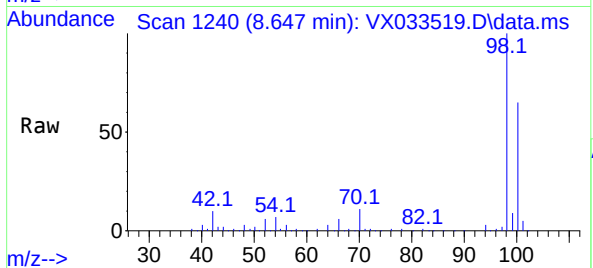
WEST-1

Tgt Ion: 98 Resp: 117511

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 42.186 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033519.D

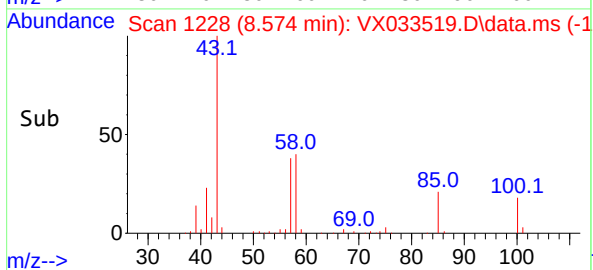
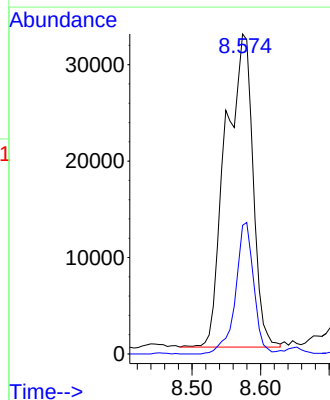
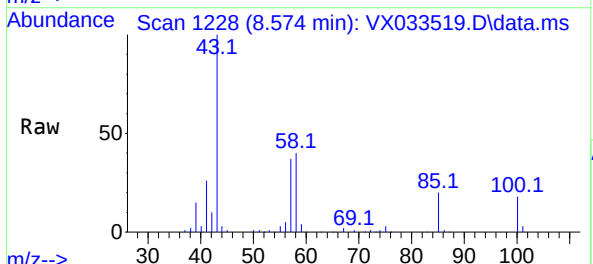
Acq: 20 Dec 2022 19:30

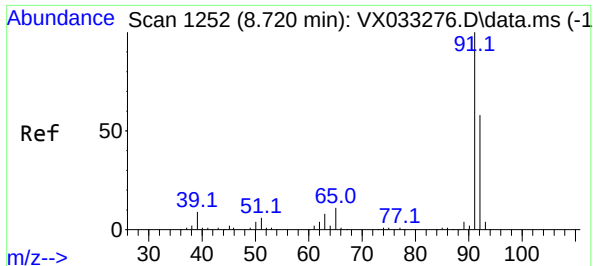
Tgt Ion: 43 Resp: 90049

Ion Ratio Lower Upper

43 100

58 28.0 30.9 46.3#





#52

Toluene

Concen: 69.012 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033519.D

Acq: 20 Dec 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

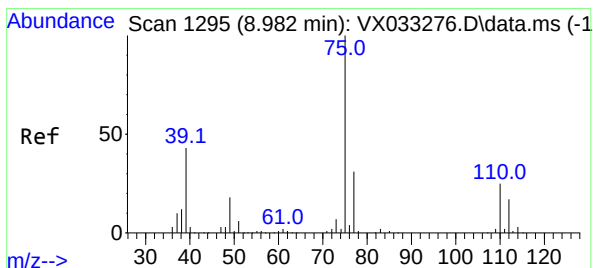
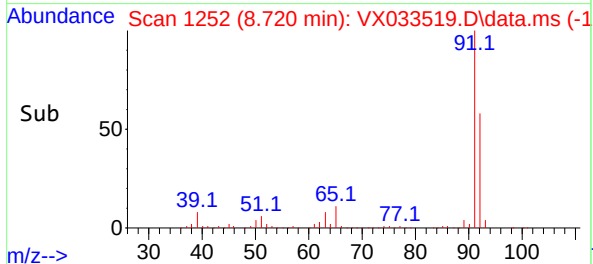
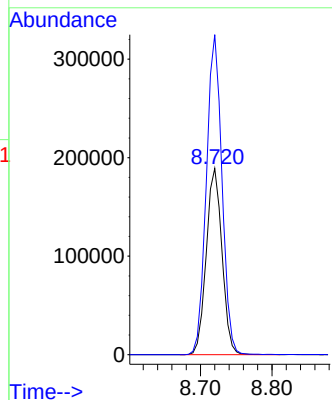
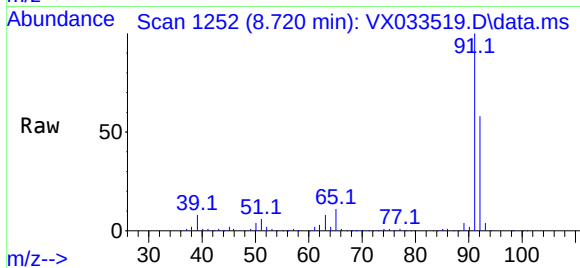
WEST-1

Tgt Ion: 92 Resp: 288717

Ion Ratio Lower Upper

92 100

91 170.5 138.3 207.5



#53

t-1,3-Dichloropropene

Concen: 113.351 ug/l

RT: 8.903 min Scan# 1282

Delta R.T. -0.079 min

Lab File: VX033519.D

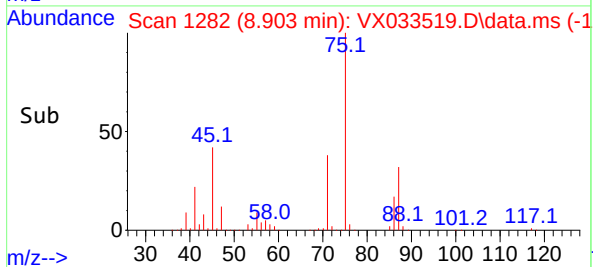
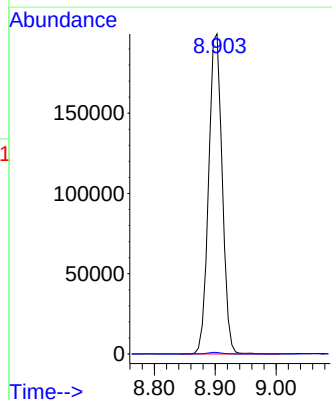
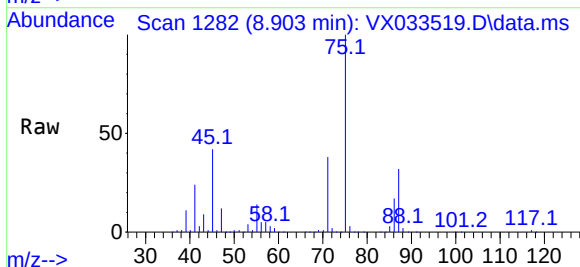
Acq: 20 Dec 2022 19:30

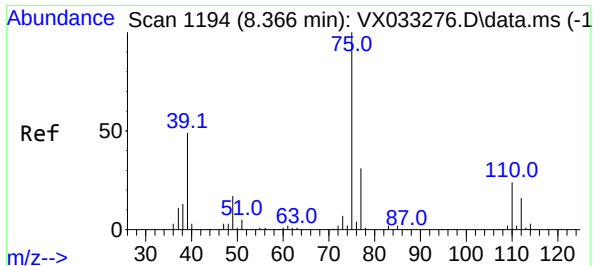
Tgt Ion: 75 Resp: 308047

Ion Ratio Lower Upper

75 100

77 0.5 25.1 37.7#

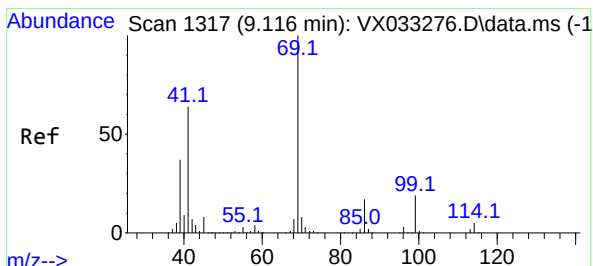
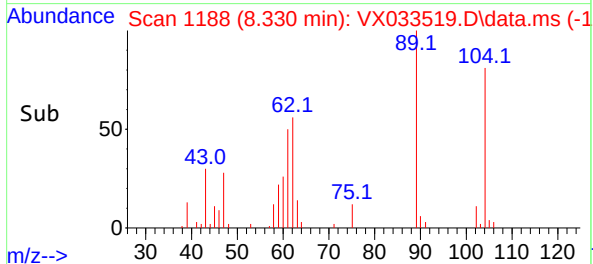
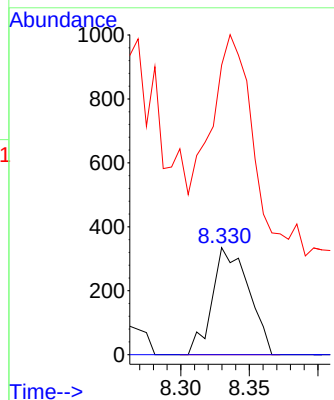
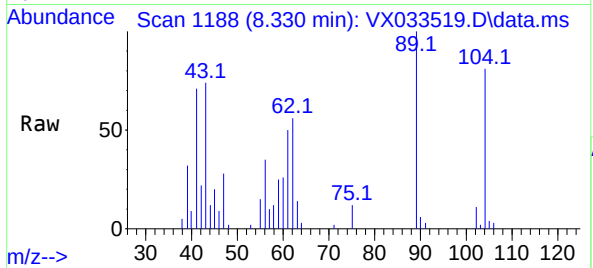




#54
 cis-1,3-Dichloropropene
 Concen: 0.237 ug/l
 RT: 8.330 min Scan# 1194
 Delta R.T. -0.036 min
 Lab File: VX033519.D
 Acq: 20 Dec 2022 19:30

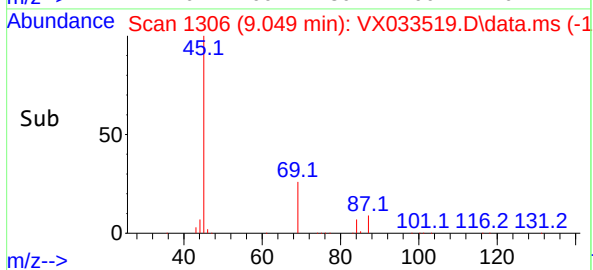
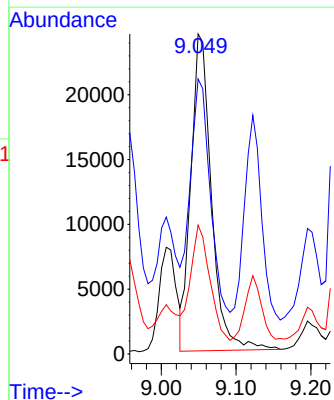
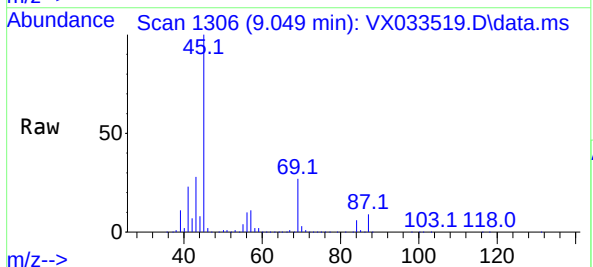
Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-1

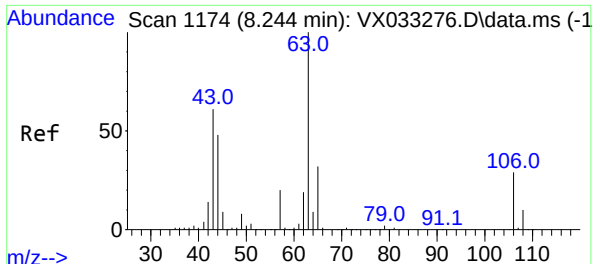
Tgt Ion: 75 Resp: 621
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 157.6 45.5 68.3#



#56
 Ethyl methacrylate
 Concen: 18.805 ug/l
 RT: 9.049 min Scan# 1306
 Delta R.T. -0.067 min
 Lab File: VX033519.D
 Acq: 20 Dec 2022 19:30

Tgt Ion: 69 Resp: 46561
 Ion Ratio Lower Upper
 69 100
 41 0.0 54.3 81.5#
 39 0.0 35.2 52.8#

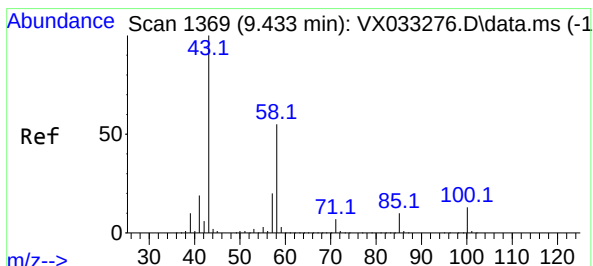
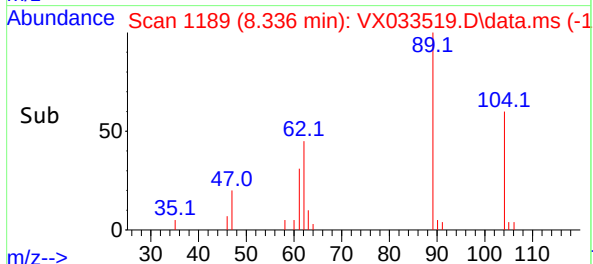
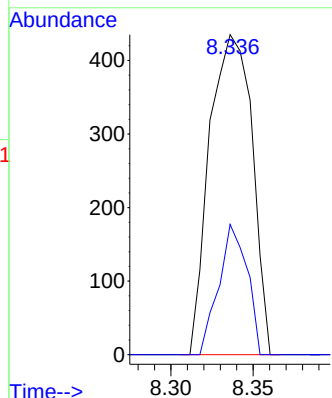
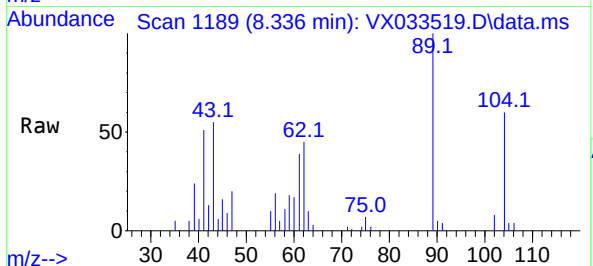




#58
2-Chloroethyl Vinyl ether
Concen: 0.692 ug/l
RT: 8.336 min Scan# 1174
Delta R.T. 0.092 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

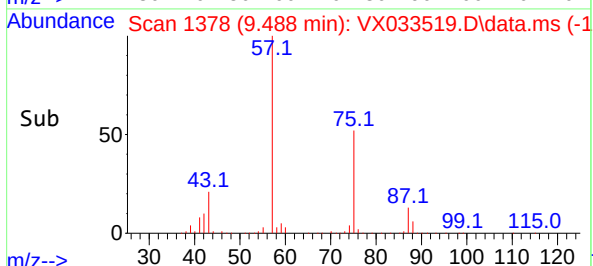
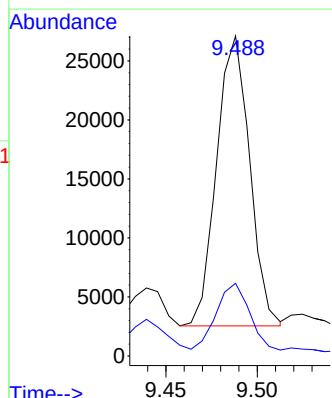
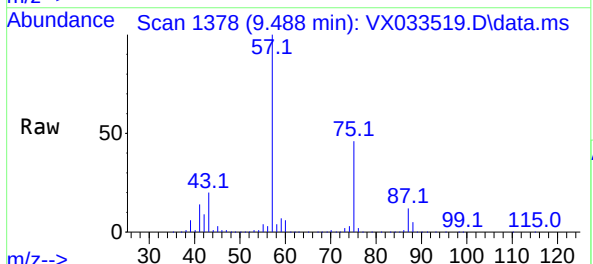
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

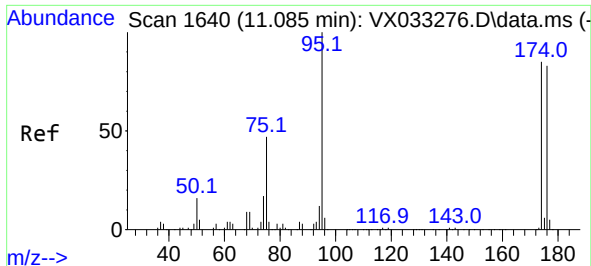
Tgt Ion: 63 Resp: 784
Ion Ratio Lower Upper
63 100
106 27.0 23.3 34.9



#59
2-Hexanone
Concen: 19.638 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 43 Resp: 30891
Ion Ratio Lower Upper
43 100
58 27.4 26.5 79.5

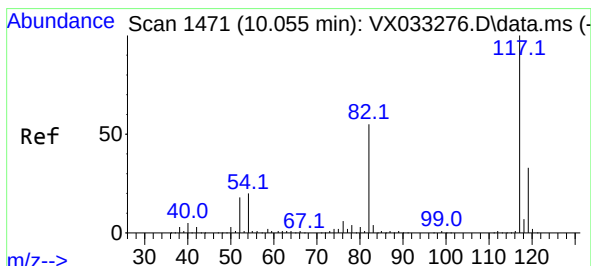
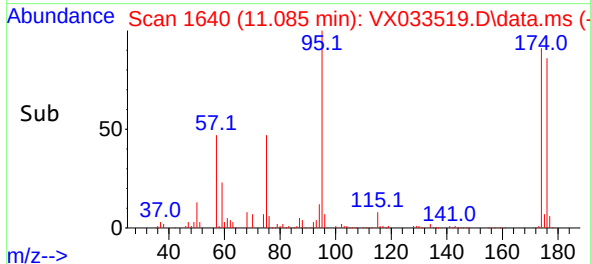
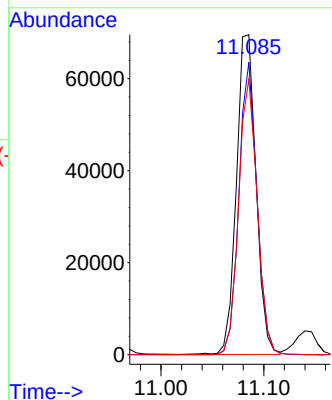
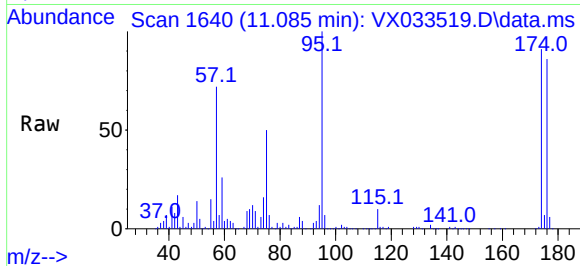




#62
4-Bromofluorobenzene
Concen: 50.731 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. 0.000 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

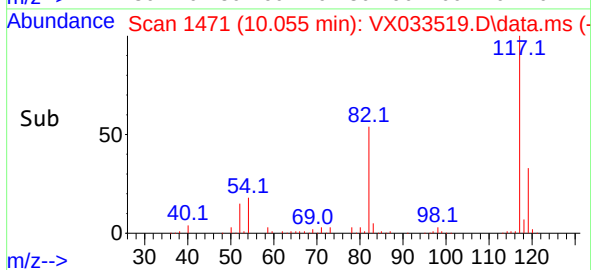
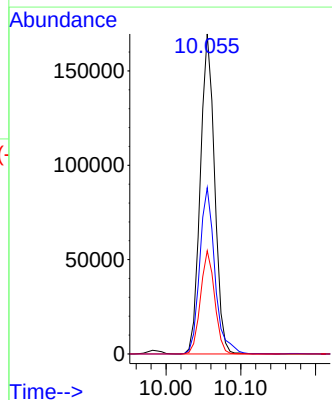
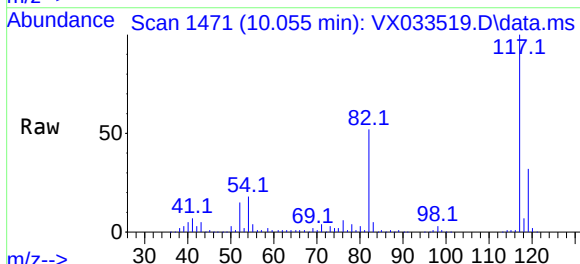
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

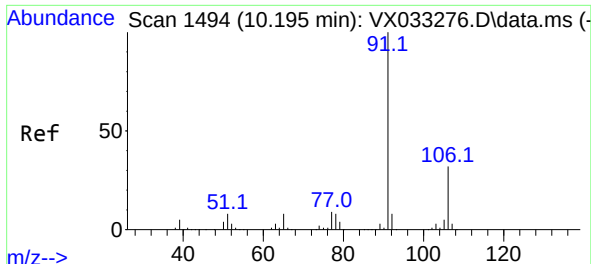
Tgt Ion: 95 Resp: 92367
Ion Ratio Lower Upper
95 100
174 84.2 0.0 164.0
176 81.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 117 Resp: 224893
Ion Ratio Lower Upper
117 100
82 51.9 44.3 66.5
119 32.3 25.7 38.5





#67

Ethyl Benzene

Concen: 82.881 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033519.D

Acq: 20 Dec 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

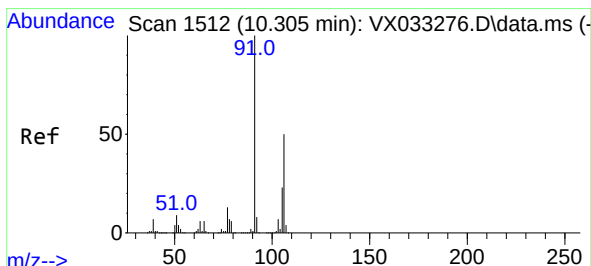
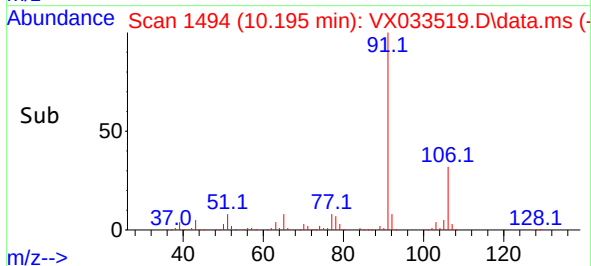
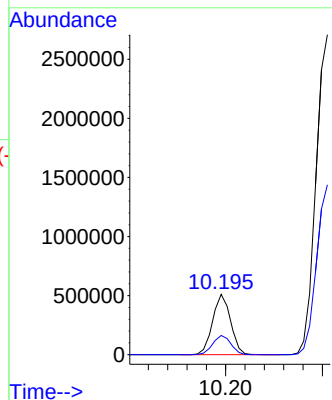
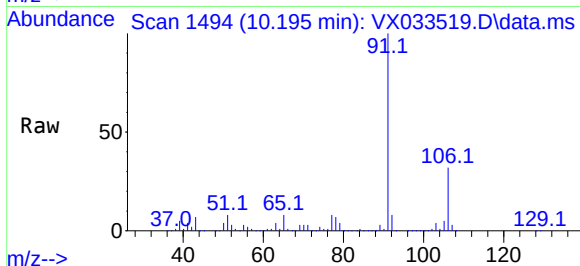
WEST-1

Tgt Ion: 91 Resp: 657569

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.6



#68

m/p-Xylenes

Concen: 625.533 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX033519.D

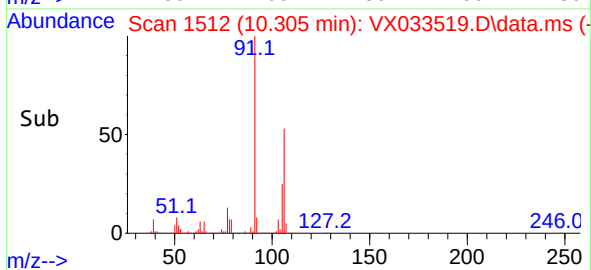
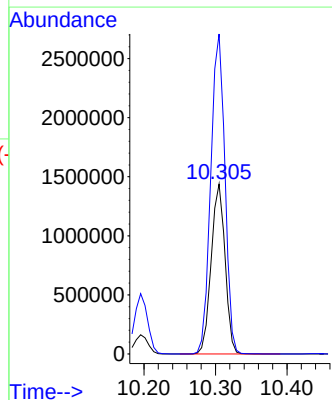
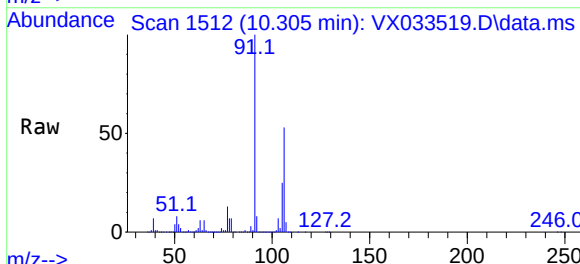
Acq: 20 Dec 2022 19:30

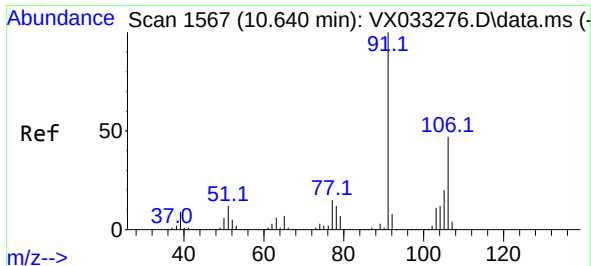
Tgt Ion:106 Resp: 1930924

Ion Ratio Lower Upper

106 100

91 193.0 164.5 246.7

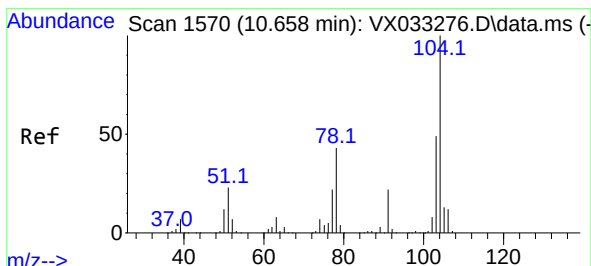
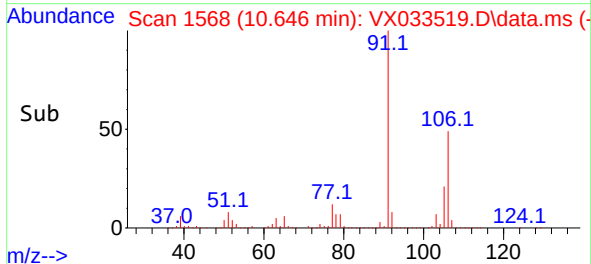
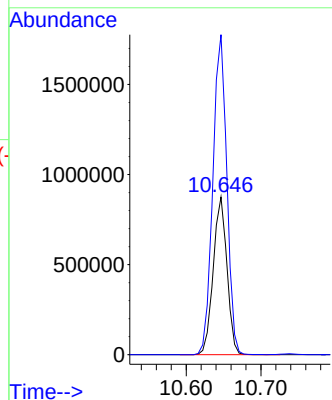
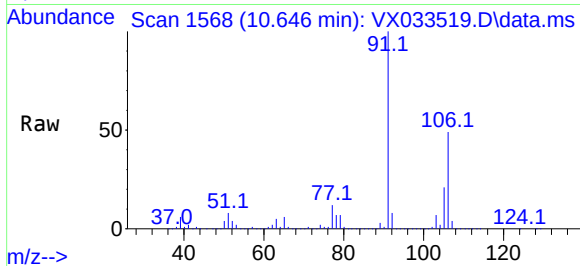




#69
o-Xylene
Concen: 365.384 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

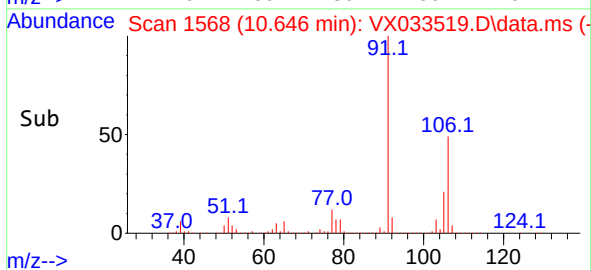
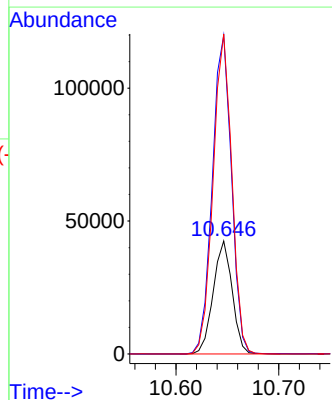
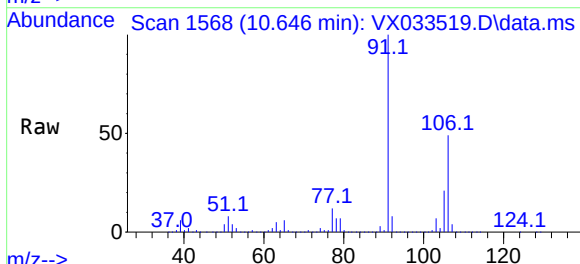
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

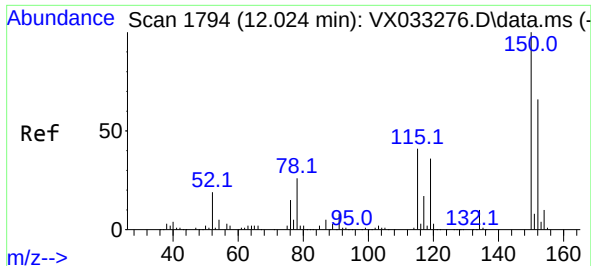
Tgt Ion:106 Resp: 1114846
Ion Ratio Lower Upper
106 100
91 206.8 109.2 327.6



#70
Styrene
Concen: 10.888 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.012 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion:104 Resp: 54409
Ion Ratio Lower Upper
104 100
78 285.3 41.8 62.8#
103 279.5 44.5 66.7#

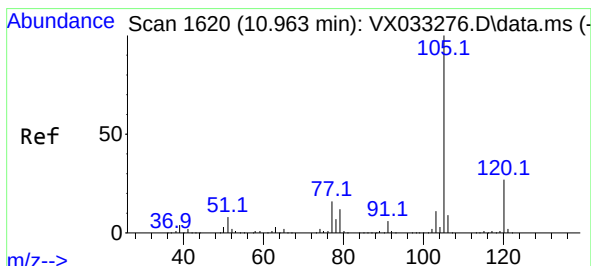
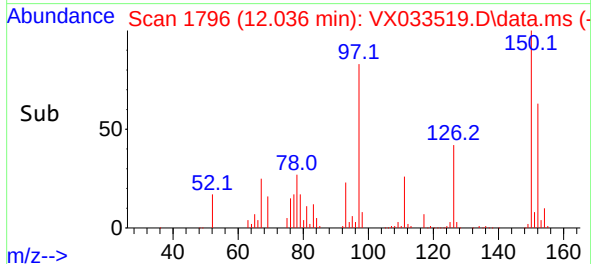
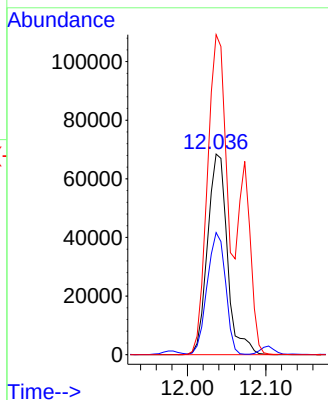
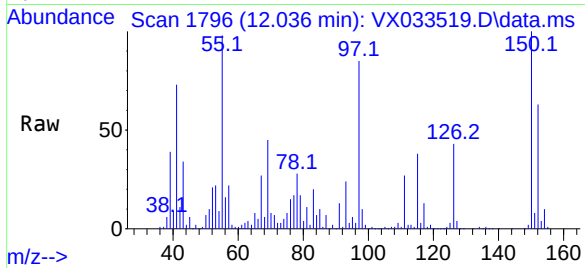




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.036 min Scan# 11
Delta R.T. 0.013 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

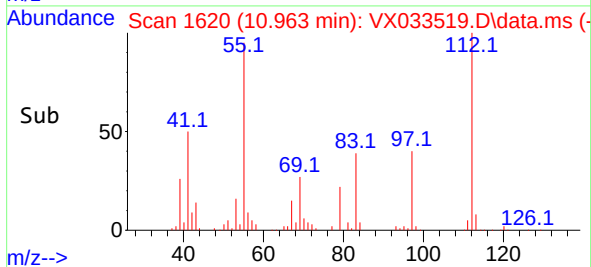
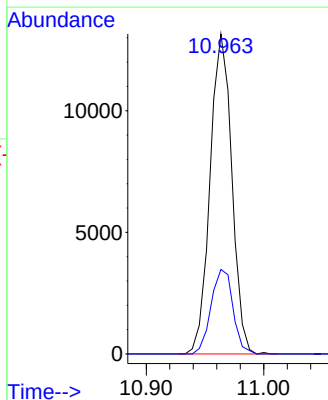
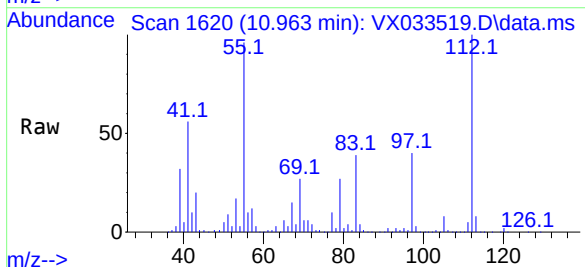
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

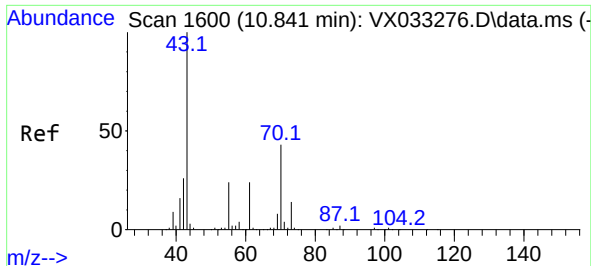
Tgt Ion:152 Resp: 120289
Ion Ratio Lower Upper
152 100
115 56.3 44.0 132.0
150 160.2 0.0 351.8



#73
Isopropylbenzene
Concen: 1.941 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion:105 Resp: 16921
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

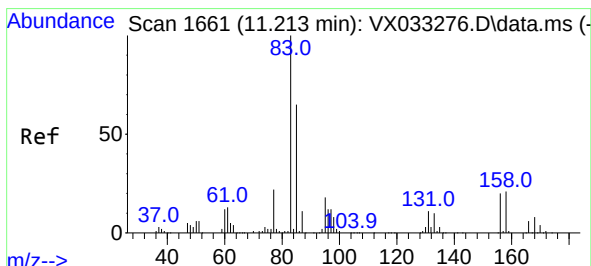
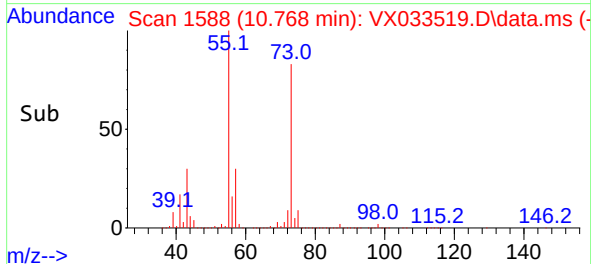
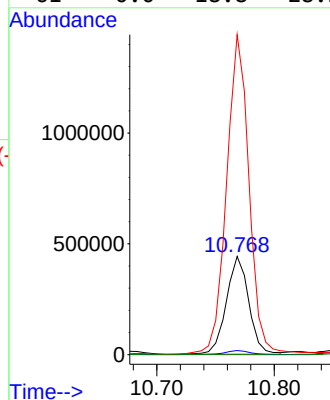
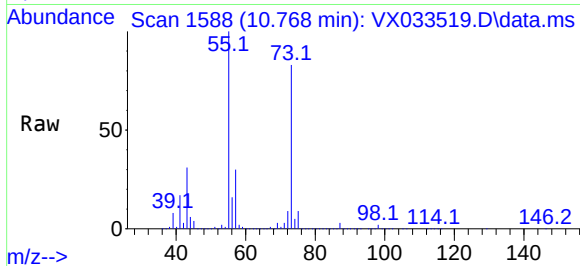




#74
N-amy1 acetate
Concen: 196.843 ug/l
RT: 10.768 min Scan# 1
Delta R.T. -0.073 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

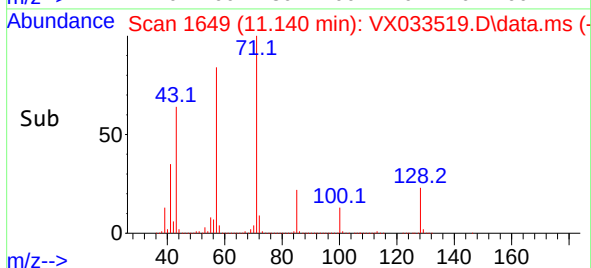
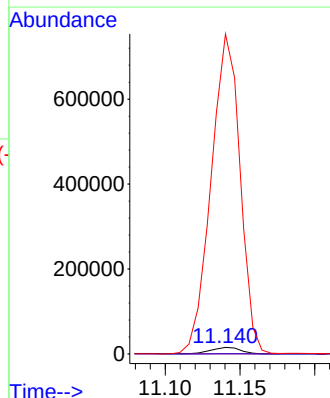
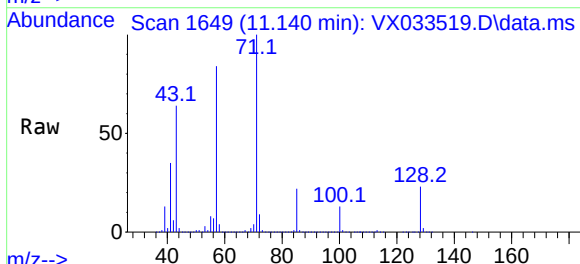
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

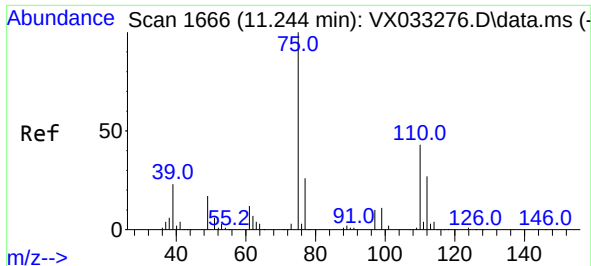
Tgt Ion: 43 Resp: 585540
Ion Ratio Lower Upper
43 100
70 4.4 33.6 50.4#
55 329.5 19.4 29.2#
61 0.0 18.8 28.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 7.649 ug/l
RT: 11.140 min Scan# 1649
Delta R.T. -0.073 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 83 Resp: 21157
Ion Ratio Lower Upper
83 100
131 3.0 5.4 16.2#
85 4810.9 31.9 95.9#

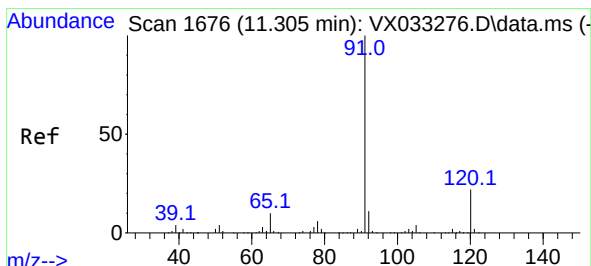
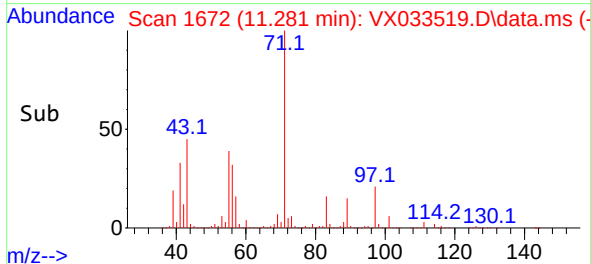
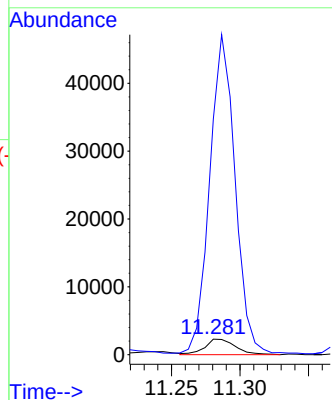
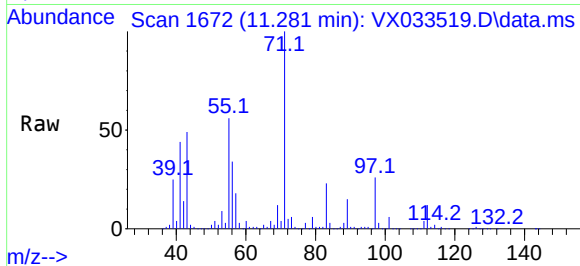




#76
1,2,3-Trichloropropane
Concen: 1.452 ug/l
RT: 11.281 min Scan# 1672
Delta R.T. 0.037 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

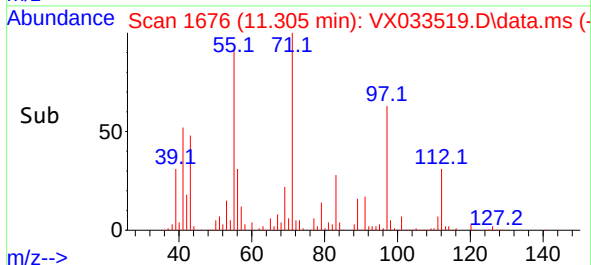
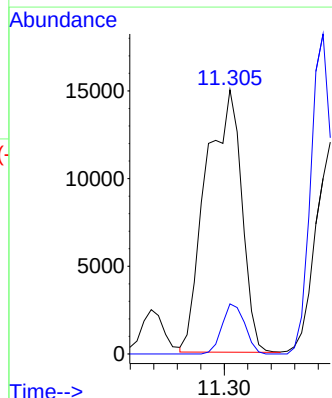
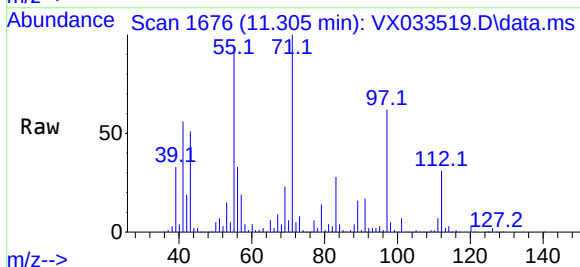
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

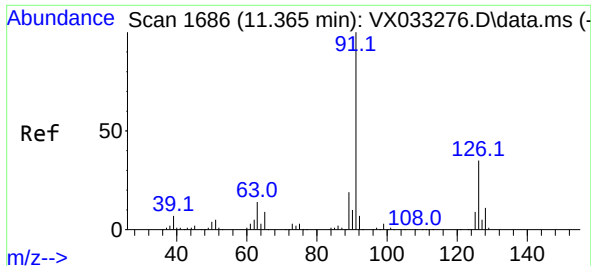
Tgt Ion: 75 Resp: 3553
Ion Ratio Lower Upper
75 100
77 1704.1 20.0 60.0#



#78
n-propylbenzene
Concen: 3.253 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 91 Resp: 31670
Ion Ratio Lower Upper
91 100
120 12.2 11.6 34.8

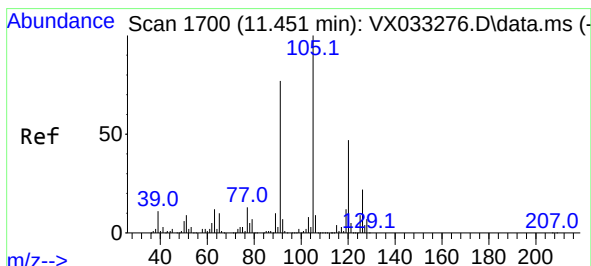
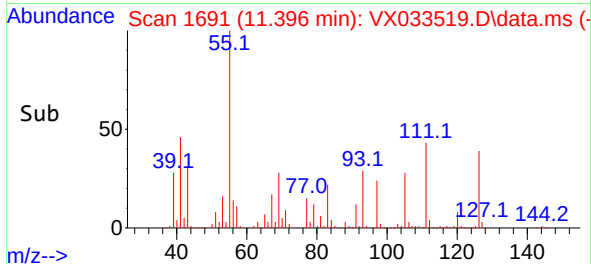
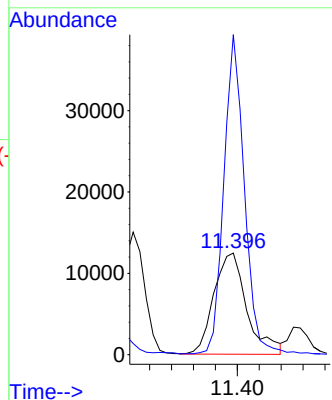
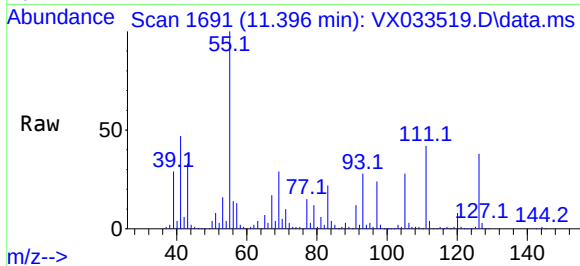




#79
2-Chlorotoluene
Concen: 4.323 ug/l
RT: 11.396 min Scan# 1
Delta R.T. 0.031 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

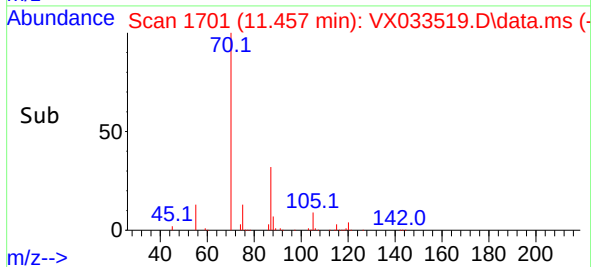
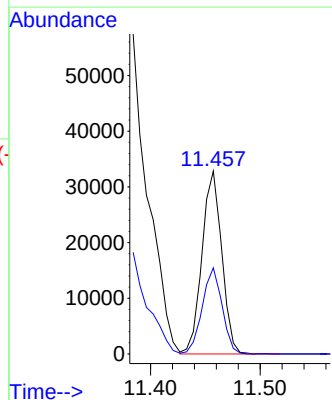
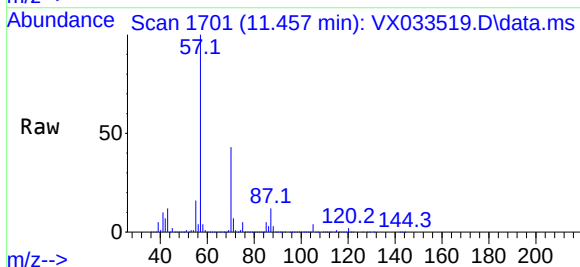
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

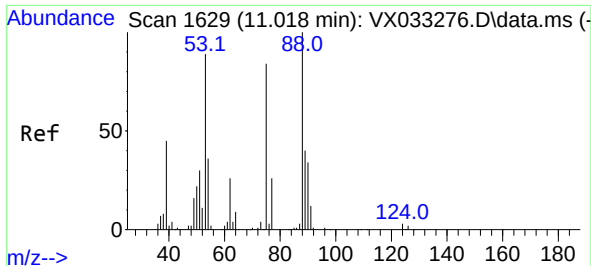
Tgt Ion: 91 Resp: 26006
Ion Ratio Lower Upper
91 100
126 196.8 17.1 51.2#



#80
1,3,5-Trimethylbenzene
Concen: 5.677 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 105 Resp: 41202
Ion Ratio Lower Upper
105 100
120 47.1 23.6 71.0

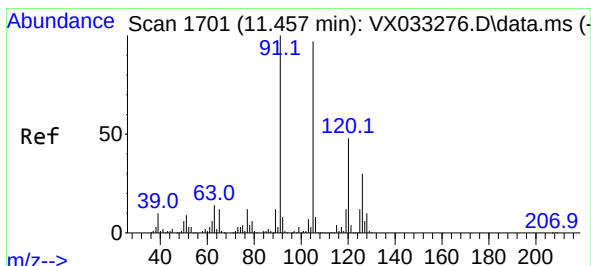
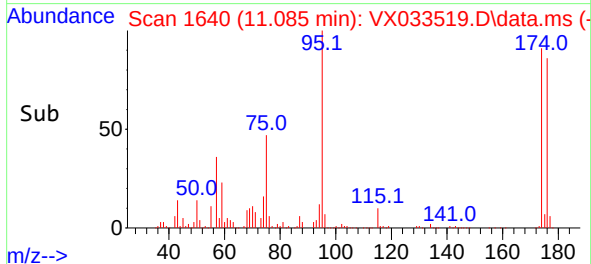
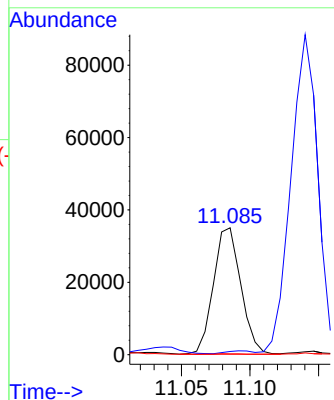
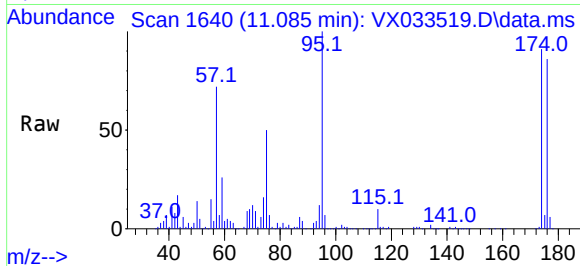




#81
trans-1,4-Dichloro-2-butene
Concen: 61.621 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

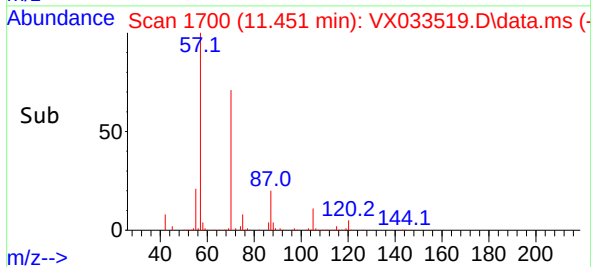
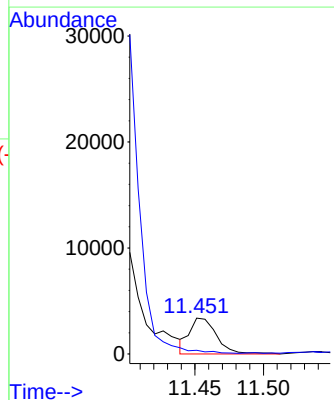
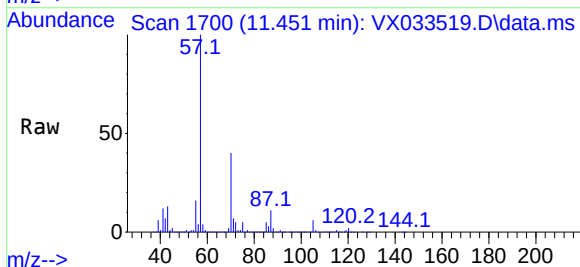
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

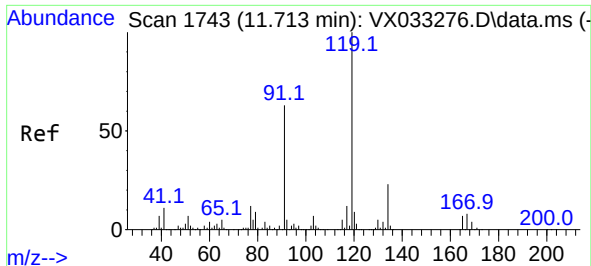
Tgt Ion: 75 Resp: 48480
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#82
4-Chlorotoluene
Concen: 0.661 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 91 Resp: 4623
Ion Ratio Lower Upper
91 100
126 0.0 14.8 44.4#

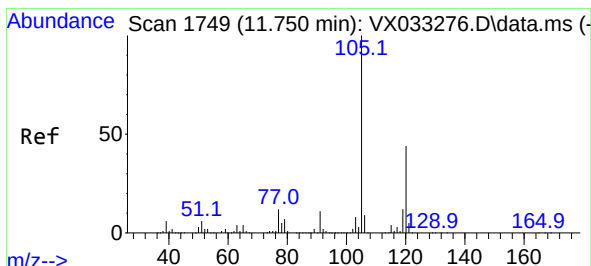
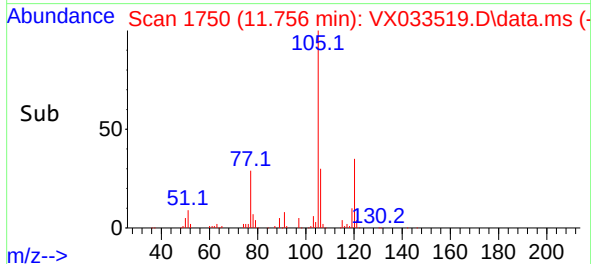
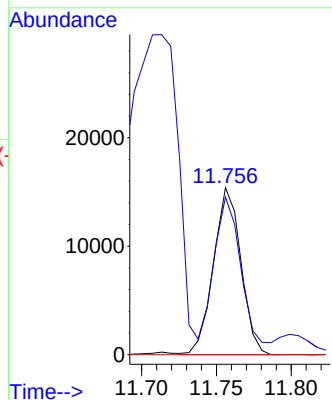
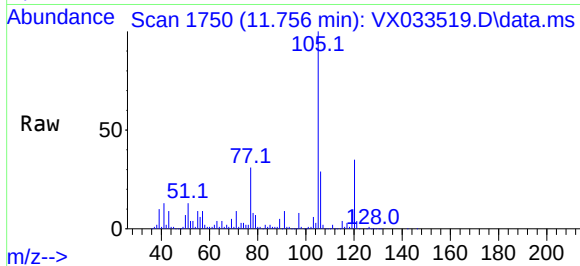




#83
tert-Butylbenzene
Concen: 2.712 ug/l
RT: 11.756 min Scan# 1743
Delta R.T. 0.043 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

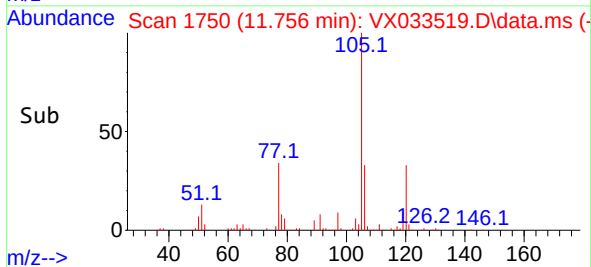
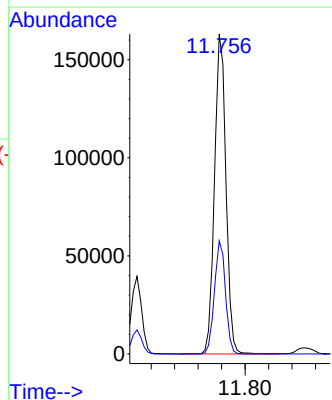
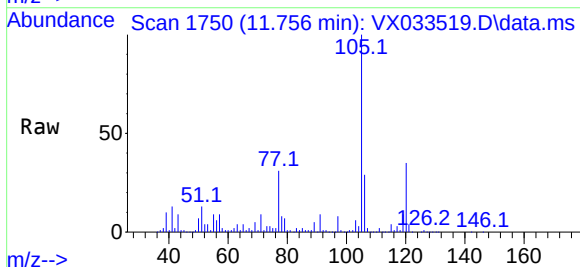
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

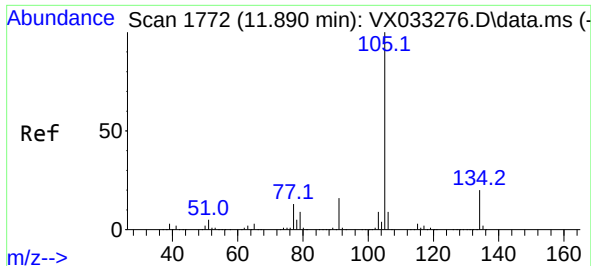
Tgt Ion:119 Resp: 19629
Ion Ratio Lower Upper
119 100
91 82.8 29.4 88.2
134 0.0 11.0 33.0#



#84
1,2,4-Trimethylbenzene
Concen: 30.421 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion:105 Resp: 220384
Ion Ratio Lower Upper
105 100
120 34.1 21.9 65.5

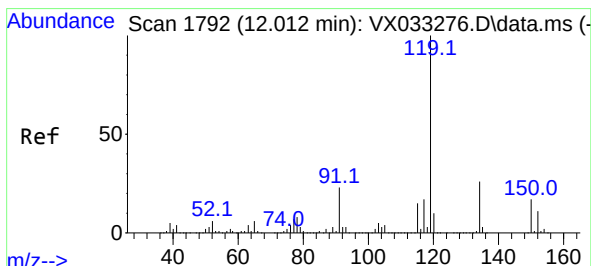
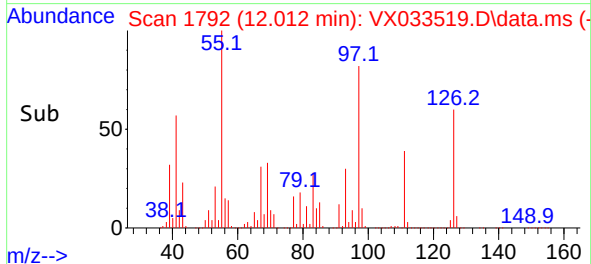
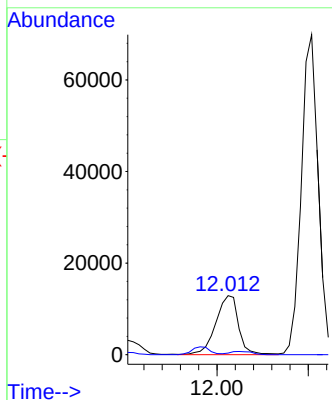
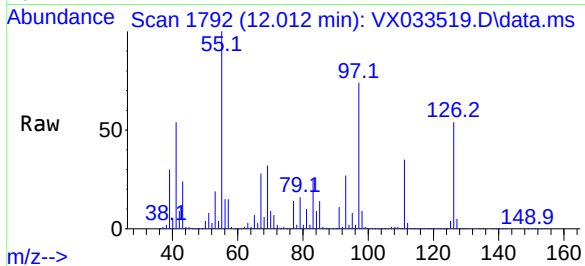




#85
 sec-Butylbenzene
 Concen: 2.645 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.122 min
 Lab File: VX033519.D
 Acq: 20 Dec 2022 19:30

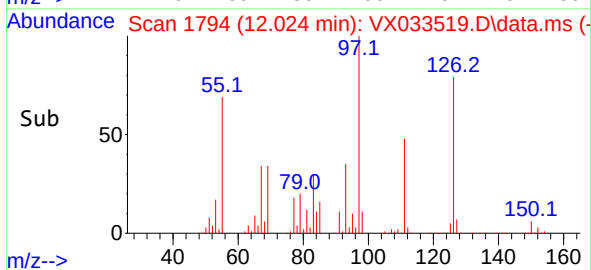
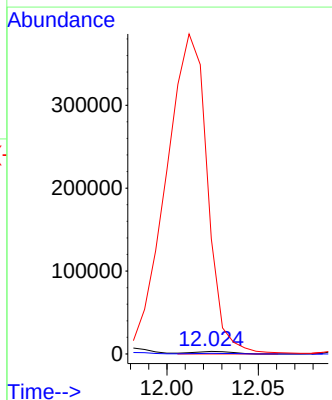
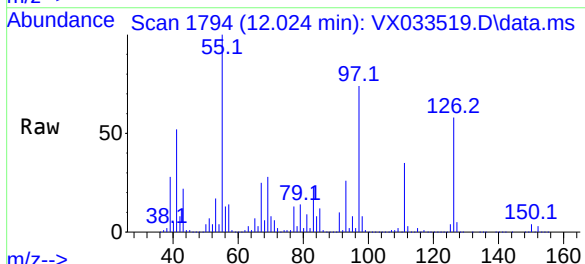
Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-1

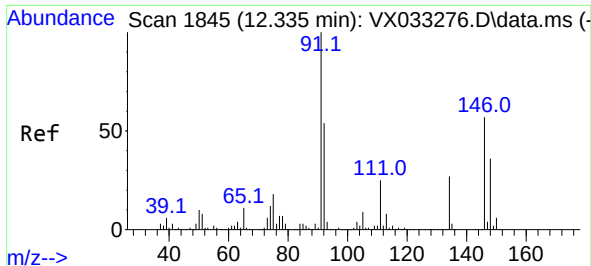
Tgt Ion:105 Resp: 22335
 Ion Ratio Lower Upper
 105 100
 134 5.3 9.9 29.7#



#86
 p-Isopropyltoluene
 Concen: 0.616 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.013 min
 Lab File: VX033519.D
 Acq: 20 Dec 2022 19:30

Tgt Ion:119 Resp: 4484
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 13680.6 12.5 37.5#

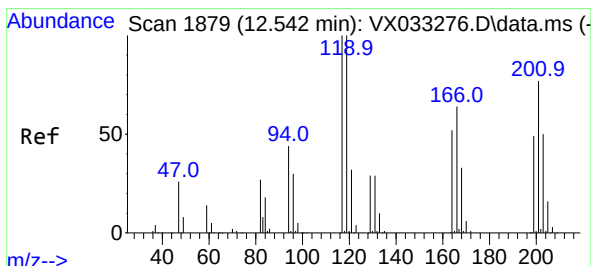
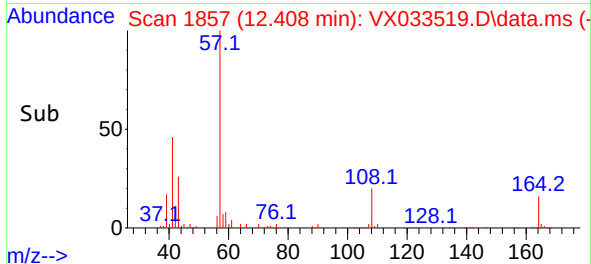
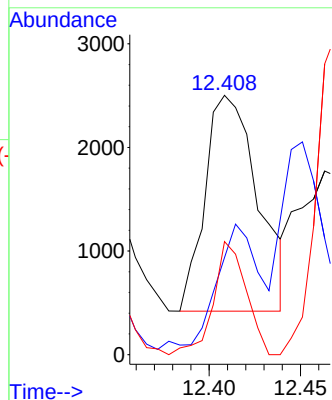
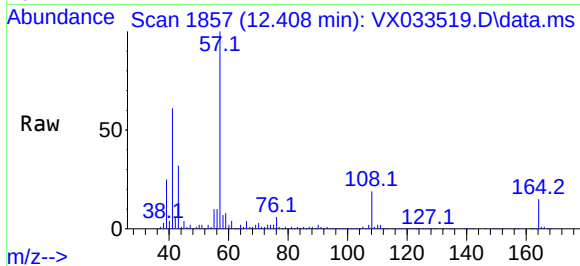




#89
n-Butylbenzene
Concen: 0.703 ug/l
RT: 12.408 min Scan# 1845
Delta R.T. 0.074 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

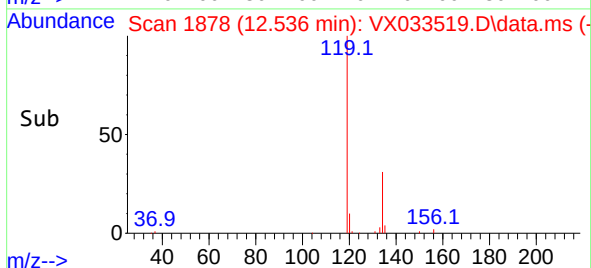
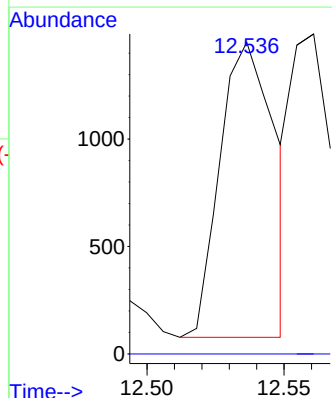
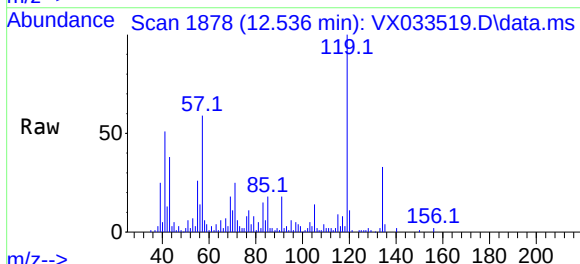
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

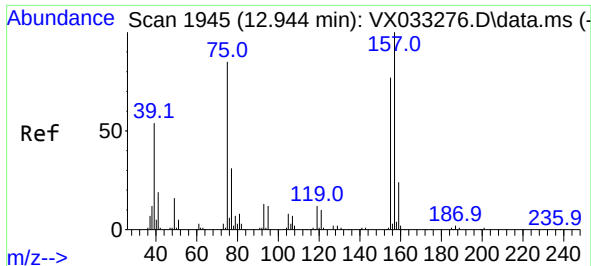
Tgt Ion: 91	Resp: 4189
Ion Ratio	Lower Upper
91 100	
92 47.3	26.2 78.6
134 32.3	12.9 38.6



#90
Hexachloroethane
Concen: 1.546 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Tgt Ion:117	Resp:	1913	
Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.6	112.9#

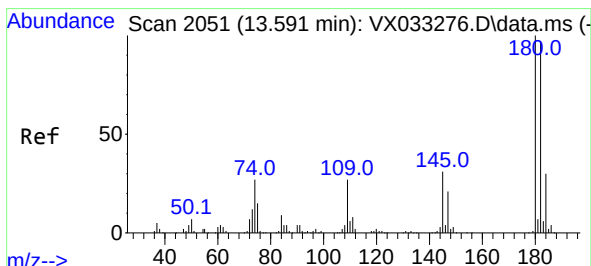
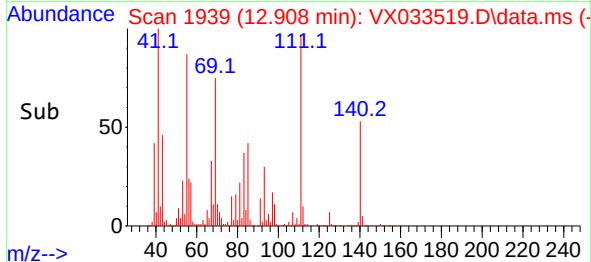
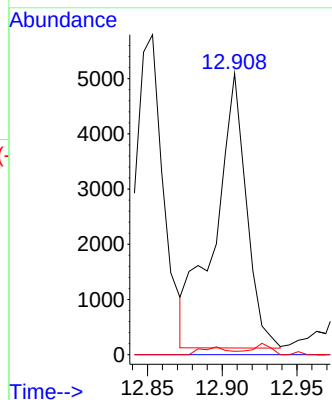
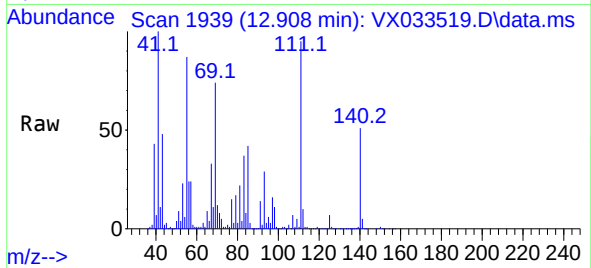




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.162 ug/l
 RT: 12.908 min Scan# 1945
 Delta R.T. -0.036 min
 Lab File: VX033519.D
 Acq: 20 Dec 2022 19:30

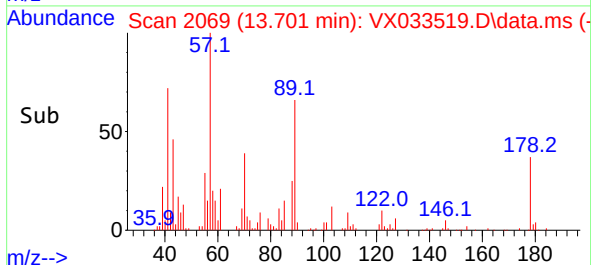
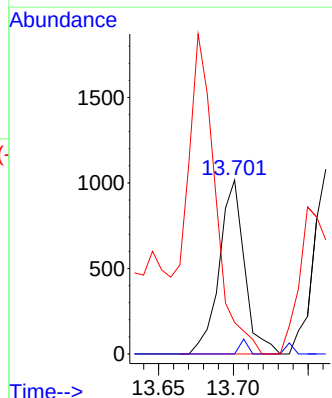
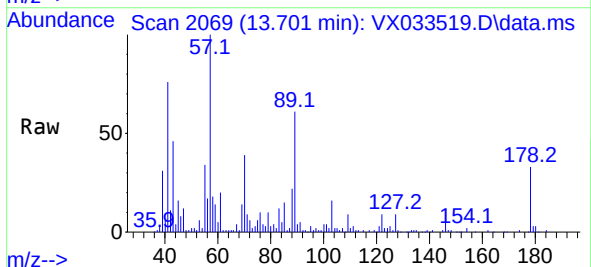
Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-1

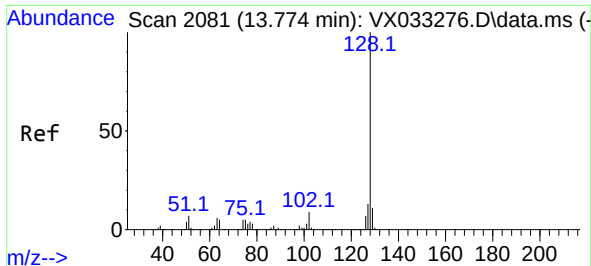
Tgt Ion: 75 Resp: 7266
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.6 124.8#
 157 2.4 54.1 162.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.495 ug/l
 RT: 13.701 min Scan# 2069
 Delta R.T. 0.110 min
 Lab File: VX033519.D
 Acq: 20 Dec 2022 19:30

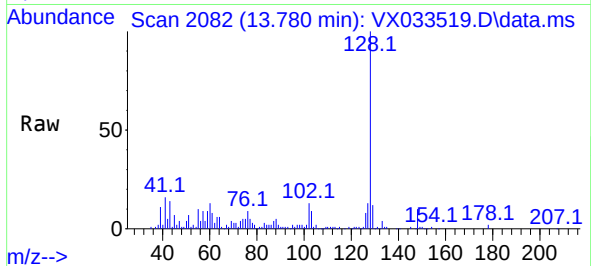
Tgt Ion: 180 Resp: 1193
 Ion Ratio Lower Upper
 180 100
 182 2.7 48.4 145.0#
 145 0.0 16.2 48.5#





#95
Naphthalene
Concen: 5.710 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX033519.D
Acq: 20 Dec 2022 19:30

Instrument :
MSVOA_X
ClientSampleId :
WEST-1



Tgt Ion:128 Resp: 45868
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 0.0 8.9 13.3#

