

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033331.D
 Acq On : 08 Dec 2022 18:13
 Operator : JC/MD
 Sample : N5906-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H-1R

Quant Time: Dec 09 00:52:38 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	148147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108101	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45524	47.899	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.800%
35) Dibromofluoromethane	5.385	113	50673	47.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.880%
50) Toluene-d8	8.647	98	113686	51.408	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.820%
62) 4-Bromofluorobenzene	11.079	95	91791	54.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.580%

Target Compounds						Qvalue
3) Chloromethane	1.294	50	393	0.328	ug/l #	43
6) Chloroethane	1.837	64	1835	1.771	ug/l #	45
8) Diethyl Ether	2.136	74	386	0.417	ug/l	86
11) Tert butyl alcohol	2.983	59	340416	1171.536	ug/l	100
13) Acrolein	2.215	56	172	0.546	ug/l #	1
14) Allyl chloride	2.782	41	27101	12.636	ug/l #	59
15) Acrylonitrile	3.105	53	2842	3.948	ug/l #	37
16) Acetone	2.392	43	2821	4.011	ug/l	90
18) Methyl Acetate	2.782	43	63250	31.067	ug/l #	51
19) Methyl tert-butyl Ether	3.111	73	58846	12.649	ug/l #	1
20) Methylene Chloride	2.794	84	374	0.238	ug/l #	1
22) Diisopropyl ether	3.757	45	93619	20.373	ug/l #	86
23) Vinyl Acetate	3.757	43	49799	13.962	ug/l #	72
25) 2-Butanone	4.593	43	1226	1.214	ug/l	95
26) 2,2-Dichloropropane	4.306	77	535	0.269	ug/l #	53
29) Tetrahydrofuran	5.038	42	524	0.801	ug/l #	43
30) Chloroform	5.160	83	6683	2.230	ug/l #	38
31) Cyclohexane	5.470	56	28809	12.755	ug/l #	90
36) 1,1-Dichloropropene	5.550	75	11019	5.346	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15391	6.665	ug/l #	16
39) Methylcyclohexane	7.379	83	20756	8.997	ug/l #	66
40) Benzene	6.037	78	286274	47.639	ug/l	100
41) Methacrylonitrile	4.891	41	394	0.367	ug/l #	4
42) 1,2-Dichloroethane	6.044	62	2467	1.034	ug/l #	77
43) Isopropyl Acetate	6.361	43	4044	1.290	ug/l #	61
45) 1,2-Dichloropropane	7.373	63	444	0.289	ug/l #	1
47) Bromodichloromethane	7.879	83	1875	0.822	ug/l #	25
48) Methyl methacrylate	7.659	41	1972	1.219	ug/l #	3
51) 4-Methyl-2-Pentanone	8.610	43	3467	1.749	ug/l #	53
52) Toluene	8.720	92	4908	1.263	ug/l	89
53) t-1,3-Dichloropropene	9.159	75	23	2.514	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	16815	10.296	ug/l #	19
56) Ethyl methacrylate	9.104	69	3946	1.716	ug/l #	25
58) 2-Chloroethyl Vinyl ether	8.189	63	308	0.293	ug/l #	46
59) 2-Hexanone	9.445	43	2262	1.548	ug/l	89
67) Ethyl Benzene	10.195	91	117629	15.623	ug/l	97

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

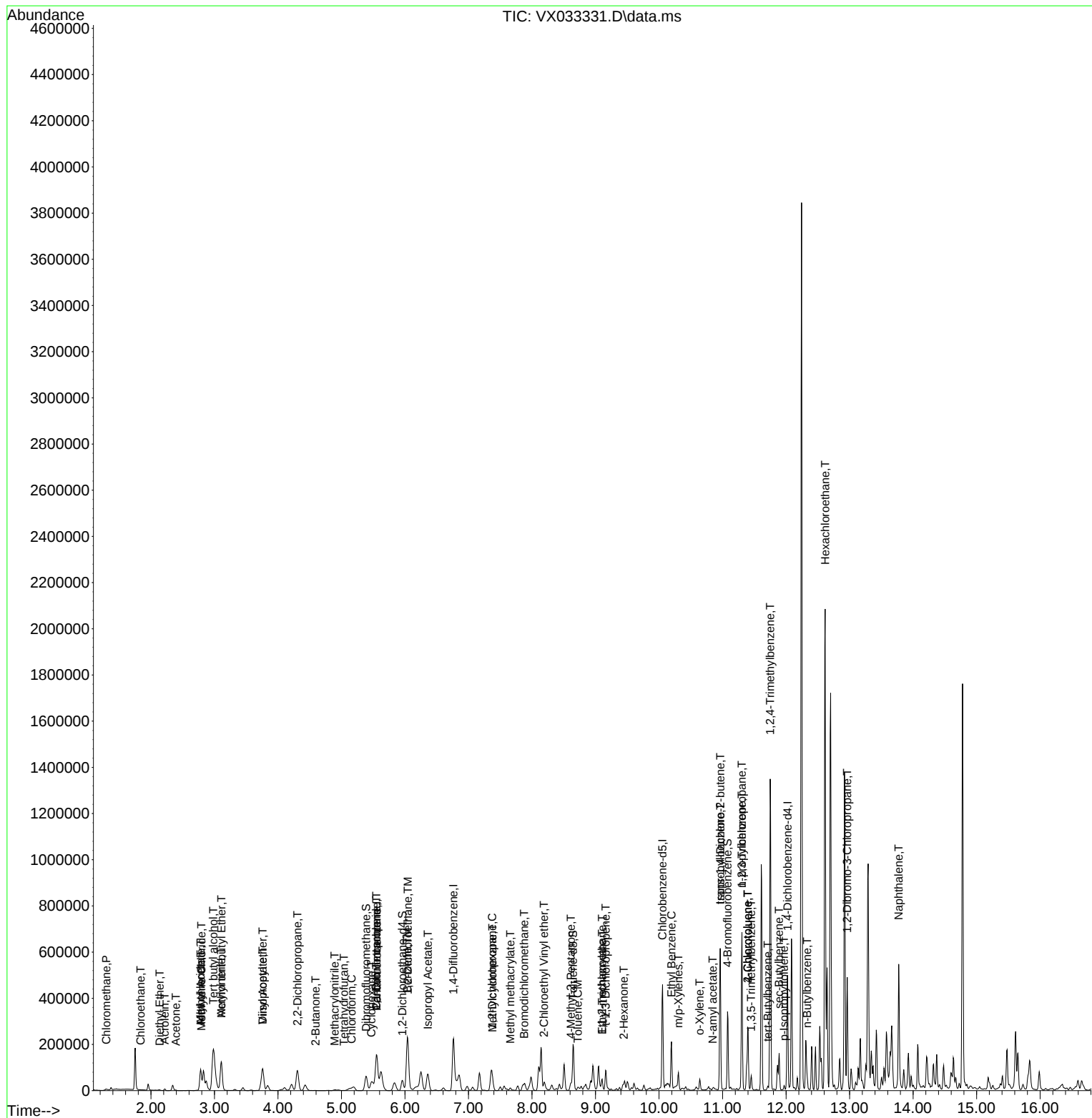
68) m/p-Xylenes	10.305	106	15772	5.384	ug/l	98
69) o-Xylene	10.640	106	9582	3.309	ug/l	95
73) Isopropylbenzene	10.963	105	314691	40.163	ug/l	100
74) N-amyl acetate	10.848	43	674	0.252	ug/l #	1
76) 1,2,3-Trichloropropane	11.305	75	2600	1.182	ug/l #	1
78) n-propylbenzene	11.305	91	396299	45.298	ug/l	100
79) 2-Chlorotoluene	11.396	91	21146	3.911	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.451	105	26104	4.002	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.963	75	3556	5.030	ug/l #	66
82) 4-Chlorotoluene	11.396	91	21146	3.363	ug/l #	45
83) tert-Butylbenzene	11.713	119	4850	0.746	ug/l	82
84) 1,2,4-Trimethylbenzene	11.750	105	592028	90.935	ug/l	99
85) sec-Butylbenzene	11.890	105	83175	10.961	ug/l	96
86) p-Isopropyltoluene	11.969	119	7768	1.187	ug/l #	50
89) n-Butylbenzene	12.329	91	39375	7.348	ug/l #	48
90) Hexachloroethane	12.616	117	88519	79.601	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1436	2.675	ug/l #	1
95) Naphthalene	13.774	128	331622	45.940	ug/l	99

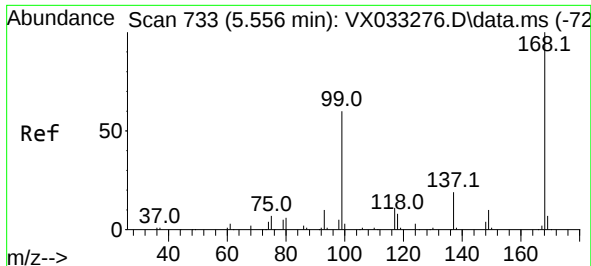
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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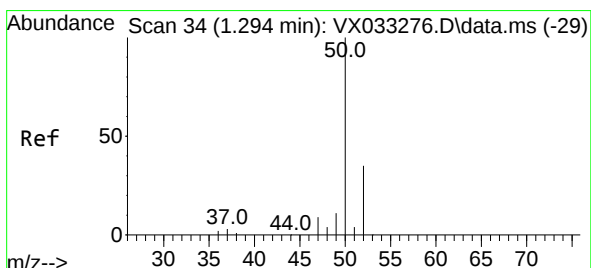
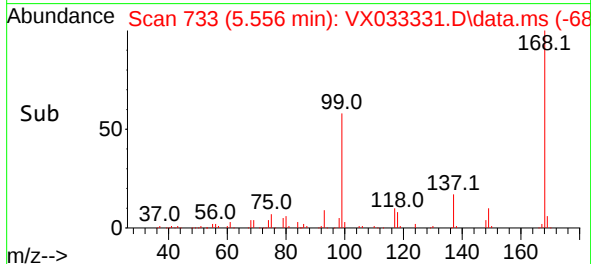
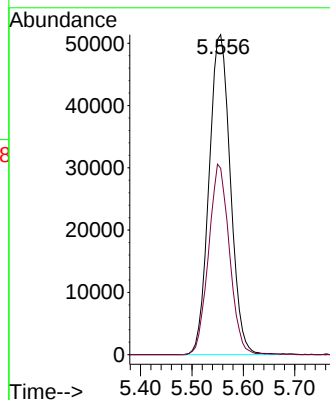
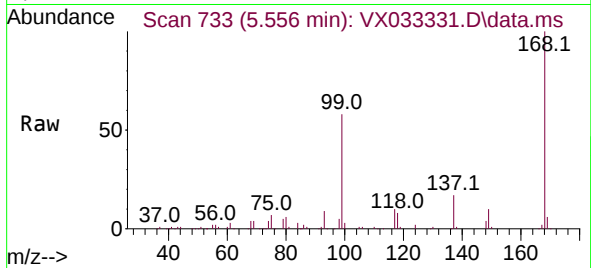




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033331.D
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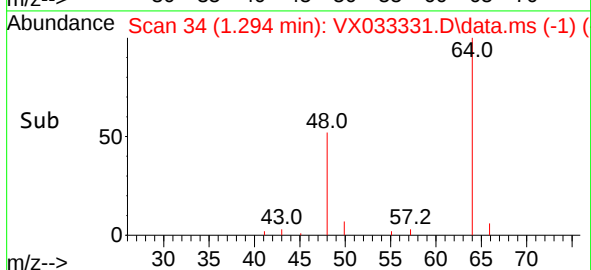
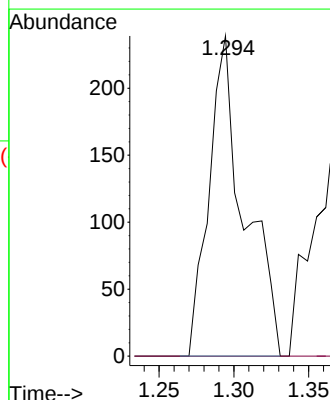
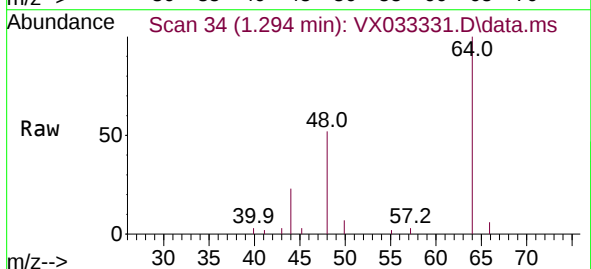
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ClientSampleId :
H-1R

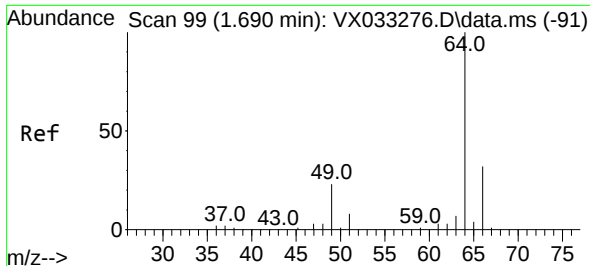
Tgt Ion:168 Resp: 148147
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1



#3
Chloromethane
Concen: 0.328 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 50 Resp: 393
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

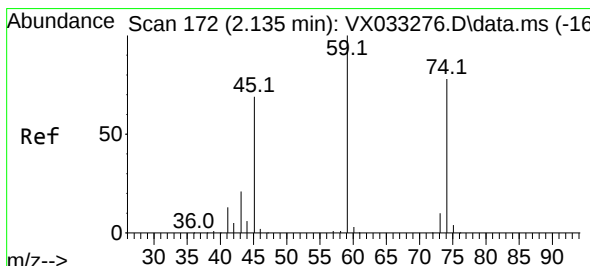
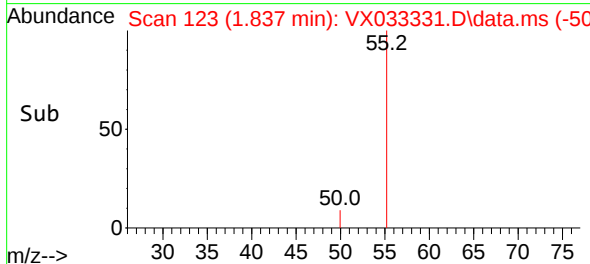
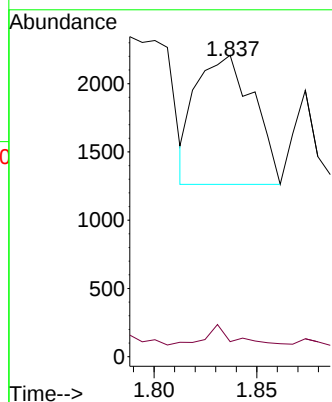
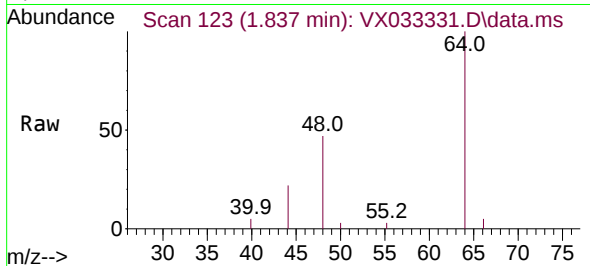




#6
Chloroethane
Concen: 1.771 ug/l
RT: 1.837 min Scan# 11
Delta R.T. 0.147 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

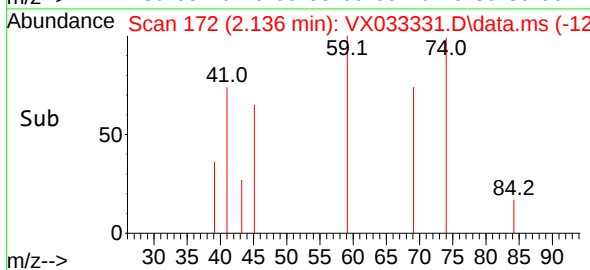
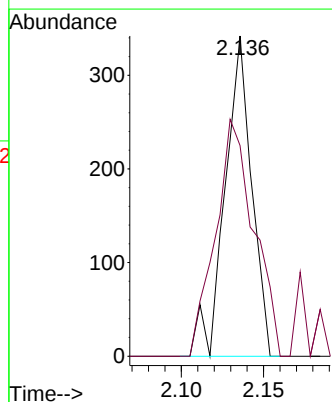
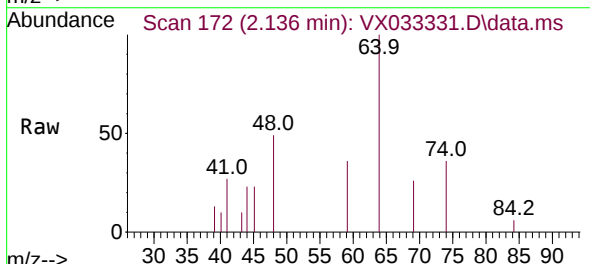
Instrument :
MSVOA_X
ClientSampleId :
H-1R

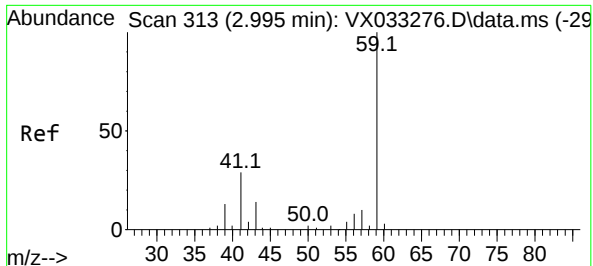
Tgt Ion: 64 Resp: 1835
Ion Ratio Lower Upper
64 100
66 1.7 26.0 39.0#



#8
Diethyl Ether
Concen: 0.417 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 74 Resp: 386
Ion Ratio Lower Upper
74 100
45 106.5 46.6 139.7





#11

Tert butyl alcohol

Concen: 1171.536 ug/l

RT: 2.983 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX033331.D

Acq: 08 Dec 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

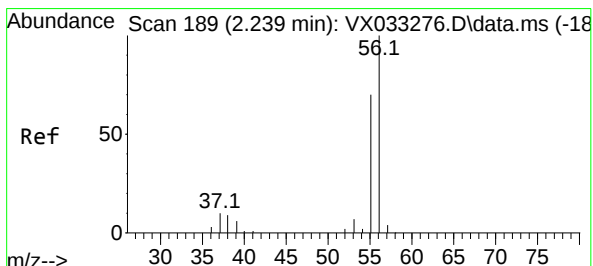
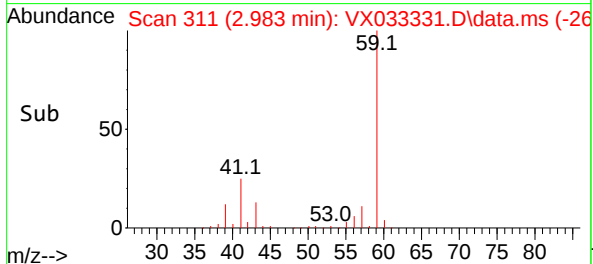
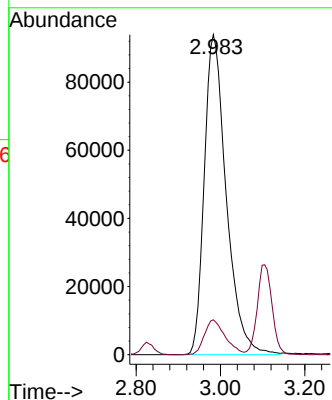
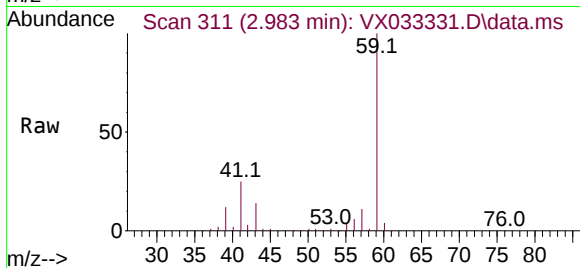
H-1R

Tgt Ion: 59 Resp: 340416

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.4



#13

Acrolein

Concen: 0.546 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.024 min

Lab File: VX033331.D

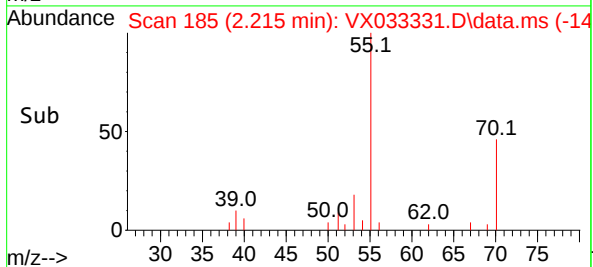
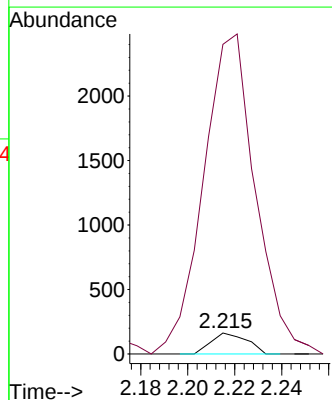
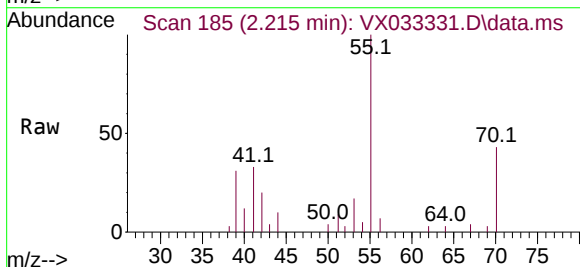
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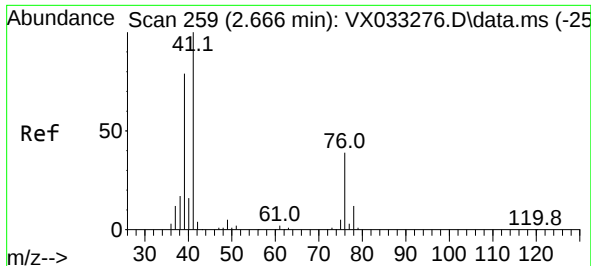
Tgt Ion: 56 Resp: 172

Ion Ratio Lower Upper

56 100

55 2224.4 56.9 85.3#

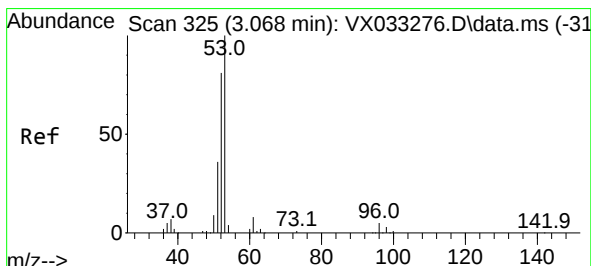
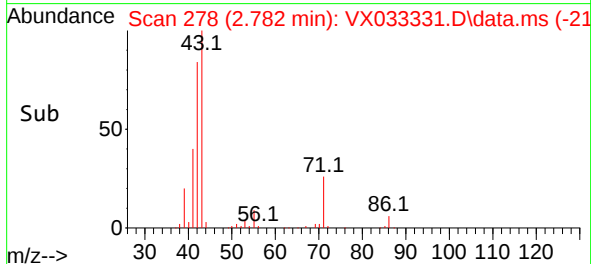
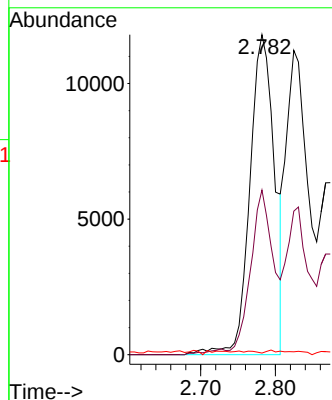
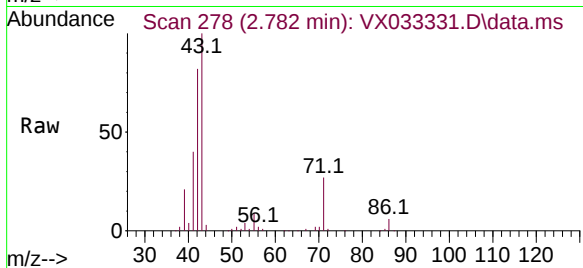




#14
 Allyl chloride
 Concen: 12.636 ug/l
 RT: 2.782 min Scan# 21
 Delta R.T. 0.116 min
 Lab File: VX033331.D
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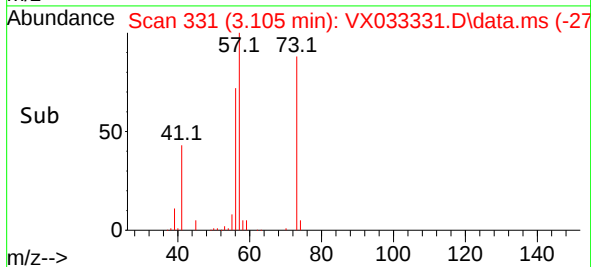
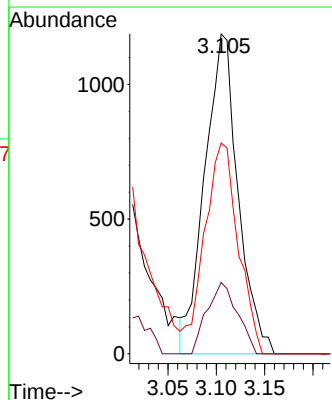
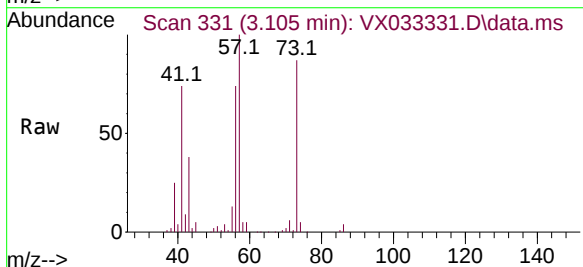
Instrument :
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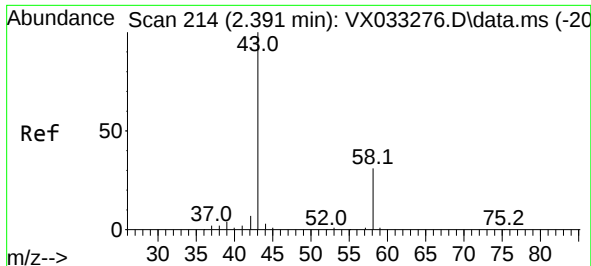
Tgt Ion: 41 Resp: 27101
 Ion Ratio Lower Upper
 41 100
 39 49.0 61.4 92.2#
 76 0.6 29.2 43.8#



#15
 Acrylonitrile
 Concen: 3.948 ug/l
 RT: 3.105 min Scan# 331
 Delta R.T. 0.037 min
 Lab File: VX033331.D
 Acq: 08 Dec 2022 18:13

Tgt Ion: 53 Resp: 2842
 Ion Ratio Lower Upper
 53 100
 52 20.4 67.4 101.0#
 51 66.7 30.3 45.5#

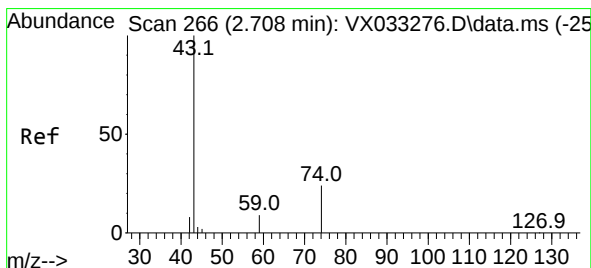
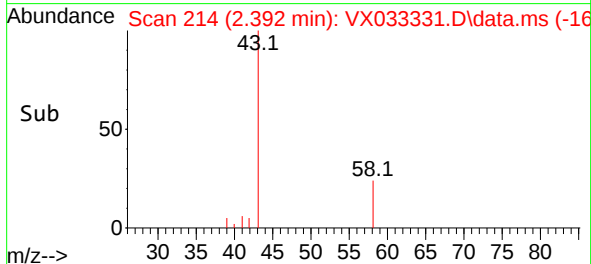
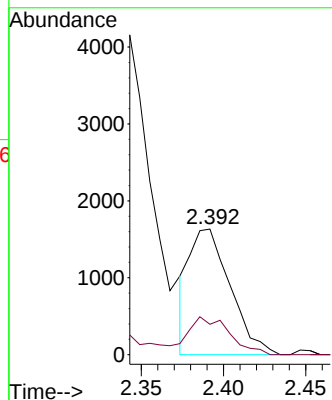
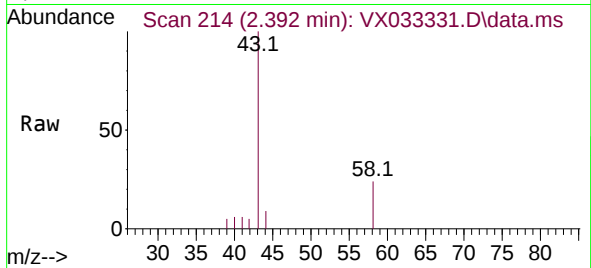




#16
Acetone
Concen: 4.011 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

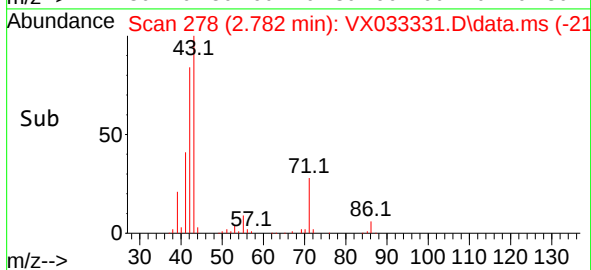
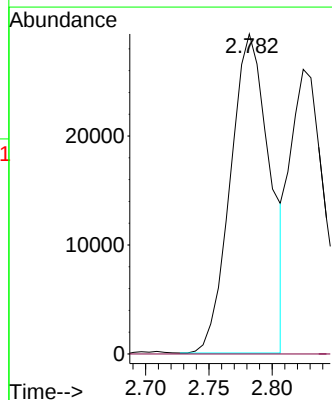
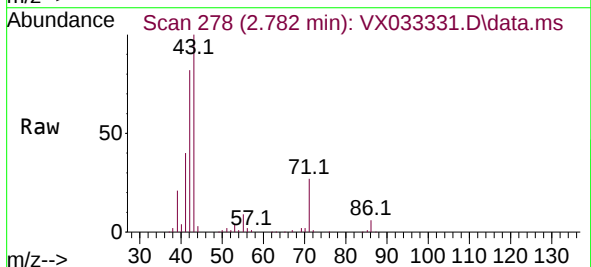
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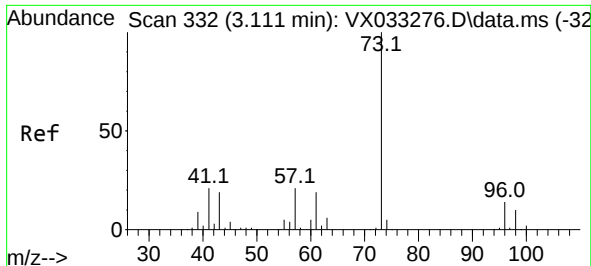
Tgt Ion: 43 Resp: 2821
Ion Ratio Lower Upper
43 100
58 24.2 23.8 35.8



#18
Methyl Acetate
Concen: 31.067 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.073 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 43 Resp: 63250
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

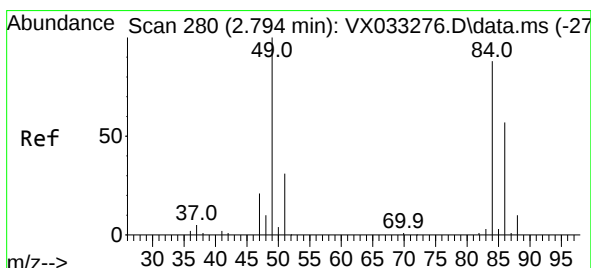
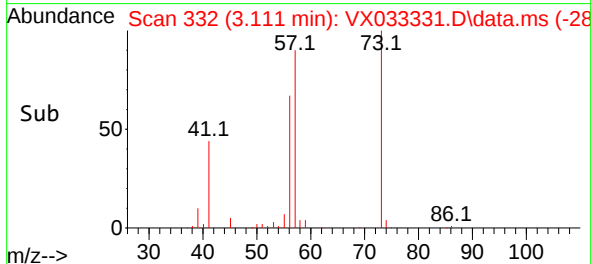
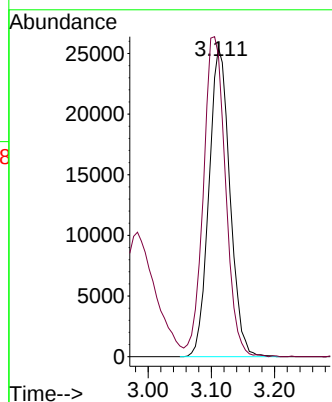
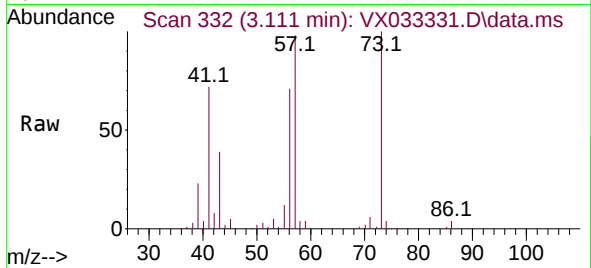




#19
Methyl tert-butyl Ether
Concen: 12.649 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033331.D
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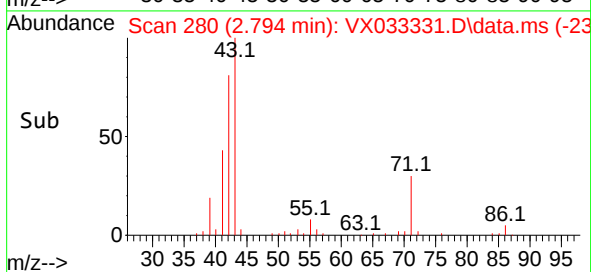
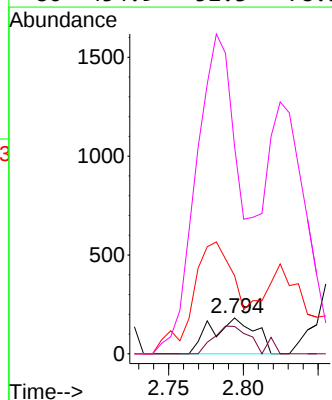
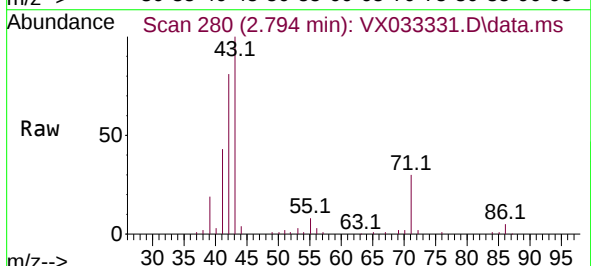
Instrument :
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ClientSampleId :
H-1R

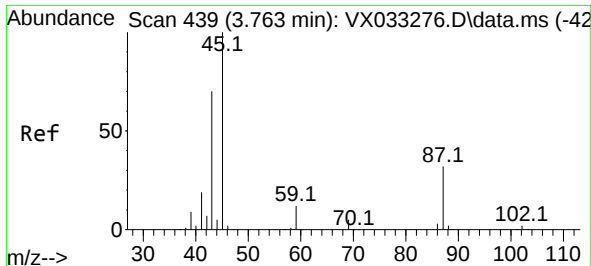
Tgt Ion: 73 Resp: 58846
Ion Ratio Lower Upper
73 100
57 97.7 16.6 25.0#



#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 84 Resp: 374
Ion Ratio Lower Upper
84 100
49 76.4 101.0 151.6#
51 180.8 31.1 46.7#
86 454.9 52.3 78.5#

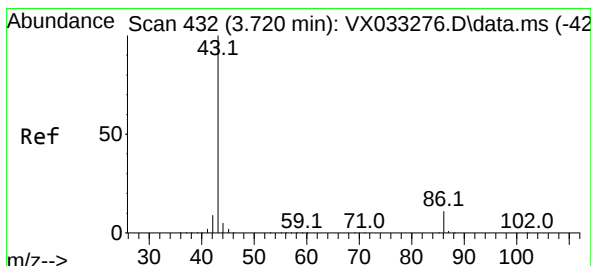
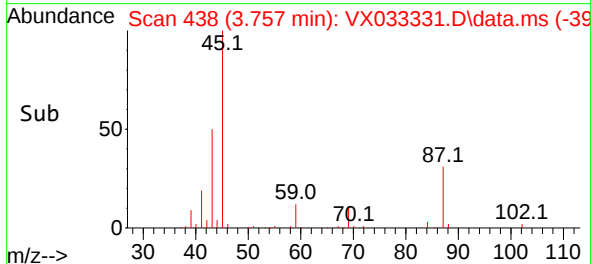
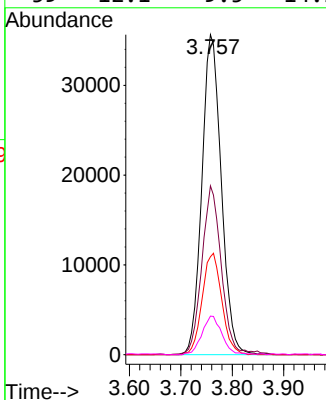
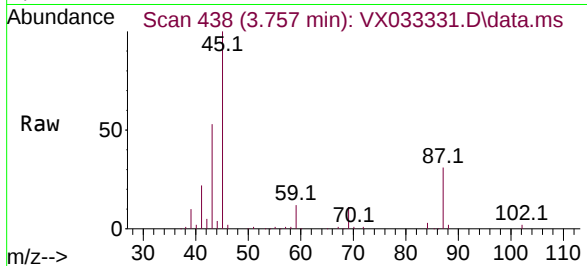




#22
Diisopropyl ether
Concen: 20.373 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

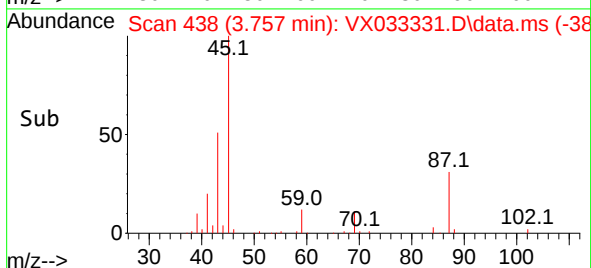
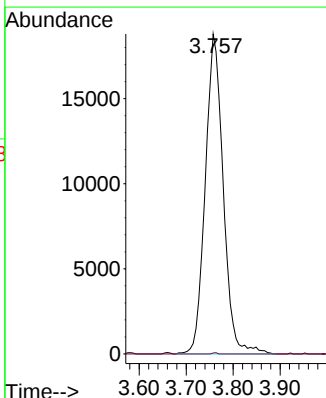
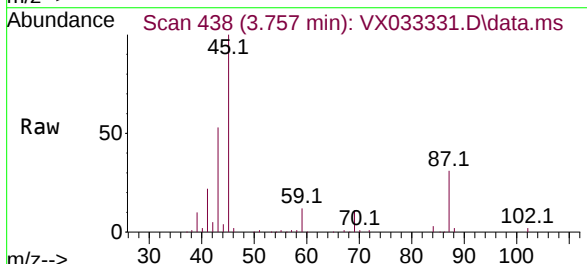
Instrument :
MSVOA_X
ClientSampleId :
H-1R

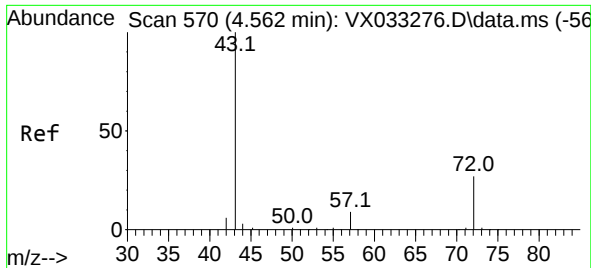
Tgt Ion:	45	Resp:	93619
Ion	Ratio	Lower	Upper
45	100		
43	52.7	56.4	84.6#
87	30.6	24.4	36.6
59	12.1	9.5	14.3



#23
Vinyl Acetate
Concen: 13.962 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.037 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion:	43	Resp:	49799
Ion	Ratio	Lower	Upper
43	100		
86	0.3	8.6	12.8#

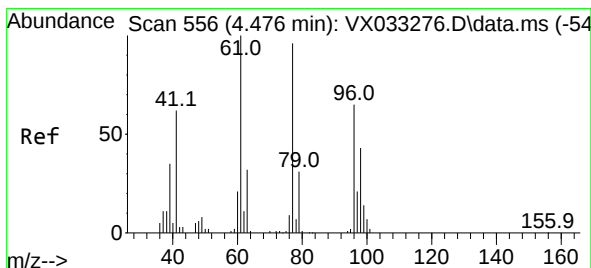
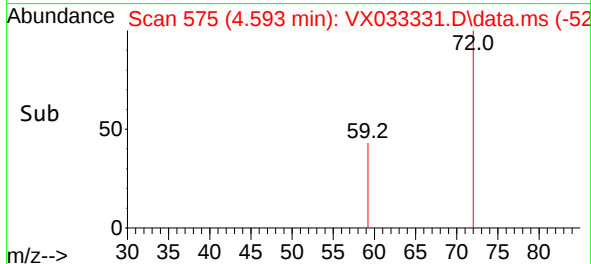
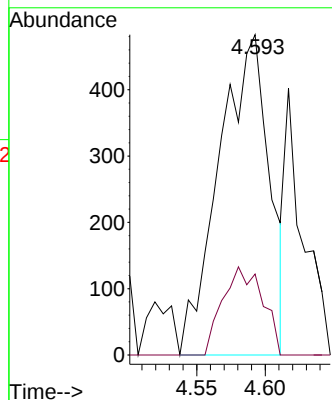
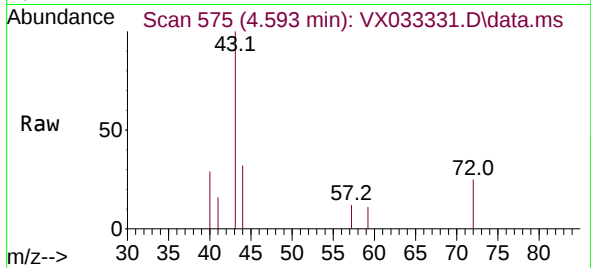




#25
2-Butanone
Concen: 1.214 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

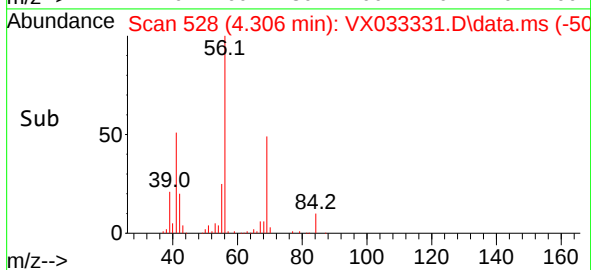
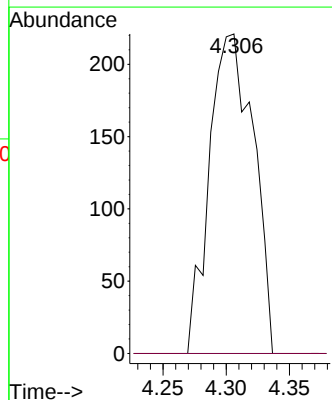
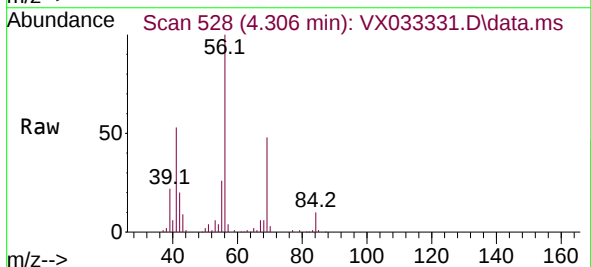
Instrument :
MSVOA_X
ClientSampleId :
H-1R

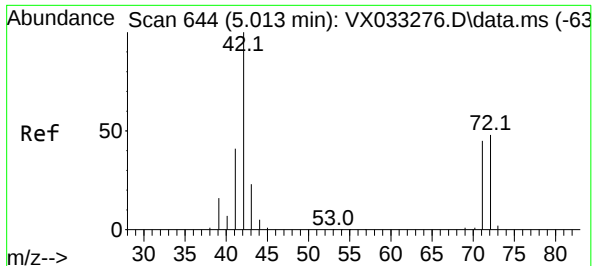
Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
72 25.3 22.2 33.2



#26
2,2-Dichloropropane
Concen: 0.269 ug/l
RT: 4.306 min Scan# 528
Delta R.T. -0.170 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 77 Resp: 535
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#





#29

Tetrahydrofuran

Concen: 0.801 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.025 min

Lab File: VX033331.D

Acq: 08 Dec 2022 18:13

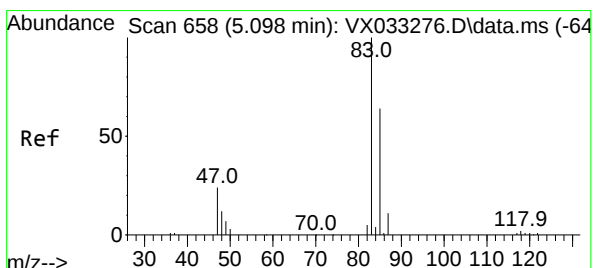
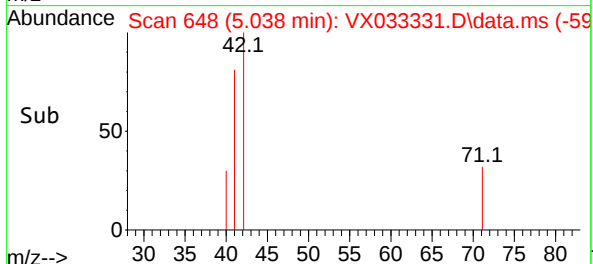
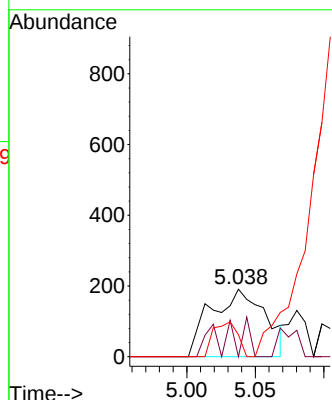
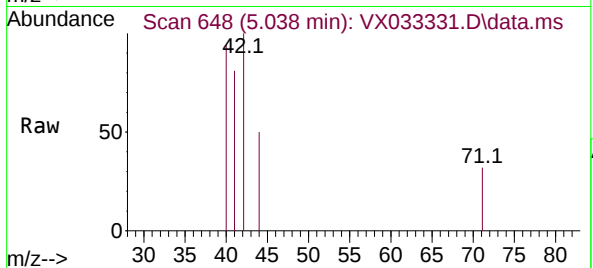
Instrument :

MSVOA_X

ClientSampleId :

H-1R

Tgt Ion:	42	Resp:	524
Ion	Ratio	Lower	Upper
42	100		
72	15.1	37.6	56.4#
71	0.0	34.7	52.1#



#30

Chloroform

Concen: 2.230 ug/l

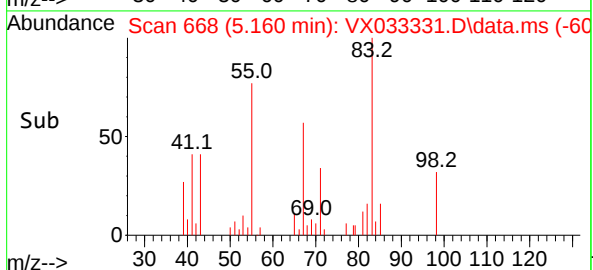
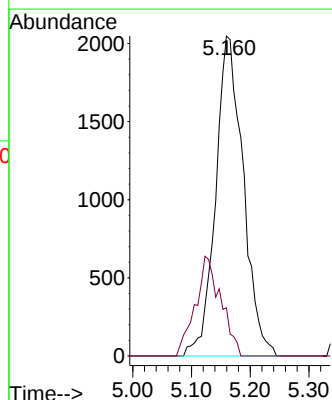
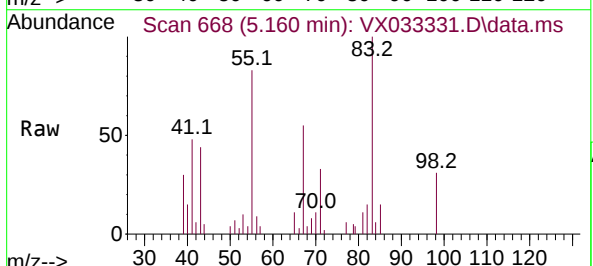
RT: 5.160 min Scan# 668

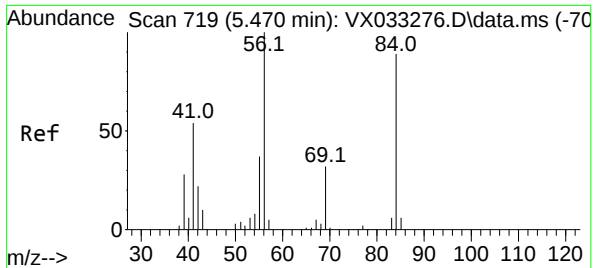
Delta R.T. 0.061 min

Lab File: VX033331.D

Acq: 08 Dec 2022 18:13

Tgt Ion:	83	Resp:	6683
Ion	Ratio	Lower	Upper
83	100		
85	15.1	51.1	76.7#

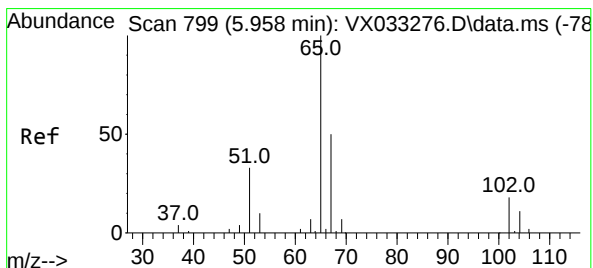
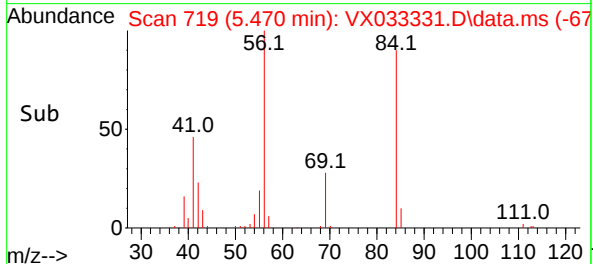
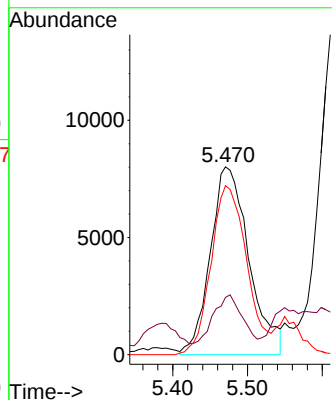
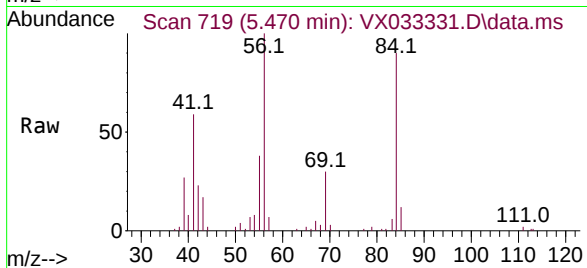




#31
Cyclohexane
Concen: 12.755 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

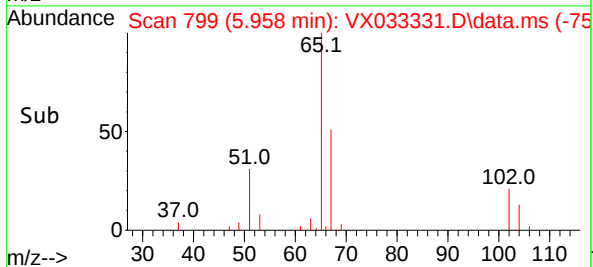
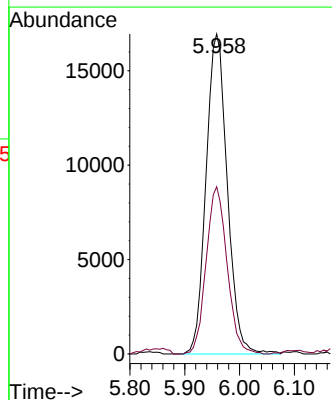
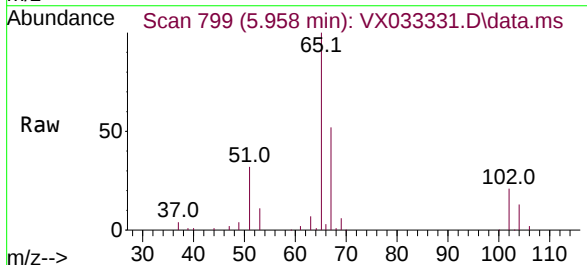
Instrument :
MSVOA_X
ClientSampleId :
H-1R

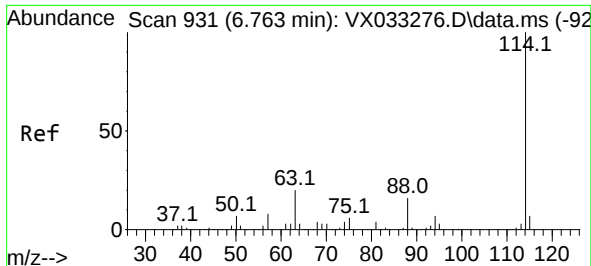
Tgt Ion: 56 Resp: 28809
Ion Ratio Lower Upper
56 100
69 21.7 24.1 36.1#
84 90.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 47.899 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 65 Resp: 45524
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8

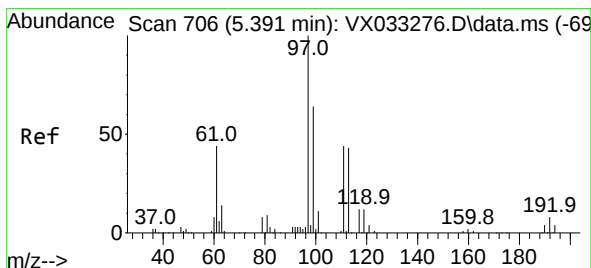
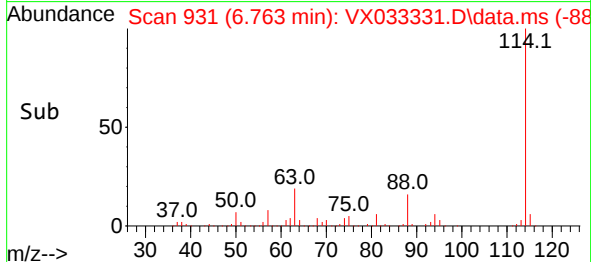
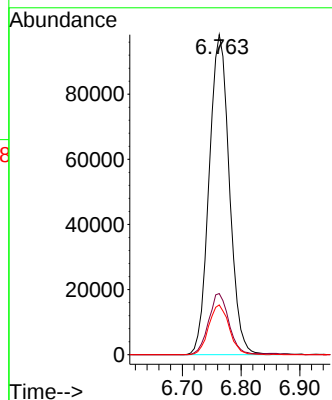
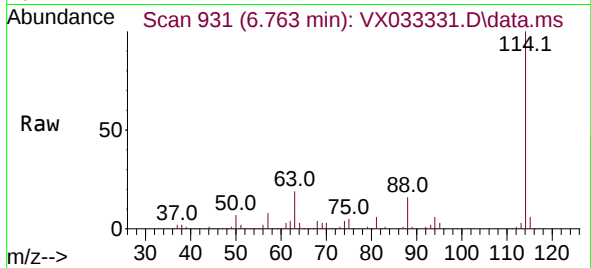




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

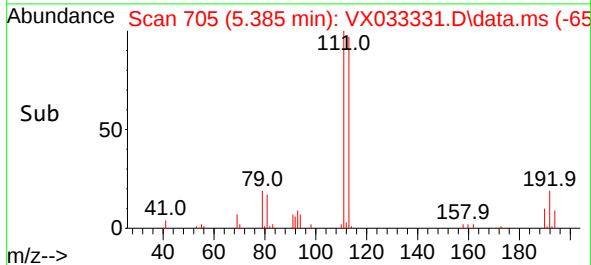
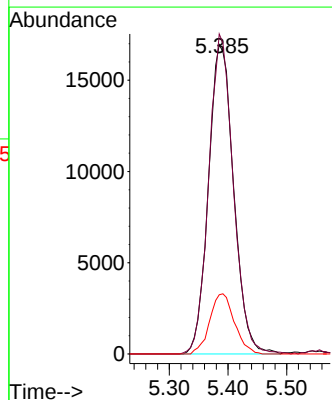
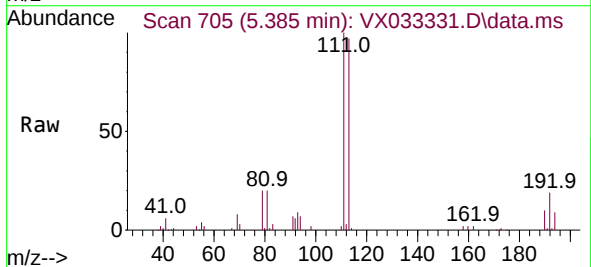
Instrument :
MSVOA_X
ClientSampleId :
H-1R

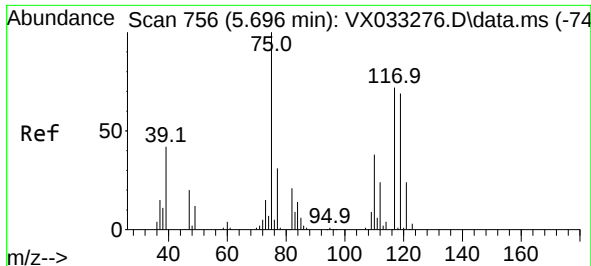
Tgt Ion:114 Resp: 235029
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.935 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion:113 Resp: 50673
Ion Ratio Lower Upper
113 100
111 100.4 82.4 123.6
192 19.0 15.4 23.2

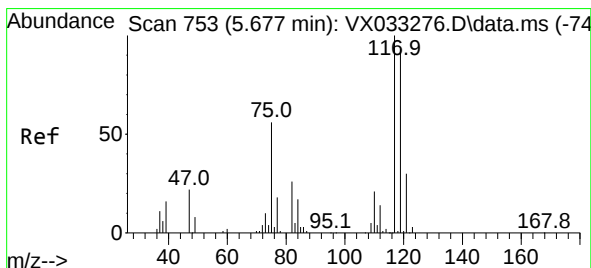
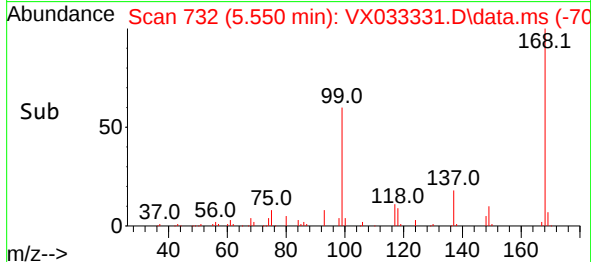
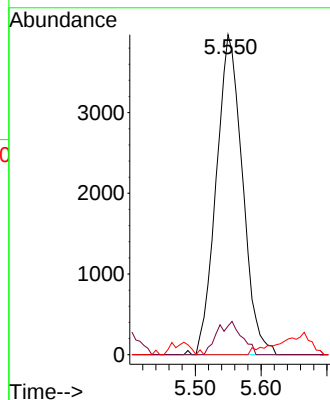
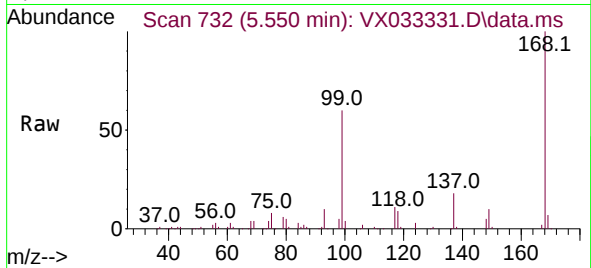




#36
1,1-Dichloropropene
Concen: 5.346 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

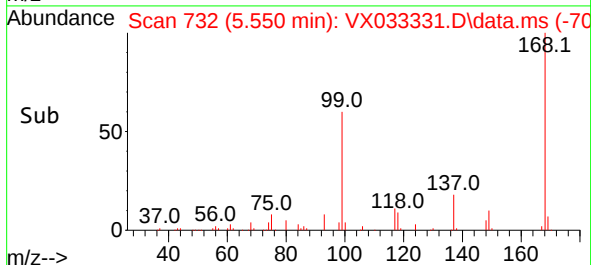
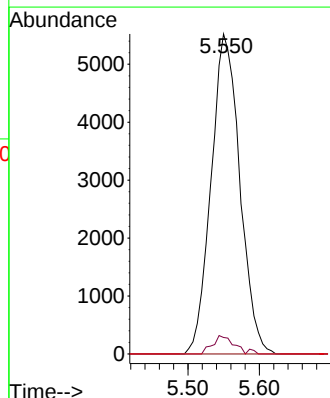
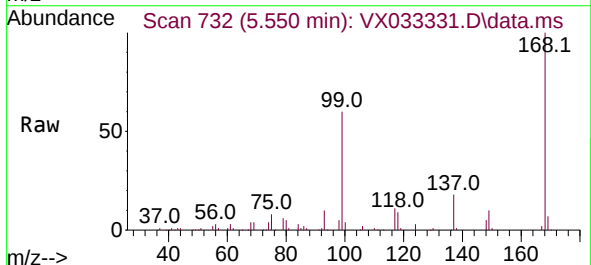
Instrument :
MSVOA_X
ClientSampleId :
H-1R

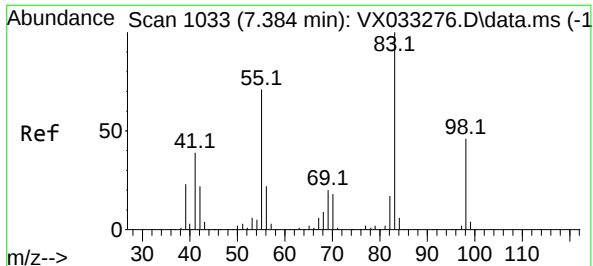
Tgt Ion: 75 Resp: 11019
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.665 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 117 Resp: 15391
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 8.997 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033331.D

Acq: 08 Dec 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

H-1R

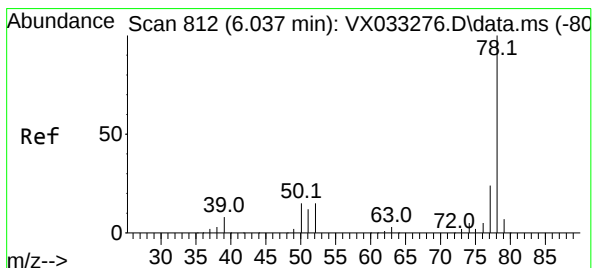
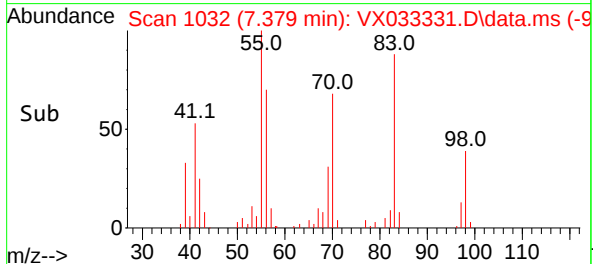
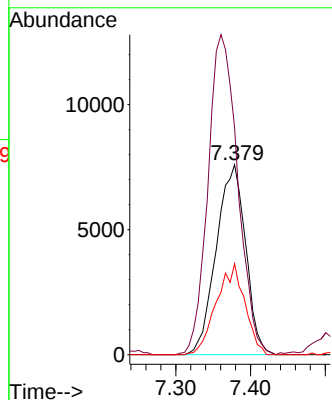
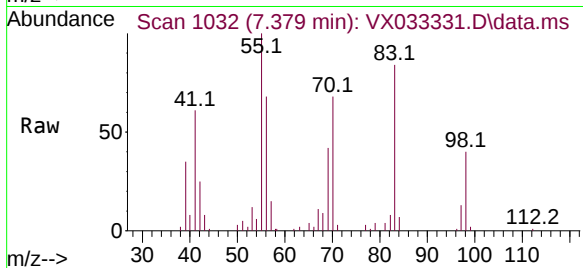
Tgt Ion: 83 Resp: 20756

Ion Ratio Lower Upper

83 100

55 118.9 58.4 87.6#

98 47.9 37.2 55.8



#40

Benzene

Concen: 47.639 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033331.D

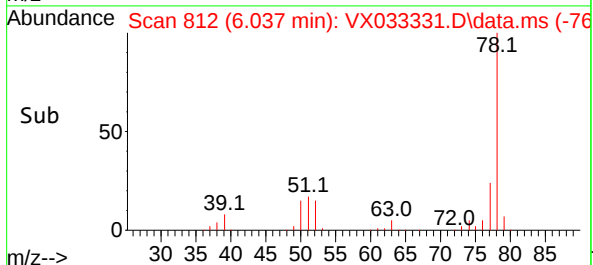
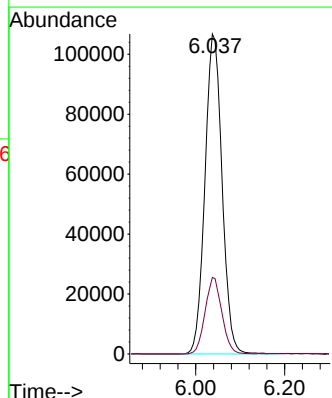
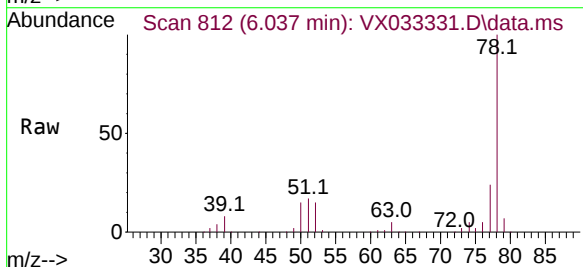
Acq: 08 Dec 2022 18:13

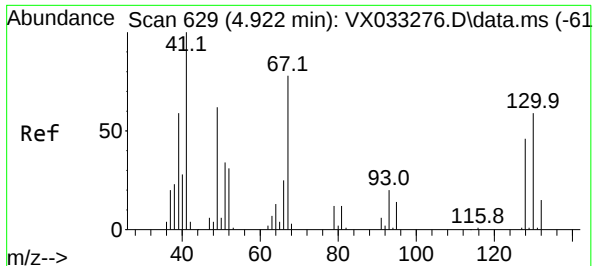
Tgt Ion: 78 Resp: 286274

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4

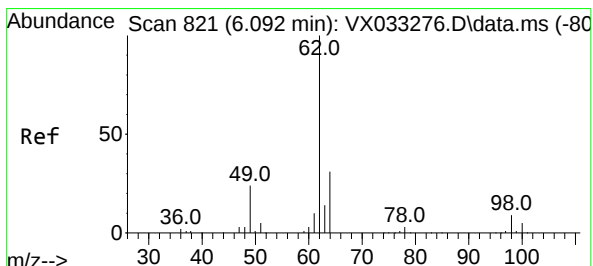
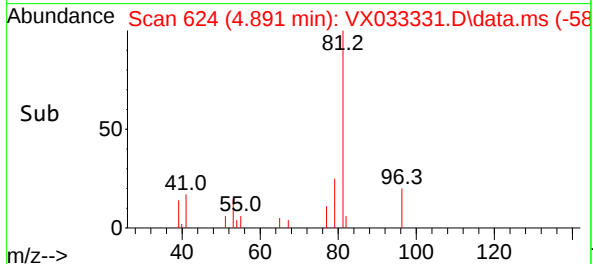
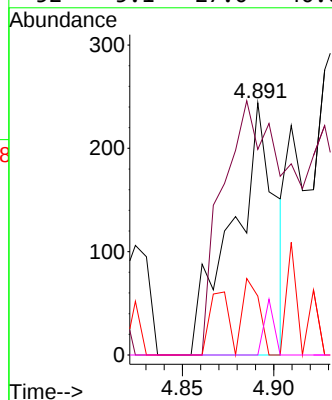
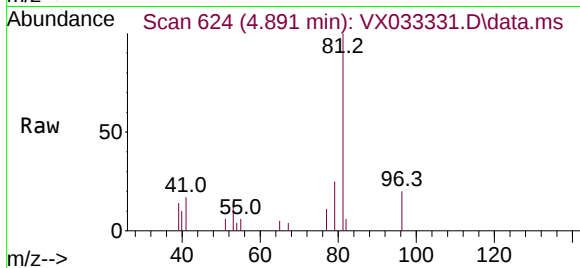




#41
Methacrylonitrile
Concen: 0.367 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.030 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

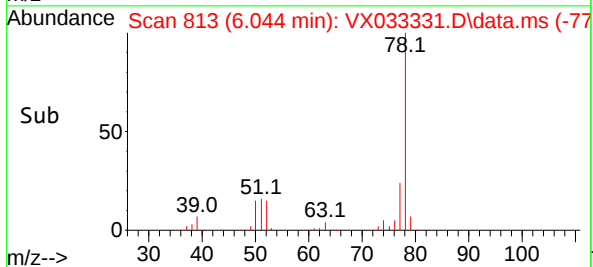
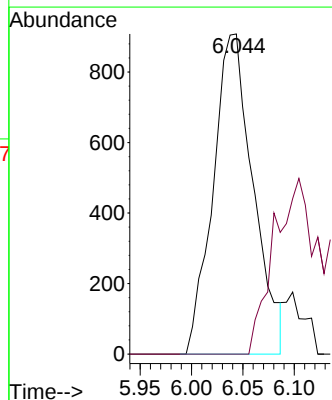
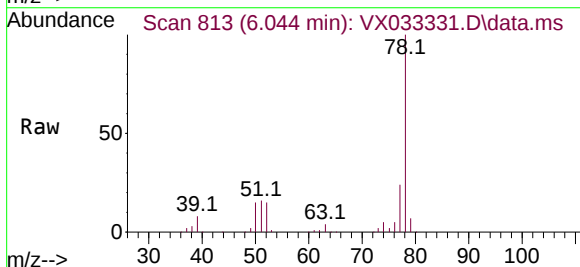
Instrument :
MSVOA_X
ClientSampleId :
H-1R

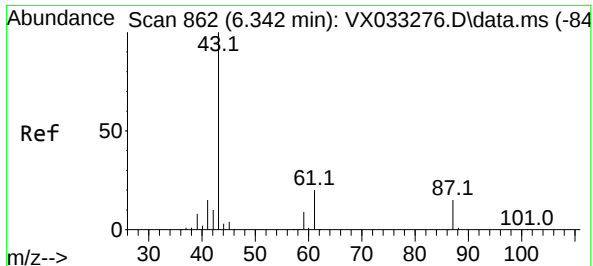
Tgt Ion: 41	Resp: 394
Ion Ratio	Lower Upper
41 100	
39 157.6	47.5 71.3#
67 0.0	60.5 90.7#
52 5.1	27.0 40.6#



#42
1,2-Dichloroethane
Concen: 1.034 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.048 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 62	Resp: 2467		
Ion Ratio	Lower	Upper	
62 100			
98 0.0	0.0	16.0	

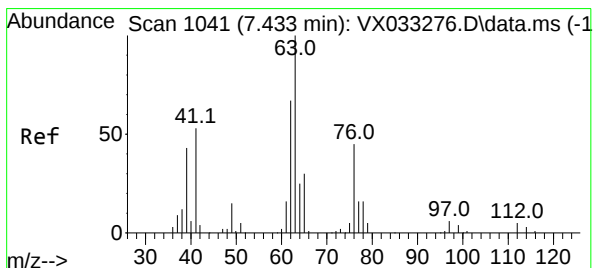
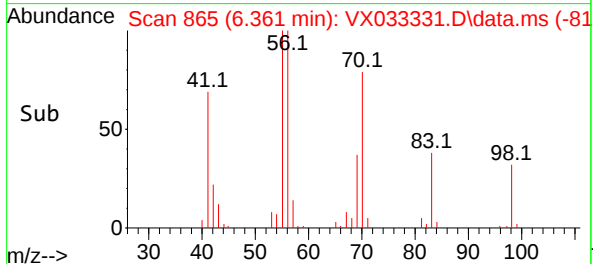
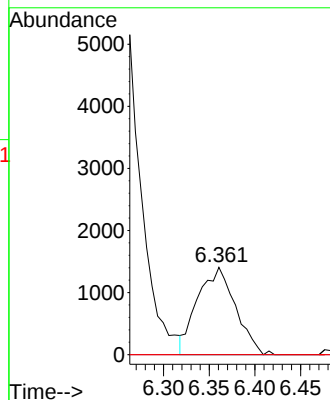
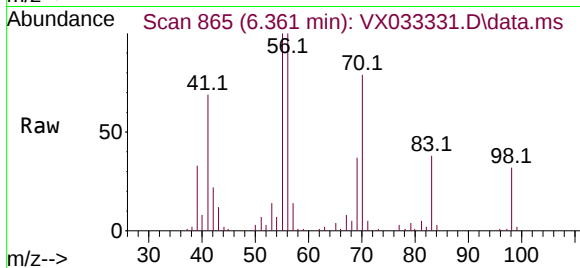




#43
Isopropyl Acetate
Concen: 1.290 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.019 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

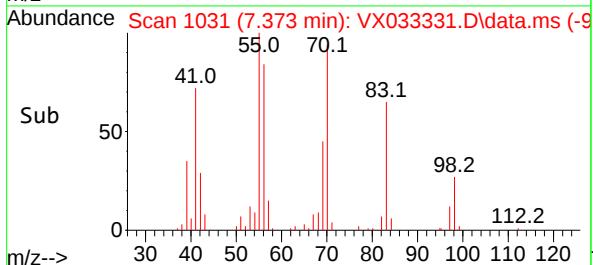
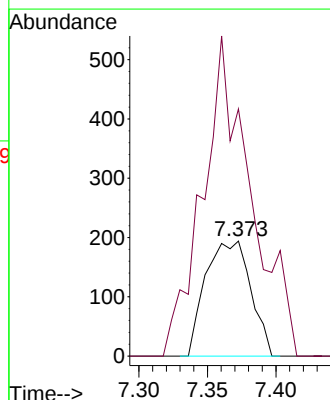
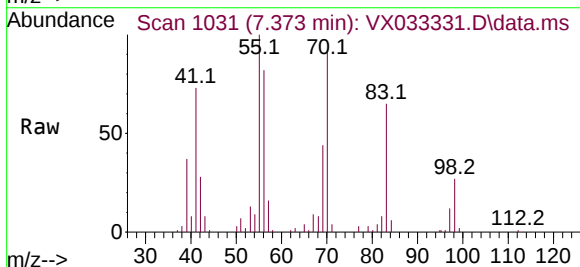
Instrument :
MSVOA_X
ClientSampleId :
H-1R

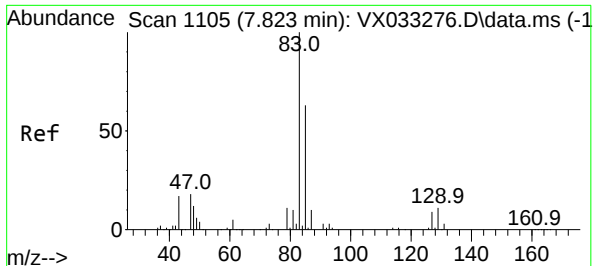
Tgt Ion: 43 Resp: 4044
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.8 16.2#



#45
1,2-Dichloropropane
Concen: 0.289 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.061 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 63 Resp: 444
Ion Ratio Lower Upper
63 100
65 157.2 24.6 36.8#

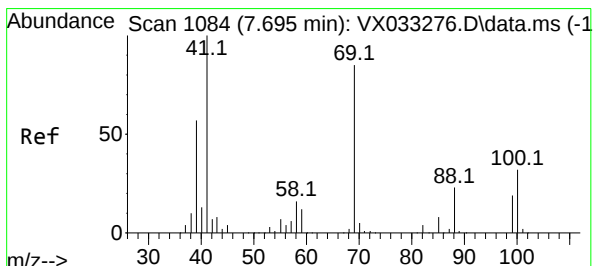
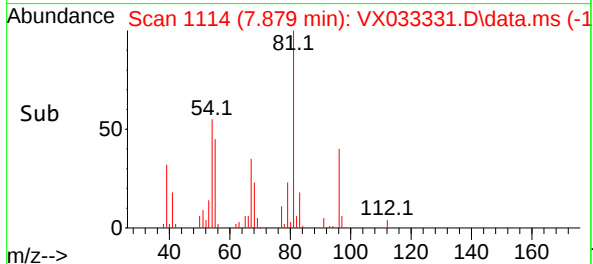
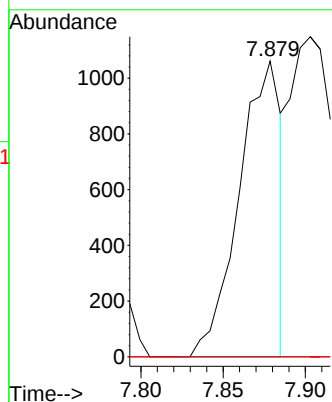
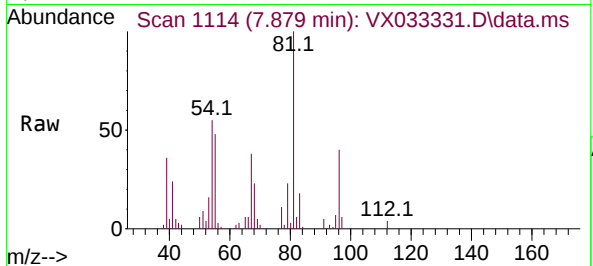




#47
Bromodichloromethane
Concen: 0.822 ug/l
RT: 7.879 min Scan# 1105
Delta R.T. 0.055 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

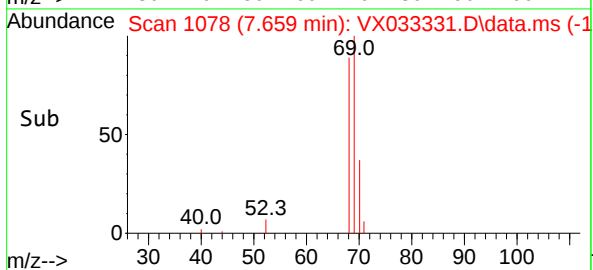
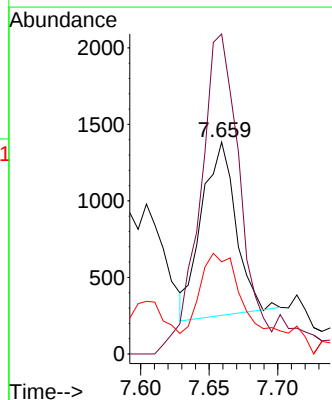
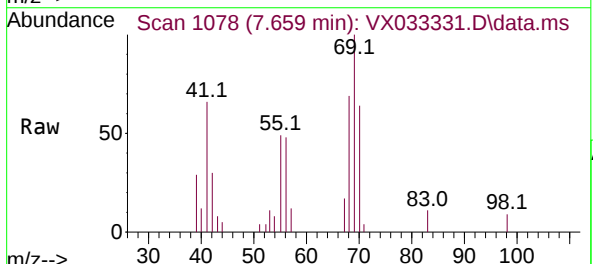
Instrument :
MSVOA_X
ClientSampleId :
H-1R

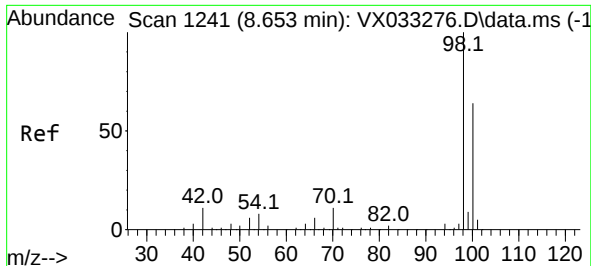
Tgt Ion: 83 Resp: 1875
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#
127 0.0 7.4 11.2#



#48
Methyl methacrylate
Concen: 1.219 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.036 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 41 Resp: 1972
Ion Ratio Lower Upper
41 100
69 215.1 65.1 97.7#
39 88.6 51.9 77.9#

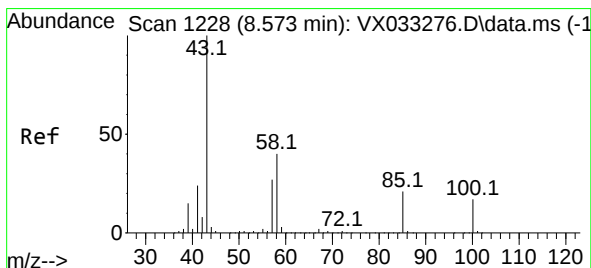
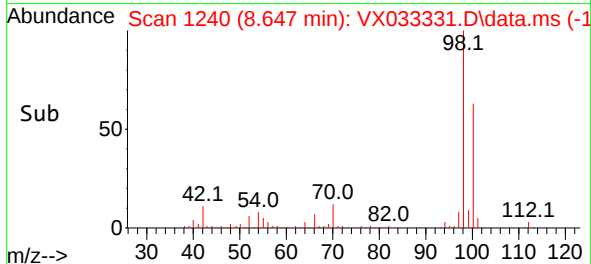
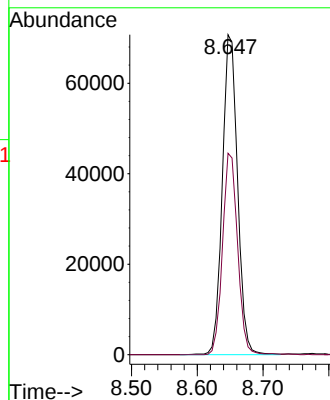
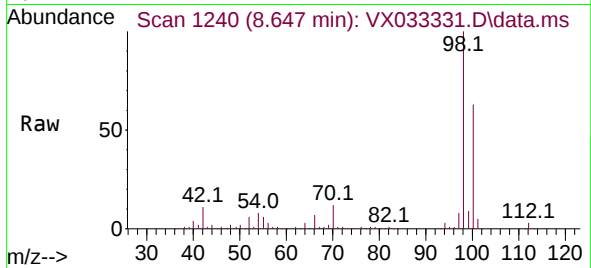




#50
Toluene-d8
Concen: 51.408 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

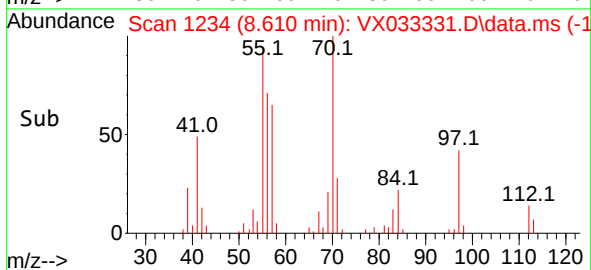
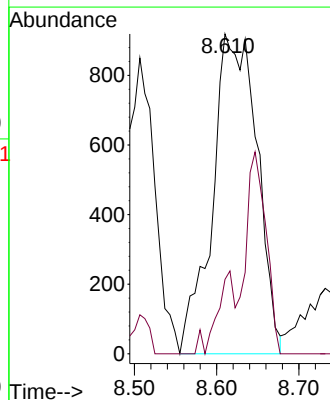
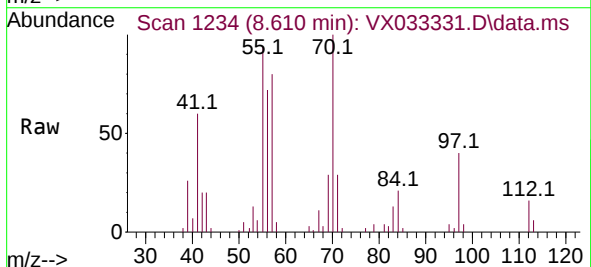
Instrument :
MSVOA_X
ClientSampleId :
H-1R

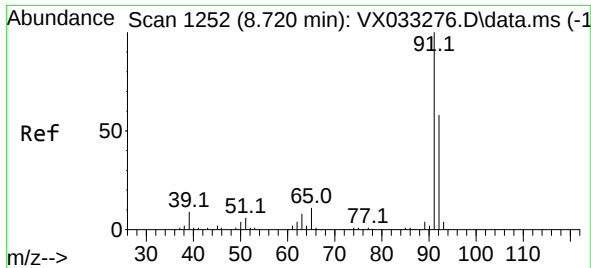
Tgt Ion: 98 Resp: 113686
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.749 ug/l
RT: 8.610 min Scan# 1234
Delta R.T. 0.037 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 43 Resp: 3467
Ion Ratio Lower Upper
43 100
58 10.0 30.9 46.3#

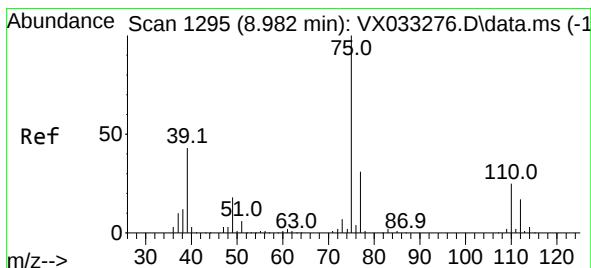
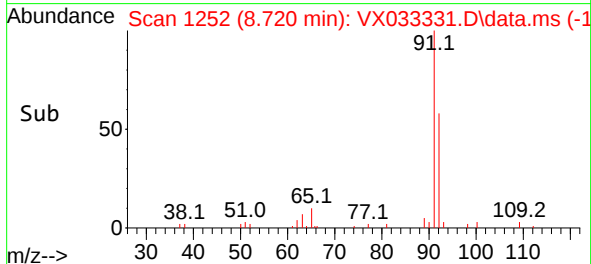
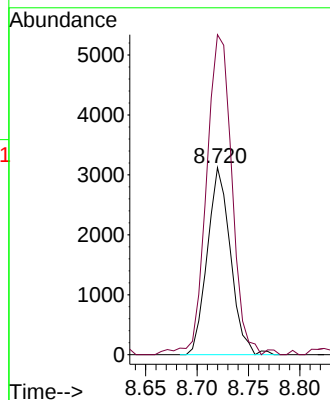
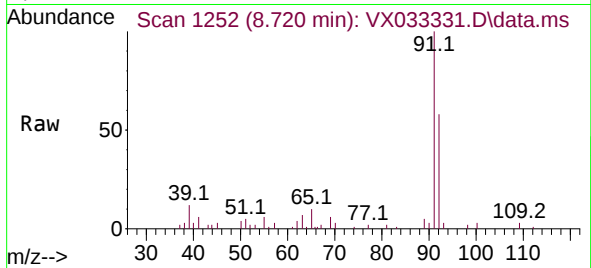




#52
Toluene
Concen: 1.263 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

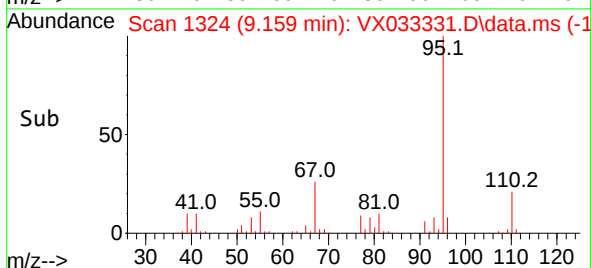
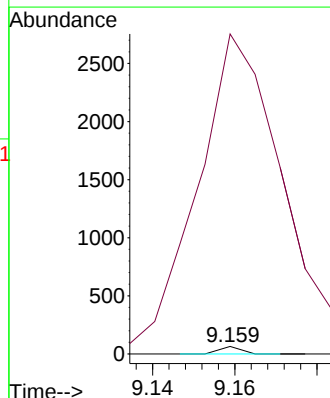
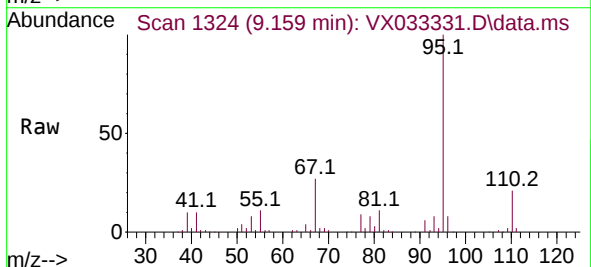
Instrument :
MSVOA_X
ClientSampleId :
H-1R

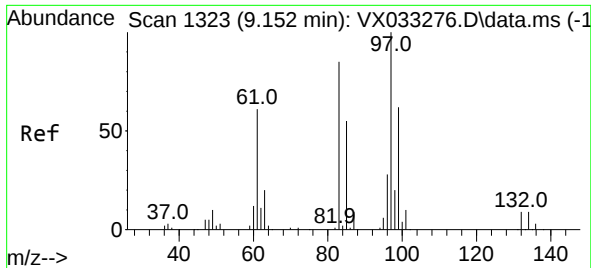
Tgt Ion: 92 Resp: 4908
Ion Ratio Lower Upper
92 100
91 188.2 138.3 207.5



#53
t-1,3-Dichloropropene
Concen: 2.514 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.177 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 75 Resp: 23
Ion Ratio Lower Upper
75 100
77 2826.6 25.1 37.7#

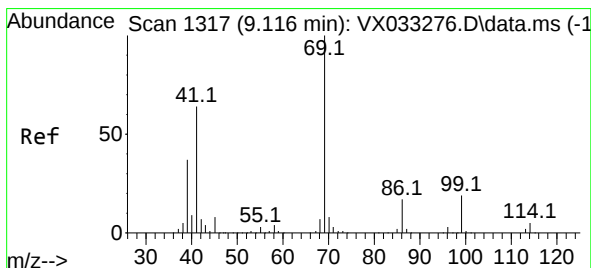
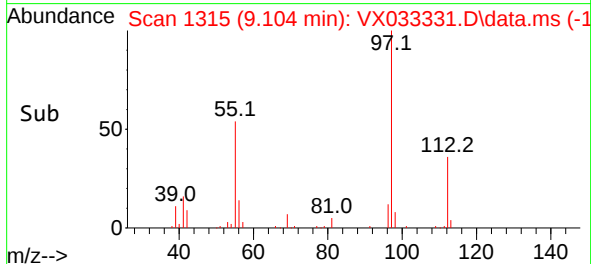
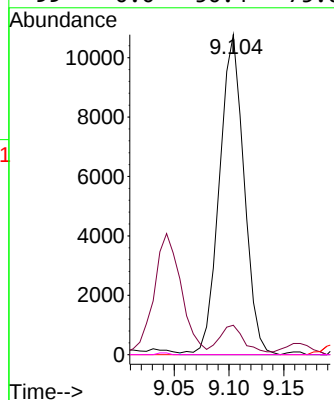
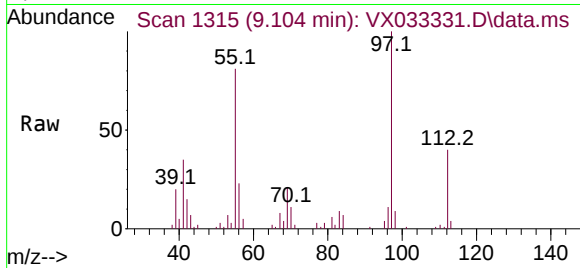




#55
1,1,2-Trichloroethane
Concen: 10.296 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

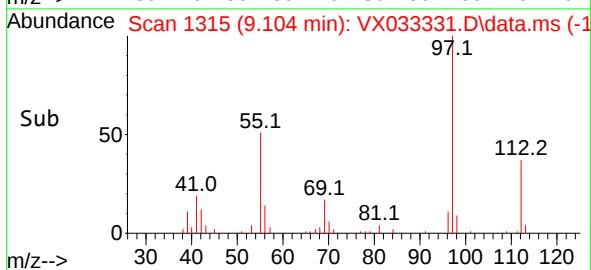
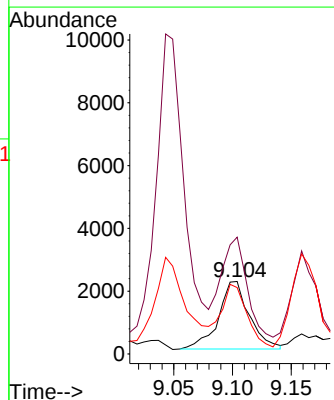
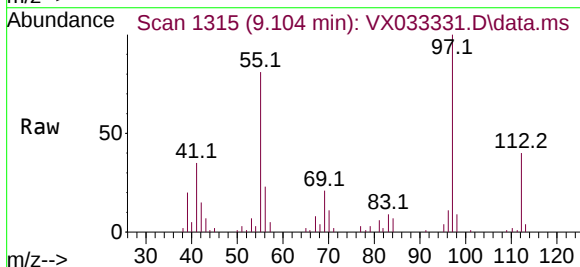
Instrument :
MSVOA_X
ClientSampleId :
H-1R

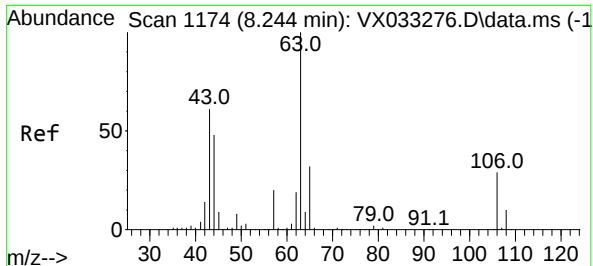
Tgt Ion: 97	Resp: 16815
Ion Ratio	Lower Upper
97 100	
83 7.5	68.1 102.1#
85 0.0	43.3 64.9#
99 0.0	50.4 75.6#



#56
Ethyl methacrylate
Concen: 1.716 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.012 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 69	Resp: 3946
Ion Ratio	Lower Upper
69 100	
41 141.3	54.3 81.5#
39 76.4	35.2 52.8#

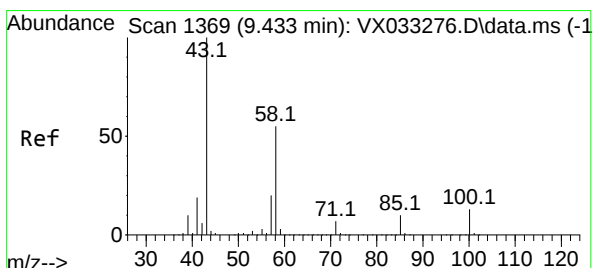
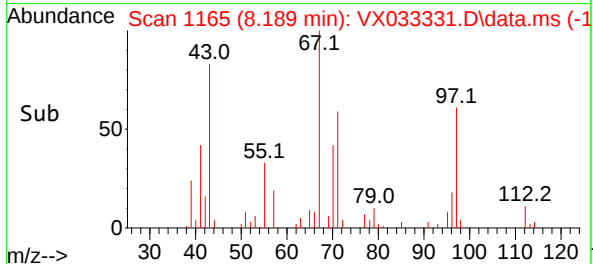
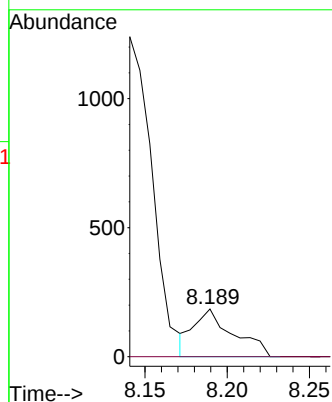
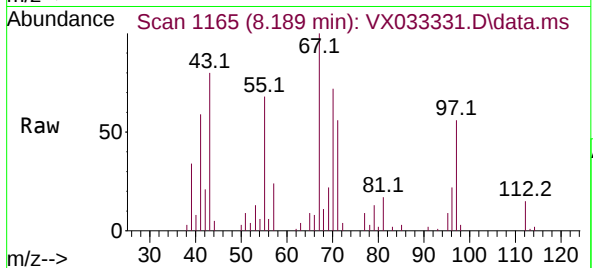




#58
2-Chloroethyl Vinyl ether
Concen: 0.293 ug/l
RT: 8.189 min Scan# 1165
Delta R.T. -0.055 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

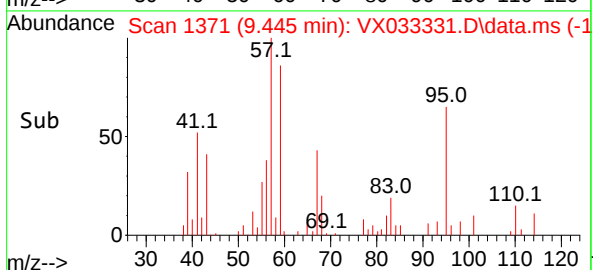
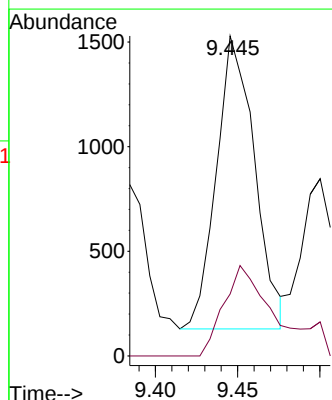
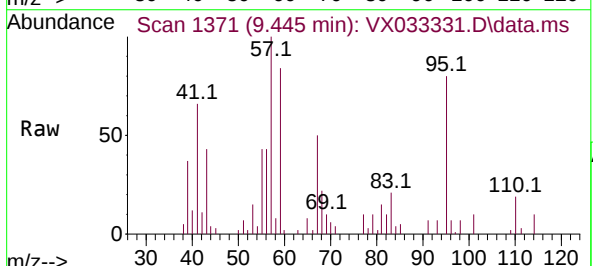
Instrument :
MSVOA_X
ClientSampleId :
H-1R

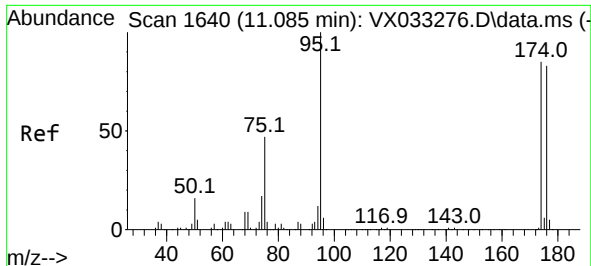
Tgt Ion: 63 Resp: 308
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#



#59
2-Hexanone
Concen: 1.548 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 43 Resp: 2262
Ion Ratio Lower Upper
43 100
58 44.9 26.5 79.5





#62

4-Bromofluorobenzene

Concen: 54.286 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033331.D

Acq: 08 Dec 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

H-1R

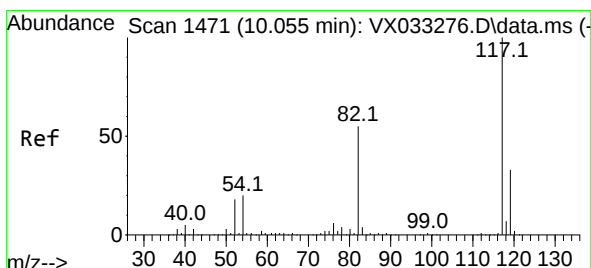
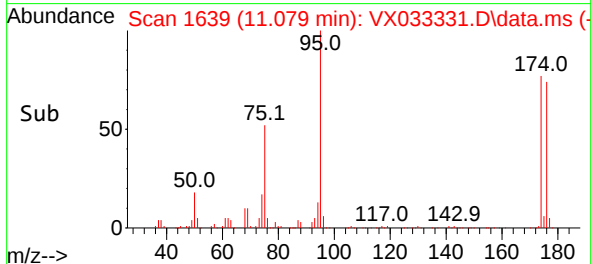
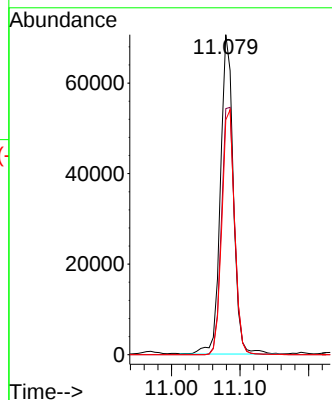
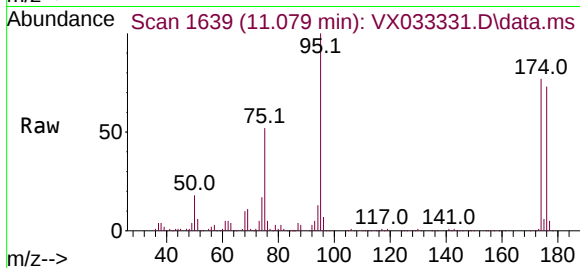
Tgt Ion: 95 Resp: 91791

Ion Ratio Lower Upper

95 100

174 78.3 0.0 164.0

176 75.6 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: VX033331.D

Acq: 08 Dec 2022 18:13

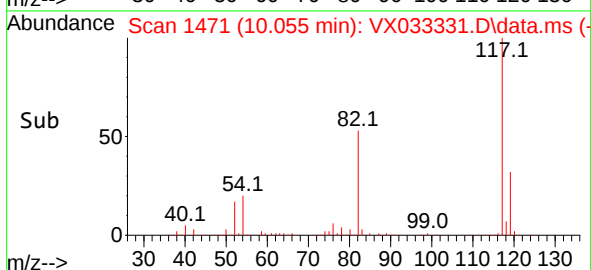
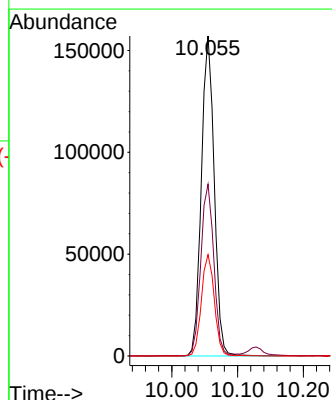
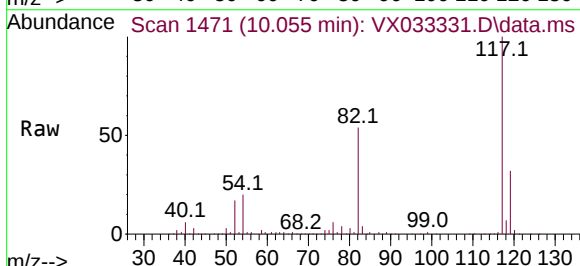
Tgt Ion: 117 Resp: 213415

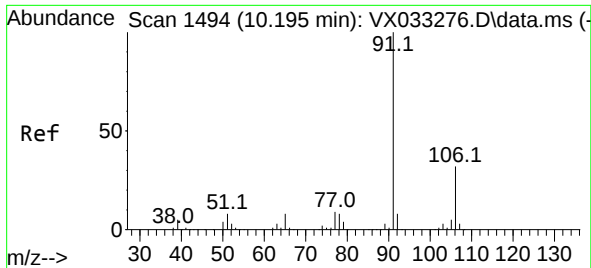
Ion Ratio Lower Upper

117 100

82 53.5 44.3 66.5

119 31.7 25.7 38.5

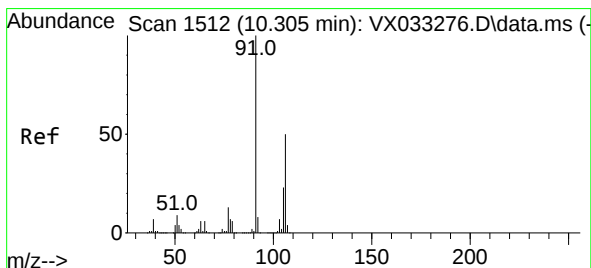
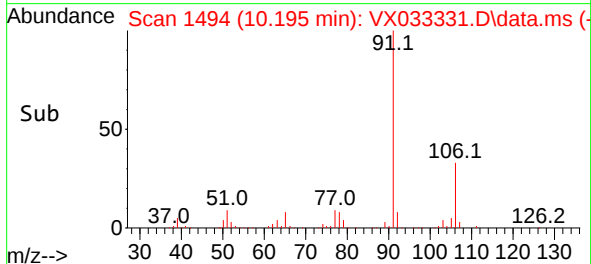
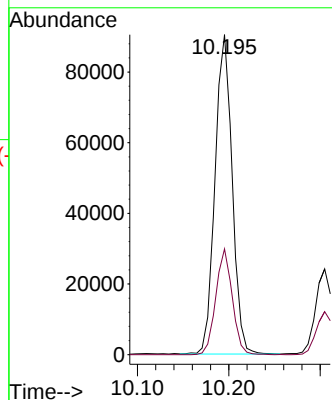
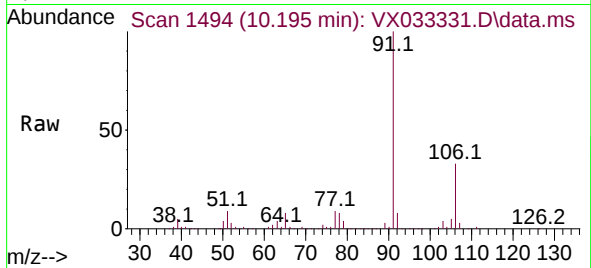




#67
Ethyl Benzene
Concen: 15.623 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

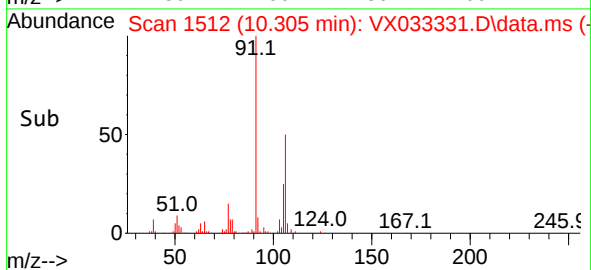
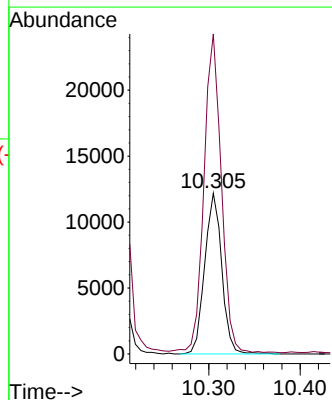
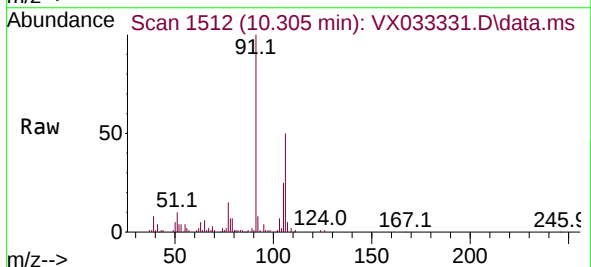
Instrument :
MSVOA_X
ClientSampleId :
H-1R

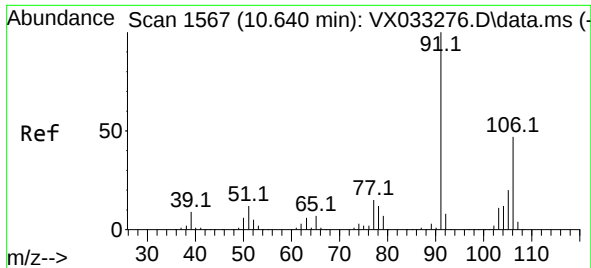
Tgt Ion: 91 Resp: 117629
Ion Ratio Lower Upper
91 100
106 33.1 25.0 37.6



#68
m/p-Xylenes
Concen: 5.384 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 106 Resp: 15772
Ion Ratio Lower Upper
106 100
91 201.9 164.5 246.7

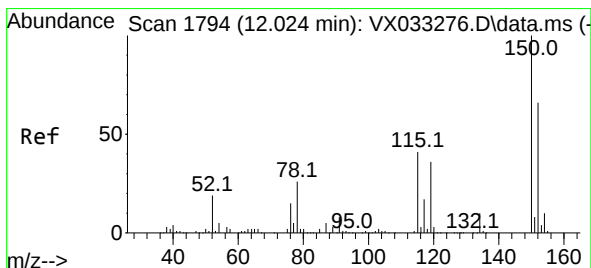
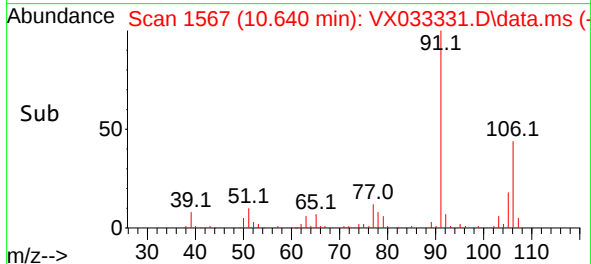
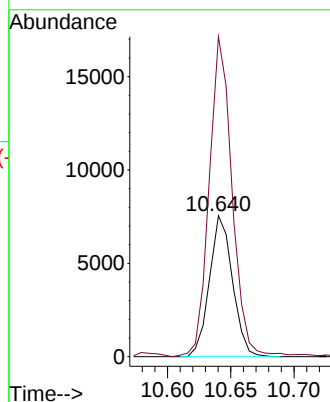
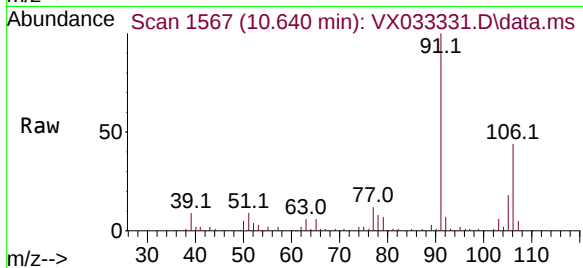




#69
o-Xylene
Concen: 3.309 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

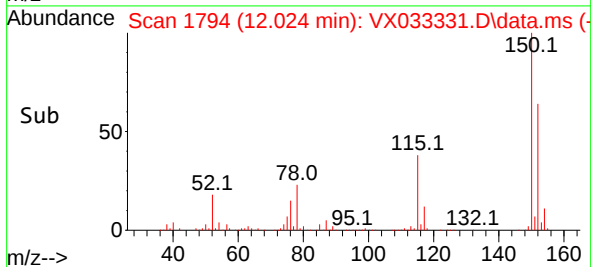
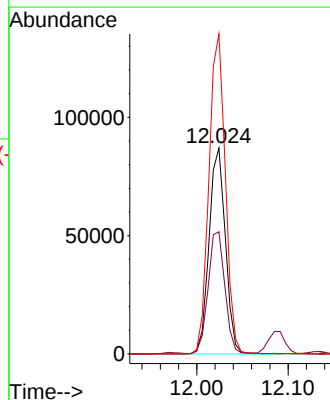
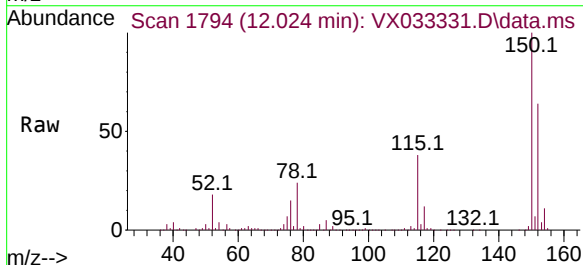
Instrument :
MSVOA_X
ClientSampleId :
H-1R

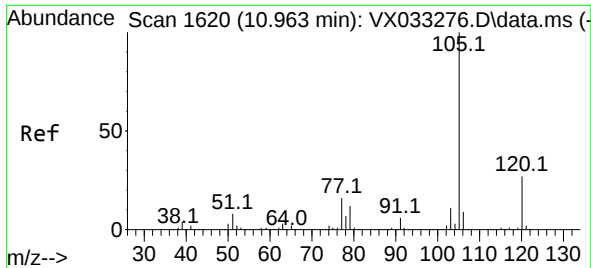
Tgt Ion:106 Resp: 9582
Ion Ratio Lower Upper
106 100
91 226.6 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion:152 Resp: 108101
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 156.2 0.0 351.8

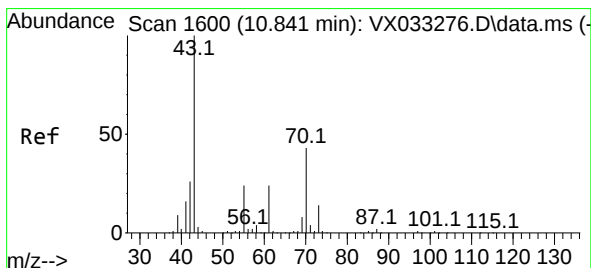
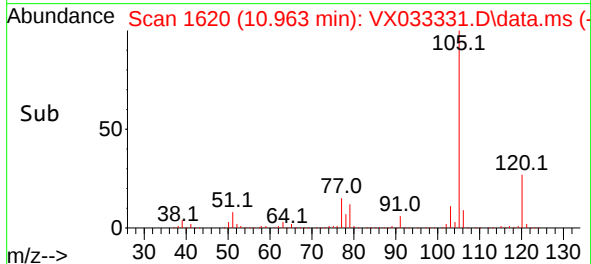
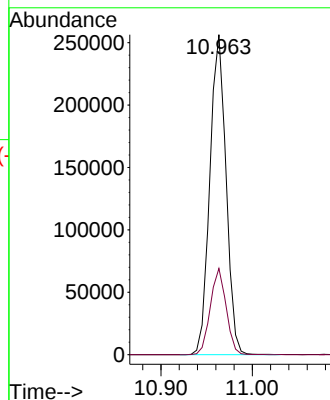
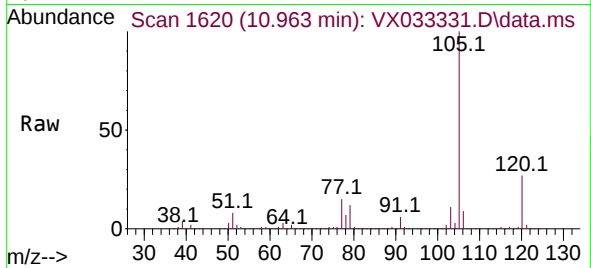




#73
Isopropylbenzene
Concen: 40.163 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

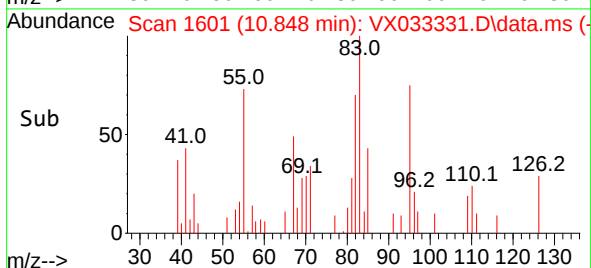
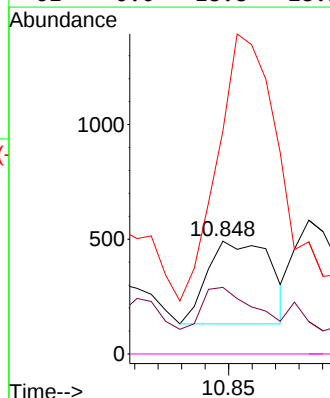
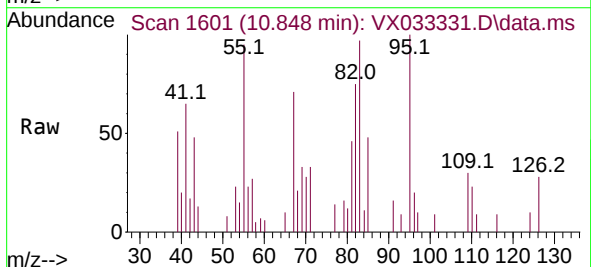
Instrument :
MSVOA_X
ClientSampleId :
H-1R

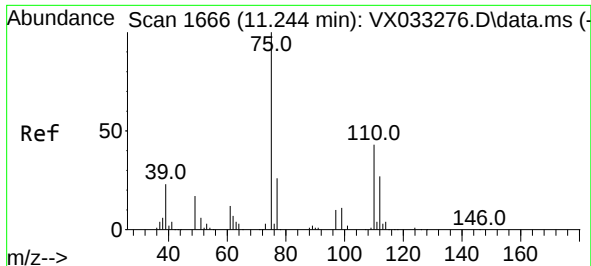
Tgt Ion:105 Resp: 314691
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#74
N-ethyl acetate
Concen: 0.252 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
70 39.6 33.6 50.4
55 354.9 19.4 29.2#
61 0.0 18.8 28.2#

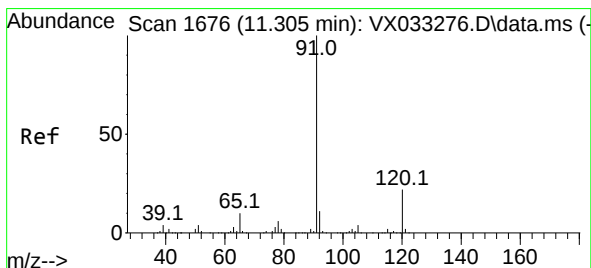
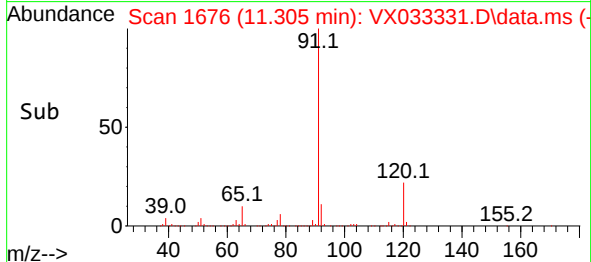
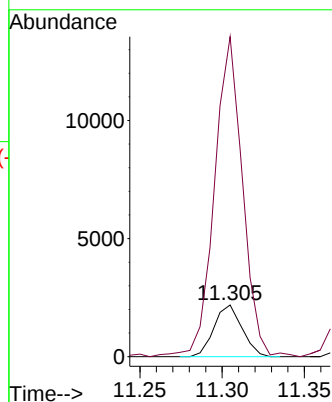
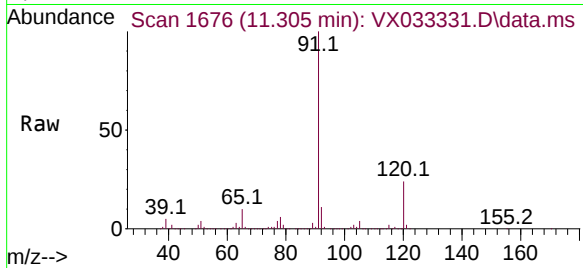




#76
1,2,3-Trichloropropane
Concen: 1.182 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.061 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

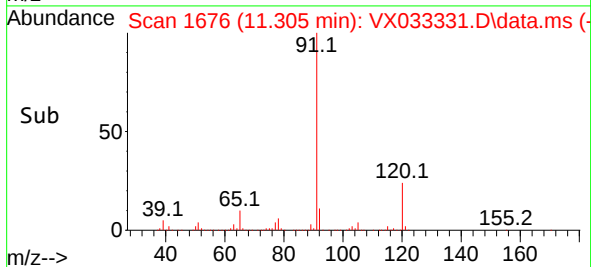
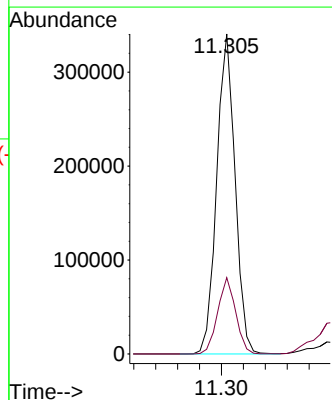
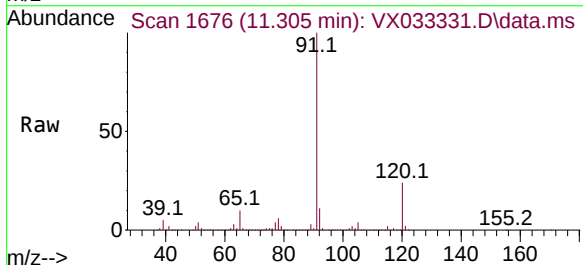
Instrument :
MSVOA_X
ClientSampleId :
H-1R

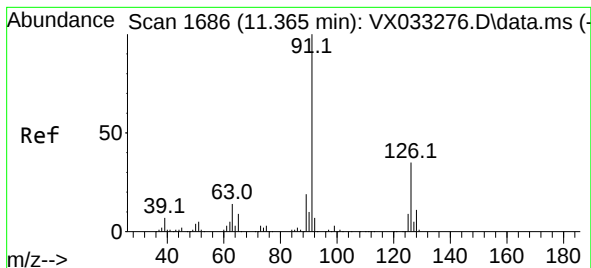
Tgt Ion: 75 Resp: 2600
Ion Ratio Lower Upper
75 100
77 619.6 20.0 60.0#



#78
n-propylbenzene
Concen: 45.298 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 91 Resp: 396299
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 3.911 ug/l

RT: 11.396 min Scan# 1

Delta R.T. 0.031 min

Lab File: VX033331.D

Acq: 08 Dec 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

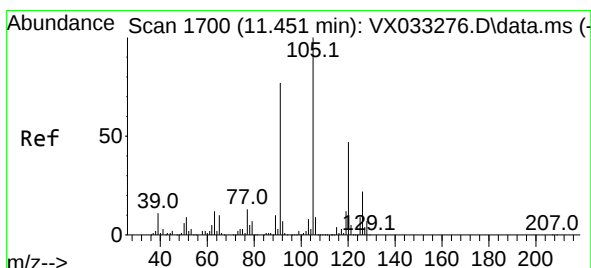
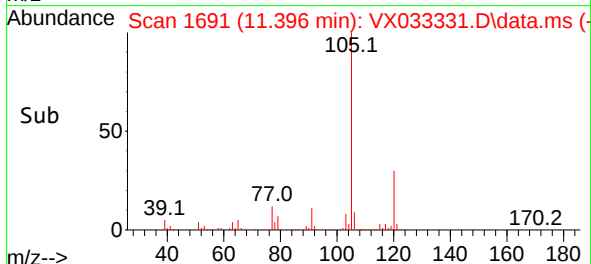
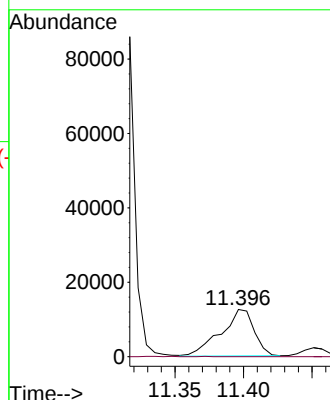
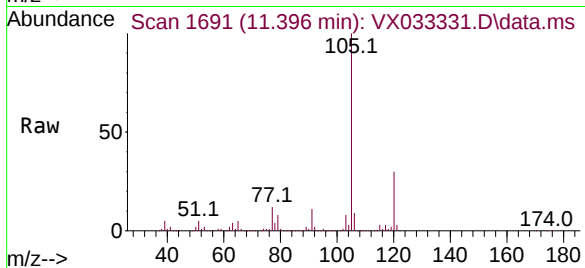
H-1R

Tgt Ion: 91 Resp: 21146

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.2#



#80

1,3,5-Trimethylbenzene

Concen: 4.002 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033331.D

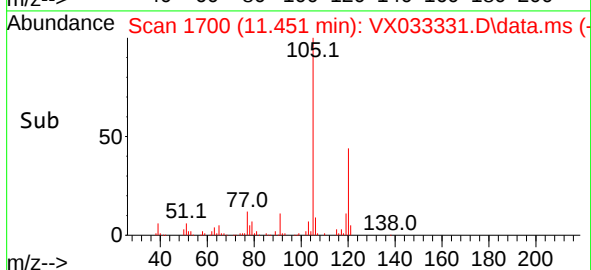
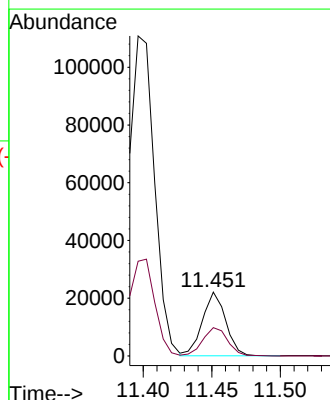
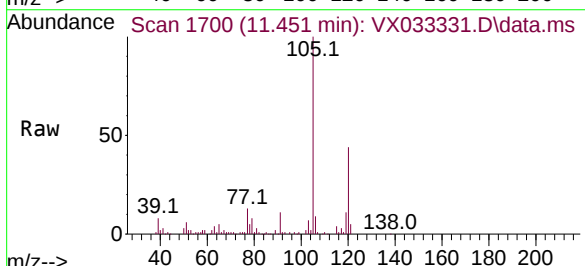
Acq: 08 Dec 2022 18:13

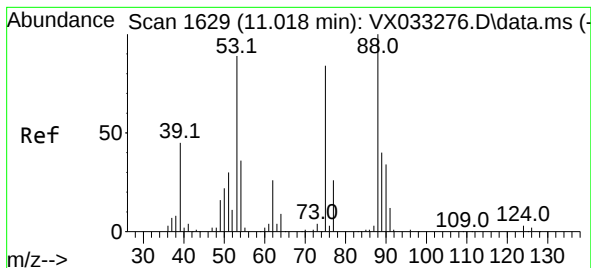
Tgt Ion: 105 Resp: 26104

Ion Ratio Lower Upper

105 100

120 47.8 23.6 71.0

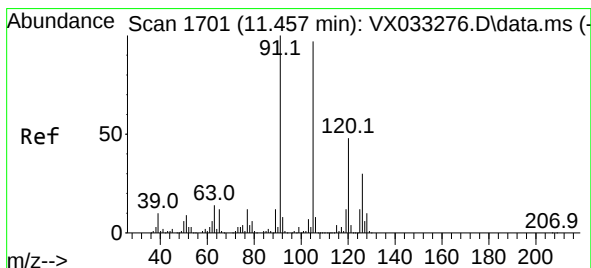
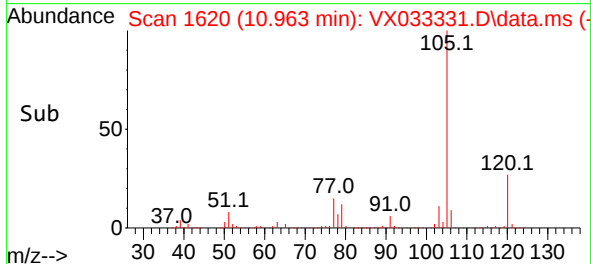
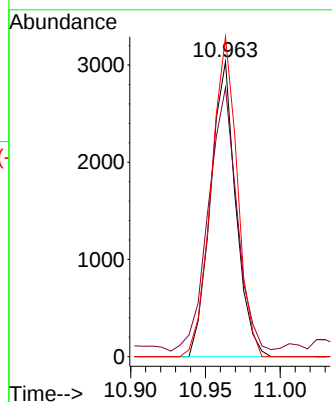
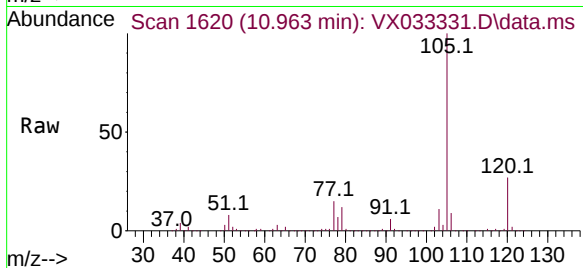




#81
trans-1,4-Dichloro-2-butene
Concen: 5.030 ug/l
RT: 10.963 min Scan# 1691
Delta R.T. -0.055 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

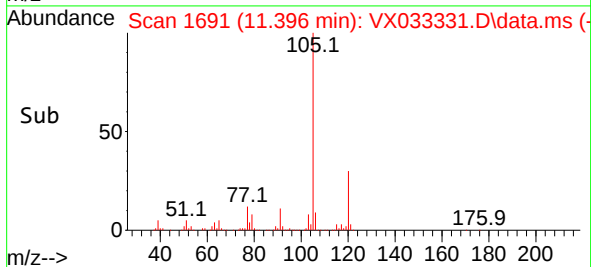
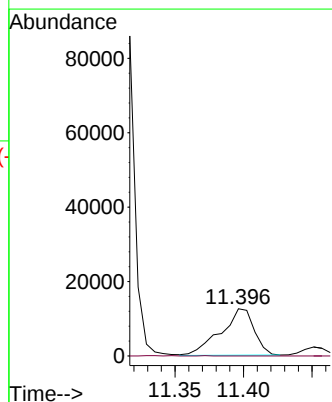
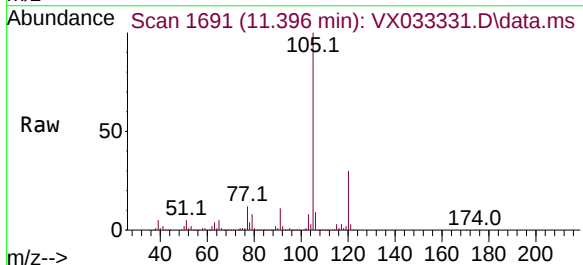
Instrument :
MSVOA_X
ClientSampleId :
H-1R

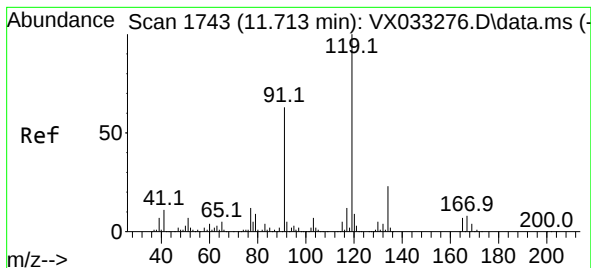
Tgt Ion: 75 Resp: 3556
Ion Ratio Lower Upper
75 100
53 101.0 86.9 130.3
89 111.8 38.3 57.5#



#82
4-Chlorotoluene
Concen: 3.363 ug/l
RT: 11.396 min Scan# 1691
Delta R.T. -0.061 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 91 Resp: 21146
Ion Ratio Lower Upper
91 100
126 0.0 14.8 44.4#





#83

tert-Butylbenzene

Concen: 0.746 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033331.D

Acq: 08 Dec 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

H-1R

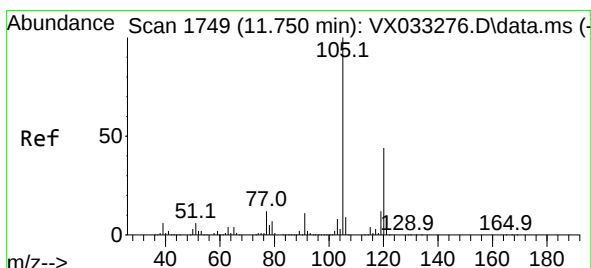
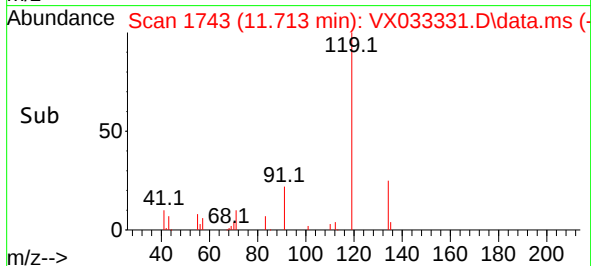
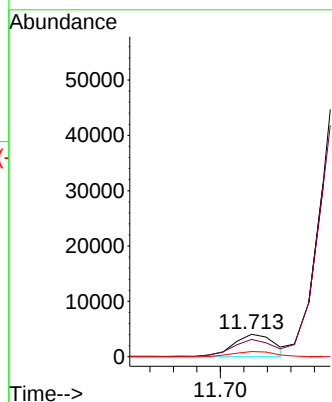
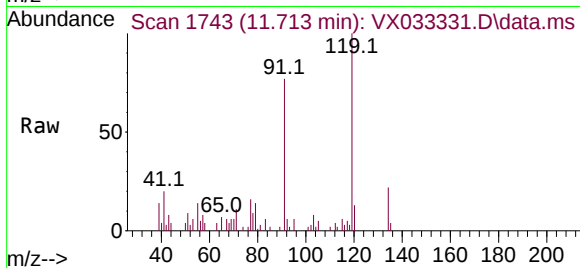
Tgt Ion:119 Resp: 4850

Ion Ratio Lower Upper

119 100

91 76.6 29.4 88.2

134 23.5 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 90.935 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033331.D

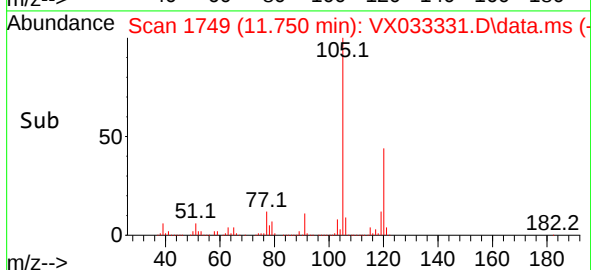
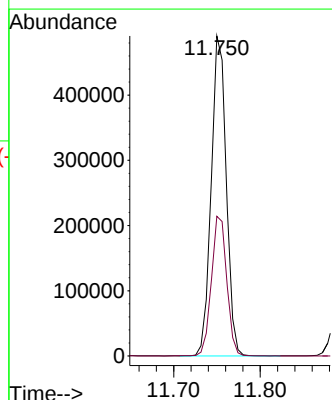
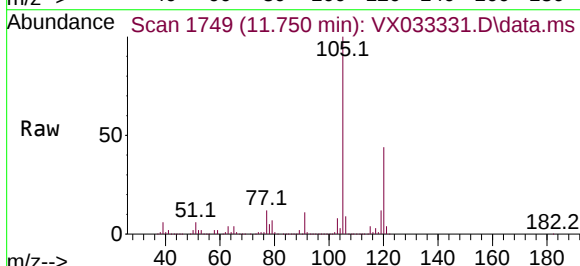
Acq: 08 Dec 2022 18:13

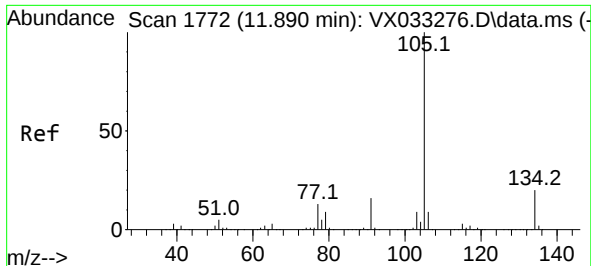
Tgt Ion:105 Resp: 592028

Ion Ratio Lower Upper

105 100

120 44.6 21.9 65.5

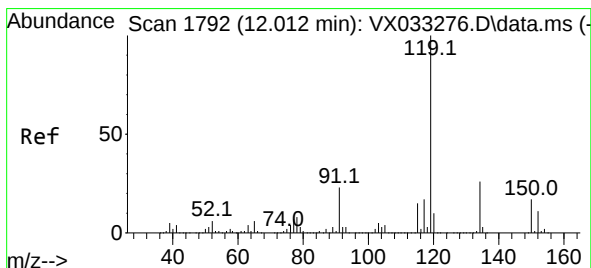
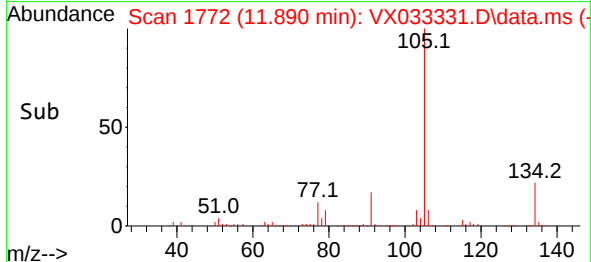
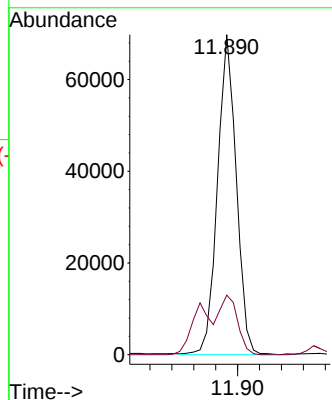
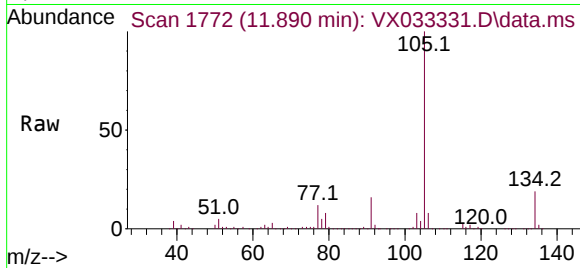




#85
 sec-Butylbenzene
 Concen: 10.961 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033331.D
 Acq: 08 Dec 2022 18:13

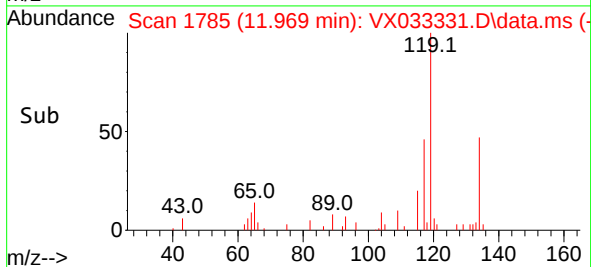
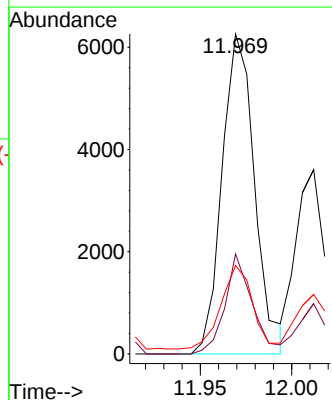
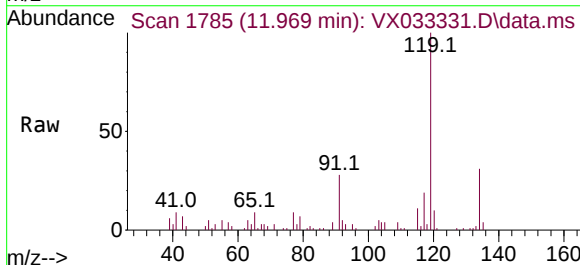
Instrument :
 MSVOA_X
 ClientSampleId :
 H-1R

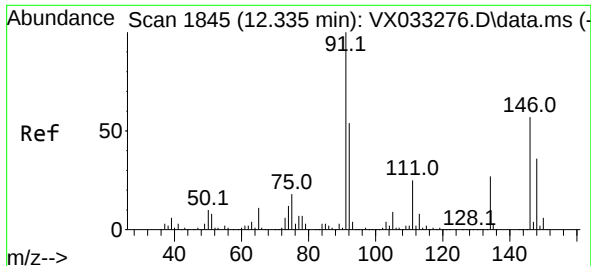
Tgt Ion:105 Resp: 83175
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 1.187 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.042 min
 Lab File: VX033331.D
 Acq: 08 Dec 2022 18:13

Tgt Ion:119 Resp: 7768
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.9 38.7#
 91 0.0 12.5 37.5#





#89

n-Butylbenzene

Concen: 7.348 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX033331.D

Acq: 08 Dec 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

H-1R

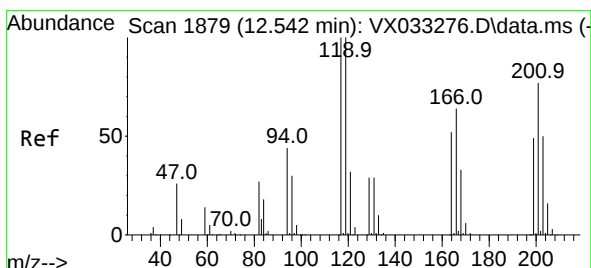
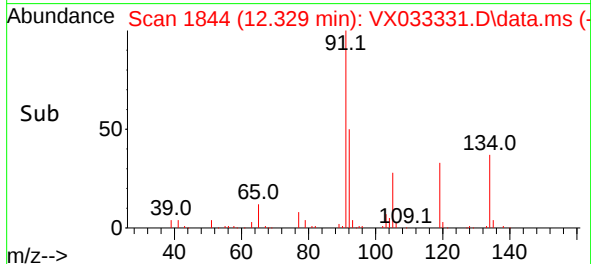
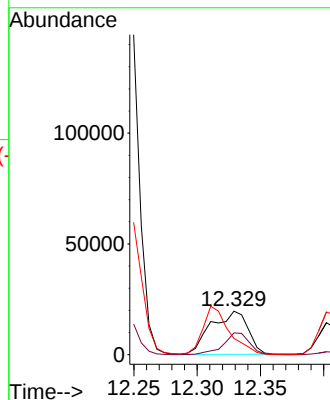
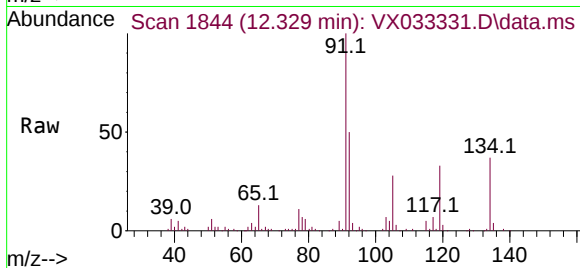
Tgt Ion: 91 Resp: 39375

Ion Ratio Lower Upper

91 100

92 35.9 26.2 78.6

134 81.0 12.9 38.6#



#90

Hexachloroethane

Concen: 79.601 ug/l

RT: 12.616 min Scan# 1891

Delta R.T. 0.073 min

Lab File: VX033331.D

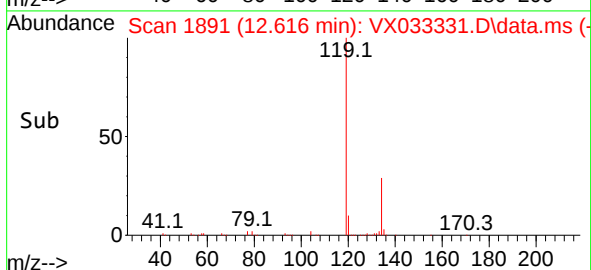
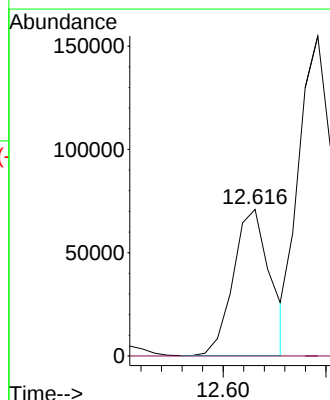
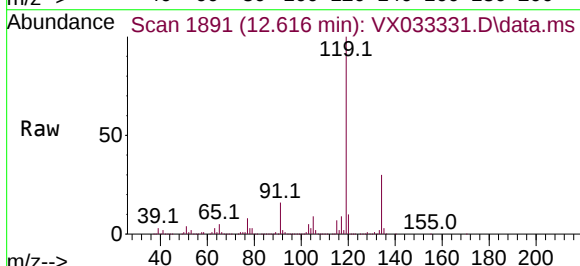
Acq: 08 Dec 2022 18:13

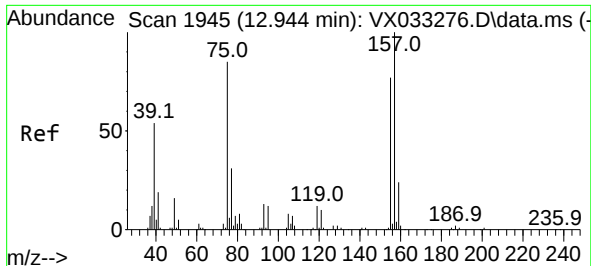
Tgt Ion: 117 Resp: 88519

Ion Ratio Lower Upper

117 100

201 0.0 37.6 112.9#

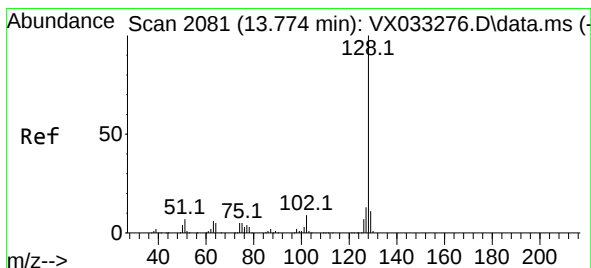
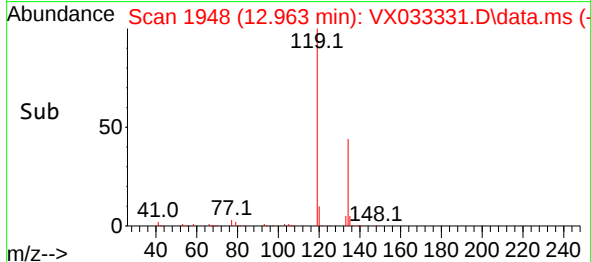
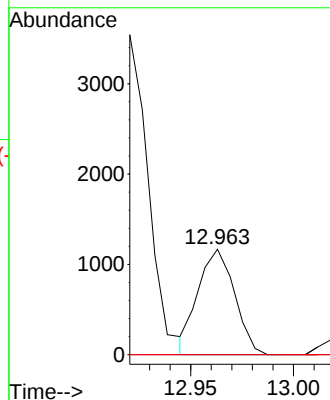
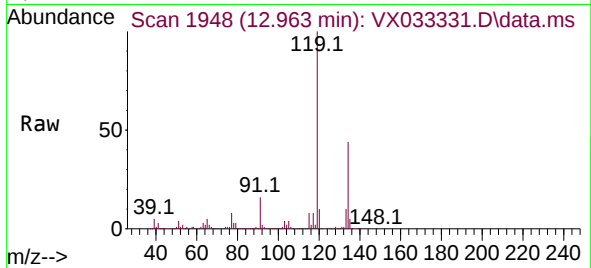




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.675 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.019 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
H-1R

Tgt Ion: 75 Resp: 1436
Ion Ratio Lower Upper
75 100
155 0.0 41.6 124.8#
157 0.0 54.1 162.4#



#95
Naphthalene
Concen: 45.940 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033331.D
Acq: 08 Dec 2022 18:13

Tgt Ion: 128 Resp: 331622
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.8 8.9 13.3

