

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033244.D
 Acq On : 05 Dec 2022 22:22
 Operator : JC/MD
 Sample : N5875-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

Quant Time: Dec 06 06:02:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	122938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61378	51.167	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.340%
35) Dibromofluoromethane	5.391	113	51243	46.149	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.300%
50) Toluene-d8	8.647	98	170925	51.214	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.420%
62) 4-Bromofluorobenzene	11.079	95	74984	51.409	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.820%
Target Compounds						
					Qvalue	
6) Chloroethane	1.624	64	307	0.334	ug/l #	42
11) Tert butyl alcohol	2.983	59	1348471	7105.265	ug/l	100
13) Acrolein	2.215	56	857	3.931	ug/l #	1
14) Allyl chloride	2.782	41	59322	34.250	ug/l #	61
15) Acrylonitrile	3.111	53	22410	41.747	ug/l #	31
16) Acetone	2.386	43	2713	4.852	ug/l #	86
18) Methyl Acetate	2.782	43	137665	88.945	ug/l #	51
19) Methyl tert-butyl Ether	3.111	73	1675606	450.348	ug/l #	87
20) Methylene Chloride	2.776	84	530	Below Cal	#	1
22) Diisopropyl ether	3.757	45	15017	3.982	ug/l #	85
23) Vinyl Acetate	3.757	43	8953	3.033	ug/l #	72
24) 1,1-Dichloroethane	3.733	63	508	0.235	ug/l #	82
25) 2-Butanone	4.580	43	1768	2.293	ug/l	90
26) 2,2-Dichloropropane	4.306	77	1153	0.664	ug/l #	53
27) cis-1,2-Dichloroethene	4.489	96	632	0.453	ug/l	84
29) Tetrahydrofuran	5.013	42	1389	2.839	ug/l #	50
30) Chloroform	5.166	83	8308	3.437	ug/l #	35
31) Cyclohexane	5.477	56	64770	33.389	ug/l	90
36) 1,1-Dichloropropene	5.556	75	9498	5.350	ug/l #	50
37) Ethyl Acetate	4.794	43	410	0.265	ug/l #	23
38) Carbon Tetrachloride	5.556	117	13045	6.623	ug/l #	16
39) Methylcyclohexane	7.379	83	65013	32.093	ug/l #	87
40) Benzene	6.037	78	183351	36.833	ug/l	99
41) Methacrylonitrile	4.952	41	334	0.383	ug/l #	21
42) 1,2-Dichloroethane	6.092	62	2891	1.442	ug/l #	1
43) Isopropyl Acetate	6.361	43	4277	1.670	ug/l #	61
44) Trichloroethene	7.129	130	495	0.354	ug/l	77
45) 1,2-Dichloropropane	7.379	63	924	0.751	ug/l #	1
46) Dibromomethane	7.562	93	308	0.321	ug/l #	1
47) Bromodichloromethane	7.775	83	1619	0.873	ug/l #	76
48) Methyl methacrylate	7.653	41	7505	5.692	ug/l #	53
51) 4-Methyl-2-Pentanone	8.616	43	7492	4.740	ug/l #	73
52) Toluene	8.720	92	17217	5.257	ug/l	99
53) t-1,3-Dichloropropene	8.860	75	364	1.694	ug/l #	15
55) 1,1,2-Trichloroethane	9.201	97	625	0.469	ug/l #	1
56) Ethyl methacrylate	9.098	69	4335	2.360	ug/l #	50

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

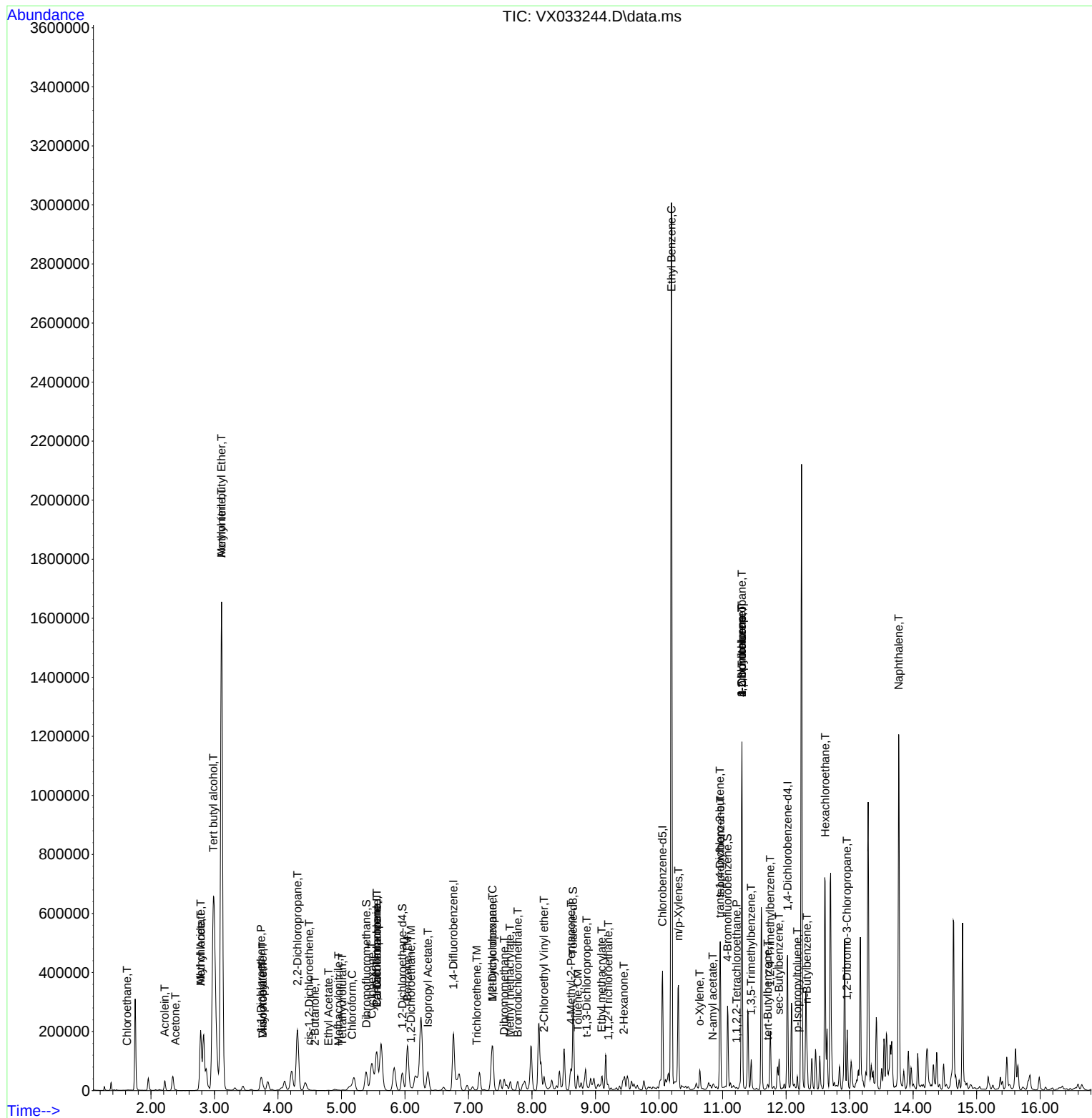
58) 2-Chloroethyl Vinyl ether	8.189	63	266	0.305	ug/l #	46
59) 2-Hexanone	9.445	43	2955	2.531	ug/l	71
67) Ethyl Benzene	10.195	91	1669238	260.530	ug/l	98
68) m/p-Xylenes	10.305	106	79945	31.864	ug/l	100
69) o-Xylene	10.640	106	13274	5.468	ug/l	97
73) Isopropylbenzene	10.963	105	257915	37.386	ug/l	100
74) N-amyl acetate	10.848	43	742	0.316	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.219	83	440	0.211	ug/l #	49
76) 1,2,3-Trichloropropane	11.305	75	4539	2.483	ug/l #	1
78) n-propylbenzene	11.305	91	703828	89.231	ug/l	99
79) 2-Chlorotoluene	11.305	91	703828	146.918	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.451	105	41483	7.158	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.957	75	3138	5.579	ug/l #	64
82) 4-Chlorotoluene	11.305	91	703828	125.371	ug/l #	45
83) tert-Butylbenzene	11.713	119	4494	0.779	ug/l	85
84) 1,2,4-Trimethylbenzene	11.750	105	87933	15.217	ug/l	97
85) sec-Butylbenzene	11.890	105	48118	6.972	ug/l	99
86) p-Isopropyltoluene	12.177	119	17894	3.060	ug/l	97
89) n-Butylbenzene	12.329	91	69500	13.797	ug/l #	69
90) Hexachloroethane	12.616	117	31701	32.998	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.957	75	666	1.603	ug/l #	1
95) Naphthalene	13.774	128	739531	119.795	ug/l	99

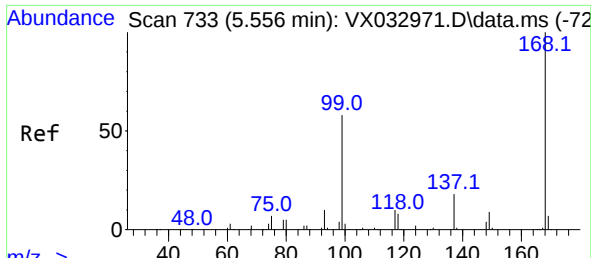
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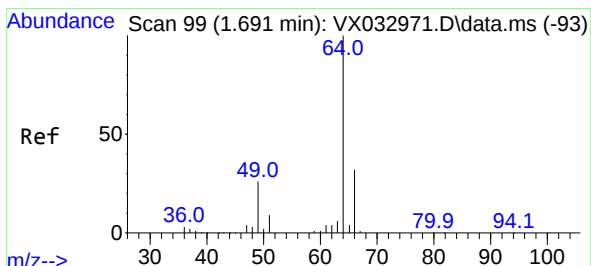
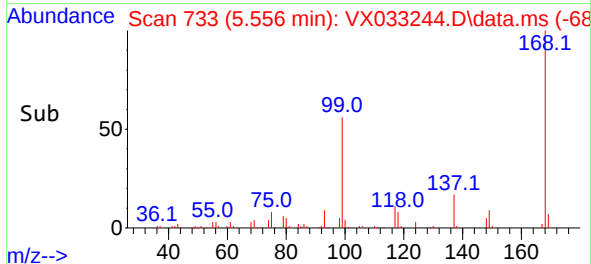
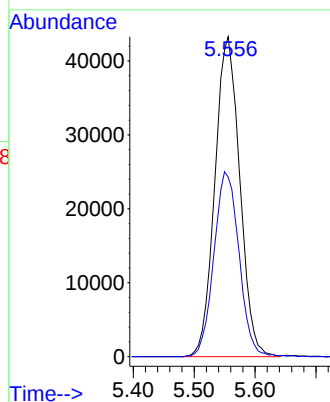
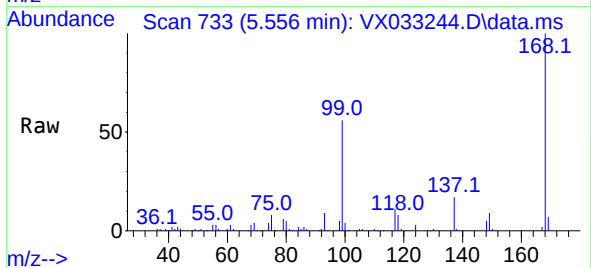




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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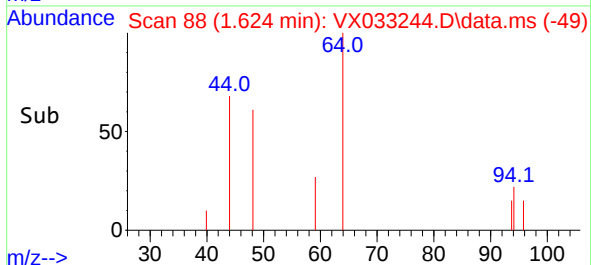
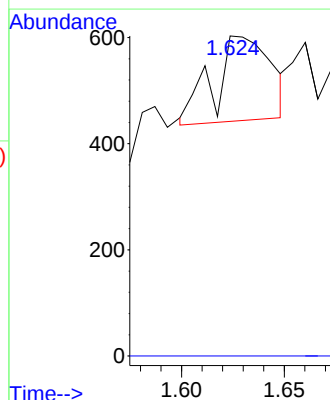
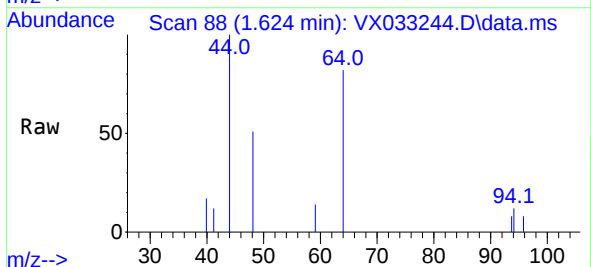
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ClientSampleId :
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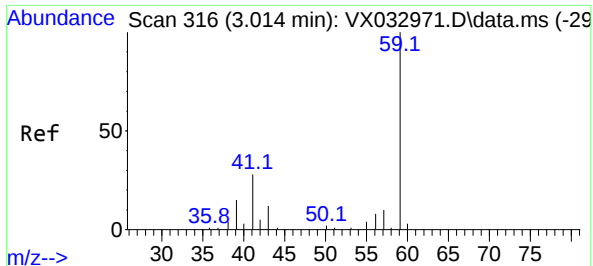
Tgt Ion:168 Resp: 122938
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1



#6
Chloroethane
Concen: 0.334 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.061 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 64 Resp: 307
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 7105.265 ug/l

RT: 2.983 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

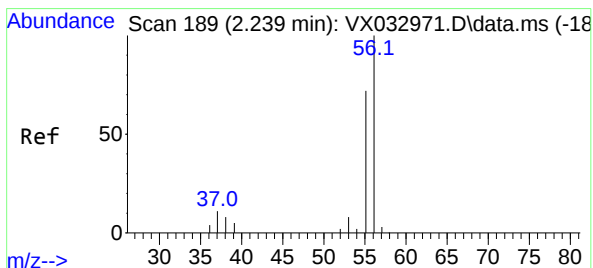
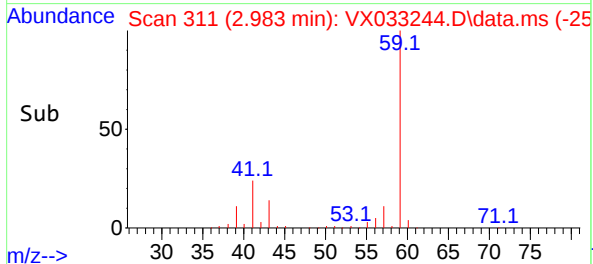
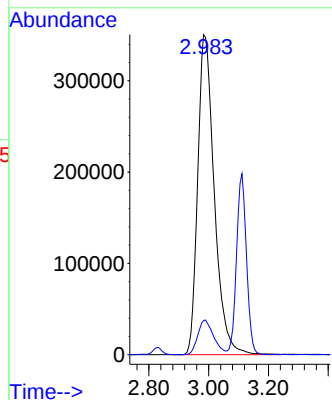
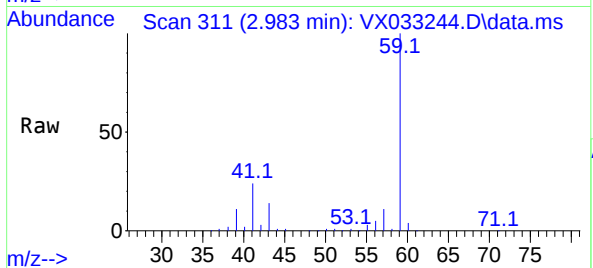
MW-44

Tgt Ion: 59 Resp: 1348471

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#13

Acrolein

Concen: 3.931 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX033244.D

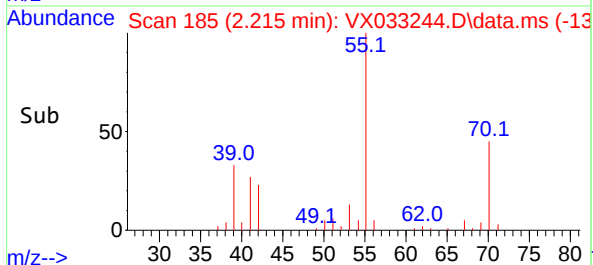
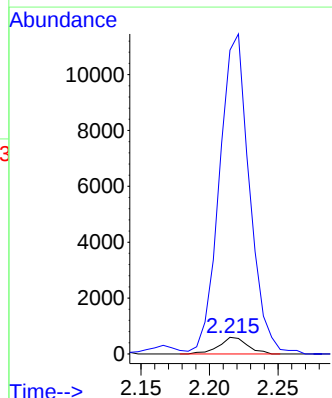
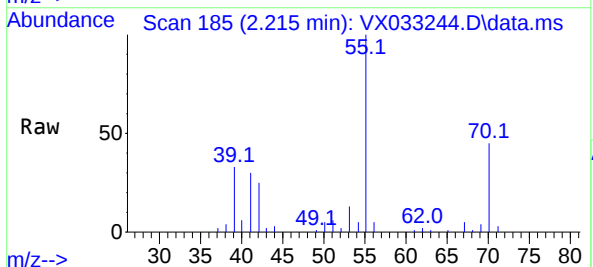
Acq: 05 Dec 2022 22:22

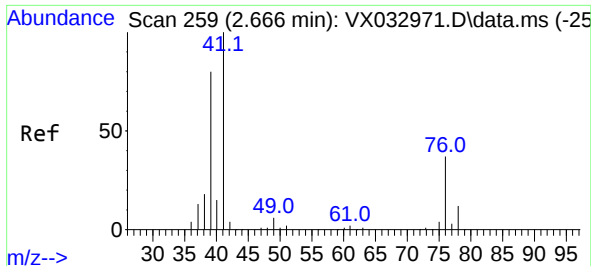
Tgt Ion: 56 Resp: 857

Ion Ratio Lower Upper

56 100

55 2041.2 56.9 85.3#

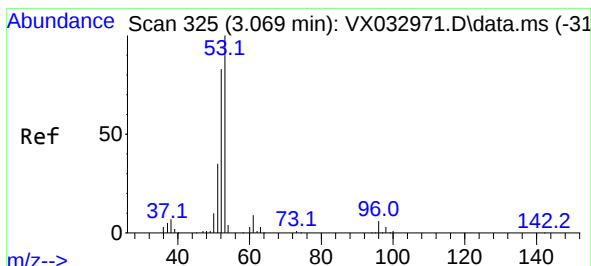
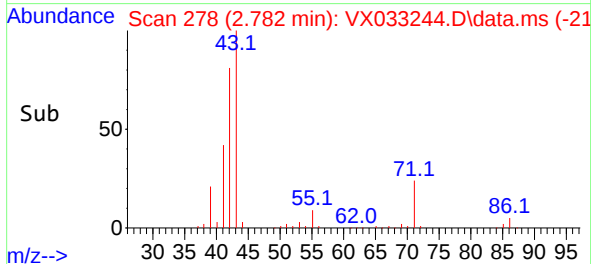
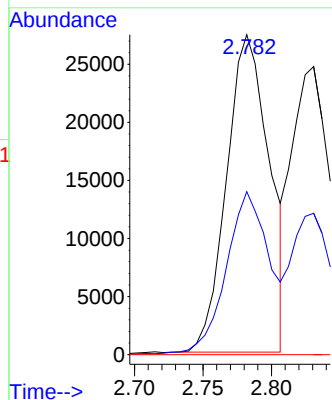
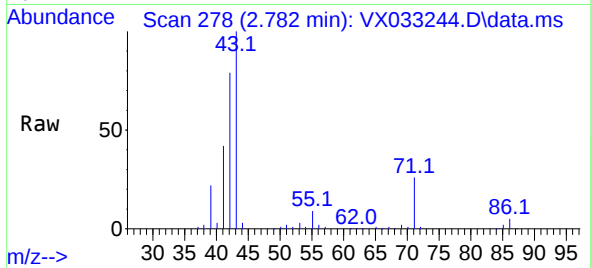




#14
 Allyl chloride
 Concen: 34.250 ug/l
 RT: 2.782 min Scan# 21
 Delta R.T. 0.116 min
 Lab File: VX033244.D
 Acq: 05 Dec 2022 22:22

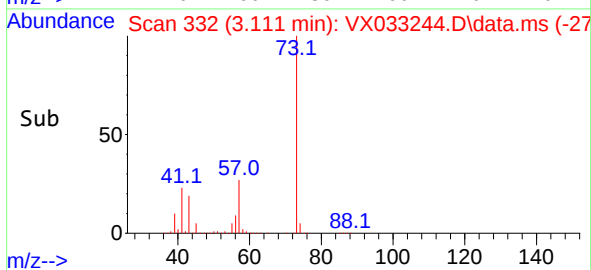
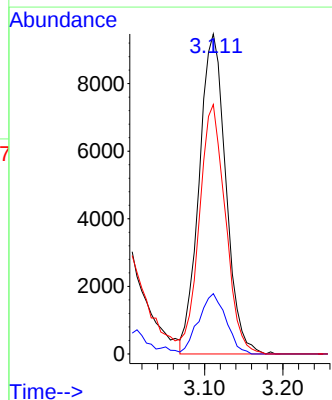
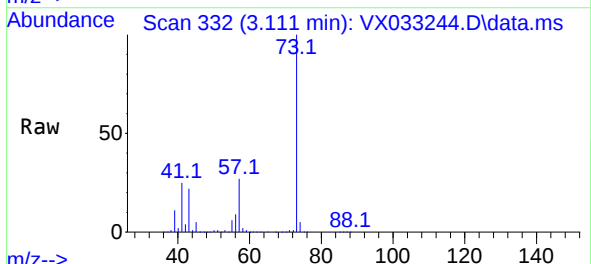
Instrument :
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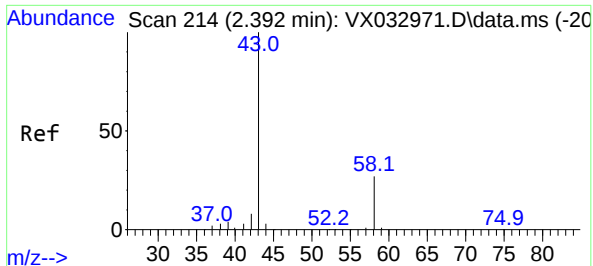
Tgt Ion: 41 Resp: 59322
 Ion Ratio Lower Upper
 41 100
 39 52.0 61.4 92.2#
 76 0.0 29.2 43.8#



#15
 Acrylonitrile
 Concen: 41.747 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. 0.049 min
 Lab File: VX033244.D
 Acq: 05 Dec 2022 22:22

Tgt Ion: 53 Resp: 22410
 Ion Ratio Lower Upper
 53 100
 52 19.4 67.4 101.0#
 51 76.7 30.3 45.5#

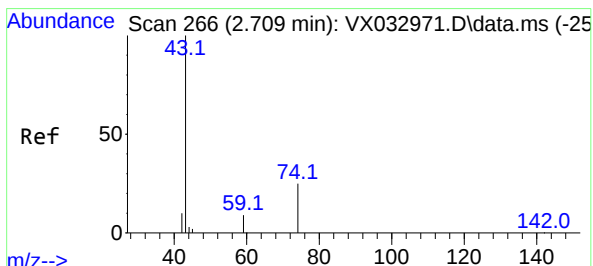
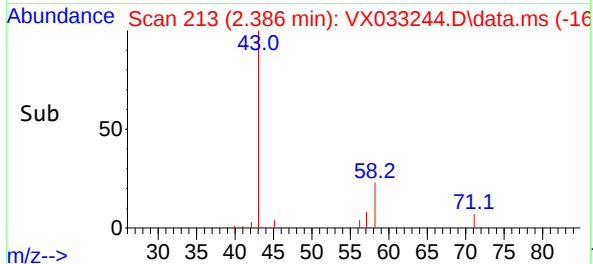
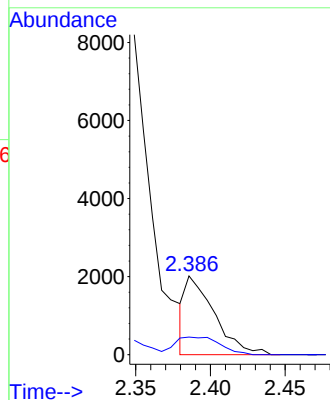
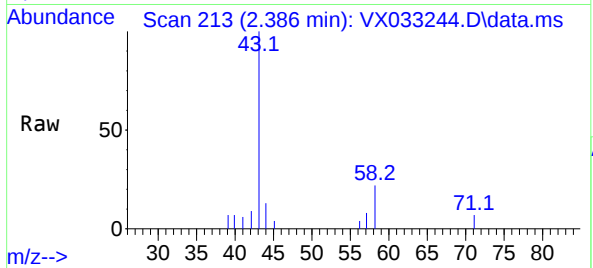




#16
Acetone
Concen: 4.852 ug/l
RT: 2.386 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

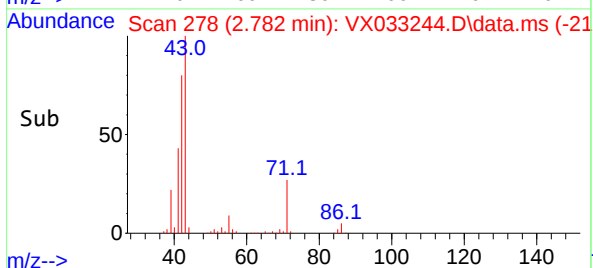
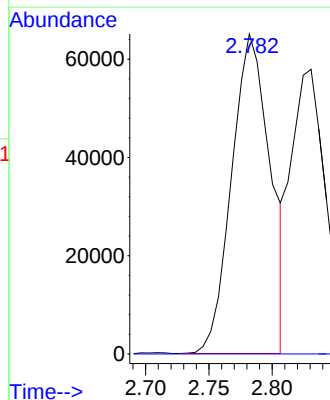
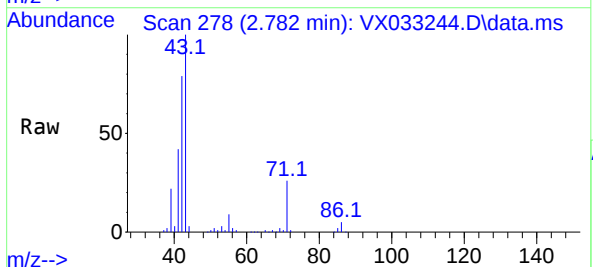
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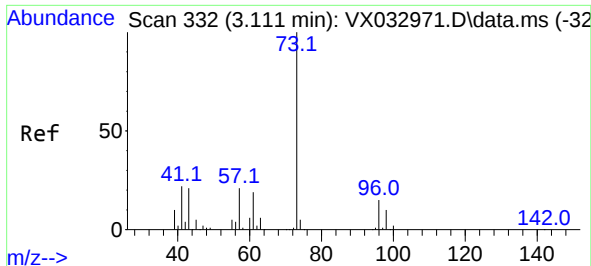
Tgt Ion: 43 Resp: 2713
Ion Ratio Lower Upper
43 100
58 22.4 23.8 35.8#



#18
Methyl Acetate
Concen: 88.945 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.079 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 43 Resp: 137665
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

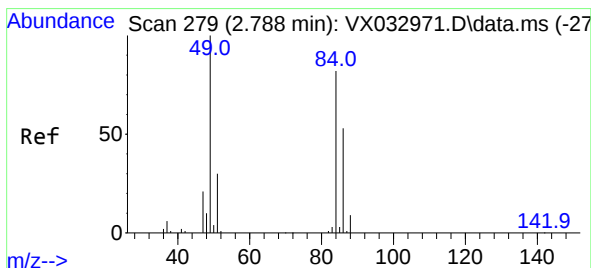
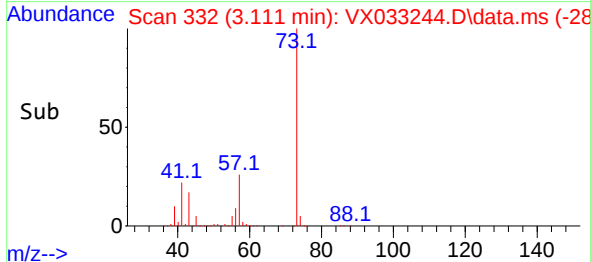
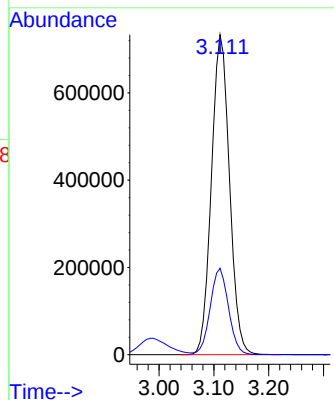
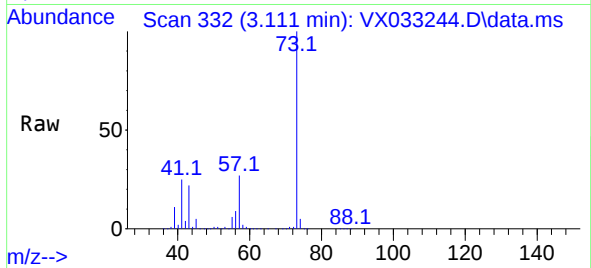




#19
Methyl tert-butyl Ether
Concen: 450.348 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033244.D
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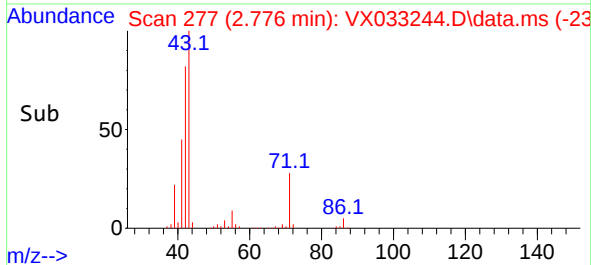
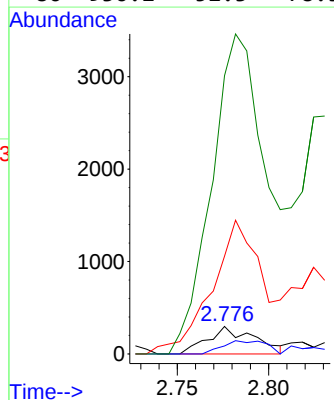
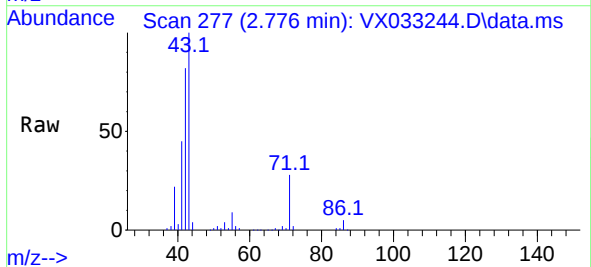
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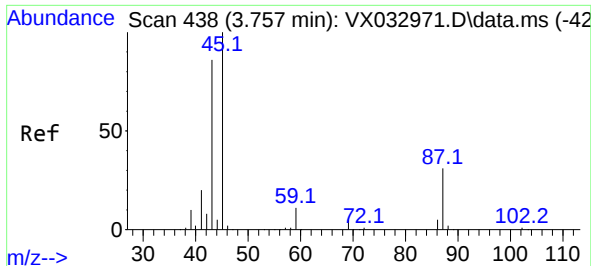
Tgt Ion: 73 Resp: 1675606
Ion Ratio Lower Upper
73 100
57 27.0 16.6 25.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 84 Resp: 530
Ion Ratio Lower Upper
84 100
49 28.9 101.0 151.6#
51 310.1 31.1 46.7#
86 936.2 52.3 78.5#

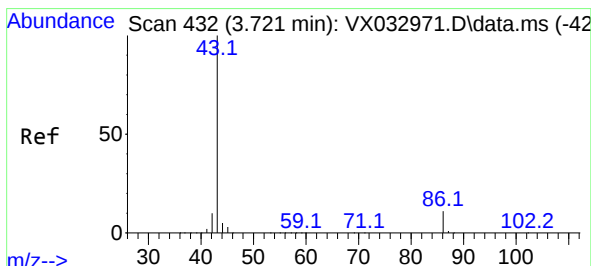
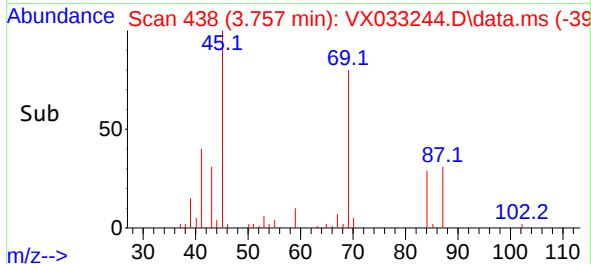
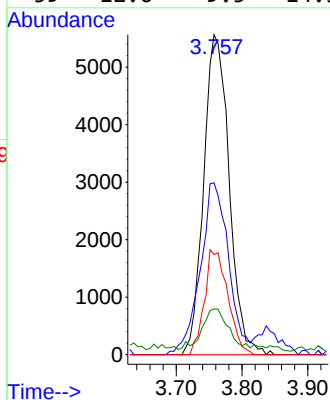
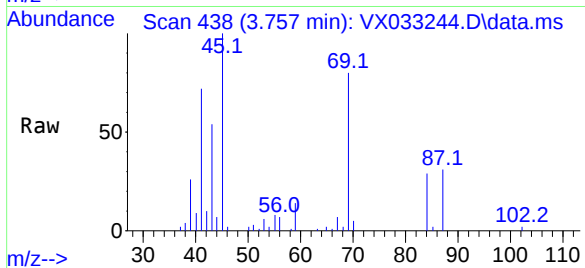




#22
Diisopropyl ether
Concen: 3.982 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

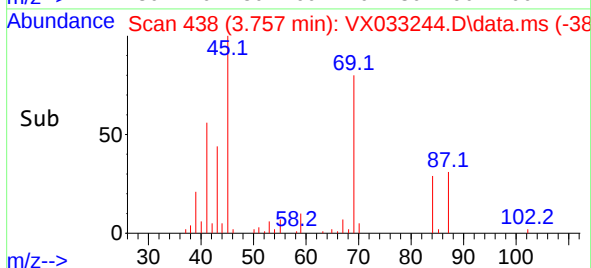
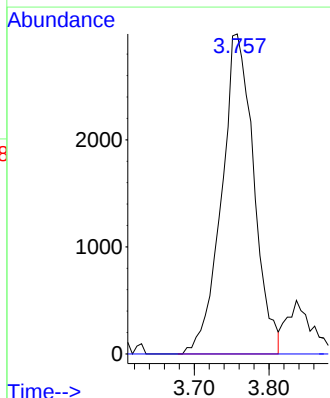
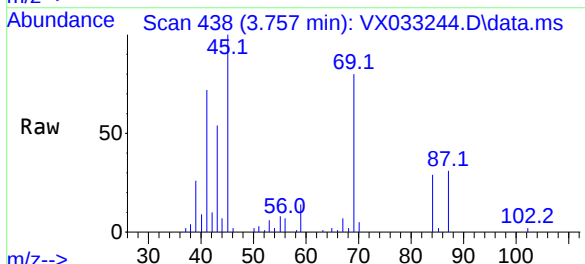
Instrument :
MSVOA_X
ClientSampleId :
MW-44

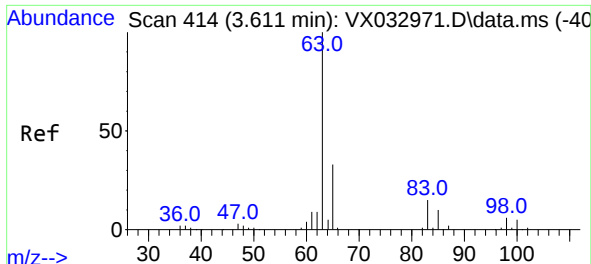
Tgt Ion:	45	Resp:	15017
Ion	Ratio	Lower	Upper
45	100		
43	50.9	56.4	84.6#
87	31.3	24.4	36.6
59	12.6	9.5	14.3



#23
Vinyl Acetate
Concen: 3.033 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.036 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion:	43	Resp:	8953
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#

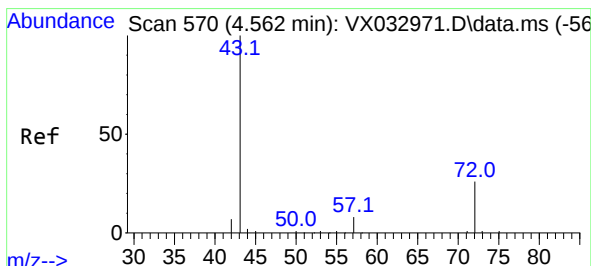
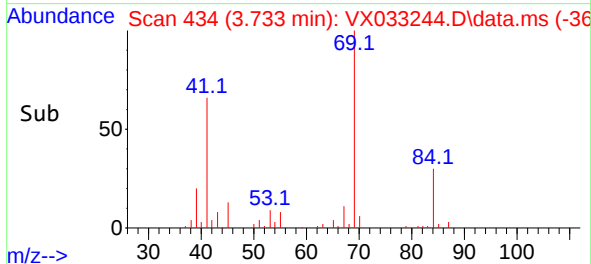
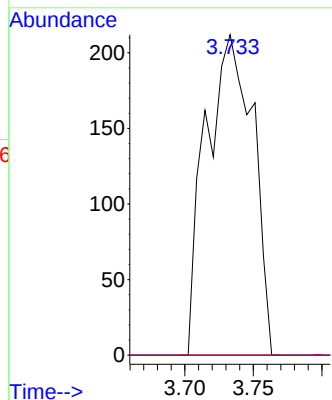
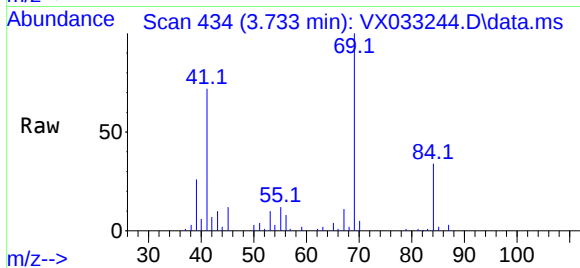




#24
1,1-Dichloroethane
Concen: 0.235 ug/l
RT: 3.733 min Scan# 414
Delta R.T. 0.122 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

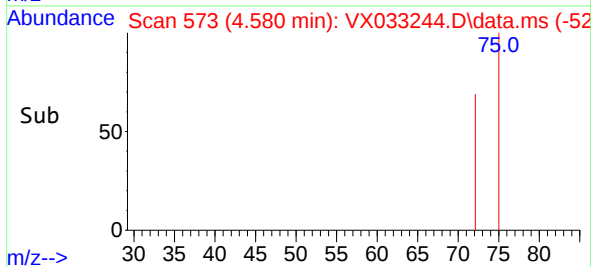
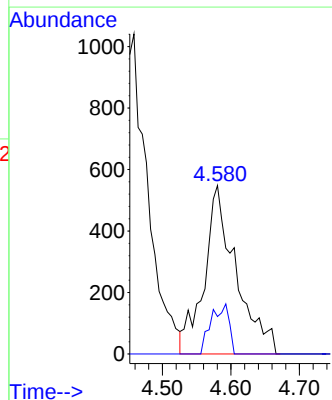
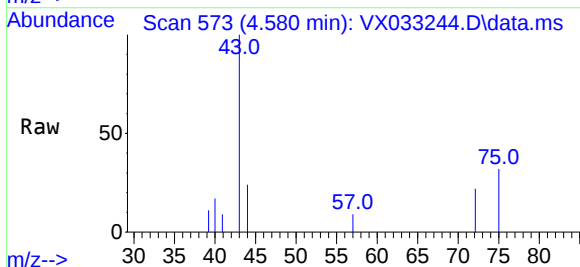
Instrument :
MSVOA_X
ClientSampleId :
MW-44

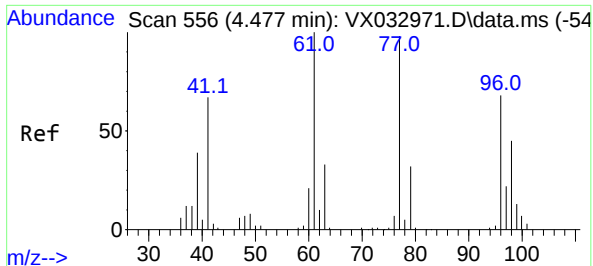
Tgt Ion: 63 Resp: 508
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.8#



#25
2-Butanone
Concen: 2.293 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
72 22.3 22.2 33.2





#26

2,2-Dichloropropane

Concen: 0.664 ug/l

RT: 4.306 min Scan# 51

Delta R.T. -0.171 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

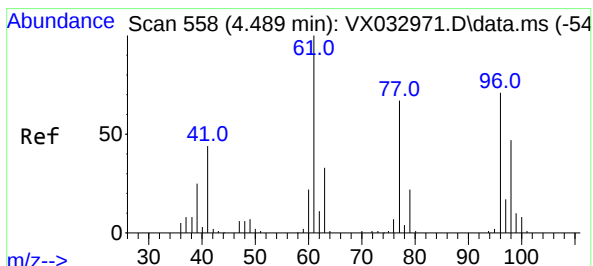
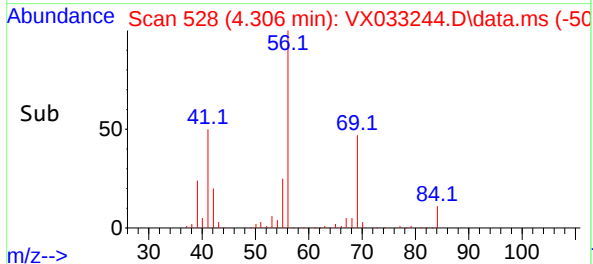
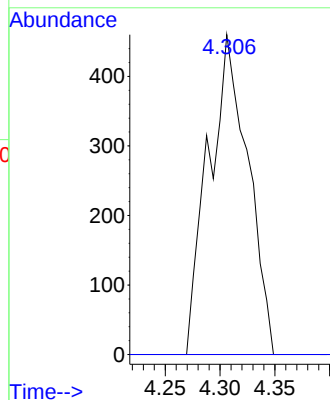
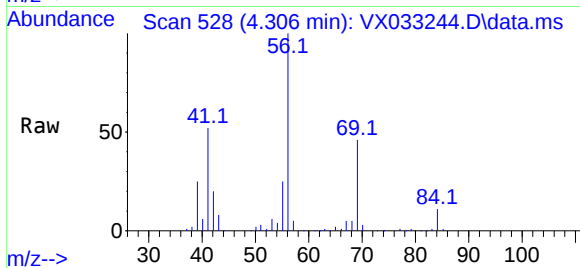
MW-44

Tgt Ion: 77 Resp: 1153

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#27

cis-1,2-Dichloroethene

Concen: 0.453 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

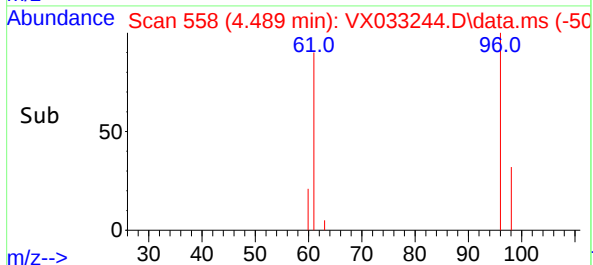
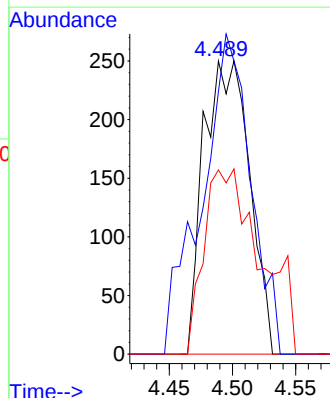
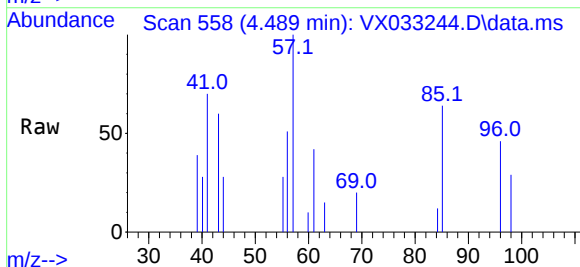
Tgt Ion: 96 Resp: 632

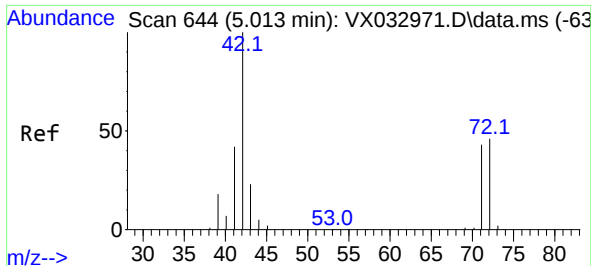
Ion Ratio Lower Upper

96 100

61 116.5 0.0 286.0

98 68.8 0.0 129.6





#29

Tetrahydrofuran

Concen: 2.839 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

MW-44

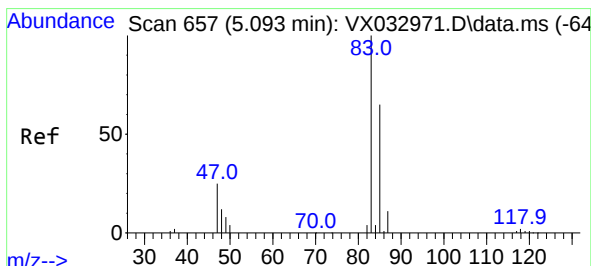
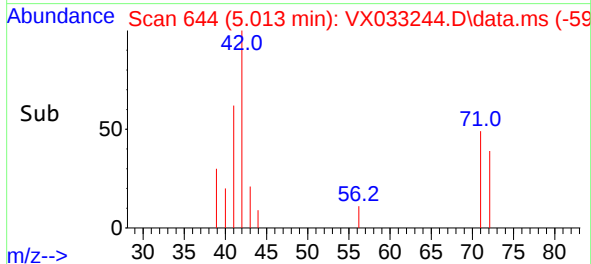
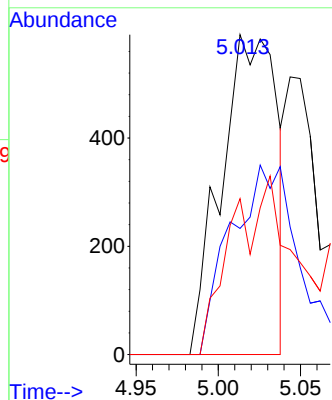
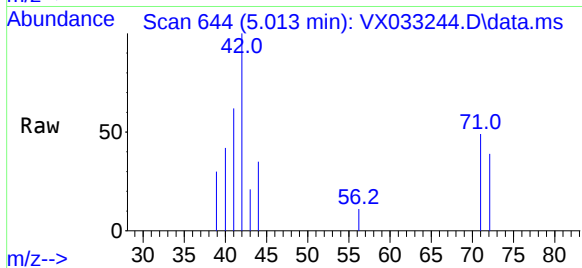
Tgt Ion: 42 Resp: 1389

Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

71 24.8 34.7 52.1#



#30

Chloroform

Concen: 3.437 ug/l

RT: 5.166 min Scan# 669

Delta R.T. 0.067 min

Lab File: VX033244.D

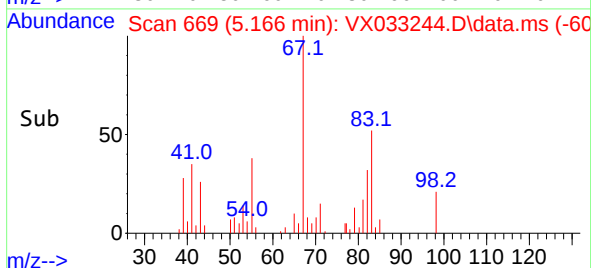
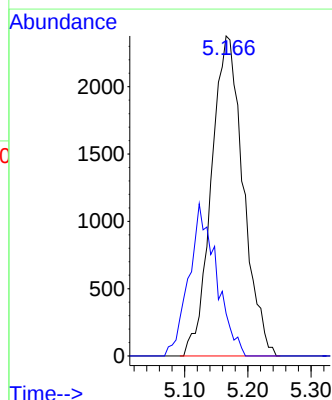
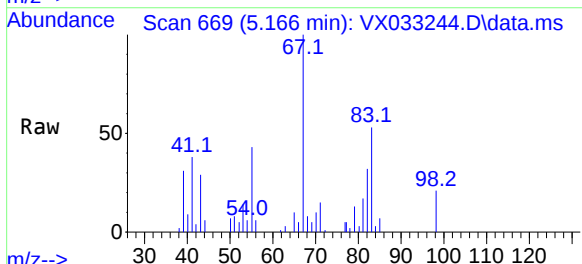
Acq: 05 Dec 2022 22:22

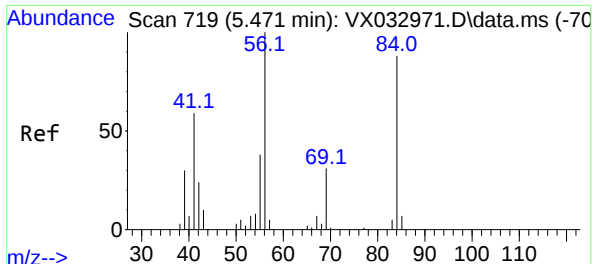
Tgt Ion: 83 Resp: 8308

Ion Ratio Lower Upper

83 100

85 13.3 51.1 76.7#

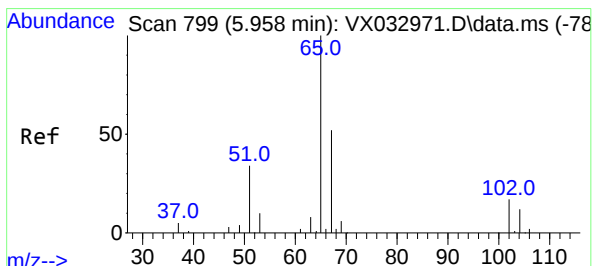
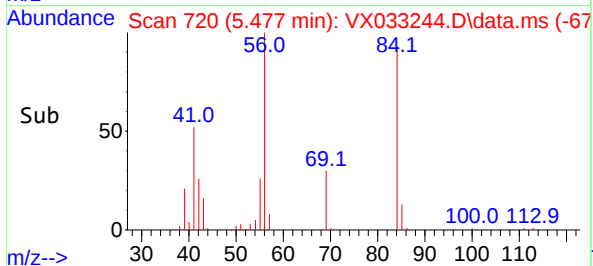
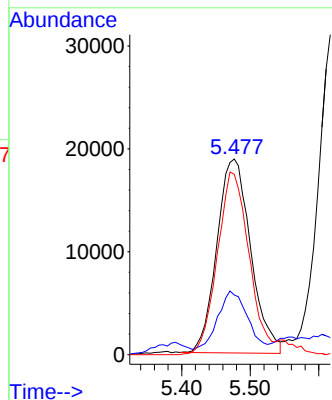
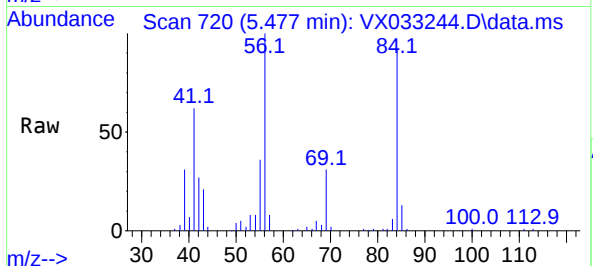




#31
Cyclohexane
Concen: 33.389 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

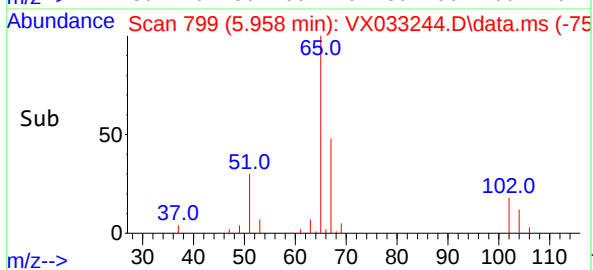
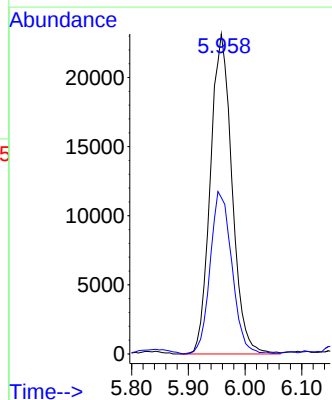
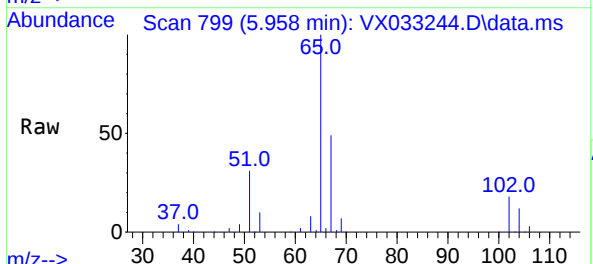
Instrument :
MSVOA_X
ClientSampleId :
MW-44

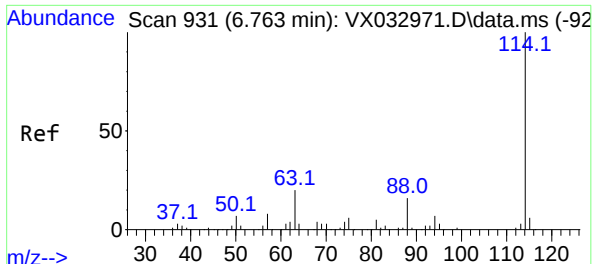
Tgt Ion: 56 Resp: 64770
Ion Ratio Lower Upper
56 100
69 25.5 24.1 36.1
84 93.2 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.167 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 65 Resp: 61378
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

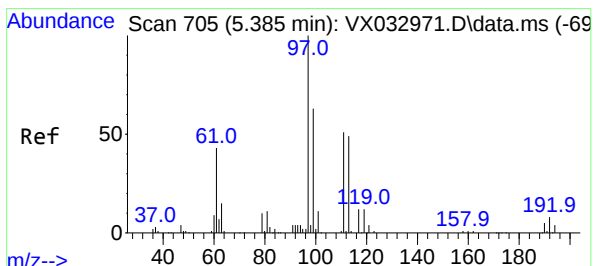
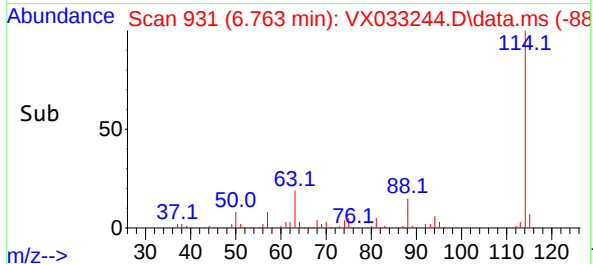
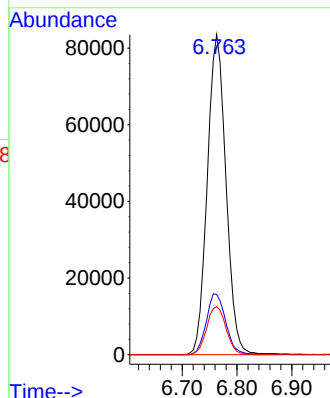
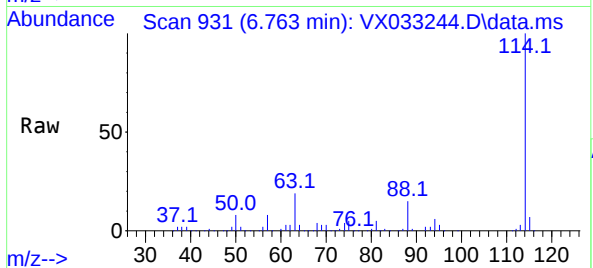




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

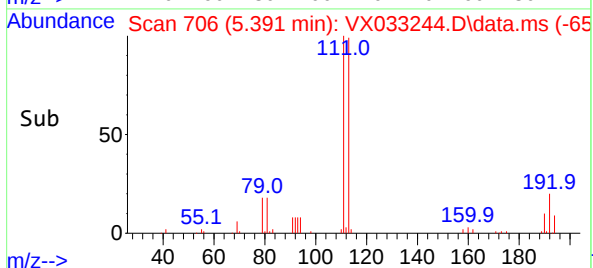
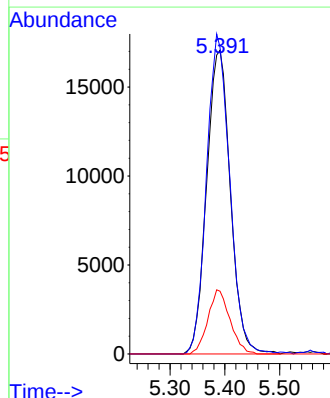
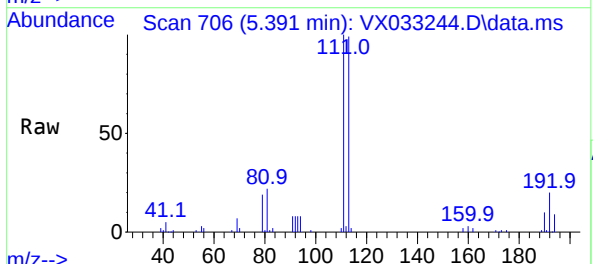
Instrument :
MSVOA_X
ClientSampleId :
MW-44

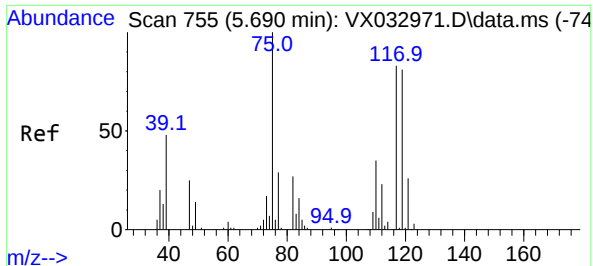
Tgt Ion:114 Resp: 196957
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.6
88 15.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.149 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion:113 Resp: 51243
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.6 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.350 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

MW-44

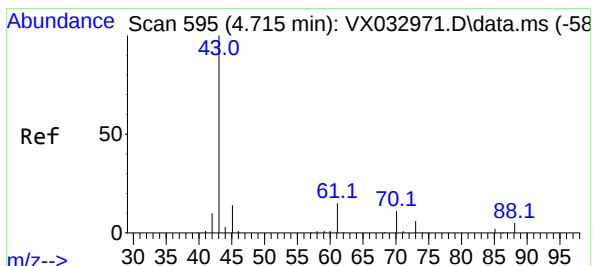
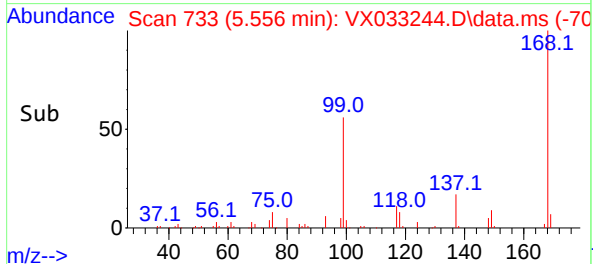
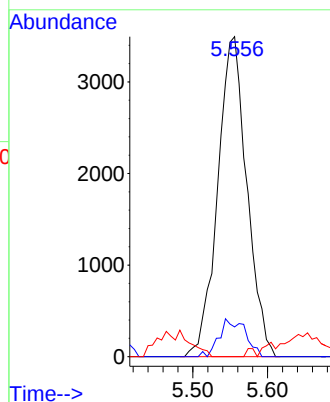
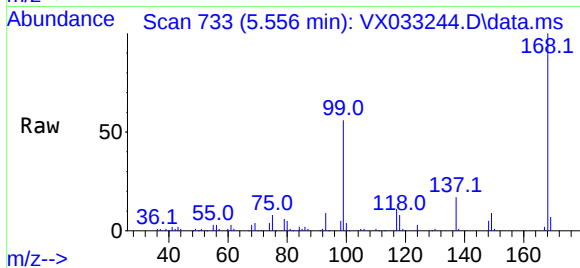
Tgt Ion: 75 Resp: 9498

Ion Ratio Lower Upper

75 100

110 10.5 18.4 55.2#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: 0.265 ug/l

RT: 4.794 min Scan# 608

Delta R.T. 0.079 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

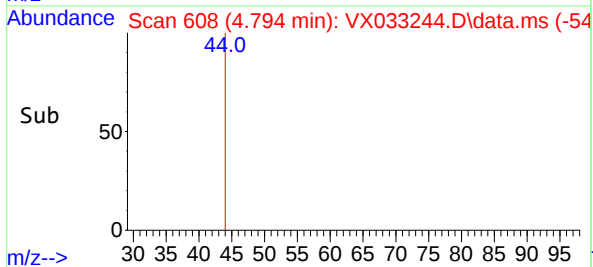
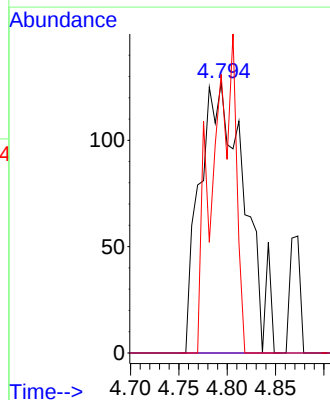
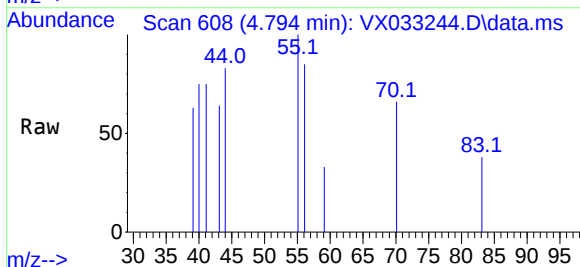
Tgt Ion: 43 Resp: 410

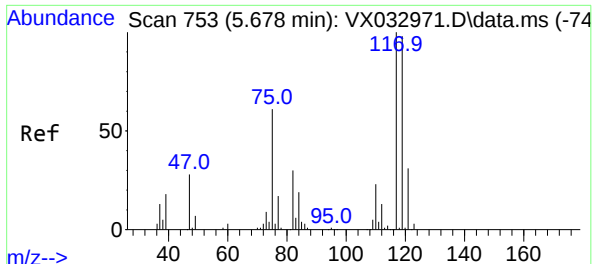
Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 61.0 9.1 13.7#

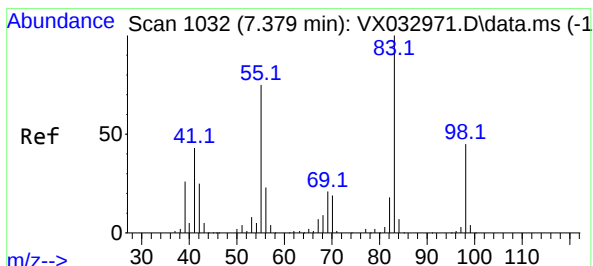
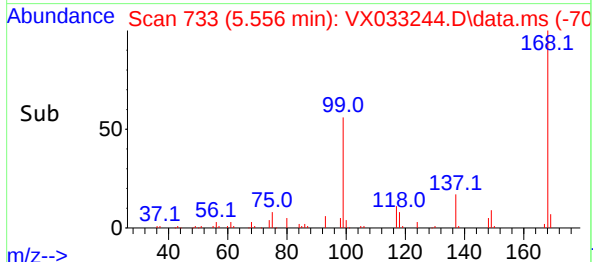
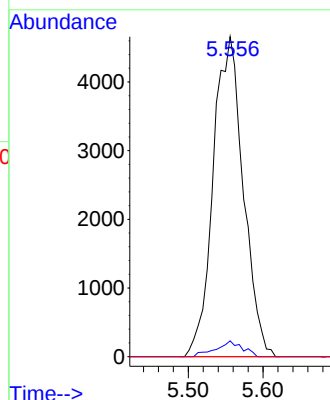
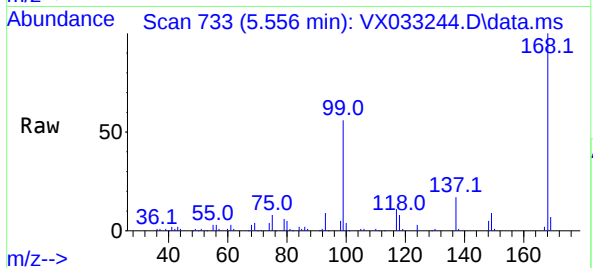




#38
Carbon Tetrachloride
Concen: 6.623 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

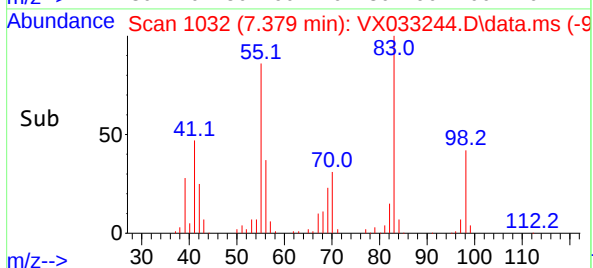
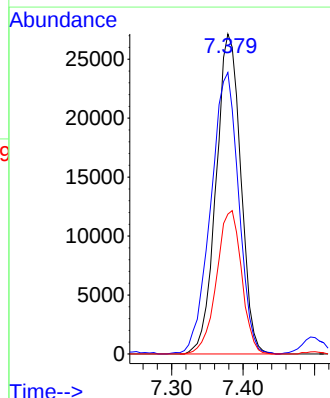
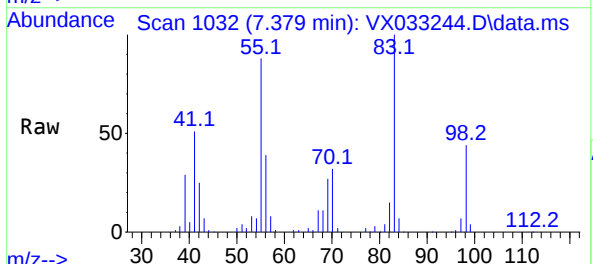
Instrument :
MSVOA_X
ClientSampleId :
MW-44

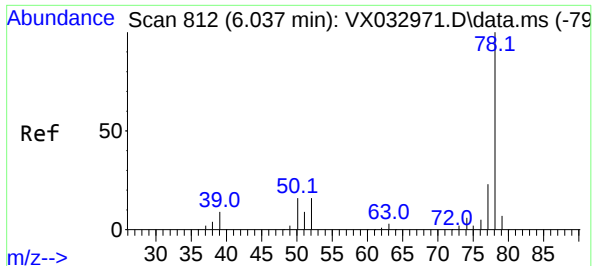
Tgt Ion:117 Resp: 13045
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 32.093 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 83 Resp: 65013
Ion Ratio Lower Upper
83 100
55 87.9 58.4 87.6#
98 43.7 37.2 55.8

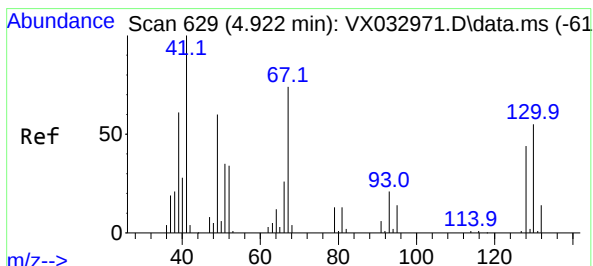
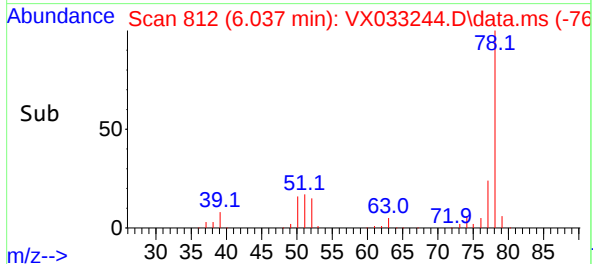
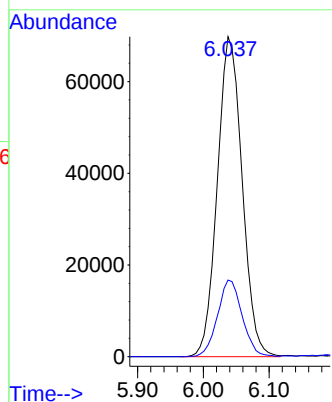
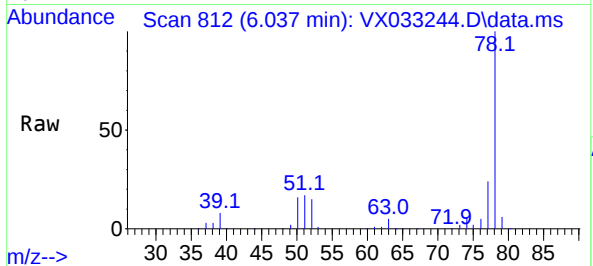




#40
Benzene
Concen: 36.833 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

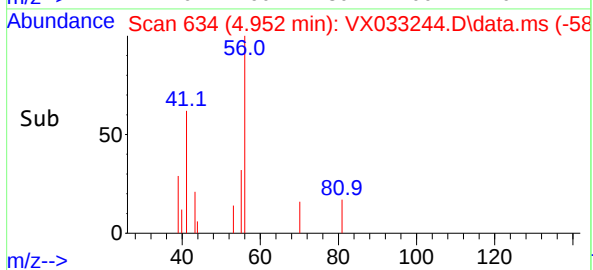
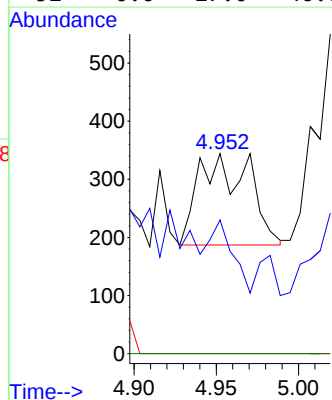
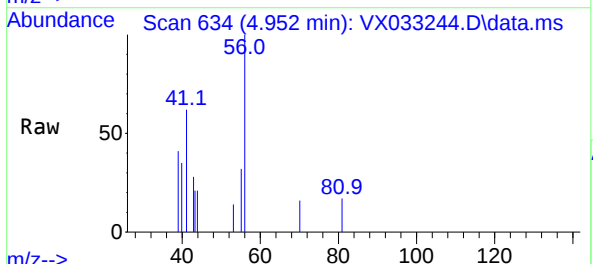
Instrument :
MSVOA_X
ClientSampleId :
MW-44

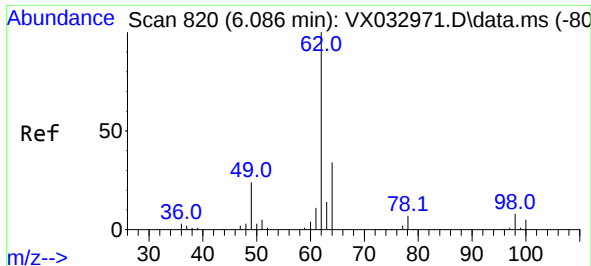
Tgt Ion: 78 Resp: 183351
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4



#41
Methacrylonitrile
Concen: 0.383 ug/l
RT: 4.952 min Scan# 634
Delta R.T. 0.030 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 41 Resp: 334
Ion Ratio Lower Upper
41 100
39 0.0 47.5 71.3#
67 0.0 60.5 90.7#
52 0.0 27.0 40.6#





#42

1,2-Dichloroethane

Concen: 1.442 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

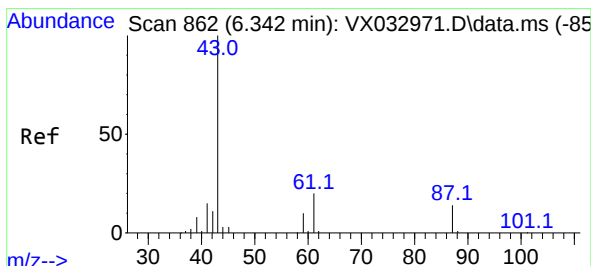
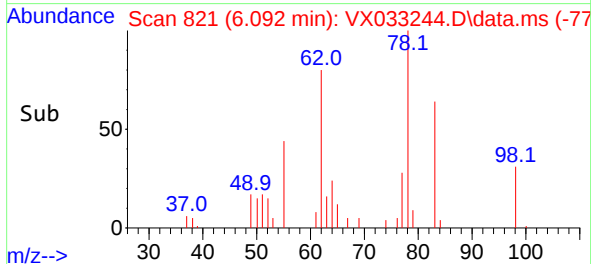
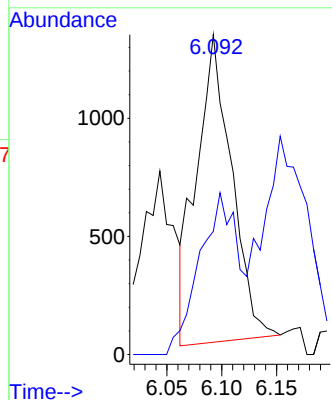
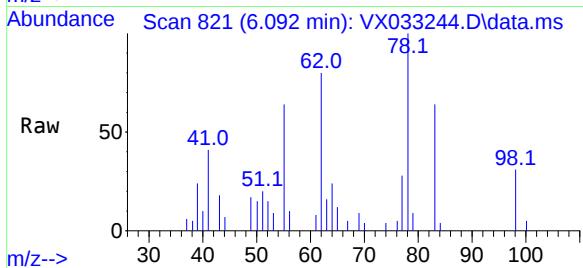
MW-44

Tgt Ion: 62 Resp: 2891

Ion Ratio Lower Upper

62 100

98 58.5 0.0 16.0#



#43

Isopropyl Acetate

Concen: 1.670 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.019 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

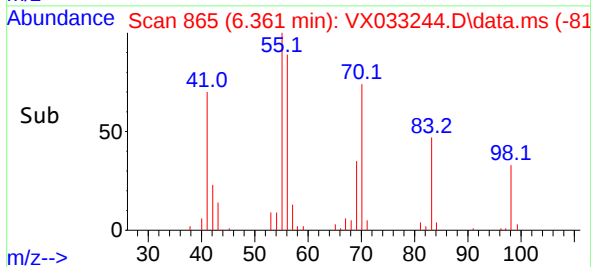
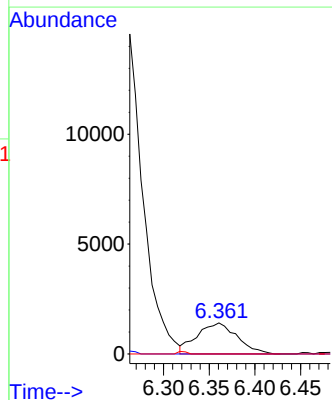
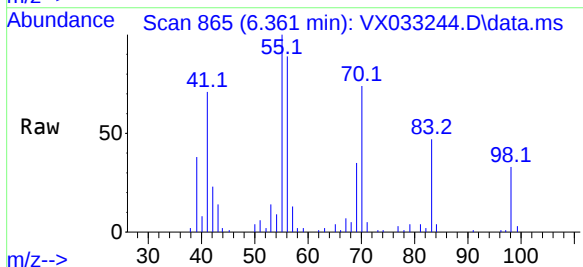
Tgt Ion: 43 Resp: 4277

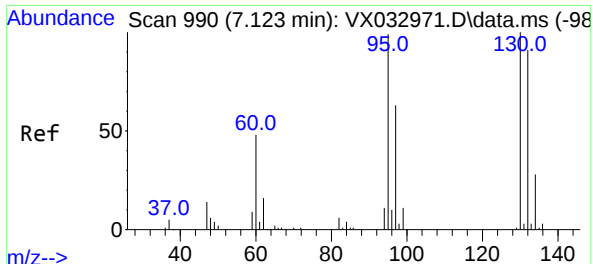
Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

87 0.0 10.8 16.2#

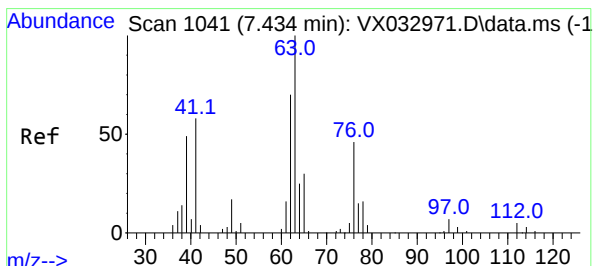
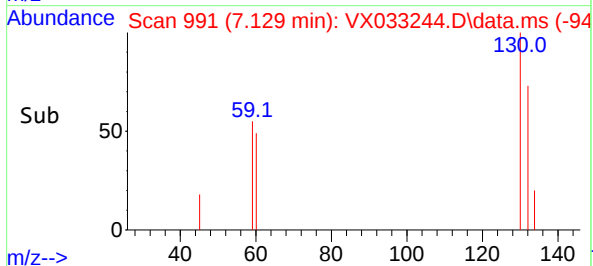
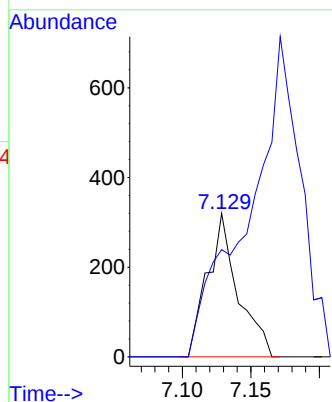
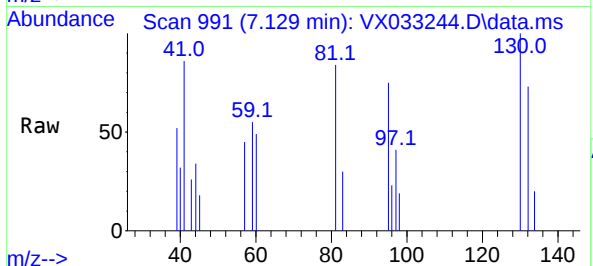




#44
Trichloroethene
Concen: 0.354 ug/l
RT: 7.129 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

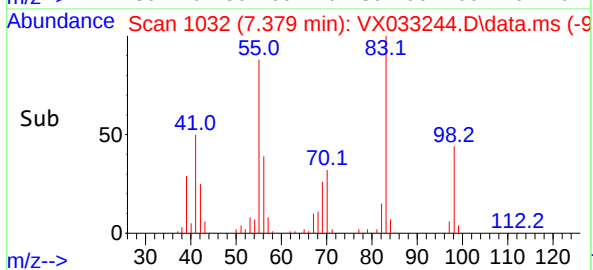
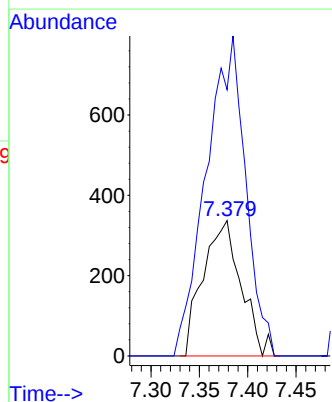
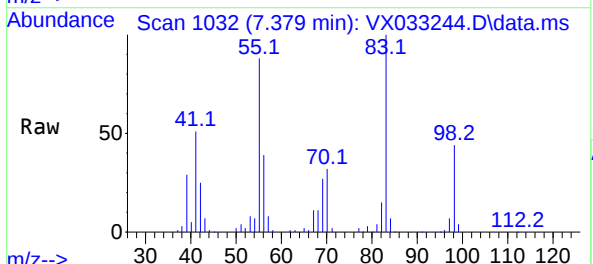
Instrument :
MSVOA_X
ClientSampleId :
MW-44

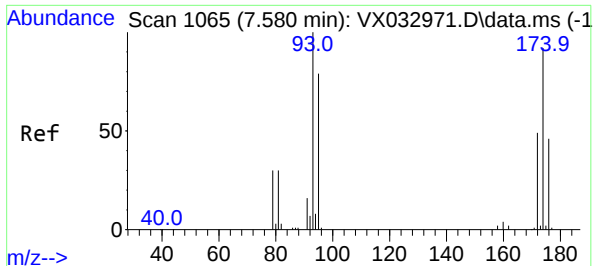
Tgt Ion:130 Resp: 495
Ion Ratio Lower Upper
130 100
95 74.7 0.0 195.2



#45
1,2-Dichloropropane
Concen: 0.751 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.055 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 63 Resp: 924
Ion Ratio Lower Upper
63 100
65 196.7 24.6 36.8#

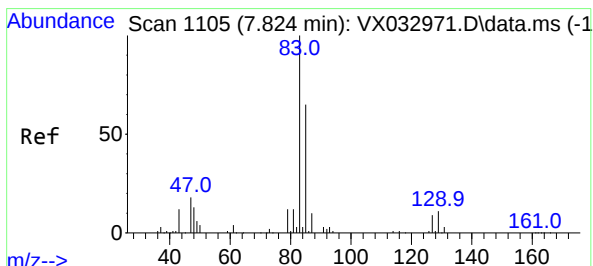
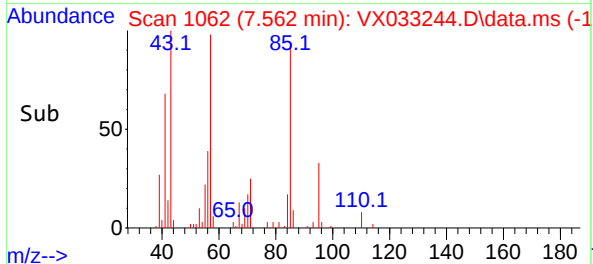
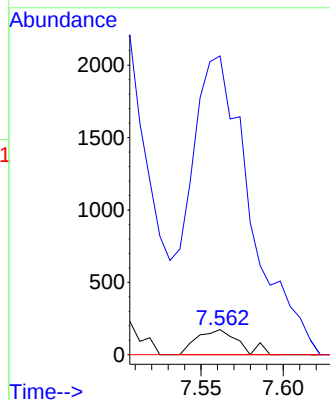
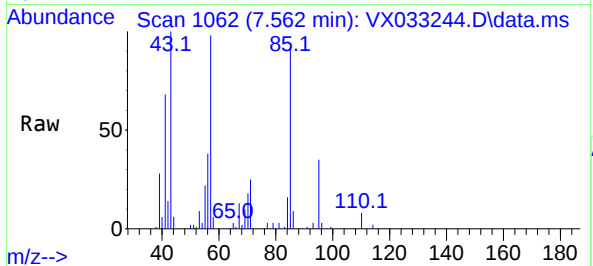




#46
Dibromomethane
Concen: 0.321 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.018 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

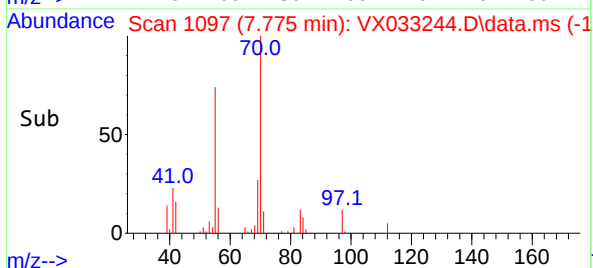
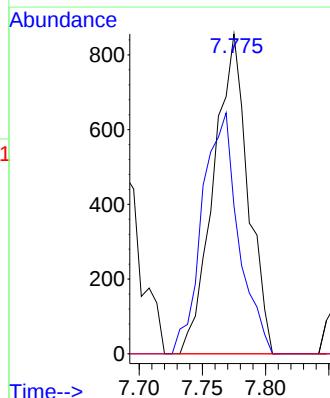
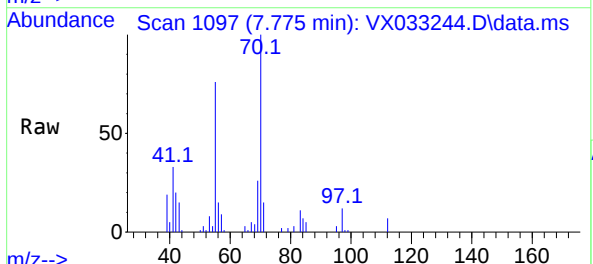
Instrument : MSVOA_X
ClientSampleId : MW-44

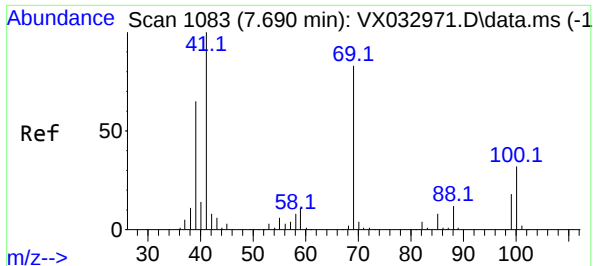
Tgt Ion: 93 Resp: 308
Ion Ratio Lower Upper
93 100
95 1693.8 65.8 98.8#
174 0.0 79.8 119.6#



#47
Bromodichloromethane
Concen: 0.873 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. -0.049 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 83 Resp: 1619
Ion Ratio Lower Upper
83 100
85 46.3 52.2 78.4#
127 0.0 7.4 11.2#





#48

Methyl methacrylate

Concen: 5.692 ug/l

RT: 7.653 min Scan# 1083

Delta R.T. -0.043 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

MW-44

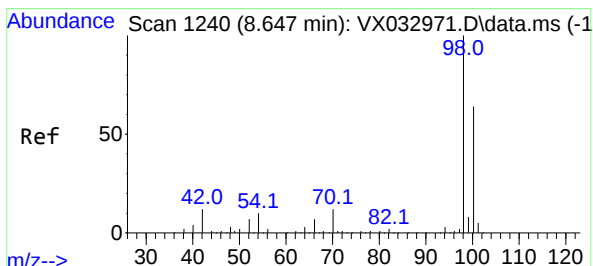
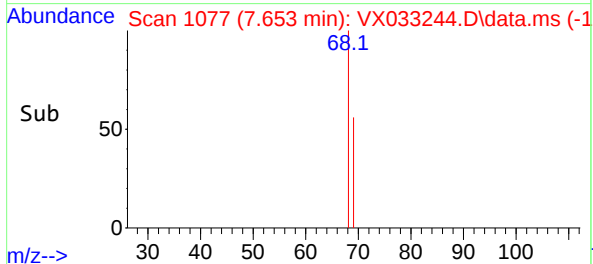
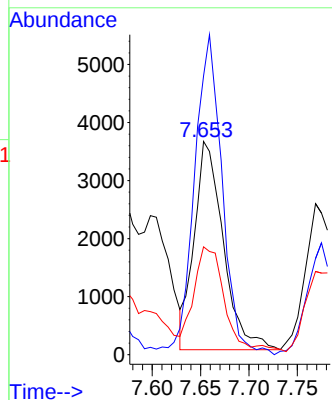
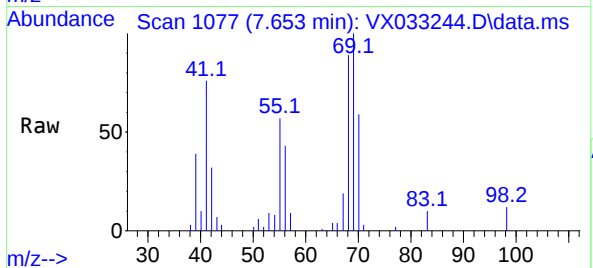
Tgt Ion: 41 Resp: 7505

Ion Ratio Lower Upper

41 100

69 146.9 65.1 97.7#

39 53.3 51.9 77.9



#50

Toluene-d8

Concen: 51.214 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033244.D

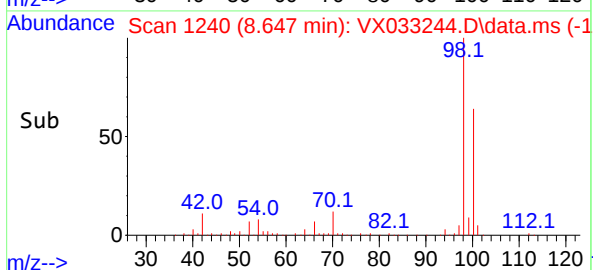
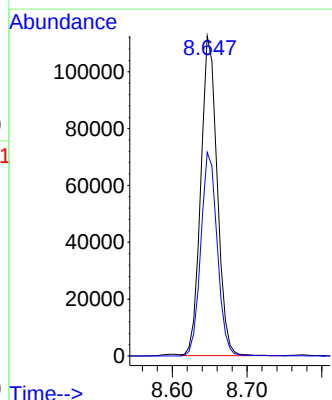
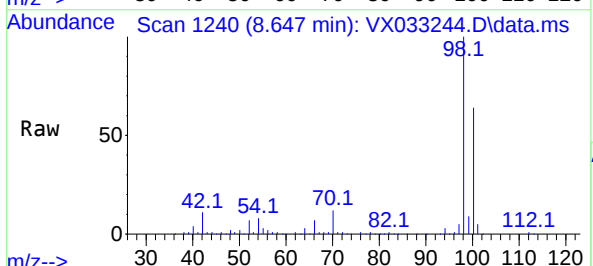
Acq: 05 Dec 2022 22:22

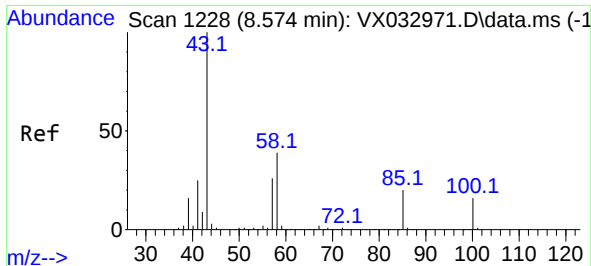
Tgt Ion: 98 Resp: 170925

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 4.740 ug/l

RT: 8.616 min Scan# 11

Delta R.T. 0.042 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

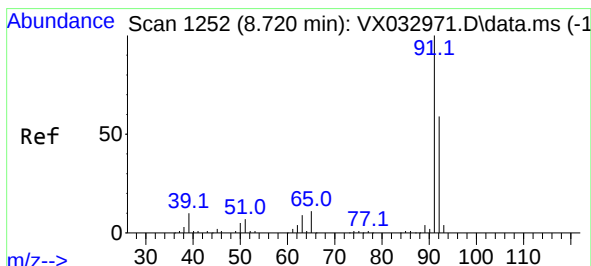
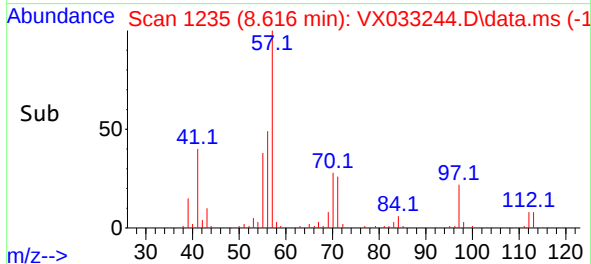
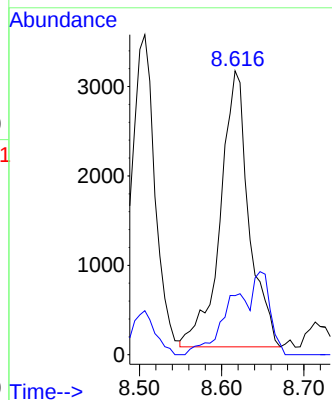
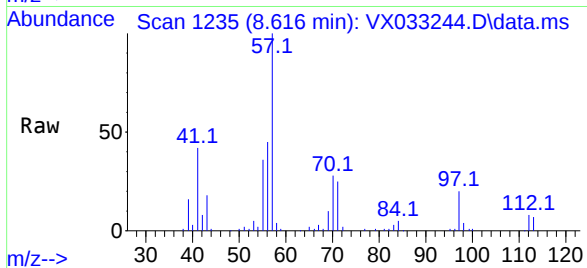
MW-44

Tgt Ion: 43 Resp: 7492

Ion Ratio Lower Upper

43 100

58 22.4 30.9 46.3#



#52

Toluene

Concen: 5.257 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033244.D

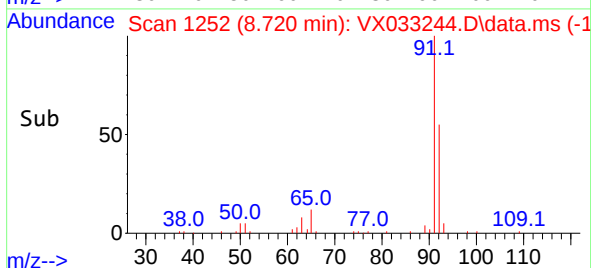
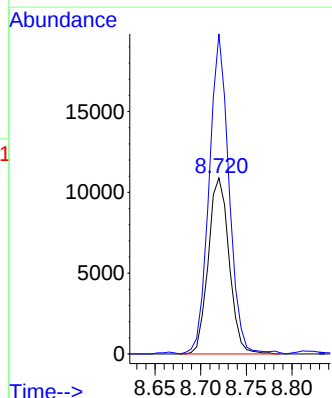
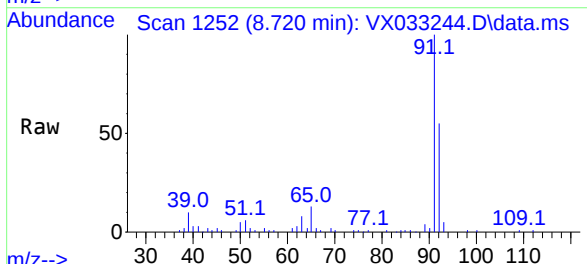
Acq: 05 Dec 2022 22:22

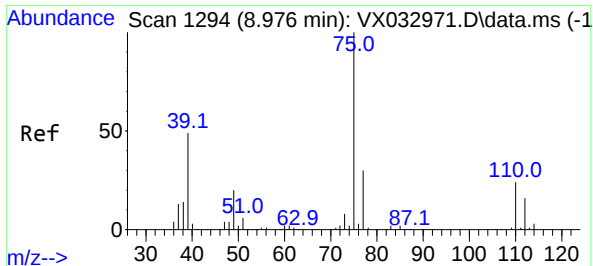
Tgt Ion: 92 Resp: 17217

Ion Ratio Lower Upper

92 100

91 173.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 1.694 ug/l

RT: 8.860 min Scan# 11

Delta R.T. -0.122 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

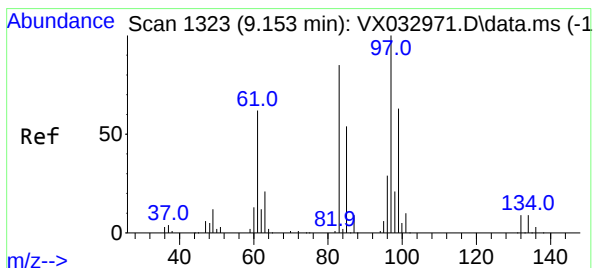
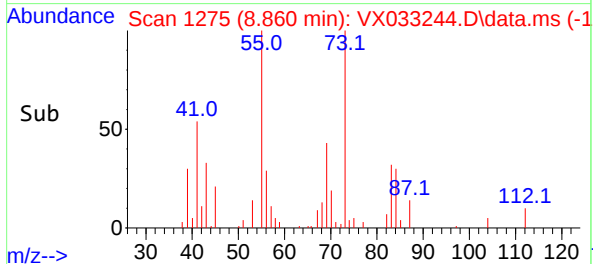
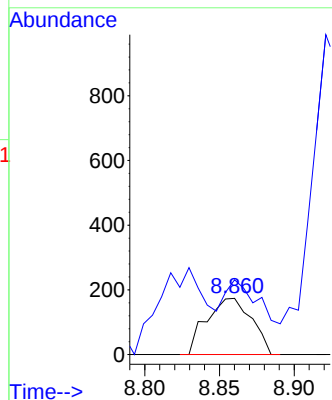
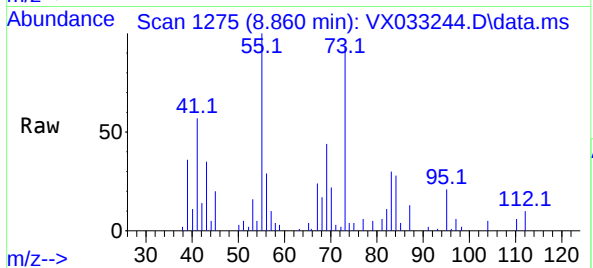
MW-44

Tgt Ion: 75 Resp: 364

Ion Ratio Lower Upper

75 100

77 78.2 25.1 37.7#



#55

1,1,2-Trichloroethane

Concen: 0.469 ug/l

RT: 9.201 min Scan# 1331

Delta R.T. 0.048 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Tgt Ion: 97 Resp: 625

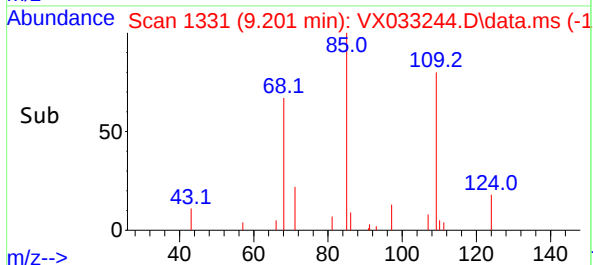
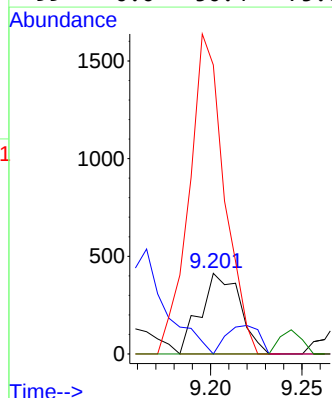
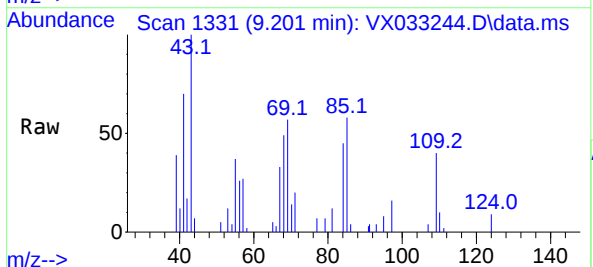
Ion Ratio Lower Upper

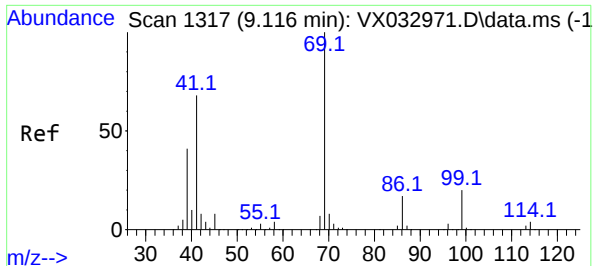
97 100

83 0.0 68.1 102.1#

85 358.1 43.3 64.9#

99 0.0 50.4 75.6#

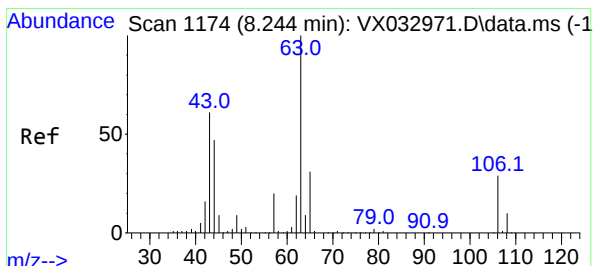
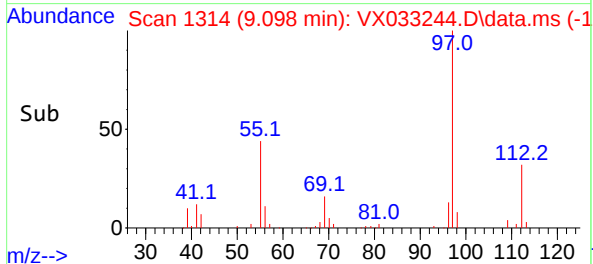
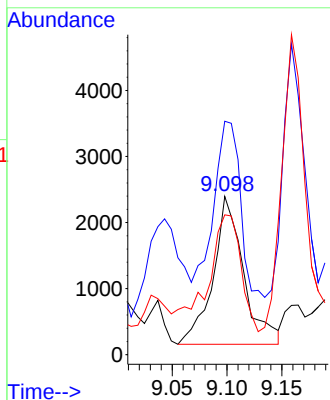
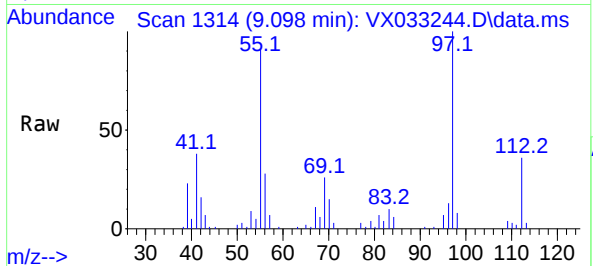




#56
Ethyl methacrylate
Concen: 2.360 ug/l
RT: 9.098 min Scan# 1165
Delta R.T. -0.018 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

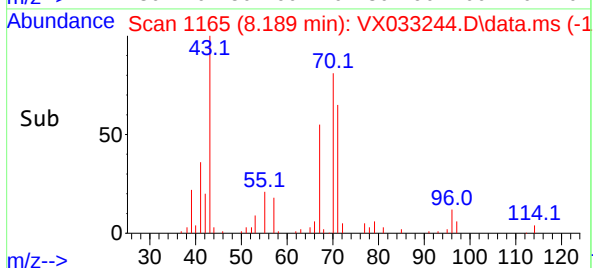
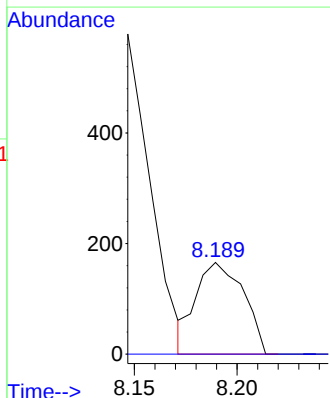
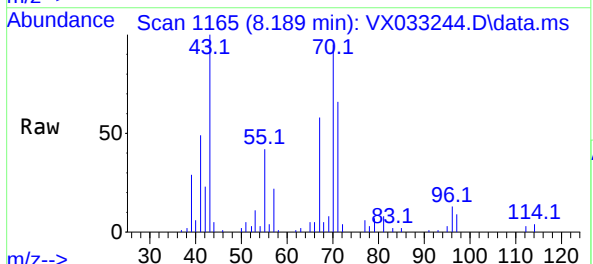
Instrument :
MSVOA_X
ClientSampleId :
MW-44

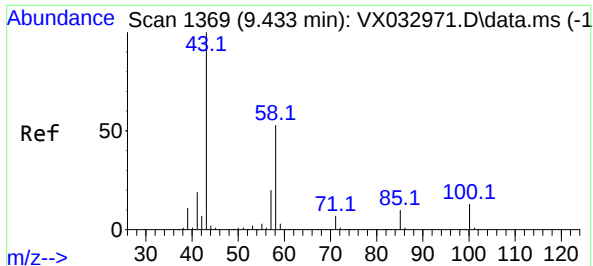
Tgt Ion: 69 Resp: 4335
Ion Ratio Lower Upper
69 100
41 102.8 54.3 81.5#
39 82.6 35.2 52.8#



#58
2-Chloroethyl Vinyl ether
Concen: 0.305 ug/l
RT: 8.189 min Scan# 1165
Delta R.T. -0.055 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 63 Resp: 266
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#





#59

2-Hexanone

Concen: 2.531 ug/l

RT: 9.445 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

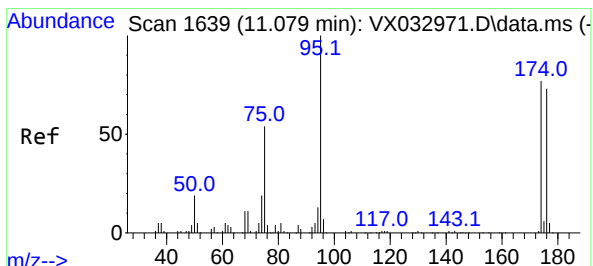
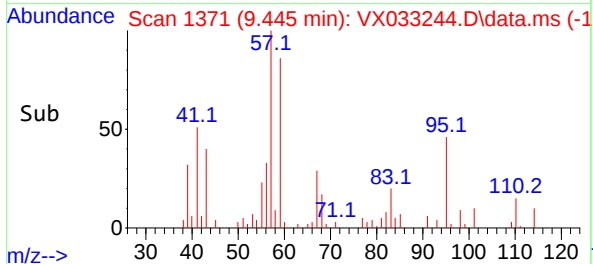
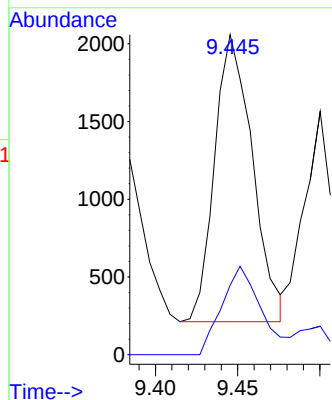
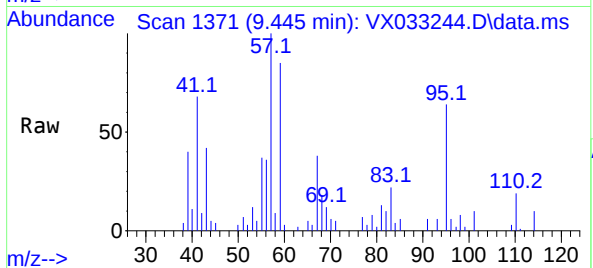
MW-44

Tgt Ion: 43 Resp: 2955

Ion Ratio Lower Upper

43 100

58 32.4 26.5 79.5



#62

4-Bromofluorobenzene

Concen: 51.409 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

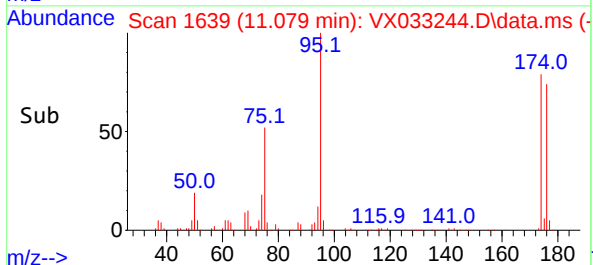
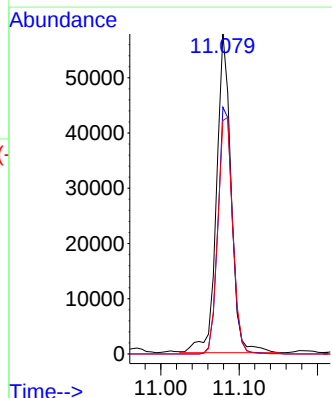
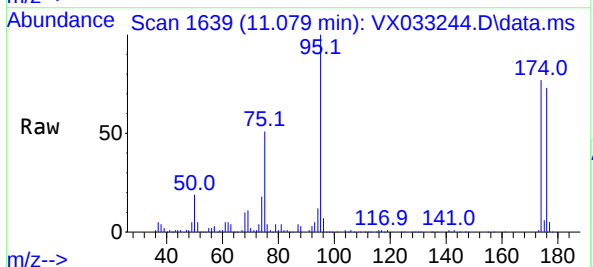
Tgt Ion: 95 Resp: 74984

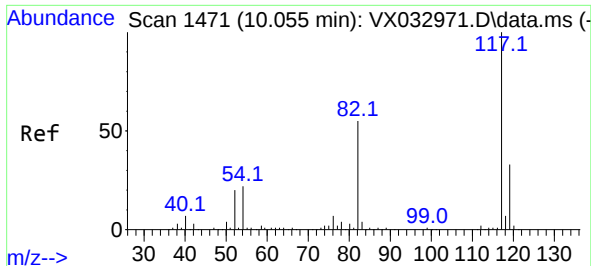
Ion Ratio Lower Upper

95 100

174 76.3 0.0 164.0

176 75.5 0.0 154.4

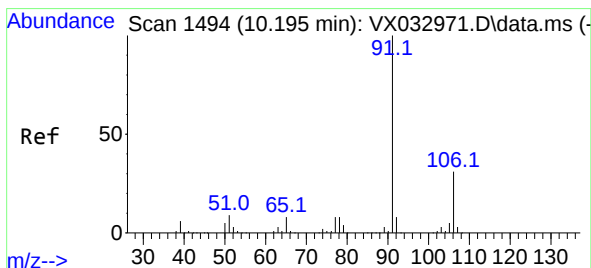
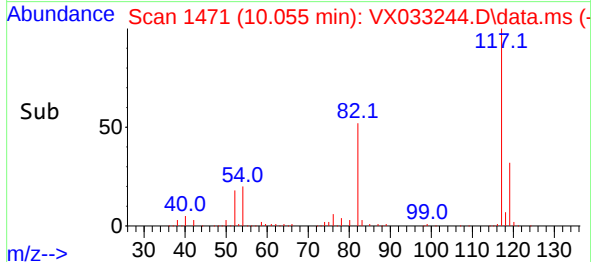
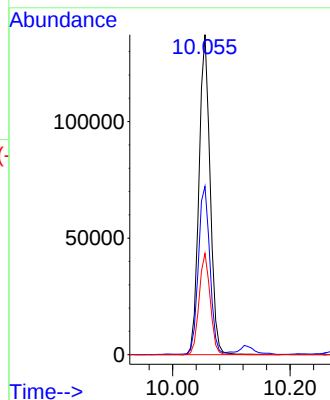
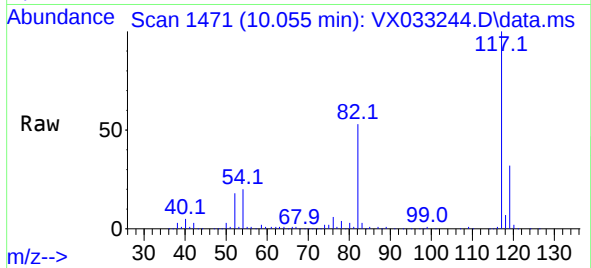




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

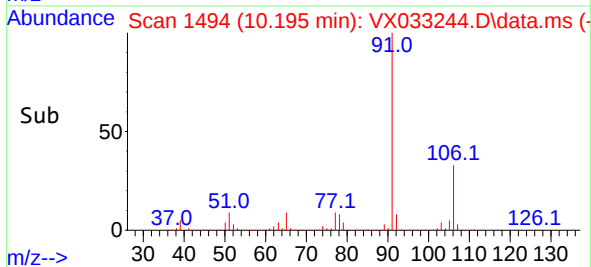
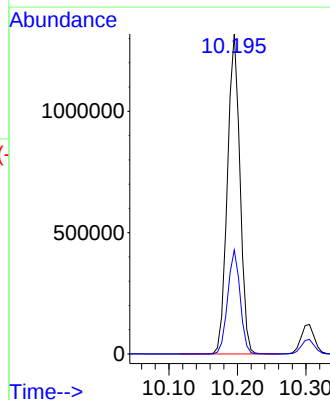
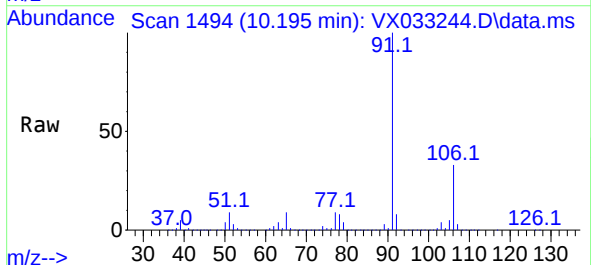
Instrument :
MSVOA_X
ClientSampleId :
MW-44

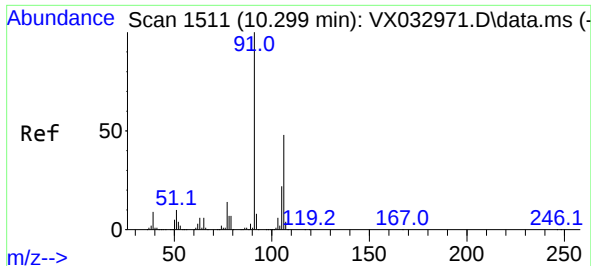
Tgt Ion:117 Resp: 181163
Ion Ratio Lower Upper
117 100
82 52.5 44.3 66.5
119 31.7 25.7 38.5



#67
Ethyl Benzene
Concen: 260.530 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 91 Resp: 1669238
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.6

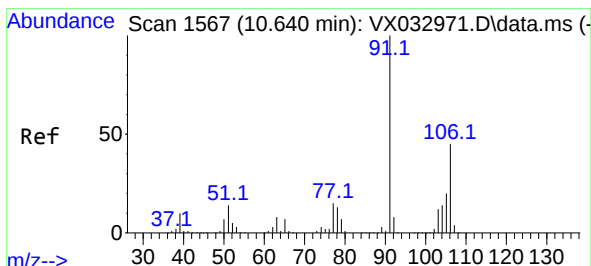
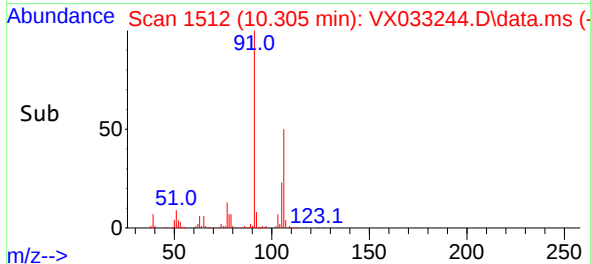
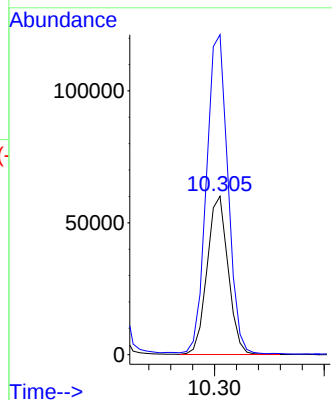
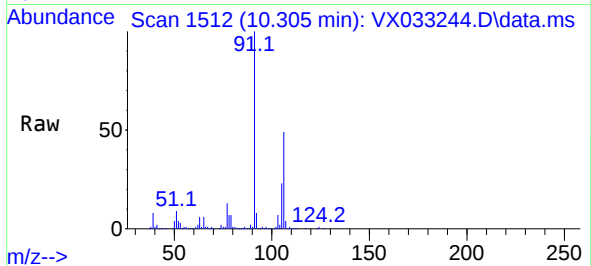




#68
m/p-Xylenes
Concen: 31.864 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

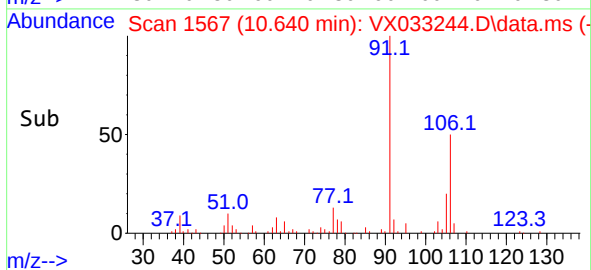
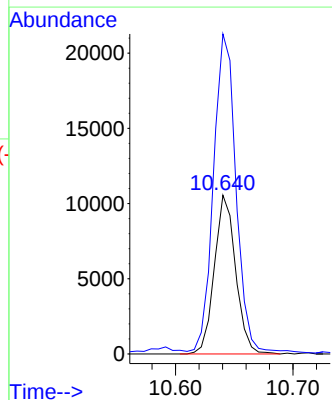
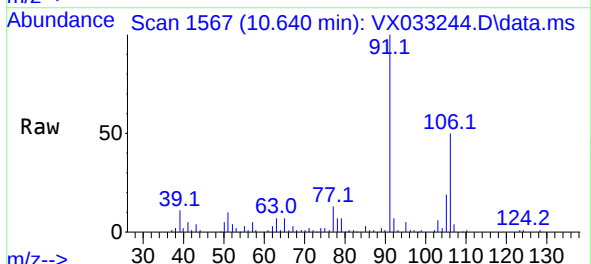
Instrument :
MSVOA_X
ClientSampleId :
MW-44

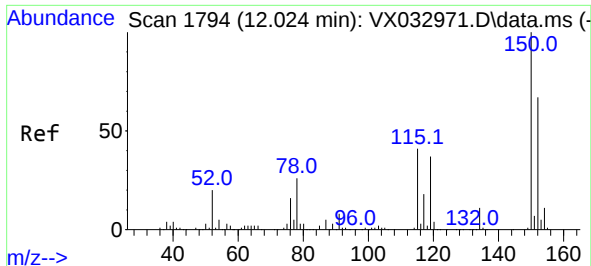
Tgt Ion:106 Resp: 79945
Ion Ratio Lower Upper
106 100
91 205.9 164.5 246.7



#69
o-Xylene
Concen: 5.468 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion:106 Resp: 13274
Ion Ratio Lower Upper
106 100
91 213.6 109.2 327.6

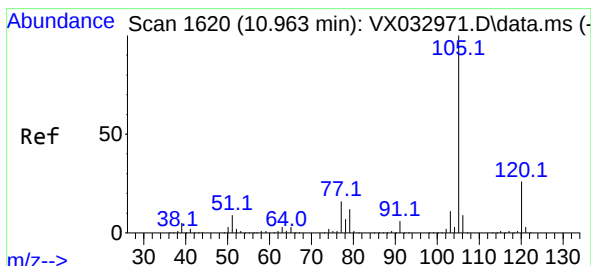
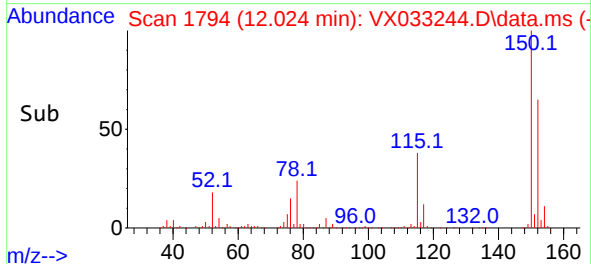
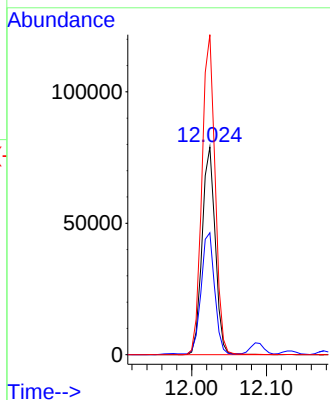
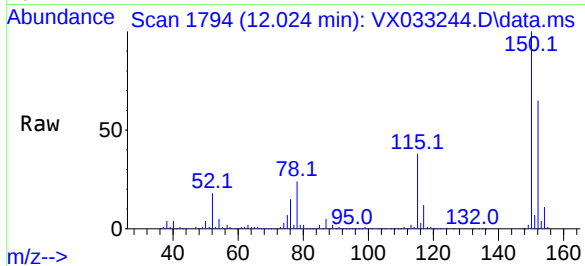




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

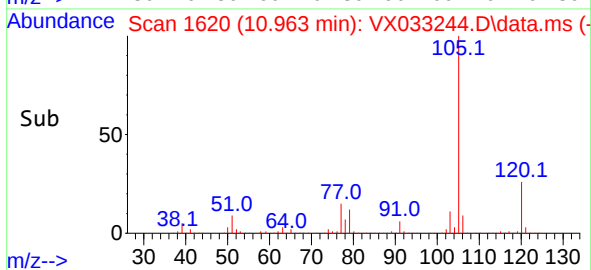
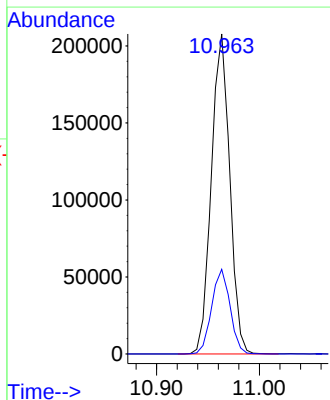
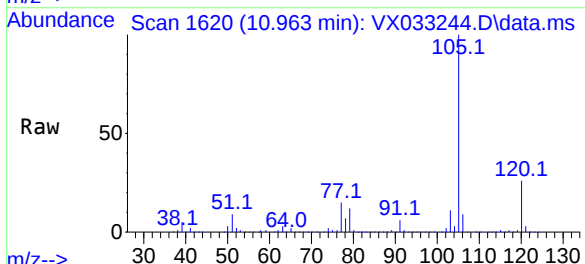
Instrument :
MSVOA_X
ClientSampleId :
MW-44

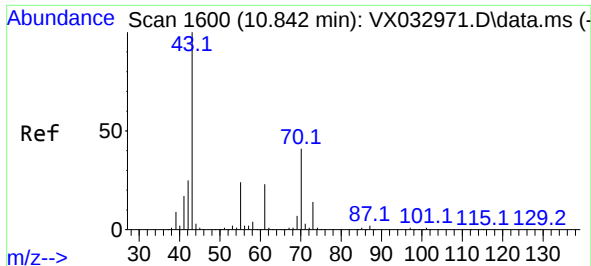
Tgt Ion:152 Resp: 96542
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 154.8 0.0 351.8



#73
Isopropylbenzene
Concen: 37.386 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion:105 Resp: 257915
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

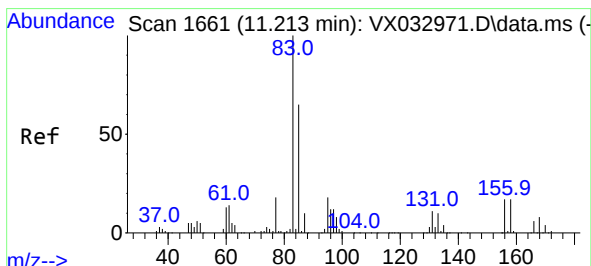
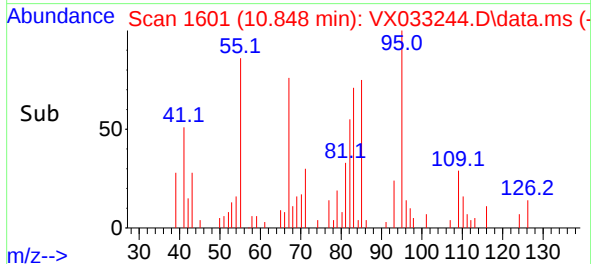
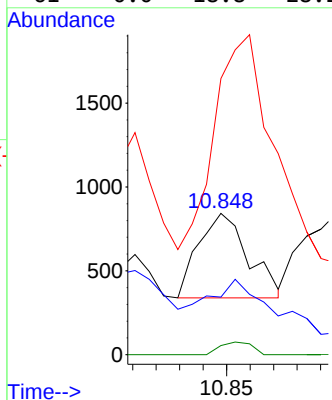
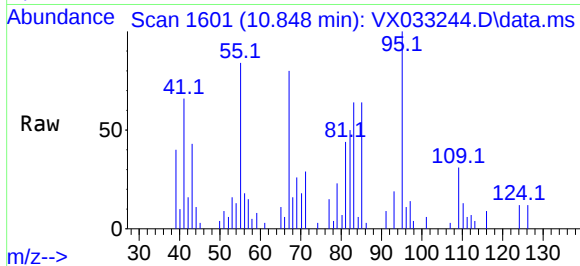




#74
N-amy1 acetate
Concen: 0.316 ug/l
RT: 10.848 min Scan# 1600
Delta R.T. 0.007 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

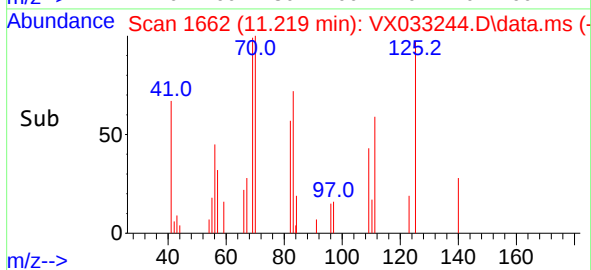
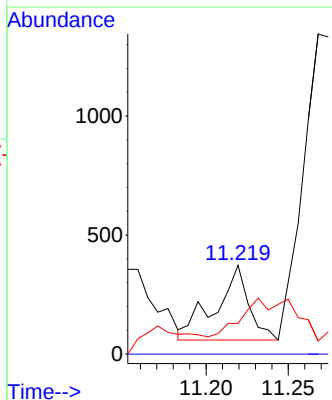
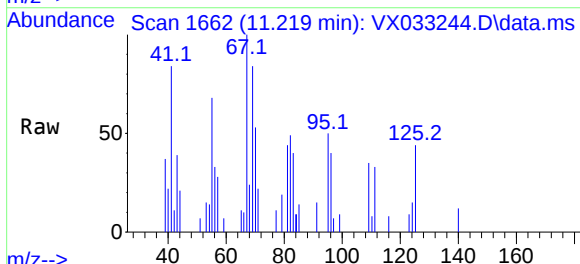
Instrument :
MSVOA_X
ClientSampleId :
MW-44

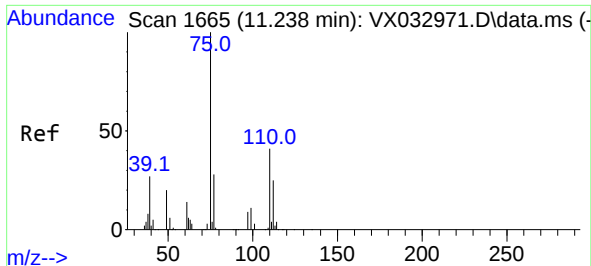
Tgt Ion:	43	Resp:	742
Ion	Ratio	Lower	Upper
43	100		
70	101.5	33.6	50.4#
55	329.9	19.4	29.2#
61	0.0	18.8	28.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.211 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion:	83	Resp:	440
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.4	16.2#
85	106.8	31.9	95.9#

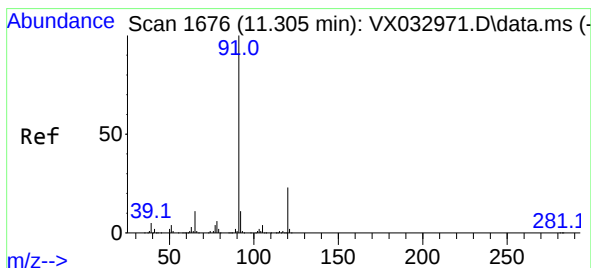
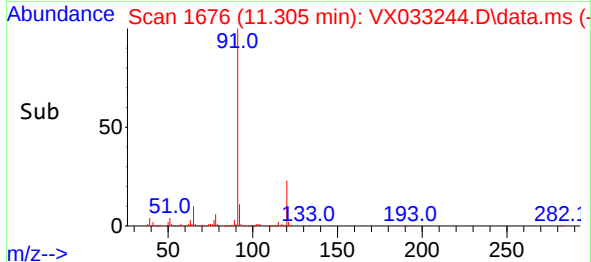
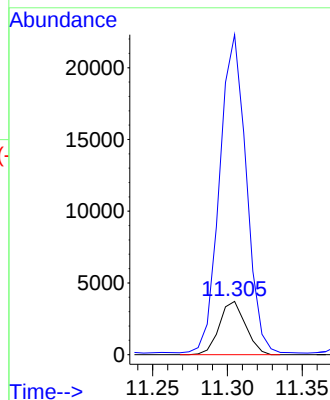
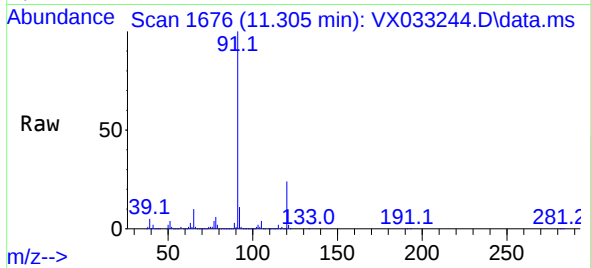




#76
1,2,3-Trichloropropane
Concen: 2.483 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.061 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

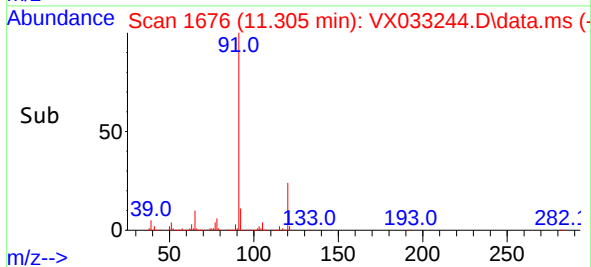
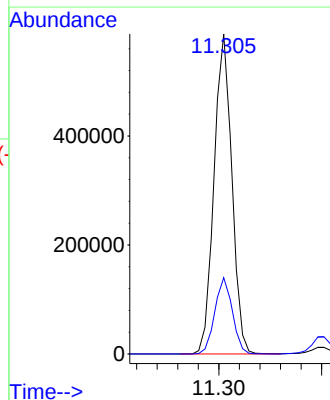
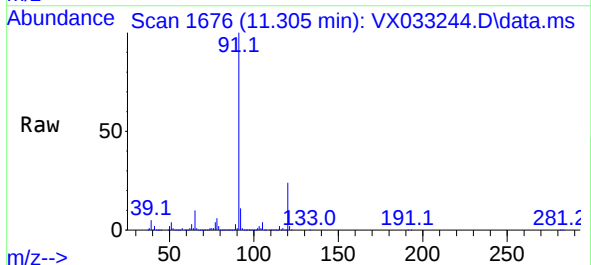
Instrument :
MSVOA_X
ClientSampleId :
MW-44

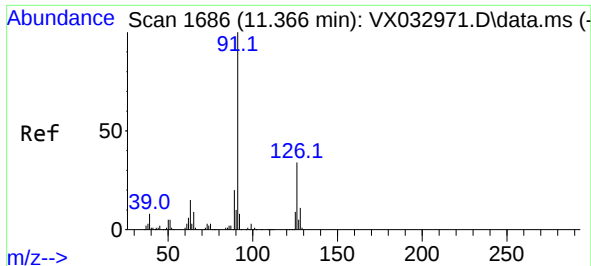
Tgt Ion: 75 Resp: 4539
Ion Ratio Lower Upper
75 100
77 607.2 20.0 60.0#



#78
n-propylbenzene
Concen: 89.231 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 91 Resp: 703828
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8

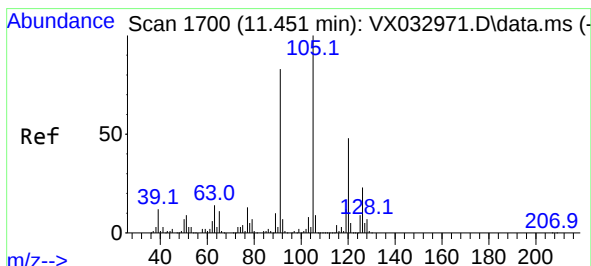
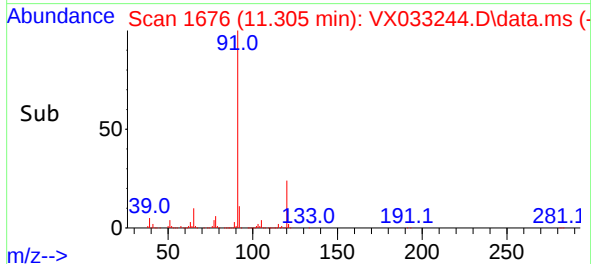
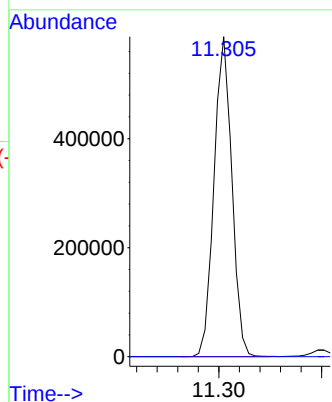
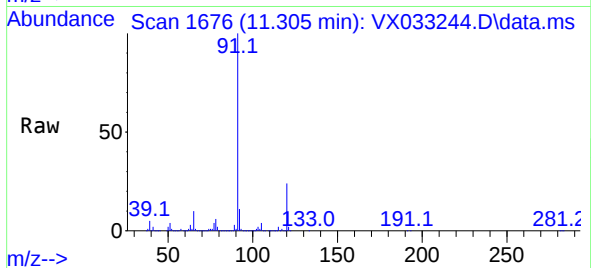




#79
2-Chlorotoluene
Concen: 146.918 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

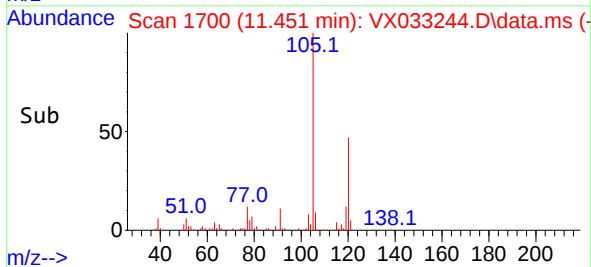
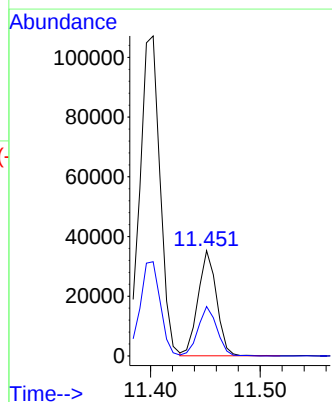
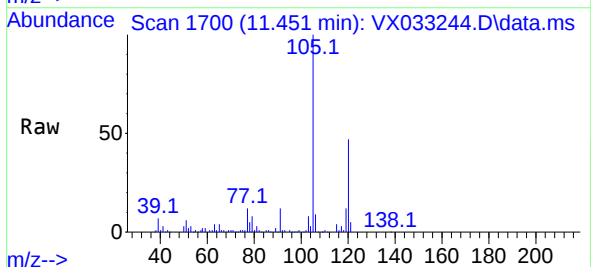
Instrument :
MSVOA_X
ClientSampleId :
MW-44

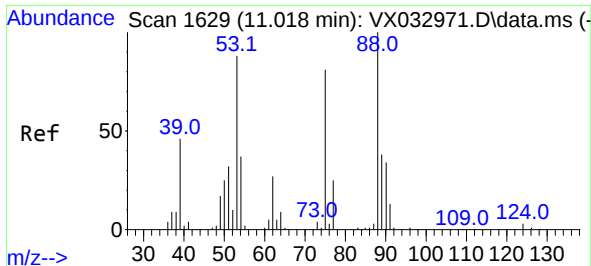
Tgt Ion: 91 Resp: 703828
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.2#



#80
1,3,5-Trimethylbenzene
Concen: 7.158 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 105 Resp: 41483
Ion Ratio Lower Upper
105 100
120 48.0 23.6 71.0

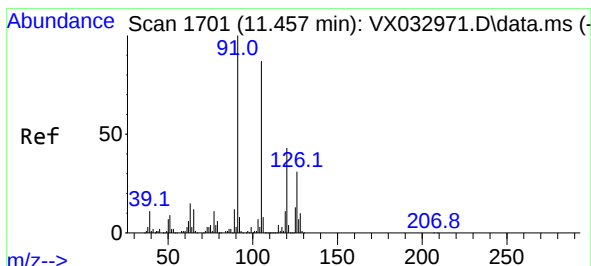
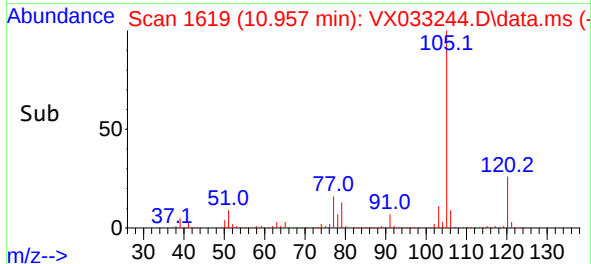
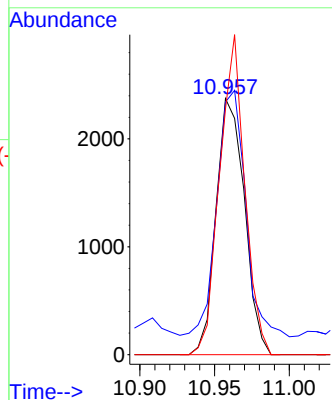
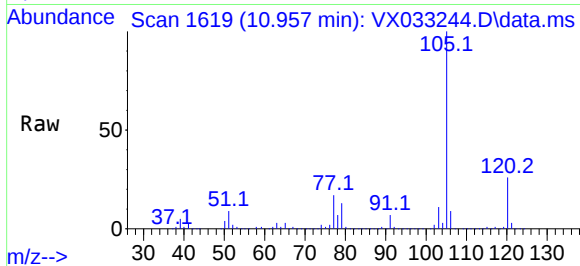




#81
trans-1,4-Dichloro-2-butene
Concen: 5.579 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.061 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

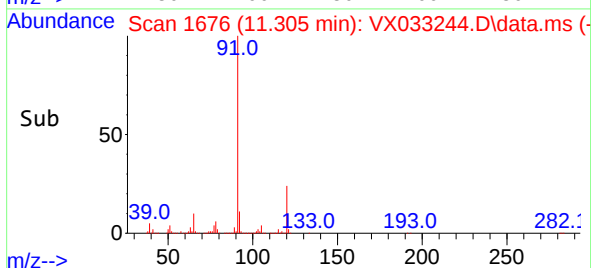
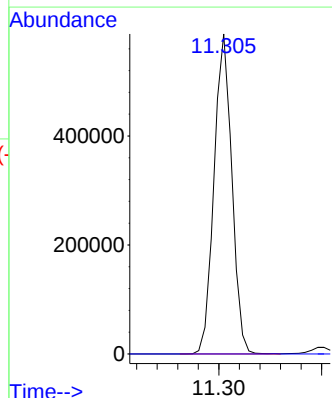
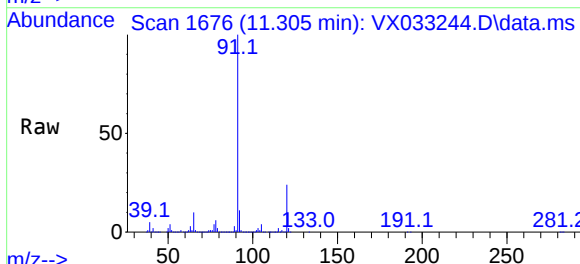
Instrument :
MSVOA_X
ClientSampleId :
MW-44

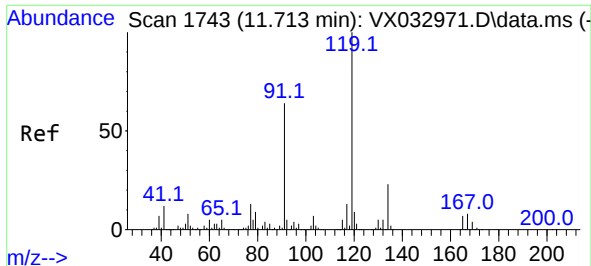
Tgt Ion: 75 Resp: 3138
Ion Ratio Lower Upper
75 100
53 96.9 86.9 130.3
89 110.5 38.3 57.5#



#82
4-Chlorotoluene
Concen: 125.371 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.152 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion: 91 Resp: 703828
Ion Ratio Lower Upper
91 100
126 0.0 14.8 44.4#

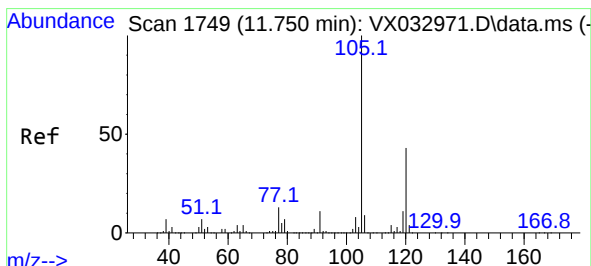
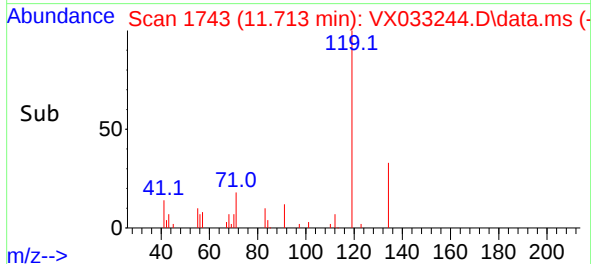
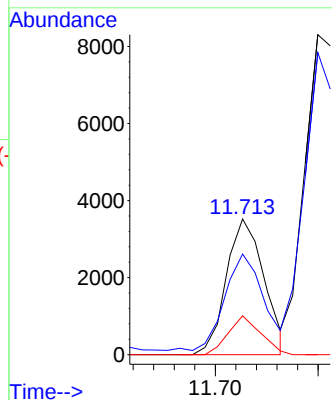
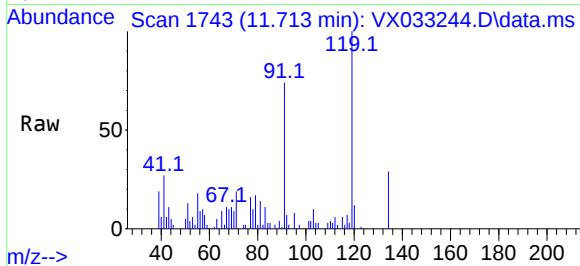




#83
tert-Butylbenzene
Concen: 0.779 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

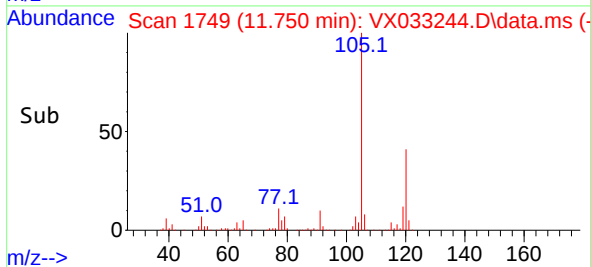
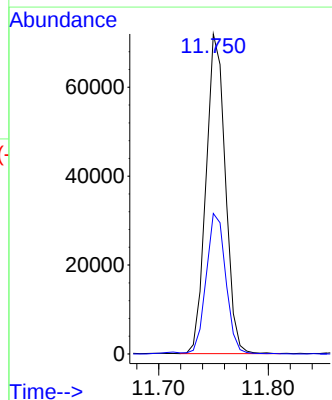
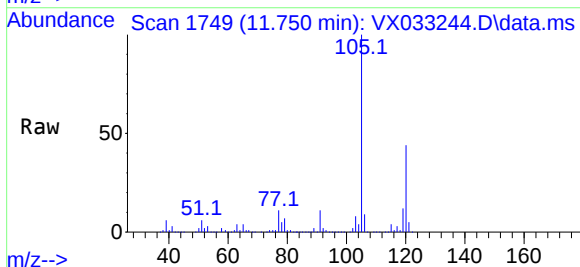
Instrument :
MSVOA_X
ClientSampleId :
MW-44

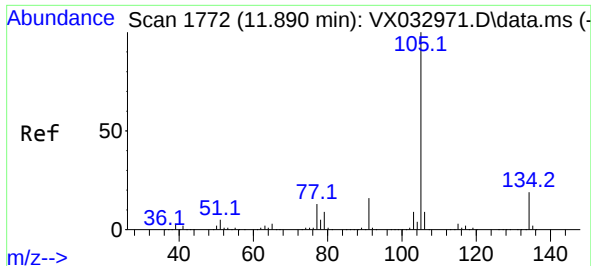
Tgt Ion:119 Resp: 4494
Ion Ratio Lower Upper
119 100
91 72.2 29.4 88.2
134 24.7 11.0 33.0



#84
1,2,4-Trimethylbenzene
Concen: 15.217 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033244.D
Acq: 05 Dec 2022 22:22

Tgt Ion:105 Resp: 87933
Ion Ratio Lower Upper
105 100
120 45.3 21.9 65.5

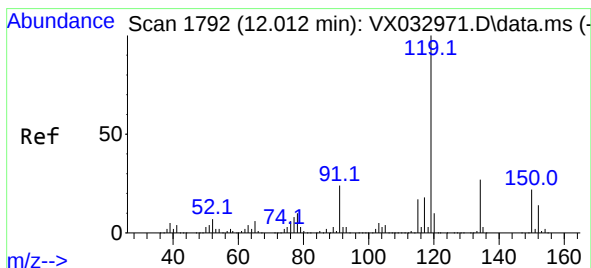
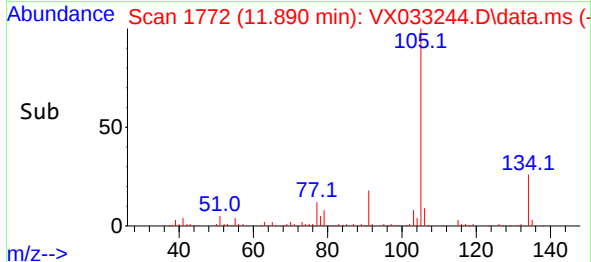
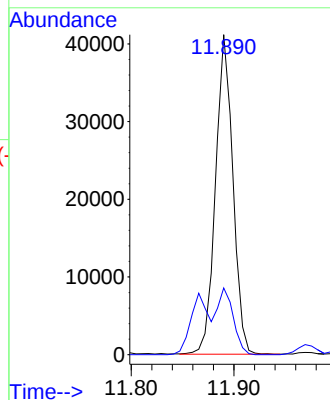
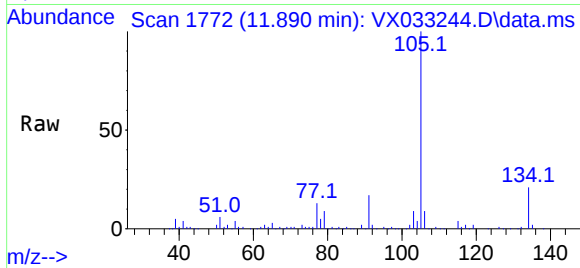




#85
 sec-Butylbenzene
 Concen: 6.972 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033244.D
 Acq: 05 Dec 2022 22:22

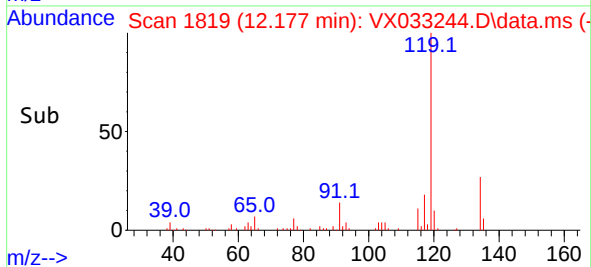
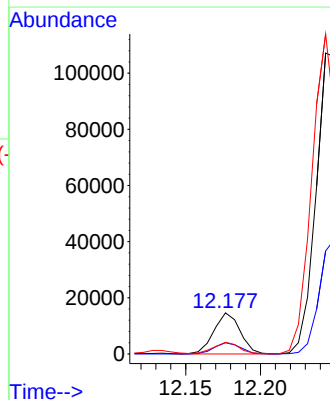
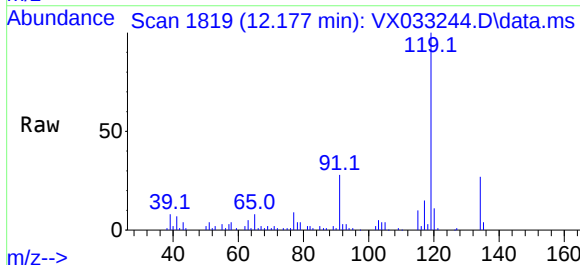
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

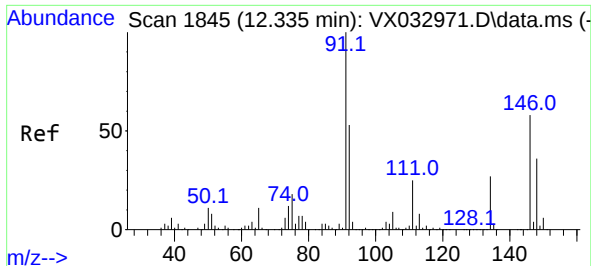
Tgt Ion:105 Resp: 48118
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 3.060 ug/l
 RT: 12.177 min Scan# 1819
 Delta R.T. 0.165 min
 Lab File: VX033244.D
 Acq: 05 Dec 2022 22:22

Tgt Ion:119 Resp: 17894
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.9 38.7
 91 26.8 12.5 37.5





#89

n-Butylbenzene

Concen: 13.797 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

MW-44

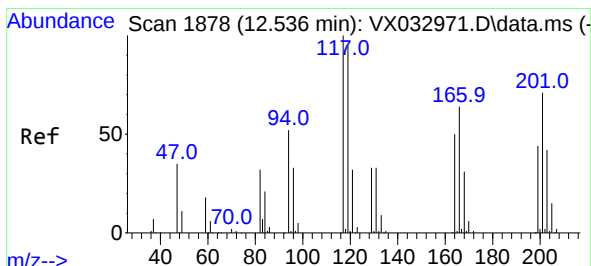
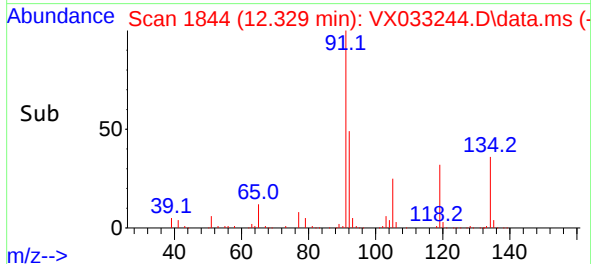
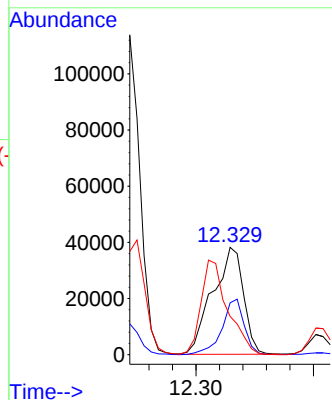
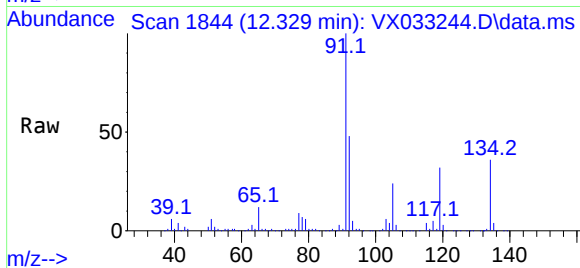
Tgt Ion: 91 Resp: 69500

Ion Ratio Lower Upper

91 100

92 37.5 26.2 78.6

134 0.0 12.9 38.6#



#90

Hexachloroethane

Concen: 32.998 ug/l

RT: 12.616 min Scan# 1891

Delta R.T. 0.074 min

Lab File: VX033244.D

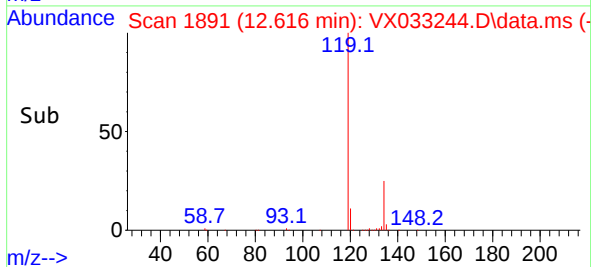
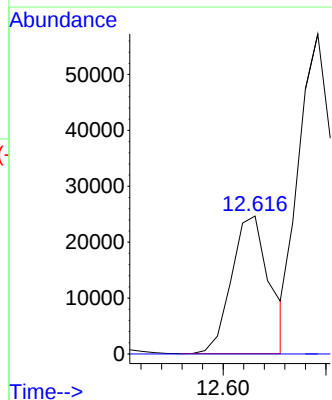
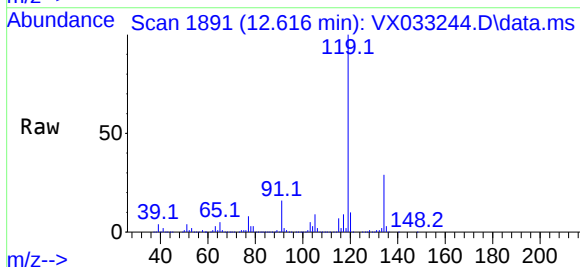
Acq: 05 Dec 2022 22:22

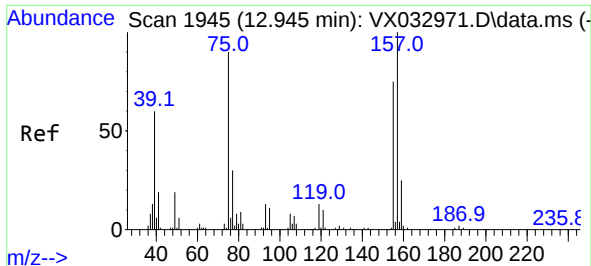
Tgt Ion:117 Resp: 31701

Ion Ratio Lower Upper

117 100

201 0.0 37.6 112.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.603 ug/l

RT: 12.957 min Scan# 1945

Delta R.T. 0.012 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Instrument :

MSVOA_X

ClientSampleId :

MW-44

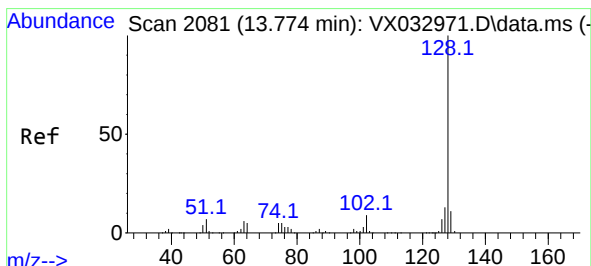
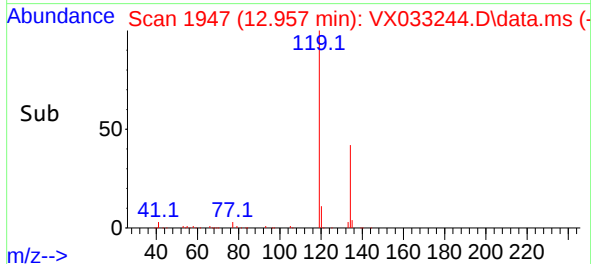
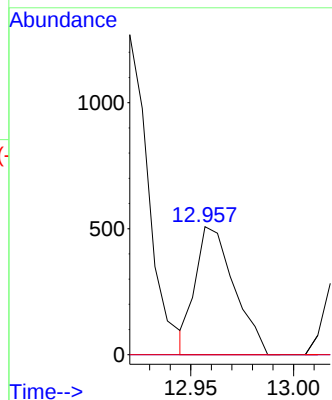
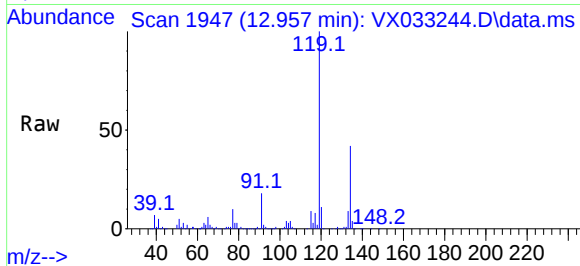
Tgt Ion: 75 Resp: 666

Ion Ratio Lower Upper

75 100

155 0.0 41.6 124.8#

157 0.0 54.1 162.4#



#95

Naphthalene

Concen: 119.795 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX033244.D

Acq: 05 Dec 2022 22:22

Tgt Ion: 128 Resp: 739531

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.5 8.9 13.3

