

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073287.D
 Acq On : 01 Jul 2022 11:07
 Operator : JC\MD
 Sample : N3551-01DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24RDL

Quant Time: Jul 04 05:03:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	306726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	500895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	464124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	232460	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	188229	42.509	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.020%
35) Dibromofluoromethane	7.951	113	162929	48.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.780%
50) Toluene-d8	10.381	98	528645	44.664	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.320%
62) 4-Bromofluorobenzene	12.669	95	234550	51.566	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.140%

Target Compounds				Qvalue		
3) Chloromethane	2.269	50	960	0.221	ug/l #	43
5) Bromomethane	2.840	94	601	0.344	ug/l #	45
10) Methyl Iodide	4.351	142	875	3.890	ug/l #	81
11) Tert butyl alcohol	5.281	59	13516	12.601	ug/l #	72
13) Acrolein	3.981	56	418	0.617	ug/l #	16
14) Allyl chloride	4.881	41	5831	0.767	ug/l #	38
15) Acrylonitrile	5.534	53	6855	2.483	ug/l #	39
16) Acetone	4.193	43	33866	13.626	ug/l #	49
17) Carbon Disulfide	4.451	76	1948	0.208	ug/l #	75
18) Methyl Acetate	4.999	43	114166	16.391	ug/l #	48
19) Methyl tert-butyl Ether	5.540	73	21087	1.602	ug/l #	1
20) Methylene Chloride	5.022	84	1347	0.308	ug/l #	82
22) Diisopropyl ether	6.428	45	4050	0.285	ug/l #	89
23) Vinyl Acetate	6.393	43	3475	0.273	ug/l #	68
25) 2-Butanone	7.263	43	9390	2.373	ug/l #	62
31) Cyclohexane	8.022	56	179902	24.808	ug/l	93
36) 1,1-Dichloropropene	8.010	75	24893	4.855	ug/l #	49
37) Ethyl Acetate	7.263	43	9390	1.212	ug/l #	67
38) Carbon Tetrachloride	8.016	117	30835	5.815	ug/l #	16
39) Methylcyclohexane	9.392	83	76902	12.046	ug/l	92
40) Benzene	8.392	78	822567	51.979	ug/l	97
41) Methacrylonitrile	7.575	41	1143	0.304	ug/l #	6
42) 1,2-Dichloroethane	8.387	62	7559	1.318	ug/l	91
43) Isopropyl Acetate	8.481	43	18198	1.634	ug/l #	53
47) Bromodichloromethane	9.675	83	1432	0.270	ug/l #	26
48) Methyl methacrylate	9.528	41	2436	0.472	ug/l #	10
51) 4-Methyl-2-Pentanone	10.269	43	2333	0.330	ug/l	100
52) Toluene	10.439	92	12742	1.303	ug/l	96
55) 1,1,2-Trichloroethane	10.810	97	6442	1.600	ug/l #	20
56) Ethyl methacrylate	10.710	69	2047	0.315	ug/l #	24
59) 2-Hexanone	11.063	43	4063	0.755	ug/l	69
67) Ethyl Benzene	11.780	91	83150	4.363	ug/l	99
68) m/p-Xylenes	11.898	106	30830	4.287	ug/l	96
69) o-Xylene	12.222	106	3729	0.508	ug/l	93
73) Isopropylbenzene	12.516	105	37825	1.884	ug/l	97
76) 1,2,3-Trichloropropane	12.669	75	123846	20.375	ug/l #	1

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

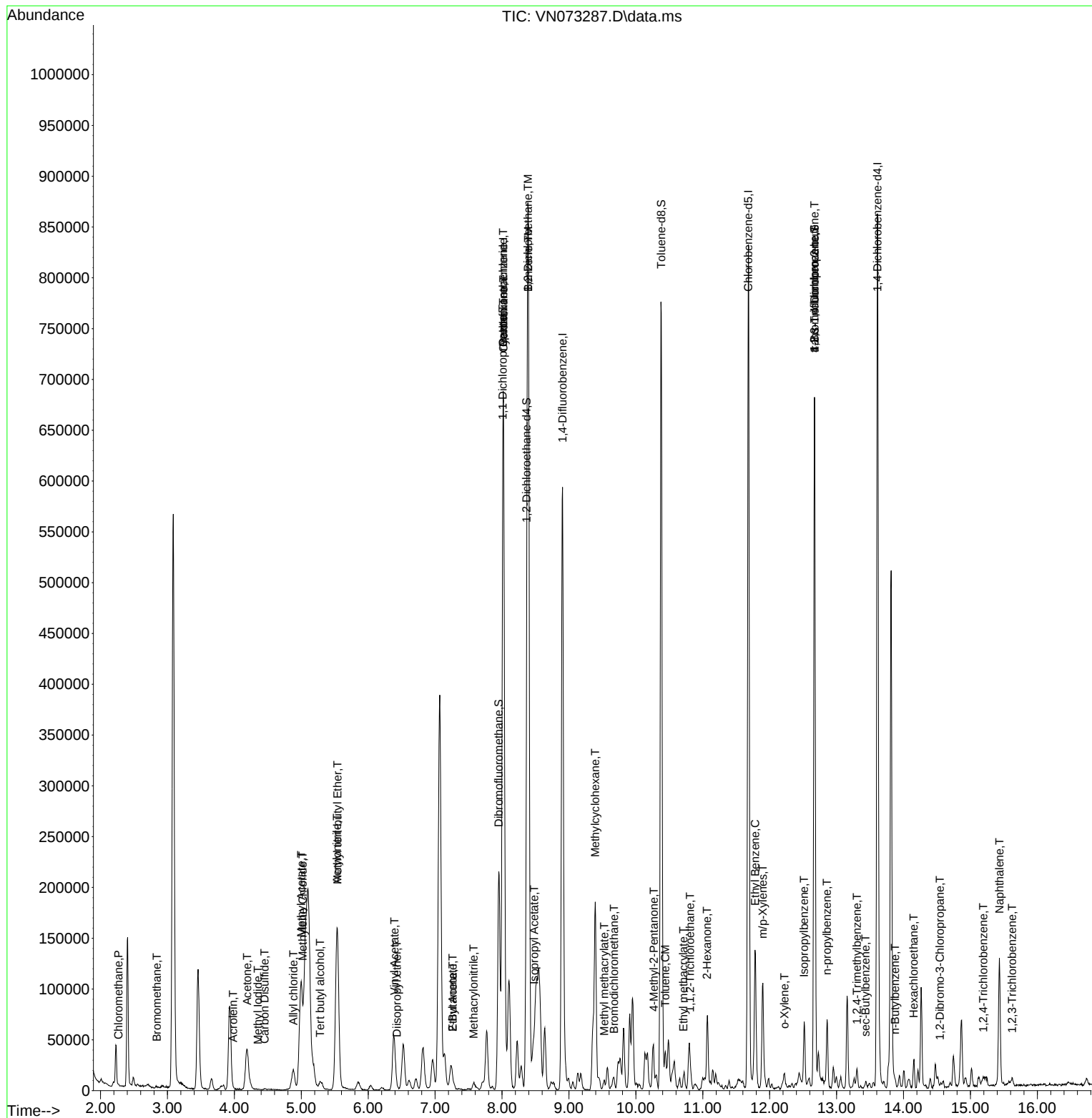
78) n-propylbenzene	12.857	91	51955	2.330	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.669	75	123846	55.877	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.304	105	10388	0.636	ug/l	98
85) sec-Butylbenzene	13.433	105	4121	0.209	ug/l	90
89) n-Butylbenzene	13.874	91	3537	0.267	ug/l #	89
90) Hexachloroethane	14.151	117	1862	0.628	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.545	75	490	0.303	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.192	180	2835	0.638	ug/l #	76
95) Naphthalene	15.433	128	114147	6.371	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	3161	0.690	ug/l #	80

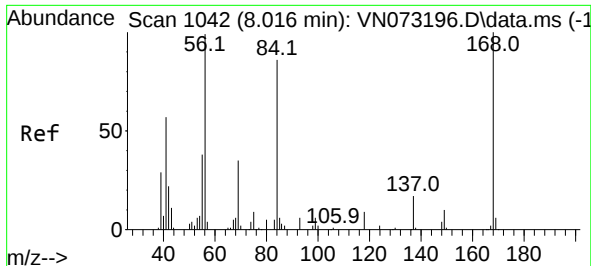
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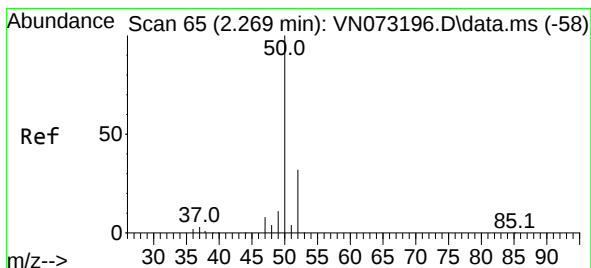
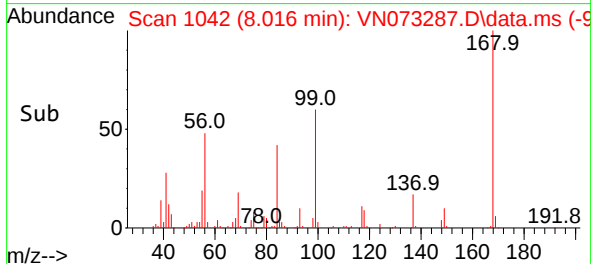
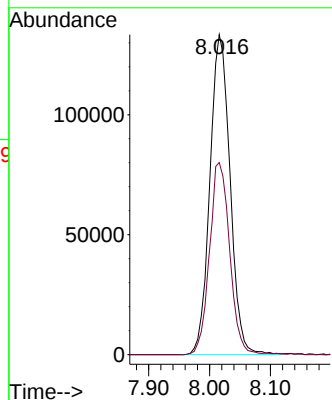
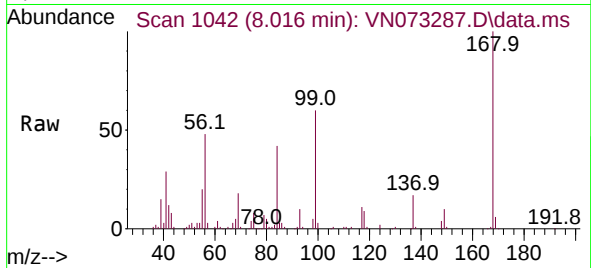




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

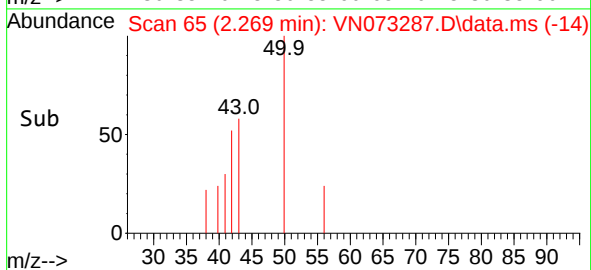
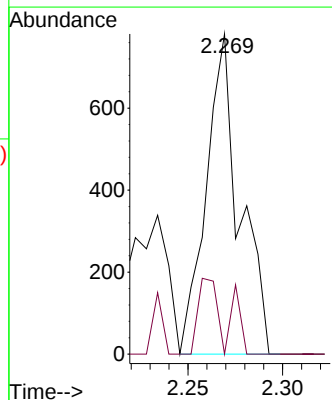
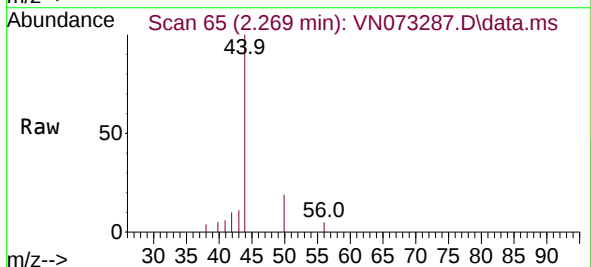
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MSVOA_N
ClientSampleId :
MW-24RDL

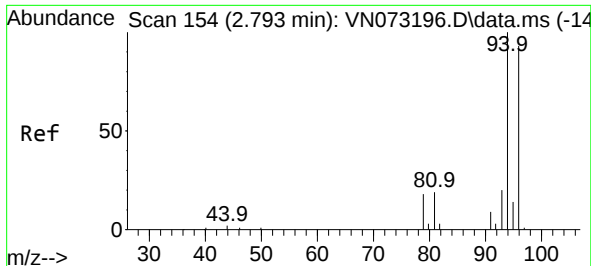
Tgt Ion:168 Resp: 306726
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#3
Chloromethane
Concen: 0.221 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 50 Resp: 960
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

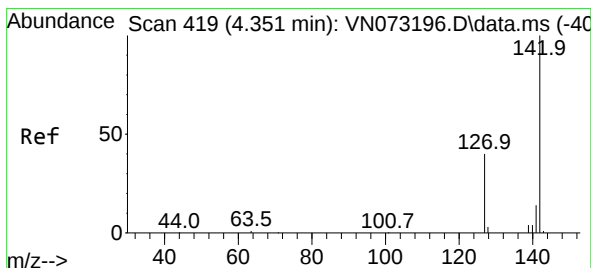
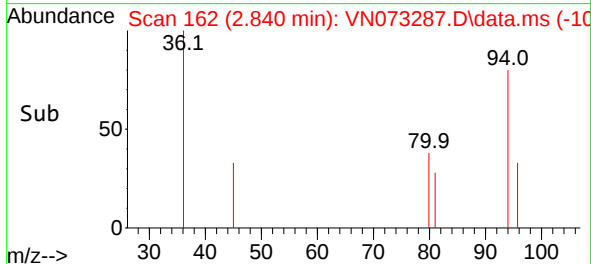
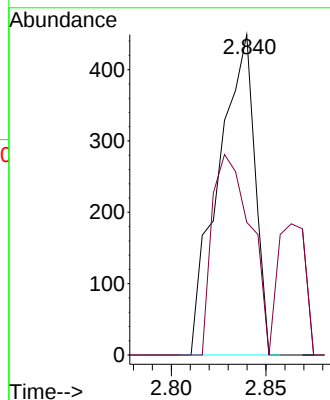
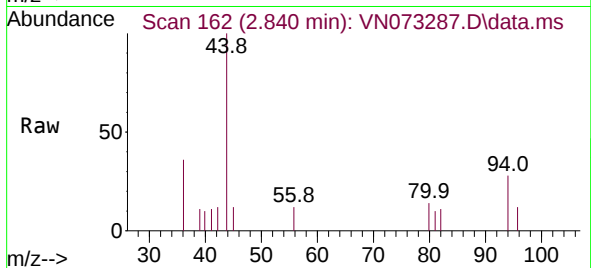




#5
Bromomethane
Concen: 0.344 ug/l
RT: 2.840 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

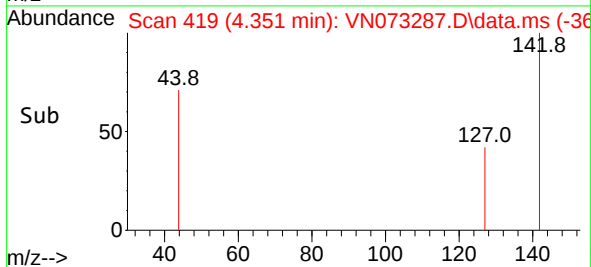
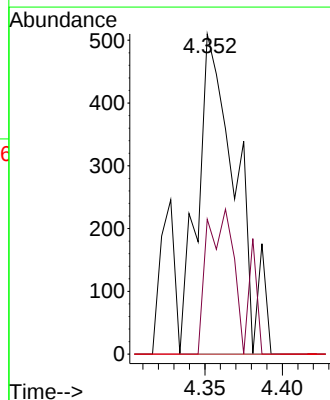
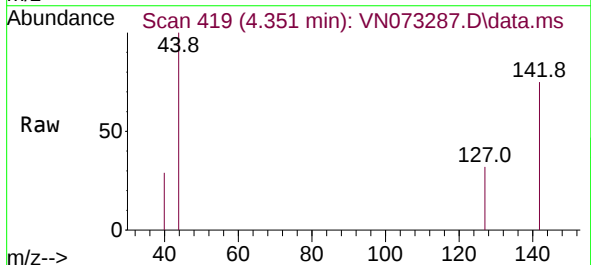
Instrument :
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MW-24RDL

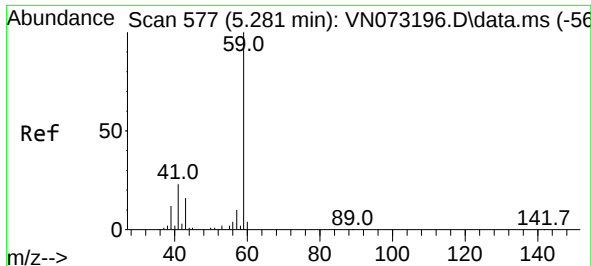
Tgt Ion: 94 Resp: 601
Ion Ratio Lower Upper
94 100
96 41.4 76.0 114.0#



#10
Methyl Iodide
Concen: 3.890 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 142 Resp: 875
Ion Ratio Lower Upper
142 100
127 30.9 31.3 46.9#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 12.601 ug/l

RT: 5.281 min Scan# 577

Delta R.T. -0.000 min

Lab File: VN073287.D

Acq: 01 Jul 2022 11:07

Instrument :

MSVOA_N

ClientSampleId :

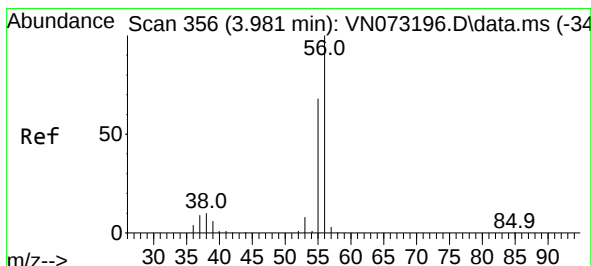
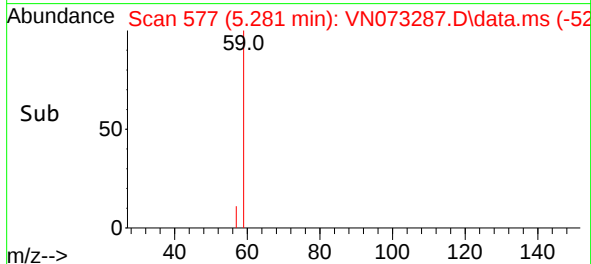
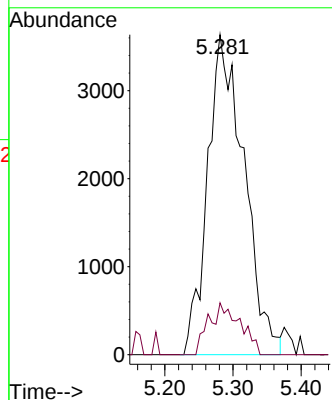
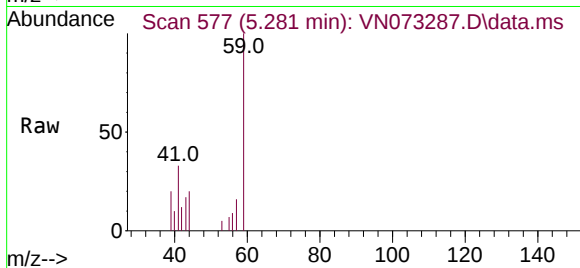
MW-24RDL

Tgt Ion: 59 Resp: 13516

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.617 ug/l

RT: 3.981 min Scan# 356

Delta R.T. -0.000 min

Lab File: VN073287.D

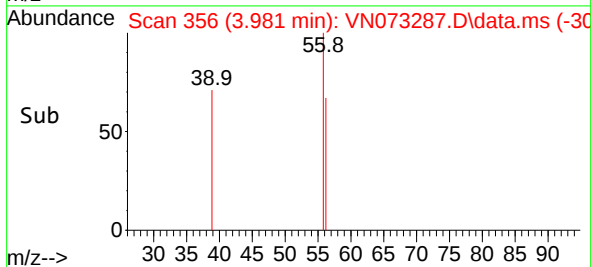
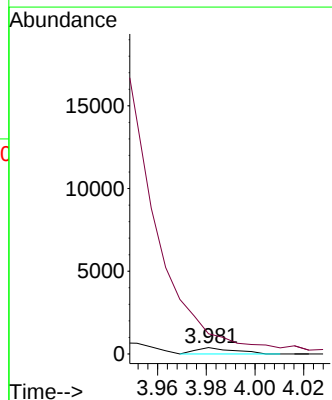
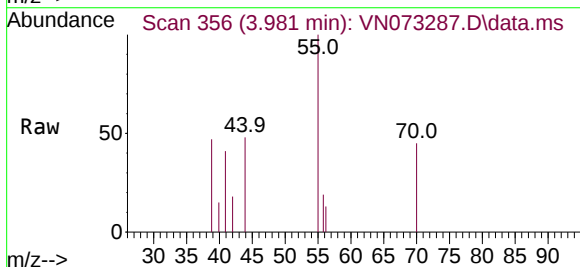
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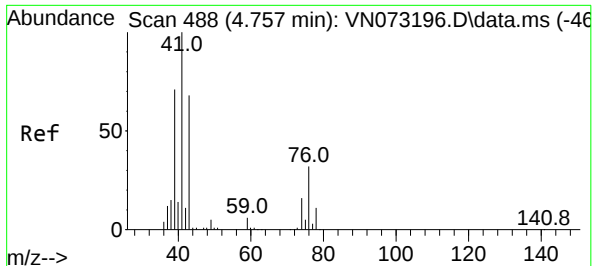
Tgt Ion: 56 Resp: 418

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#

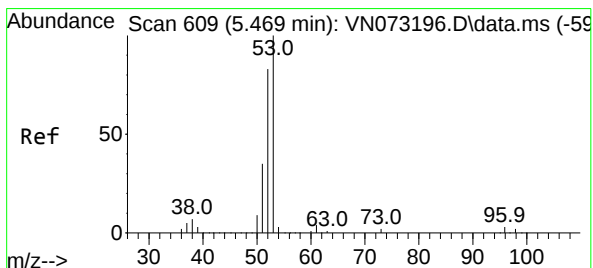
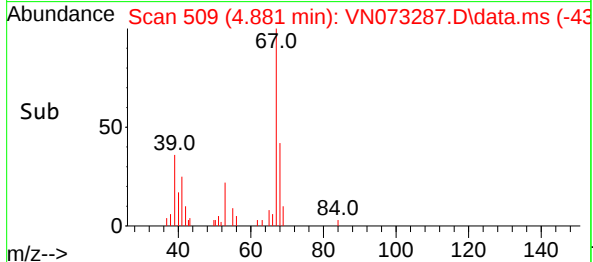
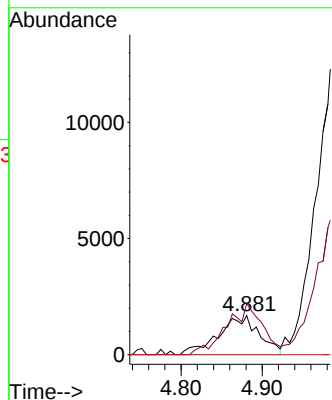
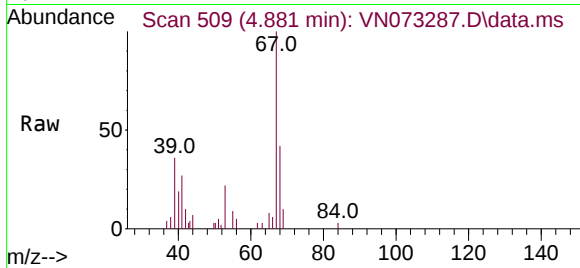




#14
 Allyl chloride
 Concen: 0.767 ug/l
 RT: 4.881 min Scan# 509
 Delta R.T. 0.124 min
 Lab File: VN073287.D
 Acq: 01 Jul 2022 11:07

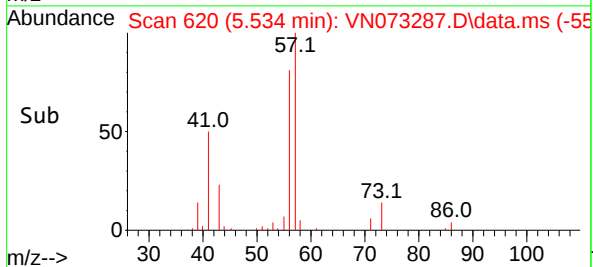
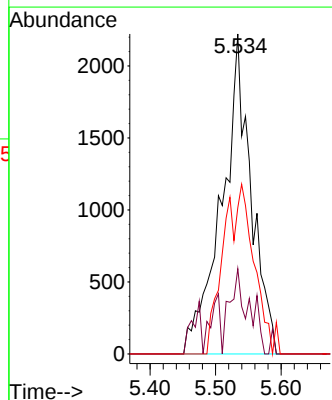
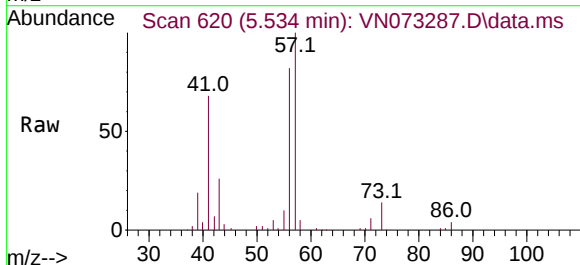
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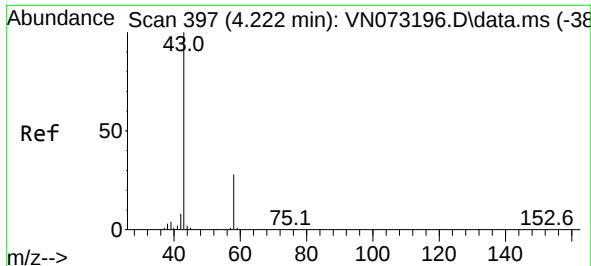
Tgt Ion: 41 Resp: 5831
 Ion Ratio Lower Upper
 41 100
 39 116.1 53.2 79.8#
 76 0.0 29.9 44.9#



#15
 Acrylonitrile
 Concen: 2.483 ug/l
 RT: 5.534 min Scan# 620
 Delta R.T. 0.065 min
 Lab File: VN073287.D
 Acq: 01 Jul 2022 11:07

Tgt Ion: 53 Resp: 6855
 Ion Ratio Lower Upper
 53 100
 52 11.7 66.4 99.6#
 51 23.8 28.5 42.7#

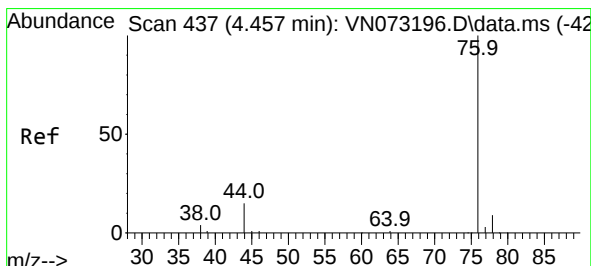
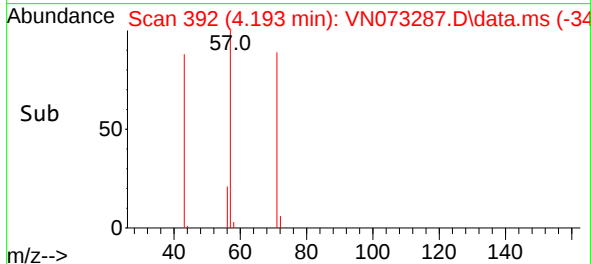
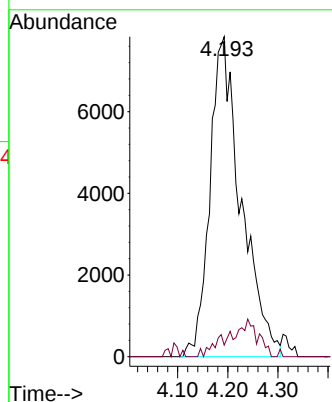
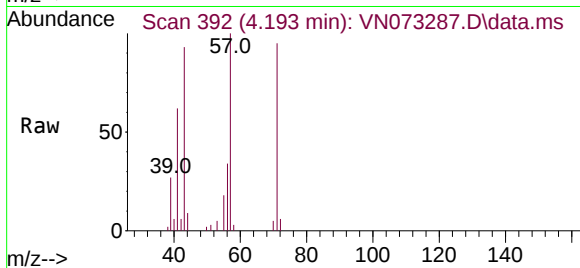




#16
Acetone
Concen: 13.626 ug/l
RT: 4.193 min Scan# 391
Delta R.T. -0.029 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

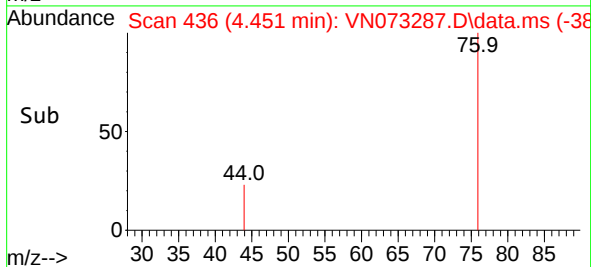
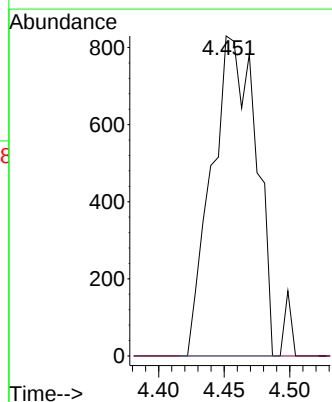
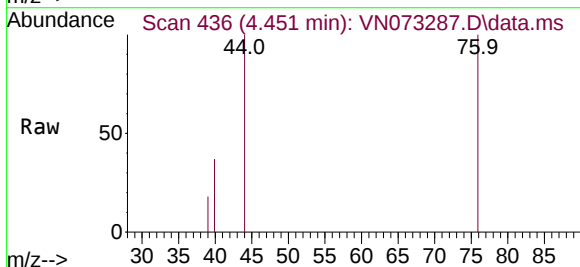
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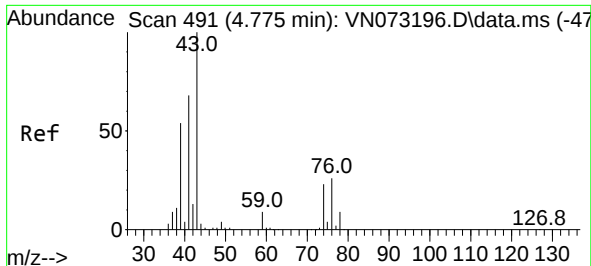
Tgt Ion: 43 Resp: 33866
Ion Ratio Lower Upper
43 100
58 3.6 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 4.451 min Scan# 436
Delta R.T. -0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 76 Resp: 1948
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

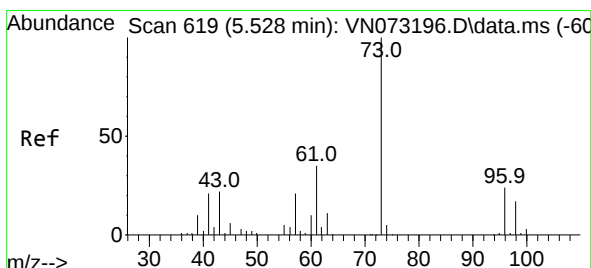
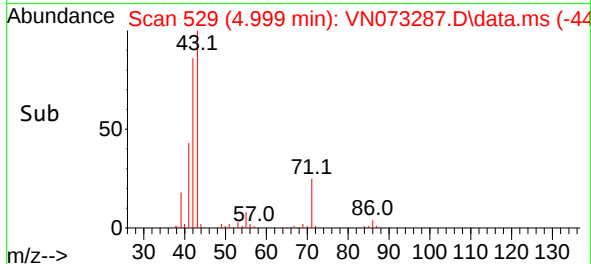
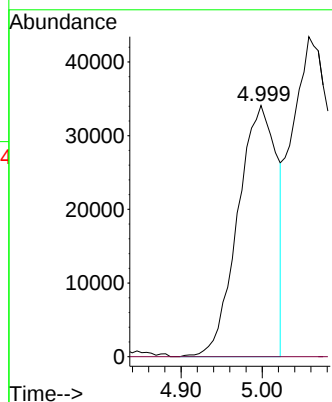
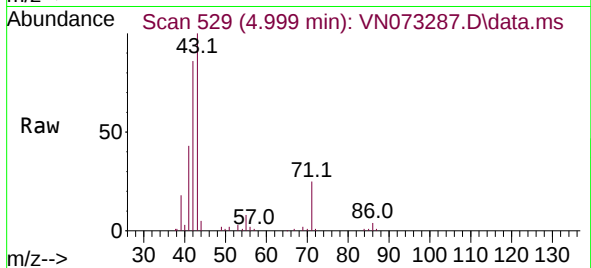




#18
Methyl Acetate
Concen: 16.391 ug/l
RT: 4.999 min Scan# 51
Delta R.T. 0.224 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

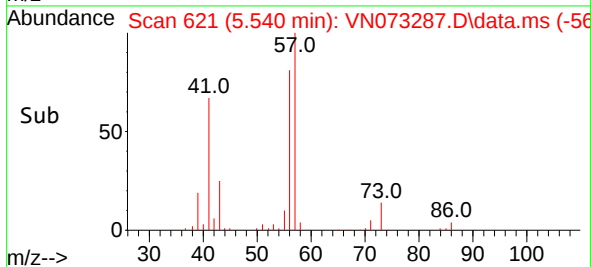
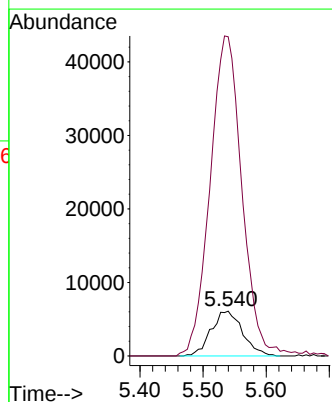
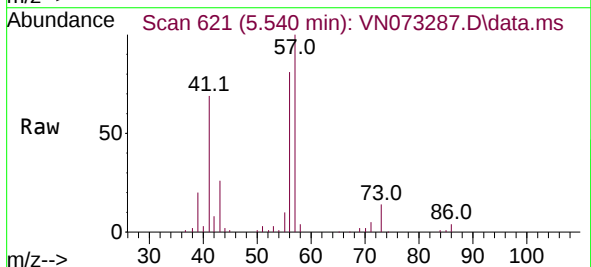
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ClientSampleId :
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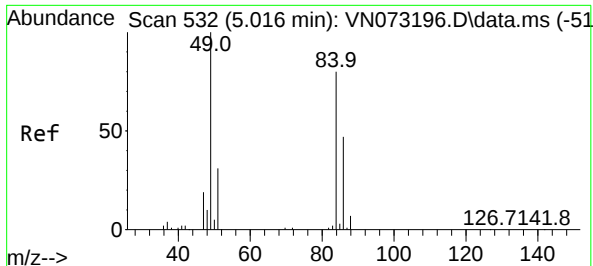
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Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 1.602 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.012 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 73 Resp: 21087
Ion Ratio Lower Upper
73 100
57 705.2 17.6 26.4#

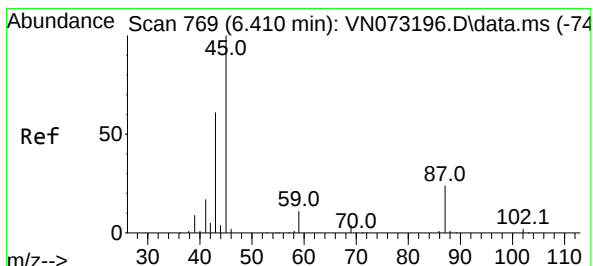
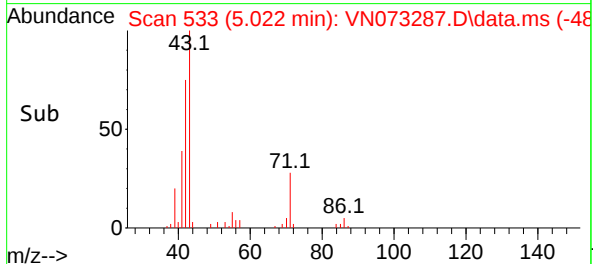
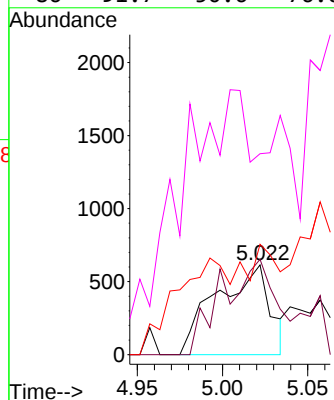
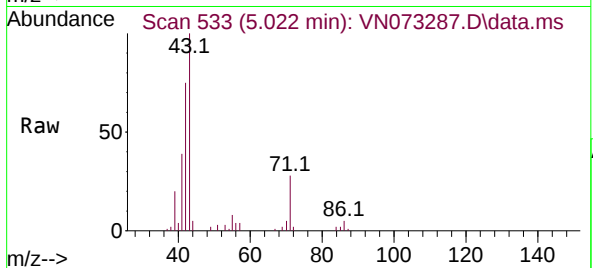




#20
Methylene Chloride
Concen: 0.308 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

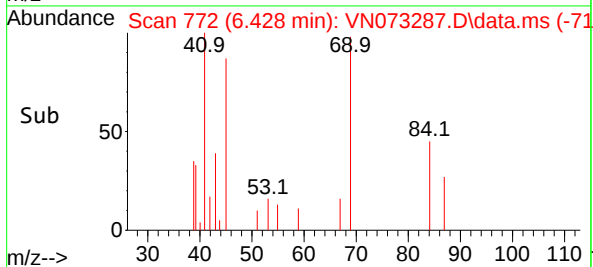
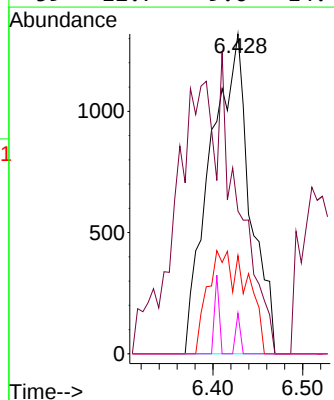
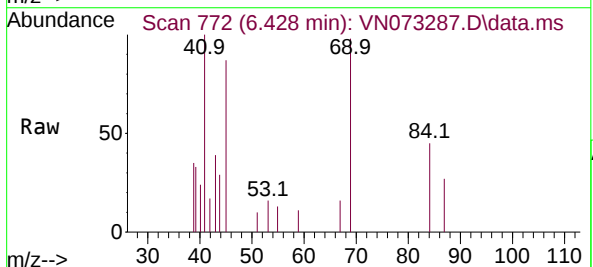
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

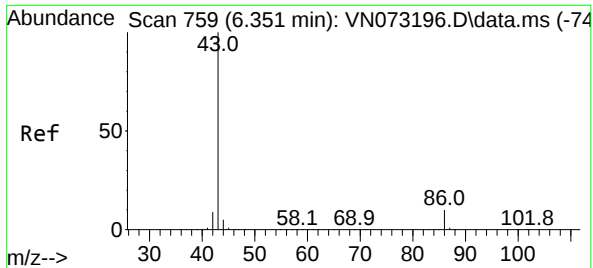
Tgt Ion:	84	Resp:	1347
Ion	Ratio	Lower	Upper
84	100		
49	106.4	88.3	132.5
51	51.0	28.2	42.2#
86	91.7	50.6	76.0#



#22
Diisopropyl ether
Concen: 0.285 ug/l
RT: 6.428 min Scan# 772
Delta R.T. 0.018 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion:	45	Resp:	4050
Ion	Ratio	Lower	Upper
45	100		
43	44.7	46.6	70.0#
87	30.7	24.3	36.5
59	12.7	9.6	14.4

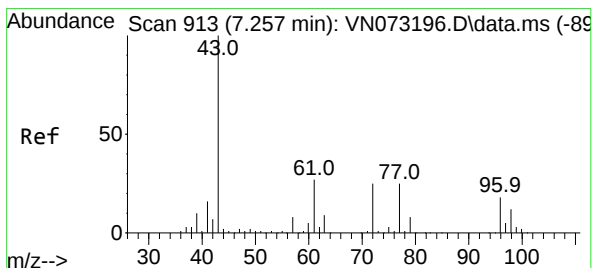
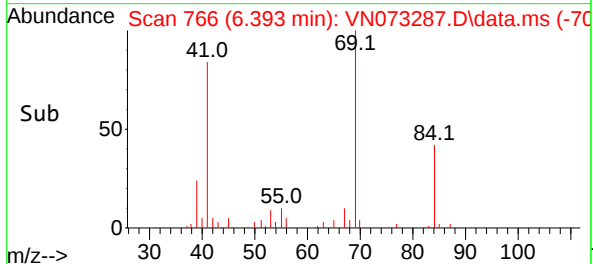
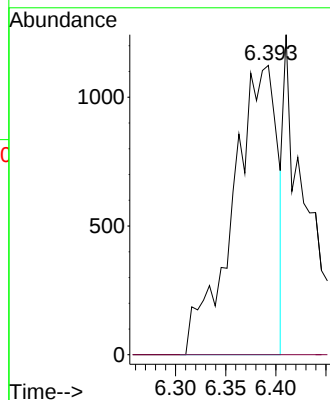
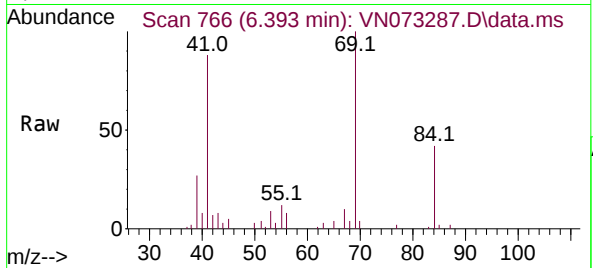




#23
 Vinyl Acetate
 Concen: 0.273 ug/l
 RT: 6.393 min Scan# 759
 Delta R.T. 0.042 min
 Lab File: VN073287.D
 Acq: 01 Jul 2022 11:07

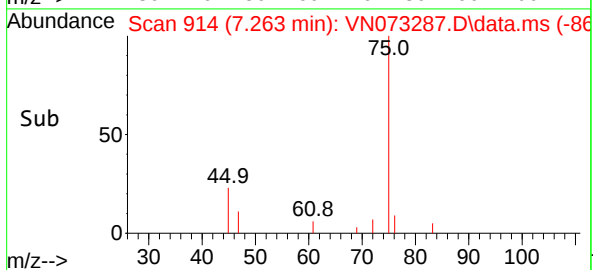
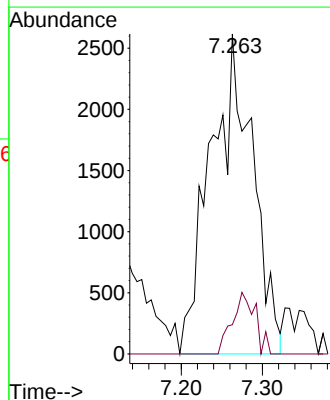
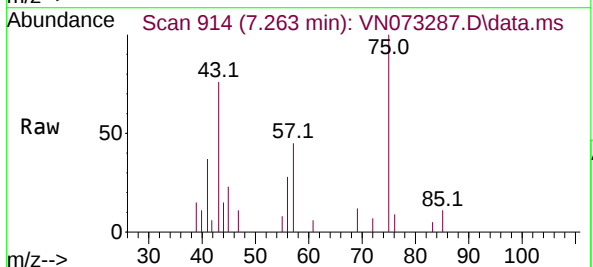
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24RDL

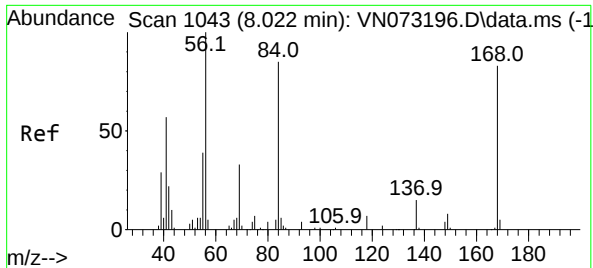
Tgt Ion: 43 Resp: 3475
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 2.373 ug/l
 RT: 7.263 min Scan# 914
 Delta R.T. 0.006 min
 Lab File: VN073287.D
 Acq: 01 Jul 2022 11:07

Tgt Ion: 43 Resp: 9390
 Ion Ratio Lower Upper
 43 100
 72 9.1 23.7 35.5#

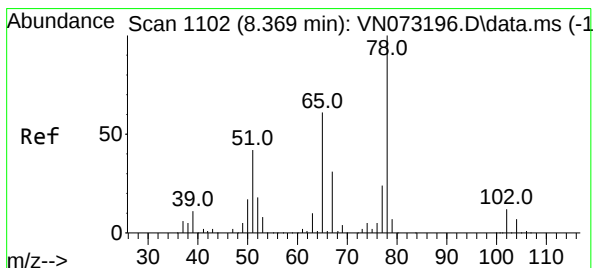
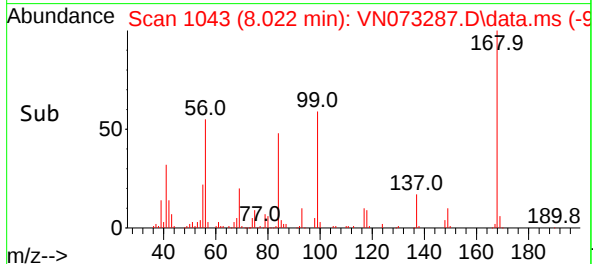
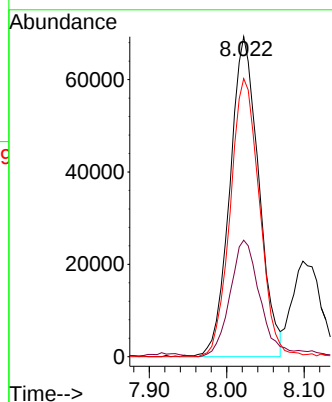
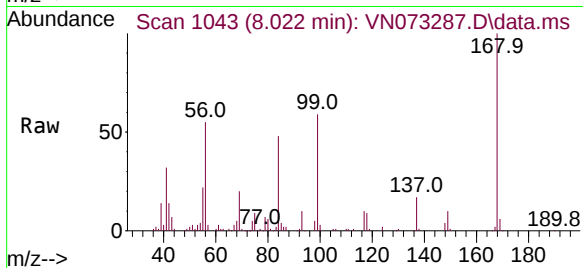




#31
Cyclohexane
Concen: 24.808 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

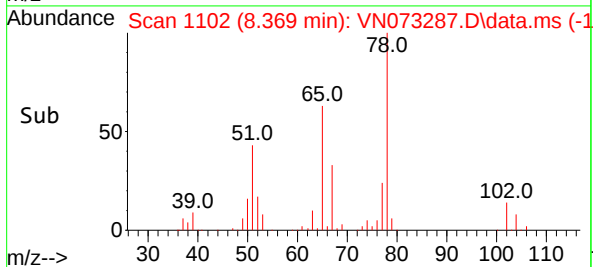
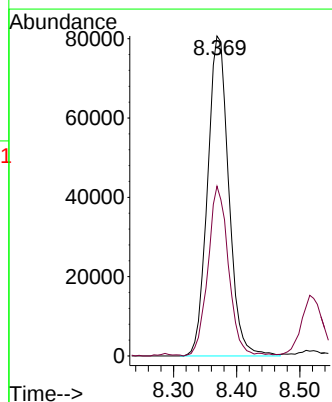
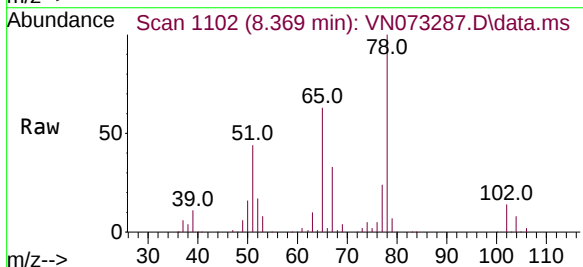
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

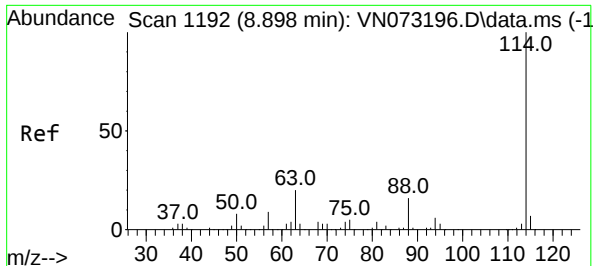
Tgt Ion: 56 Resp: 179902
Ion Ratio Lower Upper
56 100
69 35.8 27.8 41.8
84 86.9 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 42.509 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 65 Resp: 188229
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073287.D

Acq: 01 Jul 2022 11:07

Instrument :

MSVOA_N

ClientSampleId :

MW-24RDL

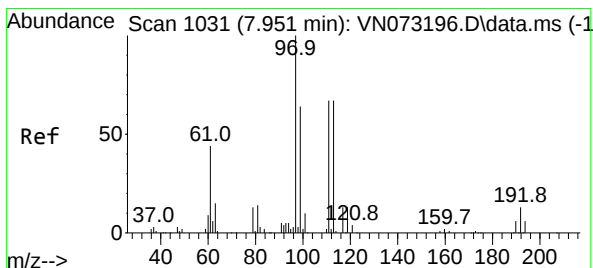
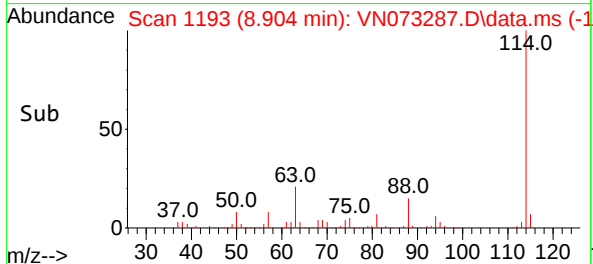
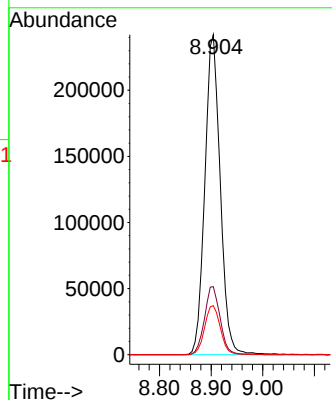
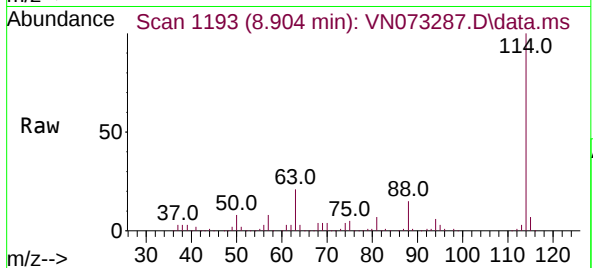
Tgt Ion:114 Resp: 500895

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.891 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073287.D

Acq: 01 Jul 2022 11:07

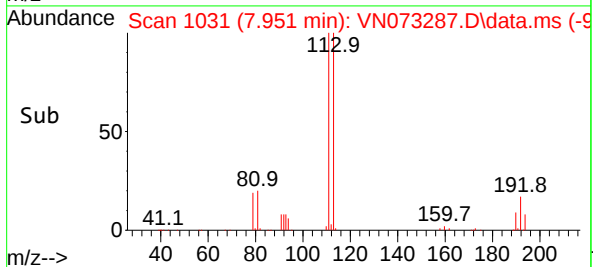
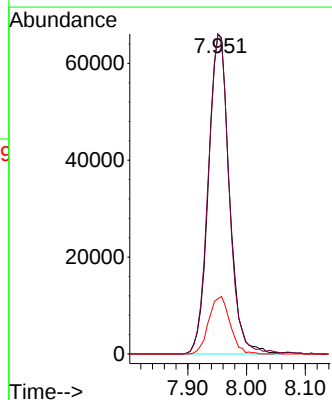
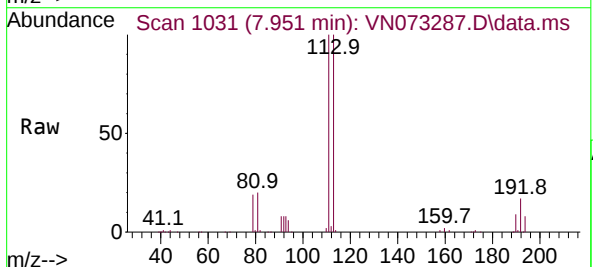
Tgt Ion:113 Resp: 162929

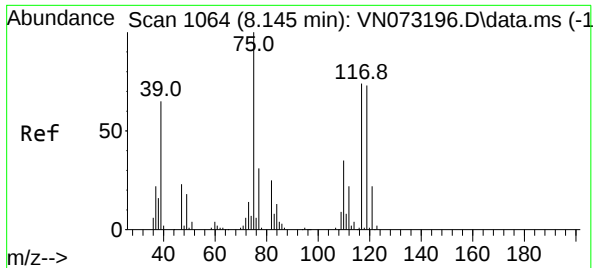
Ion Ratio Lower Upper

113 100

111 99.5 81.4 122.0

192 18.2 17.0 25.6

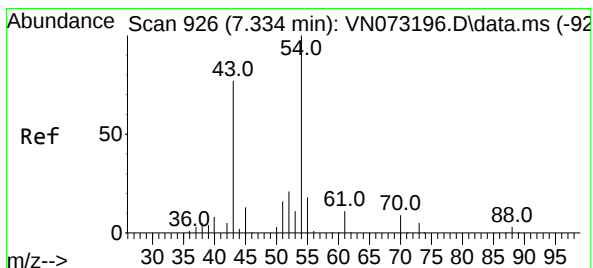
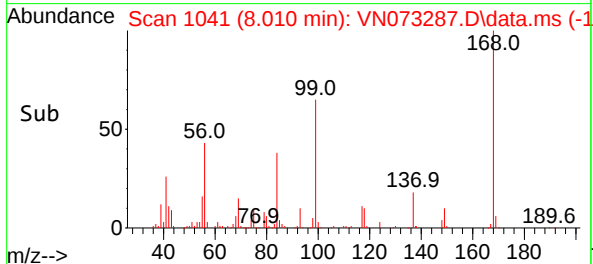
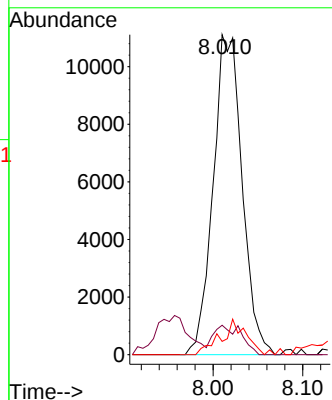
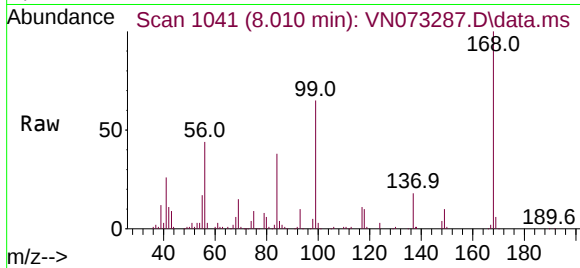




#36
1,1-Dichloropropene
Concen: 4.855 ug/l
RT: 8.010 min Scan# 1064
Delta R.T. -0.135 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

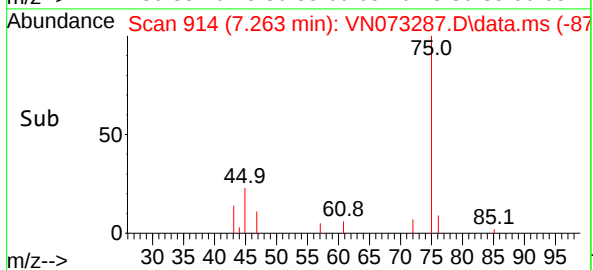
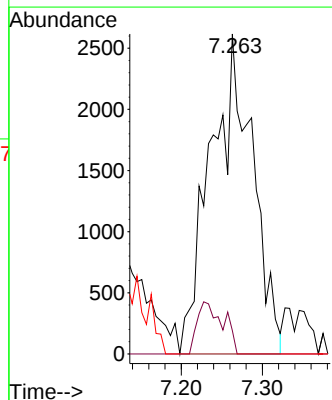
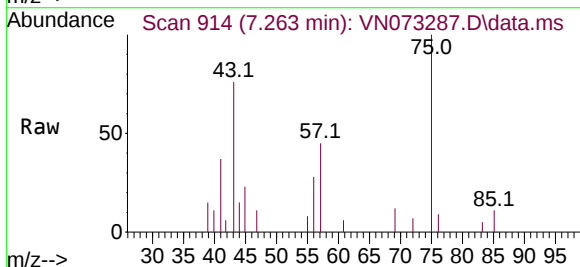
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

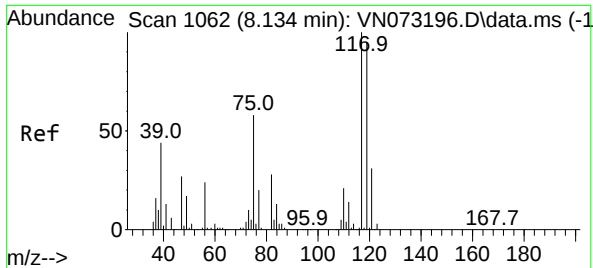
Tgt Ion: 75 Resp: 24893
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 1.212 ug/l
RT: 7.263 min Scan# 914
Delta R.T. -0.071 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 43 Resp: 9390
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#

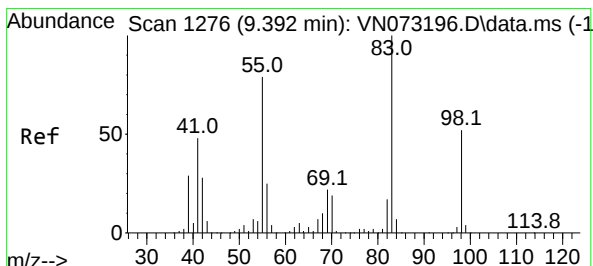
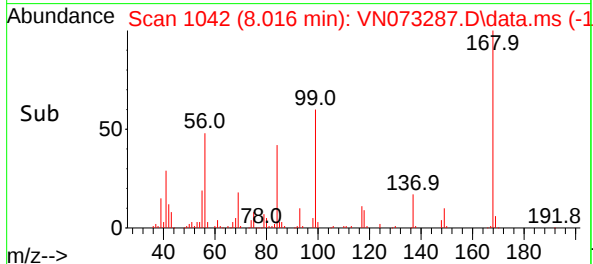
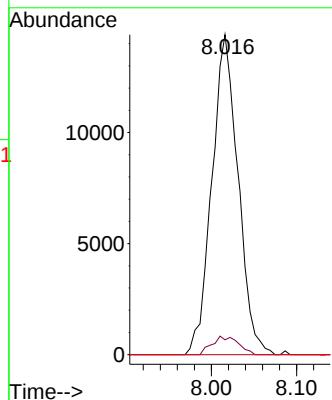
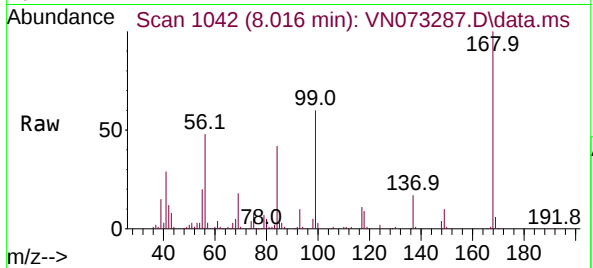




#38
Carbon Tetrachloride
Concen: 5.815 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

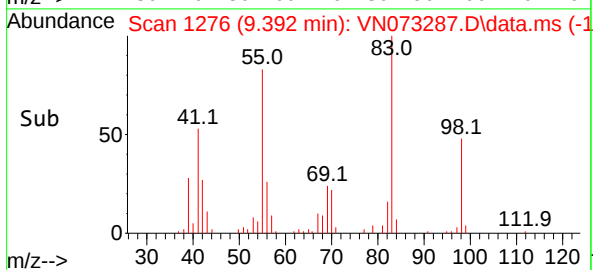
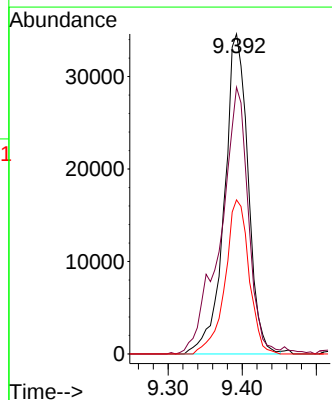
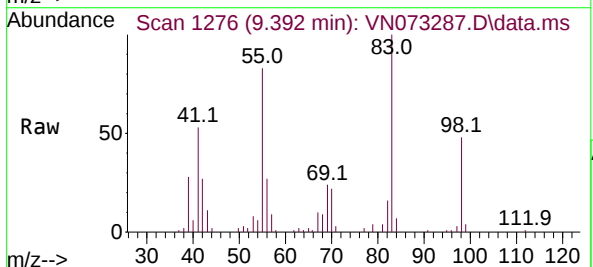
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

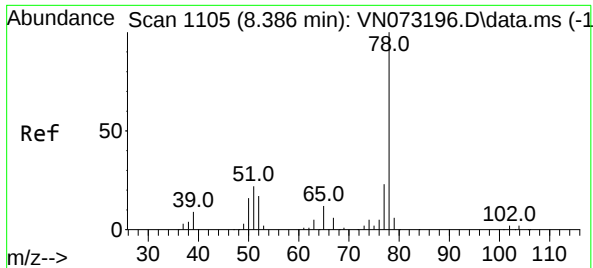
Tgt Ion:117 Resp: 30835
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 12.046 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 83 Resp: 76902
Ion Ratio Lower Upper
83 100
55 82.9 57.8 86.8
98 48.2 39.4 59.2

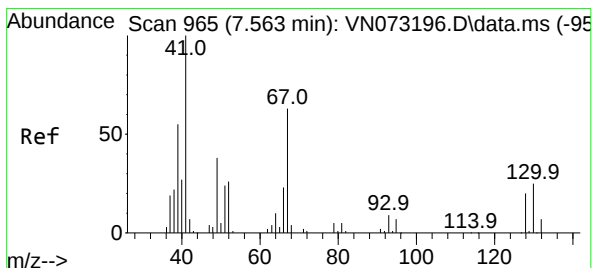
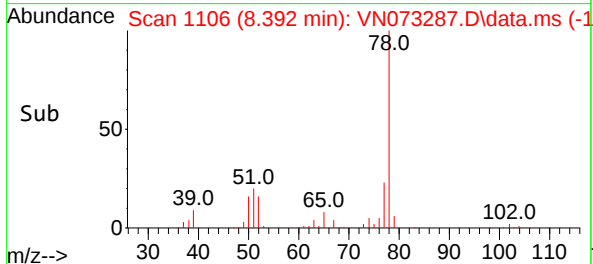
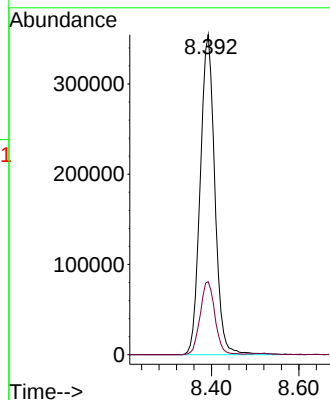
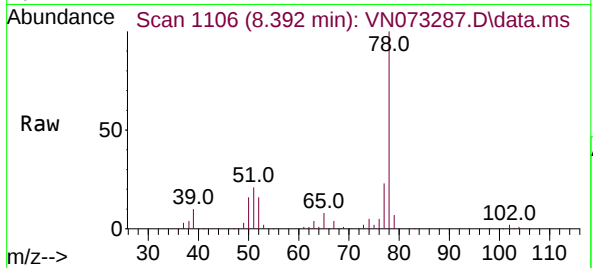




#40
Benzene
Concen: 51.979 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

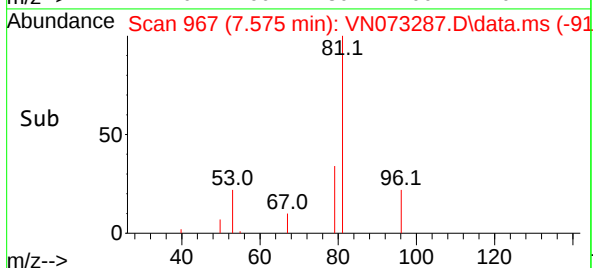
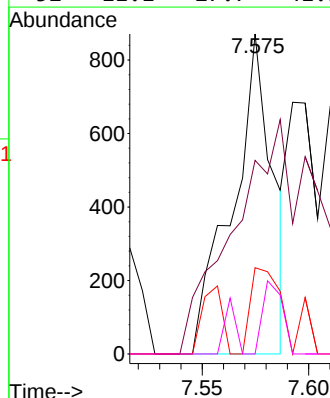
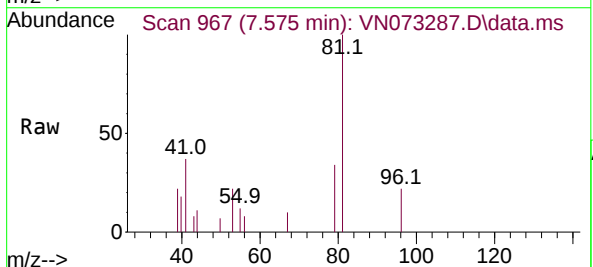
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

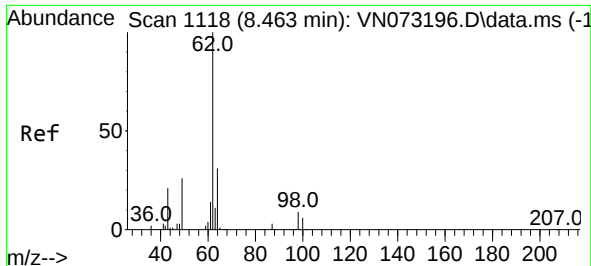
Tgt Ion: 78 Resp: 822567
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.0



#41
Methacrylonitrile
Concen: 0.304 ug/l
RT: 7.575 min Scan# 967
Delta R.T. 0.012 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 41 Resp: 1143
Ion Ratio Lower Upper
41 100
39 152.1 48.6 73.0#
67 0.0 73.4 110.2#
52 11.1 27.7 41.5#

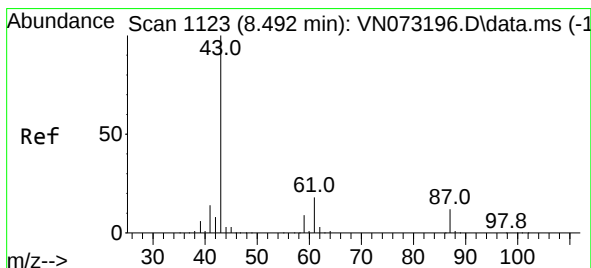
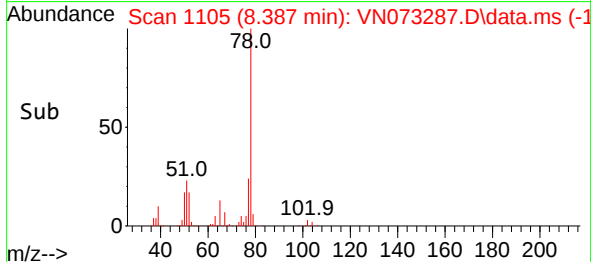
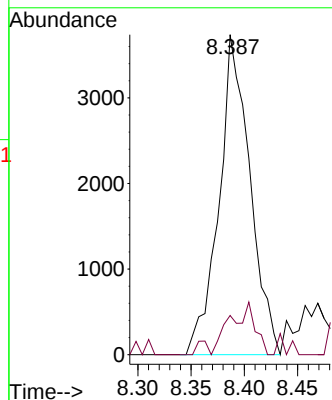
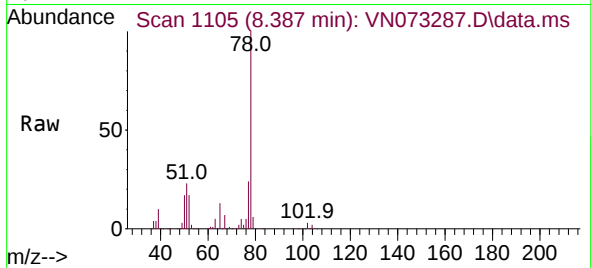




#42
1,2-Dichloroethane
Concen: 1.318 ug/l
RT: 8.387 min Scan# 1118
Delta R.T. -0.076 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

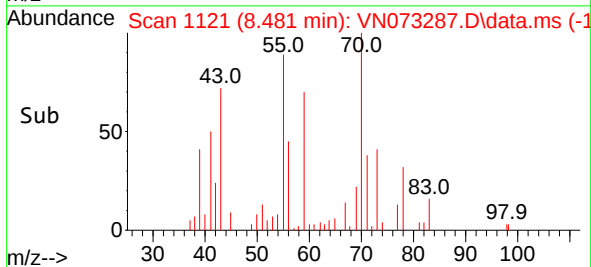
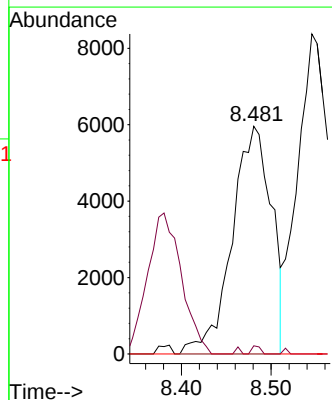
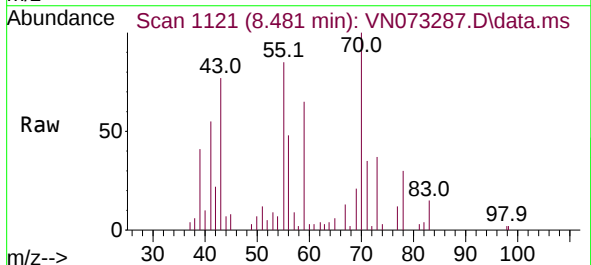
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

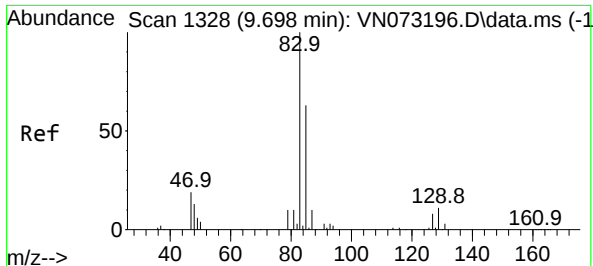
Tgt Ion: 62 Resp: 7559
Ion Ratio Lower Upper
62 100
98 13.2 0.0 19.4



#43
Isopropyl Acetate
Concen: 1.634 ug/l
RT: 8.481 min Scan# 1121
Delta R.T. -0.011 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 43 Resp: 18198
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#





#47

Bromodichloromethane

Concen: 0.270 ug/l

RT: 9.675 min Scan# 1

Delta R.T. -0.023 min

Lab File: VN073287.D

Acq: 01 Jul 2022 11:07

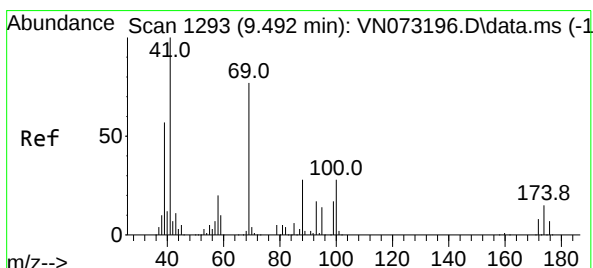
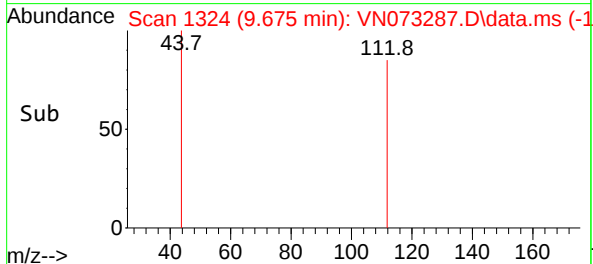
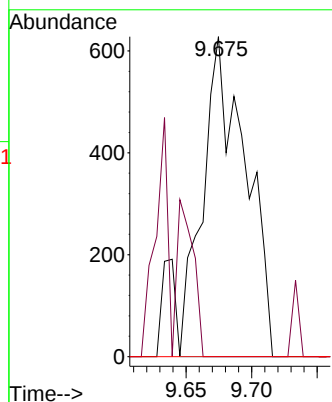
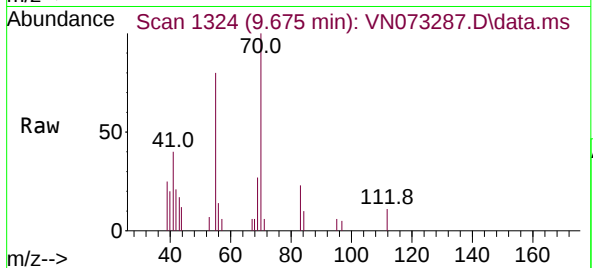
Instrument :

MSVOA_N

ClientSampleId :

MW-24RDL

Tgt Ion: 83	Resp: 1432
Ion Ratio	Lower Upper
83 100	
85 0.0	50.5 75.7#
127 0.0	6.8 10.2#



#48

Methyl methacrylate

Concen: 0.472 ug/l

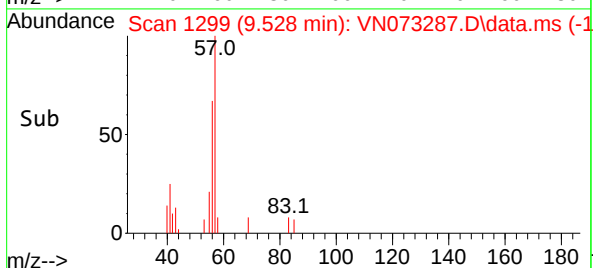
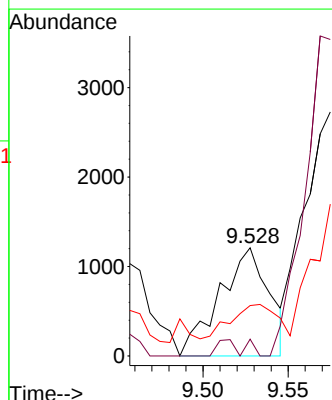
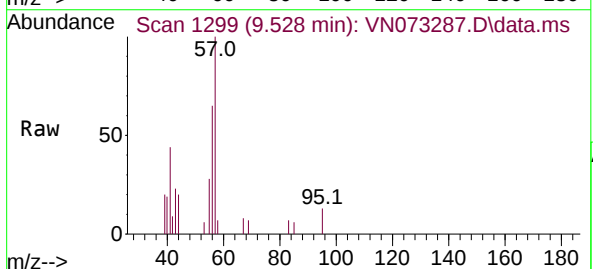
RT: 9.528 min Scan# 1299

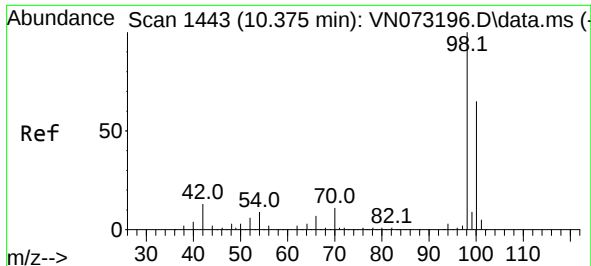
Delta R.T. 0.036 min

Lab File: VN073287.D

Acq: 01 Jul 2022 11:07

Tgt Ion: 41	Resp: 2436
Ion Ratio	Lower Upper
41 100	
69 0.0	74.7 112.1#
39 0.0	45.6 68.4#

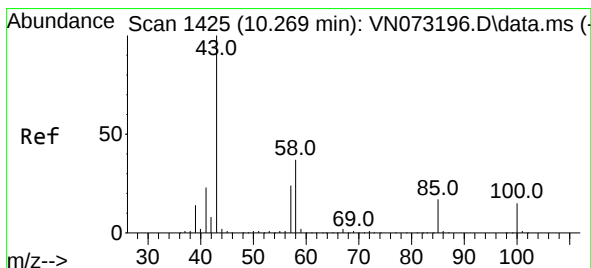
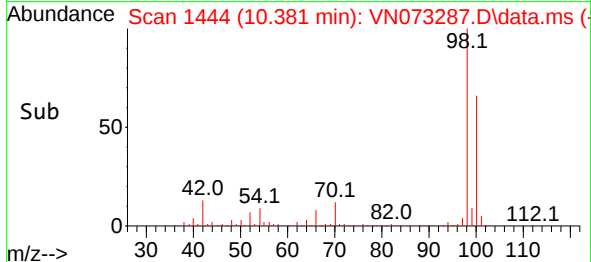
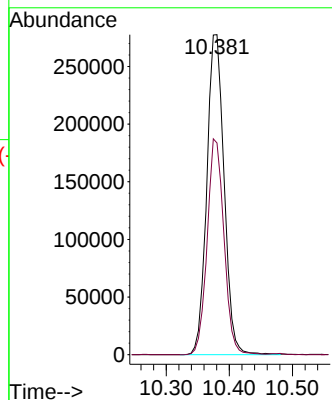
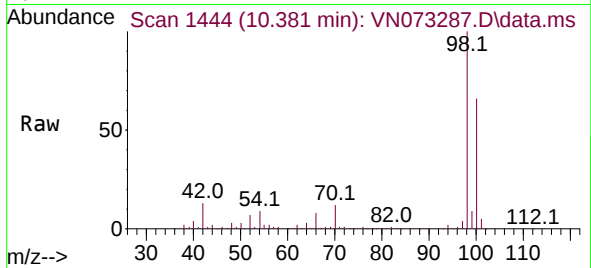




#50
Toluene-d8
Concen: 44.664 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

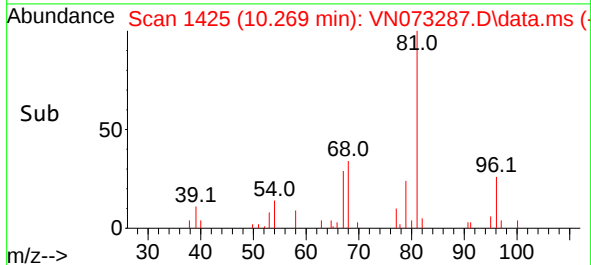
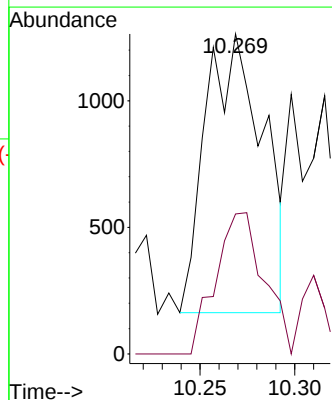
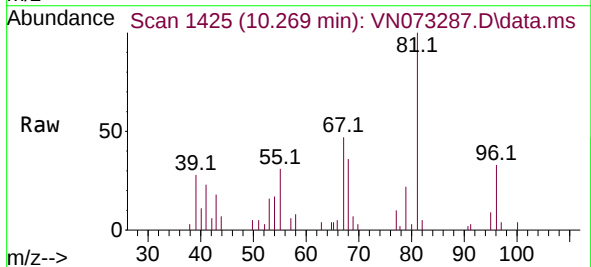
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

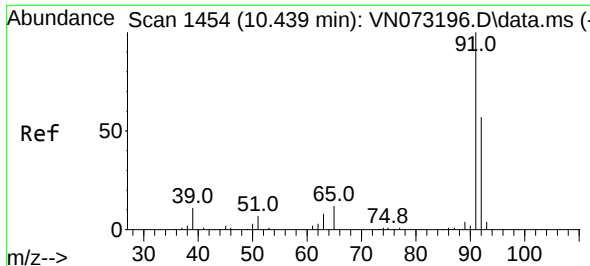
Tgt Ion: 98 Resp: 528645
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.330 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 43 Resp: 2333
Ion Ratio Lower Upper
43 100
58 42.3 34.1 51.1

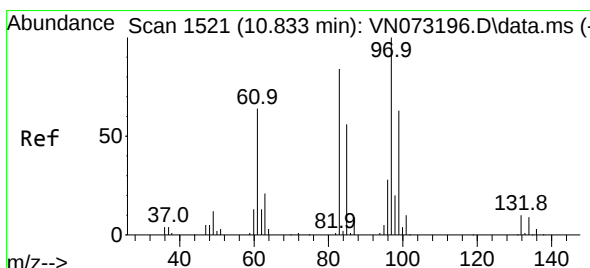
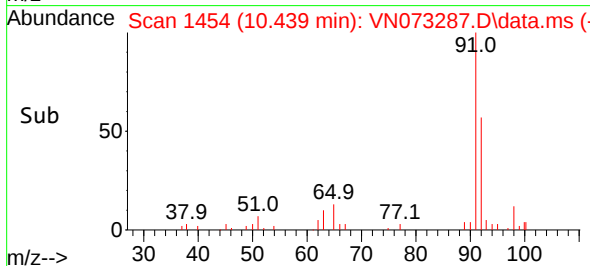
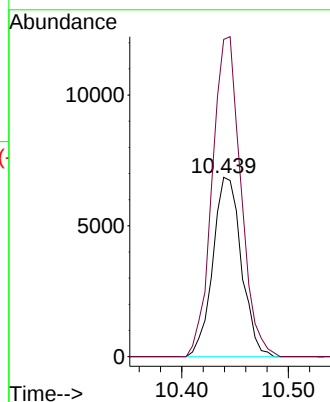
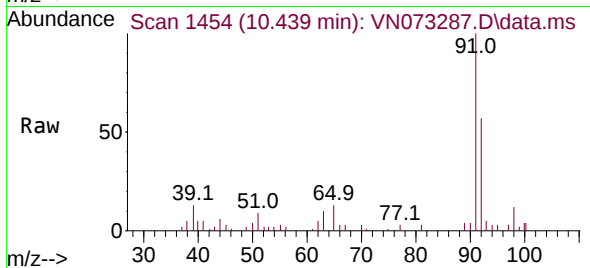




#52
Toluene
Concen: 1.303 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

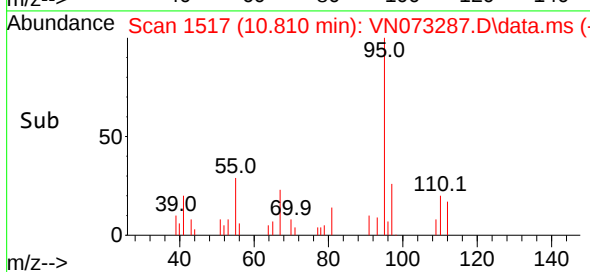
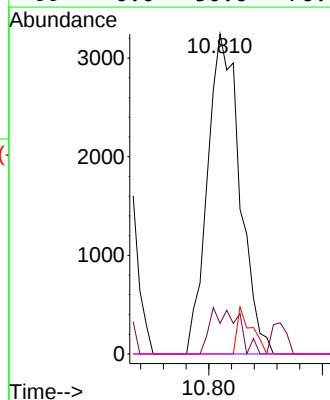
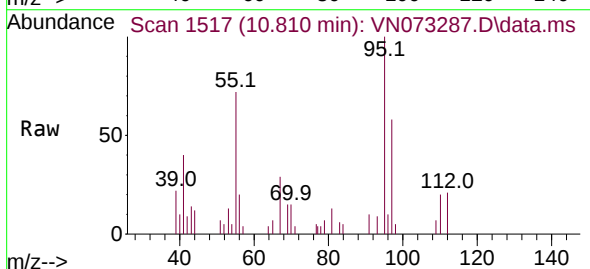
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

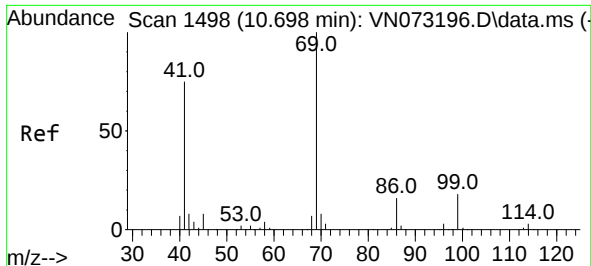
Tgt Ion: 92 Resp: 12742
Ion Ratio Lower Upper
92 100
91 179.1 138.6 207.8



#55
1,1,2-Trichloroethane
Concen: 1.600 ug/l
RT: 10.810 min Scan# 1517
Delta R.T. -0.023 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 97 Resp: 6442
Ion Ratio Lower Upper
97 100
83 9.6 66.2 99.4#
85 0.0 43.9 65.9#
99 0.0 50.6 76.0#

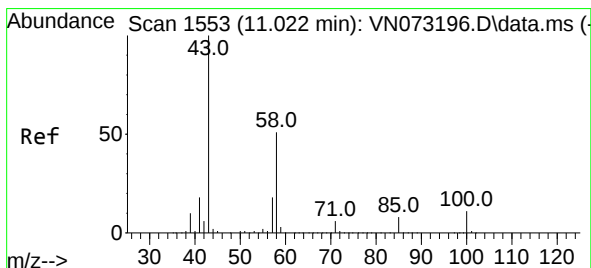
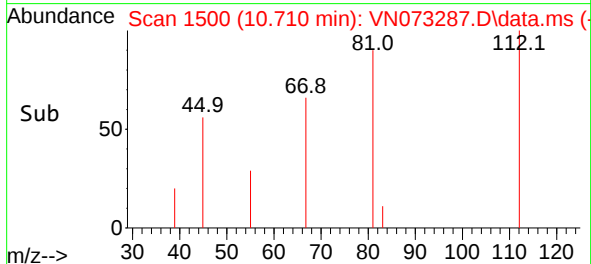
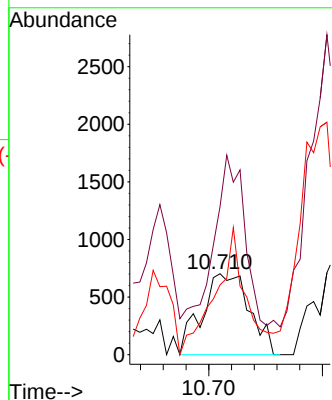
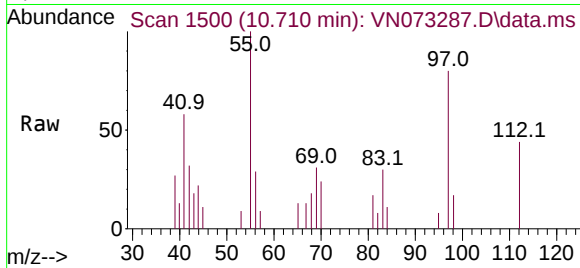




#56
Ethyl methacrylate
Concen: 0.315 ug/l
RT: 10.710 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

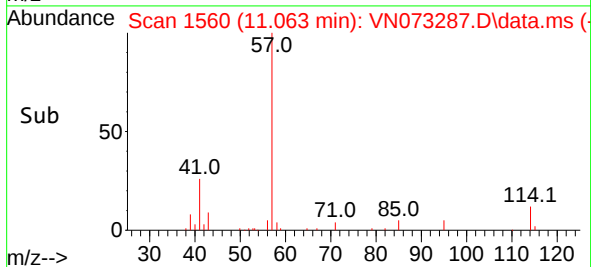
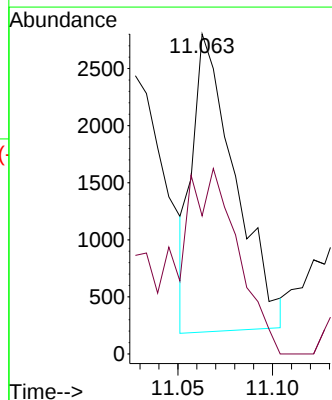
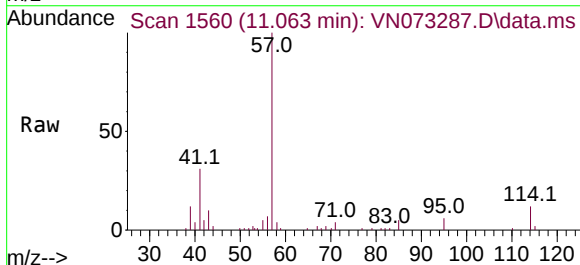
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

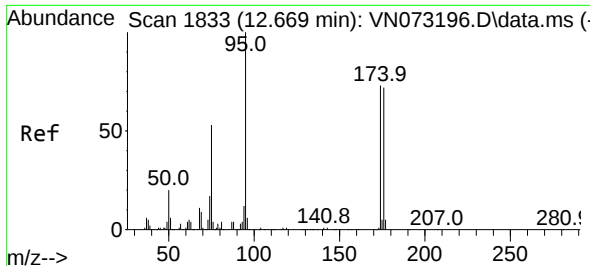
Tgt Ion: 69 Resp: 2047
Ion Ratio Lower Upper
69 100
41 129.8 47.8 71.6#
39 60.6 27.3 40.9#



#59
2-Hexanone
Concen: 0.755 ug/l
RT: 11.063 min Scan# 1560
Delta R.T. 0.041 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 43 Resp: 4063
Ion Ratio Lower Upper
43 100
58 83.1 29.7 89.1

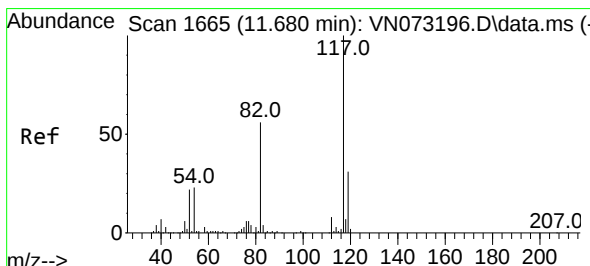
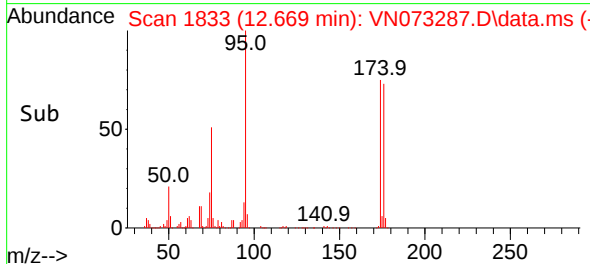
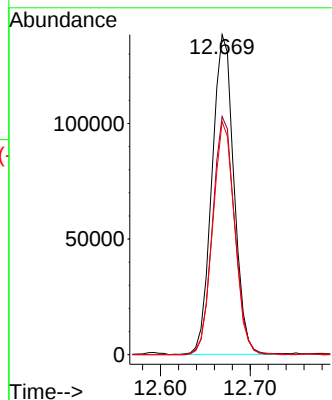
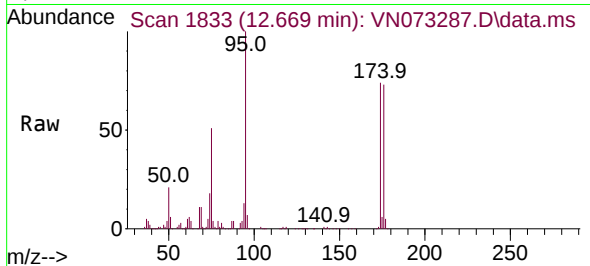




#62
4-Bromofluorobenzene
Concen: 51.566 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

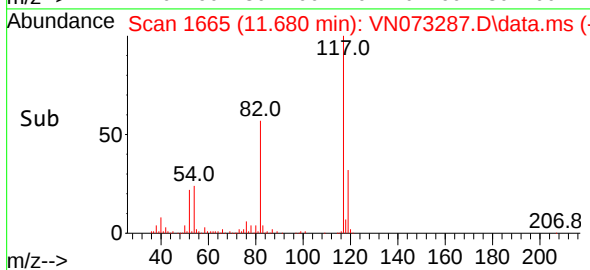
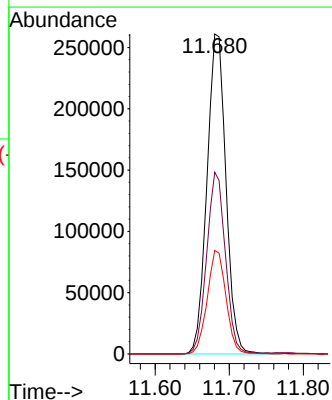
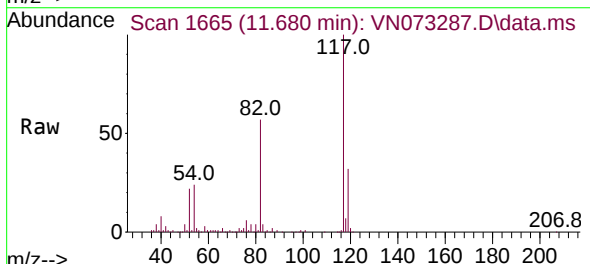
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

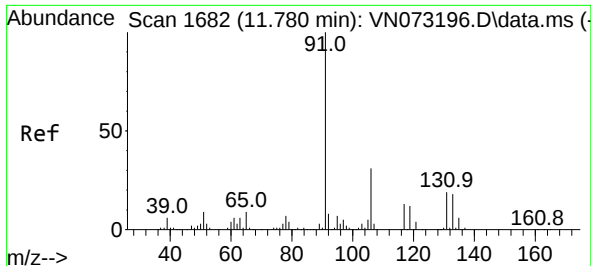
Tgt Ion: 95 Resp: 234550
Ion Ratio Lower Upper
95 100
174 75.1 0.0 167.6
176 72.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 117 Resp: 464124
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 32.3 25.4 38.0

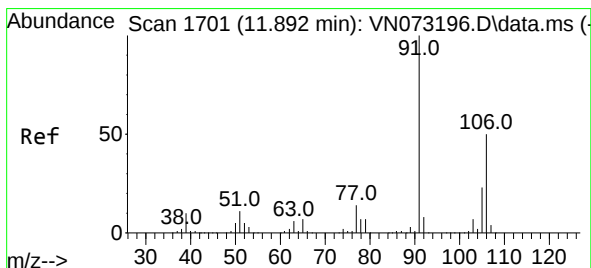
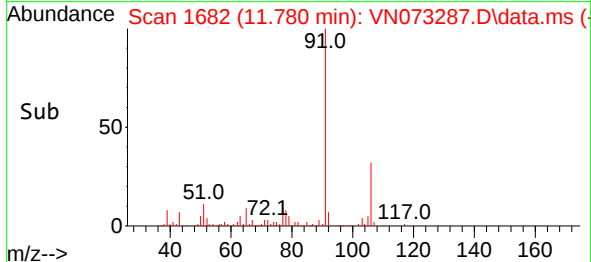
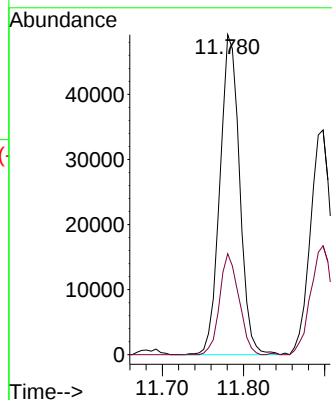
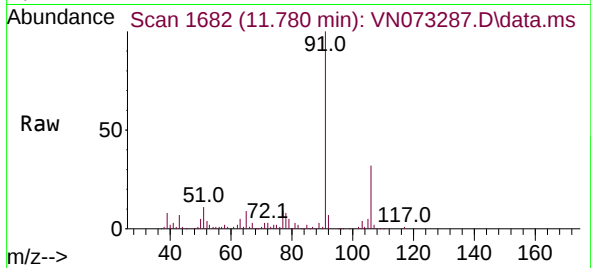




#67
Ethyl Benzene
Concen: 4.363 ug/l
RT: 11.780 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

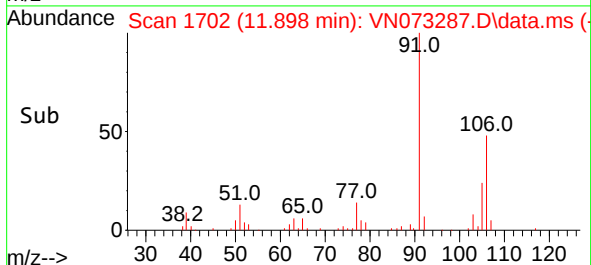
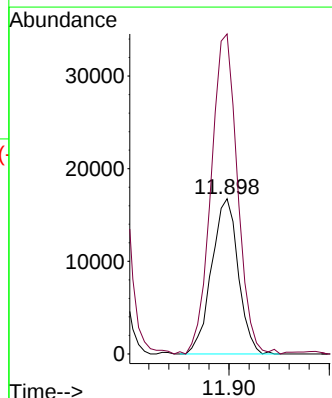
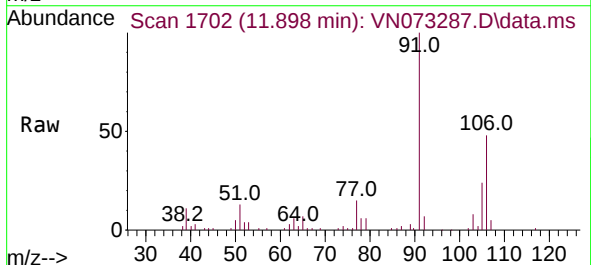
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

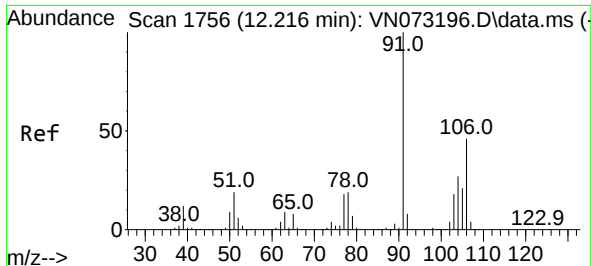
Tgt Ion: 91 Resp: 83150
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 4.287 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 106 Resp: 30830
Ion Ratio Lower Upper
106 100
91 204.9 158.9 238.3

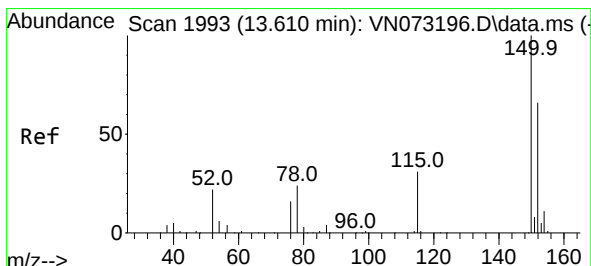
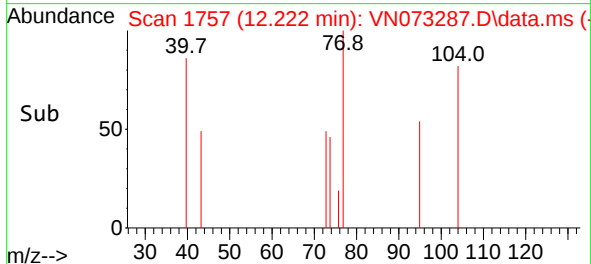
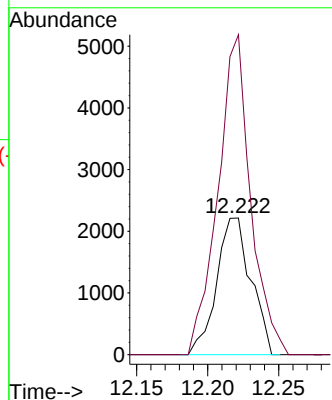
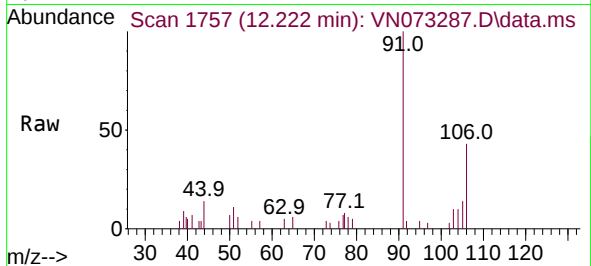




#69
o-Xylene
Concen: 0.508 ug/l
RT: 12.222 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

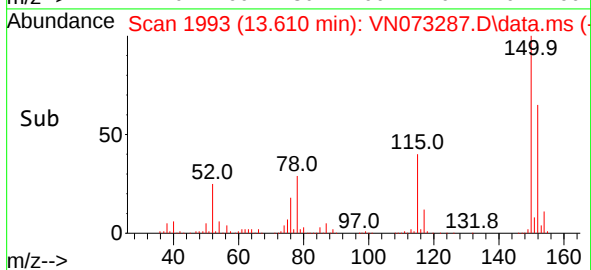
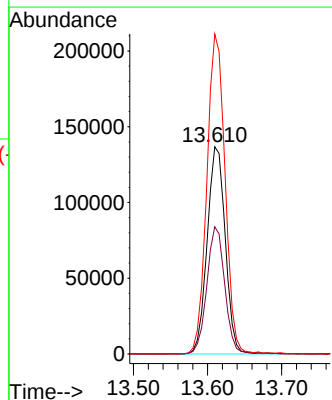
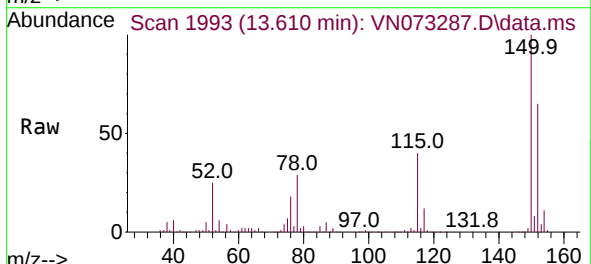
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

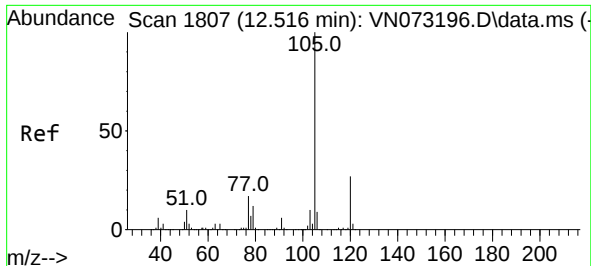
Tgt Ion:106 Resp: 3729
Ion Ratio Lower Upper
106 100
91 222.9 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion:152 Resp: 232460
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.7
150 154.8 0.0 356.2

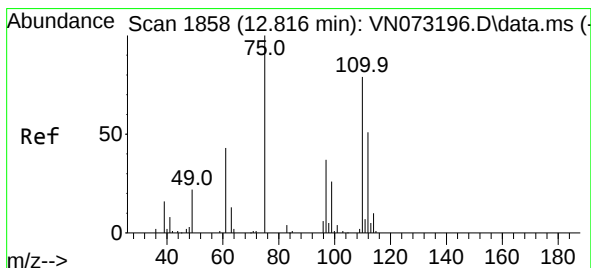
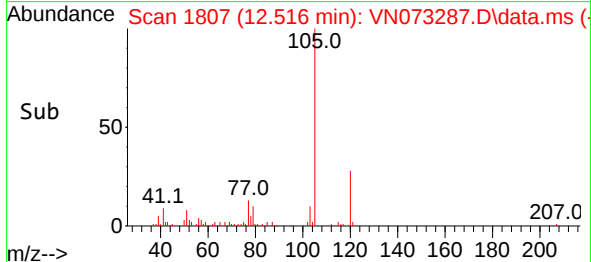
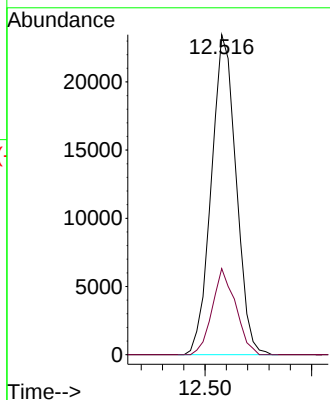
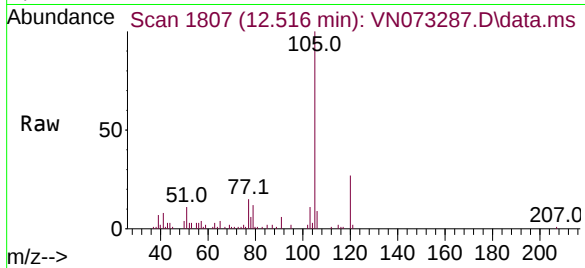




#73
Isopropylbenzene
Concen: 1.884 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

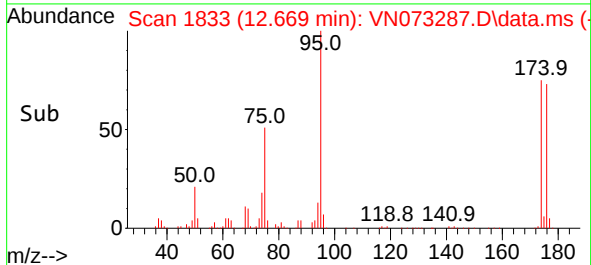
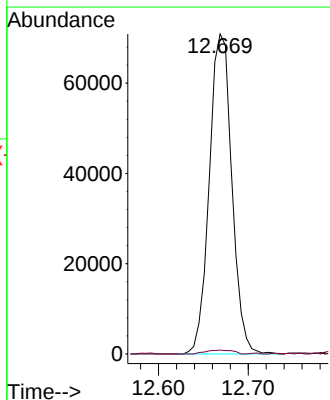
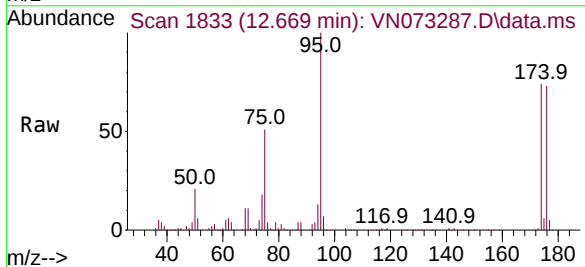
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

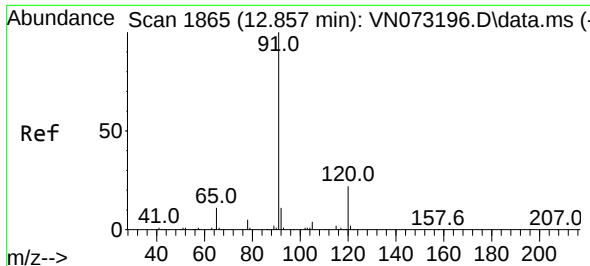
Tgt Ion:105 Resp: 37825
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4



#76
1,2,3-Trichloropropane
Concen: 20.375 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 75 Resp: 123846
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#

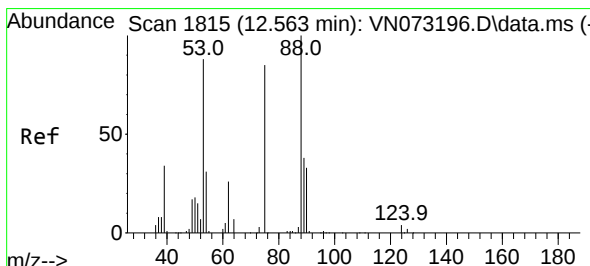
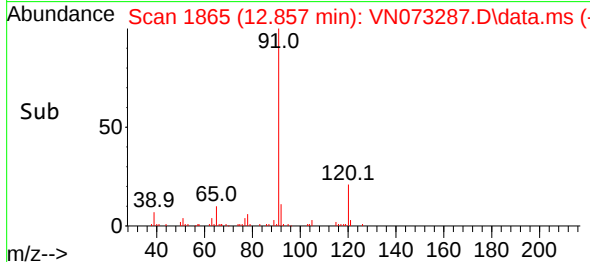
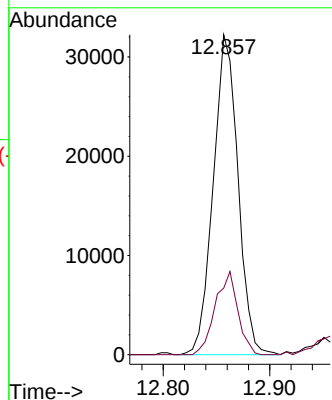
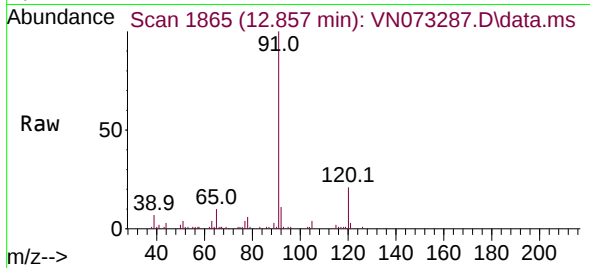




#78
n-propylbenzene
Concen: 2.330 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

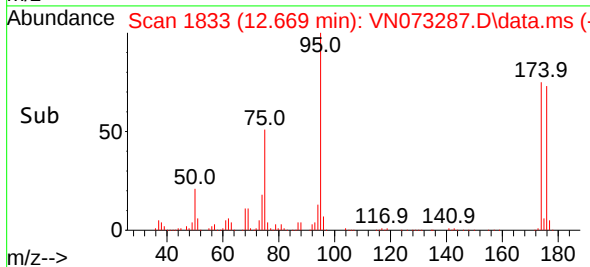
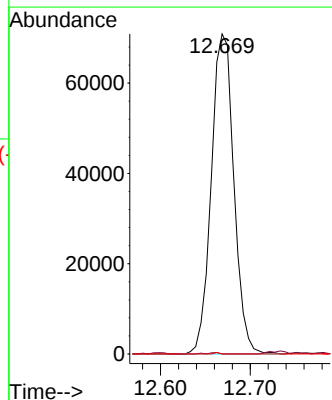
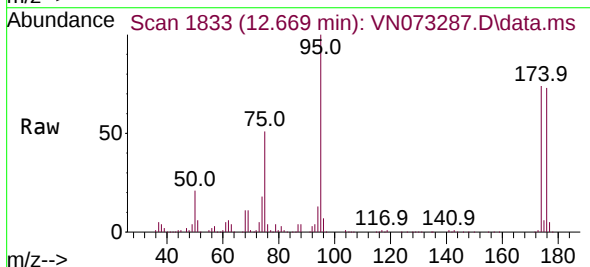
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

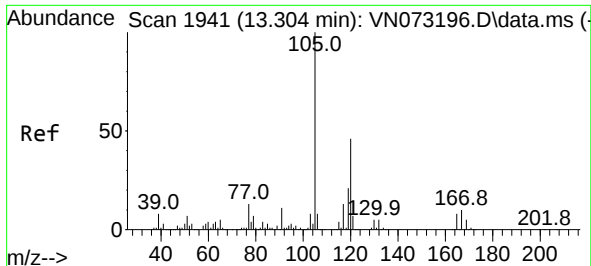
Tgt Ion: 91 Resp: 51955
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5



#81
trans-1,4-Dichloro-2-butene
Concen: 55.877 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 75 Resp: 123846
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.1 37.2 55.8#

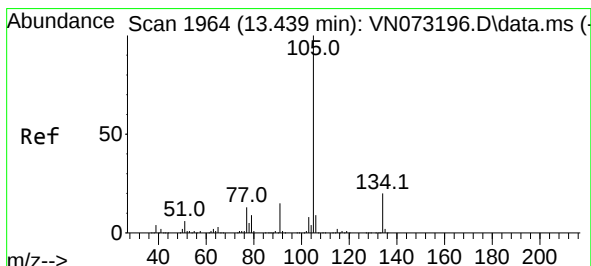
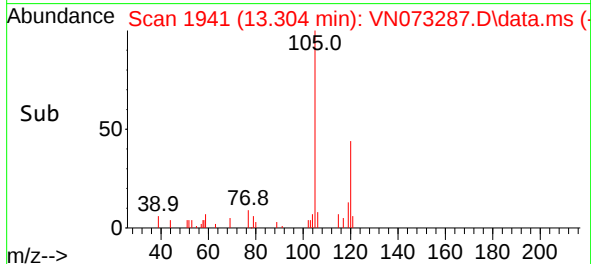
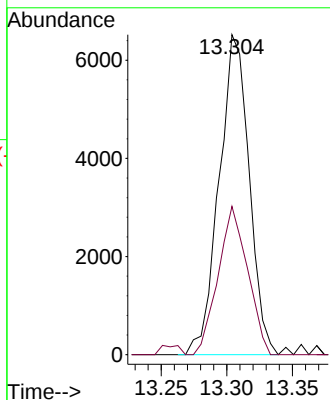
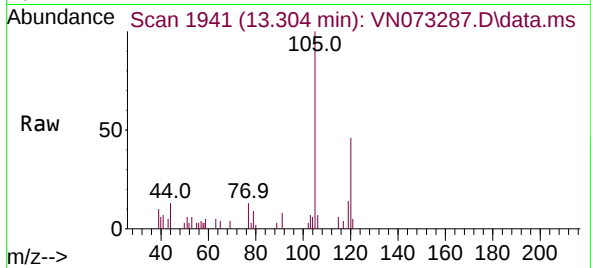




#84
1,2,4-Trimethylbenzene
Concen: 0.636 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

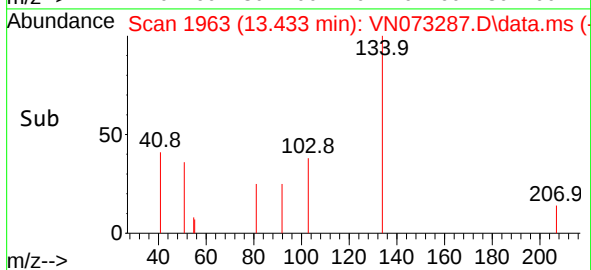
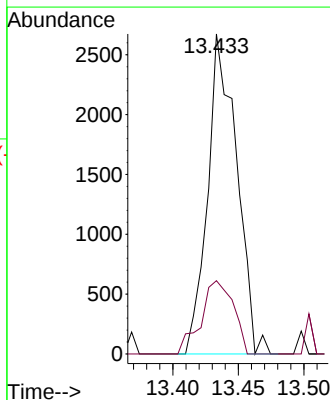
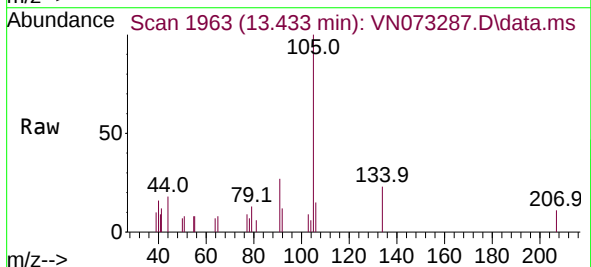
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

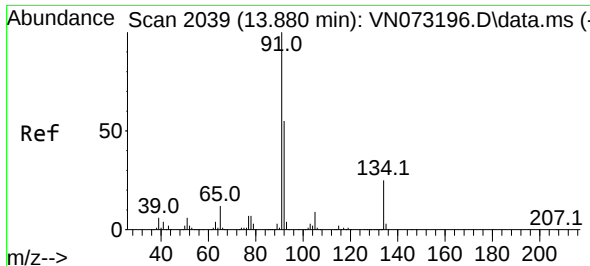
Tgt Ion:105 Resp: 10388
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.209 ug/l
RT: 13.433 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion:105 Resp: 4121
Ion Ratio Lower Upper
105 100
134 25.6 10.4 31.1

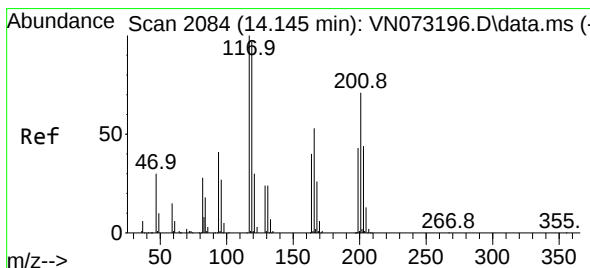
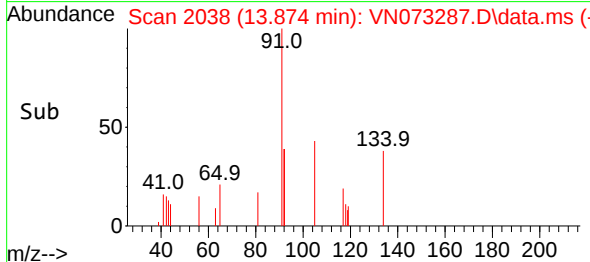
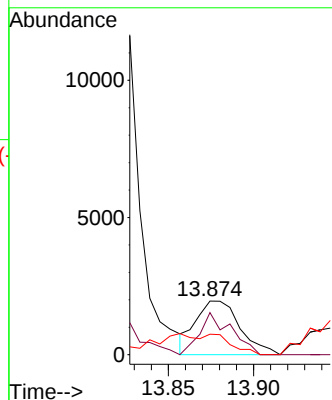
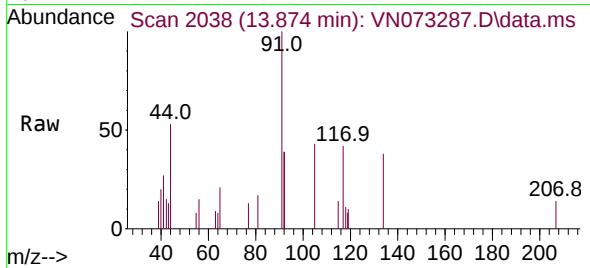




#89
n-Butylbenzene
Concen: 0.267 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. -0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

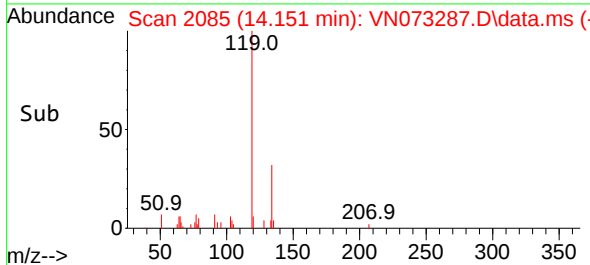
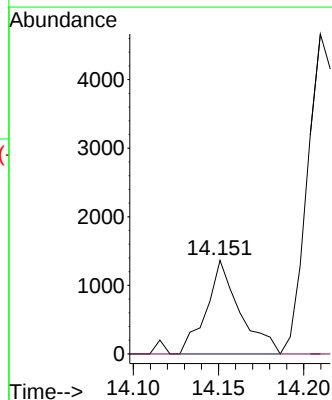
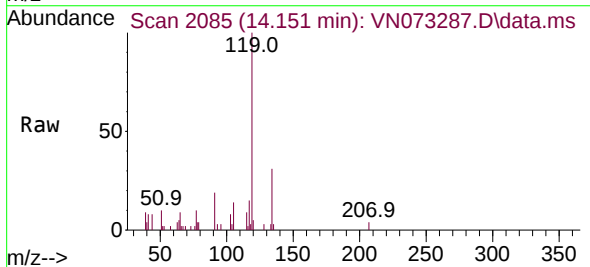
Instrument :
MSVOA_N
ClientSampleId :
MW-24RDL

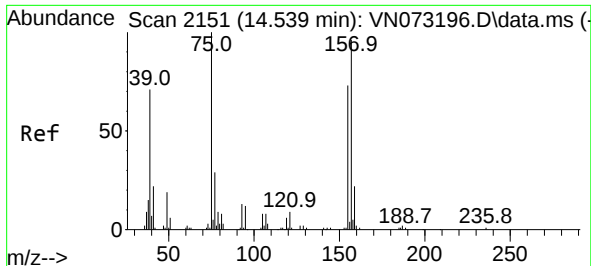
Tgt Ion: 91 Resp: 3537
Ion Ratio Lower Upper
91 100
92 55.8 26.9 80.7
134 40.9 13.6 40.8#



#90
Hexachloroethane
Concen: 0.628 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073287.D
Acq: 01 Jul 2022 11:07

Tgt Ion: 117 Resp: 1862
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

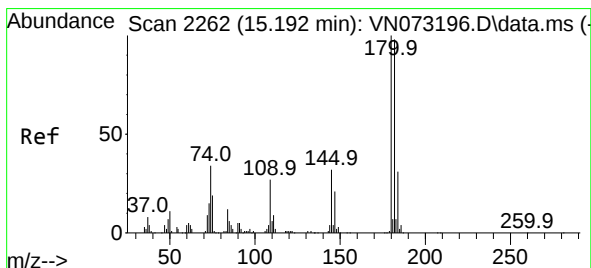
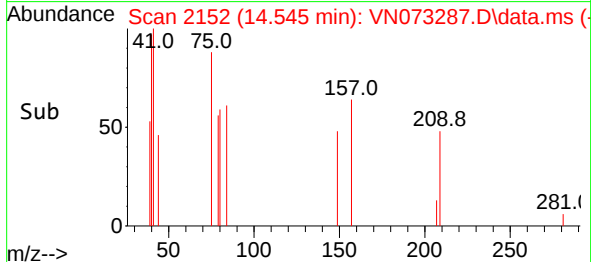
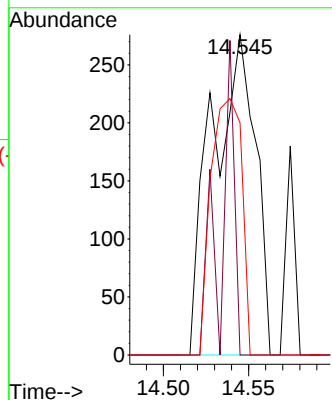
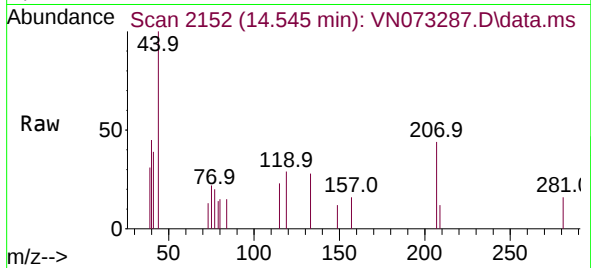




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.303 ug/l
 RT: 14.545 min Scan# 2151
 Delta R.T. 0.006 min
 Lab File: VN073287.D
 Acq: 01 Jul 2022 11:07

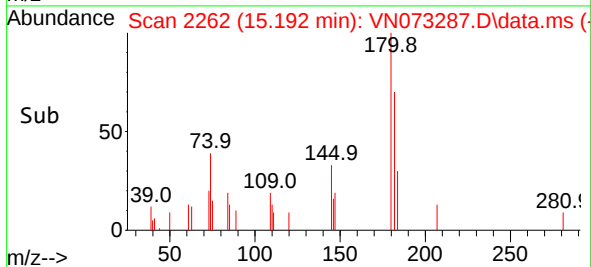
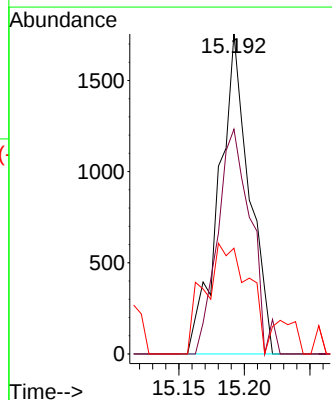
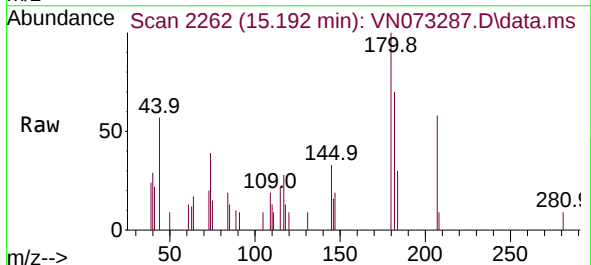
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24RDL

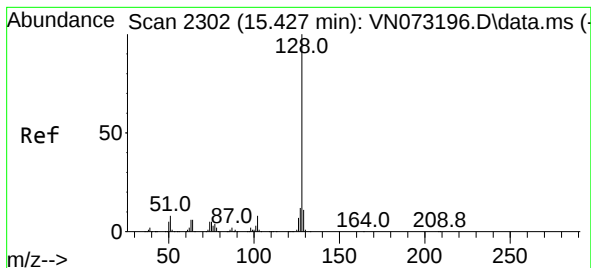
Tgt Ion: 75 Resp: 490
 Ion Ratio Lower Upper
 75 100
 155 31.0 44.9 134.5#
 157 56.5 59.0 176.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.638 ug/l
 RT: 15.192 min Scan# 2262
 Delta R.T. -0.000 min
 Lab File: VN073287.D
 Acq: 01 Jul 2022 11:07

Tgt Ion: 180 Resp: 2835
 Ion Ratio Lower Upper
 180 100
 182 76.7 47.5 142.5
 145 51.3 14.5 43.5#





#95

Naphthalene

Concen: 6.371 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073287.D

Acq: 01 Jul 2022 11:07

Instrument :

MSVOA_N

ClientSampleId :

MW-24RDL

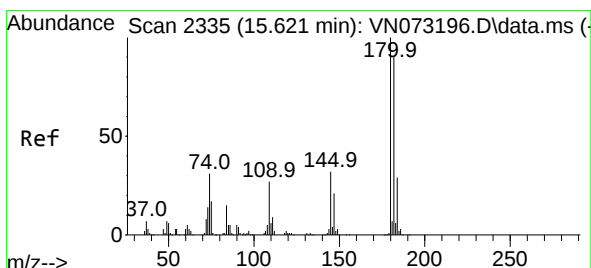
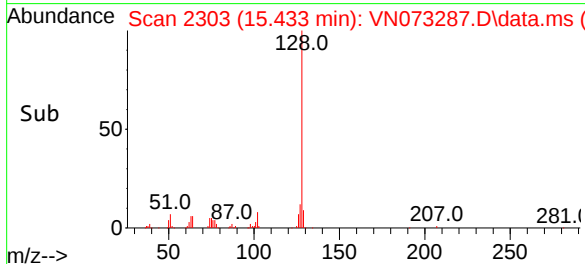
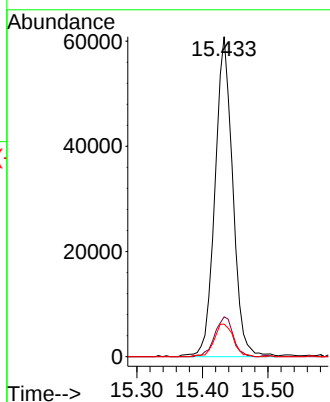
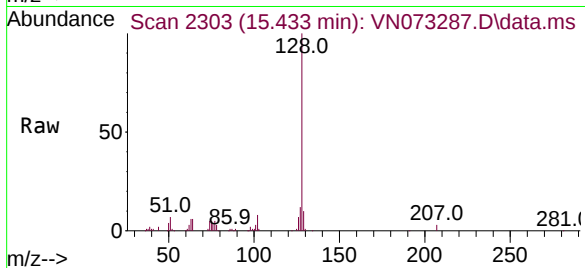
Tgt Ion:128 Resp: 114147

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.690 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073287.D

Acq: 01 Jul 2022 11:07

Tgt Ion:180 Resp: 3161

Ion Ratio Lower Upper

180 100

182 86.9 47.8 143.3

145 61.3 15.5 46.5#

