

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083898.D
 Acq On : 14 Sep 2024 18:20
 Operator : JC\MD
 Sample : P3966-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOA-240911078-02

Quant Time: Sep 16 01:39:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	172826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114883	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125056	47.988	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.980%
35) Dibromofluoromethane	8.165	113	86200	46.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.440%
50) Toluene-d8	10.565	98	324079	50.270	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.847	95	114792	43.158	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.320%

Target Compounds			Qvalue			
3) Chloromethane	2.353	50	150	Below Cal	#	41
6) Chloroethane	3.053	64	352	0.228	ug/l #	45
8) Diethyl Ether	3.959	74	3025	2.417	ug/l	93
11) Tert butyl alcohol	5.518	59	1990263	5703.351	ug/l	99
14) Allyl chloride	4.942	41	16000	4.804	ug/l #	42
15) Acrylonitrile	5.524	53	19254	20.288	ug/l #	11
16) Acetone	4.424	43	154015	147.429	ug/l	97
17) Carbon Disulfide	4.718	76	9053	1.731	ug/l #	84
18) Methyl Acetate	5.024	43	1253	Below Cal	#	61
19) Methyl tert-butyl Ether	5.789	73	24299	3.592	ug/l	96
25) 2-Butanone	7.483	43	501579	365.302	ug/l	96
26) 2,2-Dichloropropane	7.430	77	93219	25.625	ug/l #	56
27) cis-1,2-Dichloroethene	7.488	96	1370	0.576	ug/l #	2
28) Bromochloromethane	7.835	49	1138	0.684	ug/l #	14
29) Tetrahydrofuran	7.835	42	496187	611.161	ug/l	98
31) Cyclohexane	8.218	56	4944	1.313	ug/l #	43
36) 1,1-Dichloropropene	8.224	75	17376	6.191	ug/l #	51
37) Ethyl Acetate	7.483	43	501579	196.871	ug/l #	68
38) Carbon Tetrachloride	8.224	117	19772	6.209	ug/l #	17
40) Benzene	8.606	78	33729	3.992	ug/l #	90
41) Methacrylonitrile	7.835	41	297154	197.198	ug/l #	47
42) 1,2-Dichloroethane	8.665	62	897	0.284	ug/l #	77
43) Isopropyl Acetate	8.653	43	11713	2.537	ug/l #	85
49) 1,4-Dioxane	9.688	88	3201	88.833	ug/l #	97
51) 4-Methyl-2-Pentanone	10.441	43	10365	4.124	ug/l #	68
52) Toluene	10.629	92	25479	4.931	ug/l	96
55) 1,1,2-Trichloroethane	10.918	97	560	0.290	ug/l #	28
59) 2-Hexanone	11.171	43	91365	49.145	ug/l #	24
65) Chlorobenzene	11.888	112	13097	2.341	ug/l	100
67) Ethyl Benzene	11.965	91	76992	7.747	ug/l	100
68) m/p-Xylenes	12.065	106	26775	7.257	ug/l	100
69) o-Xylene	12.400	106	14310	4.006	ug/l	95
70) Styrene	12.406	104	3408	0.581	ug/l #	31
73) Isopropylbenzene	12.694	105	9516	1.071	ug/l	98
74) N-amyl acetate	12.453	43	6129	1.616	ug/l #	47
76) 1,2,3-Trichloropropane	12.847	75	67518	29.126	ug/l #	1

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Instrument :
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ClientSampleId :
VOA-240911078-02

Quant Time: Sep 16 01:39:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

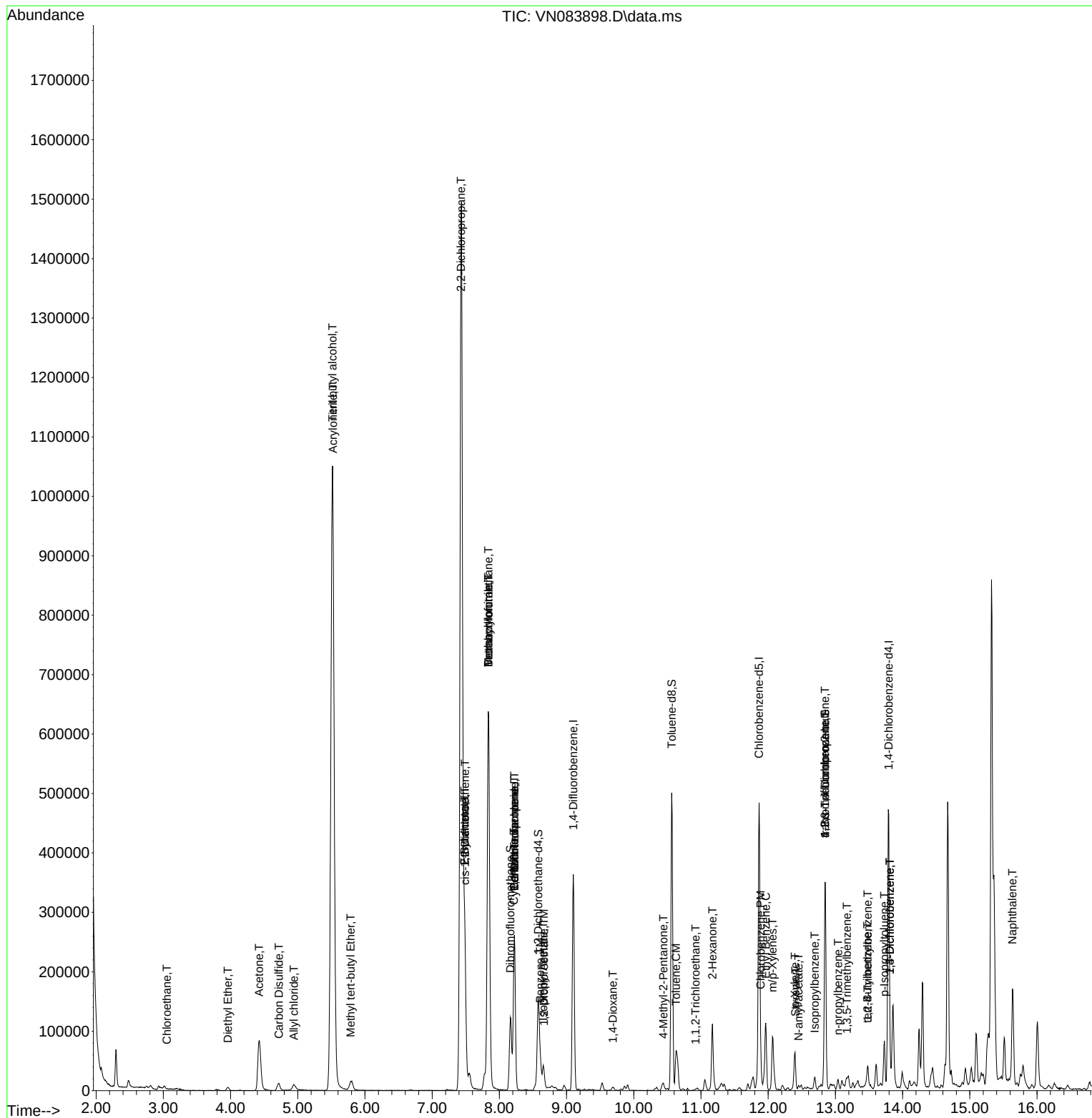
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78) n-propylbenzene	13.041	91	4685	0.453	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	4285	0.572	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.847	75	67518	76.284	ug/l #	10
83) tert-Butylbenzene	13.476	119	2271	0.346	ug/l #	24
84) 1,2,4-Trimethylbenzene	13.482	105	18733	2.489	ug/l	97
86) p-Isopropyltoluene	13.729	119	39210	5.380	ug/l	97
87) 1,3-Dichlorobenzene	13.812	146	10101	2.502	ug/l	88
88) 1,4-Dichlorobenzene	13.812	146	10101	2.471	ug/l	88
95) Naphthalene	15.635	128	146982	23.104	ug/l	99

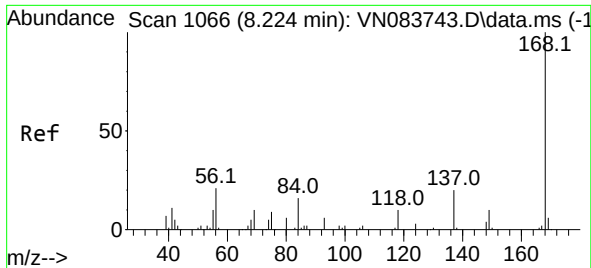
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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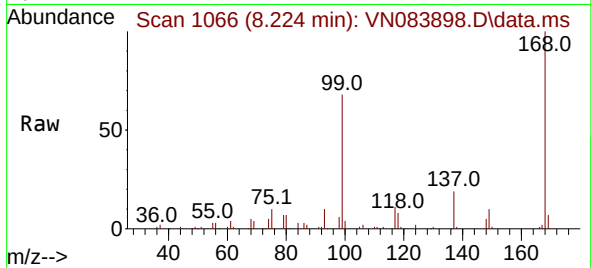
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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



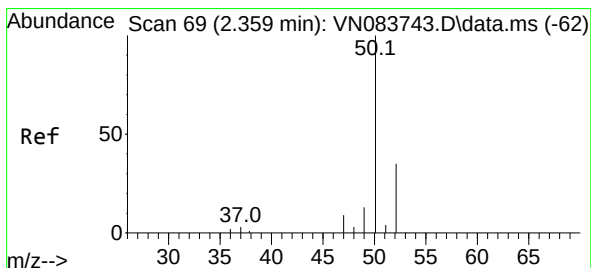
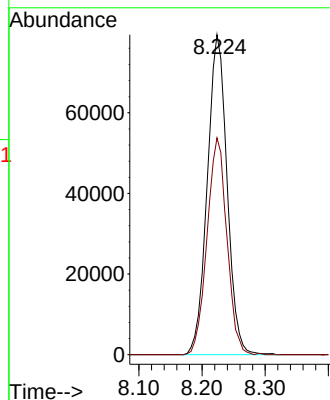
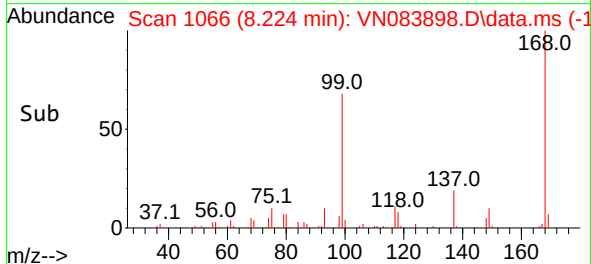


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083898.D
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Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

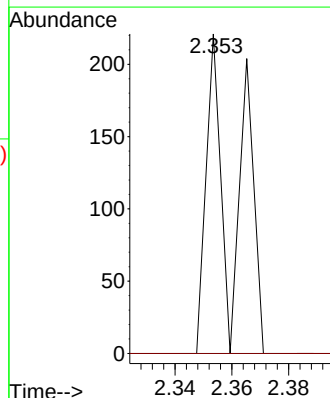
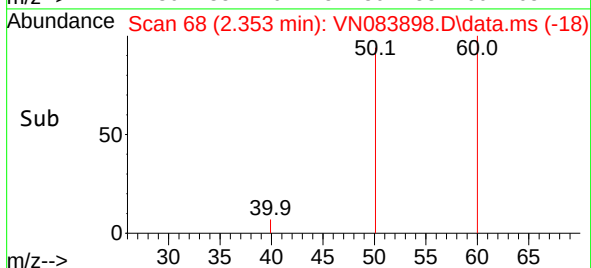
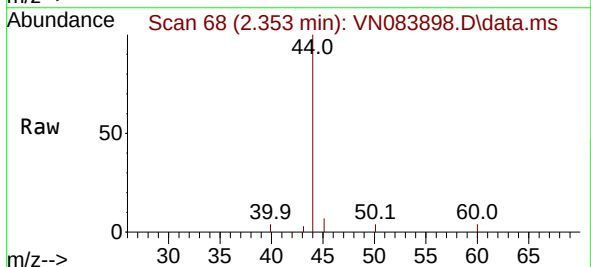


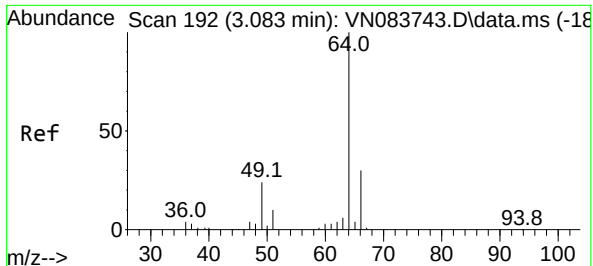
Tgt Ion:168 Resp: 172826
Ion Ratio Lower Upper
168 100
99 67.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion: 50 Resp: 150
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

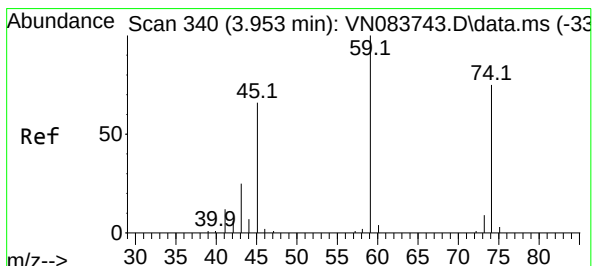
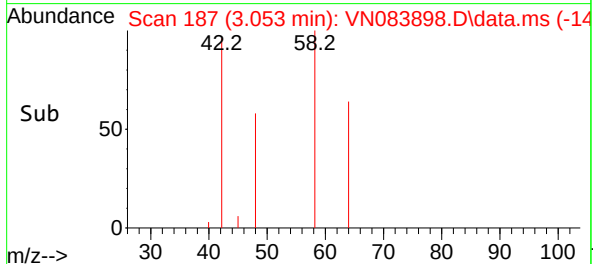
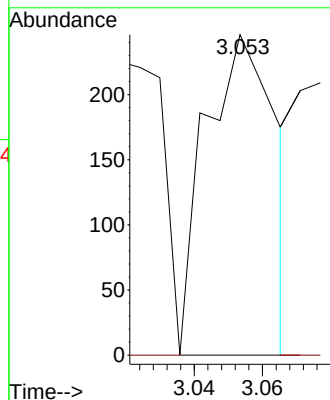
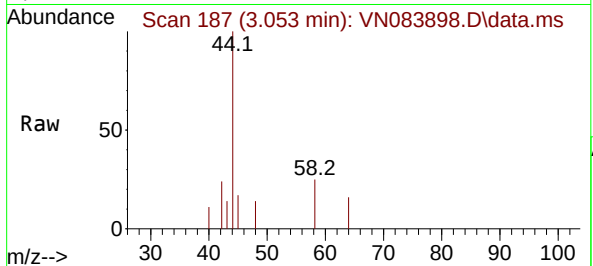




#6
Chloroethane
Concen: 0.228 ug/l
RT: 3.053 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

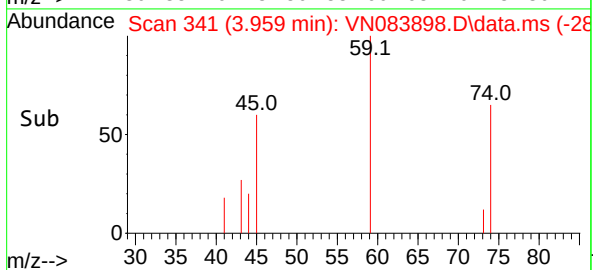
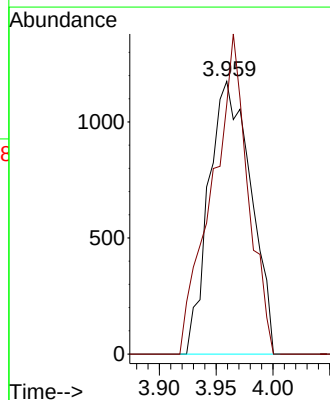
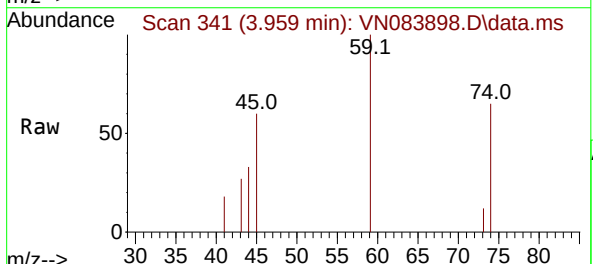
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

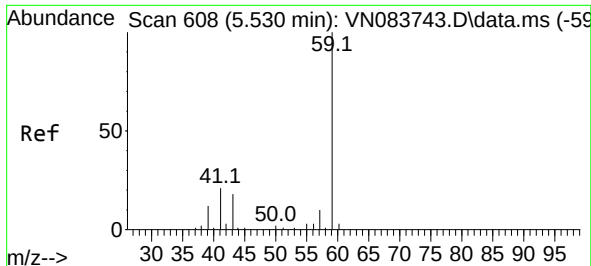
Tgt Ion: 64 Resp: 352
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#8
Diethyl Ether
Concen: 2.417 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion: 74 Resp: 3025
Ion Ratio Lower Upper
74 100
45 100.1 46.7 140.1

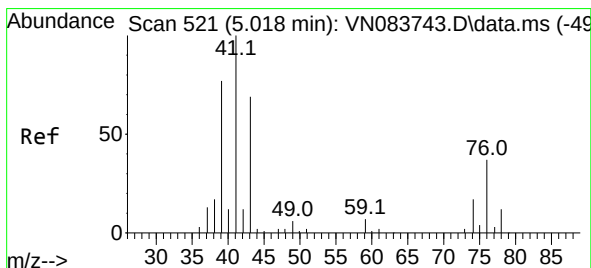
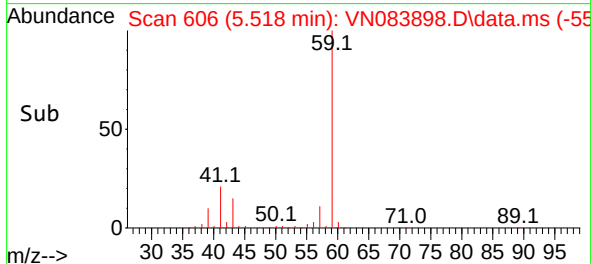
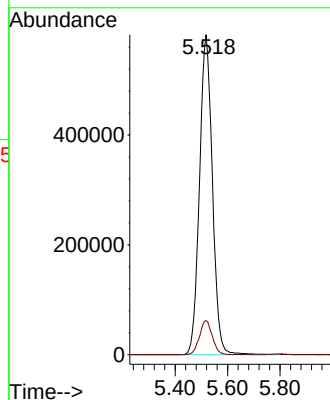
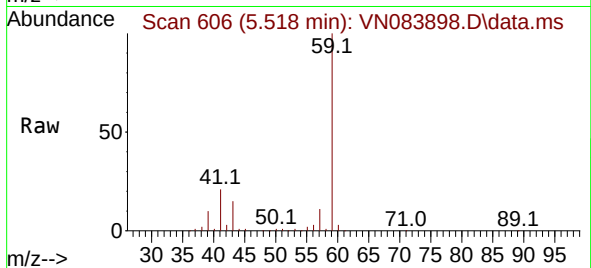




#11
Tert butyl alcohol
Concen: 5703.351 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

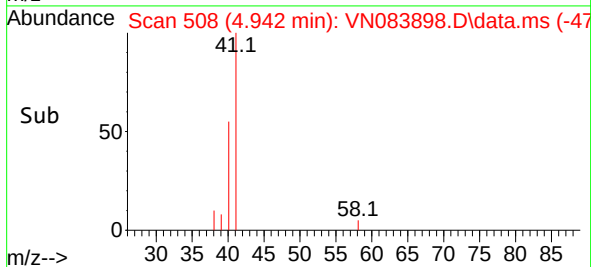
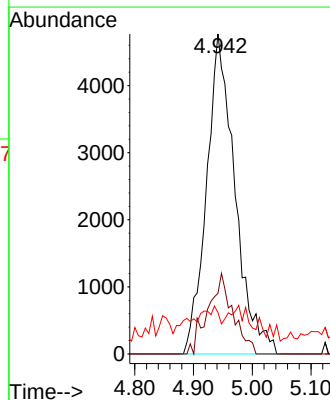
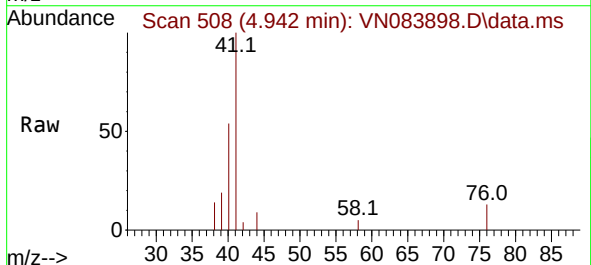
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

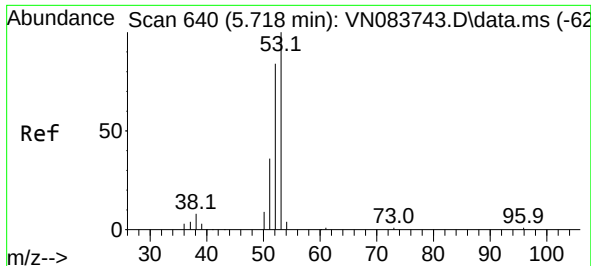
Tgt Ion: 59 Resp: 1990263
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1



#14
Allyl chloride
Concen: 4.804 ug/l
RT: 4.942 min Scan# 508
Delta R.T. -0.077 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion: 41 Resp: 16000
Ion Ratio Lower Upper
41 100
39 22.2 59.3 88.9#
76 4.7 27.7 41.5#

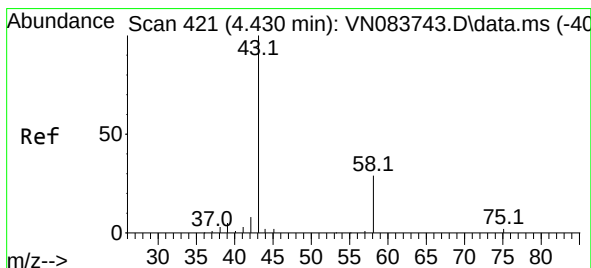
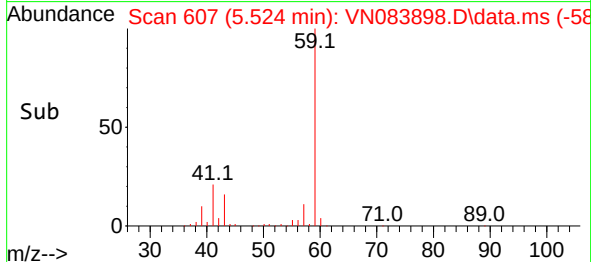
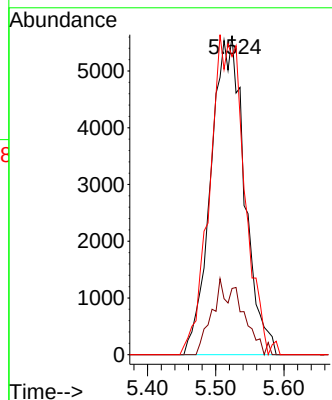
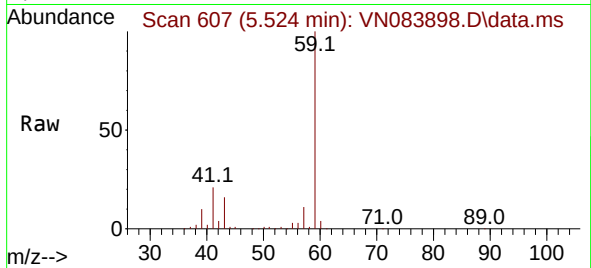




#15
Acrylonitrile
Concen: 20.288 ug/l
RT: 5.524 min Scan# 60
Delta R.T. -0.194 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

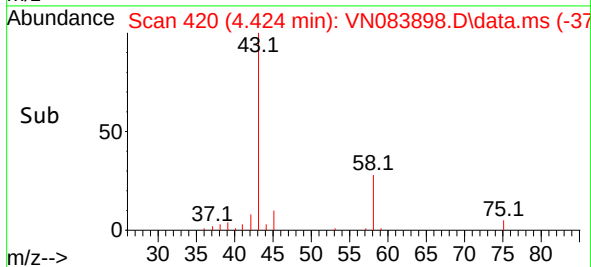
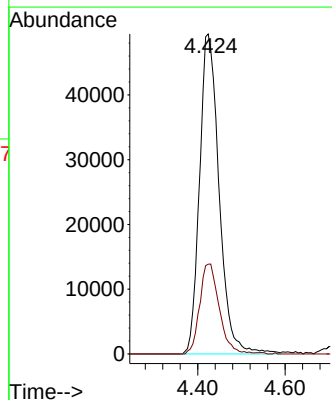
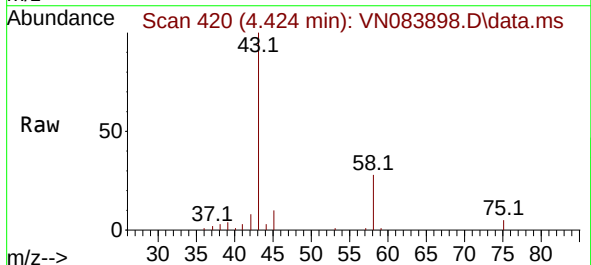
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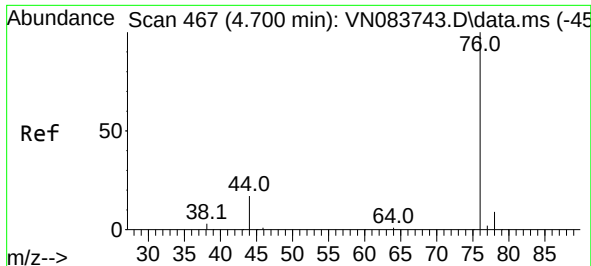
Tgt Ion: 53 Resp: 19254
Ion Ratio Lower Upper
53 100
52 11.0 66.1 99.1#
51 103.2 29.6 44.4#



#16
Acetone
Concen: 147.429 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

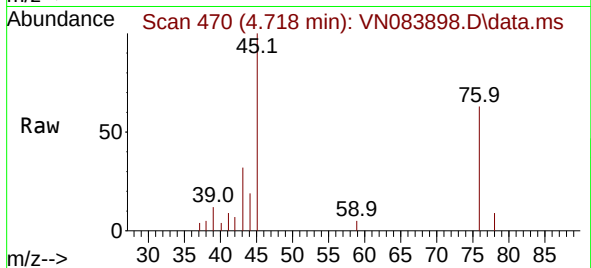
Tgt Ion: 43 Resp: 154015
Ion Ratio Lower Upper
43 100
58 28.0 23.7 35.5



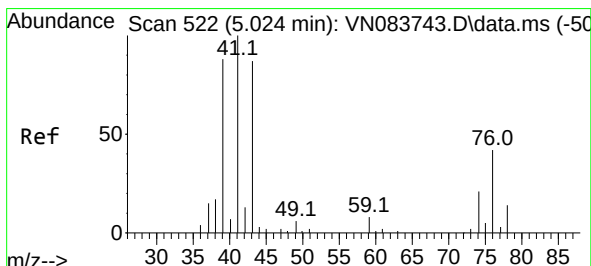
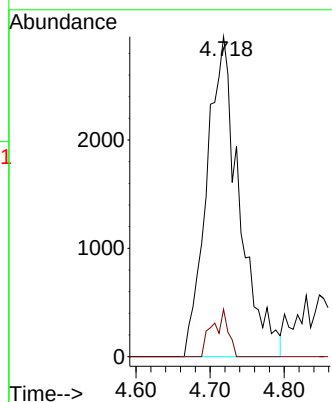
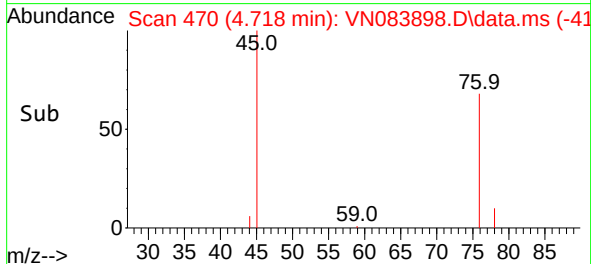


#17
Carbon Disulfide
Concen: 1.731 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

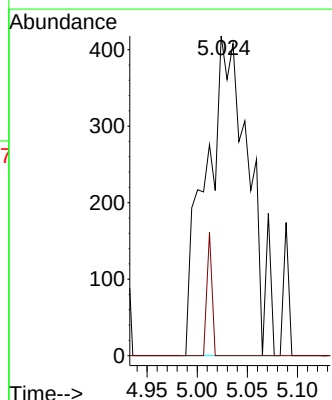
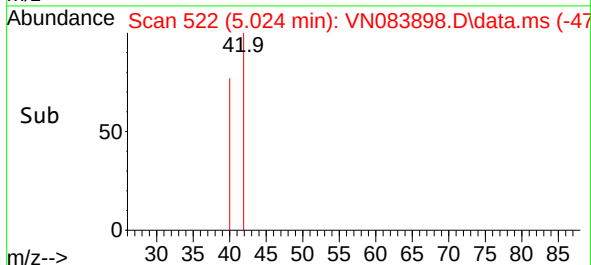
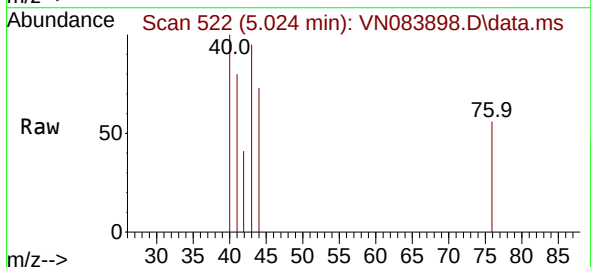


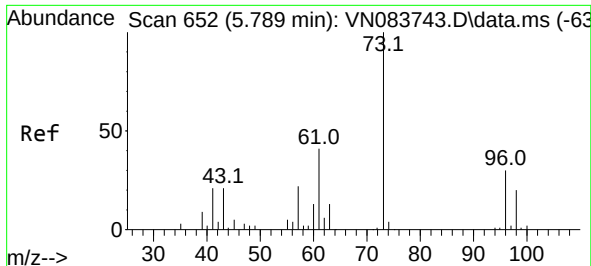
Tgt Ion: 76 Resp: 9053
Ion Ratio Lower Upper
76 100
78 14.8 7.1 10.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion: 43 Resp: 1253
Ion Ratio Lower Upper
43 100
74 4.5 19.0 28.4#

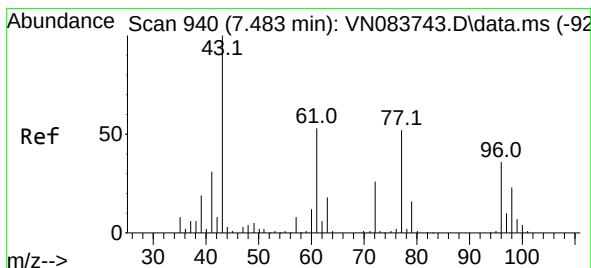
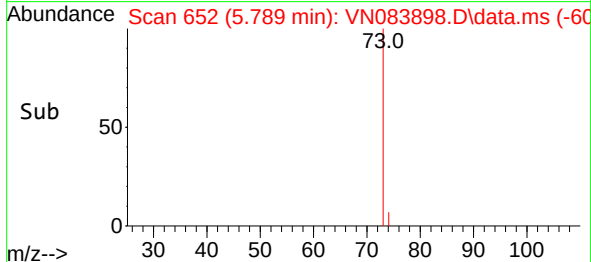
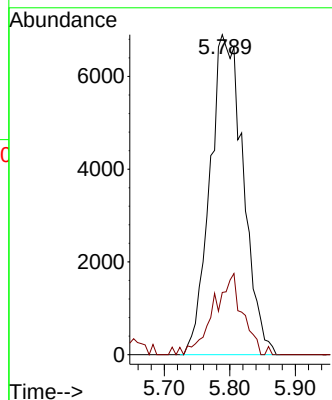
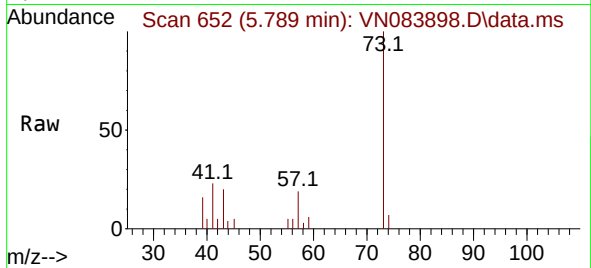




#19
Methyl tert-butyl Ether
Concen: 3.592 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

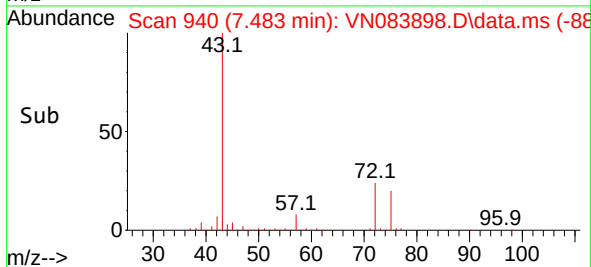
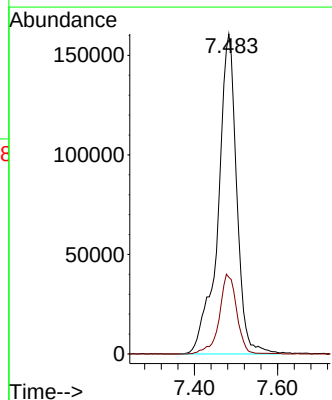
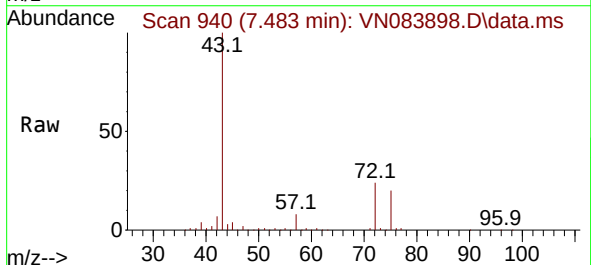
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

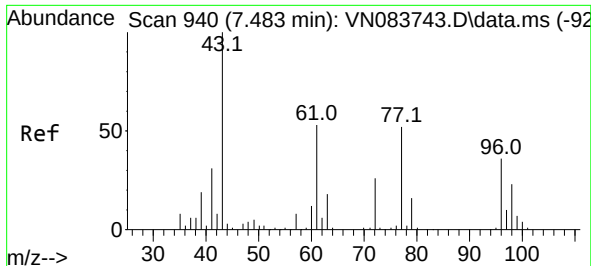
Tgt Ion: 73 Resp: 24299
Ion Ratio Lower Upper
73 100
57 19.5 17.0 25.6



#25
2-Butanone
Concen: 365.302 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion: 43 Resp: 501579
Ion Ratio Lower Upper
43 100
72 24.0 20.8 31.2

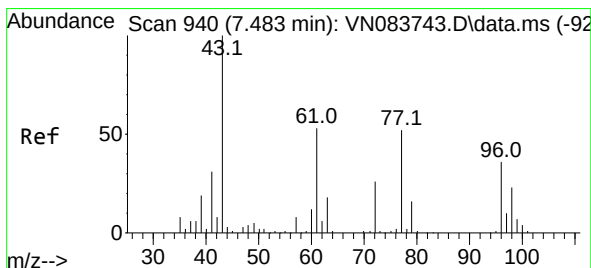
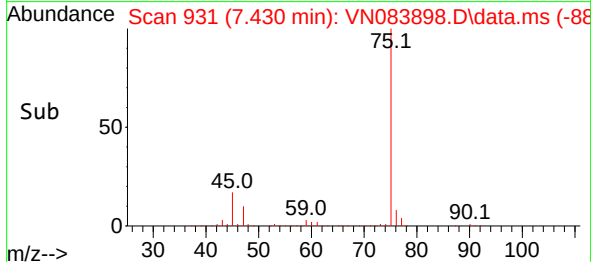
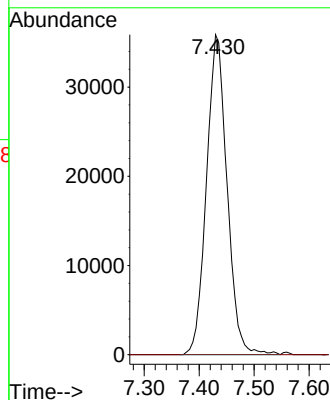
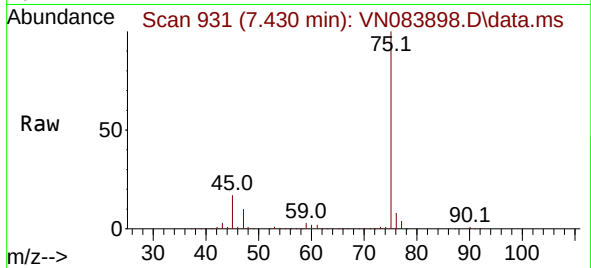




#26
2,2-Dichloropropane
Concen: 25.625 ug/l
RT: 7.430 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

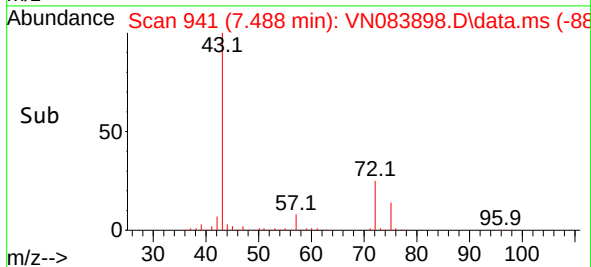
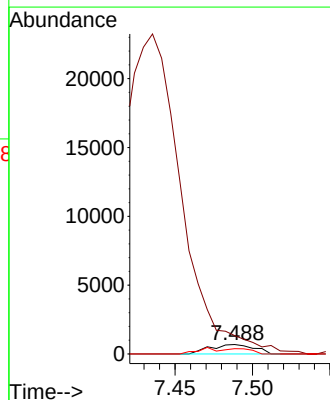
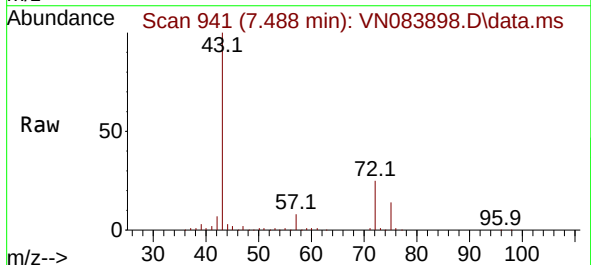
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

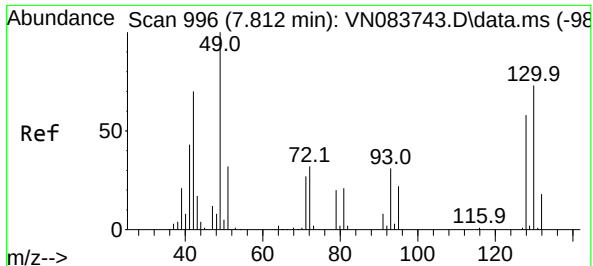
Tgt Ion: 77 Resp: 93219
Ion Ratio Lower Upper
77 100
97 0.0 10.2 30.4#



#27
cis-1,2-Dichloroethene
Concen: 0.576 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion: 96 Resp: 1370
Ion Ratio Lower Upper
96 100
61 0.0 0.0 306.2
98 26.4 0.0 128.6





#28

Bromochloromethane

Concen: 0.684 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.023 min

Lab File: VN083898.D

Acq: 14 Sep 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VOA-240911078-02

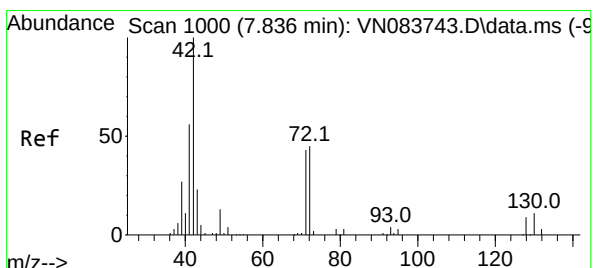
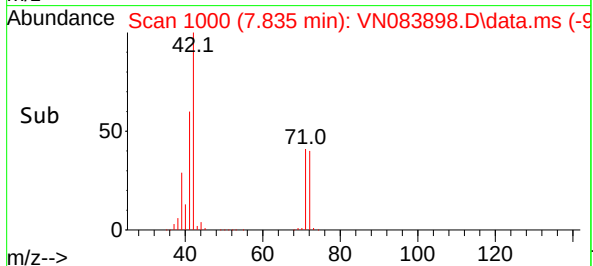
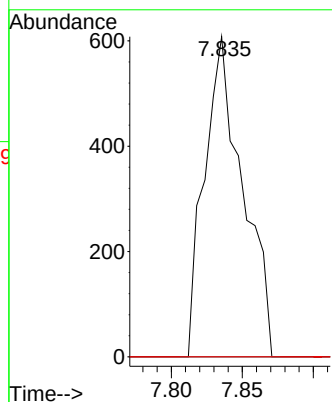
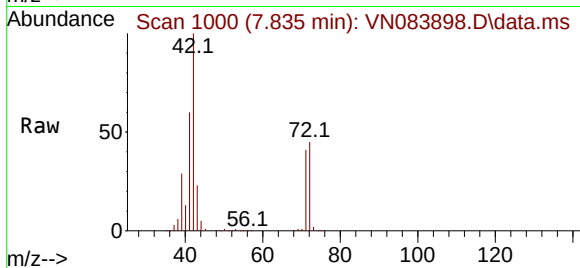
Tgt Ion: 49 Resp: 1138

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

130 0.0 60.2 90.2#



#29

Tetrahydrofuran

Concen: 611.161 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083898.D

Acq: 14 Sep 2024 18:20

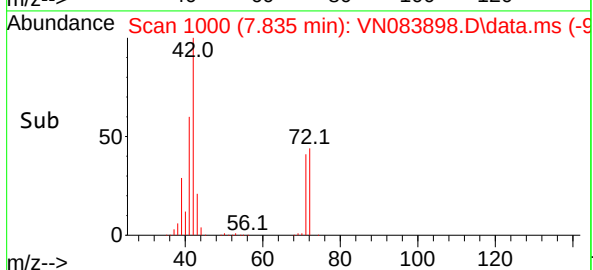
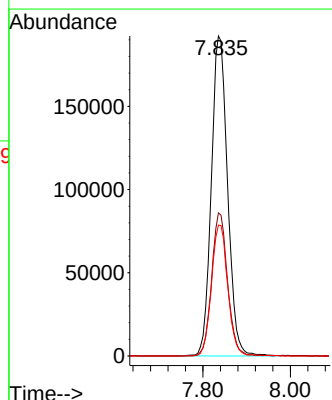
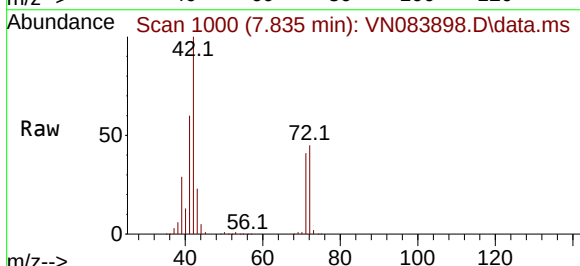
Tgt Ion: 42 Resp: 496187

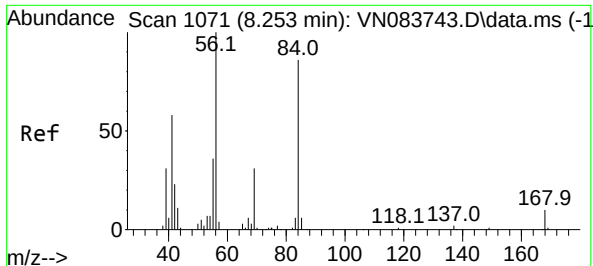
Ion Ratio Lower Upper

42 100

72 43.8 35.9 53.9

71 41.0 33.9 50.9





#31

Cyclohexane

Concen: 1.313 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN083898.D

Acq: 14 Sep 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VOA-240911078-02

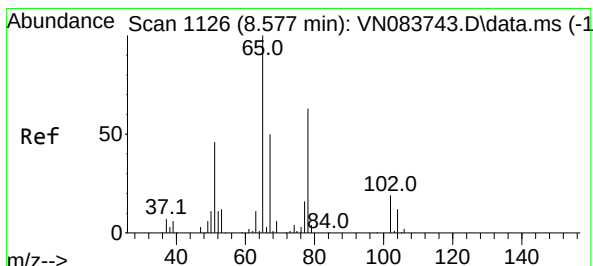
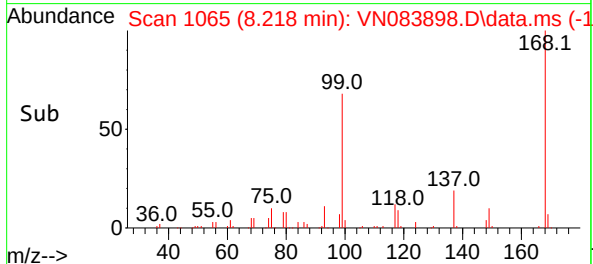
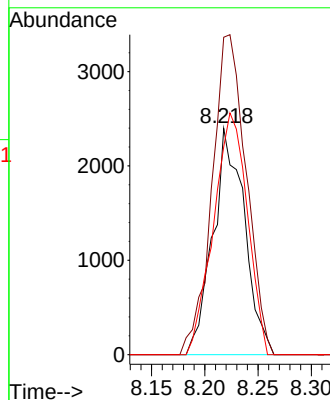
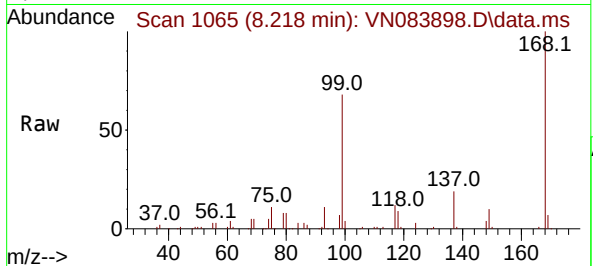
Tgt Ion: 56 Resp: 4944

Ion Ratio Lower Upper

56 100

69 140.3 26.9 40.3#

84 91.8 69.2 103.8



#33

1,2-Dichloroethane-d4

Concen: 47.988 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083898.D

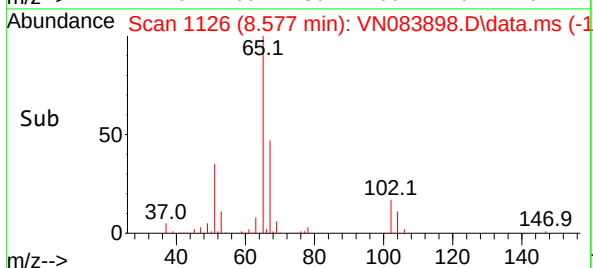
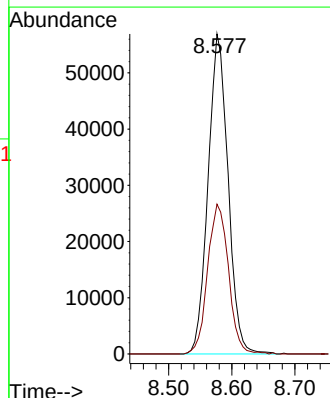
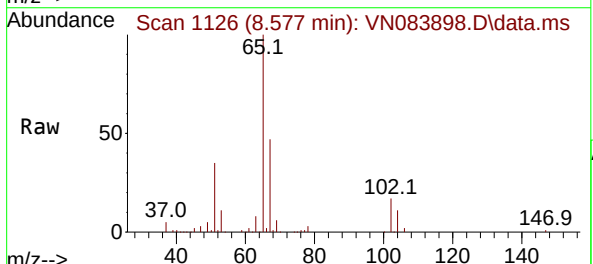
Acq: 14 Sep 2024 18:20

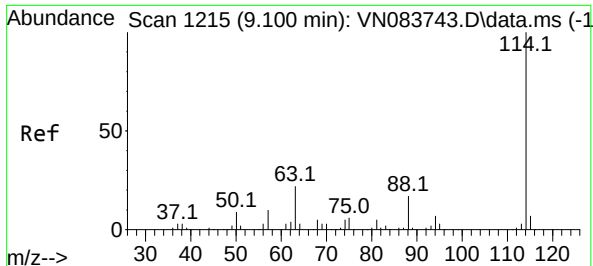
Tgt Ion: 65 Resp: 125056

Ion Ratio Lower Upper

65 100

67 49.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083898.D

Acq: 14 Sep 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VOA-240911078-02

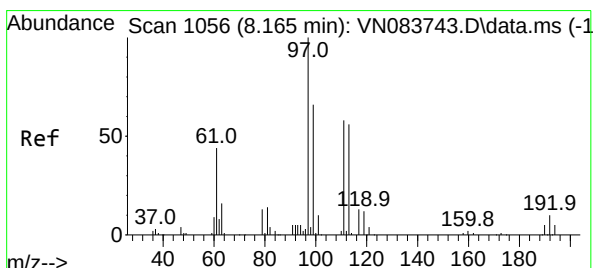
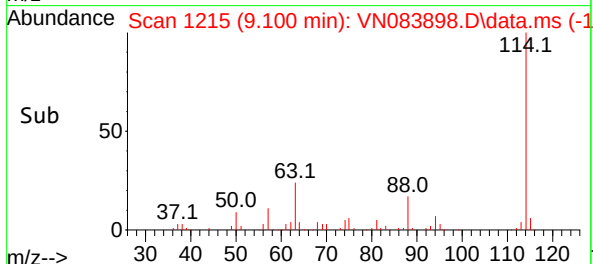
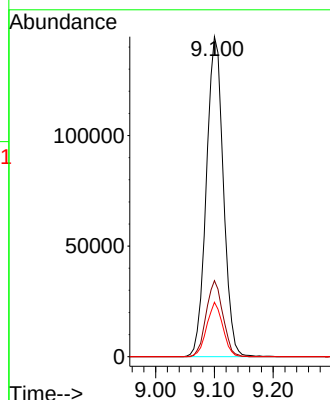
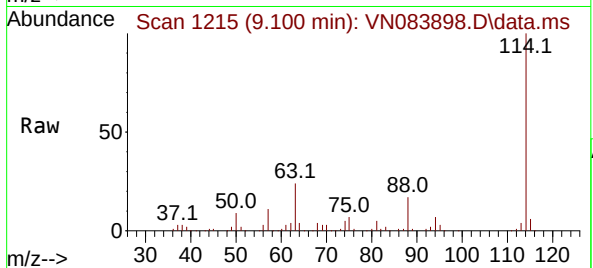
Tgt Ion:114 Resp: 291293

Ion Ratio Lower Upper

114 100

63 23.8 0.0 43.4

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.224 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083898.D

Acq: 14 Sep 2024 18:20

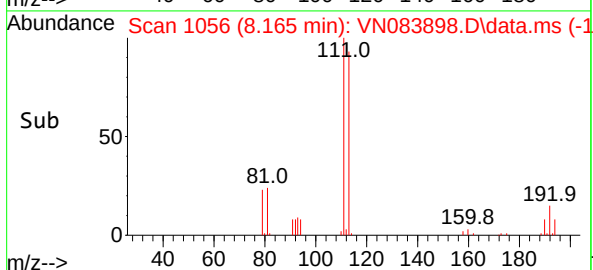
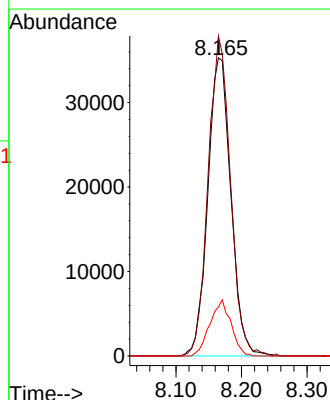
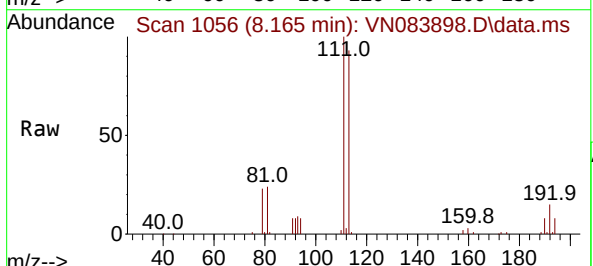
Tgt Ion:113 Resp: 86200

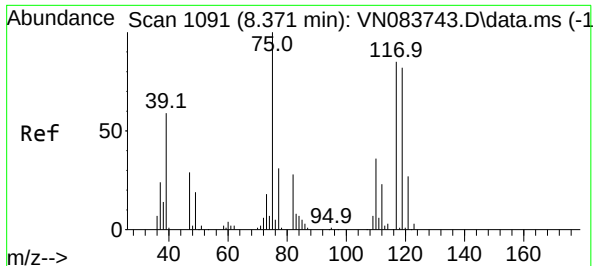
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

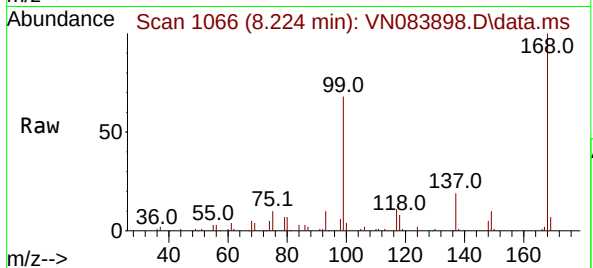
192 17.3 14.3 21.5



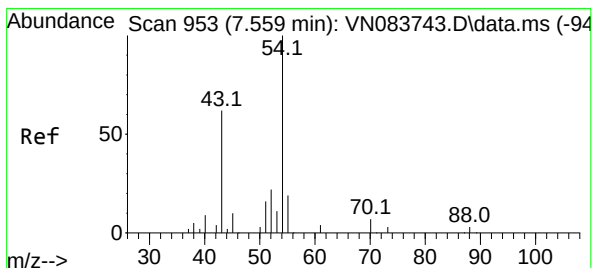
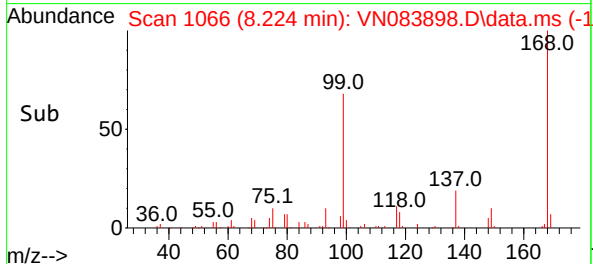
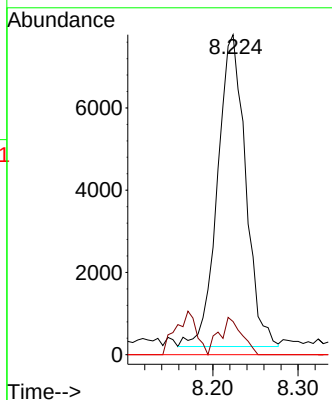


#36
1,1-Dichloropropene
Concen: 6.191 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

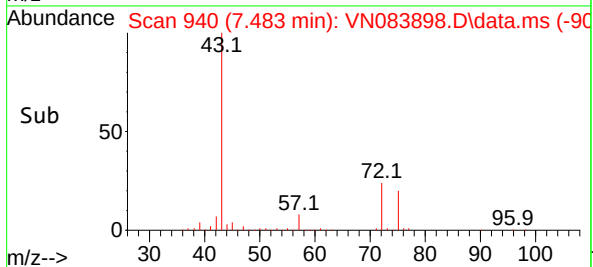
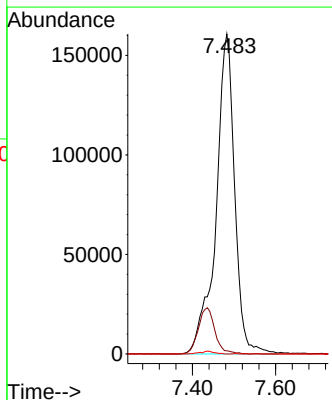
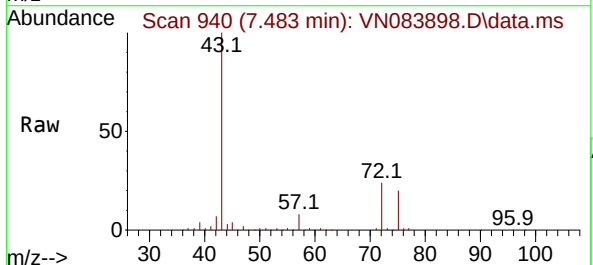


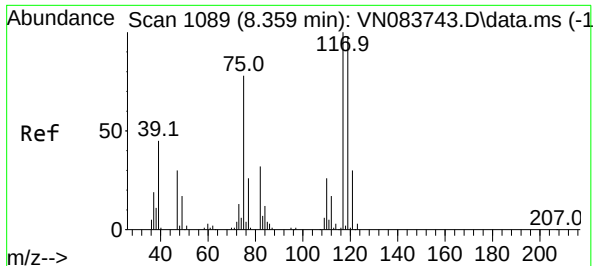
Tgt Ion: 75 Resp: 17376
Ion Ratio Lower Upper
75 100
110 9.4 16.7 50.1#
77 0.0 25.2 37.8#



#37
Ethyl Acetate
Concen: 196.871 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.077 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

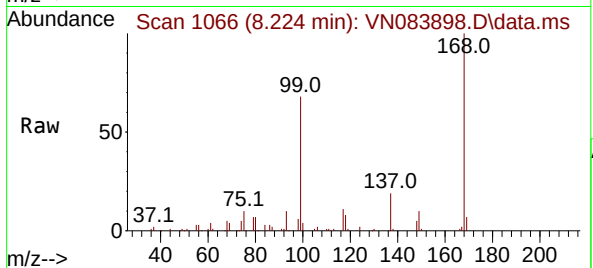
Tgt Ion: 43 Resp: 501579
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.8 13.2#



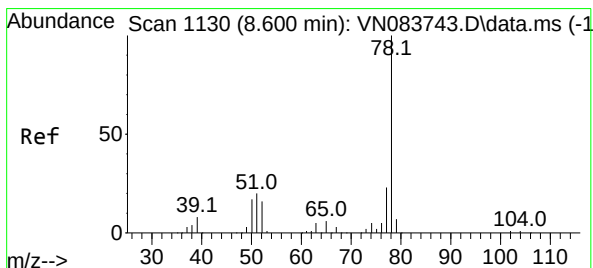
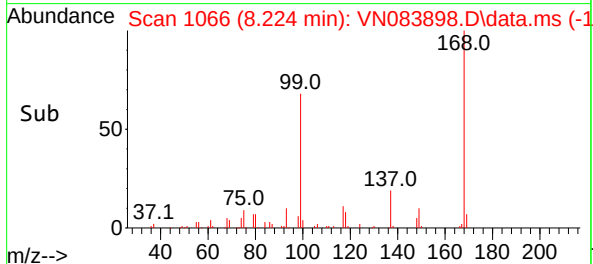
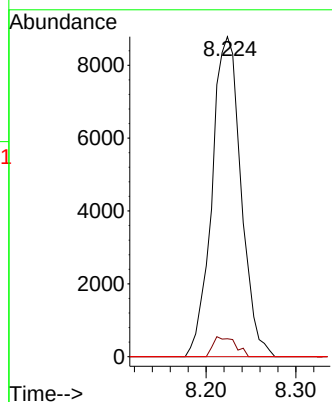


#38
Carbon Tetrachloride
Concen: 6.209 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

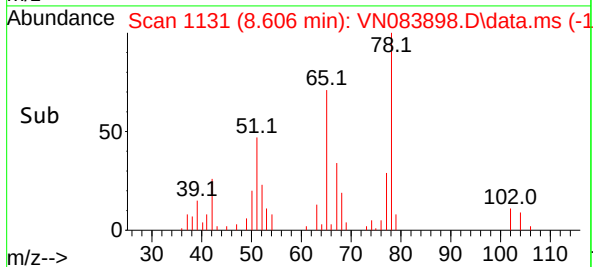
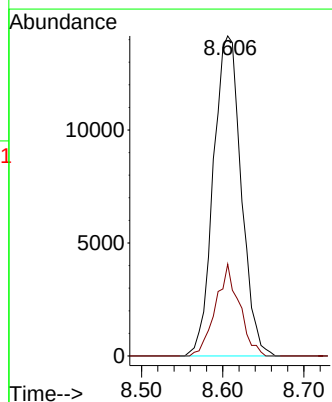
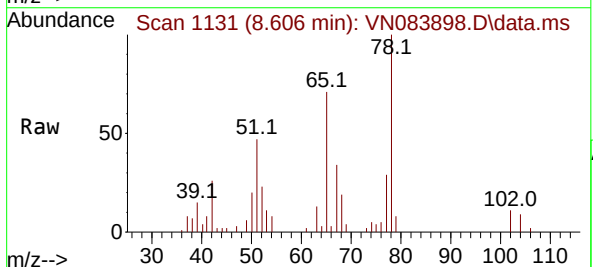


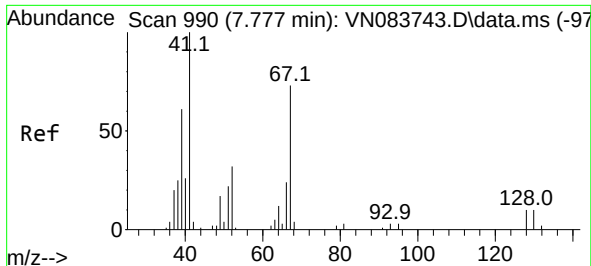
Tgt Ion:117 Resp: 19772
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.1 36.1#



#40
Benzene
Concen: 3.992 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion: 78 Resp: 33729
Ion Ratio Lower Upper
78 100
77 28.7 19.0 28.6#

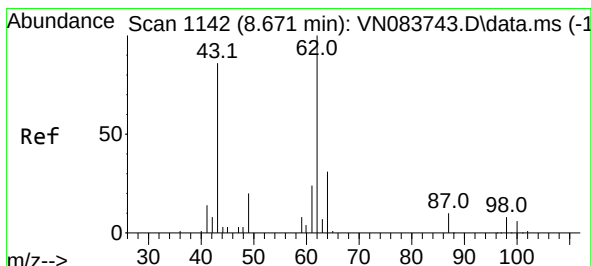
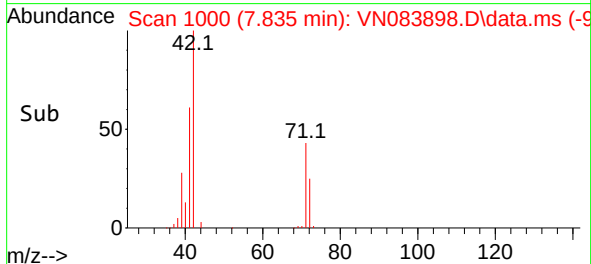
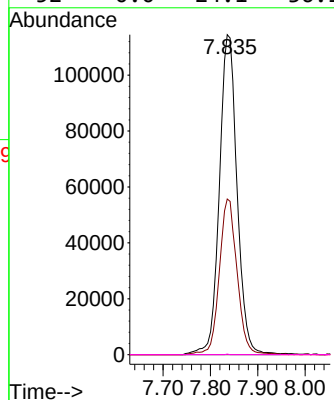
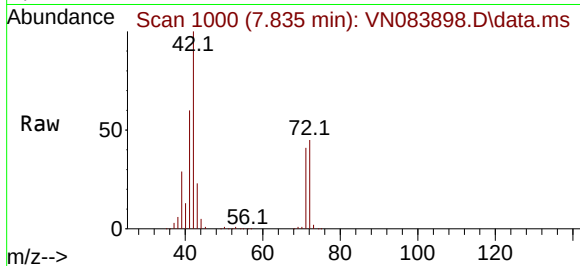




#41
Methacrylonitrile
Concen: 197.198 ug/l
RT: 7.835 min Scan# 1100
Delta R.T. 0.059 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

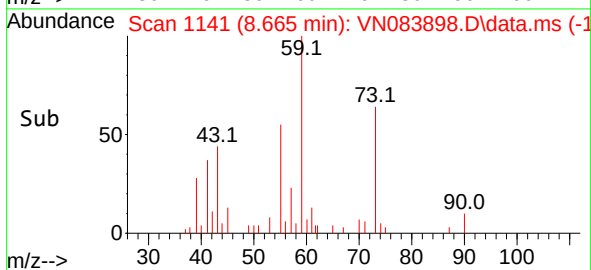
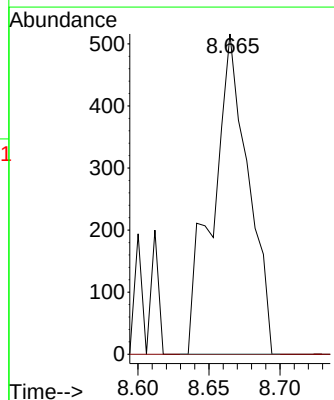
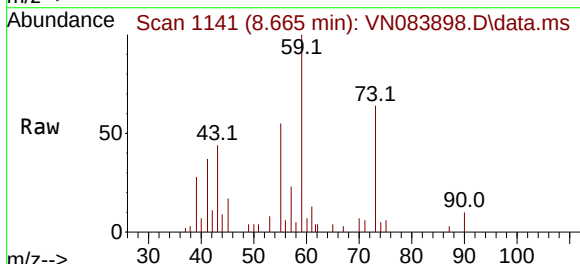
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

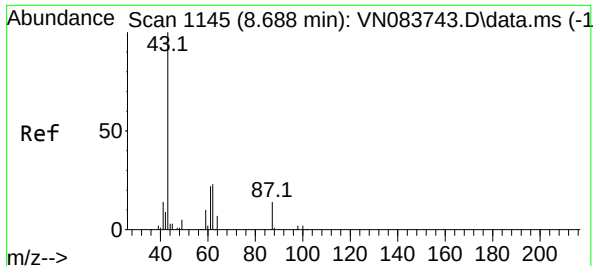
Tgt Ion:	41	Resp:	297154
Ion	Ratio	Lower	Upper
41	100		
39	48.8	45.4	68.2
67	0.0	55.9	83.9#
52	0.0	24.1	36.1#



#42
1,2-Dichloroethane
Concen: 0.284 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion:	62	Resp:	897
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6

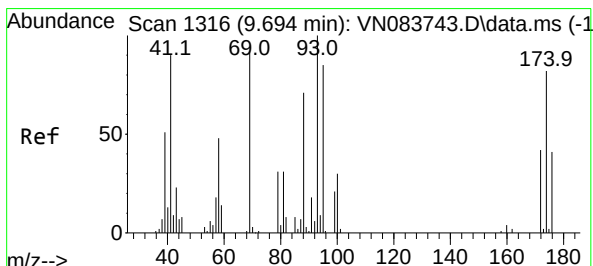
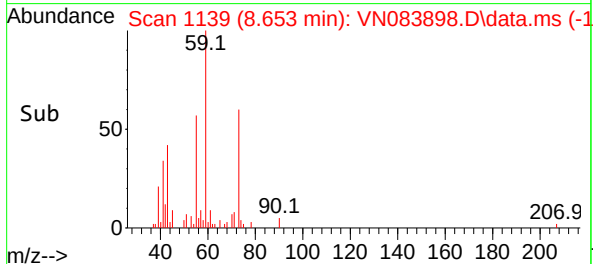
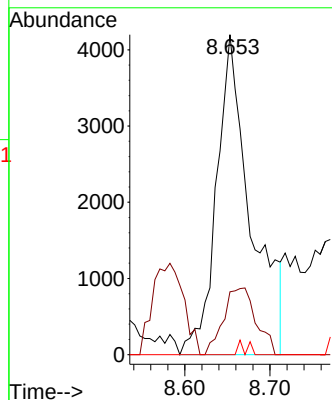
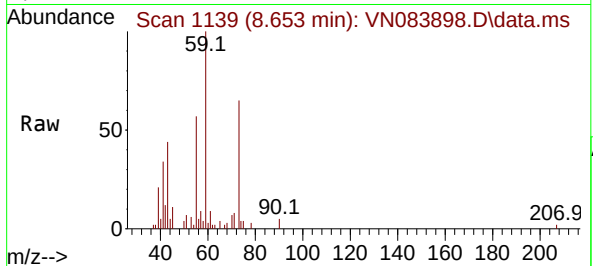




#43
Isopropyl Acetate
Concen: 2.537 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.035 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

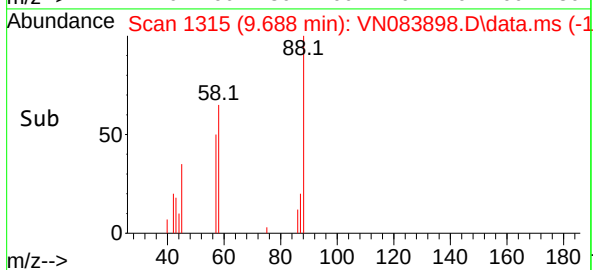
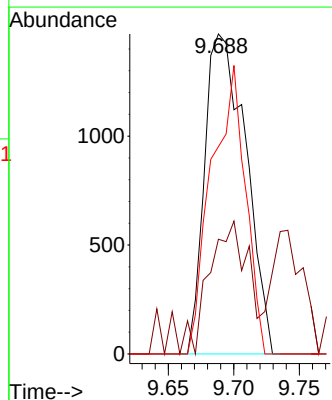
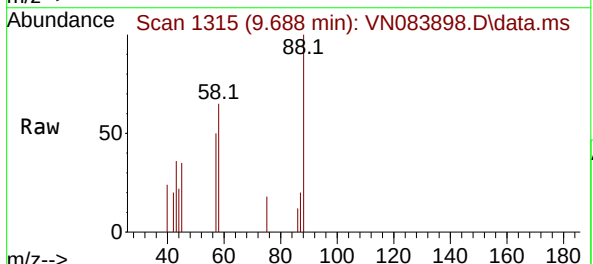
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

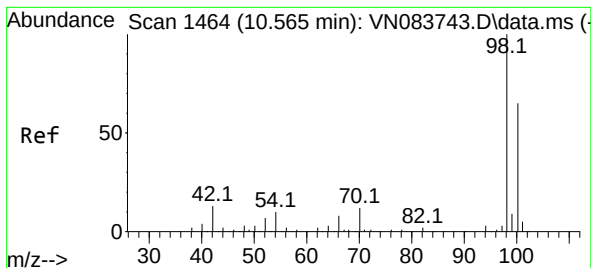
Tgt Ion:	43	Resp:	11713
Ion	Ratio	Lower	Upper
43	100		
61	19.9	19.4	29.0
87	1.1	9.8	14.6#



#49
1,4-Dioxane
Concen: 88.833 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion:	88	Resp:	3201
Ion	Ratio	Lower	Upper
88	100		
43	39.2	0.0	0.0#
58	74.3	57.1	85.7

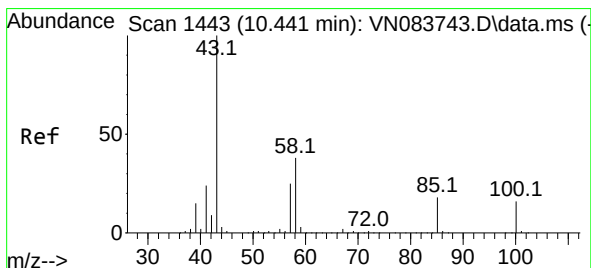
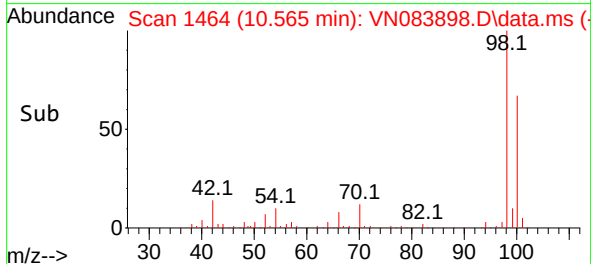
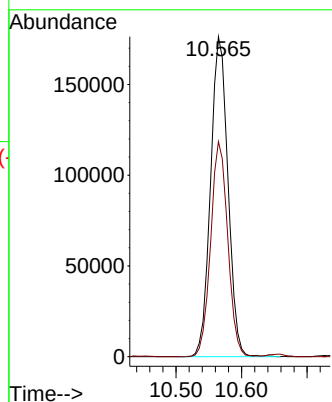
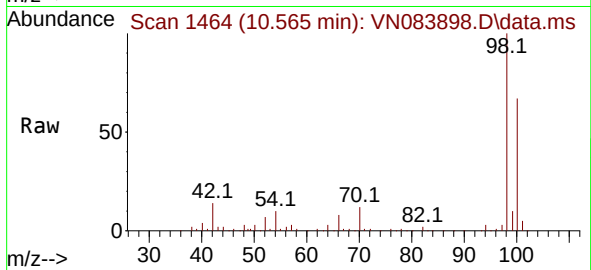




#50
Toluene-d8
Concen: 50.270 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

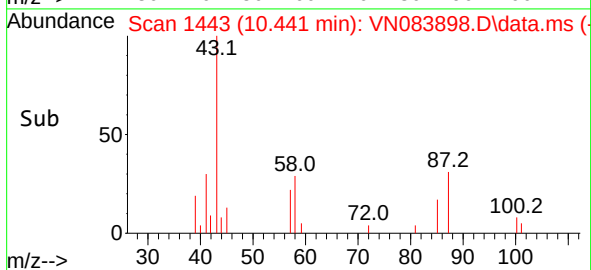
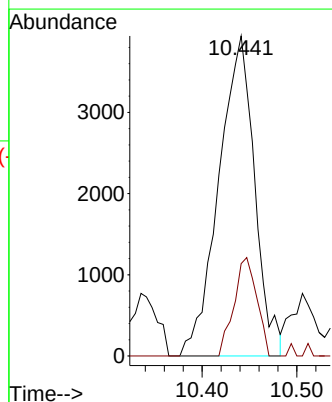
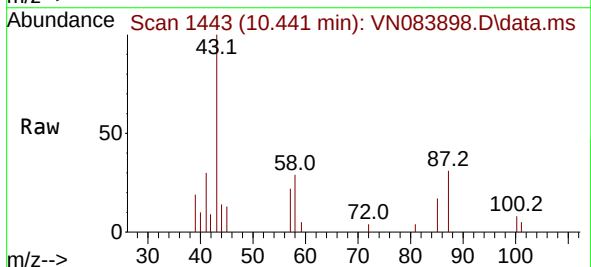
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

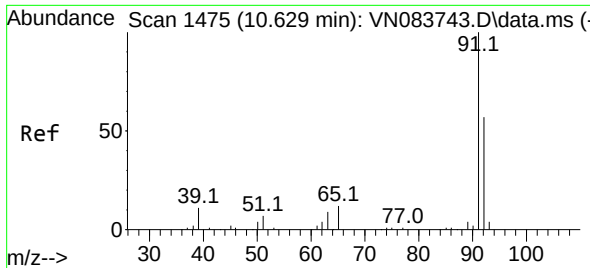
Tgt Ion: 98 Resp: 324079
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 4.124 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion: 43 Resp: 10365
Ion Ratio Lower Upper
43 100
58 19.6 31.6 47.4#

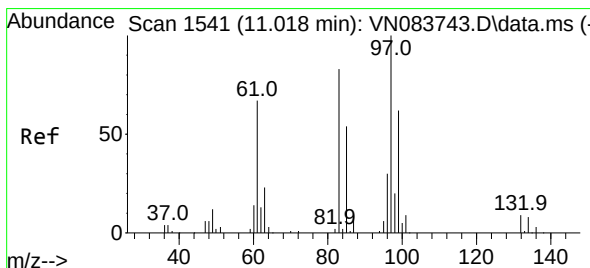
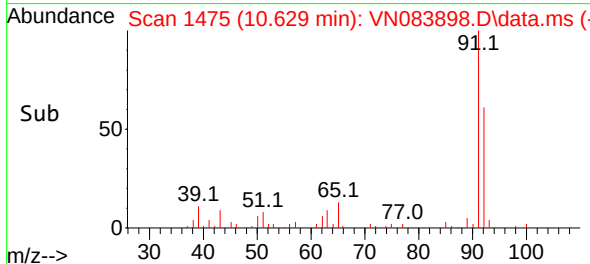
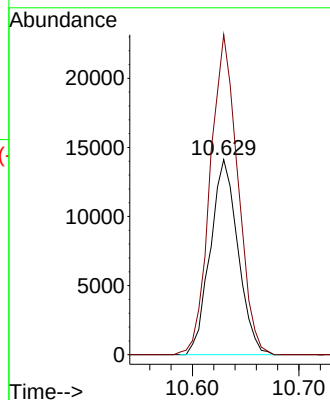
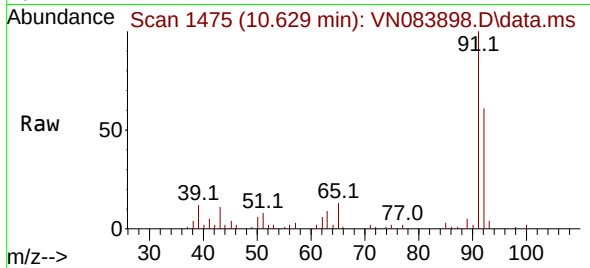




#52
Toluene
Concen: 4.931 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

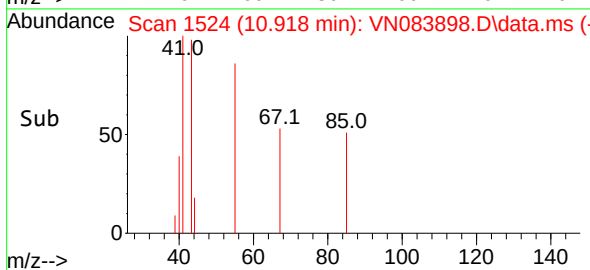
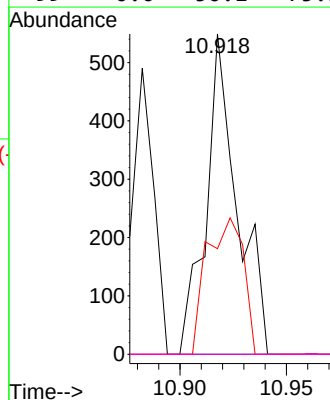
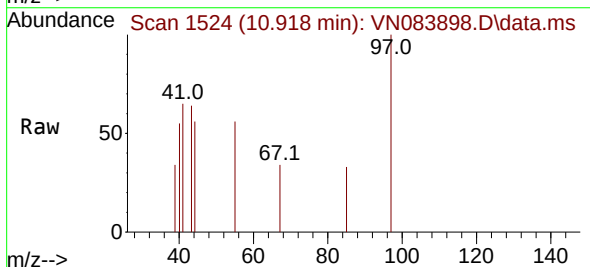
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

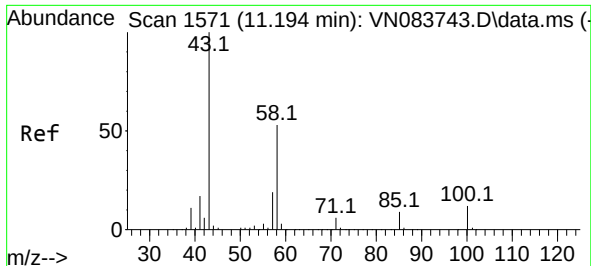
Tgt Ion: 92 Resp: 25479
Ion Ratio Lower Upper
92 100
91 163.3 134.7 202.1



#55
1,1,2-Trichloroethane
Concen: 0.290 ug/l
RT: 10.918 min Scan# 1524
Delta R.T. -0.100 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion: 97 Resp: 560
Ion Ratio Lower Upper
97 100
83 0.0 67.5 101.3#
85 33.0 44.2 66.2#
99 0.0 50.1 75.1#

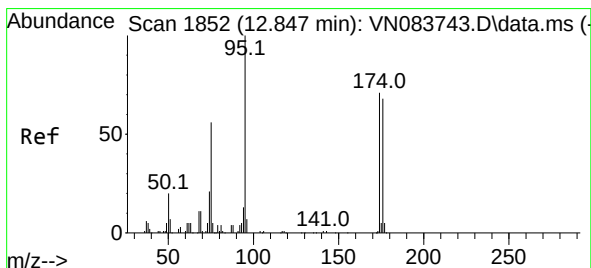
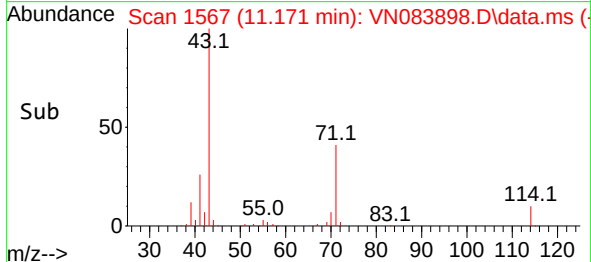
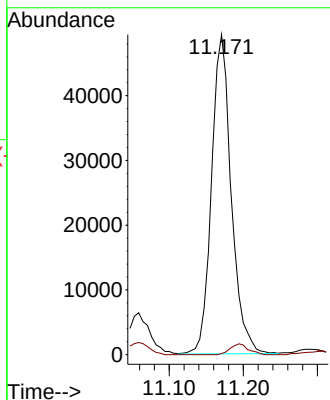
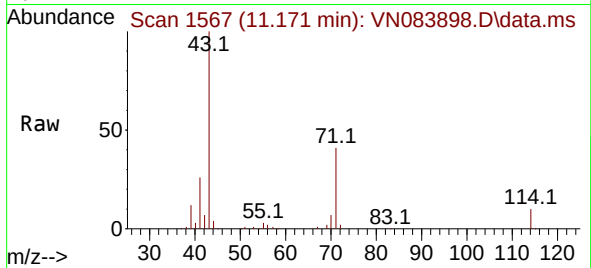




#59
2-Hexanone
Concen: 49.145 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

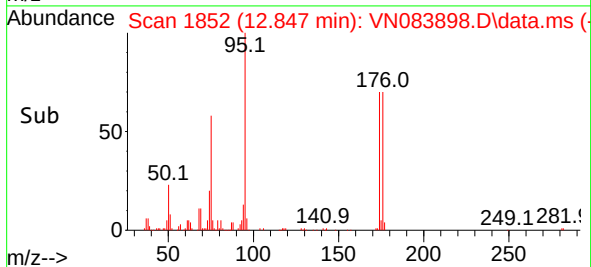
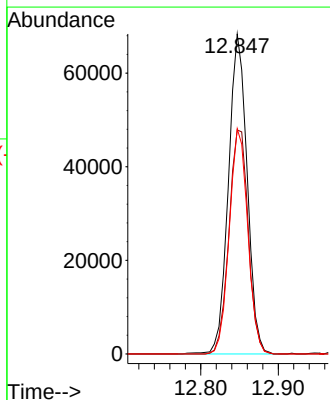
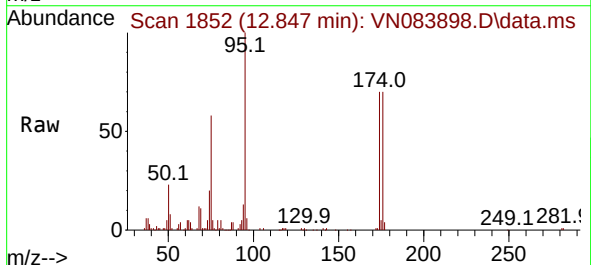
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

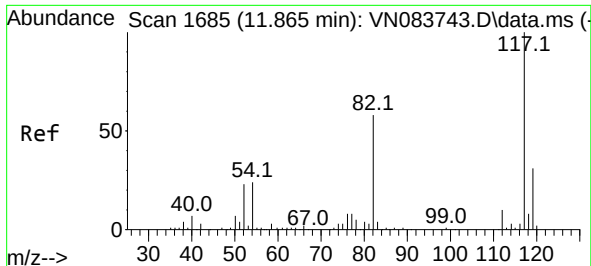
Tgt Ion: 43 Resp: 91365
Ion Ratio Lower Upper
43 100
58 0.0 27.2 81.5#



#62
4-Bromofluorobenzene
Concen: 43.158 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion: 95 Resp: 114792
Ion Ratio Lower Upper
95 100
174 72.4 0.0 139.8
176 69.5 0.0 131.4

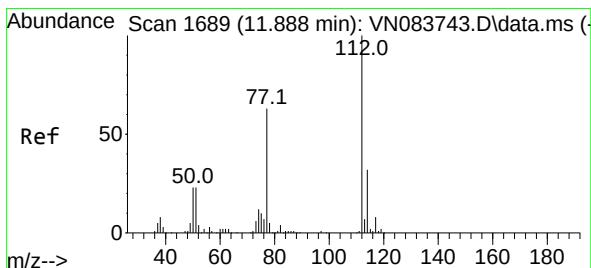
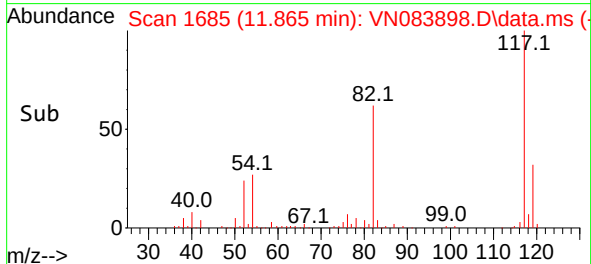
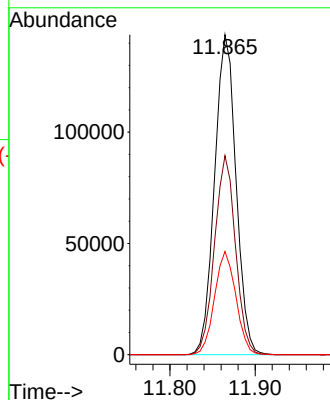
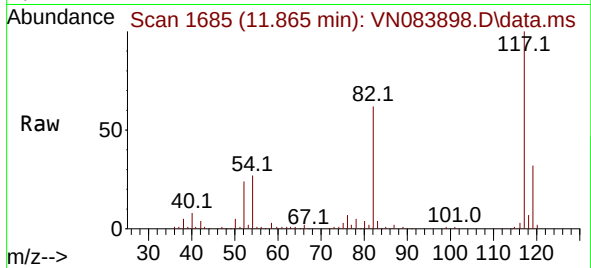




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

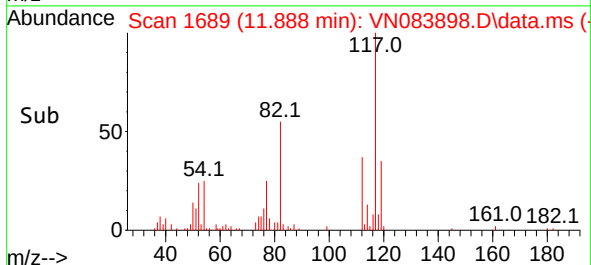
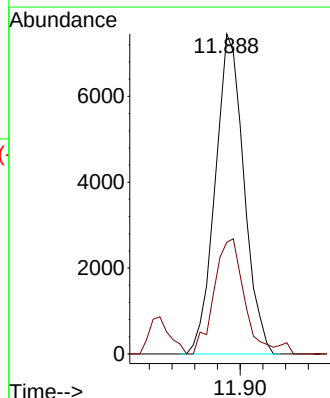
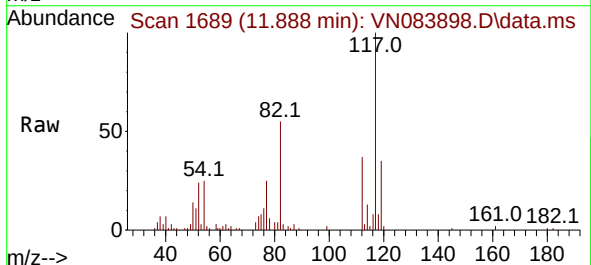
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

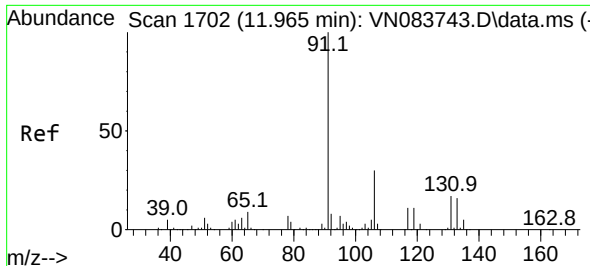
Tgt Ion:117 Resp: 251712
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.0
119 32.2 26.3 39.5



#65
Chlorobenzene
Concen: 2.341 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion:112 Resp: 13097
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

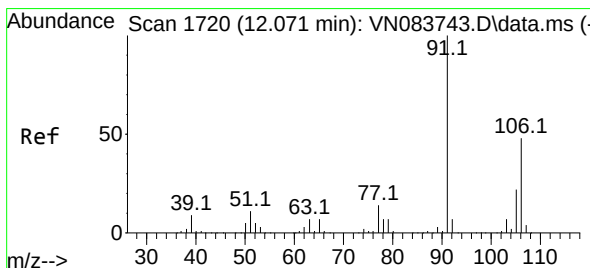
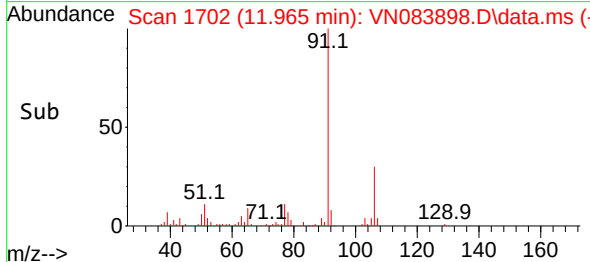
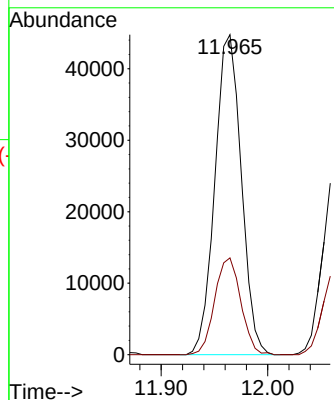
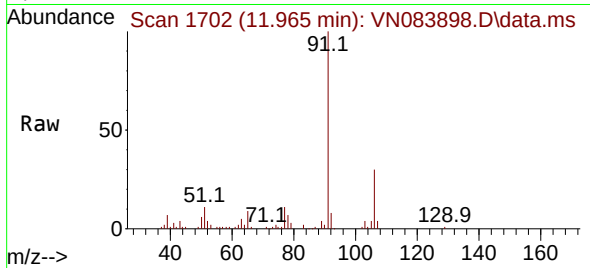




#67
Ethyl Benzene
Concen: 7.747 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

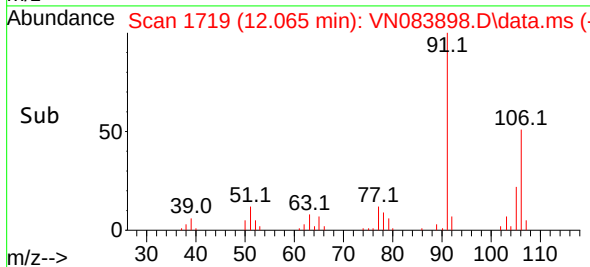
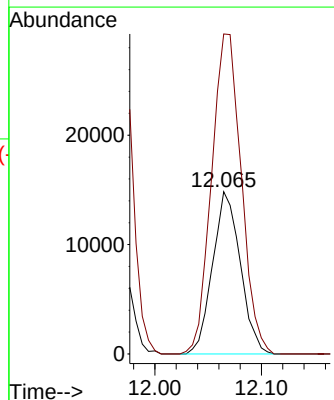
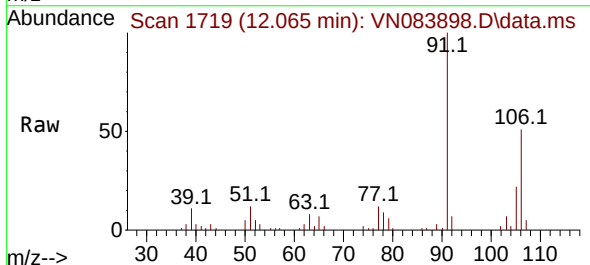
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

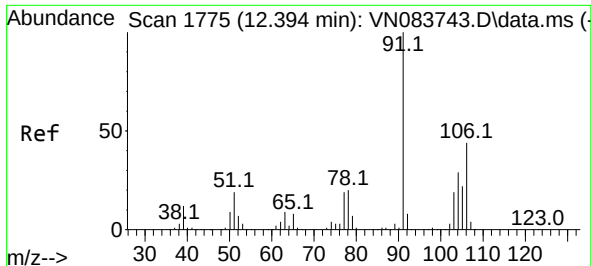
Tgt Ion: 91 Resp: 76992
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5



#68
m/p-Xylenes
Concen: 7.257 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion:106 Resp: 26775
Ion Ratio Lower Upper
106 100
91 211.5 169.2 253.8

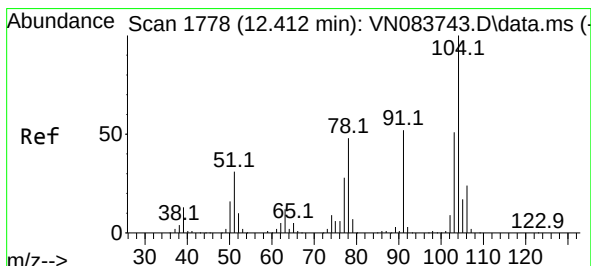
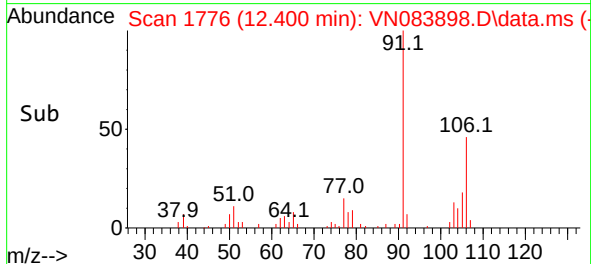
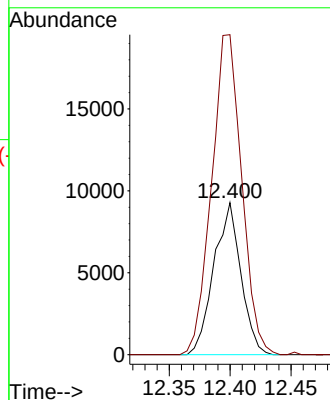
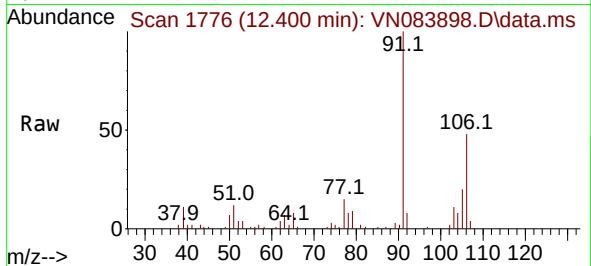




#69
o-Xylene
Concen: 4.006 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

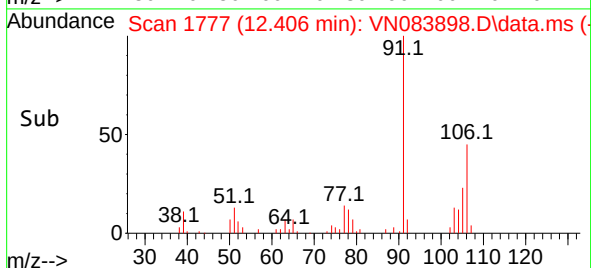
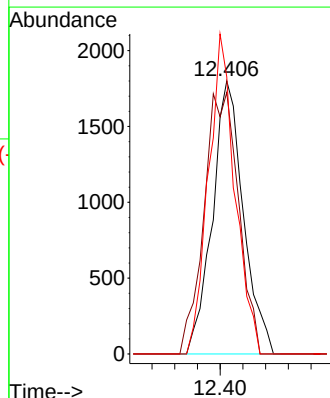
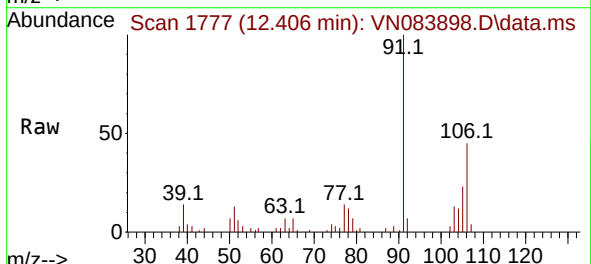
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

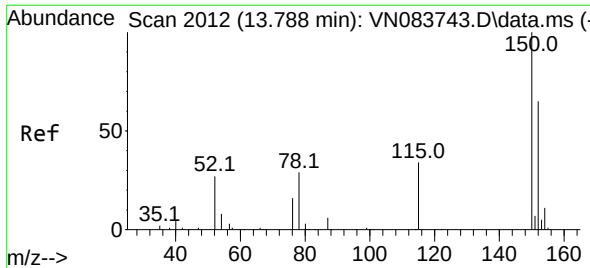
Tgt Ion:106 Resp: 14310
Ion Ratio Lower Upper
106 100
91 234.5 112.9 338.6



#70
Styrene
Concen: 0.581 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion:104 Resp: 3408
Ion Ratio Lower Upper
104 100
78 106.9 43.3 64.9#
103 100.6 43.4 65.2#

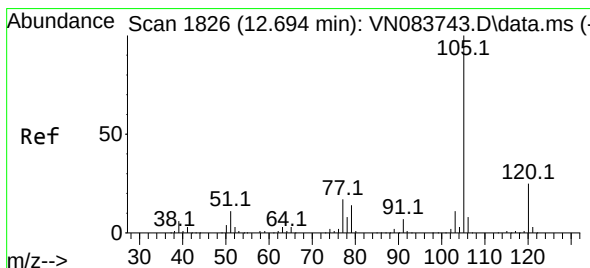
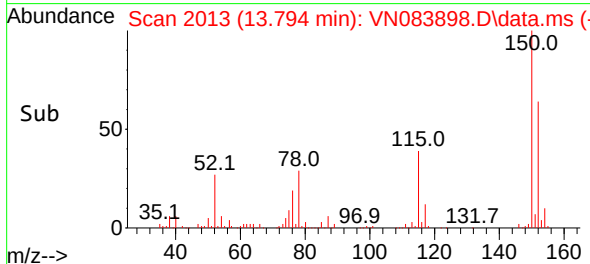
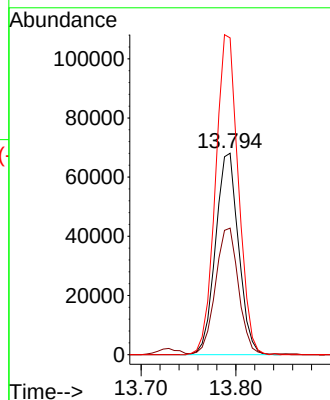
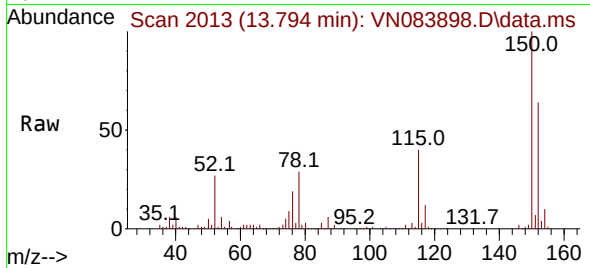




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

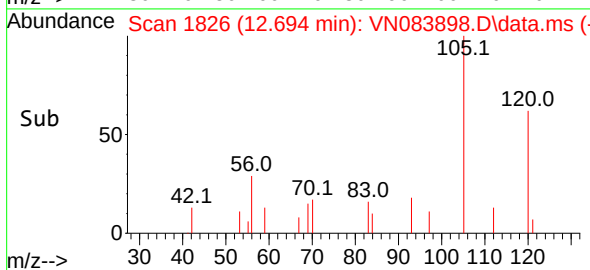
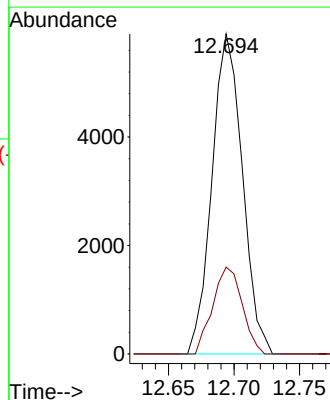
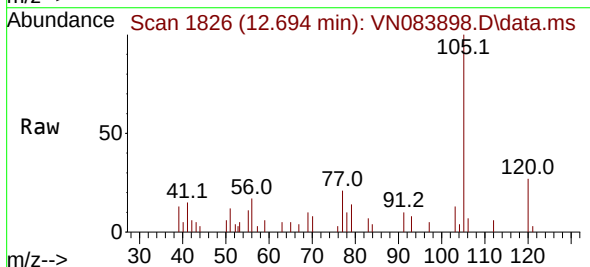
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

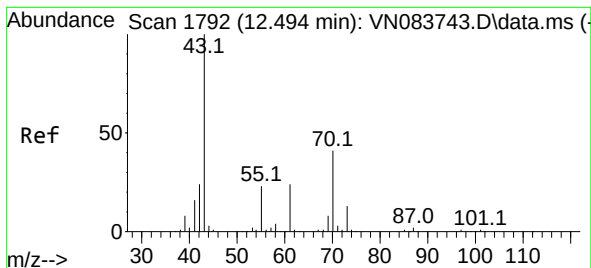
Tgt Ion:152 Resp: 114883
Ion Ratio Lower Upper
152 100
115 62.6 32.2 96.6
150 157.6 0.0 348.6



#73
Isopropylbenzene
Concen: 1.071 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion:105 Resp: 9516
Ion Ratio Lower Upper
105 100
120 26.3 12.6 37.8





#74

N-amy1 acetate

Concen: 1.616 ug/l

RT: 12.453 min Scan# 1

Delta R.T. -0.041 min

Lab File: VN083898.D

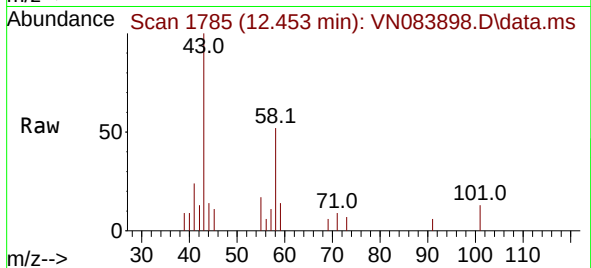
Acq: 14 Sep 2024 18:20

Instrument :

MSVOA_N

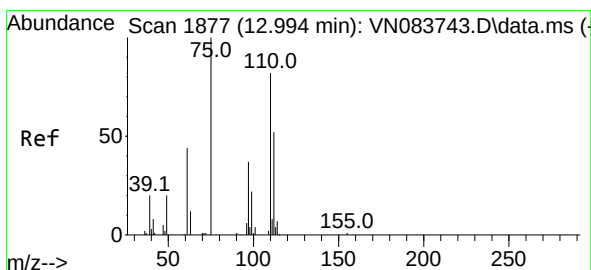
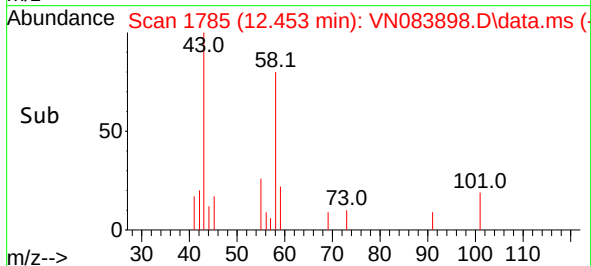
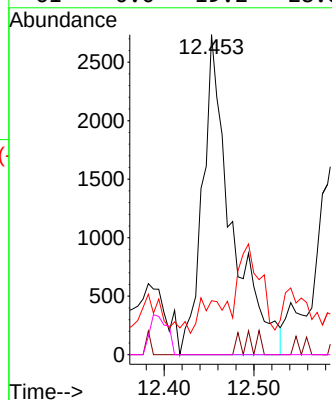
ClientSampleId :

VOA-240911078-02



Tgt Ion: 43 Resp: 6129

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.5	51.7#
55	8.8	18.6	28.0#
61	0.0	19.2	28.8#



#76

1,2,3-Trichloropropane

Concen: 29.126 ug/l

RT: 12.847 min Scan# 1852

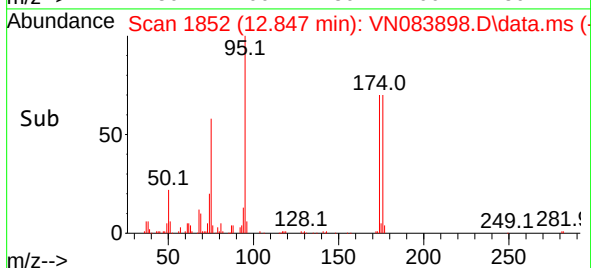
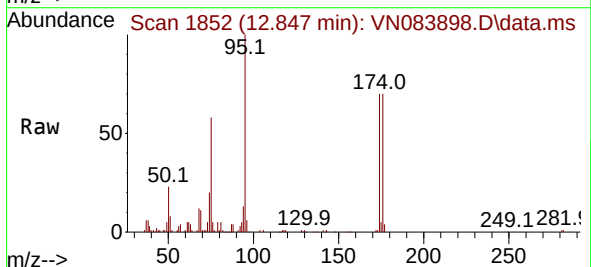
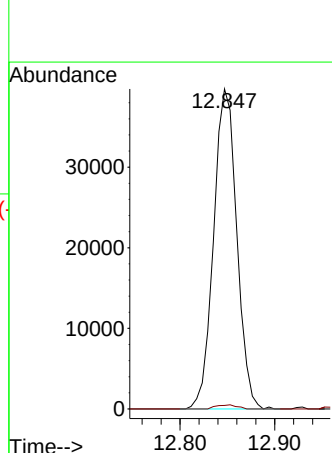
Delta R.T. -0.147 min

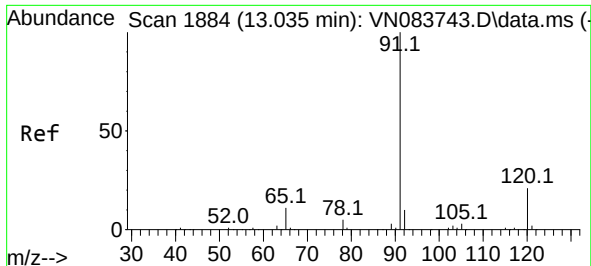
Lab File: VN083898.D

Acq: 14 Sep 2024 18:20

Tgt Ion: 75 Resp: 67518

Ion	Ratio	Lower	Upper
75	100		
77	1.2	95.2	285.6#

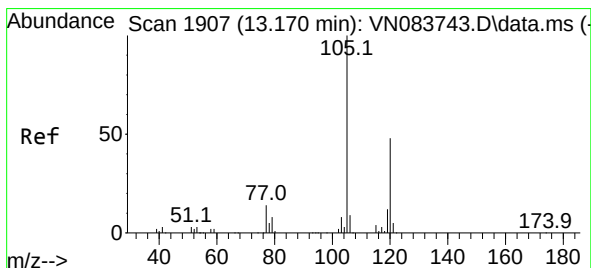
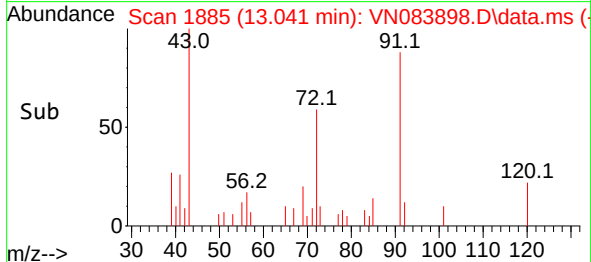
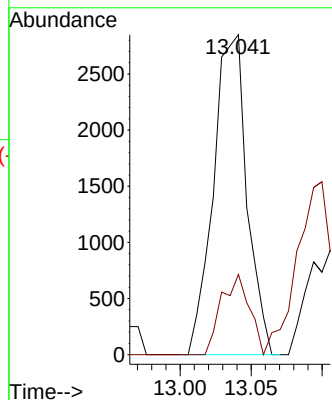
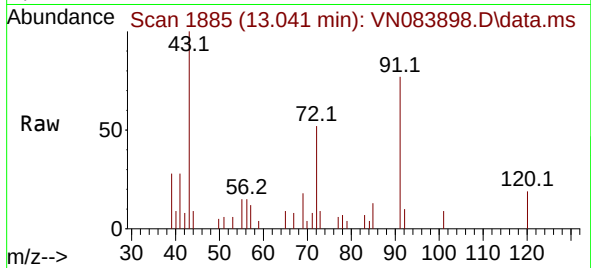




#78
n-propylbenzene
Concen: 0.453 ug/l
RT: 13.041 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

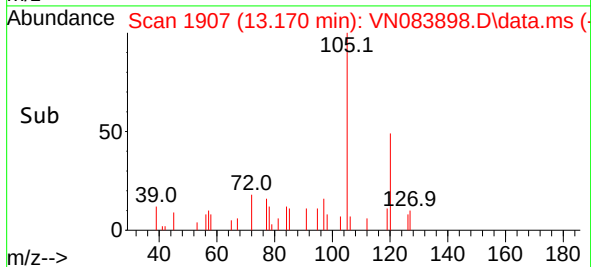
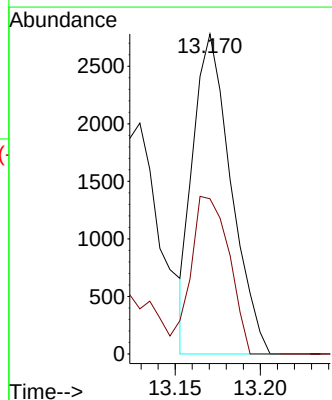
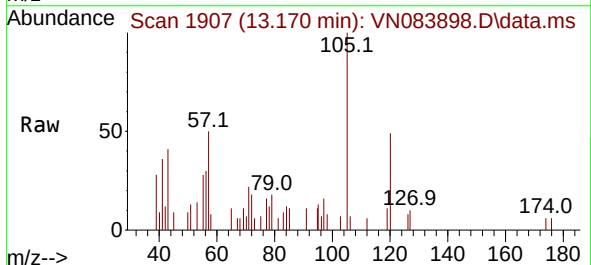
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

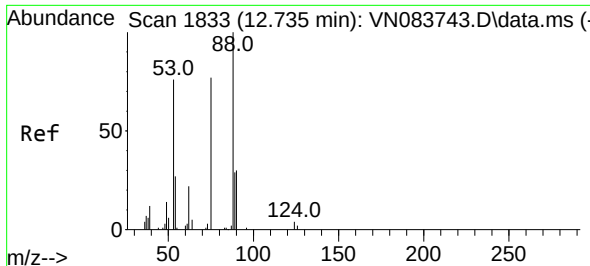
Tgt Ion: 91 Resp: 4685
Ion Ratio Lower Upper
91 100
120 20.9 11.0 33.0



#80
1,3,5-Trimethylbenzene
Concen: 0.572 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion: 105 Resp: 4285
Ion Ratio Lower Upper
105 100
120 49.9 23.4 70.3

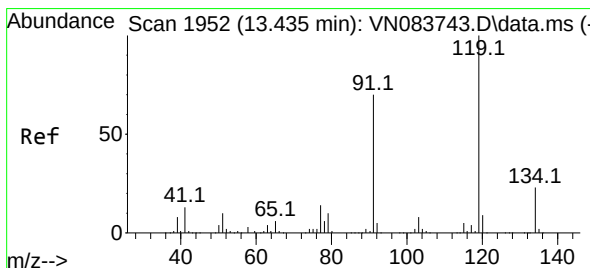
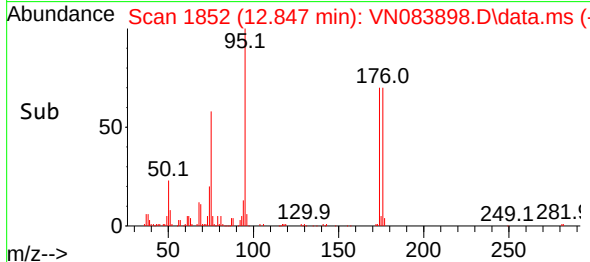
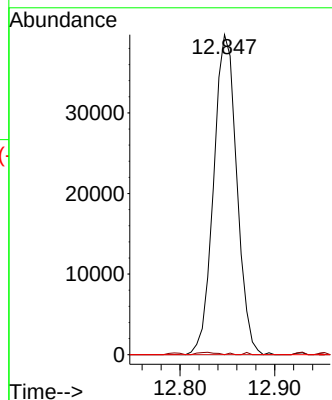
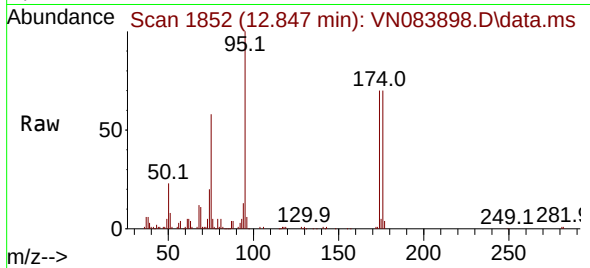




#81
trans-1,4-Dichloro-2-butene
Concen: 76.284 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

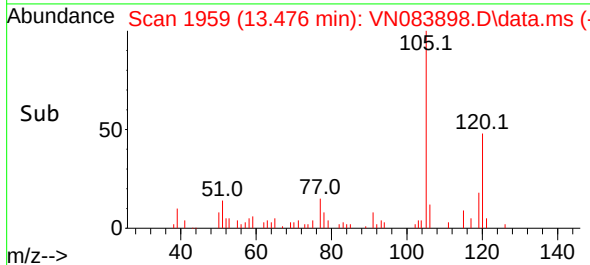
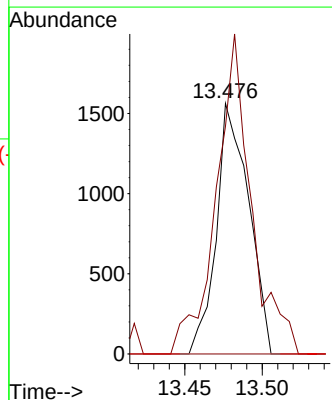
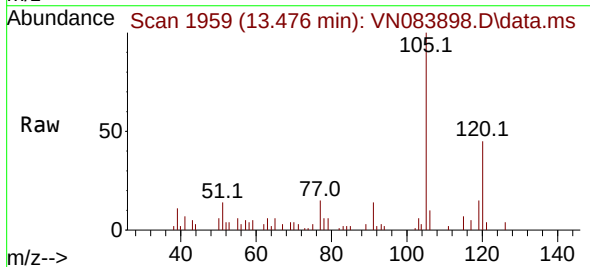
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

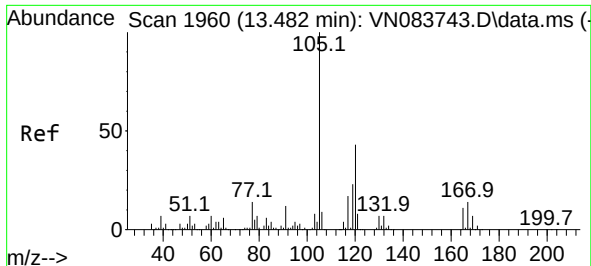
Tgt Ion: 75 Resp: 67518
Ion Ratio Lower Upper
75 100
53 0.6 81.2 121.8#
89 0.0 35.7 53.5#



#83
tert-Butylbenzene
Concen: 0.346 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.041 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion: 119 Resp: 2271
Ion Ratio Lower Upper
119 100
91 138.2 34.5 103.6#
134 0.0 12.8 38.4#

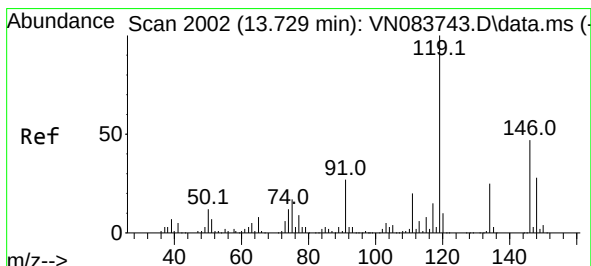
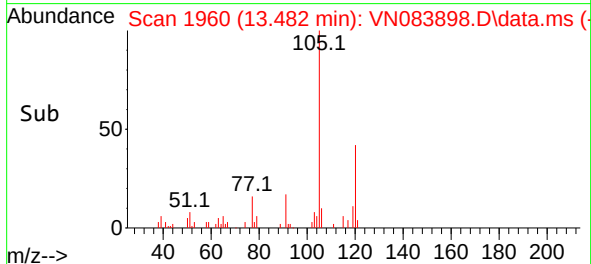
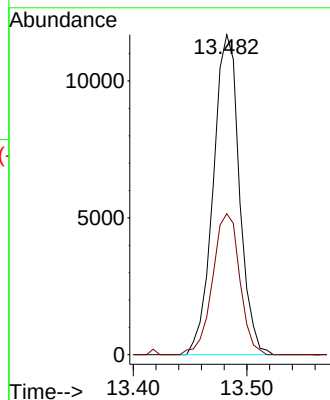
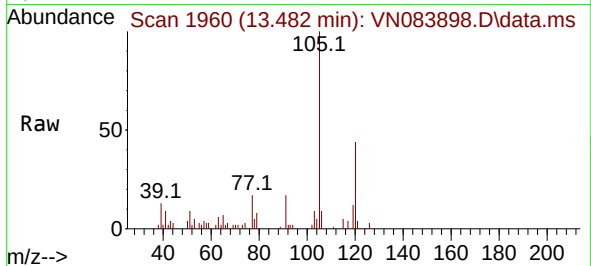




#84
1,2,4-Trimethylbenzene
Concen: 2.489 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

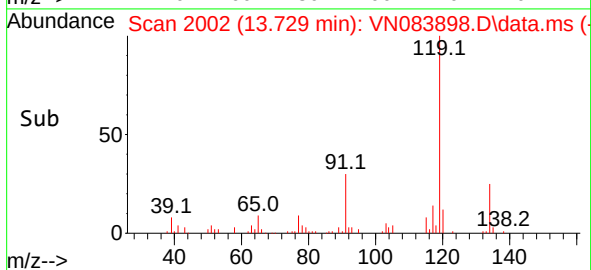
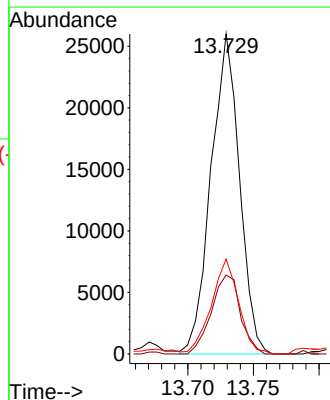
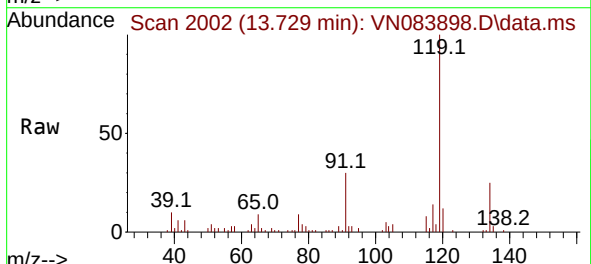
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

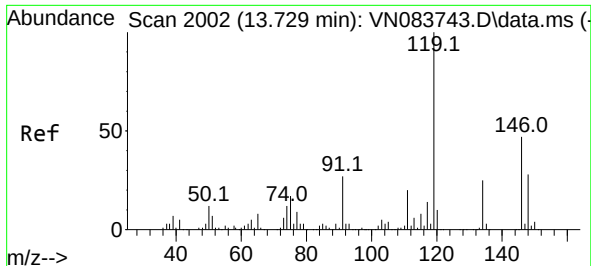
Tgt Ion:105 Resp: 18733
Ion Ratio Lower Upper
105 100
120 45.7 21.8 65.4



#86
p-Isopropyltoluene
Concen: 5.380 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Tgt Ion:119 Resp: 39210
Ion Ratio Lower Upper
119 100
134 25.1 12.8 38.3
91 28.5 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 2.502 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.082 min

Lab File: VN083898.D

Acq: 14 Sep 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

VOA-240911078-02

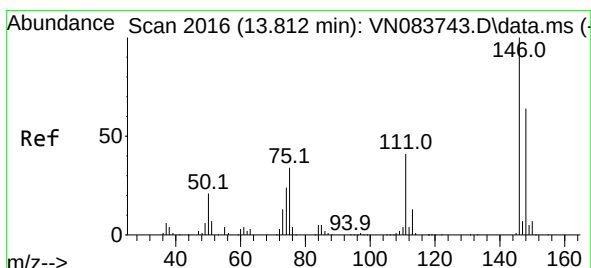
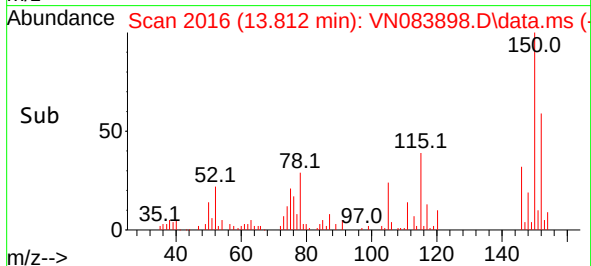
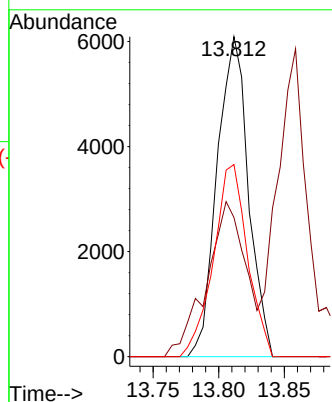
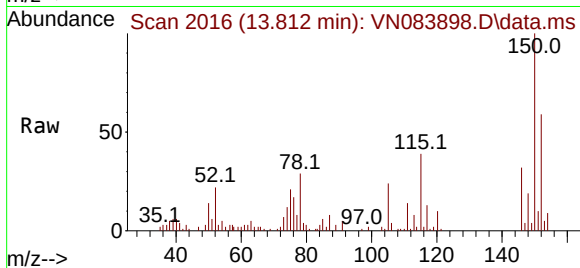
Tgt Ion:146 Resp: 10101

Ion Ratio Lower Upper

146 100

111 60.5 21.7 65.1

148 65.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.471 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN083898.D

Acq: 14 Sep 2024 18:20

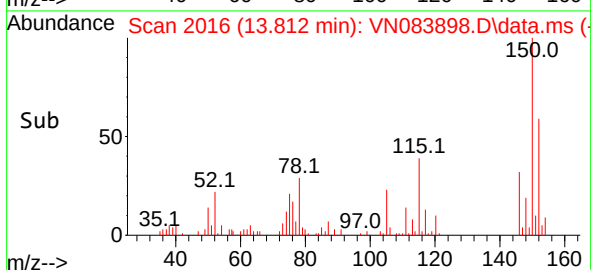
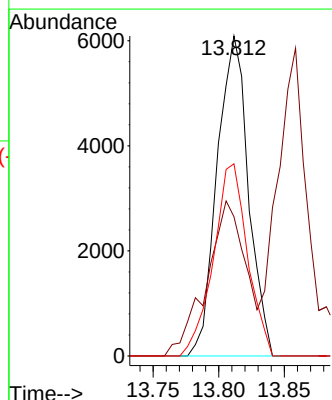
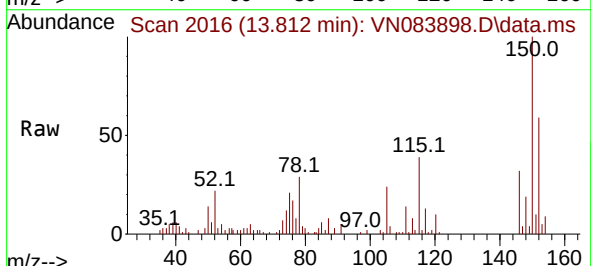
Tgt Ion:146 Resp: 10101

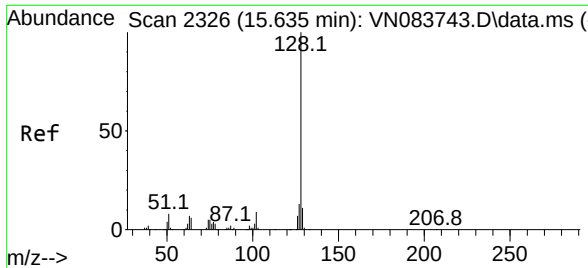
Ion Ratio Lower Upper

146 100

111 60.5 21.3 64.0

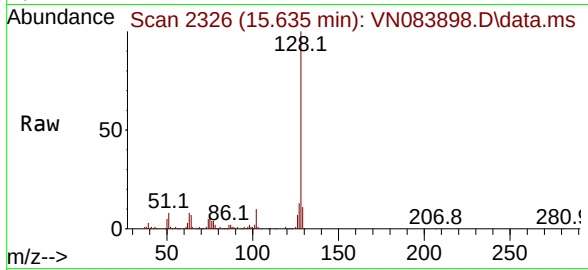
148 65.3 32.0 96.2





#95
Naphthalene
Concen: 23.104 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083898.D
Acq: 14 Sep 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02



Tgt Ion:128 Resp: 146982

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.6	8.7	13.1

