

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083849.D
 Acq On : 13 Sep 2024 03:25
 Operator : JC\MD
 Sample : P3845-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 05:58:48 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	145671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109784	49.981	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.960%
35) Dibromofluoromethane	8.159	113	77597	46.560	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.120%
50) Toluene-d8	10.565	98	282714	49.069	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.847	95	110386	46.438	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.880%

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	1328	Below Cal		98
4) Vinyl Chloride	2.512	62	64154	34.597	ug/l	96
5) Bromomethane	2.901	94	48544	45.596	ug/l	94
11) Tert butyl alcohol	5.783	59	9920	33.726	ug/l #	1
13) Acrolein	4.189	56	333	1.147	ug/l #	54
15) Acrylonitrile	5.789	53	4481	5.602	ug/l #	14
16) Acetone	4.430	43	35741	40.590	ug/l	94
17) Carbon Disulfide	4.694	76	1988	0.451	ug/l #	75
18) Methyl Acetate	5.036	43	2040	Below Cal	#	78
19) Methyl tert-butyl Ether	5.794	73	438139	76.847	ug/l	100
20) Methylene Chloride	5.271	84	924	0.513	ug/l #	86
21) trans-1,2-Dichloroethene	5.783	96	172613	102.226	ug/l	92
25) 2-Butanone	7.483	43	102372	88.456	ug/l	93
27) cis-1,2-Dichloroethene	7.483	96	42856	21.380	ug/l	90
28) Bromochloromethane	7.959	49	6775	4.832	ug/l #	14
30) Chloroform	7.959	83	78690	22.261	ug/l	97
31) Cyclohexane	8.224	56	4207	1.325	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	13676	5.452	ug/l #	50
37) Ethyl Acetate	7.483	43	102372	44.960	ug/l #	29
38) Carbon Tetrachloride	8.224	117	16918	5.945	ug/l #	17
40) Benzene	8.606	78	299234	39.632	ug/l	100
42) 1,2-Dichloroethane	8.671	62	393407	139.444	ug/l	100
43) Isopropyl Acetate	8.653	43	3584	0.869	ug/l #	1
44) Trichloroethene	9.347	130	95893	54.845	ug/l	95
45) 1,2-Dichloropropane	9.624	63	37653	20.634	ug/l	92
46) Dibromomethane	9.706	93	19254	15.064	ug/l	99
47) Bromodichloromethane	9.882	83	255916	92.514	ug/l	98
48) Methyl methacrylate	9.618	41	24404	12.466	ug/l #	37
49) 1,4-Dioxane	9.888	88	234	7.266	ug/l #	14
52) Toluene	10.629	92	443534	96.039	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	277729	99.050	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	301353	102.316	ug/l	97
57) 1,3-Dichloropropane	11.165	76	906	0.306	ug/l #	57
58) 2-Chloroethyl Vinyl ether	10.159	63	693	0.725	ug/l #	64
59) 2-Hexanone	11.182	43	767	0.462	ug/l #	35
60) Dibromochloromethane	11.359	129	58816	30.482	ug/l	100

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 ALS Vial : 37 Sample Multiplier: 1

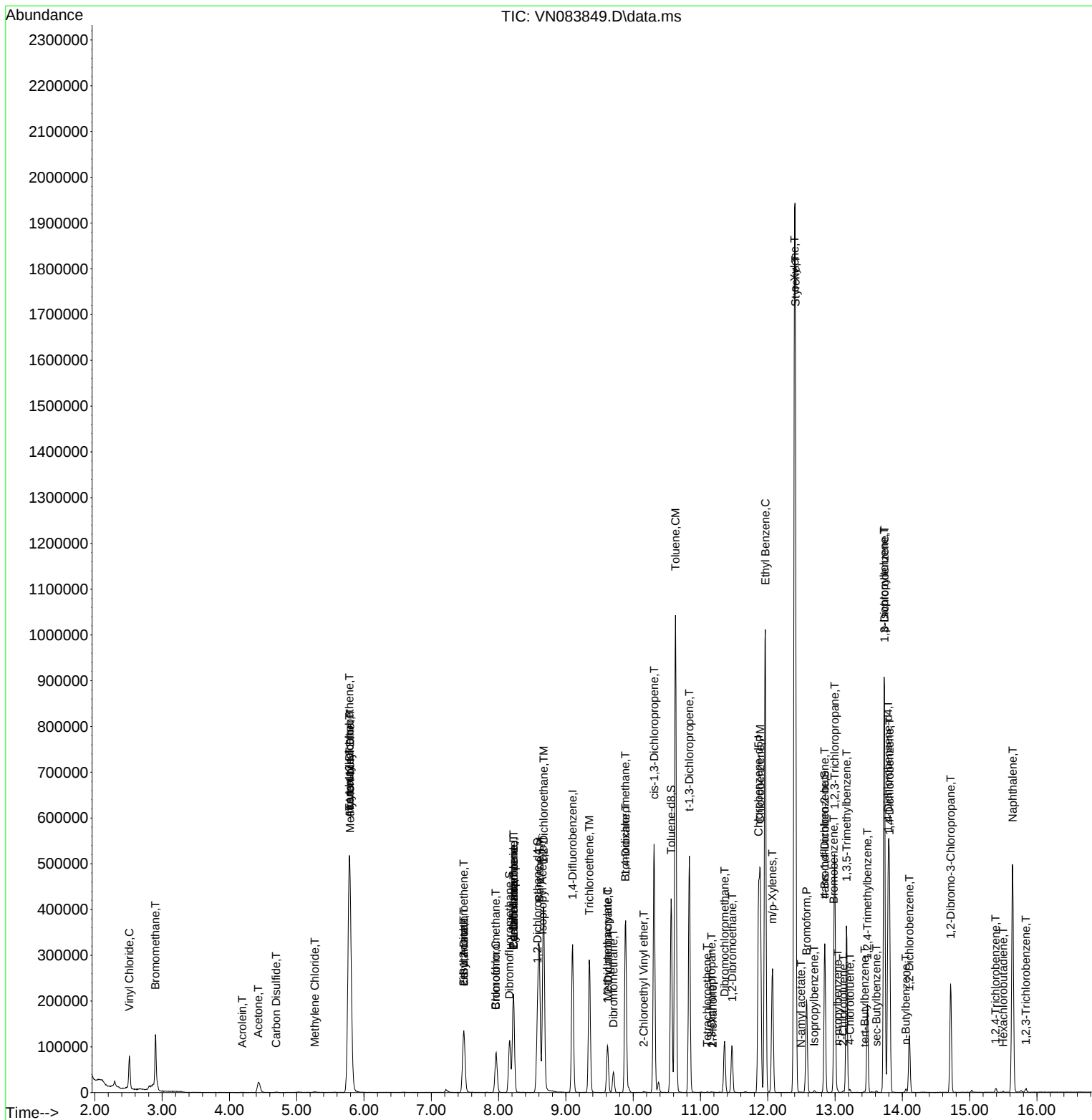
Instrument :
 MSVOA_N
 ClientSampleId :

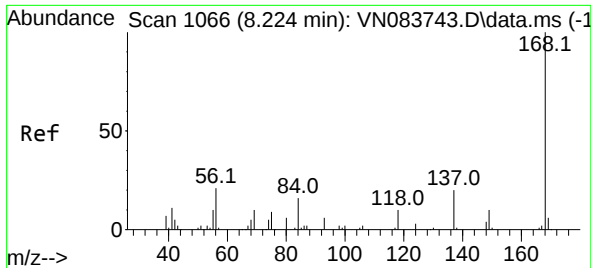
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 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2-Dibromoethane	11.471	107	70288	40.877	ug/l	98
64) Tetrachloroethene	11.100	164	328	0.218	ug/l #	85
65) Chlorobenzene	11.888	112	226653	45.099	ug/l	99
67) Ethyl Benzene	11.965	91	746385	83.603	ug/l	100
68) m/p-Xylenes	12.070	106	85510	25.798	ug/l	100
69) o-Xylene	12.400	106	341069	106.294	ug/l	99
70) Styrene	12.412	104	539346	102.420	ug/l	98
71) Bromoform	12.576	173	89460	76.198	ug/l #	99
73) Isopropylbenzene	12.688	105	3024	0.354	ug/l	97
74) N-amyl acetate	12.494	43	836	0.230	ug/l #	73
76) 1,2,3-Trichloropropane	12.994	75	213477	95.887	ug/l #	1
77) Bromobenzene	12.982	156	996	0.485	ug/l #	1
78) n-propylbenzene	13.041	91	4784	0.482	ug/l #	54
79) 2-Chlorotoluene	13.123	91	2701	0.426	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	198175	27.536	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	62702	73.763	ug/l #	9
82) 4-Chlorotoluene	13.223	91	4345	0.684	ug/l	92
83) tert-Butylbenzene	13.441	119	1471	0.234	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.482	105	103661	14.339	ug/l	99
85) sec-Butylbenzene	13.617	105	3294	0.394	ug/l	88
86) p-Isopropyltoluene	13.729	119	3907	0.558	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	350320	90.339	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	149861	38.166	ug/l	99
89) n-Butylbenzene	14.053	91	4433	0.705	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	49712	13.283	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	60978	121.963	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	2874	1.431	ug/l	97
94) Hexachlorobutadiene	15.500	225	514	0.603	ug/l	87
95) Naphthalene	15.641	128	457351	74.853	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	2823	1.471	ug/l	98

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

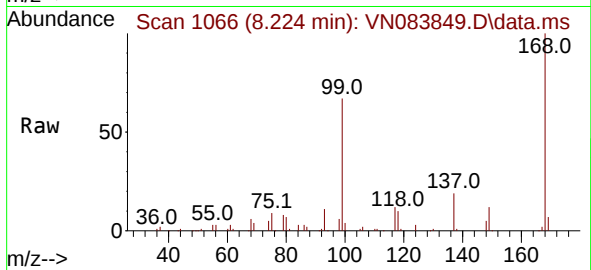
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Quant Title : SW846 8260
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Response via : Initial Calibration



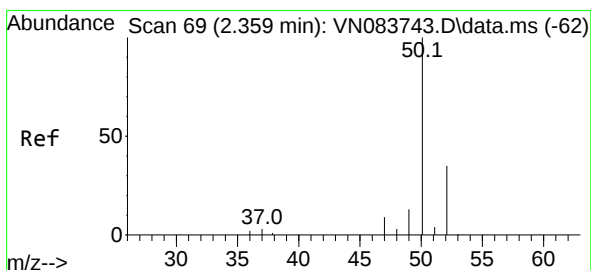
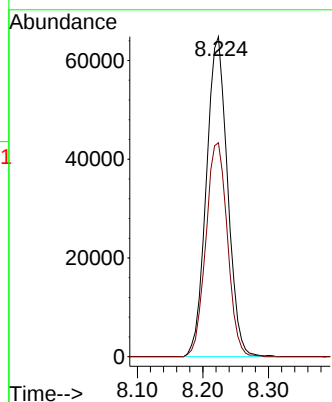
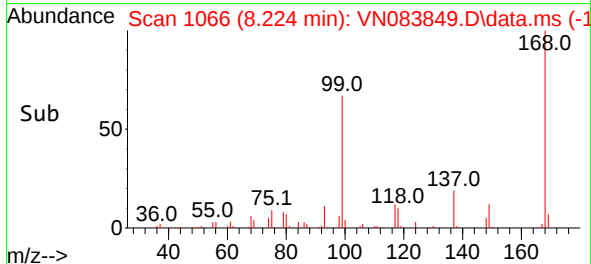


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Instrument :
MSVOA_N
ClientSampleId :

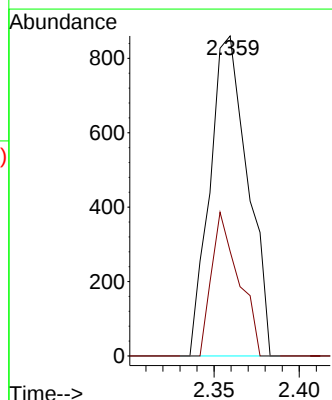
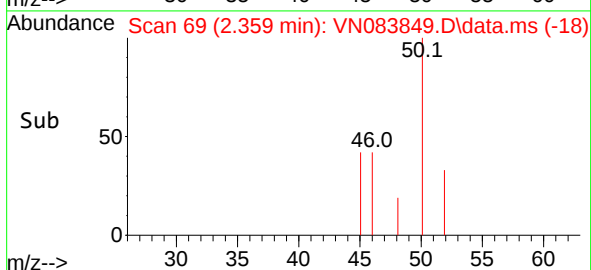
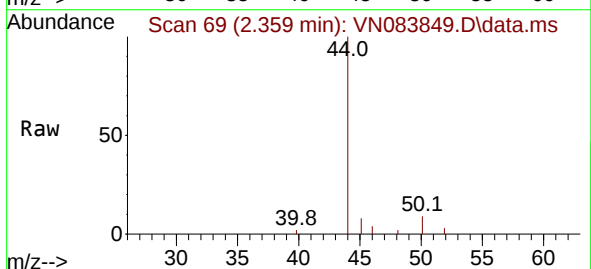


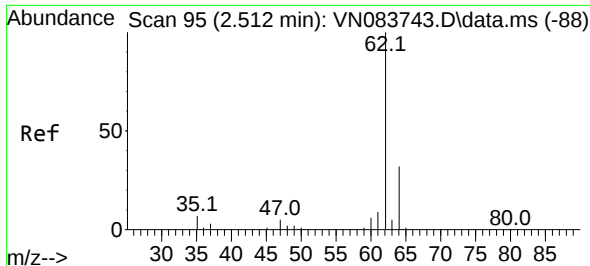
Tgt Ion:168 Resp: 145671
Ion Ratio Lower Upper
168 100
99 66.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

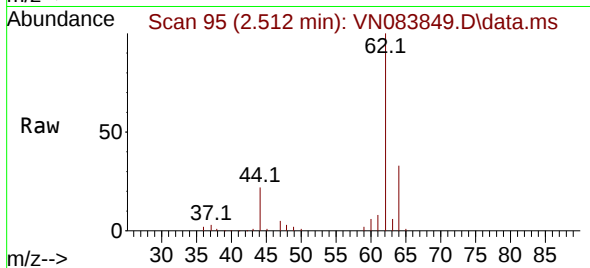
Tgt Ion: 50 Resp: 1328
Ion Ratio Lower Upper
50 100
52 32.7 27.2 40.8



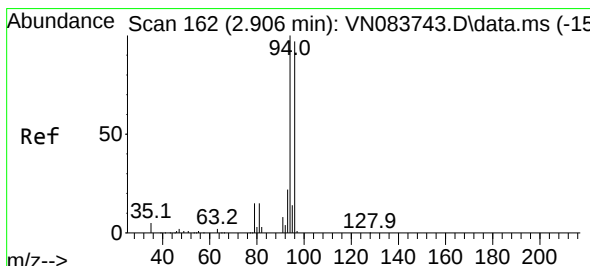
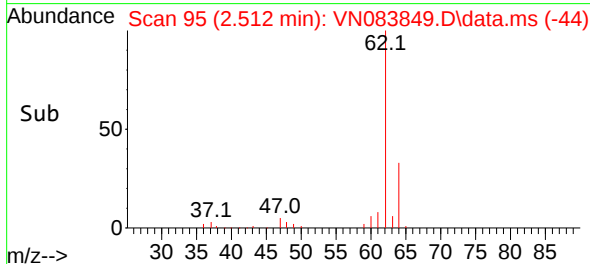
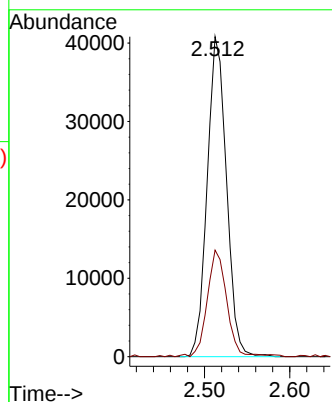


#4
 Vinyl Chloride
 Concen: 34.597 ug/l
 RT: 2.512 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN083849.D
 Acq: 13 Sep 2024 03:25

Instrument :
 MSVOA_N
 ClientSampleId :

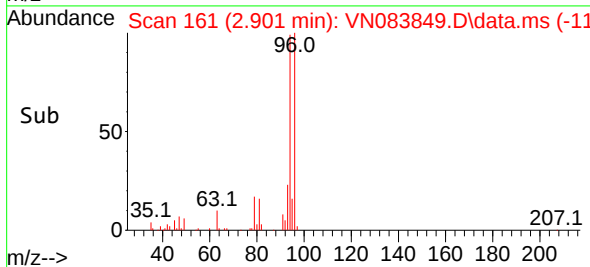
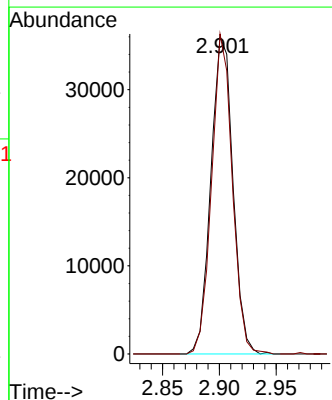
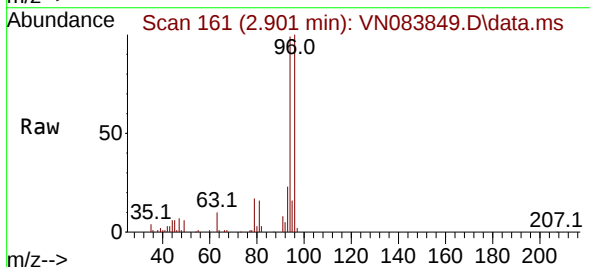


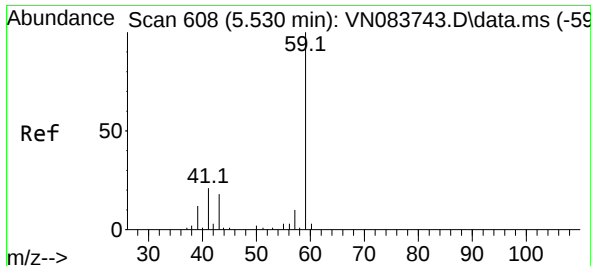
Tgt Ion: 62 Resp: 64154
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.7 37.1



#5
 Bromomethane
 Concen: 45.596 ug/l
 RT: 2.901 min Scan# 161
 Delta R.T. -0.006 min
 Lab File: VN083849.D
 Acq: 13 Sep 2024 03:25

Tgt Ion: 94 Resp: 48544
 Ion Ratio Lower Upper
 94 100
 96 100.9 76.0 114.0

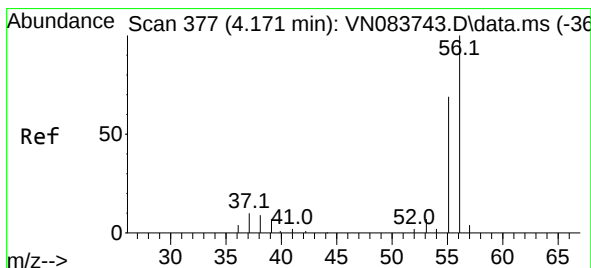
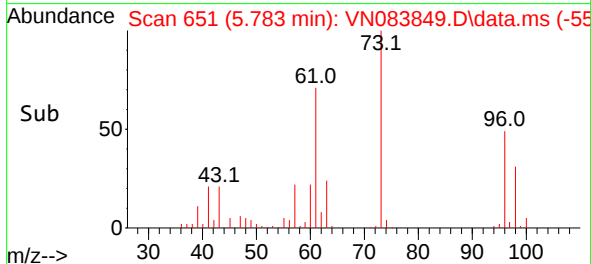
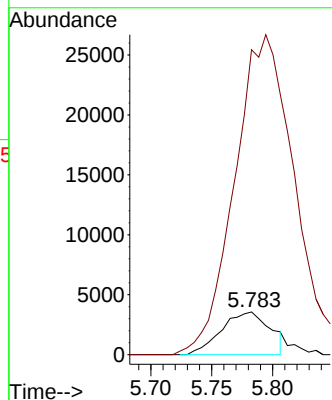
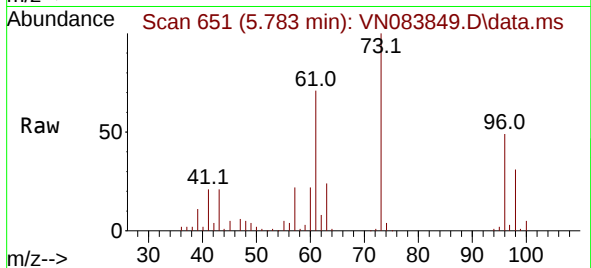




#11
Tert butyl alcohol
Concen: 33.726 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.253 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

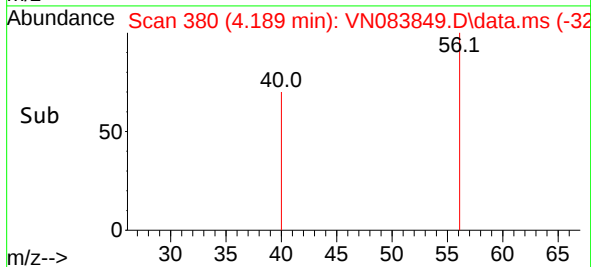
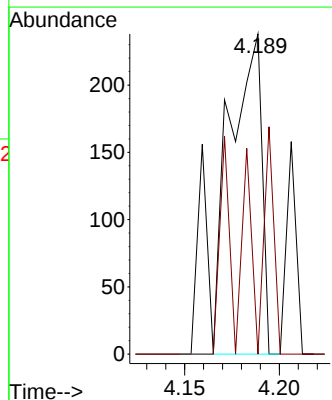
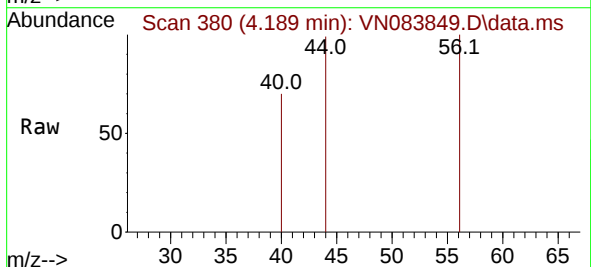
Instrument :
MSVOA_N
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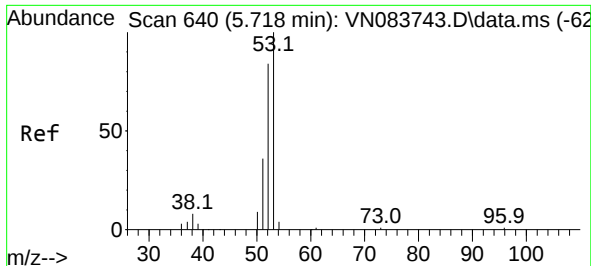
Tgt Ion: 59 Resp: 9920
Ion Ratio Lower Upper
59 100
57 684.5 8.7 13.1#



#13
Acrolein
Concen: 1.147 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.018 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

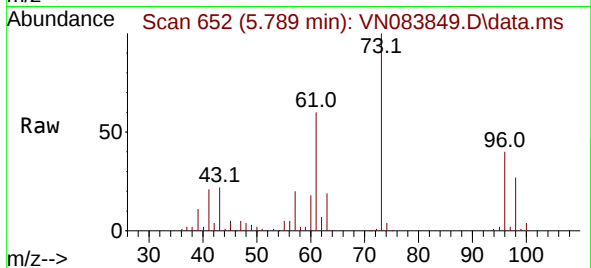
Tgt Ion: 56 Resp: 333
Ion Ratio Lower Upper
56 100
55 34.2 58.2 87.2#



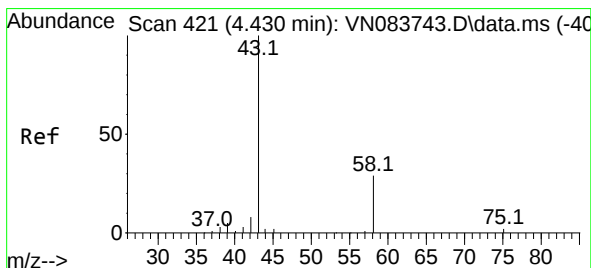
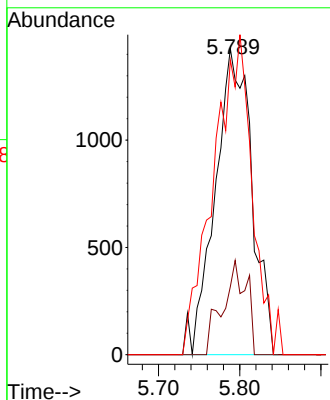
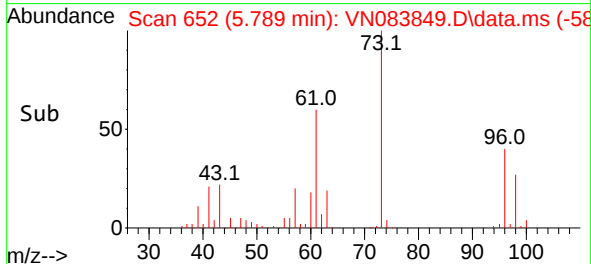


#15
Acrylonitrile
Concen: 5.602 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.071 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Instrument :
MSVOA_N
ClientSampleId :

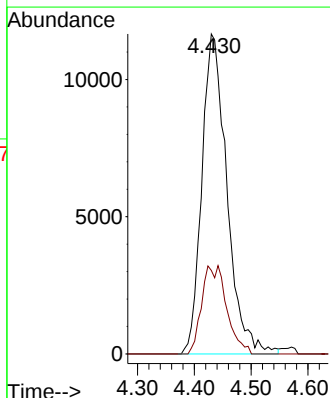
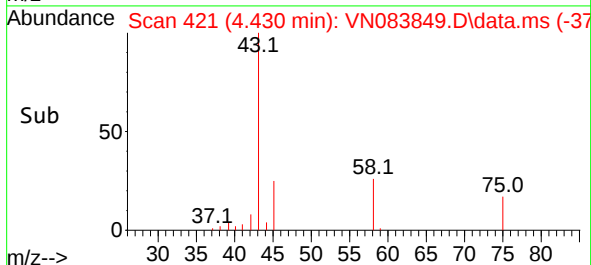
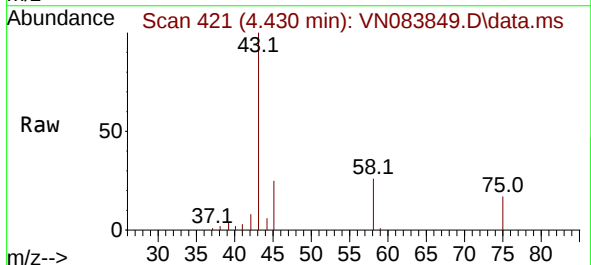


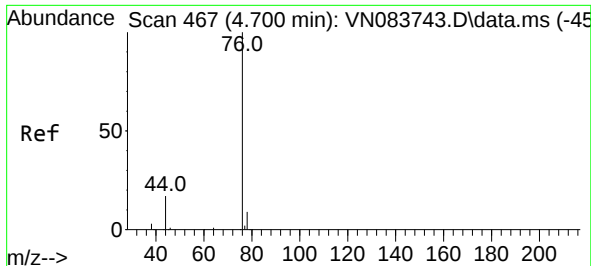
Tgt Ion: 53 Resp: 4481
Ion Ratio Lower Upper
53 100
52 19.8 66.1 99.1#
51 110.1 29.6 44.4#



#16
Acetone
Concen: 40.590 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion: 43 Resp: 35741
Ion Ratio Lower Upper
43 100
58 26.1 23.7 35.5





#17

Carbon Disulfide

Concen: 0.451 ug/l

RT: 4.694 min Scan# 4

Delta R.T. -0.006 min

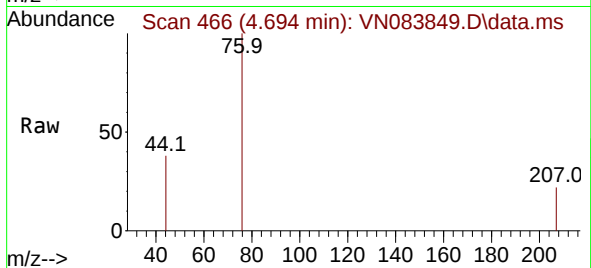
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Instrument :

MSVOA_N

ClientSampleId :

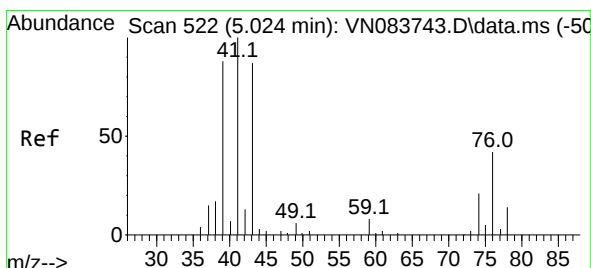
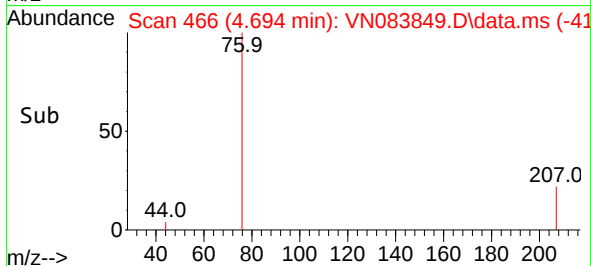
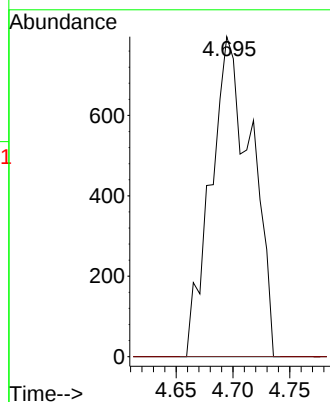


Tgt Ion: 76 Resp: 1988

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.036 min Scan# 524

Delta R.T. 0.012 min

Lab File: VN083849.D

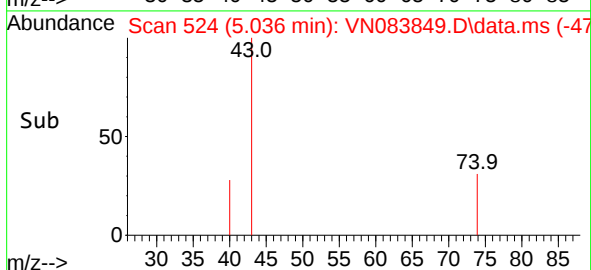
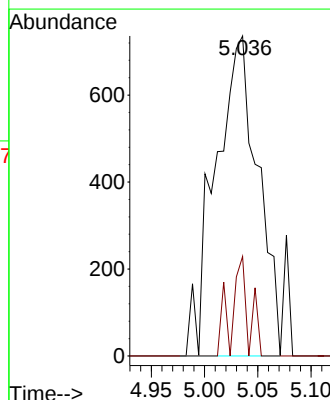
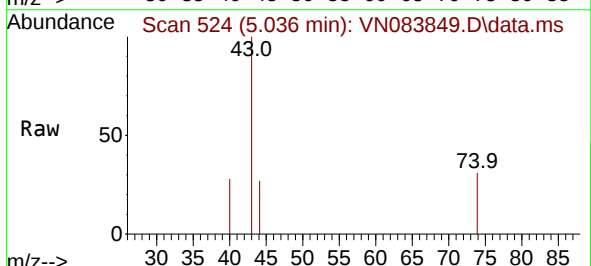
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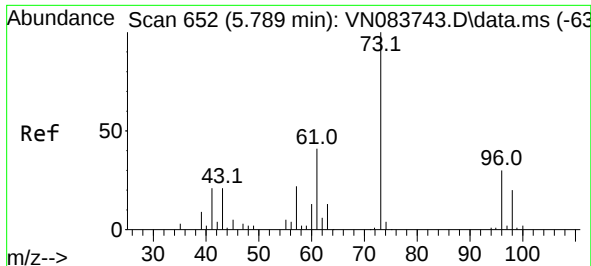
Tgt Ion: 43 Resp: 2040

Ion Ratio Lower Upper

43 100

74 12.7 19.0 28.4#

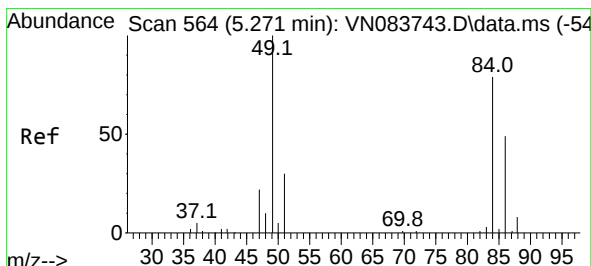
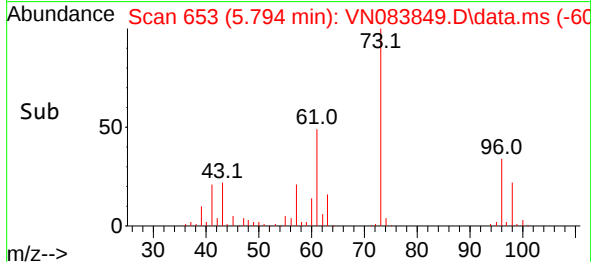
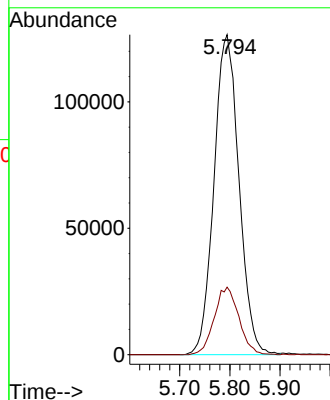
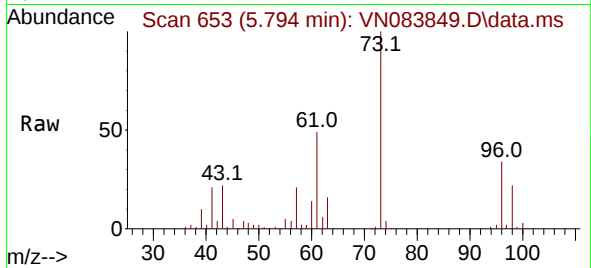




#19
Methyl tert-butyl Ether
Concen: 76.847 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

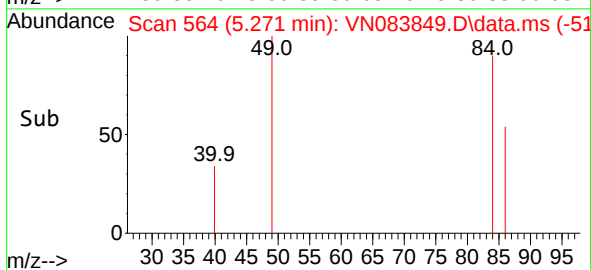
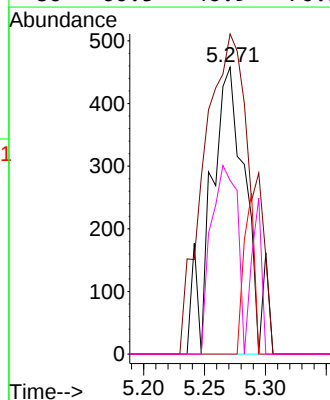
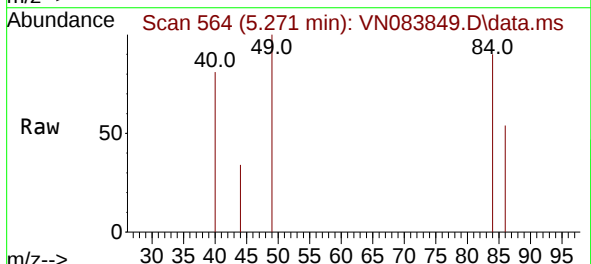
Instrument :
MSVOA_N
ClientSampleId :

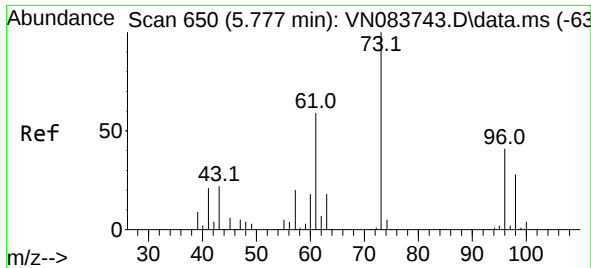
Tgt Ion: 73 Resp: 438139
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.6



#20
Methylene Chloride
Concen: 0.513 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

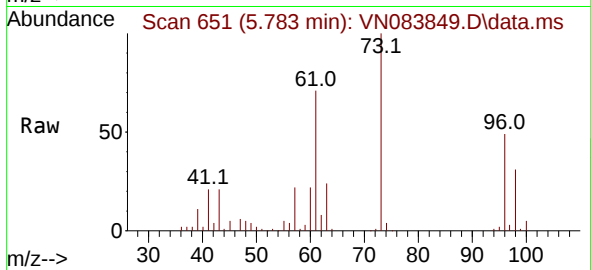
Tgt Ion: 84 Resp: 924
Ion Ratio Lower Upper
84 100
49 111.6 93.4 140.0
51 0.0 29.2 43.8#
86 60.5 46.9 70.3



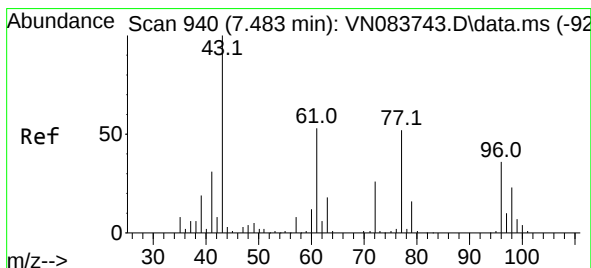
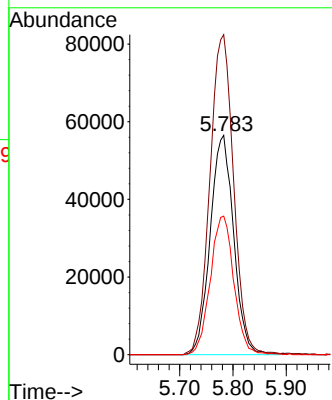
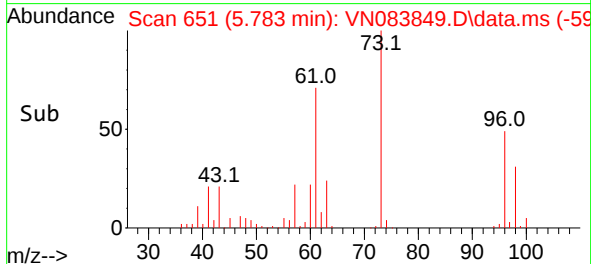


#21
trans-1,2-Dichloroethene
Concen: 102.226 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Instrument :
MSVOA_N
ClientSampleId :

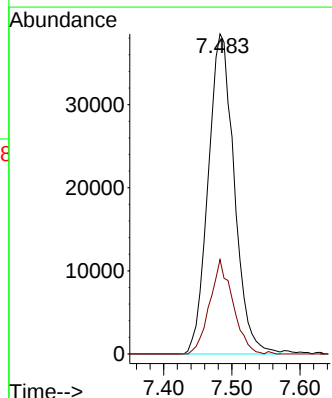
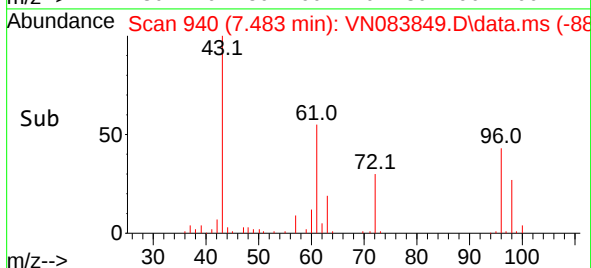
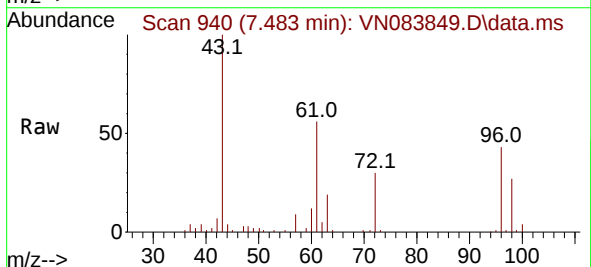


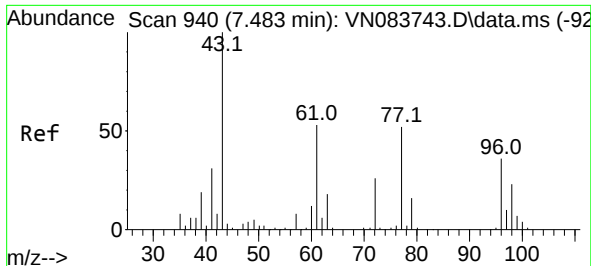
Tgt Ion: 96 Resp: 172613
Ion Ratio Lower Upper
96 100
61 145.9 106.0 159.0
98 63.2 52.2 78.2



#25
2-Butanone
Concen: 88.456 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion: 43 Resp: 102372
Ion Ratio Lower Upper
43 100
72 29.5 20.8 31.2

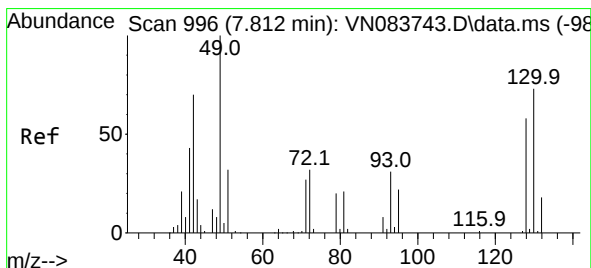
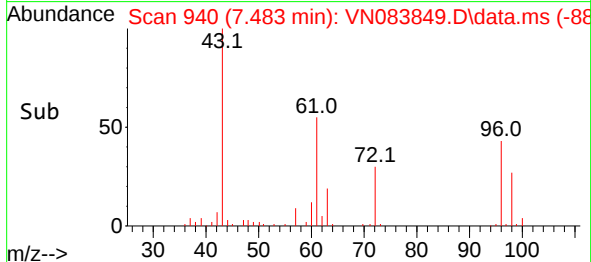
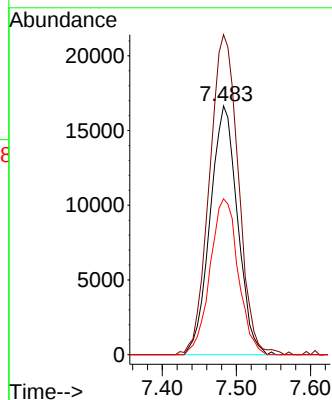
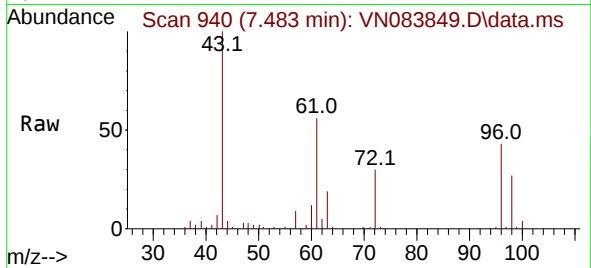




#27
 cis-1,2-Dichloroethene
 Concen: 21.380 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083849.D
 Acq: 13 Sep 2024 03:25

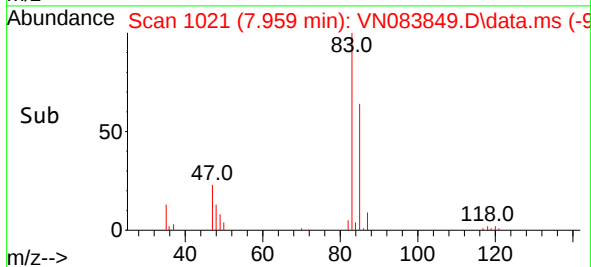
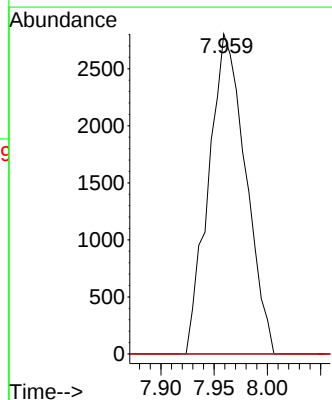
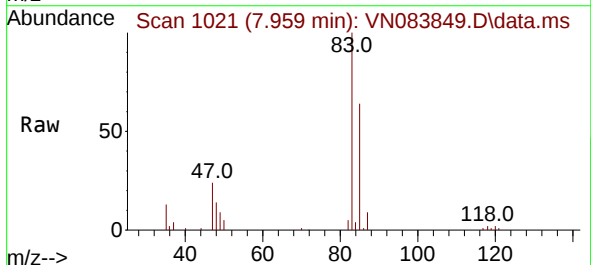
Instrument :
 MSVOA_N
 ClientSampleId :

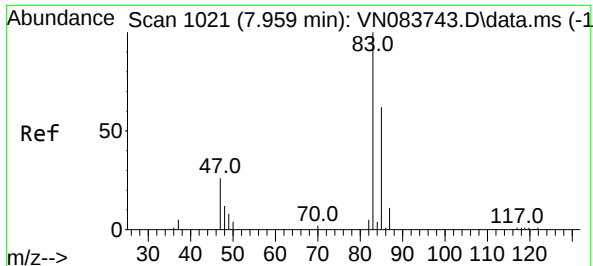
Tgt Ion: 96 Resp: 42856
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 306.2
 98 64.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 4.832 ug/l
 RT: 7.959 min Scan# 1021
 Delta R.T. 0.147 min
 Lab File: VN083849.D
 Acq: 13 Sep 2024 03:25

Tgt Ion: 49 Resp: 6775
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.4
 130 0.0 60.2 90.2#





#30

Chloroform

Concen: 22.261 ug/l

RT: 7.959 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

Instrument :

MSVOA_N

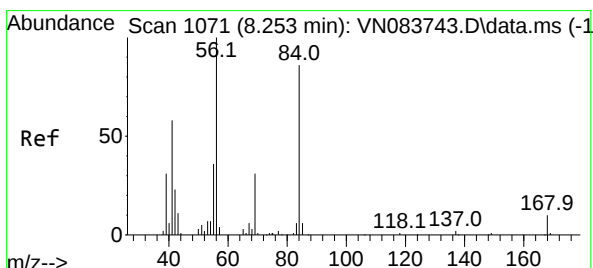
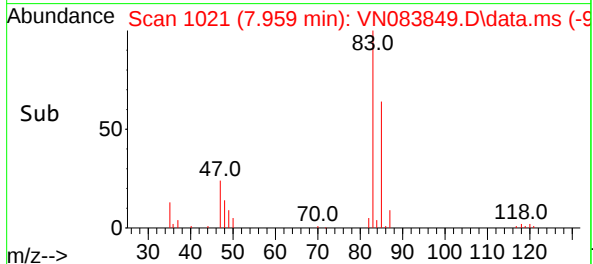
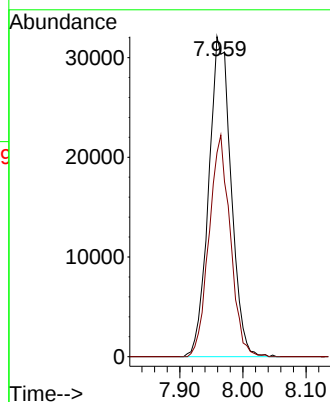
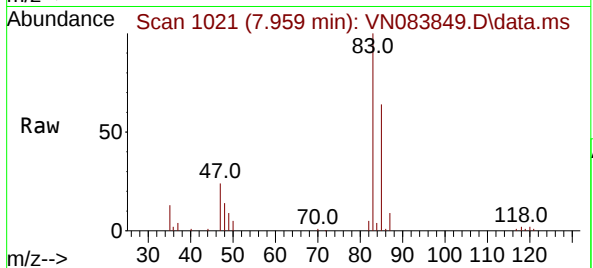
ClientSampleId :

Tgt Ion: 83 Resp: 78690

Ion Ratio Lower Upper

83 100

85 63.8 52.8 79.2



#31

Cyclohexane

Concen: 1.325 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

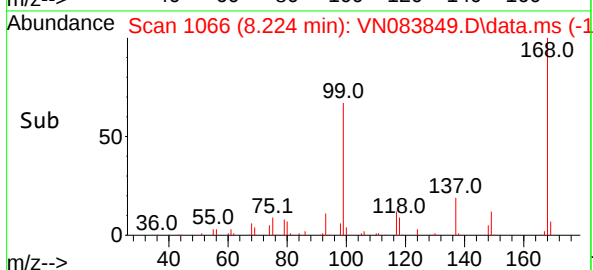
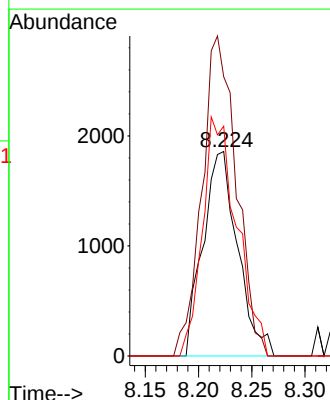
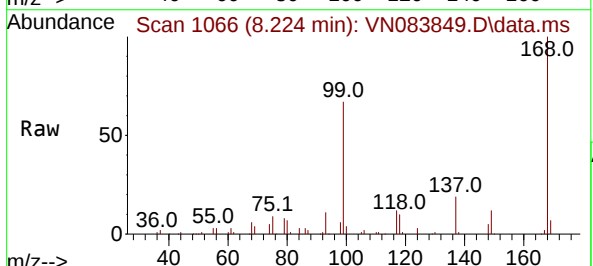
Tgt Ion: 56 Resp: 4207

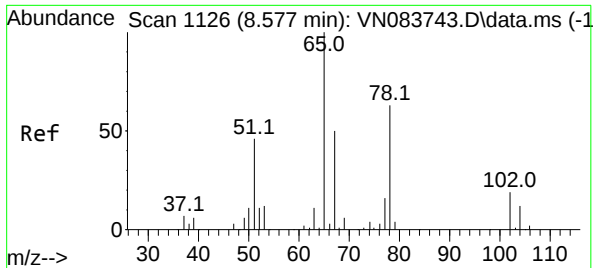
Ion Ratio Lower Upper

56 100

69 136.6 26.9 40.3#

84 112.4 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 49.981 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

Instrument :

MSVOA_N

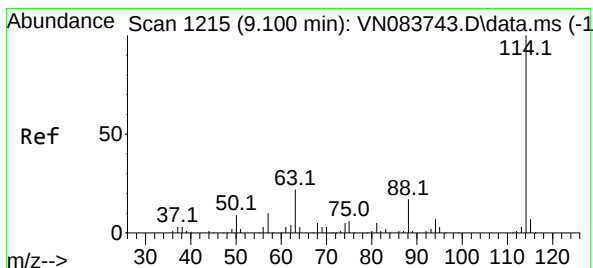
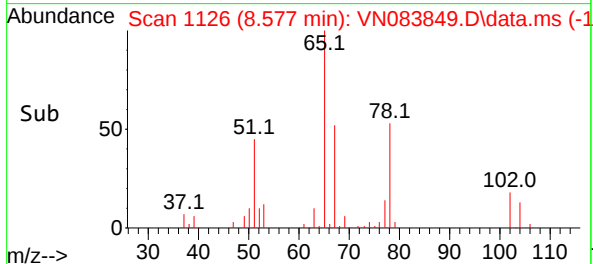
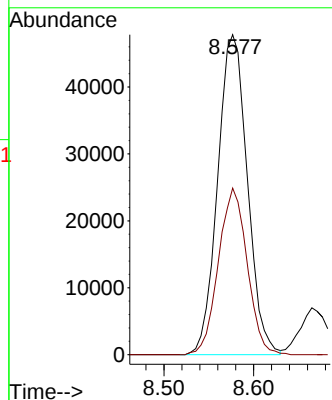
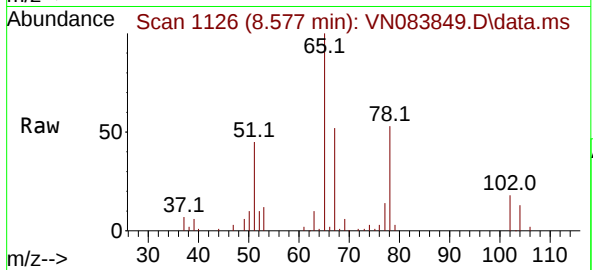
ClientSampleId :

Tgt Ion: 65 Resp: 109784

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

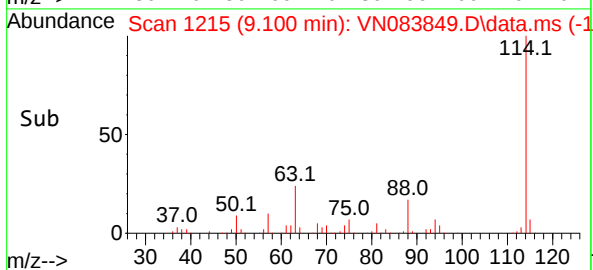
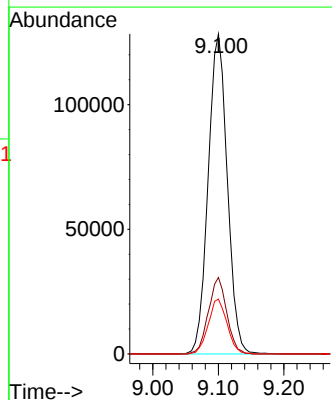
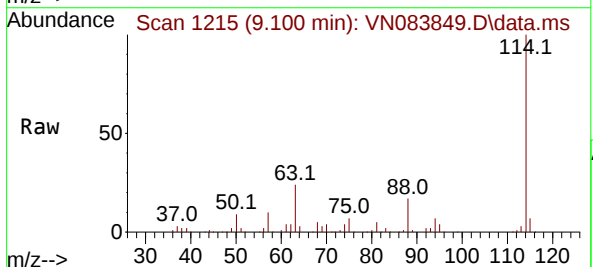
Tgt Ion: 114 Resp: 260331

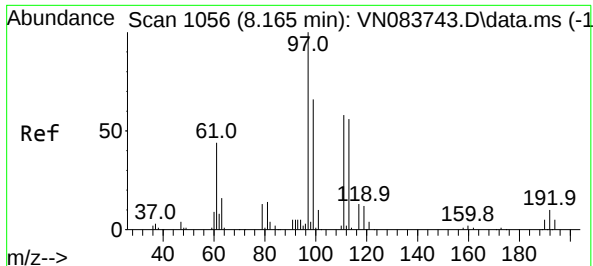
Ion Ratio Lower Upper

114 100

63 23.9 0.0 43.4

88 17.1 0.0 32.6

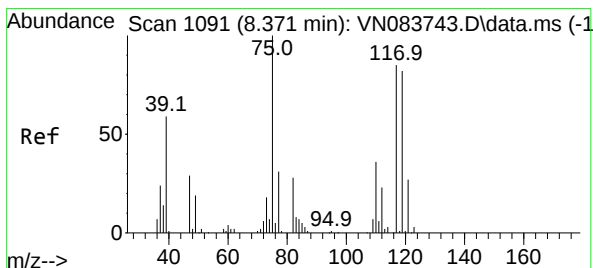
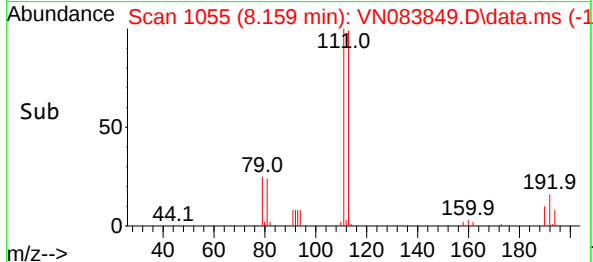
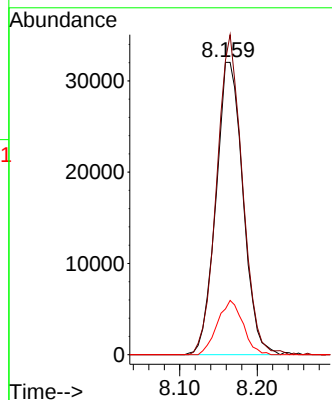
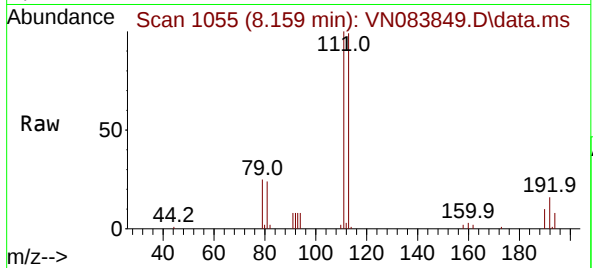




#35
Dibromofluoromethane
Concen: 46.560 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

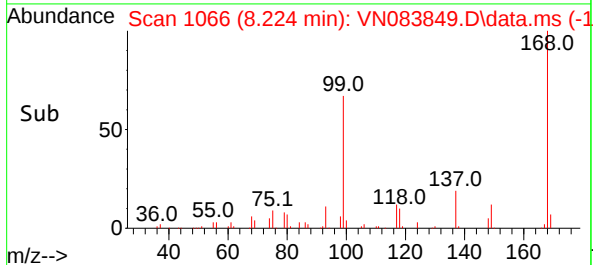
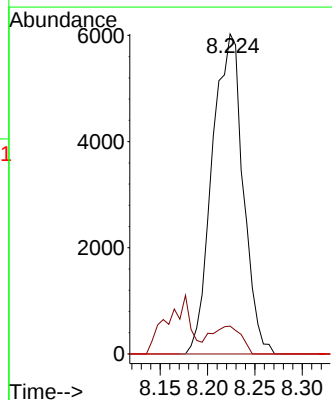
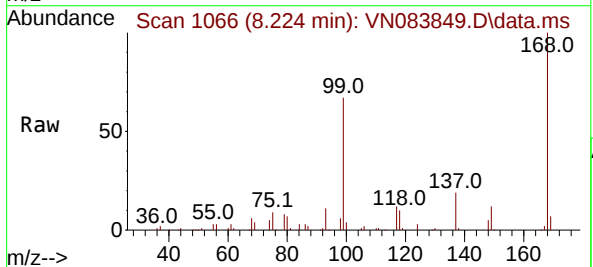
Instrument :
MSVOA_N
ClientSampleId :

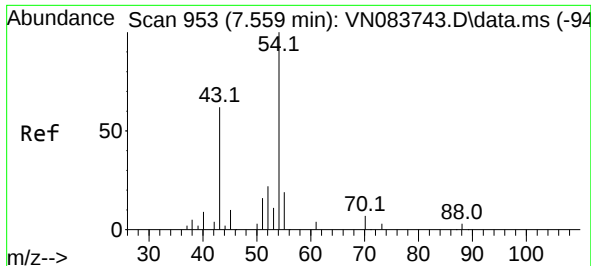
Tgt Ion:113 Resp: 77597
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 17.6 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.452 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion: 75 Resp: 13676
Ion Ratio Lower Upper
75 100
110 8.4 16.7 50.1#
77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 44.960 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.077 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

Instrument :

MSVOA_N

ClientSampleId :

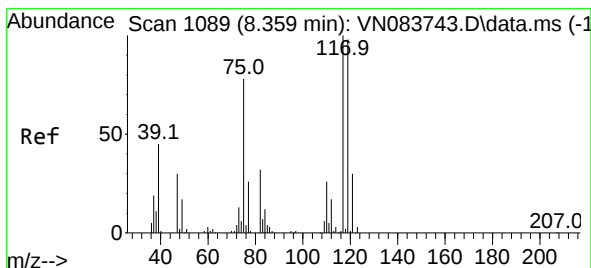
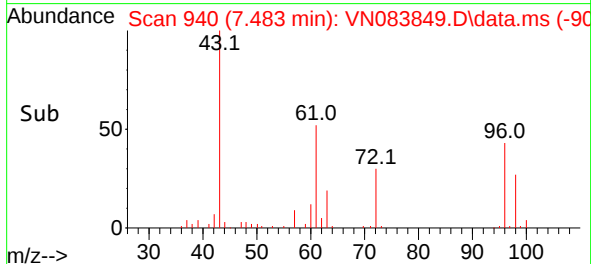
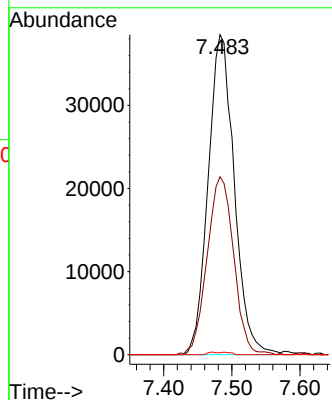
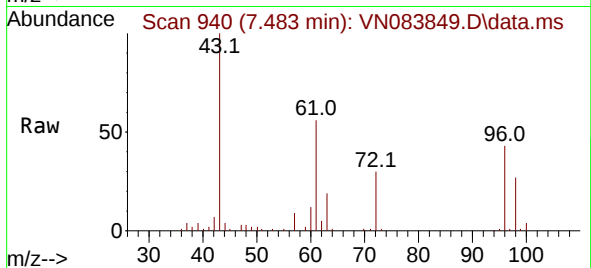
Tgt Ion: 43 Resp: 102372

Ion Ratio Lower Upper

43 100

61 56.7 11.1 16.7#

70 0.4 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.945 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

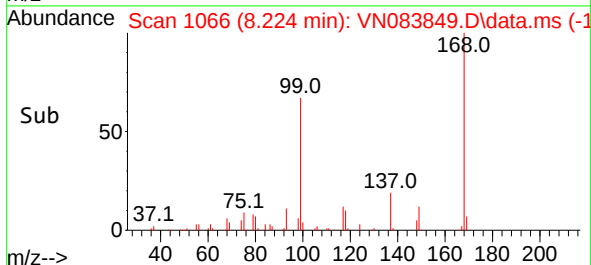
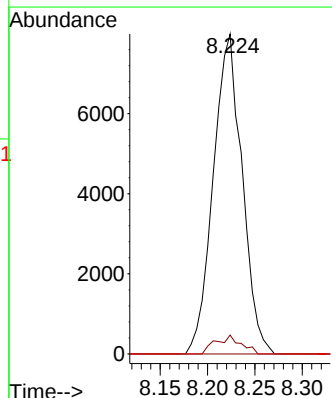
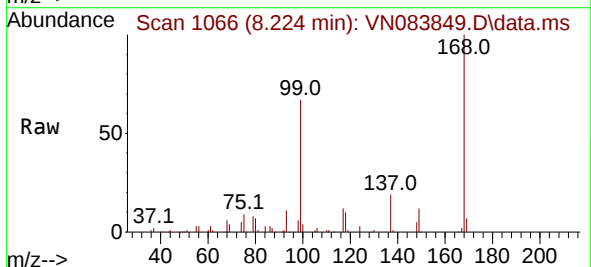
Tgt Ion: 117 Resp: 16918

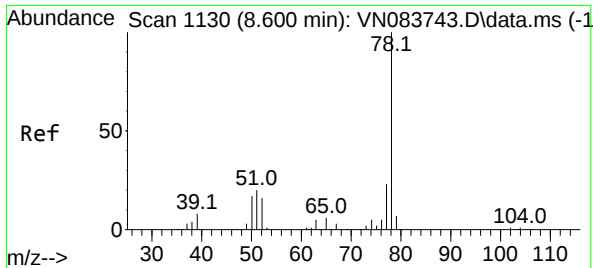
Ion Ratio Lower Upper

117 100

119 5.9 76.1 114.1#

121 0.0 24.1 36.1#

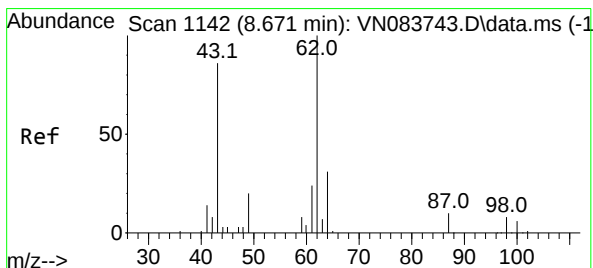
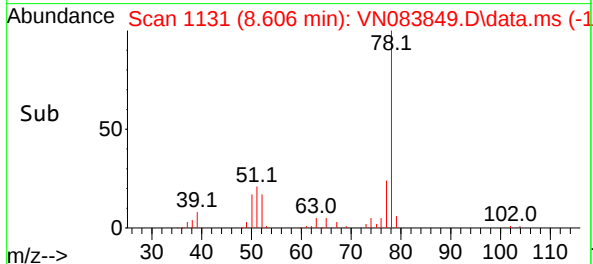
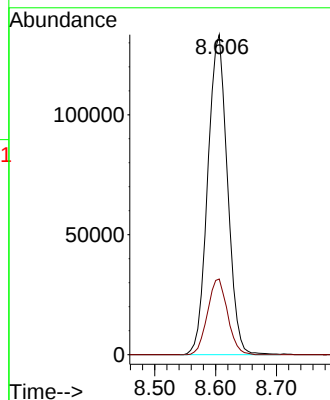
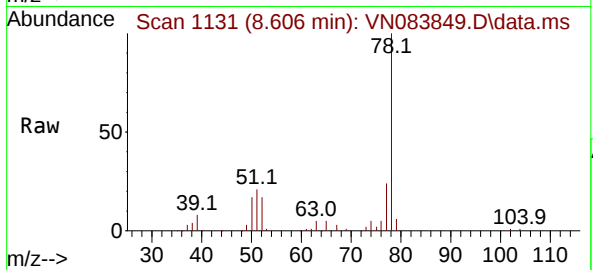




#40
Benzene
Concen: 39.632 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

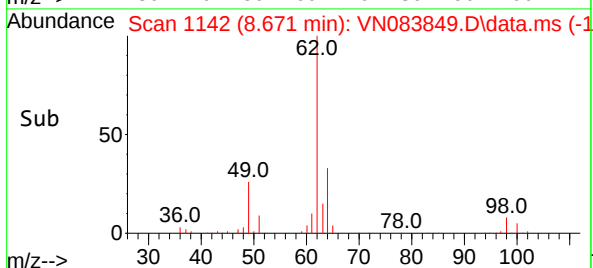
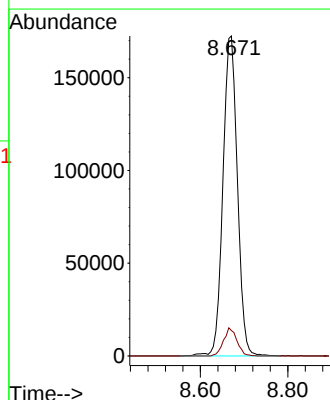
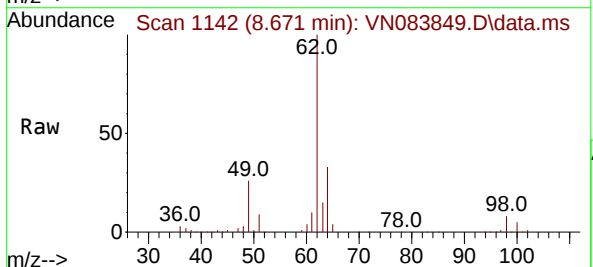
Instrument :
MSVOA_N
ClientSampleId :

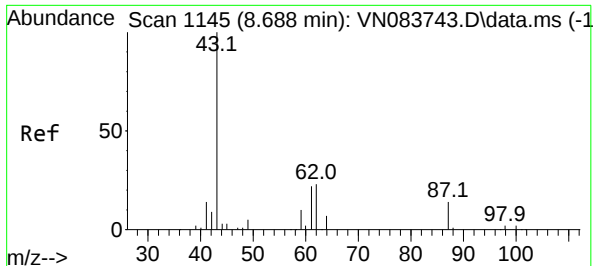
Tgt Ion: 78 Resp: 299234
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



#42
1,2-Dichloroethane
Concen: 139.444 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion: 62 Resp: 393407
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.6





#43

Isopropyl Acetate

Concen: 0.869 ug/l

RT: 8.653 min Scan# 1145

Delta R.T. -0.035 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

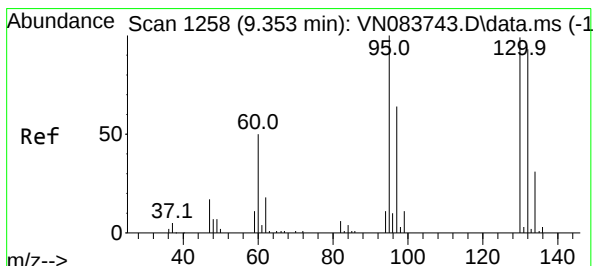
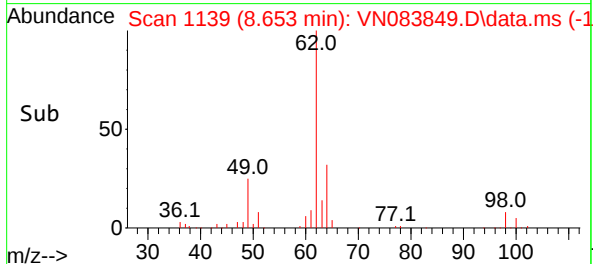
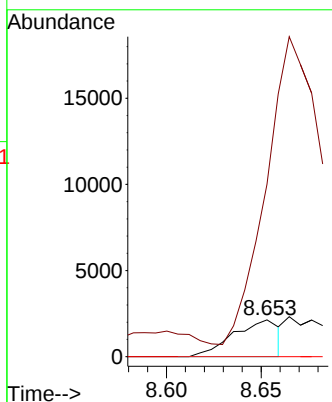
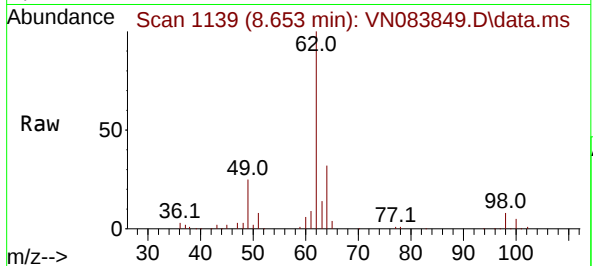
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 3584

Ion	Ratio	Lower	Upper
43	100		
61	1121.2	19.4	29.0#
87	0.0	9.8	14.6#



#44

Trichloroethene

Concen: 54.845 ug/l

RT: 9.347 min Scan# 1257

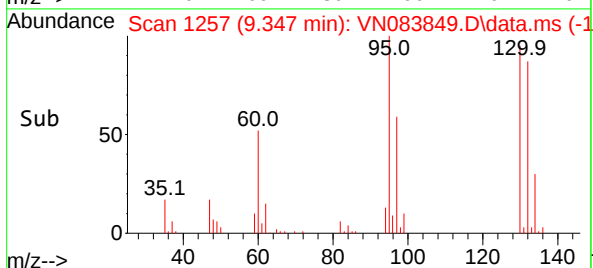
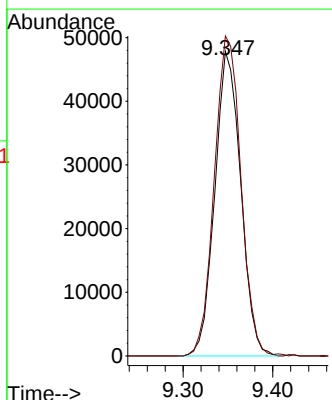
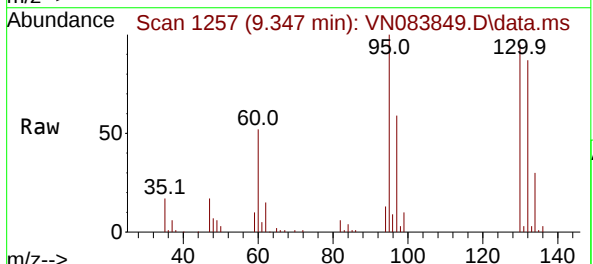
Delta R.T. -0.006 min

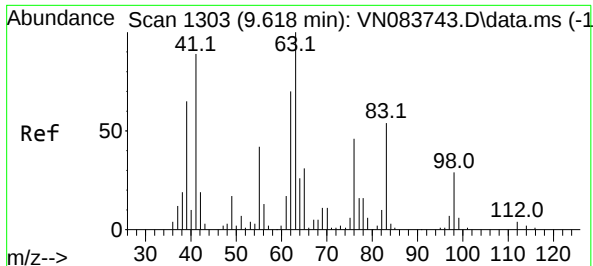
Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

Tgt Ion:130 Resp: 95893

Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	200.4





#45

1,2-Dichloropropane

Concen: 20.634 ug/l

RT: 9.624 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

Instrument :

MSVOA_N

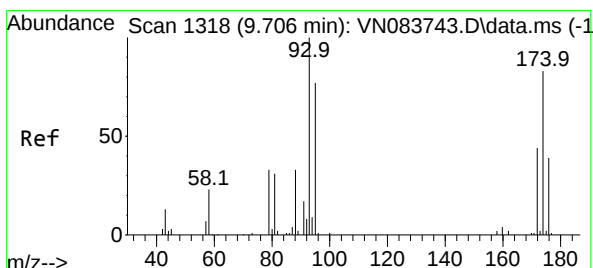
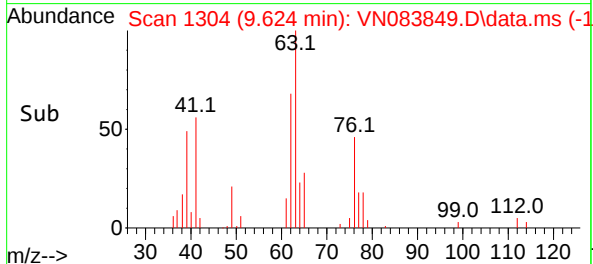
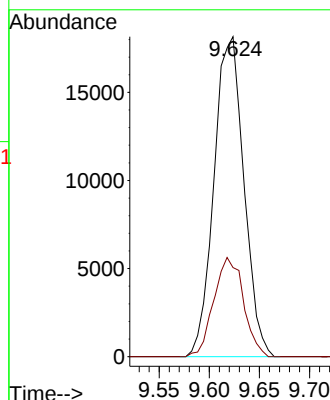
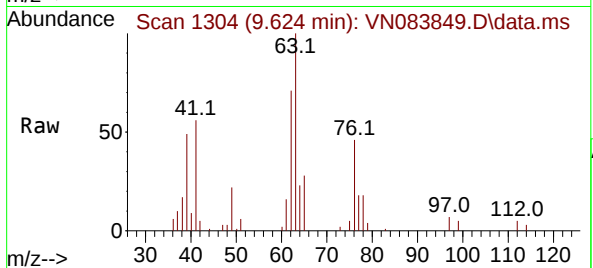
ClientSampleId :

Tgt Ion: 63 Resp: 37653

Ion Ratio Lower Upper

63 100

65 27.9 25.9 38.9



#46

Dibromomethane

Concen: 15.064 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

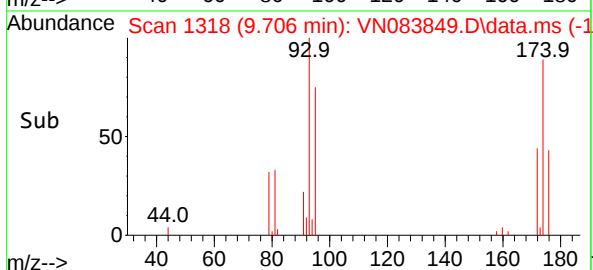
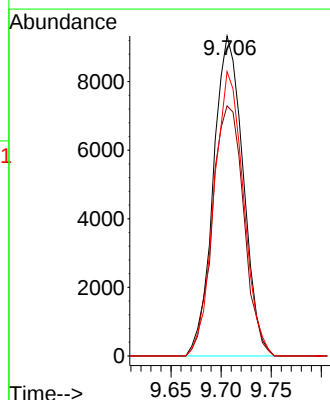
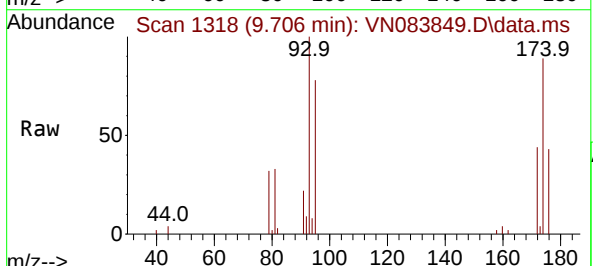
Tgt Ion: 93 Resp: 19254

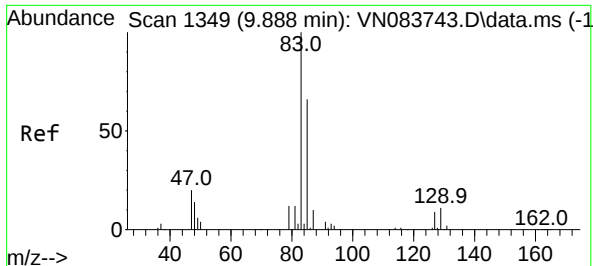
Ion Ratio Lower Upper

93 100

95 82.3 65.3 97.9

174 87.9 71.0 106.4





#47

Bromodichloromethane

Concen: 92.514 ug/l

RT: 9.882 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

Instrument :

MSVOA_N

ClientSampleId :

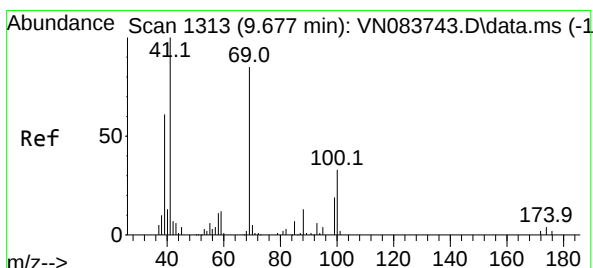
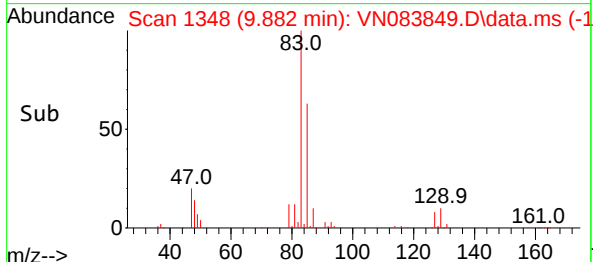
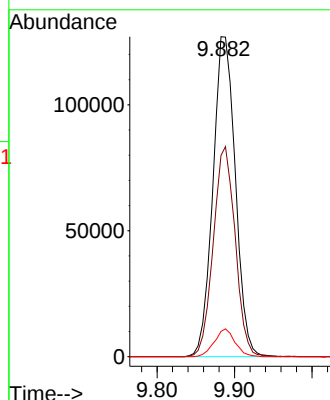
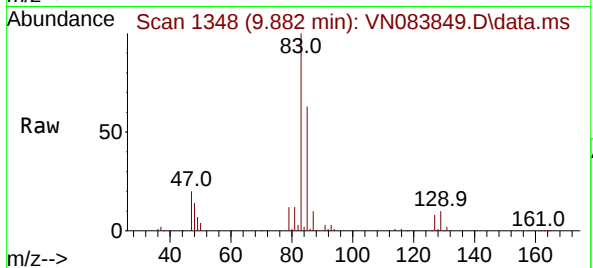
Tgt Ion: 83 Resp: 255916

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.8

127 7.9 6.6 9.8



#48

Methyl methacrylate

Concen: 12.466 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.059 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

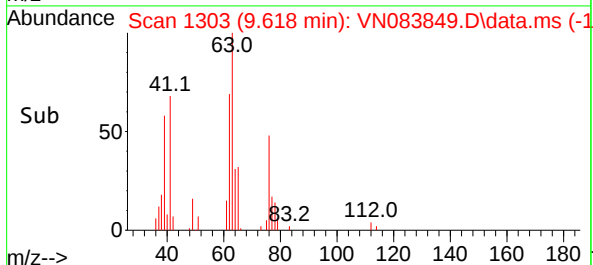
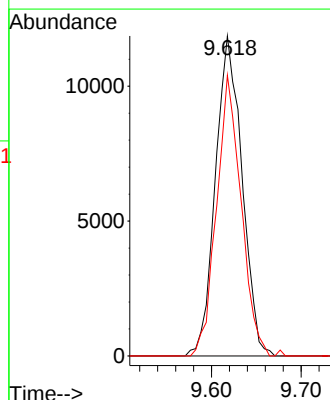
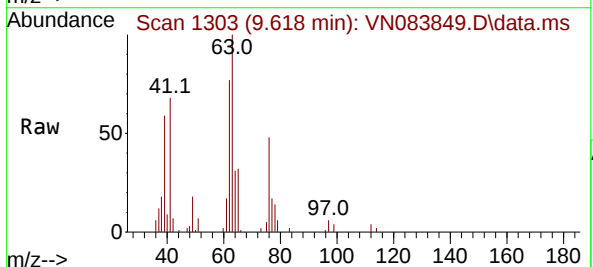
Tgt Ion: 41 Resp: 24404

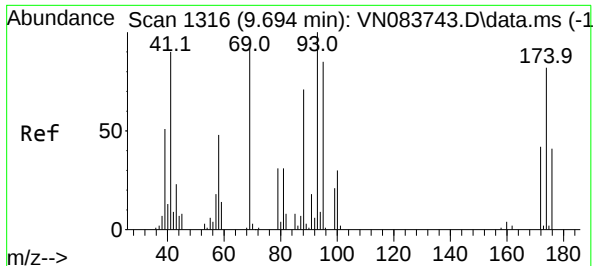
Ion Ratio Lower Upper

41 100

69 0.0 64.3 96.5#

39 81.1 48.9 73.3#





#49

1,4-Dioxane

Concen: 7.266 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.194 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

Instrument :

MSVOA_N

ClientSampleId :

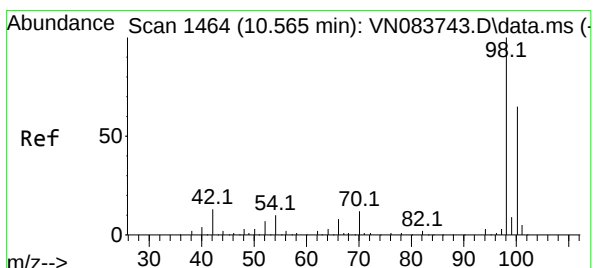
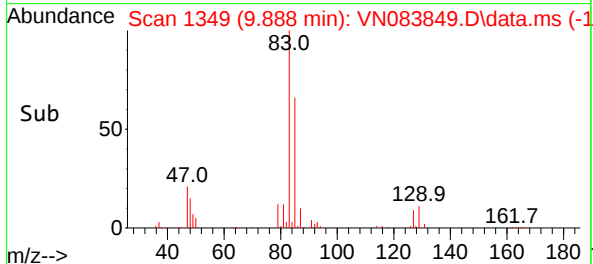
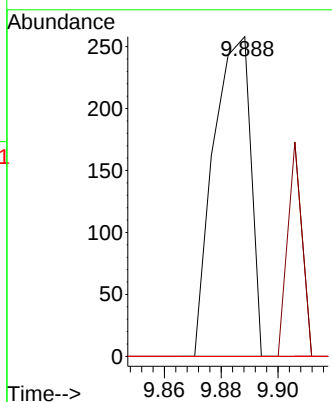
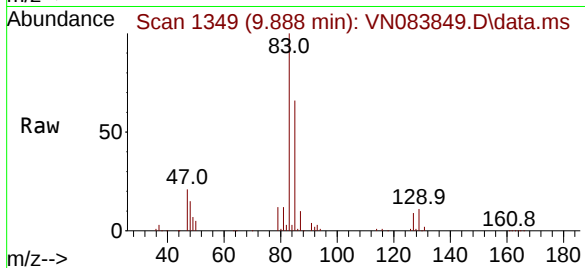
Tgt Ion: 88 Resp: 234

Ion Ratio Lower Upper

88 100

43 26.1 0.0 0.0#

58 0.0 57.1 85.7#



#50

Toluene-d8

Concen: 49.069 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083849.D

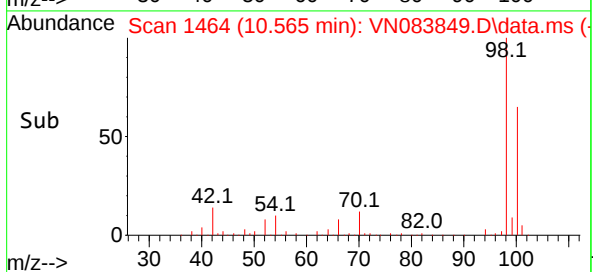
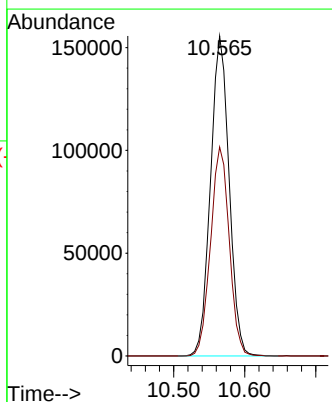
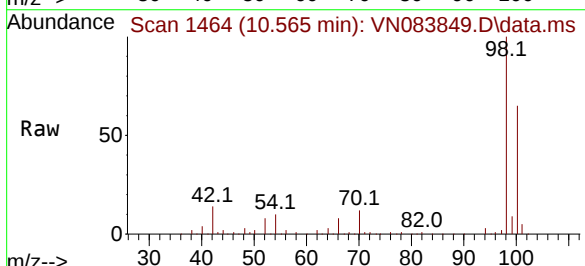
Acq: 13 Sep 2024 03:25

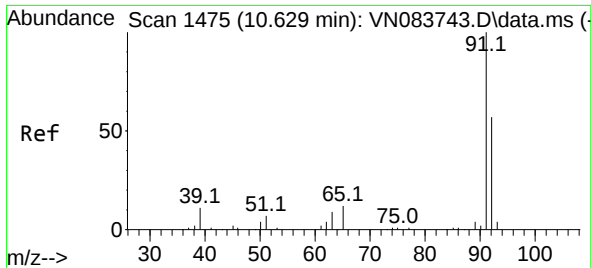
Tgt Ion: 98 Resp: 282714

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

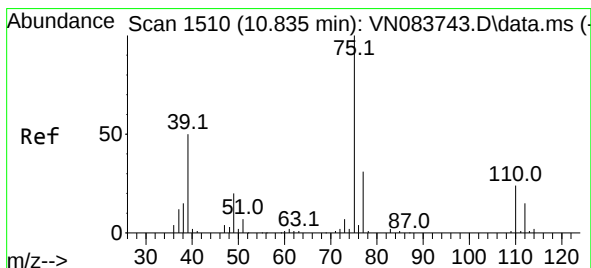
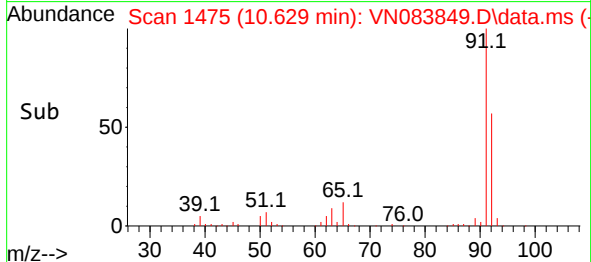
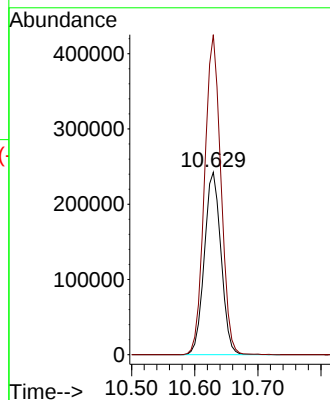
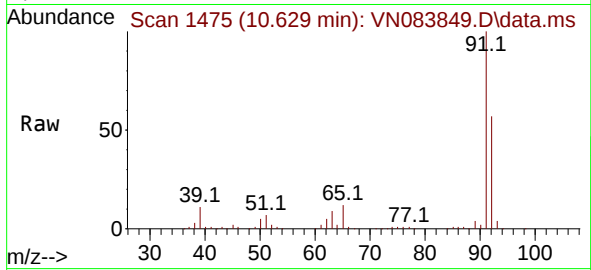




#52
Toluene
Concen: 96.039 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

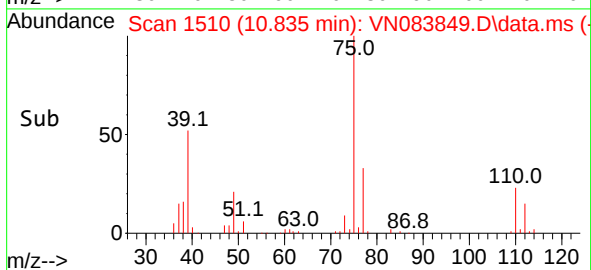
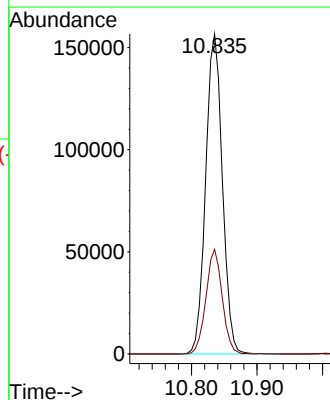
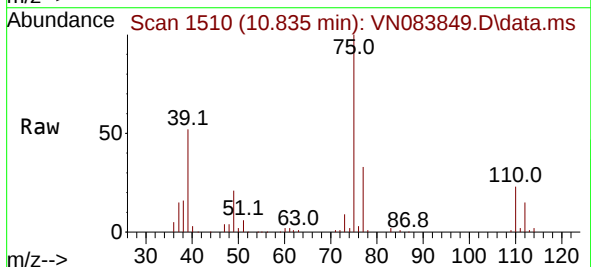
Instrument :
MSVOA_N
ClientSampleId :

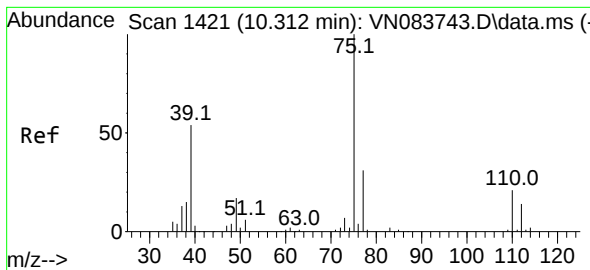
Tgt Ion: 92 Resp: 443534
Ion Ratio Lower Upper
92 100
91 172.3 134.7 202.1



#53
t-1,3-Dichloropropene
Concen: 99.050 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

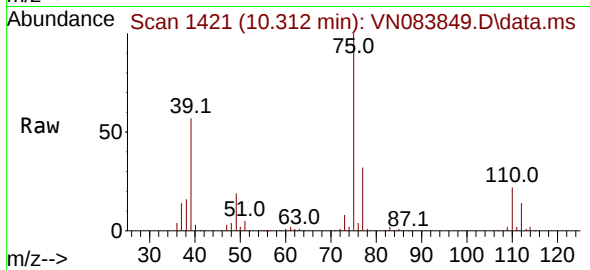
Tgt Ion: 75 Resp: 277729
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.6



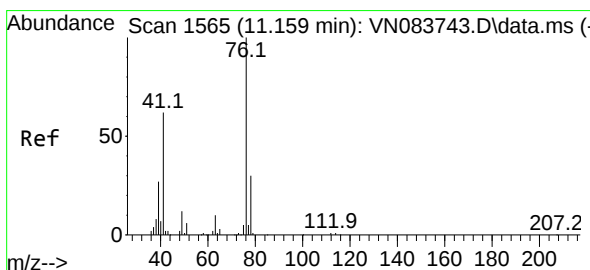
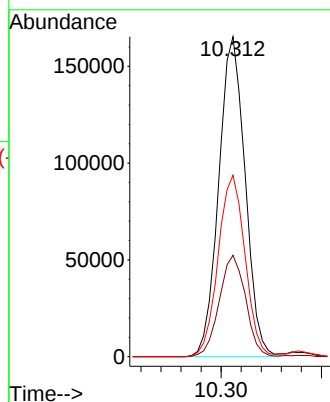
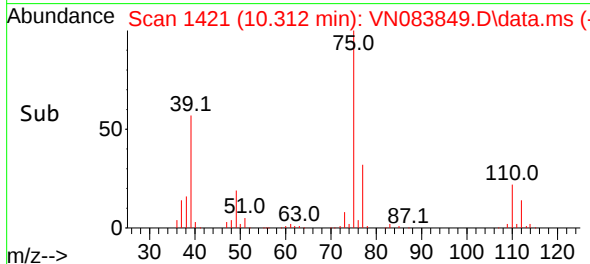


#54
cis-1,3-Dichloropropene
Concen: 102.316 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Instrument :
MSVOA_N
ClientSampleId :

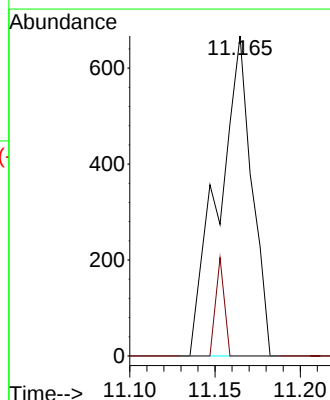
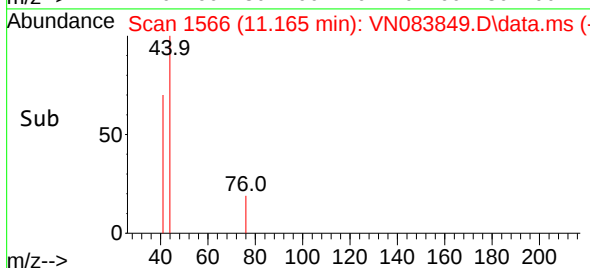
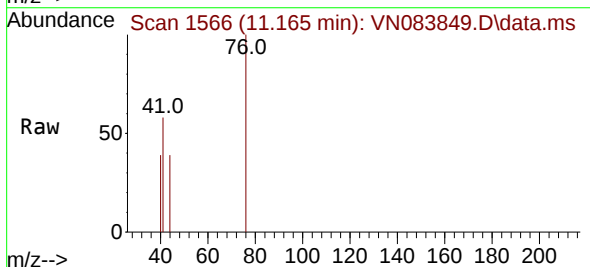


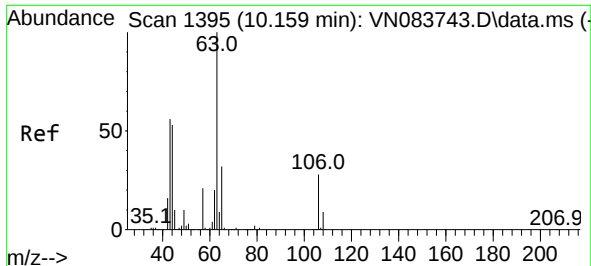
Tgt Ion: 75 Resp: 301353
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6
39 56.7 42.6 64.0



#57
1,3-Dichloropropane
Concen: 0.306 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion: 76 Resp: 906
Ion Ratio Lower Upper
76 100
78 7.9 25.8 38.6#

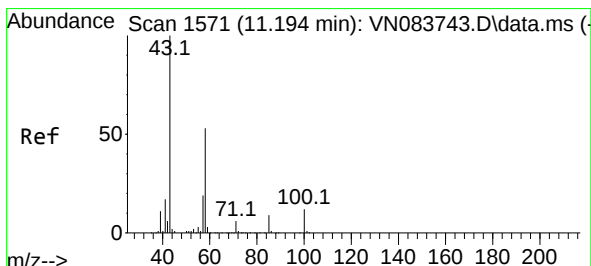
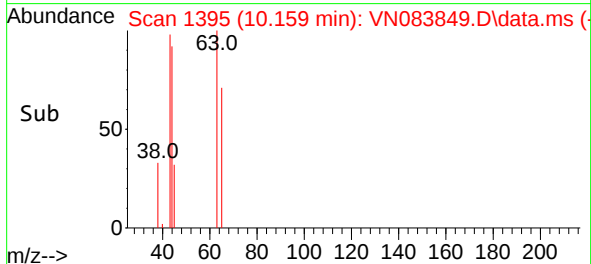
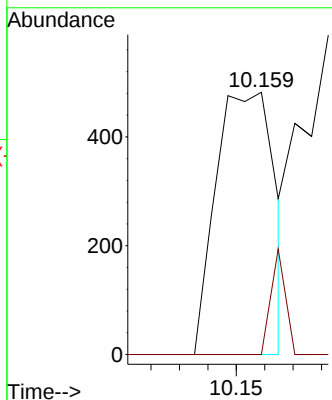
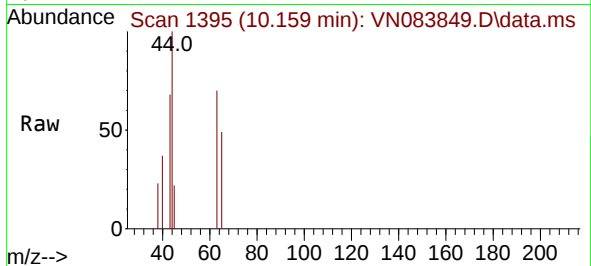




#58
2-Chloroethyl Vinyl ether
Concen: 0.725 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

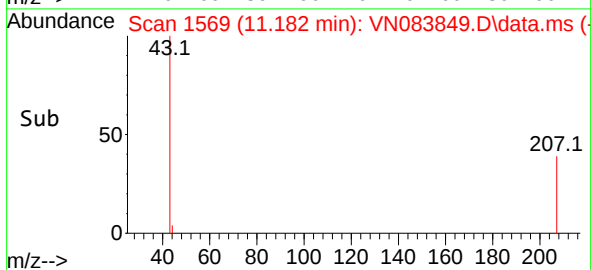
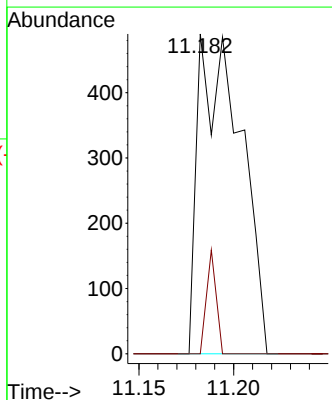
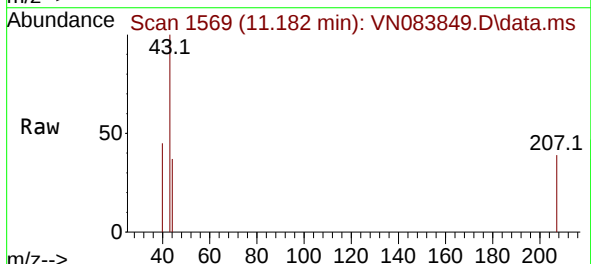
Instrument :
MSVOA_N
ClientSampleId :

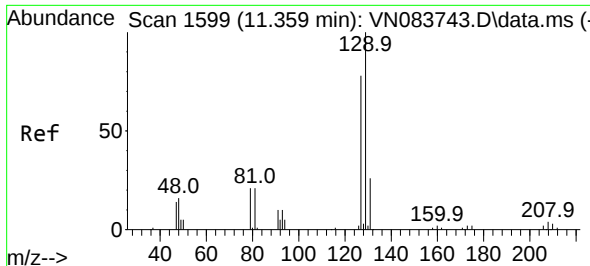
Tgt Ion: 63 Resp: 693
Ion Ratio Lower Upper
63 100
106 9.8 23.3 34.9#



#59
2-Hexanone
Concen: 0.462 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.012 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
58 7.3 27.2 81.5#

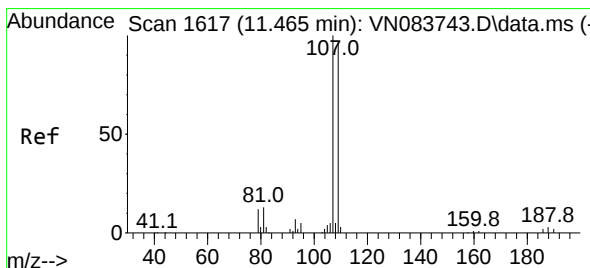
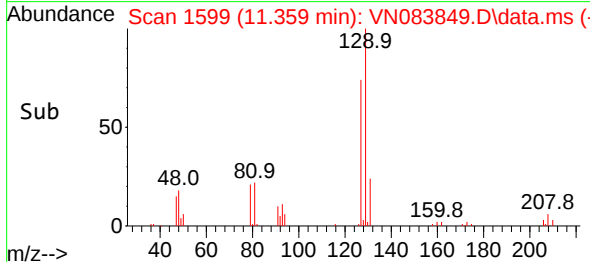
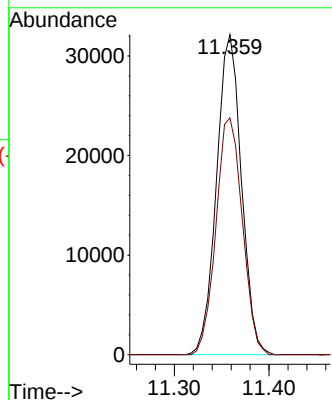
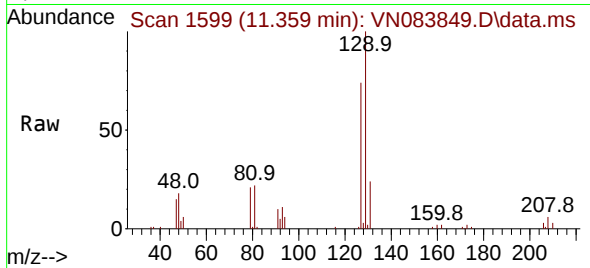




#60
Dibromochloromethane
Concen: 30.482 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

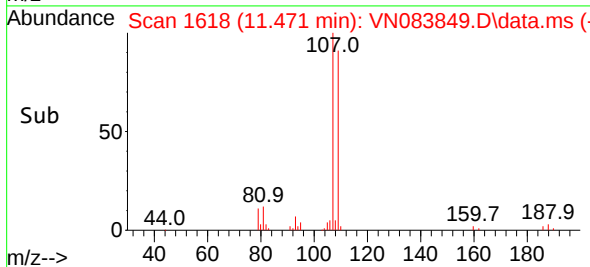
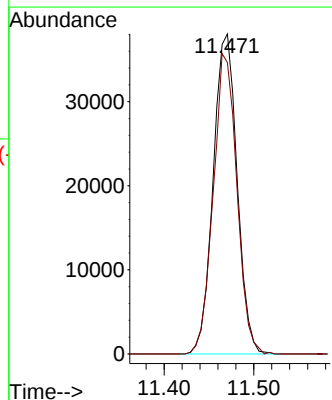
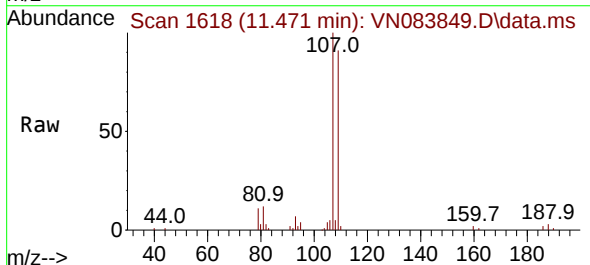
Instrument :
MSVOA_N
ClientSampleId :

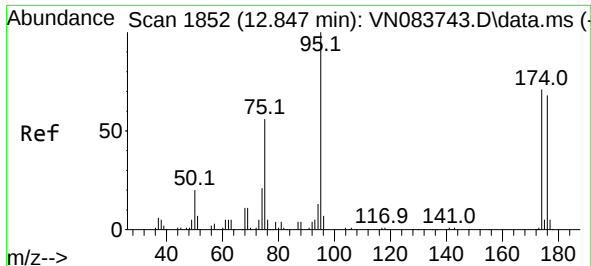
Tgt Ion:129 Resp: 58816
Ion Ratio Lower Upper
129 100
127 78.2 39.0 116.9



#61
1,2-Dibromoethane
Concen: 40.877 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion:107 Resp: 70288
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4

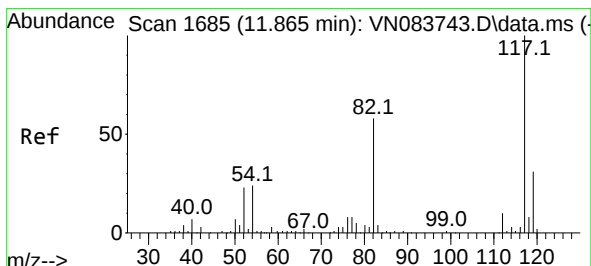
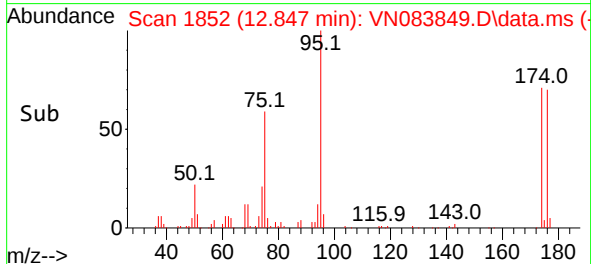
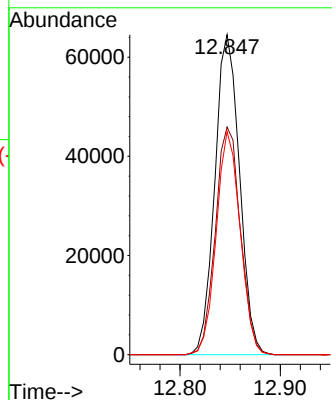
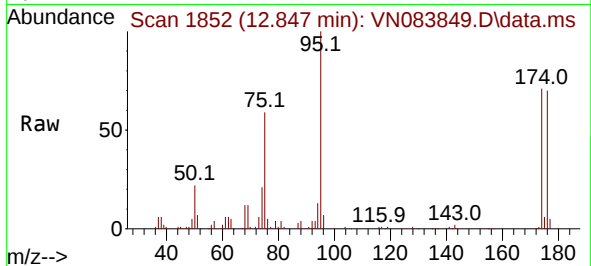




#62
4-Bromofluorobenzene
Concen: 46.438 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

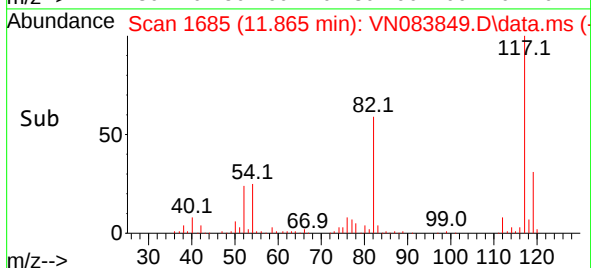
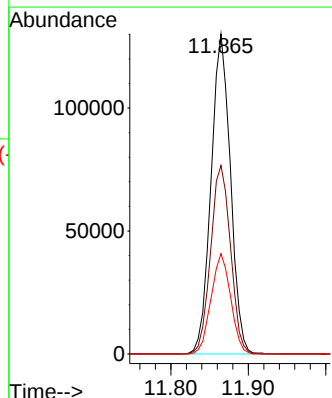
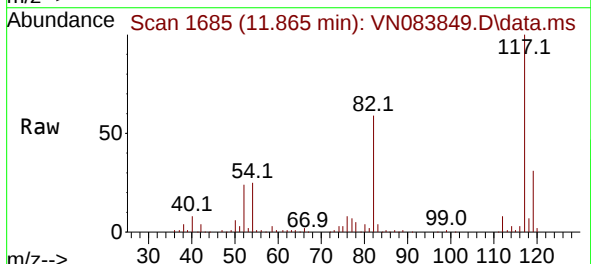
Instrument :
MSVOA_N
ClientSampleId :

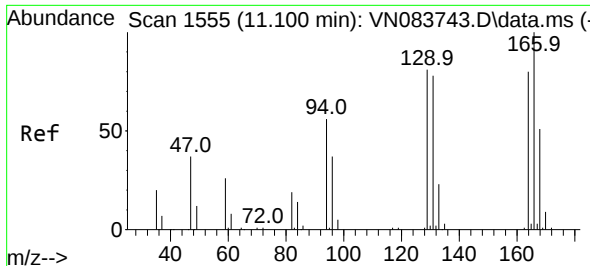
Tgt Ion: 95 Resp: 110386
Ion Ratio Lower Upper
95 100
174 72.1 0.0 139.8
176 67.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

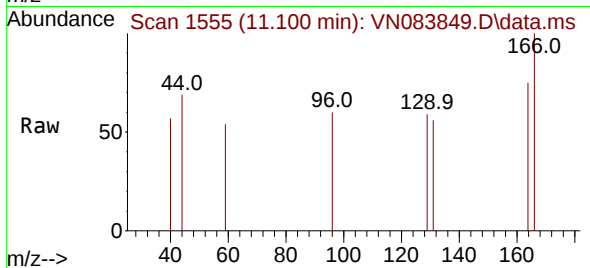
Tgt Ion: 117 Resp: 226122
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 31.3 26.3 39.5



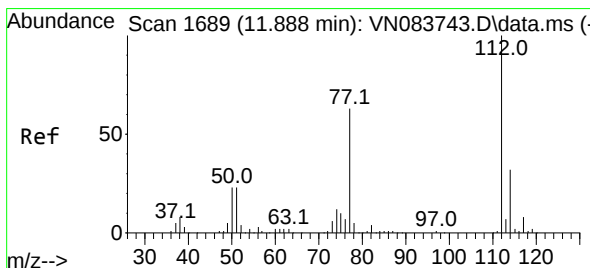
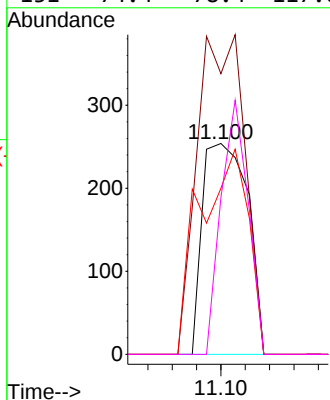
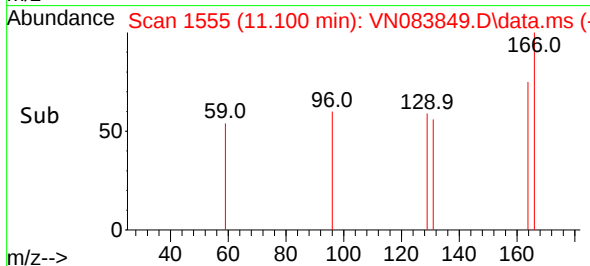


#64
Tetrachloroethene
Concen: 0.218 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Instrument :
MSVOA_N
ClientSampleId :

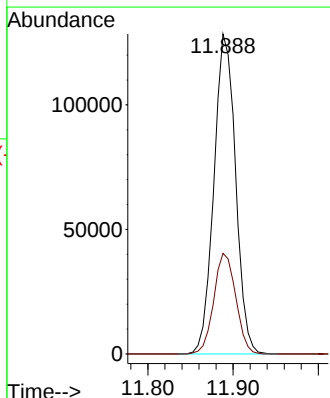
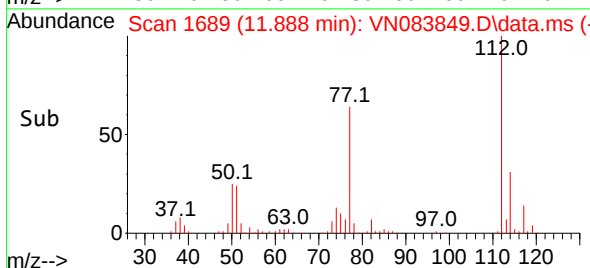
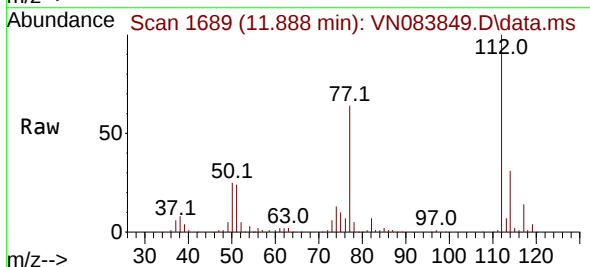


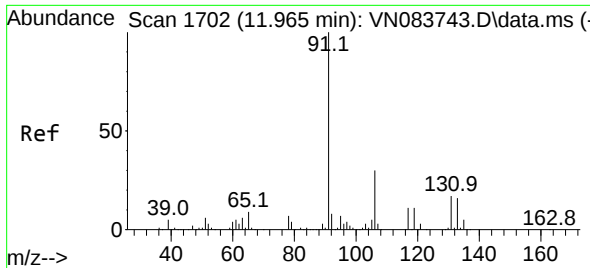
Tgt Ion:164 Resp: 328
Ion Ratio Lower Upper
164 100
166 133.1 103.7 155.5
129 78.7 79.9 119.9#
131 74.4 78.4 117.6#



#65
Chlorobenzene
Concen: 45.099 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion:112 Resp: 226653
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

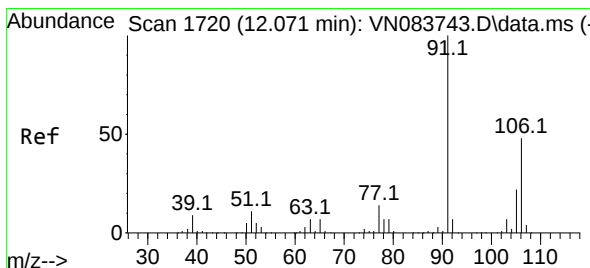
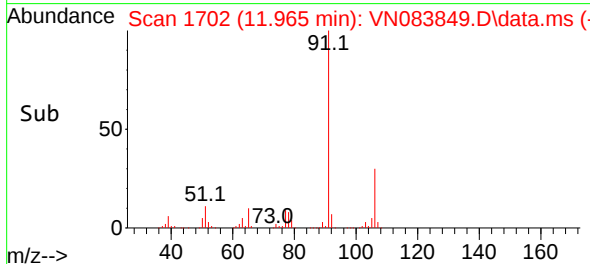
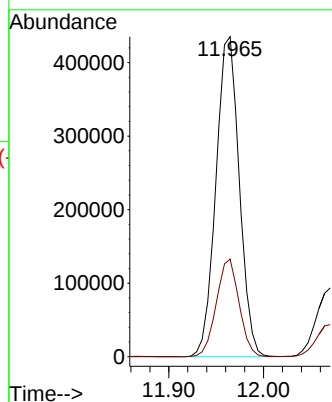
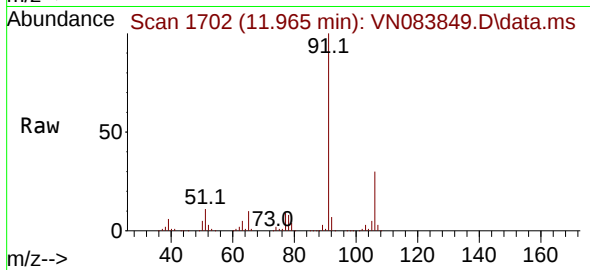




#67
Ethyl Benzene
Concen: 83.603 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

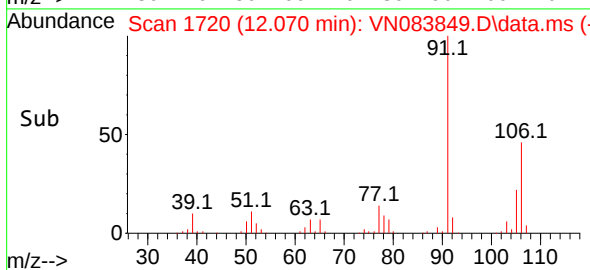
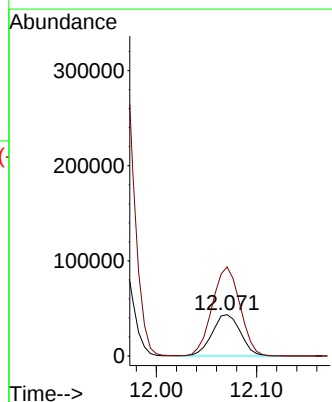
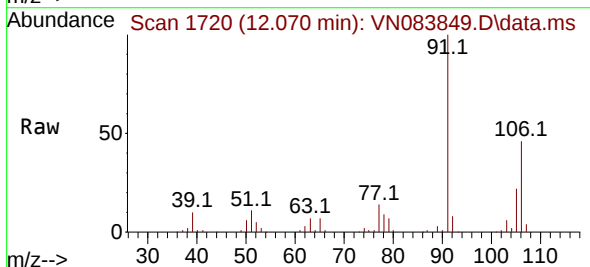
Instrument :
MSVOA_N
ClientSampleId :

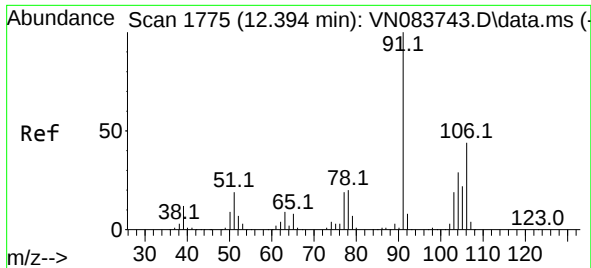
Tgt Ion: 91 Resp: 746385
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 25.798 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion:106 Resp: 85510
Ion Ratio Lower Upper
106 100
91 211.4 169.2 253.8

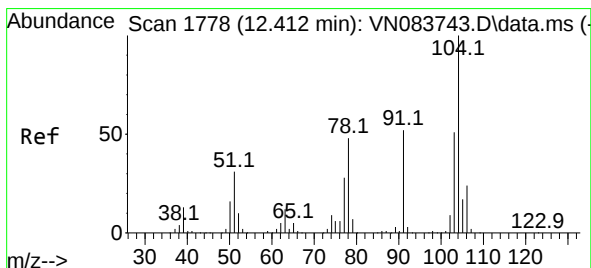
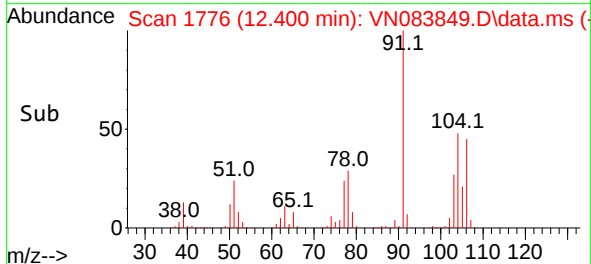
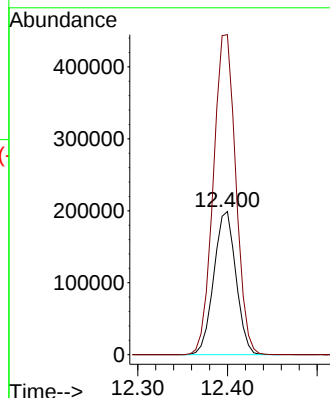
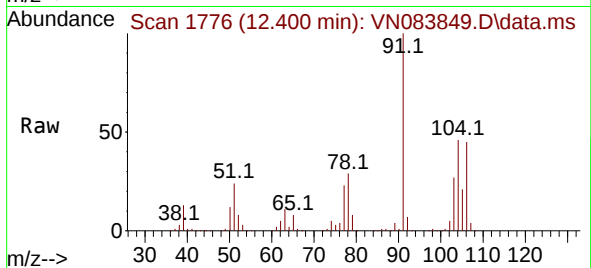




#69
o-Xylene
Concen: 106.294 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

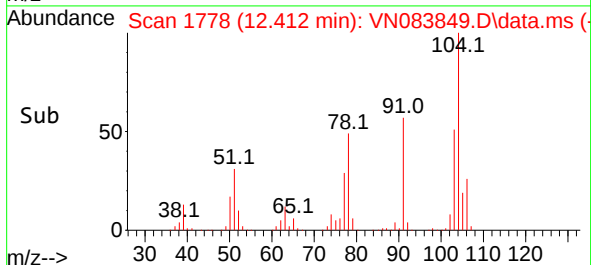
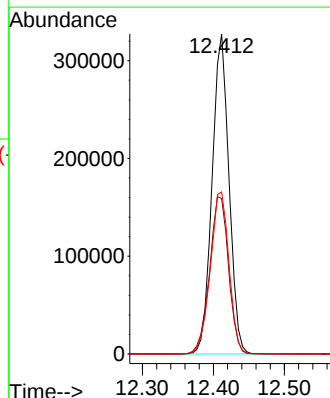
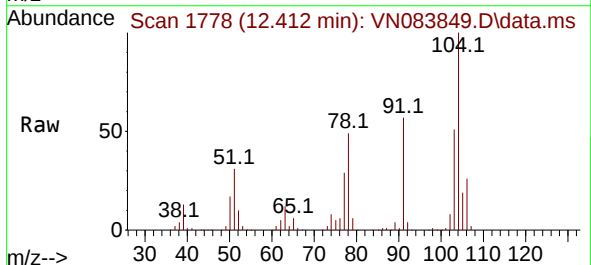
Instrument :
MSVOA_N
ClientSampleId :

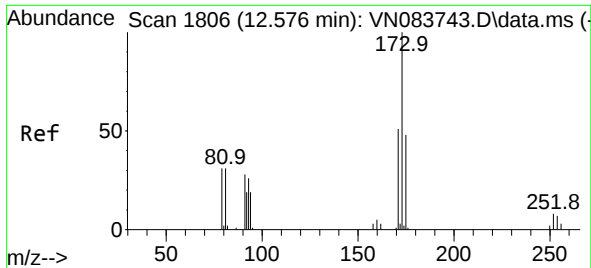
Tgt Ion:106 Resp: 341069
Ion Ratio Lower Upper
106 100
91 227.2 112.9 338.6



#70
Styrene
Concen: 102.420 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion:104 Resp: 539346
Ion Ratio Lower Upper
104 100
78 55.4 43.3 64.9
103 55.9 43.4 65.2

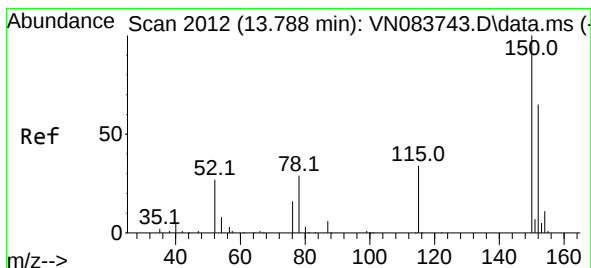
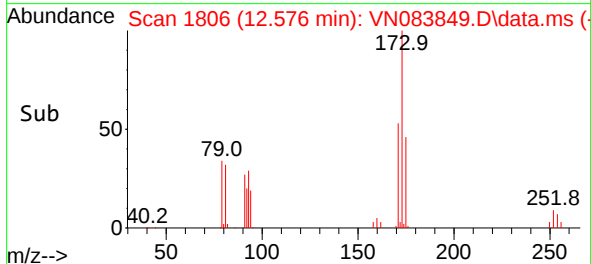
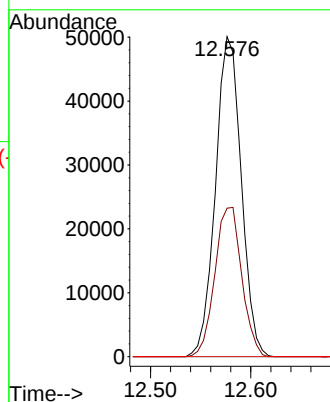
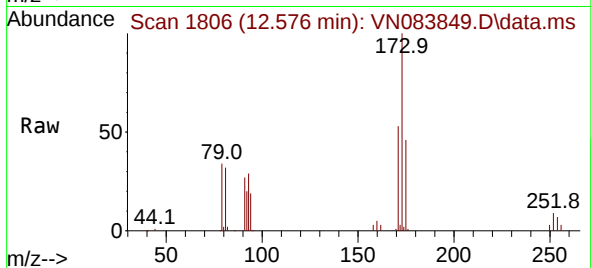




#71
Bromoform
Concen: 76.198 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

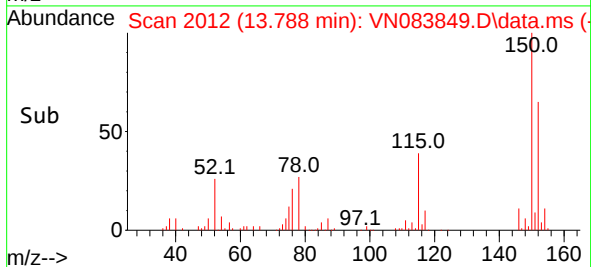
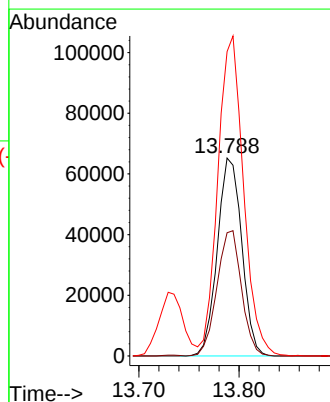
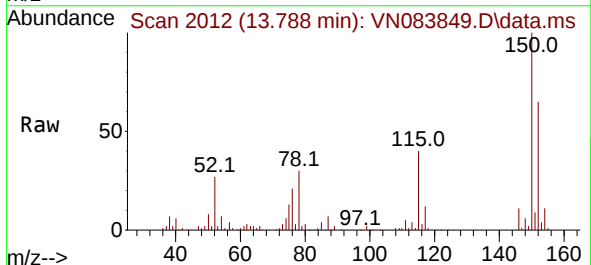
Instrument :
MSVOA_N
ClientSampleId :

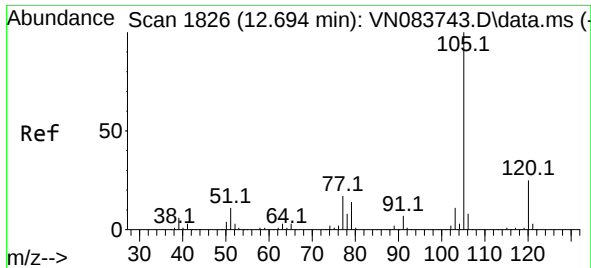
Tgt Ion:173 Resp: 89460
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion:152 Resp: 110335
Ion Ratio Lower Upper
152 100
115 63.6 32.2 96.6
150 169.8 0.0 348.6

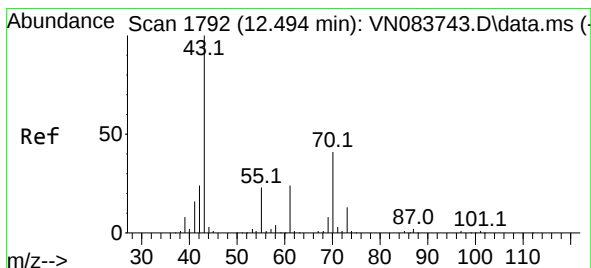
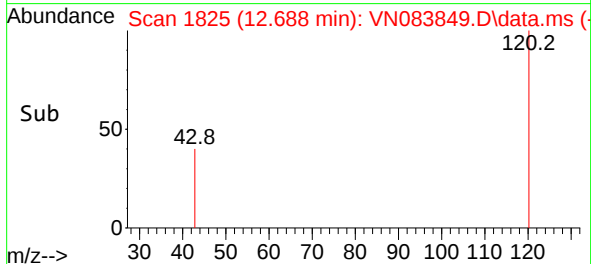
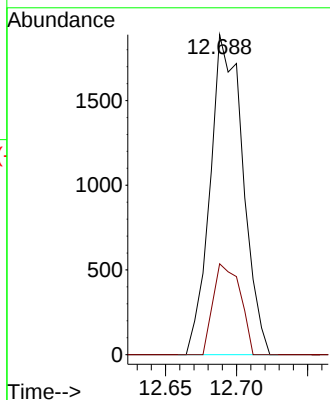
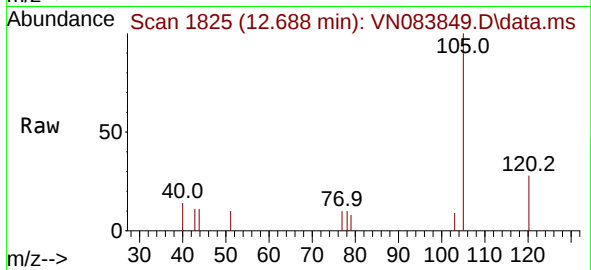




#73
Isopropylbenzene
Concen: 0.354 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

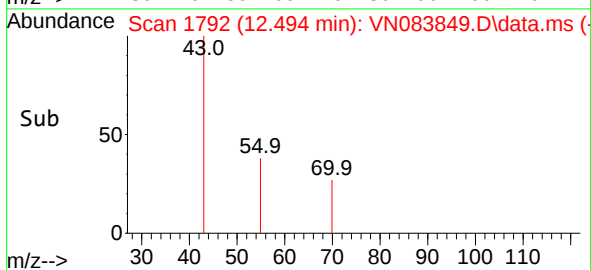
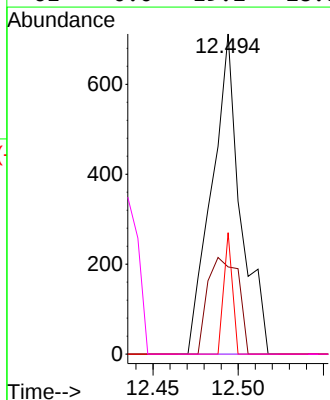
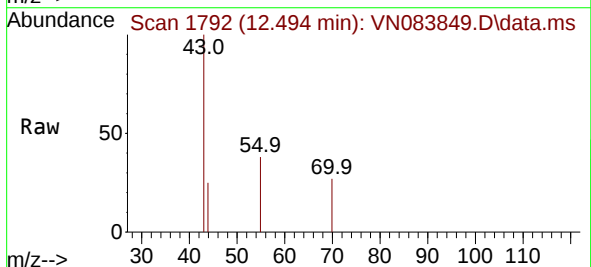
Instrument :
MSVOA_N
ClientSampleId :

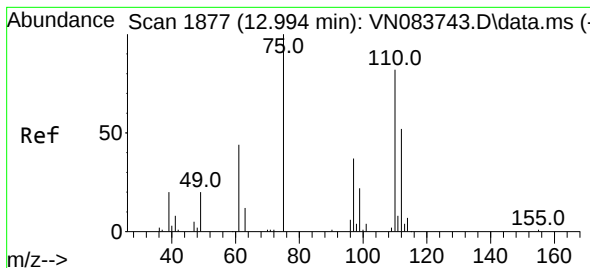
Tgt Ion:105 Resp: 3024
Ion Ratio Lower Upper
105 100
120 23.5 12.6 37.8



#74
N-ethyl acetate
Concen: 0.230 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
70 32.2 34.5 51.7#
55 11.4 18.6 28.0#
61 0.0 19.2 28.8#





#76

1,2,3-Trichloropropane

Concen: 95.887 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

Instrument :

MSVOA_N

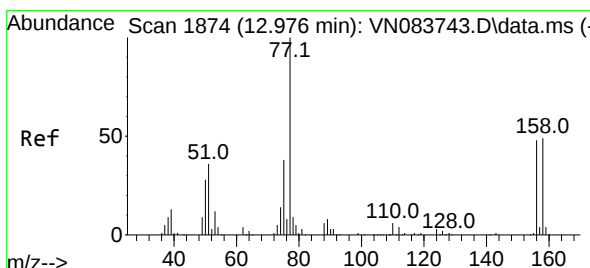
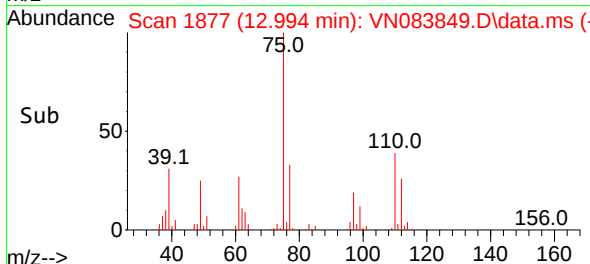
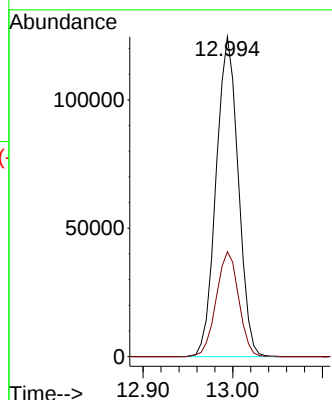
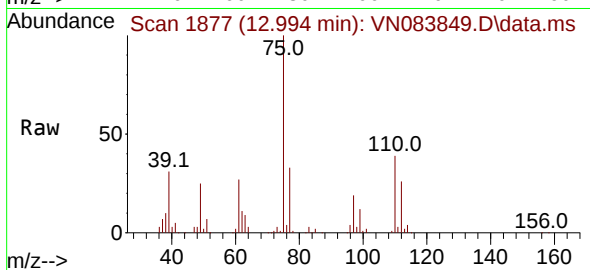
ClientSampleId :

Tgt Ion: 75 Resp: 213477

Ion Ratio Lower Upper

75 100

77 33.4 95.2 285.6#



#77

Bromobenzene

Concen: 0.485 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

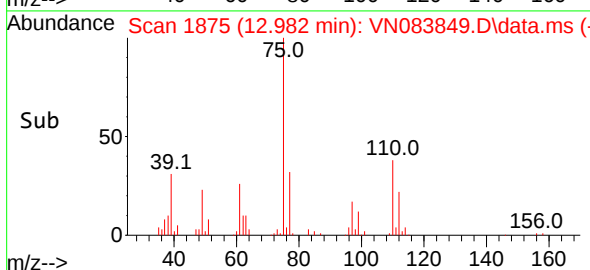
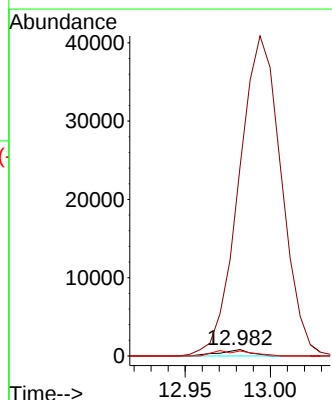
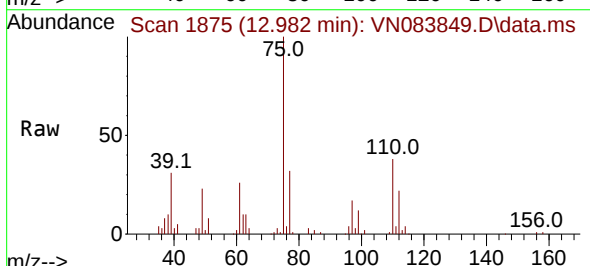
Tgt Ion:156 Resp: 996

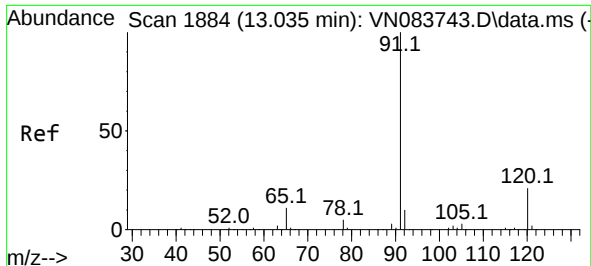
Ion Ratio Lower Upper

156 100

77 7161.2 114.3 343.1#

158 0.0 48.9 146.7#

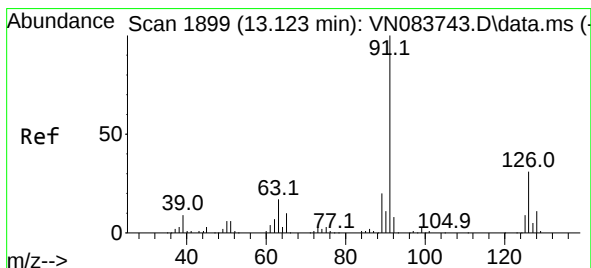
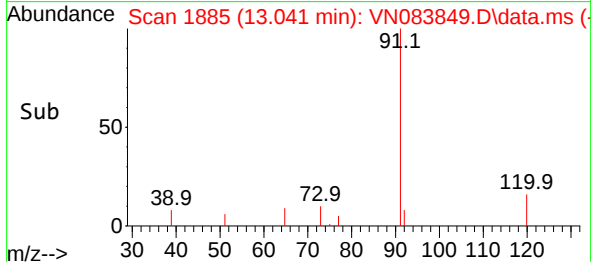
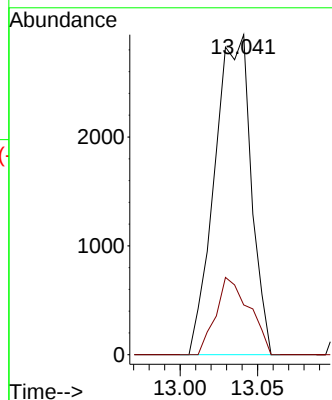
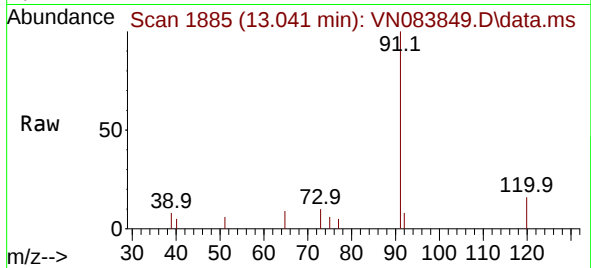




#78
n-propylbenzene
Concen: 0.482 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

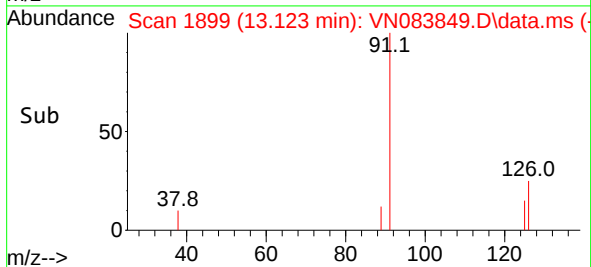
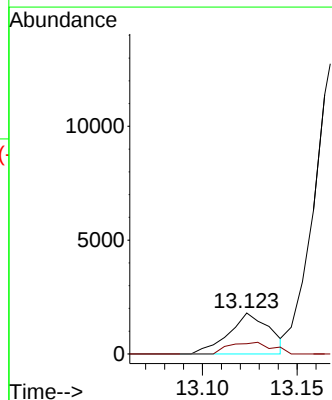
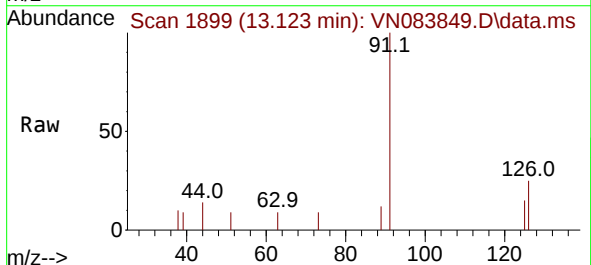
Instrument :
MSVOA_N
ClientSampleId :

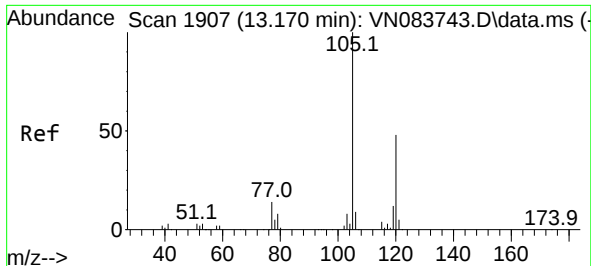
Tgt Ion: 91 Resp: 4784
Ion Ratio Lower Upper
91 100
120 0.0 11.0 33.0#



#79
2-Chlorotoluene
Concen: 0.426 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion: 91 Resp: 2701
Ion Ratio Lower Upper
91 100
126 29.7 15.4 46.2

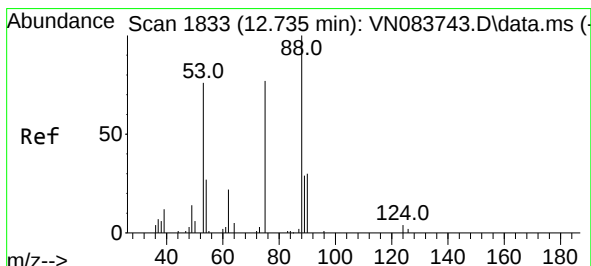
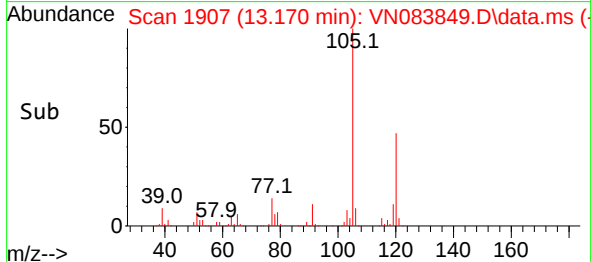
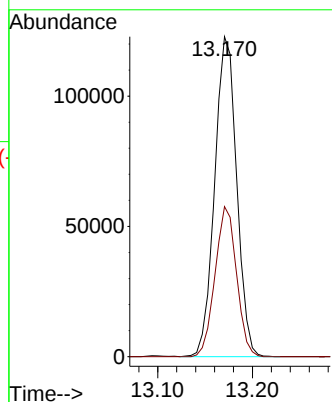
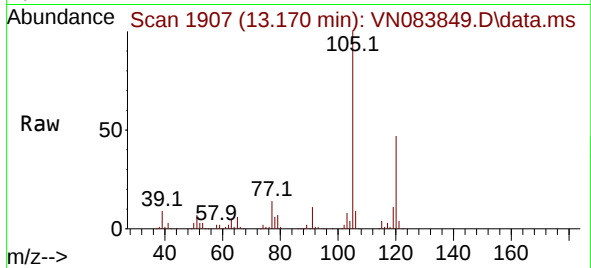




#80
 1,3,5-Trimethylbenzene
 Concen: 27.536 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN083849.D
 Acq: 13 Sep 2024 03:25

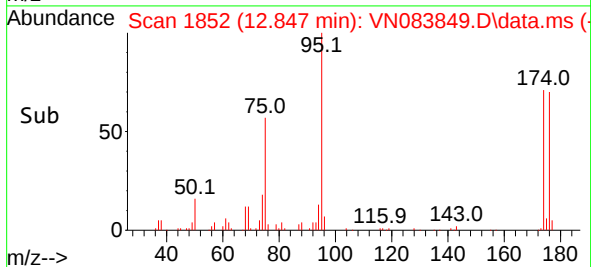
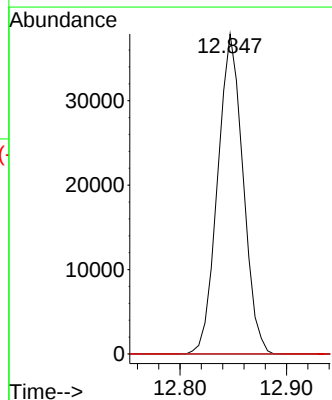
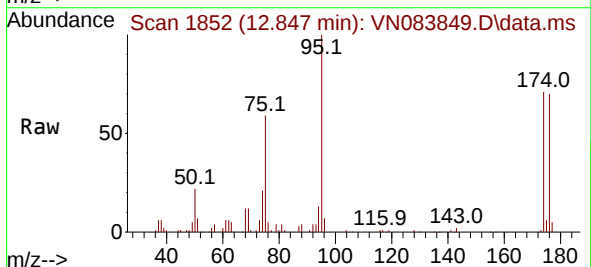
Instrument :
 MSVOA_N
 ClientSampleId :

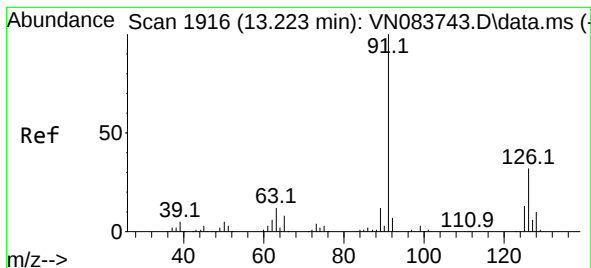
Tgt Ion:105 Resp: 198175
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.4 70.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.763 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN083849.D
 Acq: 13 Sep 2024 03:25

Tgt Ion: 75 Resp: 62702
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

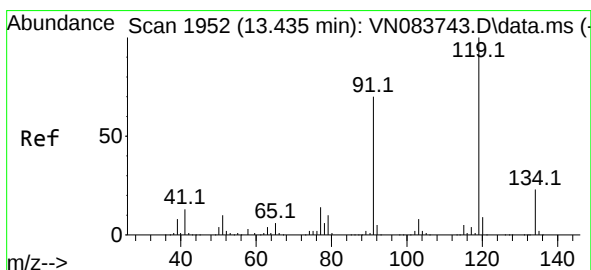
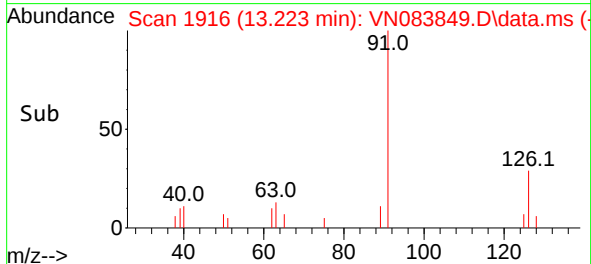
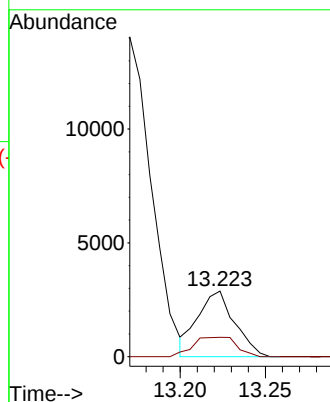
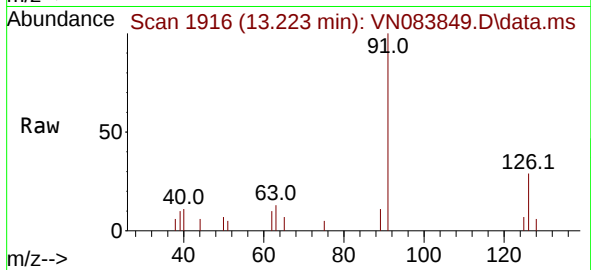




#82
4-Chlorotoluene
Concen: 0.684 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

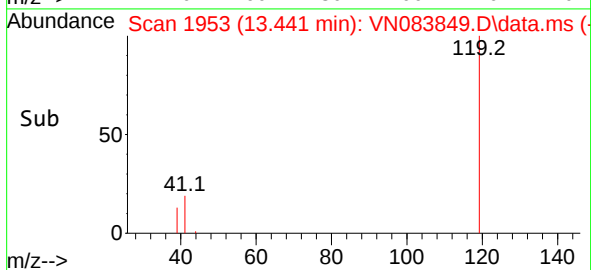
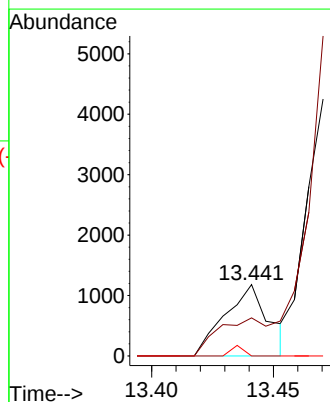
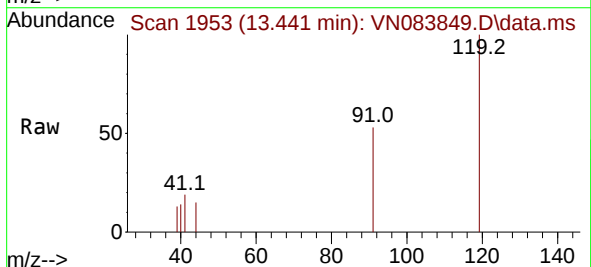
Instrument :
MSVOA_N
ClientSampleId :

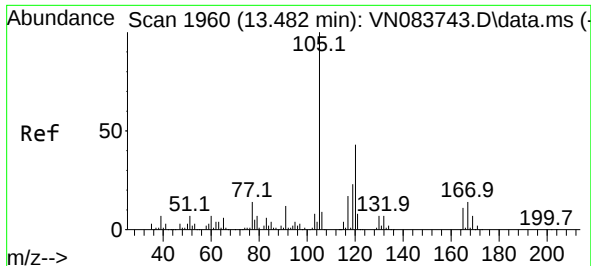
Tgt Ion: 91 Resp: 4345
Ion Ratio Lower Upper
91 100
126 35.2 15.4 46.2



#83
tert-Butylbenzene
Concen: 0.234 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion: 119 Resp: 1471
Ion Ratio Lower Upper
119 100
91 0.0 34.5 103.6#
134 4.2 12.8 38.4#

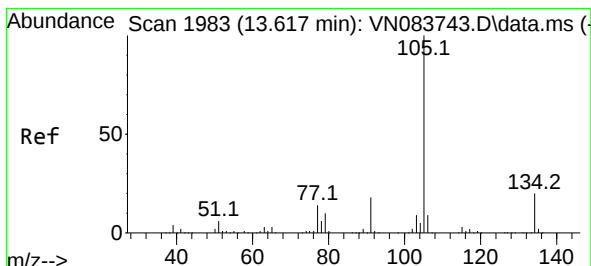
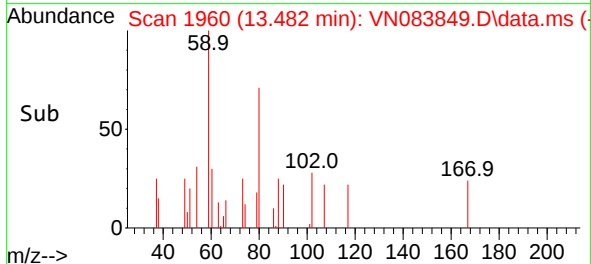
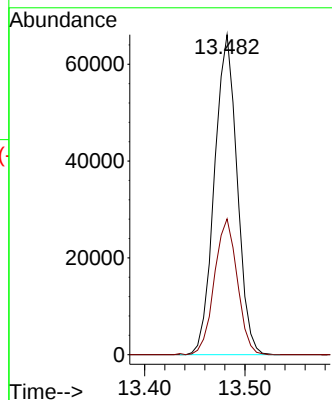
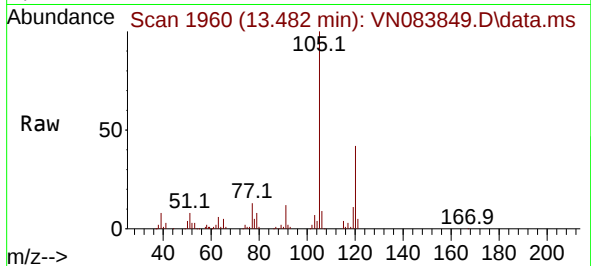




#84
1,2,4-Trimethylbenzene
Concen: 14.339 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

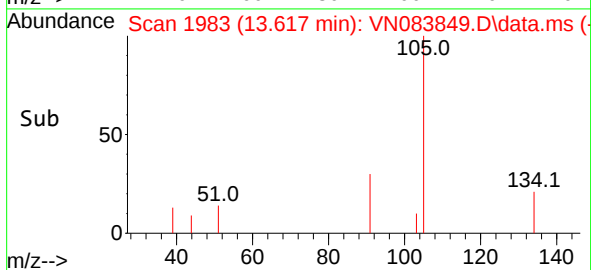
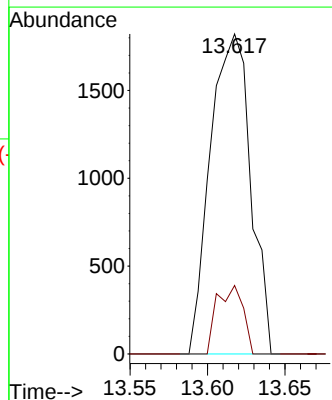
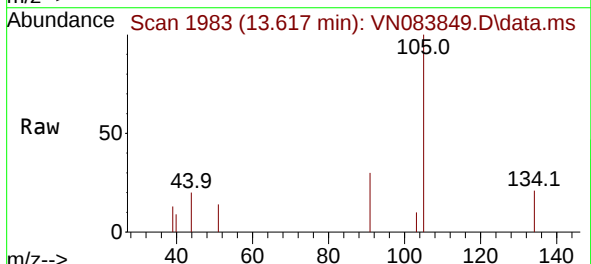
Instrument :
MSVOA_N
ClientSampleId :

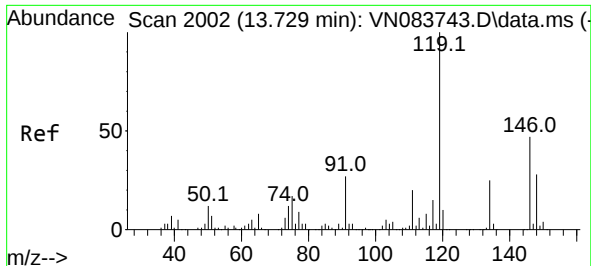
Tgt Ion:105 Resp: 103661
Ion Ratio Lower Upper
105 100
120 42.9 21.8 65.4



#85
sec-Butylbenzene
Concen: 0.394 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

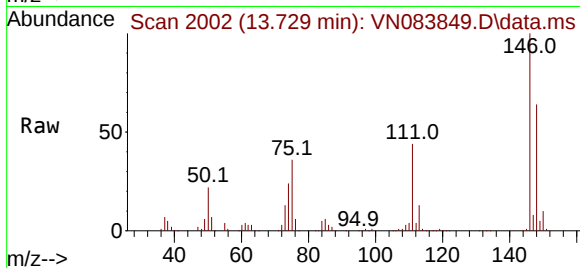
Tgt Ion:105 Resp: 3294
Ion Ratio Lower Upper
105 100
134 13.8 9.7 29.1



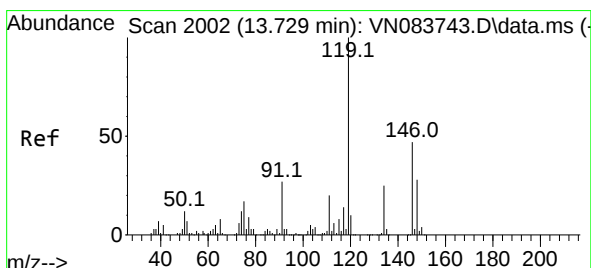
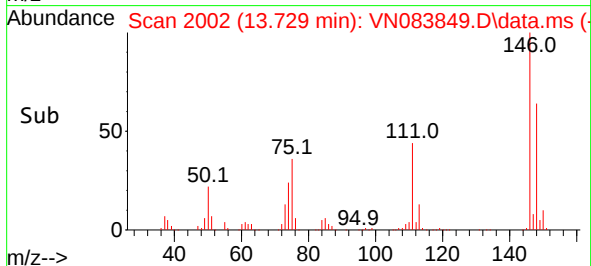
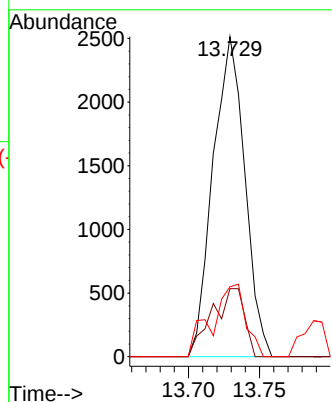


#86
 p-Isopropyltoluene
 Concen: 0.558 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN083849.D
 Acq: 13 Sep 2024 03:25

Instrument :
 MSVOA_N
 ClientSampleId :

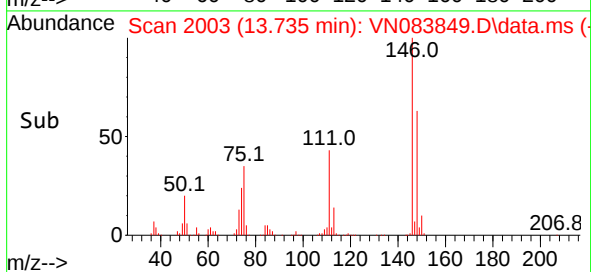
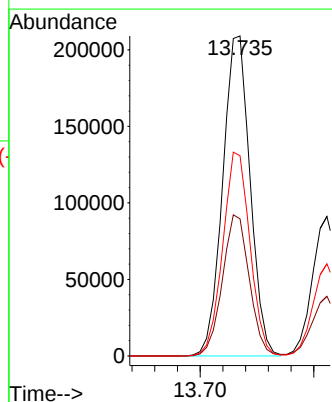
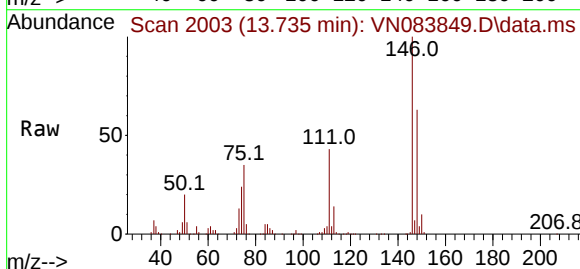


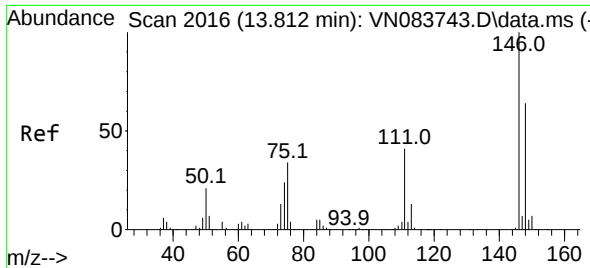
Tgt Ion:	119	Resp:	3907
Ion	Ratio	Lower	Upper
119	100		
134	21.8	12.8	38.3
91	24.3	12.9	38.7



#87
 1,3-Dichlorobenzene
 Concen: 90.339 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN083849.D
 Acq: 13 Sep 2024 03:25

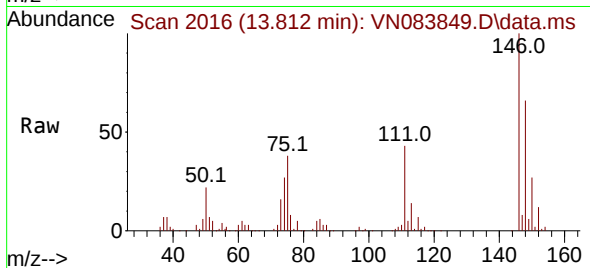
Tgt Ion:	146	Resp:	350320
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.7	65.1
148	63.2	31.7	95.1



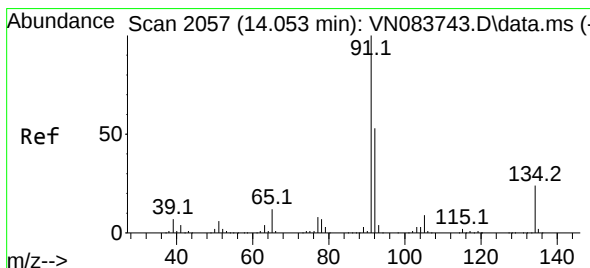
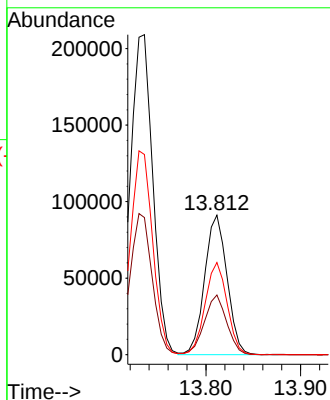
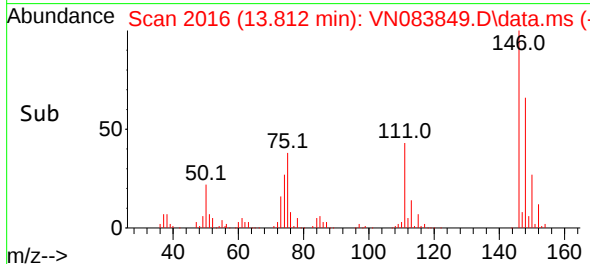


#88
1,4-Dichlorobenzene
Concen: 38.166 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Instrument :
MSVOA_N
ClientSampleId :

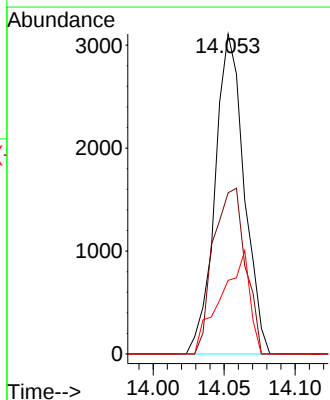
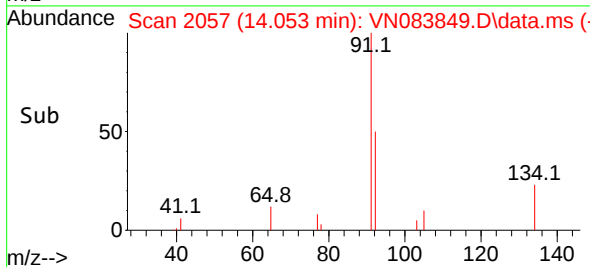
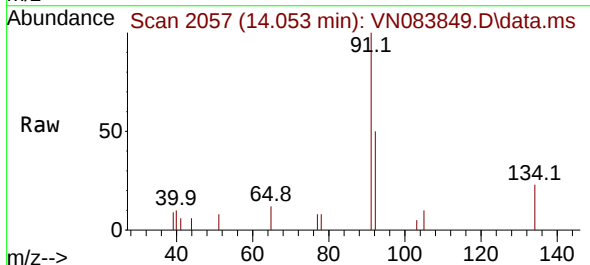


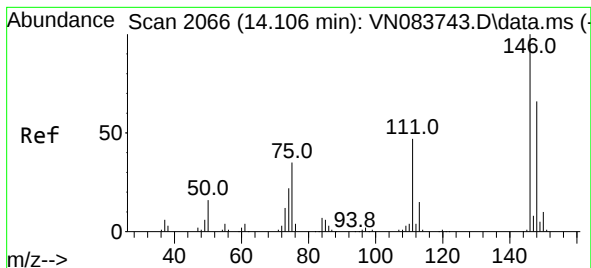
Tgt Ion:146 Resp: 149861
Ion Ratio Lower Upper
146 100
111 42.8 21.3 64.0
148 64.8 32.0 96.2



#89
n-Butylbenzene
Concen: 0.705 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083849.D
Acq: 13 Sep 2024 03:25

Tgt Ion: 91 Resp: 4433
Ion Ratio Lower Upper
91 100
92 57.2 26.7 80.1
134 31.8 12.2 36.4





#91

1,2-Dichlorobenzene

Concen: 13.283 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

Instrument :

MSVOA_N

ClientSampleId :

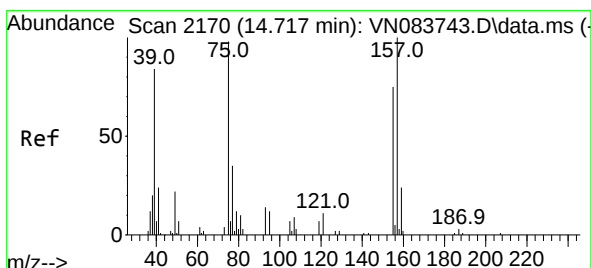
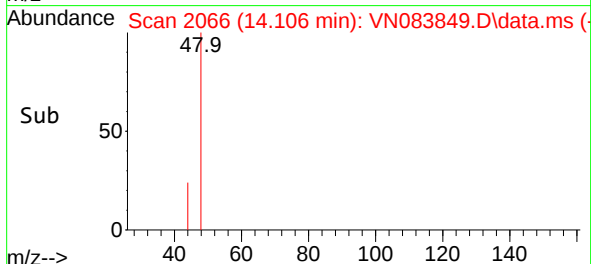
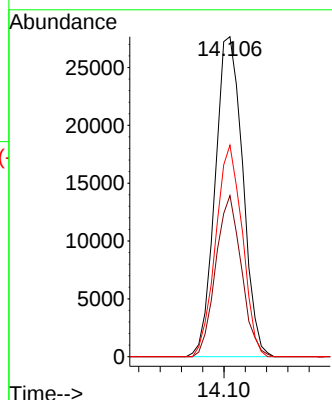
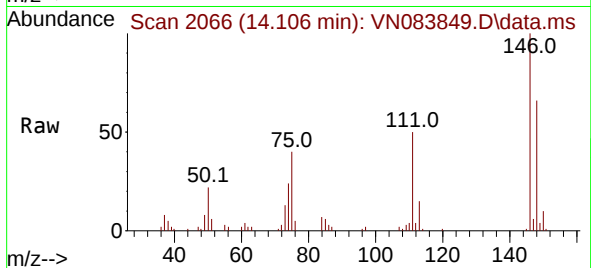
Tgt Ion:146 Resp: 49712

Ion Ratio Lower Upper

146 100

111 46.9 22.8 68.3

148 63.5 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 121.963 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

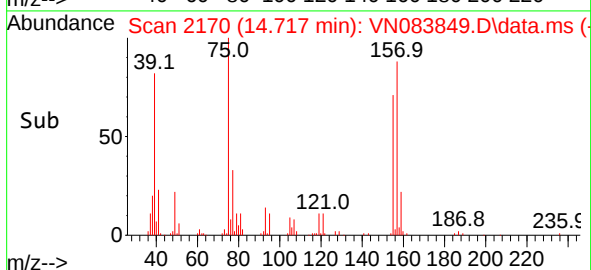
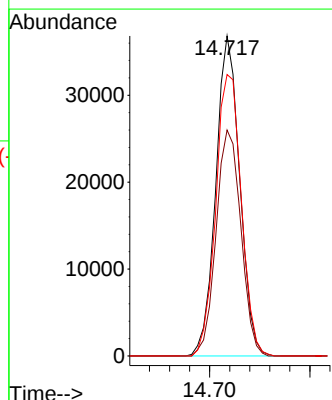
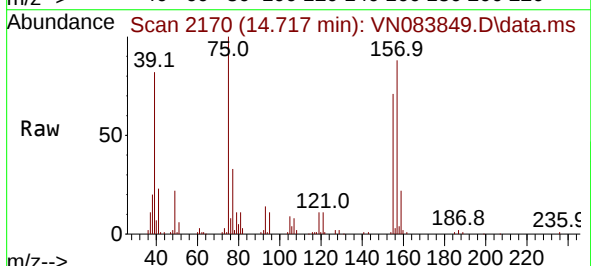
Tgt Ion: 75 Resp: 60978

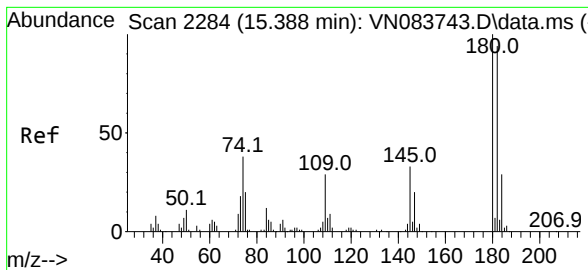
Ion Ratio Lower Upper

75 100

155 73.2 35.9 107.7

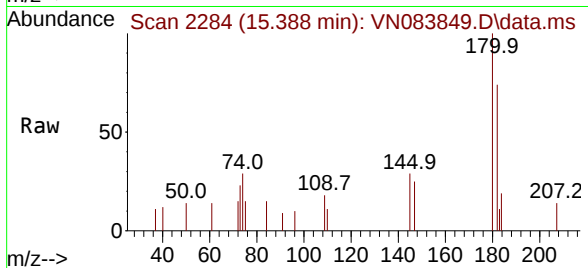
157 93.8 47.5 142.5



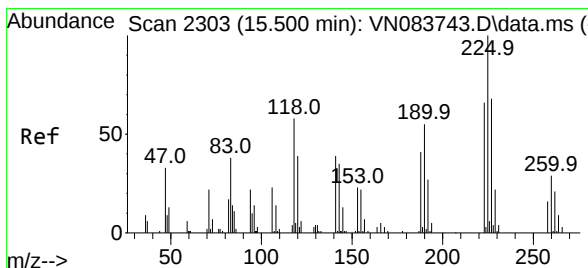
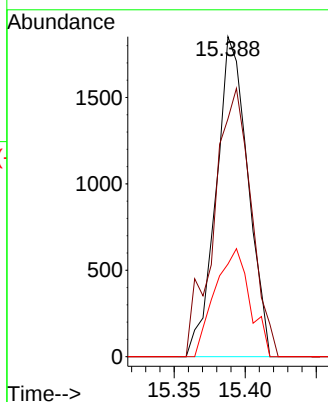
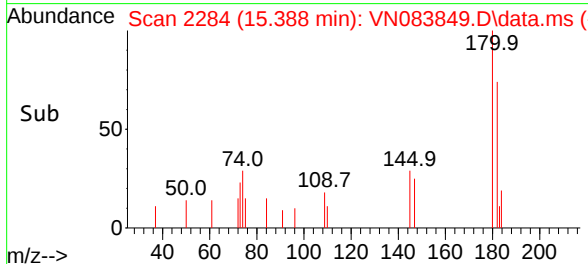


#93
 1,2,4-Trichlorobenzene
 Concen: 1.431 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN083849.D
 Acq: 13 Sep 2024 03:25

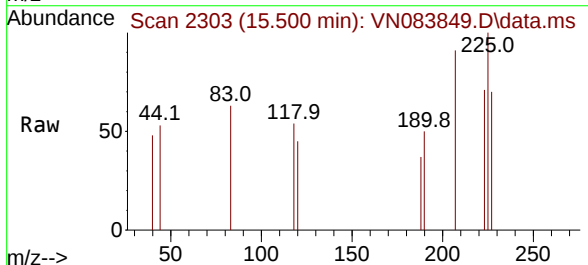
Instrument :
 MSVOA_N
 ClientSampleId :



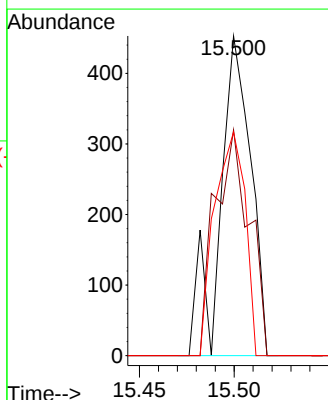
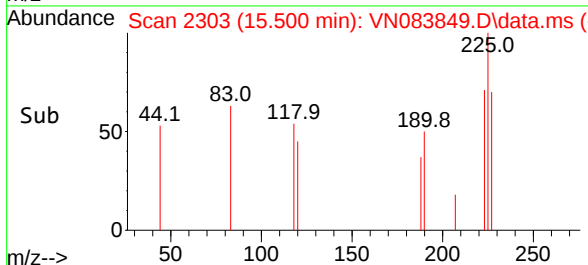
Tgt Ion:180 Resp: 2874
 Ion Ratio Lower Upper
 180 100
 182 98.6 48.1 144.3
 145 37.2 16.9 50.7

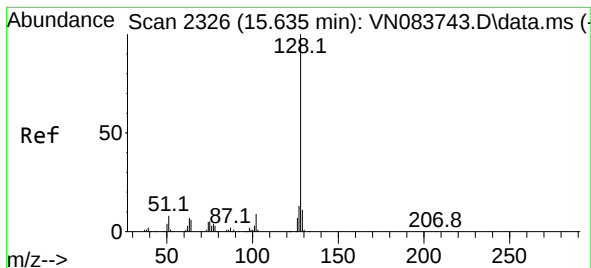


#94
 Hexachlorobutadiene
 Concen: 0.603 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN083849.D
 Acq: 13 Sep 2024 03:25



Tgt Ion:225 Resp: 514
 Ion Ratio Lower Upper
 225 100
 223 78.2 31.9 95.5
 227 69.3 32.0 96.2





#95

Naphthalene

Concen: 74.853 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

Instrument :

MSVOA_N

ClientSampleId :

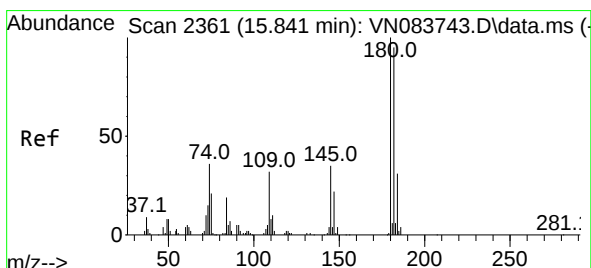
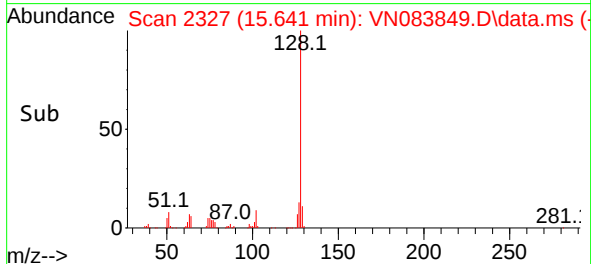
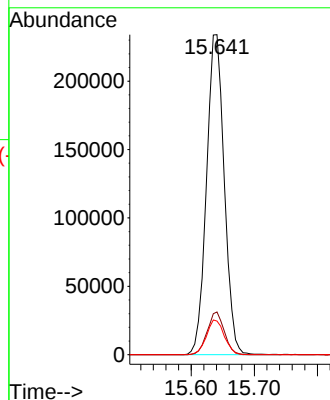
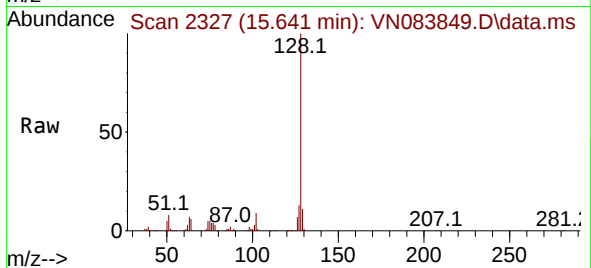
Tgt Ion:128 Resp: 457351

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.471 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN083849.D

Acq: 13 Sep 2024 03:25

Tgt Ion:180 Resp: 2823

Ion Ratio Lower Upper

180 100

182 92.7 47.1 141.4

145 34.3 17.8 53.5

