

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080724\
 Data File : VN083142.D
 Acq On : 07 Aug 2024 14:49
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080724

Quant Time: Aug 08 06:35:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards							
1) Pentafluorobenzene		8.224	168	223686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.100	114	380000	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.865	117	330951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.794	152	157193	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.577	65	161051	50.583	ug/l	0.00
Spiked Amount 50.000		Range	74 - 125	Recovery	= 101.160%		
35) Dibromofluoromethane		8.165	113	122268	51.549	ug/l	0.00
Spiked Amount 50.000		Range	75 - 124	Recovery	= 103.100%		
50) Toluene-d8		10.565	98	461627	52.175	ug/l	0.00
Spiked Amount 50.000		Range	86 - 113	Recovery	= 104.340%		
62) 4-Bromofluorobenzene		12.847	95	181344	52.574	ug/l	0.00
Spiked Amount 50.000		Range	64 - 133	Recovery	= 105.140%		
Target Compounds							Qvalue
2) Dichlorodifluoromethane		2.124	85	119481	47.102	ug/l	99
3) Chloromethane		2.360	50	120081	46.238	ug/l	97
4) Vinyl Chloride		2.512	62	121730	45.937	ug/l	99
5) Bromomethane		2.948	94	70678	42.984	ug/l	99
6) Chloroethane		3.112	64	72491	43.725	ug/l	96
7) Trichlorofluoromethane		3.495	101	206291	47.124	ug/l	98
8) Diethyl Ether		3.959	74	75355	46.259	ug/l	85
9) 1,1,2-Trichlorotrifluo...		4.365	101	113860	47.176	ug/l	99
10) Methyl Iodide		4.589	142	150327	47.349	ug/l	97
11) Tert butyl alcohol		5.524	59	137718	208.135	ug/l	99
12) 1,1-Dichloroethene		4.336	96	112976	45.562	ug/l	93
13) Acrolein		4.177	56	93826	217.571	ug/l	97
14) Allyl chloride		5.018	41	192929	41.173	ug/l	94
15) Acrylonitrile		5.712	53	296594	217.950	ug/l	99
16) Acetone		4.424	43	262677	210.840	ug/l	97
17) Carbon Disulfide		4.712	76	316980	43.689	ug/l	100
18) Methyl Acetate		5.024	43	157374	42.397	ug/l #	91
19) Methyl tert-butyl Ether		5.795	73	418691	46.781	ug/l	97
20) Methylene Chloride		5.277	84	125142	43.645	ug/l #	82
21) trans-1,2-Dichloroethene		5.783	96	117045	45.671	ug/l	92
22) Diisopropyl ether		6.671	45	412931	46.881	ug/l	97
23) Vinyl Acetate		6.600	43	2125343	235.414	ug/l	95
24) 1,1-Dichloroethane		6.565	63	224136	46.685	ug/l	99
25) 2-Butanone		7.483	43	405134	211.782	ug/l	91
26) 2,2-Dichloropropane		7.489	77	213355	47.853	ug/l	97
27) cis-1,2-Dichloroethene		7.483	96	142606	46.113	ug/l	93
28) Bromochloromethane		7.812	49	90226	45.986	ug/l	86
29) Tetrahydrofuran		7.836	42	274710	222.147	ug/l	89
30) Chloroform		7.965	83	236359	47.387	ug/l	97
31) Cyclohexane		8.253	56	205124	43.474	ug/l	96
32) 1,1,1-Trichloroethane		8.165	97	222538	47.135	ug/l	96
36) 1,1-Dichloropropene		8.371	75	171262	47.732	ug/l	99
37) Ethyl Acetate		7.559	43	173246	43.124	ug/l #	96
38) Carbon Tetrachloride		8.365	117	193592	47.904	ug/l	100
39) Methylcyclohexane		9.600	83	210745	47.821	ug/l	98
40) Benzene		8.606	78	509159	47.635	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	98251	43.013	ug/l	95
42) 1,2-Dichloroethane	8.671	62	184210	47.310	ug/l	98
43) Isopropyl Acetate	8.689	43	319540	45.577	ug/l #	95
44) Trichloroethene	9.353	130	122105	47.994	ug/l	99
45) 1,2-Dichloropropane	9.624	63	122313	48.208	ug/l	99
46) Dibromomethane	9.712	93	85581	47.124	ug/l	99
47) Bromodichloromethane	9.888	83	191842	47.047	ug/l	98
48) Methyl methacrylate	9.683	41	148161	44.609	ug/l	92
49) 1,4-Dioxane	9.694	88	53042	885.211	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	877246	230.917	ug/l	94
52) Toluene	10.630	92	327682	48.520	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	208495	49.776	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	216020	48.487	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	117023	48.351	ug/l	99
56) Ethyl methacrylate	10.871	69	216248	47.395	ug/l	88
57) 1,3-Dichloropropane	11.165	76	204441	47.391	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	472357	244.918	ug/l	96
59) 2-Hexanone	11.194	43	661033	224.916	ug/l	92
60) Dibromochloromethane	11.359	129	144886	49.513	ug/l	99
61) 1,2-Dibromoethane	11.471	107	119834	47.133	ug/l	98
64) Tetrachloroethene	11.106	164	105591	48.175	ug/l	97
65) Chlorobenzene	11.888	112	347560	47.522	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	120826	46.843	ug/l	98
67) Ethyl Benzene	11.965	91	640827	47.764	ug/l	99
68) m/p-Xylenes	12.071	106	484653	96.434	ug/l	98
69) o-Xylene	12.400	106	231292	46.662	ug/l	97
70) Styrene	12.412	104	403657	48.487	ug/l	98
71) Bromoform	12.577	173	93397	47.797	ug/l #	99
73) Isopropylbenzene	12.694	105	616544	46.893	ug/l	99
74) N-amyl acetate	12.494	43	281352	43.748	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	159962	43.016	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	229573	66.543	ug/l	47
77) Bromobenzene	12.982	156	136249	46.649	ug/l	97
78) n-propylbenzene	13.035	91	721825	47.678	ug/l	99
79) 2-Chlorotoluene	13.124	91	445353	46.398	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	524769	47.673	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	74654	47.070	ug/l	84
82) 4-Chlorotoluene	13.224	91	447810	46.512	ug/l	98
83) tert-Butylbenzene	13.435	119	450104	46.173	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	515759	46.493	ug/l	99
85) sec-Butylbenzene	13.618	105	625404	47.018	ug/l	100
86) p-Isopropyltoluene	13.729	119	522411	47.566	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	252579	45.959	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	252088	45.499	ug/l	98
89) n-Butylbenzene	14.059	91	461440	48.489	ug/l	98
90) Hexachloroethane	14.335	117	99176	46.741	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	240673	45.255	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37677	41.753	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	137214	46.054	ug/l	96
94) Hexachlorobutadiene	15.500	225	57394	43.315	ug/l	98
95) Naphthalene	15.641	128	471674	44.692	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	133315	45.221	ug/l	95

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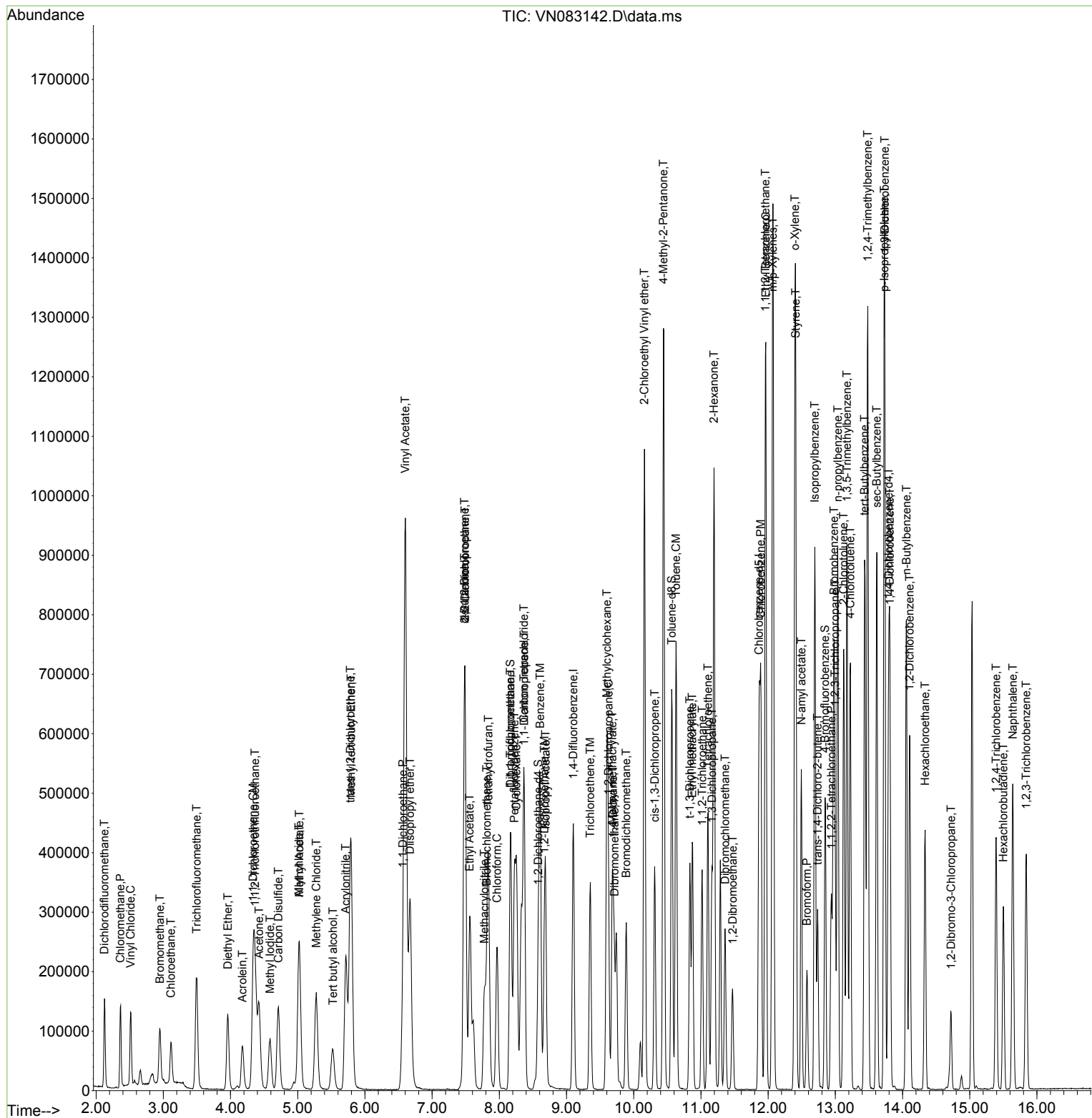
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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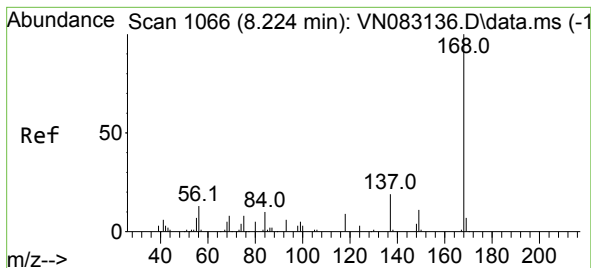
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

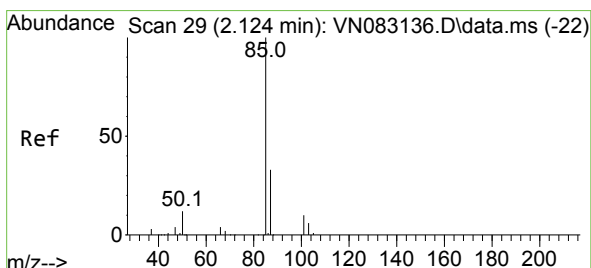
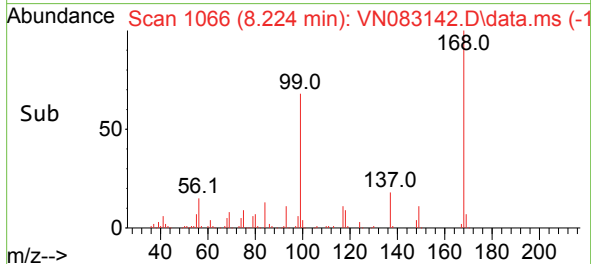
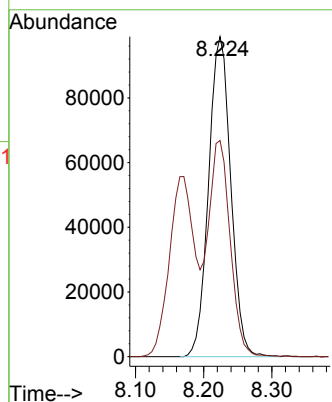
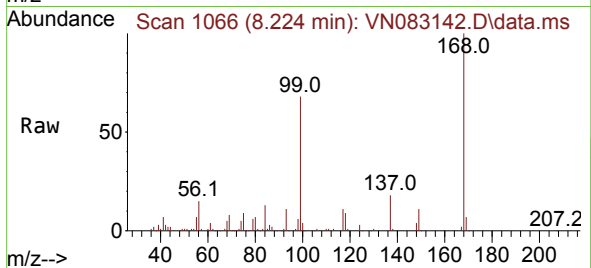
ICVVN080724

Tgt Ion:168 Resp: 223686

Ion Ratio Lower Upper

168 100

99 67.4 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 47.102 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN083142.D

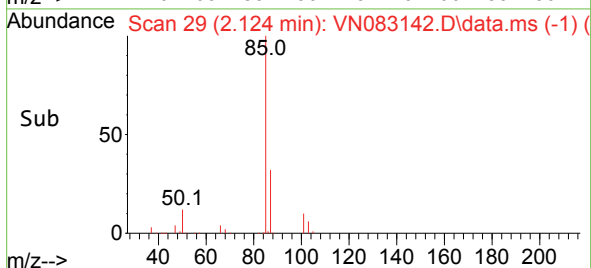
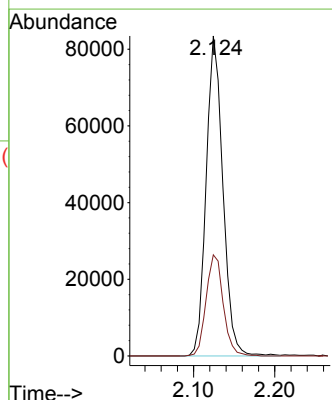
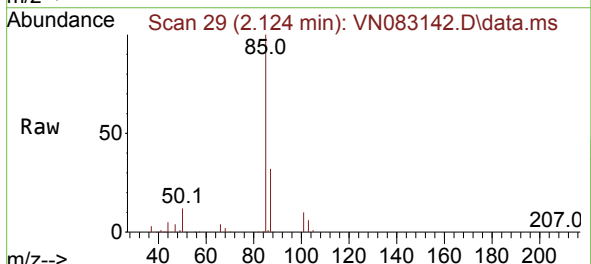
Acq: 07 Aug 2024 14:49

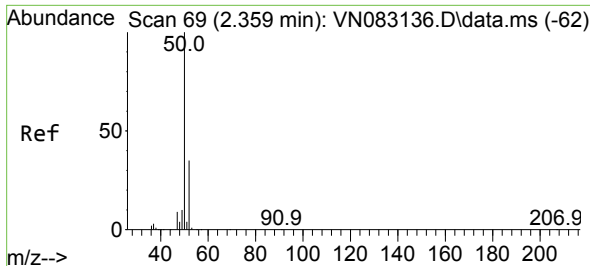
Tgt Ion: 85 Resp: 119481

Ion Ratio Lower Upper

85 100

87 31.6 15.7 47.0

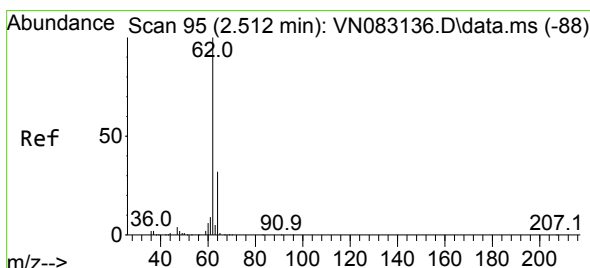
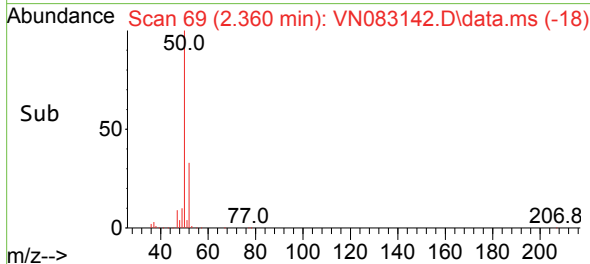
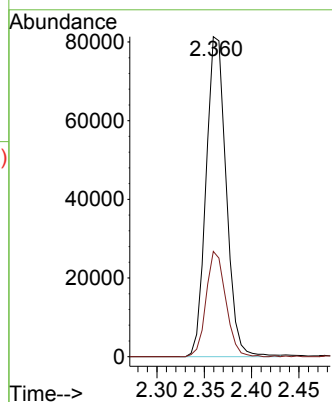
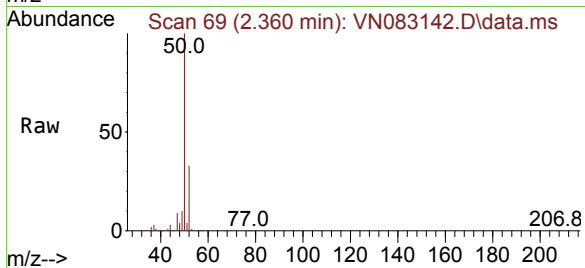




#3
Chloromethane
Concen: 46.238 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083142.D
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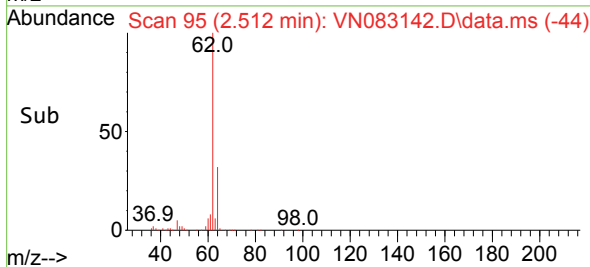
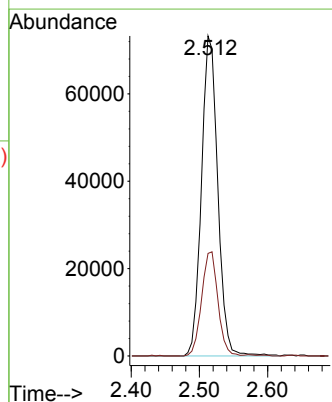
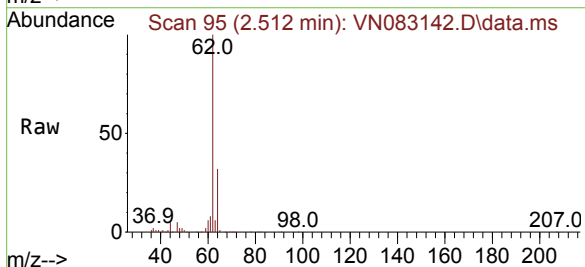
Instrument :
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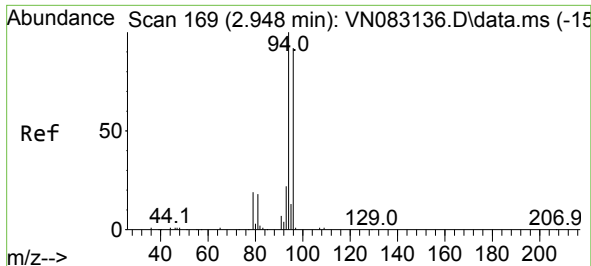
Tgt Ion: 50 Resp: 120081
Ion Ratio Lower Upper
50 100
52 32.9 25.0 37.4



#4
Vinyl Chloride
Concen: 45.937 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 62 Resp: 121730
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6

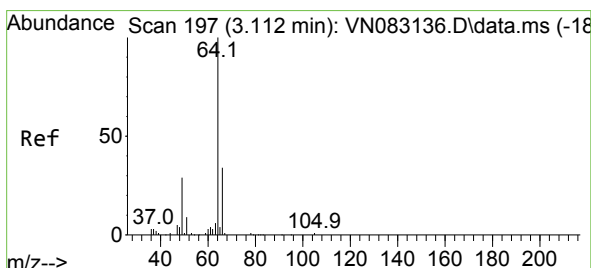
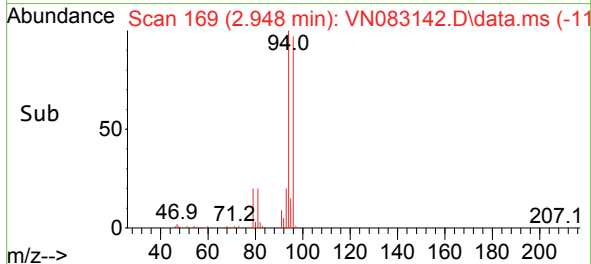
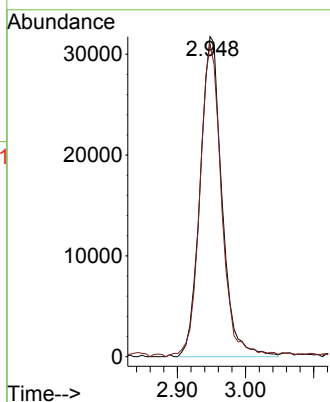
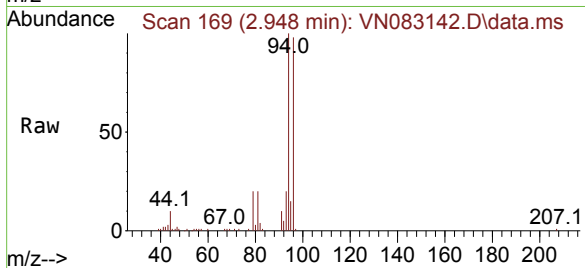




#5
Bromomethane
Concen: 42.984 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
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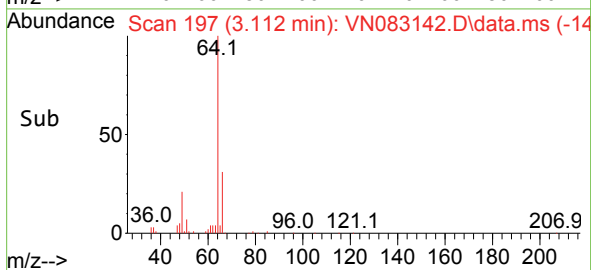
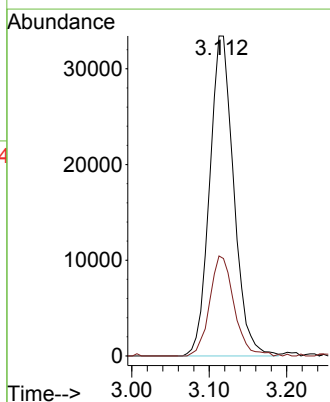
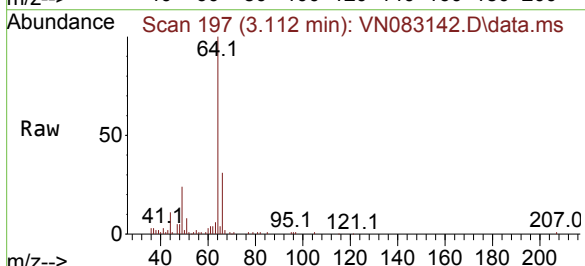
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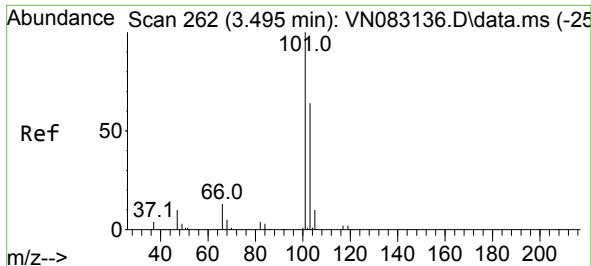
Tgt Ion: 94 Resp: 70678
Ion Ratio Lower Upper
94 100
96 96.9 78.0 117.0



#6
Chloroethane
Concen: 43.725 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 72491
Ion Ratio Lower Upper
64 100
66 31.3 26.6 40.0

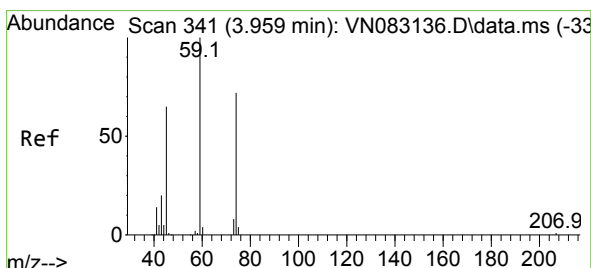
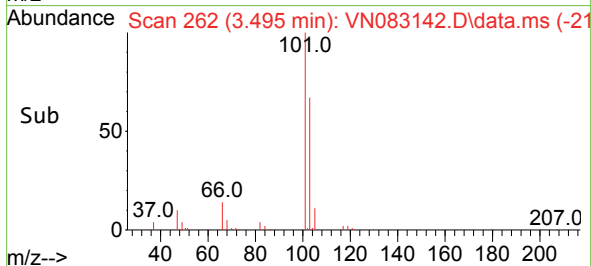
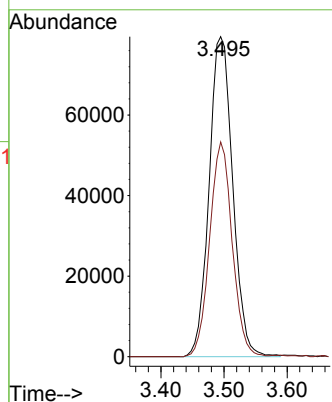
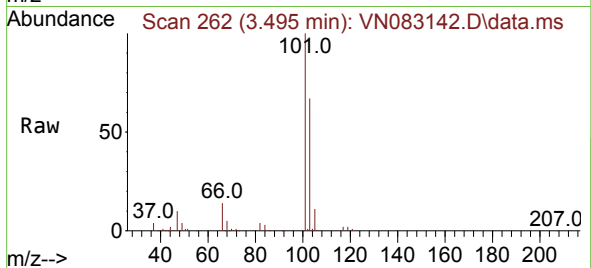




#7
 Trichlorofluoromethane
 Concen: 47.124 ug/l
 RT: 3.495 min Scan# 206
 Delta R.T. -0.000 min
 Lab File: VN083142.D
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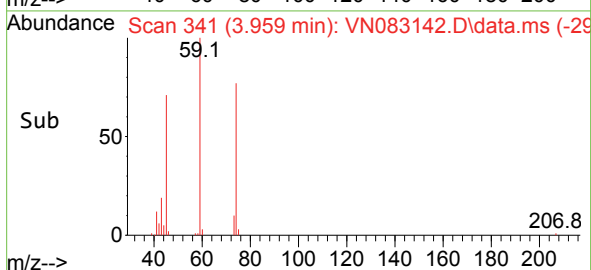
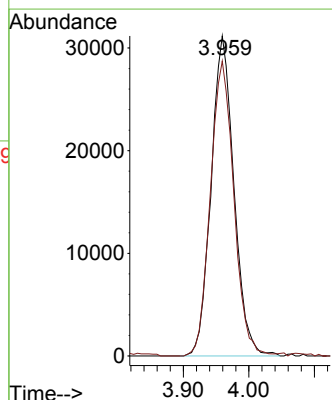
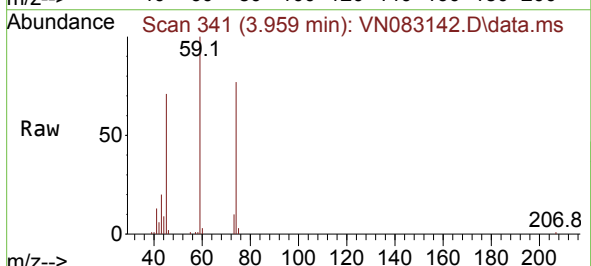
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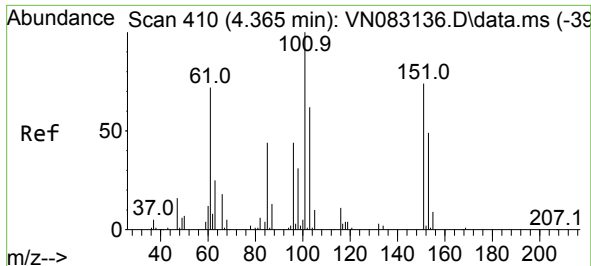
Tgt Ion:101 Resp: 206291
 Ion Ratio Lower Upper
 101 100
 103 67.1 52.7 79.1



#8
 Diethyl Ether
 Concen: 46.259 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 75355
 Ion Ratio Lower Upper
 74 100
 45 94.7 55.5 166.3

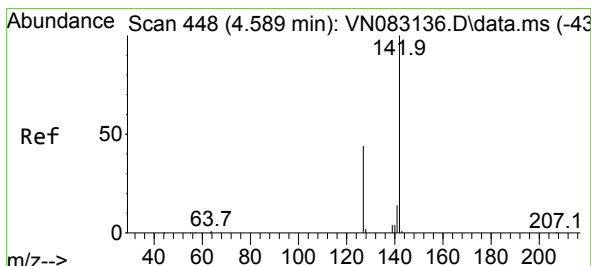
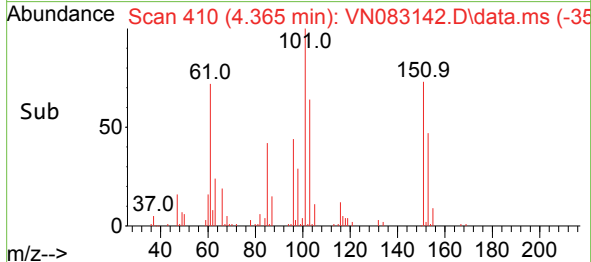
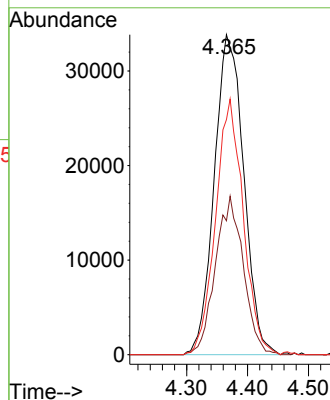
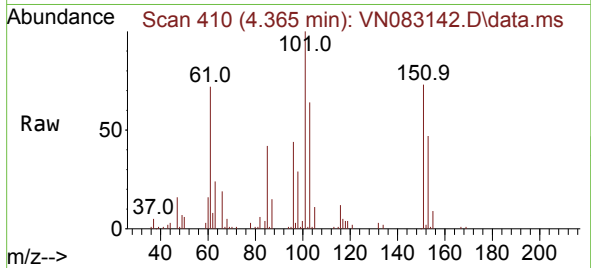




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.176 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

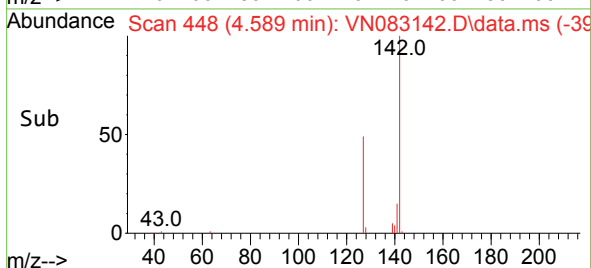
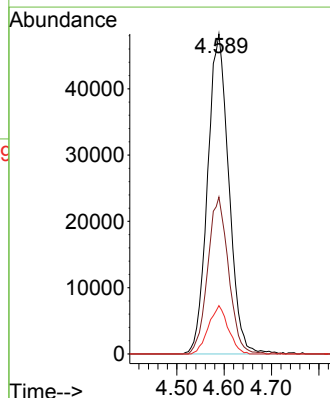
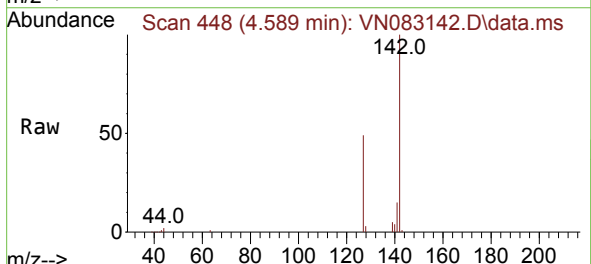
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

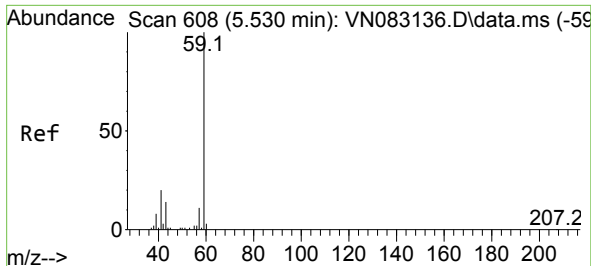
Tgt Ion:101 Resp: 113860
Ion Ratio Lower Upper
101 100
85 47.0 38.3 57.5
151 75.1 59.3 88.9



#10
Methyl Iodide
Concen: 47.349 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion:142 Resp: 150327
Ion Ratio Lower Upper
142 100
127 49.1 37.5 56.3
141 15.1 13.1 19.7

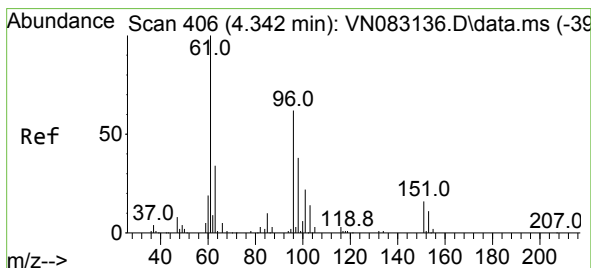
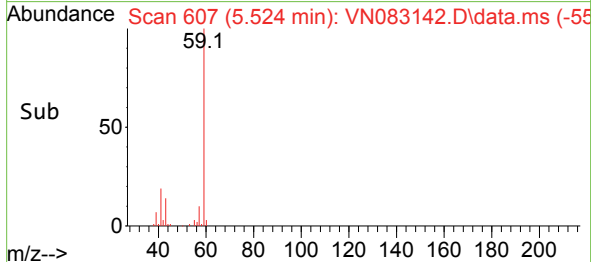
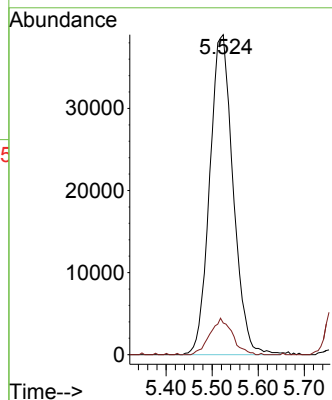
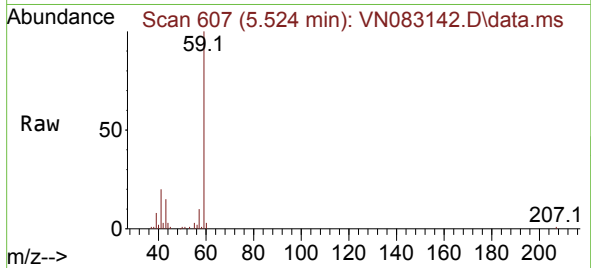




#11
Tert butyl alcohol
Concen: 208.135 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

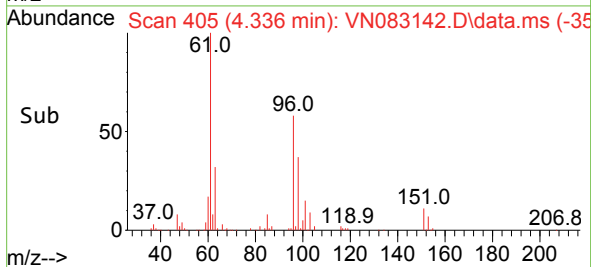
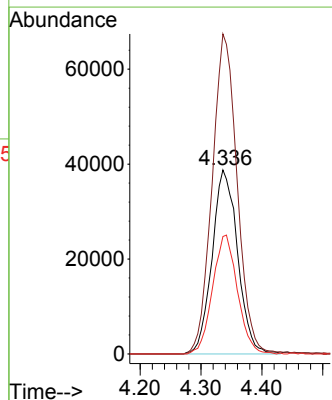
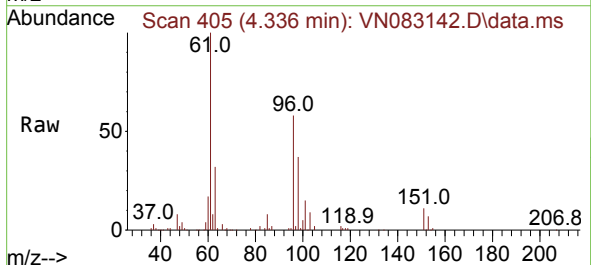
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

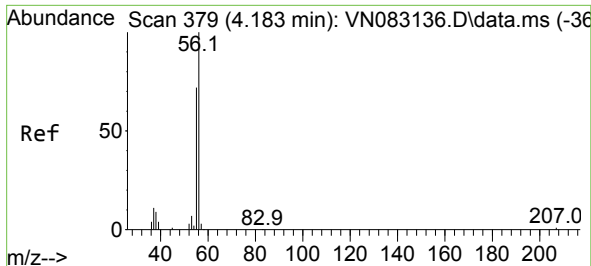
Tgt Ion: 59 Resp: 137718
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3



#12
1,1-Dichloroethene
Concen: 45.562 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 96 Resp: 112976
Ion Ratio Lower Upper
96 100
61 173.9 149.7 224.5
98 63.8 50.1 75.1

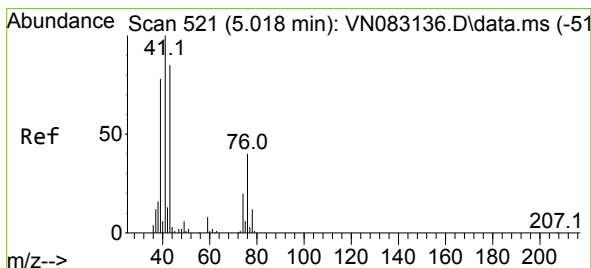
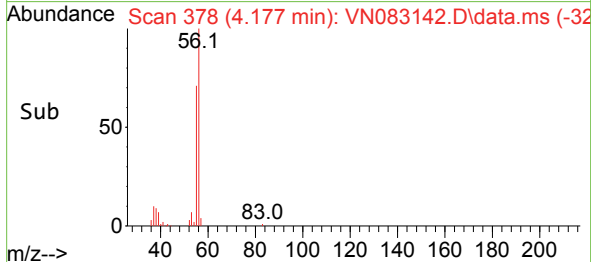
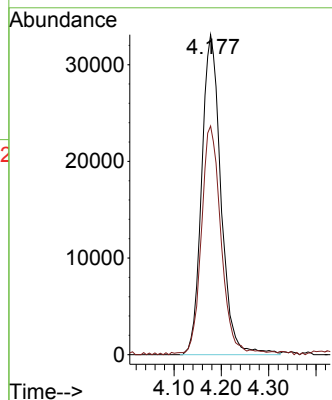
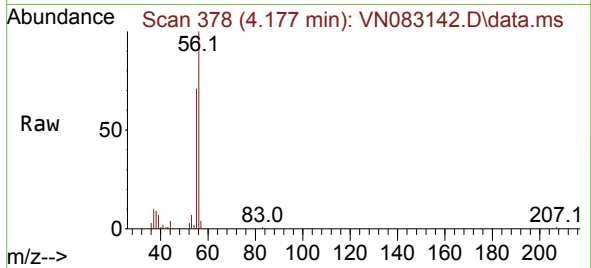




#13
Acrolein
Concen: 217.571 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

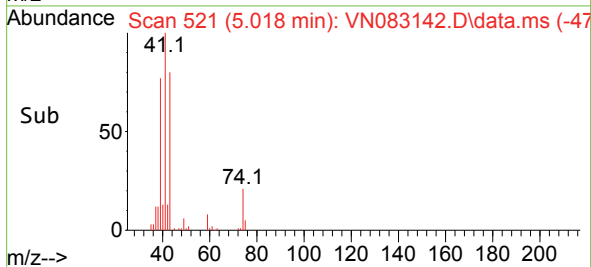
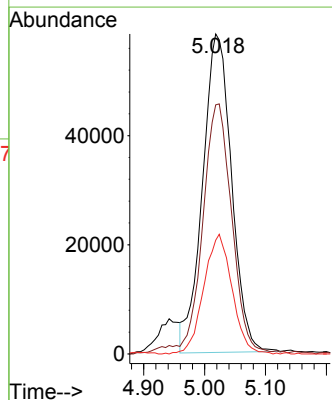
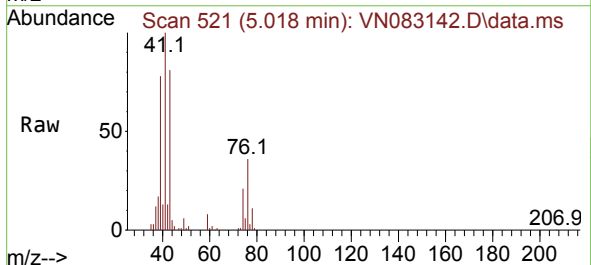
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

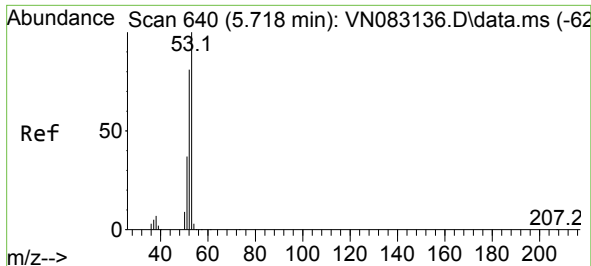
Tgt Ion: 56 Resp: 93826
Ion Ratio Lower Upper
56 100
55 73.1 56.4 84.6



#14
Allyl chloride
Concen: 41.173 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 41 Resp: 192929
Ion Ratio Lower Upper
41 100
39 79.9 67.8 101.6
76 36.7 25.8 38.8





#15

Acrylonitrile

Concen: 217.950 ug/l

RT: 5.712 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN083142.D

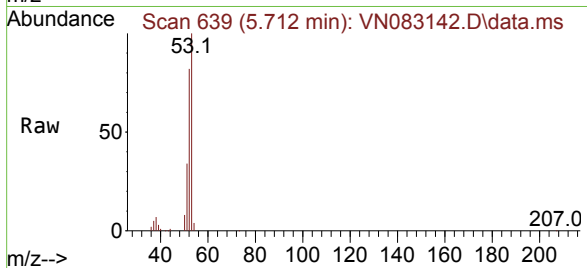
Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080724



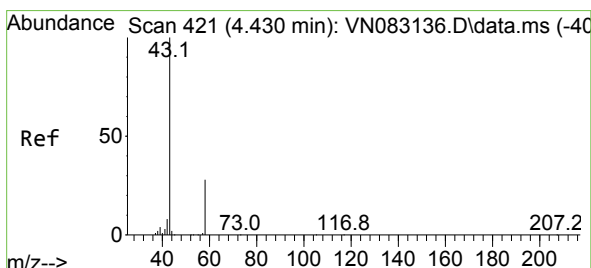
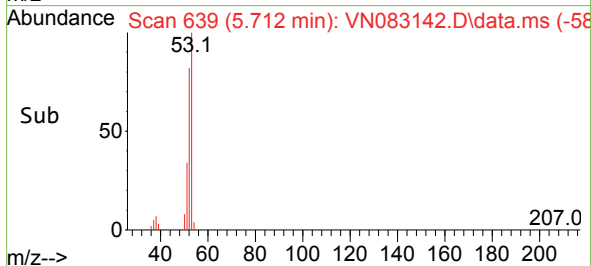
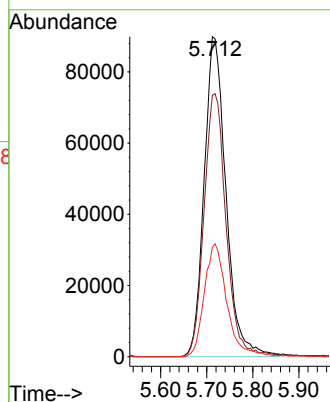
Tgt Ion: 53 Resp: 296594

Ion Ratio Lower Upper

53 100

52 82.9 66.6 100.0

51 36.5 30.1 45.1



#16

Acetone

Concen: 210.840 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.006 min

Lab File: VN083142.D

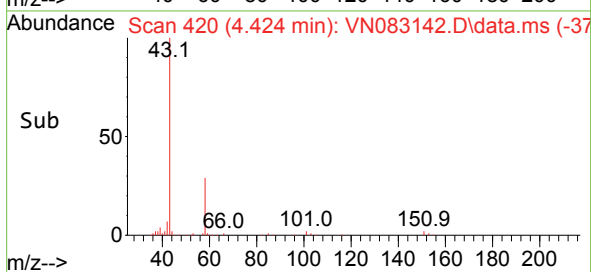
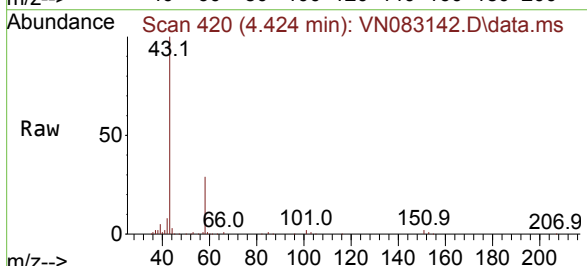
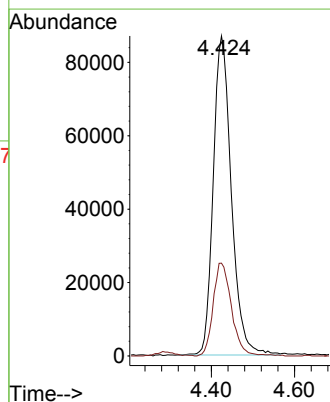
Acq: 07 Aug 2024 14:49

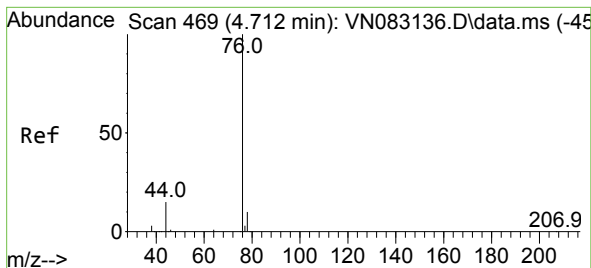
Tgt Ion: 43 Resp: 262677

Ion Ratio Lower Upper

43 100

58 28.9 21.8 32.6





#17

Carbon Disulfide

Concen: 43.689 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

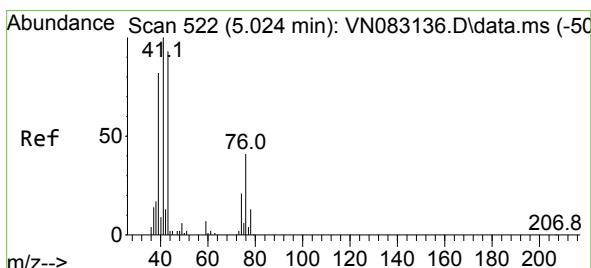
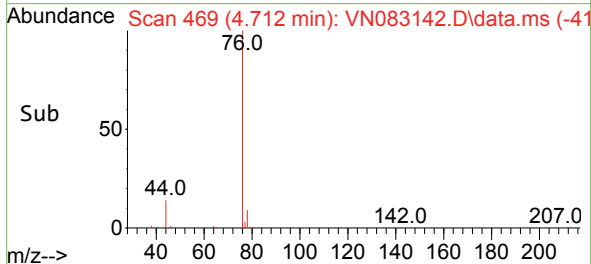
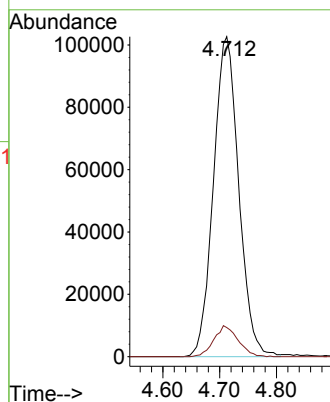
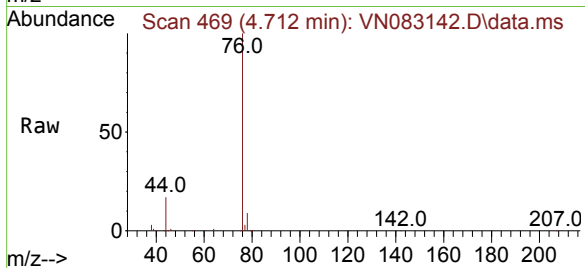
ICVVN080724

Tgt Ion: 76 Resp: 316980

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 42.397 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN083142.D

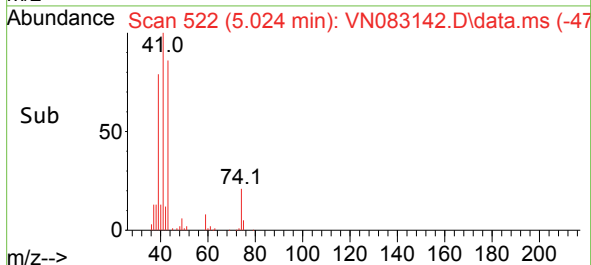
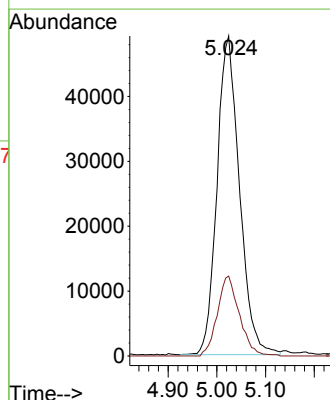
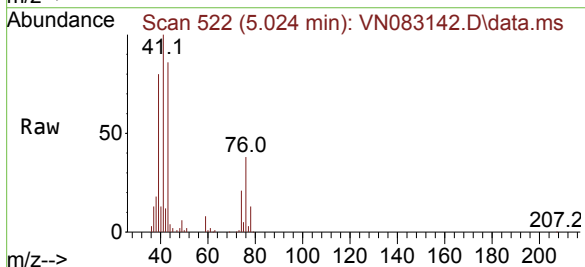
Acq: 07 Aug 2024 14:49

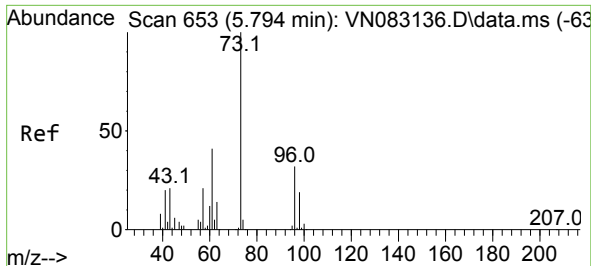
Tgt Ion: 43 Resp: 157374

Ion Ratio Lower Upper

43 100

74 24.6 16.3 24.5#

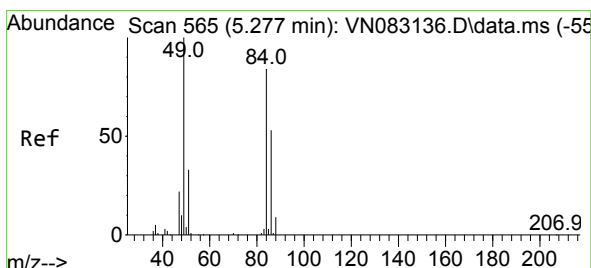
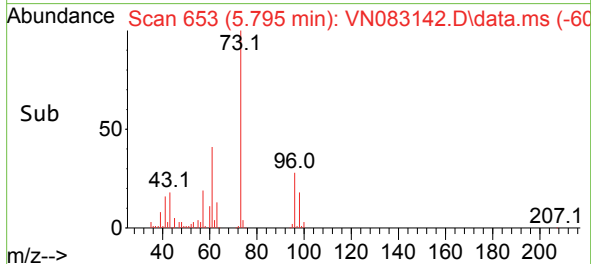
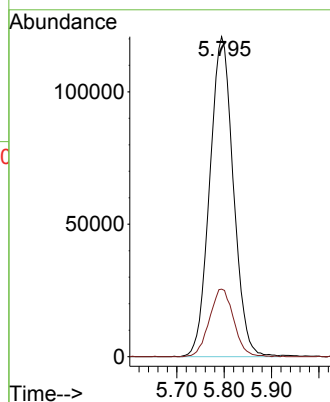
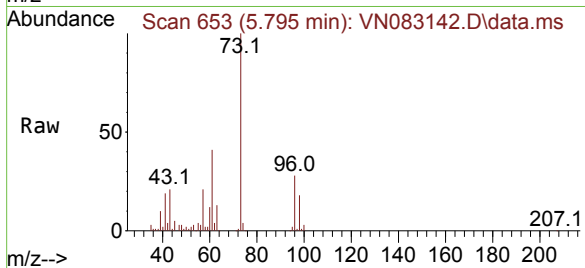




#19
Methyl tert-butyl Ether
Concen: 46.781 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

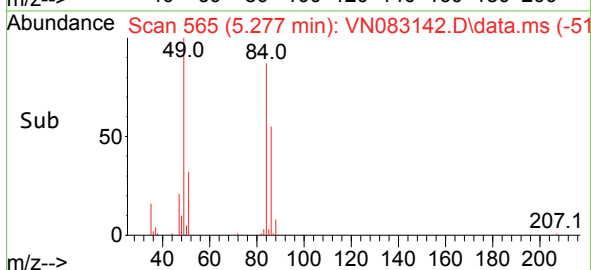
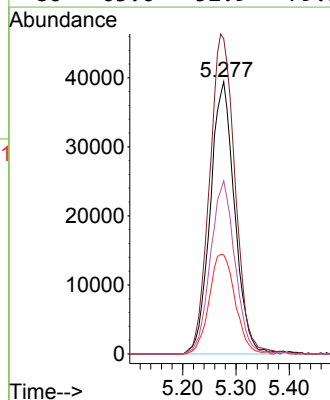
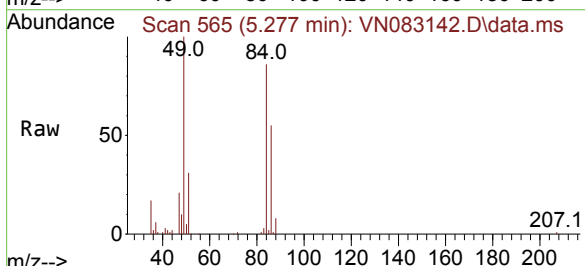
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

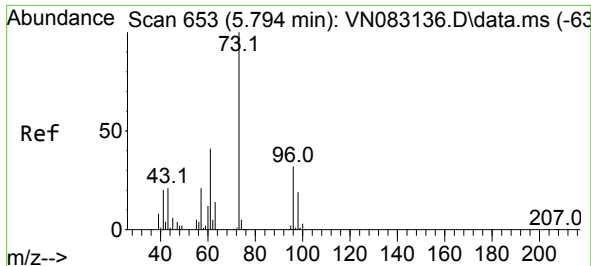
Tgt Ion: 73 Resp: 418691
Ion Ratio Lower Upper
73 100
57 21.1 17.9 26.9



#20
Methylene Chloride
Concen: 43.645 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 84 Resp: 125142
Ion Ratio Lower Upper
84 100
49 115.8 119.6 179.4#
51 36.5 34.8 52.2
86 63.6 52.9 79.3

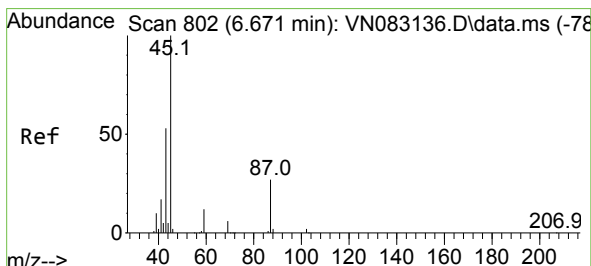
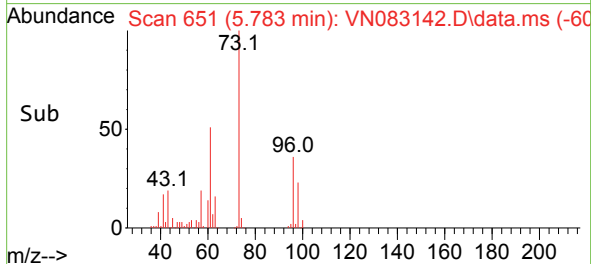
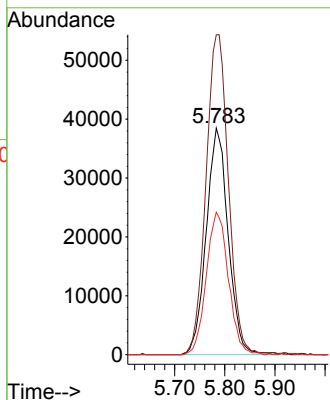
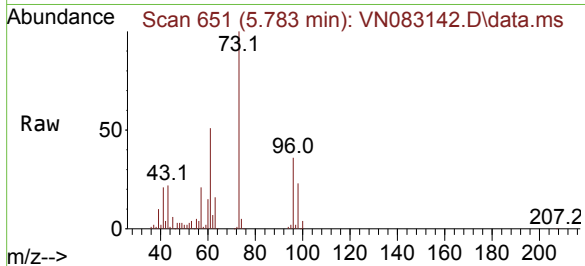




#21
trans-1,2-Dichloroethene
Concen: 45.671 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

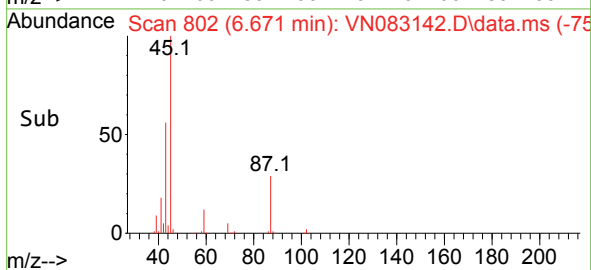
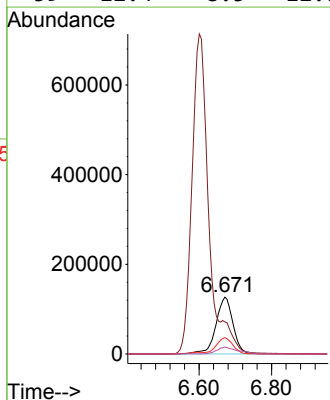
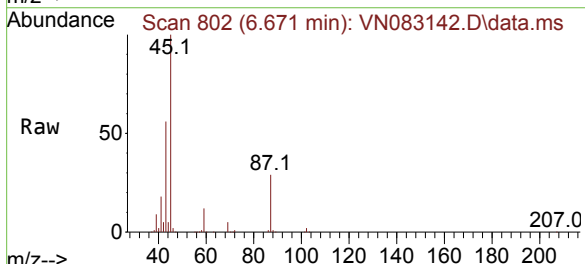
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

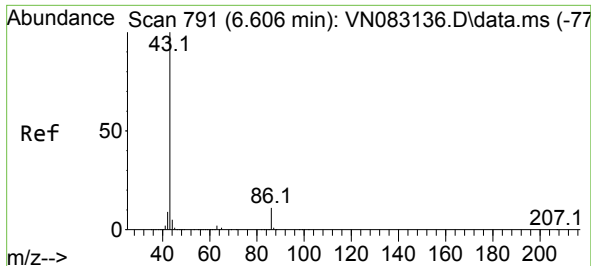
Tgt Ion: 96 Resp: 117045
Ion Ratio Lower Upper
96 100
61 141.1 123.4 185.2
98 62.9 49.3 73.9



#22
Diisopropyl ether
Concen: 46.881 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 45 Resp: 412931
Ion Ratio Lower Upper
45 100
43 55.6 44.0 66.0
87 28.6 19.7 29.5
59 12.4 8.5 12.7

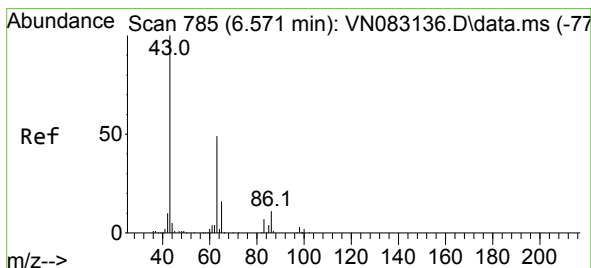
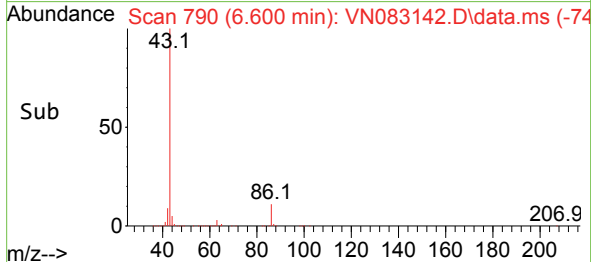
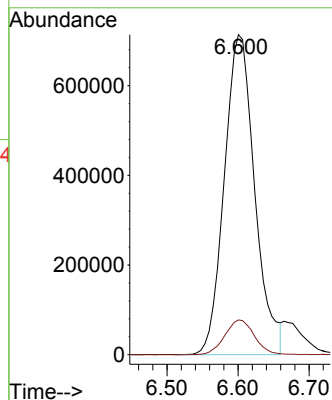
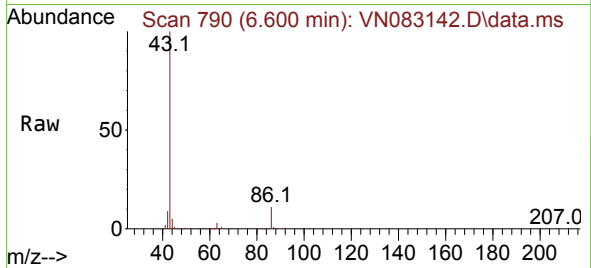




#23
 Vinyl Acetate
 Concen: 235.414 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083142.D
 Acq: 07 Aug 2024 14:49

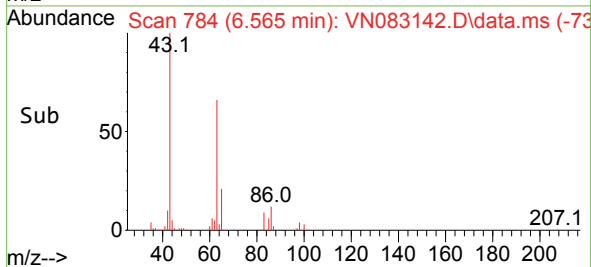
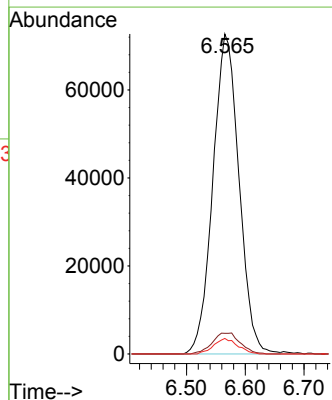
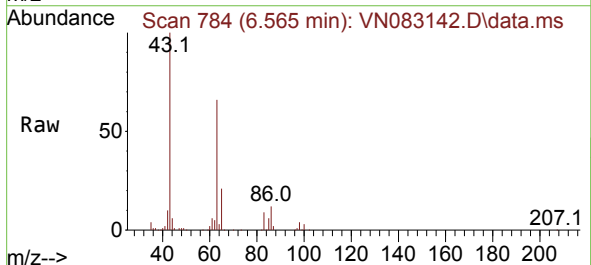
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080724

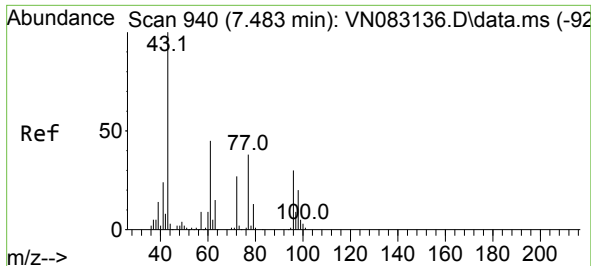
Tgt Ion: 43 Resp: 2125343
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 46.685 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083142.D
 Acq: 07 Aug 2024 14:49

Tgt Ion: 63 Resp: 224136
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.9 2.0 6.0

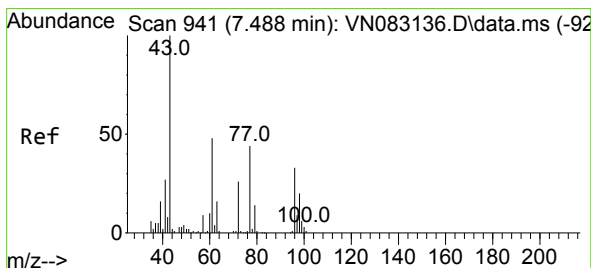
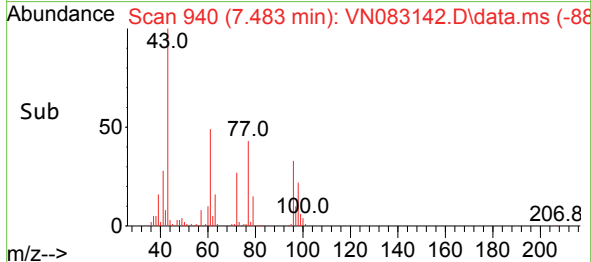
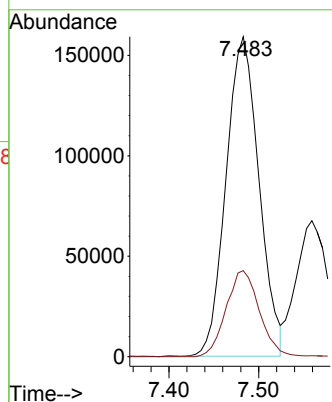
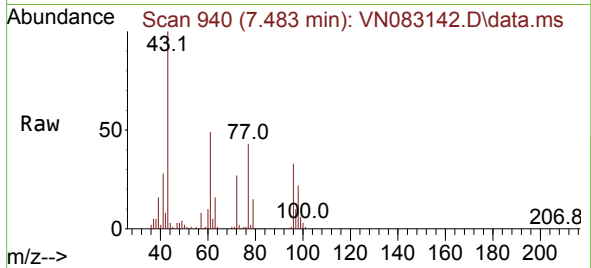




#25
2-Butanone
Concen: 211.782 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

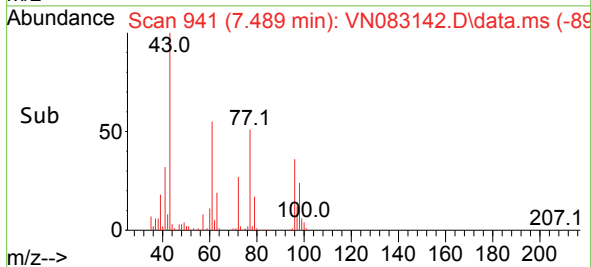
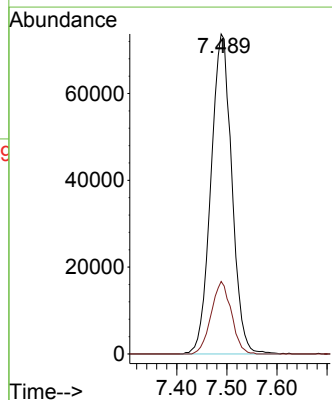
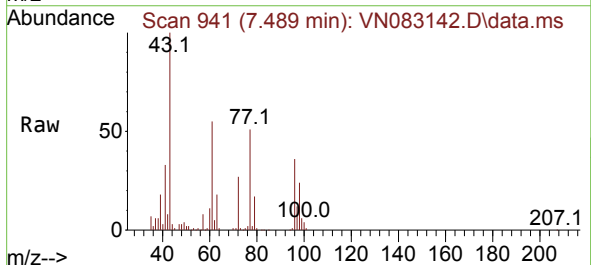
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

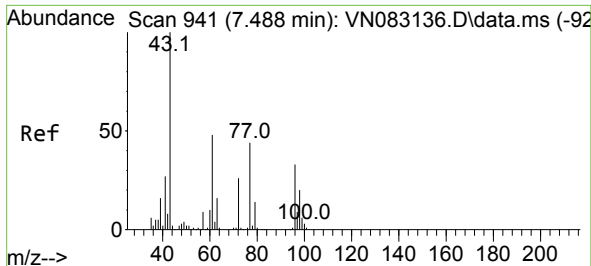
Tgt Ion: 43 Resp: 405134
Ion Ratio Lower Upper
43 100
72 26.9 18.2 27.2



#26
2,2-Dichloropropane
Concen: 47.853 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 77 Resp: 213355
Ion Ratio Lower Upper
77 100
97 21.9 10.3 30.9

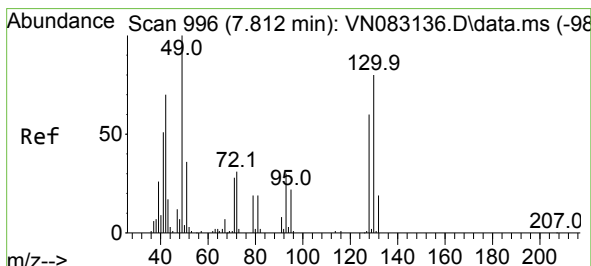
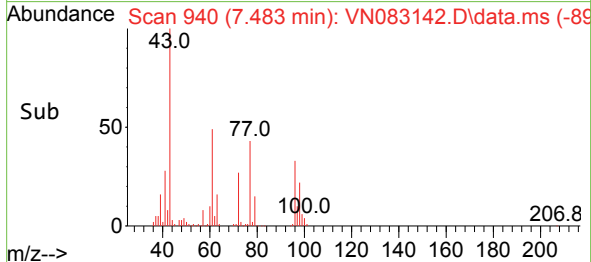
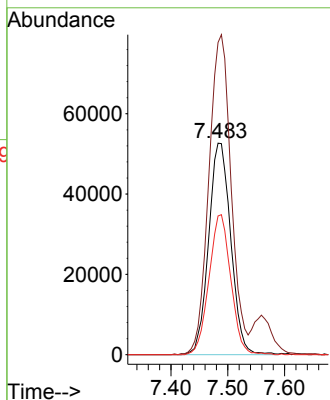
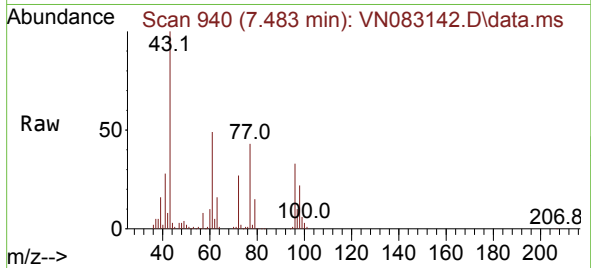




#27
 cis-1,2-Dichloroethene
 Concen: 46.113 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN083142.D
 Acq: 07 Aug 2024 14:49

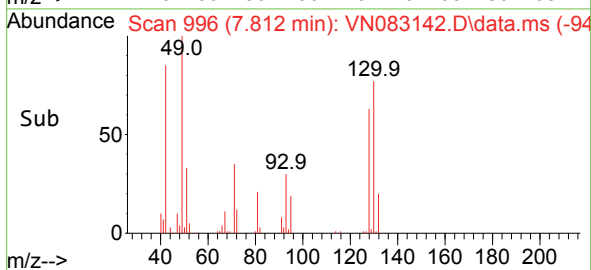
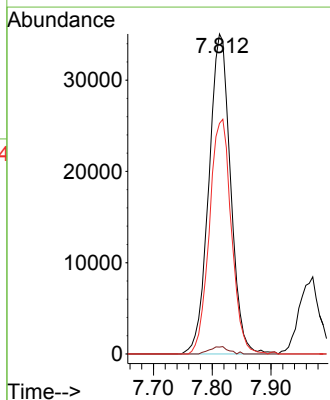
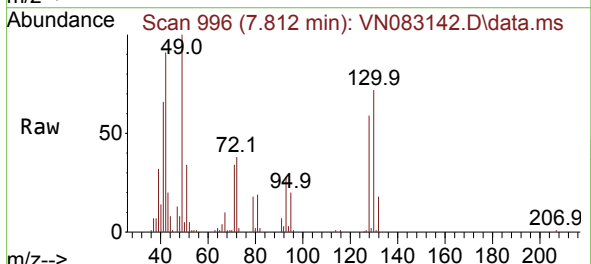
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080724

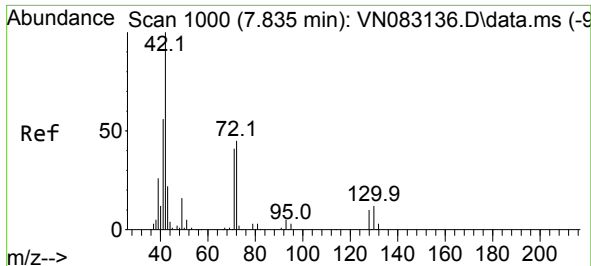
Tgt Ion: 96 Resp: 142606
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 329.6
 98 65.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 45.986 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083142.D
 Acq: 07 Aug 2024 14:49

Tgt Ion: 49 Resp: 90226
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 73.9 50.5 75.7





#29

Tetrahydrofuran

Concen: 222.147 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080724

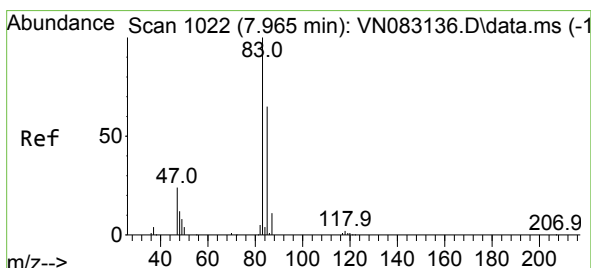
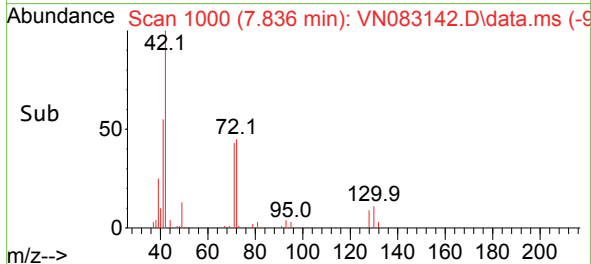
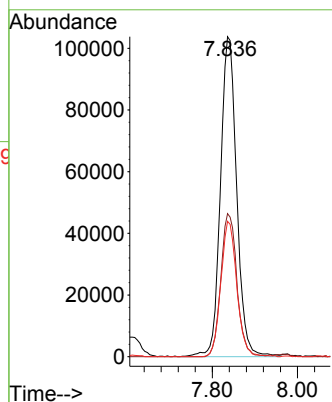
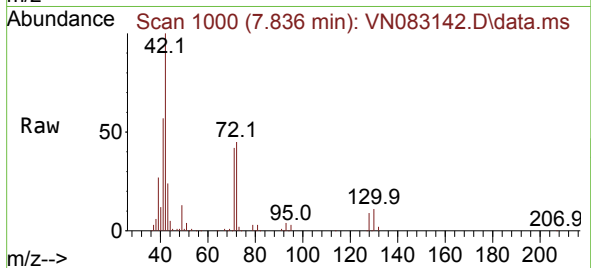
Tgt Ion: 42 Resp: 274710

Ion Ratio Lower Upper

42 100

72 44.2 30.0 45.0

71 41.5 28.3 42.5



#30

Chloroform

Concen: 47.387 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083142.D

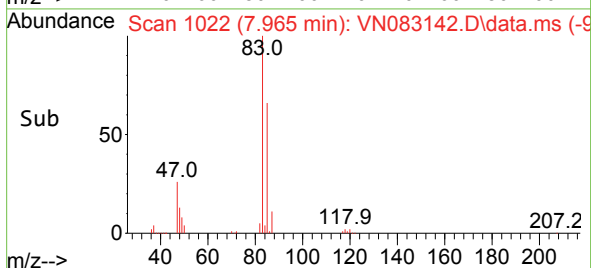
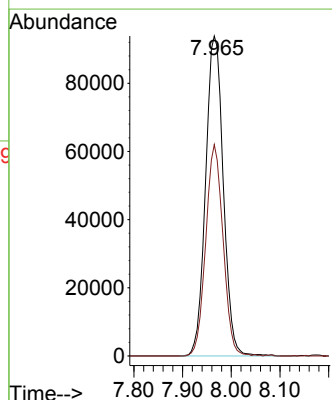
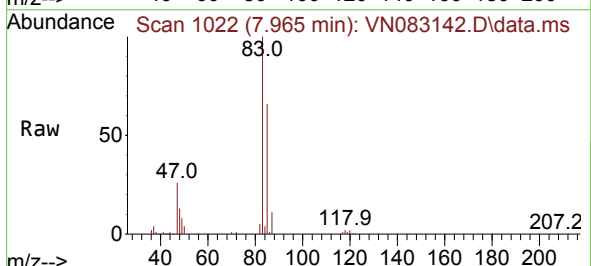
Acq: 07 Aug 2024 14:49

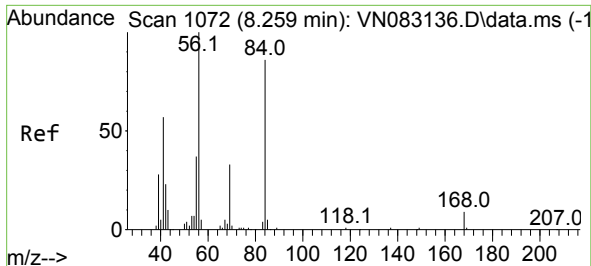
Tgt Ion: 83 Resp: 236359

Ion Ratio Lower Upper

83 100

85 66.1 50.9 76.3

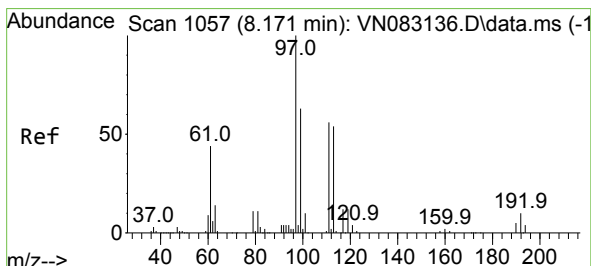
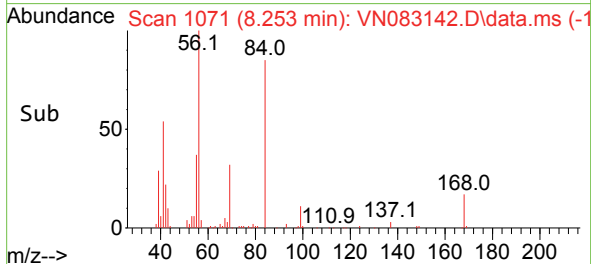
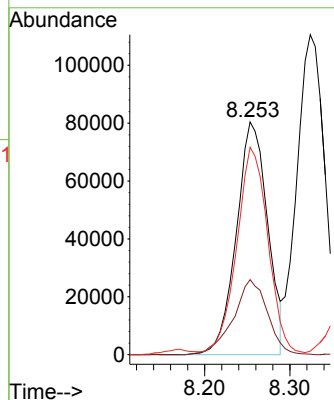
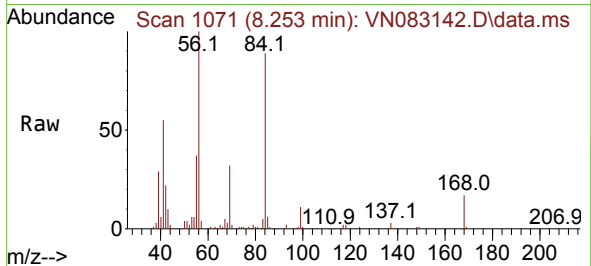




#31
Cyclohexane
Concen: 43.474 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

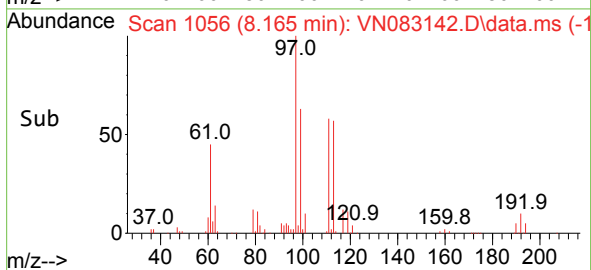
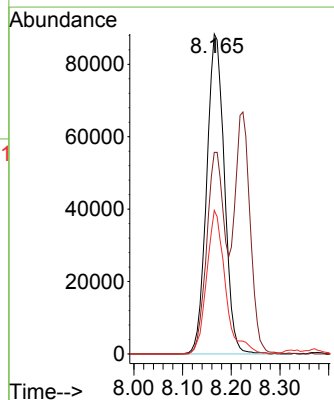
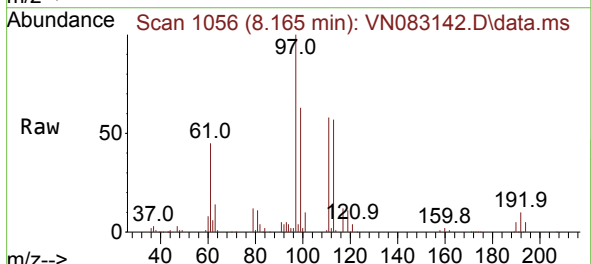
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

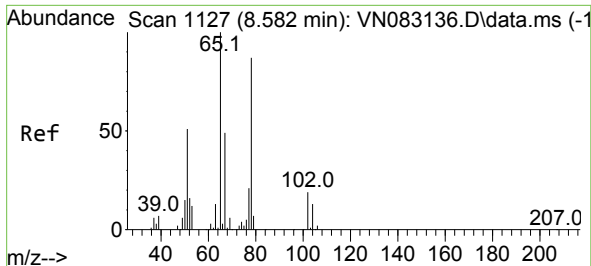
Tgt Ion: 56 Resp: 205124
Ion Ratio Lower Upper
56 100
69 32.3 24.5 36.7
84 86.7 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 47.135 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 97 Resp: 222538
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 47.5 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 50.583 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

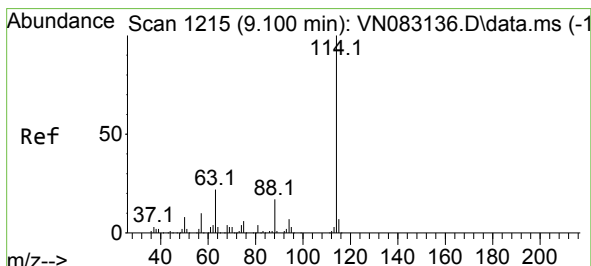
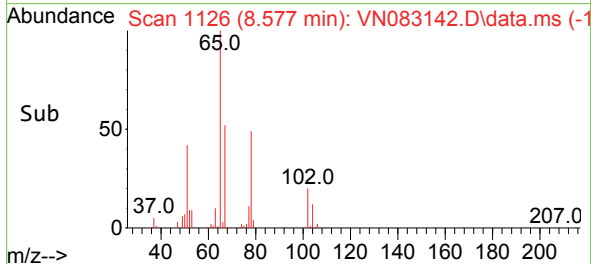
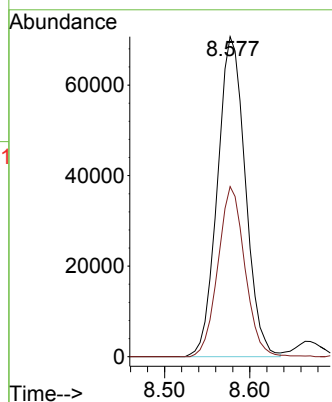
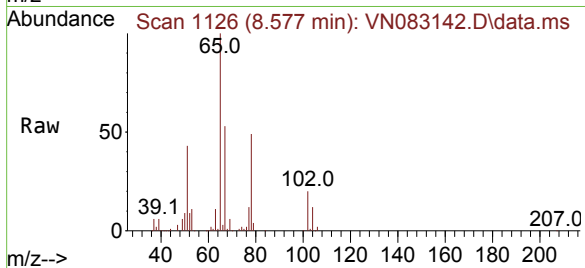
ICVVN080724

Tgt Ion: 65 Resp: 161051

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

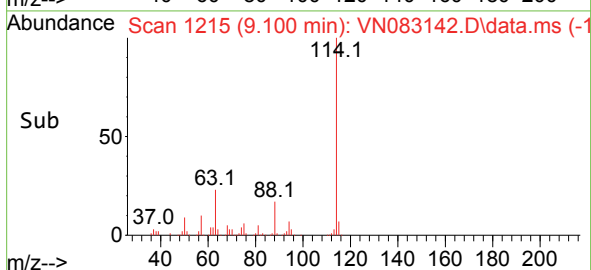
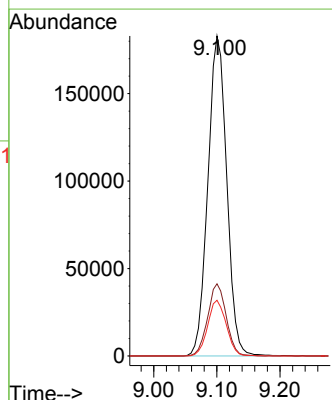
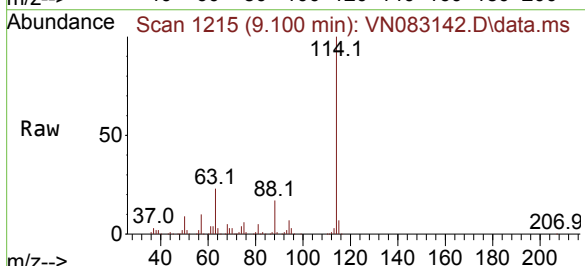
Tgt Ion: 114 Resp: 380000

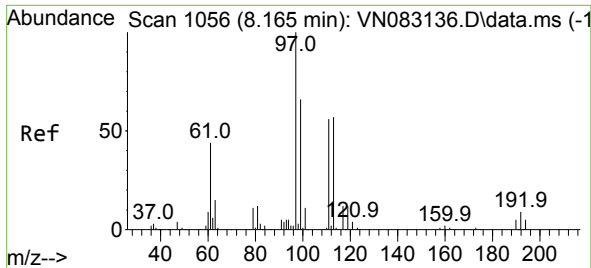
Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 17.4 0.0 31.4

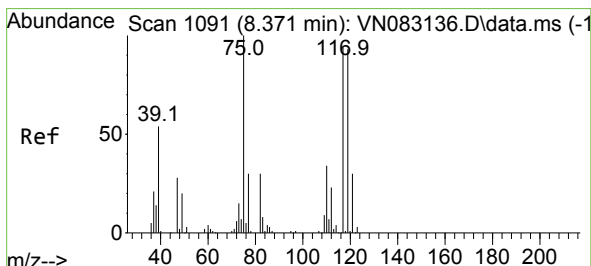
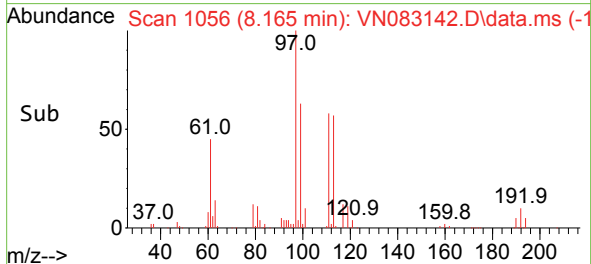
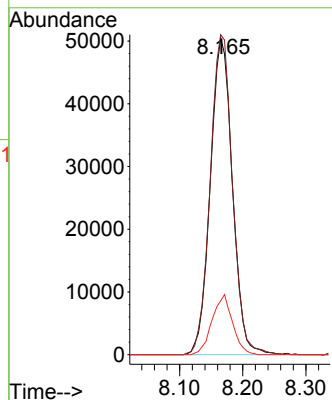
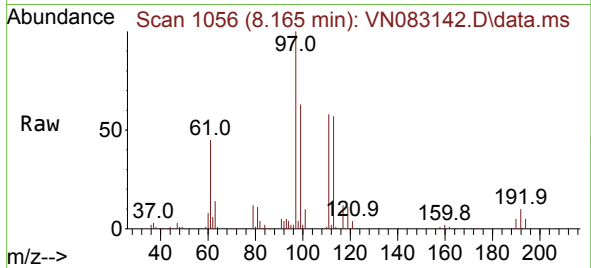




#35
Dibromofluoromethane
Concen: 51.549 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

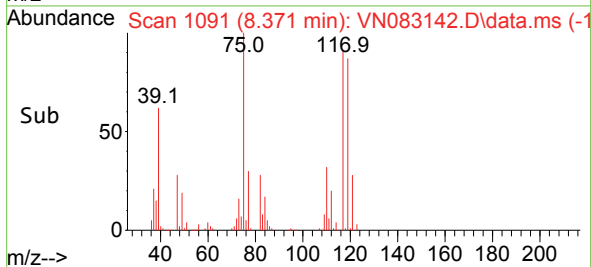
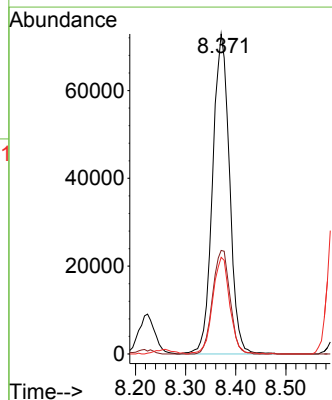
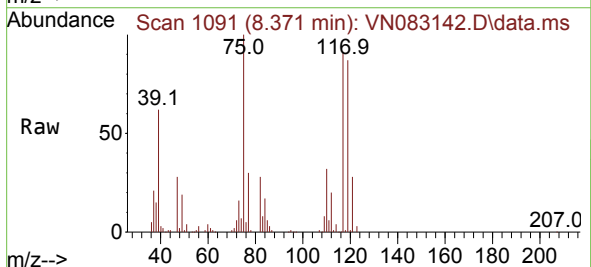
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

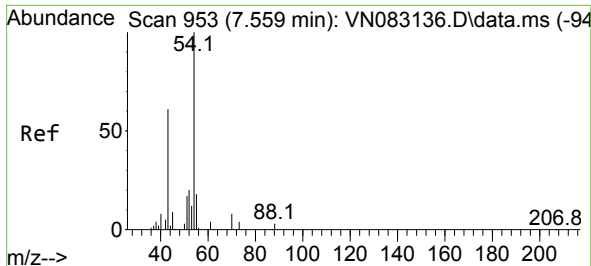
Tgt Ion:113 Resp: 122268
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 17.6 14.9 22.3



#36
1,1-Dichloropropene
Concen: 47.732 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 75 Resp: 171262
Ion Ratio Lower Upper
75 100
110 33.2 16.3 48.9
77 30.5 24.6 37.0

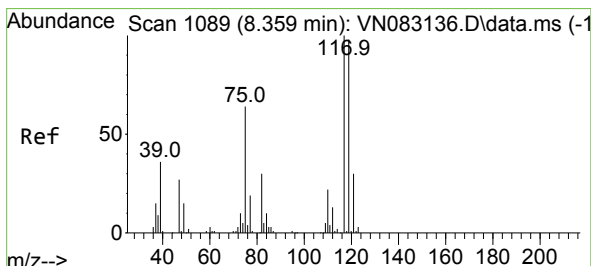
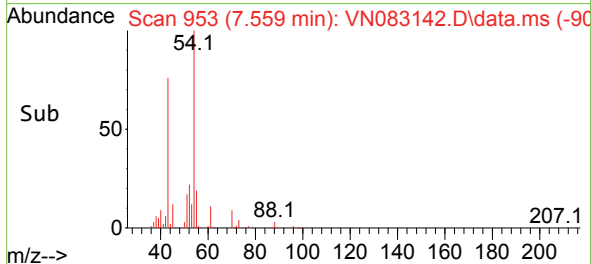
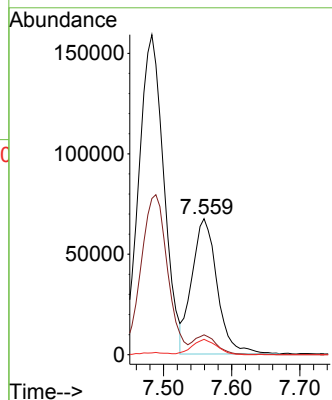
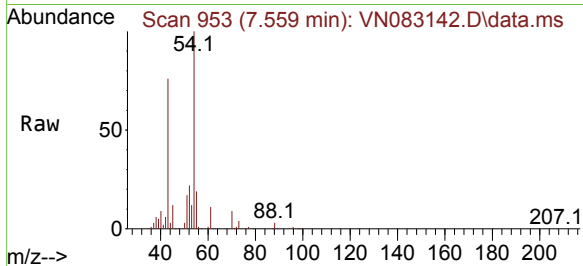




#37
Ethyl Acetate
Concen: 43.124 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

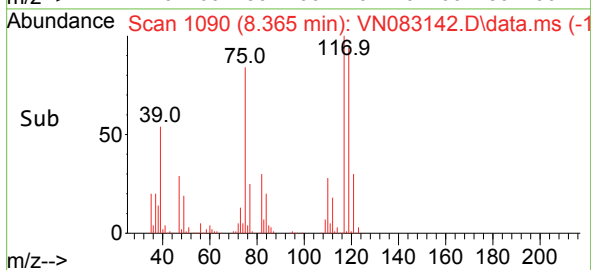
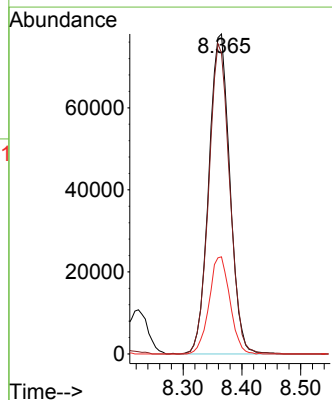
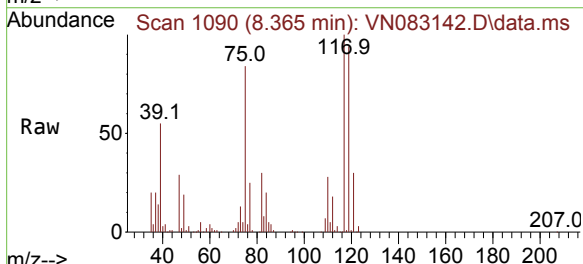
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

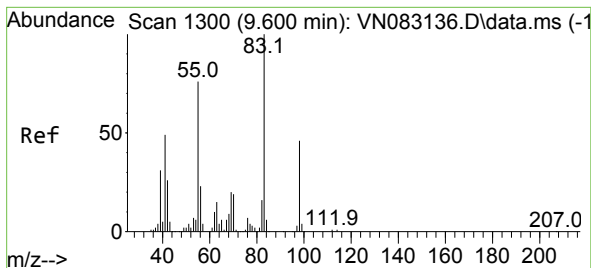
Tgt Ion: 43 Resp: 173246
Ion Ratio Lower Upper
43 100
61 12.9 9.3 13.9
70 11.0 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 47.904 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 117 Resp: 193592
Ion Ratio Lower Upper
117 100
119 94.0 74.9 112.3
121 30.3 24.3 36.5





#39

Methylcyclohexane

Concen: 47.821 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080724

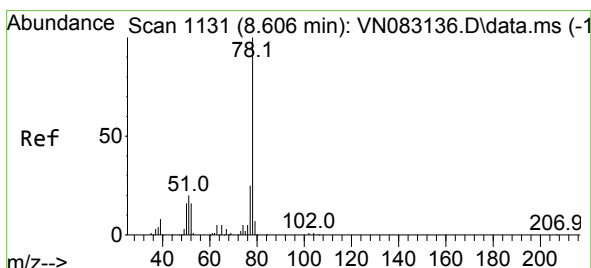
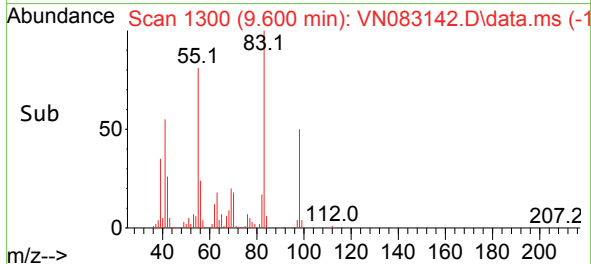
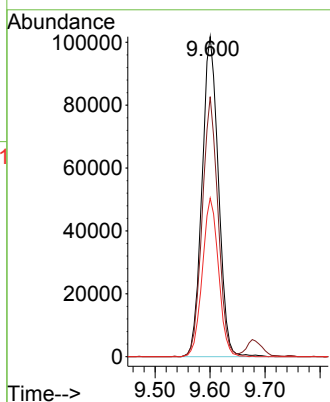
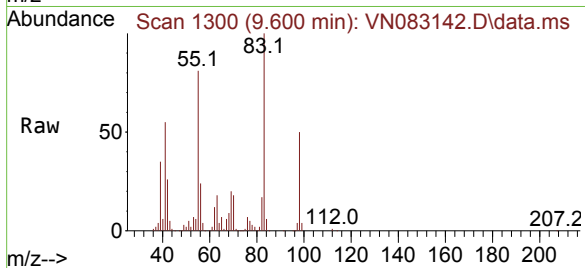
Tgt Ion: 83 Resp: 210745

Ion Ratio Lower Upper

83 100

55 81.3 66.4 99.6

98 49.5 40.7 61.1



#40

Benzene

Concen: 47.635 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083142.D

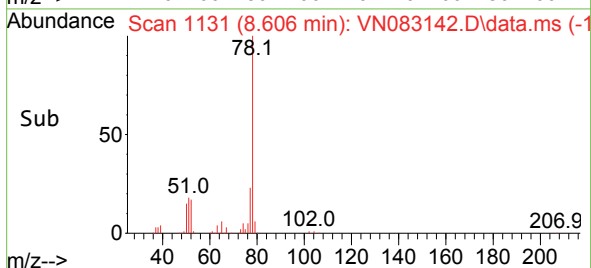
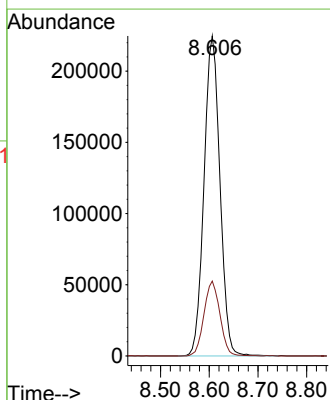
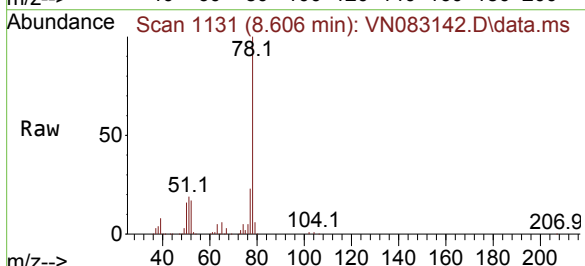
Acq: 07 Aug 2024 14:49

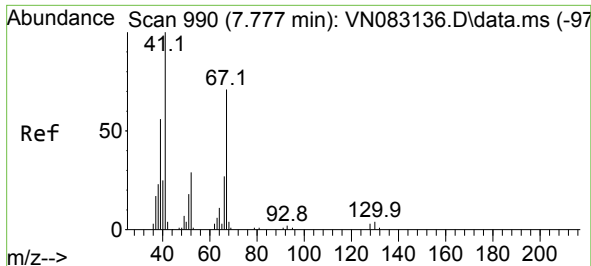
Tgt Ion: 78 Resp: 509159

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4

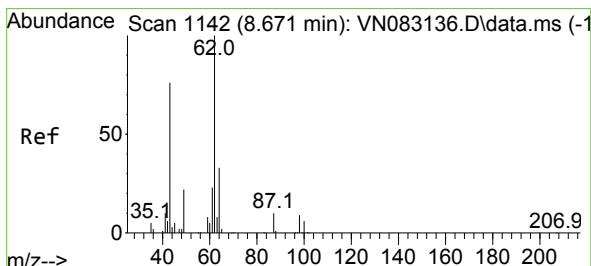
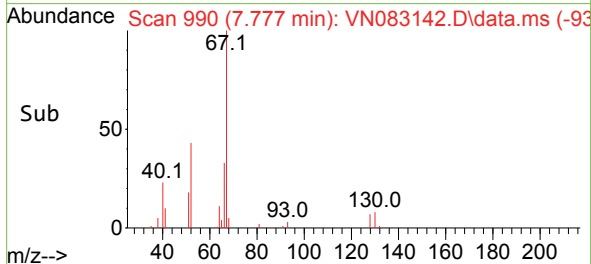
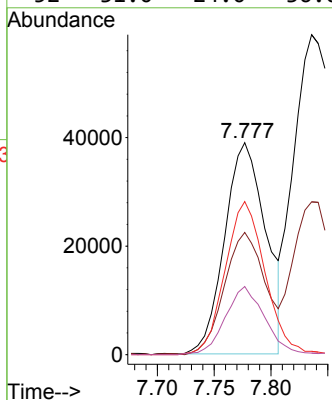
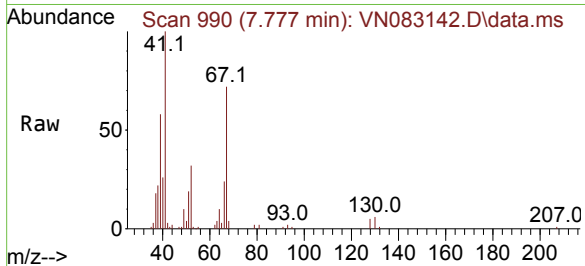




#41
Methacrylonitrile
Concen: 43.013 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

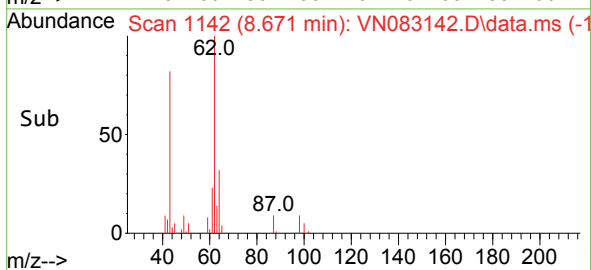
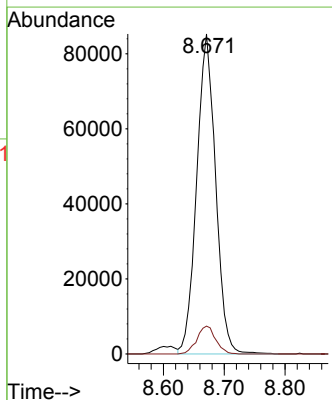
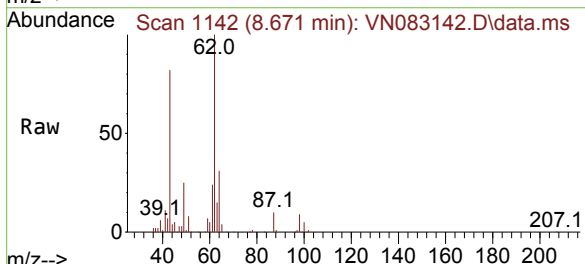
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

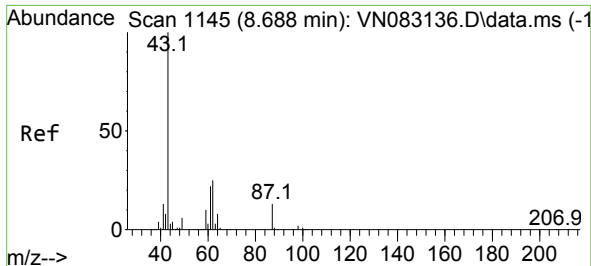
Tgt Ion:	41	Resp:	98251
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.5	68.3
67	70.8	50.5	75.7
52	31.0	24.0	36.0



#42
1,2-Dichloroethane
Concen: 47.310 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion:	62	Resp:	184210
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	15.8

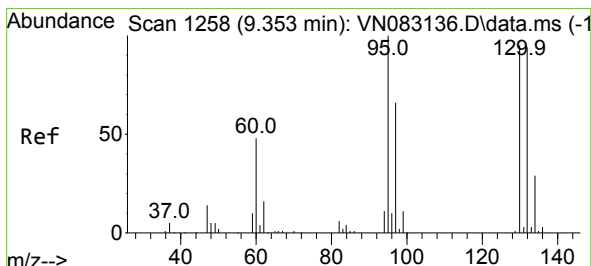
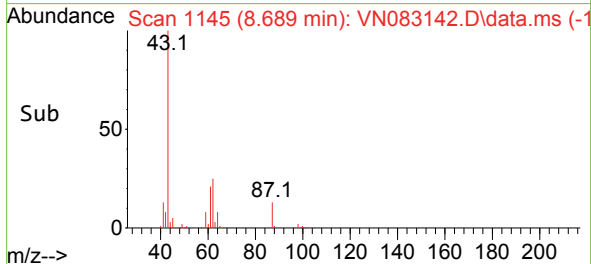
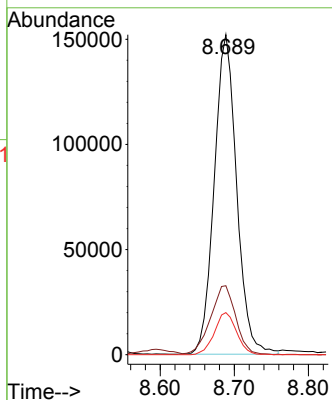
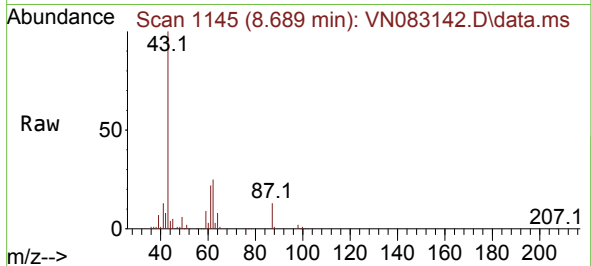




#43
Isopropyl Acetate
Concen: 45.577 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.001 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

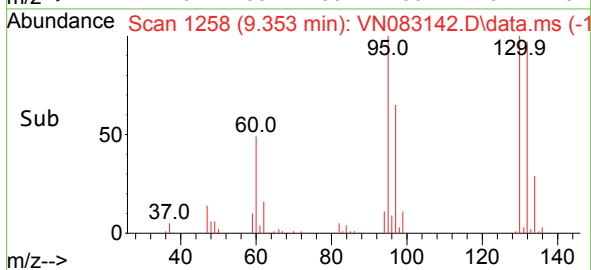
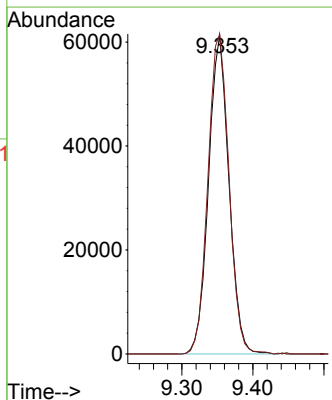
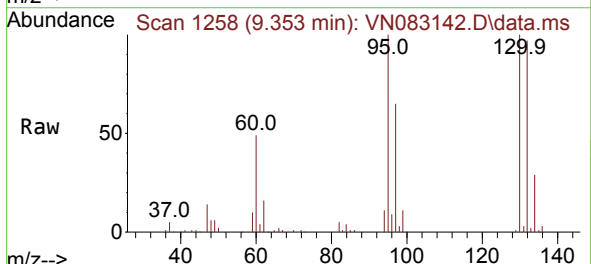
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

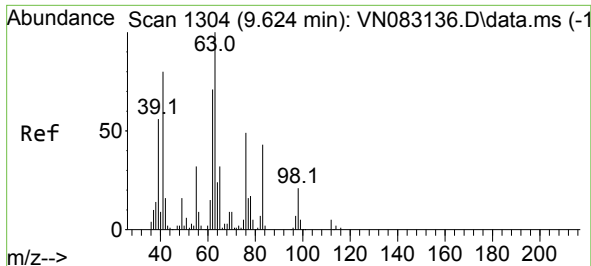
Tgt Ion: 43 Resp: 319540
Ion Ratio Lower Upper
43 100
61 24.3 17.8 26.6
87 13.0 8.2 12.2#



#44
Trichloroethene
Concen: 47.994 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion:130 Resp: 122105
Ion Ratio Lower Upper
130 100
95 100.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 48.208 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

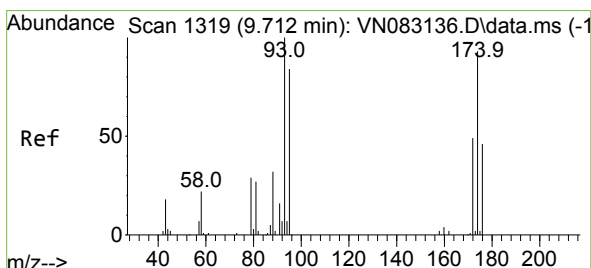
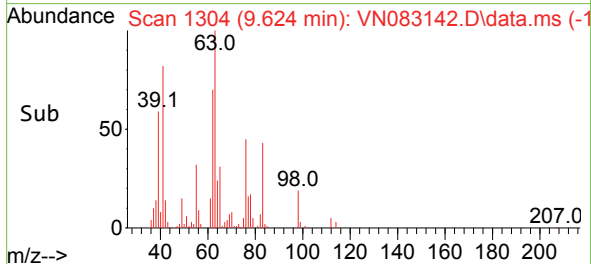
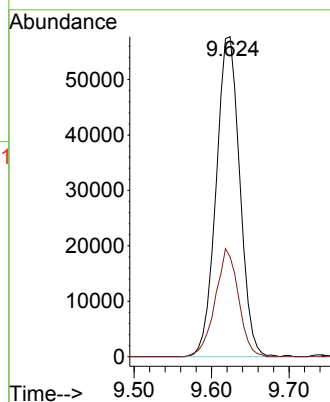
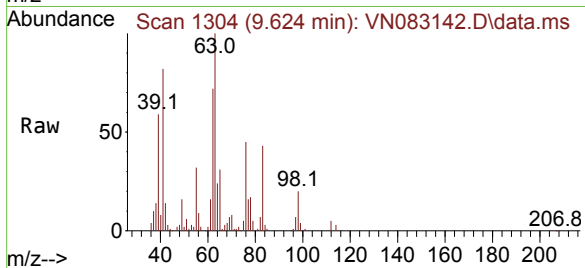
ICVVN080724

Tgt Ion: 63 Resp: 122313

Ion Ratio Lower Upper

63 100

65 31.2 24.4 36.6



#46

Dibromomethane

Concen: 47.124 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

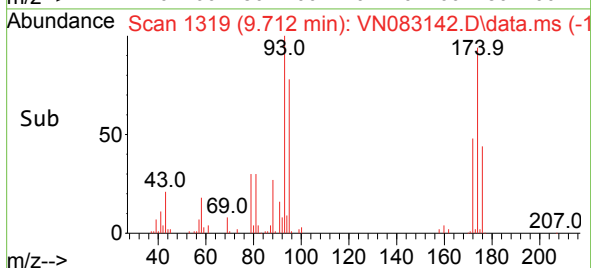
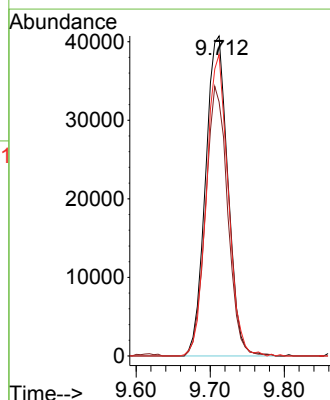
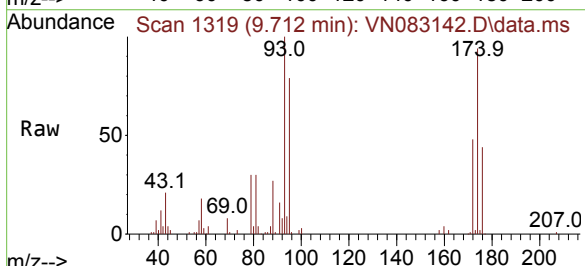
Tgt Ion: 93 Resp: 85581

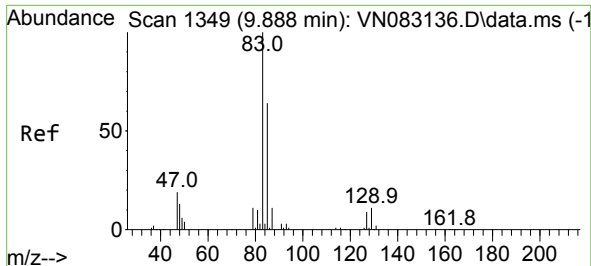
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.6

174 91.4 71.7 107.5





#47

Bromodichloromethane

Concen: 47.047 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080724

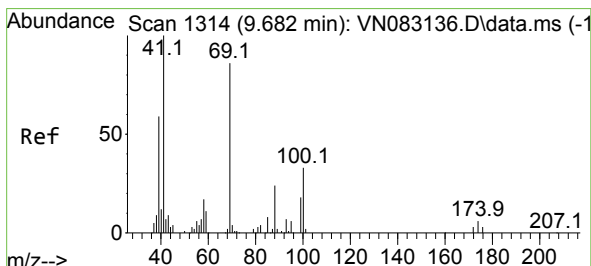
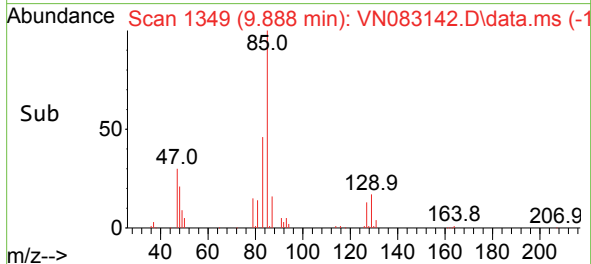
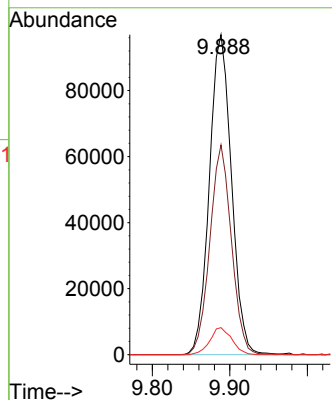
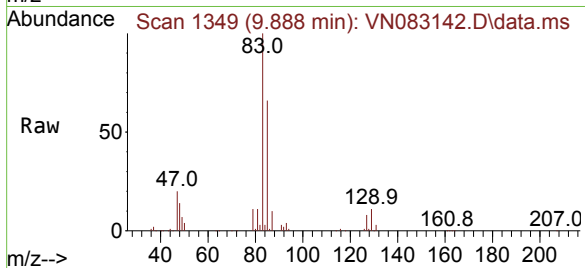
Tgt Ion: 83 Resp: 191842

Ion Ratio Lower Upper

83 100

85 65.5 51.1 76.7

127 8.5 7.2 10.8



#48

Methyl methacrylate

Concen: 44.609 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

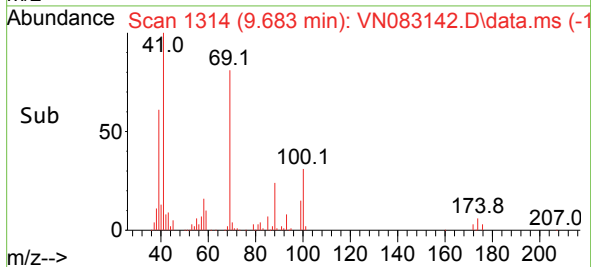
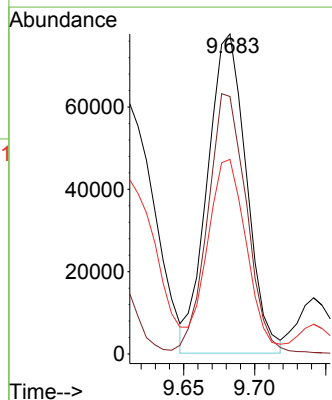
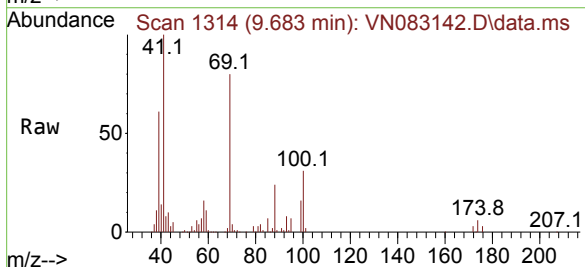
Tgt Ion: 41 Resp: 148161

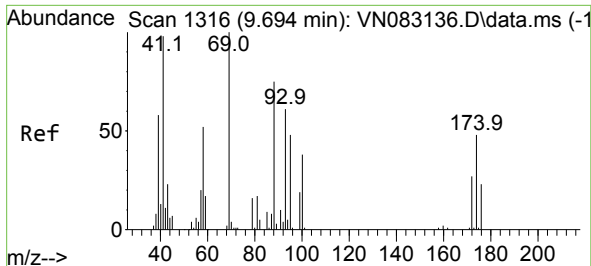
Ion Ratio Lower Upper

41 100

69 81.0 56.3 84.5

39 60.7 50.3 75.5





#49

1,4-Dioxane

Concen: 885.211 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080724

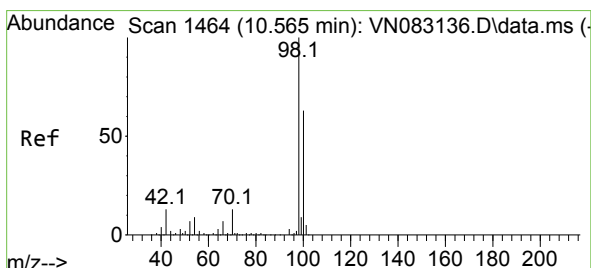
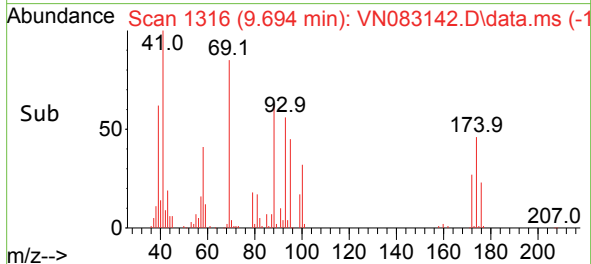
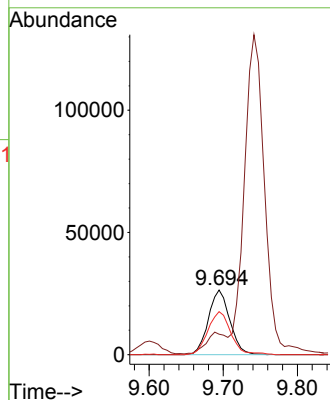
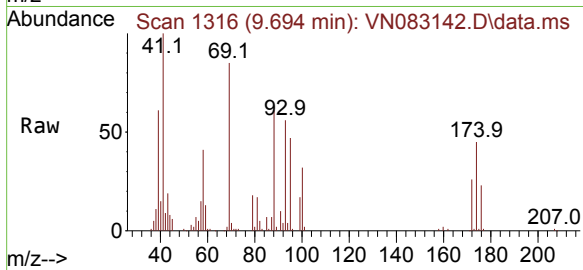
Tgt Ion: 88 Resp: 53042

Ion Ratio Lower Upper

88 100

43 32.0 27.8 41.8

58 71.4 59.4 89.0



#50

Toluene-d8

Concen: 52.175 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083142.D

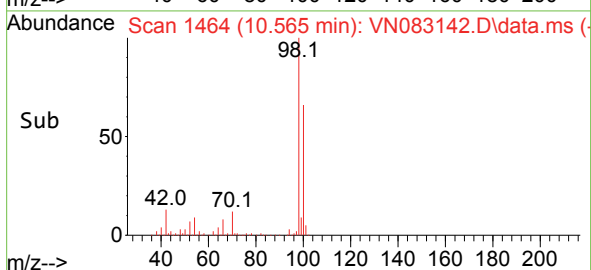
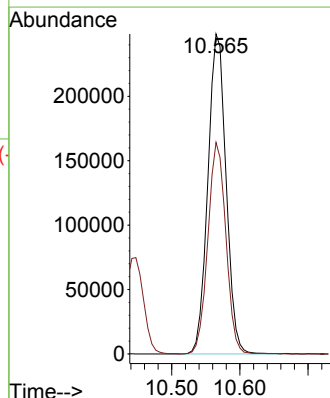
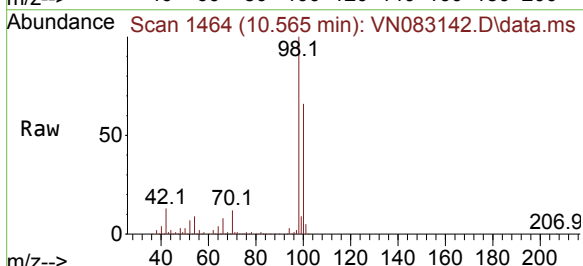
Acq: 07 Aug 2024 14:49

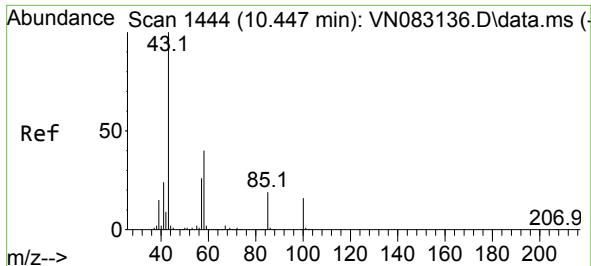
Tgt Ion: 98 Resp: 461627

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3

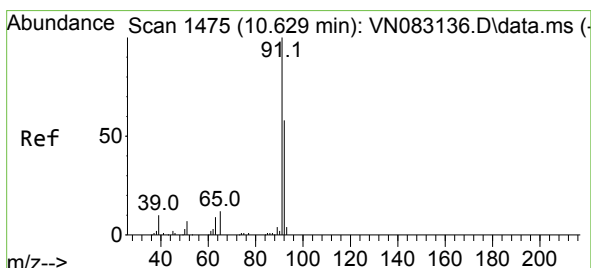
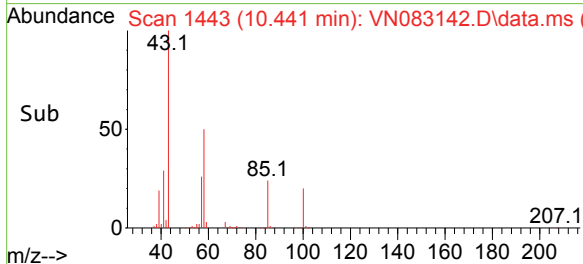
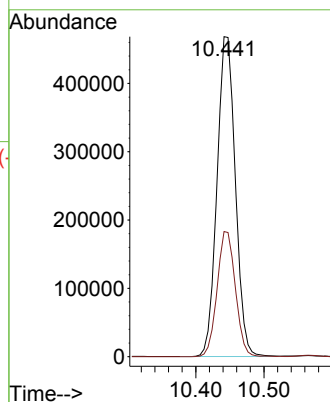
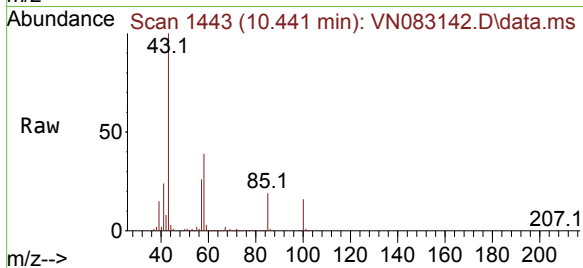




#51
4-Methyl-2-Pentanone
Concen: 230.917 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

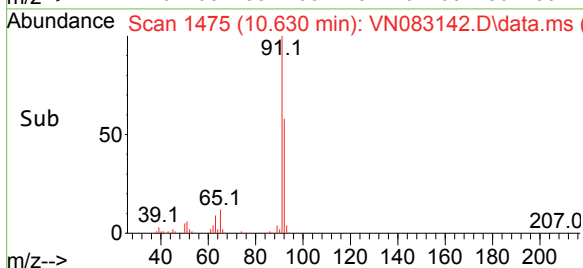
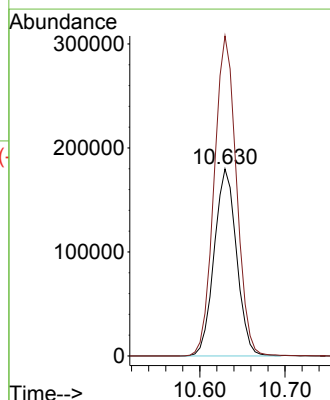
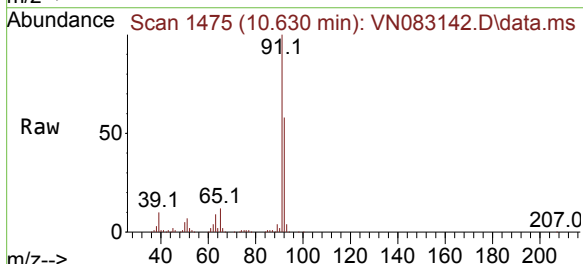
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

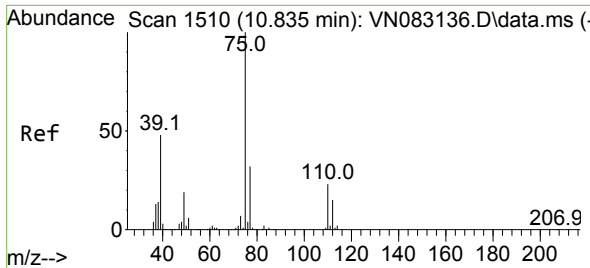
Tgt Ion: 43 Resp: 877246
Ion Ratio Lower Upper
43 100
58 39.0 28.2 42.4



#52
Toluene
Concen: 48.520 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 92 Resp: 327682
Ion Ratio Lower Upper
92 100
91 170.9 139.4 209.0

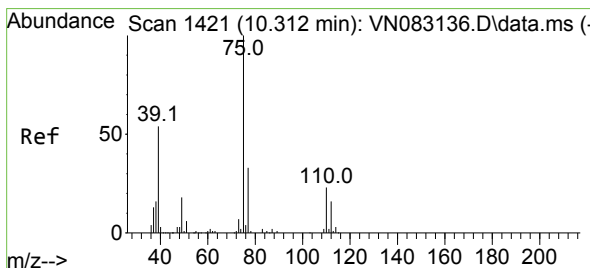
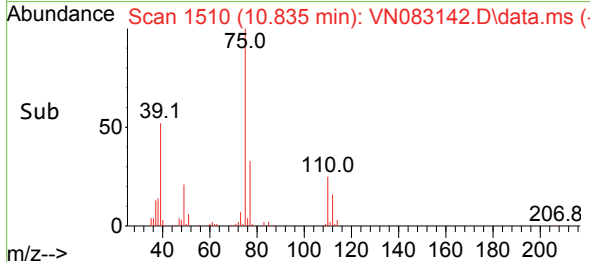
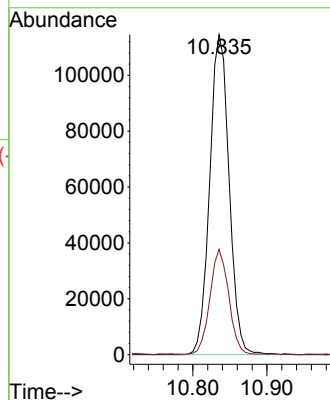
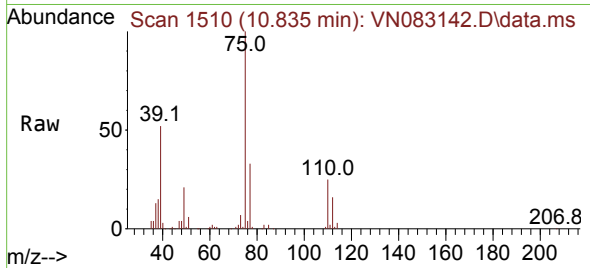




#53
 t-1,3-Dichloropropene
 Concen: 49.776 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083142.D
 Acq: 07 Aug 2024 14:49

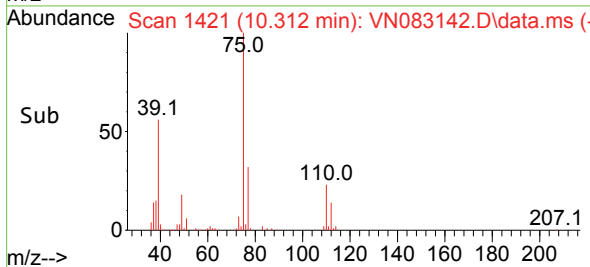
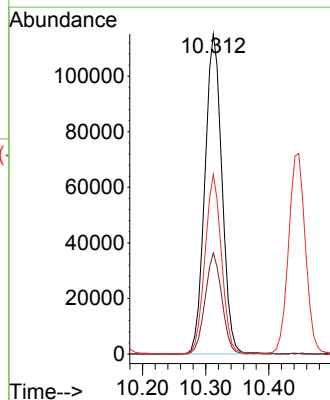
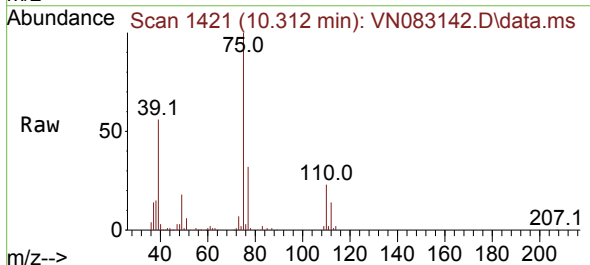
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080724

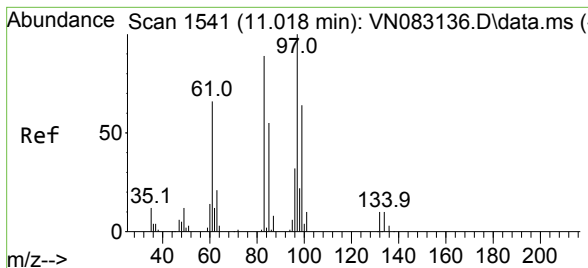
Tgt Ion: 75 Resp: 208495
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 48.487 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083142.D
 Acq: 07 Aug 2024 14:49

Tgt Ion: 75 Resp: 216020
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.3 36.5
 39 56.0 50.5 75.7



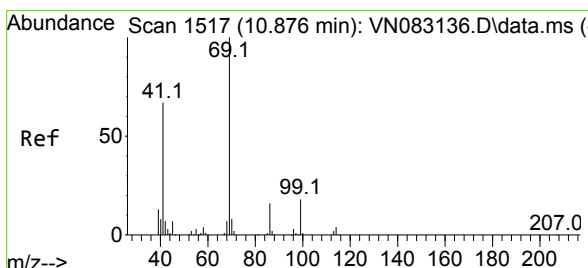
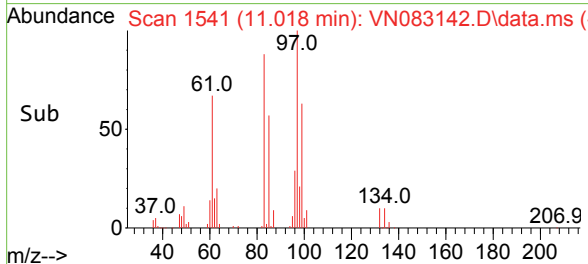
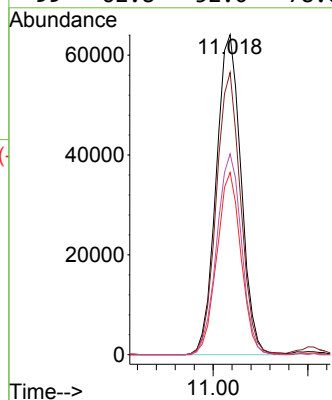
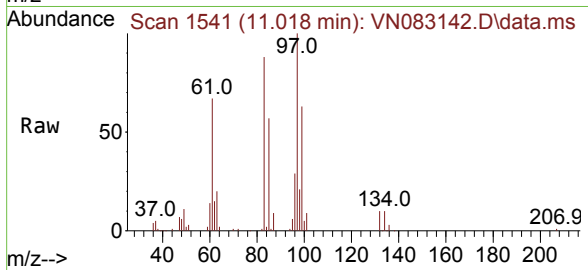


#55
 1,1,2-Trichloroethane
 Concen: 48.351 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN083142.D
 Acq: 07 Aug 2024 14:49

Instrument : MSVOA_N
 ClientSampleId : ICVVN080724

Tgt Ion: 97 Resp: 117023

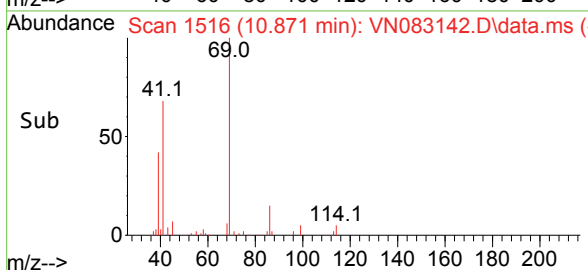
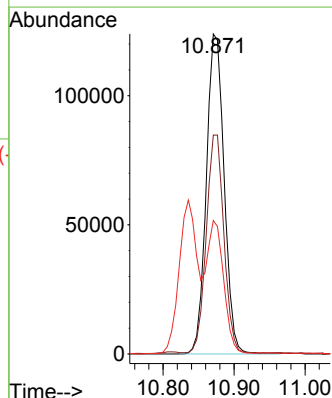
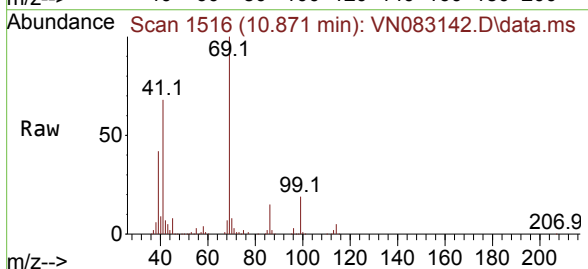
Ion	Ratio	Lower	Upper
97	100		
83	88.2	71.4	107.0
85	57.0	45.8	68.6
99	62.8	52.0	78.0

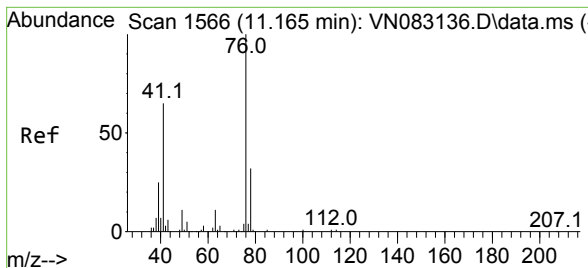


#56
 Ethyl methacrylate
 Concen: 47.395 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. -0.006 min
 Lab File: VN083142.D
 Acq: 07 Aug 2024 14:49

Tgt Ion: 69 Resp: 216248

Ion	Ratio	Lower	Upper
69	100		
41	67.3	63.4	95.2
39	40.2	37.4	56.0

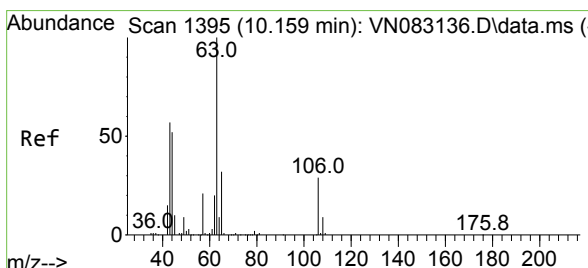
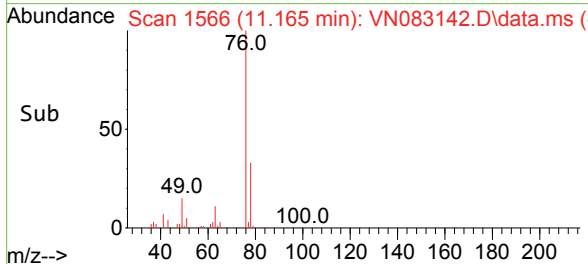
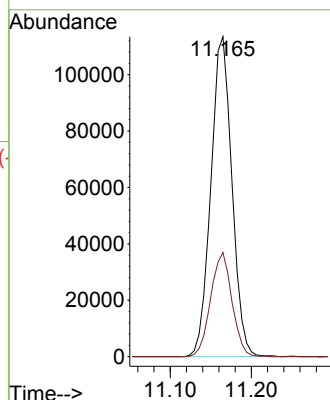
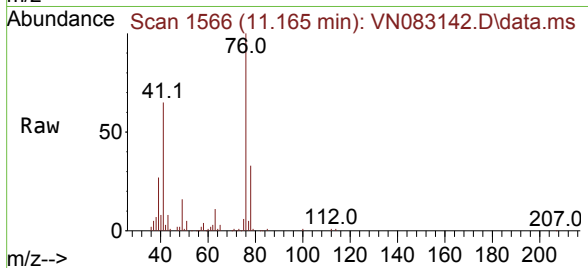




#57
 1,3-Dichloropropane
 Concen: 47.391 ug/l
 RT: 11.165 min Scan# 1566
 Delta R.T. 0.000 min
 Lab File: VN083142.D
 Acq: 07 Aug 2024 14:49

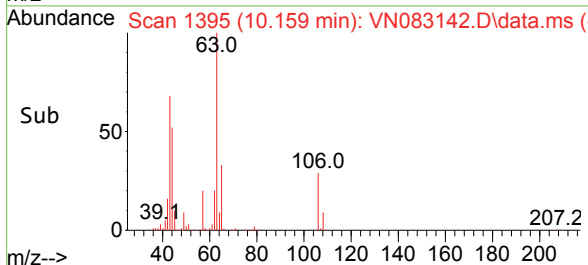
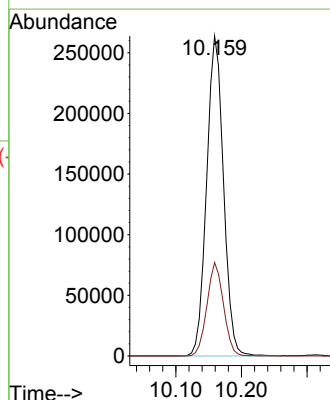
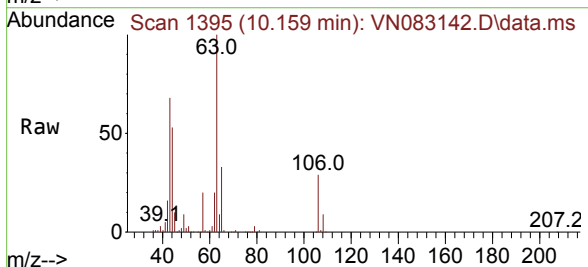
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080724

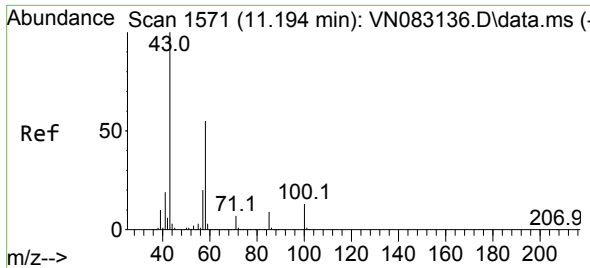
Tgt Ion: 76 Resp: 204441
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.918 ug/l
 RT: 10.159 min Scan# 1395
 Delta R.T. 0.000 min
 Lab File: VN083142.D
 Acq: 07 Aug 2024 14:49

Tgt Ion: 63 Resp: 472357
 Ion Ratio Lower Upper
 63 100
 106 28.6 21.4 32.0

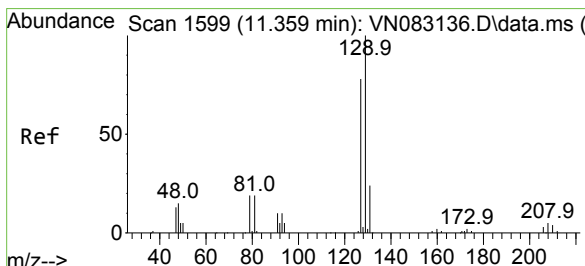
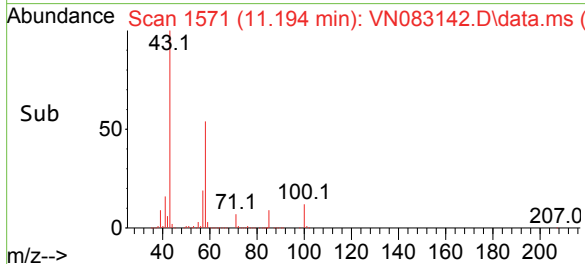
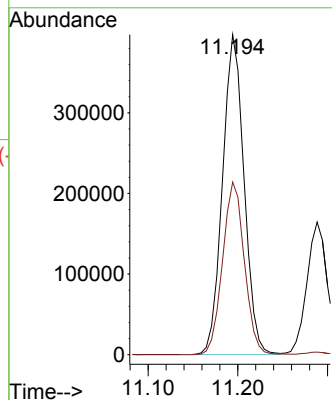
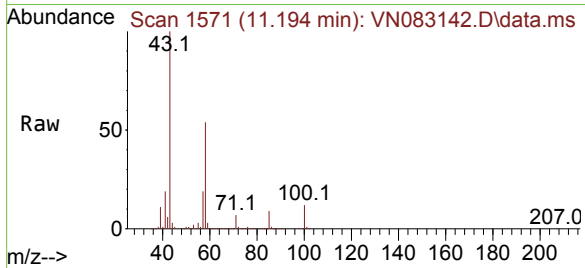




#59
2-Hexanone
Concen: 224.916 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

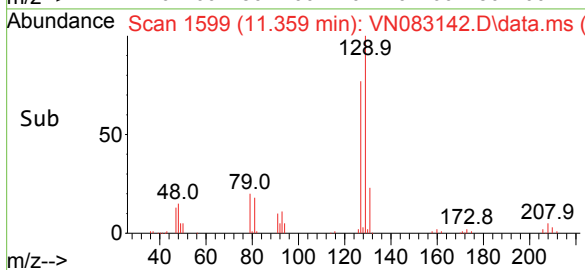
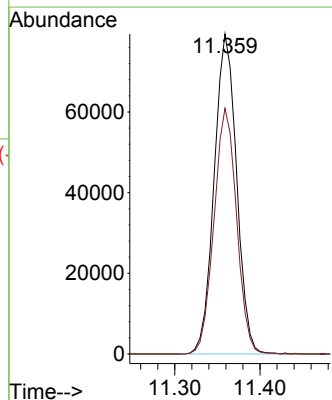
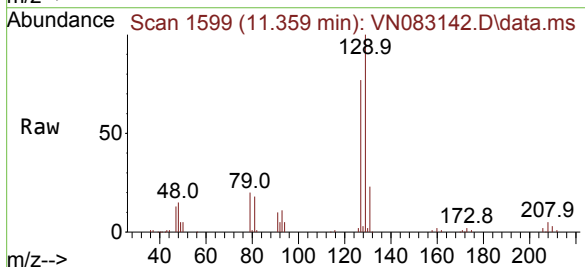
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

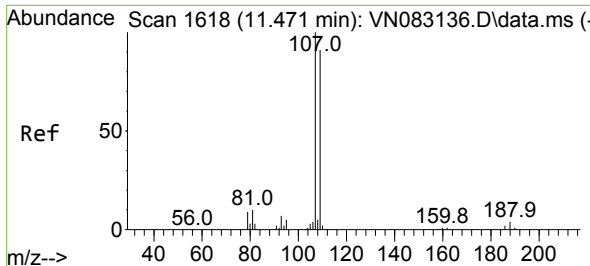
Tgt Ion: 43 Resp: 661033
Ion Ratio Lower Upper
43 100
58 54.6 24.6 73.8



#60
Dibromochloromethane
Concen: 49.513 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 129 Resp: 144886
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

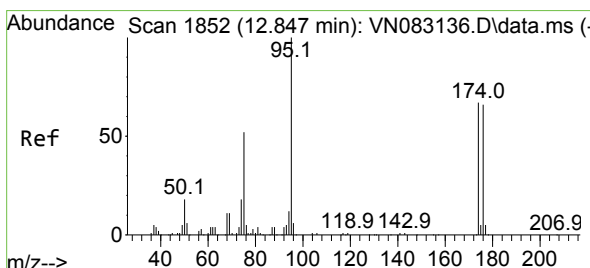
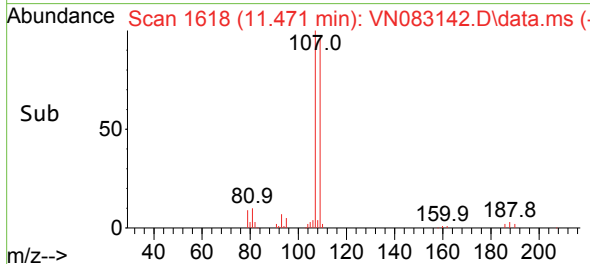
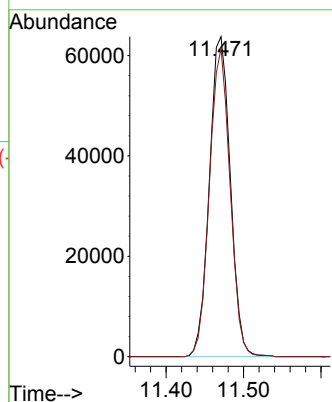
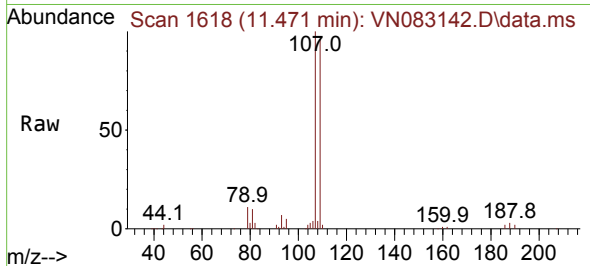




#61
1,2-Dibromoethane
Concen: 47.133 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

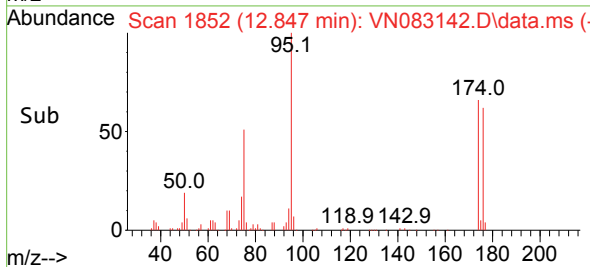
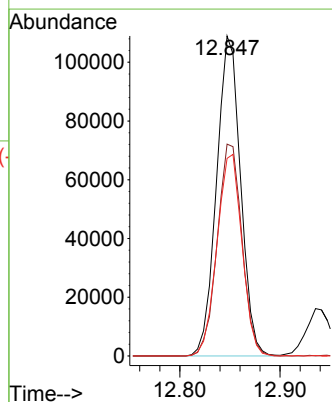
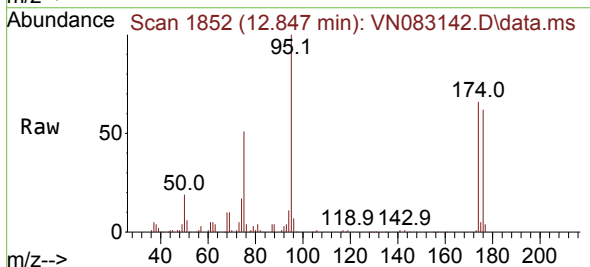
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

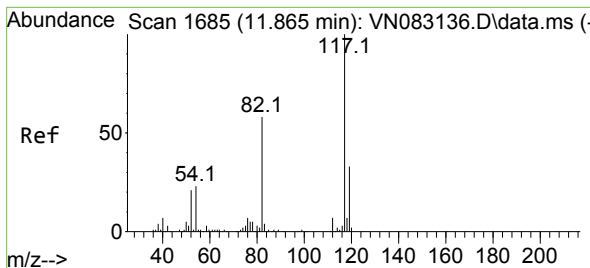
Tgt Ion:107 Resp: 119834
Ion Ratio Lower Upper
107 100
109 94.5 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 52.574 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 95 Resp: 181344
Ion Ratio Lower Upper
95 100
174 68.0 0.0 159.2
176 65.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080724

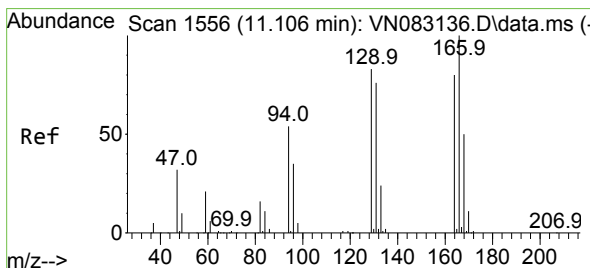
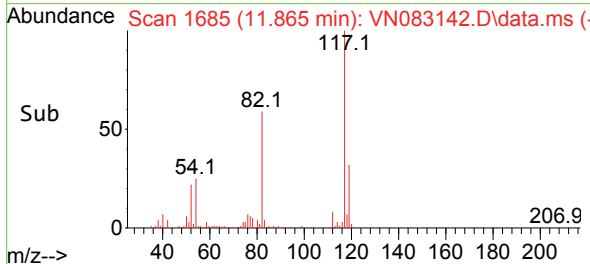
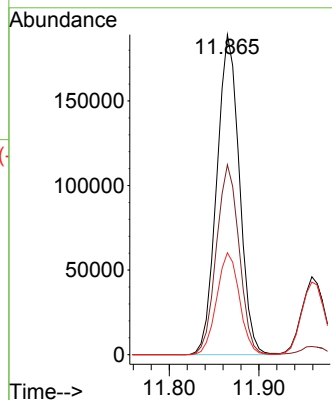
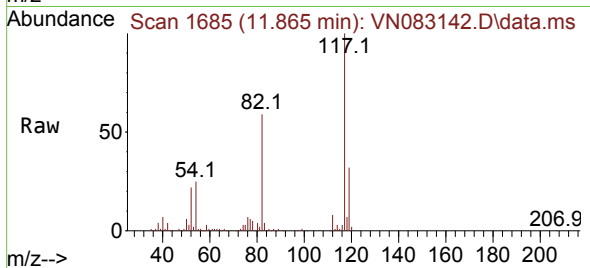
Tgt Ion:117 Resp: 330951

Ion Ratio Lower Upper

117 100

82 59.4 47.5 71.3

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 48.175 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Tgt Ion:164 Resp: 105591

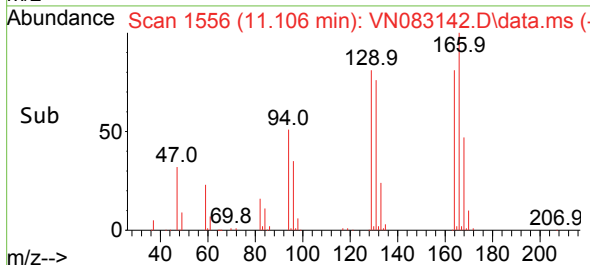
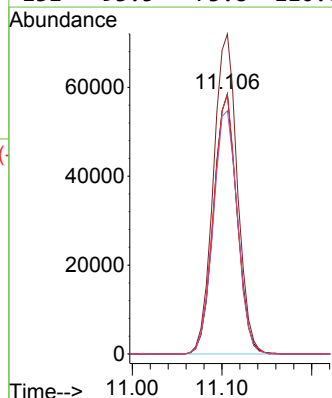
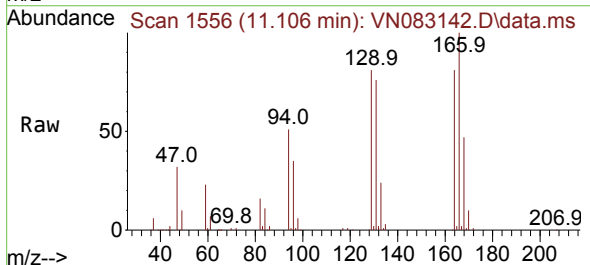
Ion Ratio Lower Upper

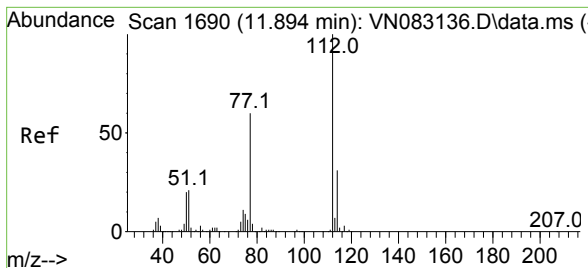
164 100

166 123.0 101.4 152.0

129 99.7 75.7 113.5

131 93.5 73.8 110.6

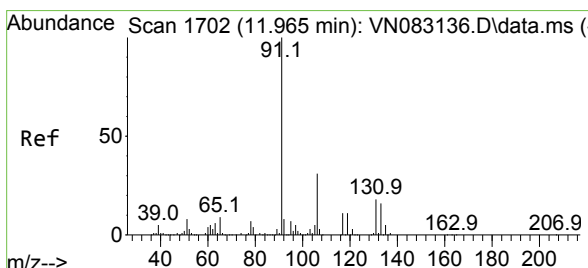
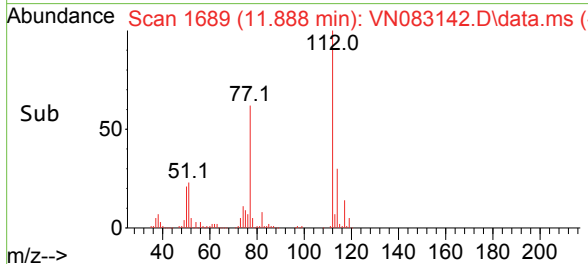
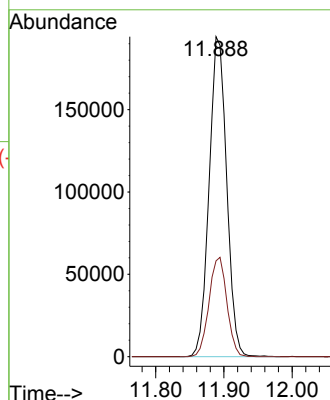
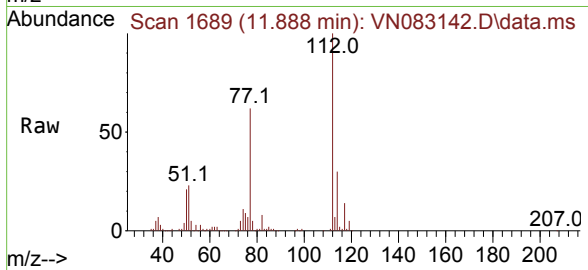




#65
Chlorobenzene
Concen: 47.522 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

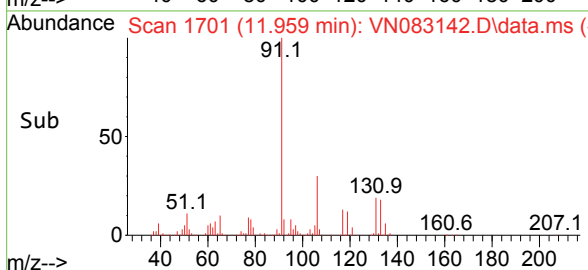
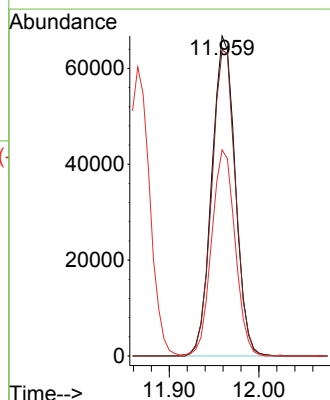
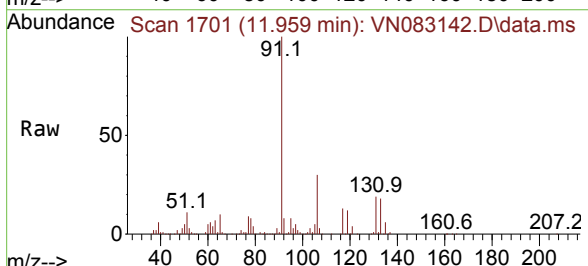
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

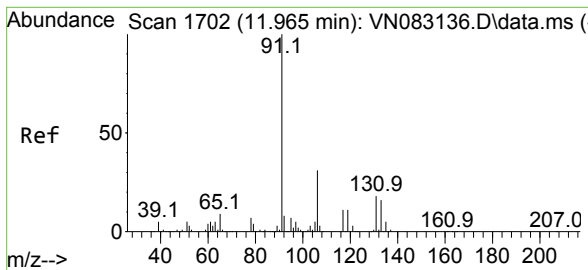
Tgt Ion:112 Resp: 347560
Ion Ratio Lower Upper
112 100
114 29.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.843 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion:131 Resp: 120826
Ion Ratio Lower Upper
131 100
133 97.1 47.3 142.0
119 64.8 32.5 97.4

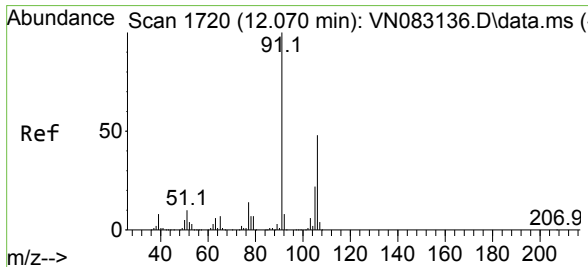
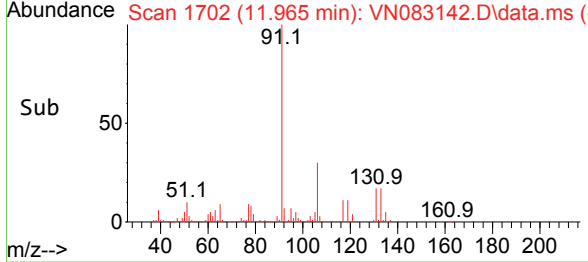
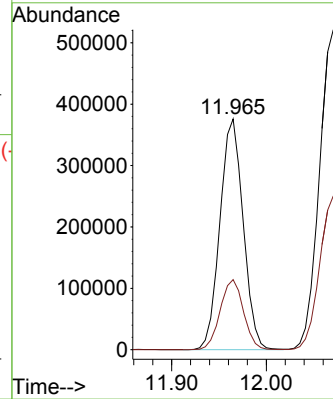
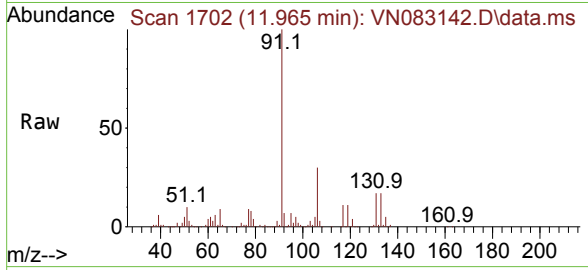




#67
Ethyl Benzene
Concen: 47.764 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

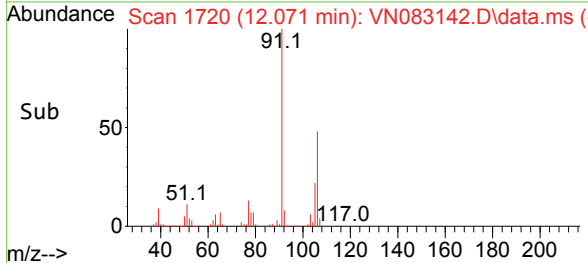
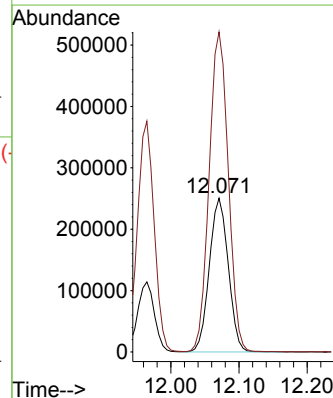
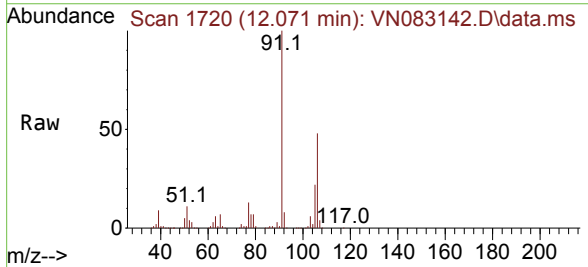
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

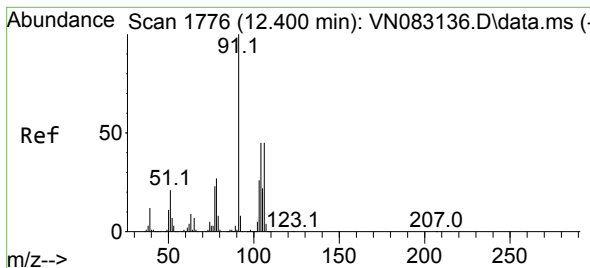
Tgt Ion: 91 Resp: 640827
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0



#68
m/p-Xylenes
Concen: 96.434 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 106 Resp: 484653
Ion Ratio Lower Upper
106 100
91 210.2 166.1 249.1





#69

o-Xylene

Concen: 46.662 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

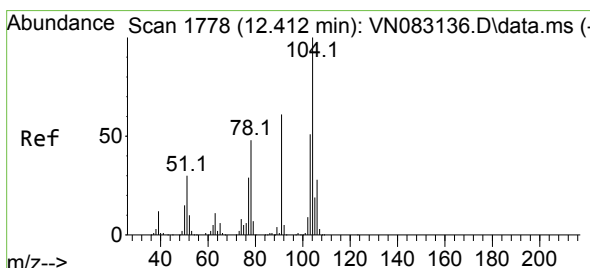
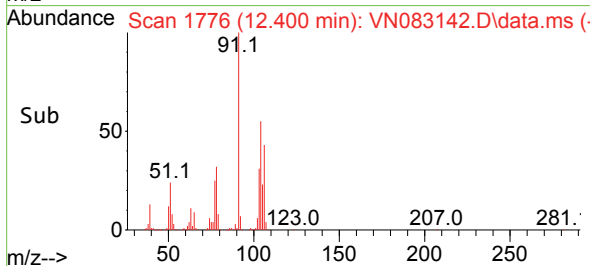
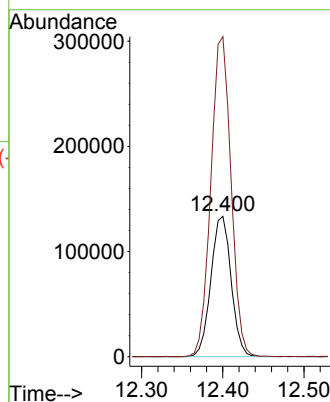
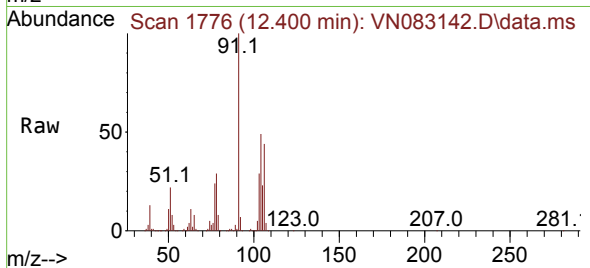
ICVVN080724

Tgt Ion:106 Resp: 231292

Ion Ratio Lower Upper

106 100

91 227.0 111.3 333.9



#70

Styrene

Concen: 48.487 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

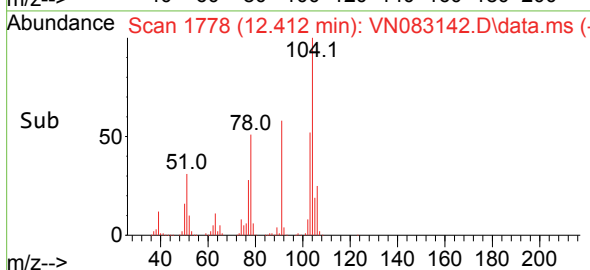
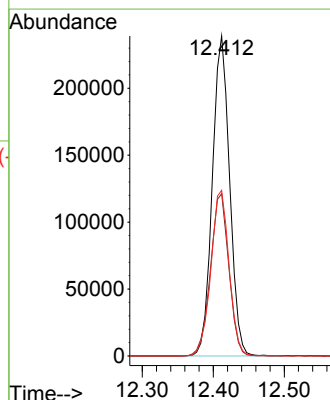
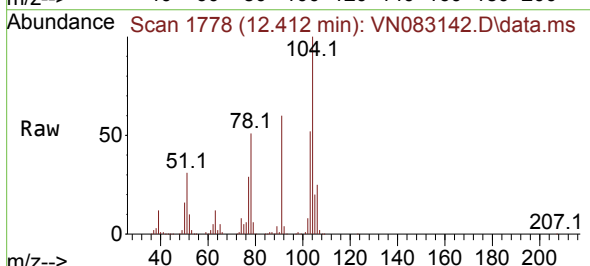
Tgt Ion:104 Resp: 403657

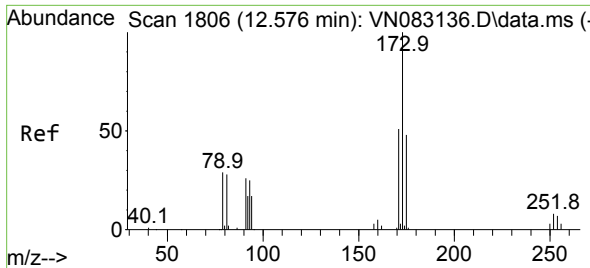
Ion Ratio Lower Upper

104 100

78 53.9 41.6 62.4

103 54.6 44.0 66.0

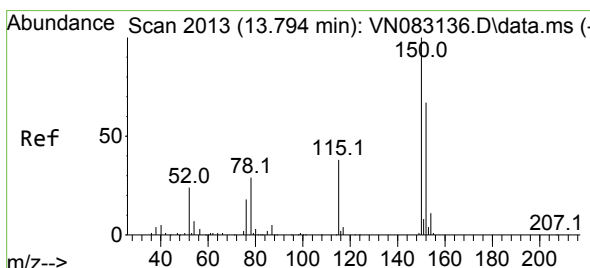
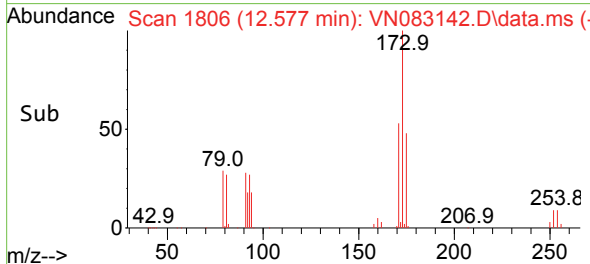
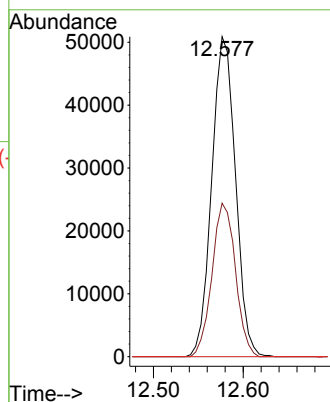
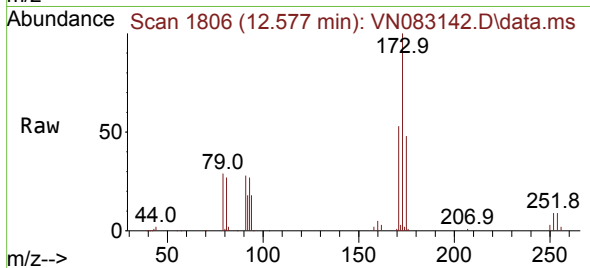




#71
Bromoform
Concen: 47.797 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

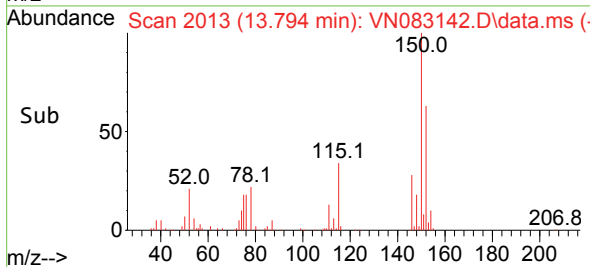
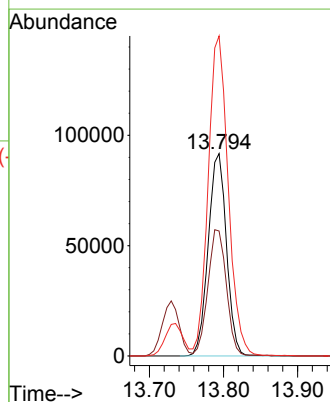
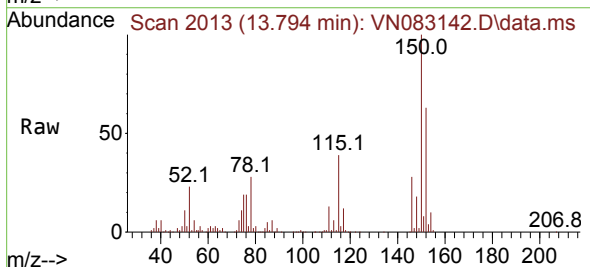
Instrument :
MSVOA_N
ClientSampleId :
ICV080724

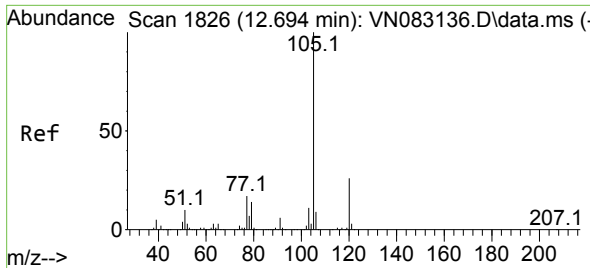
Tgt Ion:173 Resp: 93397
Ion Ratio Lower Upper
173 100
175 47.4 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion:152 Resp: 157193
Ion Ratio Lower Upper
152 100
115 63.3 30.6 91.6
150 172.2 0.0 348.6

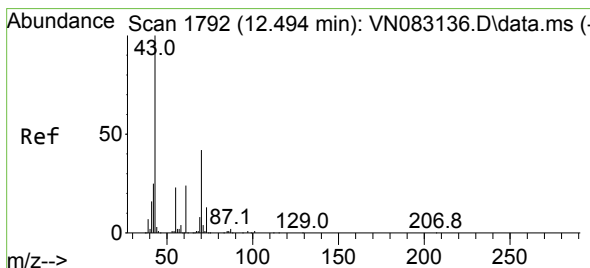
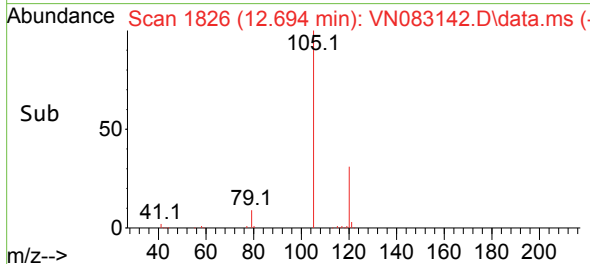
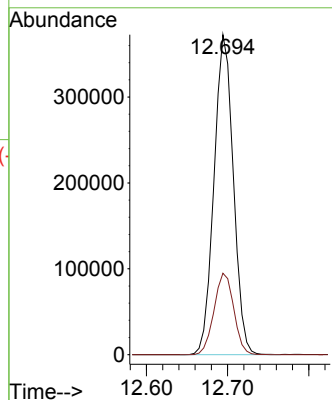
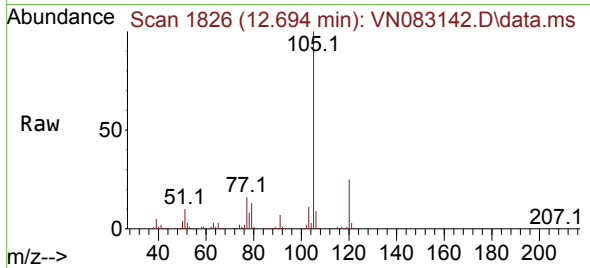




#73
Isopropylbenzene
Concen: 46.893 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

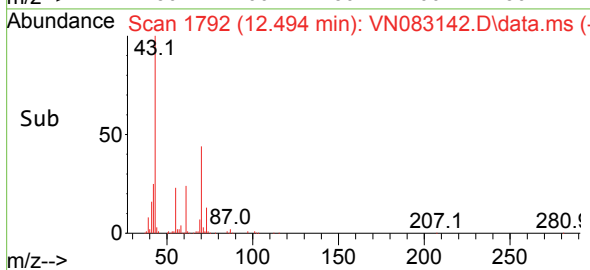
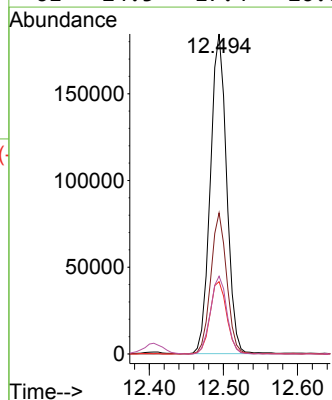
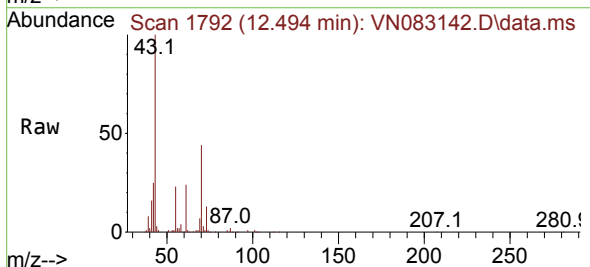
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

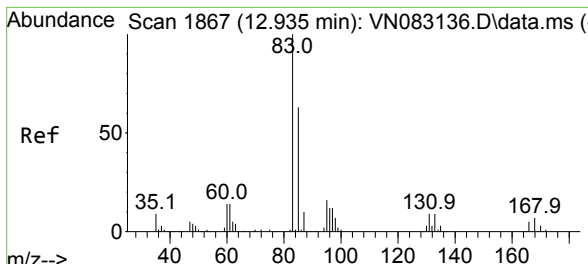
Tgt Ion:105 Resp: 616544
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 43.748 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 43 Resp: 281352
Ion Ratio Lower Upper
43 100
70 43.1 29.8 44.6
55 23.3 18.7 28.1
61 24.5 17.4 26.0

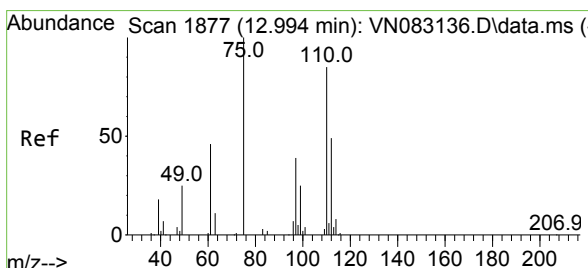
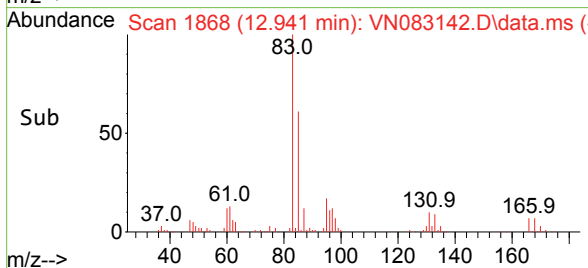
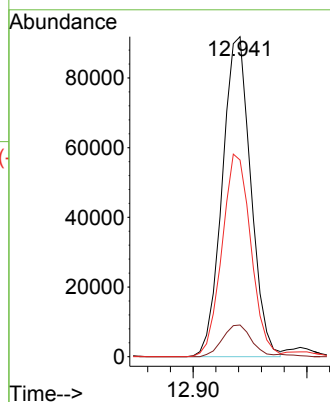
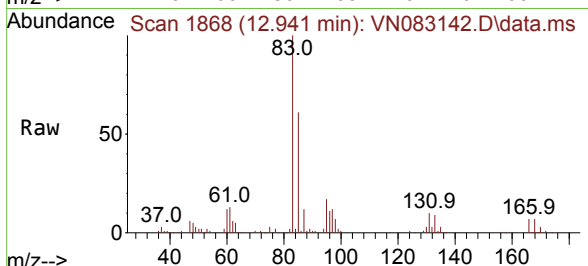




#75
1,1,2,2-Tetrachloroethane
Concen: 43.016 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

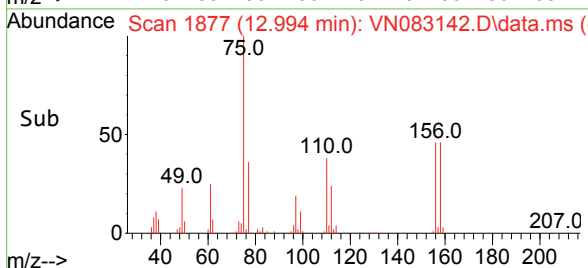
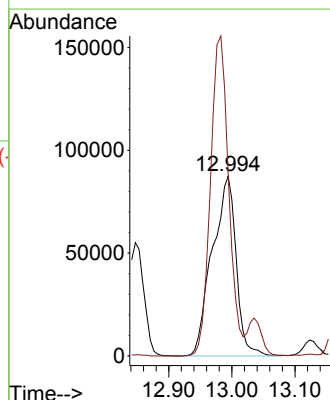
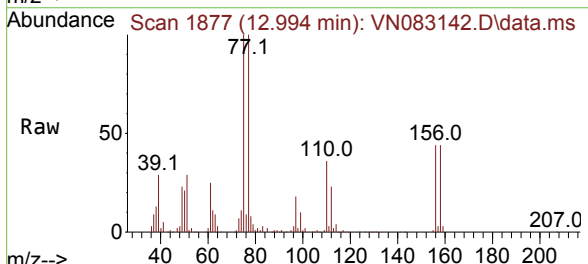
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

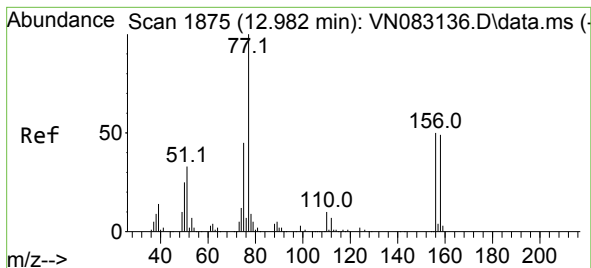
Tgt Ion: 83 Resp: 159962
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 64.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 66.543 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 75 Resp: 229573
Ion Ratio Lower Upper
75 100
77 136.0 110.9 332.6





#77

Bromobenzene

Concen: 46.649 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080724

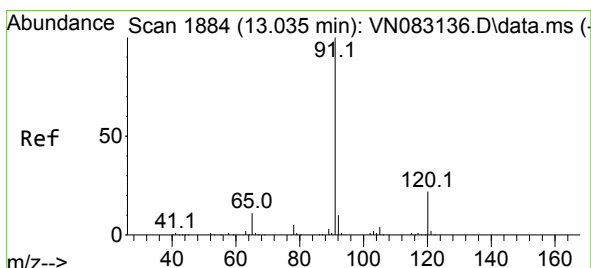
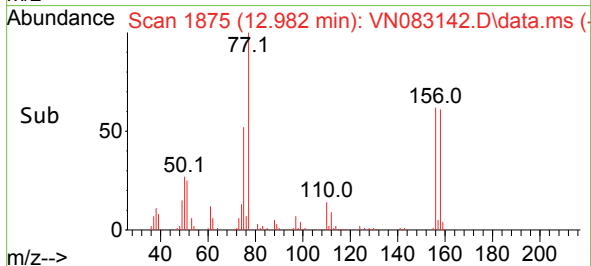
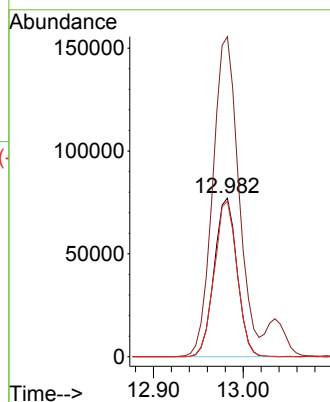
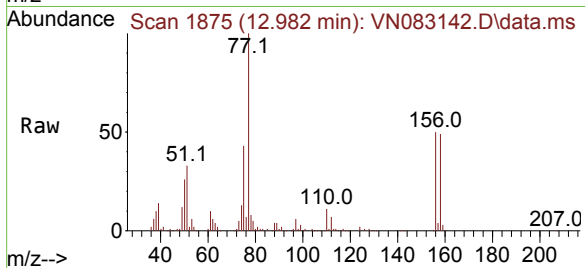
Tgt Ion:156 Resp: 136249

Ion Ratio Lower Upper

156 100

77 229.1 111.3 333.8

158 98.0 48.3 144.9



#78

n-propylbenzene

Concen: 47.678 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083142.D

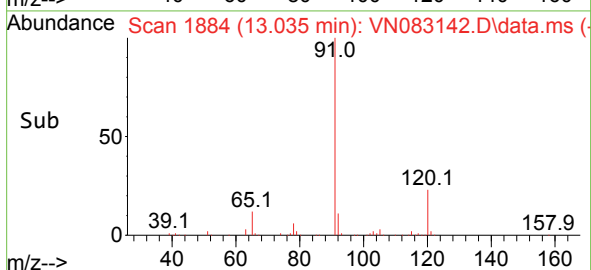
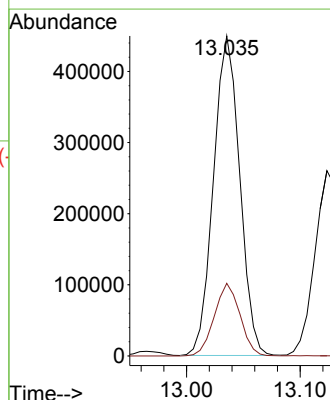
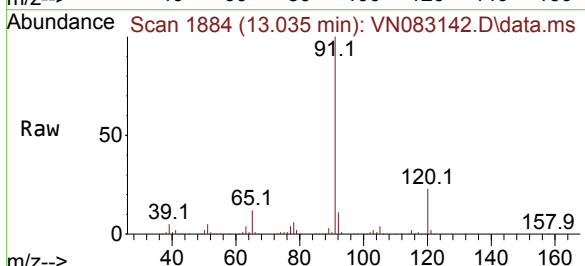
Acq: 07 Aug 2024 14:49

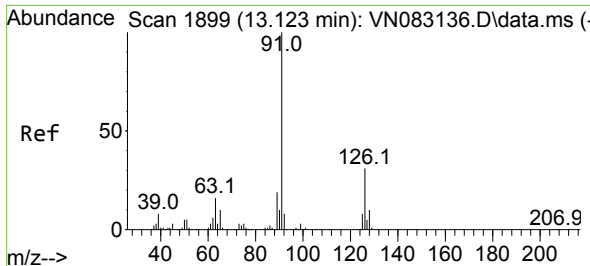
Tgt Ion: 91 Resp: 721825

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.9

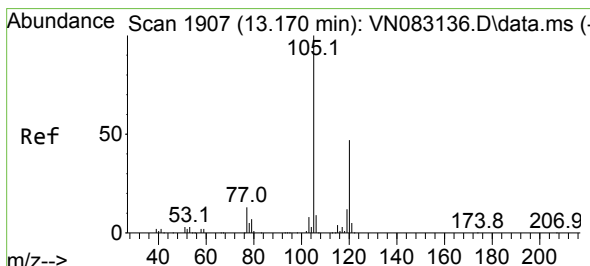
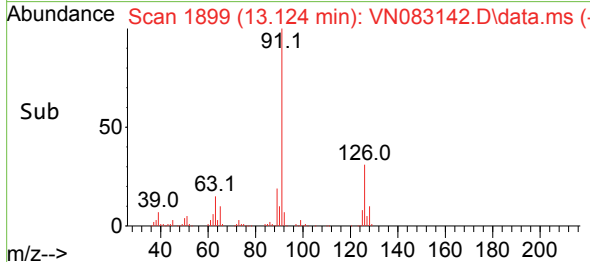
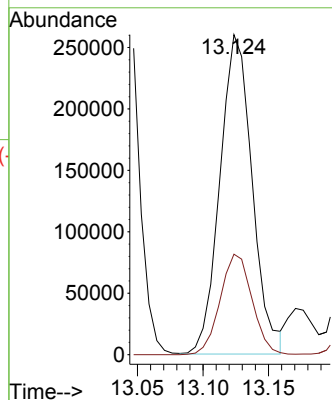
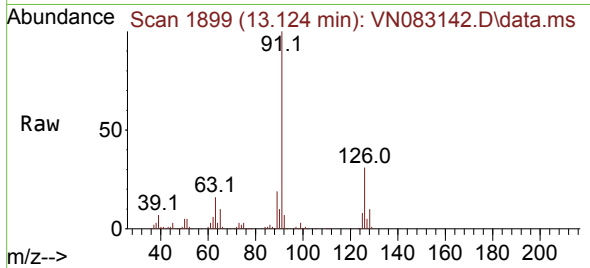




#79
2-Chlorotoluene
Concen: 46.398 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

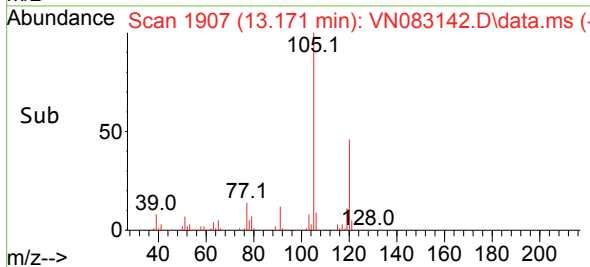
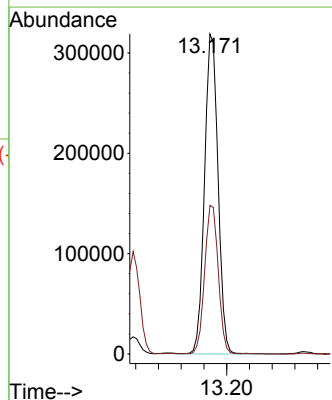
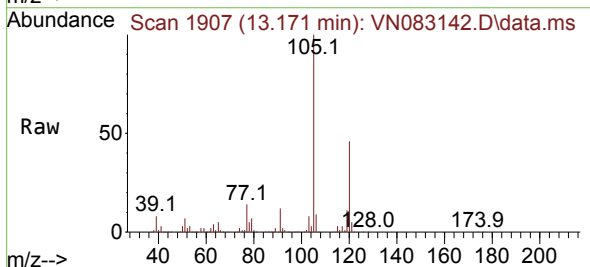
Instrument :
MSVOA_N
ClientSampleId :
ICV080724

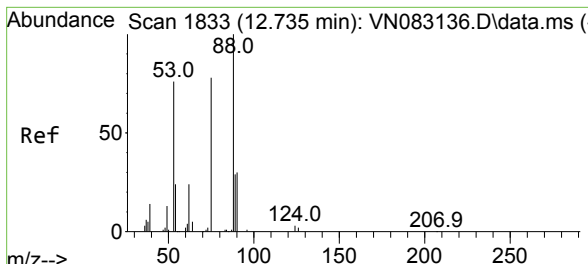
Tgt Ion: 91 Resp: 445353
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 47.673 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 105 Resp: 524769
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.8

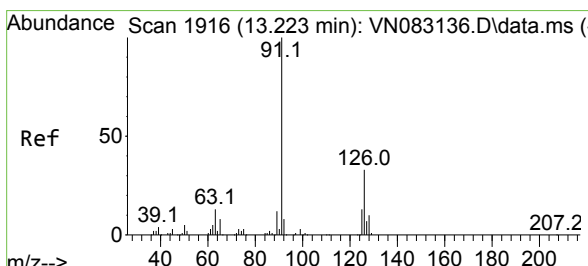
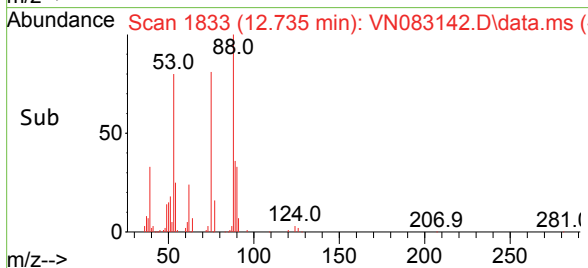
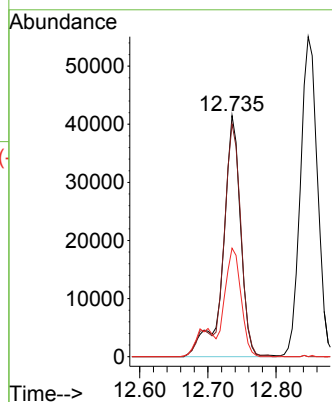
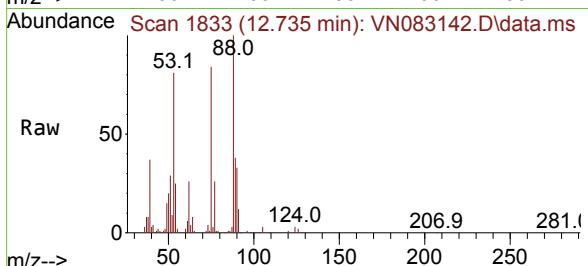




#81
trans-1,4-Dichloro-2-butene
Concen: 47.070 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

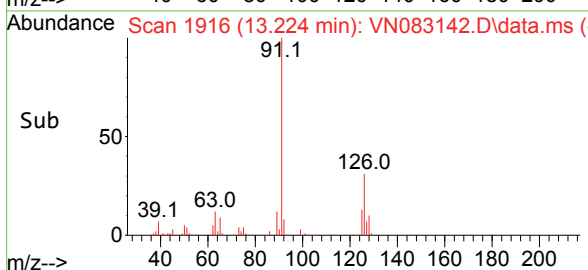
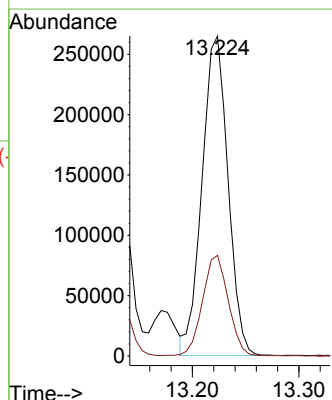
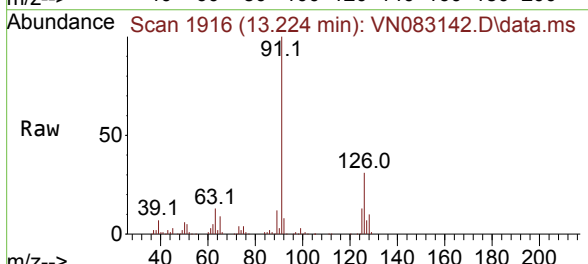
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

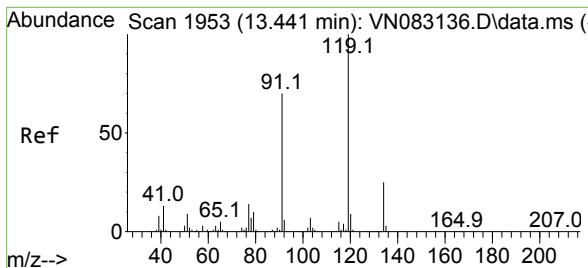
Tgt Ion: 75 Resp: 74654
Ion Ratio Lower Upper
75 100
53 89.6 88.4 132.6
89 41.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 46.512 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 91 Resp: 447810
Ion Ratio Lower Upper
91 100
126 31.2 16.2 48.6





#83

tert-Butylbenzene

Concen: 46.173 ug/l

RT: 13.435 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080724

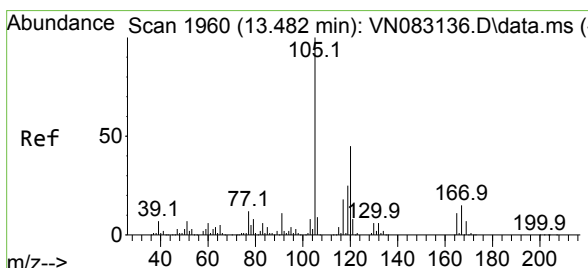
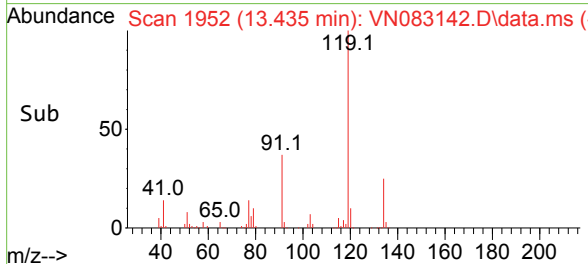
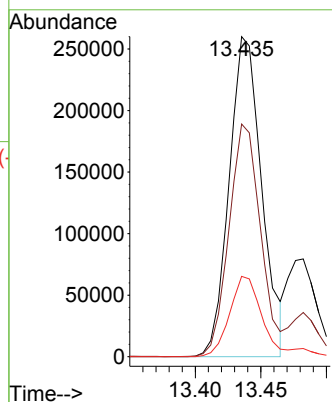
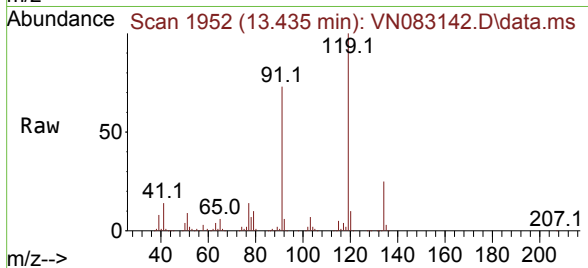
Tgt Ion:119 Resp: 450104

Ion Ratio Lower Upper

119 100

91 70.4 35.0 105.1

134 24.4 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 46.493 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083142.D

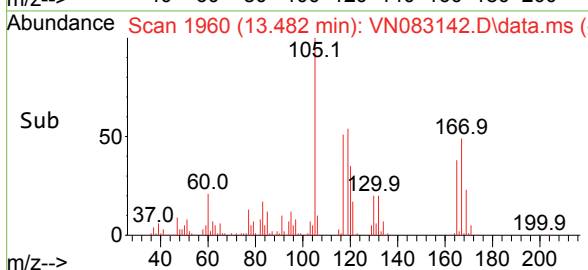
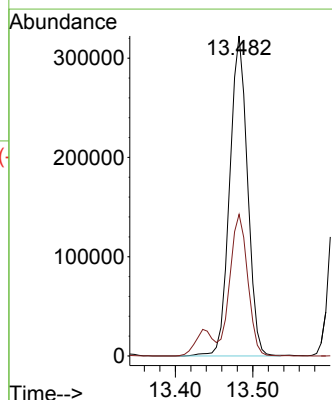
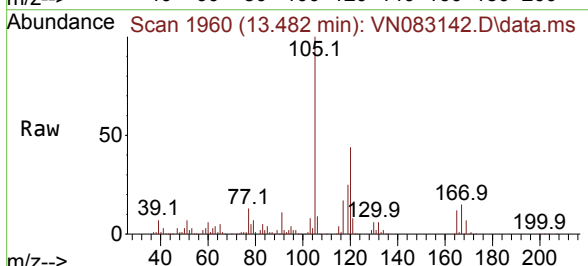
Acq: 07 Aug 2024 14:49

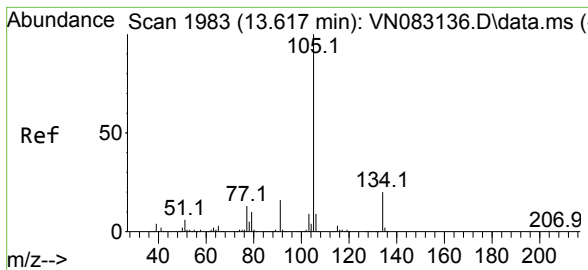
Tgt Ion:105 Resp: 515759

Ion Ratio Lower Upper

105 100

120 44.4 21.9 65.8





#85

sec-Butylbenzene

Concen: 47.018 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

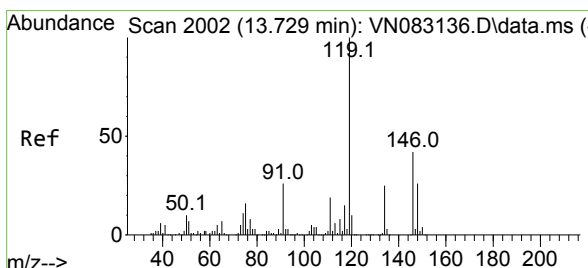
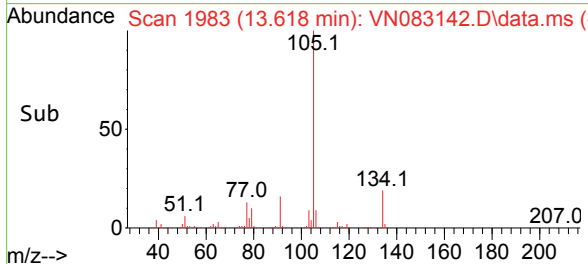
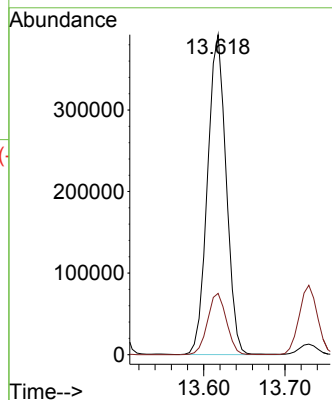
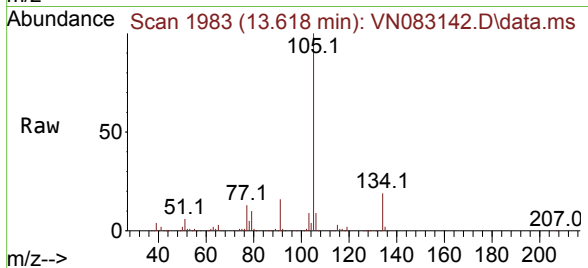
ICVVN080724

Tgt Ion:105 Resp: 625404

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 47.566 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

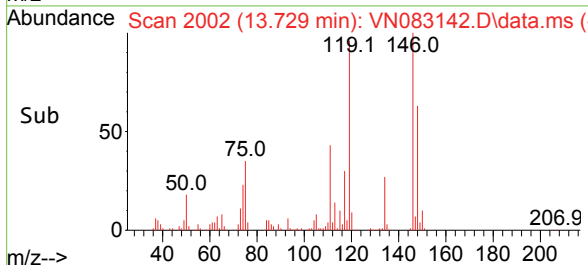
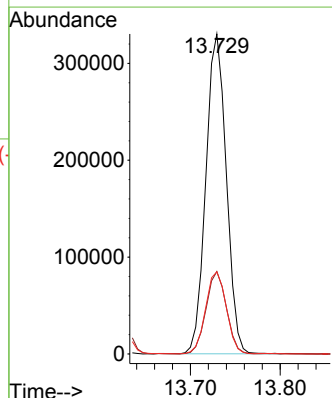
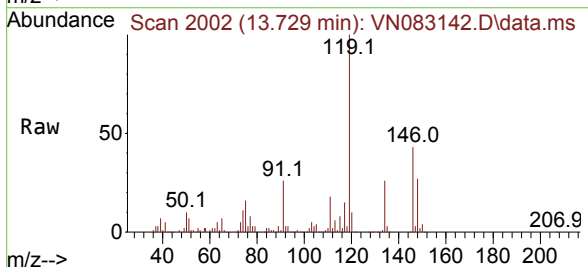
Tgt Ion:119 Resp: 522411

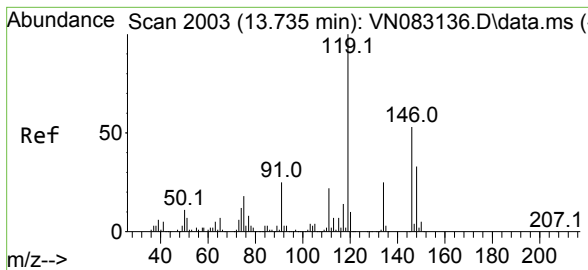
Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 25.9 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 45.959 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICV080724

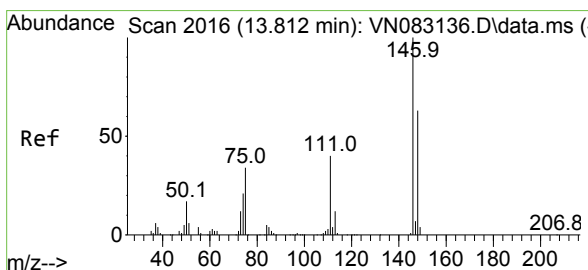
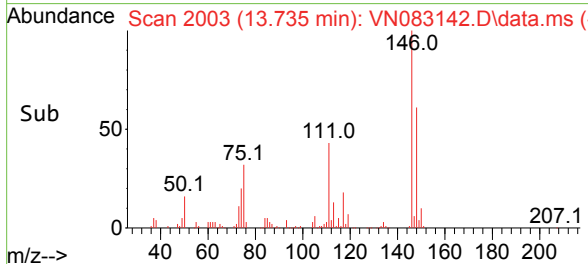
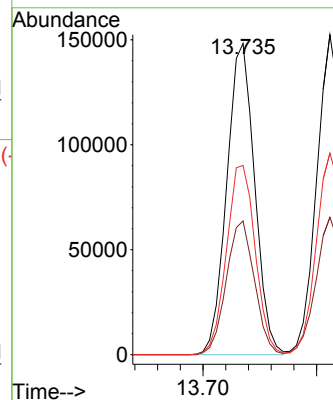
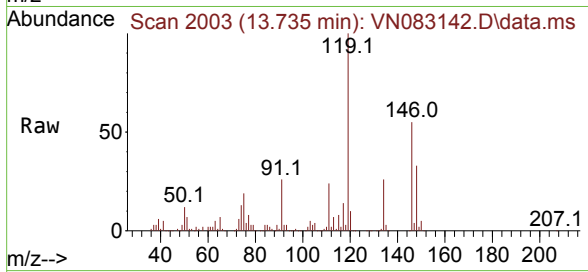
Tgt Ion:146 Resp: 252579

Ion Ratio Lower Upper

146 100

111 43.4 20.6 61.9

148 62.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 45.499 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

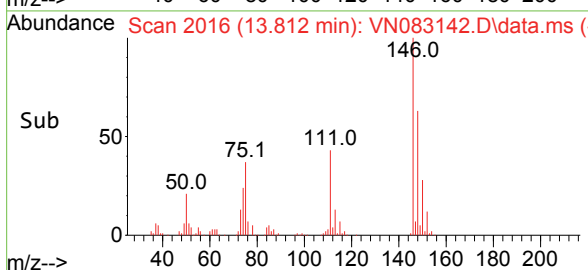
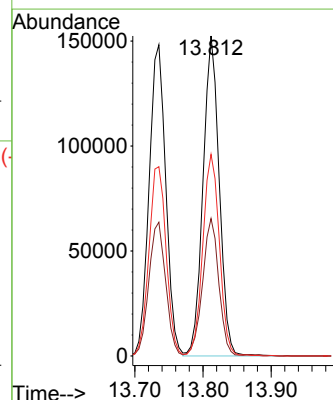
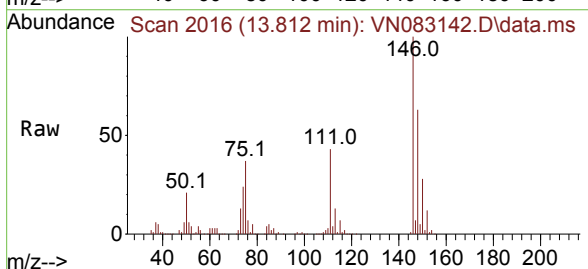
Tgt Ion:146 Resp: 252088

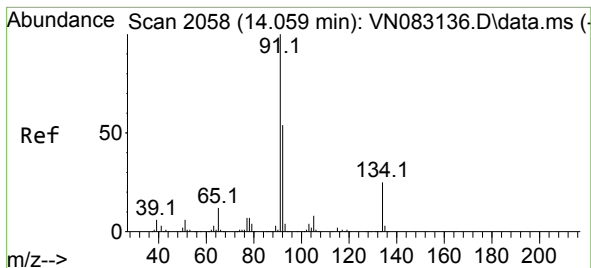
Ion Ratio Lower Upper

146 100

111 42.6 20.1 60.3

148 64.5 32.2 96.6





#89

n-Butylbenzene

Concen: 48.489 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080724

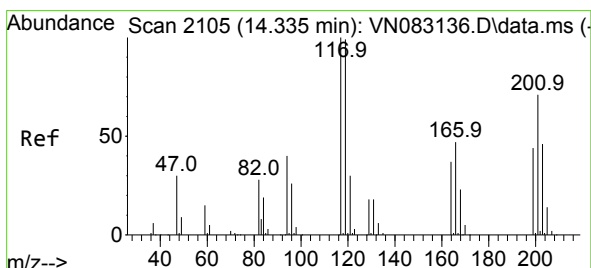
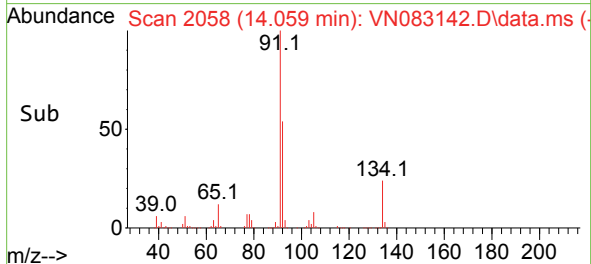
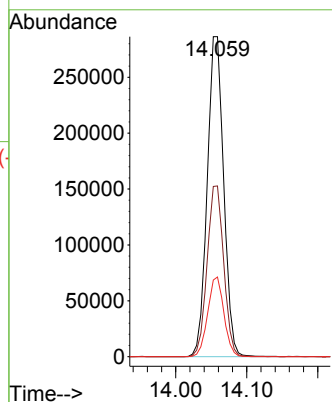
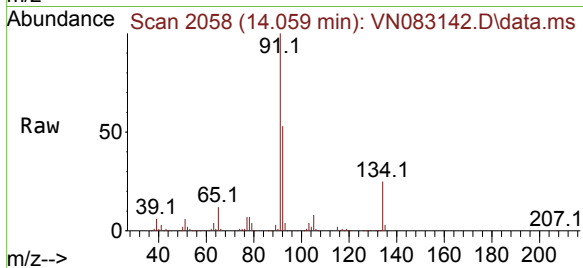
Tgt Ion: 91 Resp: 461440

Ion Ratio Lower Upper

91 100

92 53.9 26.1 78.3

134 24.5 12.1 36.3



#90

Hexachloroethane

Concen: 46.741 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN083142.D

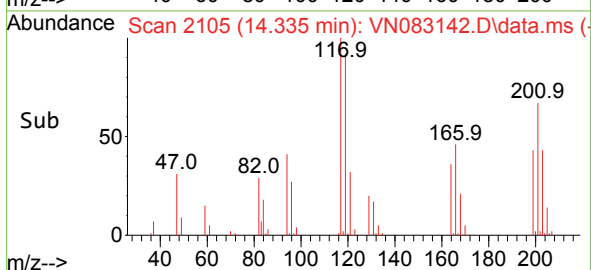
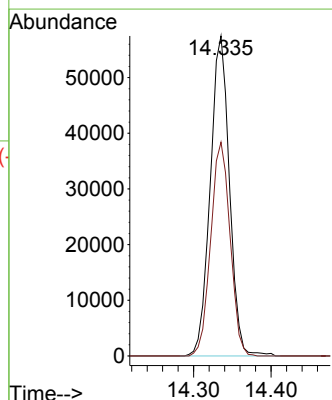
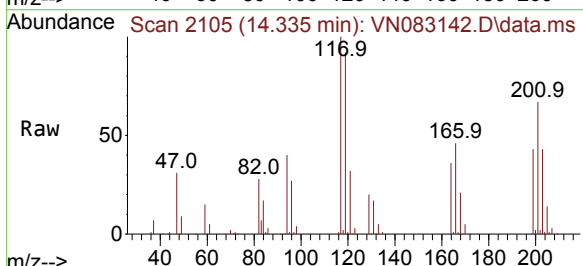
Acq: 07 Aug 2024 14:49

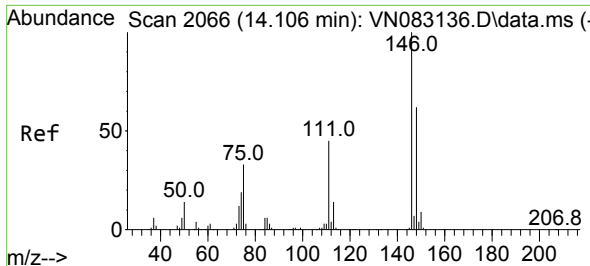
Tgt Ion: 117 Resp: 99176

Ion Ratio Lower Upper

117 100

201 67.3 35.8 107.3

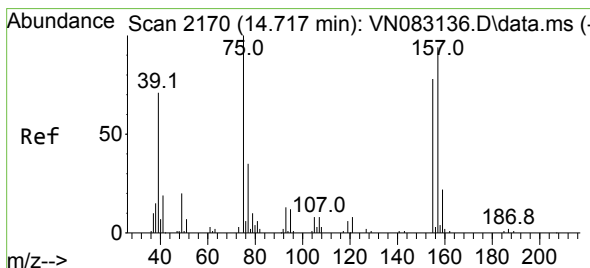
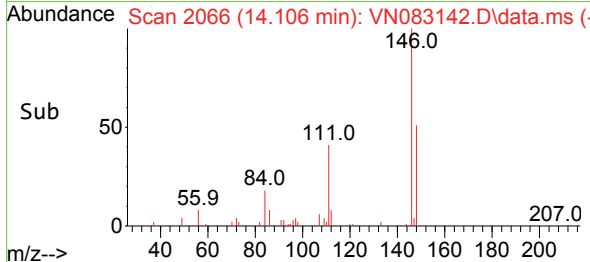
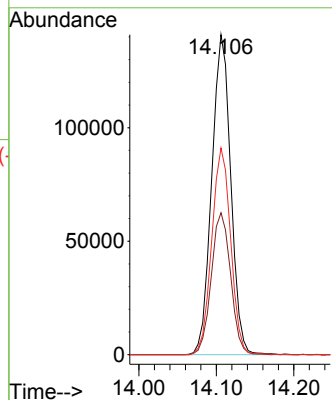
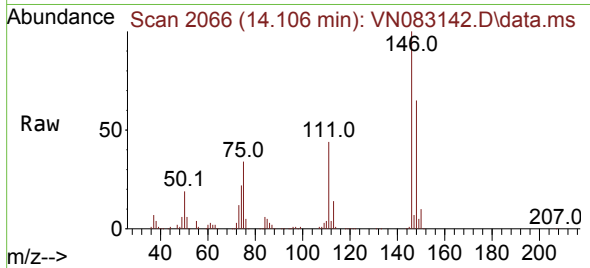




#91
1,2-Dichlorobenzene
Concen: 45.255 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

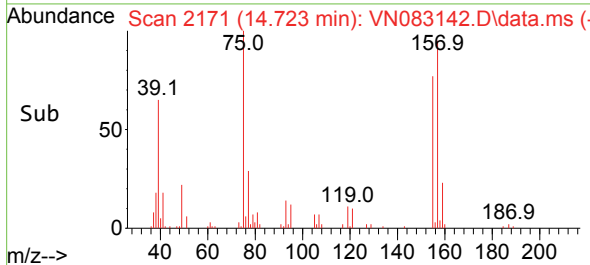
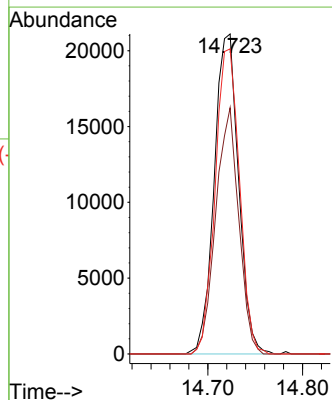
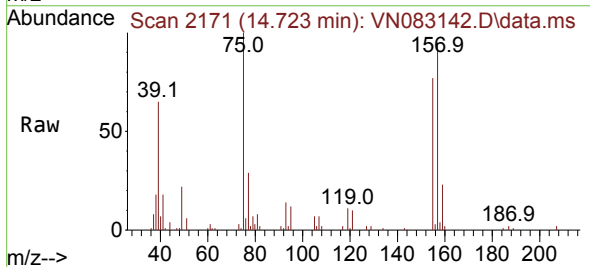
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080724

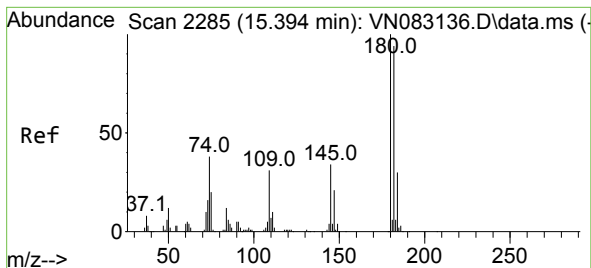
Tgt Ion:146 Resp: 240673
Ion Ratio Lower Upper
146 100
111 45.2 21.4 64.2
148 64.4 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.753 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN083142.D
Acq: 07 Aug 2024 14:49

Tgt Ion: 75 Resp: 37677
Ion Ratio Lower Upper
75 100
155 72.8 36.6 109.8
157 95.3 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 46.054 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080724

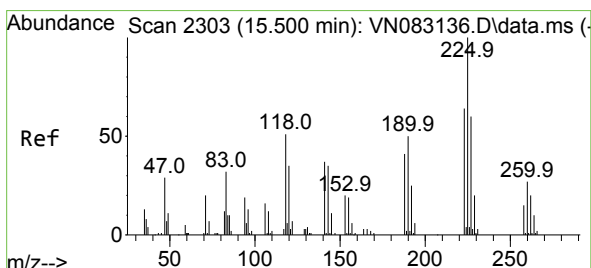
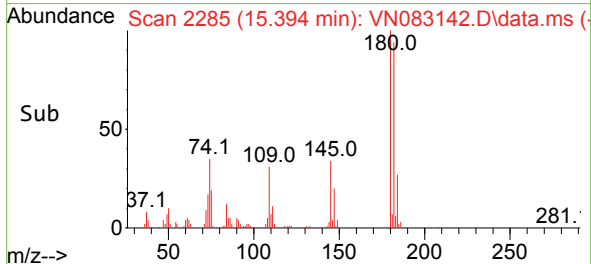
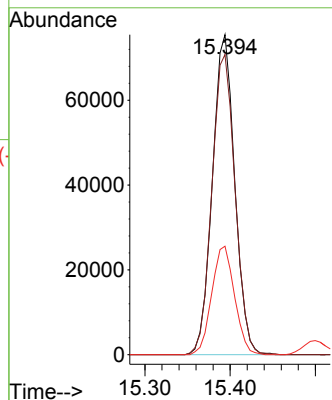
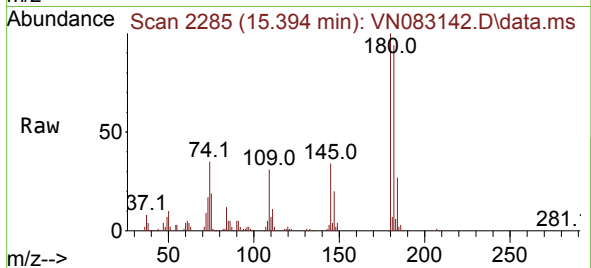
Tgt Ion:180 Resp: 137214

Ion Ratio Lower Upper

180 100

182 97.2 47.3 141.8

145 34.6 15.7 47.1



#94

Hexachlorobutadiene

Concen: 43.315 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083142.D

Acq: 07 Aug 2024 14:49

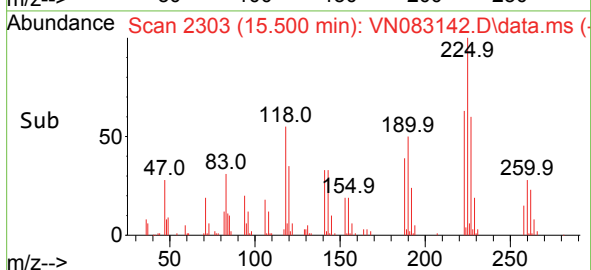
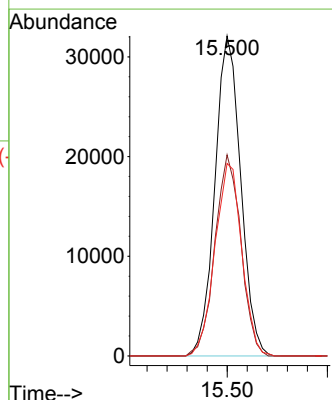
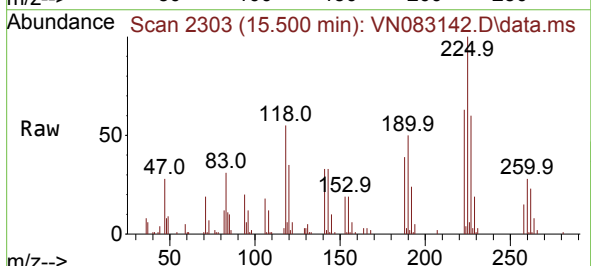
Tgt Ion:225 Resp: 57394

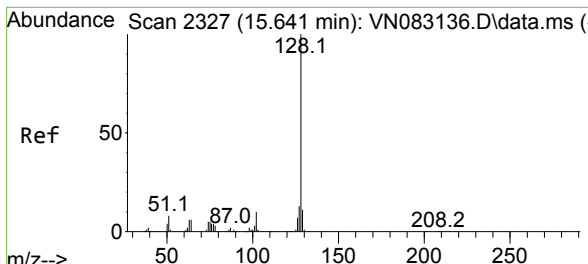
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.7

227 62.6 32.5 97.5

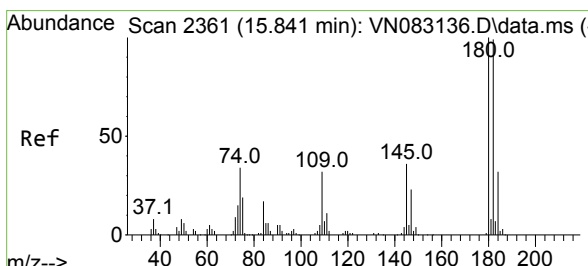
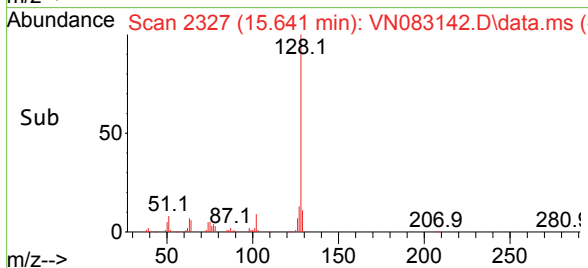
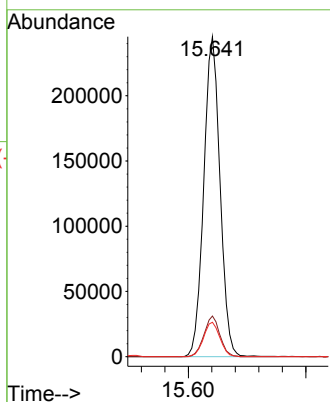
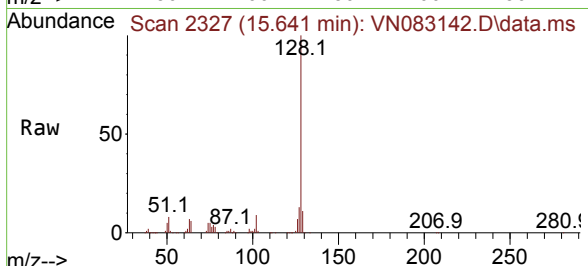




#95
 Naphthalene
 Concen: 44.692 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN083142.D
 Acq: 07 Aug 2024 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080724

Tgt Ion:	128	Resp:	471674
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	16.0
129	10.8	8.6	12.8



#96
 1,2,3-Trichlorobenzene
 Concen: 45.221 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.000 min
 Lab File: VN083142.D
 Acq: 07 Aug 2024 14:49

Tgt Ion:	180	Resp:	133315
Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.9	146.8
145	36.6	16.8	50.4

