

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083155.D
 Acq On : 08 Aug 2024 14:58
 Operator : JC\MD
 Sample : P3415-05MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 09 01:02:41 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	192098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144859	52.978	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.960%	
35) Dibromofluoromethane	8.165	113	107089	51.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.480%	
50) Toluene-d8	10.565	98	404706	52.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	12.847	95	158795	52.758	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	107067	49.149	ug/l	98
3) Chloromethane	2.360	50	106602	47.798	ug/l	98
4) Vinyl Chloride	2.513	62	109845	48.268	ug/l	99
5) Bromomethane	2.948	94	65212	46.181	ug/l	94
6) Chloroethane	3.113	64	65823	46.232	ug/l	97
7) Trichlorofluoromethane	3.495	101	190263	50.609	ug/l	97
8) Diethyl Ether	3.960	74	68535	48.991	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	102674	49.536	ug/l	99
10) Methyl Iodide	4.589	142	136819	50.181	ug/l	97
11) Tert butyl alcohol	5.524	59	132797	233.700	ug/l	99
12) 1,1-Dichloroethene	4.336	96	103252	48.488	ug/l	92
13) Acrolein	4.177	56	101554	274.214	ug/l	99
14) Allyl chloride	5.024	41	193111	47.989	ug/l	89
15) Acrylonitrile	5.718	53	285283	244.111	ug/l	99
16) Acetone	4.424	43	241207	225.443	ug/l	96
17) Carbon Disulfide	4.713	76	282350	45.315	ug/l	99
18) Methyl Acetate	5.024	43	146645	46.003	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	383975	49.957	ug/l	99
20) Methylene Chloride	5.277	84	112494	45.685	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	105993	48.159	ug/l	92
22) Diisopropyl ether	6.671	45	376481	49.771	ug/l	97
23) Vinyl Acetate	6.601	43	2068006	266.729	ug/l	96
24) 1,1-Dichloroethane	6.571	63	205970	49.956	ug/l	98
25) 2-Butanone	7.483	43	396066	241.087	ug/l	92
26) 2,2-Dichloropropane	7.489	77	178519	46.623	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	128648	48.440	ug/l	93
28) Bromochloromethane	7.812	49	86935	51.595	ug/l	85
29) Tetrahydrofuran	7.842	42	262568	247.243	ug/l	88
30) Chloroform	7.965	83	217383	50.749	ug/l	99
31) Cyclohexane	8.259	56	181763	44.857	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	206301	50.882	ug/l	95
36) 1,1-Dichloropropene	8.371	75	151659	48.440	ug/l	99
37) Ethyl Acetate	7.559	43	155725	44.423	ug/l	# 93
38) Carbon Tetrachloride	8.365	117	178385	50.586	ug/l	97
39) Methylcyclohexane	9.600	83	182320	47.411	ug/l	98
40) Benzene	8.606	78	468834	50.267	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	92861	46.589	ug/l	96
42) 1,2-Dichloroethane	8.671	62	172255	50.699	ug/l	98
43) Isopropyl Acetate	8.689	43	297397	48.838	ug/l #	95
44) Trichloroethene	9.353	130	110945	49.975	ug/l	94
45) 1,2-Dichloropropane	9.624	63	114209	51.586	ug/l	99
46) Dibromomethane	9.712	93	81724	51.571	ug/l	99
47) Bromodichloromethane	9.889	83	177493	49.883	ug/l	97
48) Methyl methacrylate	9.683	41	140927	48.626	ug/l	93
49) 1,4-Dioxane	9.695	88	50109	958.363	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	847032	255.519	ug/l	94
52) Toluene	10.630	92	339504	57.610	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	189285	51.788	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	192132	49.422	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	109598	51.895	ug/l	99
56) Ethyl methacrylate	10.871	69	201245	50.547	ug/l	88
57) 1,3-Dichloropropane	11.165	76	189741	50.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.206	63	1286	0.764	ug/l #	48
59) 2-Hexanone	11.194	43	633913	247.180	ug/l	92
60) Dibromochloromethane	11.359	129	134182	52.551	ug/l	98
61) 1,2-Dibromoethane	11.471	107	111719	50.357	ug/l	98
64) Tetrachloroethene	11.106	164	92571	48.690	ug/l	95
65) Chlorobenzene	11.889	112	314987	49.652	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	112071	50.090	ug/l	99
67) Ethyl Benzene	11.965	91	583447	50.134	ug/l	98
68) m/p-Xylenes	12.071	106	439210	100.749	ug/l	98
69) o-Xylene	12.400	106	216243	50.294	ug/l	99
70) Styrene	12.412	104	367420	50.880	ug/l	98
71) Bromoform	12.577	173	88322	52.108	ug/l #	97
73) Isopropylbenzene	12.694	105	558049	48.213	ug/l	99
74) N-amyl acetate	12.494	43	257297	45.446	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	158436	48.397	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	220276	72.527	ug/l	44
77) Bromobenzene	12.983	156	126356	49.143	ug/l	97
78) n-propylbenzene	13.035	91	657639	49.343	ug/l	100
79) 2-Chlorotoluene	13.124	91	412881	48.862	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	480009	49.535	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	63439	45.436	ug/l	91
82) 4-Chlorotoluene	13.224	91	409650	48.332	ug/l	99
83) tert-Butylbenzene	13.435	119	416976	48.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	478570	49.005	ug/l	99
85) sec-Butylbenzene	13.618	105	563883	48.155	ug/l	100
86) p-Isopropyltoluene	13.730	119	472431	48.863	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	233552	48.273	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	232389	47.645	ug/l	99
89) n-Butylbenzene	14.053	91	411575	49.128	ug/l	98
90) Hexachloroethane	14.335	117	92388	49.460	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	224047	47.855	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	35968	45.277	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	123795	47.198	ug/l	99
94) Hexachlorobutadiene	15.500	225	47960	41.115	ug/l	99
95) Naphthalene	15.641	128	439632	47.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	119686	46.116	ug/l	96

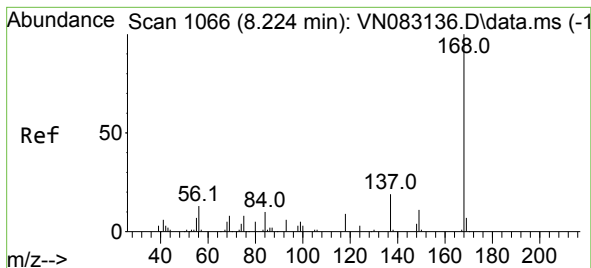
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VN083155.D

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Instrument :

MSVOA_N

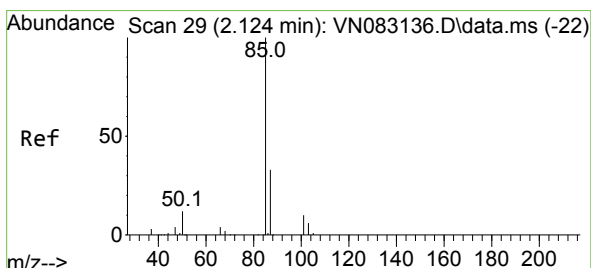
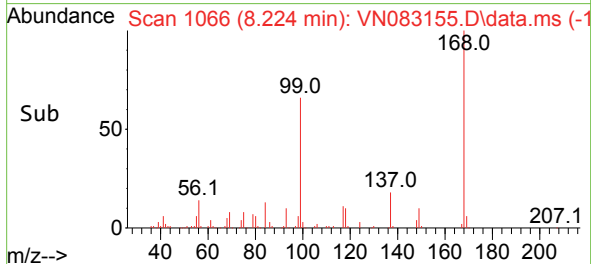
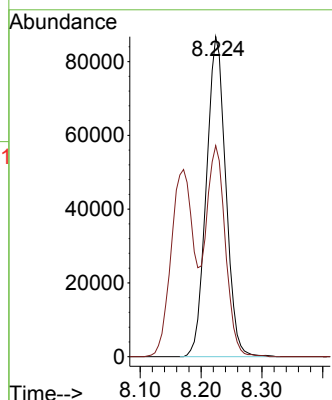
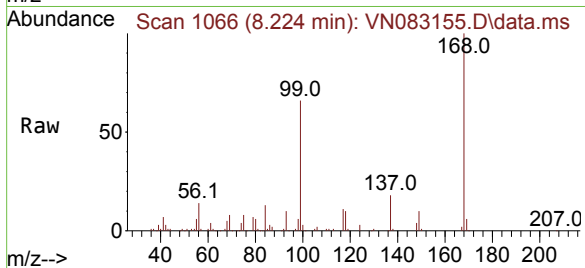
ClientSampleId :

Tgt Ion:168 Resp: 192098

Ion Ratio Lower Upper

168 100

99 66.0 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 49.149 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN083155.D

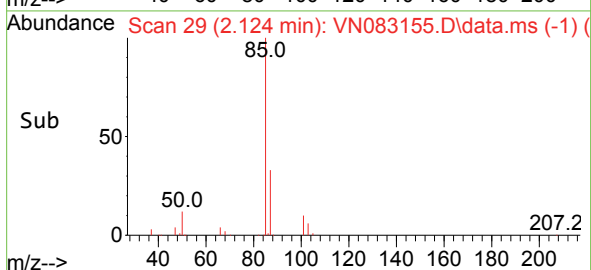
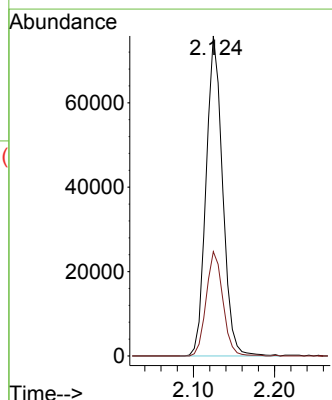
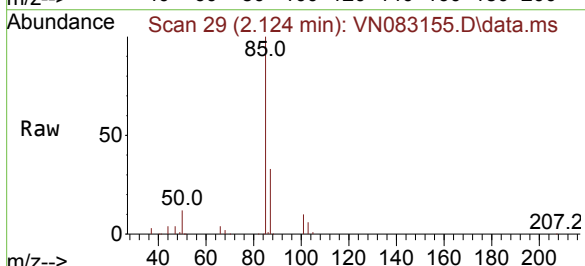
Acq: 08 Aug 2024 14:58

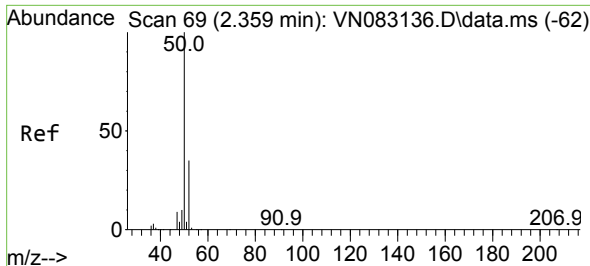
Tgt Ion: 85 Resp: 107067

Ion Ratio Lower Upper

85 100

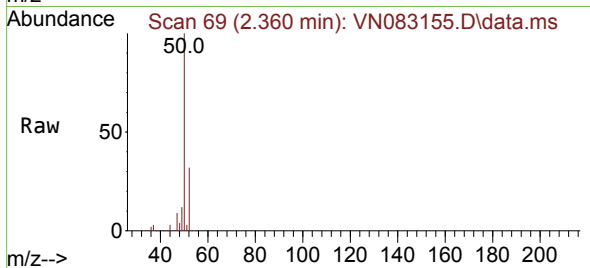
87 32.6 15.7 47.0



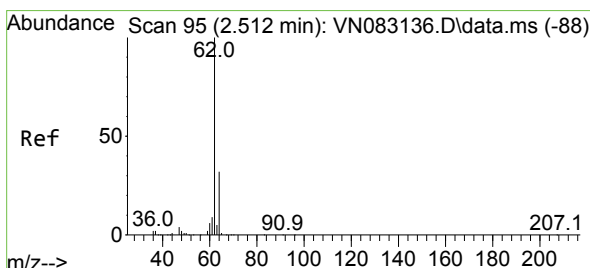
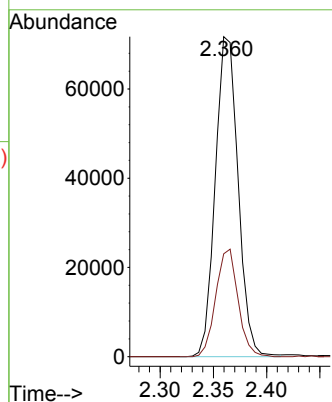
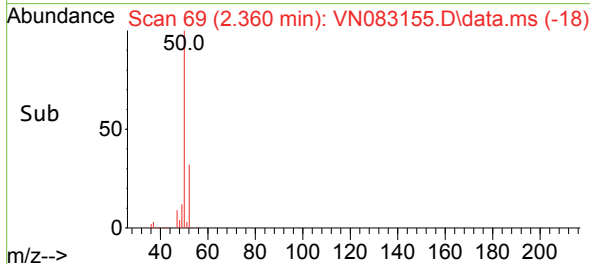


#3
Chloromethane
Concen: 47.798 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083155.D
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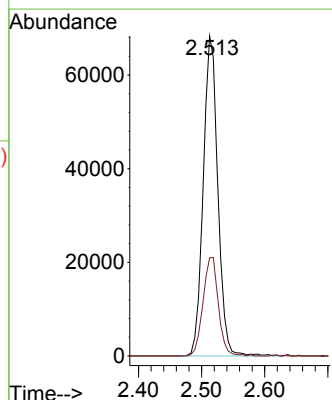
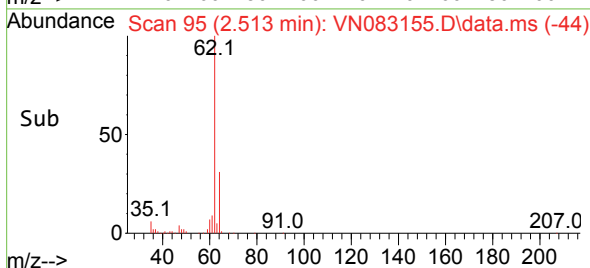
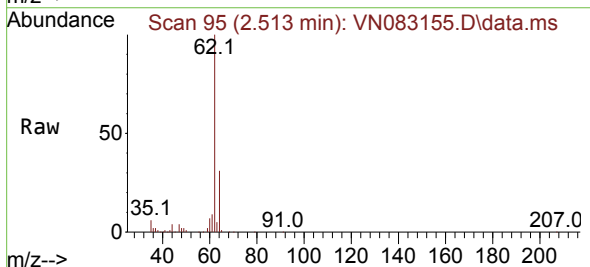


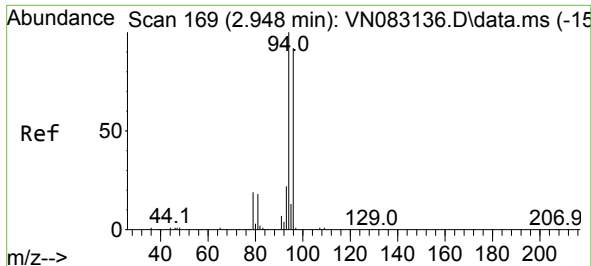
Tgt Ion: 50 Resp: 106602
Ion Ratio Lower Upper
50 100
52 32.2 25.0 37.4



#4
Vinyl Chloride
Concen: 48.268 ug/l
RT: 2.513 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083155.D
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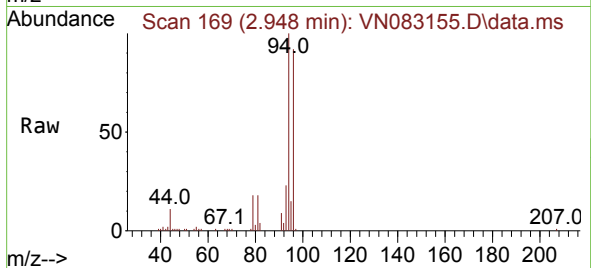
Tgt Ion: 62 Resp: 109845
Ion Ratio Lower Upper
62 100
64 30.7 25.0 37.6



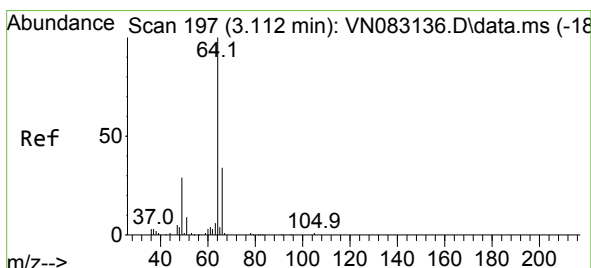
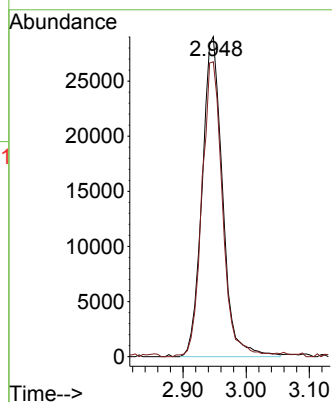
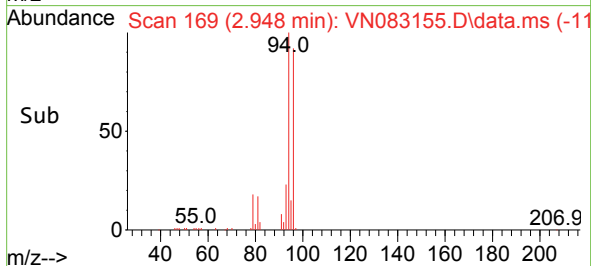


#5
Bromomethane
Concen: 46.181 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

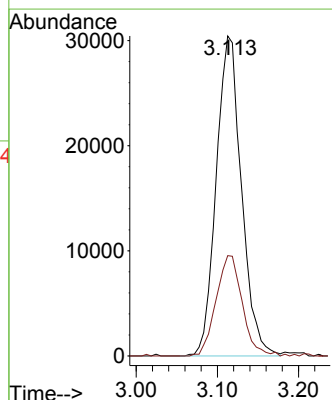
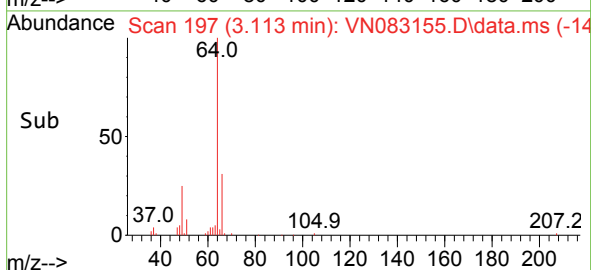
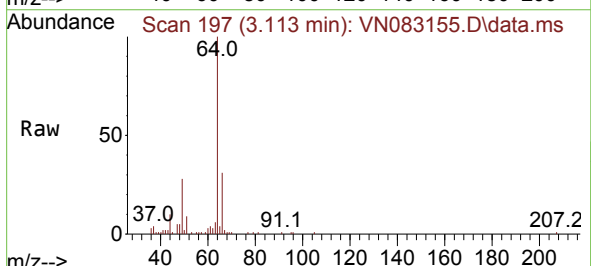


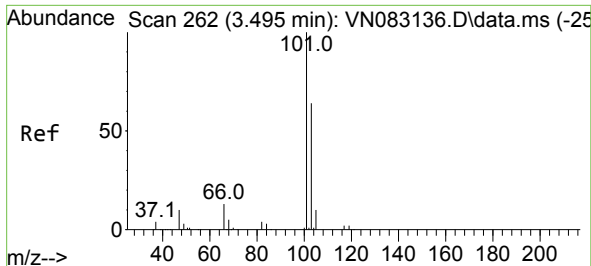
Tgt Ion: 94 Resp: 65212
Ion Ratio Lower Upper
94 100
96 91.6 78.0 117.0



#6
Chloroethane
Concen: 46.232 ug/l
RT: 3.113 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion: 64 Resp: 65823
Ion Ratio Lower Upper
64 100
66 31.3 26.6 40.0

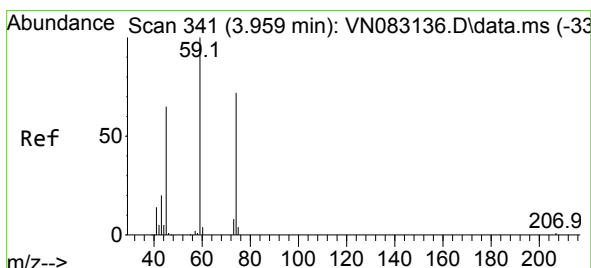
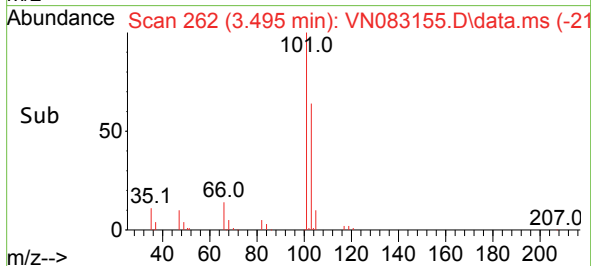
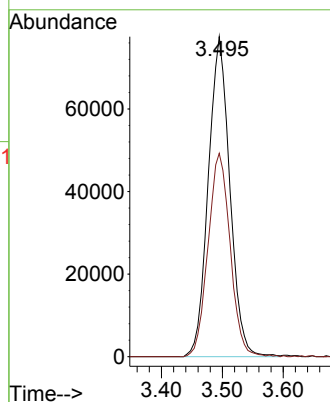
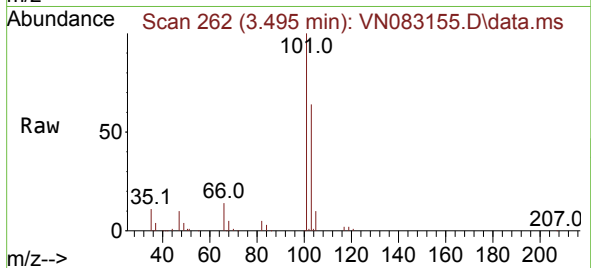




#7
 Trichlorofluoromethane
 Concen: 50.609 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN083155.D
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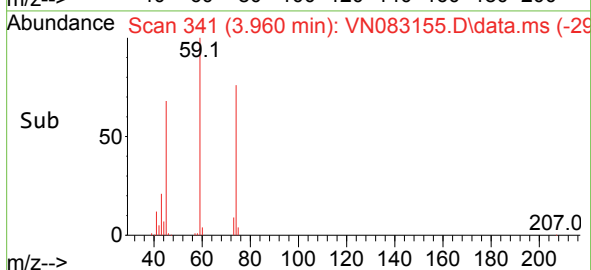
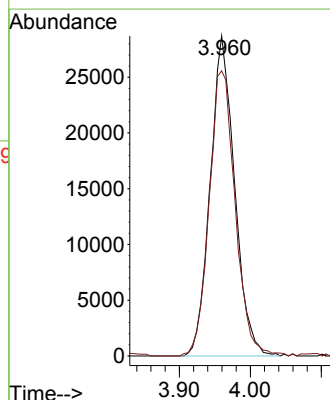
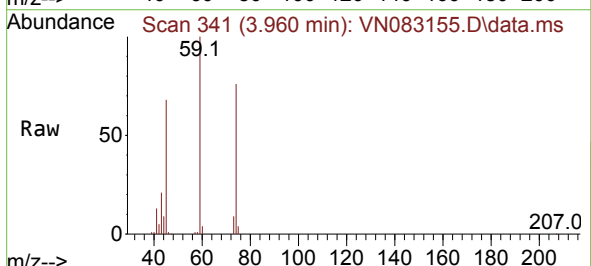
Instrument :
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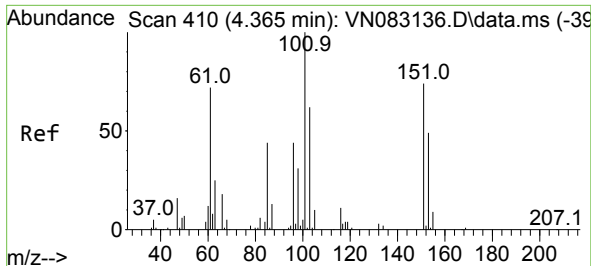
Tgt Ion:101 Resp: 190263
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.7 79.1



#8
 Diethyl Ether
 Concen: 48.991 ug/l
 RT: 3.960 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

Tgt Ion: 74 Resp: 68535
 Ion Ratio Lower Upper
 74 100
 45 94.8 55.5 166.3

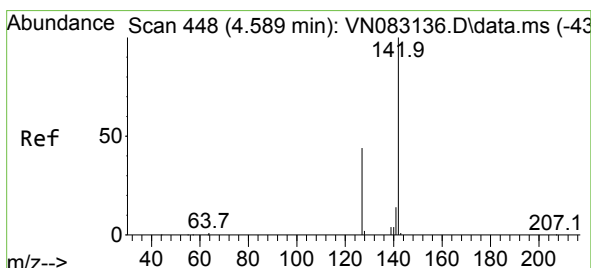
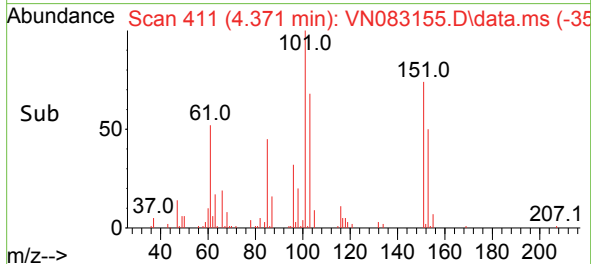
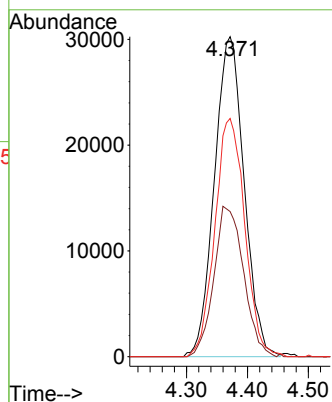
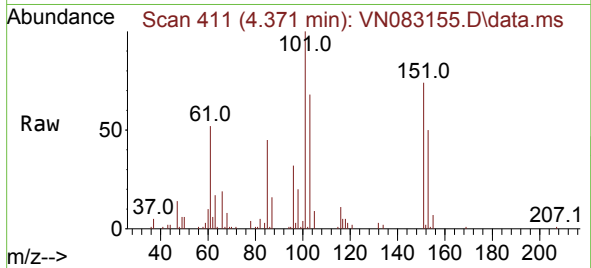




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.536 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN083155.D
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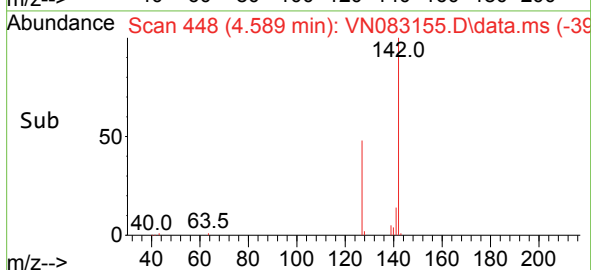
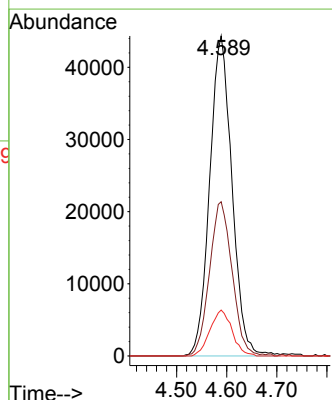
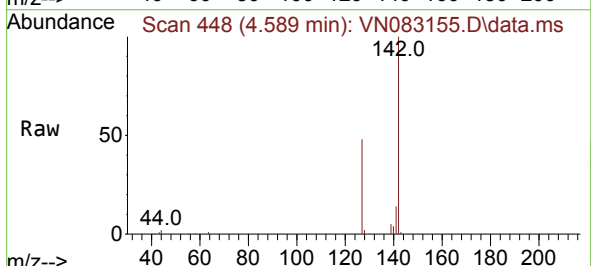
Instrument :
MSVOA_N
ClientSampleId :

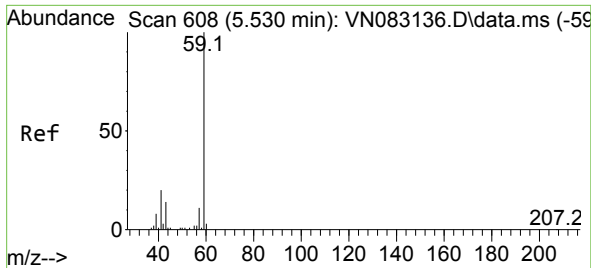
Tgt Ion:101 Resp: 102674
Ion Ratio Lower Upper
101 100
85 46.9 38.3 57.5
151 74.8 59.3 88.9



#10
Methyl Iodide
Concen: 50.181 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion:142 Resp: 136819
Ion Ratio Lower Upper
142 100
127 48.2 37.5 56.3
141 14.4 13.1 19.7

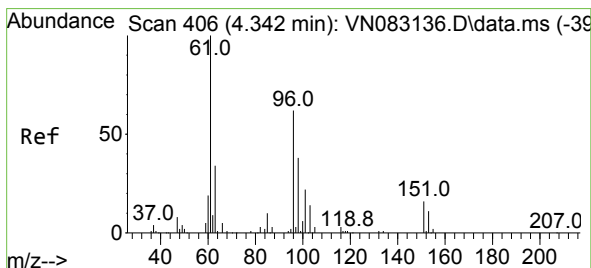
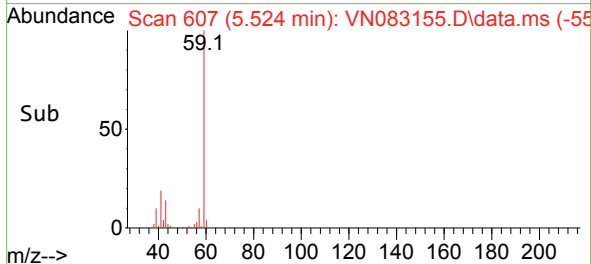
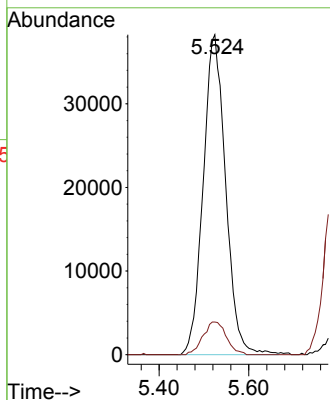
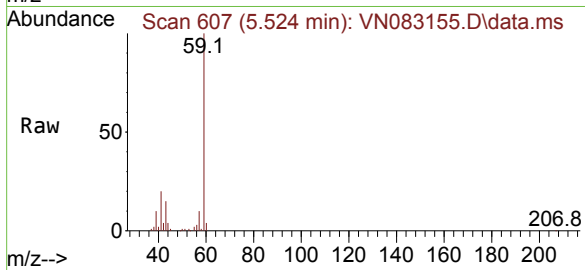




#11
Tert butyl alcohol
Concen: 233.700 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

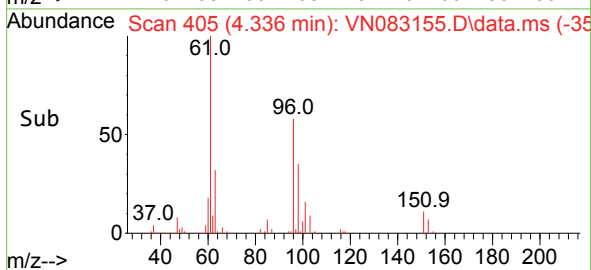
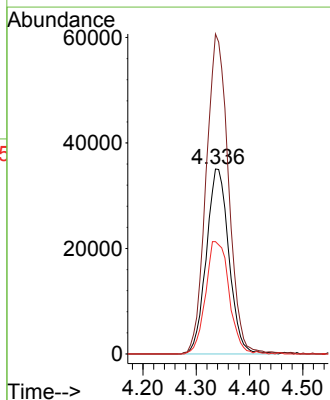
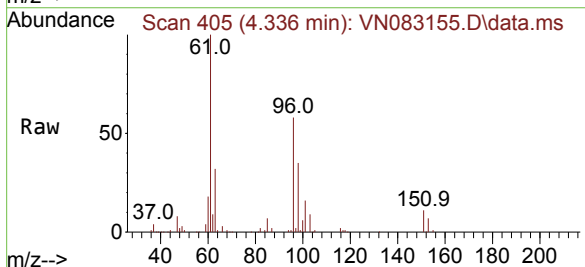
Instrument :
MSVOA_N
ClientSampleId :

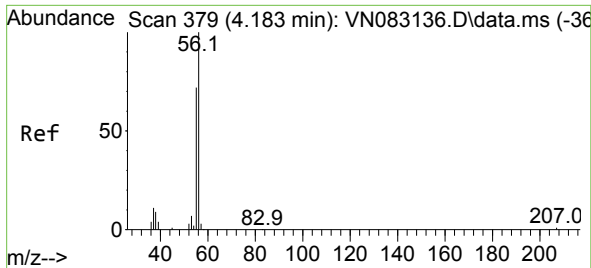
Tgt Ion: 59 Resp: 132797
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3



#12
1,1-Dichloroethene
Concen: 48.488 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion: 96 Resp: 103252
Ion Ratio Lower Upper
96 100
61 173.0 149.7 224.5
98 60.7 50.1 75.1





#13

Acrolein

Concen: 274.214 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

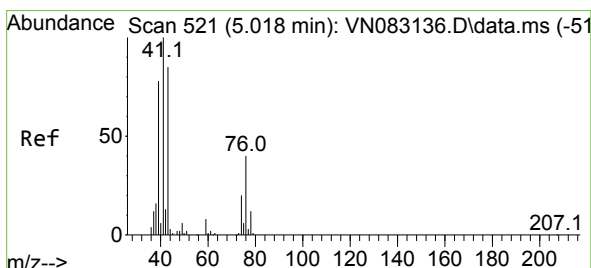
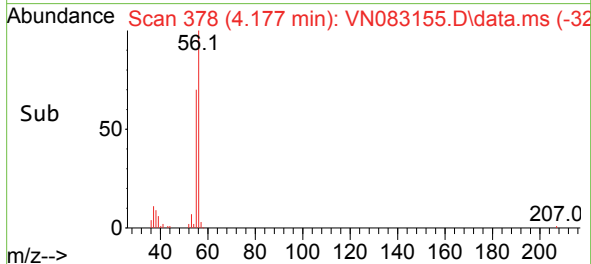
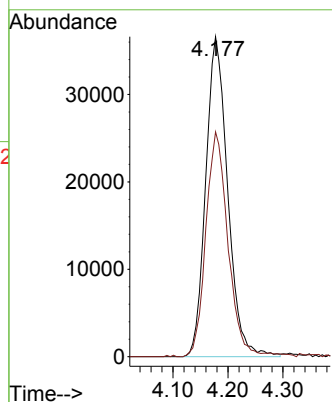
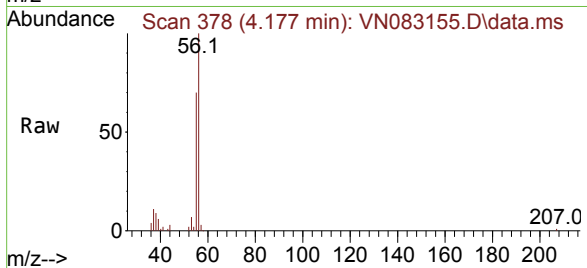
ClientSampleId :

Tgt Ion: 56 Resp: 101554

Ion Ratio Lower Upper

56 100

55 71.2 56.4 84.6



#14

Allyl chloride

Concen: 47.989 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

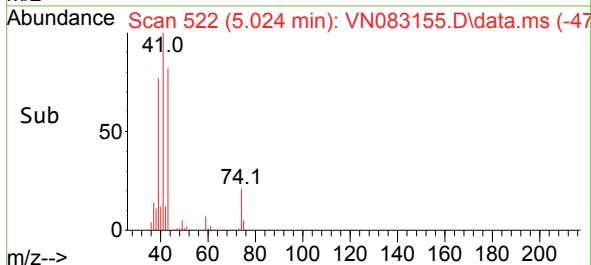
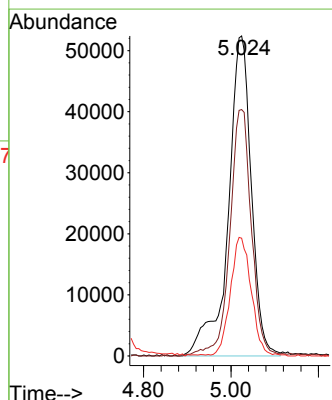
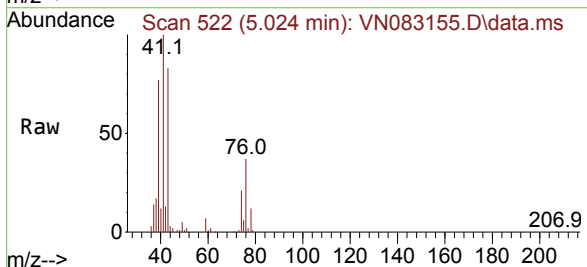
Tgt Ion: 41 Resp: 193111

Ion Ratio Lower Upper

41 100

39 71.5 67.8 101.6

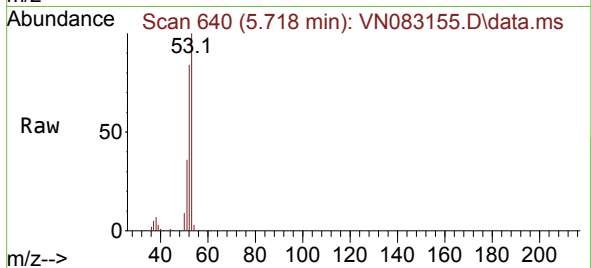
76 33.4 25.8 38.8



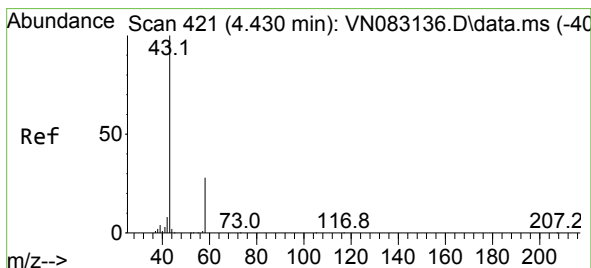
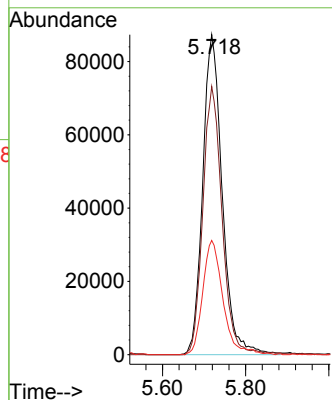
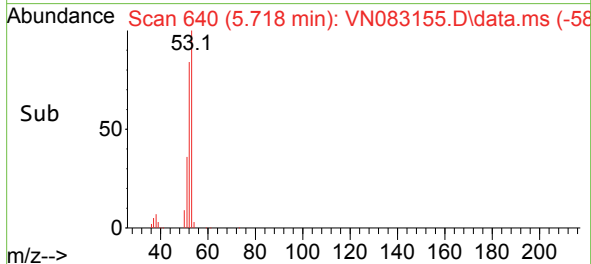


#15
Acrylonitrile
Concen: 244.111 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

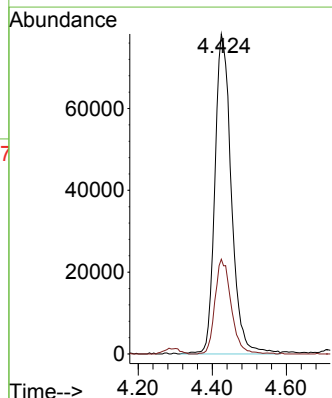
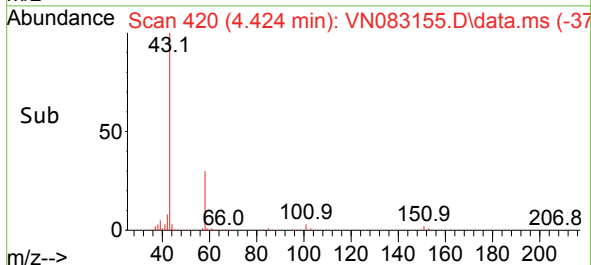
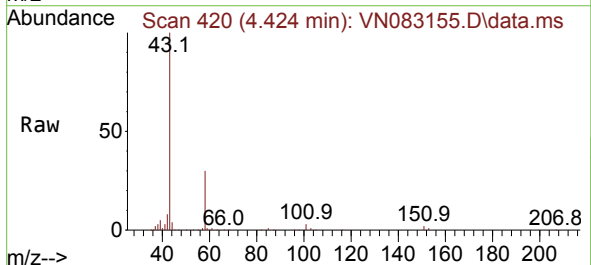


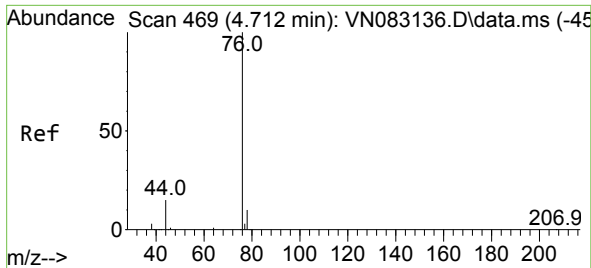
Tgt Ion: 53 Resp: 285283
Ion Ratio Lower Upper
53 100
52 82.4 66.6 100.0
51 36.9 30.1 45.1



#16
Acetone
Concen: 225.443 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion: 43 Resp: 241207
Ion Ratio Lower Upper
43 100
58 29.4 21.8 32.6

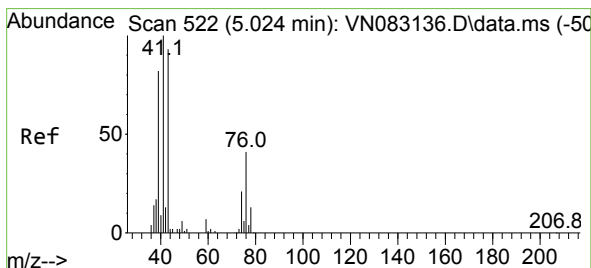
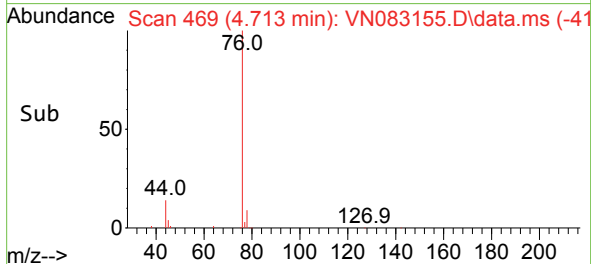
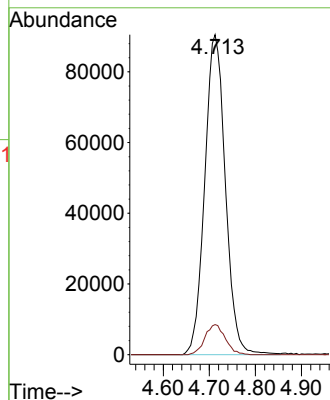
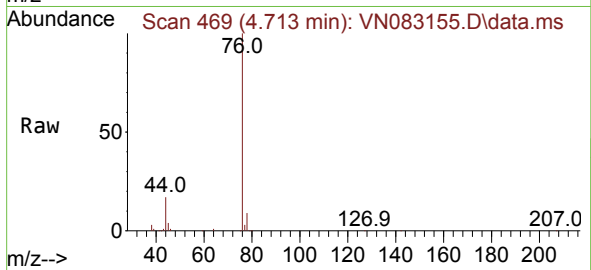




#17
Carbon Disulfide
Concen: 45.315 ug/l
RT: 4.713 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

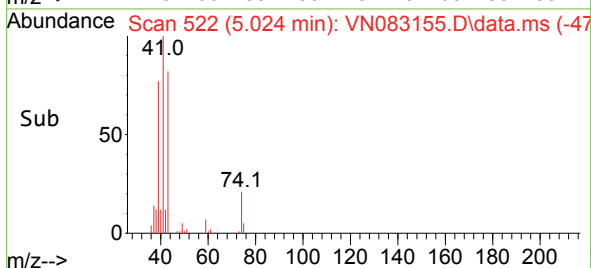
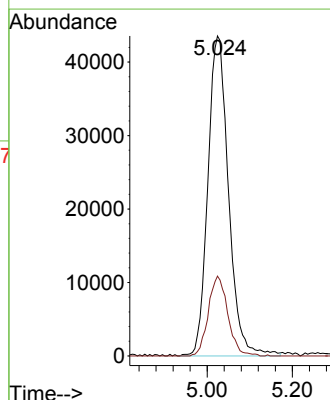
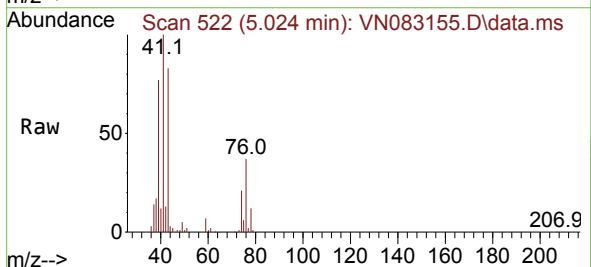
Instrument :
MSVOA_N
ClientSampleId :

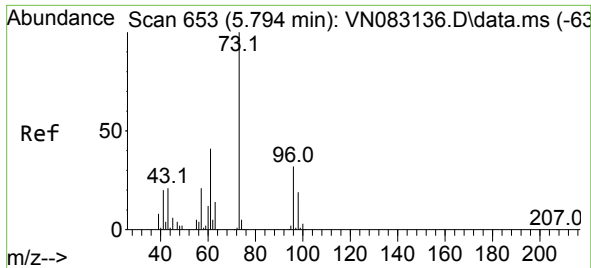
Tgt Ion: 76 Resp: 282350
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 46.003 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion: 43 Resp: 146645
Ion Ratio Lower Upper
43 100
74 23.6 16.3 24.5

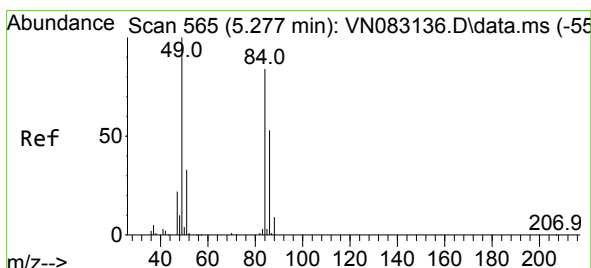
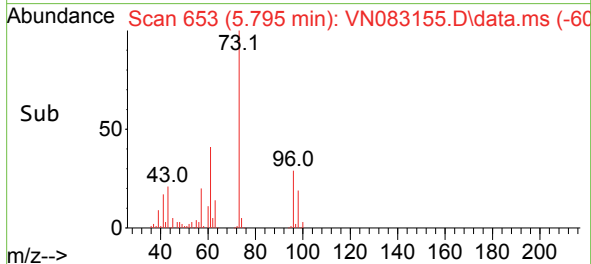
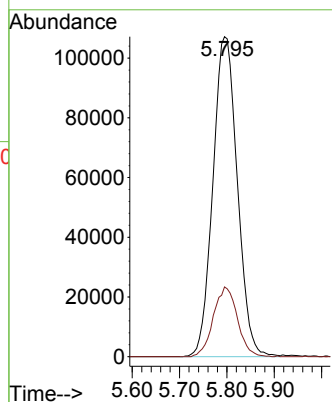
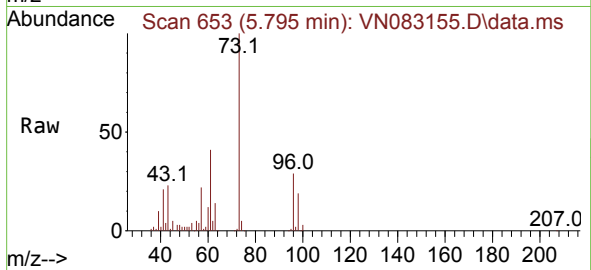




#19
Methyl tert-butyl Ether
Concen: 49.957 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

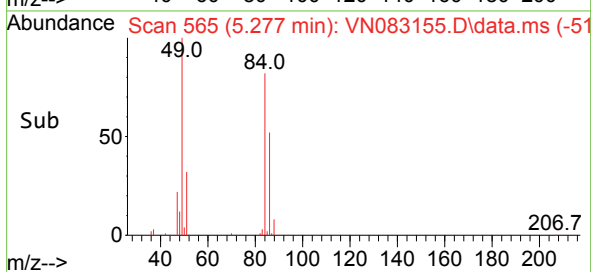
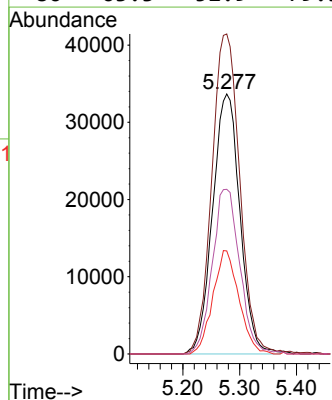
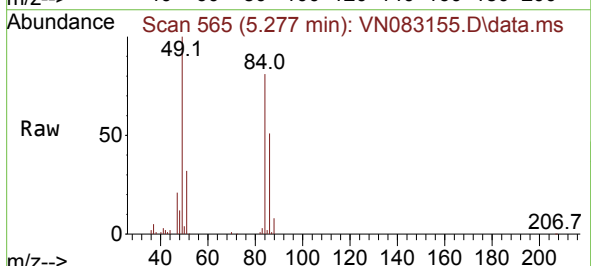
Instrument :
MSVOA_N
ClientSampleId :

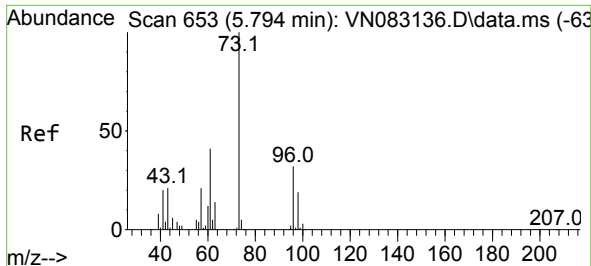
Tgt Ion: 73 Resp: 383975
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9



#20
Methylene Chloride
Concen: 45.685 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

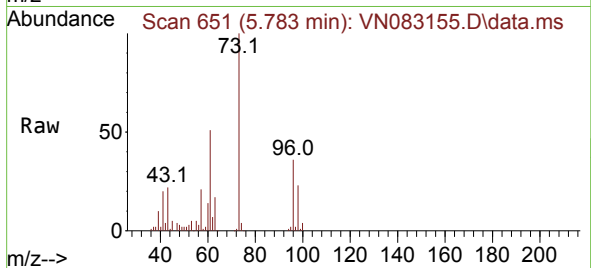
Tgt Ion: 84 Resp: 112494
Ion Ratio Lower Upper
84 100
49 123.1 119.6 179.4
51 39.7 34.8 52.2
86 63.3 52.9 79.3



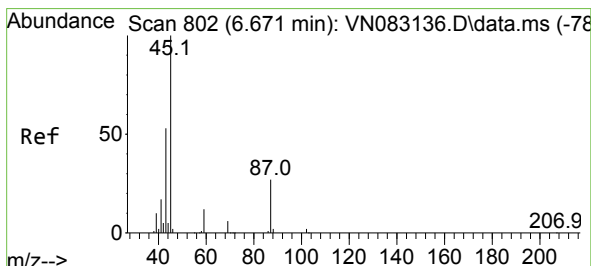
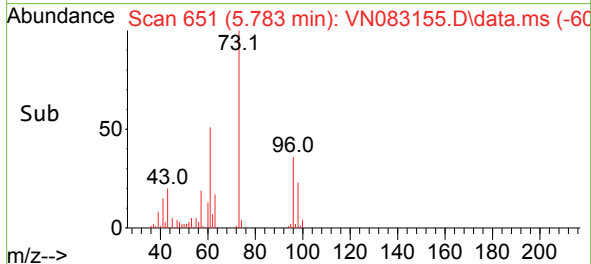
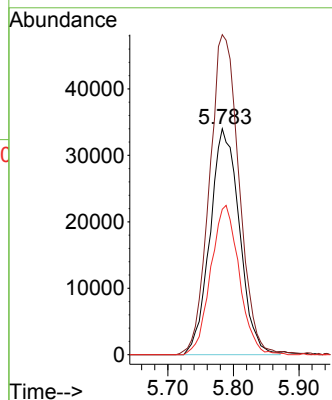


#21
trans-1,2-Dichloroethene
Concen: 48.159 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

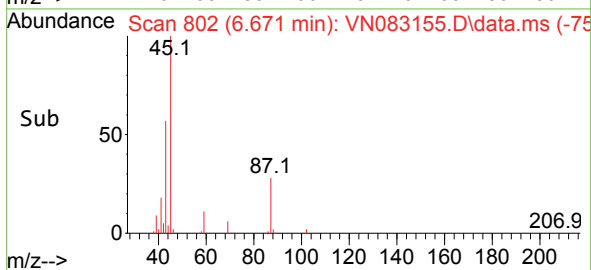
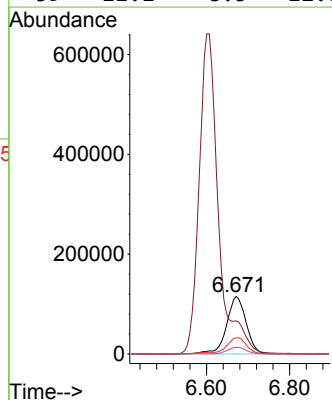
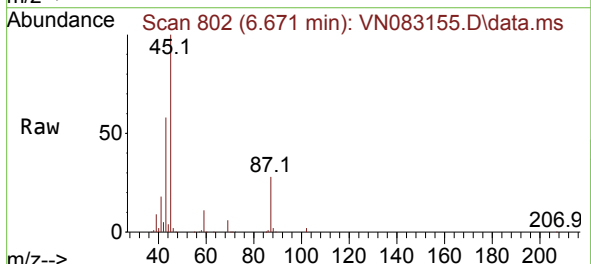


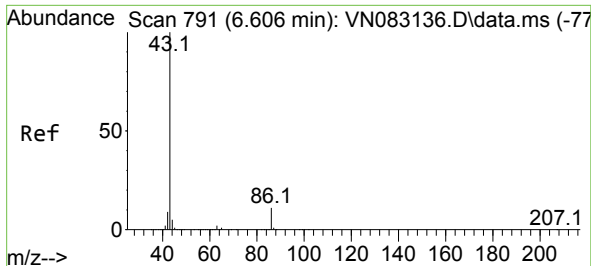
Tgt Ion: 96 Resp: 105993
Ion Ratio Lower Upper
96 100
61 141.0 123.4 185.2
98 64.4 49.3 73.9



#22
Diisopropyl ether
Concen: 49.771 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

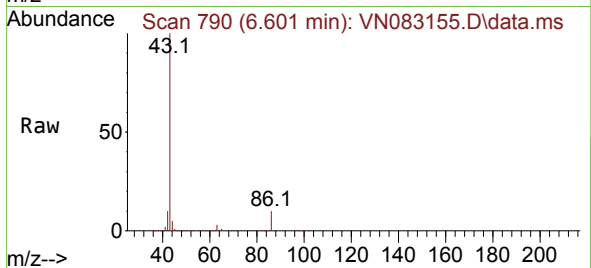
Tgt Ion: 45 Resp: 376481
Ion Ratio Lower Upper
45 100
43 56.7 44.0 66.0
87 27.7 19.7 29.5
59 11.1 8.5 12.7





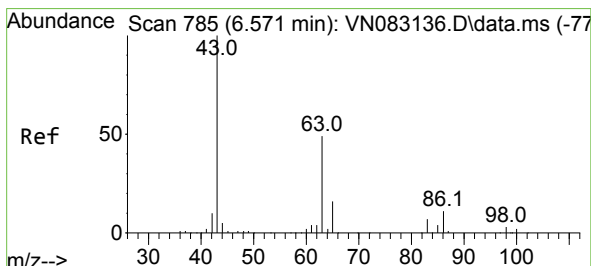
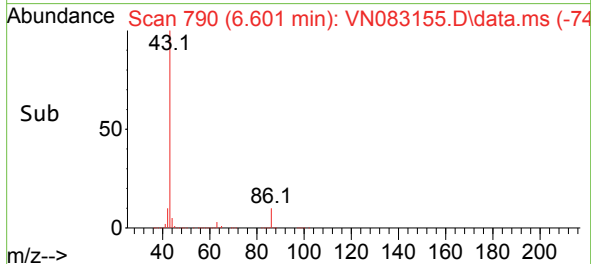
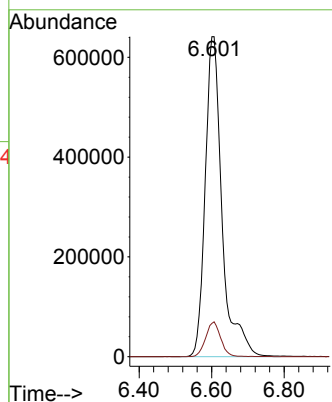
#23
 Vinyl Acetate
 Concen: 266.729 ug/l
 RT: 6.601 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 43 Resp: 2068006

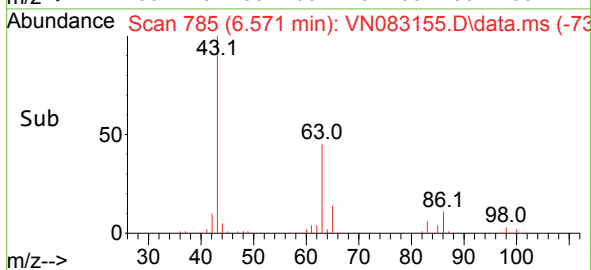
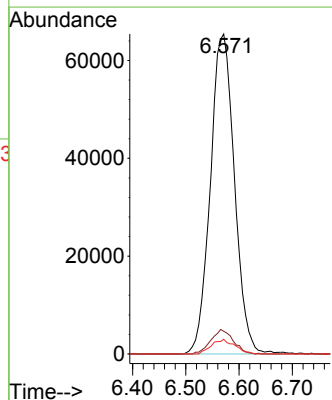
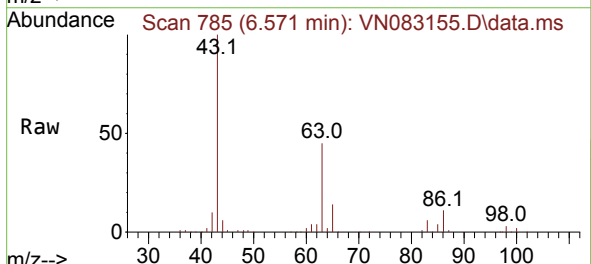
Ion	Ratio	Lower	Upper
43	100		
86	10.4	7.3	10.9

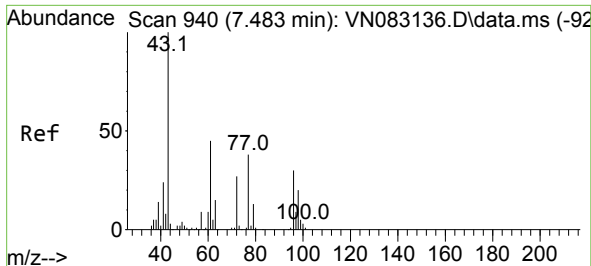


#24
 1,1-Dichloroethane
 Concen: 49.956 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

Tgt Ion: 63 Resp: 205970

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.3	9.9
100	4.6	2.0	6.0

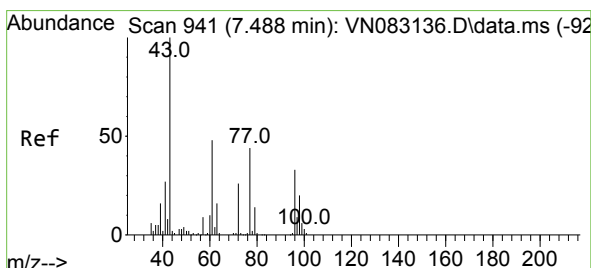
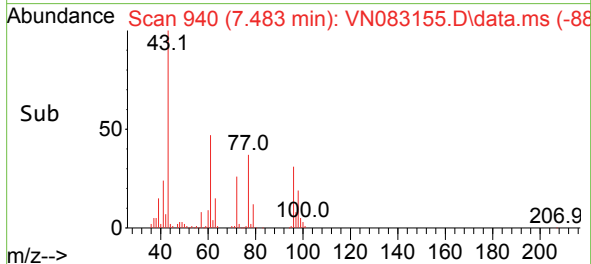
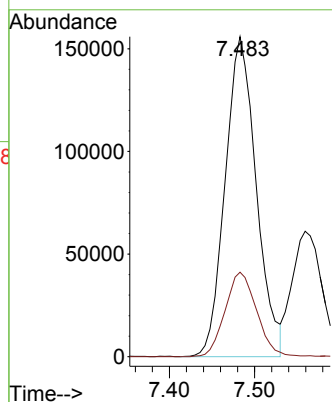
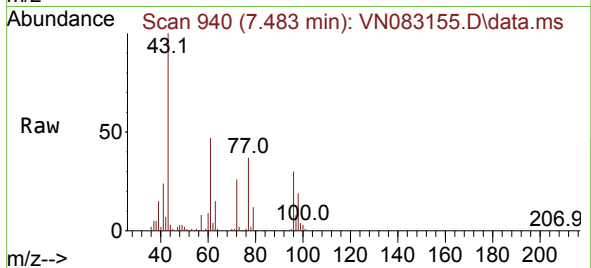




#25
2-Butanone
Concen: 241.087 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

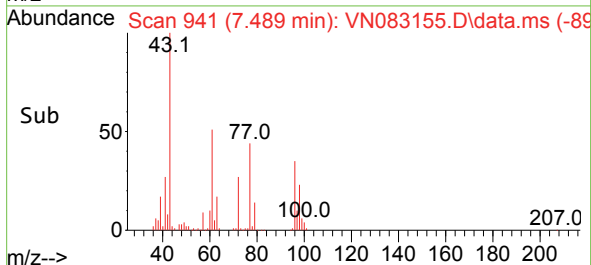
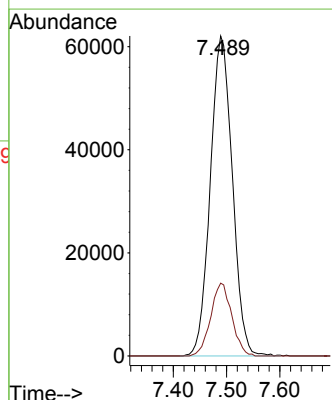
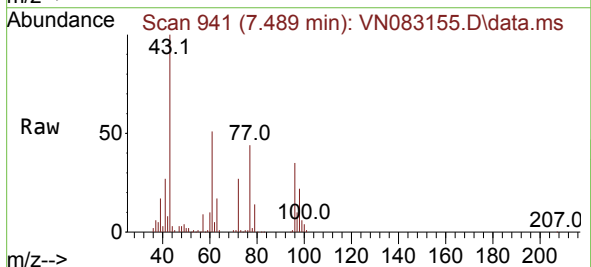
Instrument :
MSVOA_N
ClientSampleId :

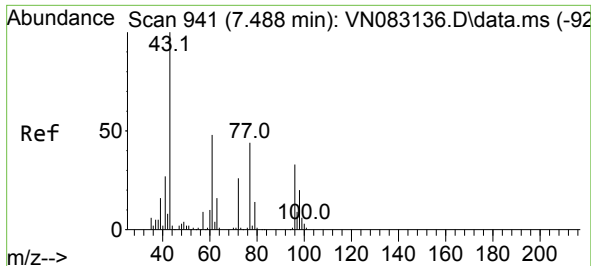
Tgt Ion: 43 Resp: 396066
Ion Ratio Lower Upper
43 100
72 26.4 18.2 27.2



#26
2,2-Dichloropropane
Concen: 46.623 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

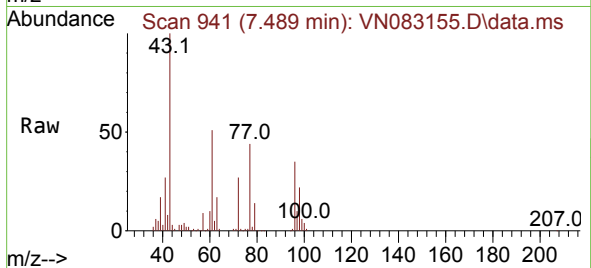
Tgt Ion: 77 Resp: 178519
Ion Ratio Lower Upper
77 100
97 21.7 10.3 30.9



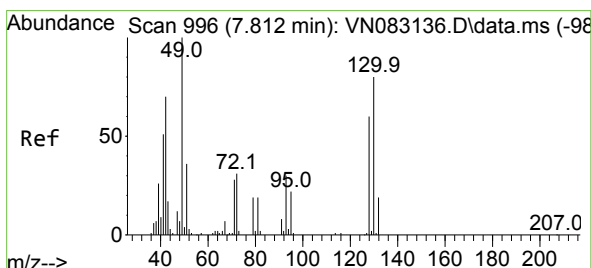
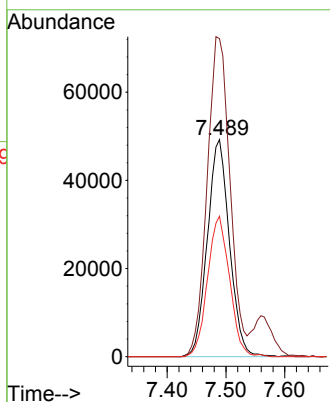
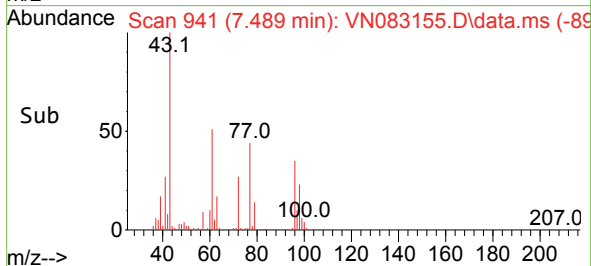


#27
 cis-1,2-Dichloroethene
 Concen: 48.440 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

Instrument :
 MSVOA_N
 ClientSampleId :

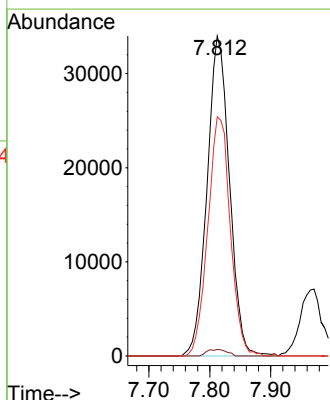
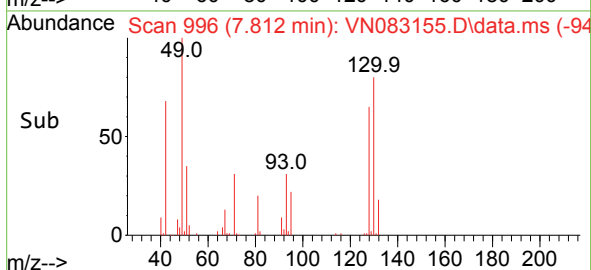
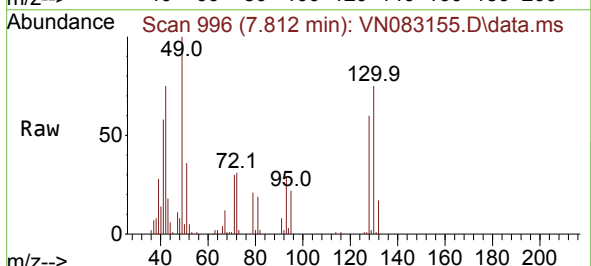


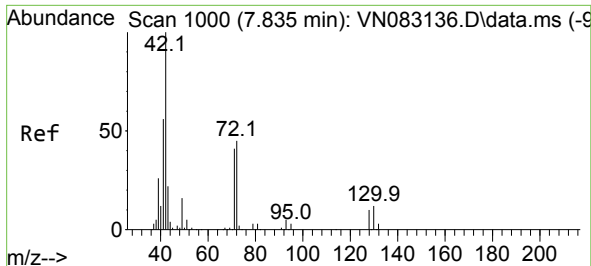
Tgt Ion: 96 Resp: 128648
 Ion Ratio Lower Upper
 96 100
 61 152.4 0.0 329.6
 98 64.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 51.595 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

Tgt Ion: 49 Resp: 86935
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 74.8 50.5 75.7





#29

Tetrahydrofuran

Concen: 247.243 ug/l

RT: 7.842 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

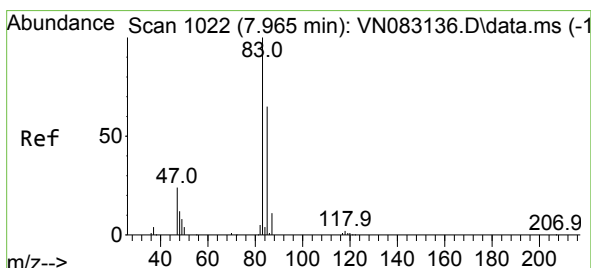
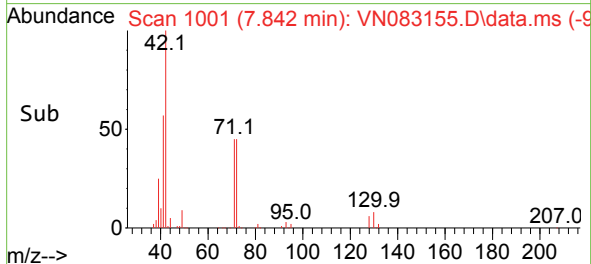
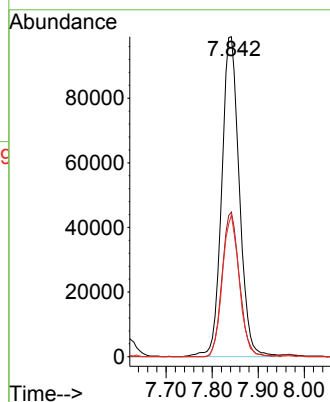
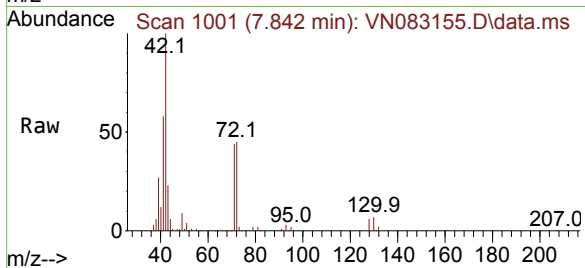
Tgt Ion: 42 Resp: 262568

Ion Ratio Lower Upper

42 100

72 44.4 30.0 45.0

71 42.4 28.3 42.5



#30

Chloroform

Concen: 50.749 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083155.D

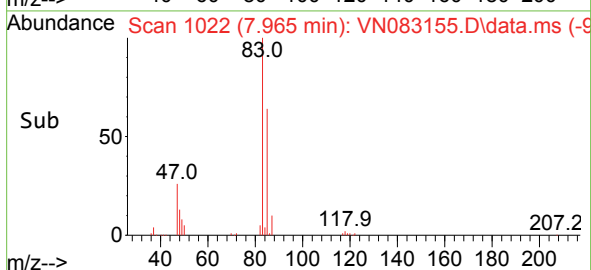
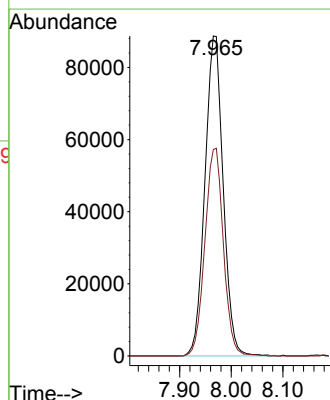
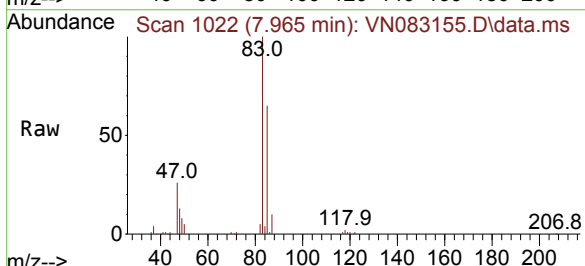
Acq: 08 Aug 2024 14:58

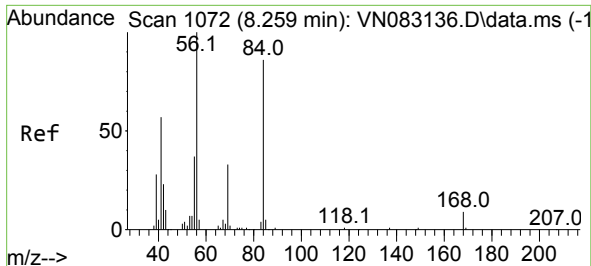
Tgt Ion: 83 Resp: 217383

Ion Ratio Lower Upper

83 100

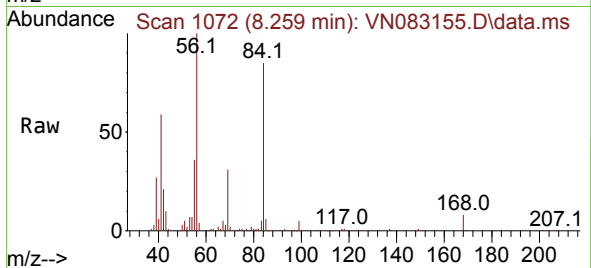
85 64.5 50.9 76.3



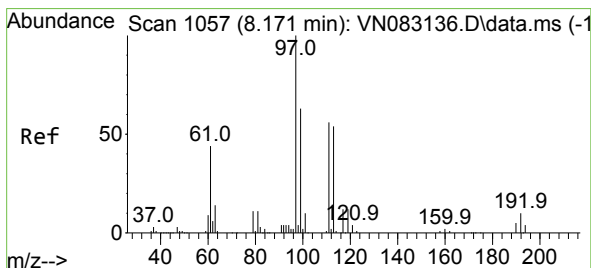
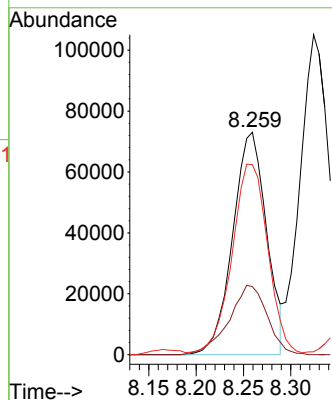
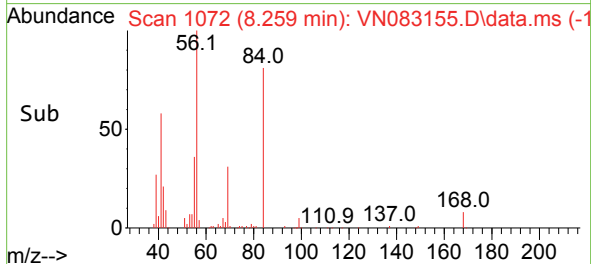


#31
Cyclohexane
Concen: 44.857 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

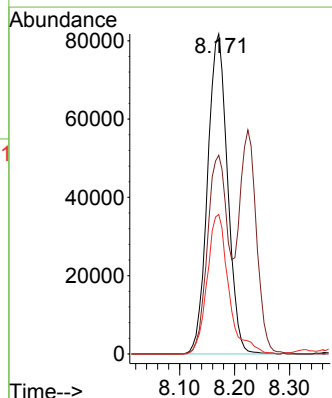
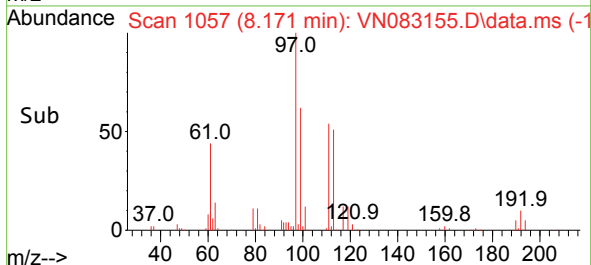
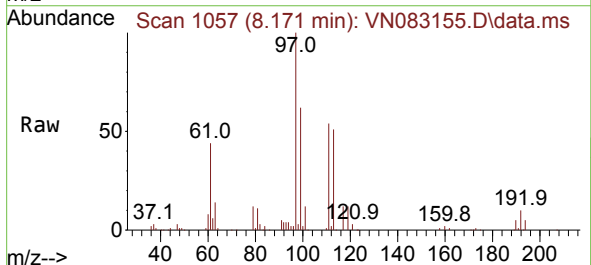


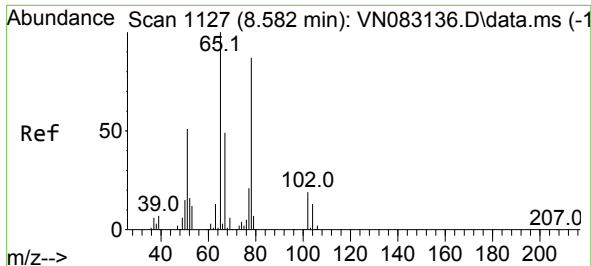
Tgt Ion: 56 Resp: 181763
Ion Ratio Lower Upper
56 100
69 30.6 24.5 36.7
84 83.7 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 50.882 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion: 97 Resp: 206301
Ion Ratio Lower Upper
97 100
99 62.5 52.0 78.0
61 47.1 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 52.978 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

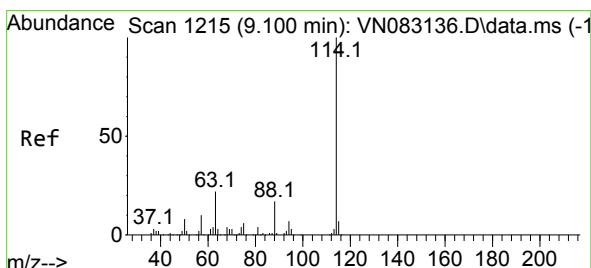
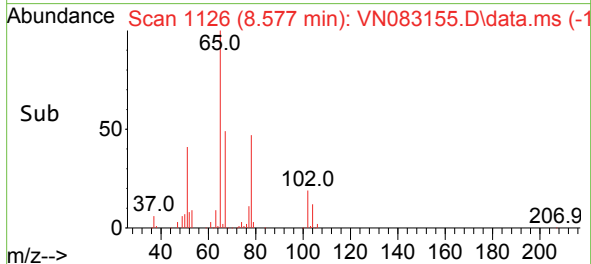
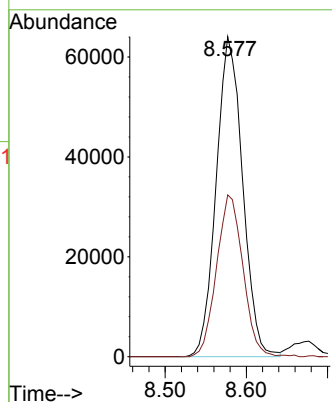
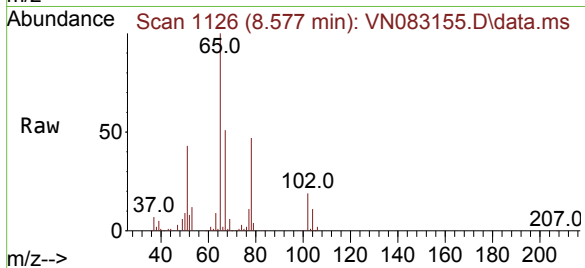
ClientSampleId :

Tgt Ion: 65 Resp: 144859

Ion Ratio Lower Upper

65 100

67 50.4 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: VN083155.D

Acq: 08 Aug 2024 14:58

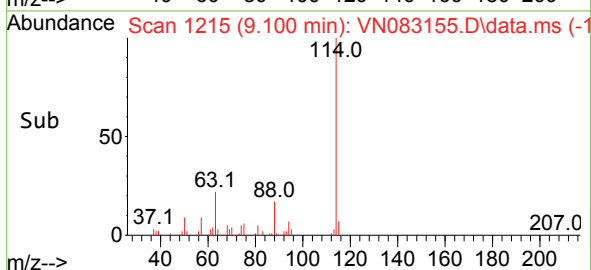
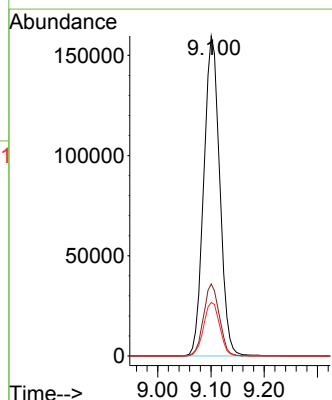
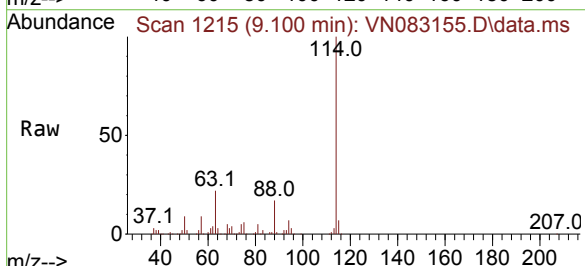
Tgt Ion: 114 Resp: 331586

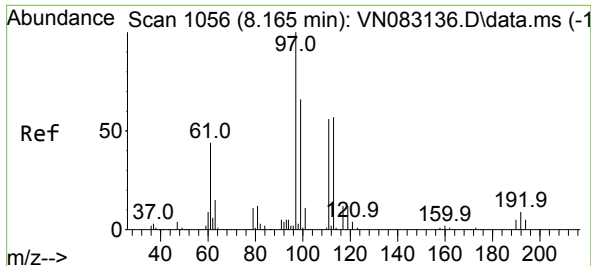
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

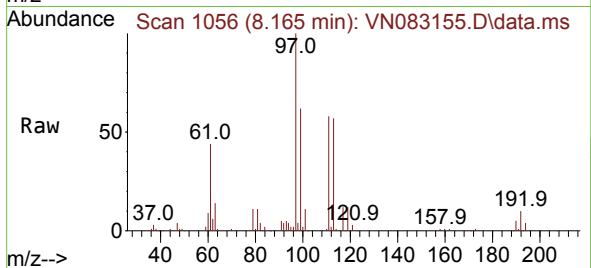
88 16.7 0.0 31.4



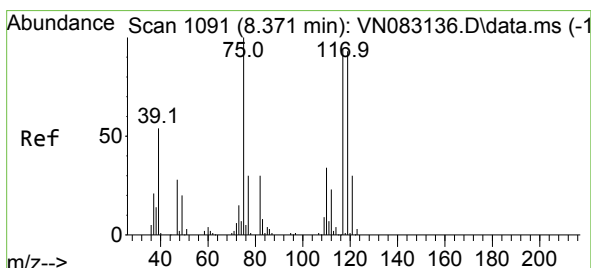
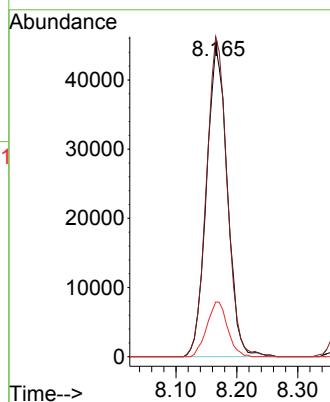
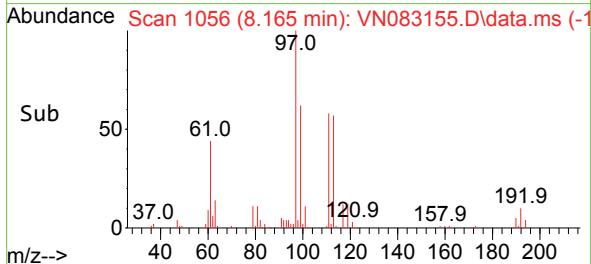


#35
Dibromofluoromethane
Concen: 51.742 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

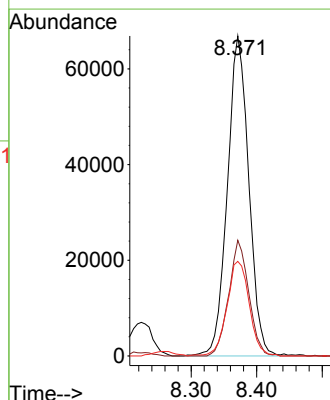
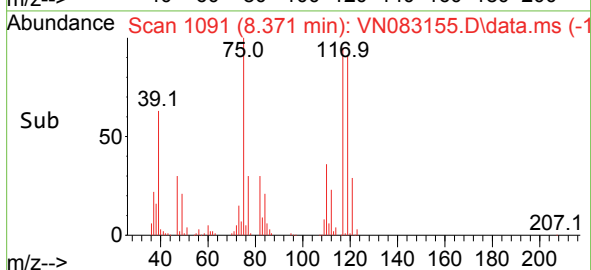
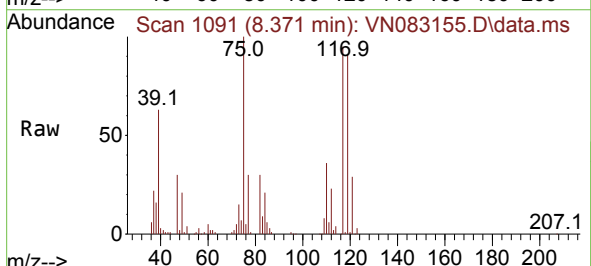


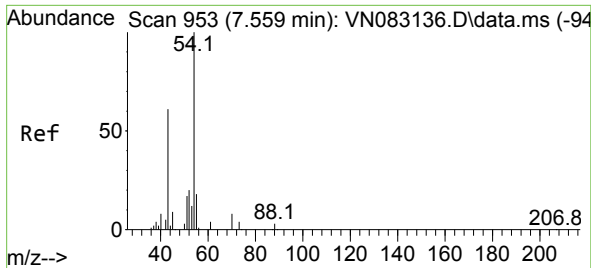
Tgt Ion:113 Resp: 107089
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 17.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 48.440 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

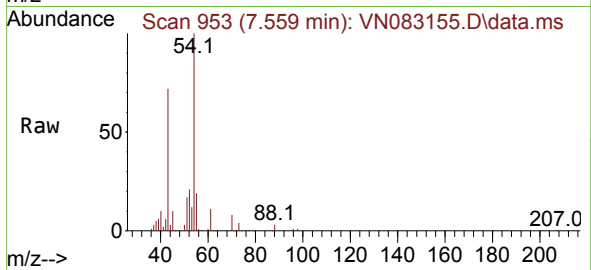
Tgt Ion: 75 Resp: 151659
Ion Ratio Lower Upper
75 100
110 34.0 16.3 48.9
77 30.8 24.6 37.0



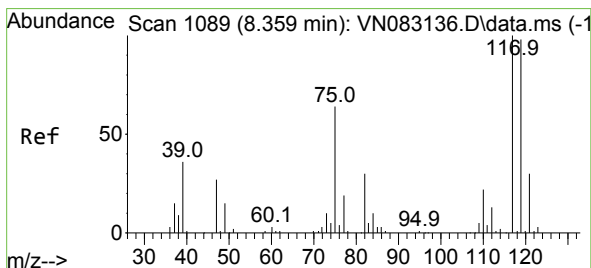
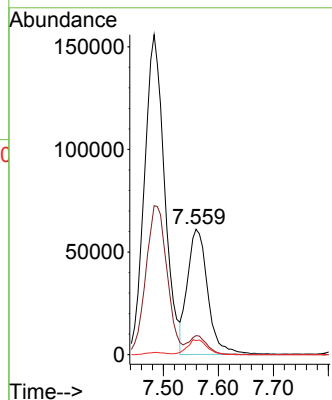
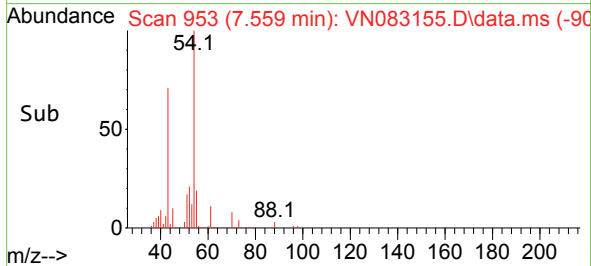


#37
Ethyl Acetate
Concen: 44.423 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

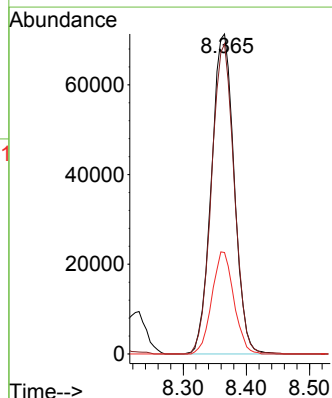
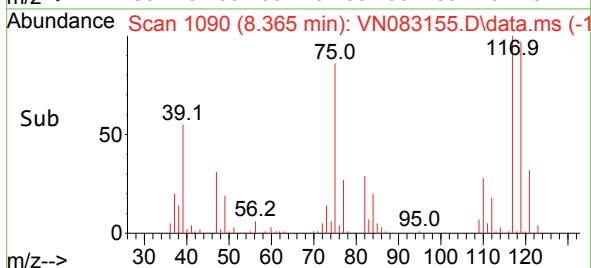
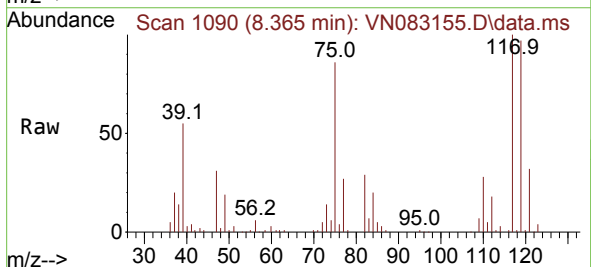


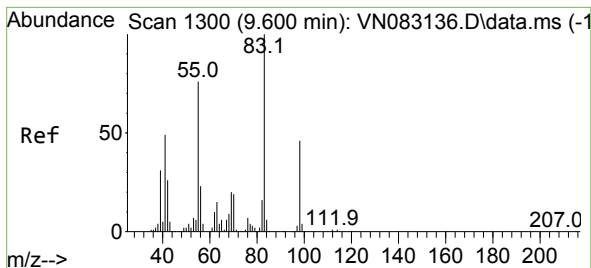
Tgt Ion: 43 Resp: 155725
Ion Ratio Lower Upper
43 100
61 14.0 9.3 13.9#
70 11.7 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 50.586 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion: 117 Resp: 178385
Ion Ratio Lower Upper
117 100
119 96.9 74.9 112.3
121 31.7 24.3 36.5





#39

Methylcyclohexane

Concen: 47.411 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

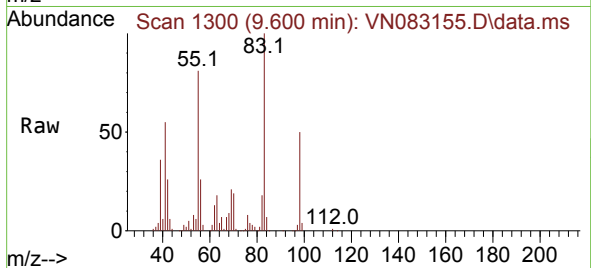
Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :



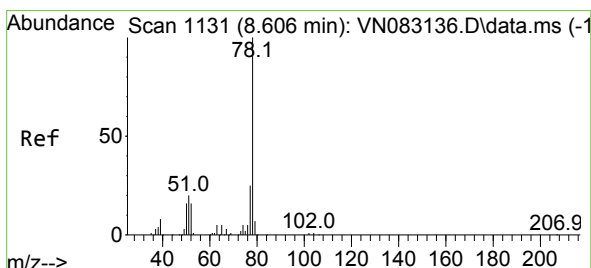
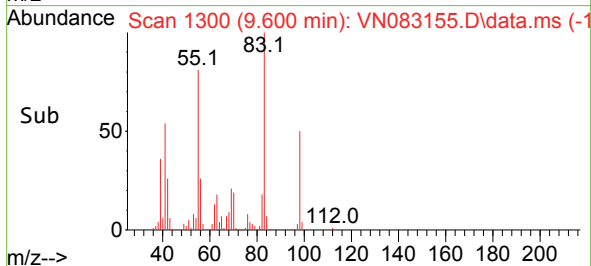
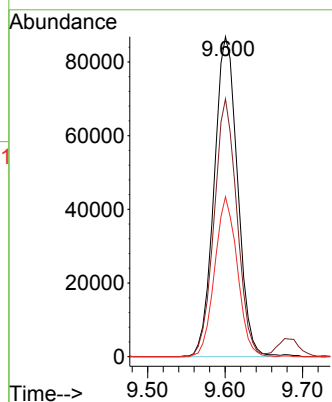
Tgt Ion: 83 Resp: 182320

Ion Ratio Lower Upper

83 100

55 80.5 66.4 99.6

98 50.0 40.7 61.1



#40

Benzene

Concen: 50.267 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083155.D

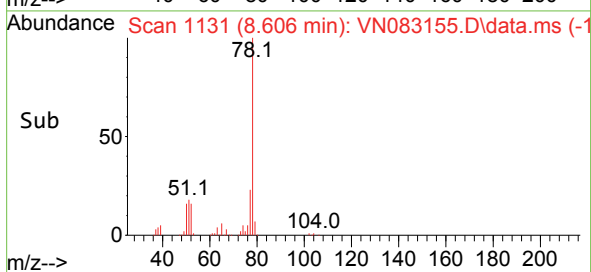
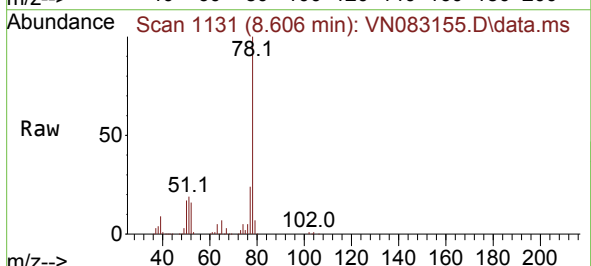
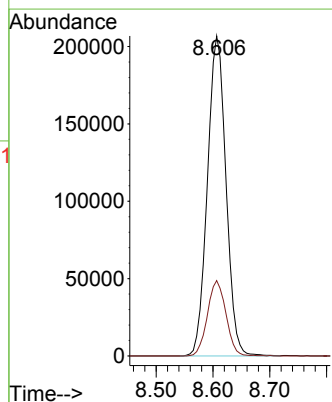
Acq: 08 Aug 2024 14:58

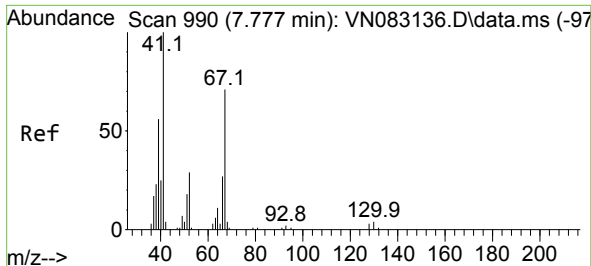
Tgt Ion: 78 Resp: 468834

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4

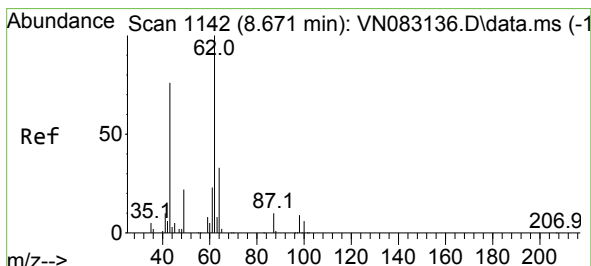
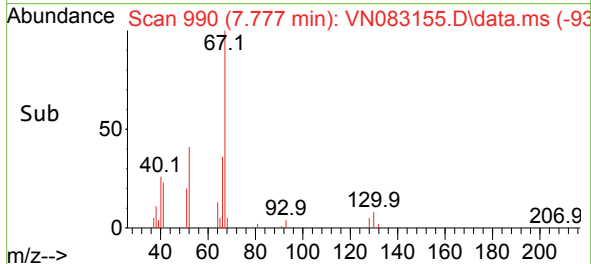
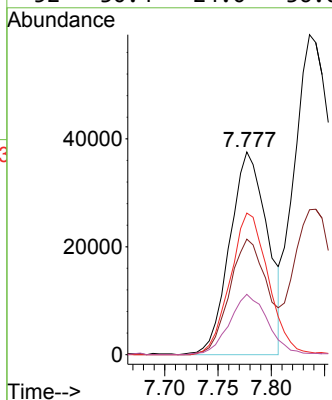
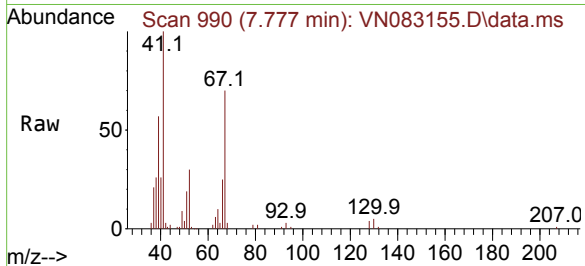




#41
Methacrylonitrile
Concen: 46.589 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

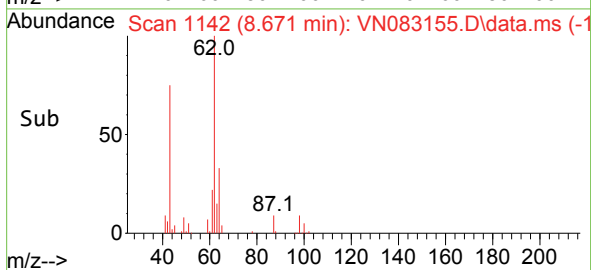
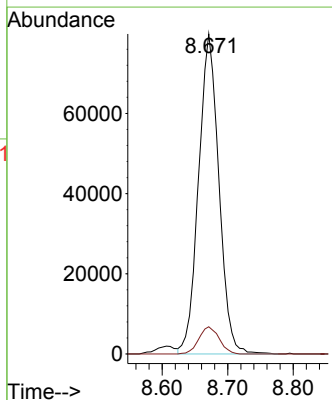
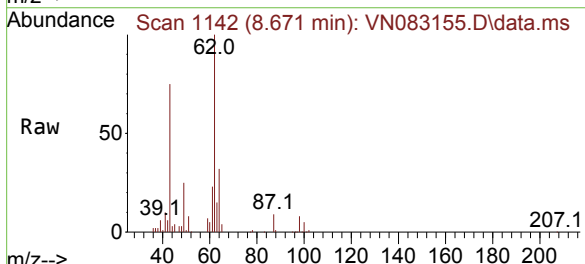
Instrument :
MSVOA_N
ClientSampleId :

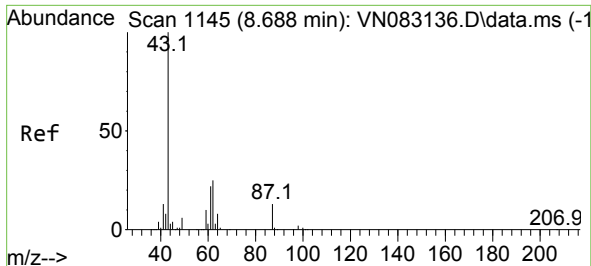
Tgt Ion: 41	Resp: 92861
Ion Ratio	Lower Upper
41 100	
39 56.7	45.5 68.3
67 70.6	50.5 75.7
52 30.4	24.0 36.0



#42
1,2-Dichloroethane
Concen: 50.699 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion: 62	Resp: 172255
Ion Ratio	Lower Upper
62 100	
98 8.5	0.0 15.8

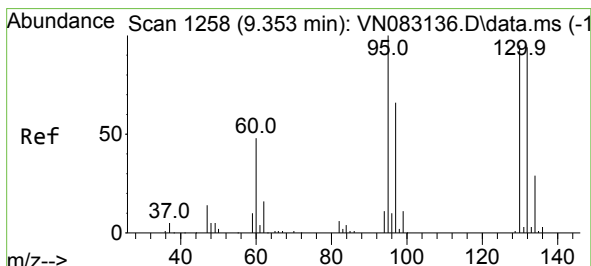
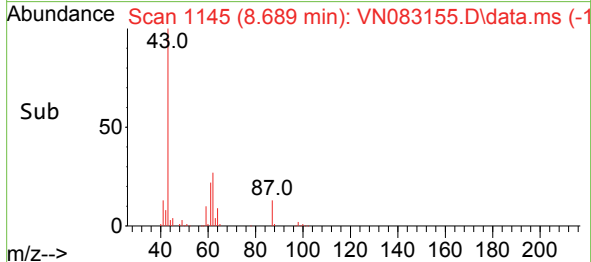
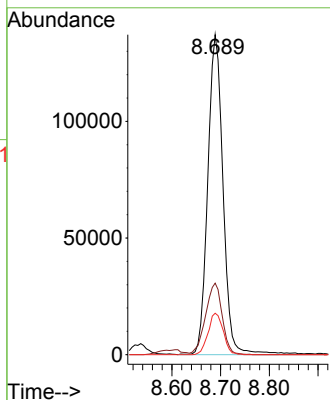
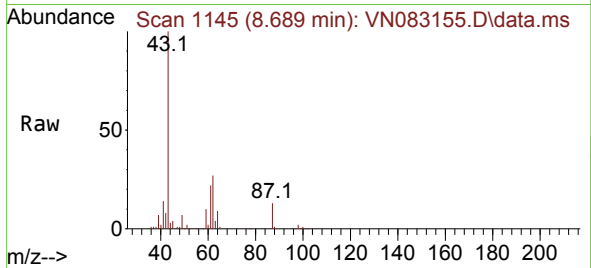




#43
Isopropyl Acetate
Concen: 48.838 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.001 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

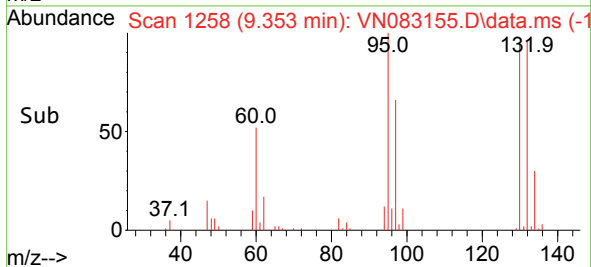
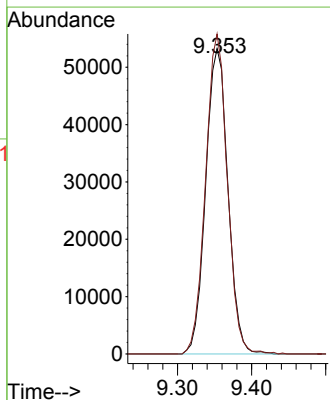
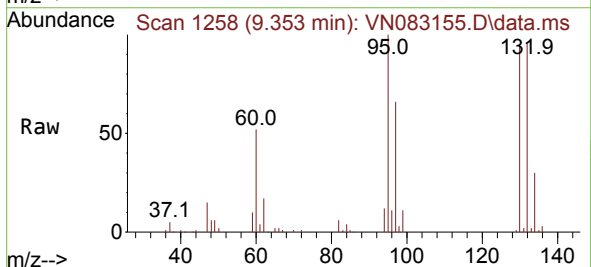
Instrument :
MSVOA_N
ClientSampleId :

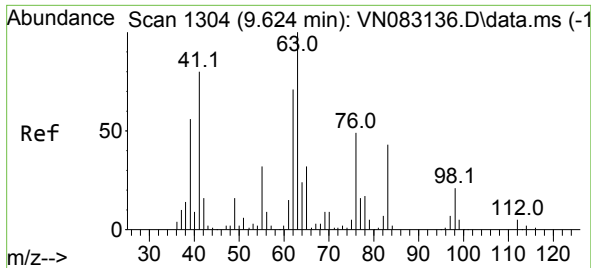
Tgt Ion: 43 Resp: 297397
Ion Ratio Lower Upper
43 100
61 24.4 17.8 26.6
87 12.8 8.2 12.2#



#44
Trichloroethene
Concen: 49.975 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion:130 Resp: 110945
Ion Ratio Lower Upper
130 100
95 104.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 51.586 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

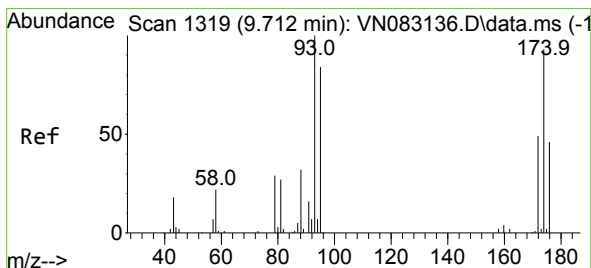
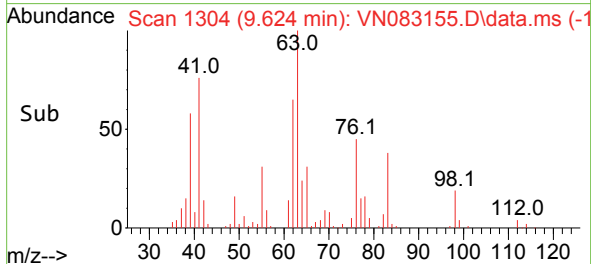
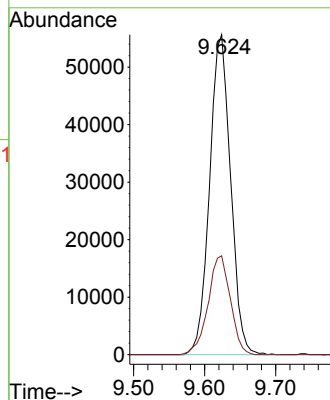
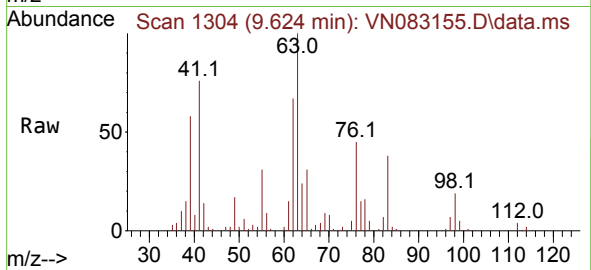
ClientSampleId :

Tgt Ion: 63 Resp: 114209

Ion Ratio Lower Upper

63 100

65 30.9 24.4 36.6



#46

Dibromomethane

Concen: 51.571 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

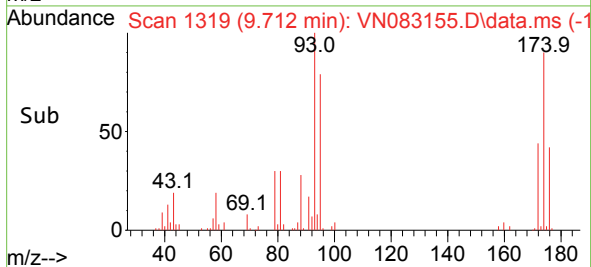
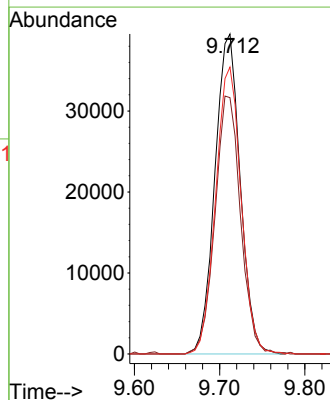
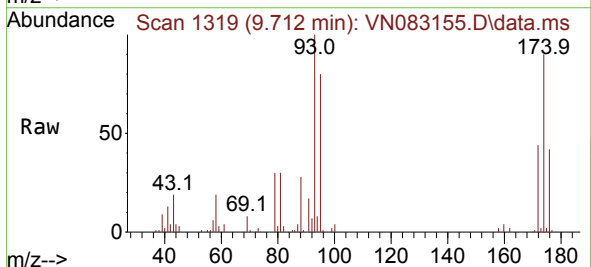
Tgt Ion: 93 Resp: 81724

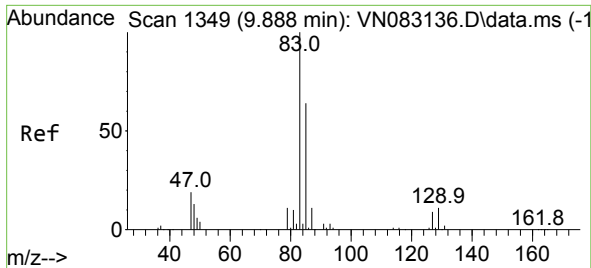
Ion Ratio Lower Upper

93 100

95 81.4 65.8 98.6

174 90.2 71.7 107.5

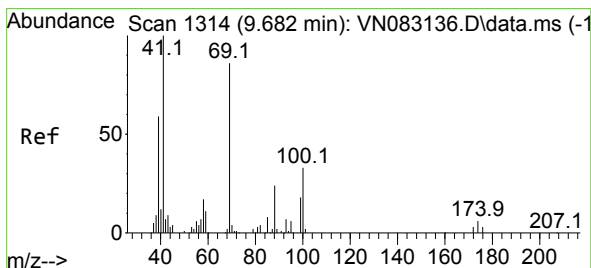
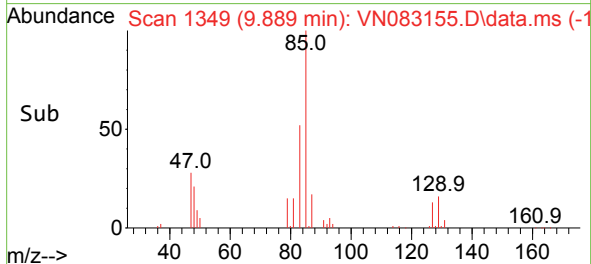
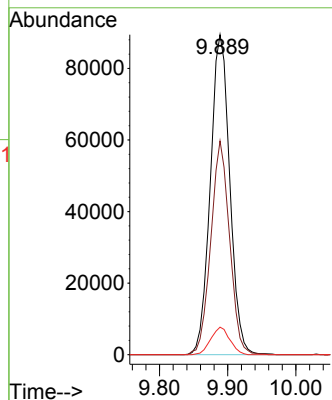
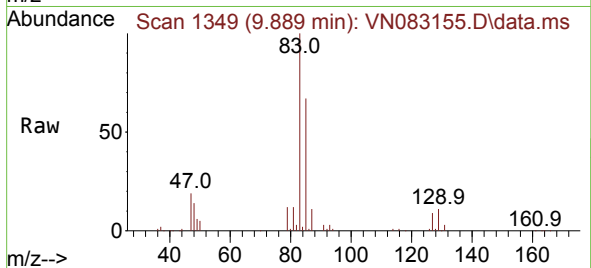




#47
Bromodichloromethane
Concen: 49.883 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

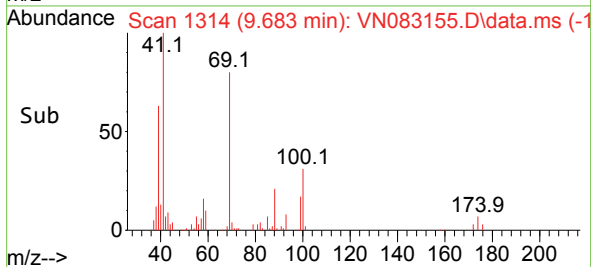
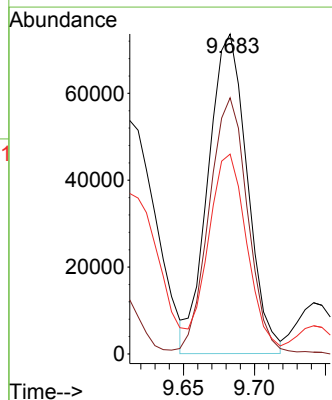
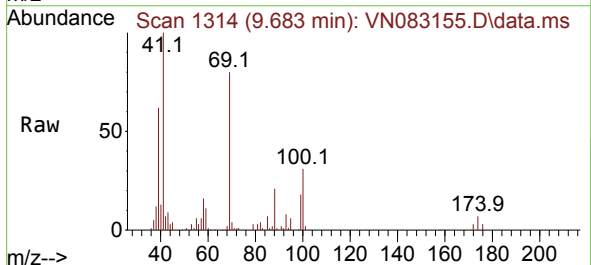
Instrument :
MSVOA_N
ClientSampleId :

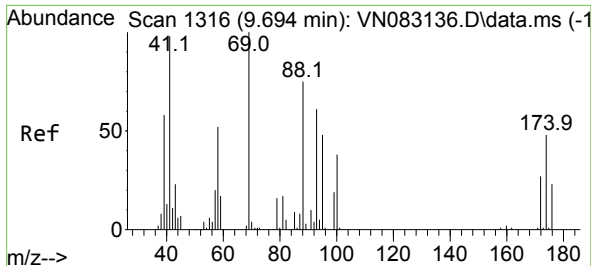
Tgt Ion: 83 Resp: 177493
Ion Ratio Lower Upper
83 100
85 66.8 51.1 76.7
127 8.6 7.2 10.8



#48
Methyl methacrylate
Concen: 48.626 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion: 41 Resp: 140927
Ion Ratio Lower Upper
41 100
69 79.8 56.3 84.5
39 61.8 50.3 75.5





#49

1,4-Dioxane

Concen: 958.363 ug/l

RT: 9.695 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

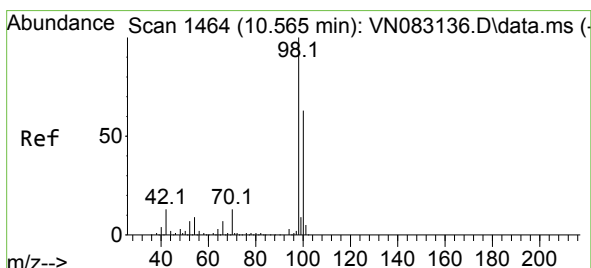
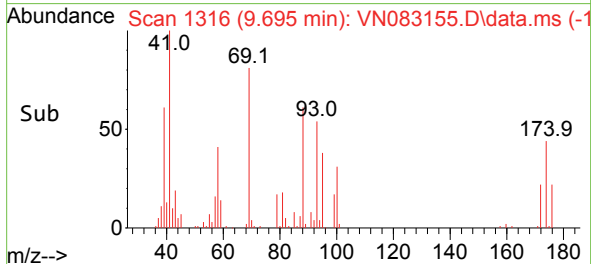
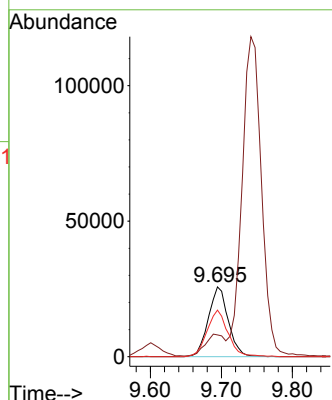
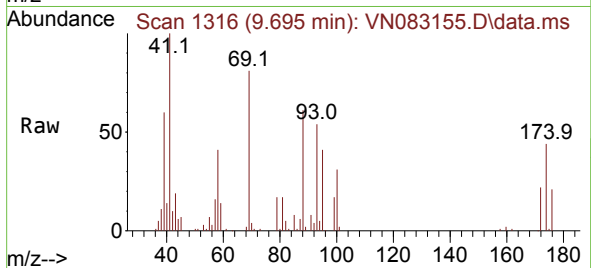
Tgt Ion: 88 Resp: 50109

Ion Ratio Lower Upper

88 100

43 30.7 27.8 41.8

58 70.5 59.4 89.0



#50

Toluene-d8

Concen: 52.420 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083155.D

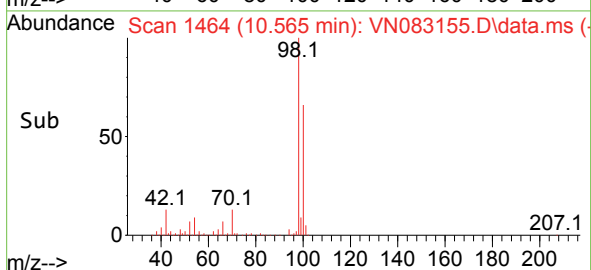
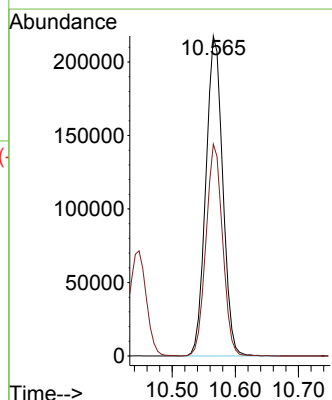
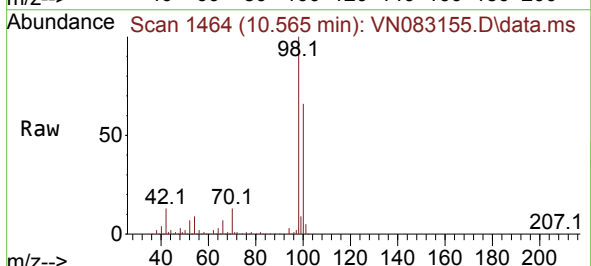
Acq: 08 Aug 2024 14:58

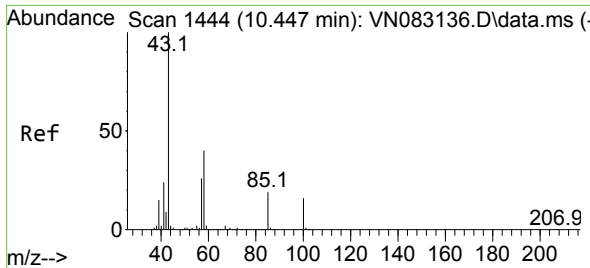
Tgt Ion: 98 Resp: 404706

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3

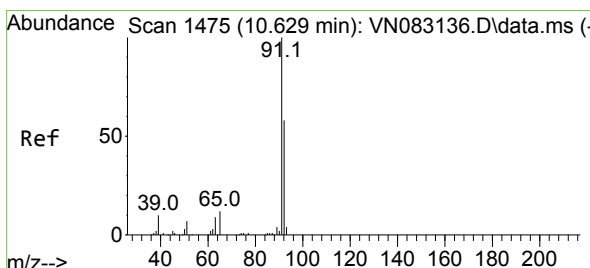
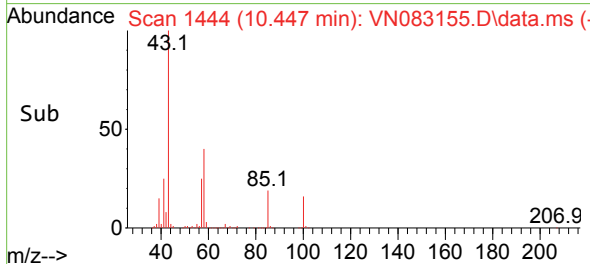
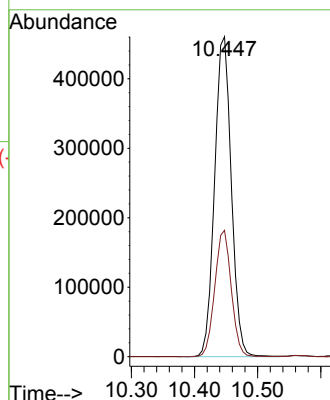
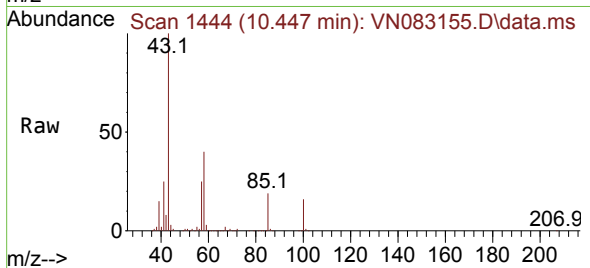




#51
4-Methyl-2-Pentanone
Concen: 255.519 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

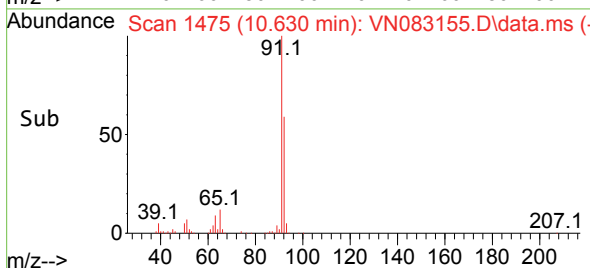
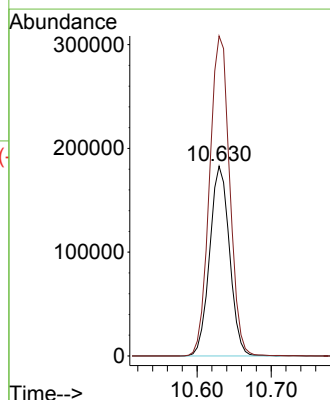
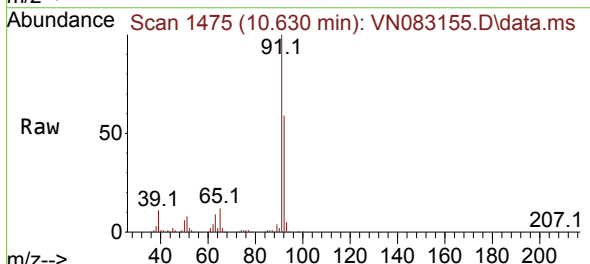
Instrument :
MSVOA_N
ClientSampleId :

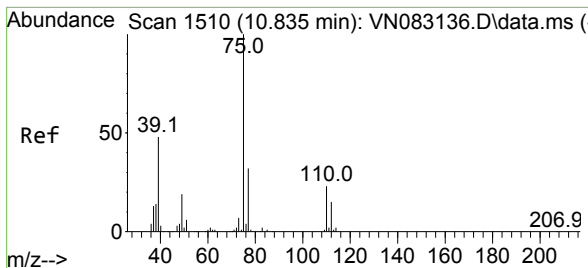
Tgt Ion: 43 Resp: 847032
Ion Ratio Lower Upper
43 100
58 38.9 28.2 42.4



#52
Toluene
Concen: 57.610 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion: 92 Resp: 339504
Ion Ratio Lower Upper
92 100
91 171.3 139.4 209.0

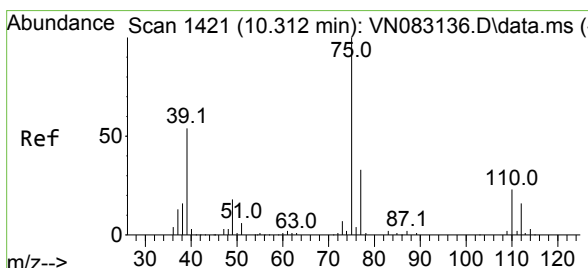
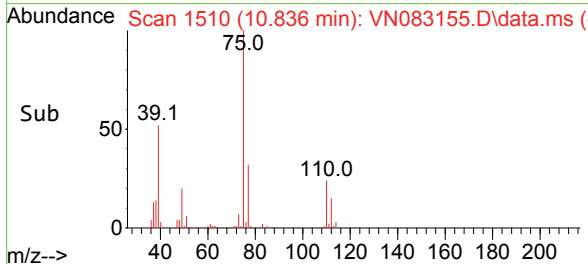
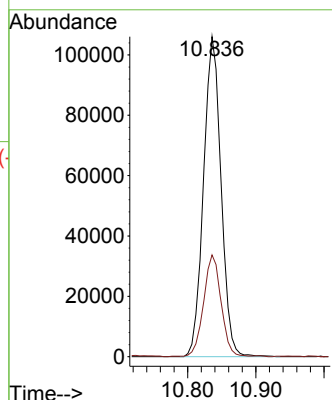
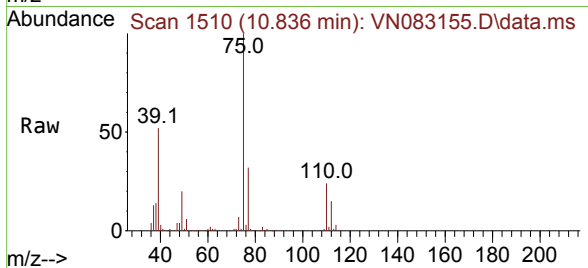




#53
 t-1,3-Dichloropropene
 Concen: 51.788 ug/l
 RT: 10.836 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

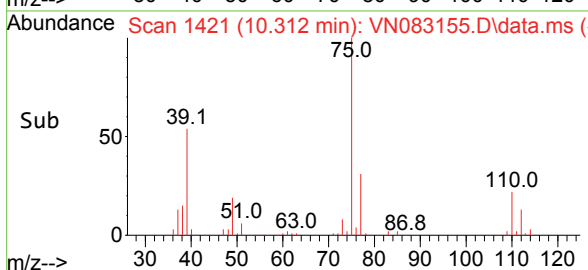
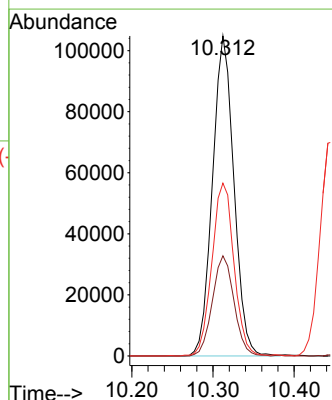
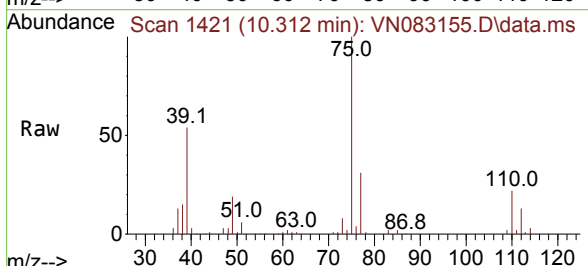
Instrument :
 MSVOA_N
 ClientSampleId :

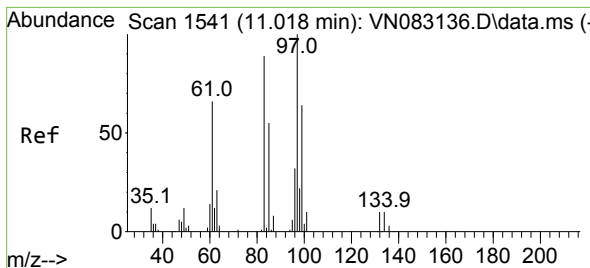
Tgt Ion: 75 Resp: 189285
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 49.422 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

Tgt Ion: 75 Resp: 192132
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.3 36.5
 39 54.0 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 51.895 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

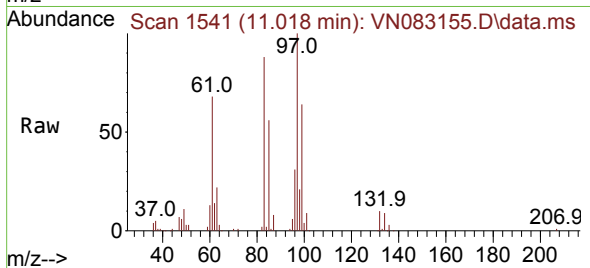
Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 109598

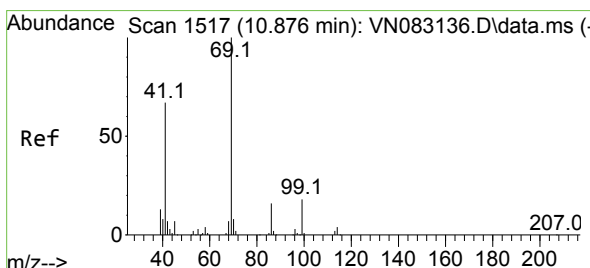
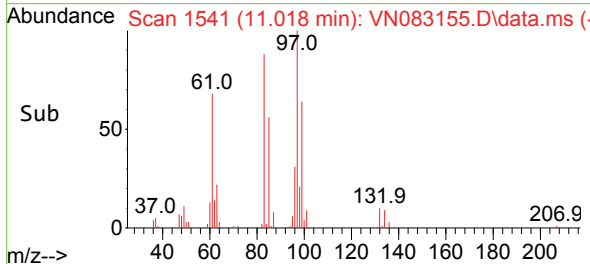
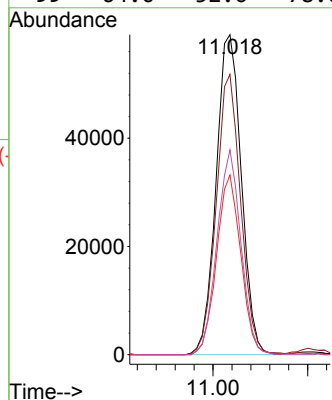
Ion Ratio Lower Upper

97 100

83 87.6 71.4 107.0

85 56.2 45.8 68.6

99 64.0 52.0 78.0



#56

Ethyl methacrylate

Concen: 50.547 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

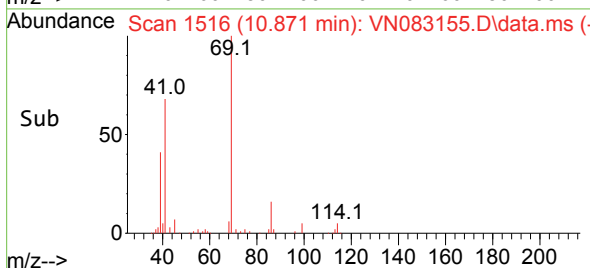
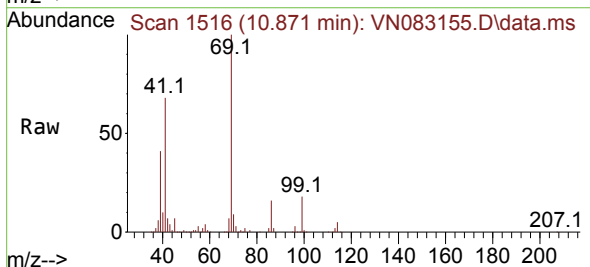
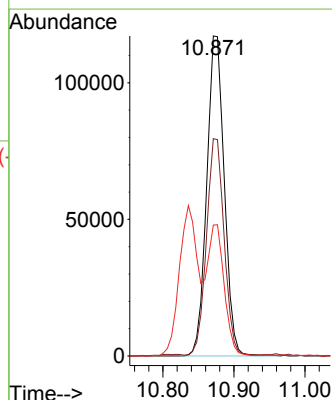
Tgt Ion: 69 Resp: 201245

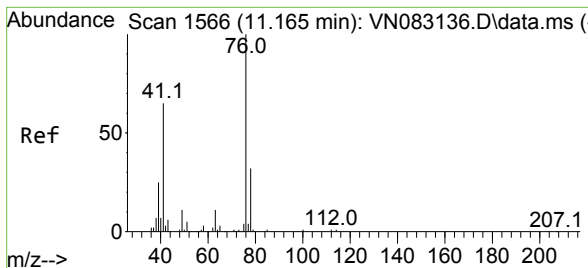
Ion Ratio Lower Upper

69 100

41 67.9 63.4 95.2

39 40.5 37.4 56.0





#57

1,3-Dichloropropane

Concen: 50.405 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

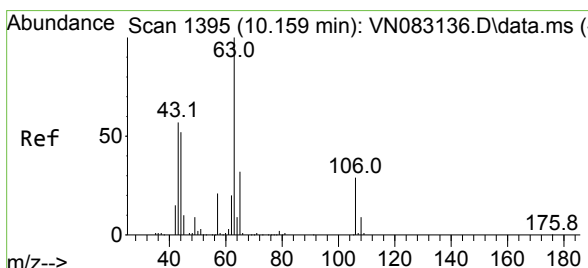
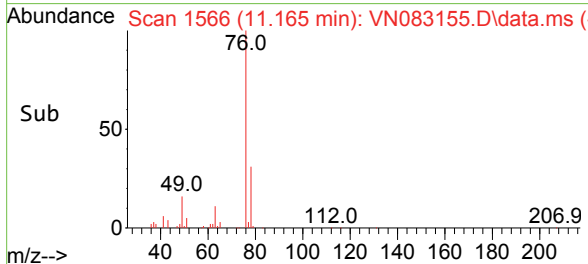
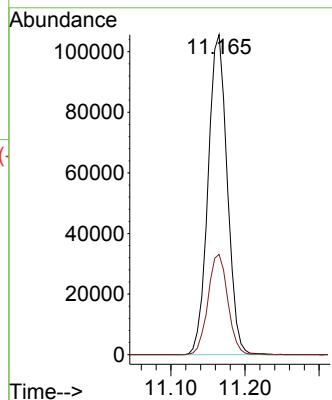
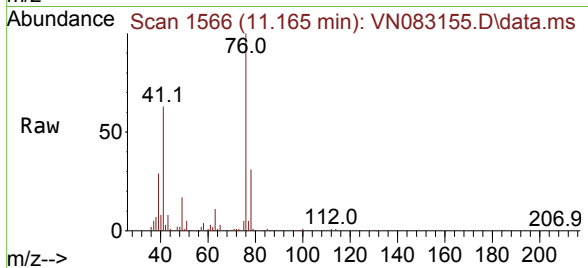
ClientSampleId :

Tgt Ion: 76 Resp: 189741

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 0.764 ug/l

RT: 10.206 min Scan# 1403

Delta R.T. 0.047 min

Lab File: VN083155.D

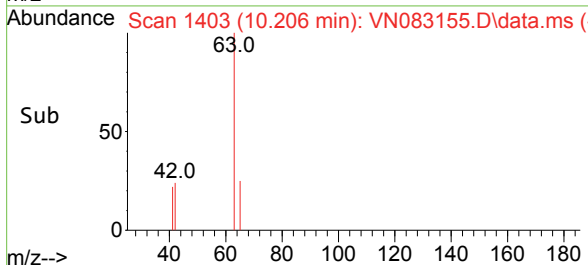
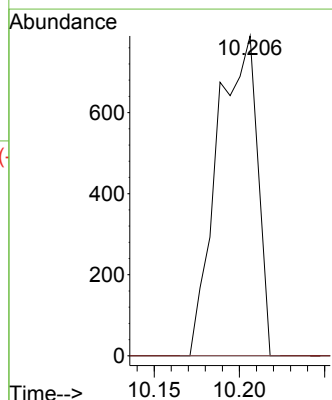
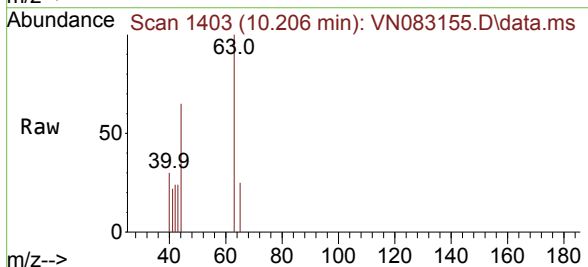
Acq: 08 Aug 2024 14:58

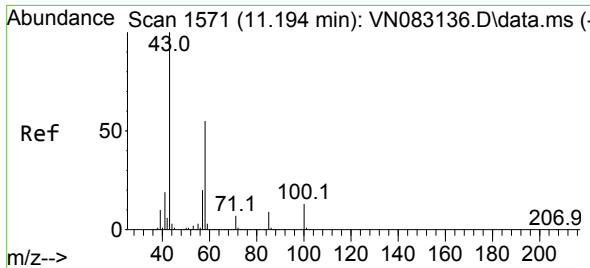
Tgt Ion: 63 Resp: 1286

Ion Ratio Lower Upper

63 100

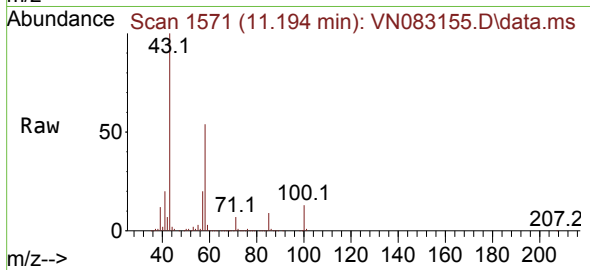
106 0.0 21.4 32.0#



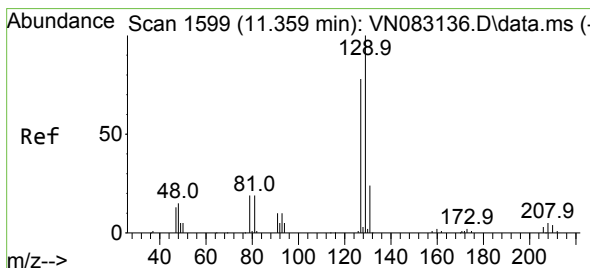
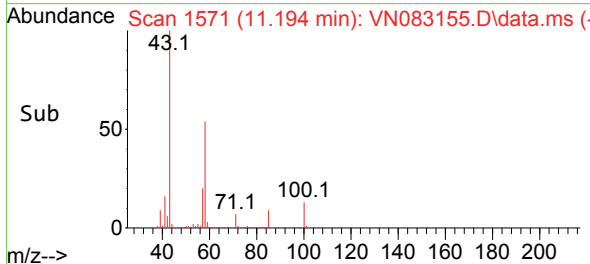
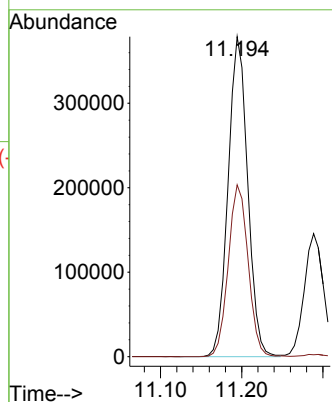


#59
2-Hexanone
Concen: 247.180 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

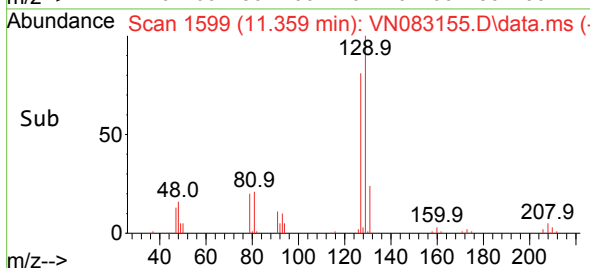
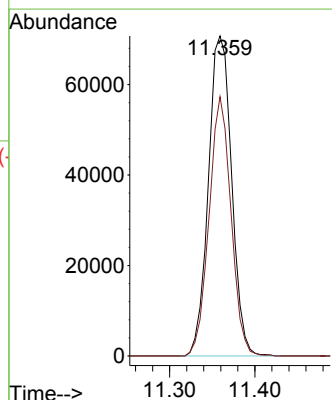
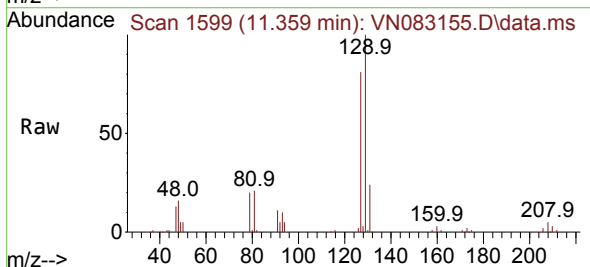


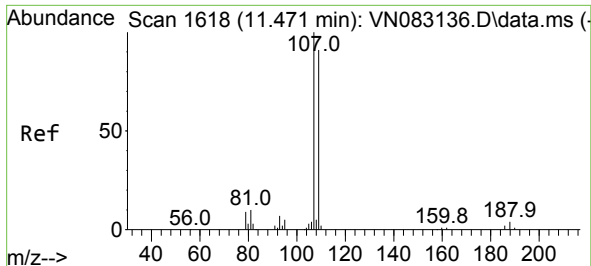
Tgt Ion: 43 Resp: 633913
Ion Ratio Lower Upper
43 100
58 54.5 24.6 73.8



#60
Dibromochloromethane
Concen: 52.551 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion: 129 Resp: 134182
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6

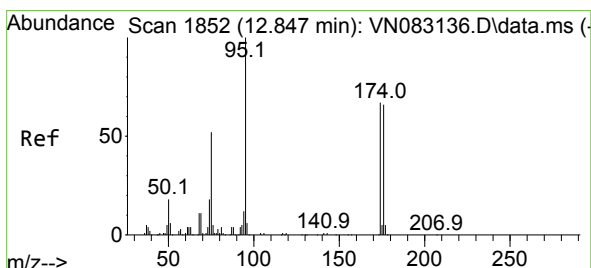
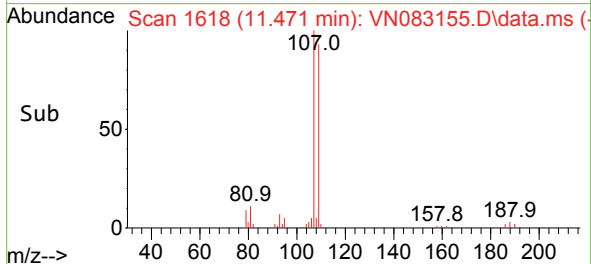
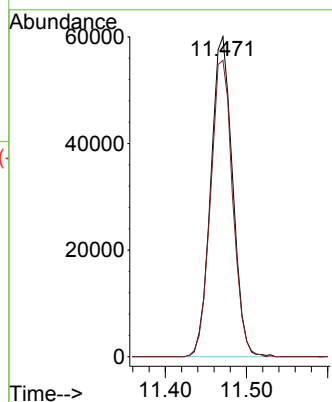
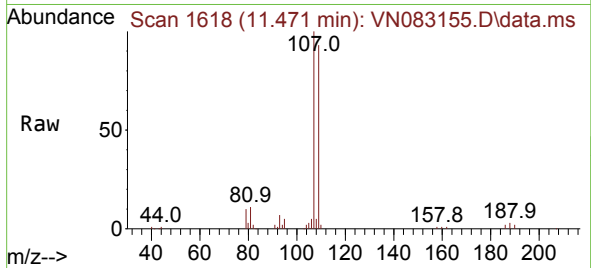




#61
1,2-Dibromoethane
Concen: 50.357 ug/l
RT: 11.471 min Scan# 111719
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

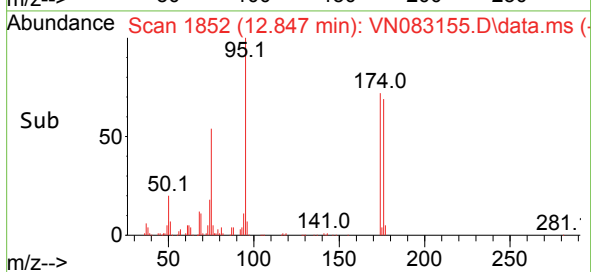
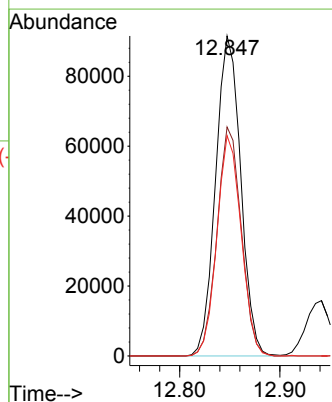
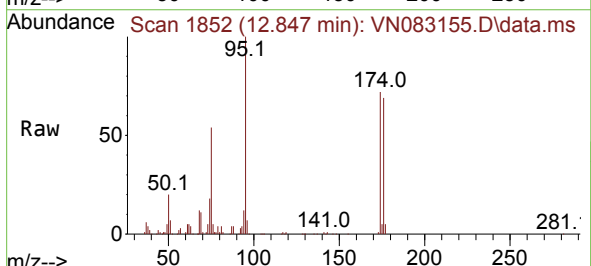
Instrument :
MSVOA_N
ClientSampleId :

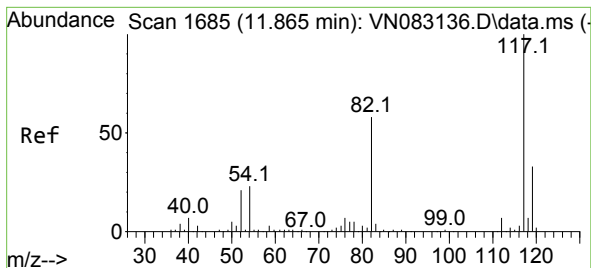
Tgt Ion:107 Resp: 111719
Ion Ratio Lower Upper
107 100
109 94.1 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 52.758 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion: 95 Resp: 158795
Ion Ratio Lower Upper
95 100
174 69.1 0.0 159.2
176 66.5 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: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

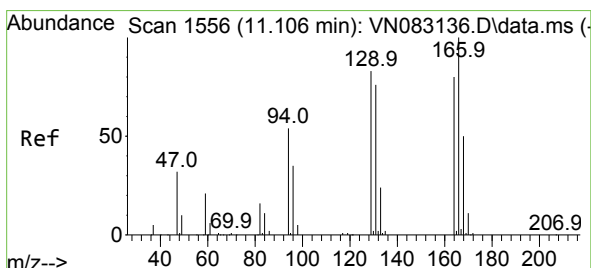
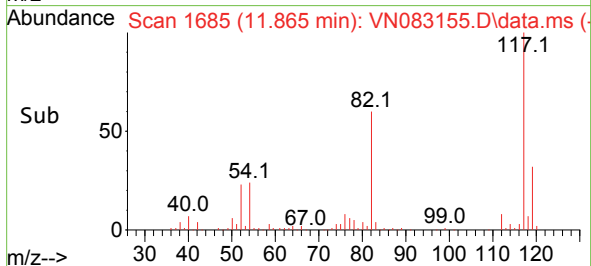
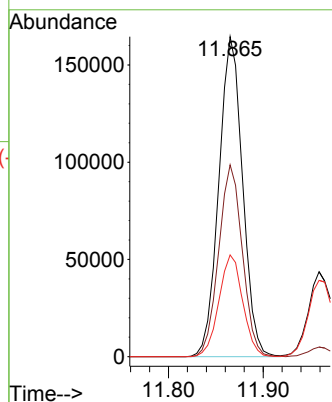
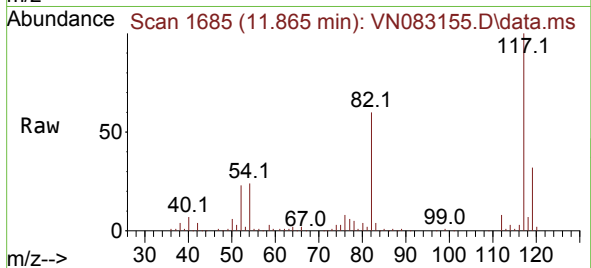
Tgt Ion:117 Resp: 287073

Ion Ratio Lower Upper

117 100

82 59.9 47.5 71.3

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 48.690 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Tgt Ion:164 Resp: 92571

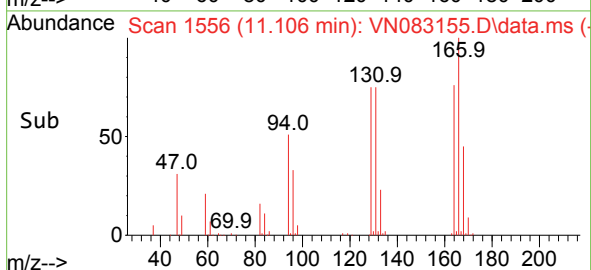
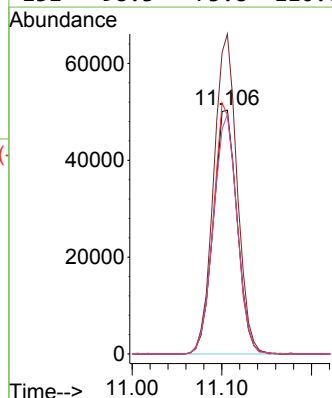
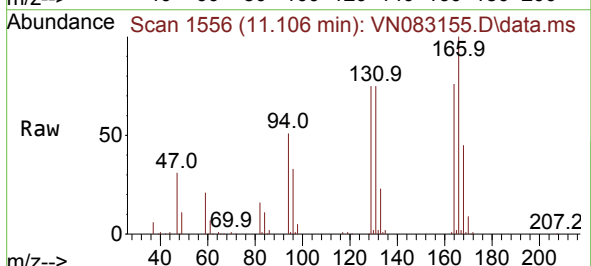
Ion Ratio Lower Upper

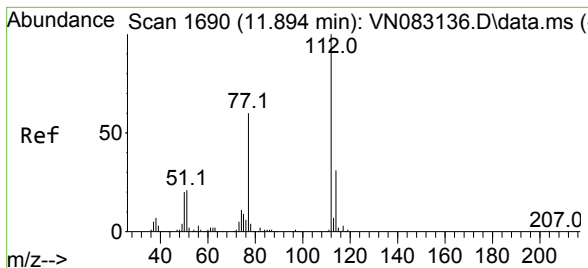
164 100

166 131.2 101.4 152.0

129 98.0 75.7 113.5

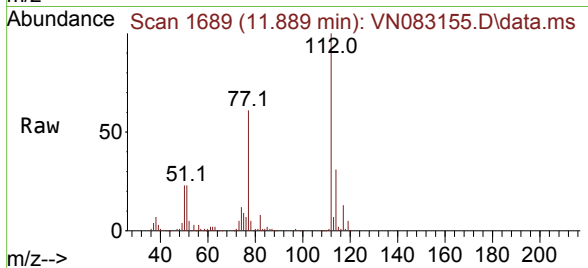
131 98.3 73.8 110.6



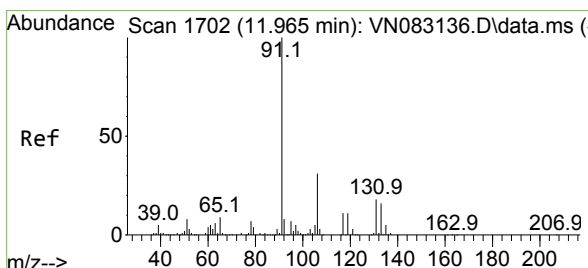
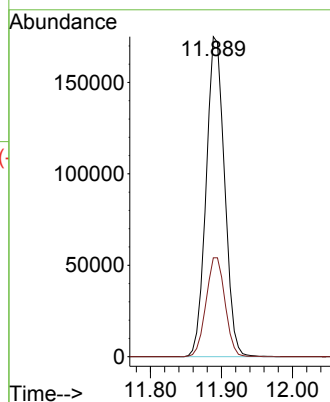
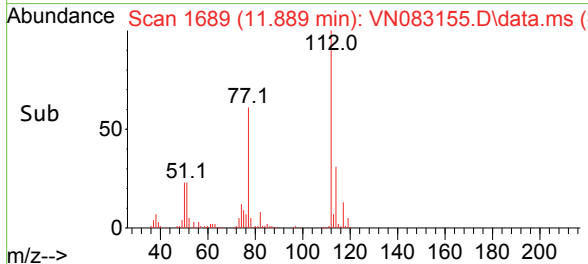


#65
Chlorobenzene
Concen: 49.652 ug/l
RT: 11.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

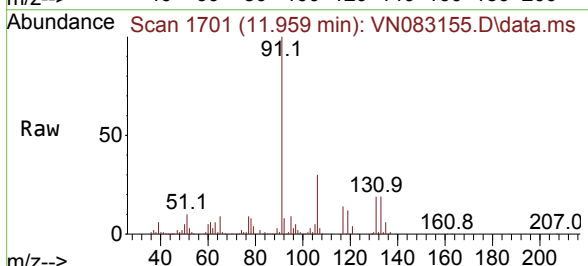
Instrument :
MSVOA_N
ClientSampleId :



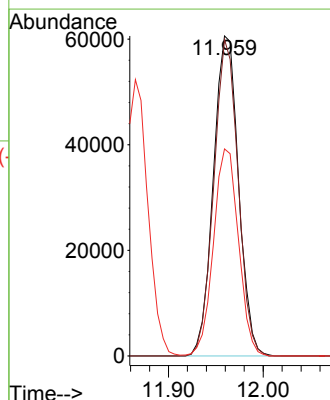
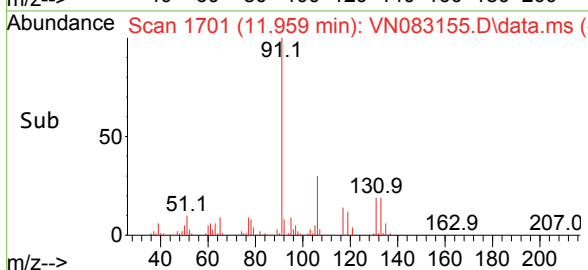
Tgt Ion:112 Resp: 314987
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.2

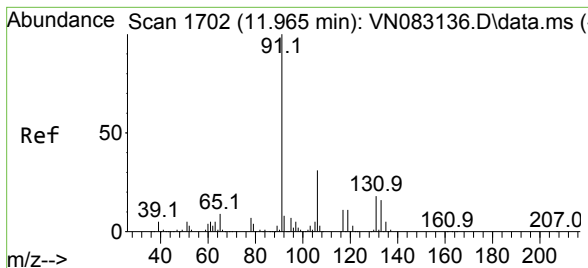


#66
1,1,1,2-Tetrachloroethane
Concen: 50.090 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58



Tgt Ion:131 Resp: 112071
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 64.4 32.5 97.4

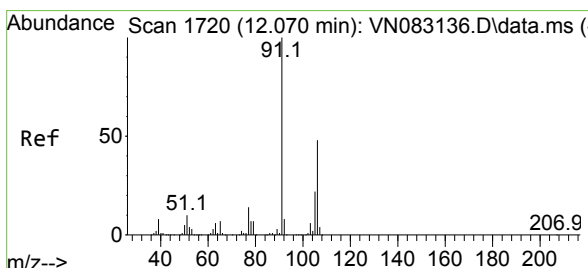
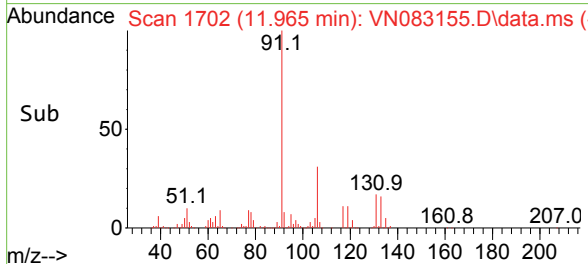
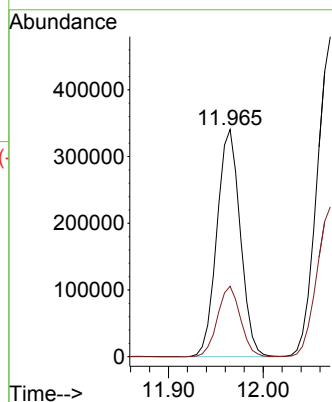
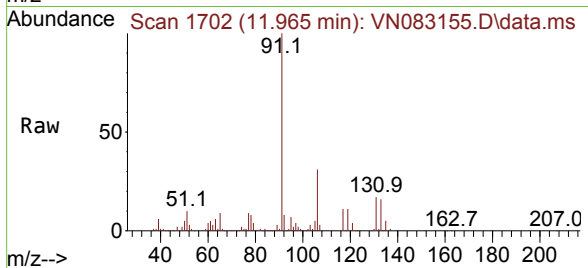




#67
Ethyl Benzene
Concen: 50.134 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

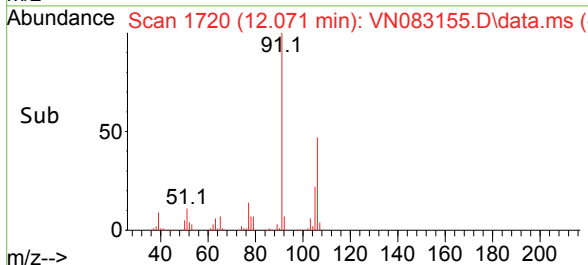
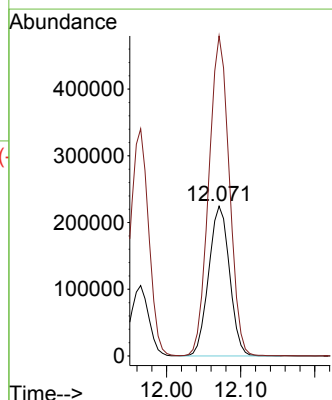
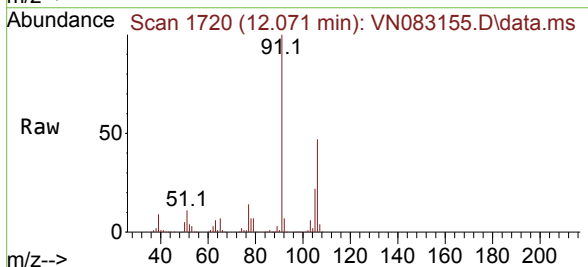
Instrument :
MSVOA_N
ClientSampleId :

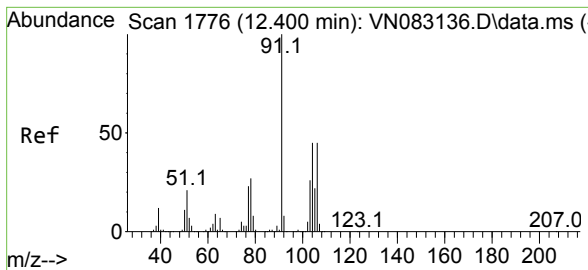
Tgt Ion: 91 Resp: 583447
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0



#68
m/p-Xylenes
Concen: 100.749 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion:106 Resp: 439210
Ion Ratio Lower Upper
106 100
91 210.3 166.1 249.1

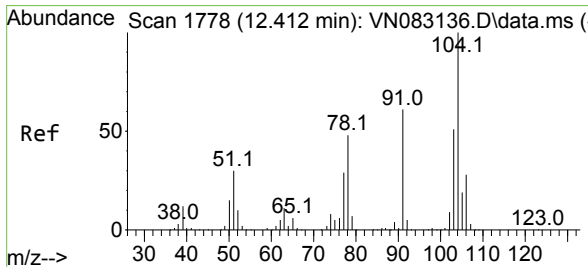
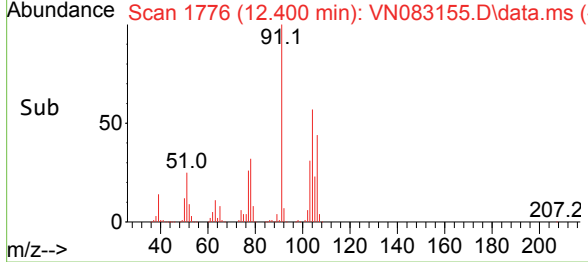
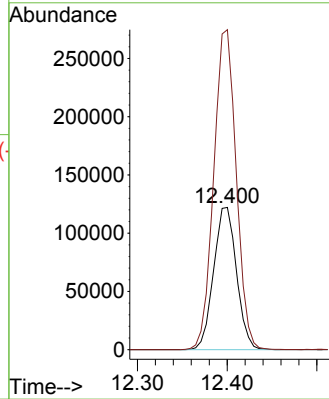
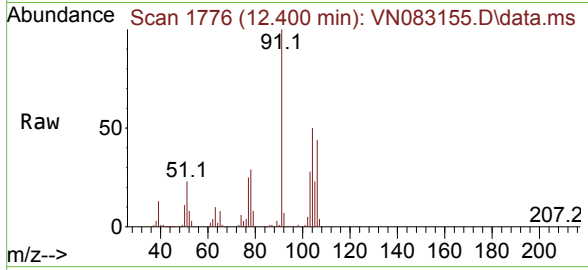




#69
o-Xylene
Concen: 50.294 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

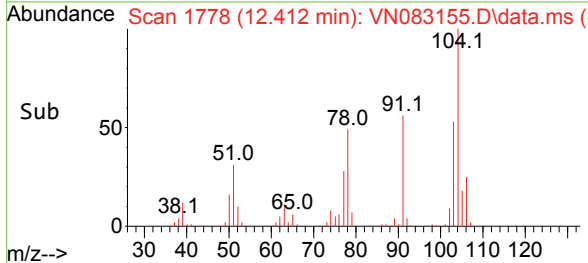
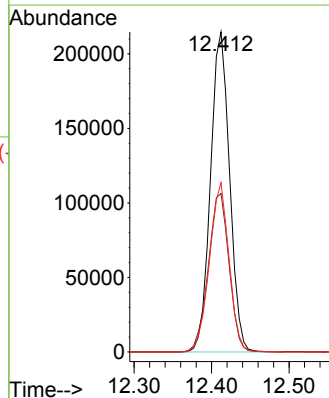
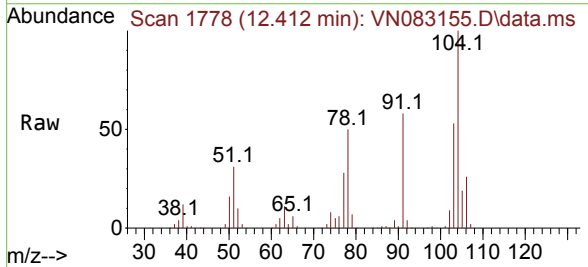
Instrument :
MSVOA_N
ClientSampleId :

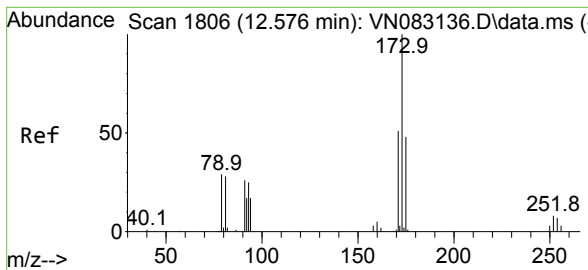
Tgt Ion:106 Resp: 216243
Ion Ratio Lower Upper
106 100
91 221.4 111.3 333.9



#70
Styrene
Concen: 50.880 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion:104 Resp: 367420
Ion Ratio Lower Upper
104 100
78 53.9 41.6 62.4
103 54.3 44.0 66.0





#71

Bromoform

Concen: 52.108 ug/l

RT: 12.577 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN083155.D

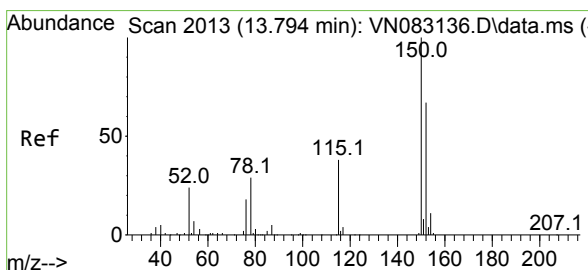
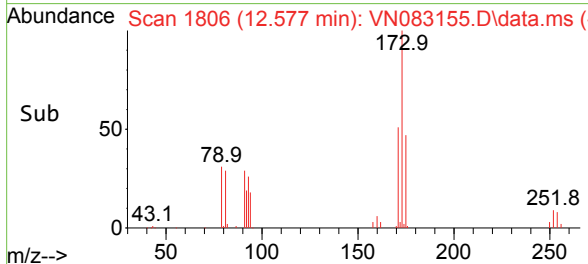
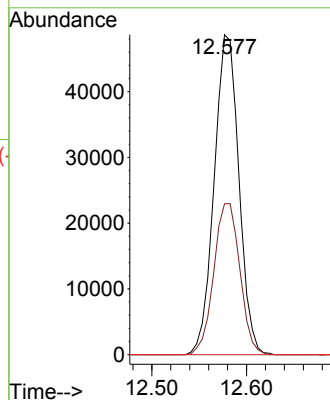
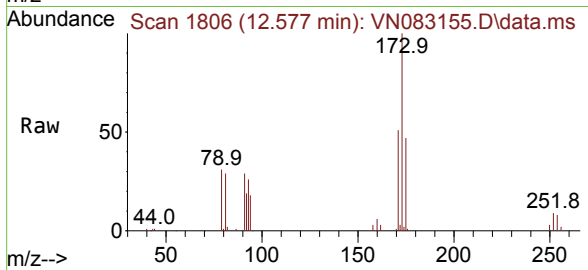
Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	88322
Ion Ratio	Lower	Upper
173	100	
175	49.8	24.0 72.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

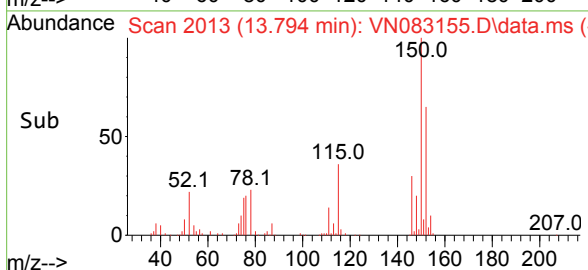
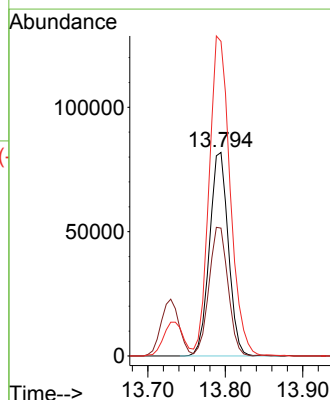
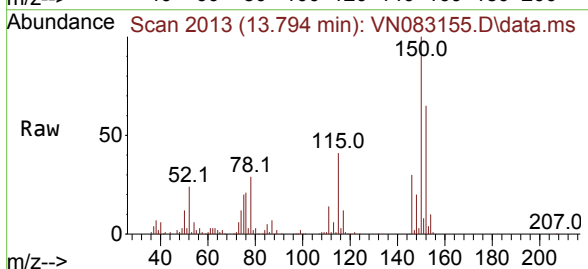
RT: 13.794 min Scan# 2013

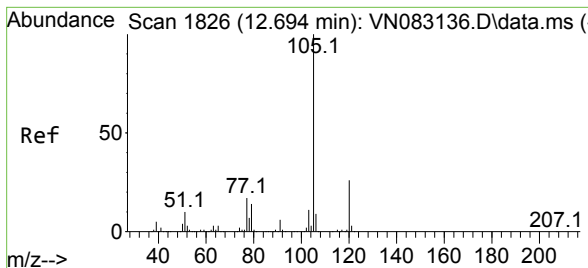
Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Tgt Ion:152	Resp:	138382
Ion Ratio	Lower	Upper
152	100	
115	63.7	30.6 91.6
150	174.7	0.0 348.6





#73

Isopropylbenzene

Concen: 48.213 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

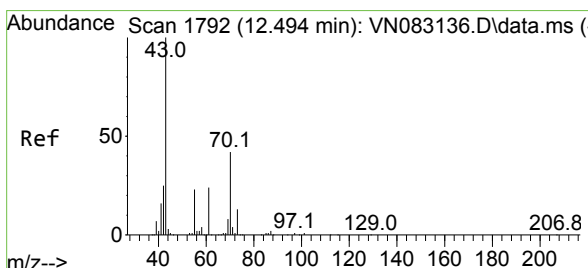
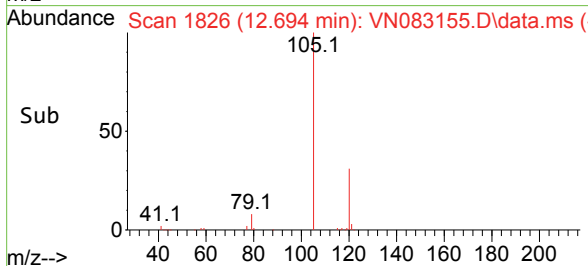
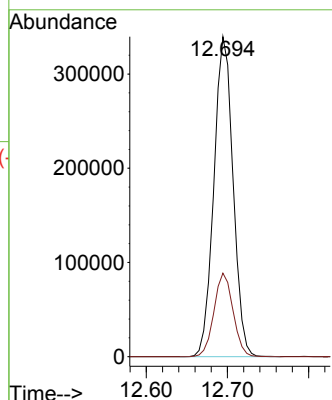
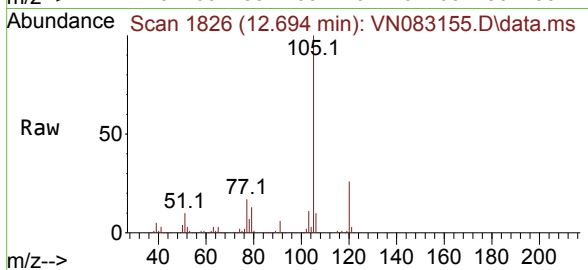
ClientSampleId :

Tgt Ion:105 Resp: 558049

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 45.446 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Tgt Ion: 43 Resp: 257297

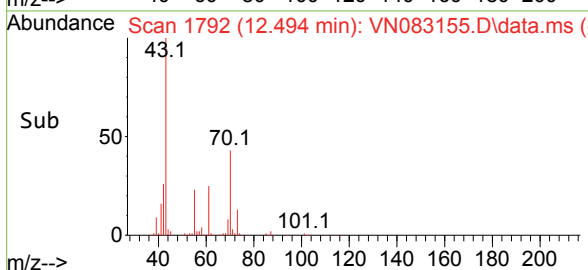
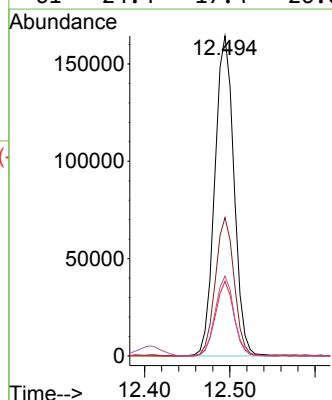
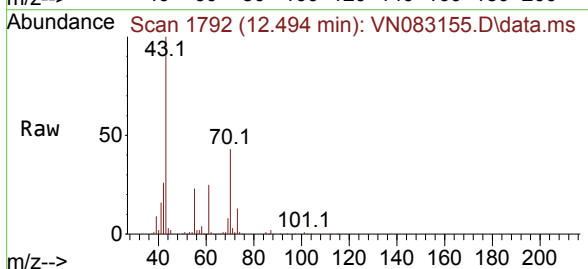
Ion Ratio Lower Upper

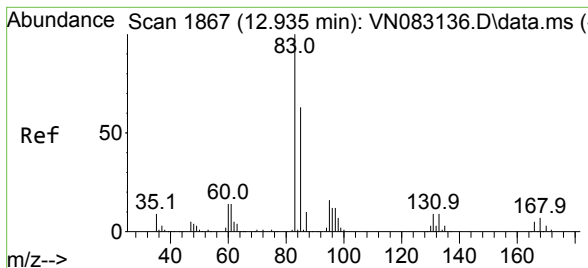
43 100

70 42.5 29.8 44.6

55 22.9 18.7 28.1

61 24.4 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.397 ug/l

RT: 12.935 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

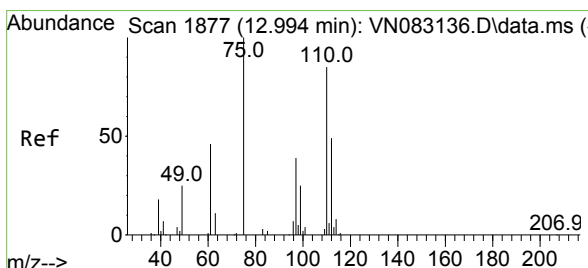
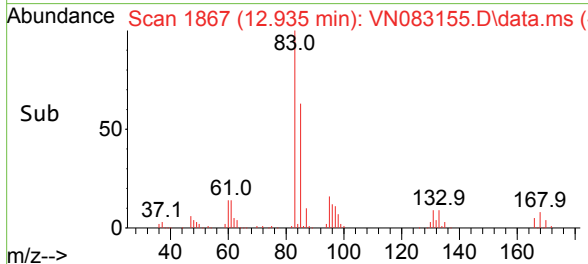
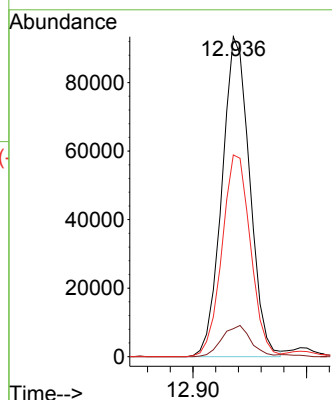
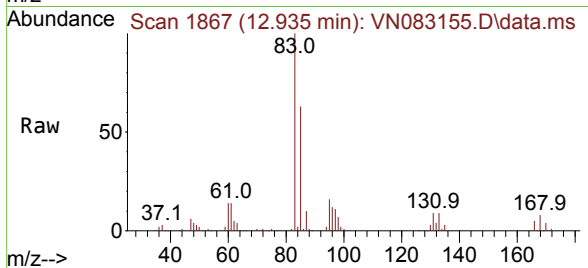
Tgt Ion: 83 Resp: 158436

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 64.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 72.527 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN083155.D

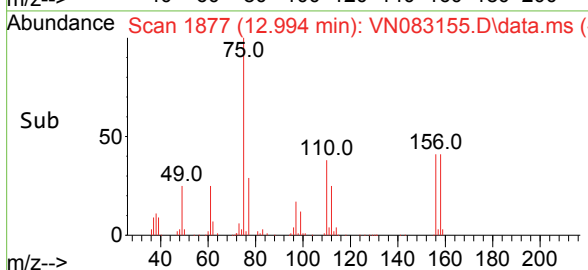
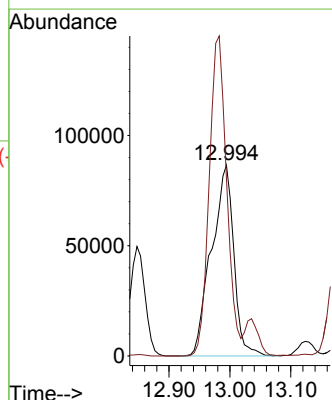
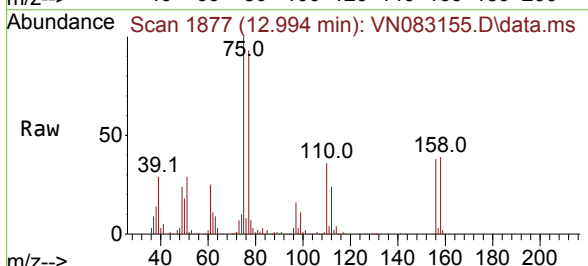
Acq: 08 Aug 2024 14:58

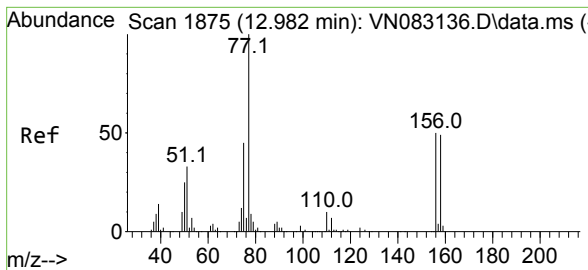
Tgt Ion: 75 Resp: 220276

Ion Ratio Lower Upper

75 100

77 131.3 110.9 332.6

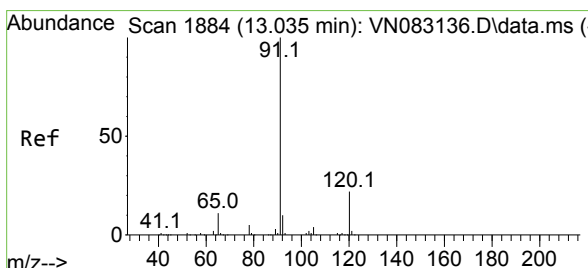
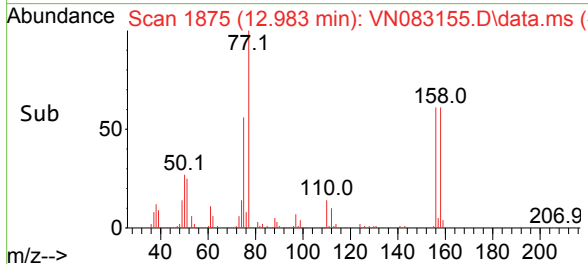
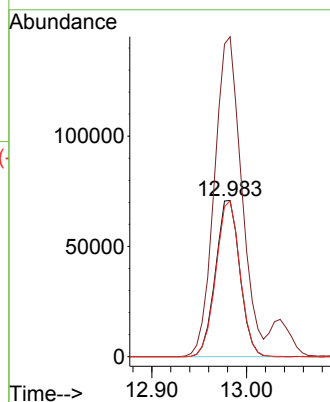
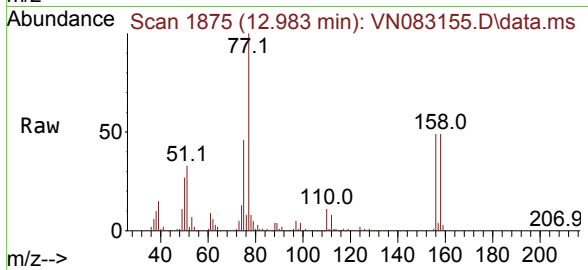




#77
Bromobenzene
Concen: 49.143 ug/l
RT: 12.983 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

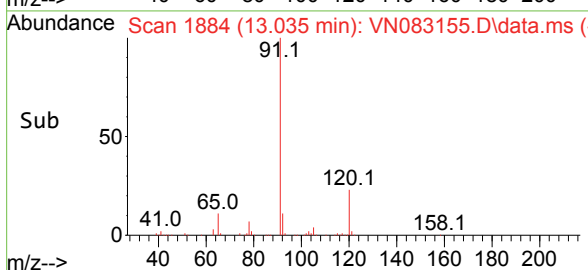
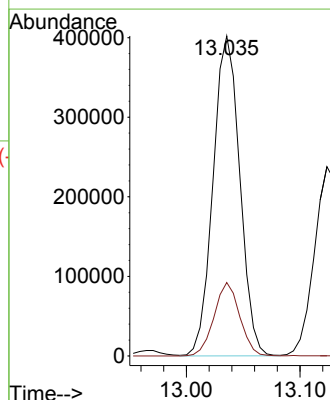
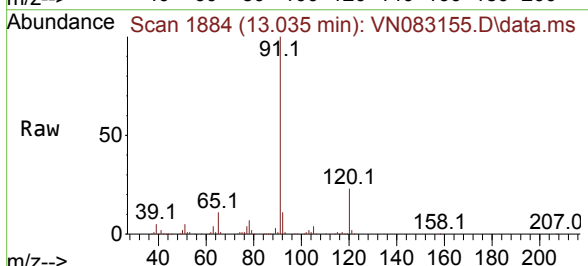
Instrument :
MSVOA_N
ClientSampleId :

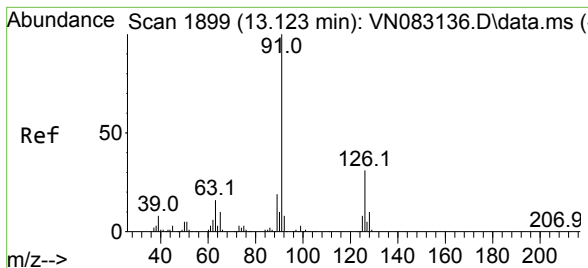
Tgt Ion:156 Resp: 126356
Ion Ratio Lower Upper
156 100
77 228.9 111.3 333.8
158 98.5 48.3 144.9



#78
n-propylbenzene
Concen: 49.343 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

Tgt Ion: 91 Resp: 657639
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





#79

2-Chlorotoluene

Concen: 48.862 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

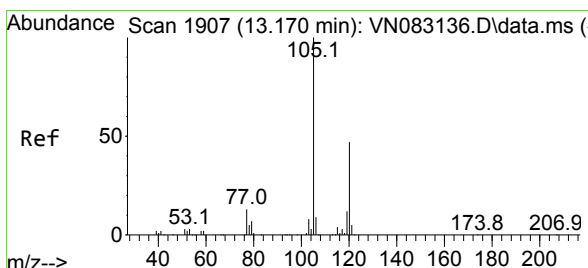
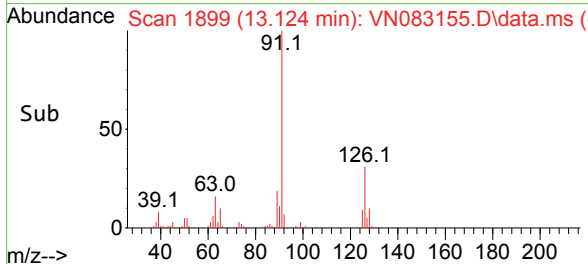
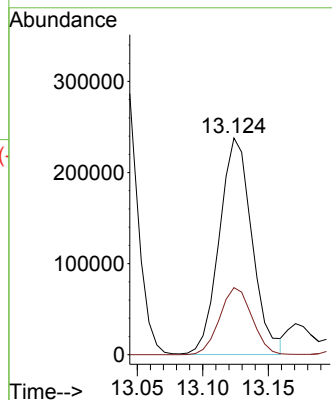
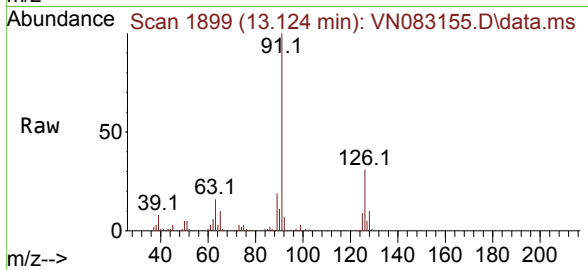
ClientSampleId :

Tgt Ion: 91 Resp: 412881

Ion Ratio Lower Upper

91 100

126 30.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 49.535 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083155.D

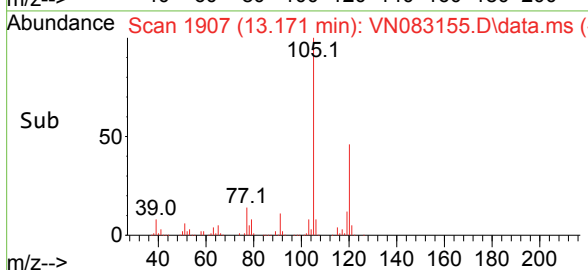
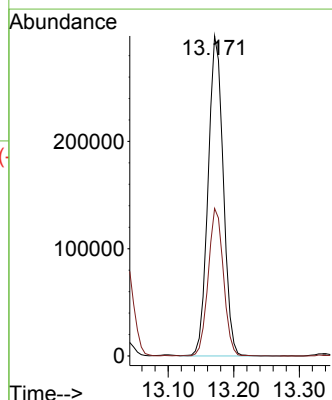
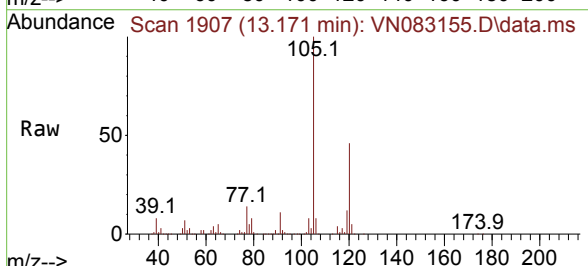
Acq: 08 Aug 2024 14:58

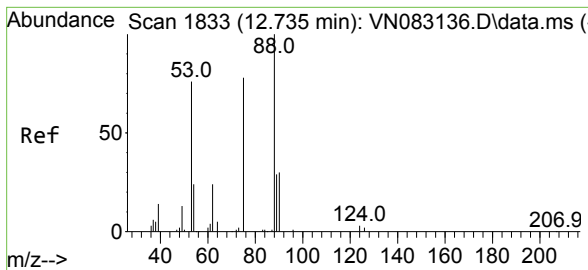
Tgt Ion:105 Resp: 480009

Ion Ratio Lower Upper

105 100

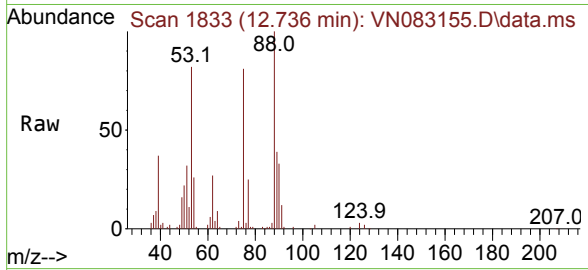
120 46.3 24.3 72.8



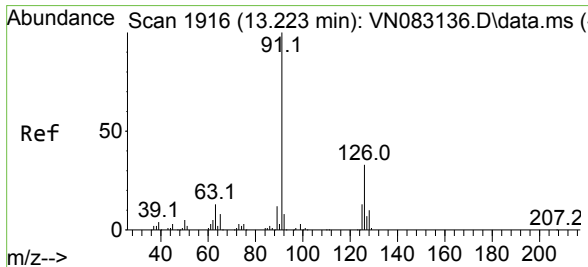
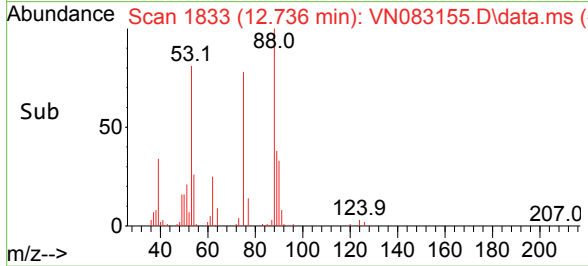
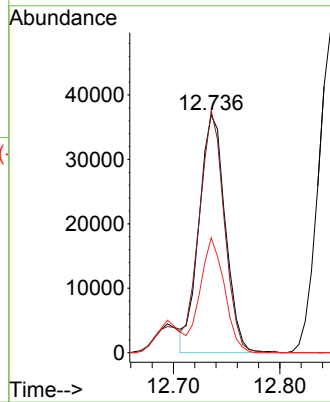


#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.436 ug/l
 RT: 12.736 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

Instrument :
 MSVOA_N
 ClientSampleId :

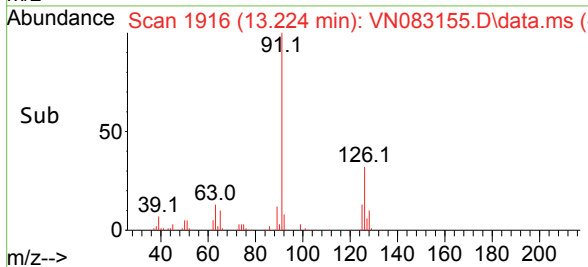
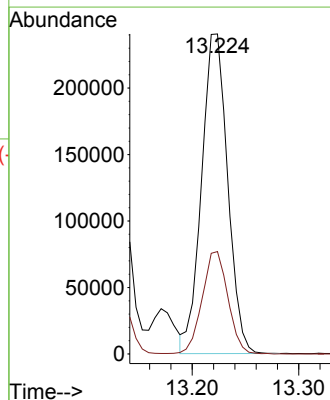
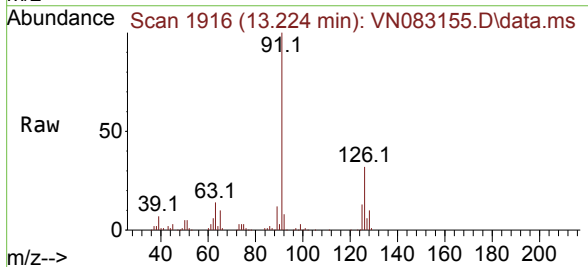


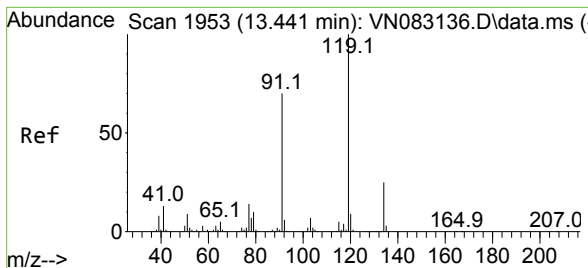
Tgt Ion: 75 Resp: 63439
 Ion Ratio Lower Upper
 75 100
 53 97.5 88.4 132.6
 89 44.3 36.3 54.5



#82
 4-Chlorotoluene
 Concen: 48.332 ug/l
 RT: 13.224 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

Tgt Ion: 91 Resp: 409650
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.2 48.6





#83

tert-Butylbenzene

Concen: 48.589 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

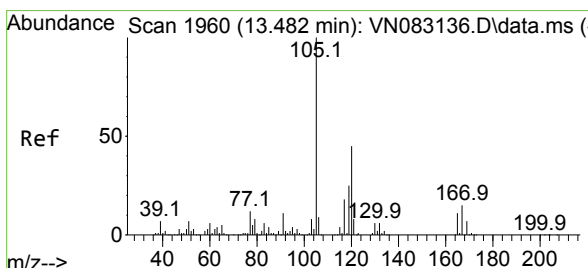
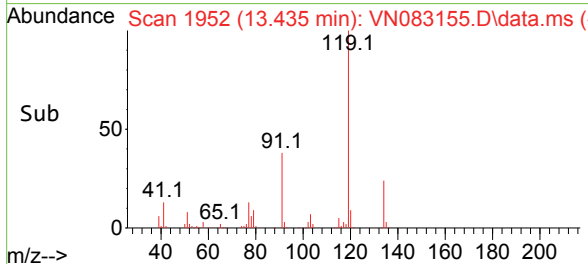
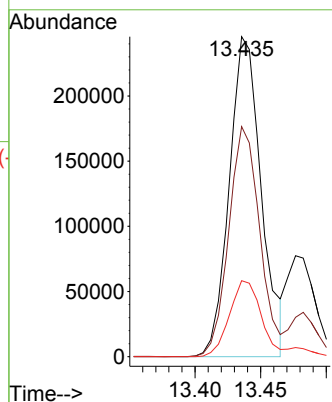
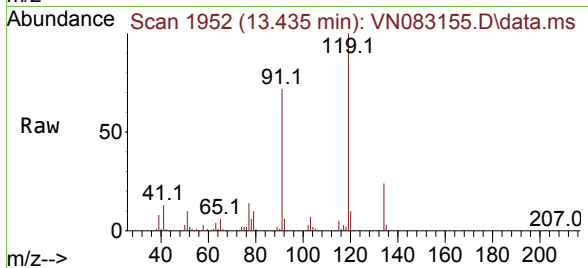
Tgt Ion:119 Resp: 416976

Ion Ratio Lower Upper

119 100

91 69.8 35.0 105.1

134 23.9 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 49.005 ug/l

RT: 13.483 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083155.D

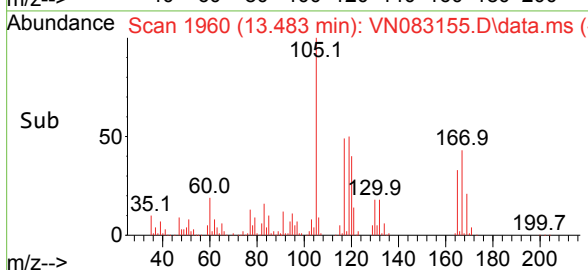
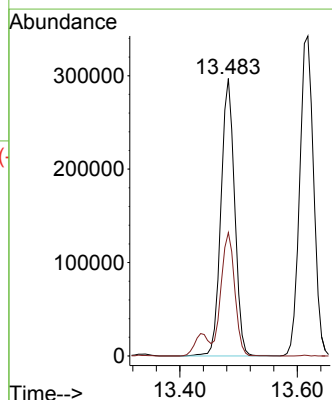
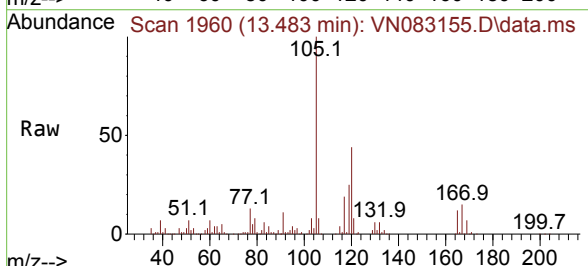
Acq: 08 Aug 2024 14:58

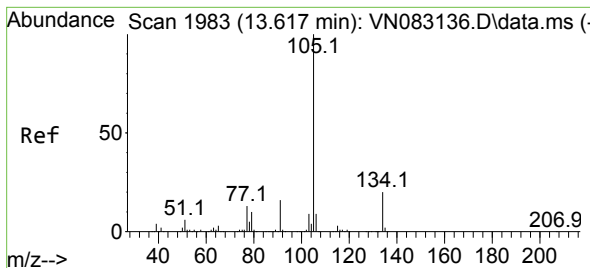
Tgt Ion:105 Resp: 478570

Ion Ratio Lower Upper

105 100

120 44.5 21.9 65.8





#85

sec-Butylbenzene

Concen: 48.155 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

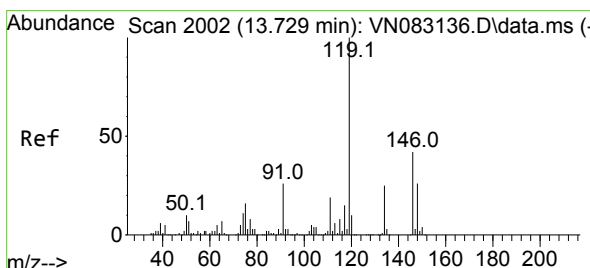
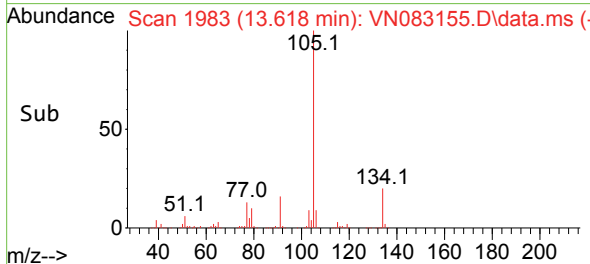
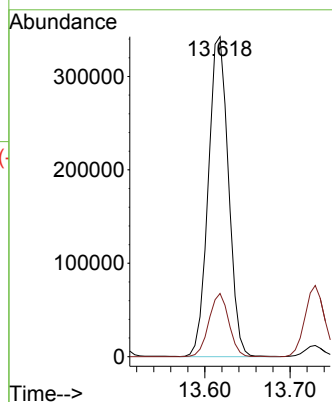
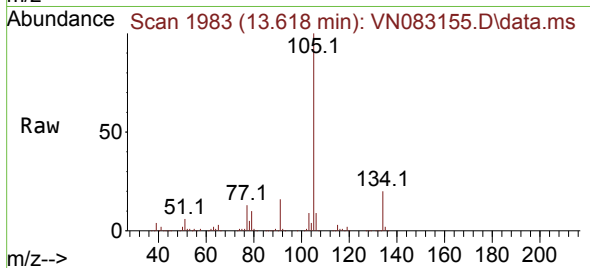
ClientSampleId :

Tgt Ion:105 Resp: 563883

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 48.863 ug/l

RT: 13.730 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

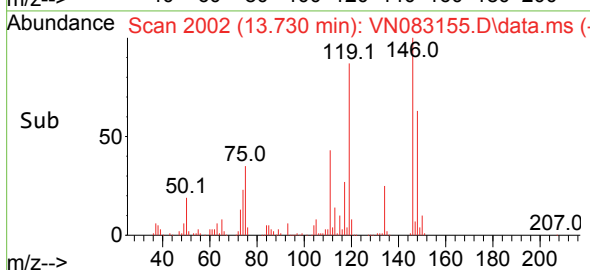
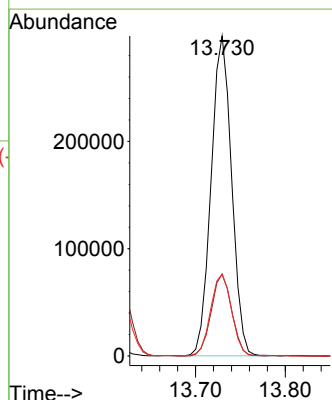
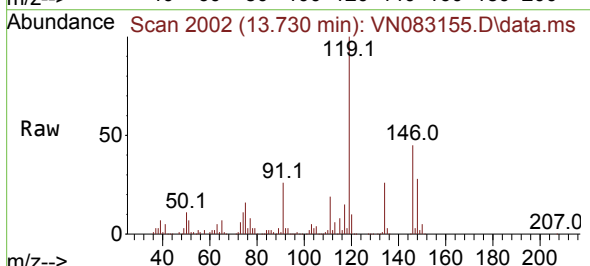
Tgt Ion:119 Resp: 472431

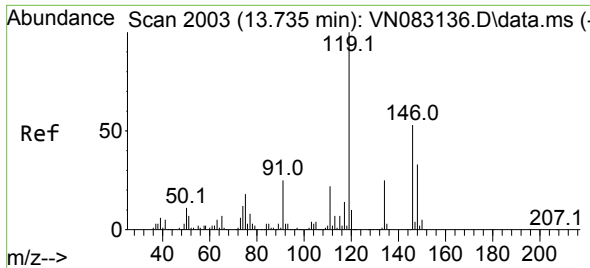
Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 25.9 12.3 36.9

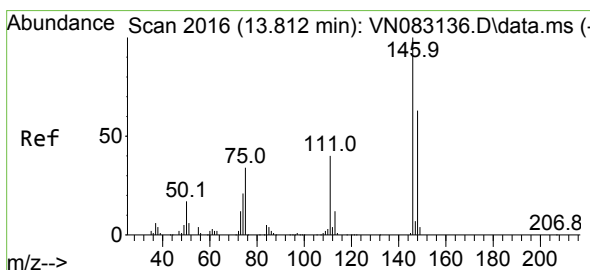
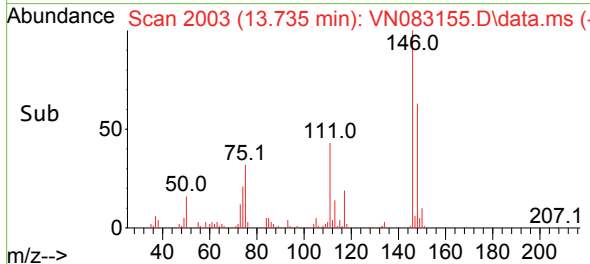
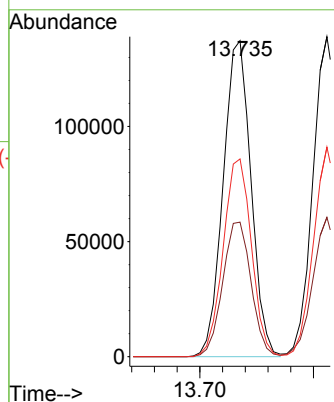
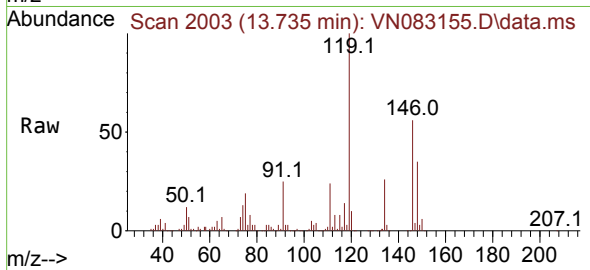




#87
 1,3-Dichlorobenzene
 Concen: 48.273 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

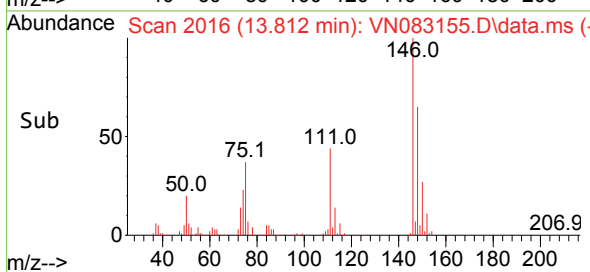
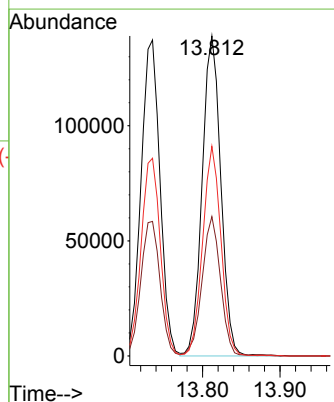
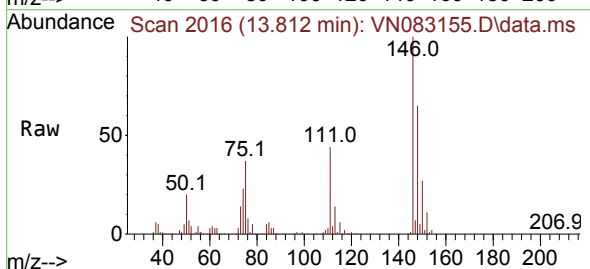
Instrument :
 MSVOA_N
 ClientSampleId :

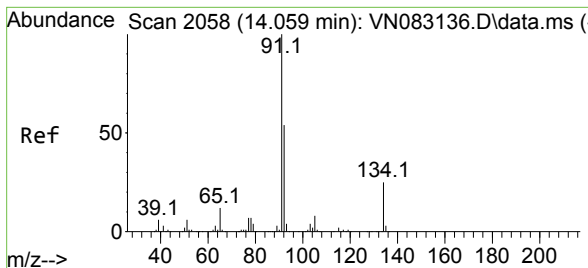
Tgt Ion:146 Resp: 233552
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.6 61.9
 148 63.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.645 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

Tgt Ion:146 Resp: 232389
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.1 60.3
 148 64.3 32.2 96.6





#89

n-Butylbenzene

Concen: 49.128 ug/l

RT: 14.053 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

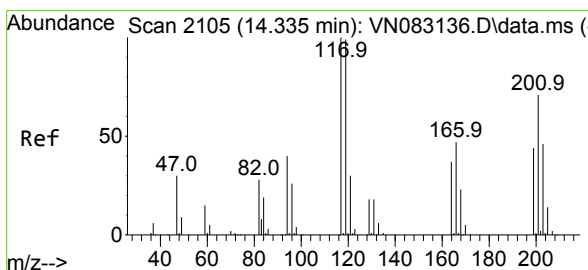
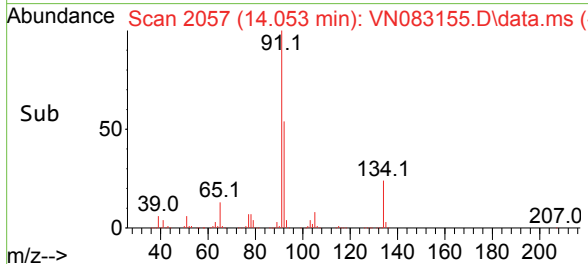
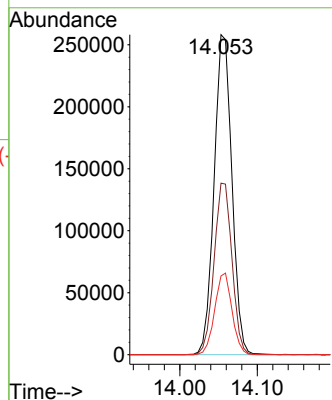
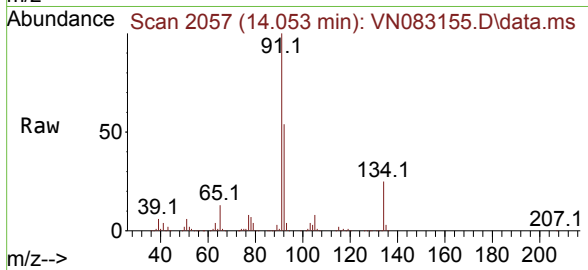
Tgt Ion: 91 Resp: 411575

Ion Ratio Lower Upper

91 100

92 53.9 26.1 78.3

134 24.8 12.1 36.3



#90

Hexachloroethane

Concen: 49.460 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN083155.D

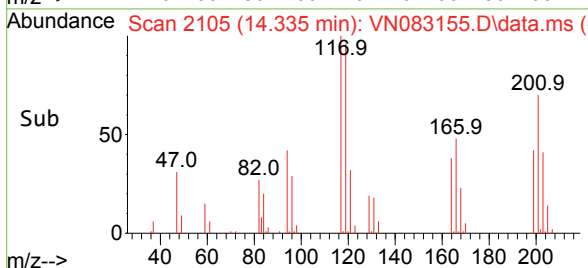
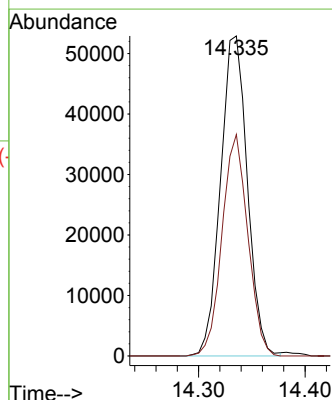
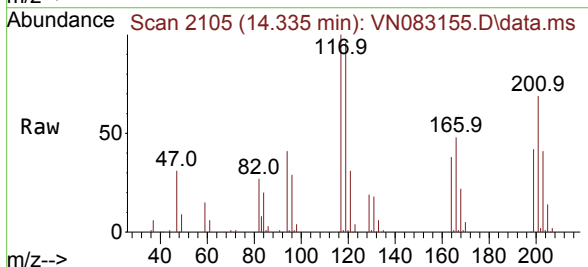
Acq: 08 Aug 2024 14:58

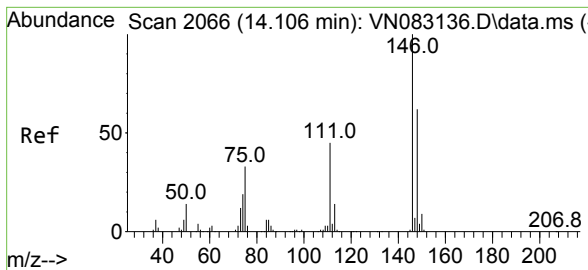
Tgt Ion: 117 Resp: 92388

Ion Ratio Lower Upper

117 100

201 66.5 35.8 107.3

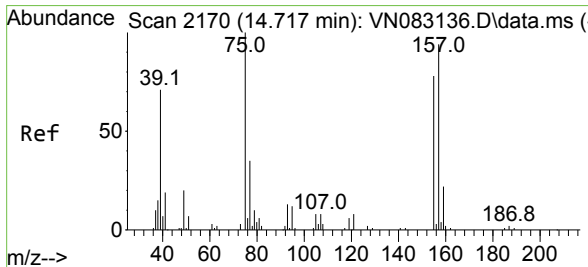
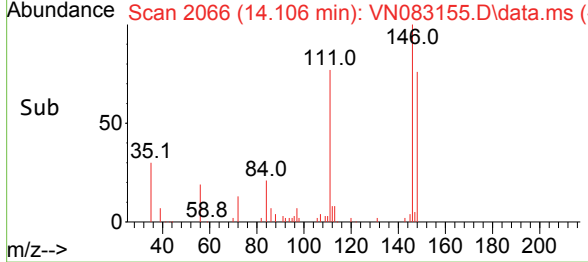
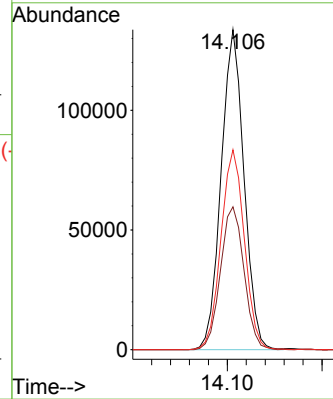
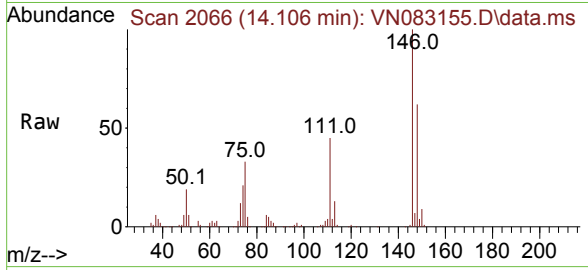




#91
1,2-Dichlorobenzene
Concen: 47.855 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

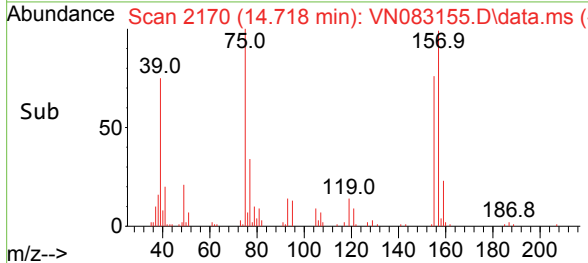
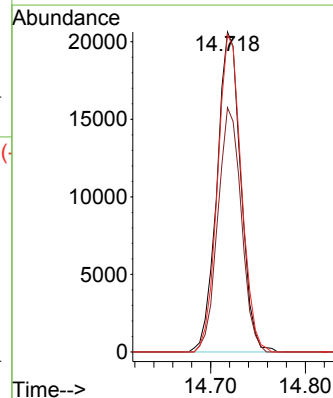
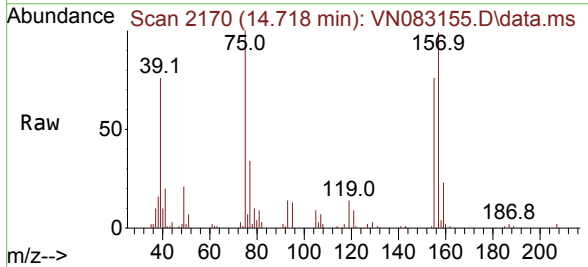
Instrument :
MSVOA_N
ClientSampleId :

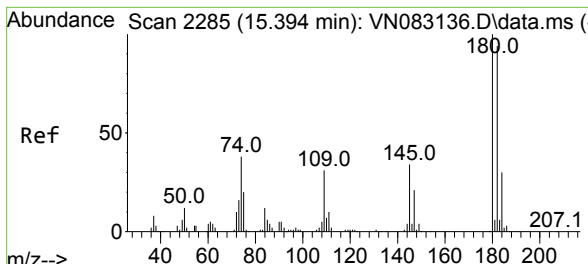
Tgt Ion:146 Resp: 224047
Ion Ratio Lower Upper
146 100
111 46.1 21.4 64.2
148 64.0 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.277 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083155.D
Acq: 08 Aug 2024 14:58

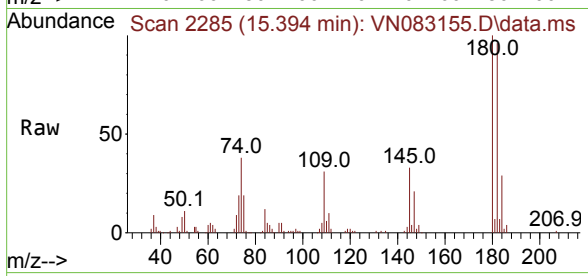
Tgt Ion: 75 Resp: 35968
Ion Ratio Lower Upper
75 100
155 75.4 36.6 109.8
157 98.6 46.9 140.6





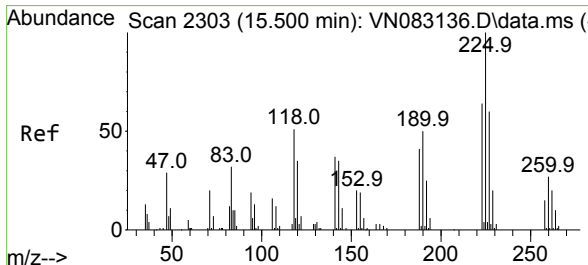
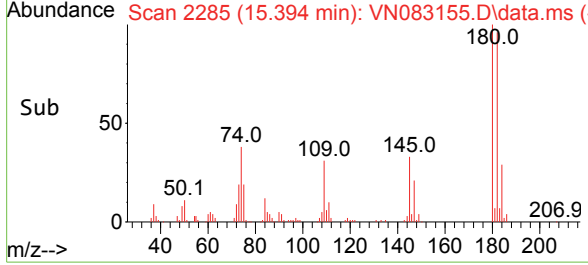
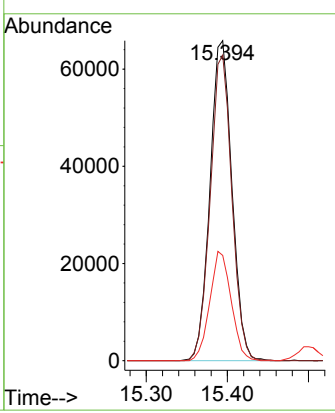
#93
 1,2,4-Trichlorobenzene
 Concen: 47.198 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 123795

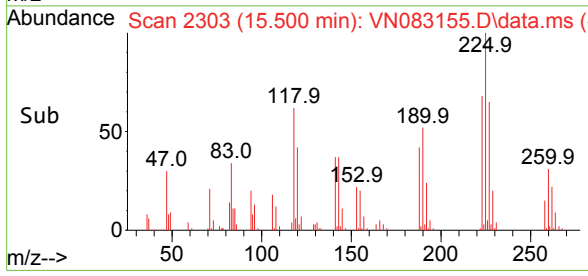
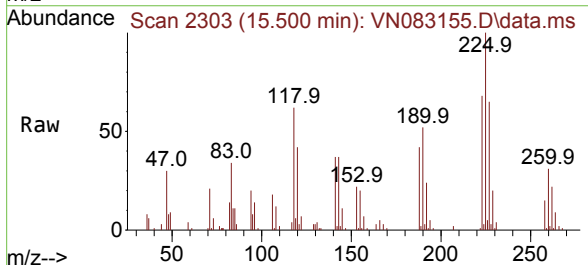
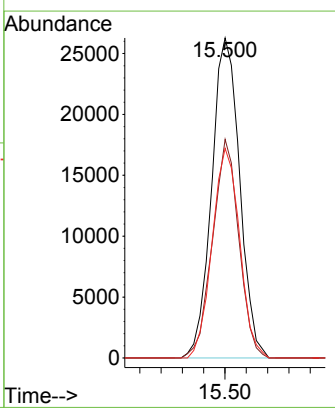
Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	141.8
145	33.2	15.7	47.1

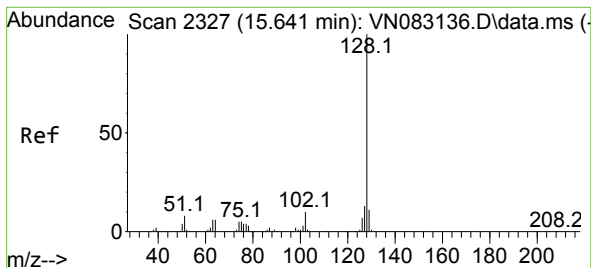


#94
 Hexachlorobutadiene
 Concen: 41.115 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN083155.D
 Acq: 08 Aug 2024 14:58

Tgt Ion:225 Resp: 47960

Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.7
227	64.1	32.5	97.5





#95

Naphthalene

Concen: 47.319 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

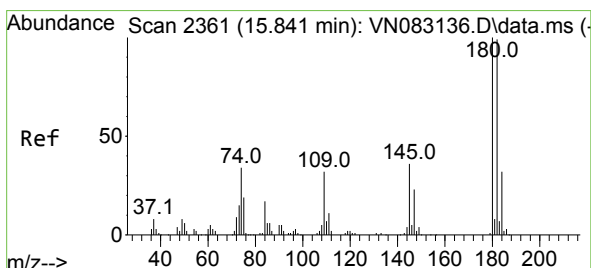
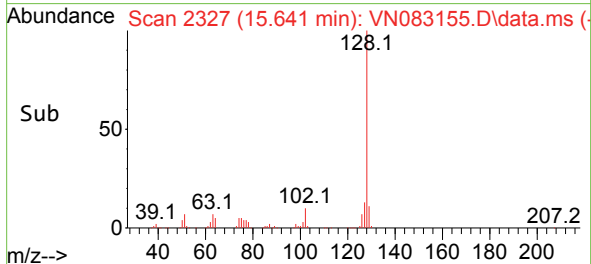
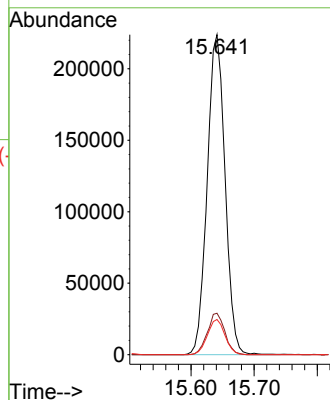
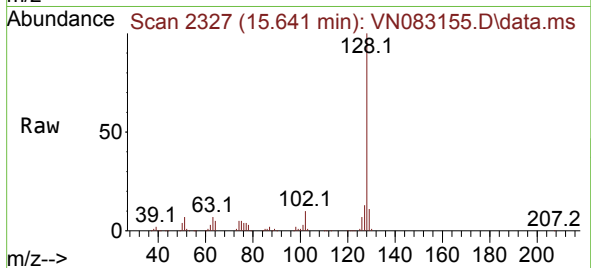
Tgt Ion:128 Resp: 439632

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.116 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083155.D

Acq: 08 Aug 2024 14:58

Tgt Ion:180 Resp: 119686

Ion Ratio Lower Upper

180 100

182 95.1 48.9 146.8

145 36.8 16.8 50.4

