

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083370.D
 Acq On : 19 Aug 2024 14:14
 Operator : JC\MD
 Sample : VN0819WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 20 04:44:22 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	162452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116728	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129591	56.044	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.080%	
35) Dibromofluoromethane	8.171	113	96237	54.160	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.320%	
50) Toluene-d8	10.570	98	353604	53.348	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.847	95	135412	52.403	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32436	17.607	ug/l	98
3) Chloromethane	2.359	50	33987	18.020	ug/l	94
4) Vinyl Chloride	2.512	62	35092	18.234	ug/l	95
5) Bromomethane	2.959	94	20728	17.358	ug/l	95
6) Chloroethane	3.118	64	24629	20.455	ug/l	99
7) Trichlorofluoromethane	3.500	101	61473	19.336	ug/l	95
8) Diethyl Ether	3.965	74	22007	18.602	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	34503	19.684	ug/l	98
10) Methyl Iodide	4.589	142	34826	15.104	ug/l	93
11) Tert butyl alcohol	5.530	59	42745	88.951	ug/l	100
12) 1,1-Dichloroethene	4.341	96	32275	17.922	ug/l	93
13) Acrolein	4.177	56	11293	36.058	ug/l	96
14) Allyl chloride	5.024	41	59807	17.574	ug/l	89
15) Acrylonitrile	5.724	53	97877	99.035	ug/l	99
16) Acetone	4.430	43	85624	94.633	ug/l	97
17) Carbon Disulfide	4.718	76	78191	14.839	ug/l	99
18) Methyl Acetate	5.024	43	59002	21.887	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	125513	19.310	ug/l	95
20) Methylene Chloride	5.277	84	37348	17.935	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	33098	17.783	ug/l	94
22) Diisopropyl ether	6.671	45	125566	19.629	ug/l	97
23) Vinyl Acetate	6.606	43	675293	102.993	ug/l	95
24) 1,1-Dichloroethane	6.565	63	70035	20.086	ug/l	95
25) 2-Butanone	7.482	43	134423	96.756	ug/l	94
26) 2,2-Dichloropropane	7.488	77	61621	19.030	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	42567	18.953	ug/l	94
28) Bromochloromethane	7.812	49	27807	19.515	ug/l	90
29) Tetrahydrofuran	7.841	42	87293	97.199	ug/l #	87
30) Chloroform	7.965	83	75639	20.881	ug/l	98
31) Cyclohexane	8.253	56	59209	17.279	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	69922	20.393	ug/l	96
36) 1,1-Dichloropropene	8.371	75	47501	17.672	ug/l	99
37) Ethyl Acetate	7.559	43	54801	18.209	ug/l	96
38) Carbon Tetrachloride	8.359	117	58337	19.269	ug/l	99
39) Methylcyclohexane	9.600	83	54862	16.617	ug/l	100
40) Benzene	8.606	78	154182	19.255	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29307	17.126	ug/l	92
42) 1,2-Dichloroethane	8.671	62	58855	20.177	ug/l	99
43) Isopropyl Acetate	8.688	43	100017	17.725	ug/l #	95
44) Trichloroethene	9.353	130	36588	19.197	ug/l	94
45) 1,2-Dichloropropane	9.623	63	38361	20.182	ug/l	100
46) Dibromomethane	9.706	93	27162	19.965	ug/l	98
47) Bromodichloromethane	9.888	83	60730	19.880	ug/l	99
48) Methyl methacrylate	9.682	41	44290	17.800	ug/l	91
49) 1,4-Dioxane	9.700	88	17487	389.559	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	285593	100.349	ug/l	93
52) Toluene	10.629	92	96572	19.088	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	59863	19.077	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	63119	18.911	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	37184	20.508	ug/l	97
56) Ethyl methacrylate	10.876	69	62670	18.335	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	64783	20.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	136029	94.148	ug/l	96
59) 2-Hexanone	11.200	43	213145	96.806	ug/l	93
60) Dibromochloromethane	11.365	129	45859	20.920	ug/l	96
61) 1,2-Dibromoethane	11.470	107	37704	19.795	ug/l	96
64) Tetrachloroethene	11.106	164	31771	19.086	ug/l	91
65) Chlorobenzene	11.894	112	106774	19.223	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	38674	19.742	ug/l	99
67) Ethyl Benzene	11.965	91	190504	18.696	ug/l	97
68) m/p-Xylenes	12.070	106	141650	37.111	ug/l	98
69) o-Xylene	12.400	106	68572	18.215	ug/l	99
70) Styrene	12.412	104	118040	18.669	ug/l	98
71) Bromoform	12.582	173	28210	19.009	ug/l #	99
73) Isopropylbenzene	12.694	105	183779	18.823	ug/l	99
74) N-amyl acetate	12.494	43	79945	16.740	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	54585	19.767	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	73742	28.784	ug/l	44
77) Bromobenzene	12.982	156	41748	19.249	ug/l	96
78) n-propylbenzene	13.035	91	215301	19.151	ug/l	100
79) 2-Chlorotoluene	13.123	91	132186	18.546	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	155831	19.064	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	20629	17.516	ug/l	88
82) 4-Chlorotoluene	13.223	91	133028	18.607	ug/l	98
83) tert-Butylbenzene	13.441	119	134819	18.624	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	156307	18.975	ug/l	99
85) sec-Butylbenzene	13.617	105	184059	18.634	ug/l	100
86) p-Isopropyltoluene	13.729	119	152949	18.754	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	77562	19.005	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	76574	18.612	ug/l	97
89) n-Butylbenzene	14.059	91	130544	18.473	ug/l	100
90) Hexachloroethane	14.335	117	29820	18.926	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	75859	19.209	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12055	17.990	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	39877	18.024	ug/l	97
94) Hexachlorobutadiene	15.505	225	16689	16.961	ug/l	98
95) Naphthalene	15.641	128	138298	17.647	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	39972	18.259	ug/l	96

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QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

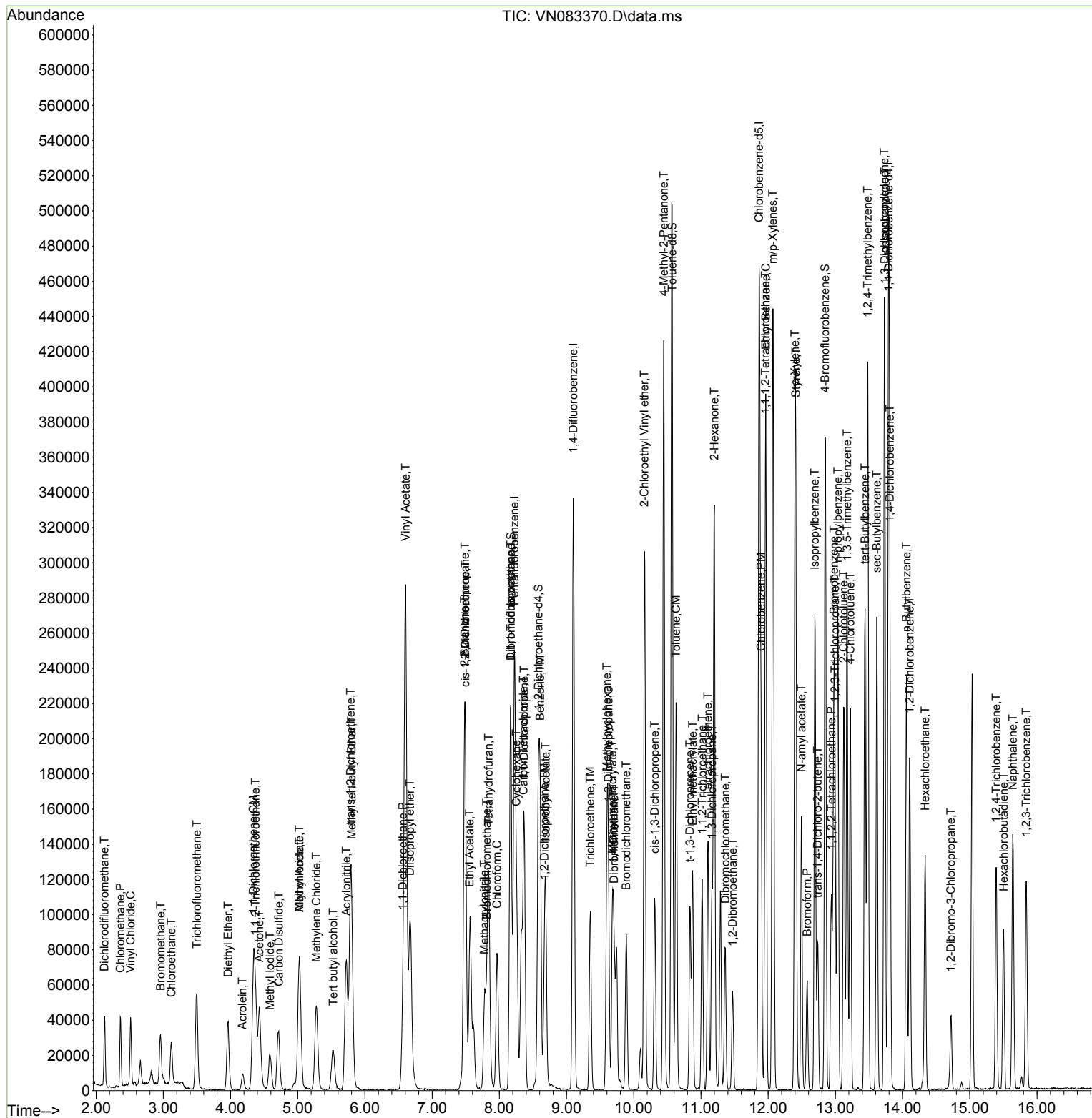
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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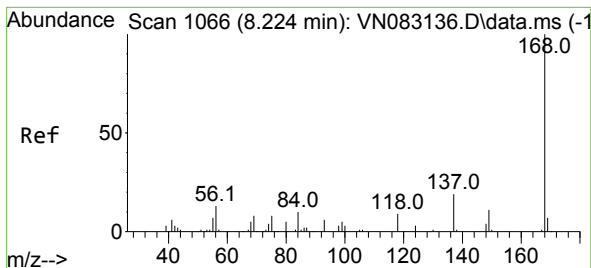
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN083370.D

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Instrument :

MSVOA_N

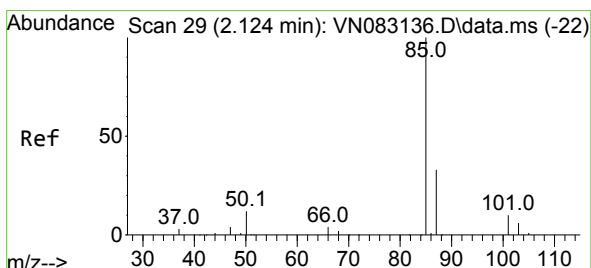
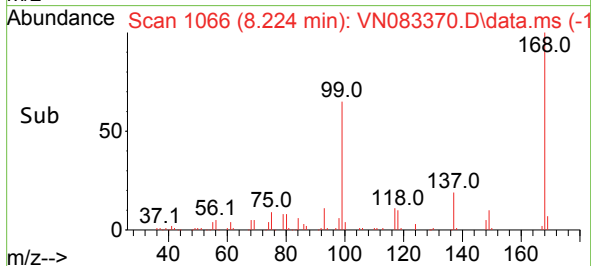
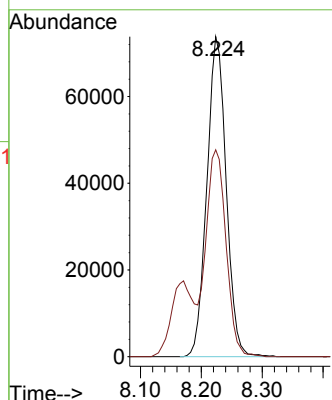
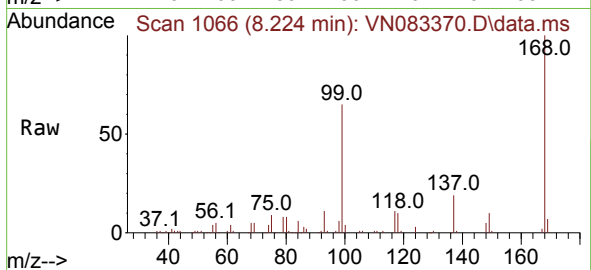
ClientSampleId :

Tgt Ion:168 Resp: 162452

Ion Ratio Lower Upper

168 100

99 64.6 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 17.607 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN083370.D

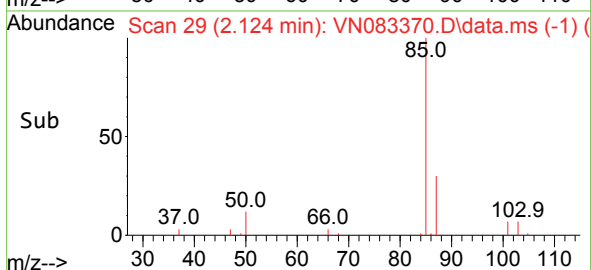
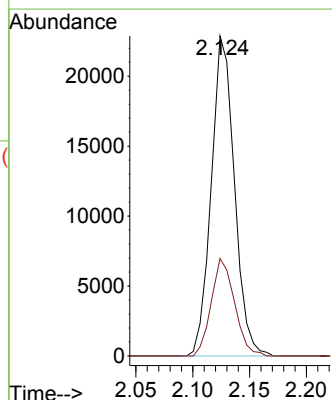
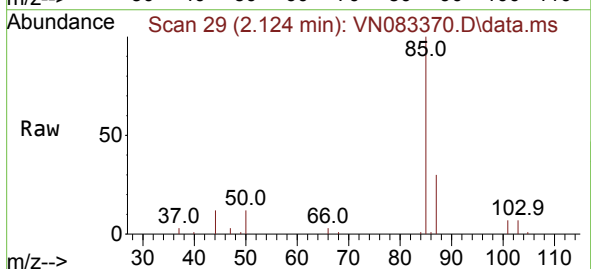
Acq: 19 Aug 2024 14:14

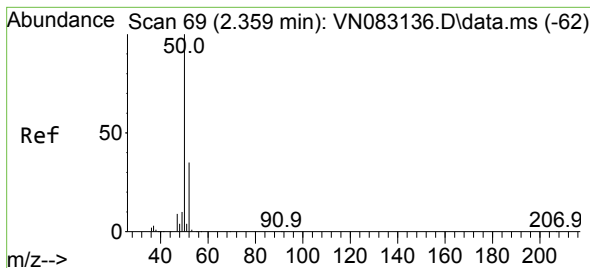
Tgt Ion: 85 Resp: 32436

Ion Ratio Lower Upper

85 100

87 30.4 15.7 47.0





#3

Chloromethane

Concen: 18.020 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

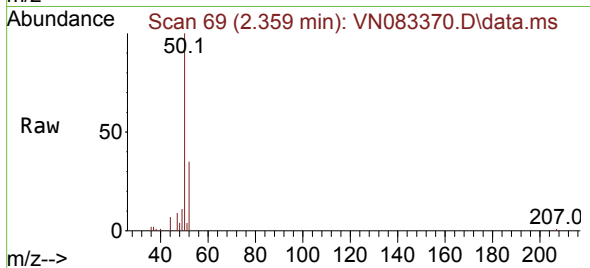
Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

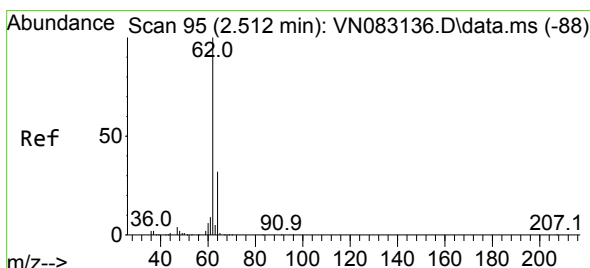
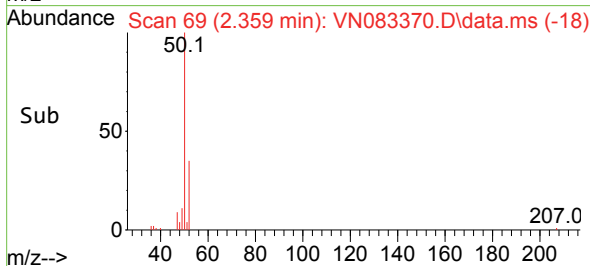
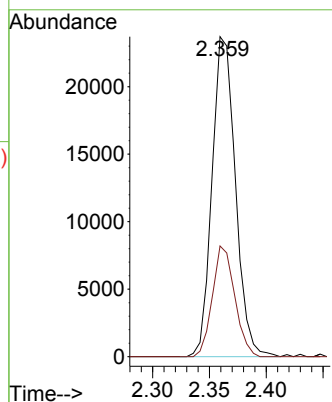


Tgt Ion: 50 Resp: 33987

Ion Ratio Lower Upper

50 100

52 34.6 25.0 37.4



#4

Vinyl Chloride

Concen: 18.234 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN083370.D

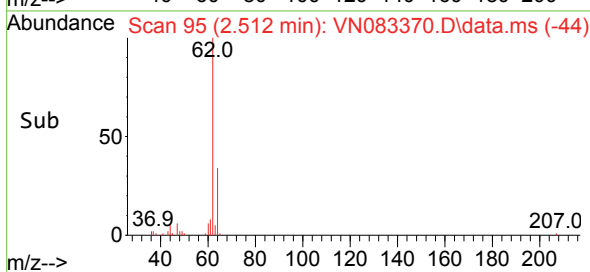
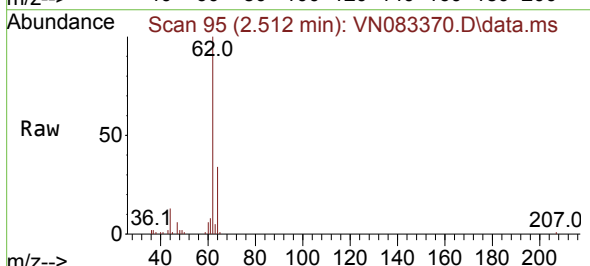
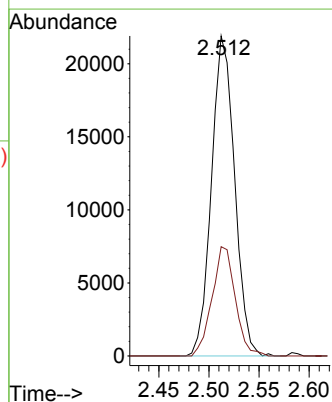
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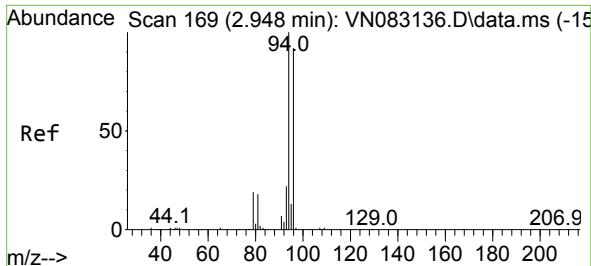
Tgt Ion: 62 Resp: 35092

Ion Ratio Lower Upper

62 100

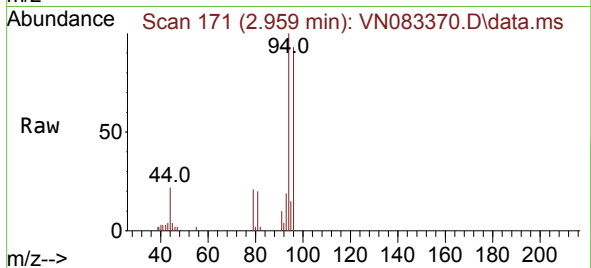
64 34.1 25.0 37.6



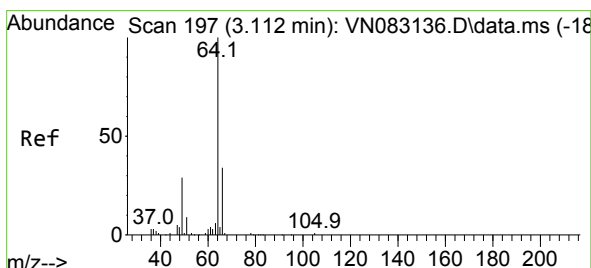
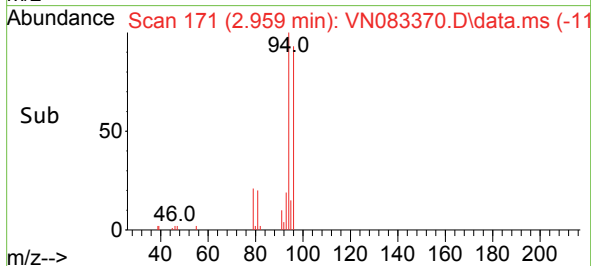
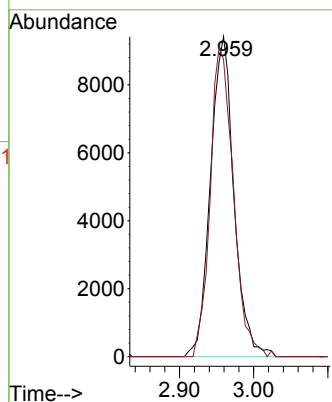


#5
Bromomethane
Concen: 17.358 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN083370.D
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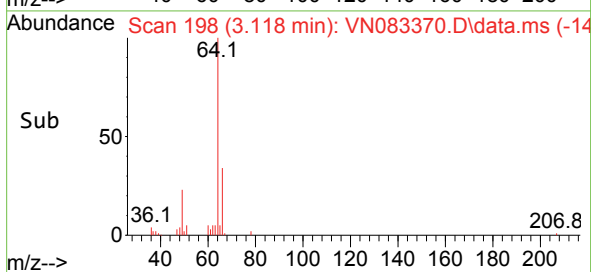
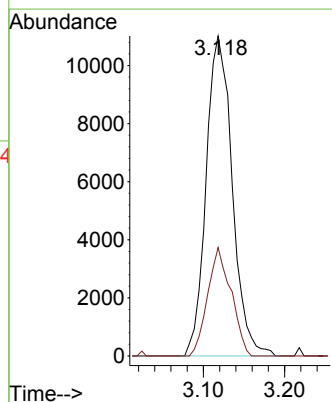
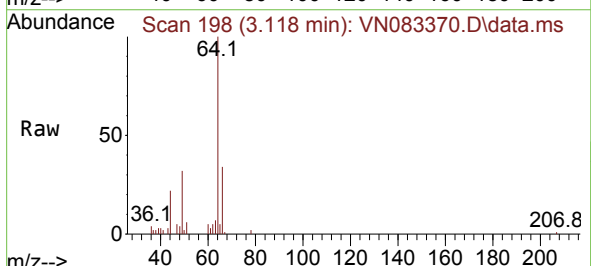


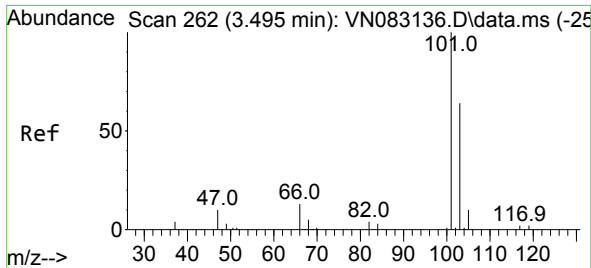
Tgt Ion: 94 Resp: 20728
Ion Ratio Lower Upper
94 100
96 92.9 78.0 117.0



#6
Chloroethane
Concen: 20.455 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Tgt Ion: 64 Resp: 24629
Ion Ratio Lower Upper
64 100
66 33.9 26.6 40.0

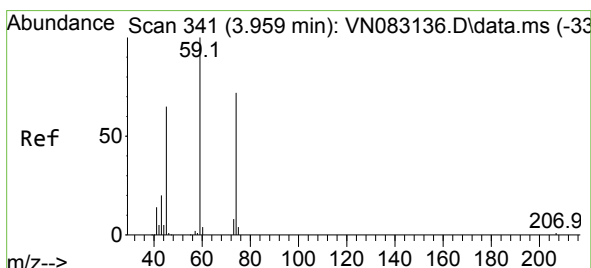
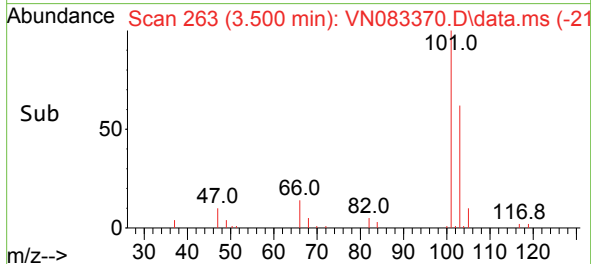
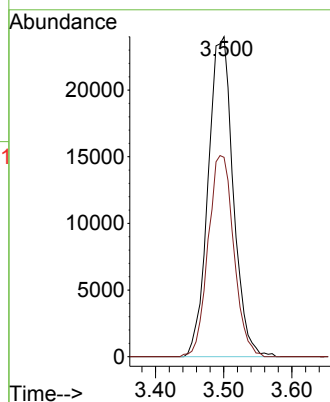
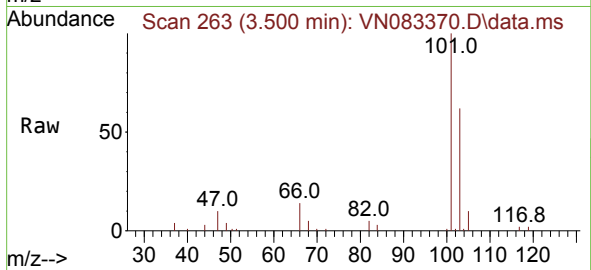




#7
 Trichlorofluoromethane
 Concen: 19.336 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VN083370.D
 Acq: 19 Aug 2024 14:14

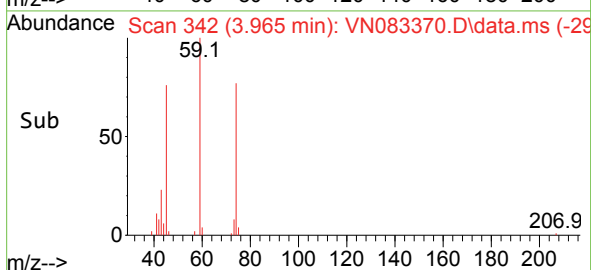
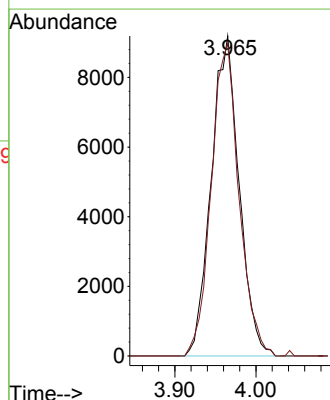
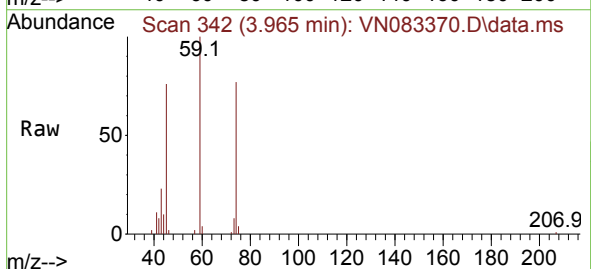
Instrument :
 MSVOA_N
 ClientSampleId :

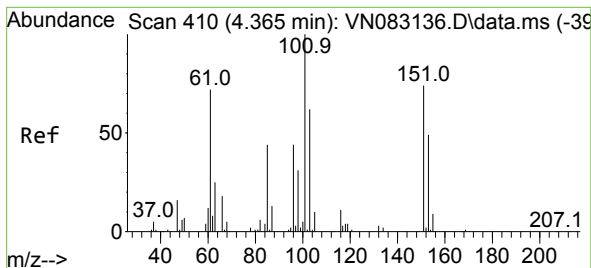
Tgt Ion:101 Resp: 61473
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.7 79.1



#8
 Diethyl Ether
 Concen: 18.602 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN083370.D
 Acq: 19 Aug 2024 14:14

Tgt Ion: 74 Resp: 22007
 Ion Ratio Lower Upper
 74 100
 45 97.0 55.5 166.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.684 ug/l

RT: 4.371 min Scan# 411

Delta R.T. 0.006 min

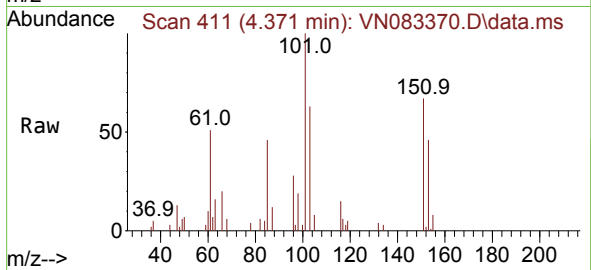
Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :



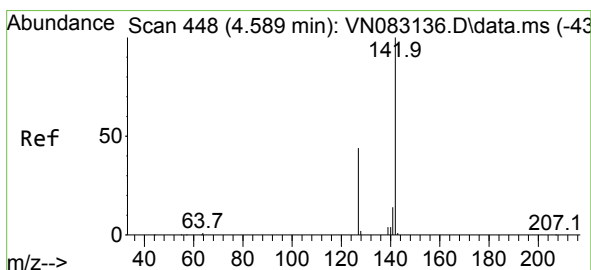
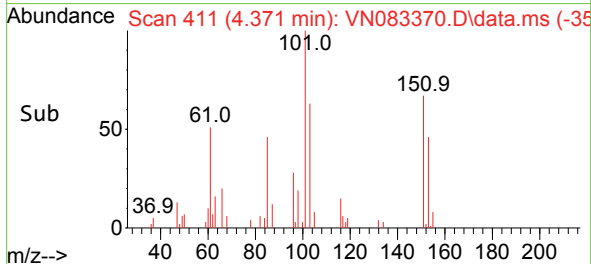
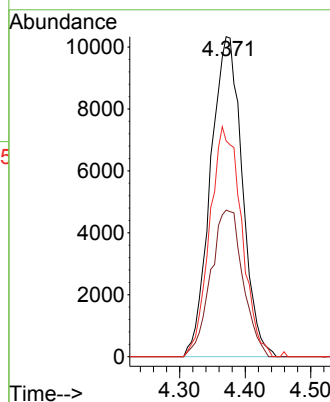
Tgt Ion:101 Resp: 34503

Ion Ratio Lower Upper

101 100

85 46.8 38.3 57.5

151 72.5 59.3 88.9



#10

Methyl Iodide

Concen: 15.104 ug/l

RT: 4.589 min Scan# 448

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

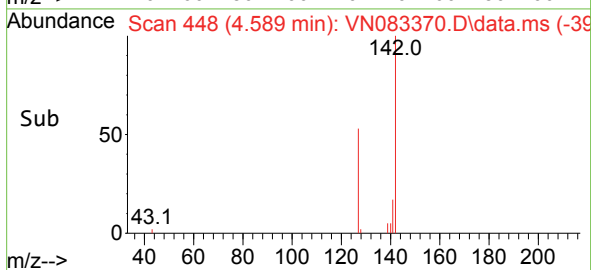
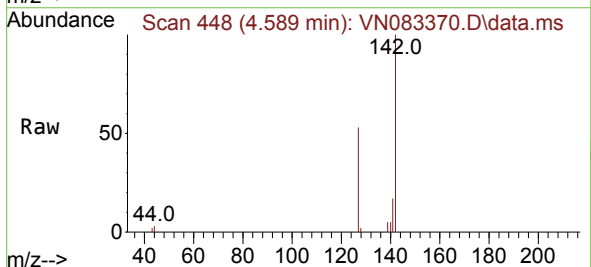
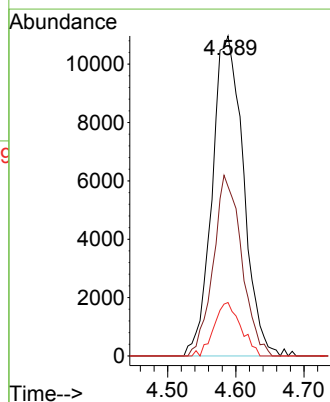
Tgt Ion:142 Resp: 34826

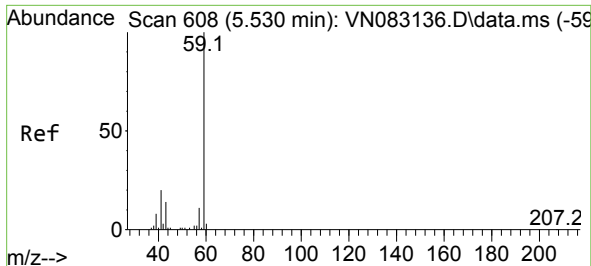
Ion Ratio Lower Upper

142 100

127 52.9 37.5 56.3

141 16.7 13.1 19.7

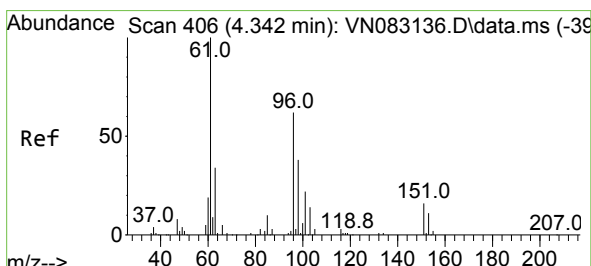
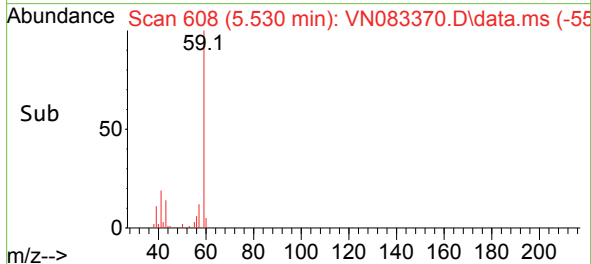
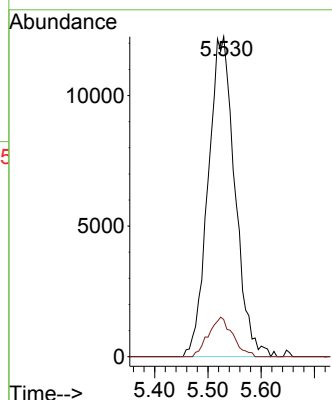
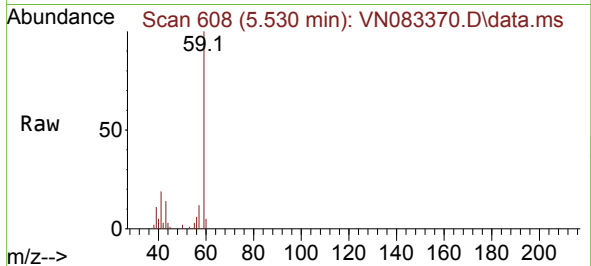




#11
Tert butyl alcohol
Concen: 88.951 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

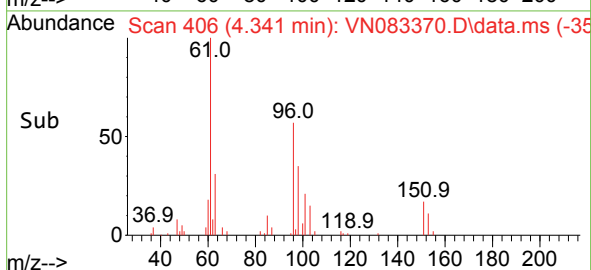
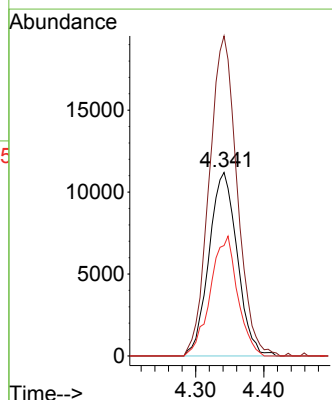
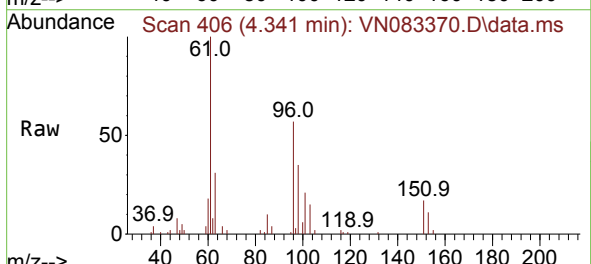
Instrument :
MSVOA_N
ClientSampleId :

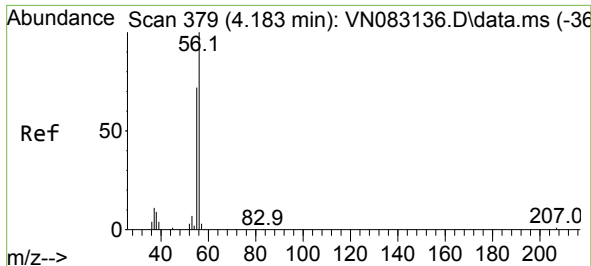
Tgt Ion: 59 Resp: 42745
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3



#12
1,1-Dichloroethene
Concen: 17.922 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

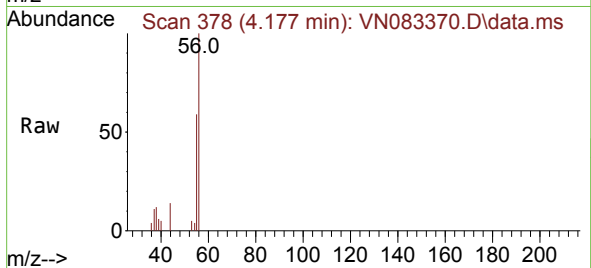
Tgt Ion: 96 Resp: 32275
Ion Ratio Lower Upper
96 100
61 174.4 149.7 224.5
98 60.2 50.1 75.1



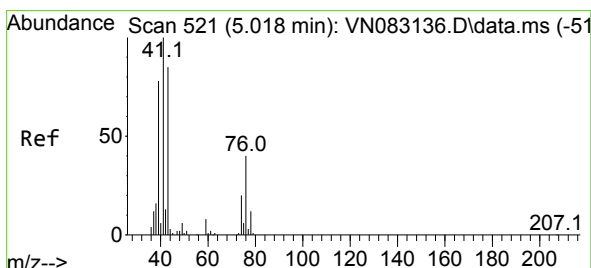
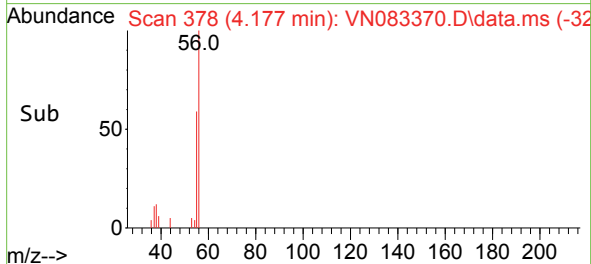
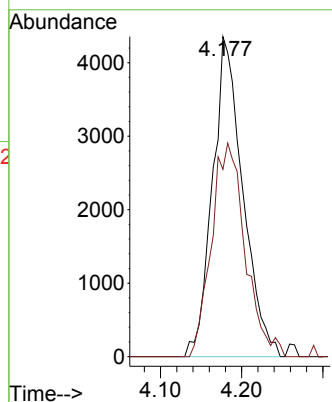


#13
Acrolein
Concen: 36.058 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :

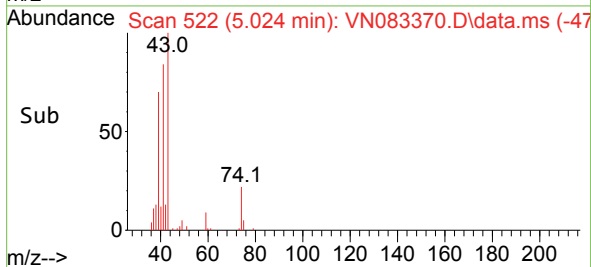
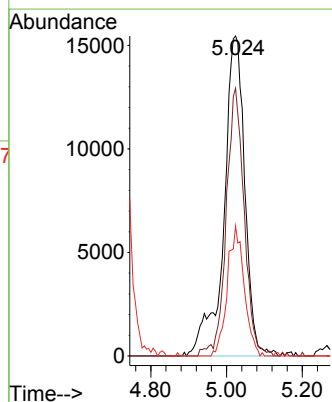
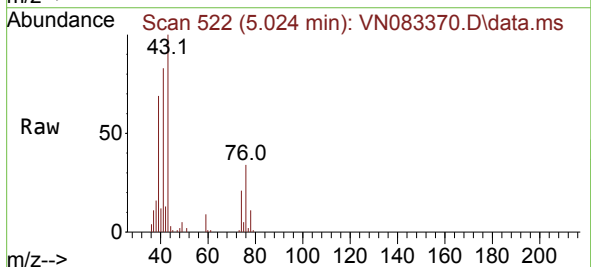


Tgt Ion: 56 Resp: 11293
Ion Ratio Lower Upper
56 100
55 74.0 56.4 84.6



#14
Allyl chloride
Concen: 17.574 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

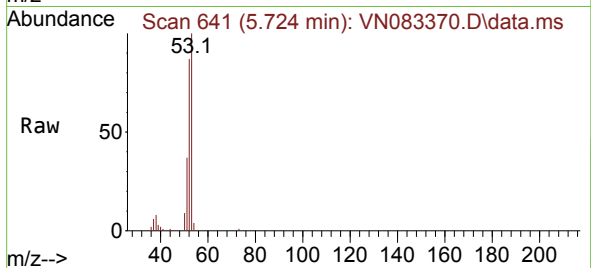
Tgt Ion: 41 Resp: 59807
Ion Ratio Lower Upper
41 100
39 71.2 67.8 101.6
76 32.5 25.8 38.8





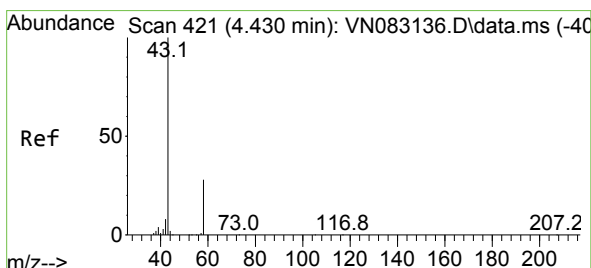
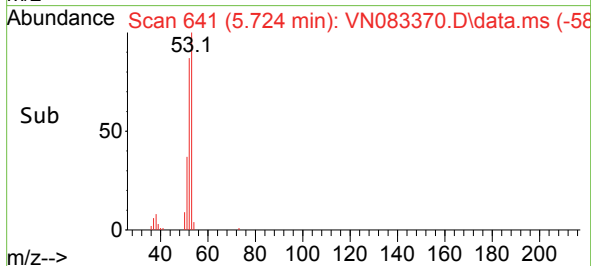
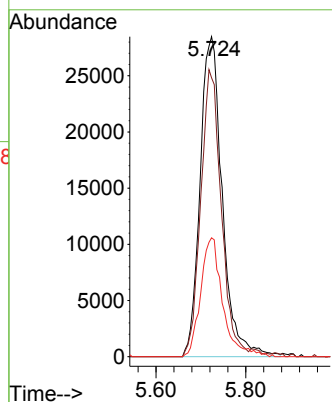
#15
Acrylonitrile
Concen: 99.035 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 97877

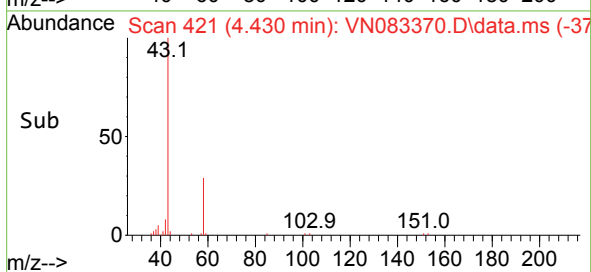
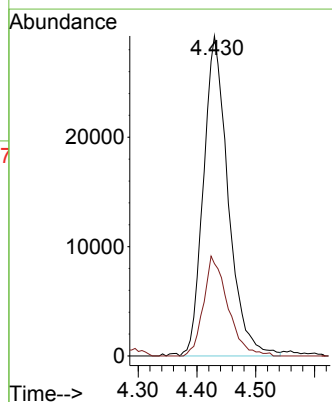
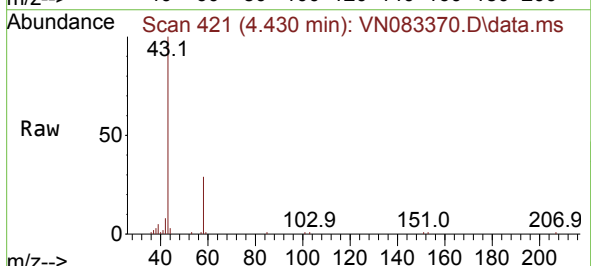
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	100.0
51	36.9	30.1	45.1

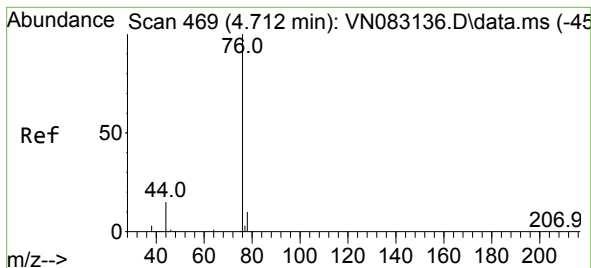


#16
Acetone
Concen: 94.633 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Tgt Ion: 43 Resp: 85624

Ion	Ratio	Lower	Upper
43	100		
58	28.9	21.8	32.6





#17

Carbon Disulfide

Concen: 14.839 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

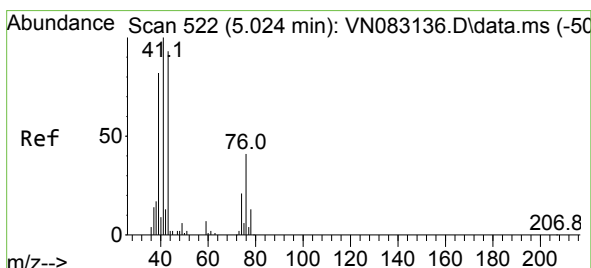
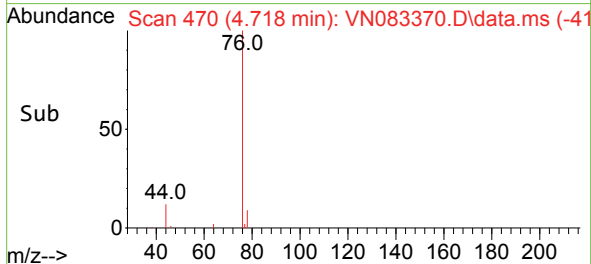
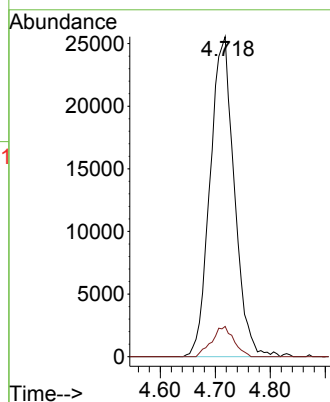
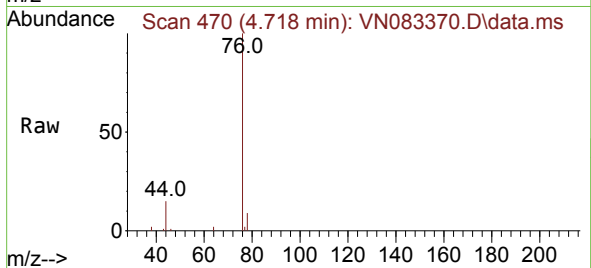
ClientSampleId :

Tgt Ion: 76 Resp: 78191

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



#18

Methyl Acetate

Concen: 21.887 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN083370.D

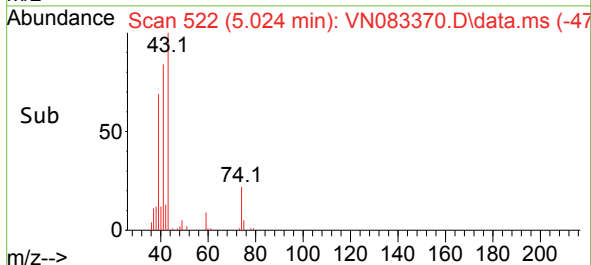
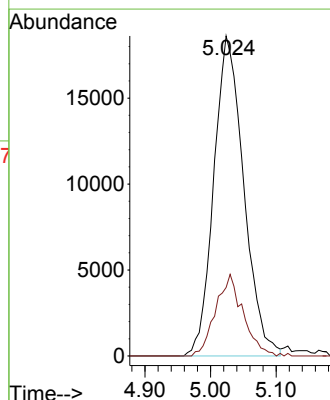
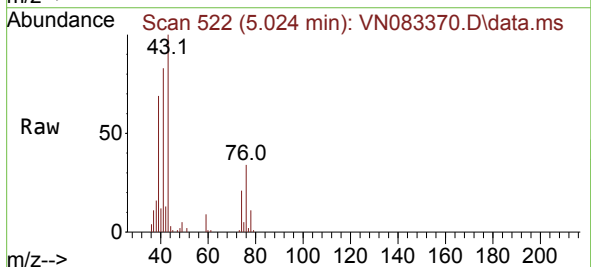
Acq: 19 Aug 2024 14:14

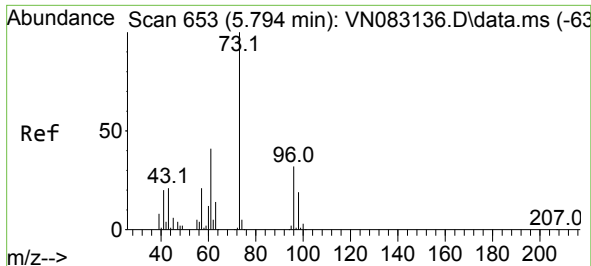
Tgt Ion: 43 Resp: 59002

Ion Ratio Lower Upper

43 100

74 23.4 16.3 24.5

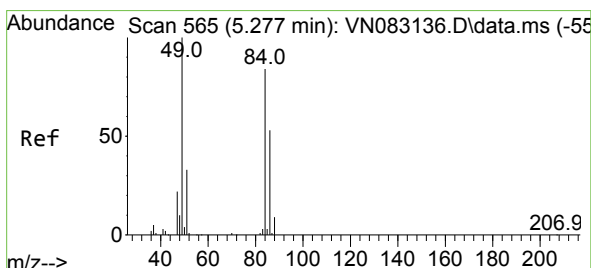
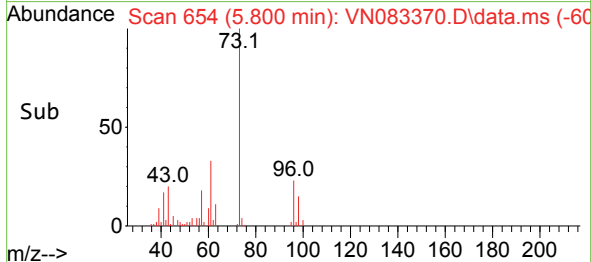
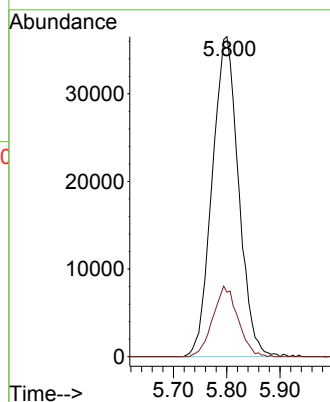
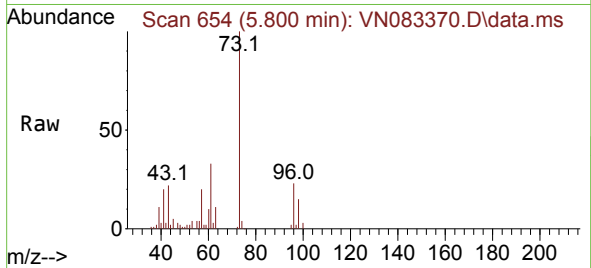




#19
Methyl tert-butyl Ether
Concen: 19.310 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

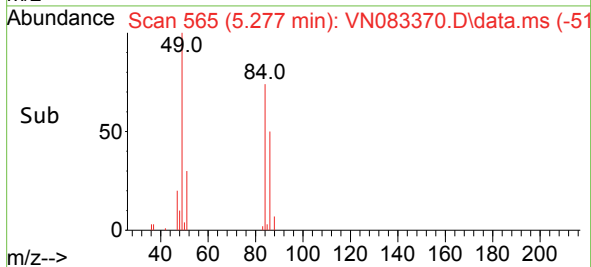
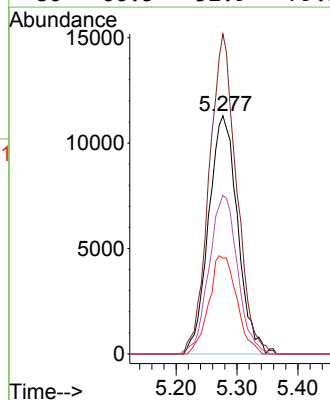
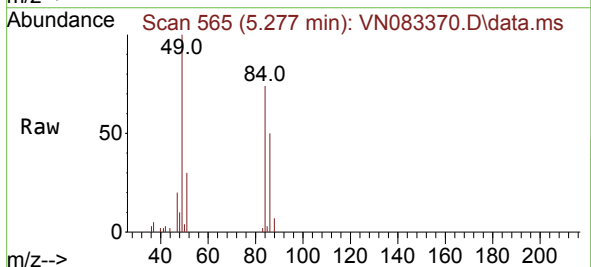
Instrument :
MSVOA_N
ClientSampleId :

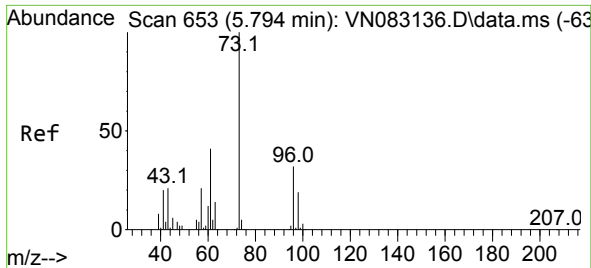
Tgt Ion: 73 Resp: 125513
Ion Ratio Lower Upper
73 100
57 20.2 17.9 26.9



#20
Methylene Chloride
Concen: 17.935 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

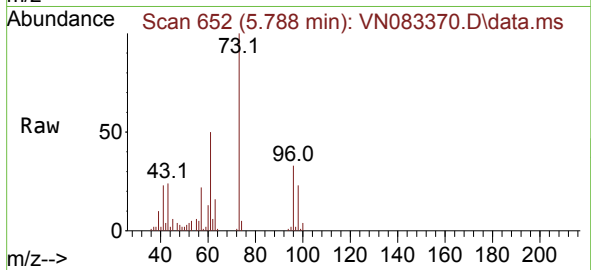
Tgt Ion: 84 Resp: 37348
Ion Ratio Lower Upper
84 100
49 134.3 119.6 179.4
51 40.1 34.8 52.2
86 66.5 52.9 79.3



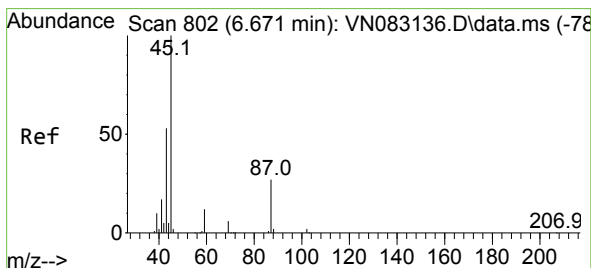
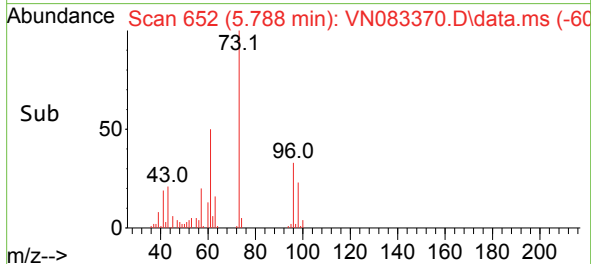
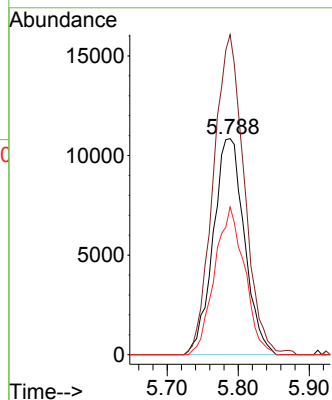


#21
trans-1,2-Dichloroethene
Concen: 17.783 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :

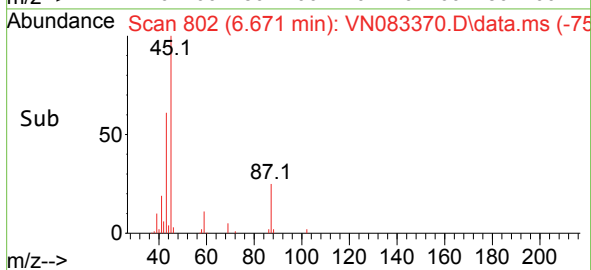
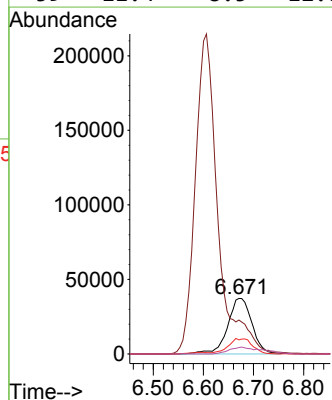
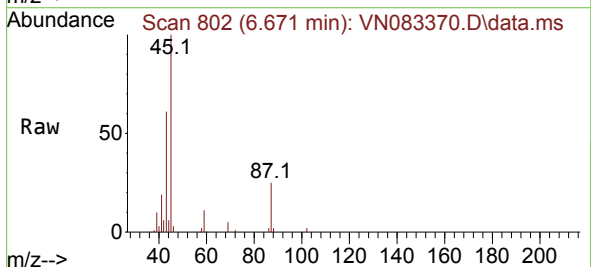


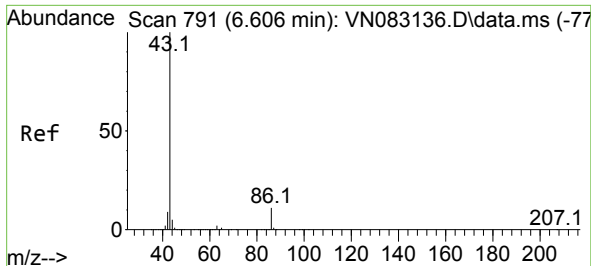
Tgt Ion: 96 Resp: 33098
Ion Ratio Lower Upper
96 100
61 148.2 123.4 185.2
98 68.4 49.3 73.9



#22
Diisopropyl ether
Concen: 19.629 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

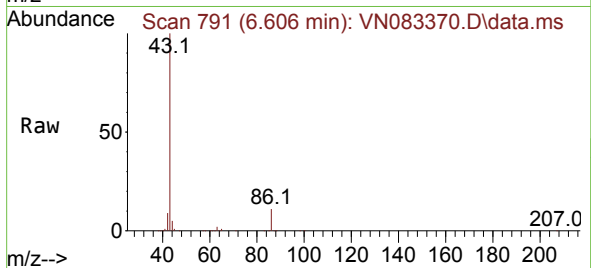
Tgt Ion: 45 Resp: 125566
Ion Ratio Lower Upper
45 100
43 58.1 44.0 66.0
87 25.5 19.7 29.5
59 11.4 8.5 12.7



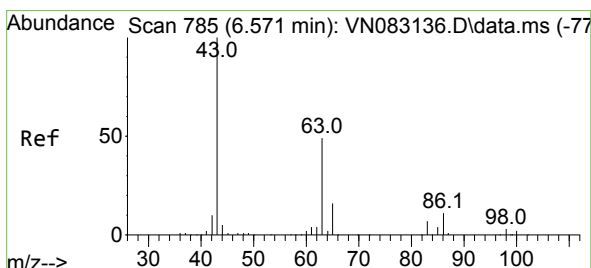
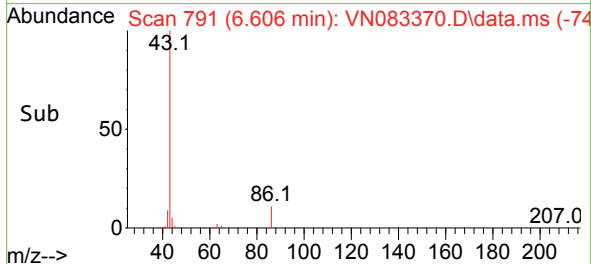
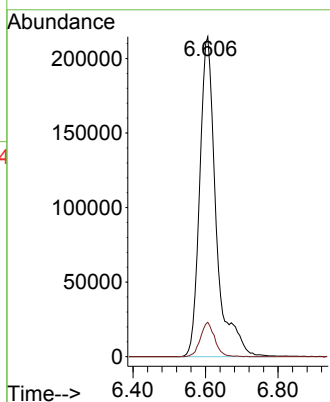


#23
 Vinyl Acetate
 Concen: 102.993 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN083370.D
 Acq: 19 Aug 2024 14:14

Instrument :
 MSVOA_N
 ClientSampleId :

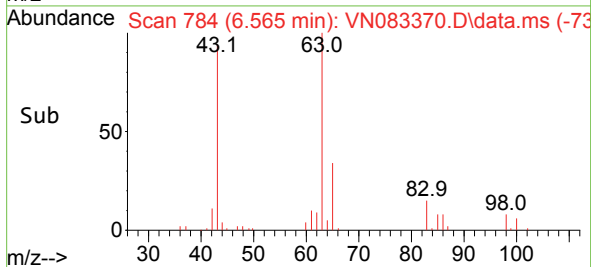
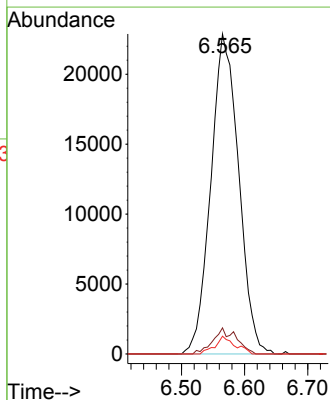
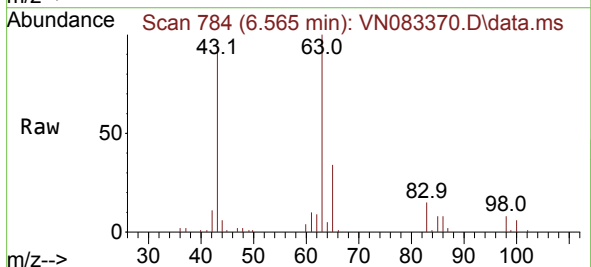


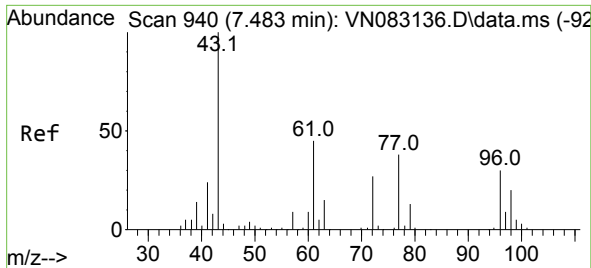
Tgt Ion: 43 Resp: 675293
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 20.086 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083370.D
 Acq: 19 Aug 2024 14:14

Tgt Ion: 63 Resp: 70035
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.9
 100 5.6 2.0 6.0

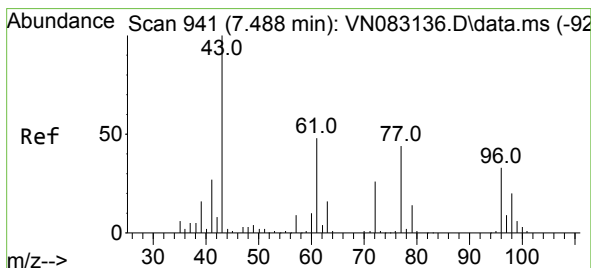
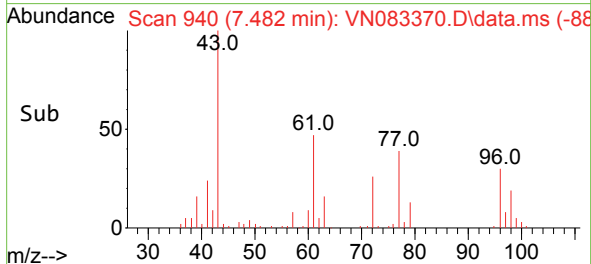
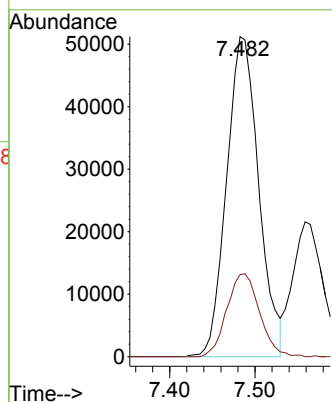
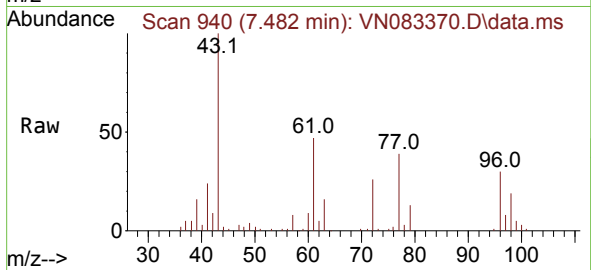




#25
2-Butanone
Concen: 96.756 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

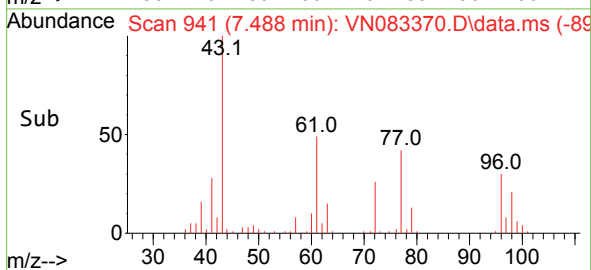
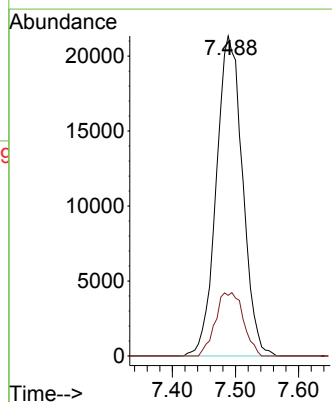
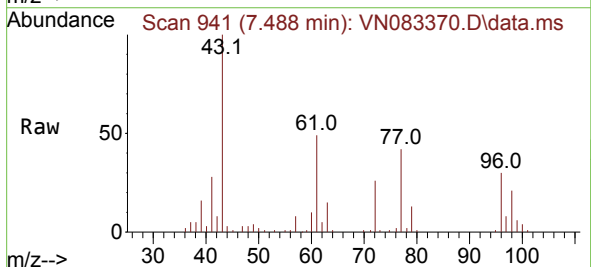
Instrument :
MSVOA_N
ClientSampleId :

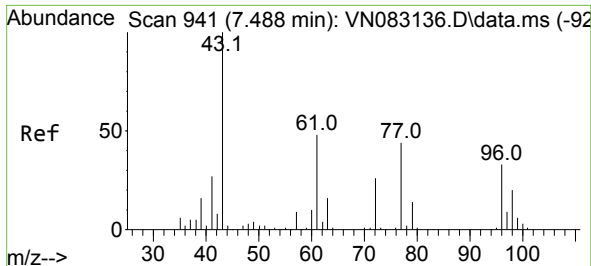
Tgt Ion: 43 Resp: 134423
Ion Ratio Lower Upper
43 100
72 25.7 18.2 27.2



#26
2,2-Dichloropropane
Concen: 19.030 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

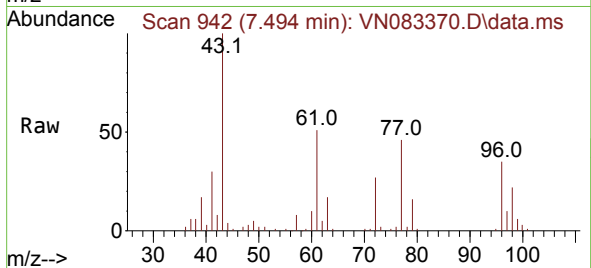
Tgt Ion: 77 Resp: 61621
Ion Ratio Lower Upper
77 100
97 21.0 10.3 30.9



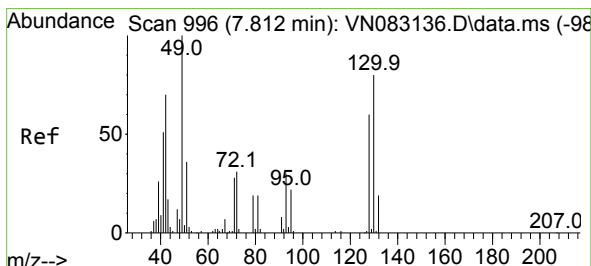
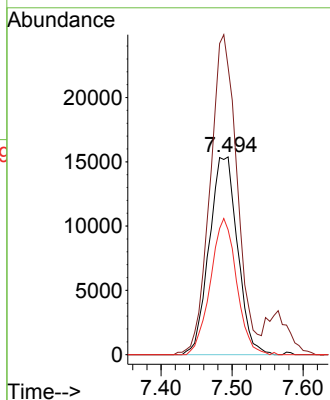
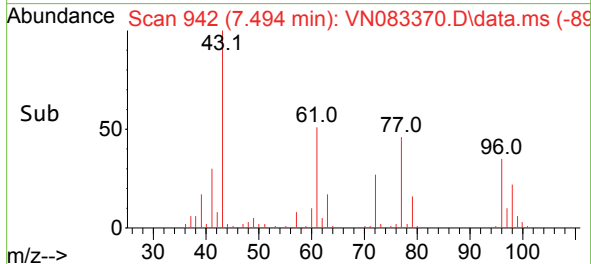


#27
cis-1,2-Dichloroethene
Concen: 18.953 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :

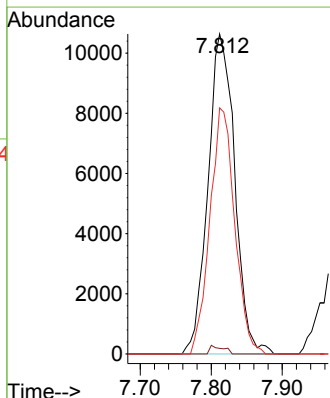
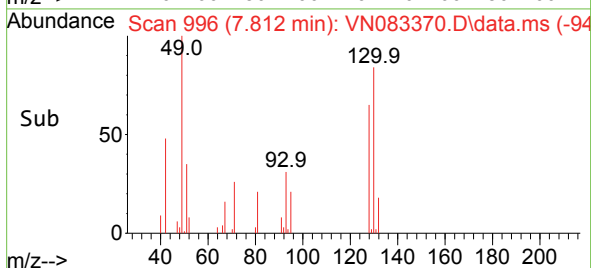
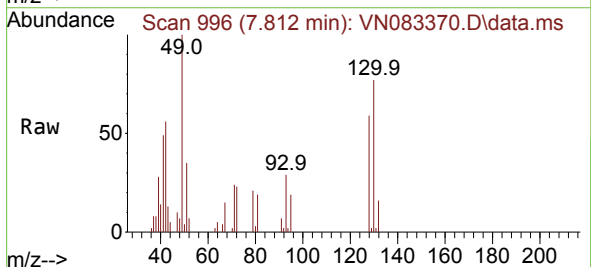


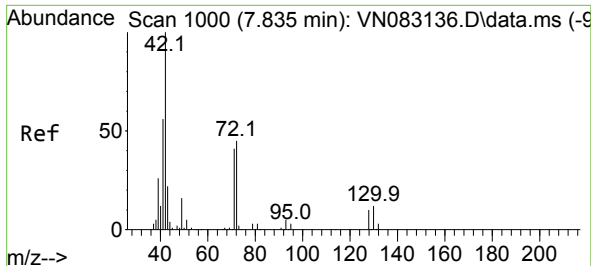
Tgt Ion: 96 Resp: 42567
Ion Ratio Lower Upper
96 100
61 154.8 0.0 329.6
98 63.7 0.0 128.6



#28
Bromochloromethane
Concen: 19.515 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Tgt Ion: 49 Resp: 27807
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.8
130 71.4 50.5 75.7





#29

Tetrahydrofuran

Concen: 97.199 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083370.D

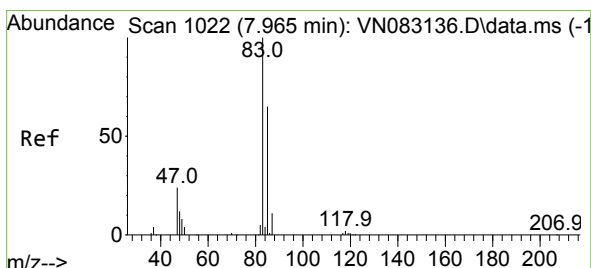
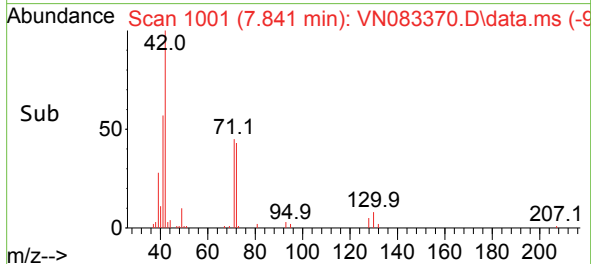
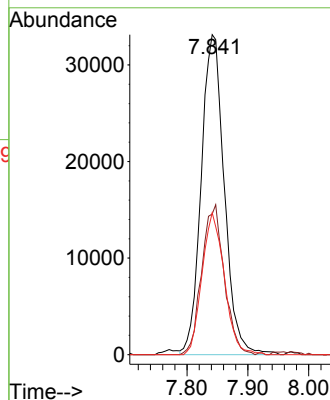
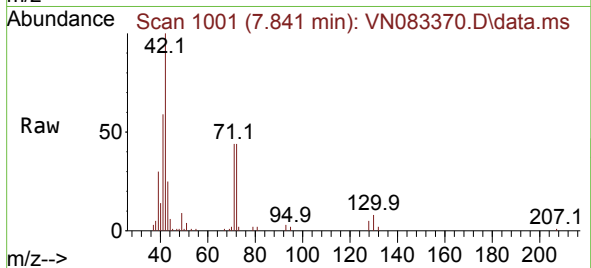
Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 42	Resp: 87293
Ion Ratio	Lower Upper
42	100
72	45.6 30.0 45.0#
71	42.9 28.3 42.5#



#30

Chloroform

Concen: 20.881 ug/l

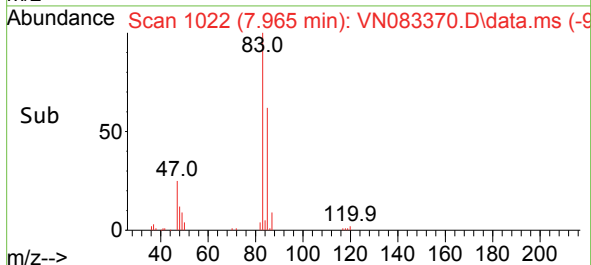
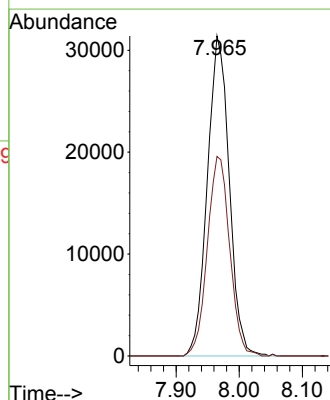
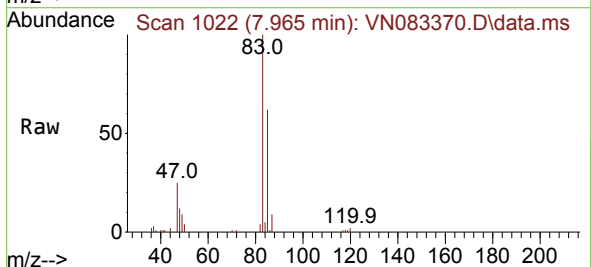
RT: 7.965 min Scan# 1022

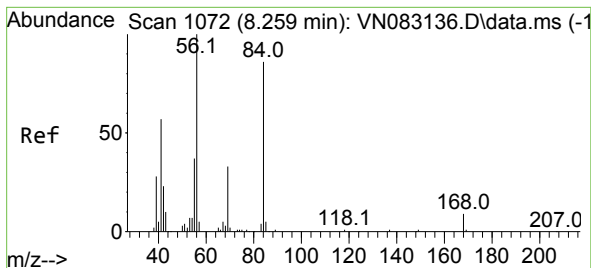
Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Tgt Ion: 83	Resp: 75639
Ion Ratio	Lower Upper
83	100
85	62.3 50.9 76.3





#31

Cyclohexane

Concen: 17.279 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

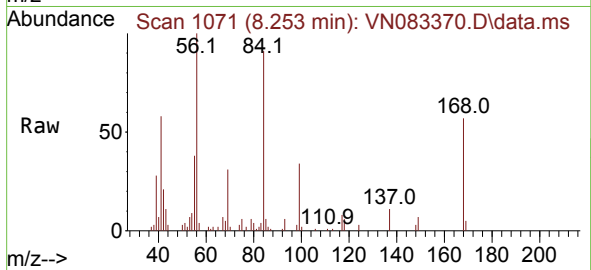
Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :



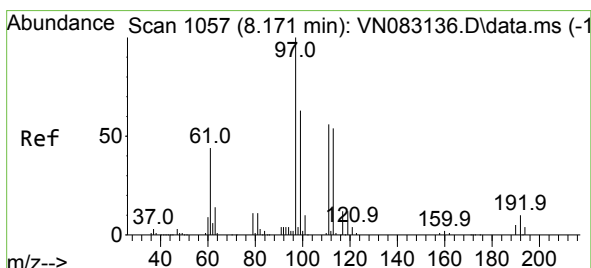
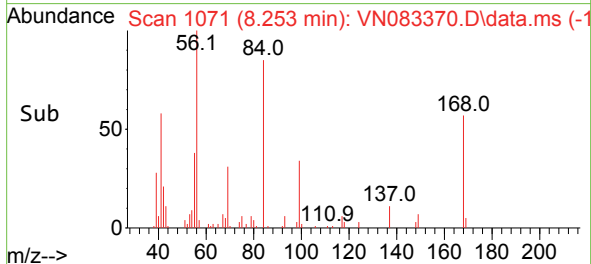
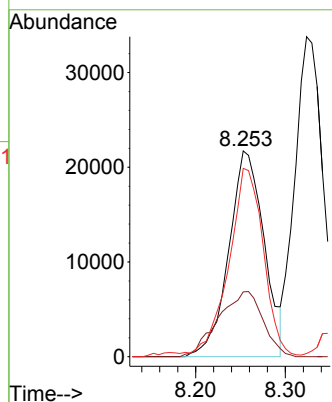
Tgt Ion: 56 Resp: 59209

Ion Ratio Lower Upper

56 100

69 31.5 24.5 36.7

84 89.9 66.0 99.0



#32

1,1,1-Trichloroethane

Concen: 20.393 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

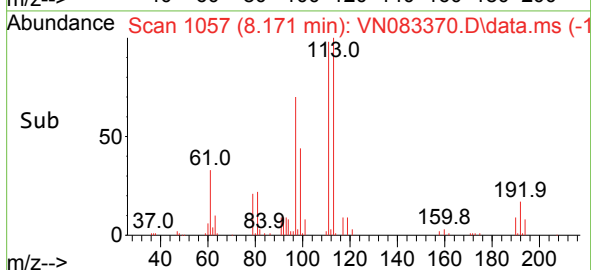
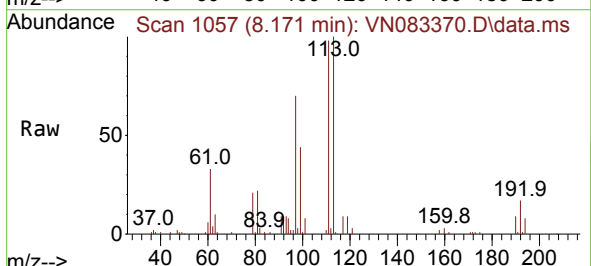
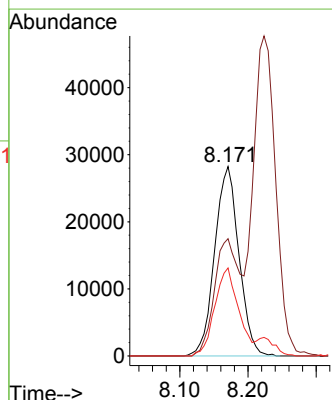
Tgt Ion: 97 Resp: 69922

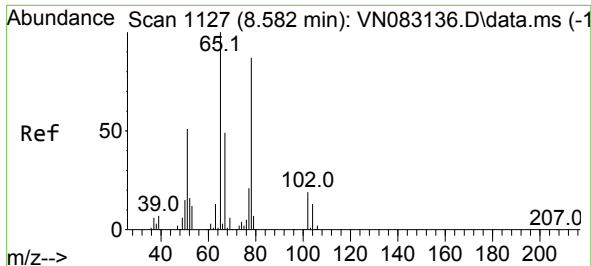
Ion Ratio Lower Upper

97 100

99 65.6 52.0 78.0

61 46.6 42.1 63.1

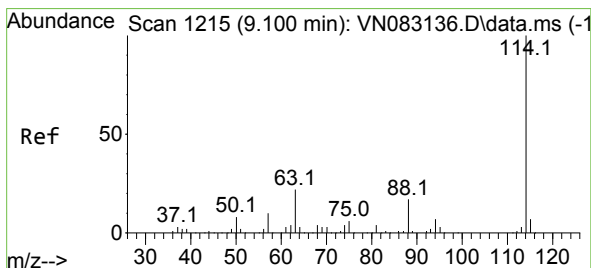
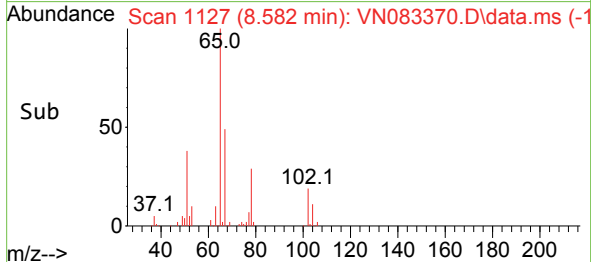
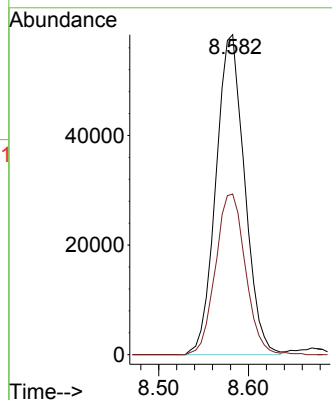
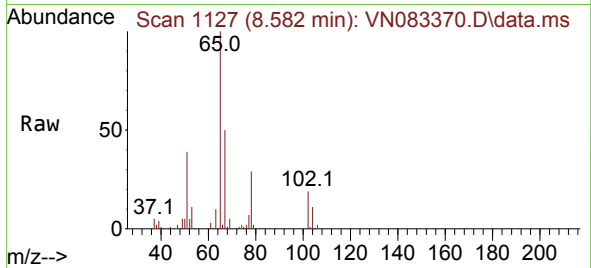




#33
1,2-Dichloroethane-d4
Concen: 56.044 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

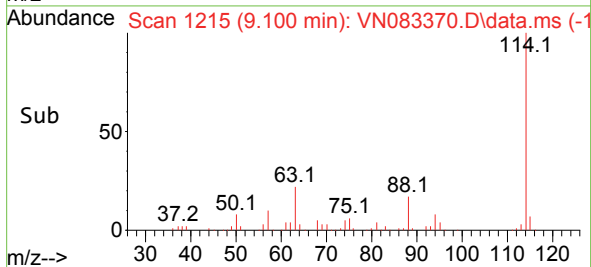
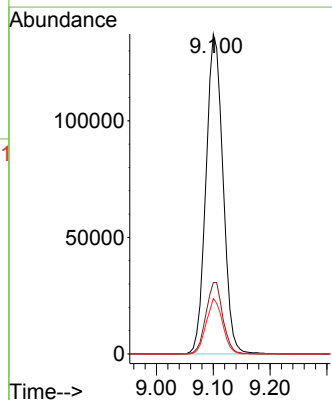
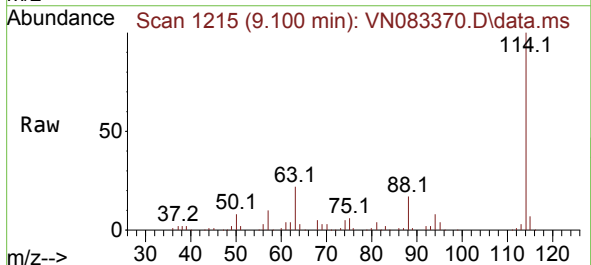
Instrument :
MSVOA_N
ClientSampleId :

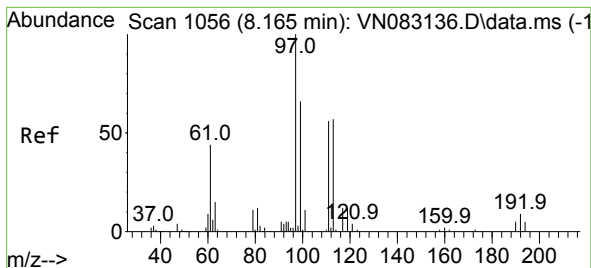
Tgt Ion: 65 Resp: 129591
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Tgt Ion: 114 Resp: 284677
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.6
88 17.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.160 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

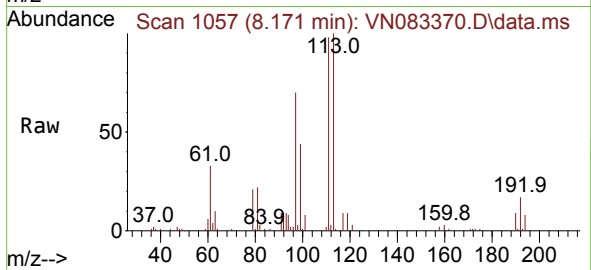
Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :



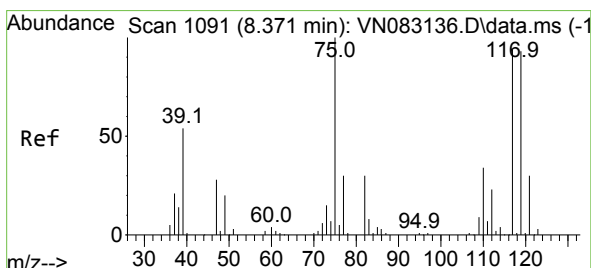
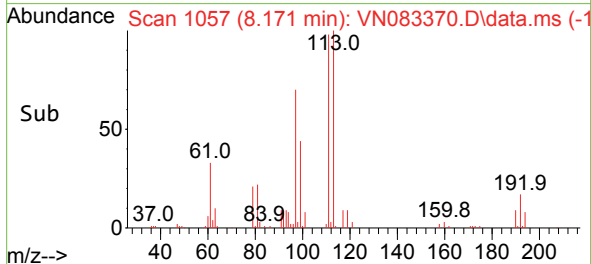
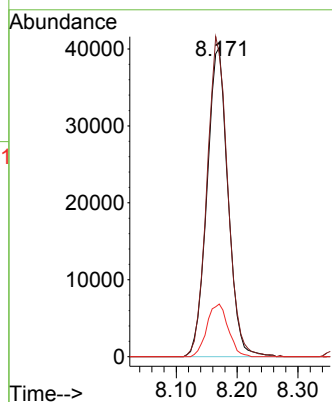
Tgt Ion:113 Resp: 96237

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 17.3 14.9 22.3



#36

1,1-Dichloropropene

Concen: 17.672 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

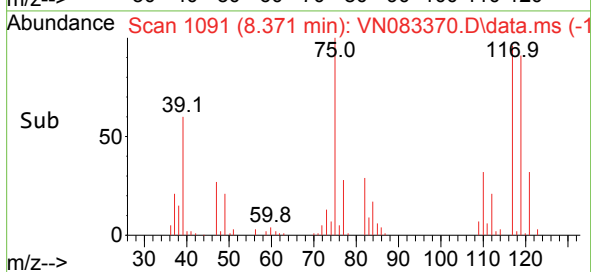
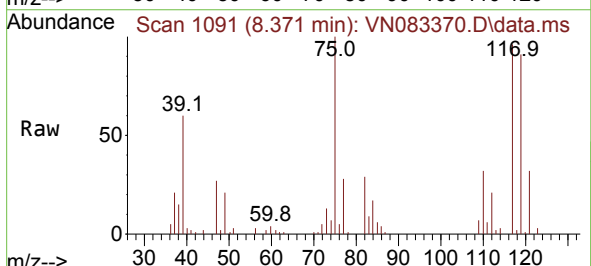
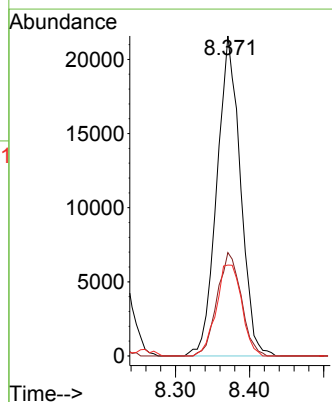
Tgt Ion: 75 Resp: 47501

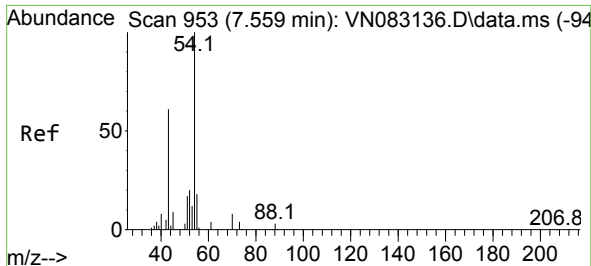
Ion Ratio Lower Upper

75 100

110 33.1 16.3 48.9

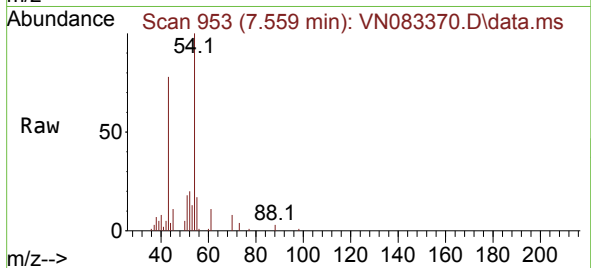
77 30.9 24.6 37.0



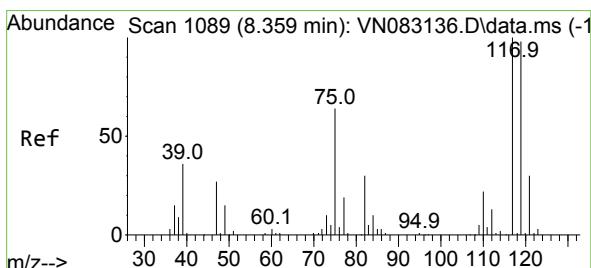
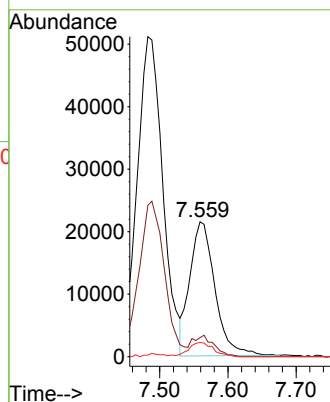
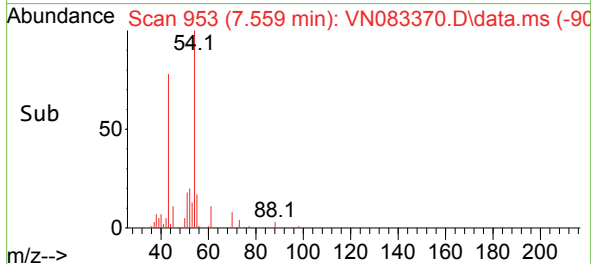


#37
Ethyl Acetate
Concen: 18.209 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :

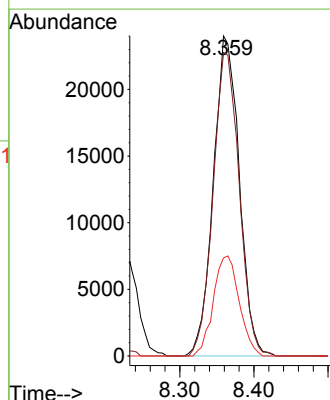
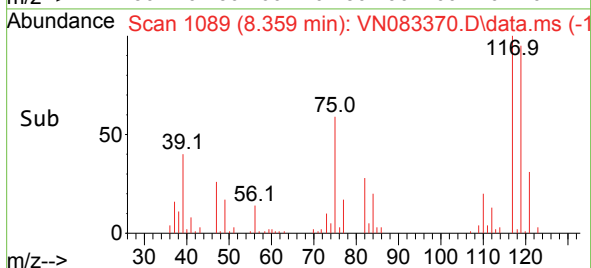
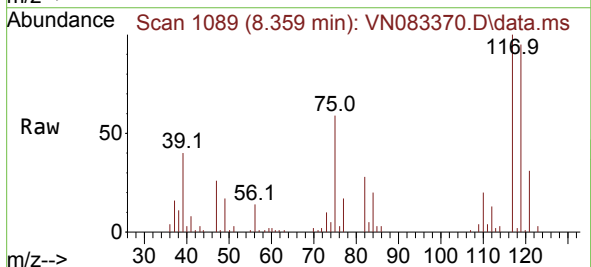


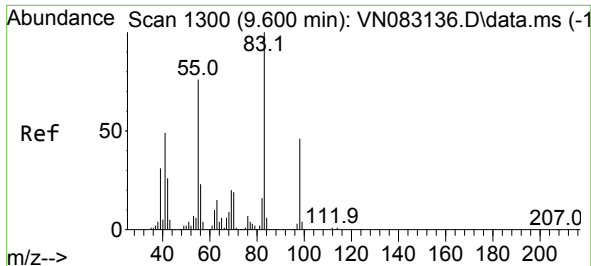
Tgt Ion: 43 Resp: 54801
Ion Ratio Lower Upper
43 100
61 13.3 9.3 13.9
70 10.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.269 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

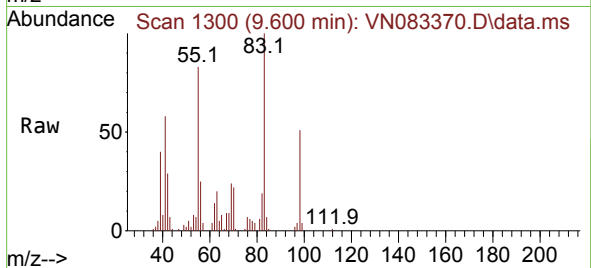
Tgt Ion: 117 Resp: 58337
Ion Ratio Lower Upper
117 100
119 94.9 74.9 112.3
121 30.7 24.3 36.5



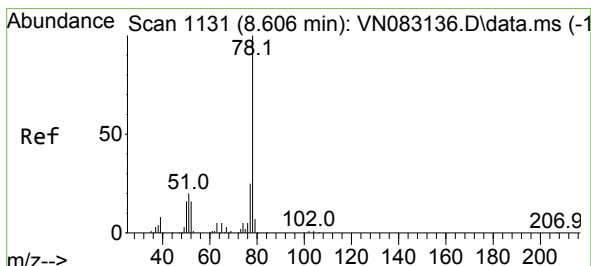
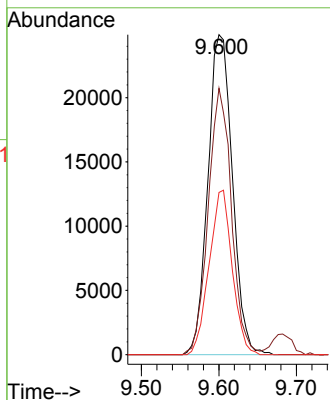
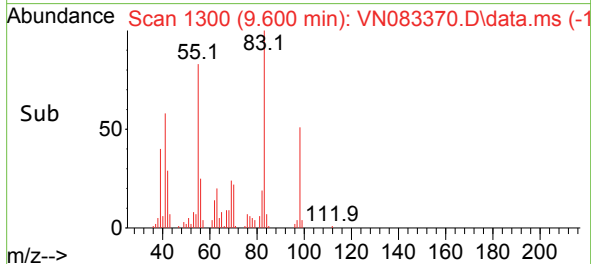


#39
Methylcyclohexane
Concen: 16.617 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :

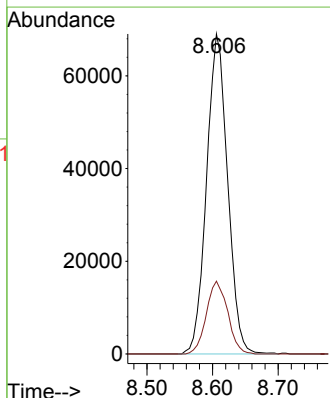
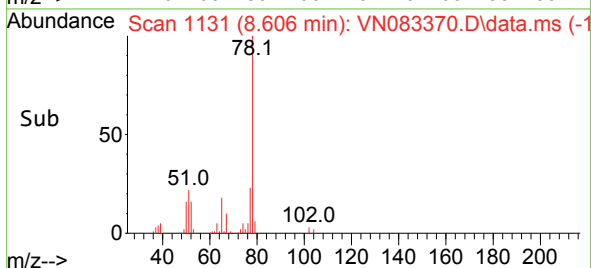
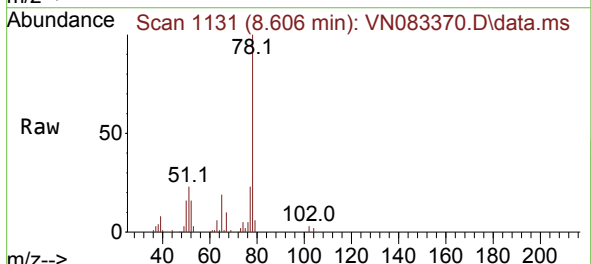


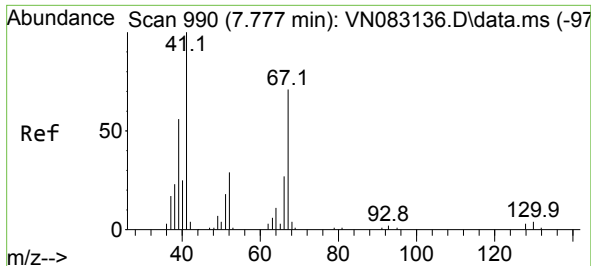
Tgt Ion: 83 Resp: 54862
Ion Ratio Lower Upper
83 100
55 83.3 66.4 99.6
98 50.7 40.7 61.1



#40
Benzene
Concen: 19.255 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Tgt Ion: 78 Resp: 154182
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4

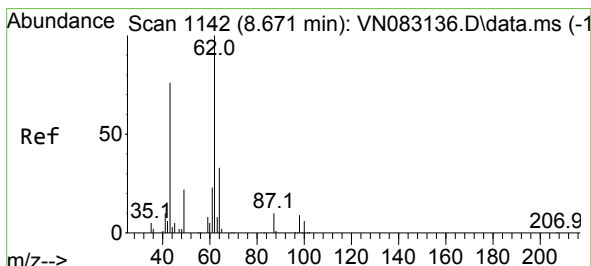
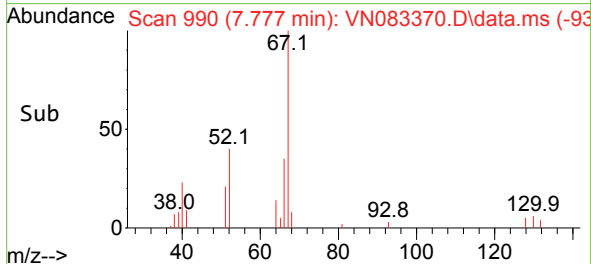
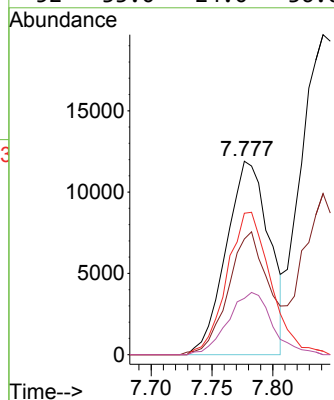
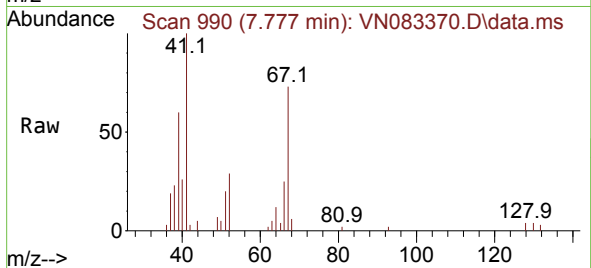




#41
Methacrylonitrile
Concen: 17.126 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

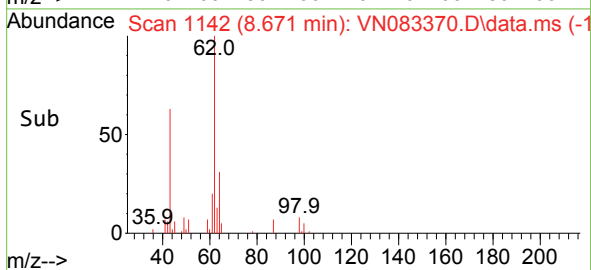
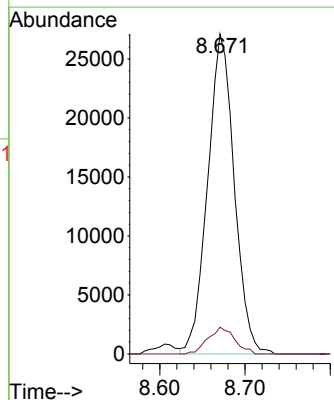
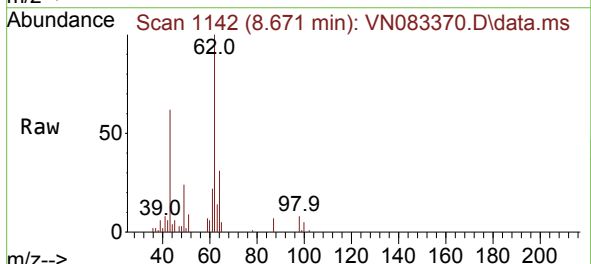
Instrument :
MSVOA_N
ClientSampleId :

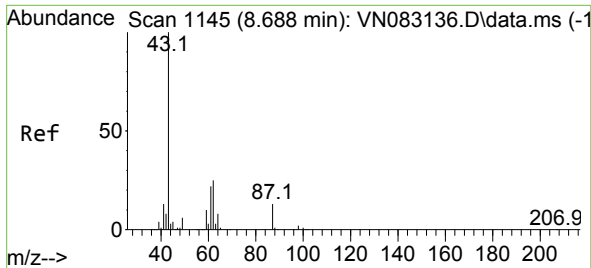
Tgt Ion:	41	Resp:	29307
Ion	Ratio	Lower	Upper
41	100		
39	59.0	45.5	68.3
67	74.5	50.5	75.7
52	33.0	24.0	36.0



#42
1,2-Dichloroethane
Concen: 20.177 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

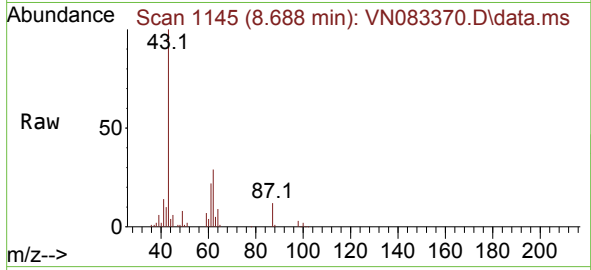
Tgt Ion:	62	Resp:	58855
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8



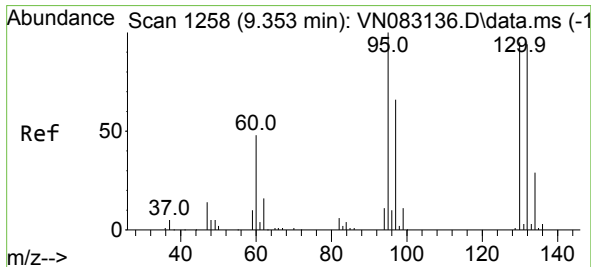
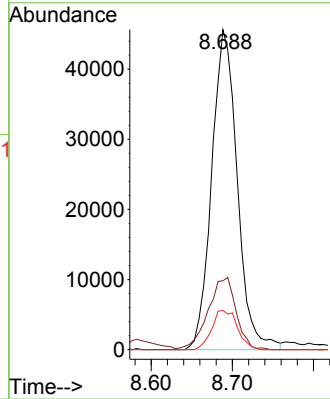
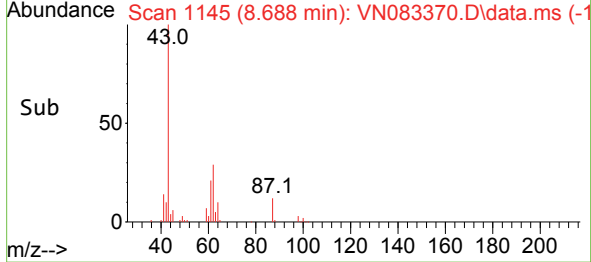


#43
Isopropyl Acetate
Concen: 17.725 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :

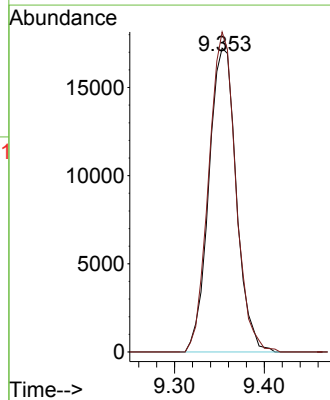
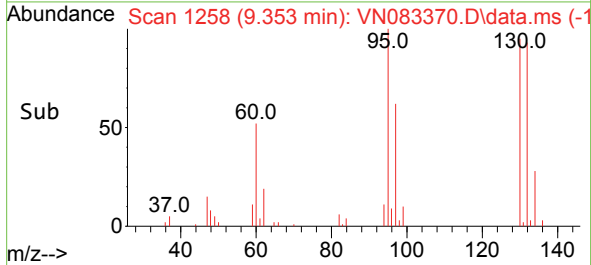
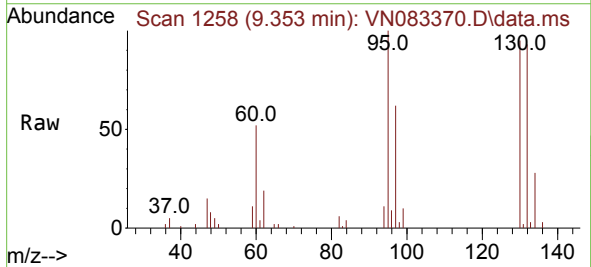


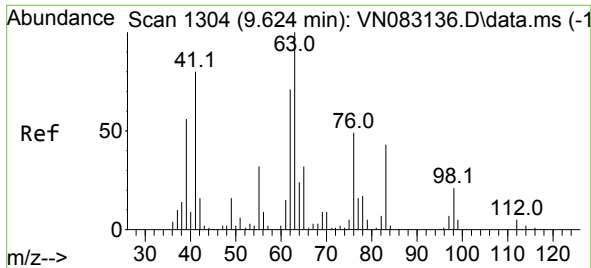
Tgt Ion: 43 Resp: 100017
Ion Ratio Lower Upper
43 100
61 24.7 17.8 26.6
87 12.3 8.2 12.2#



#44
Trichloroethene
Concen: 19.197 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Tgt Ion:130 Resp: 36588
Ion Ratio Lower Upper
130 100
95 105.3 0.0 197.8

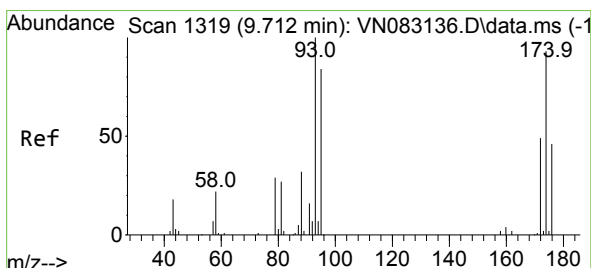
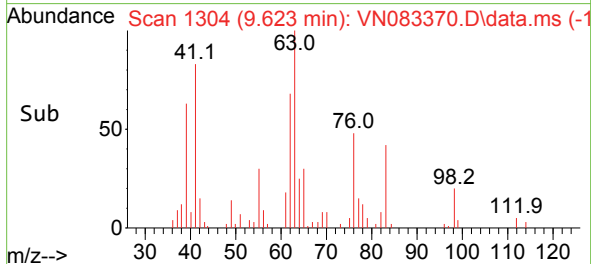
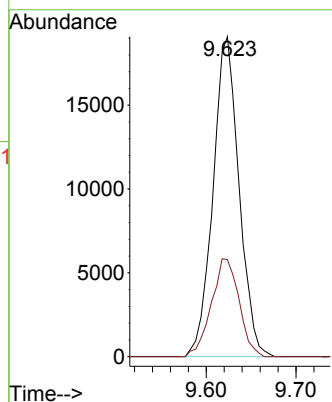
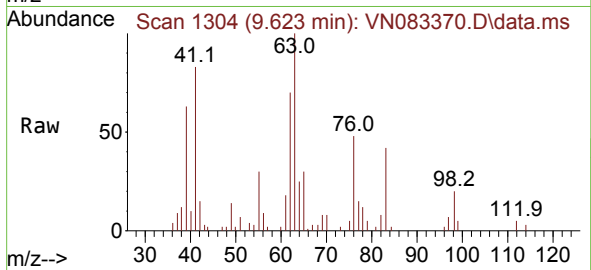




#45
1,2-Dichloropropane
Concen: 20.182 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

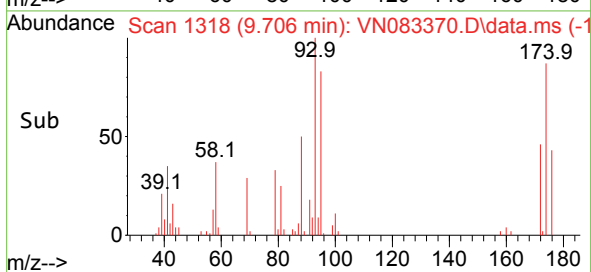
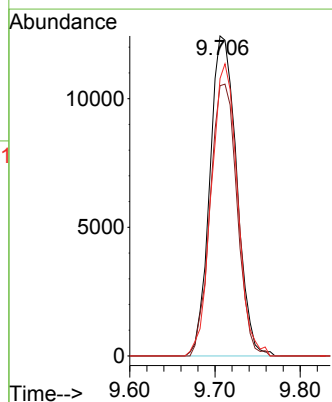
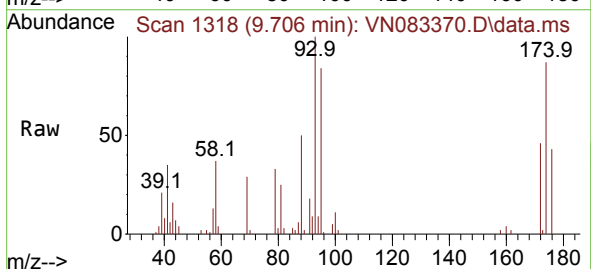
Instrument :
MSVOA_N
ClientSampleId :

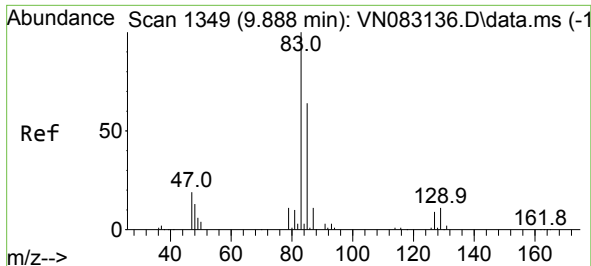
Tgt Ion: 63 Resp: 38361
Ion Ratio Lower Upper
63 100
65 30.4 24.4 36.6



#46
Dibromomethane
Concen: 19.965 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Tgt Ion: 93 Resp: 27162
Ion Ratio Lower Upper
93 100
95 85.1 65.8 98.6
174 88.7 71.7 107.5





#47

Bromodichloromethane

Concen: 19.880 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

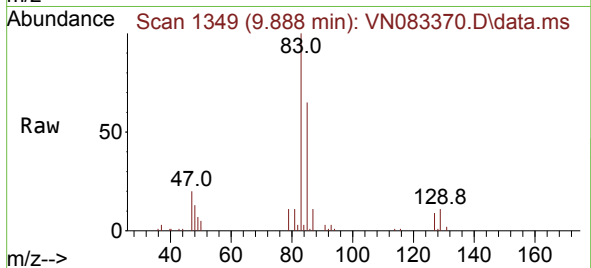
Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :



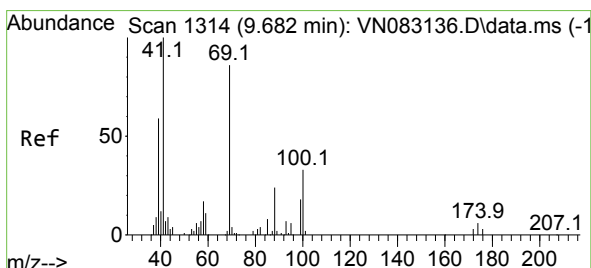
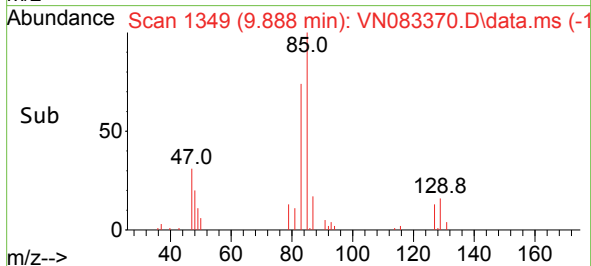
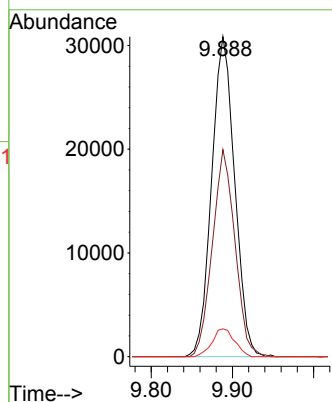
Tgt Ion: 83 Resp: 60730

Ion Ratio Lower Upper

83 100

85 64.7 51.1 76.7

127 8.7 7.2 10.8



#48

Methyl methacrylate

Concen: 17.800 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

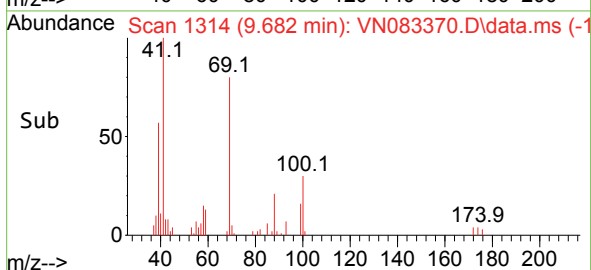
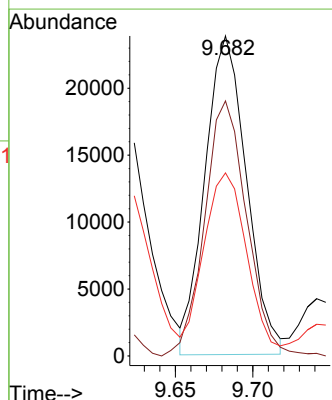
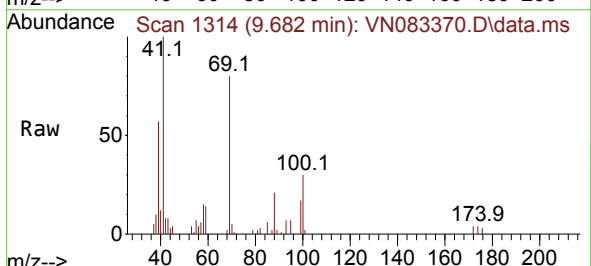
Tgt Ion: 41 Resp: 44290

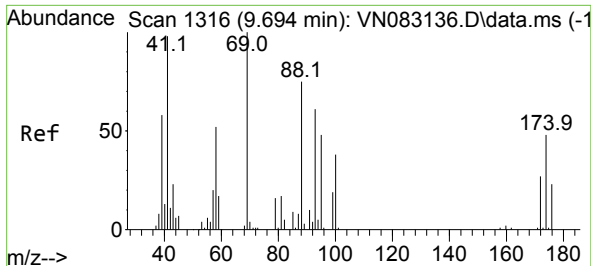
Ion Ratio Lower Upper

41 100

69 81.5 56.3 84.5

39 60.2 50.3 75.5





#49

1,4-Dioxane

Concen: 389.559 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

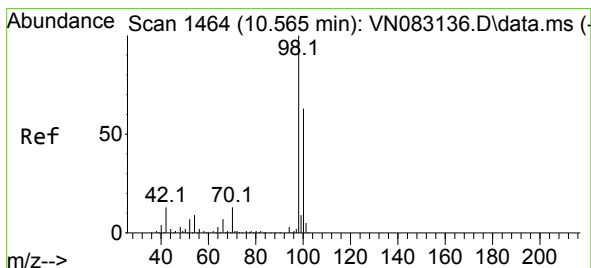
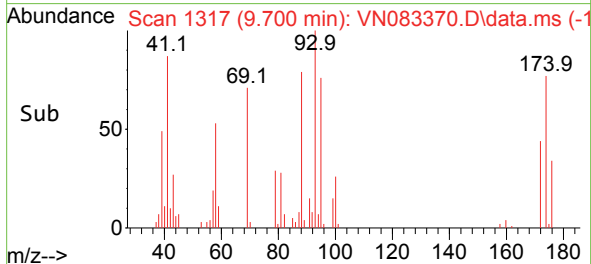
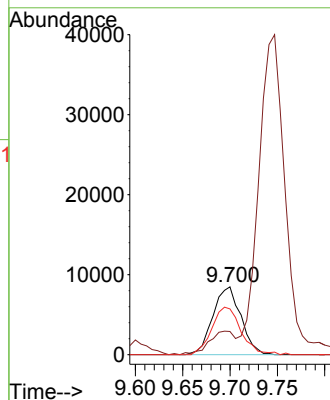
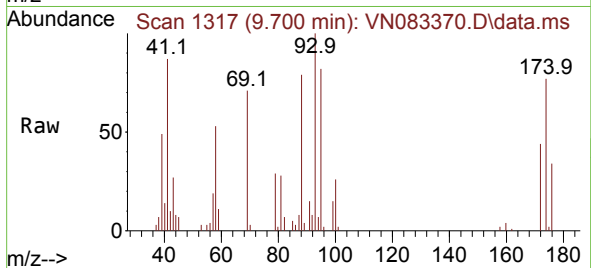
Tgt Ion: 88 Resp: 17487

Ion Ratio Lower Upper

88 100

43 31.9 27.8 41.8

58 73.1 59.4 89.0



#50

Toluene-d8

Concen: 53.348 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.005 min

Lab File: VN083370.D

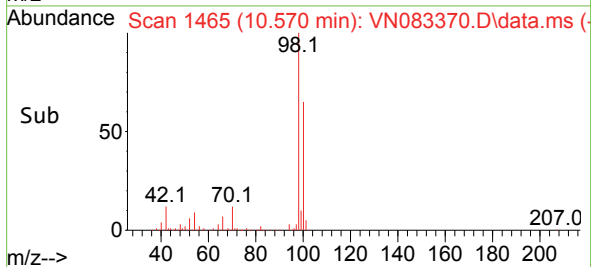
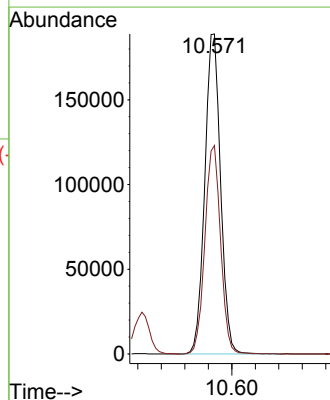
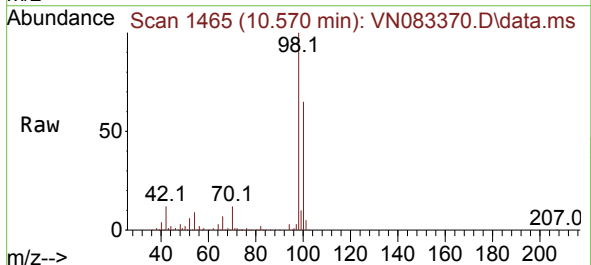
Acq: 19 Aug 2024 14:14

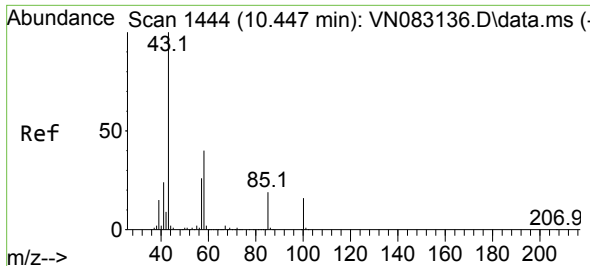
Tgt Ion: 98 Resp: 353604

Ion Ratio Lower Upper

98 100

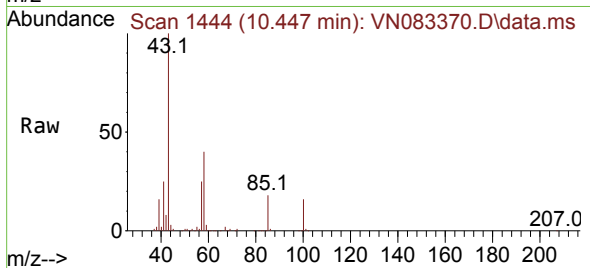
100 64.7 51.5 77.3



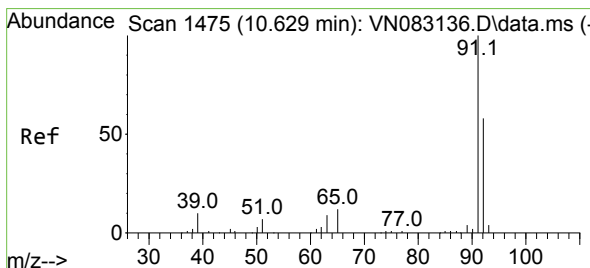
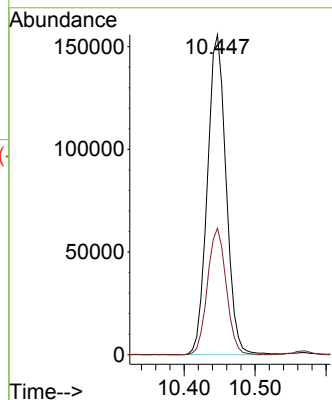
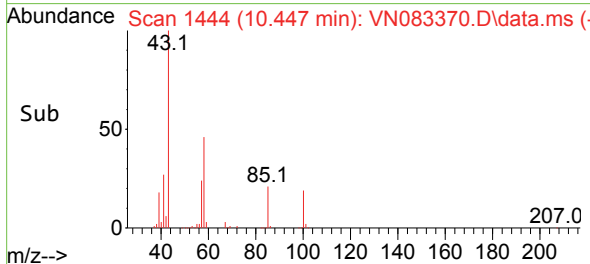


#51
4-Methyl-2-Pentanone
Concen: 100.349 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :

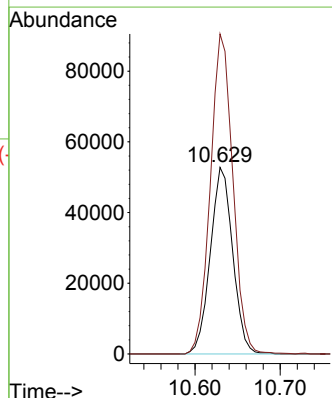
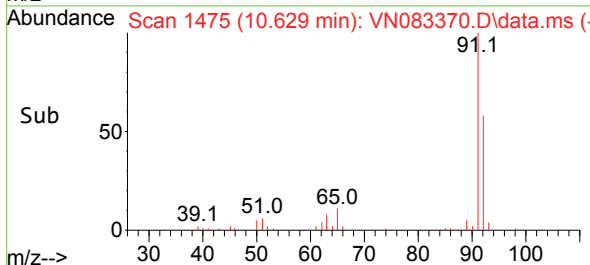
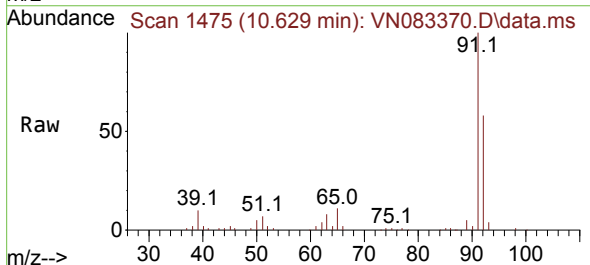


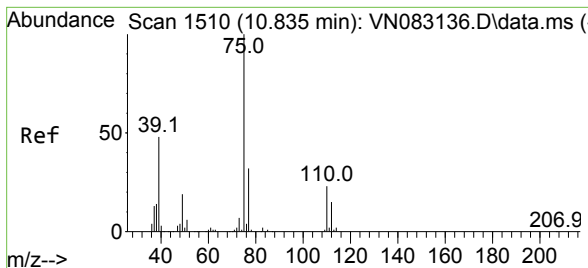
Tgt Ion: 43 Resp: 285593
Ion Ratio Lower Upper
43 100
58 39.5 28.2 42.4



#52
Toluene
Concen: 19.088 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Tgt Ion: 92 Resp: 96572
Ion Ratio Lower Upper
92 100
91 172.1 139.4 209.0

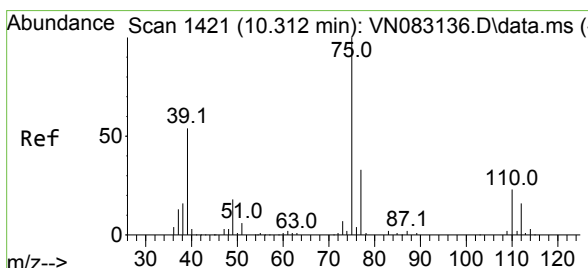
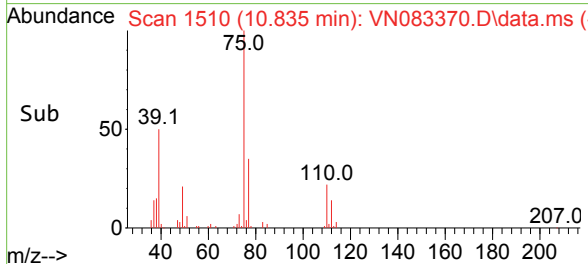
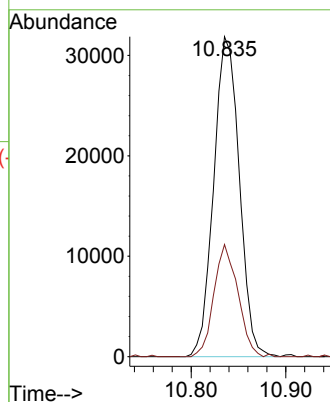
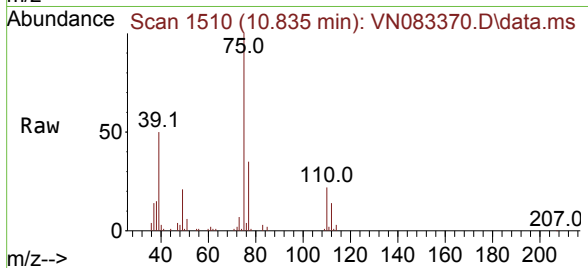




#53
 t-1,3-Dichloropropene
 Concen: 19.077 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN083370.D
 Acq: 19 Aug 2024 14:14

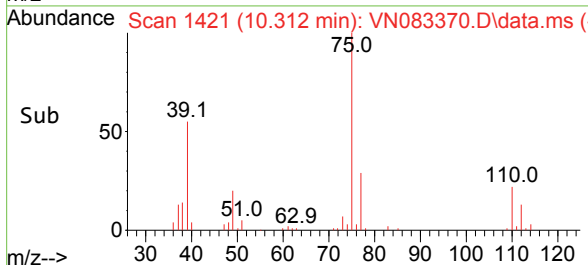
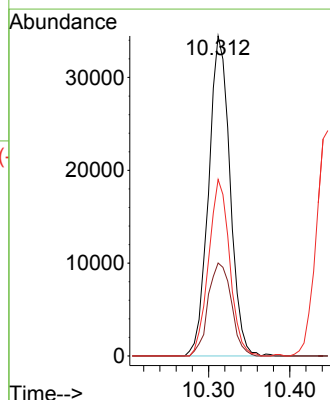
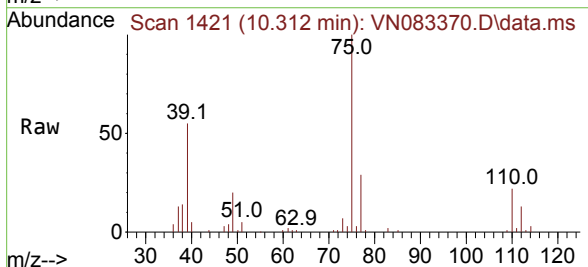
Instrument :
 MSVOA_N
 ClientSampleId :

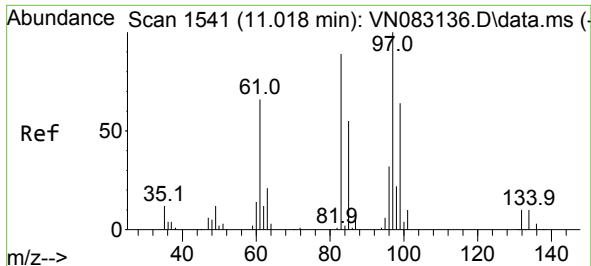
Tgt Ion: 75 Resp: 59863
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 18.911 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083370.D
 Acq: 19 Aug 2024 14:14

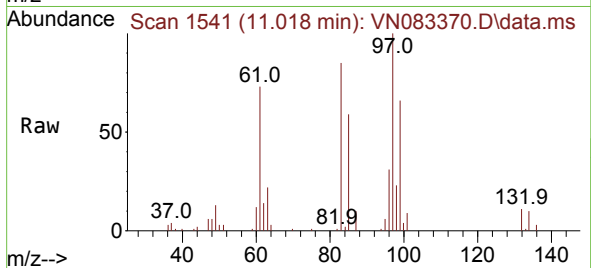
Tgt Ion: 75 Resp: 63119
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.3 36.5
 39 55.2 50.5 75.7



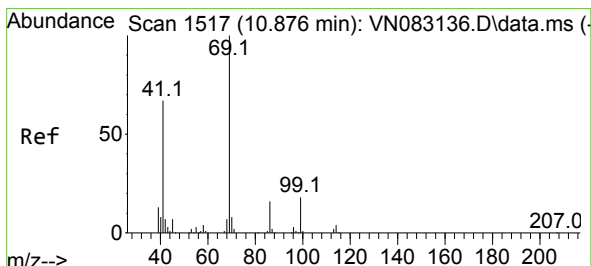
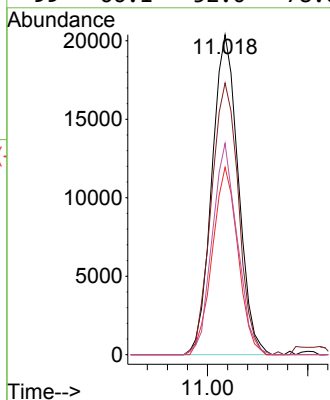
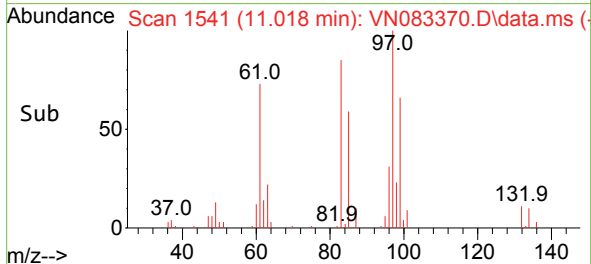


#55
 1,1,2-Trichloroethane
 Concen: 20.508 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN083370.D
 Acq: 19 Aug 2024 14:14

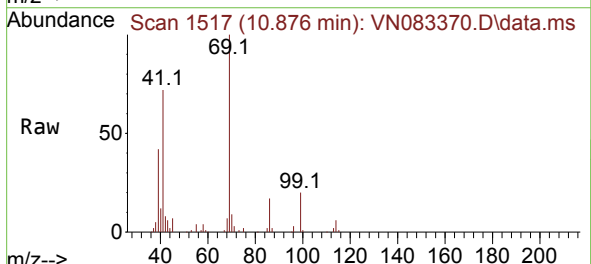
Instrument :
 MSVOA_N
 ClientSampleId :



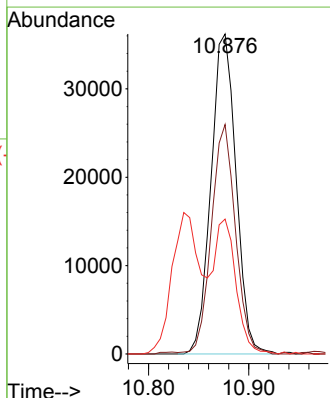
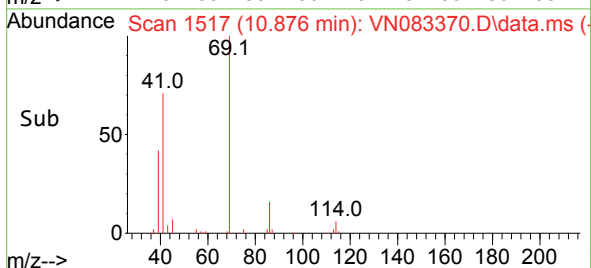
Tgt Ion:	97	Resp:	37184
Ion	Ratio	Lower	Upper
97	100		
83	84.9	71.4	107.0
85	58.5	45.8	68.6
99	66.1	52.0	78.0

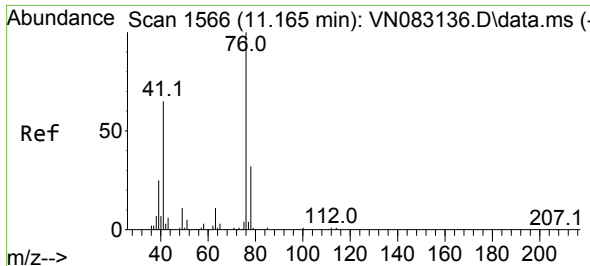


#56
 Ethyl methacrylate
 Concen: 18.335 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN083370.D
 Acq: 19 Aug 2024 14:14



Tgt Ion:	69	Resp:	62670
Ion	Ratio	Lower	Upper
69	100		
41	69.6	63.4	95.2
39	36.8	37.4	56.0





#57

1,3-Dichloropropane

Concen: 20.046 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

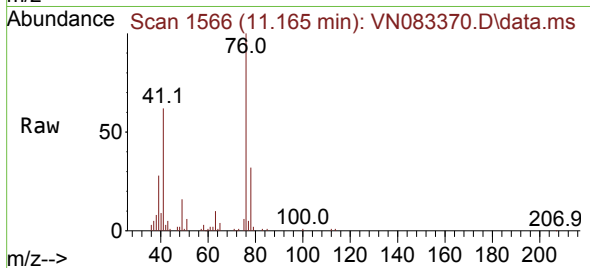
Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

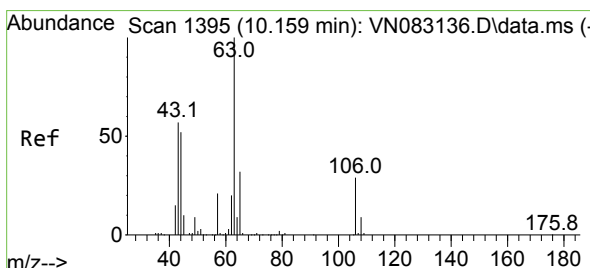
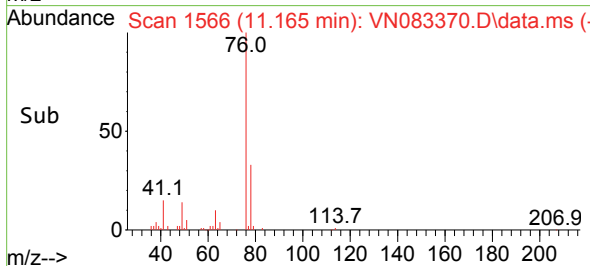
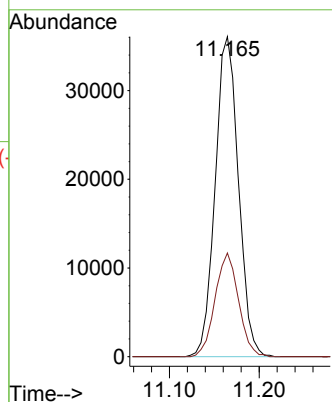


Tgt Ion: 76 Resp: 64783

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.148 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083370.D

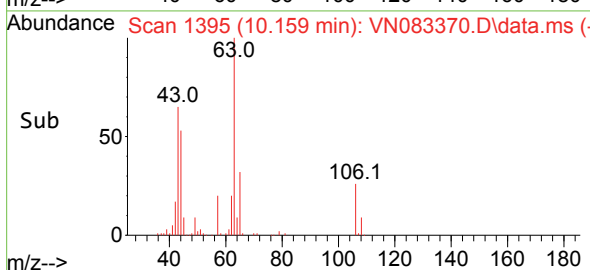
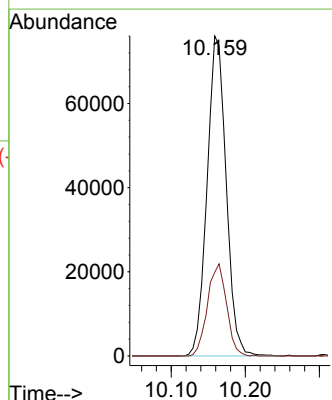
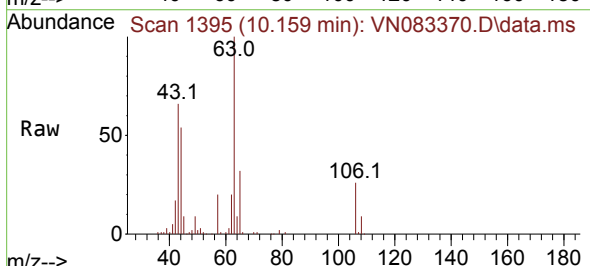
Acq: 19 Aug 2024 14:14

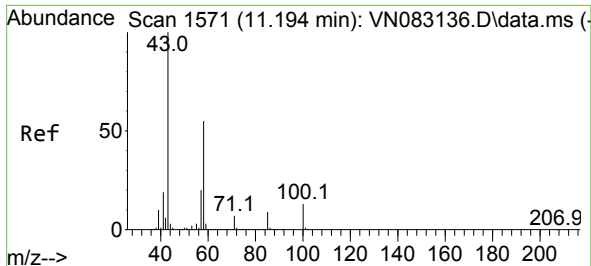
Tgt Ion: 63 Resp: 136029

Ion Ratio Lower Upper

63 100

106 28.7 21.4 32.0

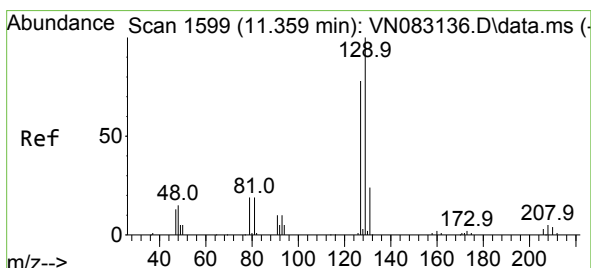
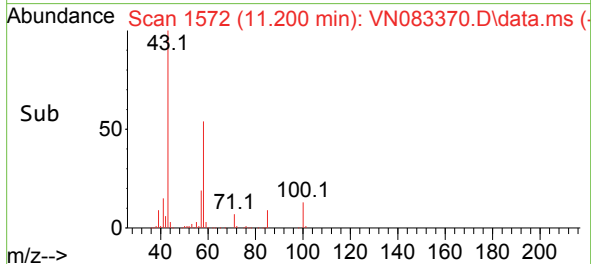
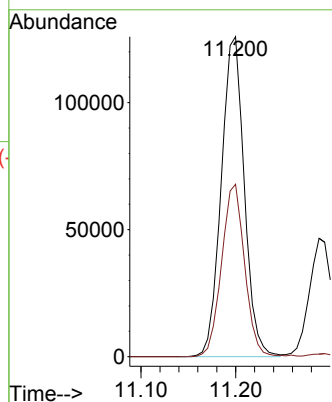
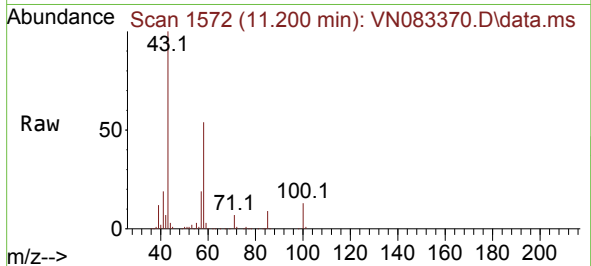




#59
2-Hexanone
Concen: 96.806 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

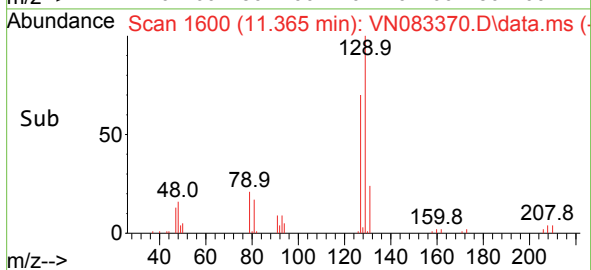
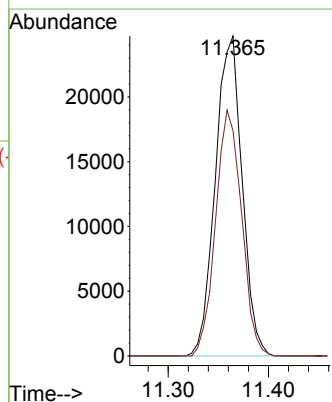
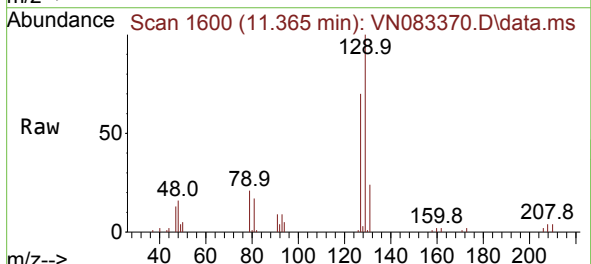
Instrument :
MSVOA_N
ClientSampleId :

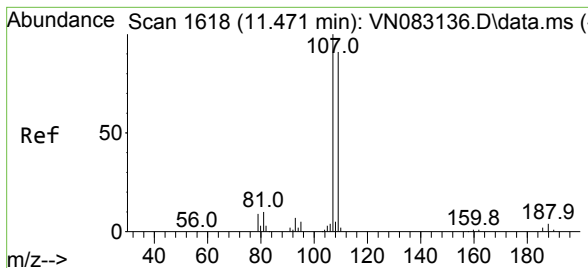
Tgt Ion: 43 Resp: 213145
Ion Ratio Lower Upper
43 100
58 53.8 24.6 73.8



#60
Dibromochloromethane
Concen: 20.920 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Tgt Ion: 129 Resp: 45859
Ion Ratio Lower Upper
129 100
127 74.7 39.2 117.6

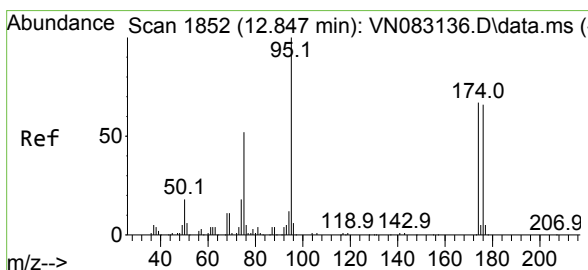
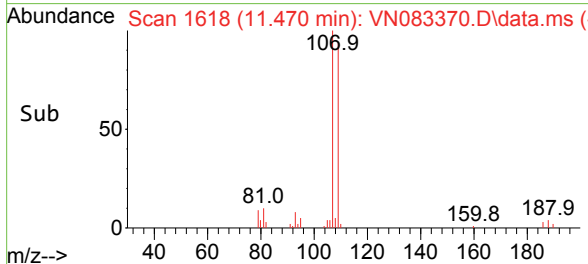
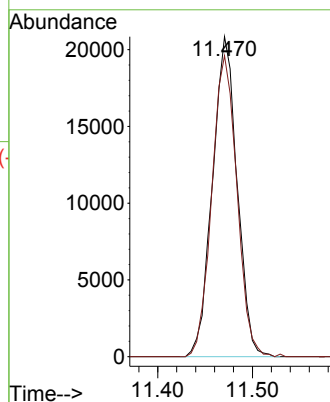
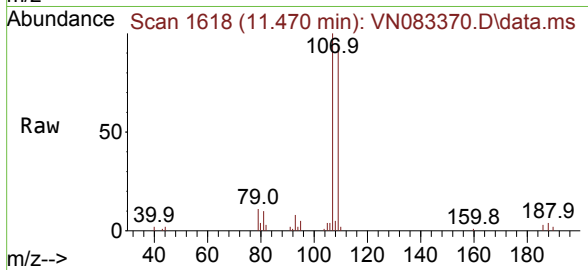




#61
1,2-Dibromoethane
Concen: 19.795 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

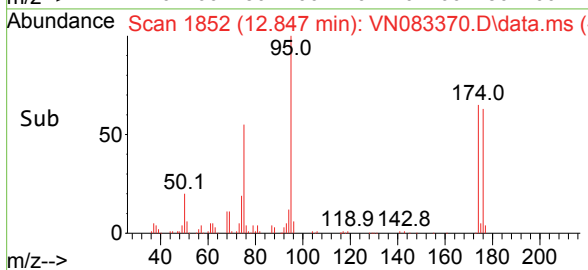
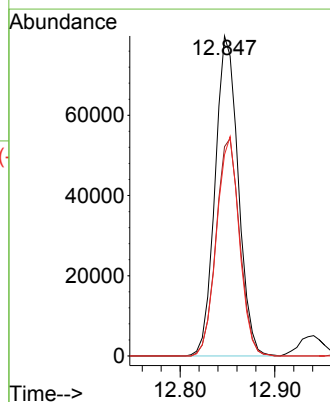
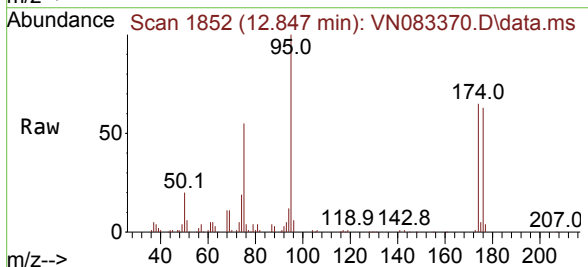
Instrument :
MSVOA_N
ClientSampleId :

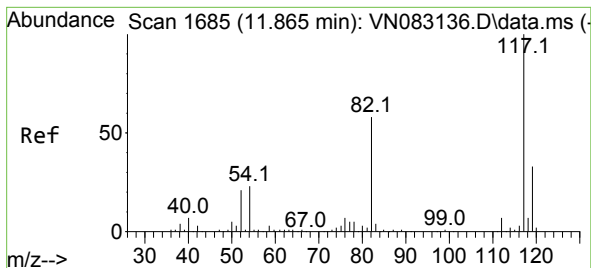
Tgt Ion:107 Resp: 37704
Ion Ratio Lower Upper
107 100
109 95.8 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 52.403 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Tgt Ion: 95 Resp: 135412
Ion Ratio Lower Upper
95 100
174 69.2 0.0 159.2
176 67.5 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: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

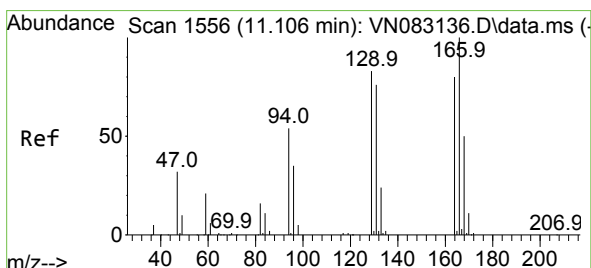
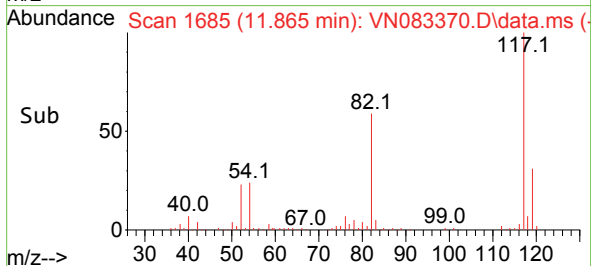
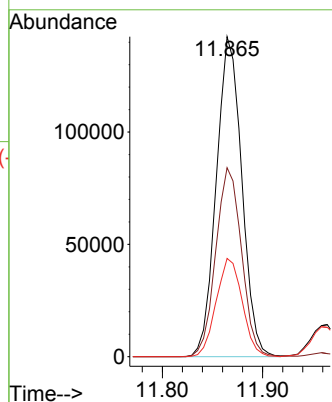
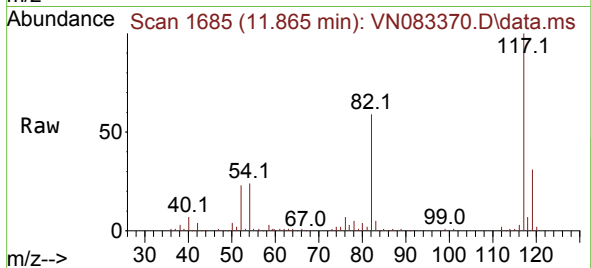
Tgt Ion:117 Resp: 251348

Ion Ratio Lower Upper

117 100

82 59.1 47.5 71.3

119 30.7 25.6 38.4



#64

Tetrachloroethene

Concen: 19.086 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Tgt Ion:164 Resp: 31771

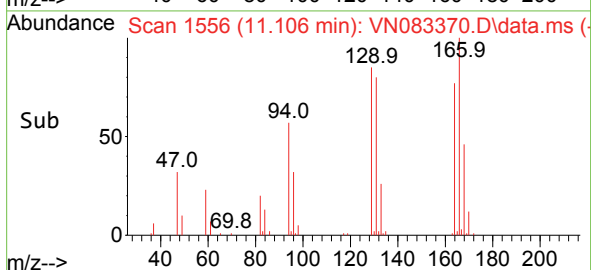
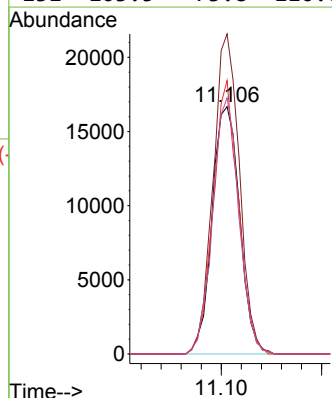
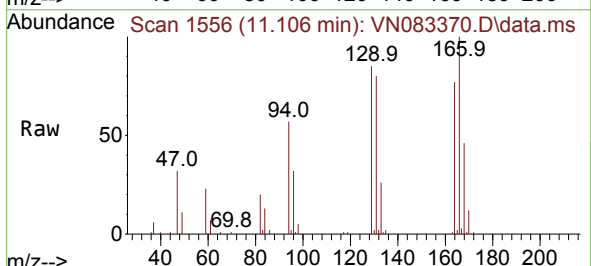
Ion Ratio Lower Upper

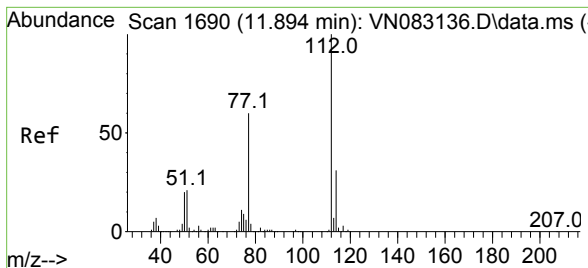
164 100

166 129.4 101.4 152.0

129 110.6 75.7 113.5

131 103.5 73.8 110.6

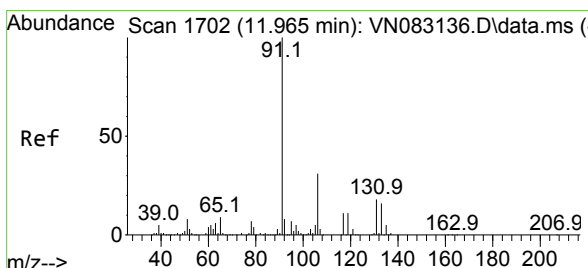
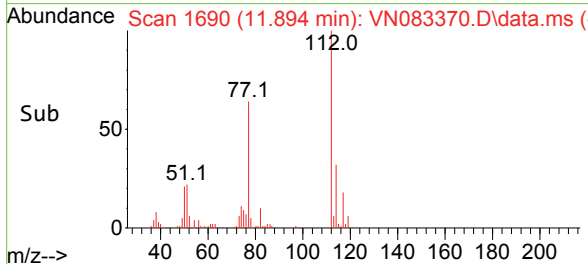
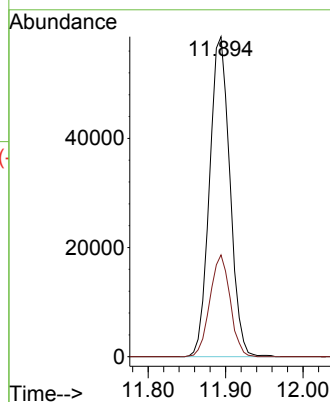
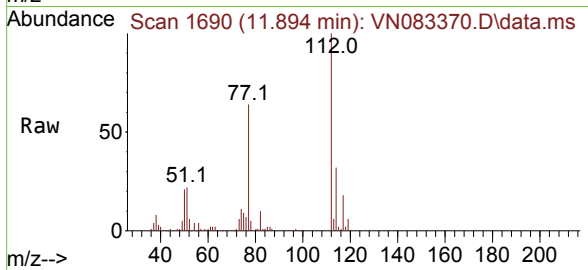




#65
Chlorobenzene
Concen: 19.223 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

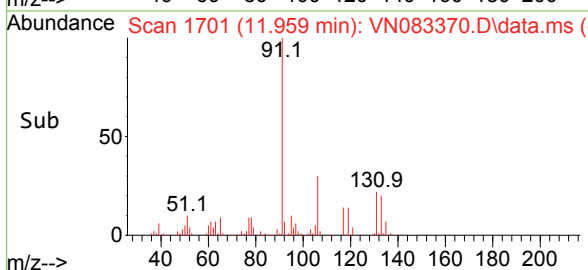
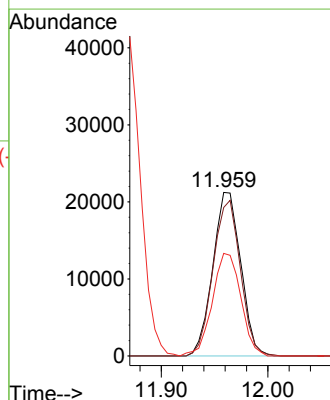
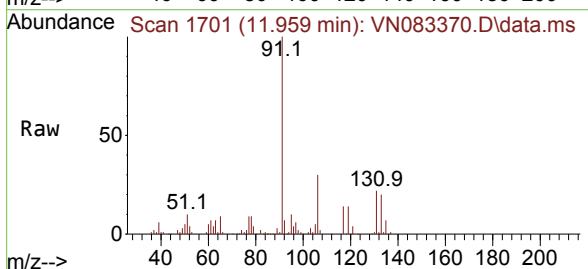
Instrument :
MSVOA_N
ClientSampleId :

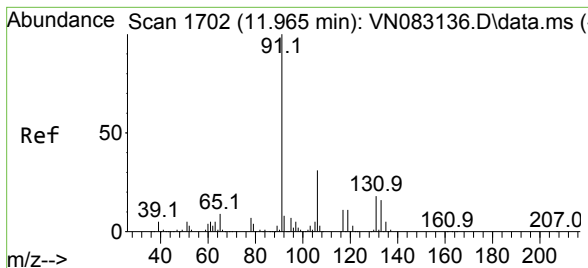
Tgt Ion:112 Resp: 106774
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.742 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Tgt Ion:131 Resp: 38674
Ion Ratio Lower Upper
131 100
133 93.2 47.3 142.0
119 63.9 32.5 97.4





#67

Ethyl Benzene

Concen: 18.696 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

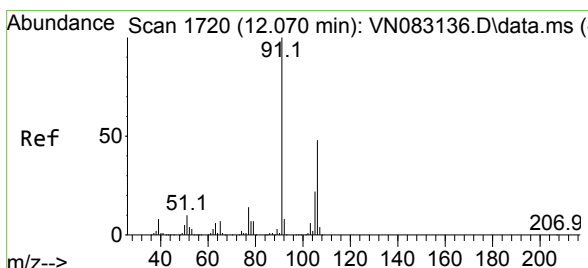
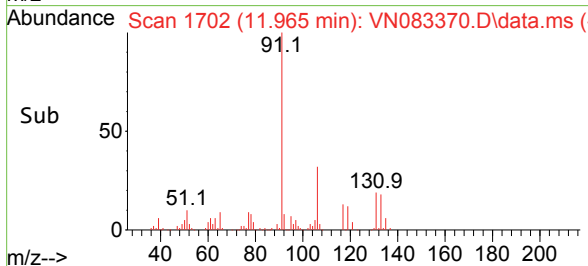
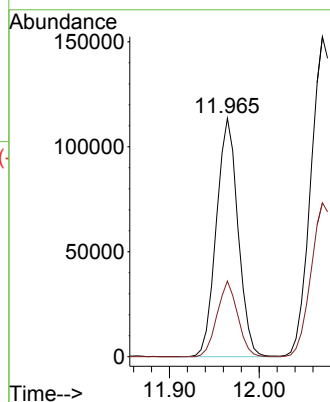
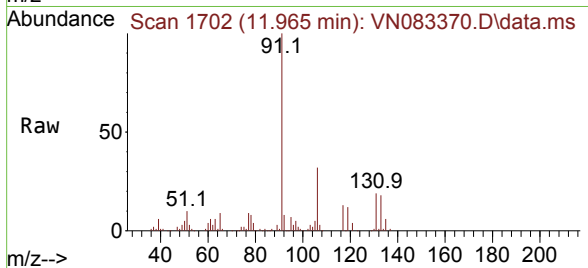
ClientSampleId :

Tgt Ion: 91 Resp: 190504

Ion Ratio Lower Upper

91 100

106 31.8 24.0 36.0



#68

m/p-Xylenes

Concen: 37.111 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN083370.D

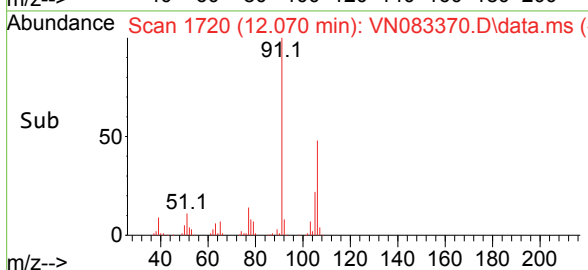
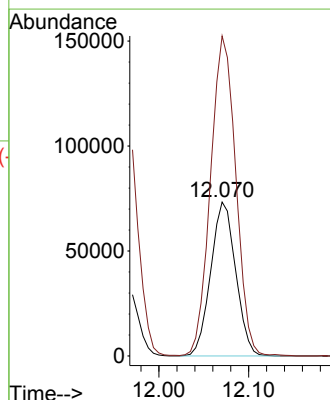
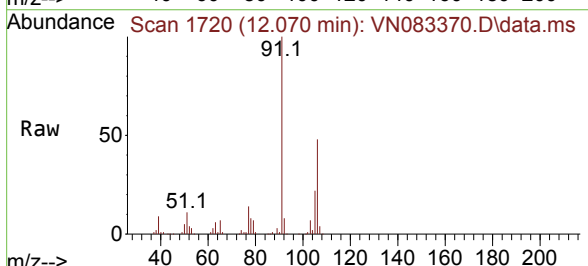
Acq: 19 Aug 2024 14:14

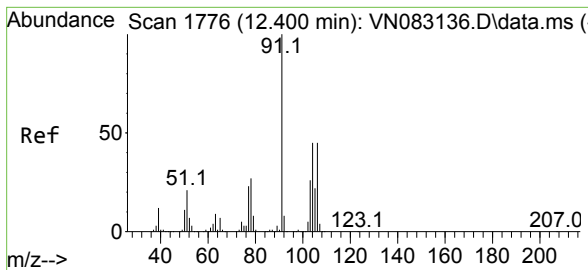
Tgt Ion:106 Resp: 141650

Ion Ratio Lower Upper

106 100

91 211.0 166.1 249.1

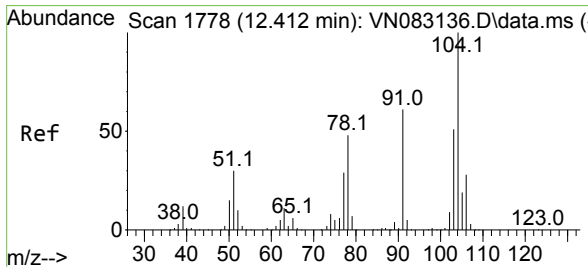
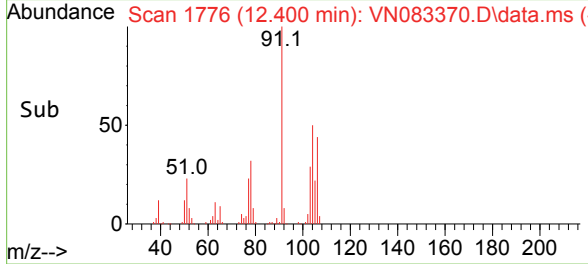
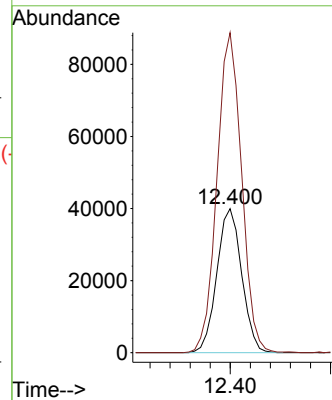
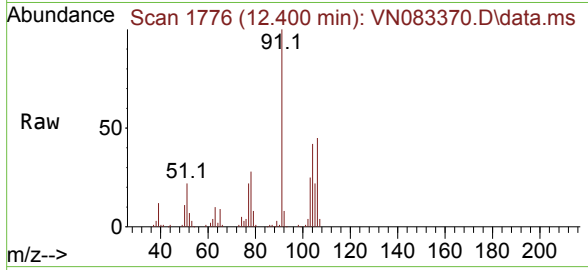




#69
o-Xylene
Concen: 18.215 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

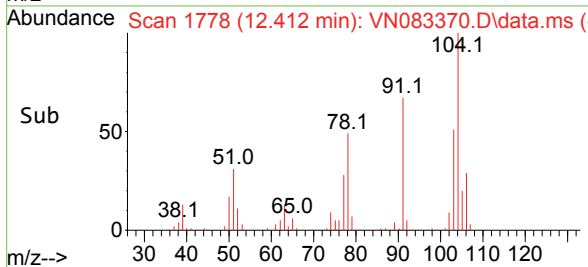
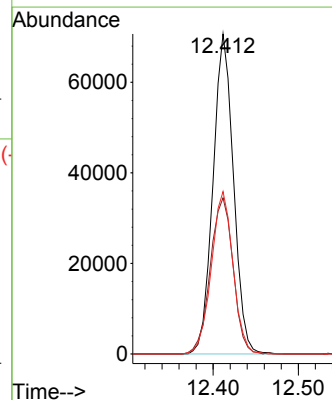
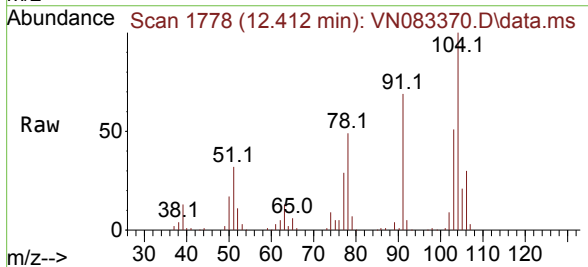
Instrument :
MSVOA_N
ClientSampleId :

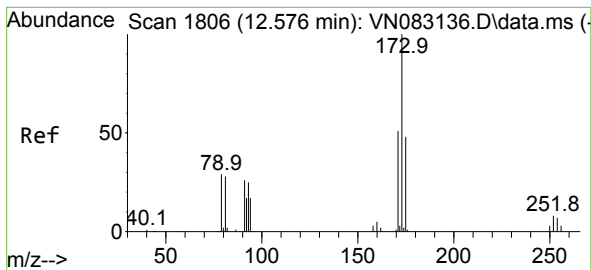
Tgt Ion:106 Resp: 68572
Ion Ratio Lower Upper
106 100
91 220.4 111.3 333.9



#70
Styrene
Concen: 18.669 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

Tgt Ion:104 Resp: 118040
Ion Ratio Lower Upper
104 100
78 54.1 41.6 62.4
103 53.6 44.0 66.0





#71

Bromoform

Concen: 19.009 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

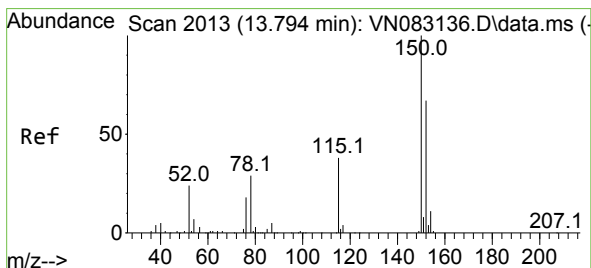
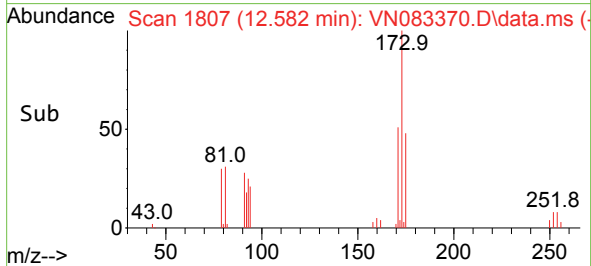
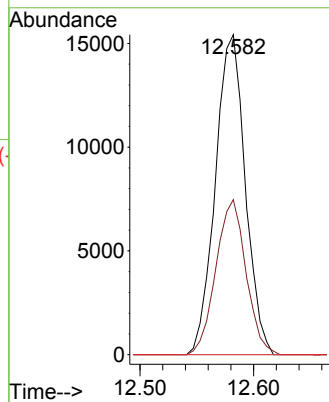
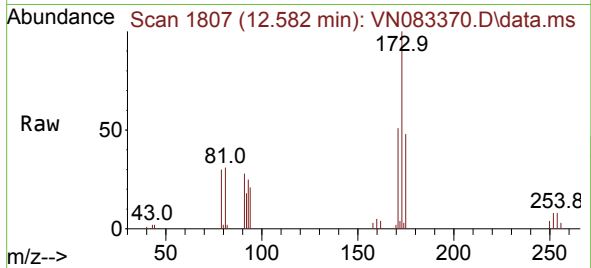
Tgt Ion:173 Resp: 28210

Ion Ratio Lower Upper

173 100

175 48.7 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: VN083370.D

Acq: 19 Aug 2024 14:14

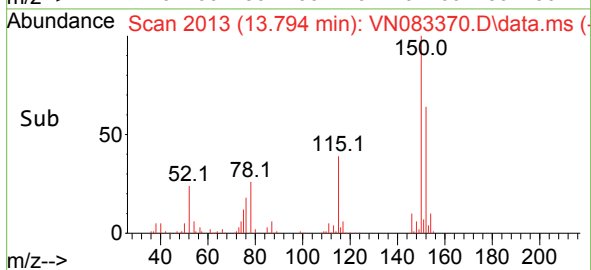
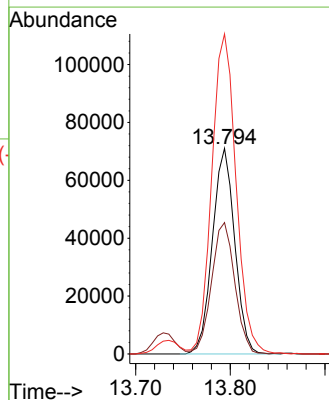
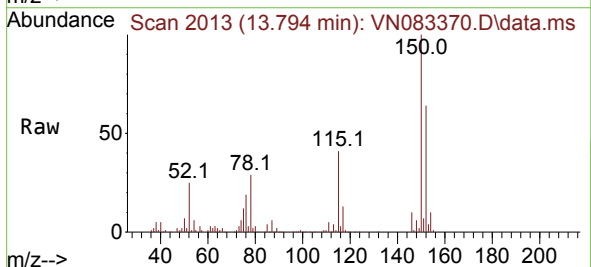
Tgt Ion:152 Resp: 116728

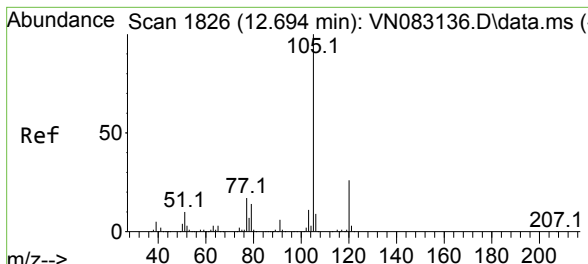
Ion Ratio Lower Upper

152 100

115 66.6 30.6 91.6

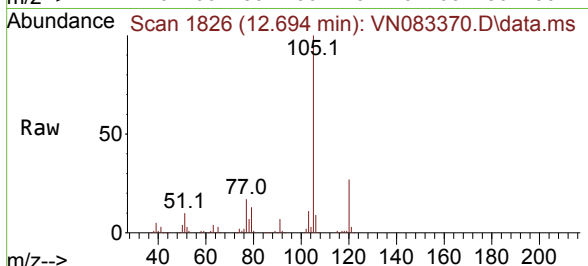
150 169.1 0.0 348.6



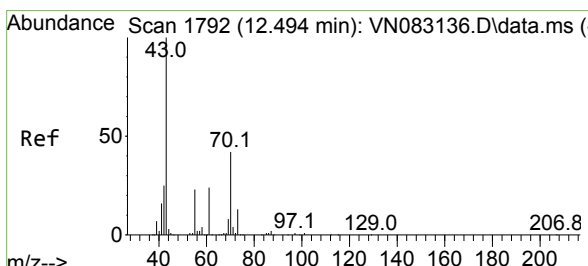
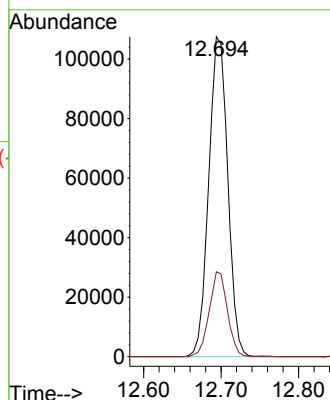
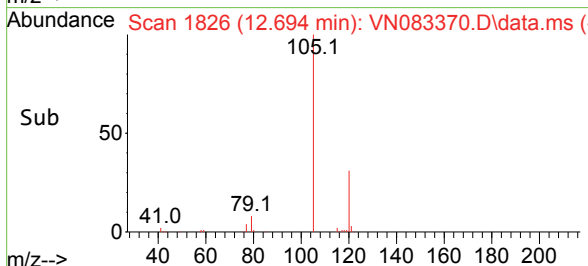


#73
Isopropylbenzene
Concen: 18.823 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

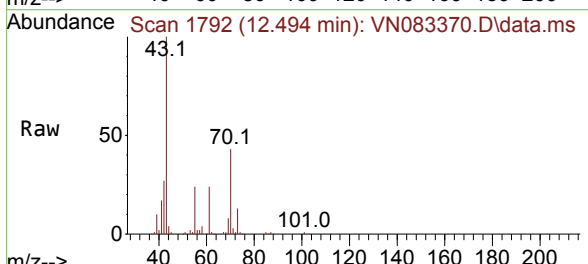
Instrument :
MSVOA_N
ClientSampleId :



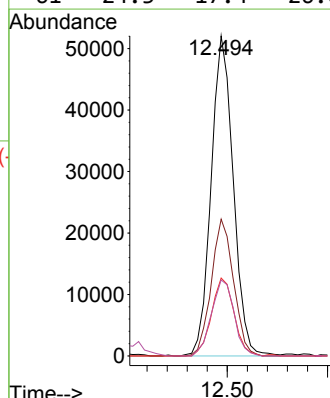
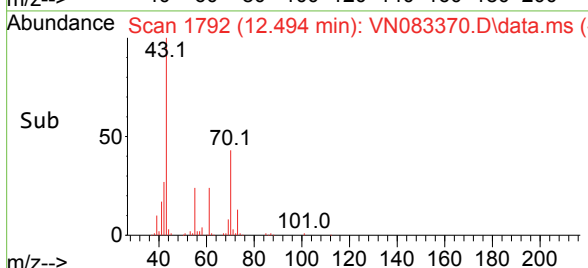
Tgt Ion:105 Resp: 183779
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6

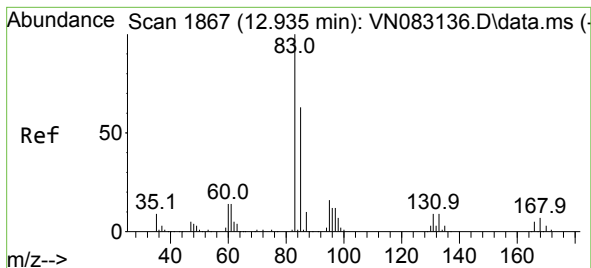


#74
N-ethyl acetate
Concen: 16.740 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14



Tgt Ion: 43 Resp: 79945
Ion Ratio Lower Upper
43 100
70 42.9 29.8 44.6
55 24.7 18.7 28.1
61 24.3 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.767 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

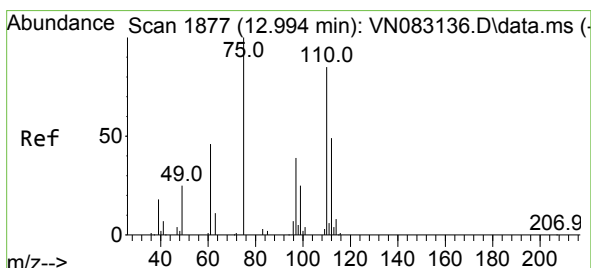
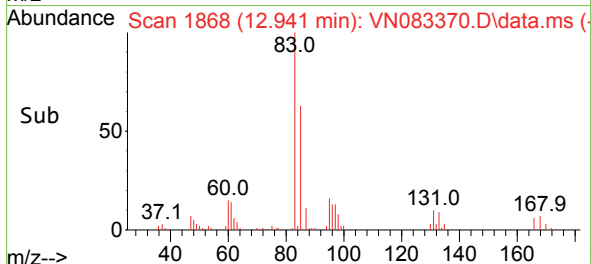
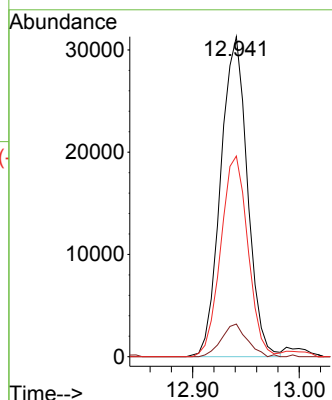
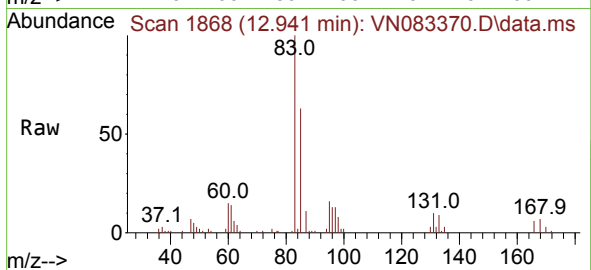
Tgt Ion: 83 Resp: 54585

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 63.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.784 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN083370.D

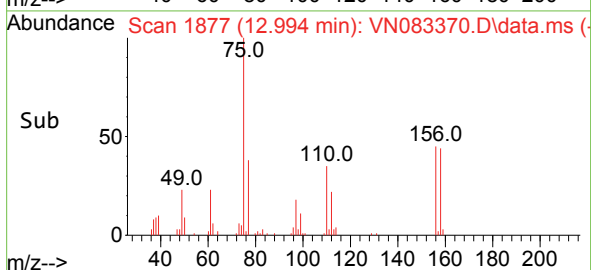
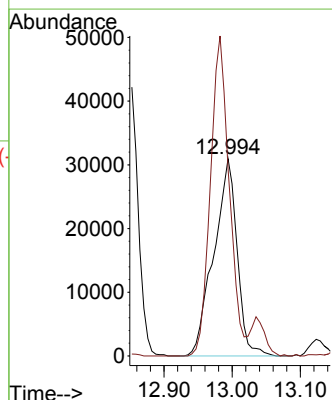
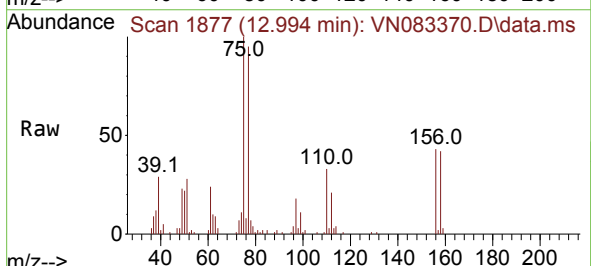
Acq: 19 Aug 2024 14:14

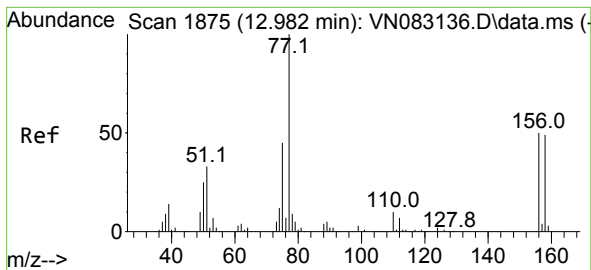
Tgt Ion: 75 Resp: 73742

Ion Ratio Lower Upper

75 100

77 130.6 110.9 332.6





#77

Bromobenzene

Concen: 19.249 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

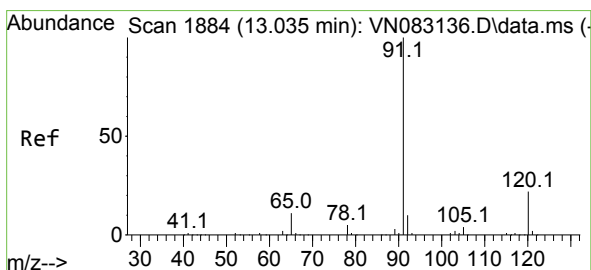
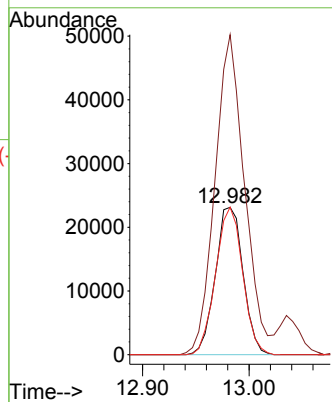
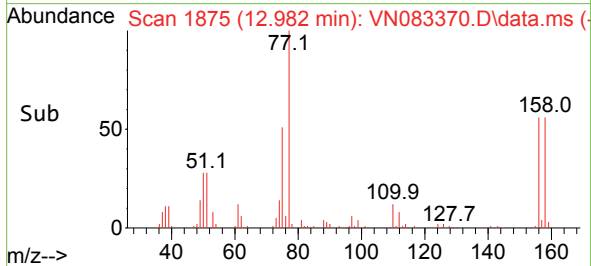
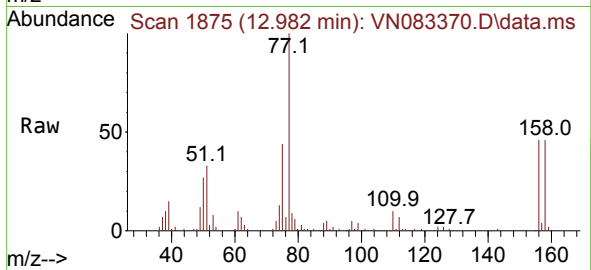
Tgt Ion:156 Resp: 41748

Ion Ratio Lower Upper

156 100

77 230.6 111.3 333.8

158 97.6 48.3 144.9



#78

n-propylbenzene

Concen: 19.151 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083370.D

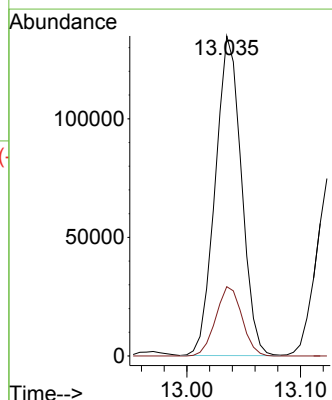
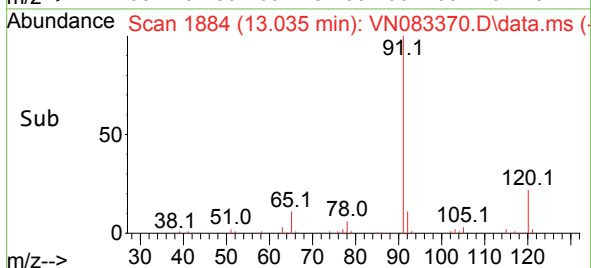
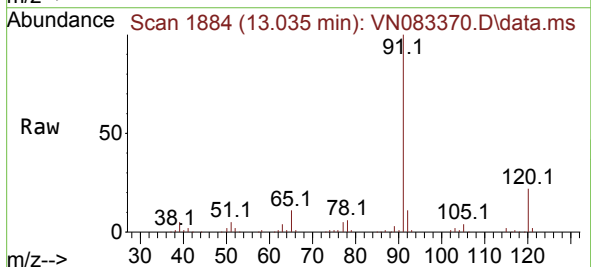
Acq: 19 Aug 2024 14:14

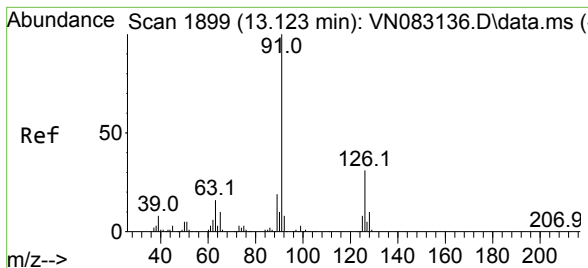
Tgt Ion: 91 Resp: 215301

Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.9





#79

2-Chlorotoluene

Concen: 18.546 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

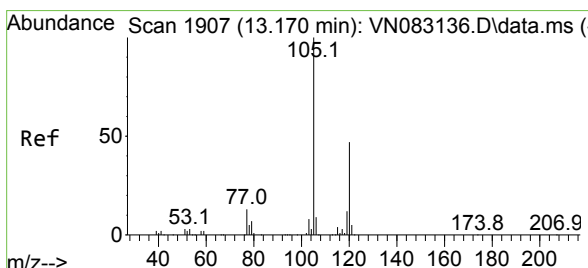
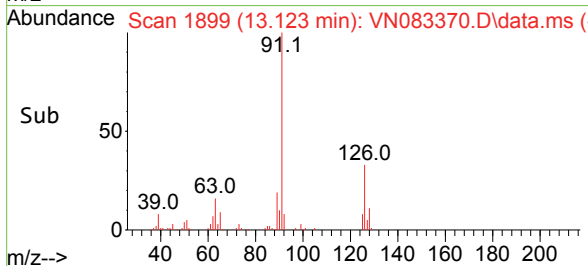
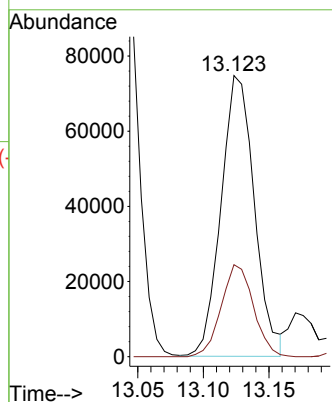
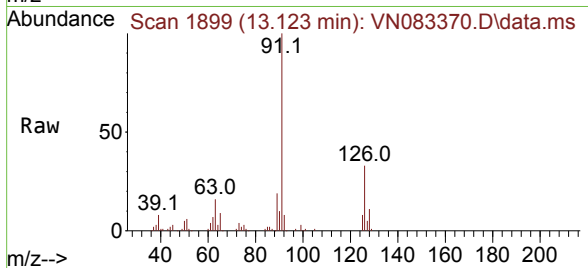
ClientSampleId :

Tgt Ion: 91 Resp: 132186

Ion Ratio Lower Upper

91 100

126 31.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 19.064 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VN083370.D

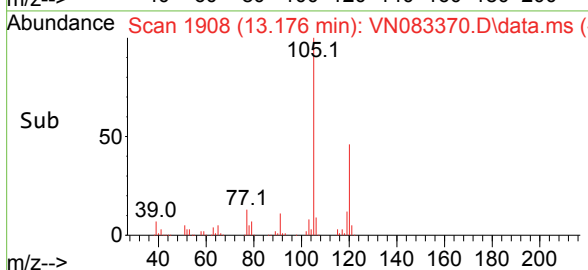
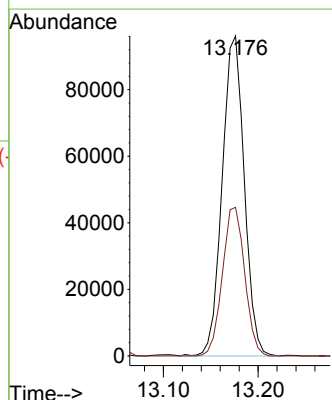
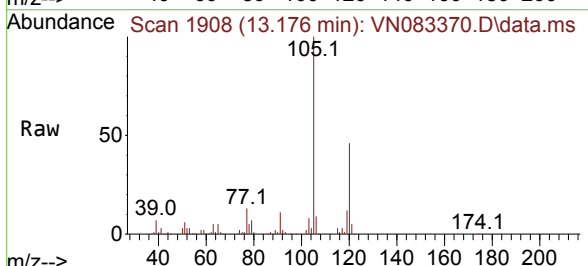
Acq: 19 Aug 2024 14:14

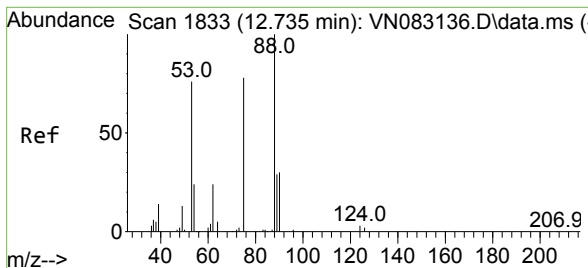
Tgt Ion: 105 Resp: 155831

Ion Ratio Lower Upper

105 100

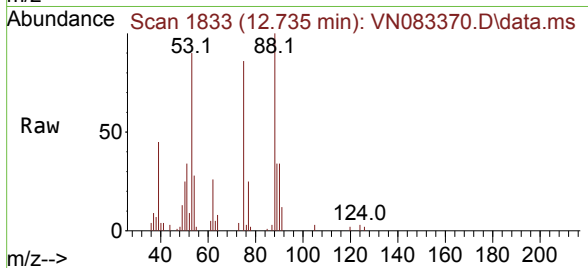
120 46.9 24.3 72.8



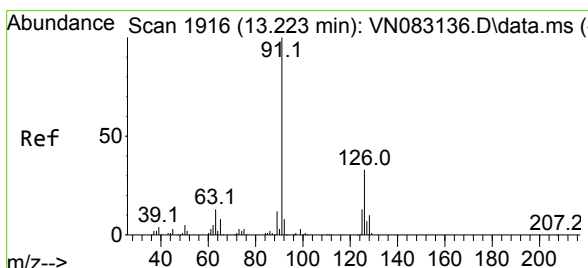
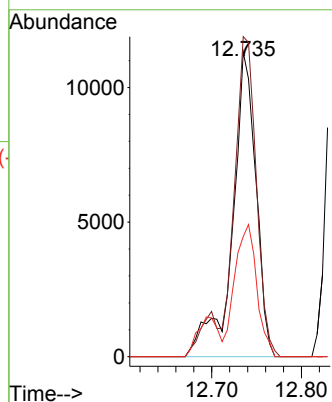
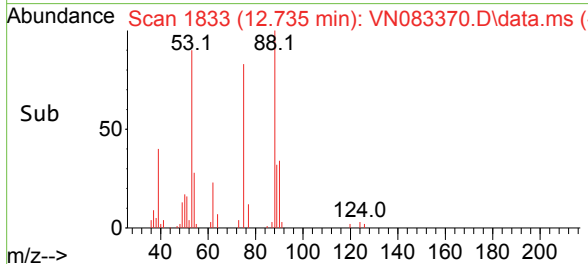


#81
trans-1,4-Dichloro-2-butene
Concen: 17.516 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14

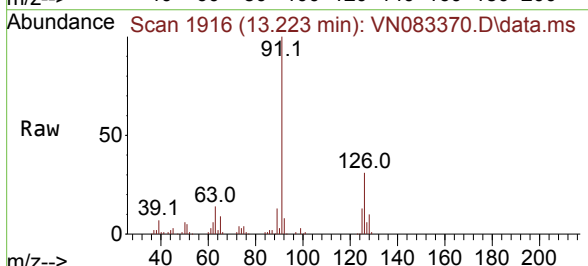
Instrument :
MSVOA_N
ClientSampleId :



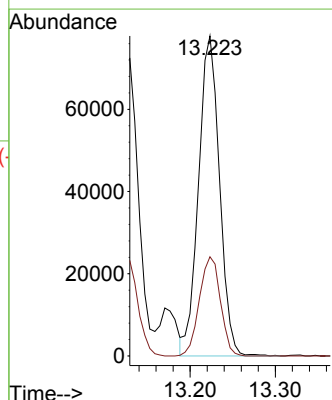
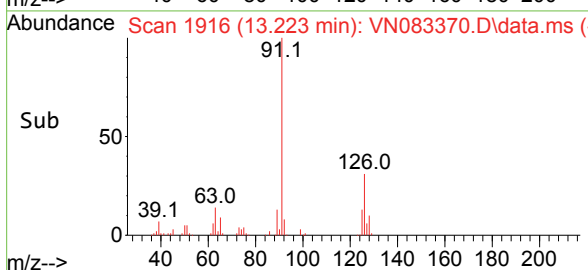
Tgt Ion:	75	Resp:	20629
Ion	Ratio	Lower	Upper
75	100		
53	96.5	88.4	132.6
89	40.6	36.3	54.5

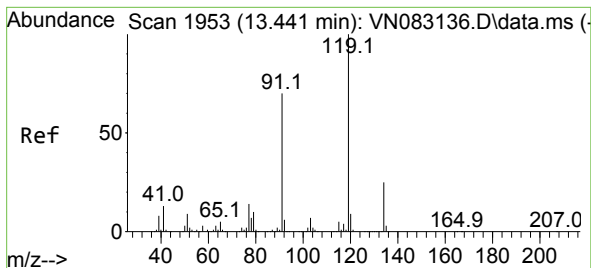


#82
4-Chlorotoluene
Concen: 18.607 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083370.D
Acq: 19 Aug 2024 14:14



Tgt Ion:	91	Resp:	133028
Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.2	48.6





#83

tert-Butylbenzene

Concen: 18.624 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

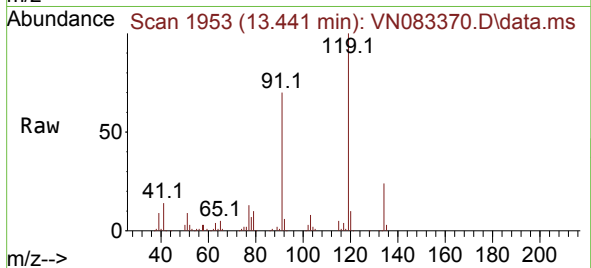
Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :



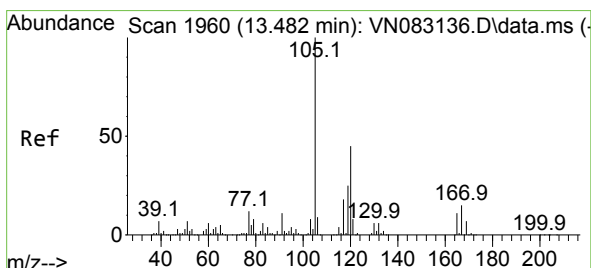
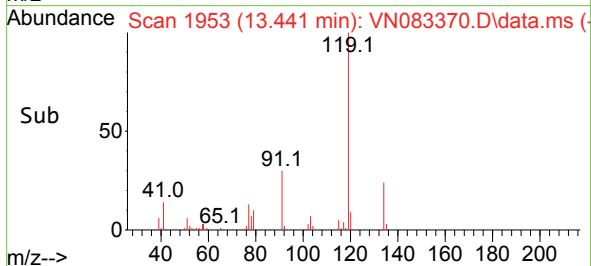
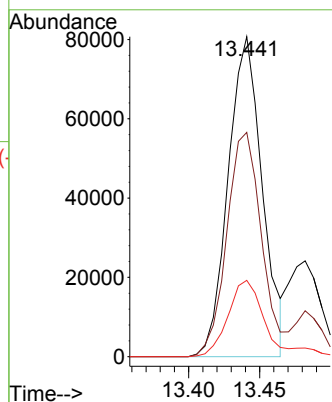
Tgt Ion:119 Resp: 134819

Ion Ratio Lower Upper

119 100

91 72.4 35.0 105.1

134 26.4 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 18.975 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083370.D

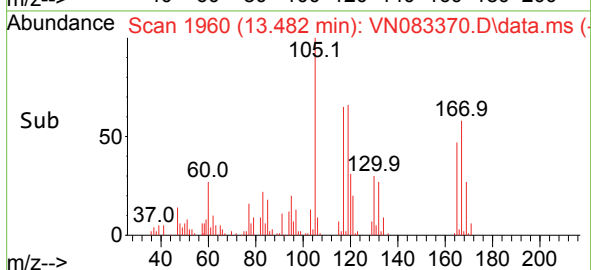
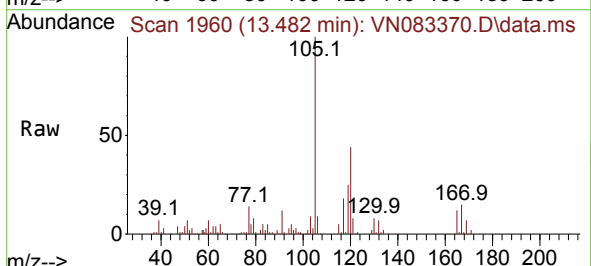
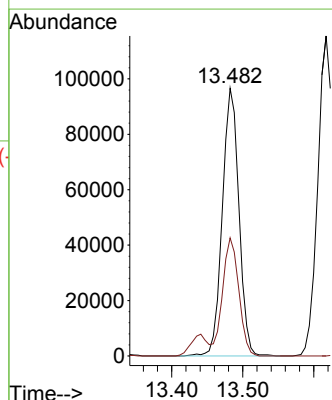
Acq: 19 Aug 2024 14:14

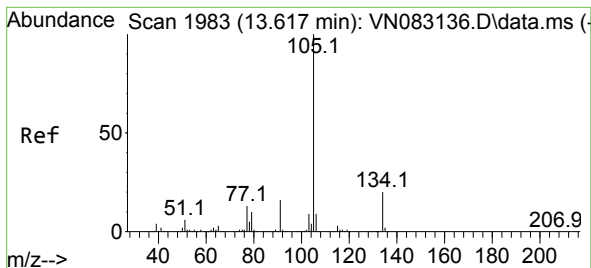
Tgt Ion:105 Resp: 156307

Ion Ratio Lower Upper

105 100

120 43.5 21.9 65.8





#85

sec-Butylbenzene

Concen: 18.634 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

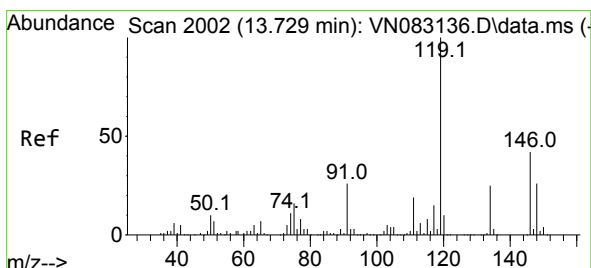
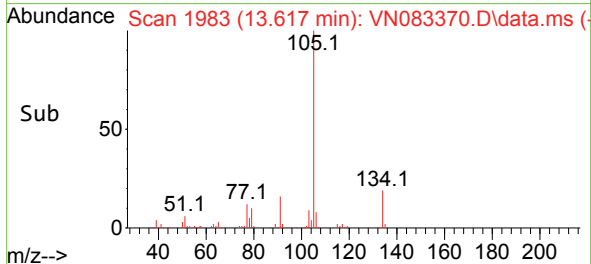
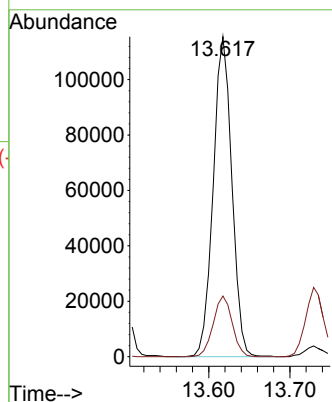
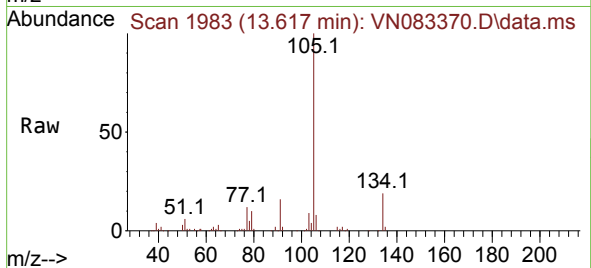
ClientSampleId :

Tgt Ion:105 Resp: 184059

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.754 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

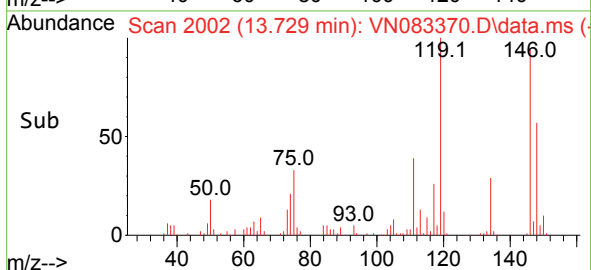
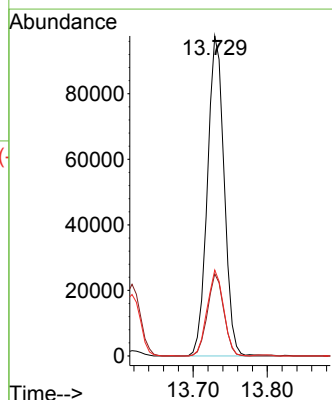
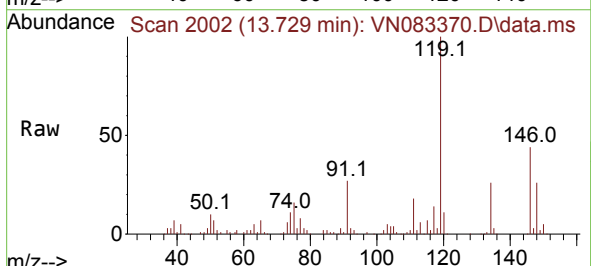
Tgt Ion:119 Resp: 152949

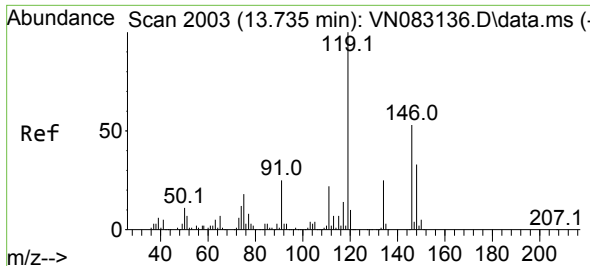
Ion Ratio Lower Upper

119 100

134 25.0 13.0 39.0

91 26.4 12.3 36.9

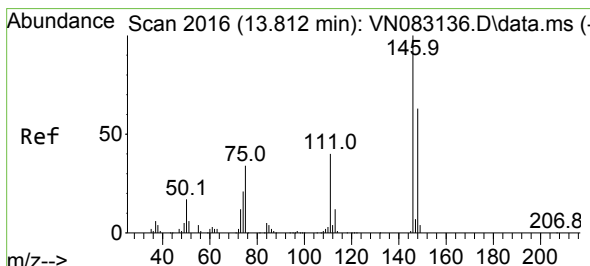
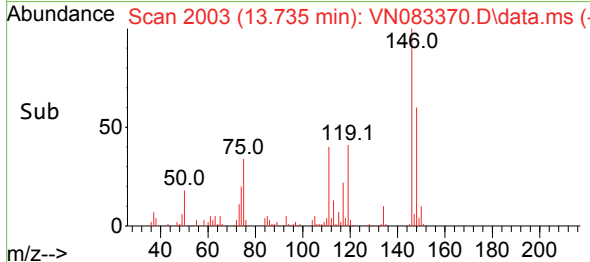
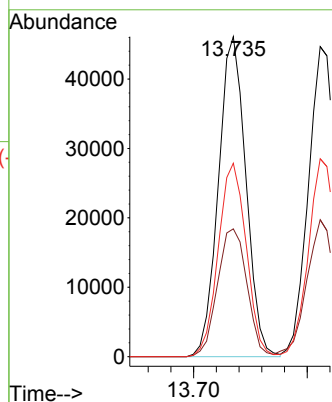
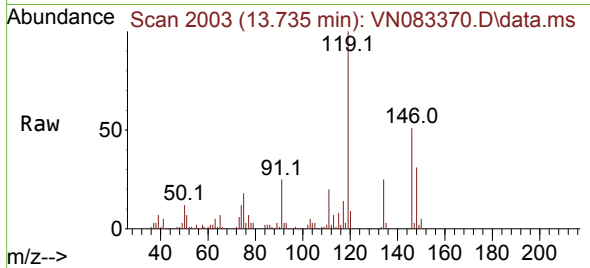




#87
 1,3-Dichlorobenzene
 Concen: 19.005 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN083370.D
 Acq: 19 Aug 2024 14:14

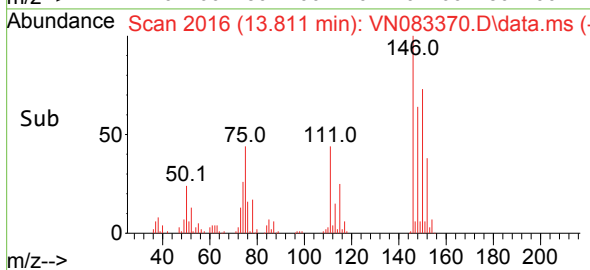
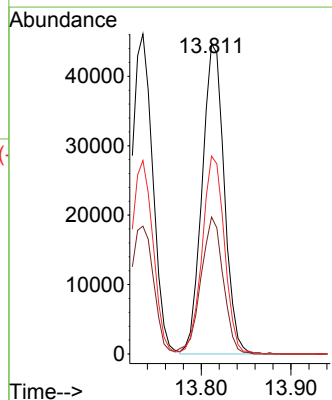
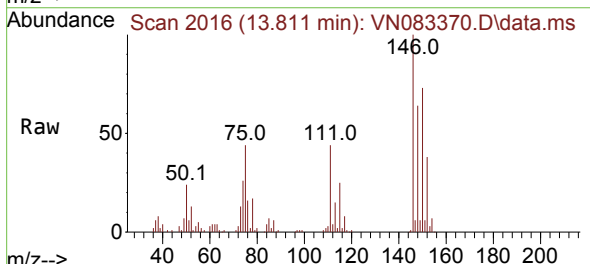
Instrument :
 MSVOA_N
 ClientSampleId :

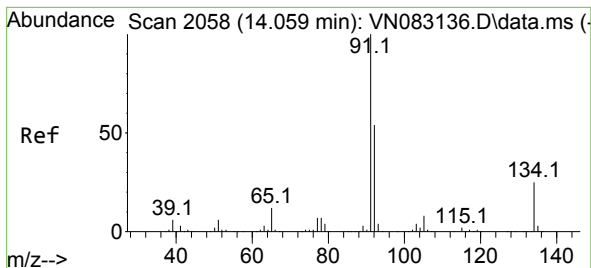
Tgt Ion:146 Resp: 77562
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.6 61.9
 148 61.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.612 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083370.D
 Acq: 19 Aug 2024 14:14

Tgt Ion:146 Resp: 76574
 Ion Ratio Lower Upper
 146 100
 111 44.6 20.1 60.3
 148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 18.473 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN083370.D

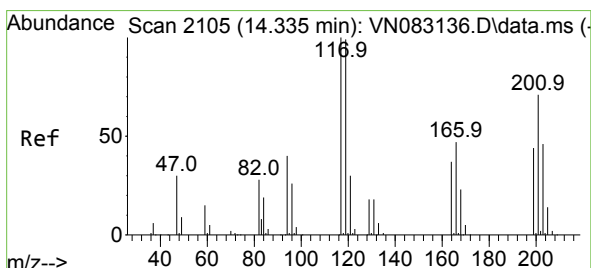
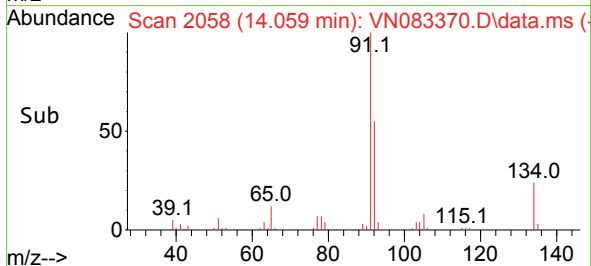
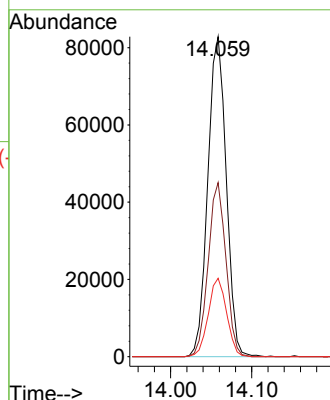
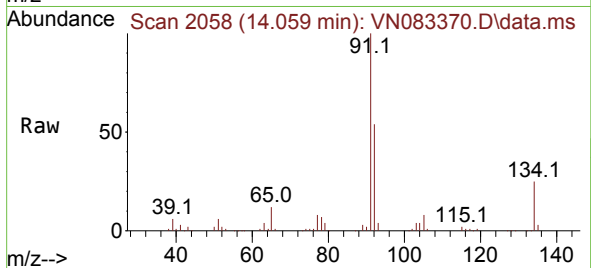
Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	130544
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.1	78.3
134	24.4	12.1	36.3



#90

Hexachloroethane

Concen: 18.926 ug/l

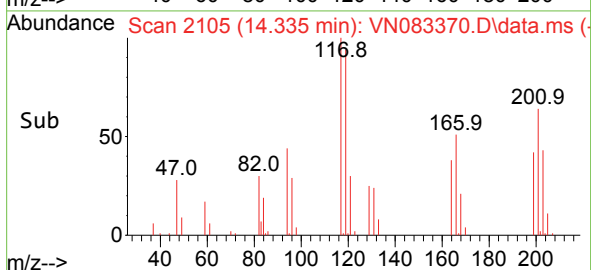
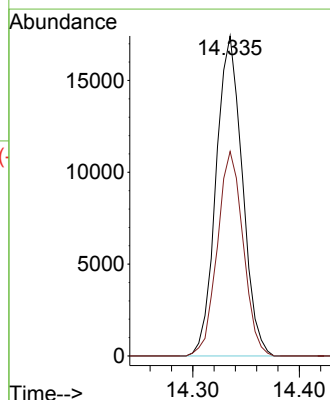
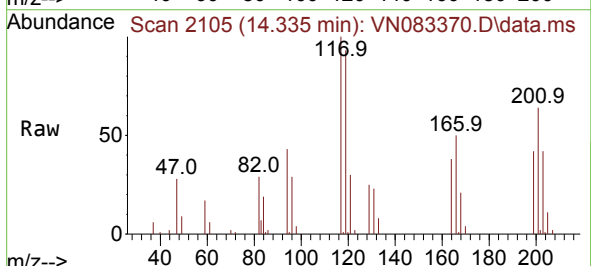
RT: 14.335 min Scan# 2105

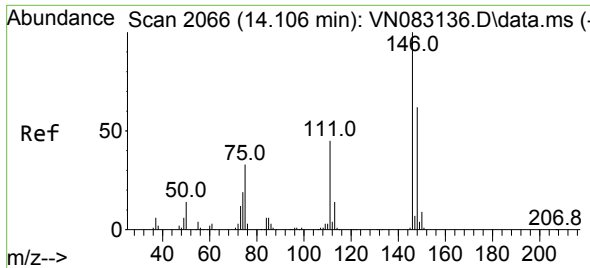
Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Tgt Ion:	117	Resp:	29820
Ion	Ratio	Lower	Upper
117	100		
201	62.9	35.8	107.3

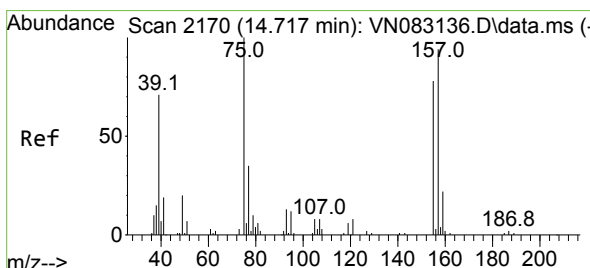
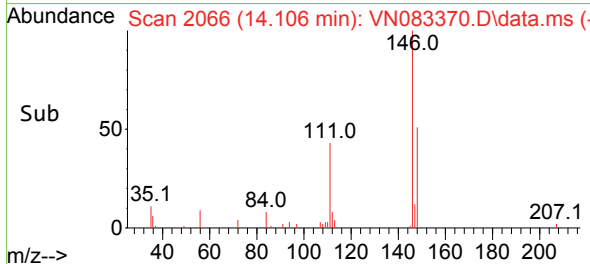
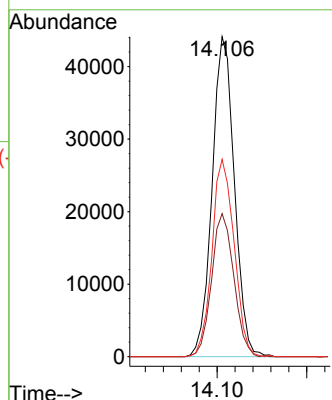
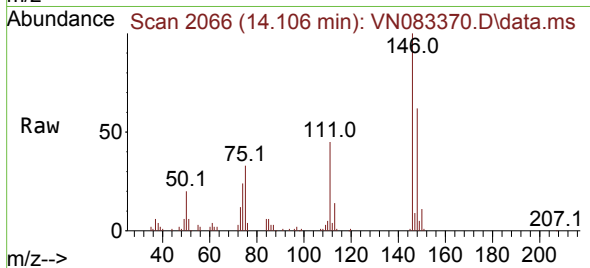




#91
 1,2-Dichlorobenzene
 Concen: 19.209 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN083370.D
 Acq: 19 Aug 2024 14:14

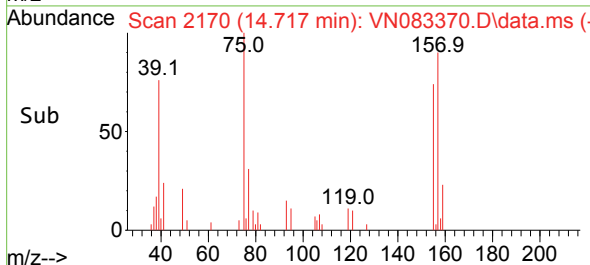
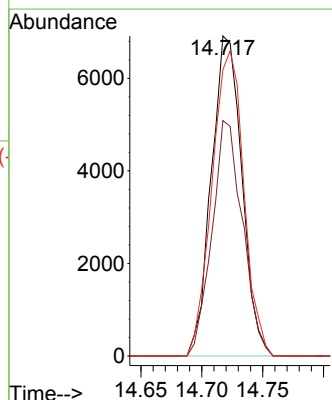
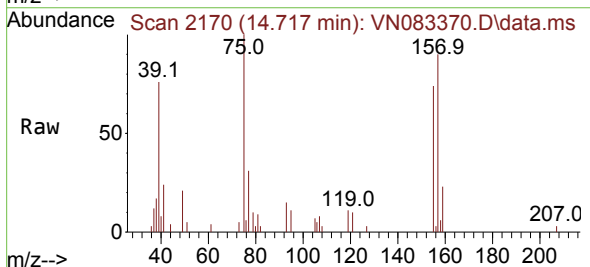
Instrument :
 MSVOA_N
 ClientSampleId :

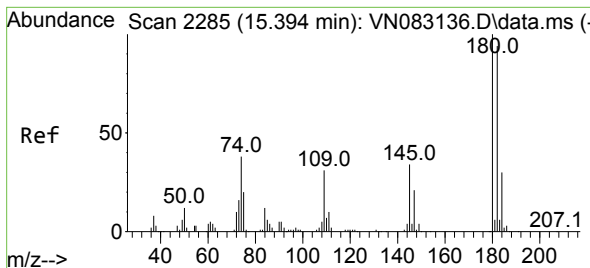
Tgt Ion:146	Resp:	75859
Ion Ratio	Lower	Upper
146	100	
111	44.8	21.4 64.2
148	61.5	32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.990 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN083370.D
 Acq: 19 Aug 2024 14:14

Tgt Ion: 75	Resp:	12055
Ion Ratio	Lower	Upper
75	100	
155	73.5	36.6 109.8
157	99.6	46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 18.024 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

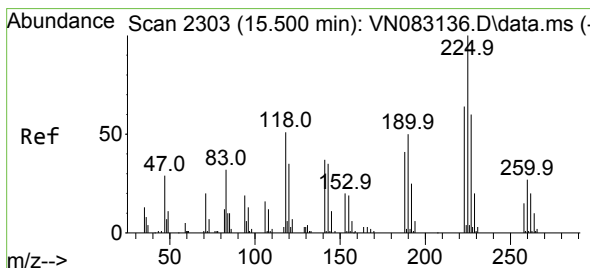
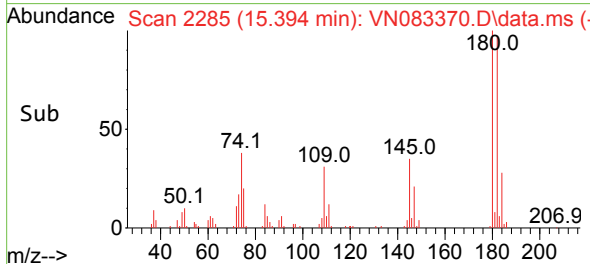
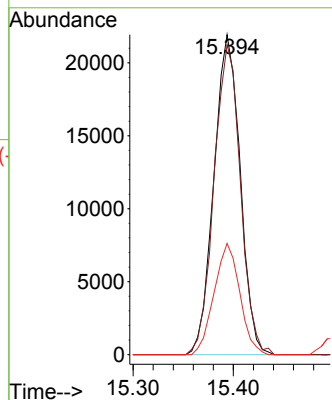
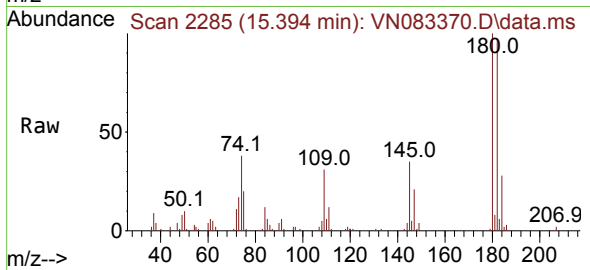
Tgt Ion:180 Resp: 39877

Ion Ratio Lower Upper

180 100

182 97.4 47.3 141.8

145 34.0 15.7 47.1



#94

Hexachlorobutadiene

Concen: 16.961 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

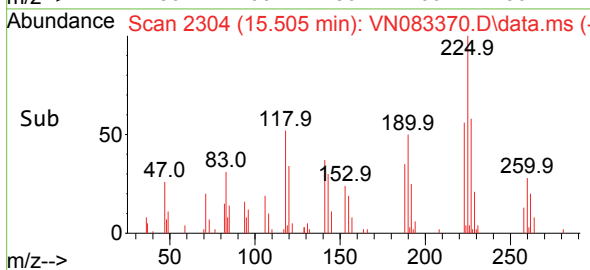
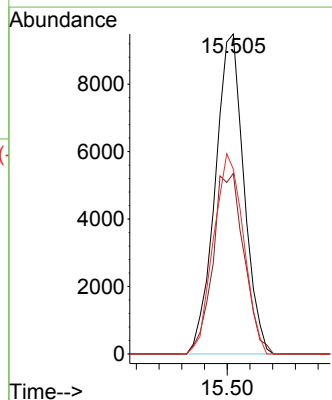
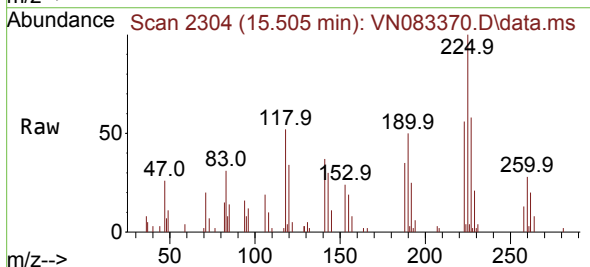
Tgt Ion:225 Resp: 16689

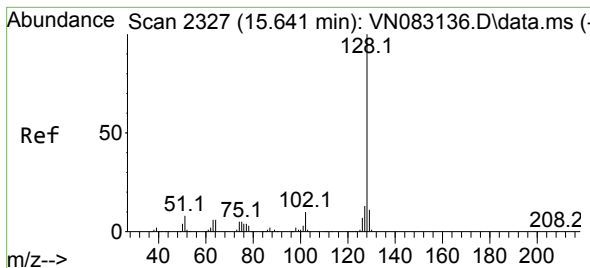
Ion Ratio Lower Upper

225 100

223 61.1 31.9 95.7

227 65.3 32.5 97.5





#95

Naphthalene

Concen: 17.647 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

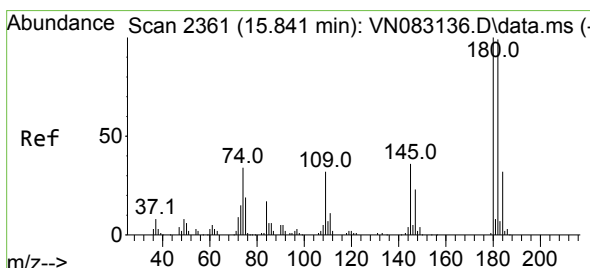
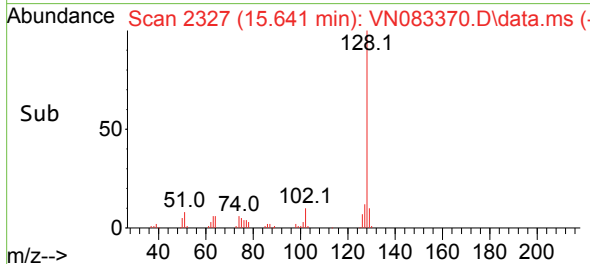
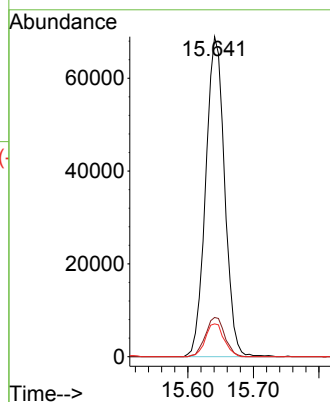
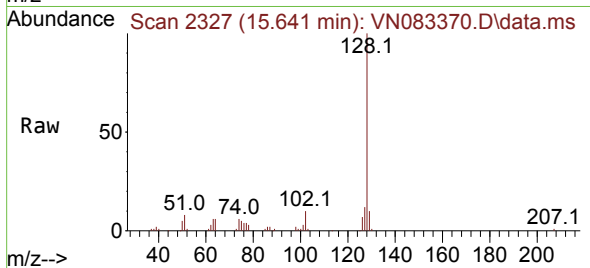
Tgt Ion:128 Resp: 138298

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.259 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083370.D

Acq: 19 Aug 2024 14:14

Tgt Ion:180 Resp: 39972

Ion Ratio Lower Upper

180 100

182 93.6 48.9 146.8

145 35.2 16.8 50.4

