

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083545.D
 Acq On : 28 Aug 2024 18:57
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 29 00:54:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	28725	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	170106	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	151374	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	78325	30.337	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.133%
60) 4-Bromofluorobenzene	12.847	95	80312	29.968	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.900%
63) Toluene-d8	10.565	98	209131	29.926	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.767%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38653	20.036	ug/l	98
3) Chloromethane	2.359	50	40197	20.265	ug/l	98
4) Vinyl Chloride	2.512	62	40865	19.618	ug/l	98
5) Bromomethane	2.901	94	18246	17.982	ug/l	98
6) Chloroethane	3.059	64	27007	19.793	ug/l	99
7) Trichlorofluoromethane	3.459	101	68101	19.782	ug/l	97
8) Diethyl Ether	3.953	74	24002	19.848	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.342	101	17879	9.400	ug/l	39
10) 1,1-Dichloroethene	4.318	96	34352	19.077	ug/l	84
11) Methyl Iodide	4.571	142	41902	16.907	ug/l	95
12) Methyl Acetate	5.024	43	72792	23.551	ug/l #	83
13) Acrolein	4.183	56	26775	89.820	ug/l	98
14) Acrylonitrile	5.724	53	101865	106.134	ug/l	98
15) Acetone	4.430	58	24584	86.570	ug/l #	56
16) Carbon Disulfide	4.695	76	89779	18.504	ug/l	97
17) Allyl chloride	5.012	41	65922	19.827	ug/l	88
18) Methylene Chloride	5.265	84	40710	20.384	ug/l	93
19) trans-1,2-Dichloroethene	5.777	96	36108	19.453	ug/l	94
20) Diisopropyl ether	6.671	45	133150	20.593	ug/l	95
21) 1,1-Dichloroethane	6.565	63	74063	20.289	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	44426	19.347	ug/l	93
23) tert-Butyl Alcohol	5.547	59	46294	114.322	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	134945	20.234	ug/l #	84
25) Chloroform	7.965	83	77035	19.903	ug/l	95
26) Cyclohexane	8.253	56	62766	19.778	ug/l #	88
29) 1,1-Dichloropropene	8.365	75	52492	19.670	ug/l	98
30) 2-Butanone	7.483	43	138557	101.204	ug/l	95
31) 2,2-Dichloropropane	7.488	77	61491	17.770	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	73519	20.613	ug/l	98
33) Carbon Tetrachloride	8.359	117	60794	19.576	ug/l	95
34) Benzene	8.606	78	162708	20.092	ug/l	98
35) Methacrylonitrile	7.777	41	32377	20.438	ug/l	93
36) 1,2-Dichloroethane	8.671	62	61201	20.269	ug/l	95
37) Trichloroethene	9.347	130	38503	20.063	ug/l	94
38) Methylcyclohexane	9.600	83	61765	18.873	ug/l	95
39) 1,2-Dichloropropane	9.624	63	40118	20.376	ug/l	97
40) Dibromomethane	9.712	93	28630	20.257	ug/l	96
41) Bromodichloromethane	9.888	83	61215	20.041	ug/l	99
42) Vinyl Acetate	6.600	43	646497	96.223	ug/l	97

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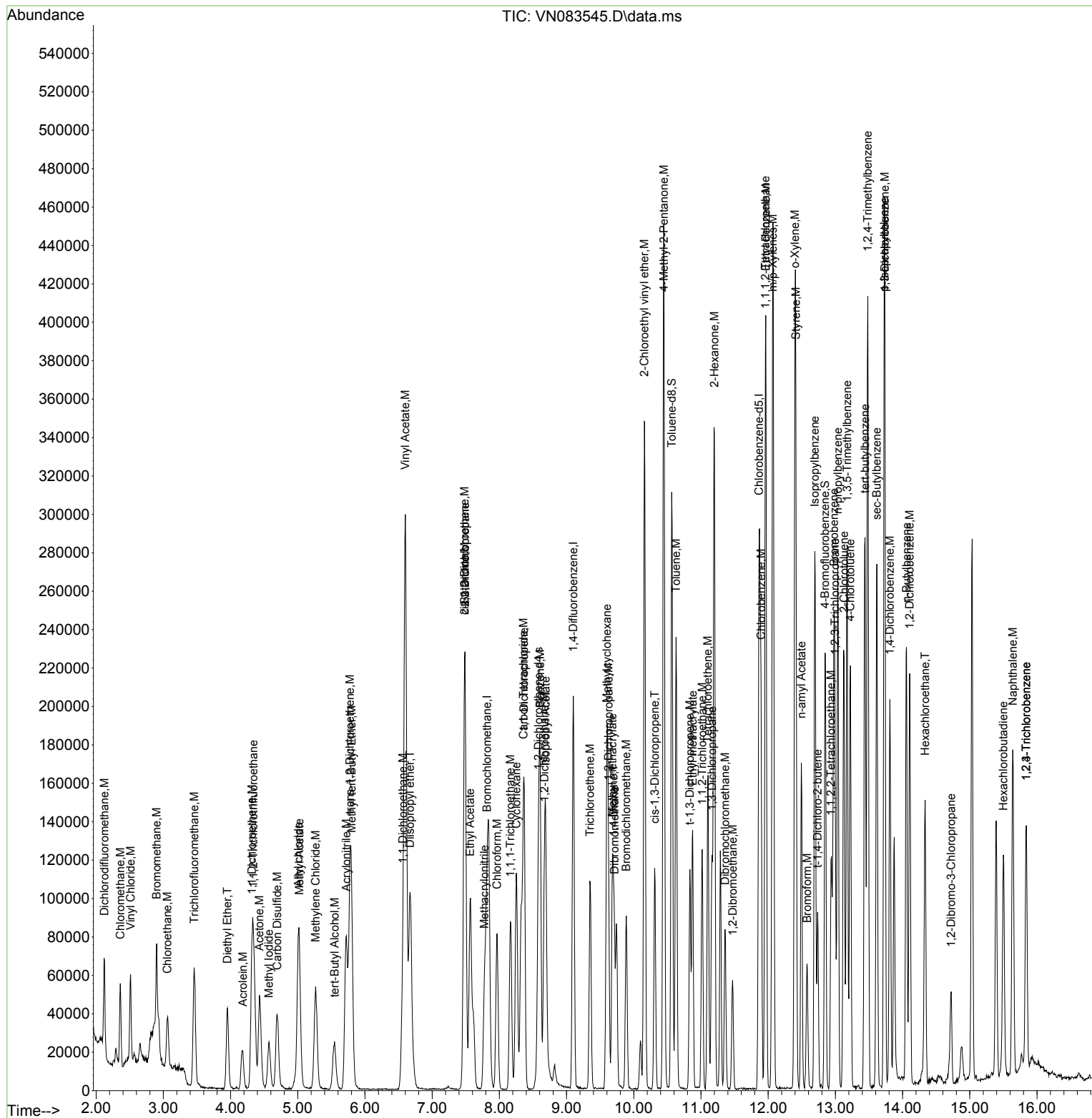
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	56091	21.331	ug/l	95
44) Isopropyl Acetate	8.688	43	154006	24.790	ug/l #	74
45) 1,4-Dioxane	9.700	88	17630	437.635	ug/l #	95
46) Methyl methacrylate	9.682	41	50310	21.916	ug/l	83
47) n-amyl Acetate	12.494	43	88249	20.641	ug/l	93
48) t-1,3-Dichloropropene	10.835	75	61118	18.868	ug/l	93
49) cis-1,3-Dichloropropene	10.312	75	65590	19.425	ug/l #	78
50) 1,1,2-Trichloroethane	11.018	97	39326	20.762	ug/l	94
51) Ethyl methacrylate	10.877	69	66929	20.261	ug/l	78
52) 1,3-Dichloropropane	11.165	76	68282	20.645	ug/l	100
53) Dibromochloromethane	11.359	129	43825	19.749	ug/l	98
54) 1,2-Dibromoethane	11.471	107	39040	20.117	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	150395	106.942	ug/l	98
56) Bromoform	12.582	173	28741	19.838	ug/l	96
58) 4-Methyl-2-Pentanone	10.447	43	297559	110.835	ug/l #	90
59) 2-Hexanone	11.200	43	226846	110.179	ug/l	88
61) Tetrachloroethene	11.100	164	35850	22.300	ug/l	90
62) Toluene	10.629	91	173241	19.785	ug/l	100
64) Chlorobenzene	11.894	112	108269	19.959	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	38882	20.139	ug/l	98
66) Ethyl Benzene	11.965	91	193826	19.622	ug/l	99
67) m/p-Xylenes	12.071	106	143007	39.060	ug/l	96
68) o-Xylene	12.400	106	73315	20.392	ug/l	98
69) Styrene	12.412	104	119574	19.534	ug/l	98
70) Isopropylbenzene	12.694	105	189327	19.936	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	59212	21.345	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	76054	31.751	ug/l	62
73) Bromobenzene	12.982	156	43423	20.202	ug/l	95
74) n-propylbenzene	13.035	91	212712	19.332	ug/l	99
75) 2-Chlorotoluene	13.129	91	139384	19.793	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	160584	20.256	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	19719	18.971	ug/l	86
78) 4-Chlorotoluene	13.223	91	134543	19.246	ug/l	98
79) tert-butylbenzene	13.441	119	142735	20.103	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	161088	19.932	ug/l	98
81) sec-Butylbenzene	13.618	105	189093	19.783	ug/l	99
82) p-Isopropyltoluene	13.729	119	155958	19.273	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	77103	18.364	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	78887	18.707	ug/l	97
85) n-Butylbenzene	14.059	91	129879	18.110	ug/l	99
86) Hexachloroethane	14.335	117	30320	19.130	ug/l	88
87) 1,2-Dichlorobenzene	14.106	146	82577	19.980	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13870	21.868	ug/l	92
89) 1,2,4-Trichlorobenzene	15.841	180	42393	18.709	ug/l	98
90) Hexachlorobutadiene	15.500	225	18161	18.864	ug/l	96
91) Naphthalene	15.641	128	160311	20.469	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	42393	18.709	ug/l	98

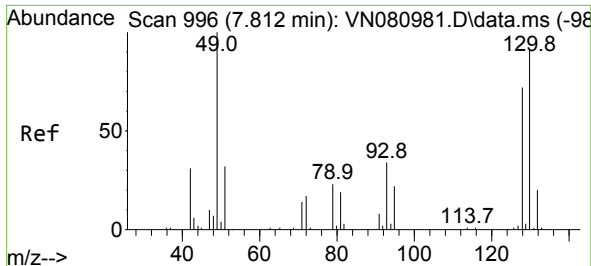
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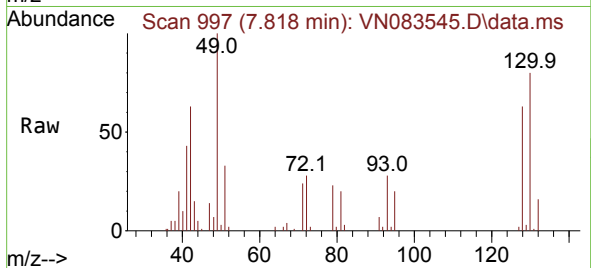
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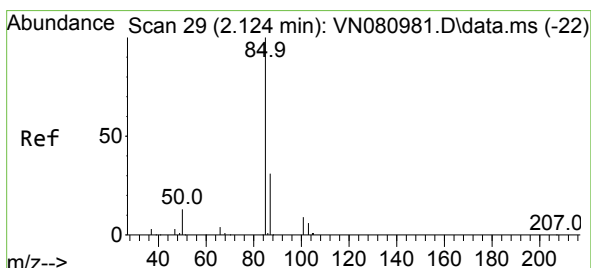
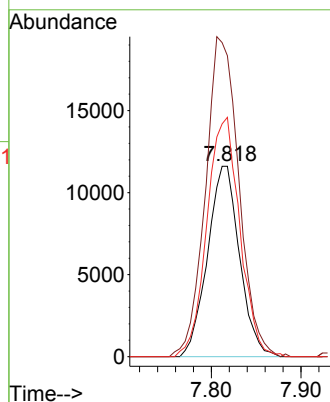
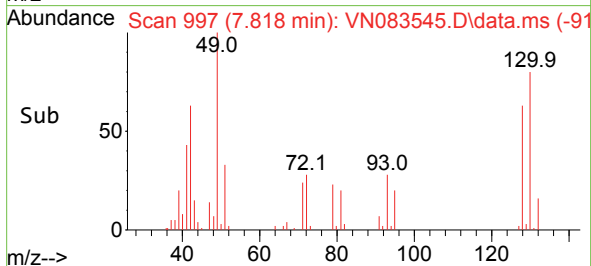


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN083545.D
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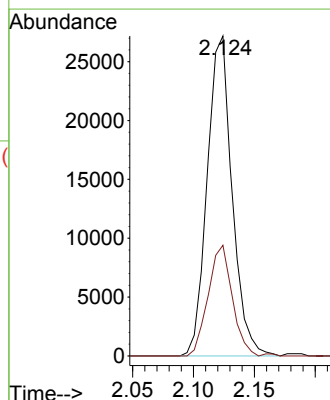
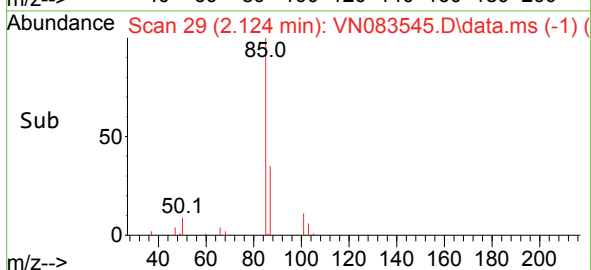
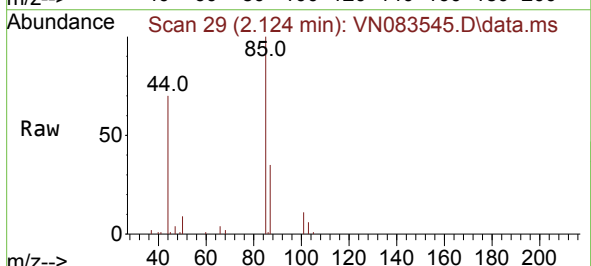


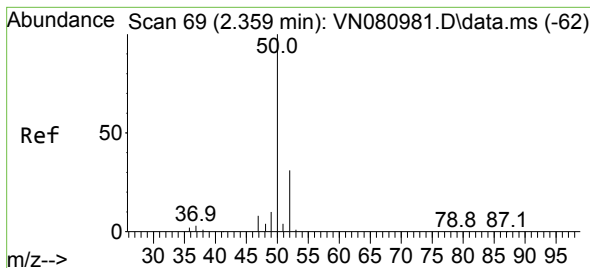
Tgt Ion:128 Resp: 28725
Ion Ratio Lower Upper
128 100
49 175.3 0.0 403.7
130 129.3 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 20.036 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion: 85 Resp: 38653
Ion Ratio Lower Upper
85 100
87 34.6 16.8 50.3





#3

Chloromethane

Concen: 20.265 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

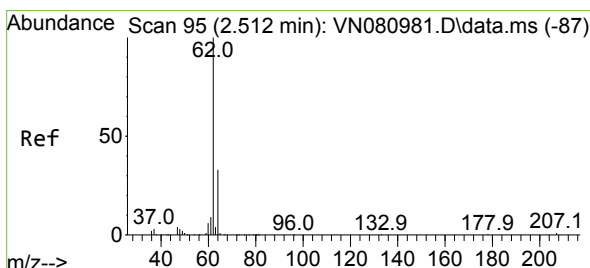
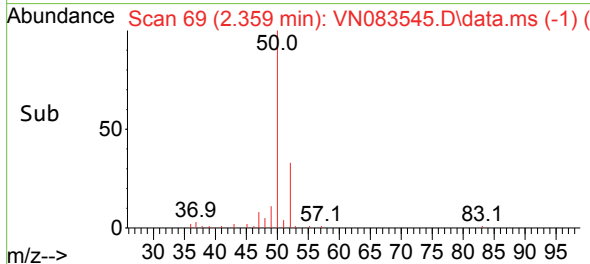
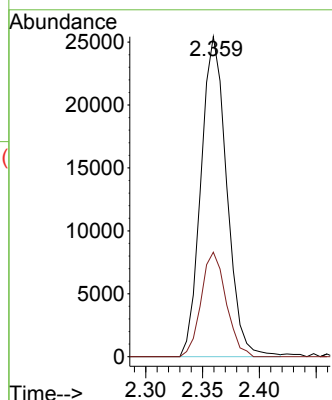
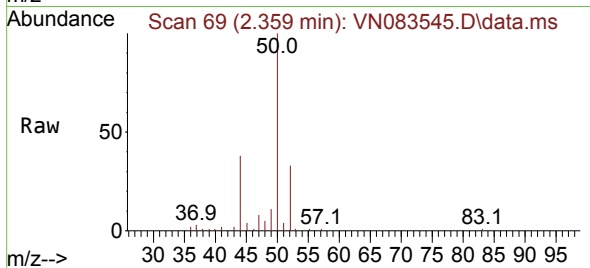
ClientSampleId :

Tgt Ion: 50 Resp: 40197

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.0



#4

Vinyl Chloride

Concen: 19.618 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN083545.D

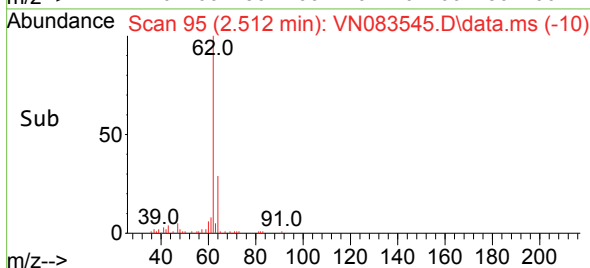
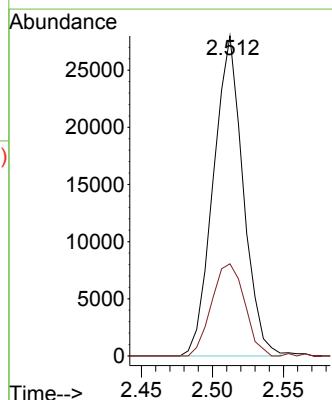
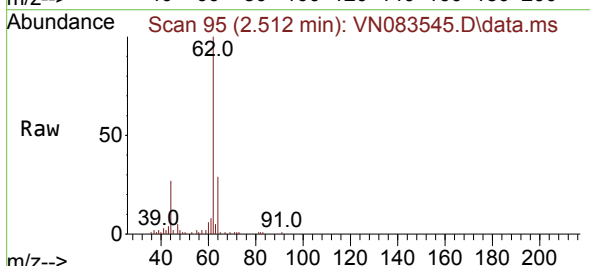
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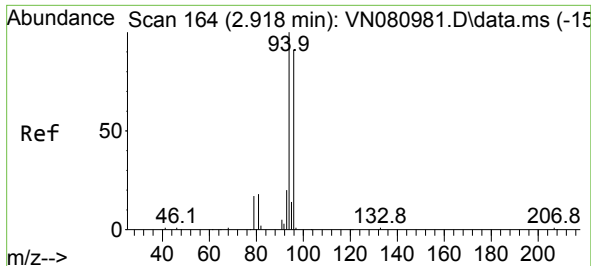
Tgt Ion: 62 Resp: 40865

Ion Ratio Lower Upper

62 100

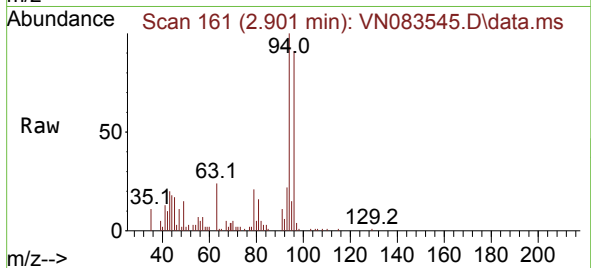
64 28.8 24.1 36.1



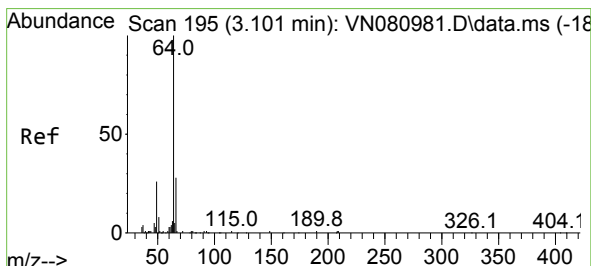
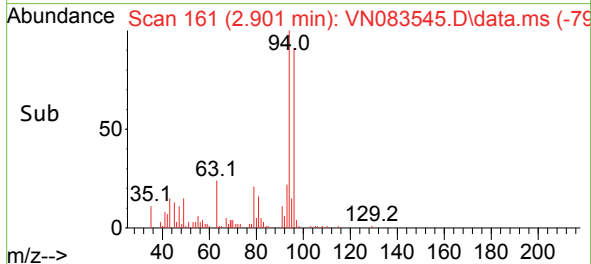
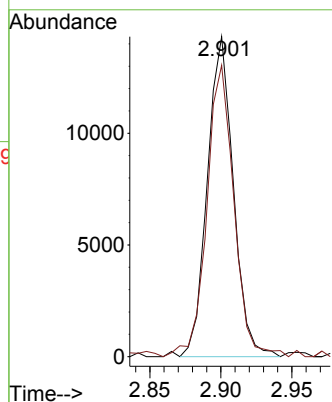


#5
Bromomethane
Concen: 17.982 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083545.D
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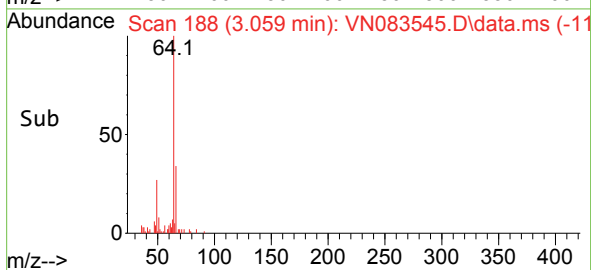
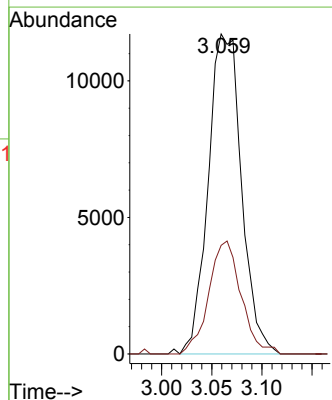
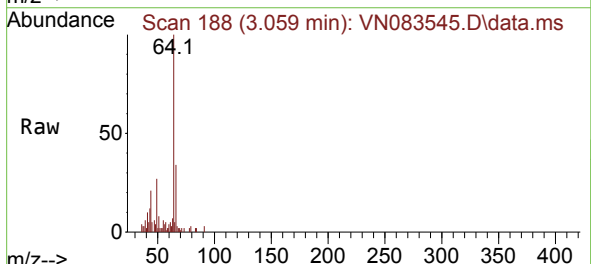


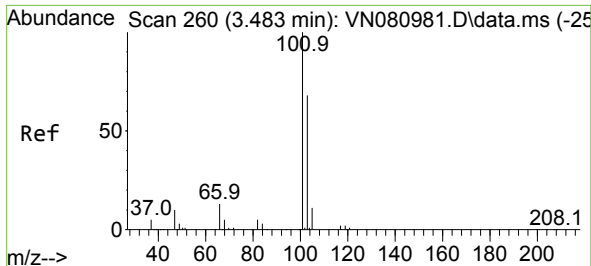
Tgt Ion: 94 Resp: 18246
Ion Ratio Lower Upper
94 100
96 89.1 72.8 109.2



#6
Chloroethane
Concen: 19.793 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.041 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion: 64 Resp: 27007
Ion Ratio Lower Upper
64 100
66 34.0 26.7 40.1

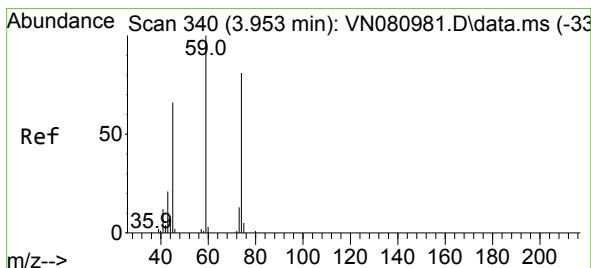
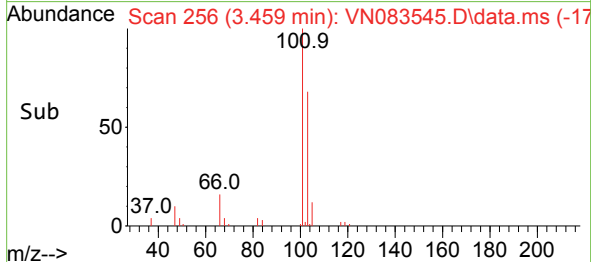
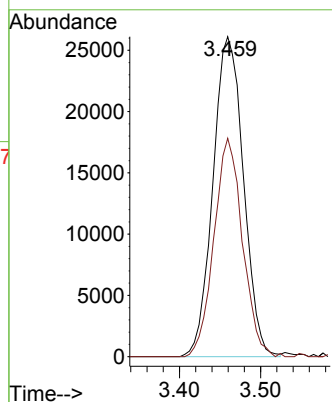
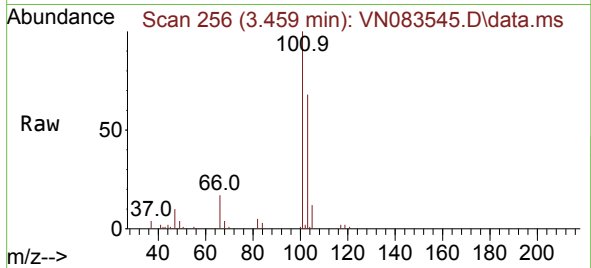




#7
 Trichlorofluoromethane
 Concen: 19.782 ug/l
 RT: 3.459 min Scan# 21
 Delta R.T. -0.024 min
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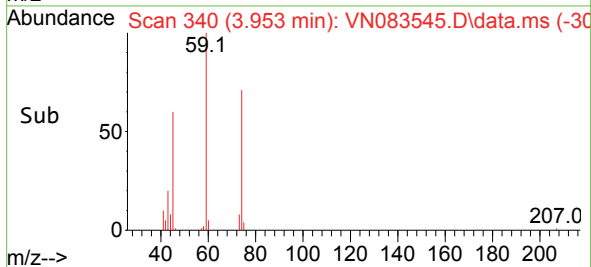
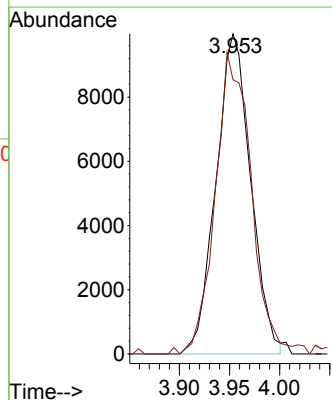
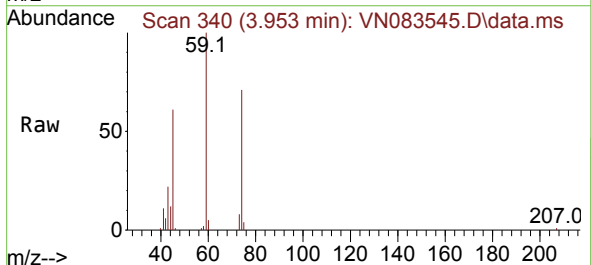
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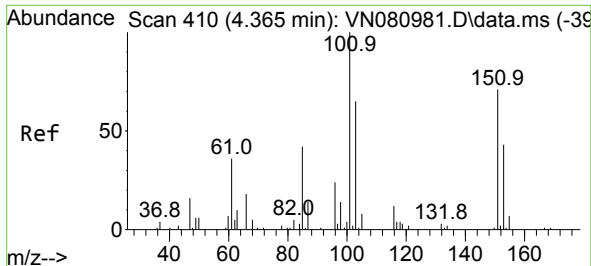
Tgt Ion:101 Resp: 68101
 Ion Ratio Lower Upper
 101 100
 103 68.3 53.0 79.4



#8
 Diethyl Ether
 Concen: 19.848 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN083545.D
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Tgt Ion: 74 Resp: 24002
 Ion Ratio Lower Upper
 74 100
 45 96.6 16.4 147.4

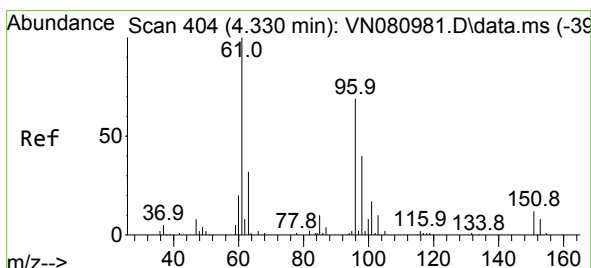
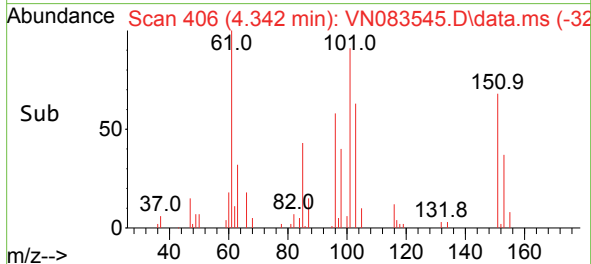
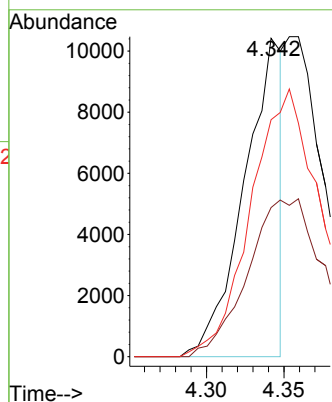
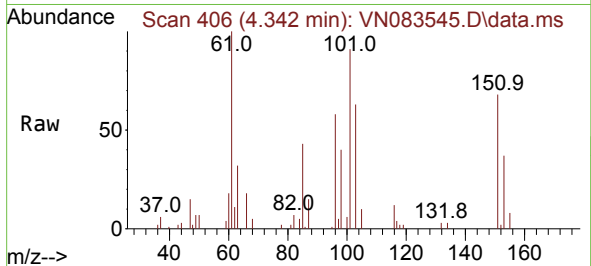




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.400 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.024 min
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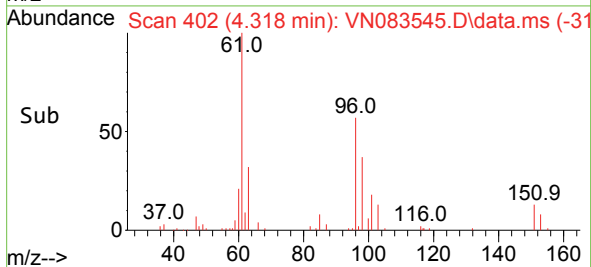
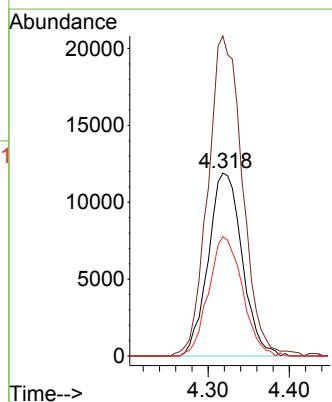
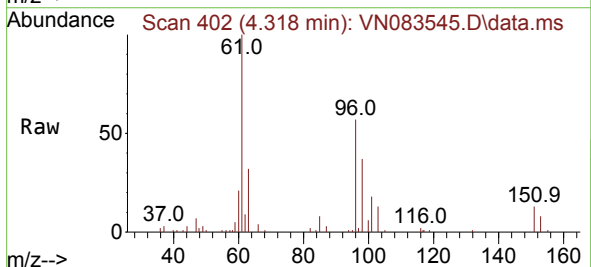
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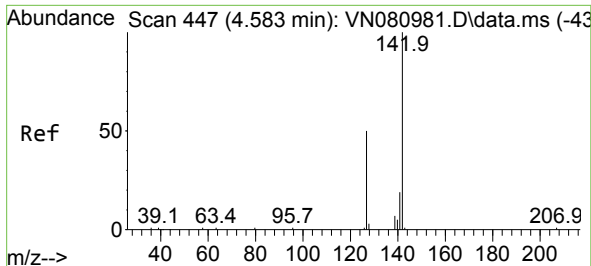
Tgt Ion:101 Resp: 17879
 Ion Ratio Lower Upper
 101 100
 85 57.1 0.0 90.6
 151 154.4 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 19.077 ug/l
 RT: 4.318 min Scan# 402
 Delta R.T. -0.012 min
 Lab File: VN083545.D
 Acq: 28 Aug 2024 18:57

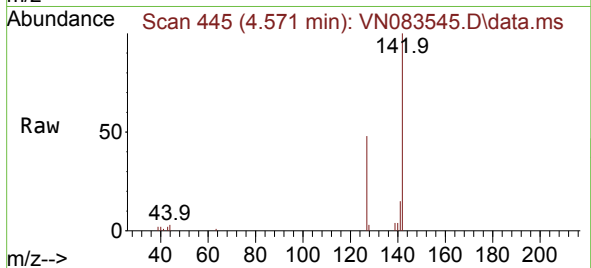
Tgt Ion: 96 Resp: 34352
 Ion Ratio Lower Upper
 96 100
 61 172.6 117.6 176.4
 98 65.2 48.4 72.6



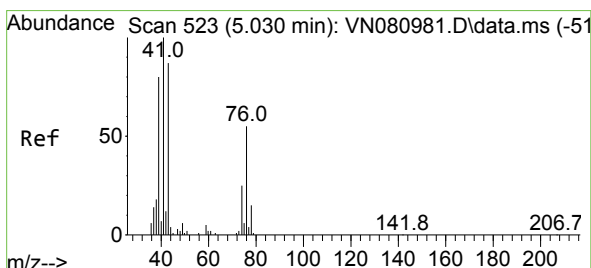
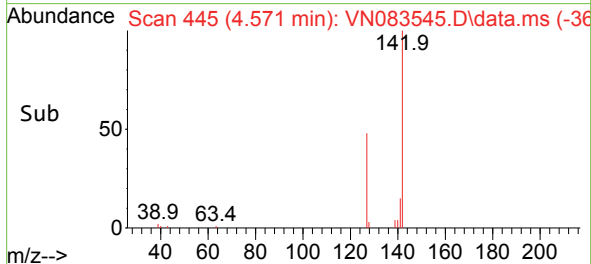
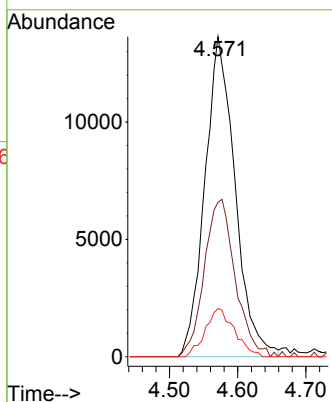


#11
Methyl Iodide
Concen: 16.907 ug/l
RT: 4.571 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :

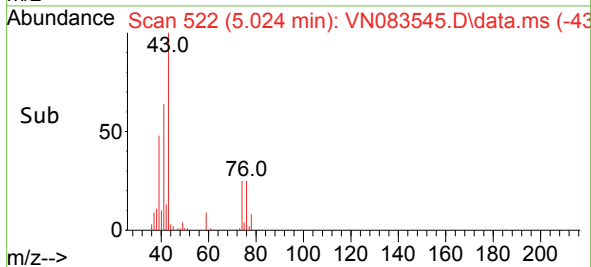
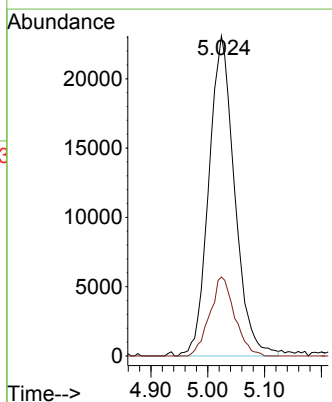
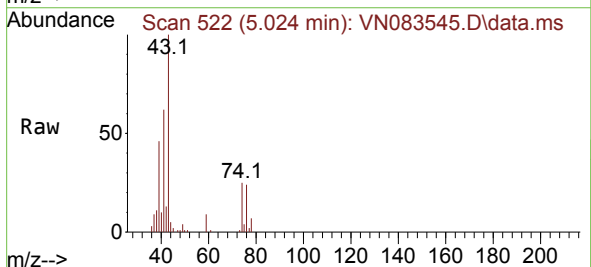


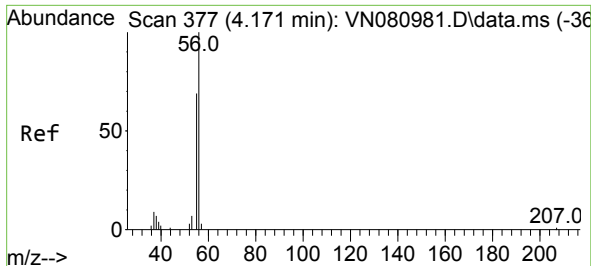
Tgt Ion:142 Resp: 41902
Ion Ratio Lower Upper
142 100
127 48.8 26.3 78.9
141 15.2 8.3 24.9



#12
Methyl Acetate
Concen: 23.551 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion: 43 Resp: 72792
Ion Ratio Lower Upper
43 100
74 24.8 27.7 41.5#





#13

Acrolein

Concen: 89.820 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

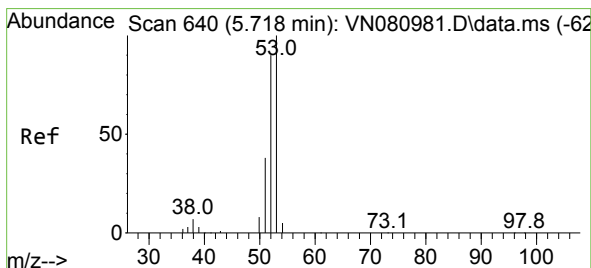
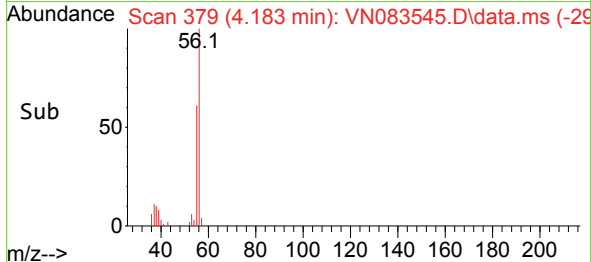
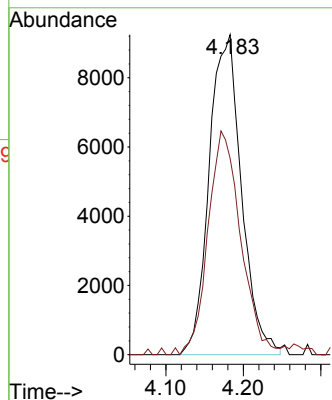
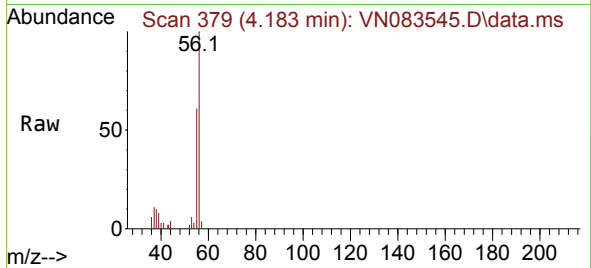
ClientSampleId :

Tgt Ion: 56 Resp: 26775

Ion Ratio Lower Upper

56 100

55 70.7 55.5 83.3



#14

Acrylonitrile

Concen: 106.134 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

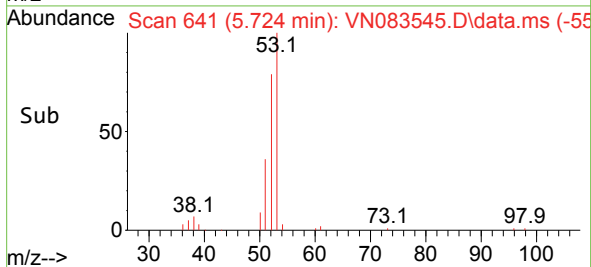
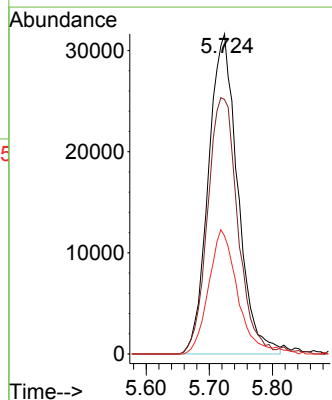
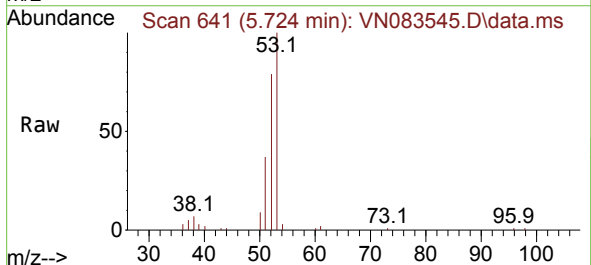
Tgt Ion: 53 Resp: 101865

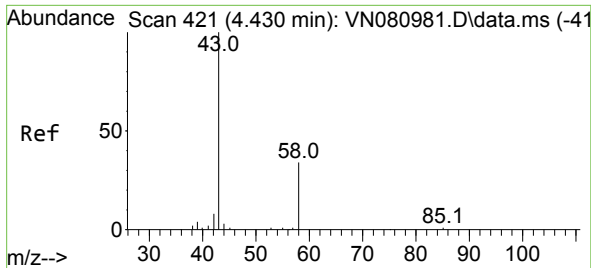
Ion Ratio Lower Upper

53 100

52 82.3 41.3 123.9

51 37.9 16.8 50.3





#15

Acetone

Concen: 86.570 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

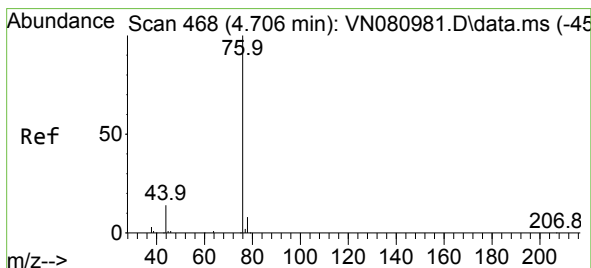
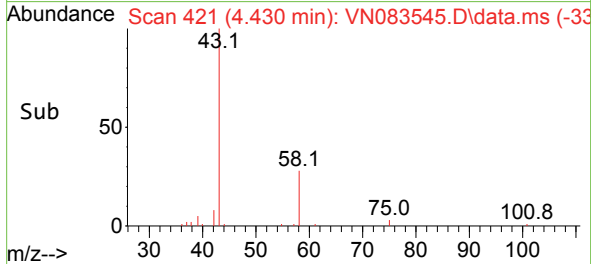
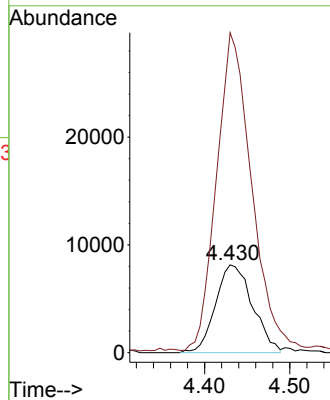
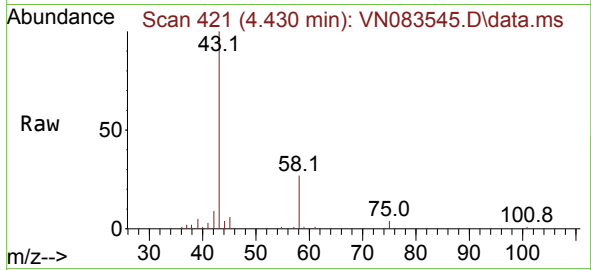
ClientSampleId :

Tgt Ion: 58 Resp: 24584

Ion Ratio Lower Upper

58 100

43 361.5 223.1 334.7#



#16

Carbon Disulfide

Concen: 18.504 ug/l

RT: 4.695 min Scan# 466

Delta R.T. -0.012 min

Lab File: VN083545.D

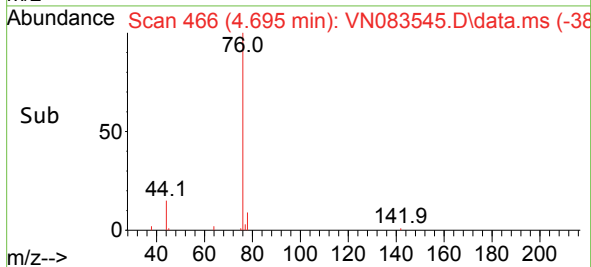
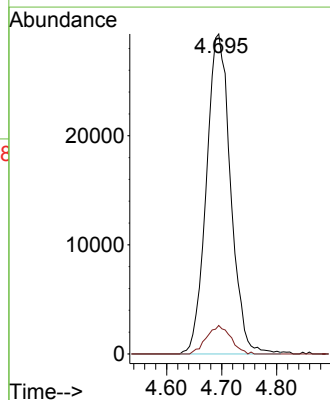
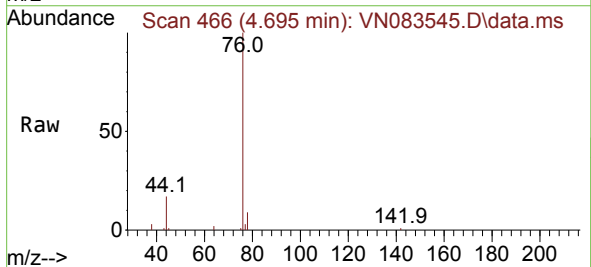
Acq: 28 Aug 2024 18:57

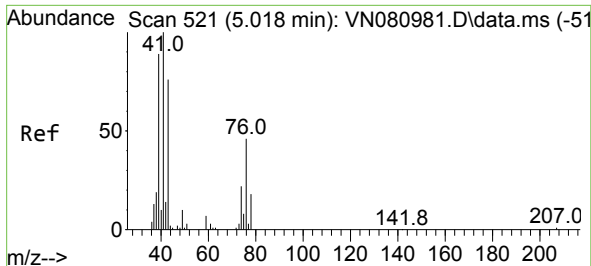
Tgt Ion: 76 Resp: 89779

Ion Ratio Lower Upper

76 100

78 8.9 6.3 9.5





#17

Allyl chloride

Concen: 19.827 ug/l

RT: 5.012 min Scan# 51

Delta R.T. -0.006 min

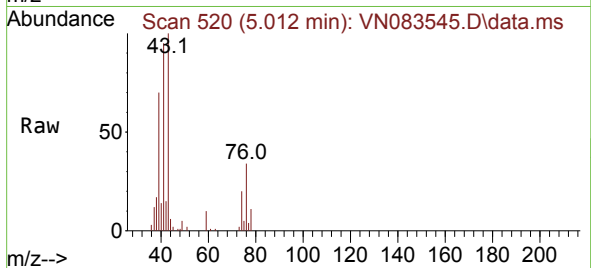
Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

ClientSampleId :



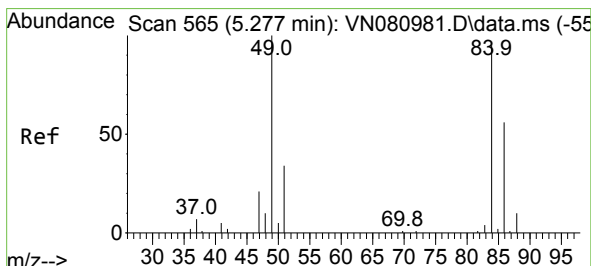
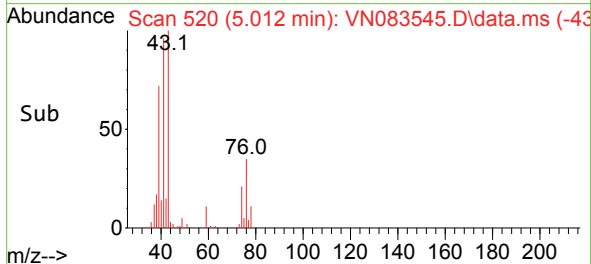
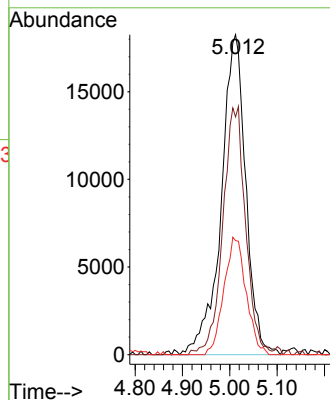
Tgt Ion: 41 Resp: 65922

Ion Ratio Lower Upper

41 100

39 74.3 37.6 112.9

76 35.6 27.8 83.4



#18

Methylene Chloride

Concen: 20.384 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Tgt Ion: 84 Resp: 40710

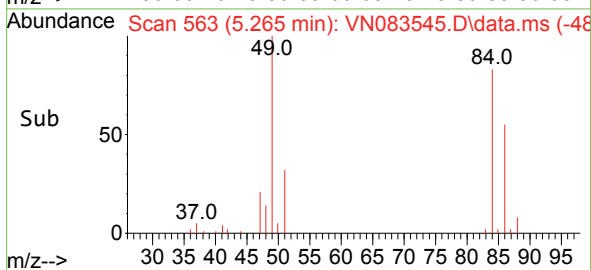
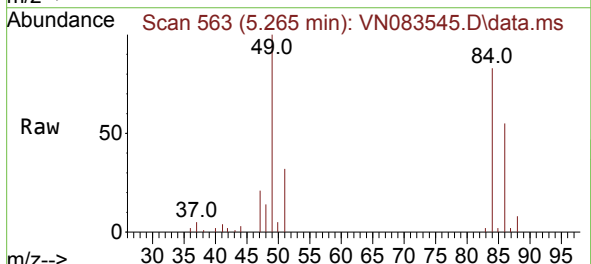
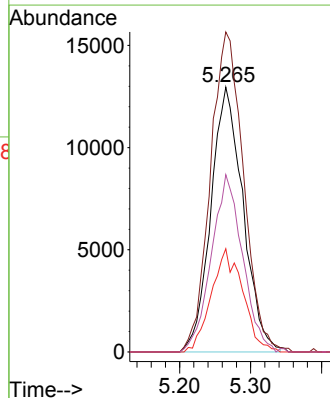
Ion Ratio Lower Upper

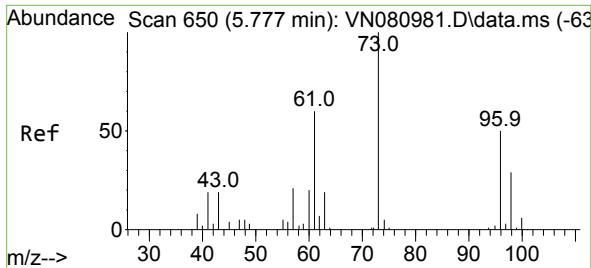
84 100

49 120.8 86.0 129.0

51 39.0 30.0 45.0

86 66.9 53.0 79.4

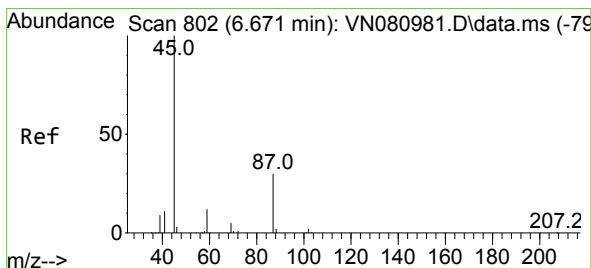
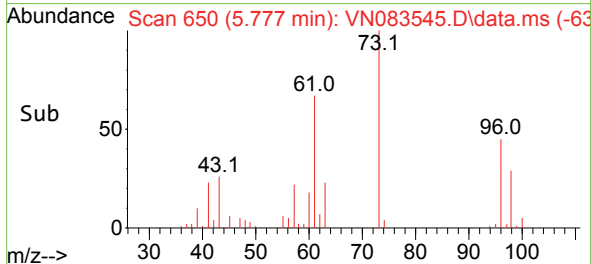
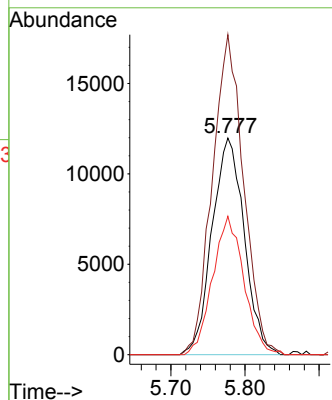
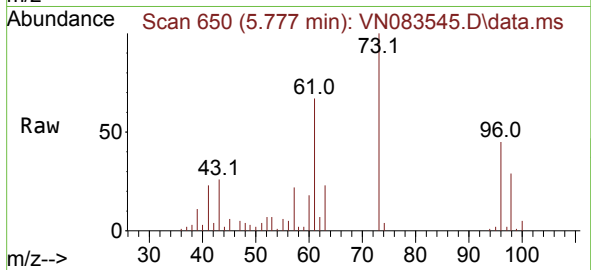




#19
trans-1,2-Dichloroethene
Concen: 19.453 ug/l
RT: 5.777 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

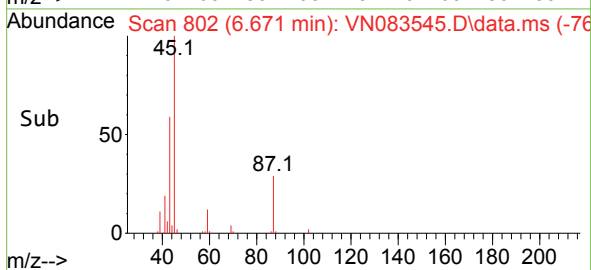
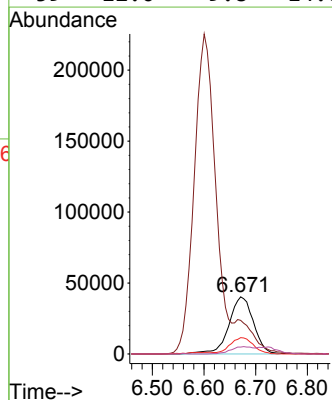
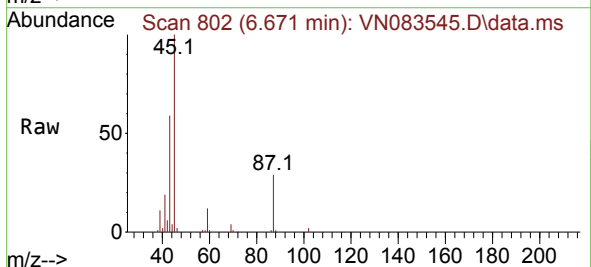
Instrument :
MSVOA_N
ClientSampleId :

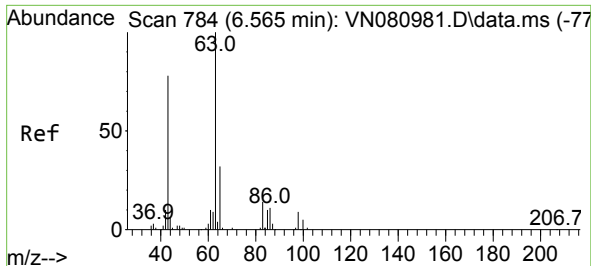
Tgt Ion: 96 Resp: 36108
Ion Ratio Lower Upper
96 100
61 147.7 111.8 167.6
98 63.9 49.2 73.8



#20
Diisopropyl ether
Concen: 20.593 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

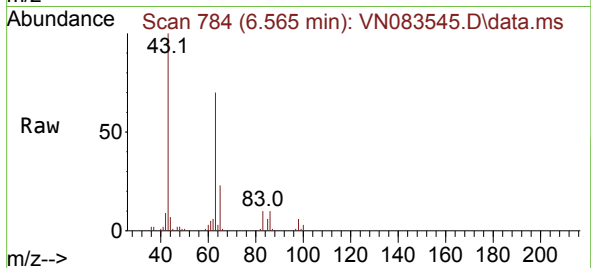
Tgt Ion: 45 Resp: 133150
Ion Ratio Lower Upper
45 100
43 55.3 40.4 60.6
87 28.3 23.8 35.8
59 12.0 9.8 14.6



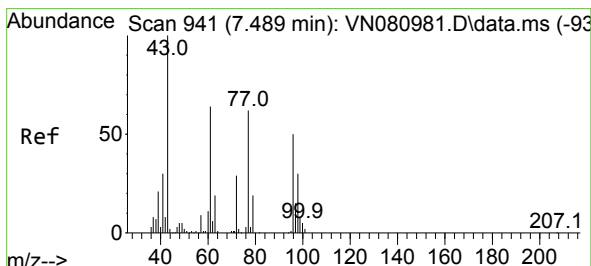
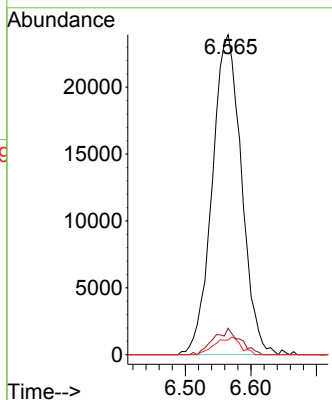
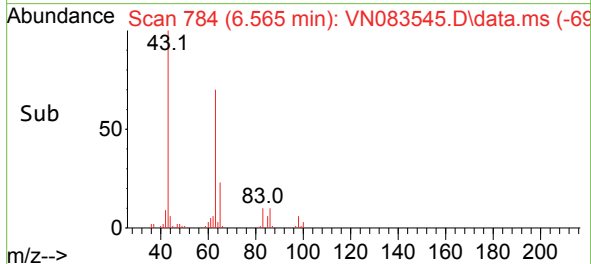


#21
1,1-Dichloroethane
Concen: 20.289 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

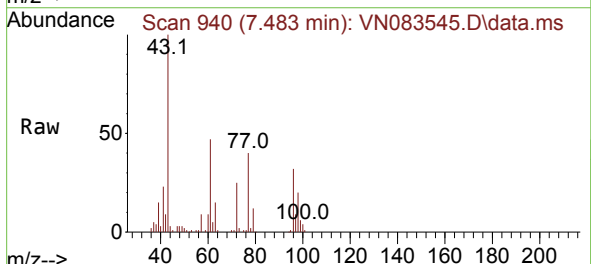
Instrument :
MSVOA_N
ClientSampleId :



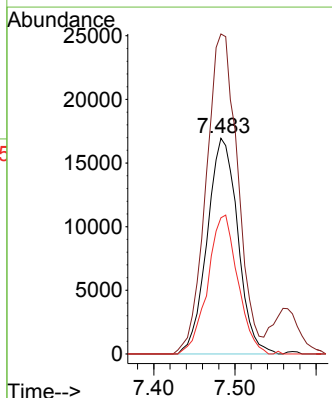
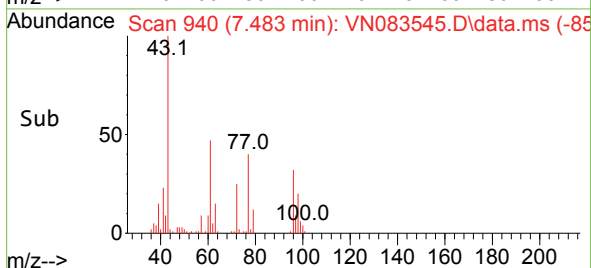
Tgt Ion: 63 Resp: 74063
Ion Ratio Lower Upper
63 100
98 8.2 4.1 12.3
100 4.6 3.0 9.0

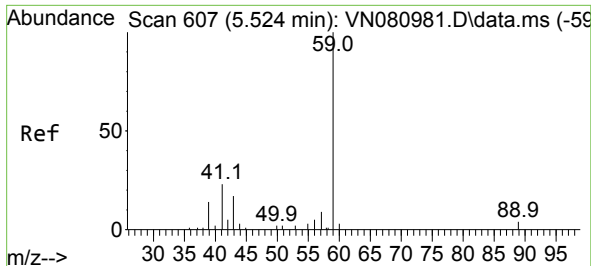


#22
cis-1,2-Dichloroethene
Concen: 19.347 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57



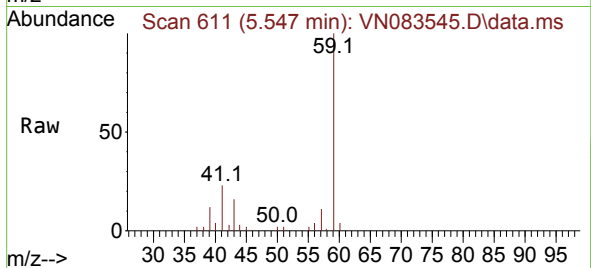
Tgt Ion: 96 Resp: 44426
Ion Ratio Lower Upper
96 100
61 153.5 113.5 170.3
98 63.0 52.0 78.0



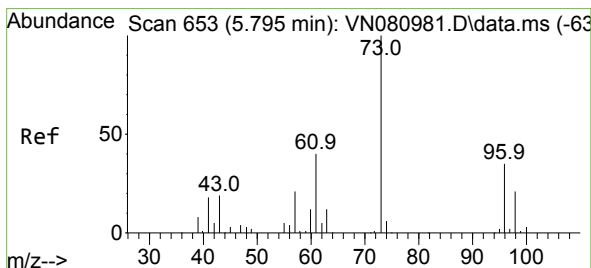
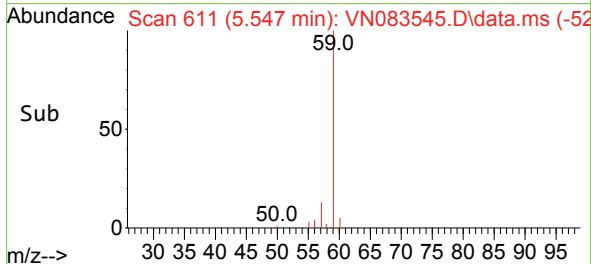
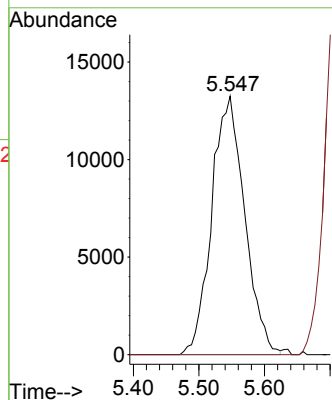


#23
tert-Butyl Alcohol
Concen: 114.322 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.024 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :

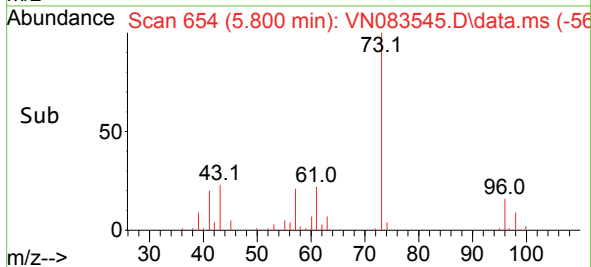
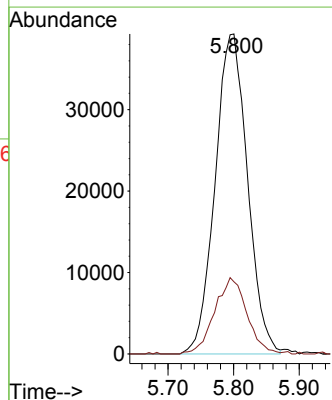
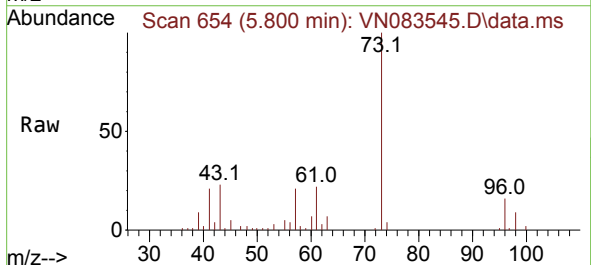


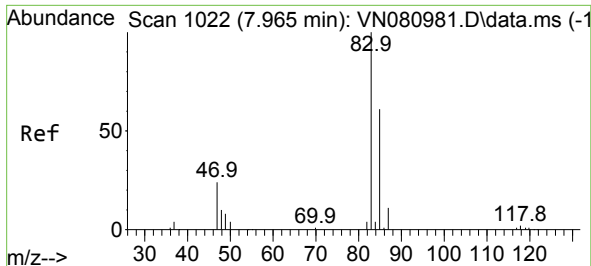
Tgt Ion: 59 Resp: 46294
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.234 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion: 73 Resp: 134945
Ion Ratio Lower Upper
73 100
43 23.7 13.4 20.2#





#25

Chloroform

Concen: 19.903 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

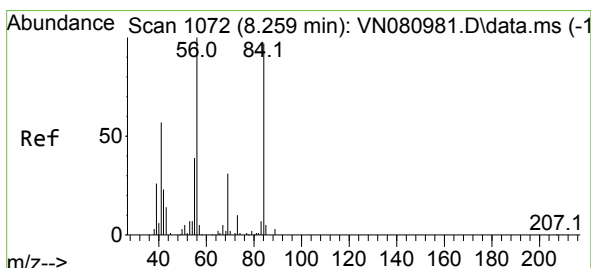
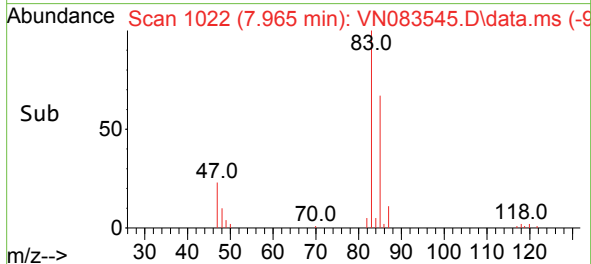
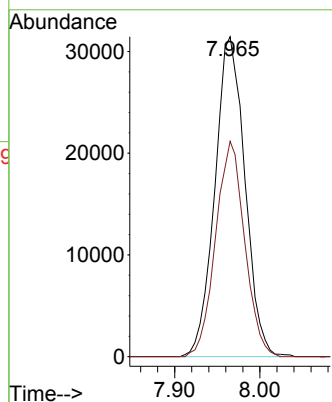
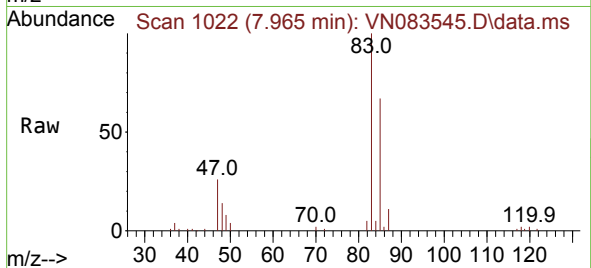
ClientSampleId :

Tgt Ion: 83 Resp: 77035

Ion Ratio Lower Upper

83 100

85 67.3 50.9 76.3



#26

Cyclohexane

Concen: 19.778 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

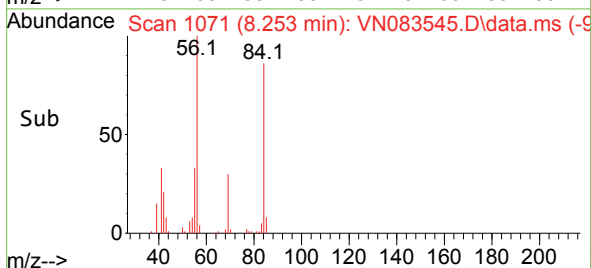
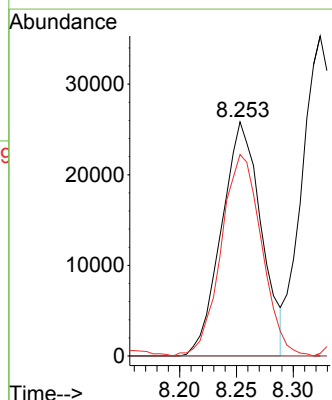
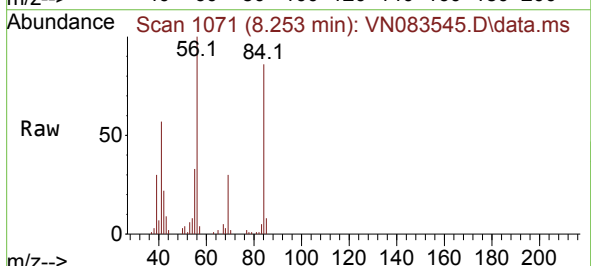
Tgt Ion: 56 Resp: 62766

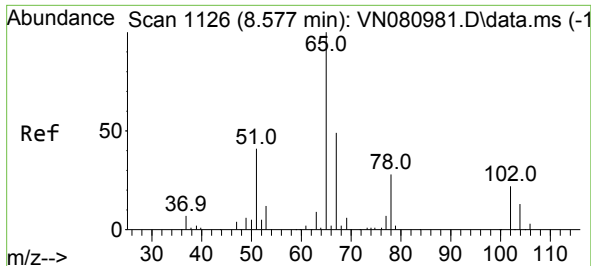
Ion Ratio Lower Upper

56 100

89 0.0 19.3 28.9#

84 87.7 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 30.337 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

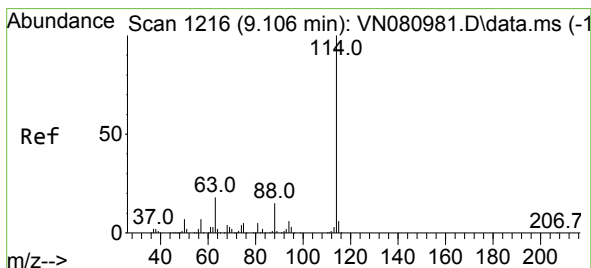
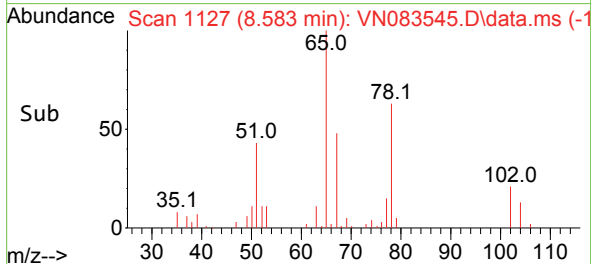
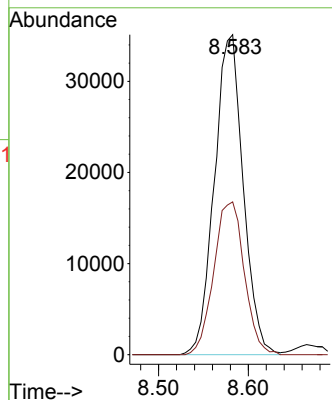
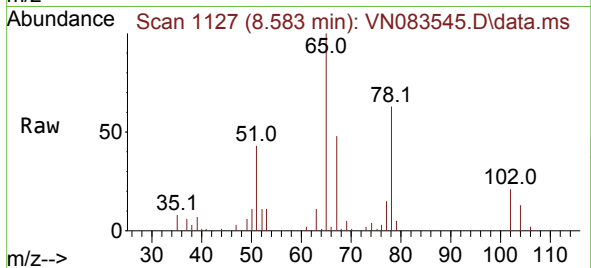
ClientSampleId :

Tgt Ion: 65 Resp: 78325

Ion Ratio Lower Upper

65 100

67 50.5 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

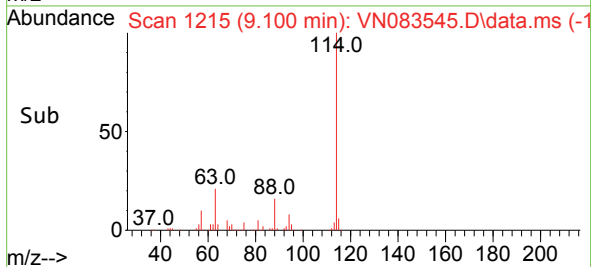
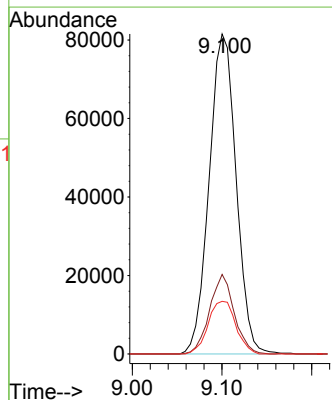
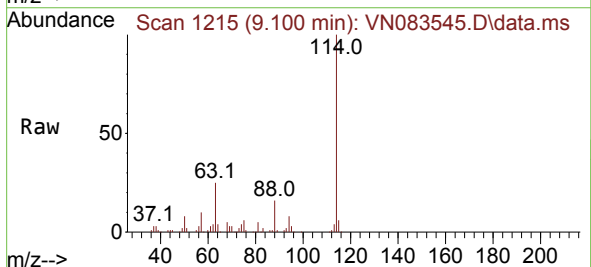
Tgt Ion: 114 Resp: 170106

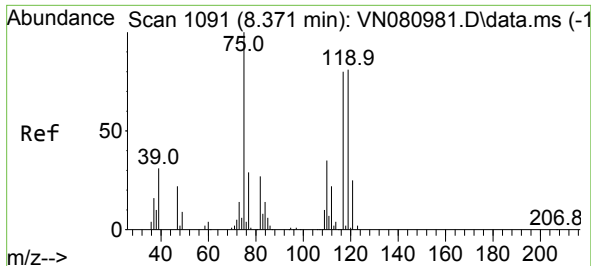
Ion Ratio Lower Upper

114 100

63 22.7 15.9 23.9

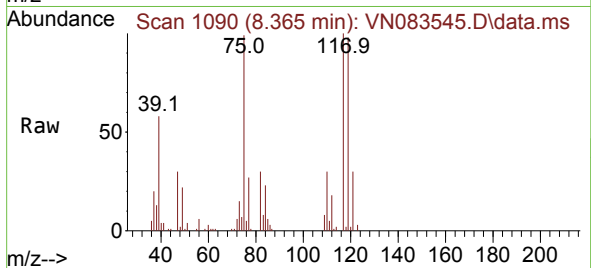
88 16.9 12.7 19.1



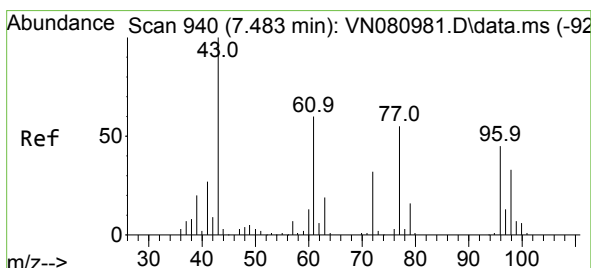
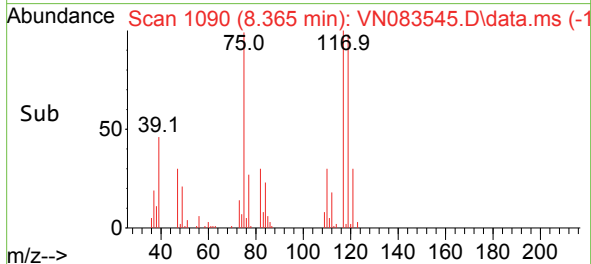
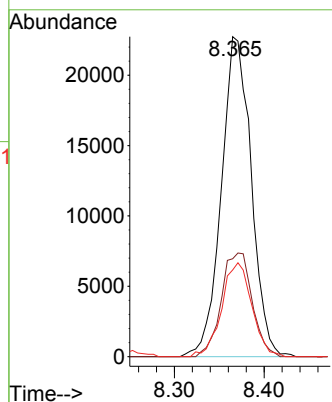


#29
1,1-Dichloropropene
Concen: 19.670 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :

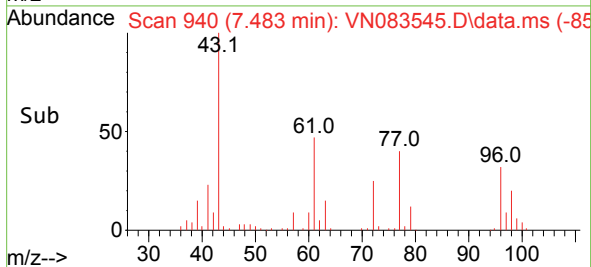
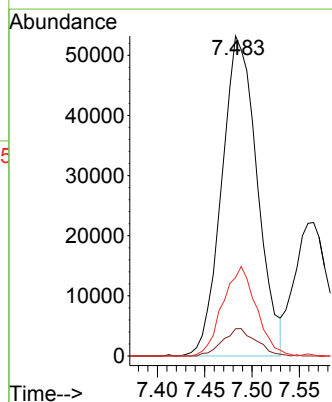
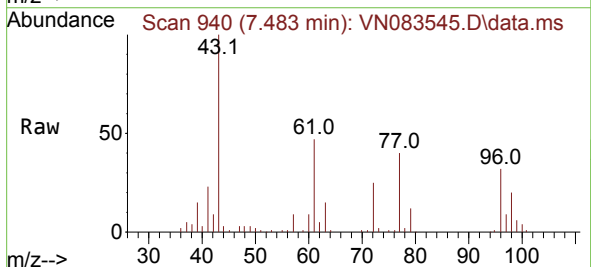


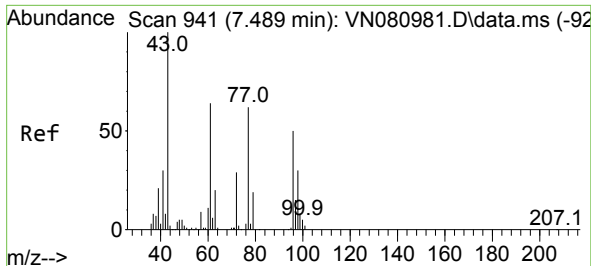
Tgt Ion: 75 Resp: 52492
Ion Ratio Lower Upper
75 100
110 33.5 0.0 70.2
77 29.6 0.0 61.4



#30
2-Butanone
Concen: 101.204 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

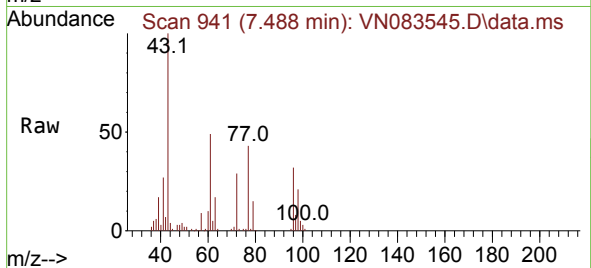
Tgt Ion: 43 Resp: 138557
Ion Ratio Lower Upper
43 100
57 8.0 6.7 10.1
72 26.5 24.0 36.0



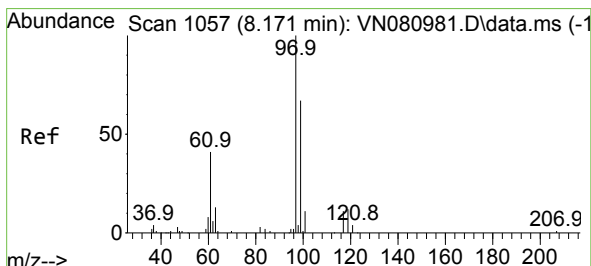
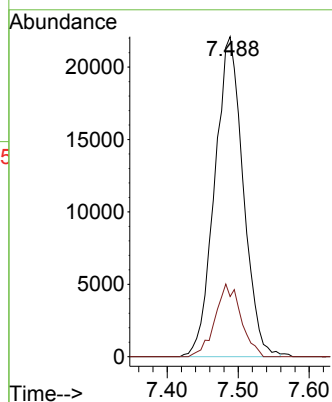
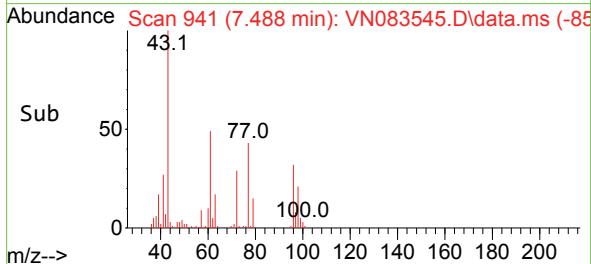


#31
2,2-Dichloropropane
Concen: 17.770 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :

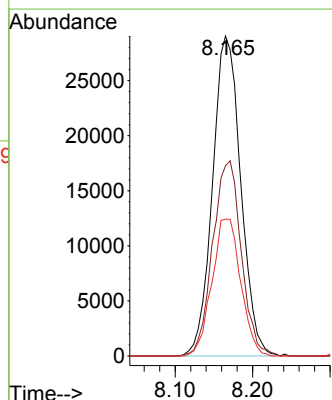
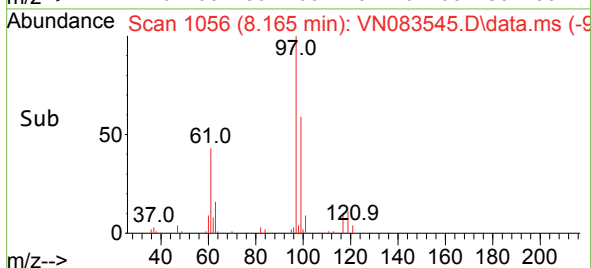
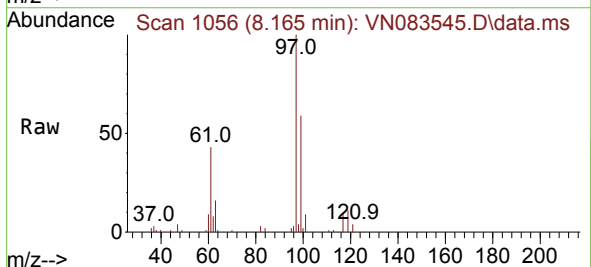


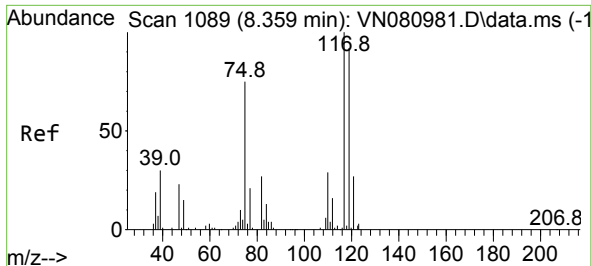
Tgt Ion: 77 Resp: 61491
Ion Ratio Lower Upper
77 100
97 20.6 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 20.613 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

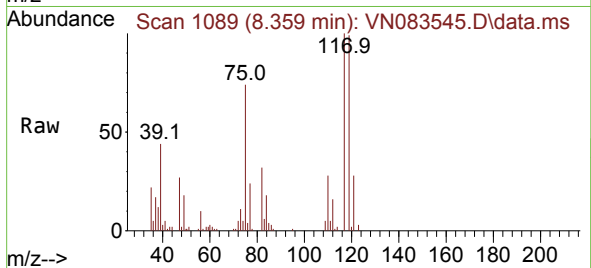
Tgt Ion: 97 Resp: 73519
Ion Ratio Lower Upper
97 100
99 61.9 51.0 76.4
61 43.7 33.8 50.8



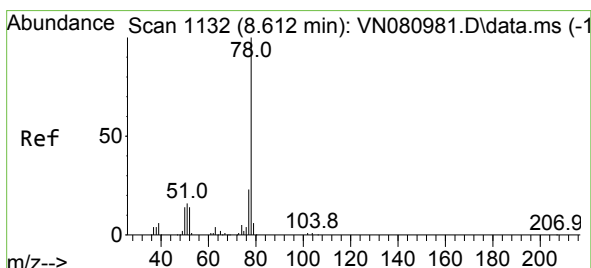
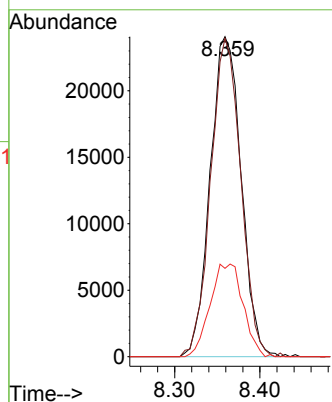
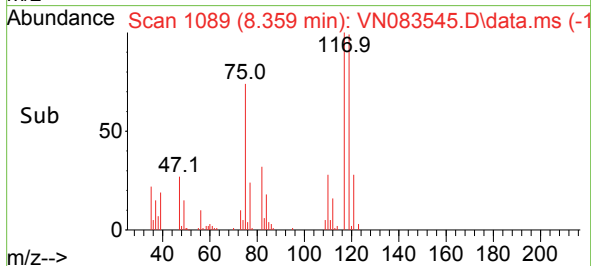


#33
Carbon Tetrachloride
Concen: 19.576 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :

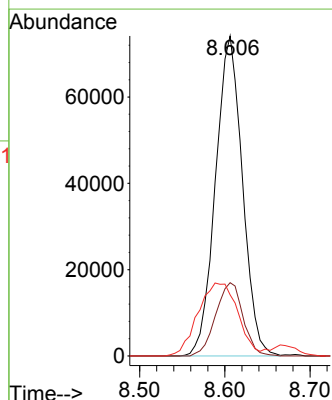
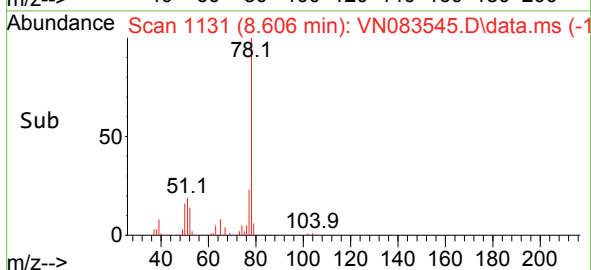
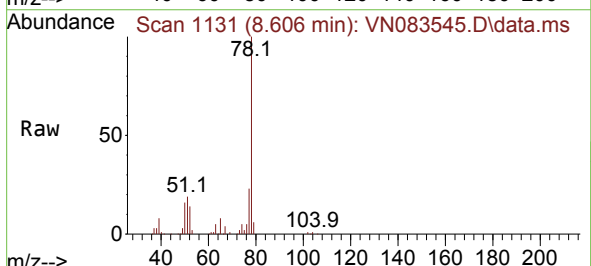


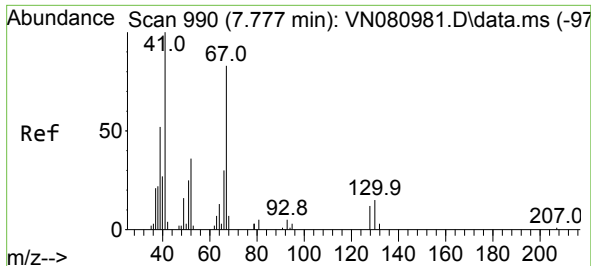
Tgt Ion:117 Resp: 60794
Ion Ratio Lower Upper
117 100
119 99.4 77.7 116.5
121 27.6 27.0 40.6



#34
Benzene
Concen: 20.092 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

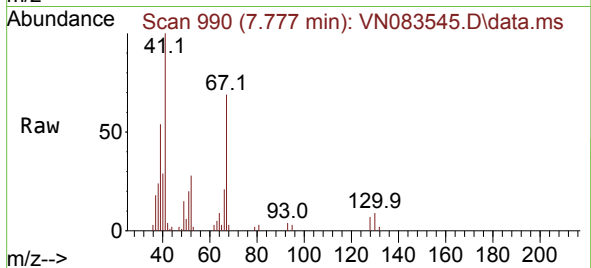
Tgt Ion: 78 Resp: 162708
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8
51 17.4 13.3 19.9





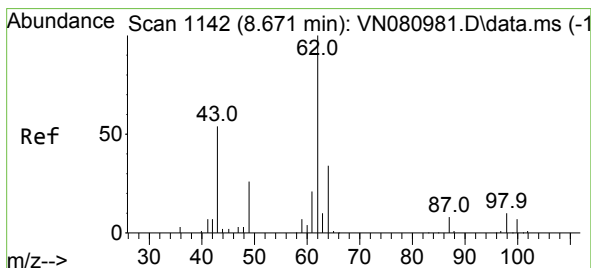
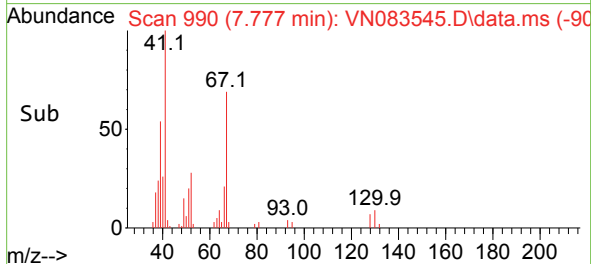
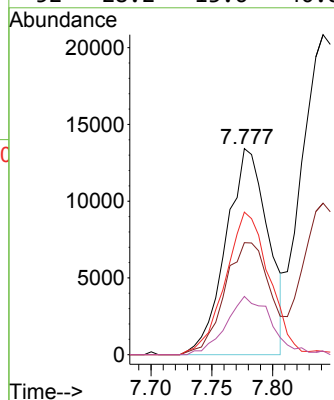
#35
Methacrylonitrile
Concen: 20.438 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 41 Resp: 32377

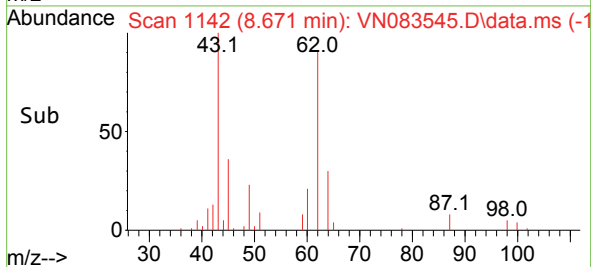
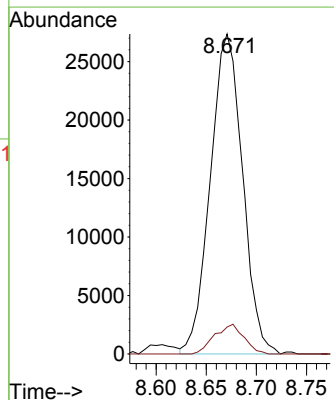
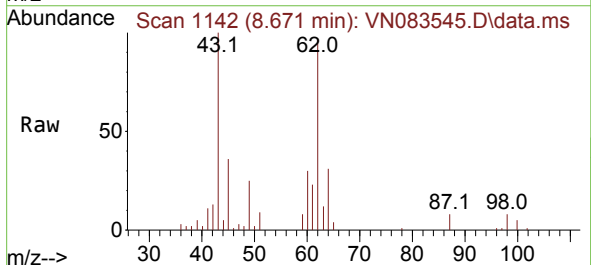
Ion	Ratio	Lower	Upper
41	100		
39	54.3	25.3	75.9
67	69.2	38.7	116.1
52	28.2	13.6	40.8

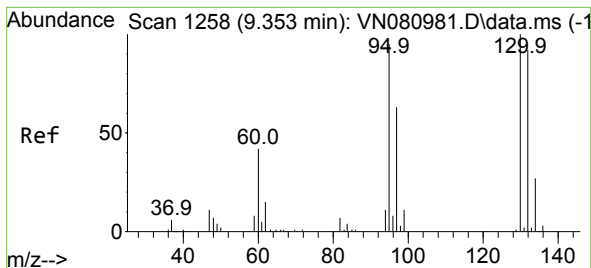


#36
1,2-Dichloroethane
Concen: 20.269 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion: 62 Resp: 61201

Ion	Ratio	Lower	Upper
62	100		
98	8.5	8.2	12.4





#37

Trichloroethene

Concen: 20.063 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

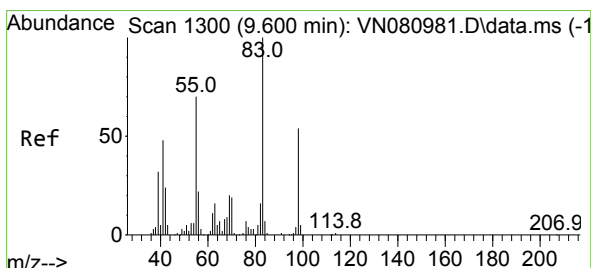
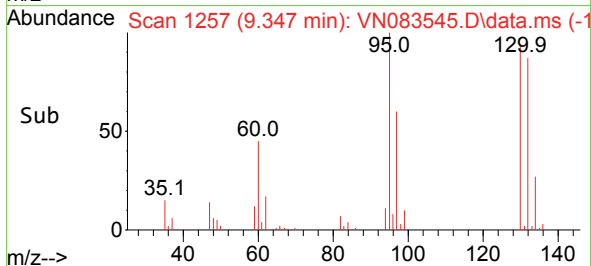
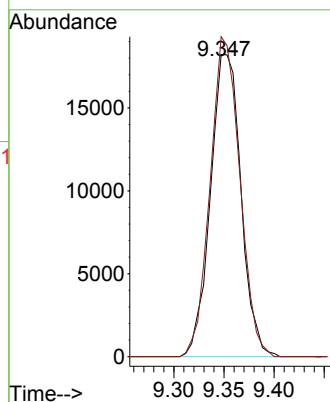
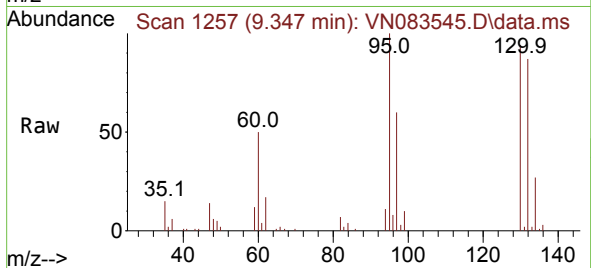
ClientSampleId :

Tgt Ion:130 Resp: 38503

Ion Ratio Lower Upper

130 100

95 105.9 80.2 120.4



#38

Methylcyclohexane

Concen: 18.873 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

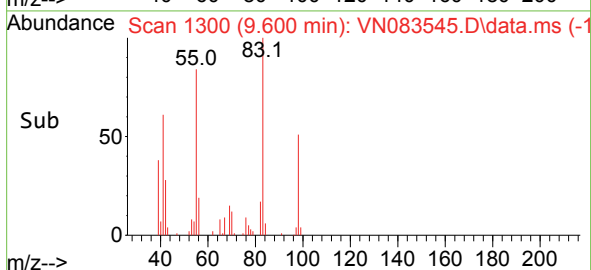
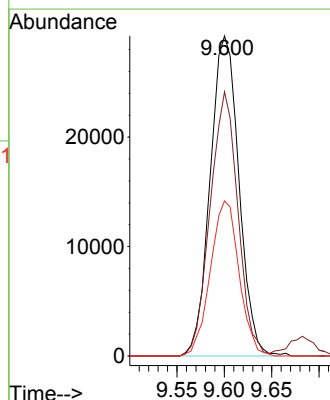
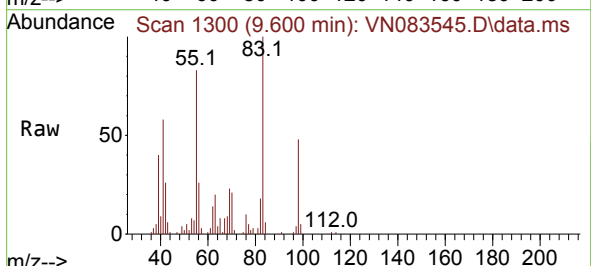
Tgt Ion: 83 Resp: 61765

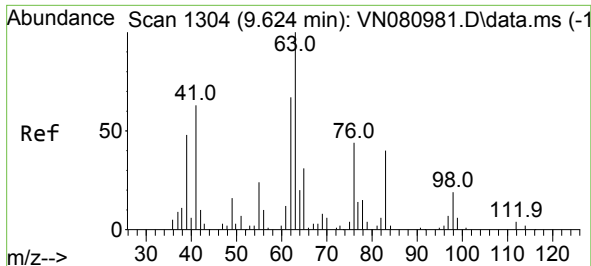
Ion Ratio Lower Upper

83 100

55 79.6 36.6 109.9

98 48.4 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.376 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

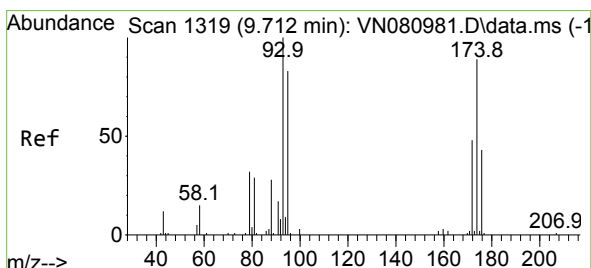
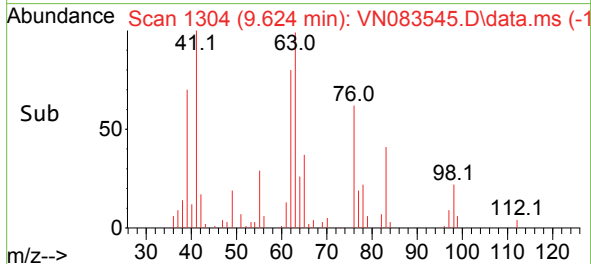
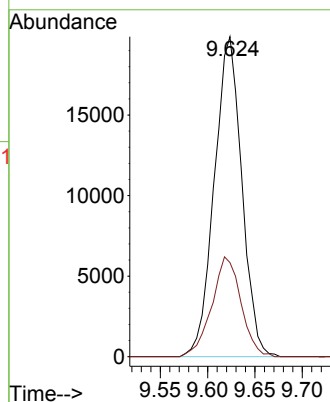
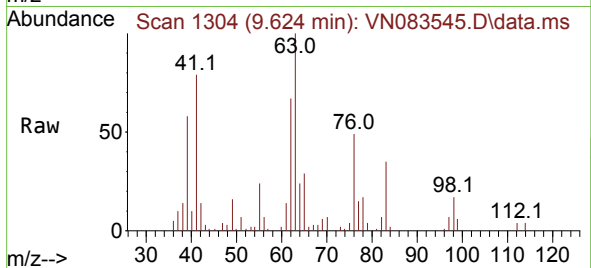
ClientSampleId :

Tgt Ion: 63 Resp: 40118

Ion Ratio Lower Upper

63 100

65 29.4 25.0 37.4



#40

Dibromomethane

Concen: 20.257 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

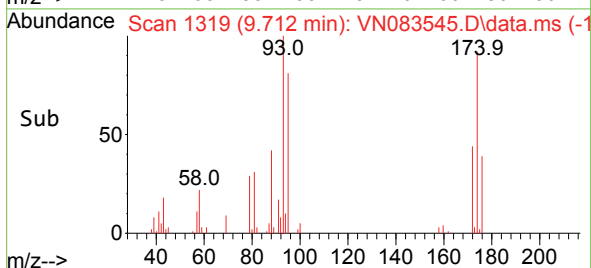
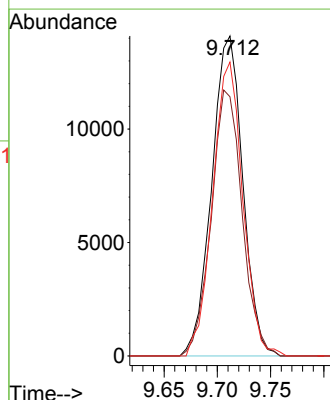
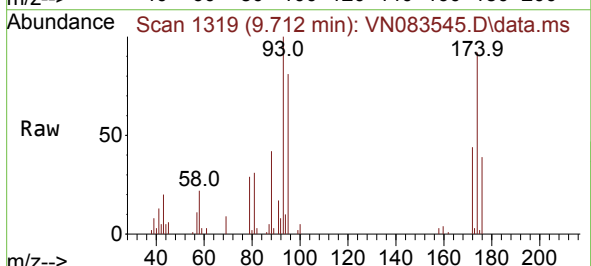
Tgt Ion: 93 Resp: 28630

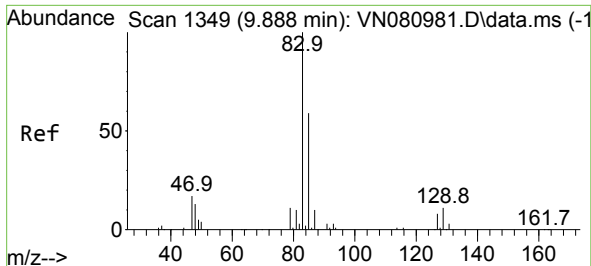
Ion Ratio Lower Upper

93 100

95 82.6 0.0 164.6

174 89.0 0.0 193.2

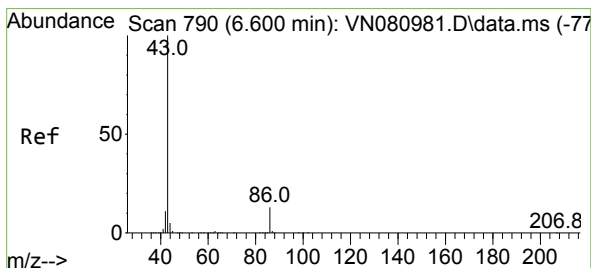
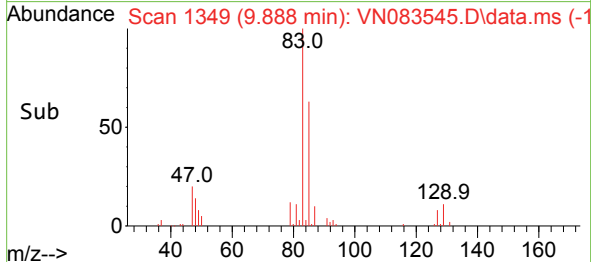
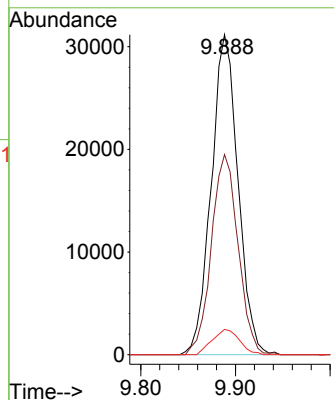
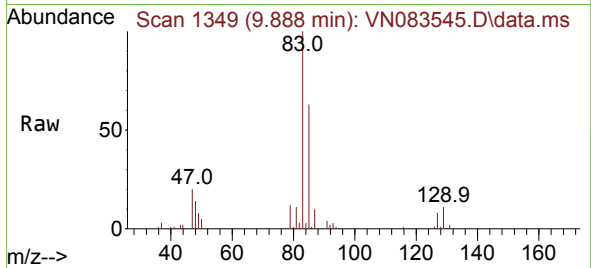




#41
Bromodichloromethane
Concen: 20.041 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

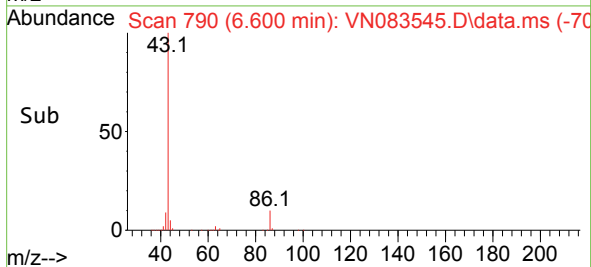
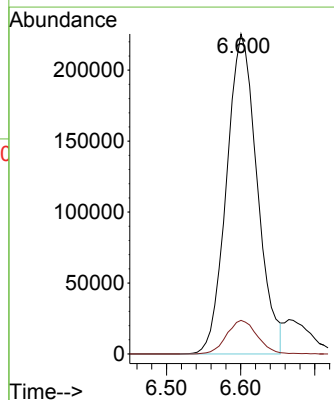
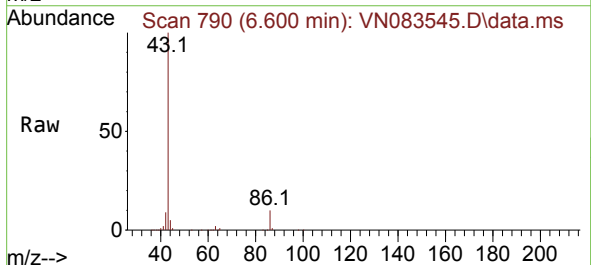
Instrument :
MSVOA_N
ClientSampleId :

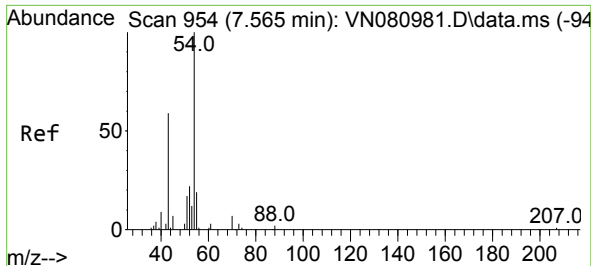
Tgt Ion: 83 Resp: 61215
Ion Ratio Lower Upper
83 100
85 62.6 49.4 74.2
127 7.9 7.3 10.9



#42
Vinyl Acetate
Concen: 96.223 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

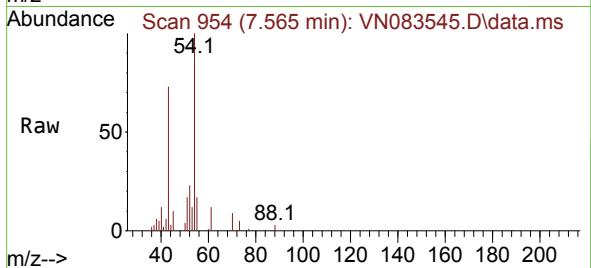
Tgt Ion: 43 Resp: 646497
Ion Ratio Lower Upper
43 100
86 10.5 9.4 14.2



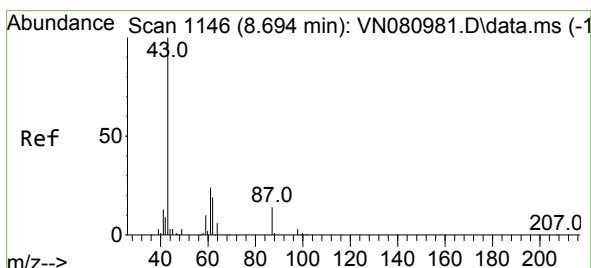
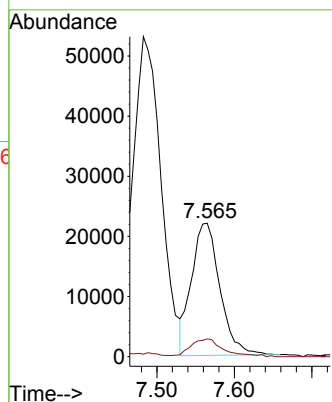
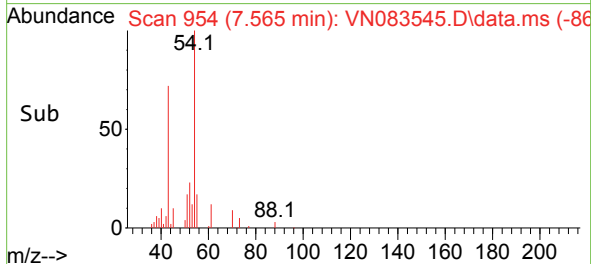


#43
Ethyl Acetate
Concen: 21.331 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :

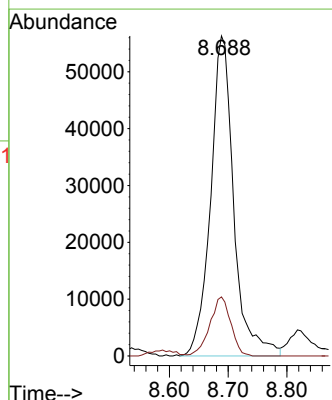
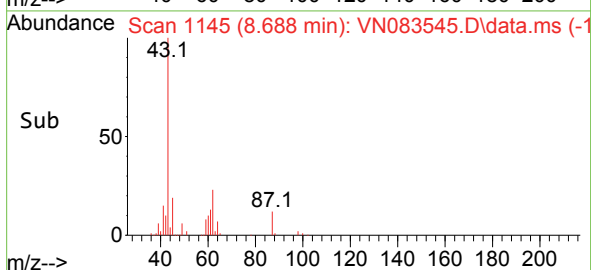
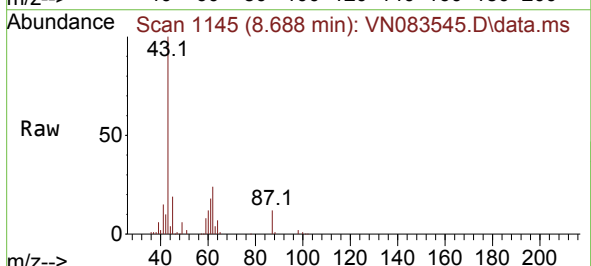


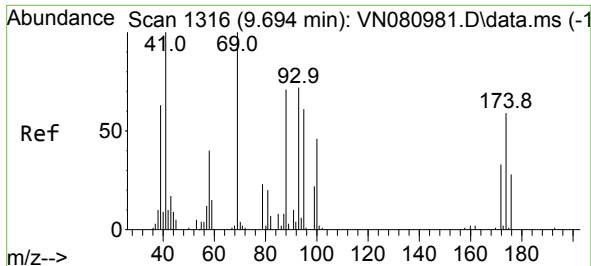
Tgt Ion: 43 Resp: 56091
Ion Ratio Lower Upper
43 100
45 15.1 10.6 15.8



#44
Isopropyl Acetate
Concen: 24.790 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

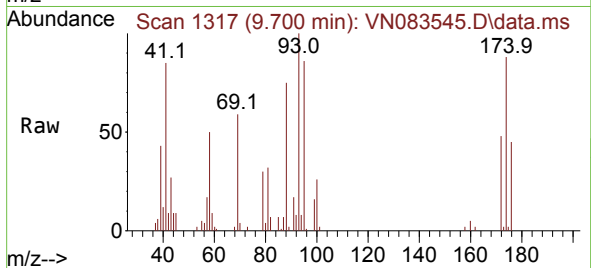
Tgt Ion: 43 Resp: 154006
Ion Ratio Lower Upper
43 100
61 16.7 25.0 37.4#



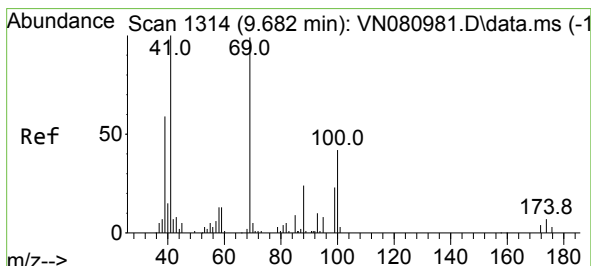
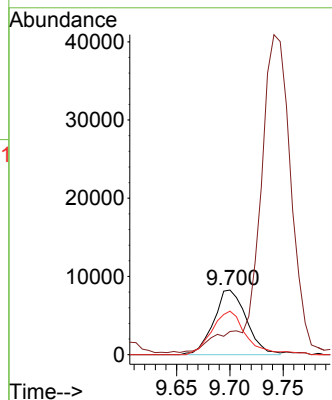
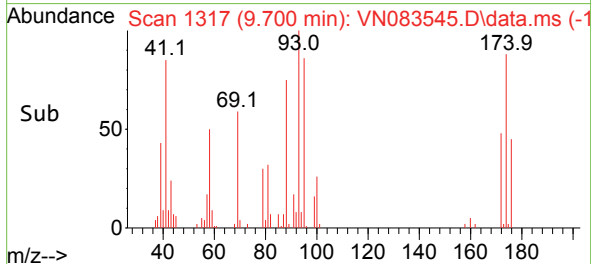


#45
1,4-Dioxane
Concen: 437.635 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

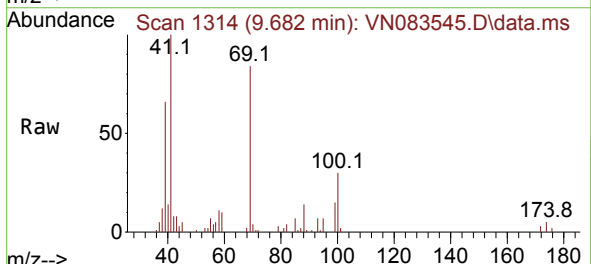
Instrument :
MSVOA_N
ClientSampleId :



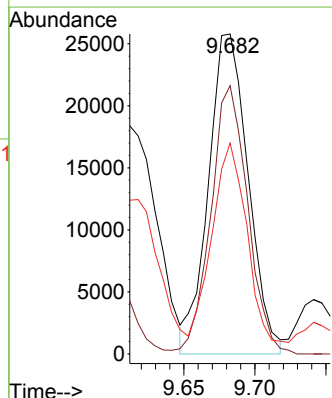
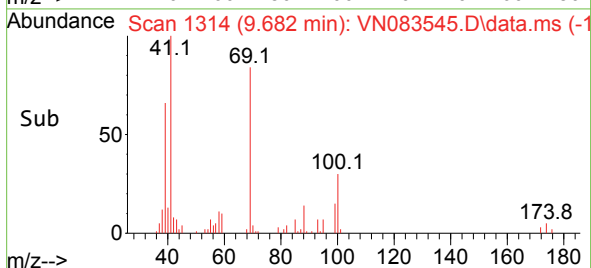
Tgt Ion: 88 Resp: 17630
Ion Ratio Lower Upper
88 100
43 33.3 19.8 29.6#
58 68.7 55.4 83.0

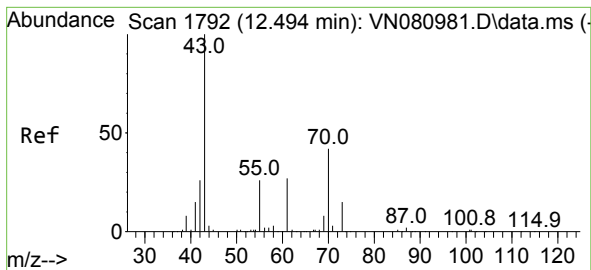


#46
Methyl methacrylate
Concen: 21.916 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57



Tgt Ion: 41 Resp: 50310
Ion Ratio Lower Upper
41 100
69 86.1 51.1 153.3
39 64.8 25.8 77.3





#47

n-amyl acetate

Concen: 20.641 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

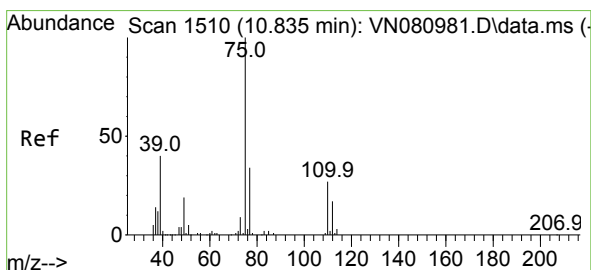
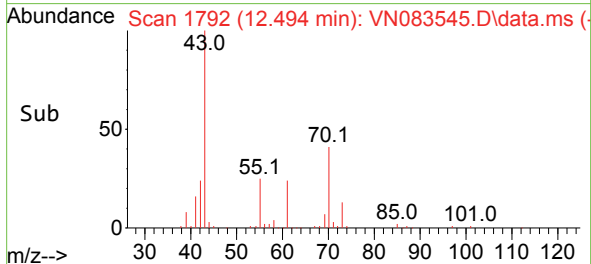
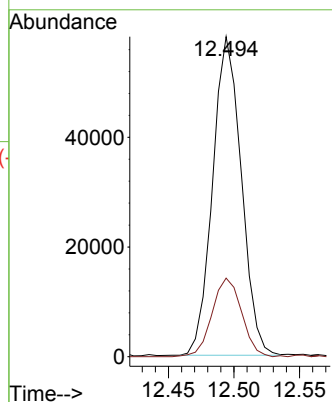
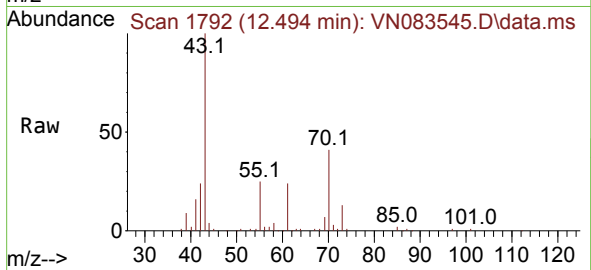
ClientSampleId :

Tgt Ion: 43 Resp: 88249

Ion Ratio Lower Upper

43 100

55 25.4 23.4 35.2



#48

t-1,3-Dichloropropene

Concen: 18.868 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN083545.D

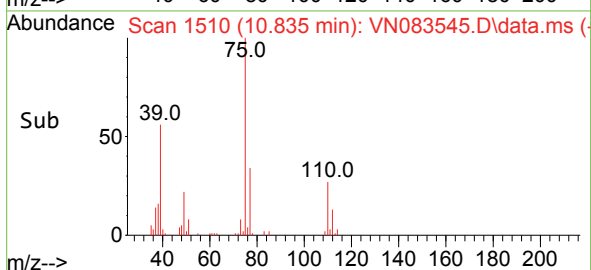
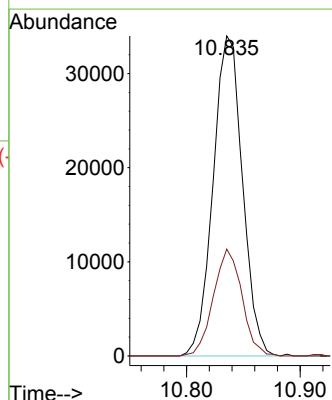
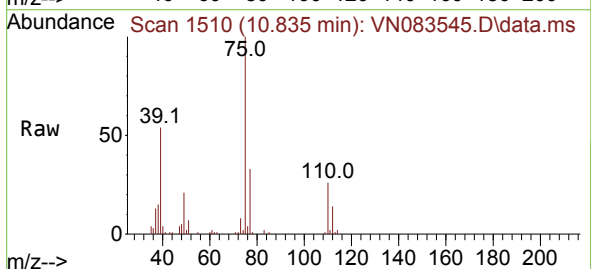
Acq: 28 Aug 2024 18:57

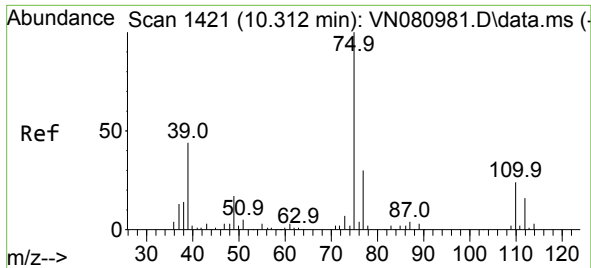
Tgt Ion: 75 Resp: 61118

Ion Ratio Lower Upper

75 100

77 33.4 23.8 35.6

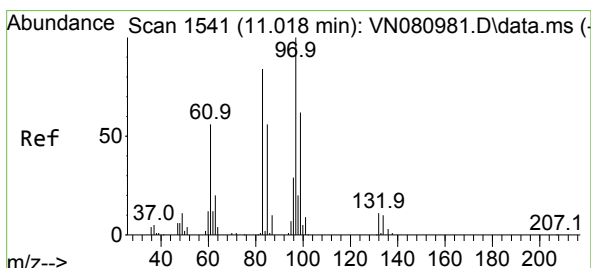
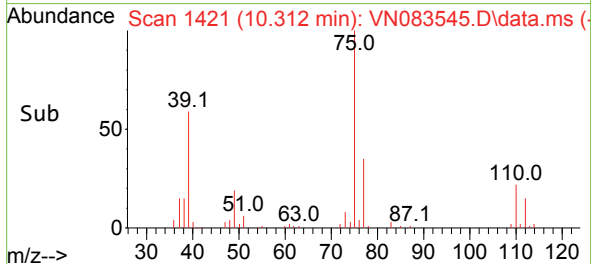
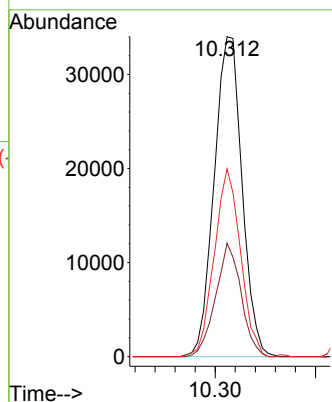
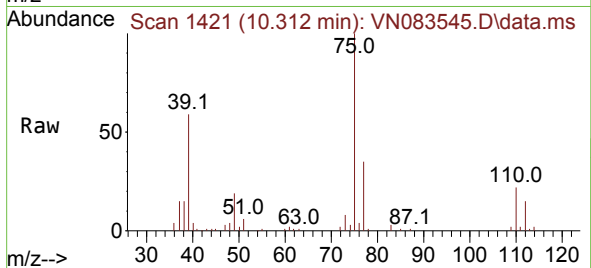




#49
 cis-1,3-Dichloropropene
 Concen: 19.425 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083545.D
 Acq: 28 Aug 2024 18:57

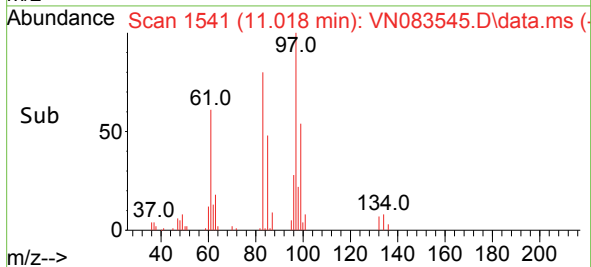
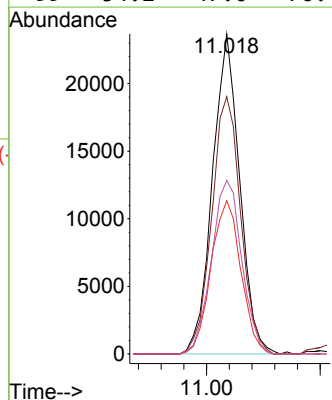
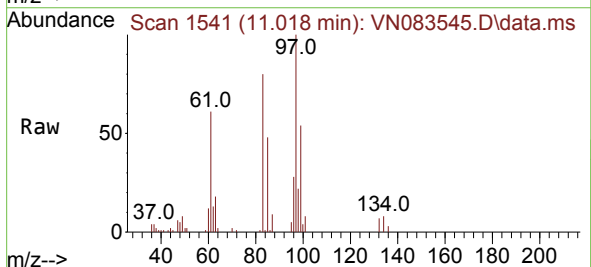
Instrument :
 MSVOA_N
 ClientSampleId :

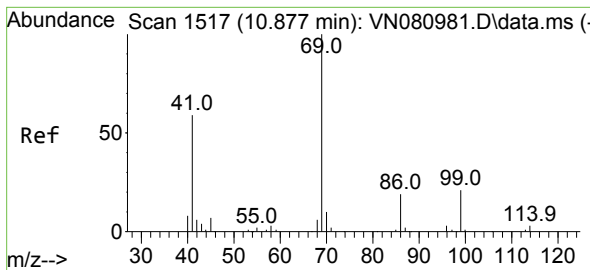
Tgt Ion: 75 Resp: 65590
 Ion Ratio Lower Upper
 75 100
 77 35.5 24.9 37.3
 39 58.7 31.0 46.6#



#50
 1,1,2-Trichloroethane
 Concen: 20.762 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN083545.D
 Acq: 28 Aug 2024 18:57

Tgt Ion: 97 Resp: 39326
 Ion Ratio Lower Upper
 97 100
 83 80.4 68.1 102.1
 85 47.9 41.8 62.6
 99 54.2 47.0 70.4

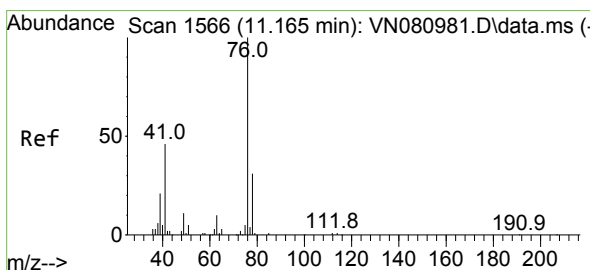
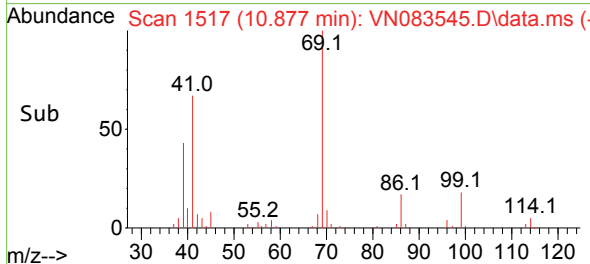
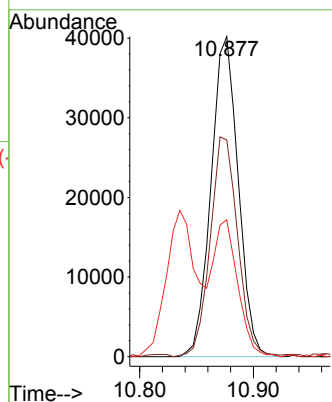
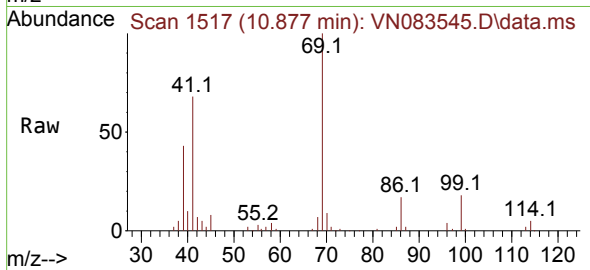




#51
Ethyl methacrylate
Concen: 20.261 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

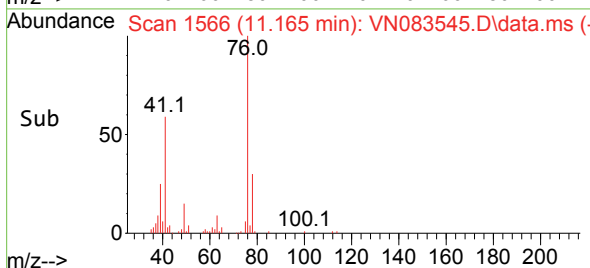
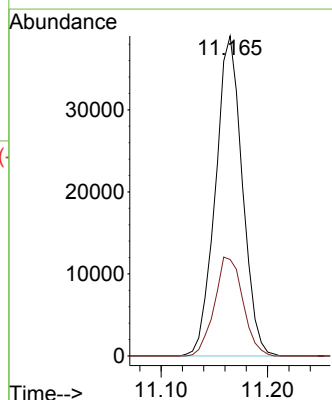
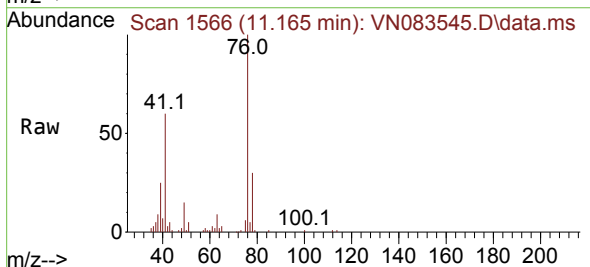
Instrument :
MSVOA_N
ClientSampleId :

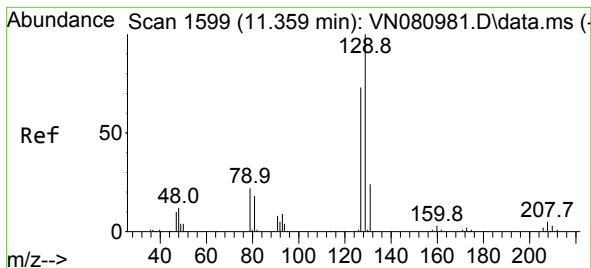
Tgt Ion: 69 Resp: 66929
Ion Ratio Lower Upper
69 100
41 67.3 25.5 76.5
39 42.8 16.0 47.9



#52
1,3-Dichloropropane
Concen: 20.645 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion: 76 Resp: 68282
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.8

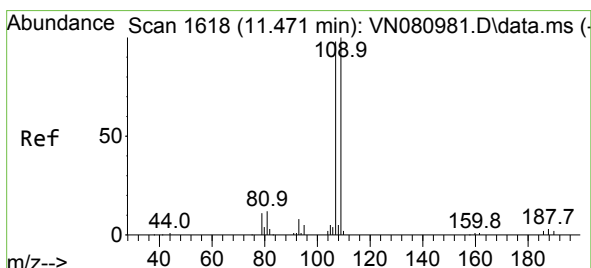
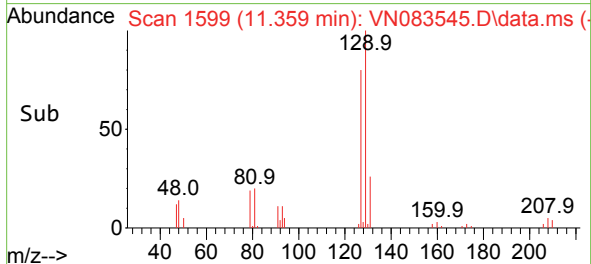
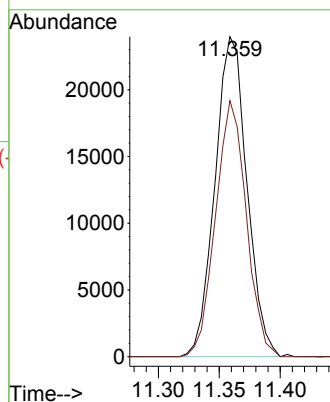
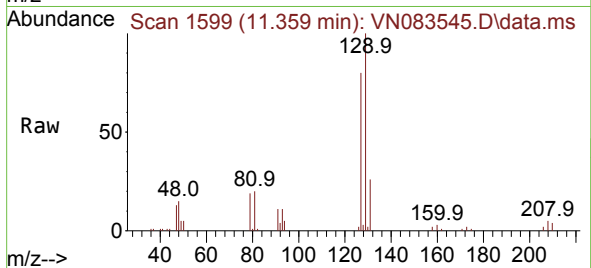




#53
Dibromochloromethane
Concen: 19.749 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

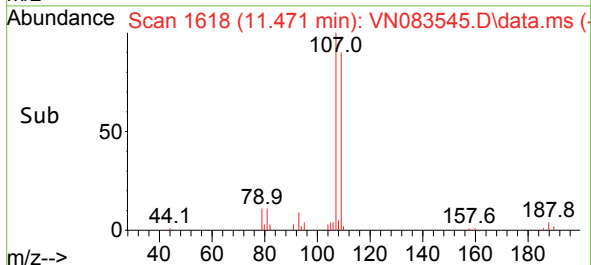
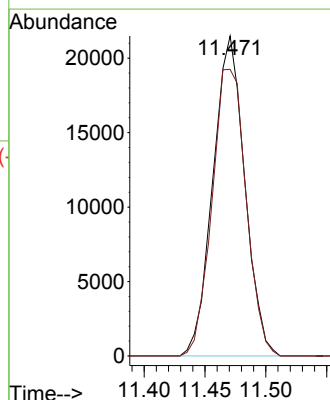
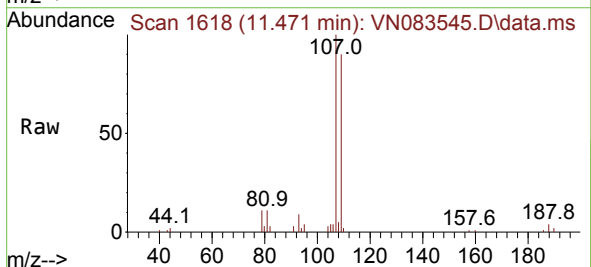
Instrument :
MSVOA_N
ClientSampleId :

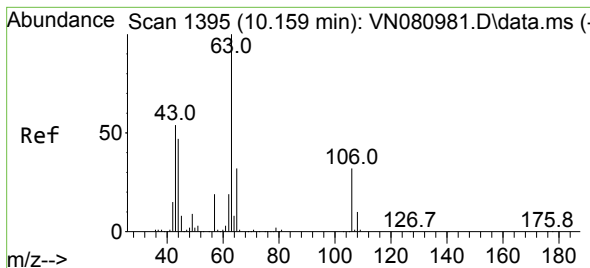
Tgt Ion:129 Resp: 43825
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.1



#54
1,2-Dibromoethane
Concen: 20.117 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion:107 Resp: 39040
Ion Ratio Lower Upper
107 100
109 95.9 74.7 112.1

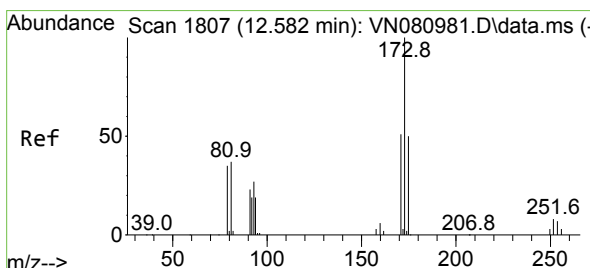
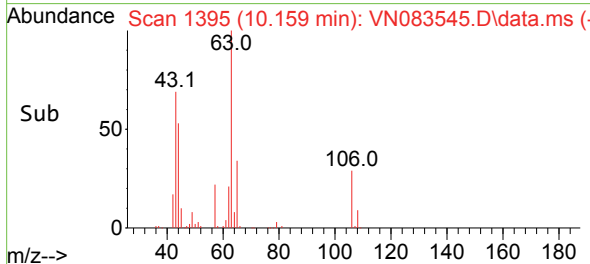
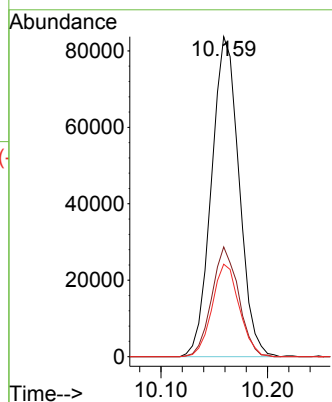
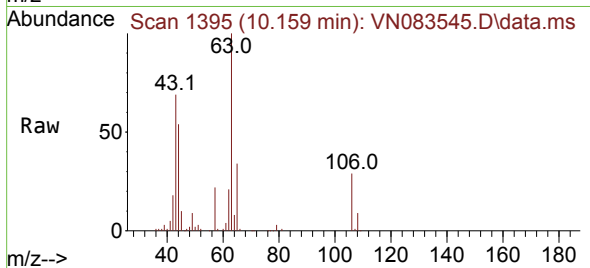




#55
2-Chloroethyl vinyl ether
Concen: 106.942 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

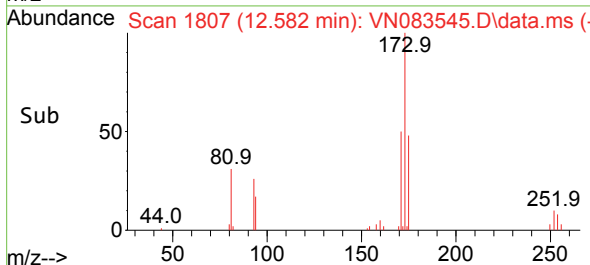
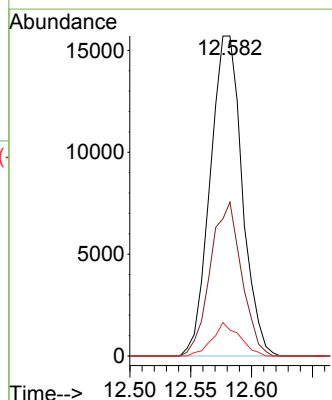
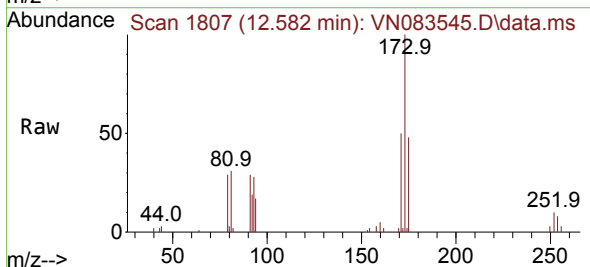
Instrument :
MSVOA_N
ClientSampleId :

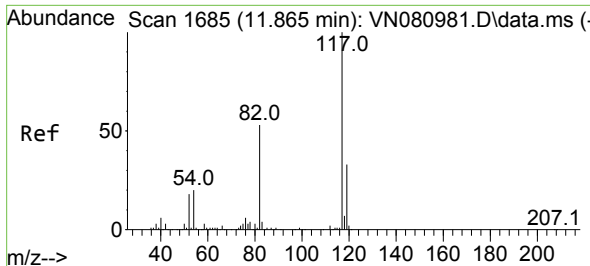
Tgt Ion: 63 Resp: 150395
Ion Ratio Lower Upper
63 100
65 33.3 26.2 39.2
106 28.5 23.8 35.8



#56
Bromoform
Concen: 19.838 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

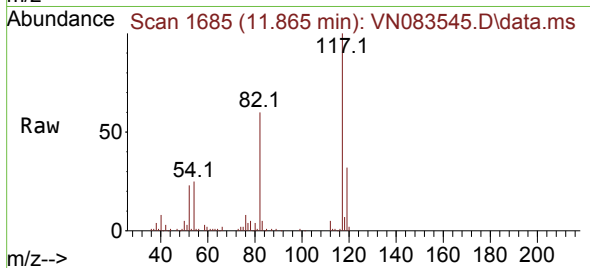
Tgt Ion:173 Resp: 28741
Ion Ratio Lower Upper
173 100
175 46.9 40.0 60.0
254 9.0 8.3 12.5



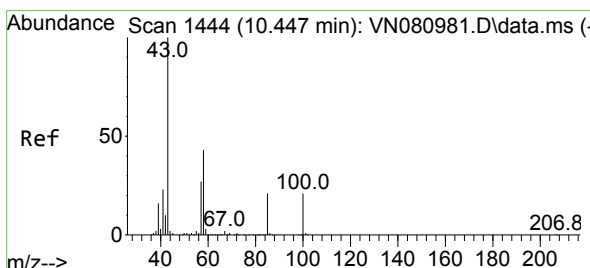
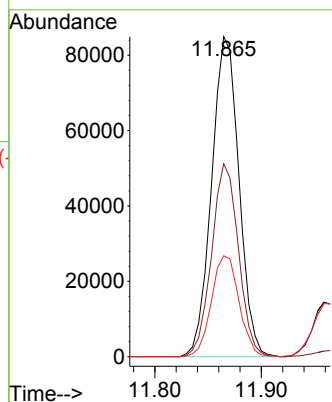
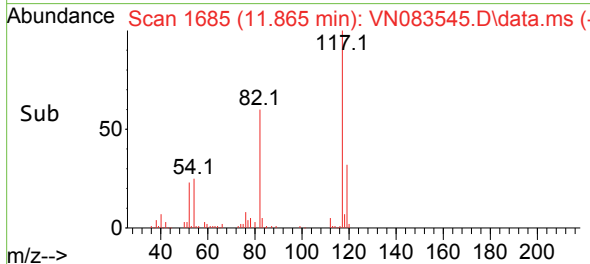


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :

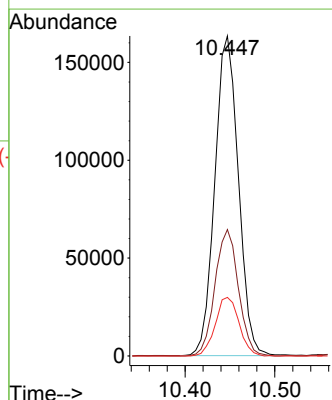
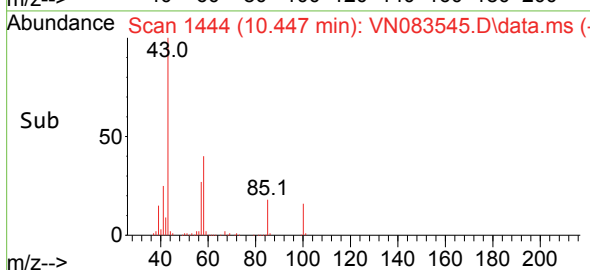
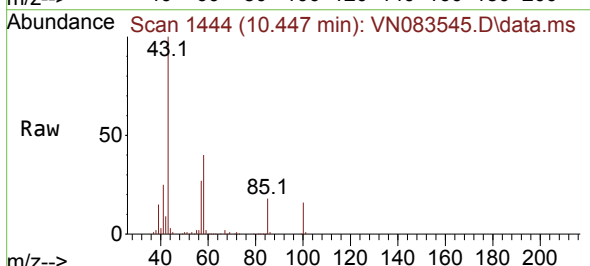


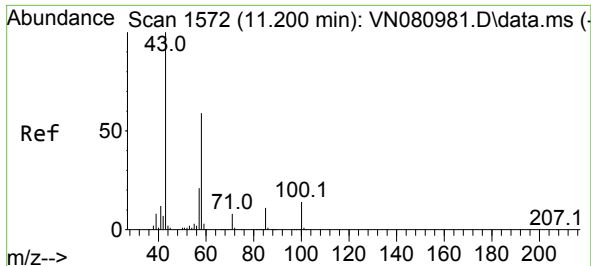
Tgt Ion:117 Resp: 151374
Ion Ratio Lower Upper
117 100
82 59.1 46.6 69.8
119 31.9 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 110.835 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

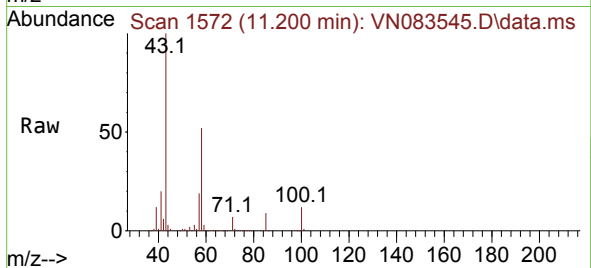
Tgt Ion: 43 Resp: 297559
Ion Ratio Lower Upper
43 100
58 39.3 36.5 54.7
85 18.5 19.5 29.3#



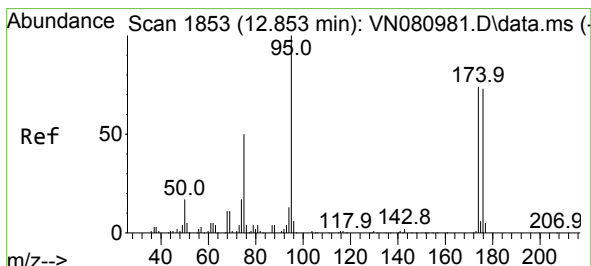
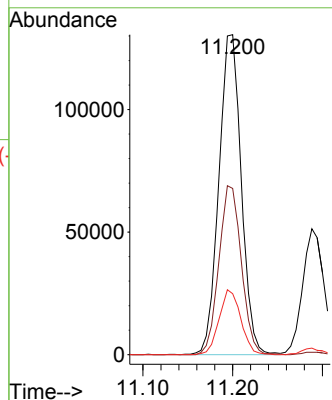
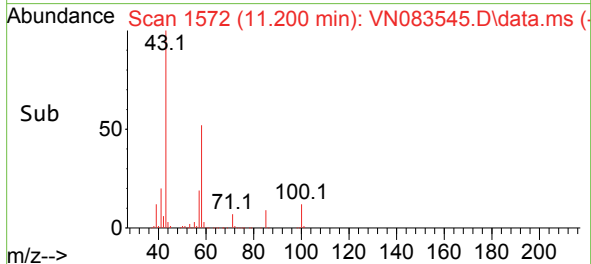


#59
2-Hexanone
Concen: 110.179 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :

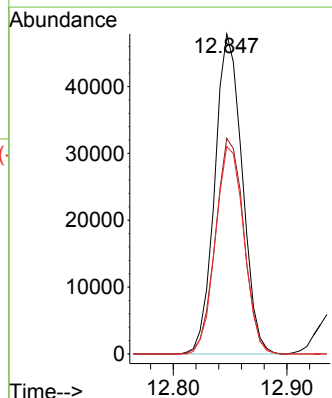
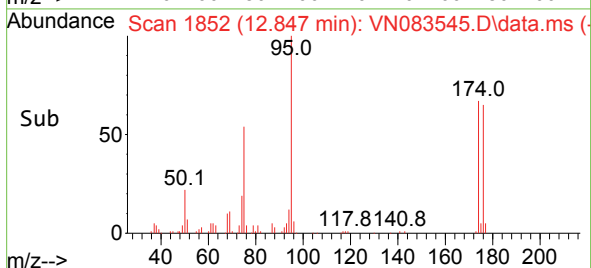
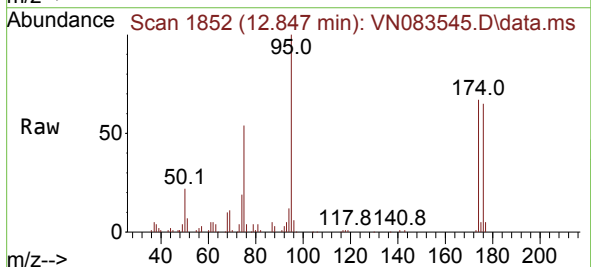


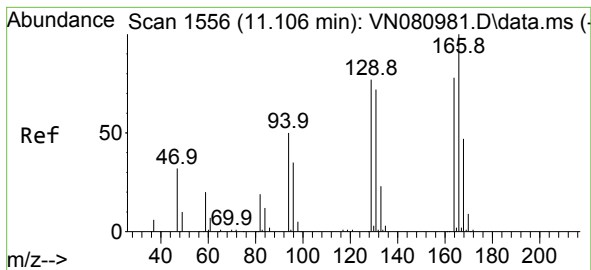
Tgt Ion: 43 Resp: 226846
Ion Ratio Lower Upper
43 100
58 52.8 50.4 75.6
57 19.6 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 29.968 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion: 95 Resp: 80312
Ion Ratio Lower Upper
95 100
174 69.7 60.5 90.7
176 67.5 57.8 86.6





#61

Tetrachloroethene

Concen: 22.300 ug/l

RT: 11.100 min Scan# 1

Delta R.T. -0.006 min

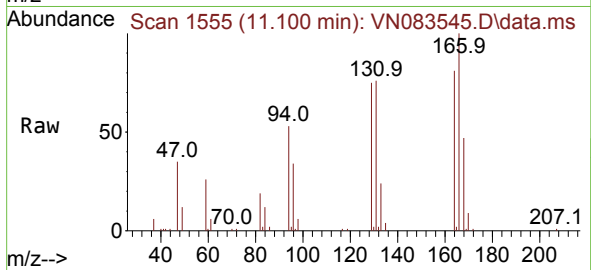
Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 35850

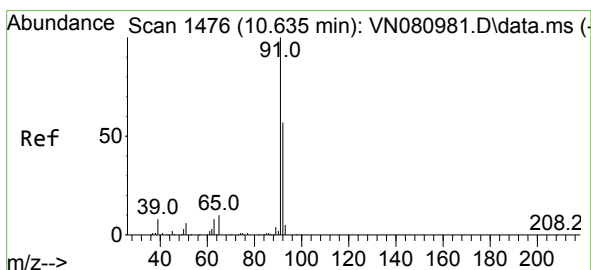
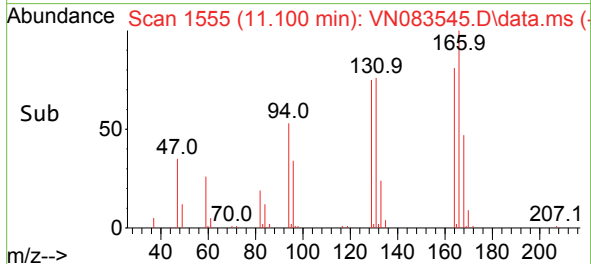
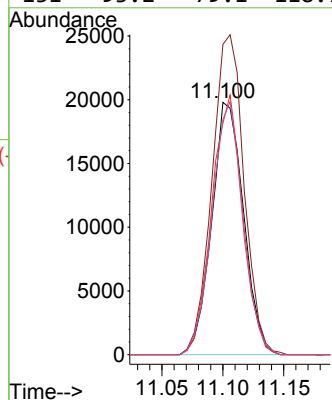
Ion Ratio Lower Upper

164 100

166 123.0 106.7 160.1

129 91.8 85.8 128.6

131 93.2 79.1 118.7



#62

Toluene

Concen: 19.785 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN083545.D

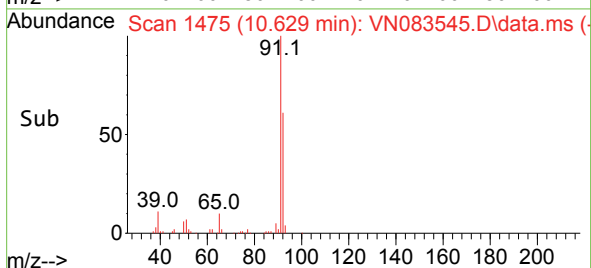
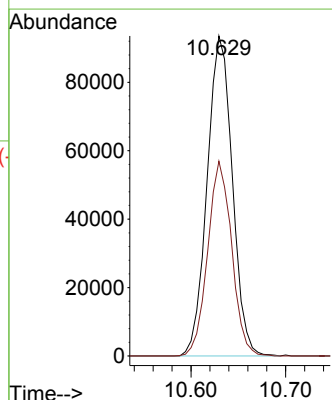
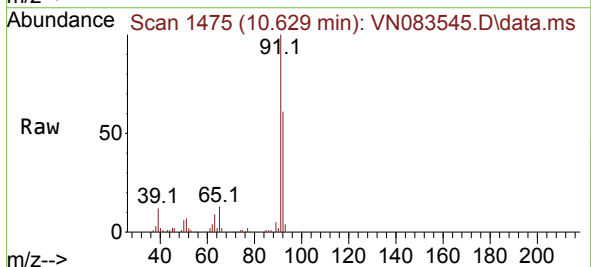
Acq: 28 Aug 2024 18:57

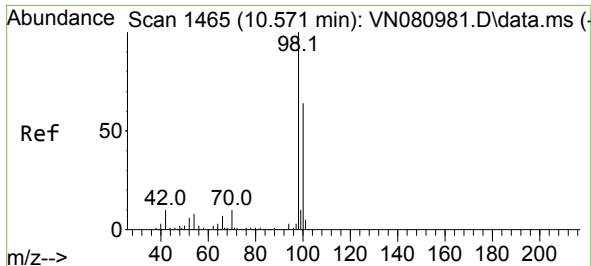
Tgt Ion: 91 Resp: 173241

Ion Ratio Lower Upper

91 100

92 58.0 46.5 69.7

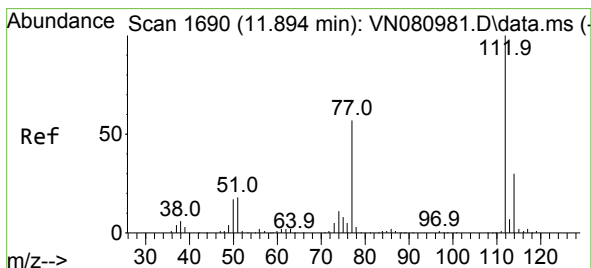
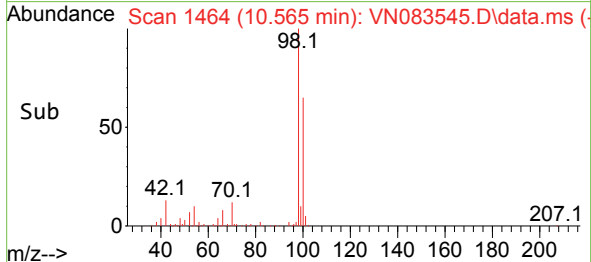
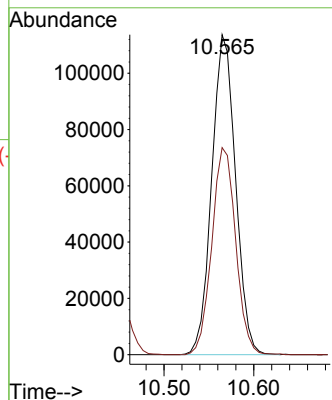
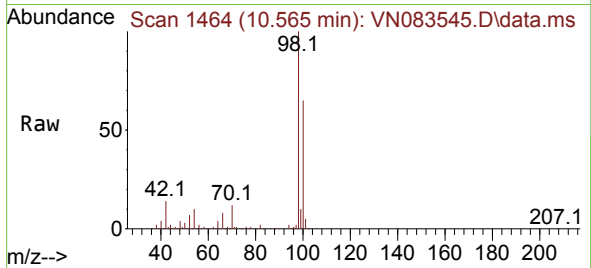




#63
Toluene-d8
Concen: 29.926 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

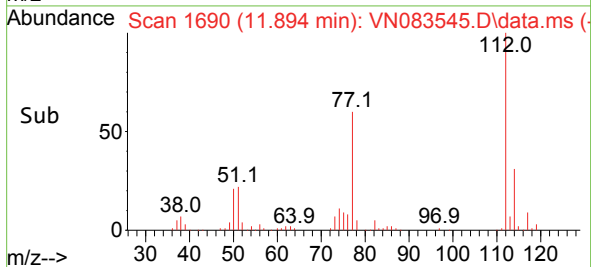
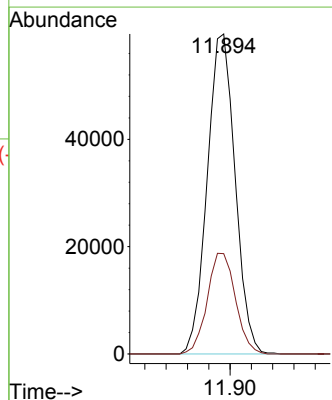
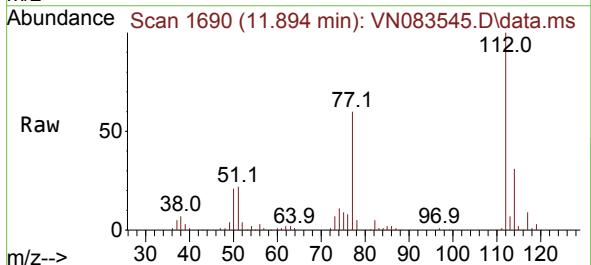
Instrument :
MSVOA_N
ClientSampleId :

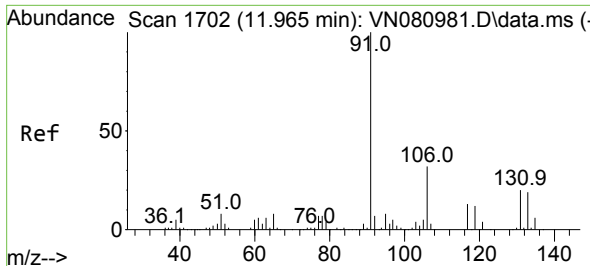
Tgt Ion: 98 Resp: 209131
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#64
Chlorobenzene
Concen: 19.959 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion: 112 Resp: 108269
Ion Ratio Lower Upper
112 100
114 31.3 26.6 39.8

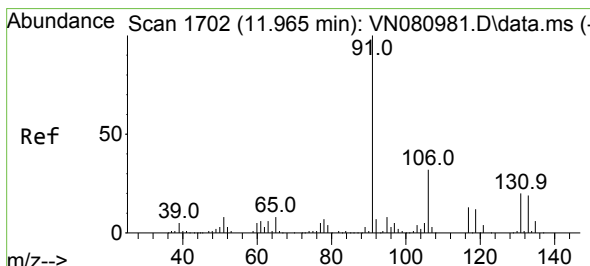
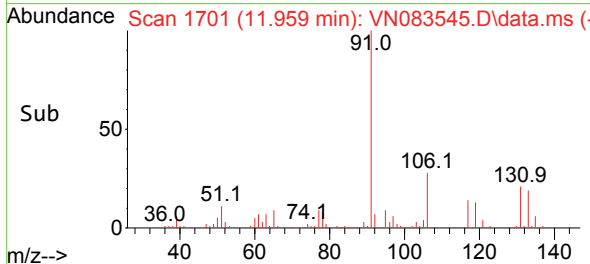
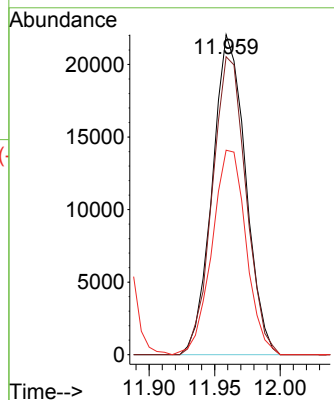
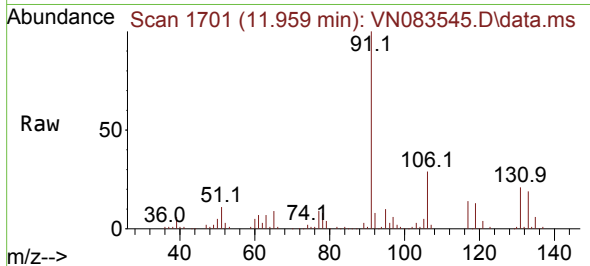




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.139 ug/l
 RT: 11.959 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN083545.D
 Acq: 28 Aug 2024 18:57

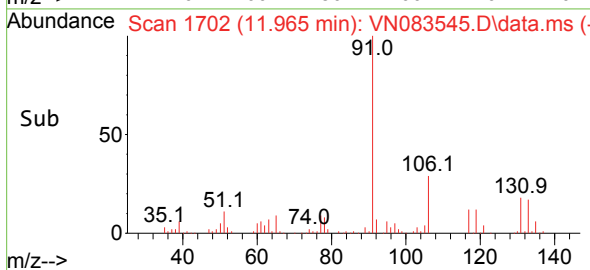
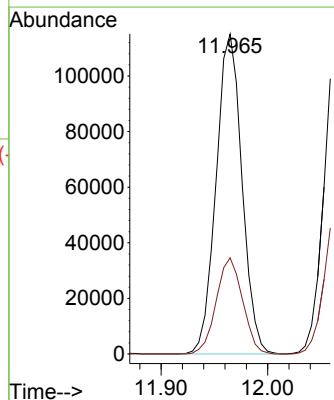
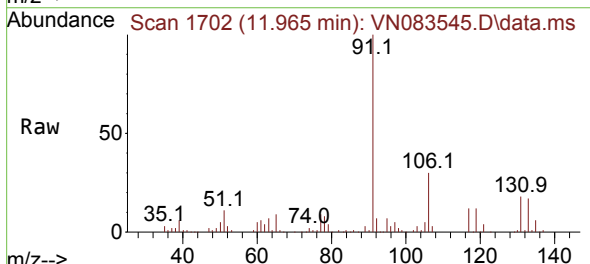
Instrument :
 MSVOA_N
 ClientSampleId :

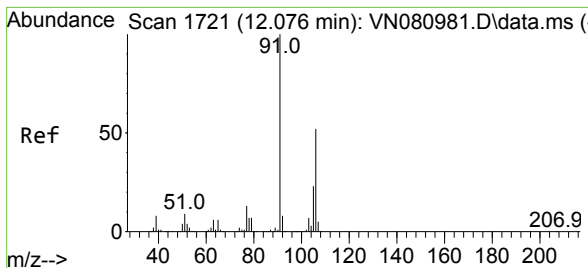
Tgt Ion:131 Resp: 38882
 Ion Ratio Lower Upper
 131 100
 133 94.2 0.0 188.0
 119 65.5 0.0 122.8



#66
 Ethyl Benzene
 Concen: 19.622 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN083545.D
 Acq: 28 Aug 2024 18:57

Tgt Ion: 91 Resp: 193826
 Ion Ratio Lower Upper
 91 100
 106 30.1 24.4 36.6

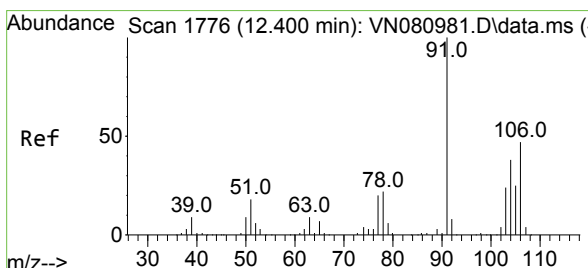
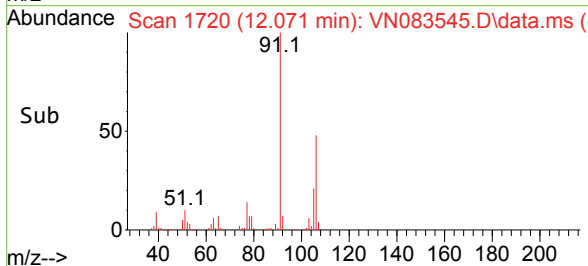
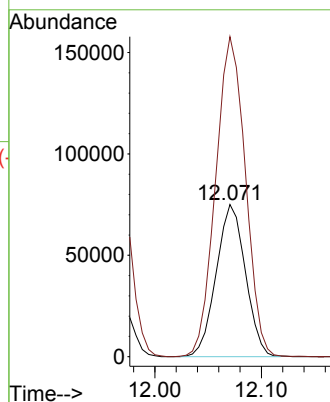
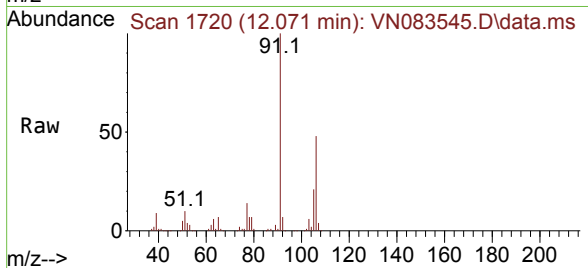




#67
m/p-Xylenes
Concen: 39.060 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

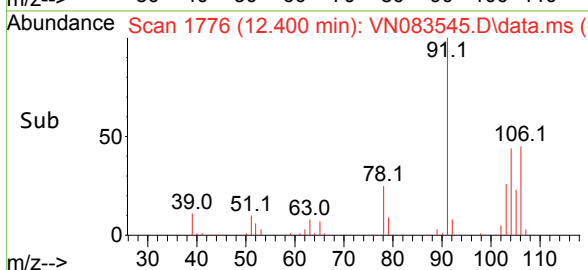
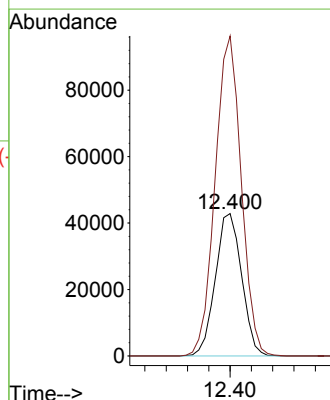
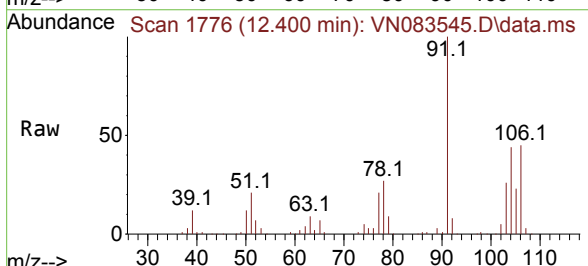
Instrument :
MSVOA_N
ClientSampleId :

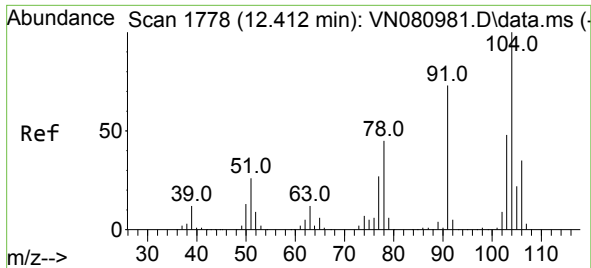
Tgt Ion:106 Resp: 143007
Ion Ratio Lower Upper
106 100
91 214.6 166.6 249.8



#68
o-Xylene
Concen: 20.392 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

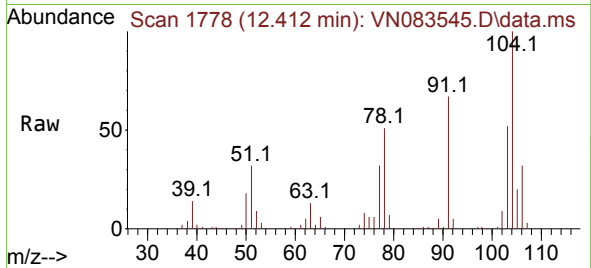
Tgt Ion:106 Resp: 73315
Ion Ratio Lower Upper
106 100
91 223.2 110.0 330.0



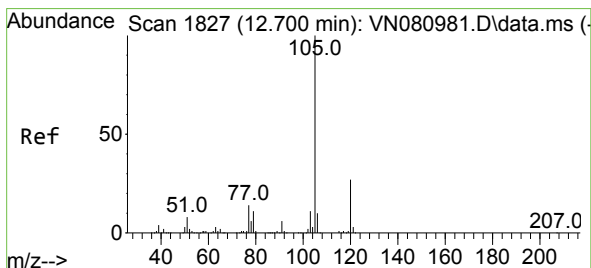
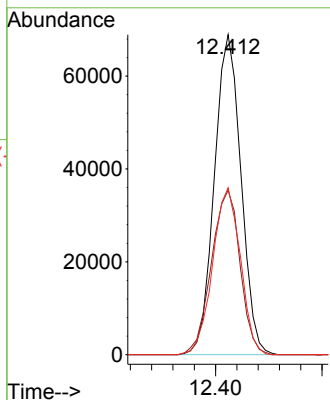
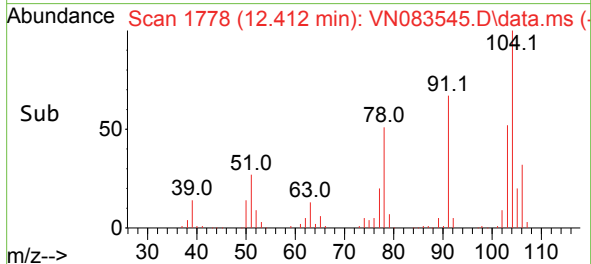


#69
Styrene
Concen: 19.534 ug/l
RT: 12.412 min Scan# 119574
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

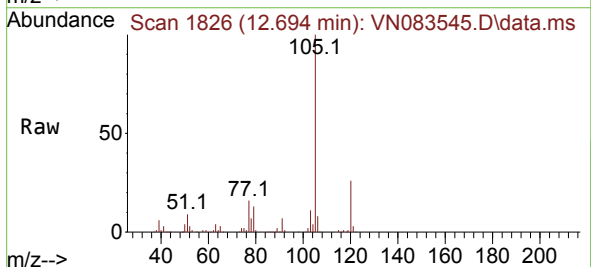
Instrument :
MSVOA_N
ClientSampleId :



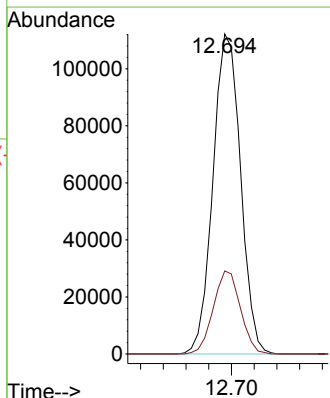
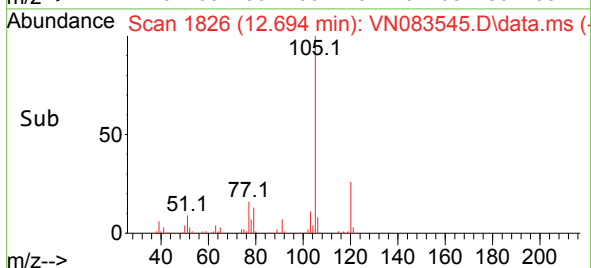
Tgt Ion:104 Resp: 119574
Ion Ratio Lower Upper
104 100
78 55.3 42.6 64.0
103 54.3 43.7 65.5

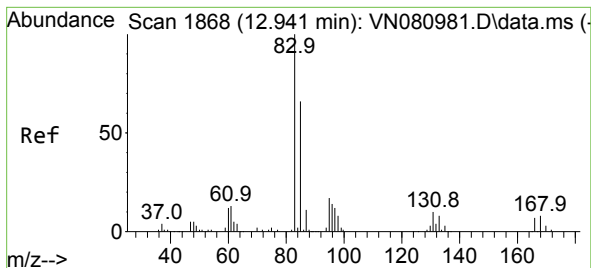


#70
Isopropylbenzene
Concen: 19.936 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57



Tgt Ion:105 Resp: 189327
Ion Ratio Lower Upper
105 100
120 25.4 17.8 33.1





#71

1,1,2,2-Tetrachloroethane

Concen: 21.345 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

ClientSampleId :

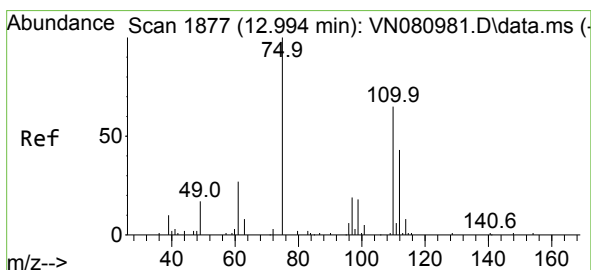
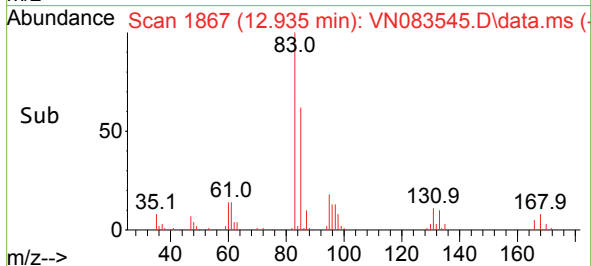
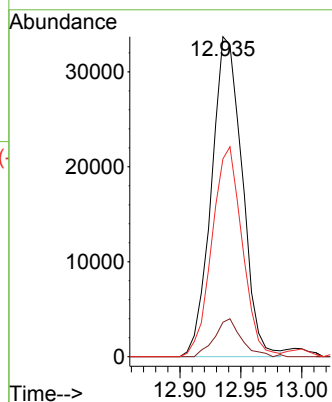
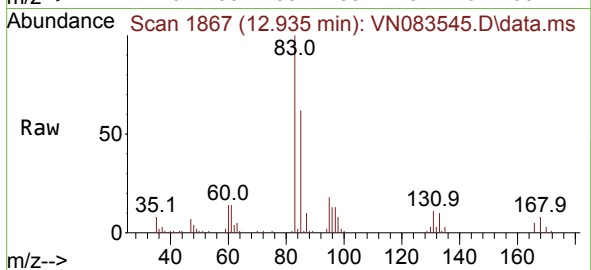
Tgt Ion: 83 Resp: 59212

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

85 64.6 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 31.751 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN083545.D

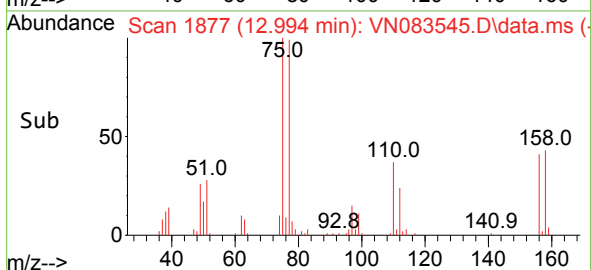
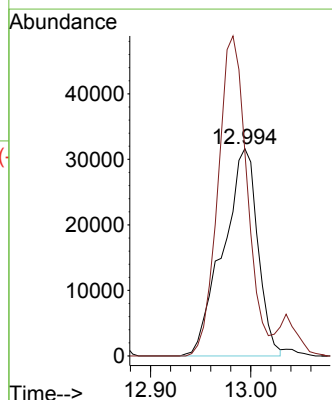
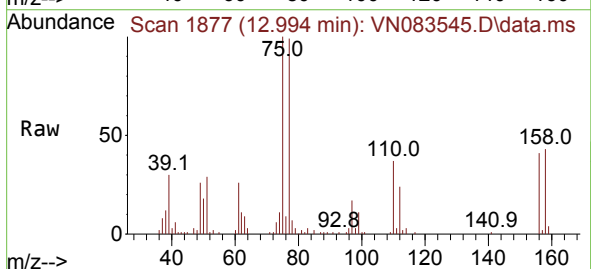
Acq: 28 Aug 2024 18:57

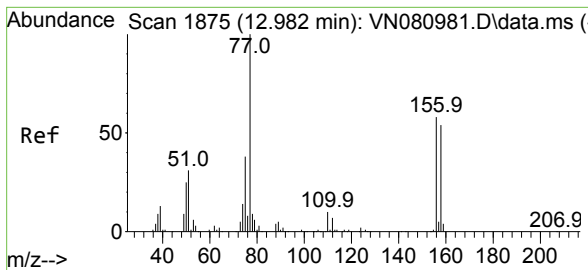
Tgt Ion: 75 Resp: 76054

Ion Ratio Lower Upper

75 100

77 128.8 0.0 367.6

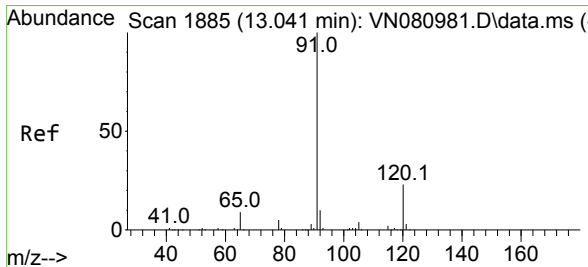
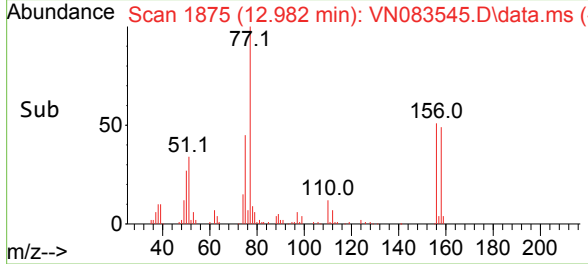
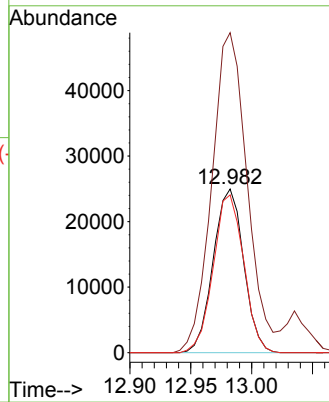
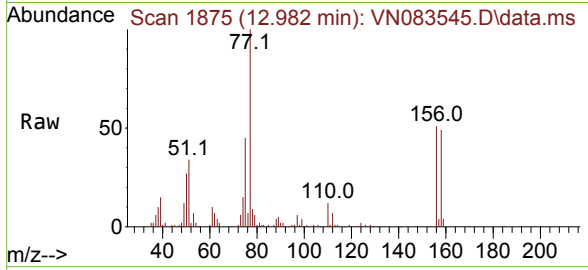




#73
Bromobenzene
Concen: 20.202 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

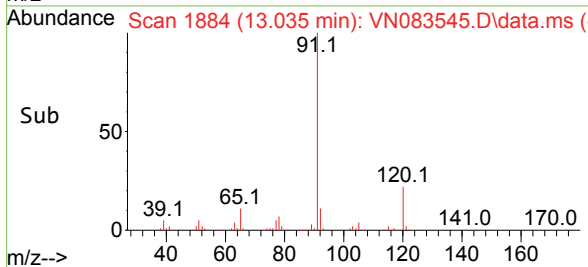
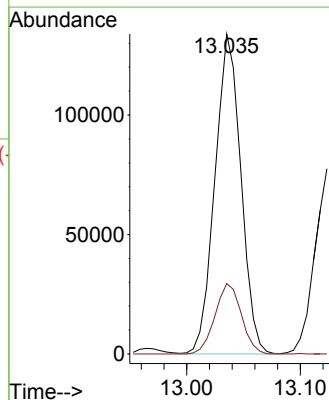
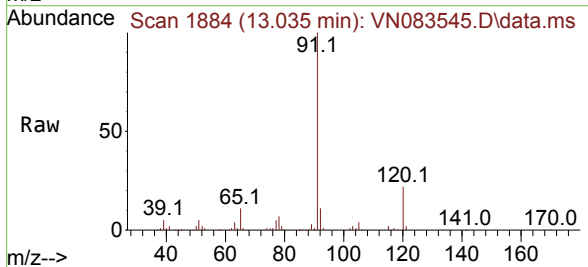
Instrument :
MSVOA_N
ClientSampleId :

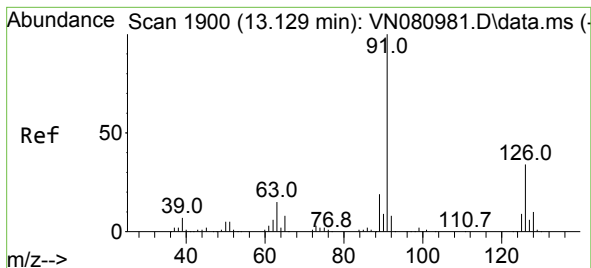
Tgt Ion:156 Resp: 43423
Ion Ratio Lower Upper
156 100
77 225.6 0.0 437.6
158 96.6 0.0 203.8



#74
n-propylbenzene
Concen: 19.332 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion: 91 Resp: 212712
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.8

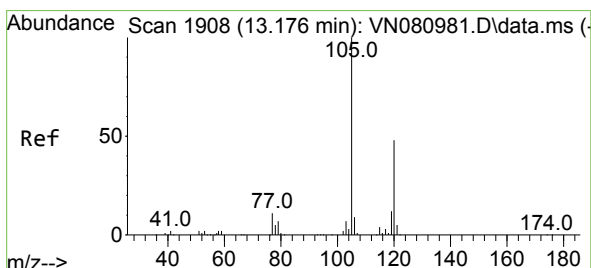
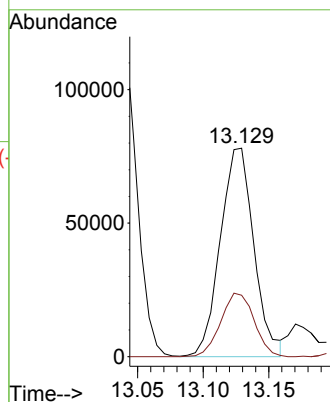
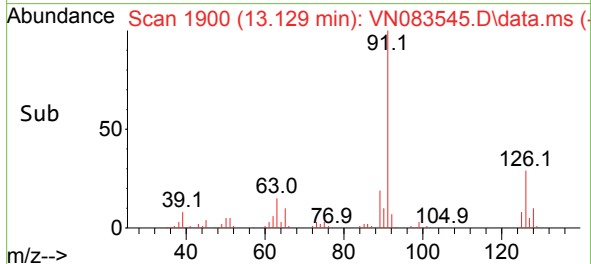
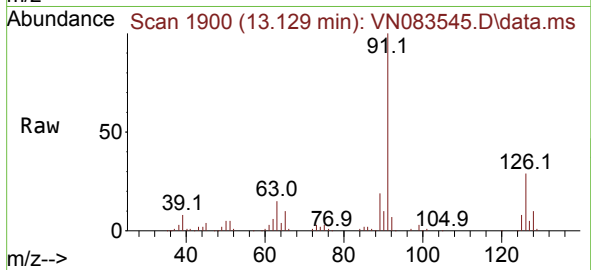




#75
2-Chlorotoluene
Concen: 19.793 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

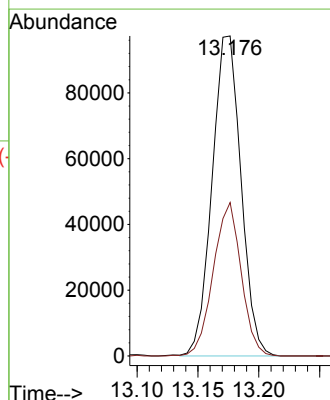
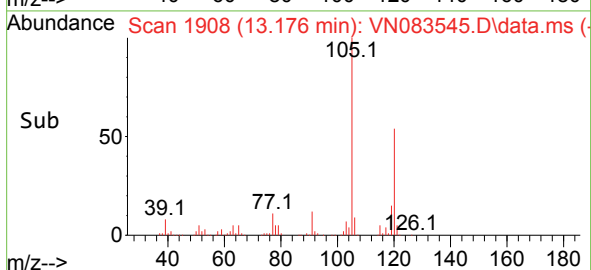
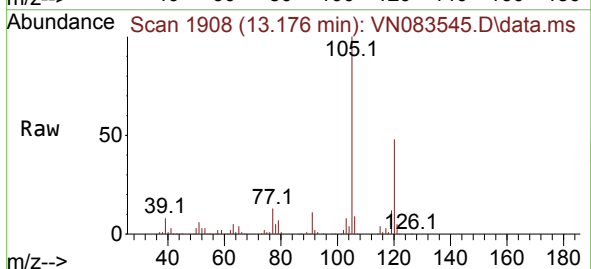
Instrument :
MSVOA_N
ClientSampleId :

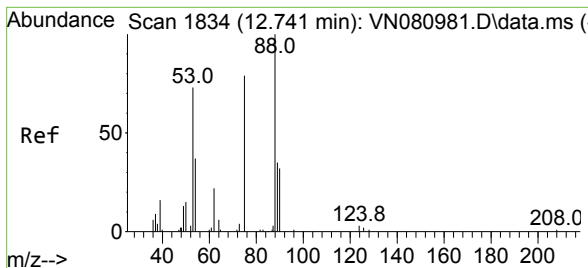
Tgt Ion: 91 Resp: 139384
Ion Ratio Lower Upper
91 100
126 30.2 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 20.256 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion:105 Resp: 160584
Ion Ratio Lower Upper
105 100
120 46.3 0.0 95.8

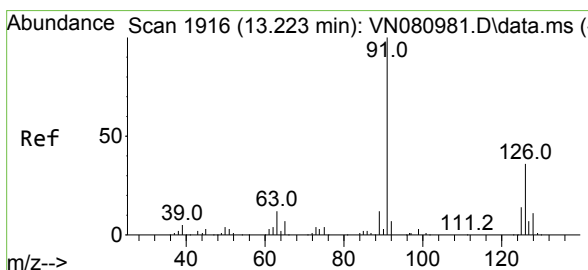
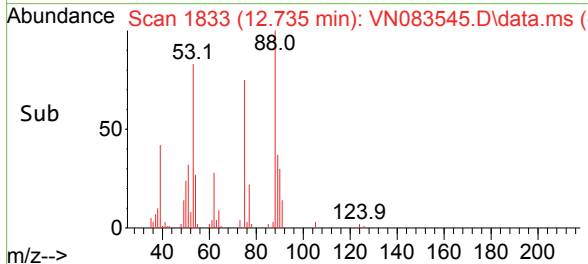
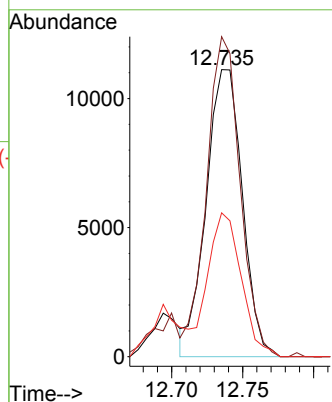
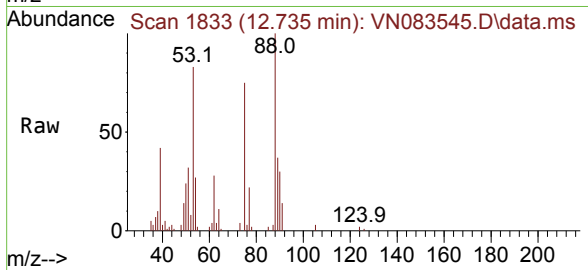




#77
t-1,4-Dichloro-2-butene
Concen: 18.971 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

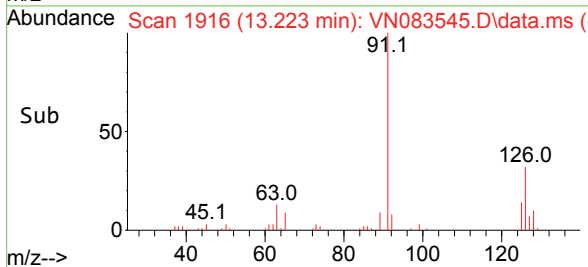
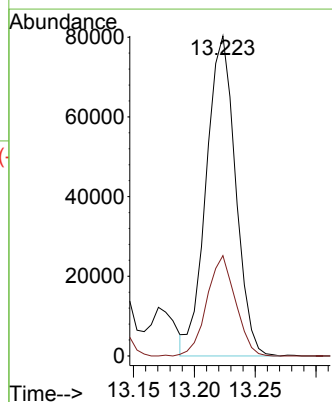
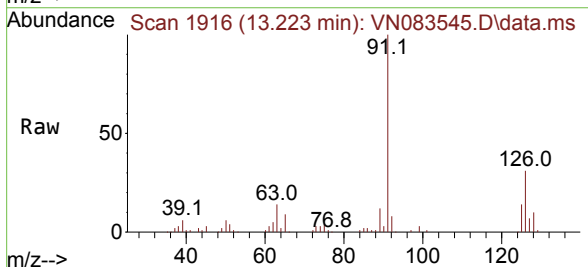
Instrument :
MSVOA_N
ClientSampleId :

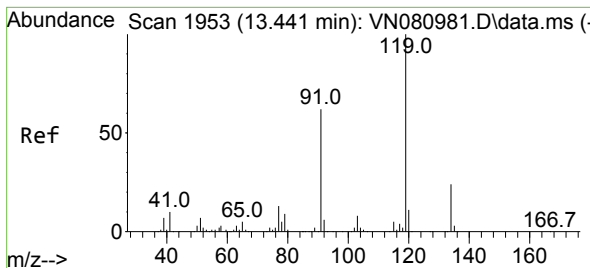
Tgt Ion: 75 Resp: 19719
Ion Ratio Lower Upper
75 100
53 111.5 45.9 137.7
89 50.1 25.9 77.7



#78
4-Chlorotoluene
Concen: 19.246 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion: 91 Resp: 134543
Ion Ratio Lower Upper
91 100
126 30.5 0.0 62.8





#79

tert-butylbenzene

Concen: 20.103 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

ClientSampleId :

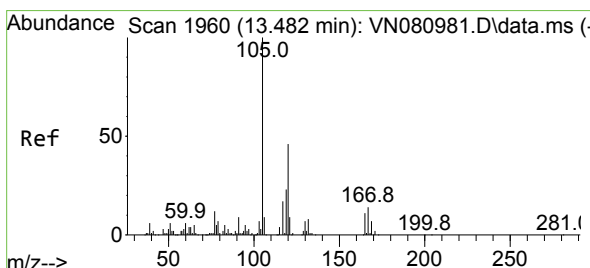
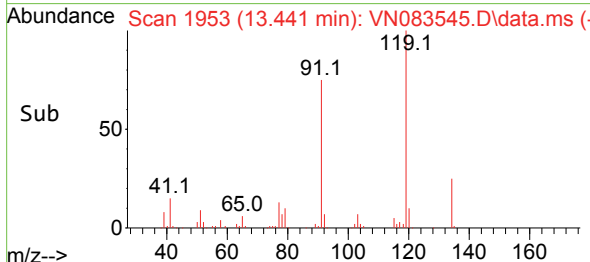
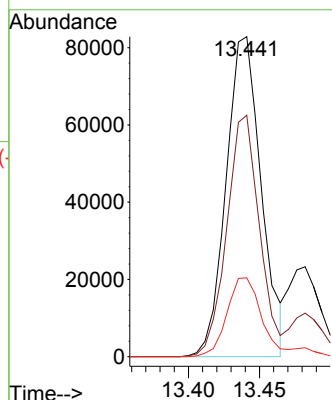
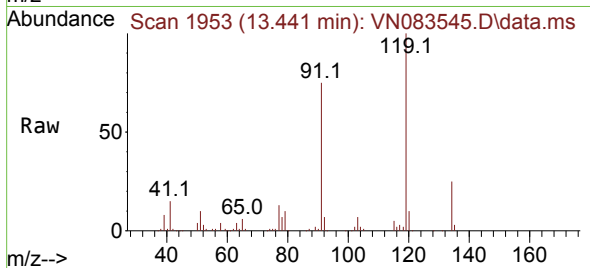
Tgt Ion:119 Resp: 142735

Ion Ratio Lower Upper

119 100

91 70.3 0.0 138.8

134 24.1 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 19.932 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083545.D

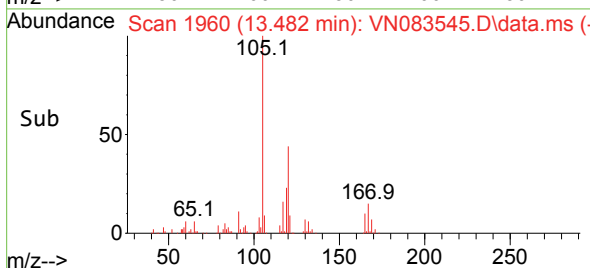
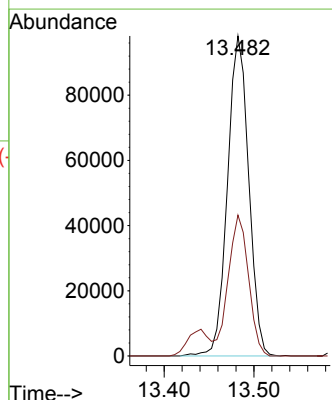
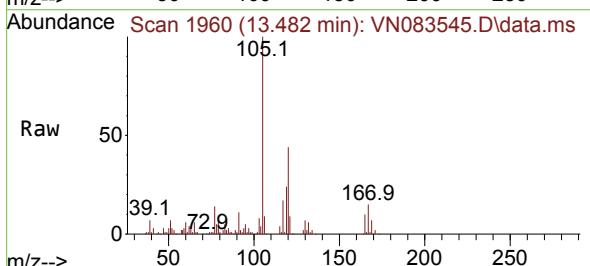
Acq: 28 Aug 2024 18:57

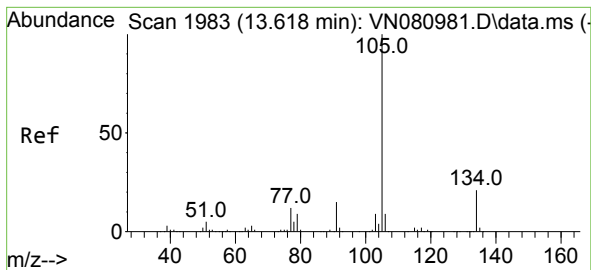
Tgt Ion:105 Resp: 161088

Ion Ratio Lower Upper

105 100

120 42.3 0.0 86.8





#81

sec-Butylbenzene

Concen: 19.783 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

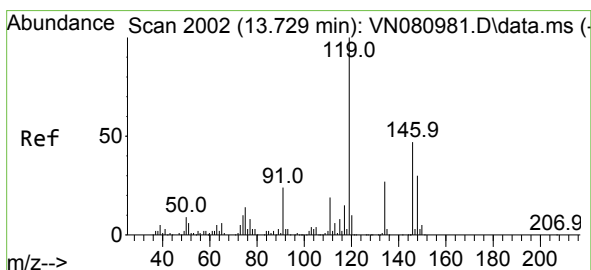
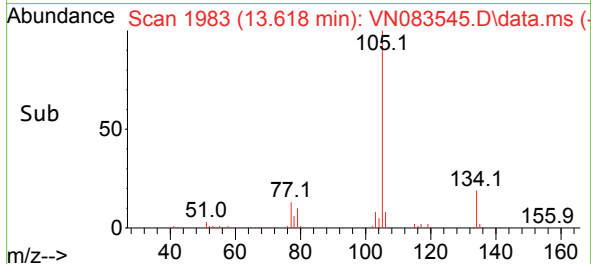
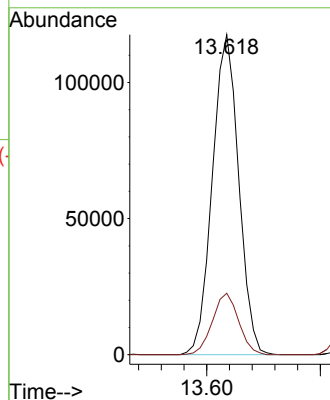
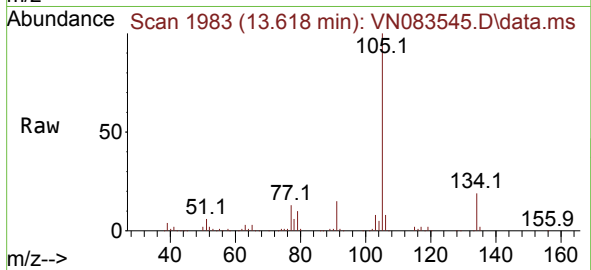
ClientSampleId :

Tgt Ion:105 Resp: 189093

Ion Ratio Lower Upper

105 100

134 19.1 0.0 39.0



#82

p-Isopropyltoluene

Concen: 19.273 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

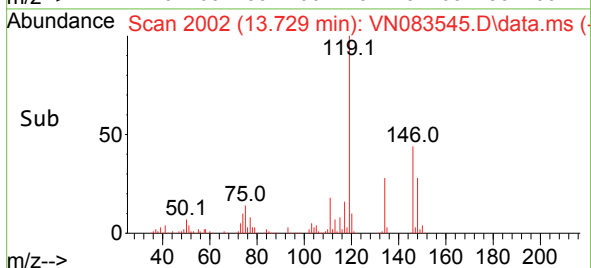
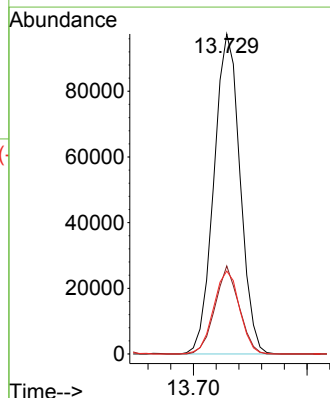
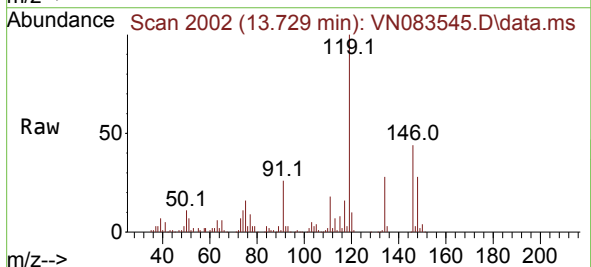
Tgt Ion:119 Resp: 155958

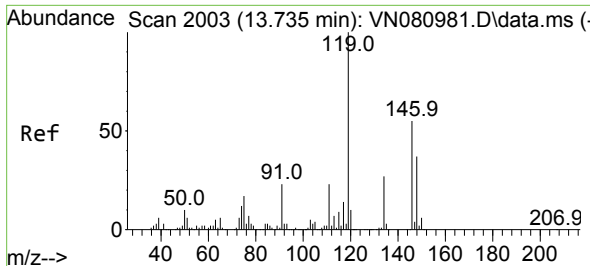
Ion Ratio Lower Upper

119 100

134 25.2 0.0 49.2

91 25.7 0.0 48.8

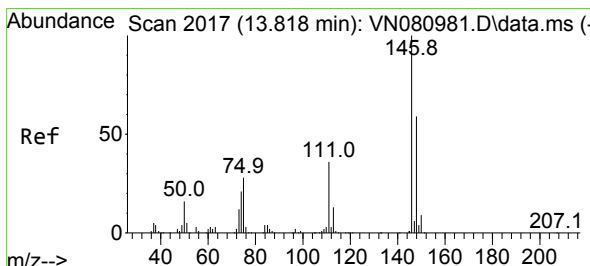
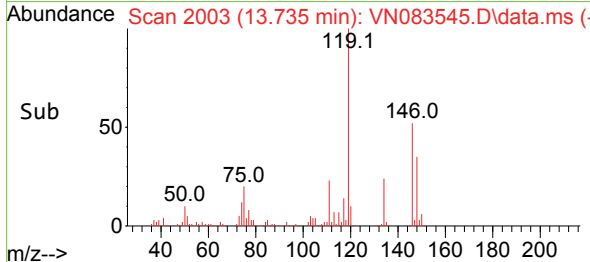
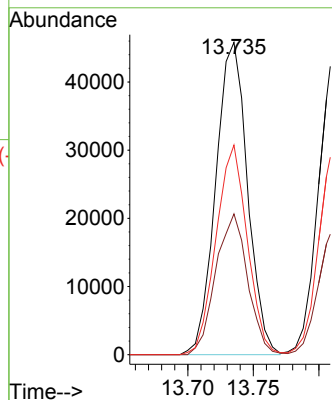
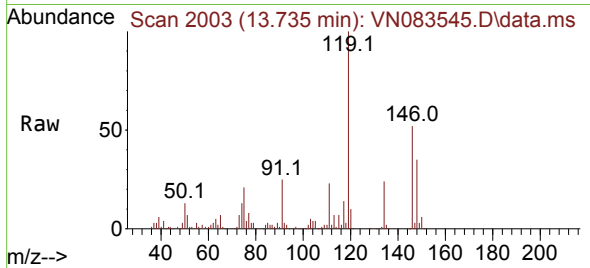




#83
1,3-Dichlorobenzene
Concen: 18.364 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

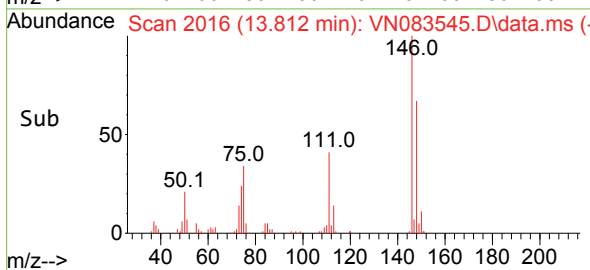
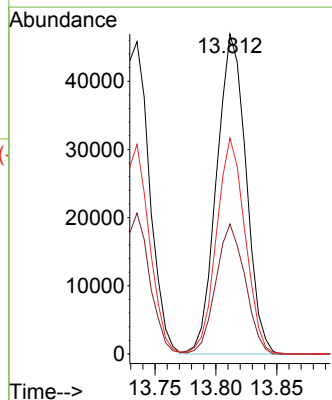
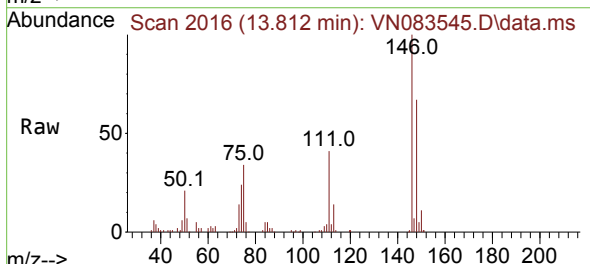
Instrument :
MSVOA_N
ClientSampleId :

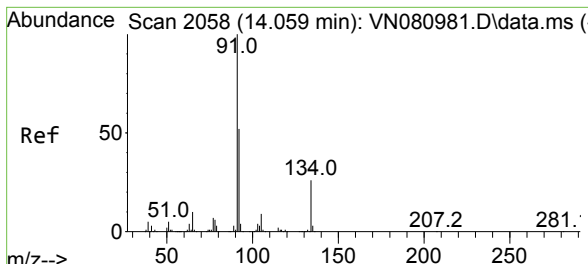
Tgt Ion:146 Resp: 77103
Ion Ratio Lower Upper
146 100
111 45.4 22.4 67.0
148 66.1 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 18.707 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion:146 Resp: 78887
Ion Ratio Lower Upper
146 100
111 40.3 21.3 63.9
148 65.6 31.9 95.5

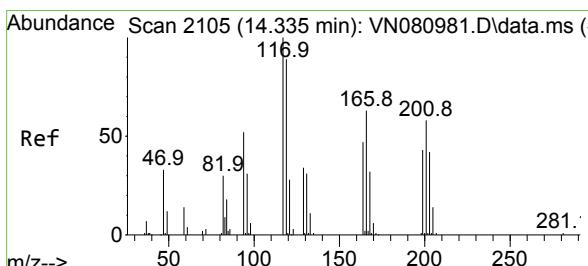
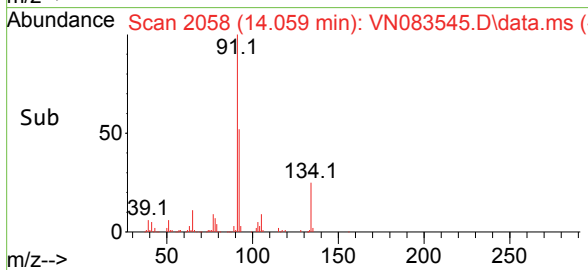
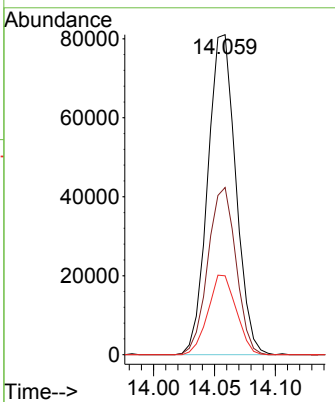
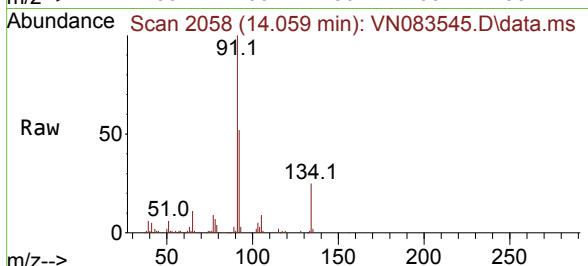




#85
 n-Butylbenzene
 Concen: 18.110 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN083545.D
 Acq: 28 Aug 2024 18:57

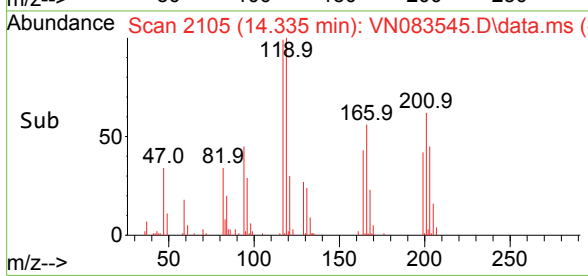
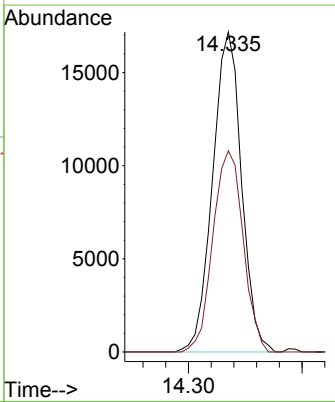
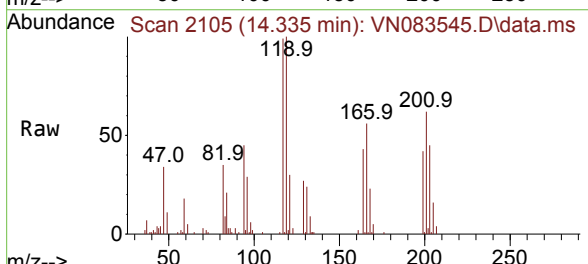
Instrument :
 MSVOA_N
 ClientSampleId :

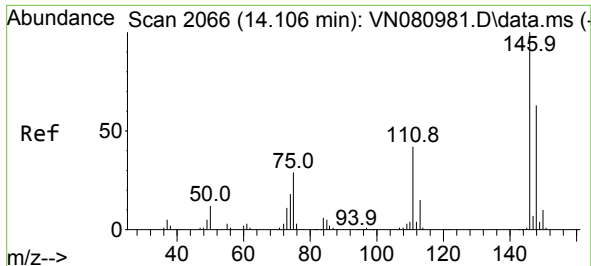
Tgt Ion:	91	Resp:	129879
Ion	Ratio	Lower	Upper
91	100		
92	52.2	0.0	105.0
134	25.0	0.0	51.8



#86
 Hexachloroethane
 Concen: 19.130 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: VN083545.D
 Acq: 28 Aug 2024 18:57

Tgt Ion:	117	Resp:	30320
Ion	Ratio	Lower	Upper
117	100		
201	65.8	38.0	114.0





#87

1,2-Dichlorobenzene

Concen: 19.980 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

Instrument :

MSVOA_N

ClientSampleId :

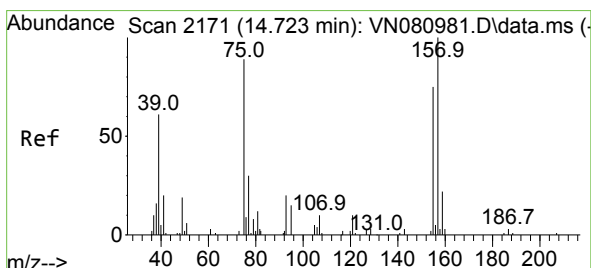
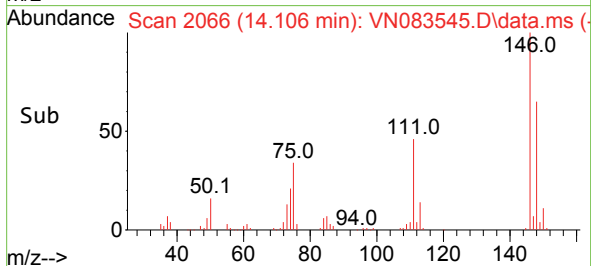
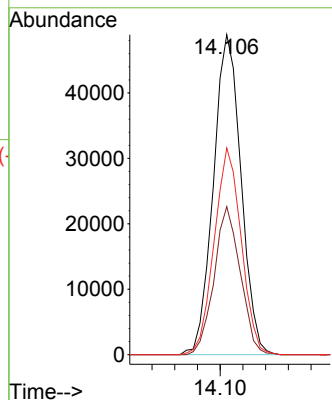
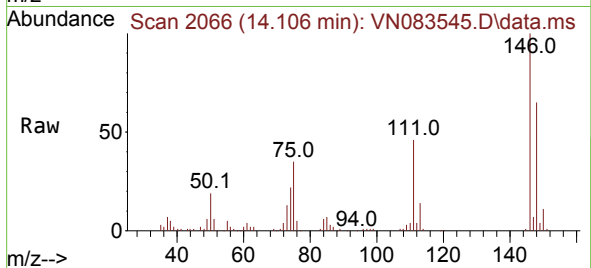
Tgt Ion:146 Resp: 82577

Ion Ratio Lower Upper

146 100

111 43.9 22.6 67.8

148 63.3 31.3 93.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.868 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN083545.D

Acq: 28 Aug 2024 18:57

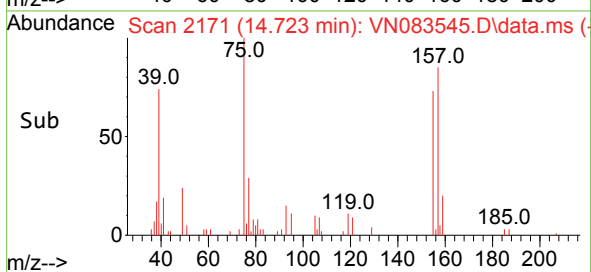
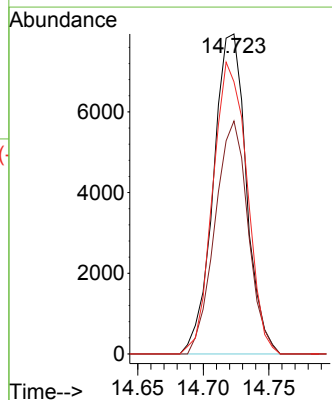
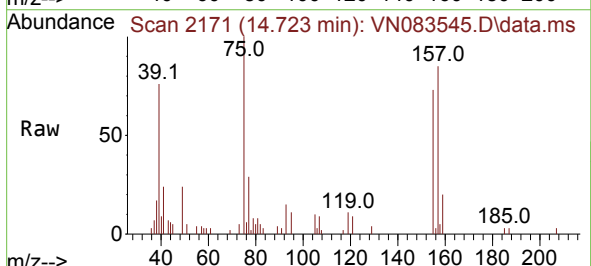
Tgt Ion: 75 Resp: 13870

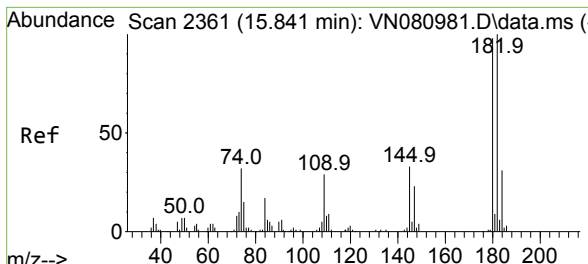
Ion Ratio Lower Upper

75 100

155 73.2 61.7 92.5

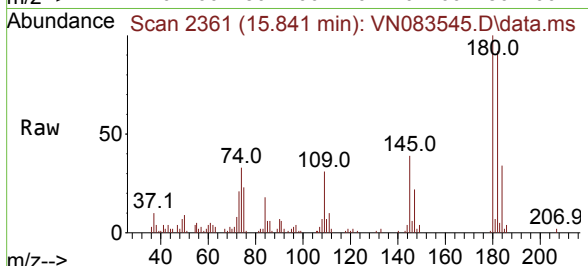
157 94.2 83.6 125.4



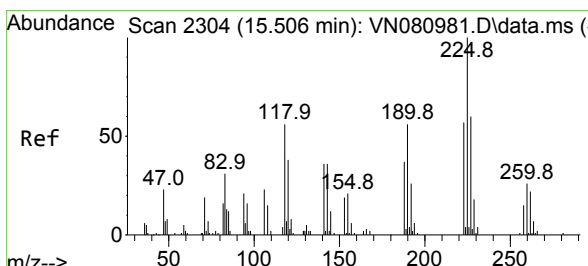
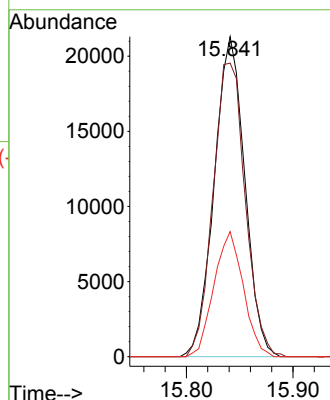
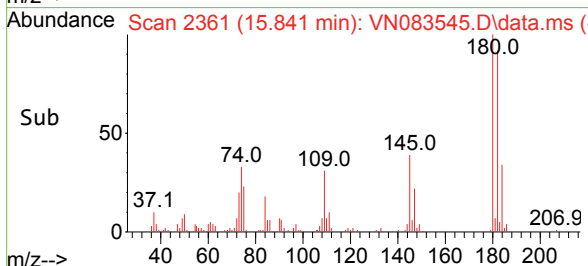


#89
 1,2,4-Trichlorobenzene
 Concen: 18.709 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN083545.D
 Acq: 28 Aug 2024 18:57

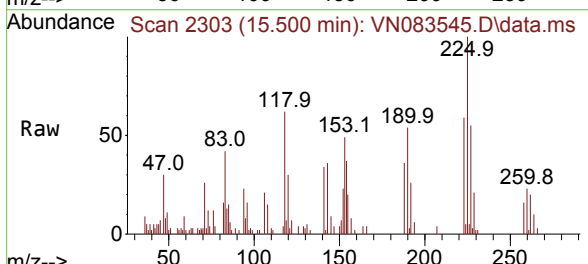
Instrument :
 MSVOA_N
 ClientSampleId :



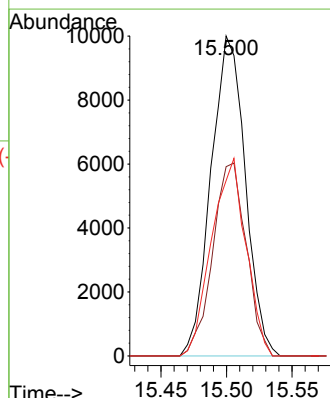
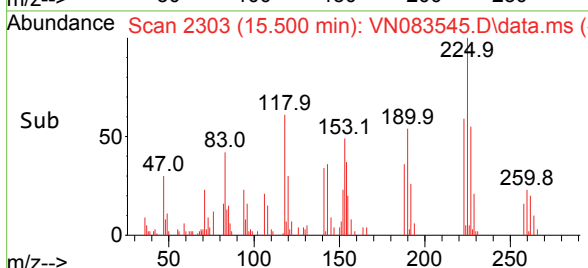
Tgt Ion:180 Resp: 42393
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.4 114.6
 145 37.6 28.4 42.6

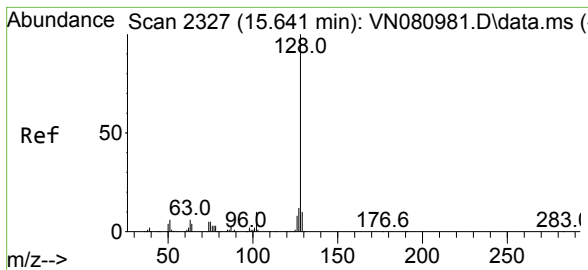


#90
 Hexachlorobutadiene
 Concen: 18.864 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN083545.D
 Acq: 28 Aug 2024 18:57



Tgt Ion:225 Resp: 18161
 Ion Ratio Lower Upper
 225 100
 223 59.1 0.0 126.6
 227 61.9 0.0 126.6

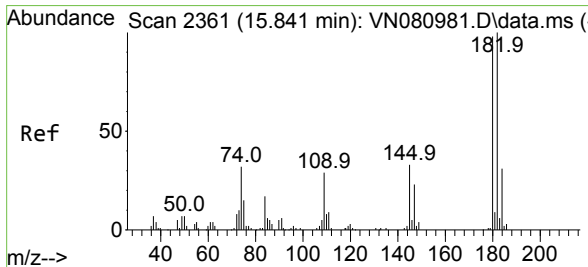
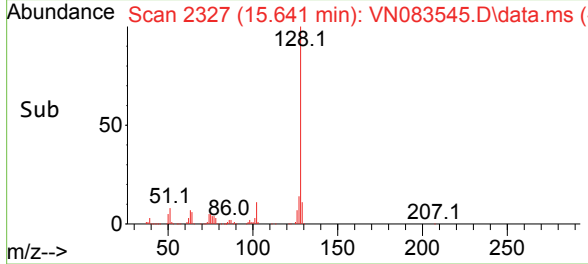
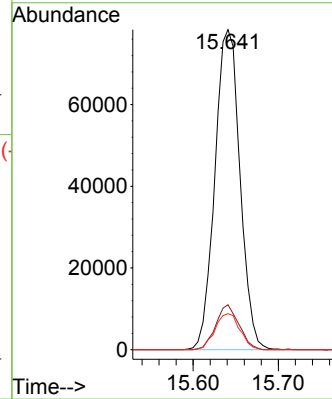
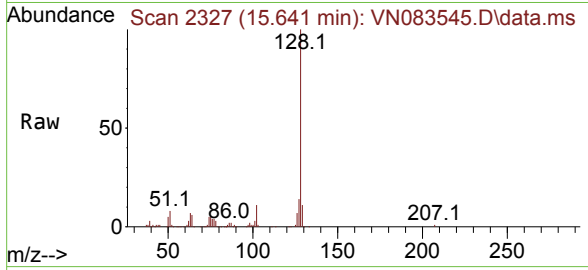




#91
Naphthalene
Concen: 20.469 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 160311
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.2 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.709 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083545.D
Acq: 28 Aug 2024 18:57

Tgt Ion:180 Resp: 42393
Ion Ratio Lower Upper
180 100
182 96.8 0.0 191.0
145 37.6 0.0 71.0

