

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083704.D
 Acq On : 06 Sep 2024 18:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Sep 06 23:50:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	27171	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	160582	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	143242	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77065	31.029	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.433%	
60) 4-Bromofluorobenzene	12.847	95	74629	30.229	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.767%	
63) Toluene-d8	10.565	98	201249	30.342	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.133%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	36154	19.870	ug/l	99
3) Chloromethane	2.359	50	40857	21.611	ug/l	97
4) Vinyl Chloride	2.512	62	40260	20.715	ug/l #	85
5) Bromomethane	2.901	94	21654	19.941	ug/l	98
6) Chloroethane	3.077	64	30699	23.588	ug/l	98
7) Trichlorofluoromethane	3.471	101	67416	20.690	ug/l	98
8) Diethyl Ether	3.953	74	24845	22.440	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.359	101	35451	20.255	ug/l	62
10) 1,1-Dichloroethene	4.330	96	34253	20.283	ug/l	82
11) Methyl Iodide	4.577	142	35550	15.498	ug/l	97
12) Methyl Acetate	5.024	43	45923	22.549	ug/l #	74
13) Acrolein	4.171	56	33115	111.414	ug/l	98
14) Acrylonitrile	5.718	53	91794	111.376	ug/l	98
15) Acetone	4.430	58	24861	90.933	ug/l	80
16) Carbon Disulfide	4.700	76	93428	19.576	ug/l	97
17) Allyl chloride	5.018	41	61458	20.753	ug/l	86
18) Methylene Chloride	5.265	84	25025	13.545	ug/l	91
19) trans-1,2-Dichloroethene	5.783	96	34576	19.755	ug/l	98
20) Diisopropyl ether	6.671	45	130294	21.786	ug/l	96
21) 1,1-Dichloroethane	6.565	63	73225	21.445	ug/l	95
22) cis-1,2-Dichloroethene	7.483	96	43771	20.547	ug/l	92
23) tert-Butyl Alcohol	5.530	59	33581	111.033	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	129045	21.503	ug/l #	87
25) Chloroform	7.965	83	77403	21.390	ug/l	100
26) Cyclohexane	8.253	56	58720	19.525	ug/l #	89
29) 1,1-Dichloropropene	8.365	75	50725	19.915	ug/l	98
30) 2-Butanone	7.489	43	125981	104.927	ug/l	94
31) 2,2-Dichloropropane	7.489	77	61908	19.064	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	70394	20.695	ug/l	98
33) Carbon Tetrachloride	8.359	117	59984	20.363	ug/l	98
34) Benzene	8.600	78	161754	21.166	ug/l #	93
35) Methacrylonitrile	7.771	41	27795	20.593	ug/l	89
36) 1,2-Dichloroethane	8.671	62	61770	21.500	ug/l	95
37) Trichloroethene	9.347	130	36146	20.141	ug/l	98
38) Methylcyclohexane	9.600	83	58826	19.291	ug/l	96
39) 1,2-Dichloropropane	9.618	63	39152	21.286	ug/l	99
40) Dibromomethane	9.706	93	29129	21.659	ug/l	92
41) Bromodichloromethane	9.888	83	60530	21.165	ug/l	99
42) Vinyl Acetate	6.600	43	476700	96.567	ug/l	97

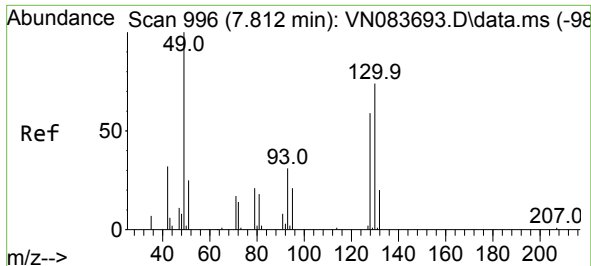
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	50230	20.785	ug/l	99
44) Isopropyl Acetate	8.688	43	93167	22.290	ug/l	91
45) 1,4-Dioxane	9.694	88	14079	431.856	ug/l	97
46) Methyl methacrylate	9.682	41	43258	21.382	ug/l	80
47) n-amyl Acetate	12.494	43	81741	22.077	ug/l	89
48) t-1,3-Dichloropropene	10.835	75	58420	19.420	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	62462	19.966	ug/l #	83
50) 1,1,2-Trichloroethane	11.012	97	37492	21.908	ug/l	94
51) Ethyl methacrylate	10.871	69	61681	21.097	ug/l	77
52) 1,3-Dichloropropane	11.159	76	65095	21.063	ug/l	99
53) Dibromochloromethane	11.359	129	41275	20.109	ug/l	97
54) 1,2-Dibromoethane	11.471	107	37477	21.169	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	125112	107.377	ug/l	98
56) Bromoform	12.576	173	25254	19.366	ug/l	93
58) 4-Methyl-2-Pentanone	10.447	43	260961	114.896	ug/l #	88
59) 2-Hexanone	11.194	43	191368	111.506	ug/l	88
61) Tetrachloroethene	11.106	164	30832	20.338	ug/l	86
62) Toluene	10.630	91	174351	21.176	ug/l	100
64) Chlorobenzene	11.888	112	103414	20.287	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	37128	20.908	ug/l	97
66) Ethyl Benzene	11.965	91	190886	20.387	ug/l	99
67) m/p-Xylenes	12.071	106	141104	40.963	ug/l	98
68) o-Xylene	12.400	106	69120	20.733	ug/l	97
69) Styrene	12.412	104	113872	20.215	ug/l	98
70) Isopropylbenzene	12.694	105	178147	20.249	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	53175	22.129	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	63935	30.347	ug/l	72
73) Bromobenzene	12.982	156	40896	20.237	ug/l	97
74) n-propylbenzene	13.035	91	202253	19.638	ug/l	99
75) 2-Chlorotoluene	13.123	91	130622	20.321	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	153168	20.841	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	12065	13.548	ug/l	76
78) 4-Chlorotoluene	13.223	91	130265	19.983	ug/l	98
79) tert-butylbenzene	13.435	119	135874	21.143	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	153993	20.735	ug/l	99
81) sec-Butylbenzene	13.618	105	175916	20.038	ug/l	98
82) p-Isopropyltoluene	13.729	119	147634	19.987	ug/l	97
83) 1,3-Dichlorobenzene	13.729	146	75521	19.417	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	74198	19.082	ug/l	99
85) n-Butylbenzene	14.053	91	122339	18.769	ug/l	97
86) Hexachloroethane	14.329	117	27819	19.874	ug/l	88
87) 1,2-Dichlorobenzene	14.106	146	75891	20.106	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10843	20.533	ug/l	93
89) 1,2,4-Trichlorobenzene	15.835	180	38092	18.420	ug/l	98
90) Hexachlorobutadiene	15.500	225	15761	18.414	ug/l	98
91) Naphthalene	15.641	128	127652	18.882	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	38092	18.420	ug/l	98

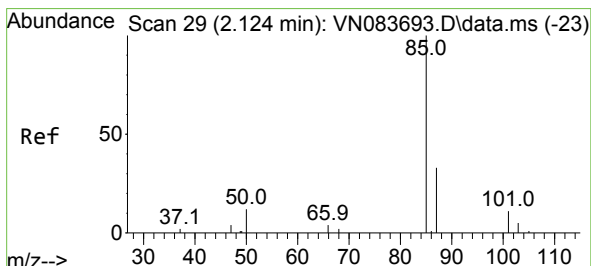
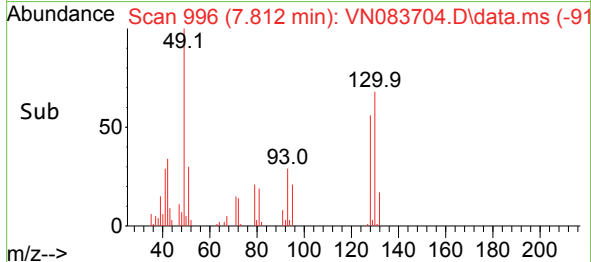
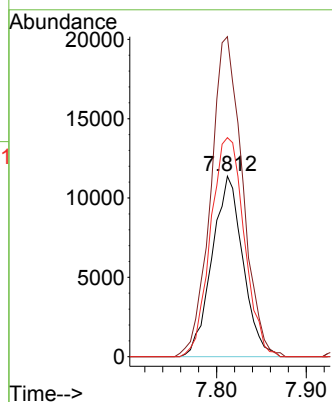
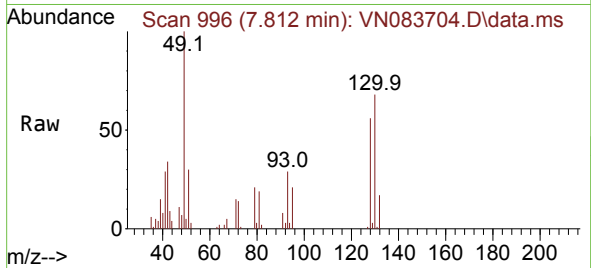
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

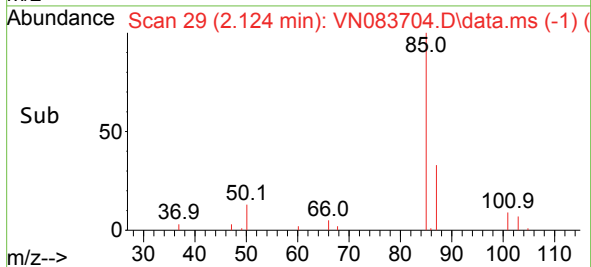
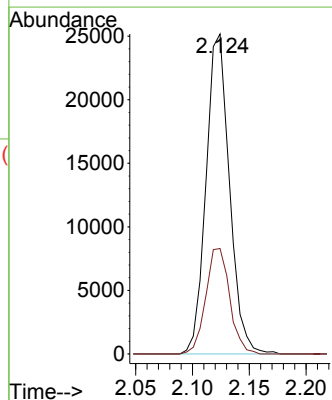
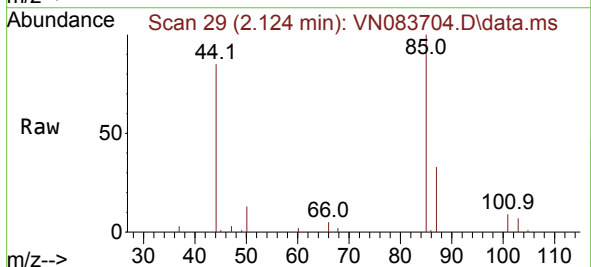
Instrument :
MSVOA_N
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VSTDCCC020EC

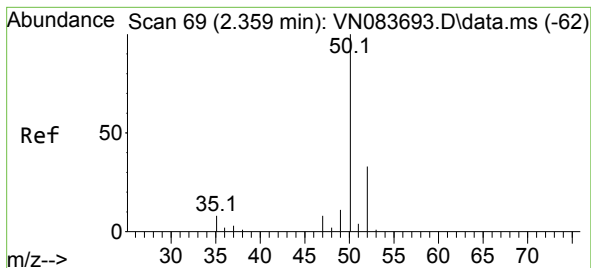
Tgt Ion:128 Resp: 27171
Ion Ratio Lower Upper
128 100
49 182.8 0.0 403.7
130 132.3 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 19.870 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 85 Resp: 36154
Ion Ratio Lower Upper
85 100
87 32.9 16.8 50.3





#3

Chloromethane

Concen: 21.611 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

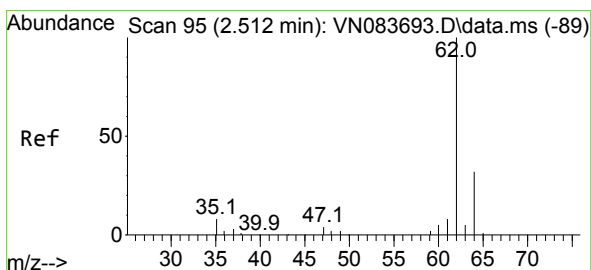
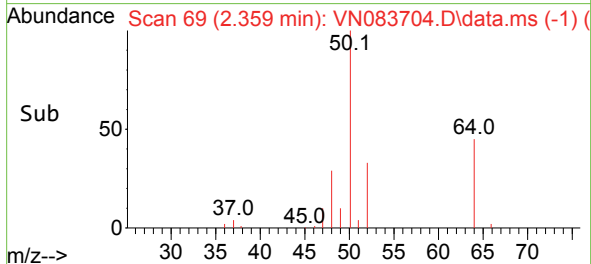
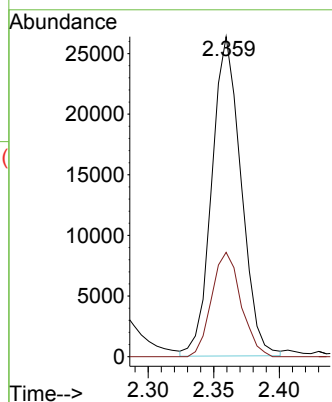
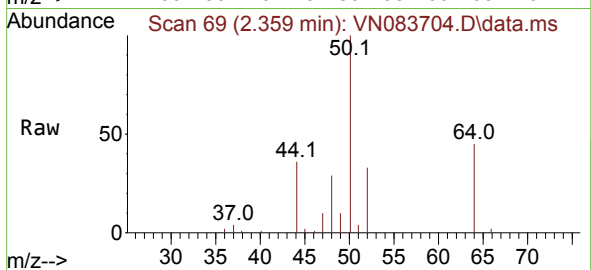
VSTDCCC020EC

Tgt Ion: 50 Resp: 40857

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.0



#4

Vinyl Chloride

Concen: 20.715 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083704.D

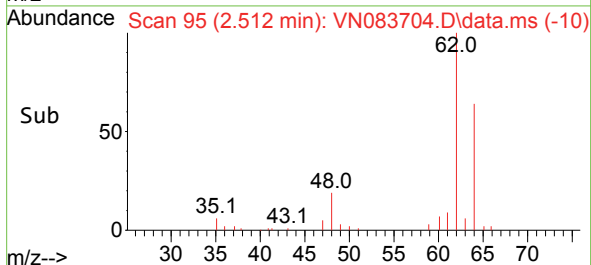
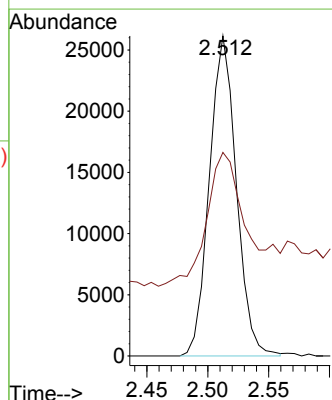
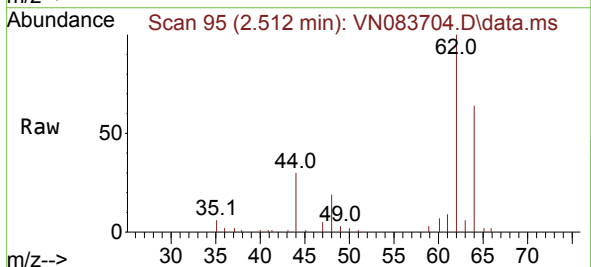
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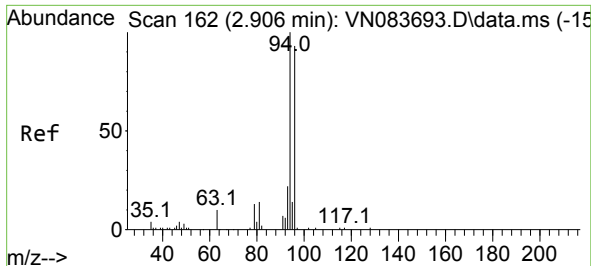
Tgt Ion: 62 Resp: 40260

Ion Ratio Lower Upper

62 100

64 38.4 24.1 36.1#

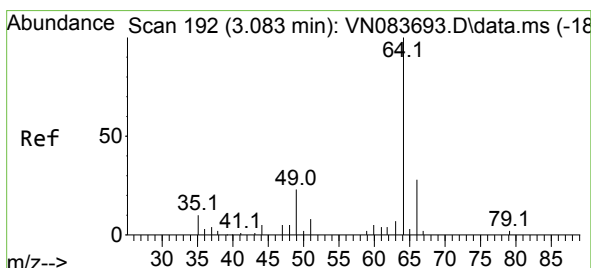
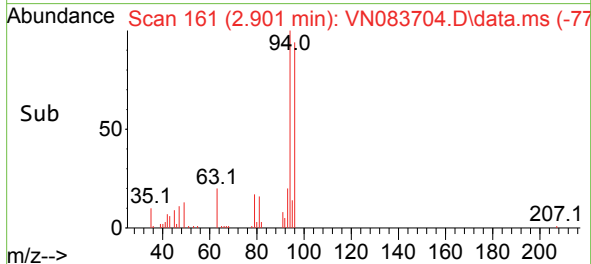
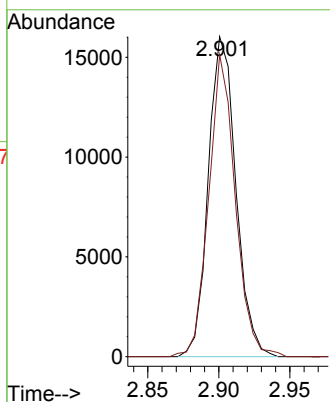
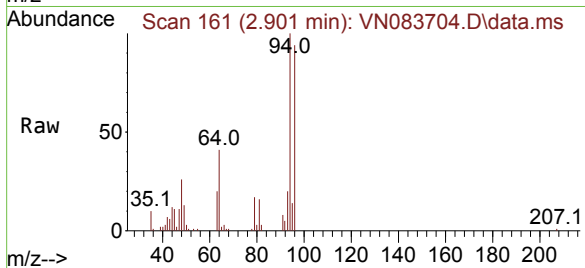




#5
Bromomethane
Concen: 19.941 ug/l
RT: 2.901 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

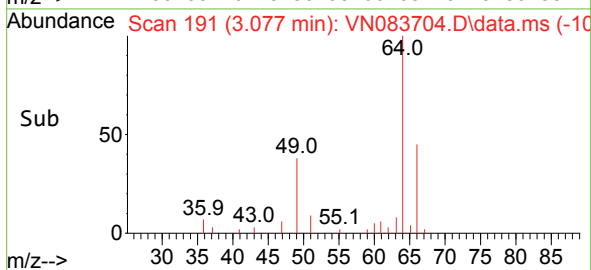
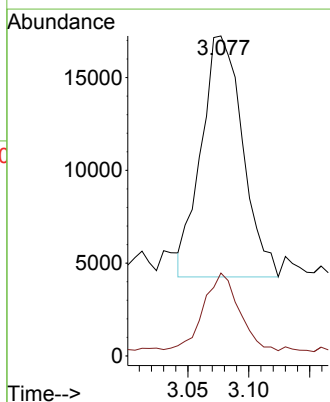
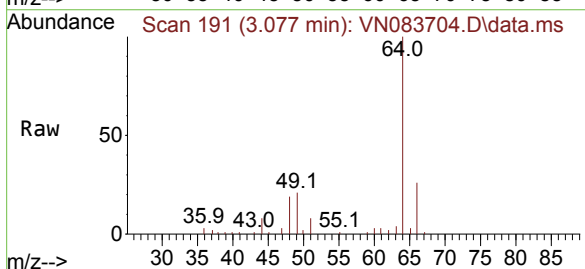
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ClientSampleId :
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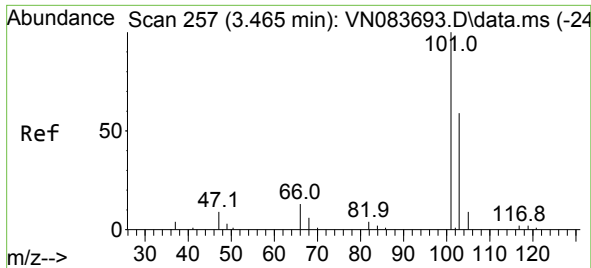
Tgt Ion: 94 Resp: 21654
Ion Ratio Lower Upper
94 100
96 93.4 72.8 109.2



#6
Chloroethane
Concen: 23.588 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 64 Resp: 30699
Ion Ratio Lower Upper
64 100
66 32.2 26.7 40.1

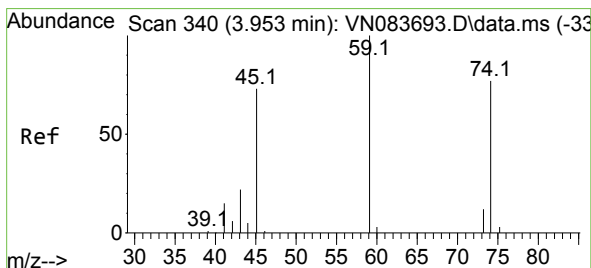
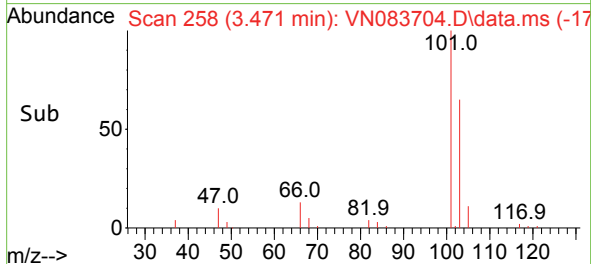
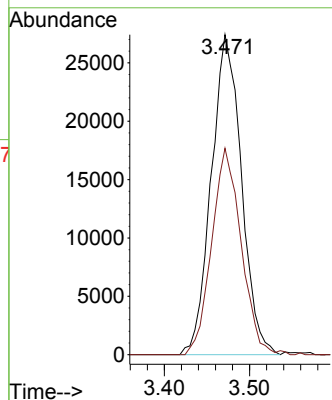
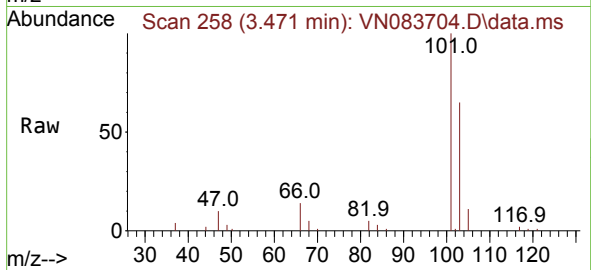




#7
 Trichlorofluoromethane
 Concen: 20.690 ug/l
 RT: 3.471 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

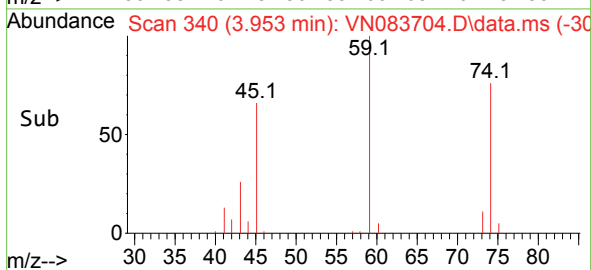
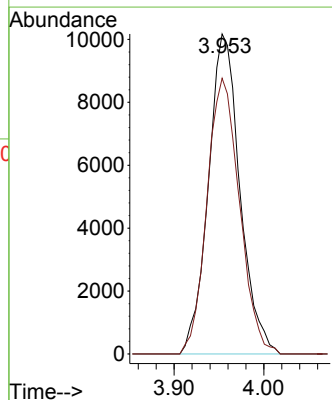
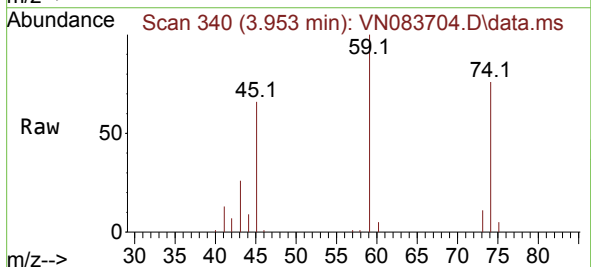
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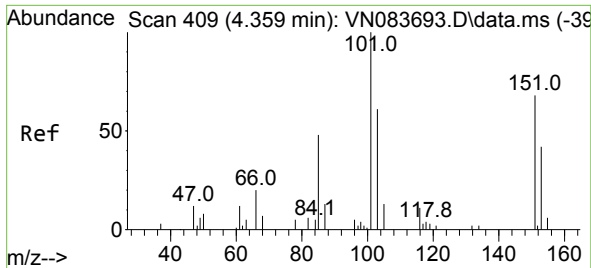
Tgt Ion:101 Resp: 67416
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.0 79.4



#8
 Diethyl Ether
 Concen: 22.440 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

Tgt Ion: 74 Resp: 24845
 Ion Ratio Lower Upper
 74 100
 45 88.7 16.4 147.4

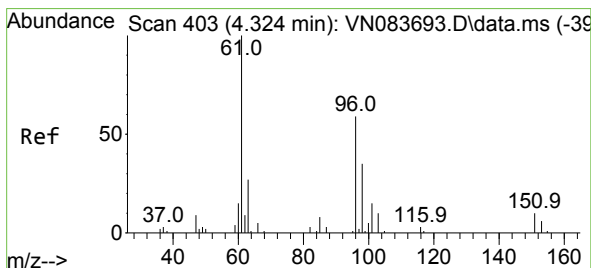
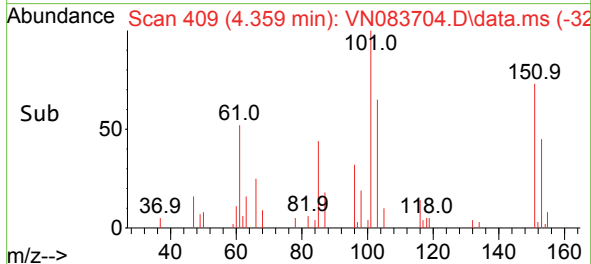
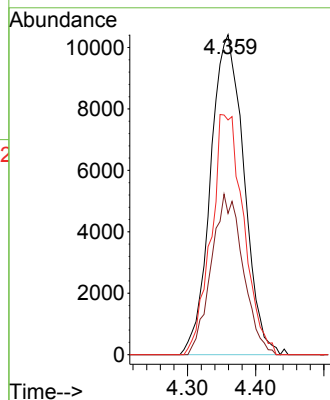
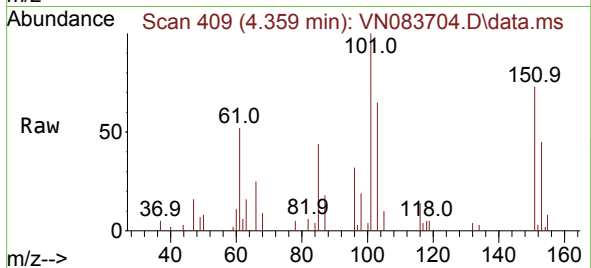




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.255 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

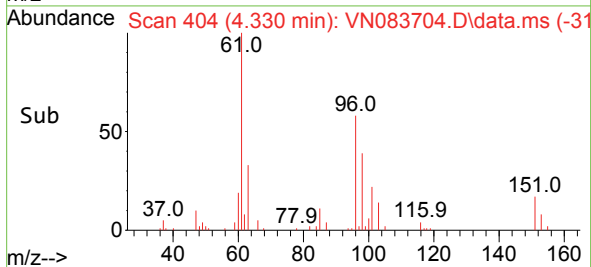
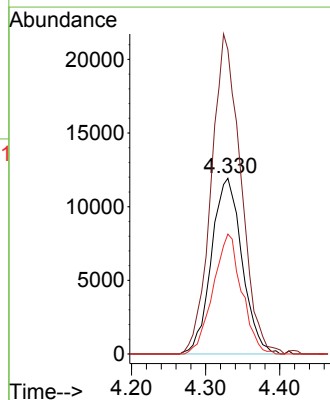
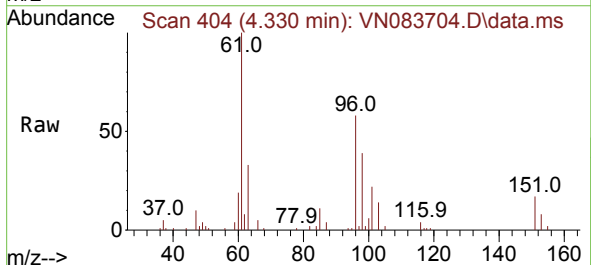
Instrument :
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 ClientSampleId :
 VSTDCCC020EC

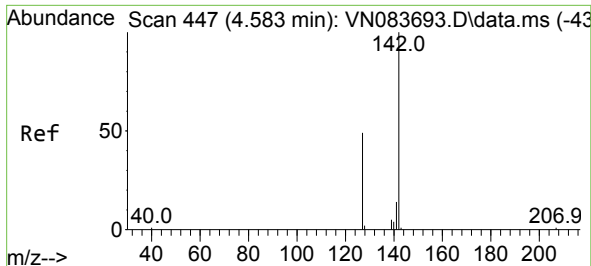
Tgt Ion:101 Resp: 35451
 Ion Ratio Lower Upper
 101 100
 85 26.9 0.0 90.6
 151 40.8 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 20.283 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

Tgt Ion: 96 Resp: 34253
 Ion Ratio Lower Upper
 96 100
 61 173.2 117.6 176.4
 98 68.2 48.4 72.6

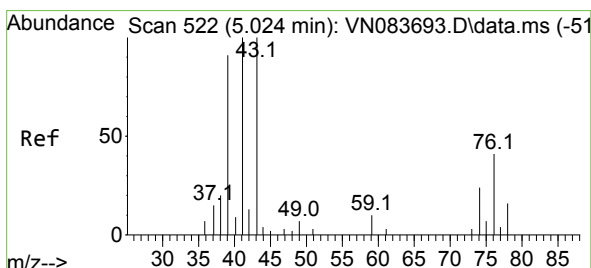
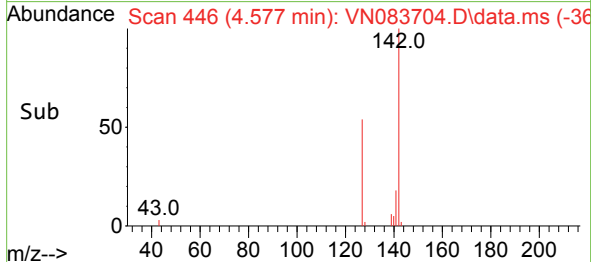
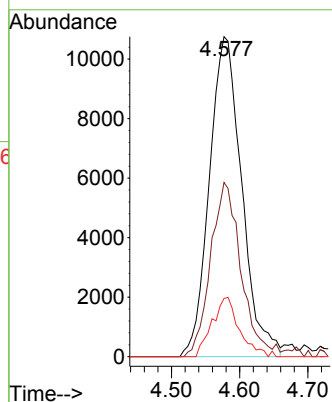
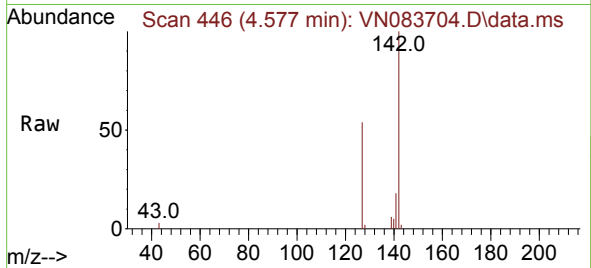




#11
Methyl Iodide
Concen: 15.498 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

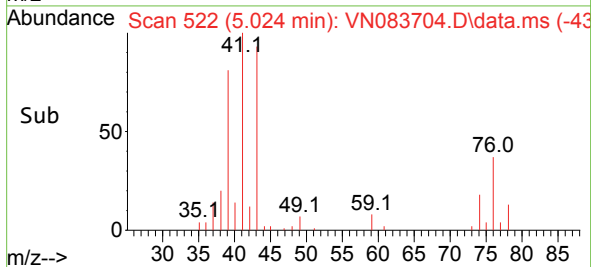
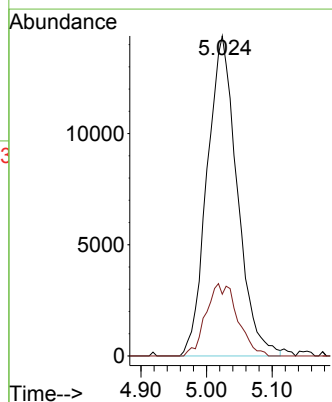
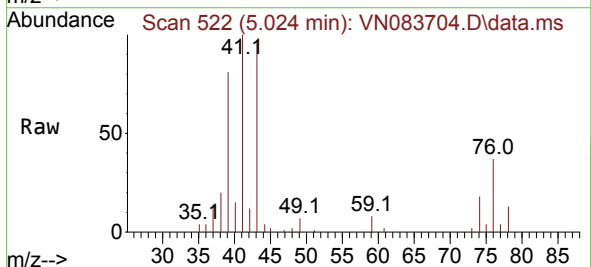
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

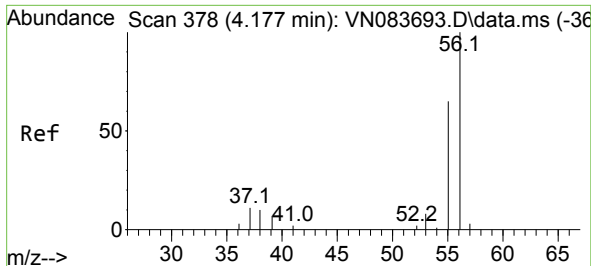
Tgt Ion:142 Resp: 35550
Ion Ratio Lower Upper
142 100
127 54.5 26.3 78.9
141 18.4 8.3 24.9



#12
Methyl Acetate
Concen: 22.549 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 43 Resp: 45923
Ion Ratio Lower Upper
43 100
74 19.5 27.7 41.5#

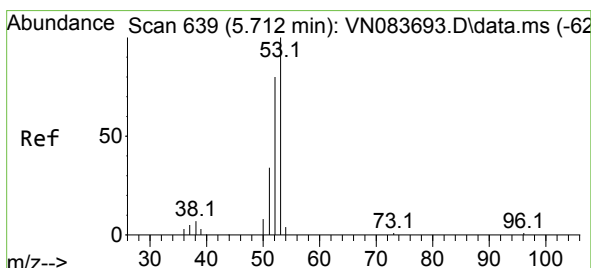
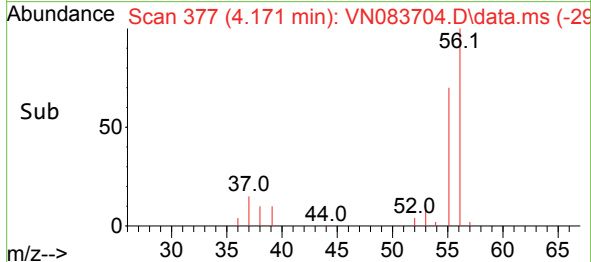
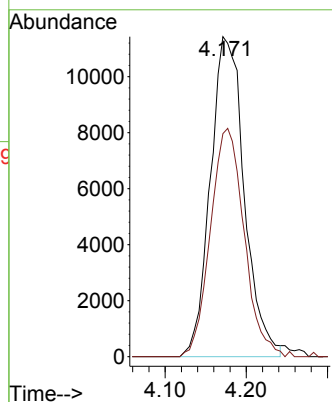
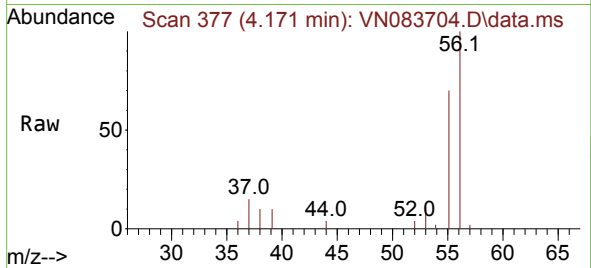




#13
Acrolein
Concen: 111.414 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

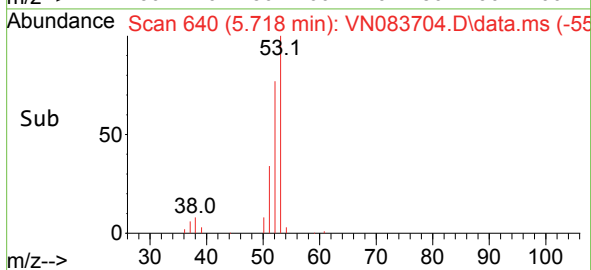
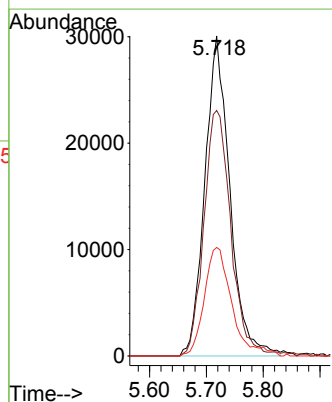
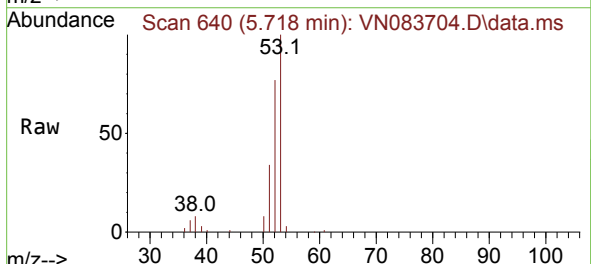
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

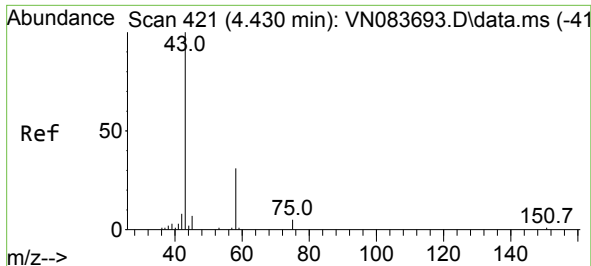
Tgt Ion: 56 Resp: 33115
Ion Ratio Lower Upper
56 100
55 71.0 55.5 83.3



#14
Acrylonitrile
Concen: 111.376 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 53 Resp: 91794
Ion Ratio Lower Upper
53 100
52 82.0 41.3 123.9
51 36.2 16.8 50.3

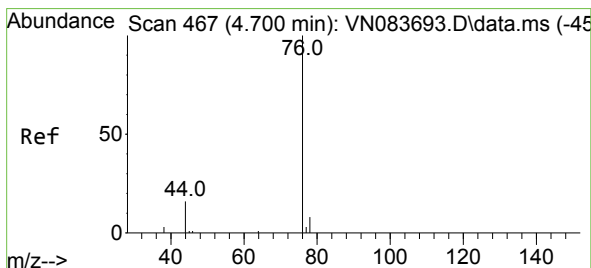
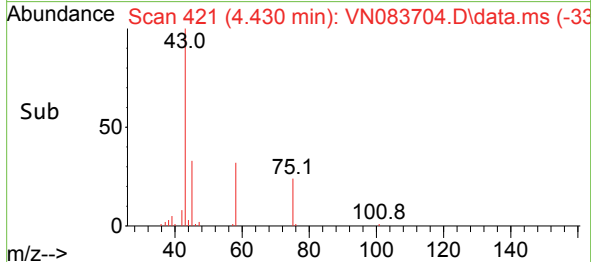
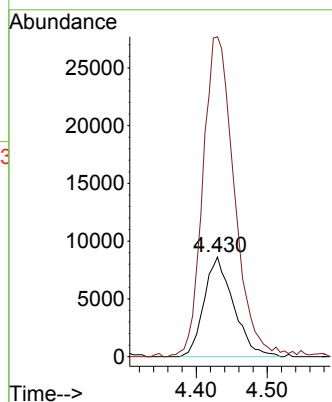
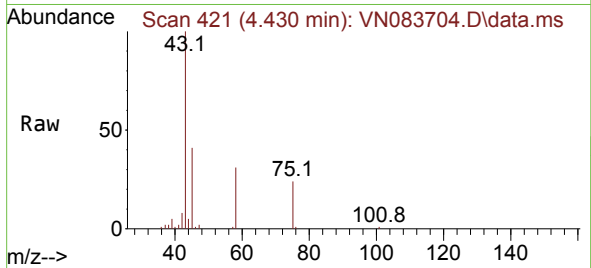




#15
Acetone
Concen: 90.933 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

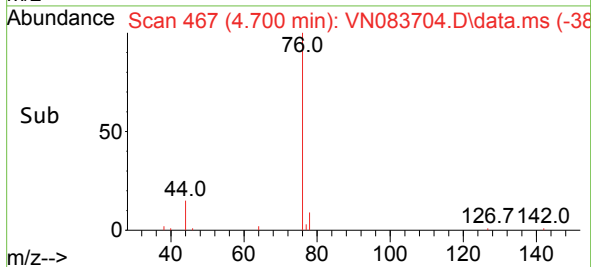
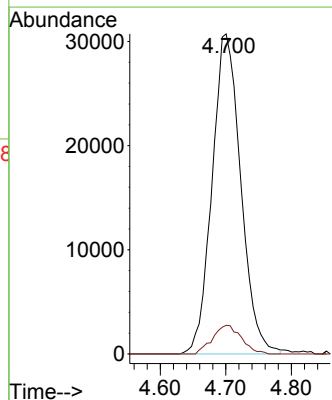
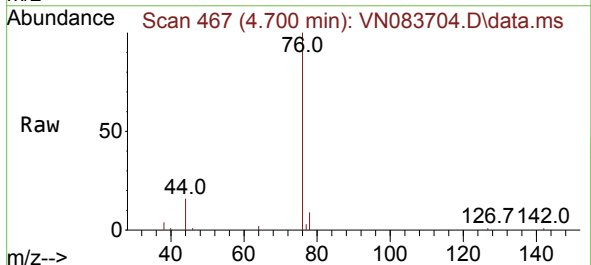
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

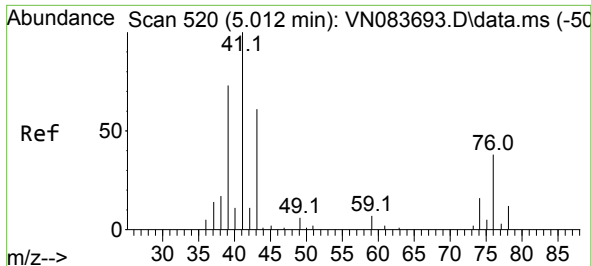
Tgt Ion: 58 Resp: 24861
Ion Ratio Lower Upper
58 100
43 316.7 223.1 334.7



#16
Carbon Disulfide
Concen: 19.576 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 76 Resp: 93428
Ion Ratio Lower Upper
76 100
78 8.9 6.3 9.5



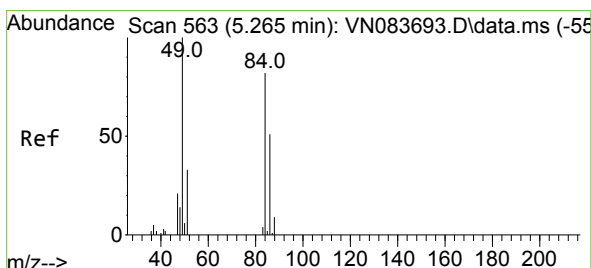
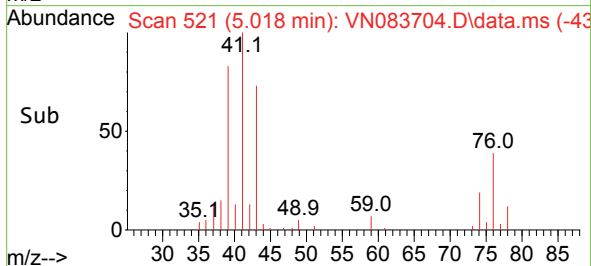
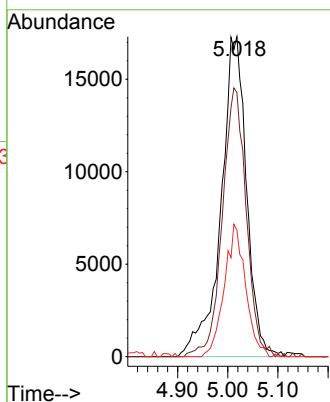
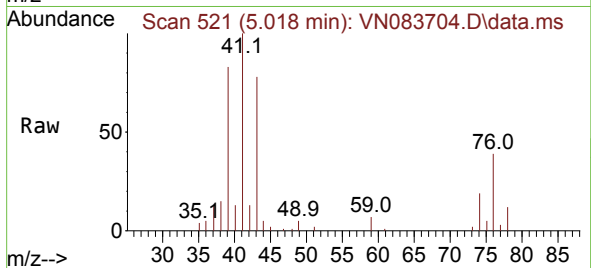


#17
 Allyl chloride
 Concen: 20.753 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 41 Resp: 61458

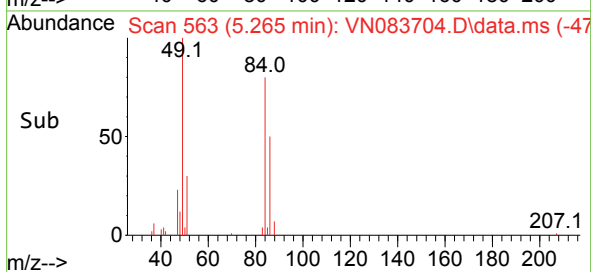
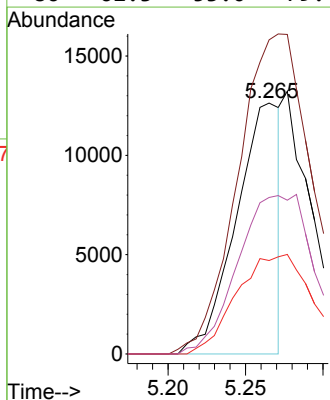
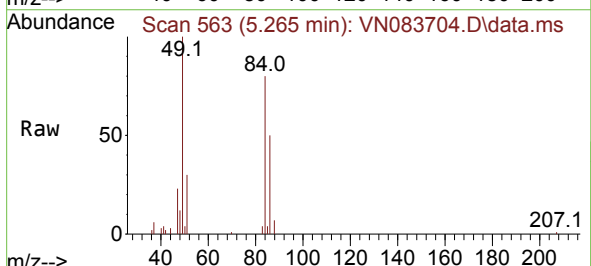
Ion	Ratio	Lower	Upper
41	100		
39	82.6	37.6	112.9
76	39.5	27.8	83.4

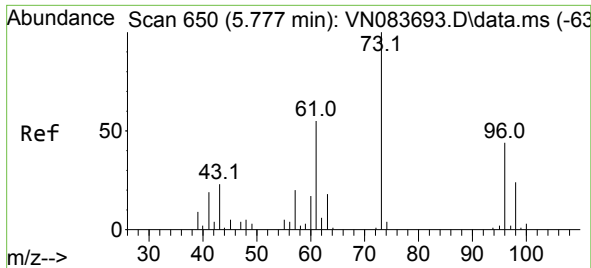


#18
 Methylene Chloride
 Concen: 13.545 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

Tgt Ion: 84 Resp: 25025

Ion	Ratio	Lower	Upper
84	100		
49	123.3	86.0	129.0
51	37.2	30.0	45.0
86	62.3	53.0	79.4

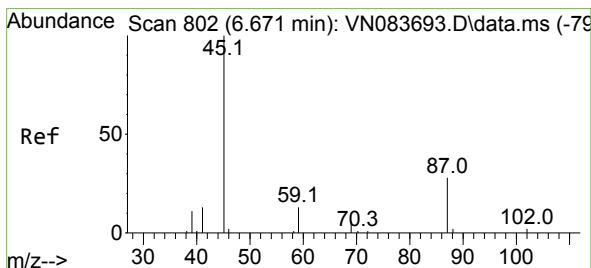
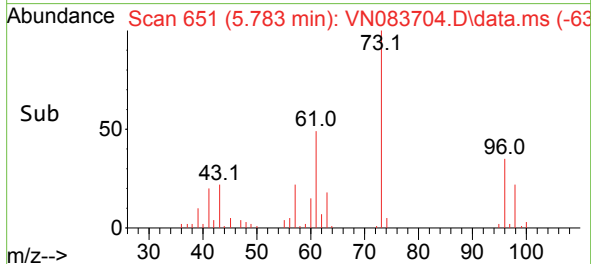
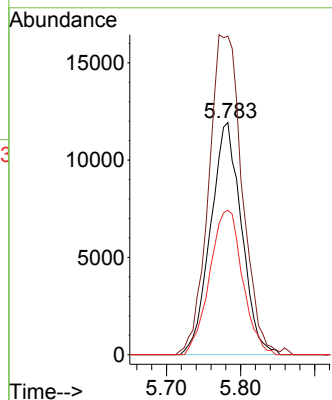
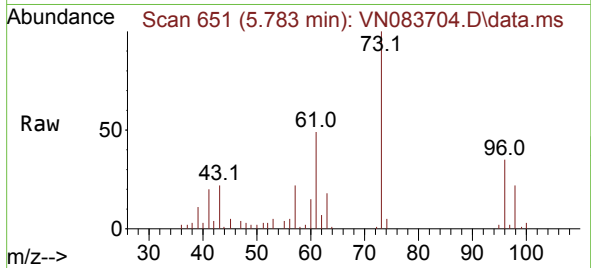




#19
trans-1,2-Dichloroethene
Concen: 19.755 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

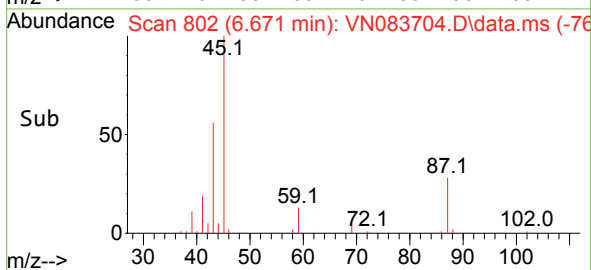
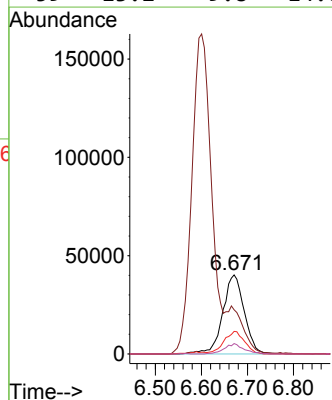
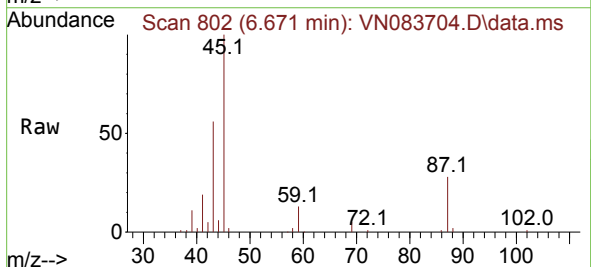
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

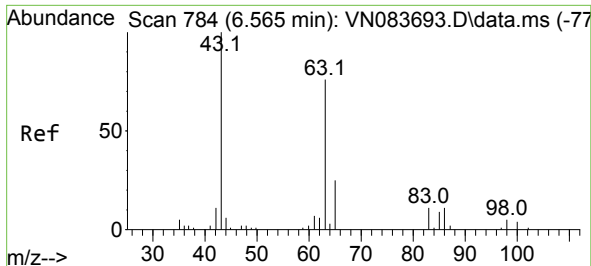
Tgt Ion: 96 Resp: 34576
Ion Ratio Lower Upper
96 100
61 135.9 111.8 167.6
98 62.3 49.2 73.8



#20
Diisopropyl ether
Concen: 21.786 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 45 Resp: 130294
Ion Ratio Lower Upper
45 100
43 54.1 40.4 60.6
87 28.5 23.8 35.8
59 13.2 9.8 14.6





#21

1,1-Dichloroethane

Concen: 21.445 ug/l

RT: 6.565 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

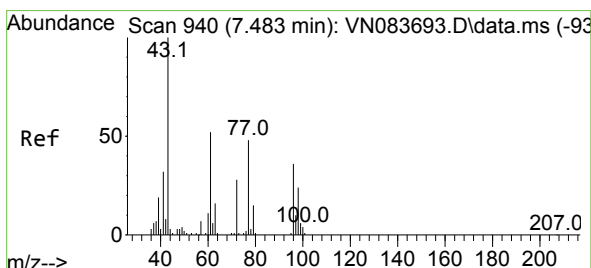
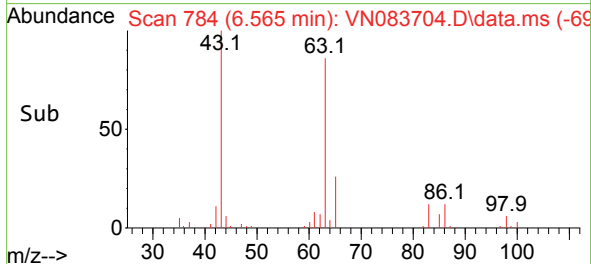
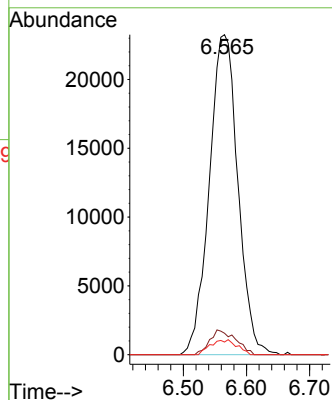
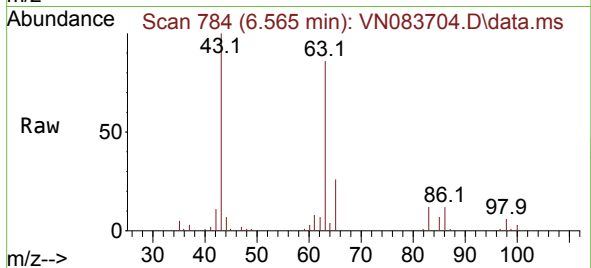
Tgt Ion: 63 Resp: 73225

Ion Ratio Lower Upper

63 100

98 6.7 4.1 12.3

100 4.0 3.0 9.0



#22

cis-1,2-Dichloroethene

Concen: 20.547 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

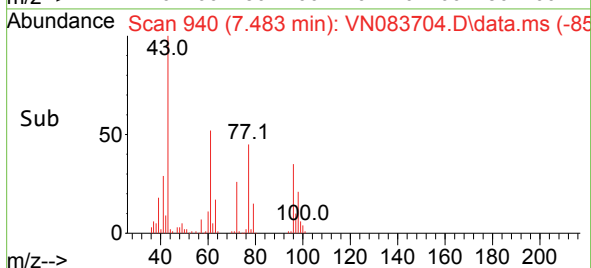
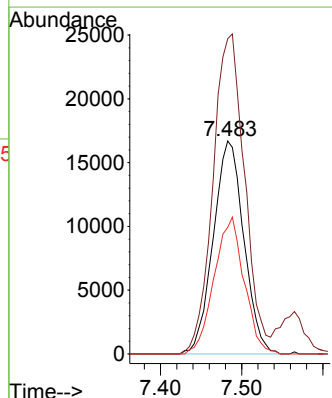
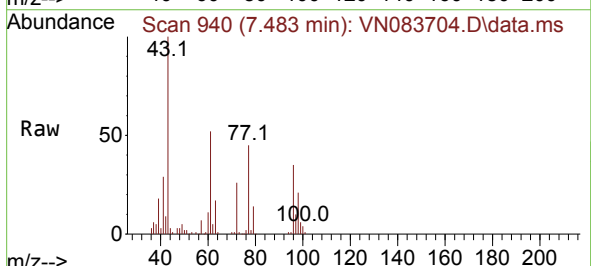
Tgt Ion: 96 Resp: 43771

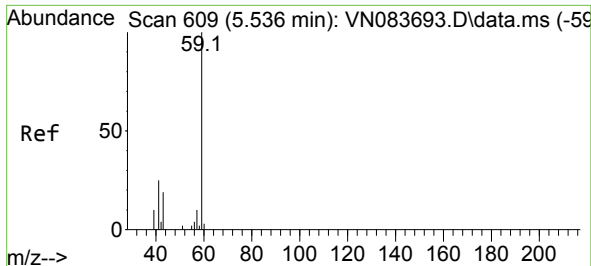
Ion Ratio Lower Upper

96 100

61 155.2 113.5 170.3

98 62.8 52.0 78.0

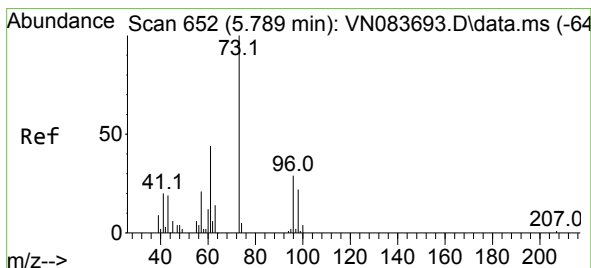
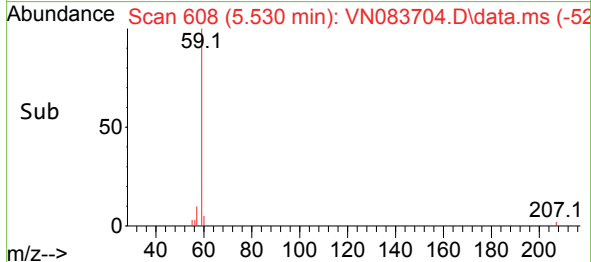
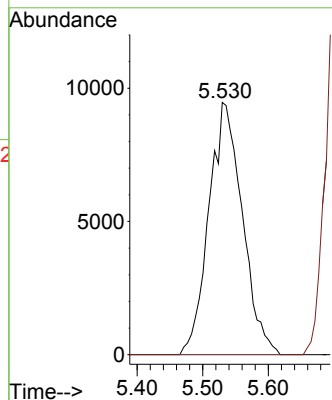
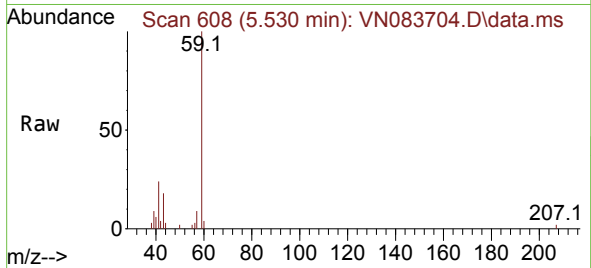




#23
tert-Butyl Alcohol
Concen: 111.033 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

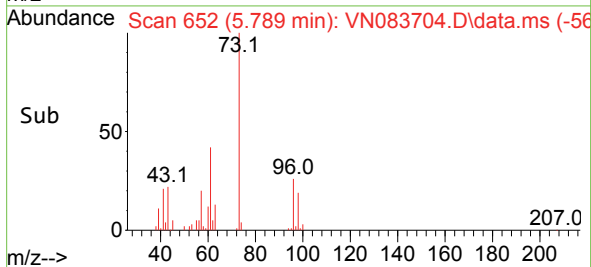
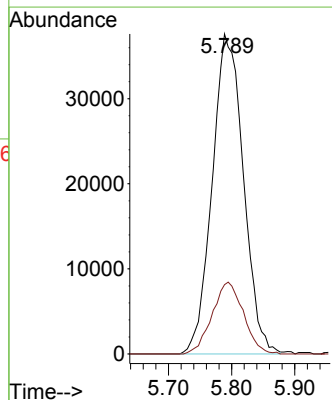
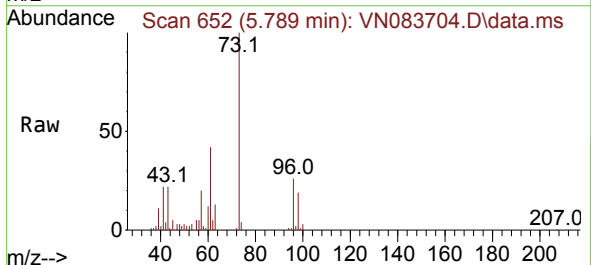
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

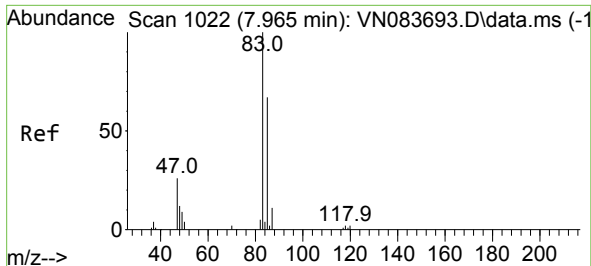
Tgt Ion: 59 Resp: 33581
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.503 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 73 Resp: 129045
Ion Ratio Lower Upper
73 100
43 22.5 13.4 20.2#

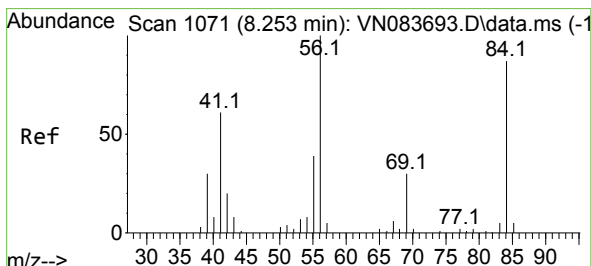
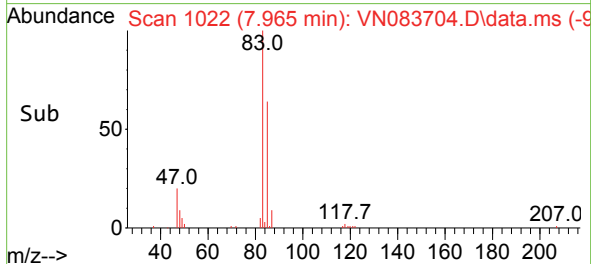
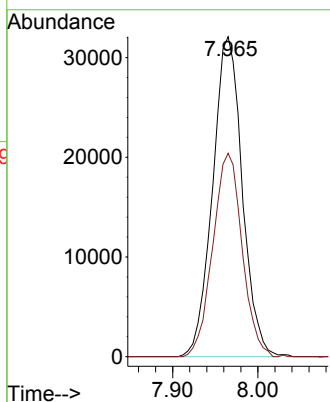
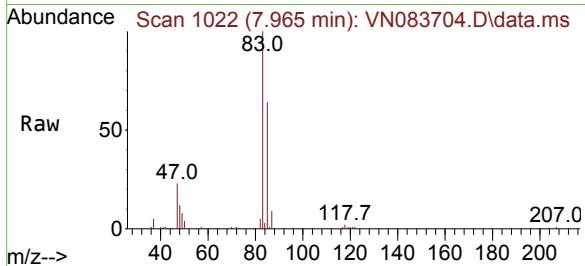




#25
Chloroform
Concen: 21.390 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

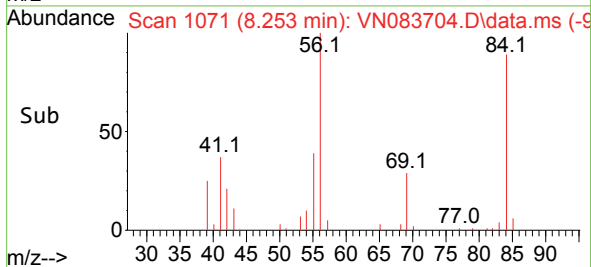
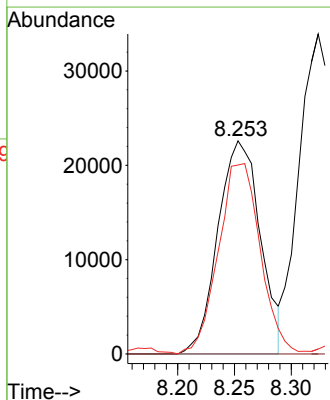
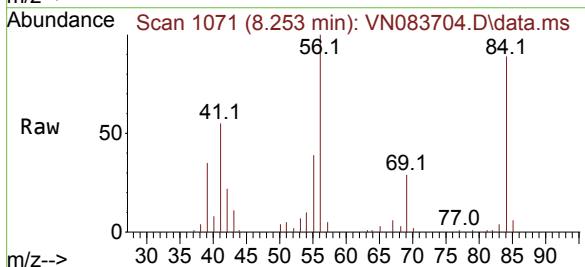
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

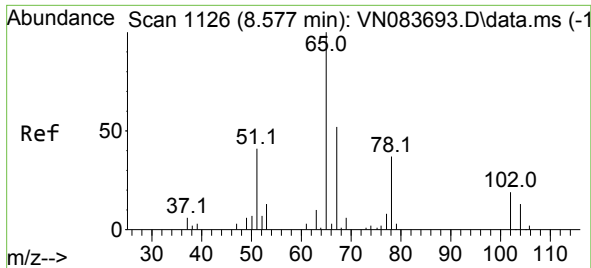
Tgt Ion: 83 Resp: 77403
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3



#26
Cyclohexane
Concen: 19.525 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 56 Resp: 58720
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 88.2 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 31.029 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

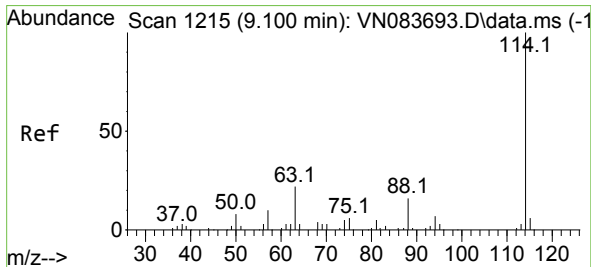
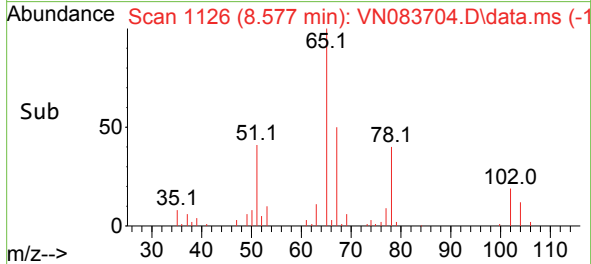
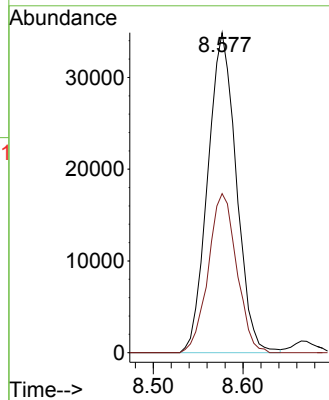
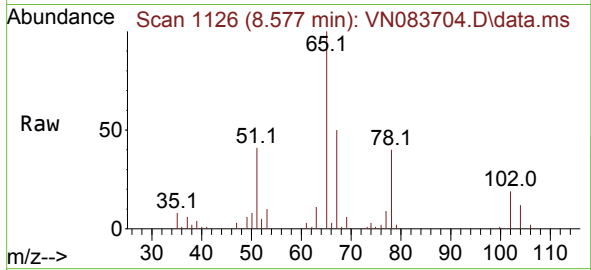
VSTDCCC020EC

Tgt Ion: 65 Resp: 77065

Ion Ratio Lower Upper

65 100

67 49.4 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

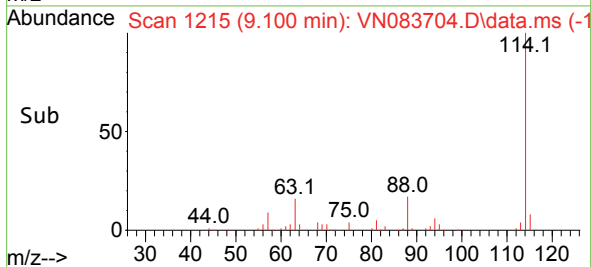
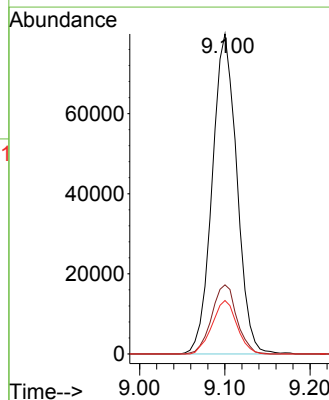
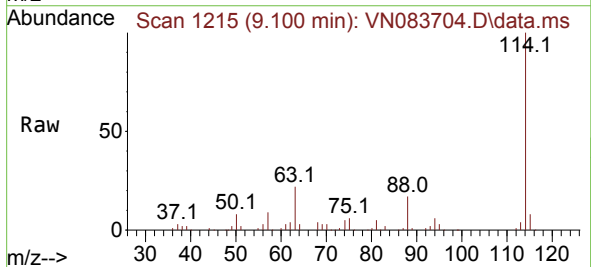
Tgt Ion: 114 Resp: 160582

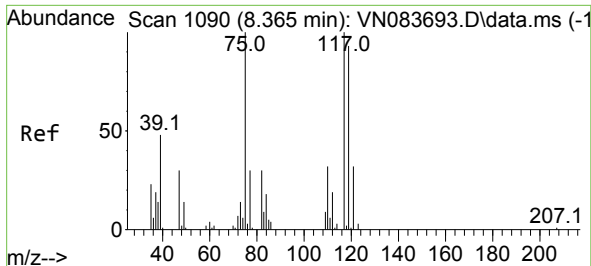
Ion Ratio Lower Upper

114 100

63 22.1 15.9 23.9

88 16.9 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.915 ug/l

RT: 8.365 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

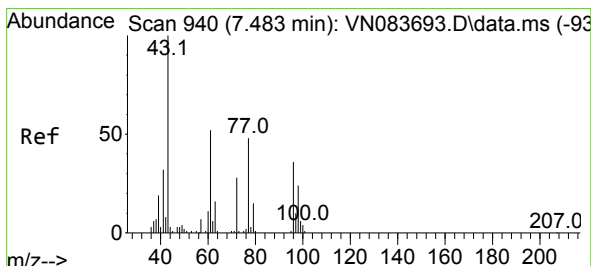
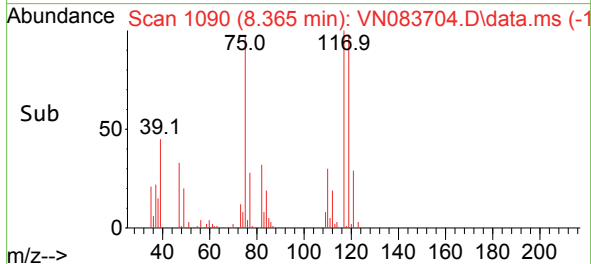
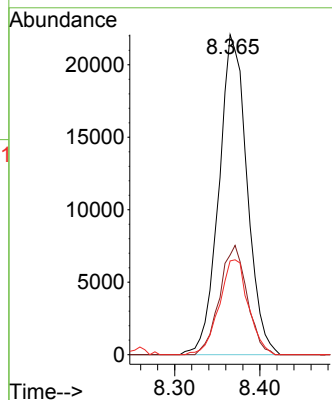
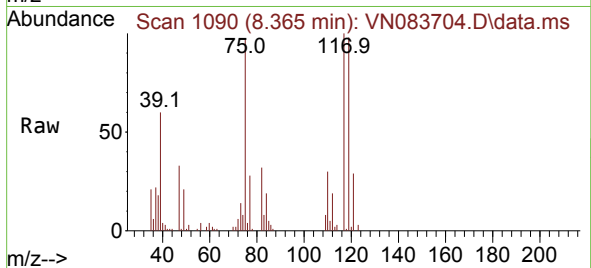
Tgt Ion: 75 Resp: 50725

Ion Ratio Lower Upper

75 100

110 33.3 0.0 70.2

77 30.6 0.0 61.4



#30

2-Butanone

Concen: 104.927 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

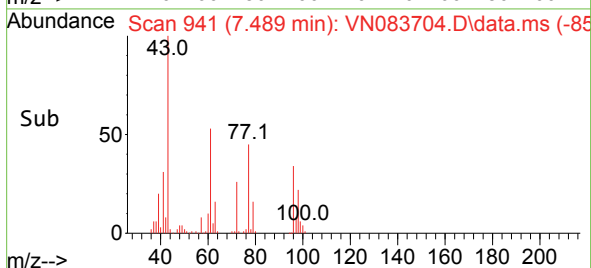
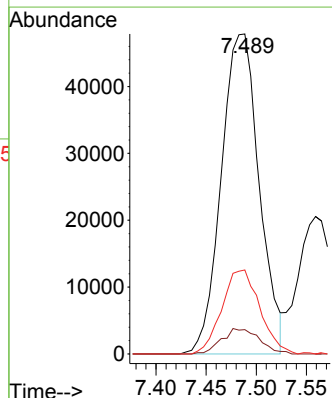
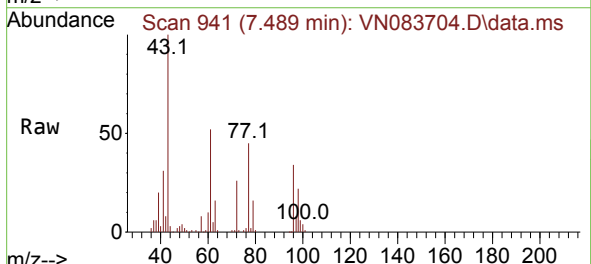
Tgt Ion: 43 Resp: 125981

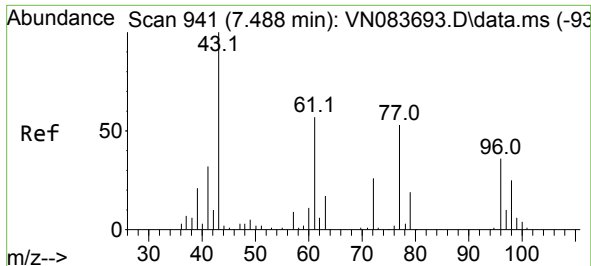
Ion Ratio Lower Upper

43 100

57 7.9 6.7 10.1

72 26.2 24.0 36.0





#31

2,2-Dichloropropane

Concen: 19.064 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

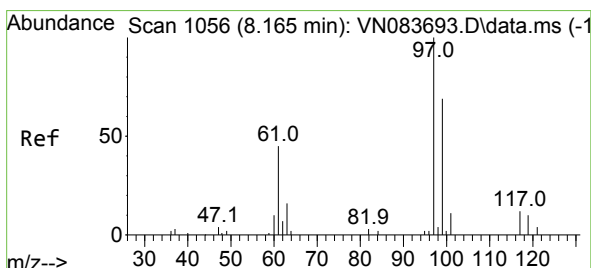
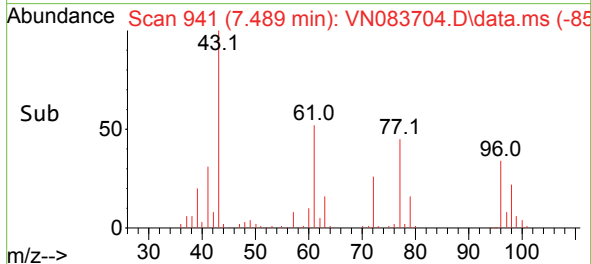
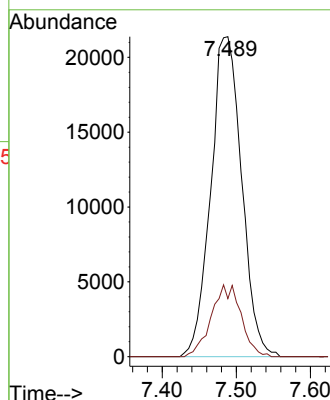
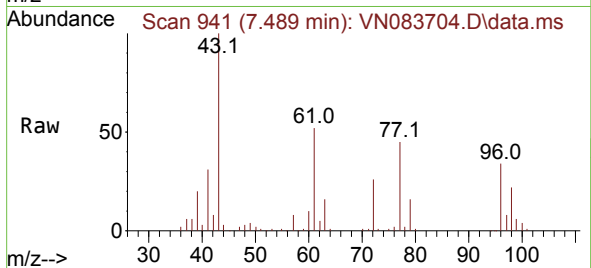
VSTDCCC020EC

Tgt Ion: 77 Resp: 61908

Ion Ratio Lower Upper

77 100

97 21.6 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 20.695 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

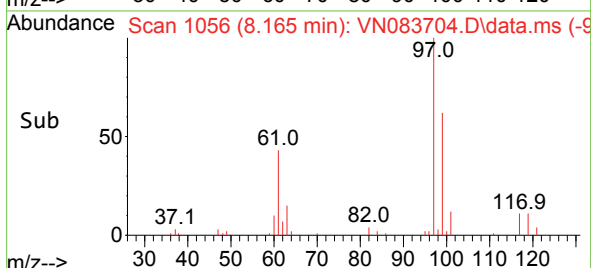
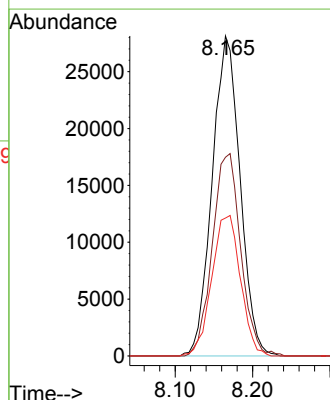
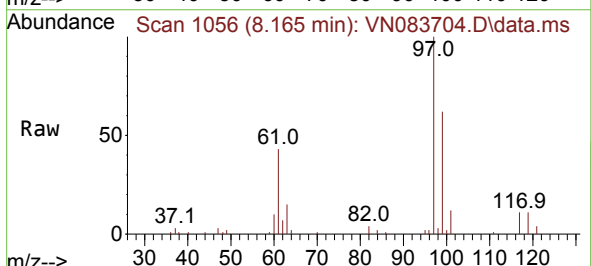
Tgt Ion: 97 Resp: 70394

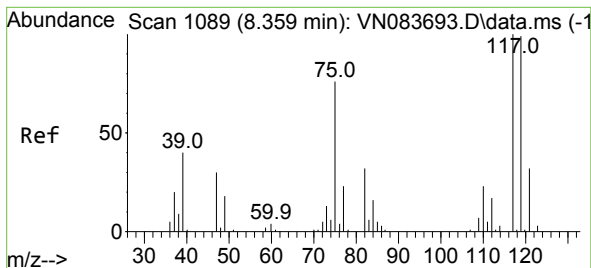
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 45.3 33.8 50.8





#33

Carbon Tetrachloride

Concen: 20.363 ug/l

RT: 8.359 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

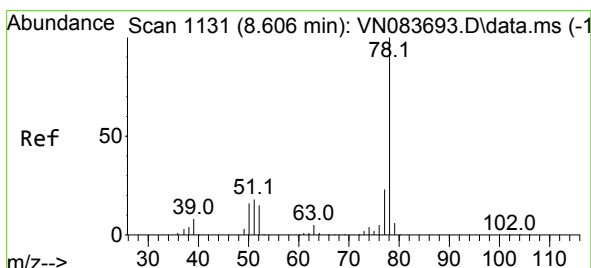
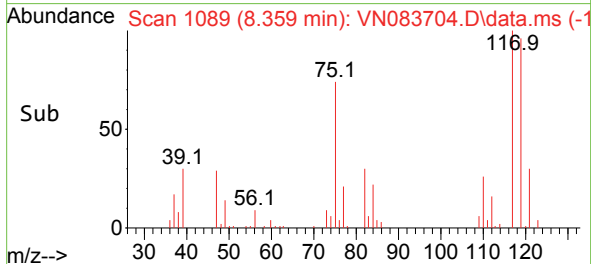
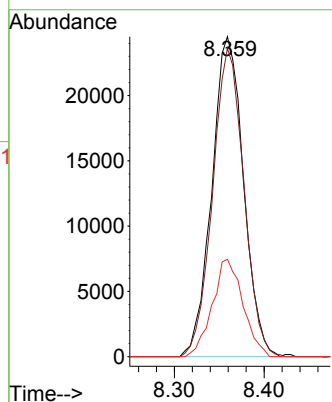
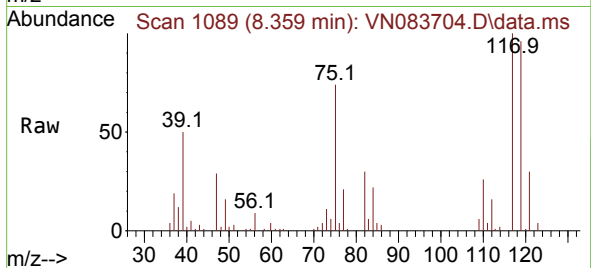
Tgt Ion:117 Resp: 59984

Ion Ratio Lower Upper

117 100

119 96.4 77.7 116.5

121 30.5 27.0 40.6



#34

Benzene

Concen: 21.166 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

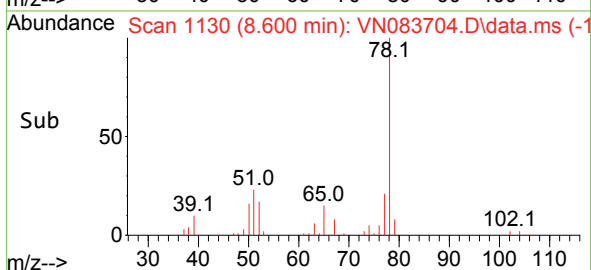
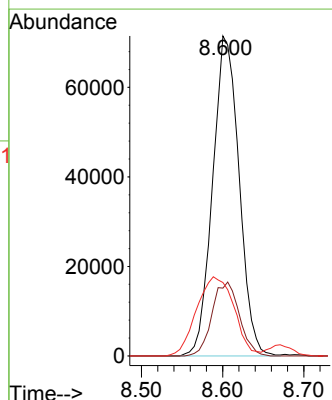
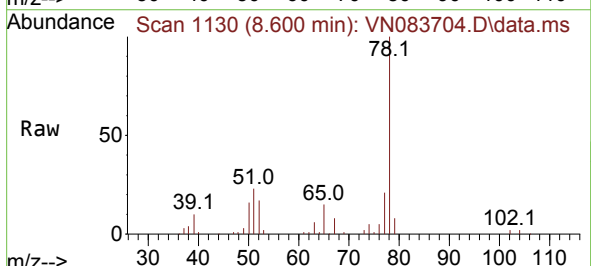
Tgt Ion: 78 Resp: 161754

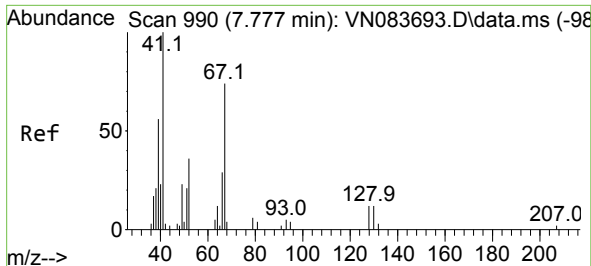
Ion Ratio Lower Upper

78 100

77 21.2 19.2 28.8

51 20.9 13.3 19.9#

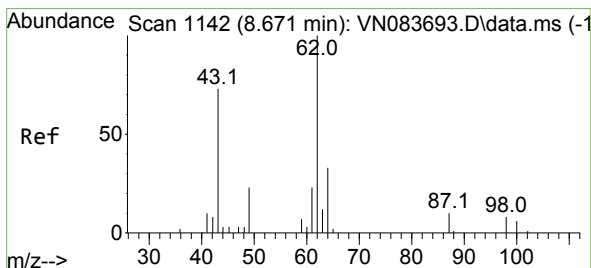
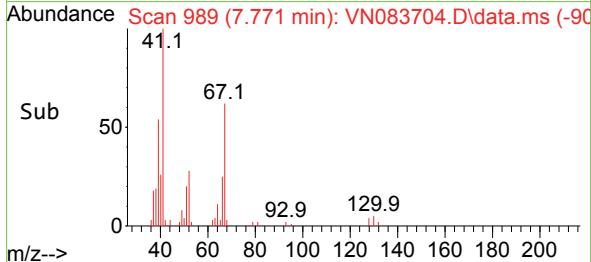
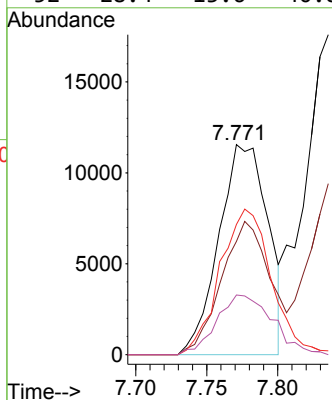
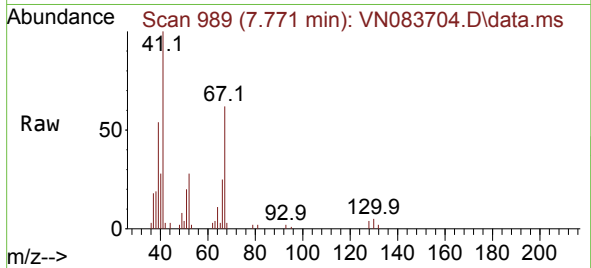




#35
Methacrylonitrile
Concen: 20.593 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

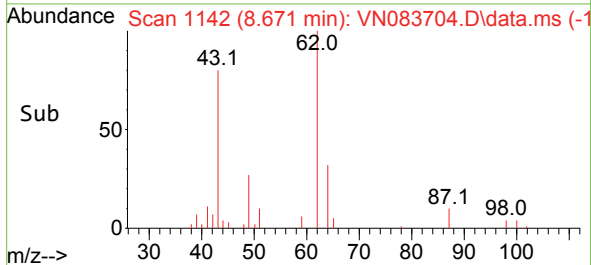
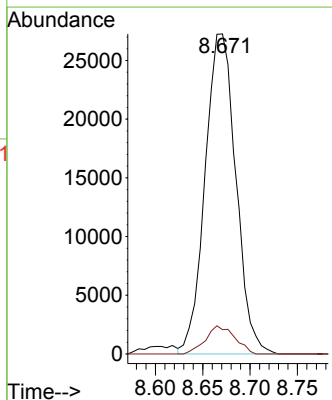
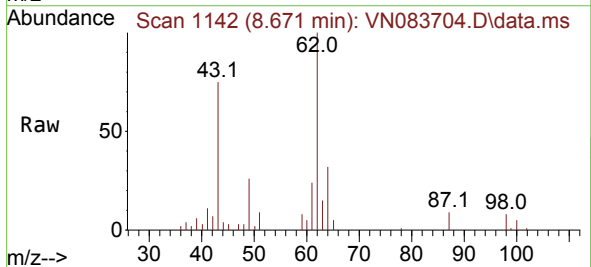
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

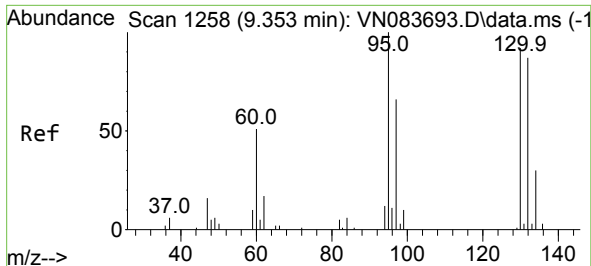
Tgt Ion:	41	Resp:	27795
Ion	Ratio	Lower	Upper
41	100		
39	53.9	25.3	75.9
67	62.0	38.7	116.1
52	28.4	13.6	40.8



#36
1,2-Dichloroethane
Concen: 21.500 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion:	62	Resp:	61770
Ion	Ratio	Lower	Upper
62	100		
98	8.3	8.2	12.4





#37

Trichloroethene

Concen: 20.141 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

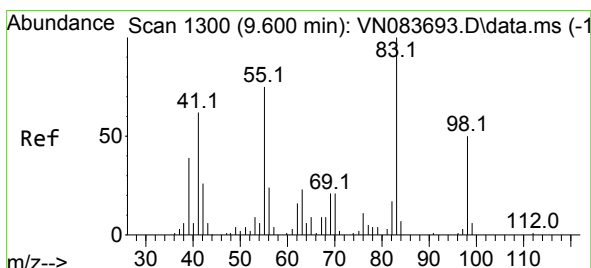
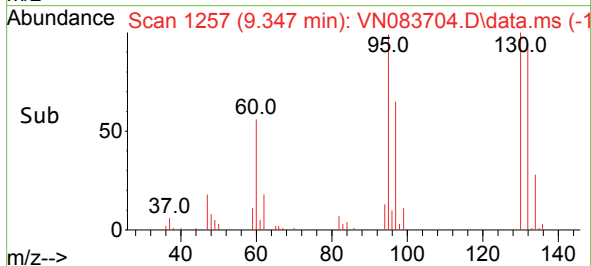
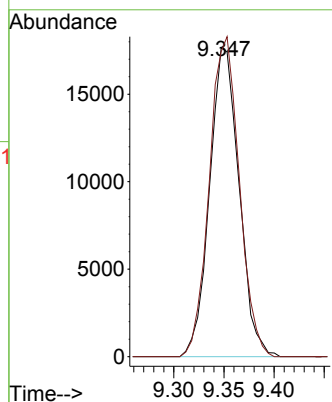
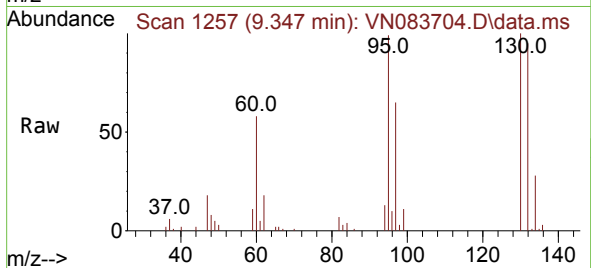
VSTDCCC020EC

Tgt Ion:130 Resp: 36146

Ion Ratio Lower Upper

130 100

95 98.8 80.2 120.4



#38

Methylcyclohexane

Concen: 19.291 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

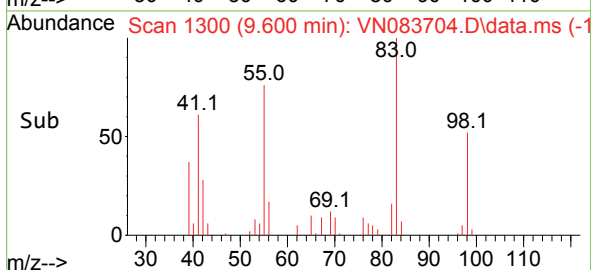
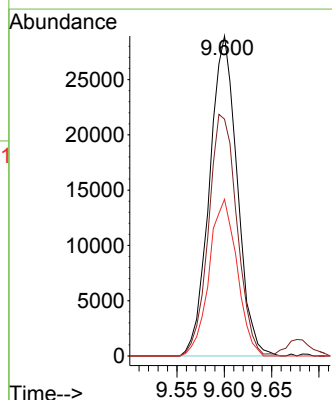
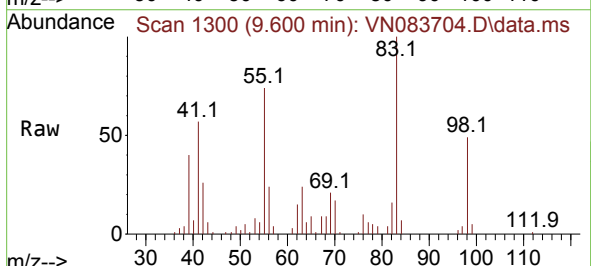
Tgt Ion: 83 Resp: 58826

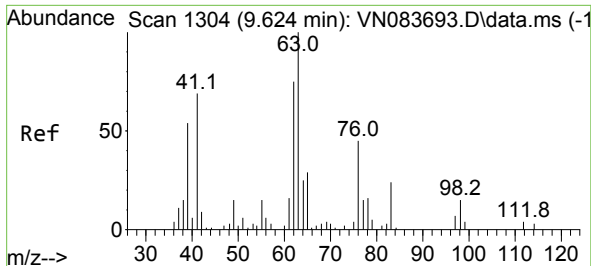
Ion Ratio Lower Upper

83 100

55 77.4 36.6 109.9

98 49.3 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.286 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

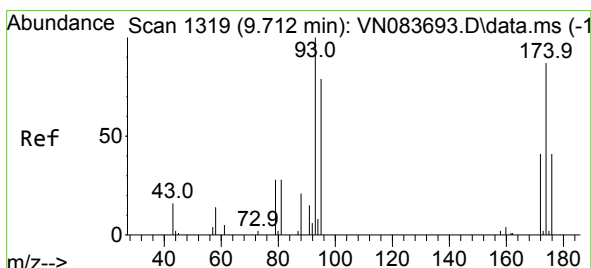
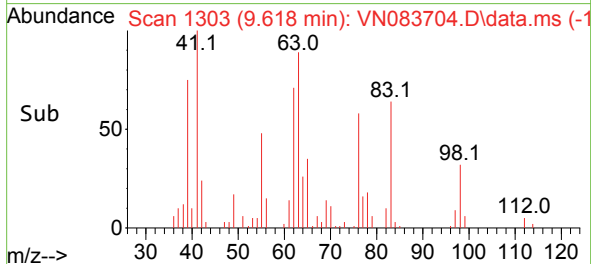
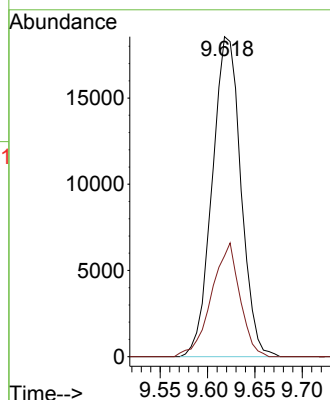
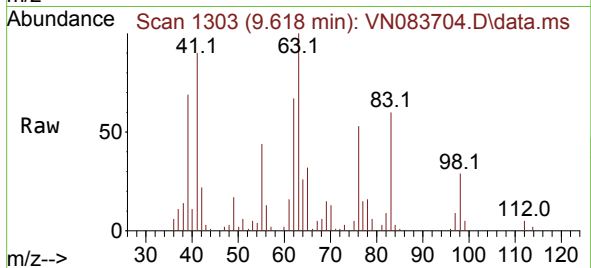
VSTDCCC020EC

Tgt Ion: 63 Resp: 39152

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.4



#40

Dibromomethane

Concen: 21.659 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

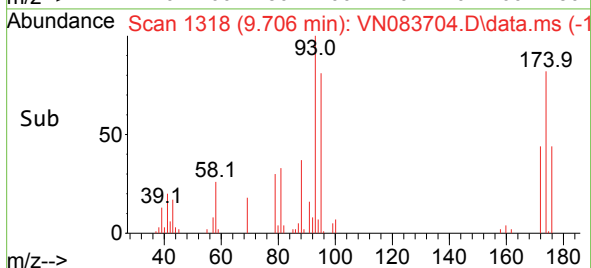
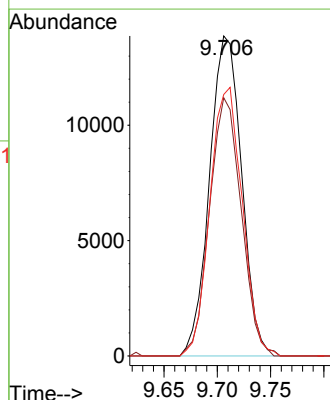
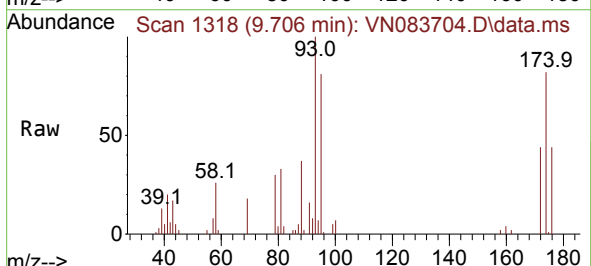
Tgt Ion: 93 Resp: 29129

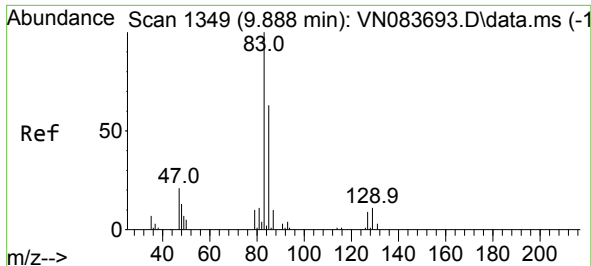
Ion Ratio Lower Upper

93 100

95 79.4 0.0 164.6

174 84.2 0.0 193.2

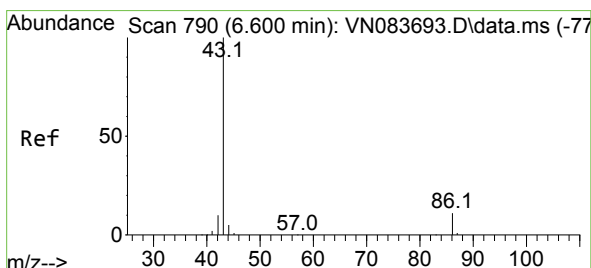
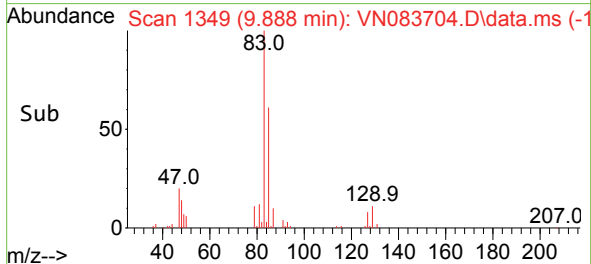
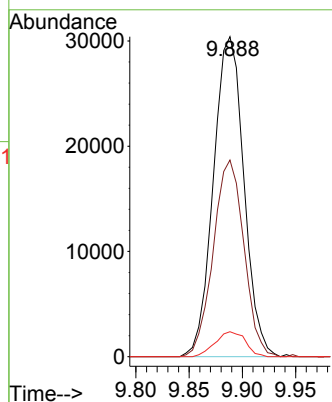
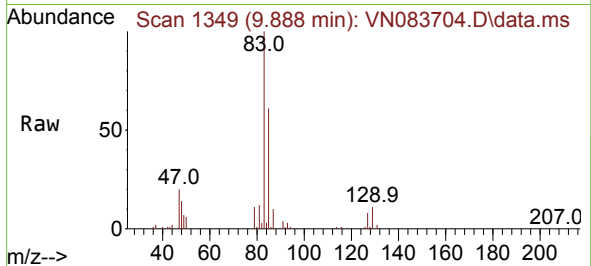




#41
Bromodichloromethane
Concen: 21.165 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

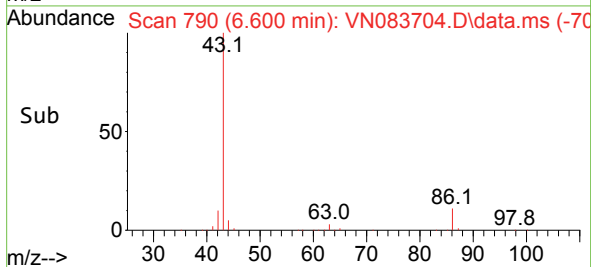
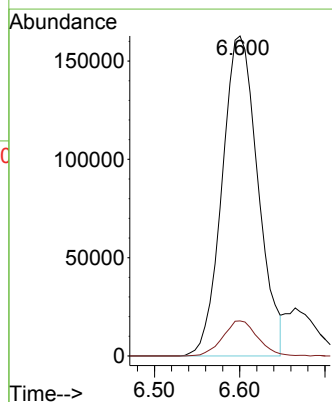
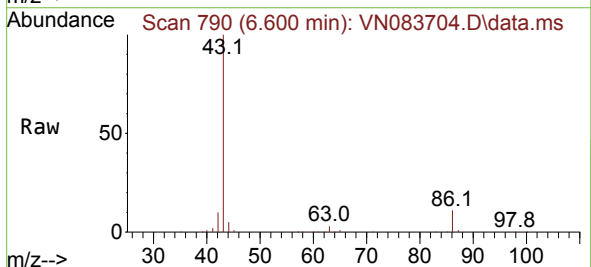
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

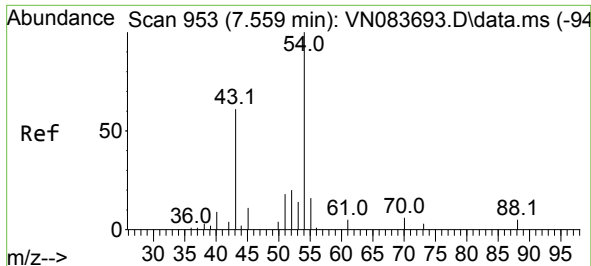
Tgt Ion: 83 Resp: 60530
Ion Ratio Lower Upper
83 100
85 61.5 49.4 74.2
127 7.8 7.3 10.9



#42
Vinyl Acetate
Concen: 96.567 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 43 Resp: 476700
Ion Ratio Lower Upper
43 100
86 10.6 9.4 14.2

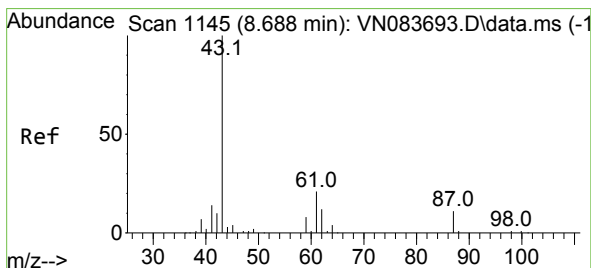
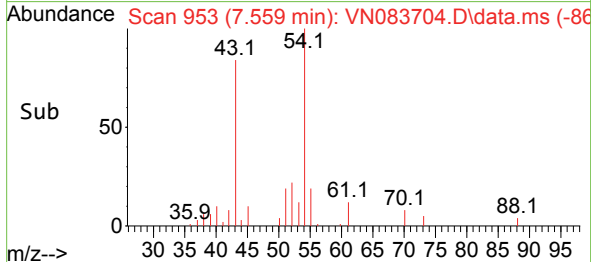
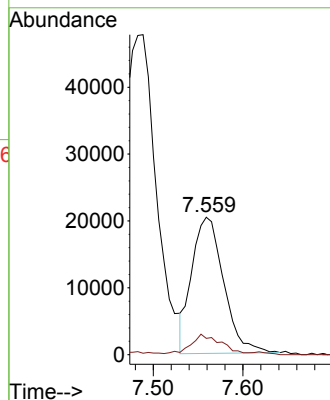
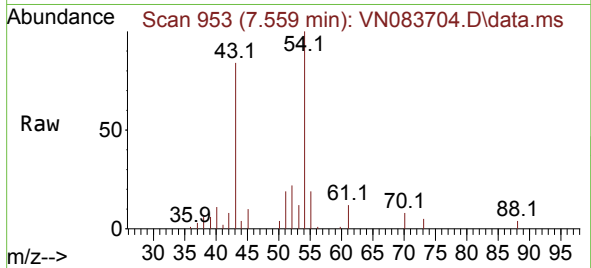




#43
Ethyl Acetate
Concen: 20.785 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

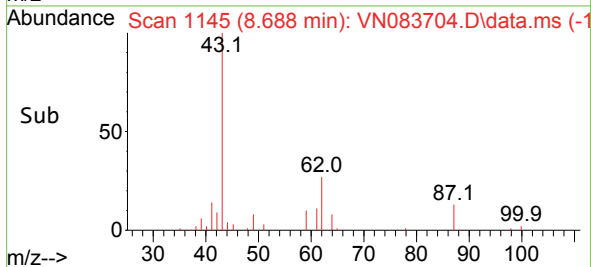
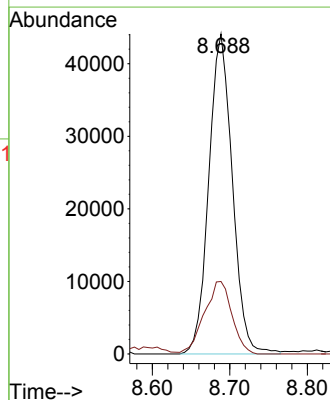
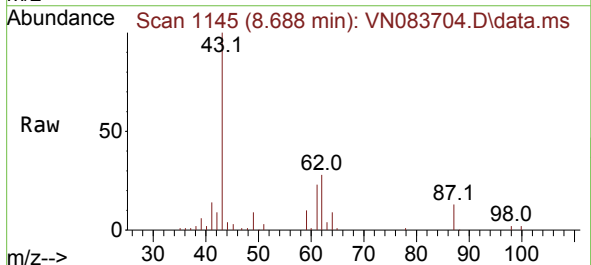
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

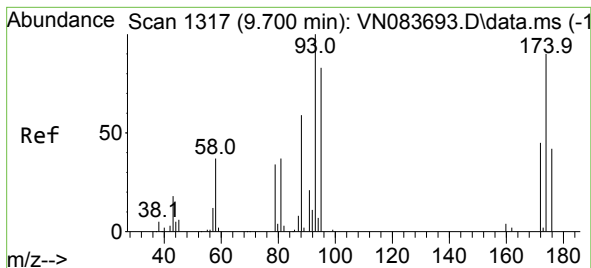
Tgt Ion: 43 Resp: 50230
Ion Ratio Lower Upper
43 100
45 13.5 10.6 15.8



#44
Isopropyl Acetate
Concen: 22.290 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 43 Resp: 93167
Ion Ratio Lower Upper
43 100
61 26.4 25.0 37.4





#45

1,4-Dioxane

Concen: 431.856 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

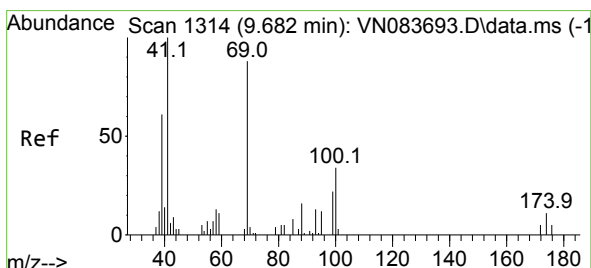
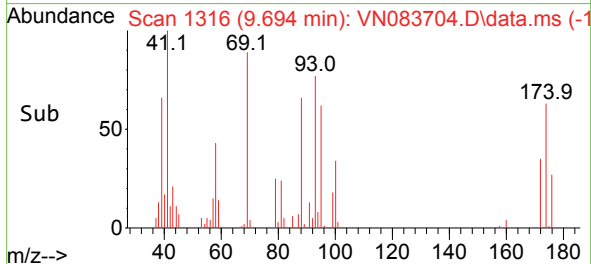
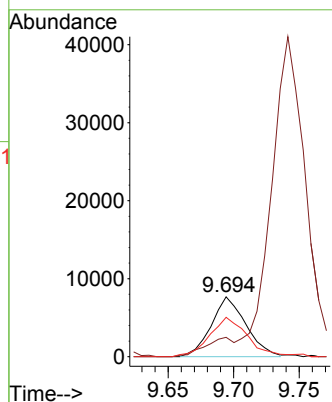
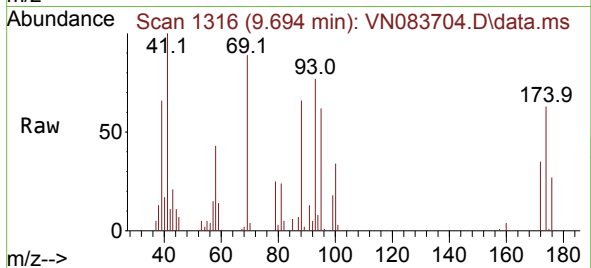
Tgt Ion: 88 Resp: 14079

Ion Ratio Lower Upper

88 100

43 26.8 19.8 29.6

58 71.8 55.4 83.0



#46

Methyl methacrylate

Concen: 21.382 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

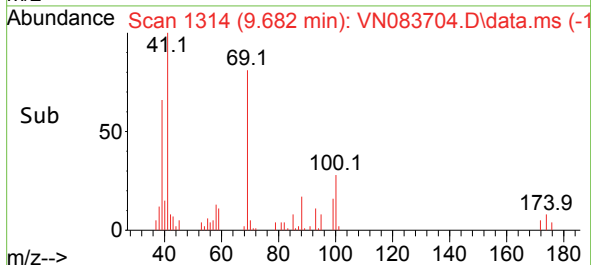
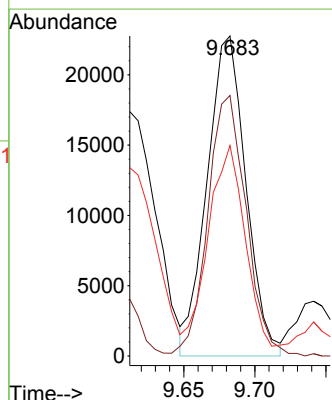
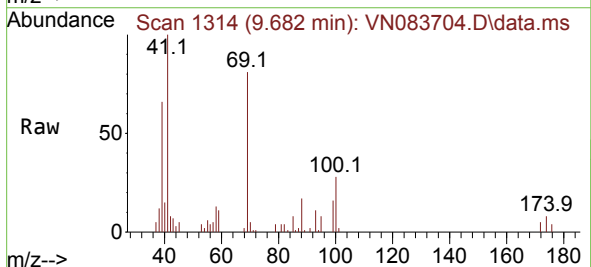
Tgt Ion: 41 Resp: 43258

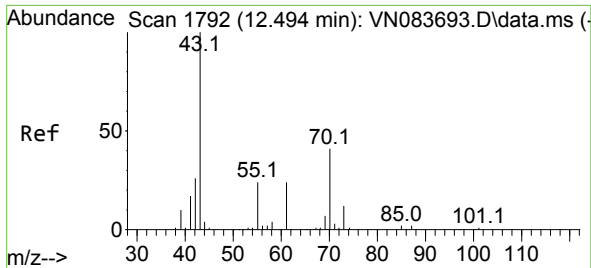
Ion Ratio Lower Upper

41 100

69 82.0 51.1 153.3

39 64.9 25.8 77.3

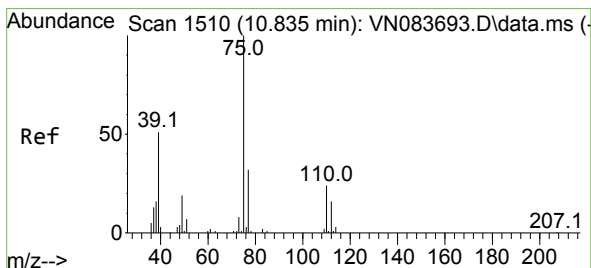
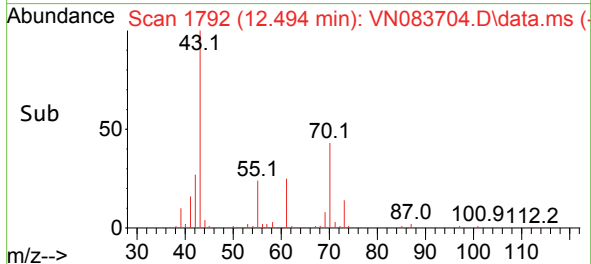
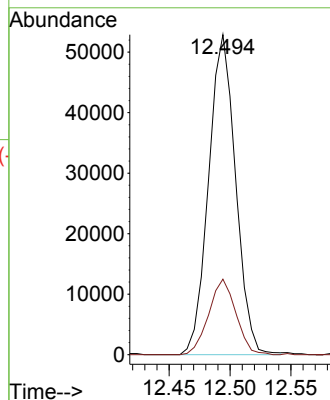
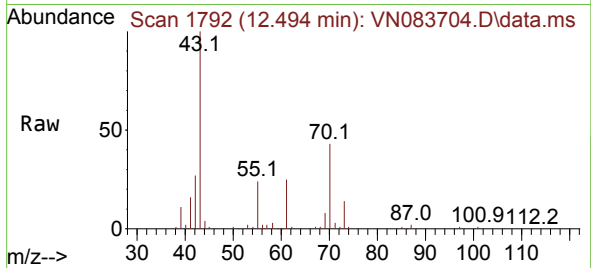




#47
n-amyl acetate
Concen: 22.077 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

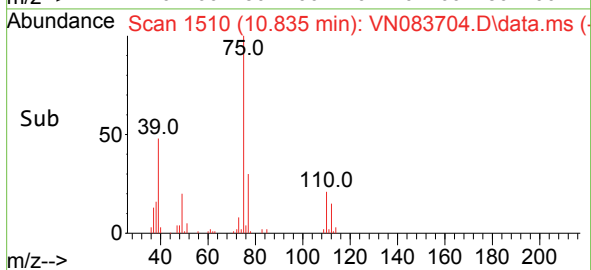
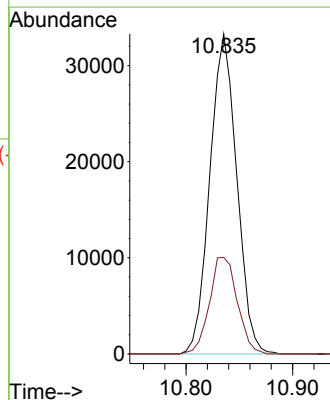
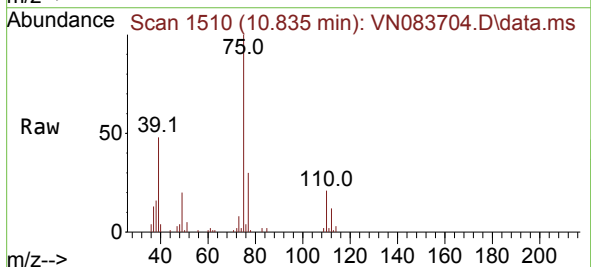
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

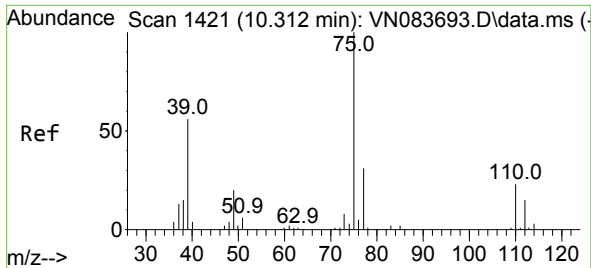
Tgt Ion: 43 Resp: 81741
Ion Ratio Lower Upper
43 100
55 23.7 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 19.420 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 75 Resp: 58420
Ion Ratio Lower Upper
75 100
77 30.2 23.8 35.6

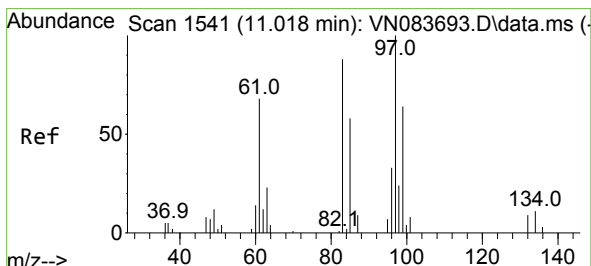
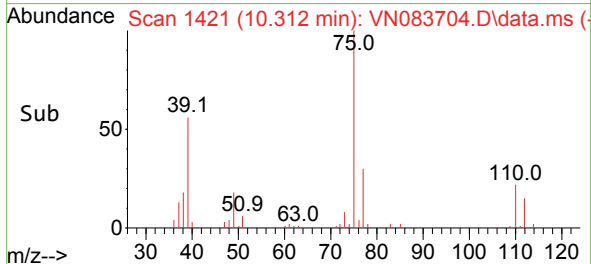
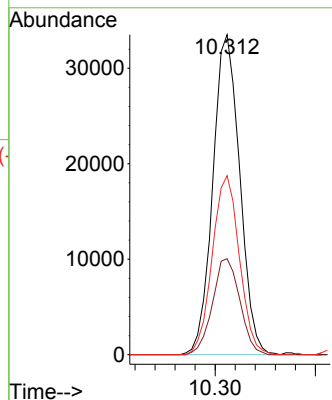
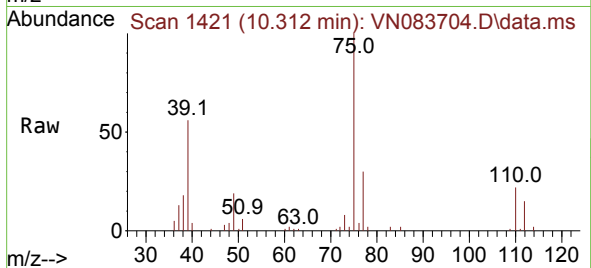




#49
 cis-1,3-Dichloropropene
 Concen: 19.966 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

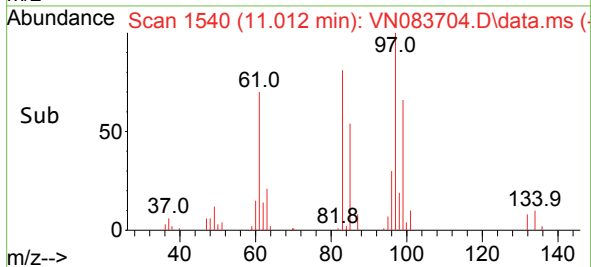
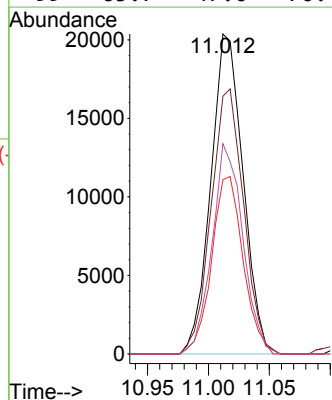
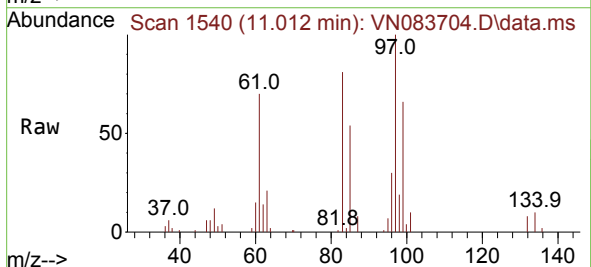
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

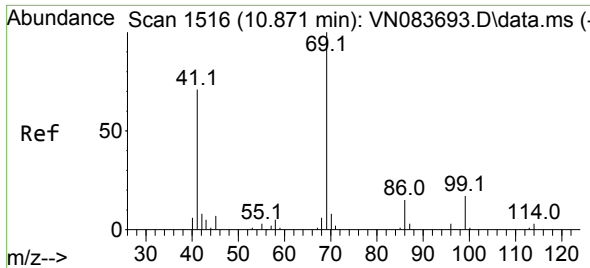
Tgt Ion: 75 Resp: 62462
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.9 37.3
 39 55.9 31.0 46.6#



#50
 1,1,2-Trichloroethane
 Concen: 21.908 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.006 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

Tgt Ion: 97 Resp: 37492
 Ion Ratio Lower Upper
 97 100
 83 80.6 68.1 102.1
 85 54.5 41.8 62.6
 99 65.7 47.0 70.4

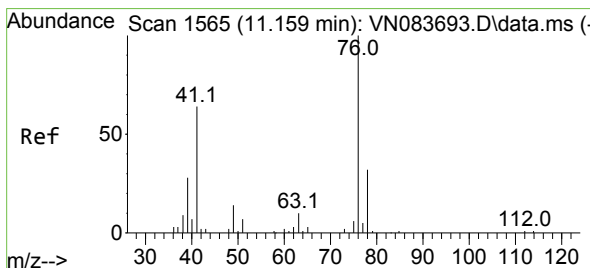
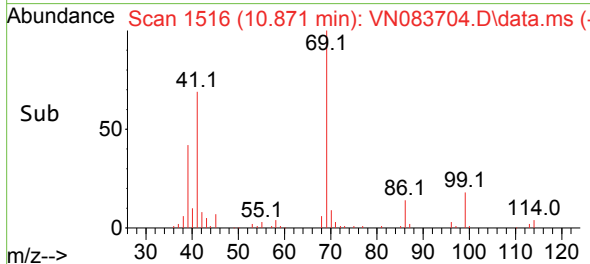
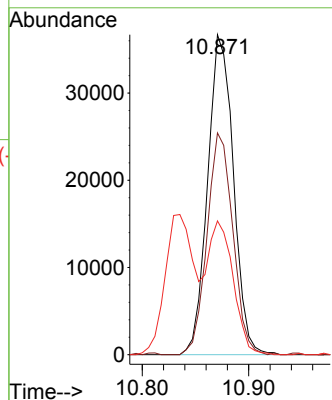
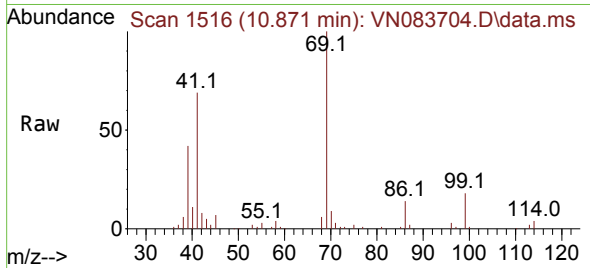




#51
Ethyl methacrylate
Concen: 21.097 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

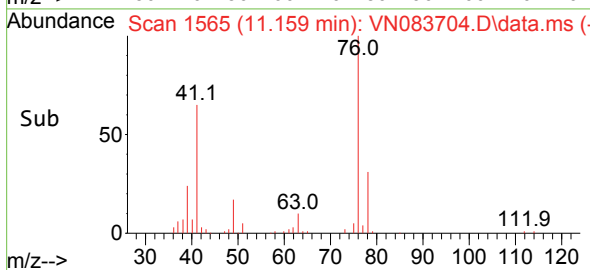
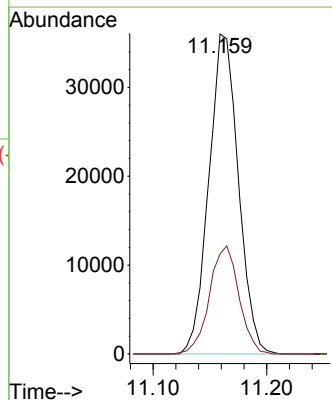
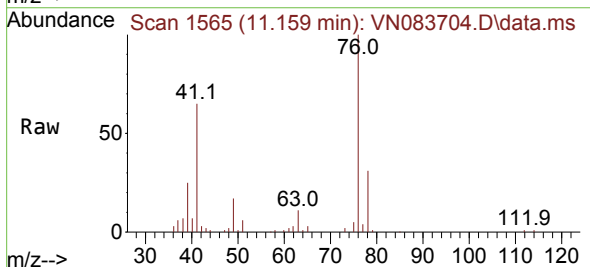
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

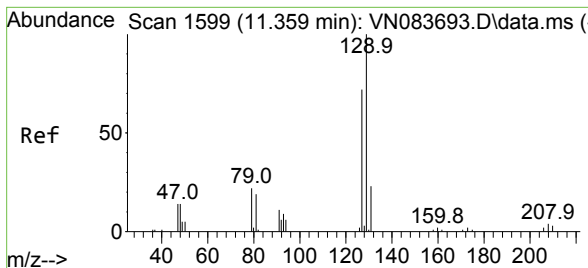
Tgt Ion: 69 Resp: 61681
Ion Ratio Lower Upper
69 100
41 69.3 25.5 76.5
39 41.8 16.0 47.9



#52
1,3-Dichloropropane
Concen: 21.063 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 76 Resp: 65095
Ion Ratio Lower Upper
76 100
78 33.7 0.0 65.8

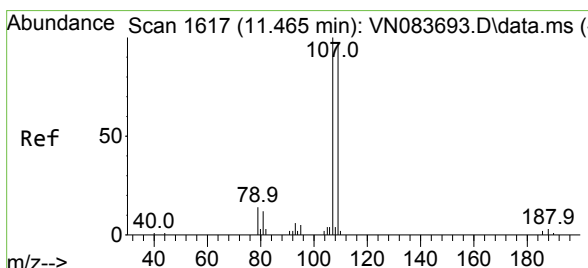
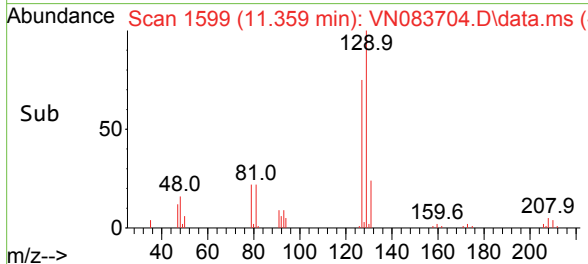
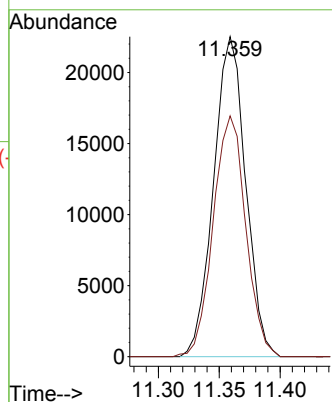
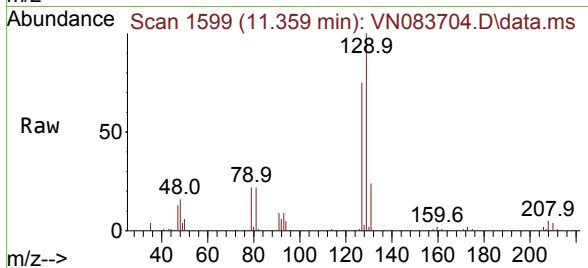




#53
Dibromochloromethane
Concen: 20.109 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

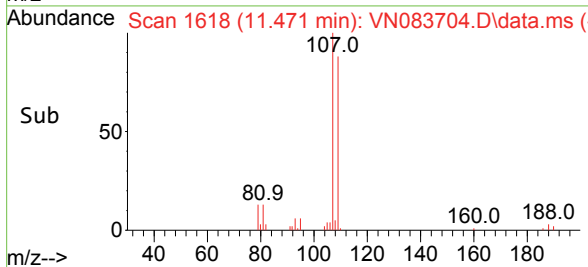
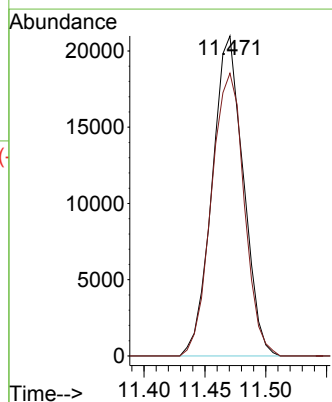
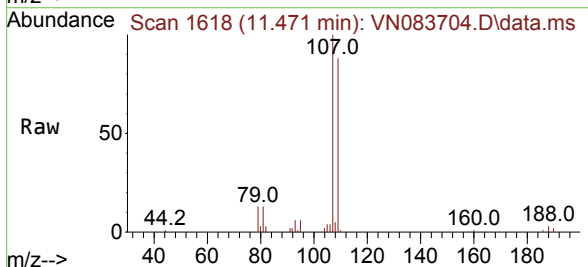
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

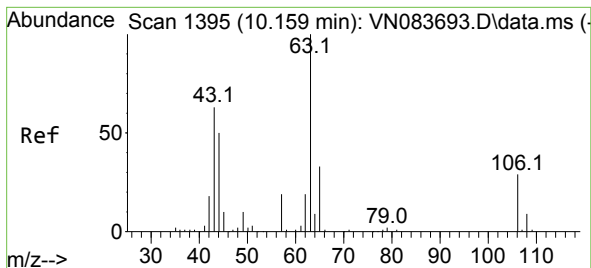
Tgt Ion:129 Resp: 41275
Ion Ratio Lower Upper
129 100
127 76.3 39.4 118.1



#54
1,2-Dibromoethane
Concen: 21.169 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion:107 Resp: 37477
Ion Ratio Lower Upper
107 100
109 92.5 74.7 112.1

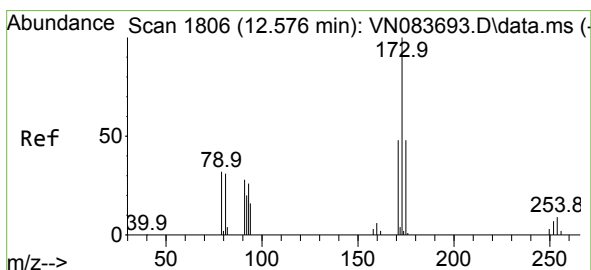
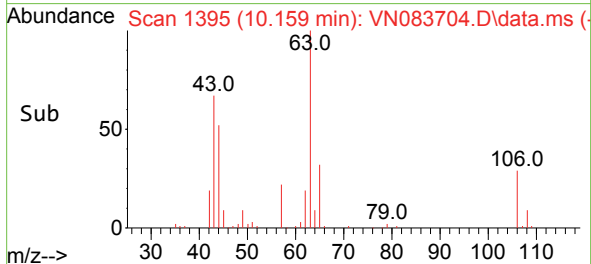
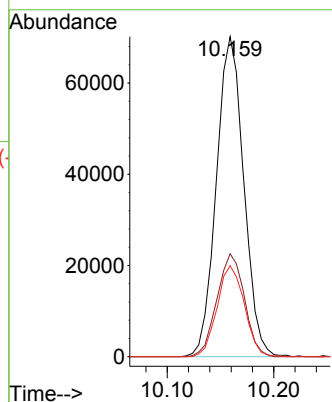
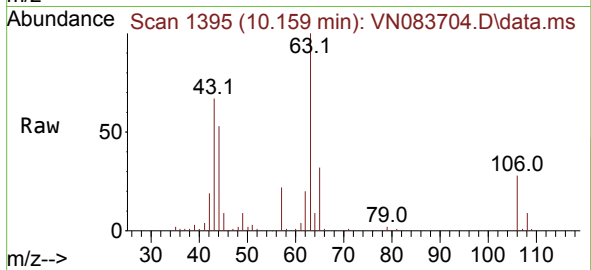




#55
2-Chloroethyl vinyl ether
Concen: 107.377 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

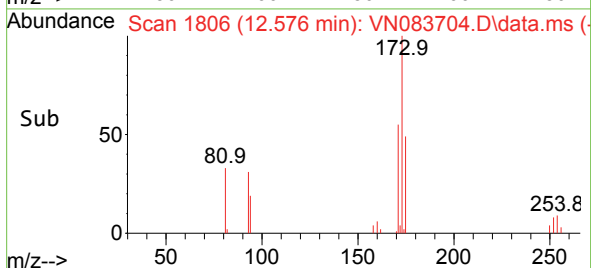
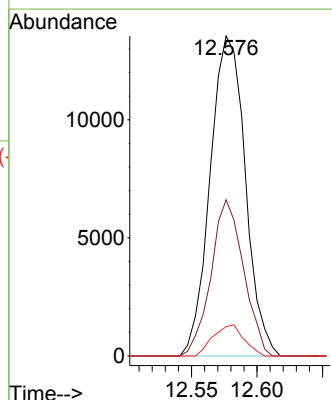
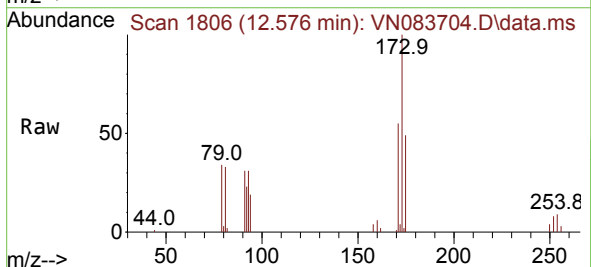
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

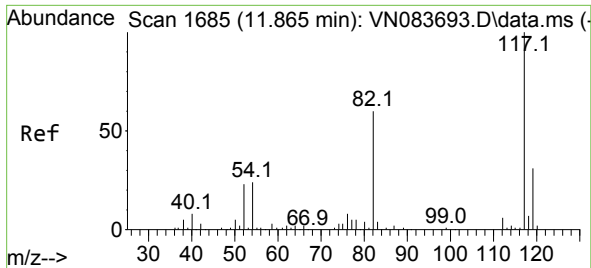
Tgt Ion: 63 Resp: 125112
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 28.2 23.8 35.8



#56
Bromoform
Concen: 19.366 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 173 Resp: 25254
Ion Ratio Lower Upper
173 100
175 45.2 40.0 60.0
254 8.5 8.3 12.5

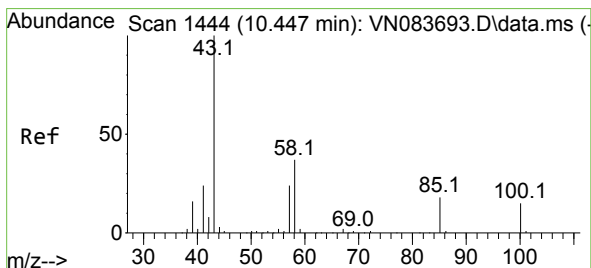
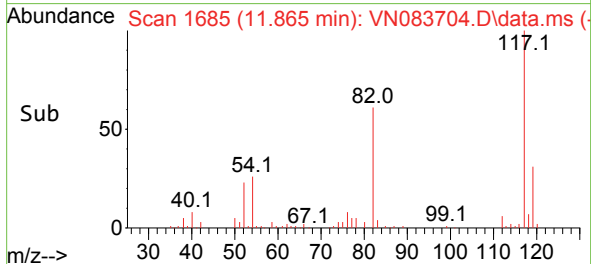
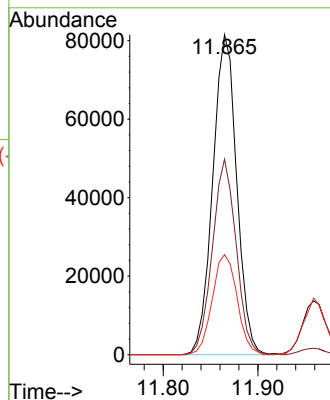
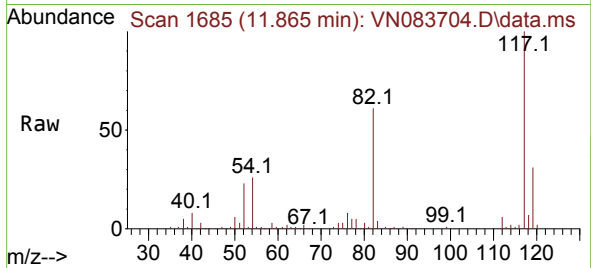




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

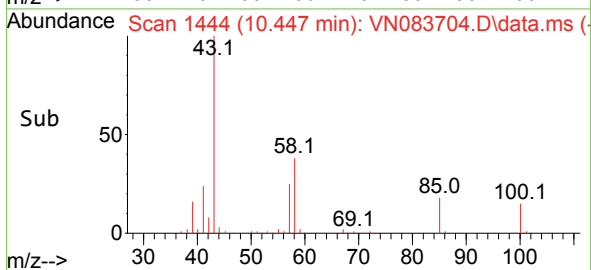
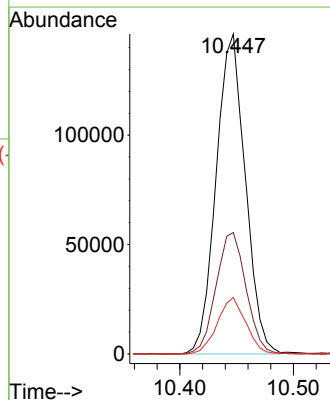
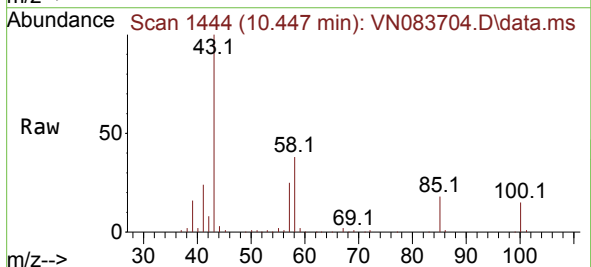
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

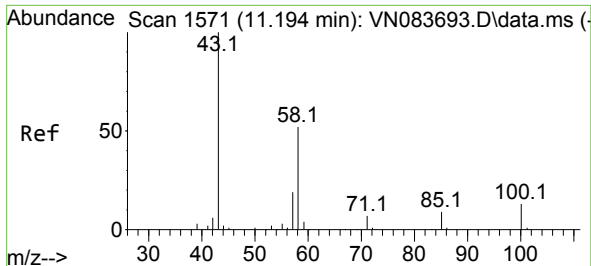
Tgt Ion:117 Resp: 143242
Ion Ratio Lower Upper
117 100
82 60.6 46.6 69.8
119 32.5 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 114.896 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 43 Resp: 260961
Ion Ratio Lower Upper
43 100
58 39.0 36.5 54.7
85 17.3 19.5 29.3#

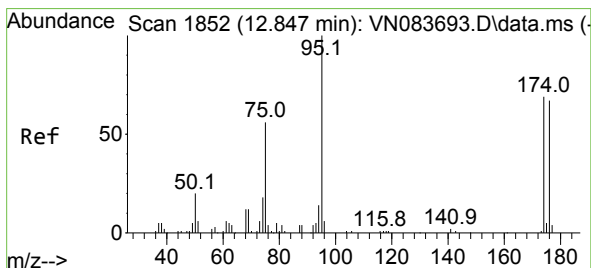
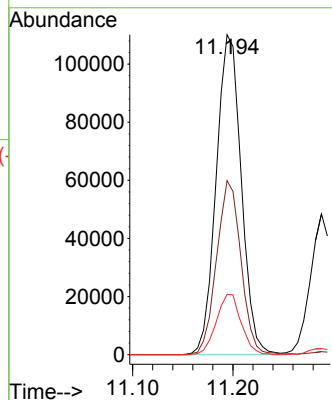
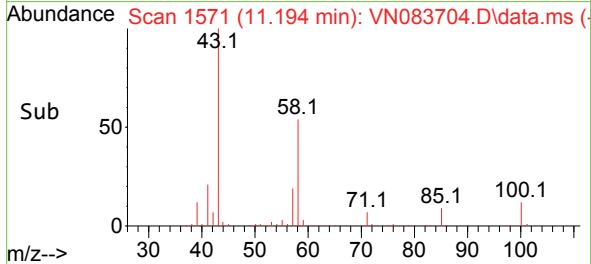
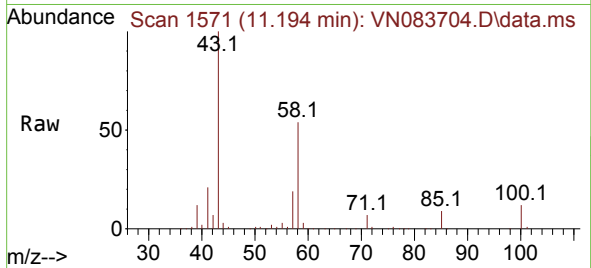




#59
2-Hexanone
Concen: 111.506 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

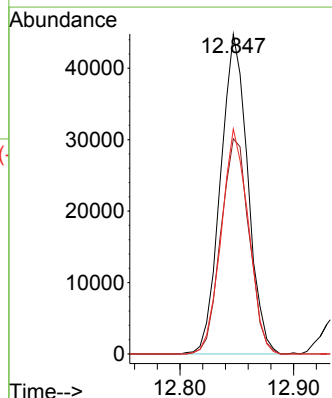
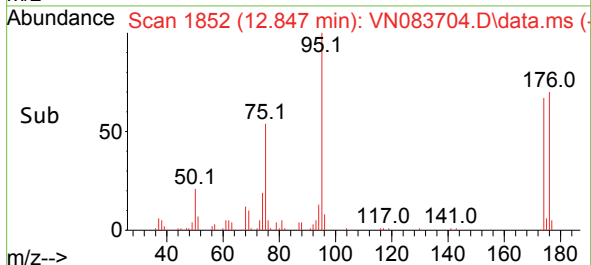
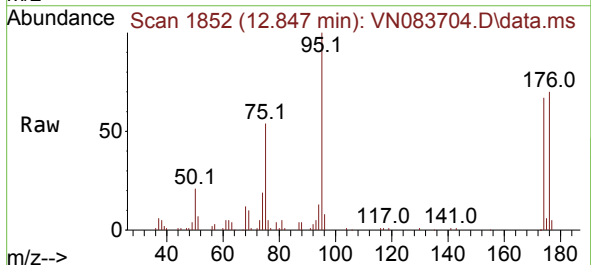
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ClientSampleId :
VSTDCCC020EC

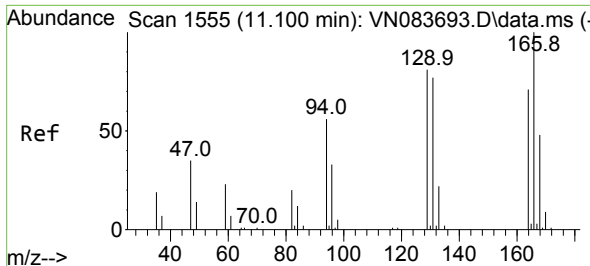
Tgt Ion: 43 Resp: 191368
Ion Ratio Lower Upper
43 100
58 52.8 50.4 75.6
57 18.7 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 30.229 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 95 Resp: 74629
Ion Ratio Lower Upper
95 100
174 69.9 60.5 90.7
176 70.2 57.8 86.6

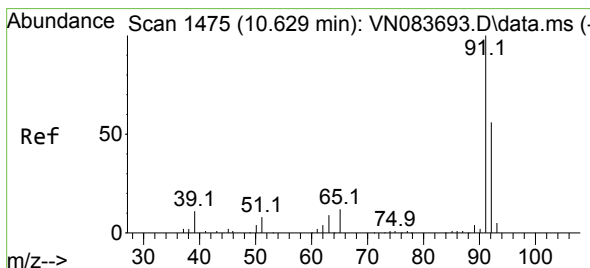
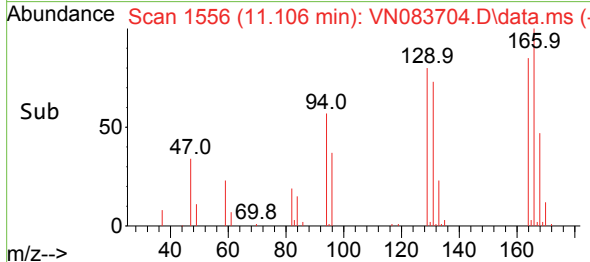
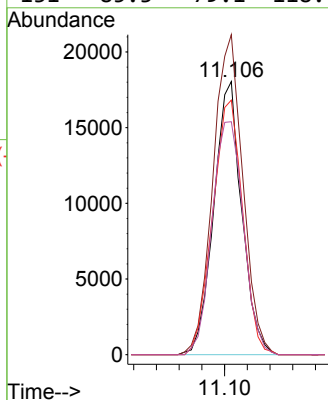
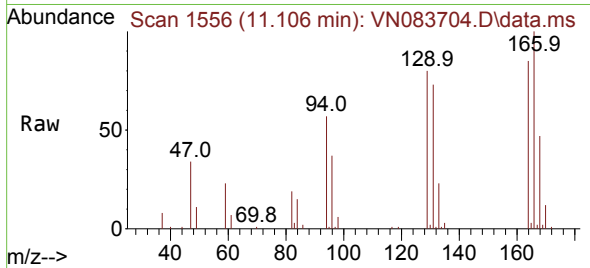




#61
Tetrachloroethene
Concen: 20.338 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

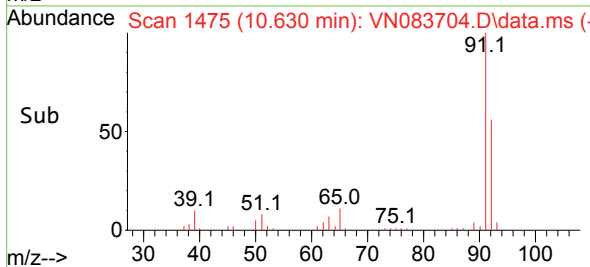
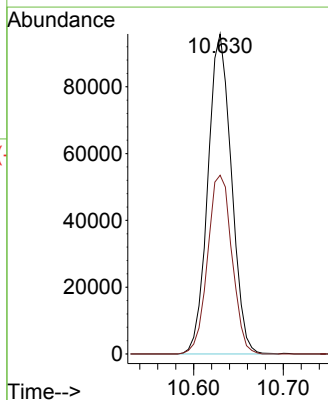
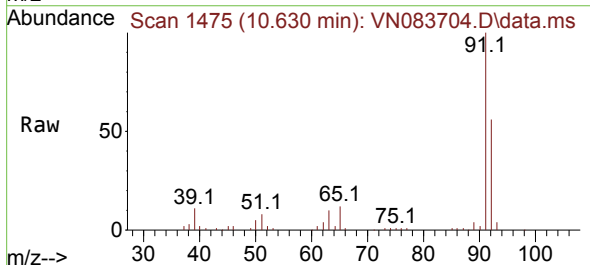
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

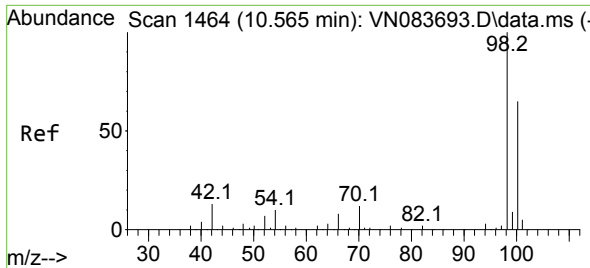
Tgt Ion:164 Resp: 30832
Ion Ratio Lower Upper
164 100
166 117.2 106.7 160.1
129 93.2 85.8 128.6
131 85.3 79.1 118.7



#62
Toluene
Concen: 21.176 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 91 Resp: 174351
Ion Ratio Lower Upper
91 100
92 57.8 46.5 69.7

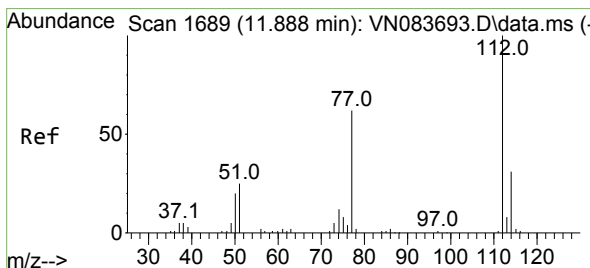
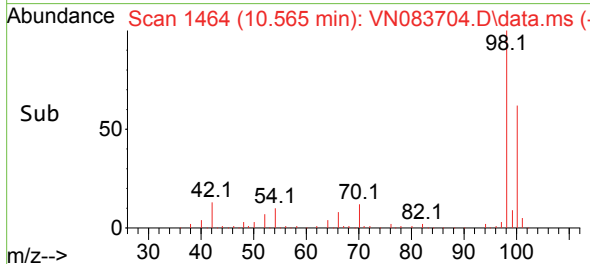
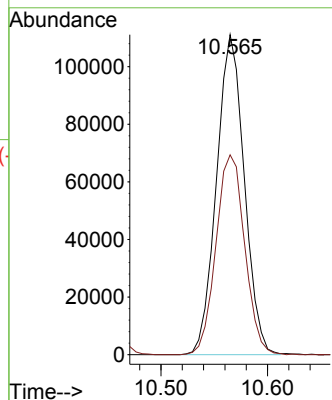
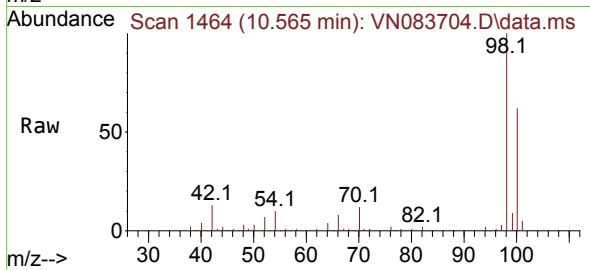




#63
Toluene-d8
Concen: 30.342 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

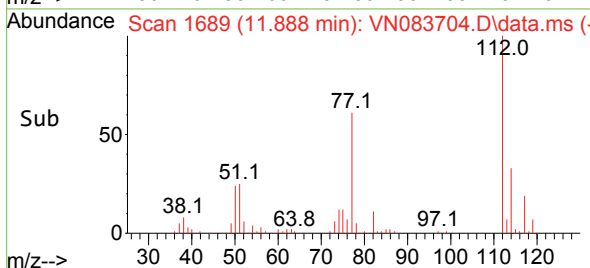
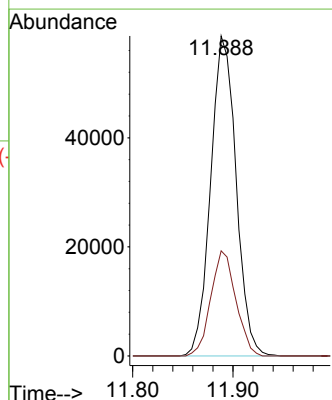
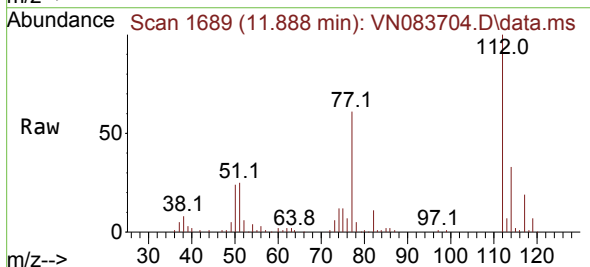
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

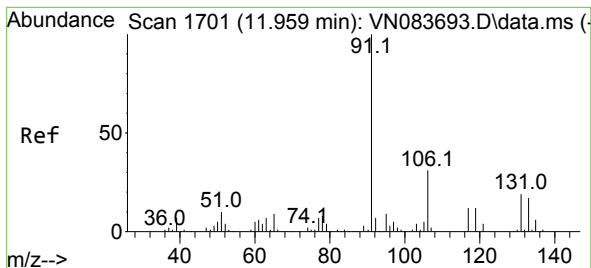
Tgt Ion: 98 Resp: 201249
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



#64
Chlorobenzene
Concen: 20.287 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion:112 Resp: 103414
Ion Ratio Lower Upper
112 100
114 32.9 26.6 39.8





#65

1,1,1,2-Tetrachloroethane

Concen: 20.908 ug/l

RT: 11.959 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

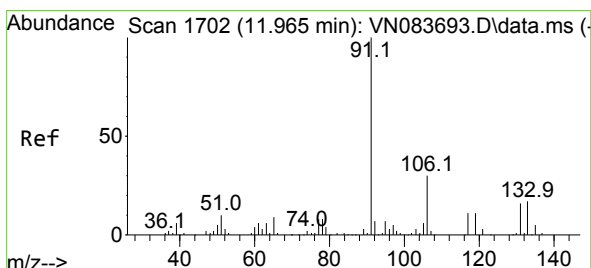
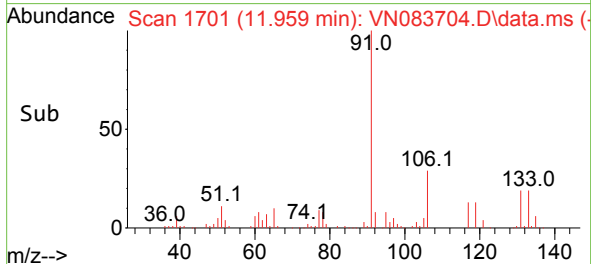
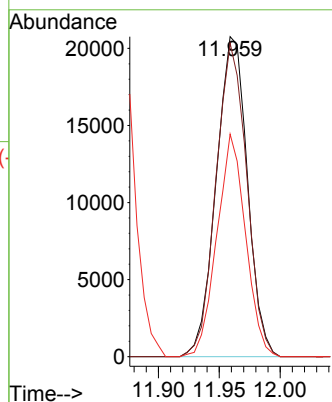
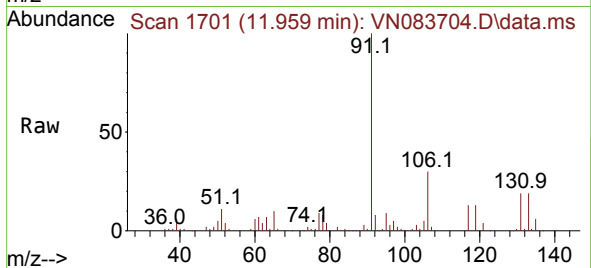
Tgt Ion:131 Resp: 37128

Ion Ratio Lower Upper

131 100

133 96.3 0.0 188.0

119 63.8 0.0 122.8



#66

Ethyl Benzene

Concen: 20.387 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN083704.D

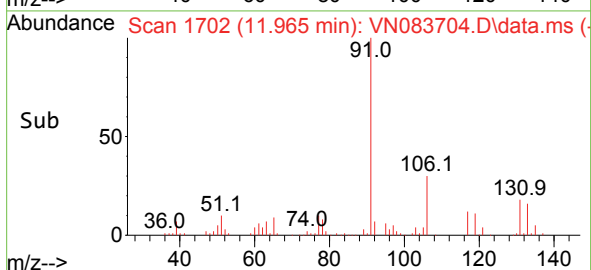
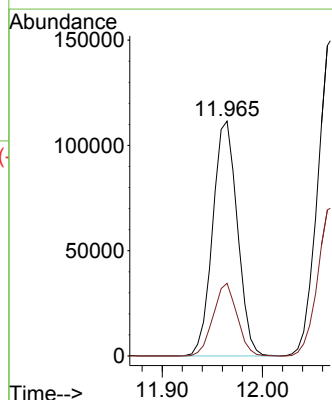
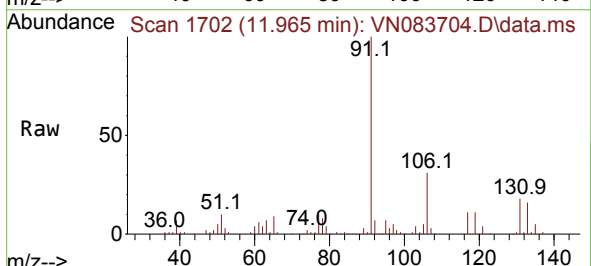
Acq: 06 Sep 2024 18:24

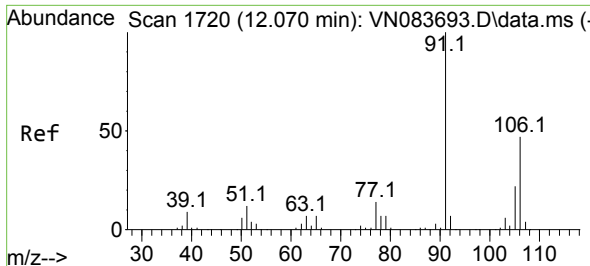
Tgt Ion: 91 Resp: 190886

Ion Ratio Lower Upper

91 100

106 30.9 24.4 36.6

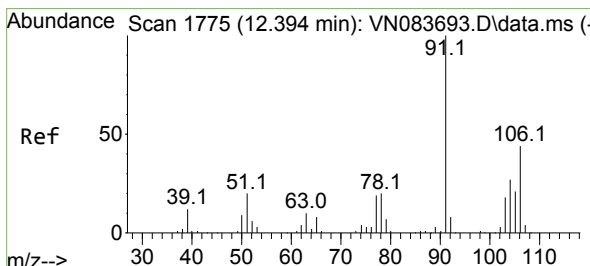
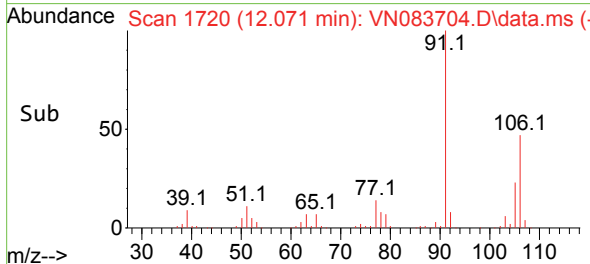
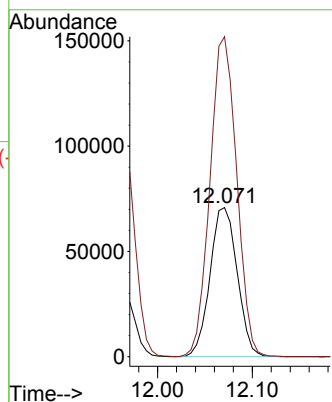
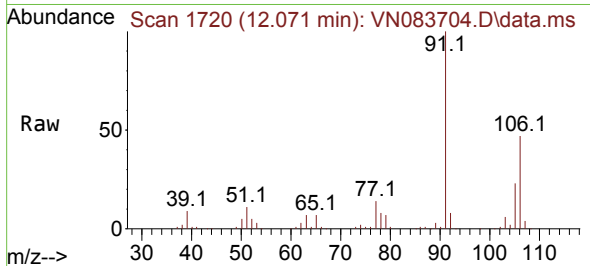




#67
m/p-Xylenes
Concen: 40.963 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

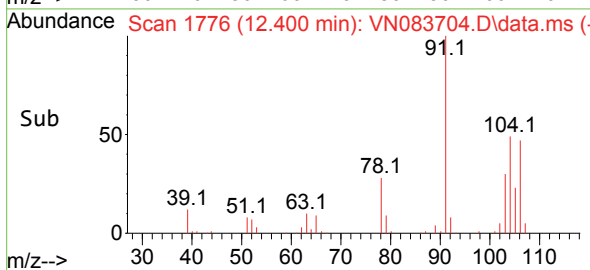
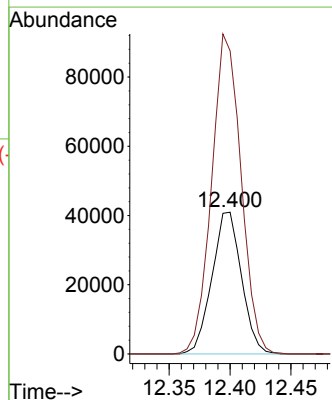
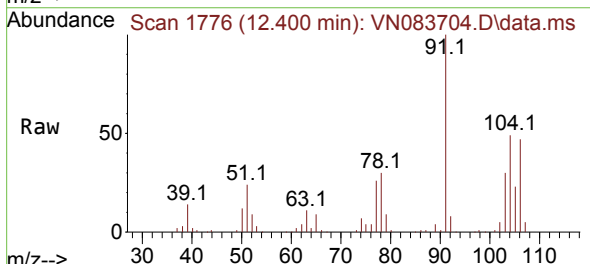
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

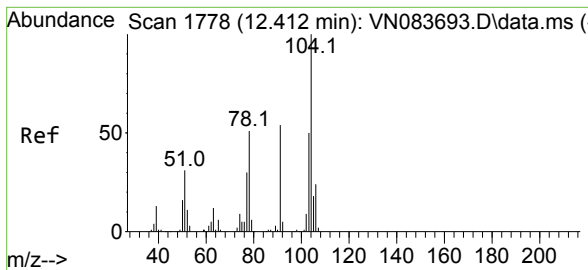
Tgt Ion:106 Resp: 141104
Ion Ratio Lower Upper
106 100
91 210.9 166.6 249.8



#68
o-Xylene
Concen: 20.733 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion:106 Resp: 69120
Ion Ratio Lower Upper
106 100
91 225.1 110.0 330.0





#69

Styrene

Concen: 20.215 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

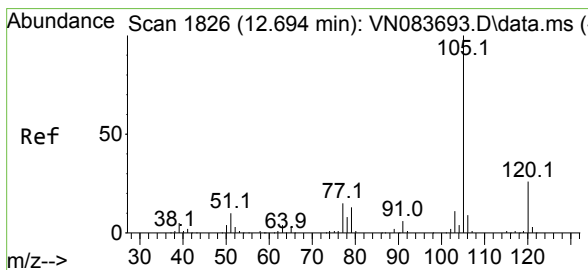
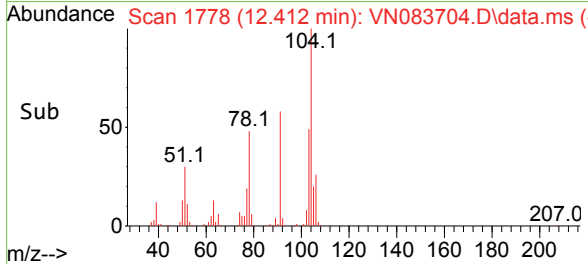
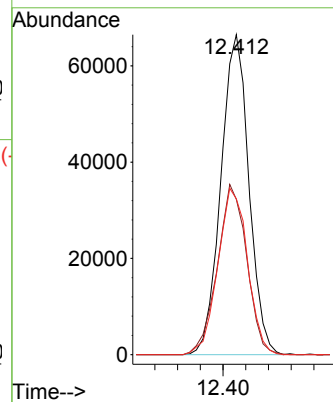
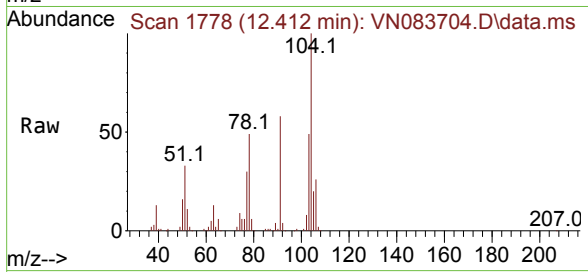
Tgt Ion:104 Resp: 113872

Ion Ratio Lower Upper

104 100

78 55.6 42.6 64.0

103 55.1 43.7 65.5



#70

Isopropylbenzene

Concen: 20.249 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083704.D

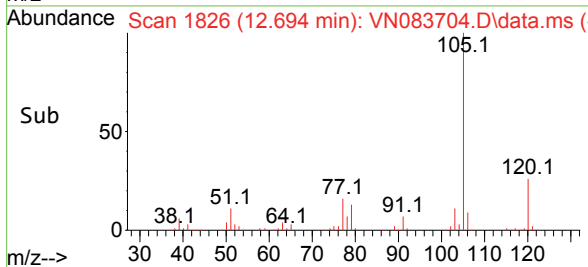
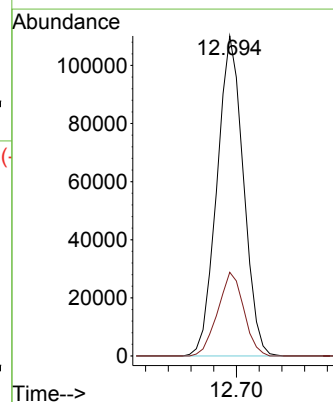
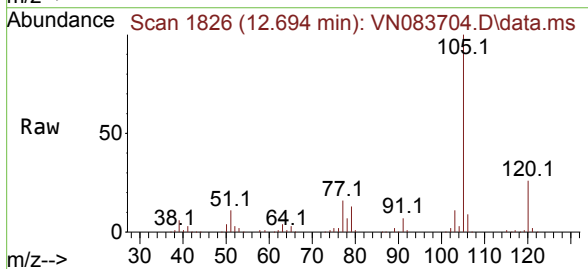
Acq: 06 Sep 2024 18:24

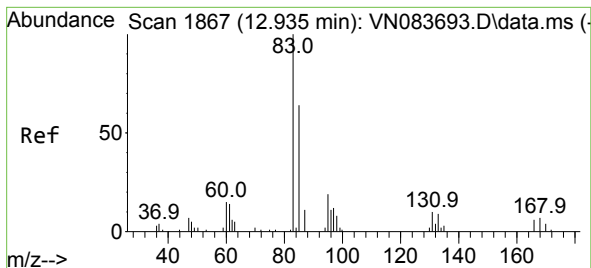
Tgt Ion:105 Resp: 178147

Ion Ratio Lower Upper

105 100

120 25.7 17.8 33.1

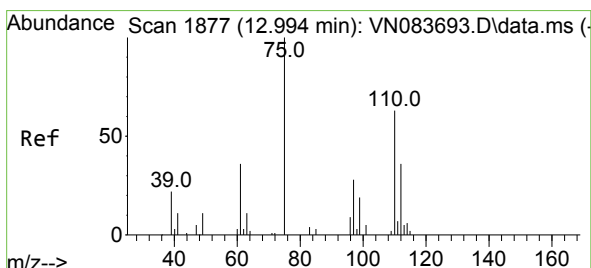
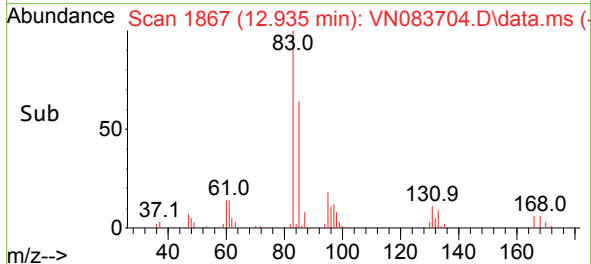
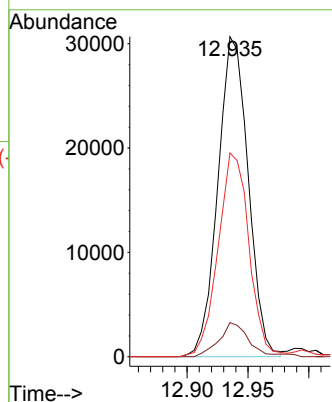
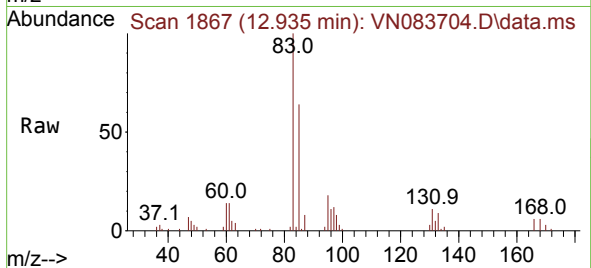




#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.129 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

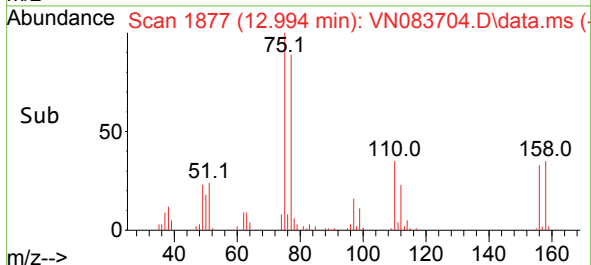
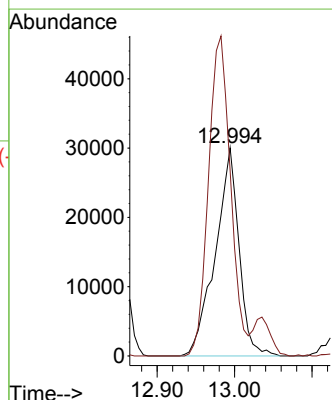
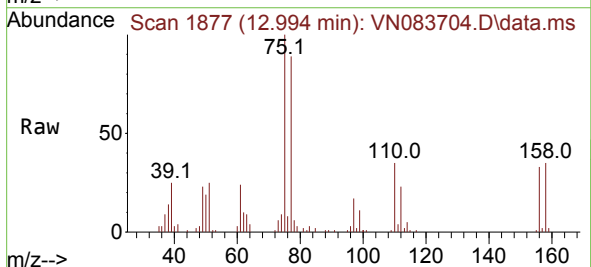
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

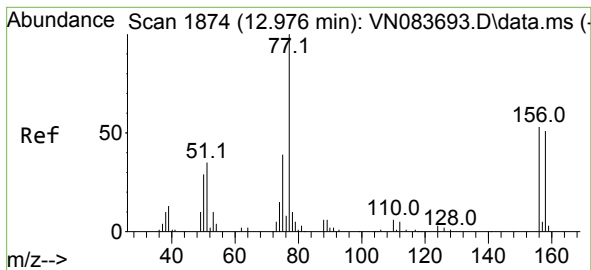
Tgt Ion: 83 Resp: 53175
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.2 15.6
 85 64.9 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 30.347 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

Tgt Ion: 75 Resp: 63935
 Ion Ratio Lower Upper
 75 100
 77 143.2 0.0 367.6





#73

Bromobenzene

Concen: 20.237 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

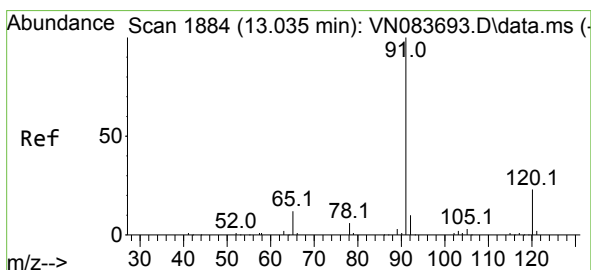
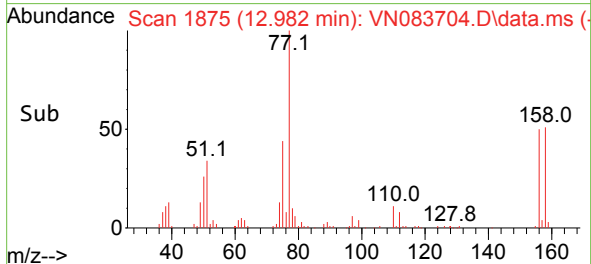
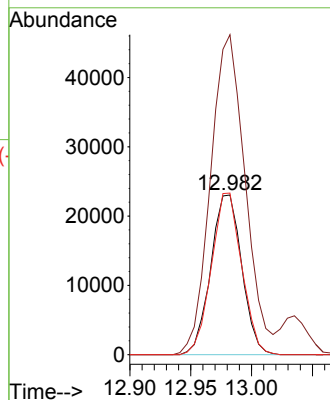
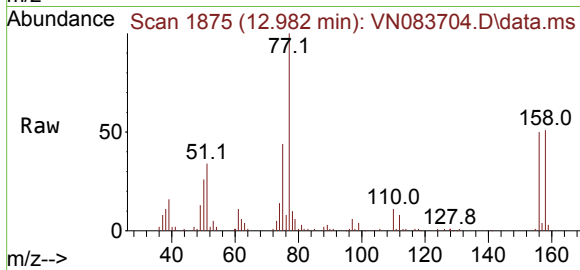
Tgt Ion:156 Resp: 40896

Ion Ratio Lower Upper

156 100

77 223.8 0.0 437.6

158 98.8 0.0 203.8



#74

n-propylbenzene

Concen: 19.638 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083704.D

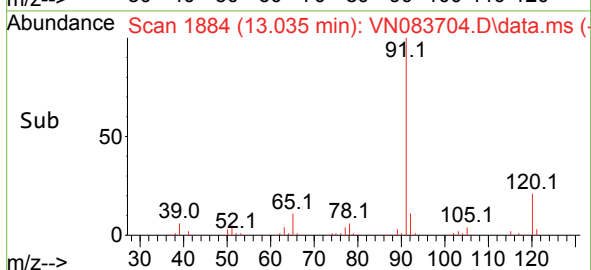
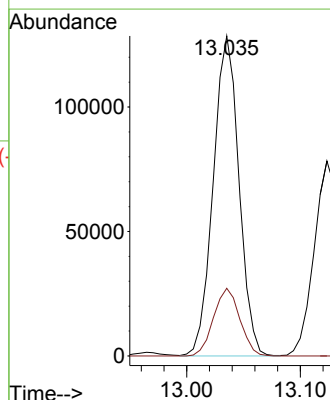
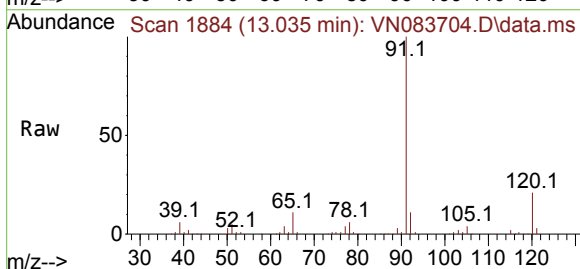
Acq: 06 Sep 2024 18:24

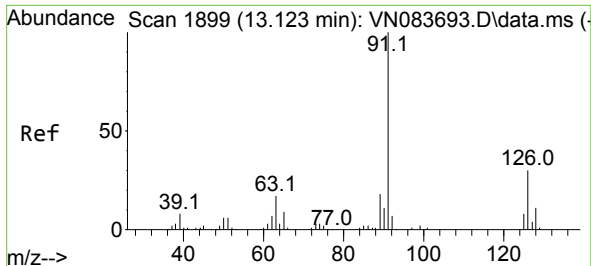
Tgt Ion: 91 Resp: 202253

Ion Ratio Lower Upper

91 100

120 21.5 0.0 43.8

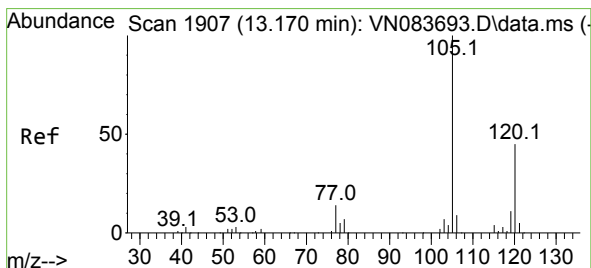
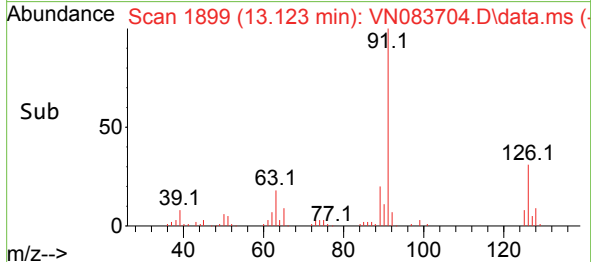
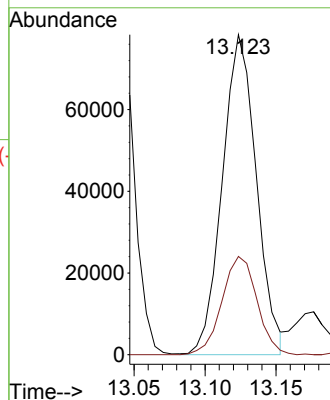
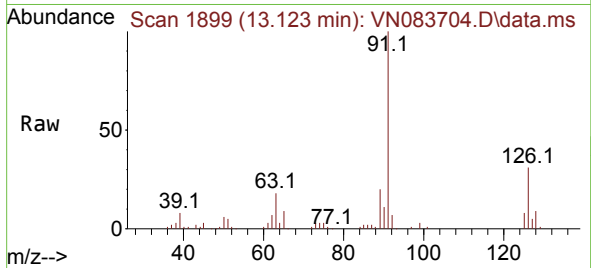




#75
2-Chlorotoluene
Concen: 20.321 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

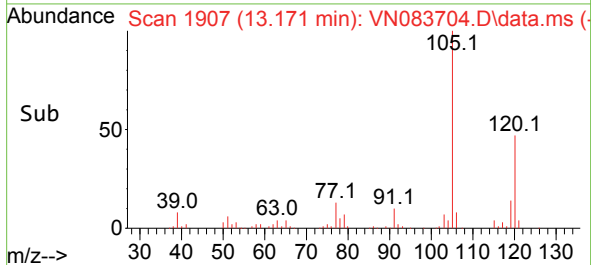
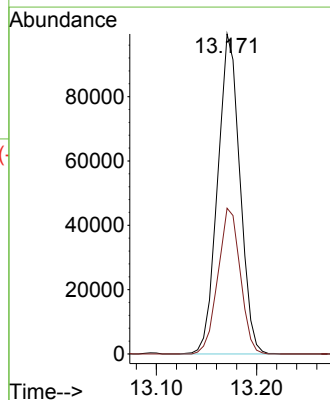
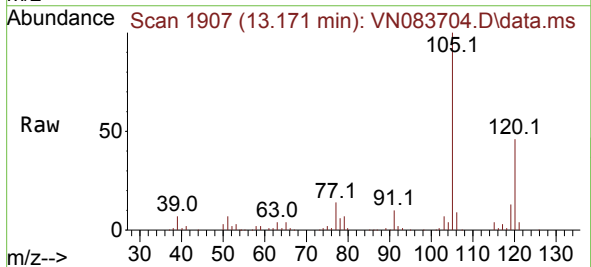
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

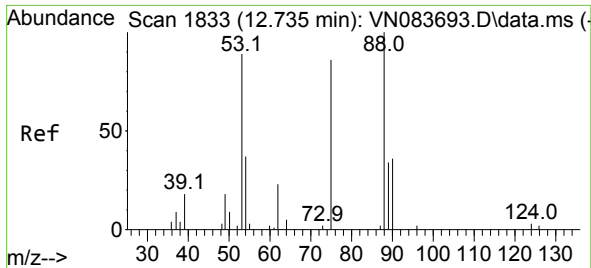
Tgt Ion: 91 Resp: 130622
Ion Ratio Lower Upper
91 100
126 31.5 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 20.841 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion:105 Resp: 153168
Ion Ratio Lower Upper
105 100
120 45.6 0.0 95.8

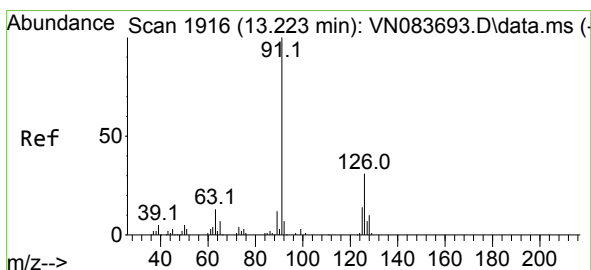
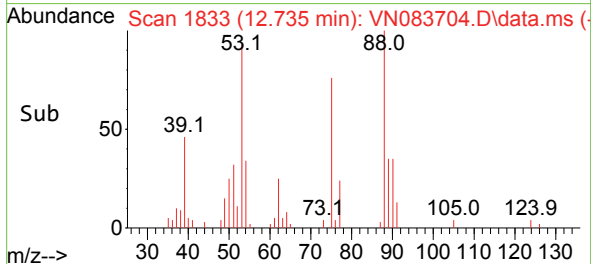
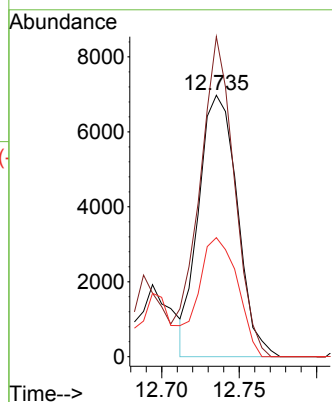
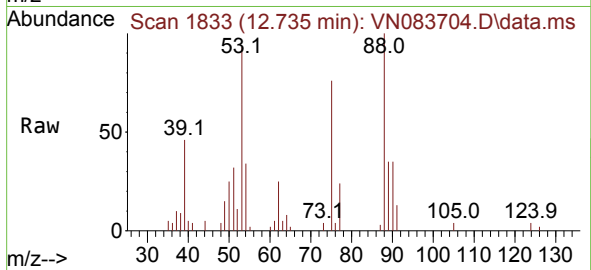




#77
t-1,4-Dichloro-2-butene
Concen: 13.548 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

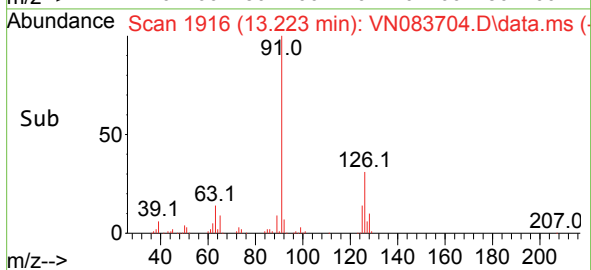
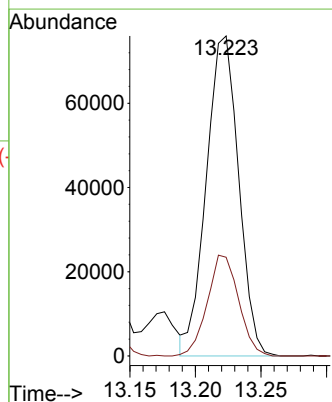
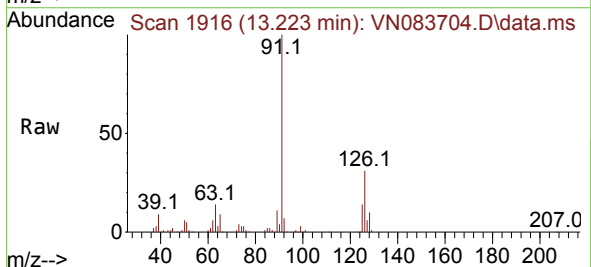
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

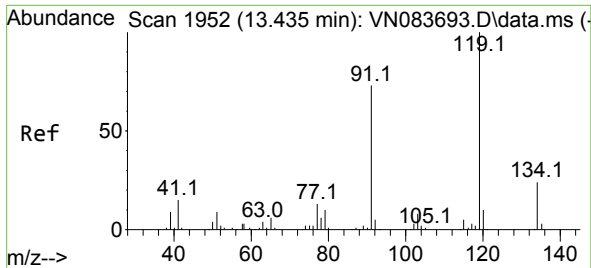
Tgt Ion:	75	Resp:	12065
Ion	Ratio	Lower	Upper
75	100		
53	122.4	45.9	137.7
89	45.5	25.9	77.7



#78
4-Chlorotoluene
Concen: 19.983 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion:	91	Resp:	130265
Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	62.8

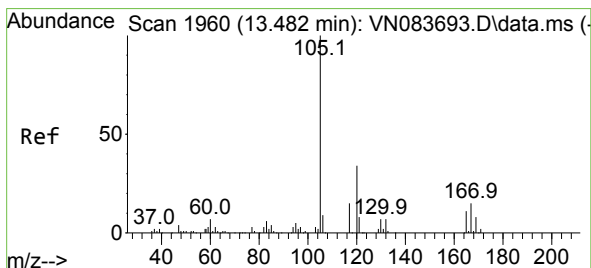
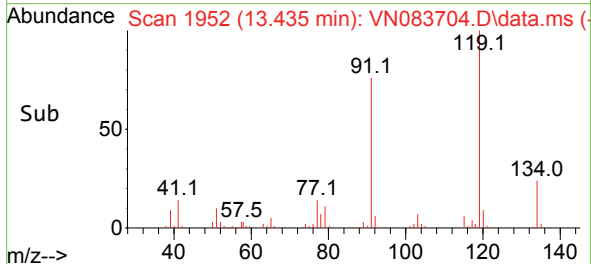
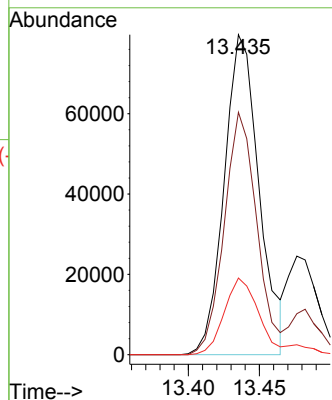
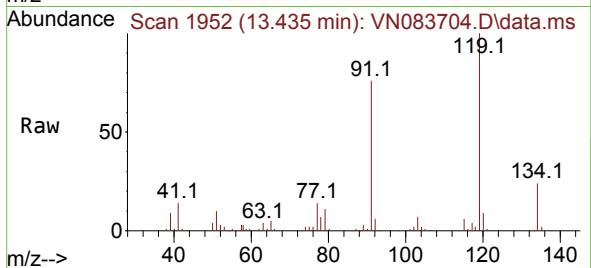




#79
tert-butylbenzene
Concen: 21.143 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

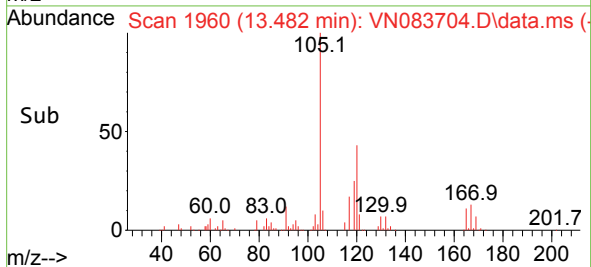
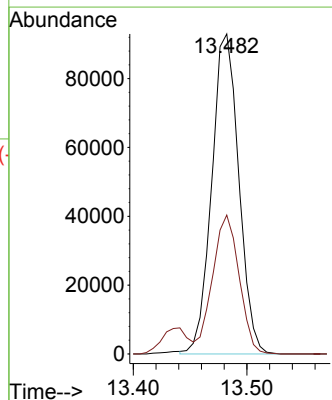
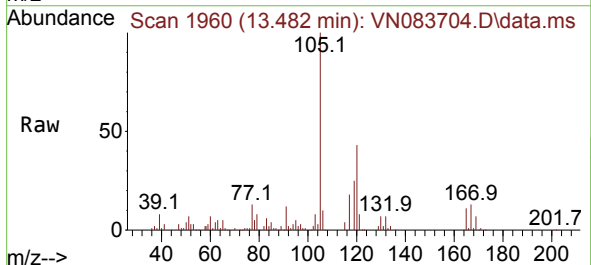
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

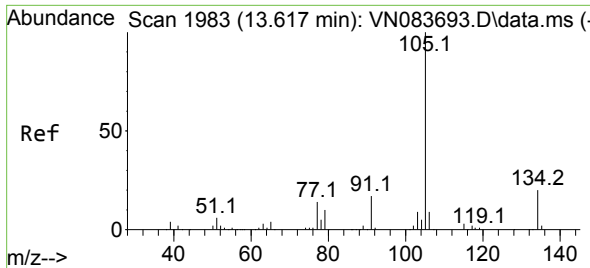
Tgt Ion:119 Resp: 135874
Ion Ratio Lower Upper
119 100
91 70.9 0.0 138.8
134 23.3 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 20.735 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion:105 Resp: 153993
Ion Ratio Lower Upper
105 100
120 42.7 0.0 86.8

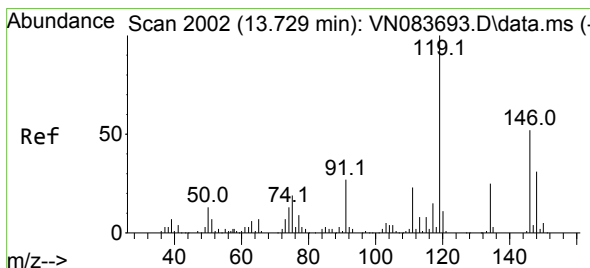
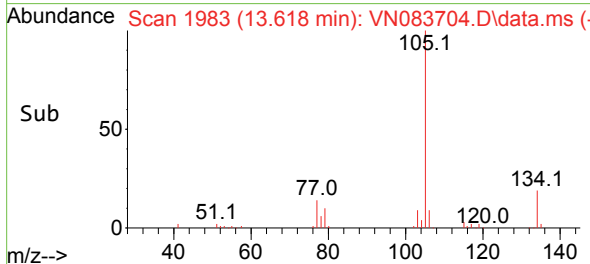
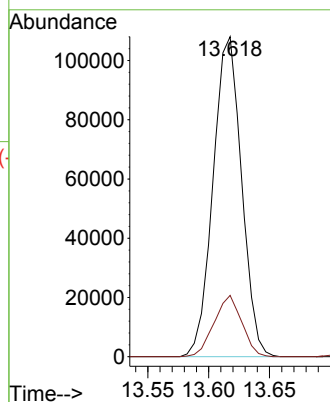
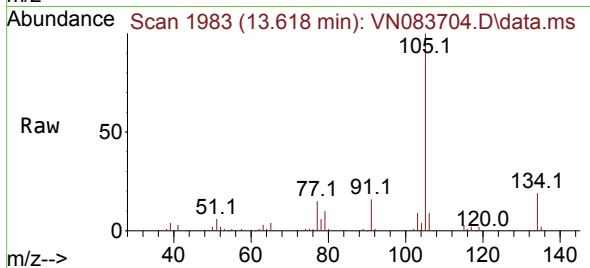




#81
 sec-Butylbenzene
 Concen: 20.038 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

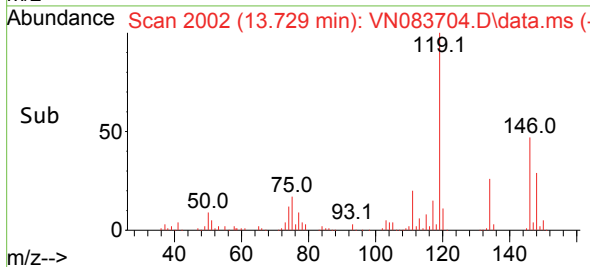
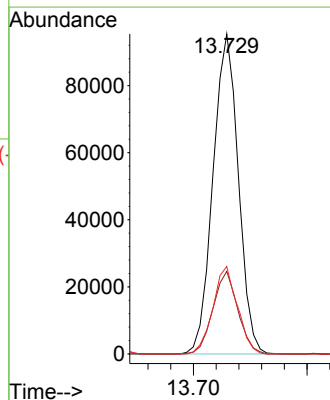
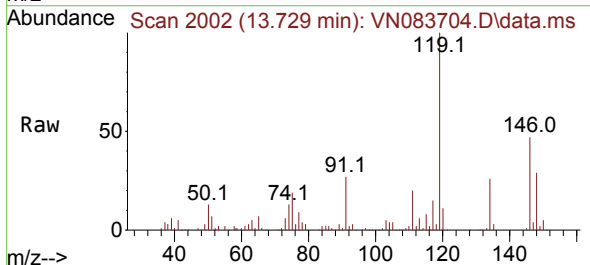
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

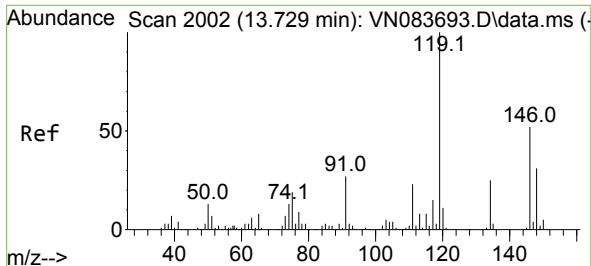
Tgt Ion:105 Resp: 175916
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 19.987 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

Tgt Ion:119 Resp: 147634
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 49.2
 91 26.4 0.0 48.8

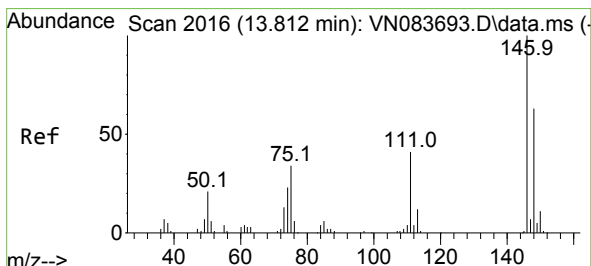
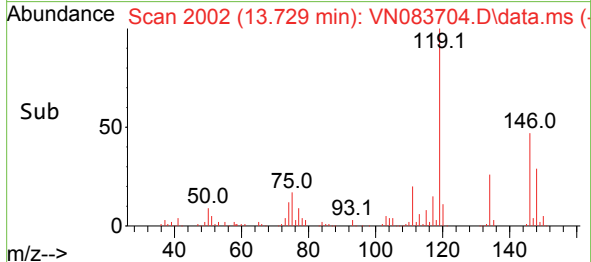
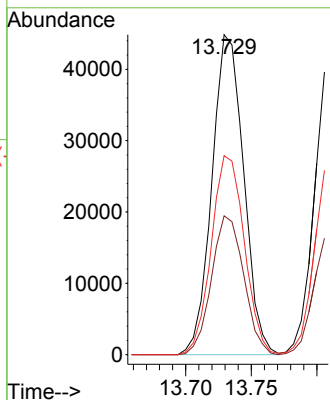
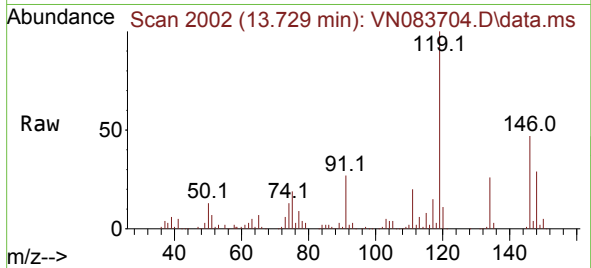




#83
 1,3-Dichlorobenzene
 Concen: 19.417 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

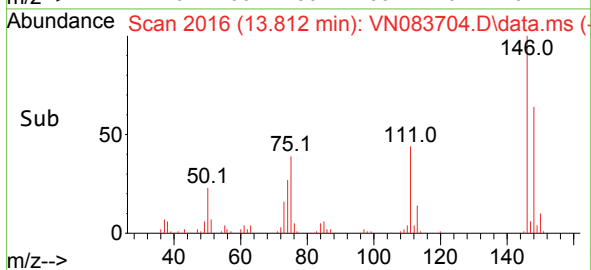
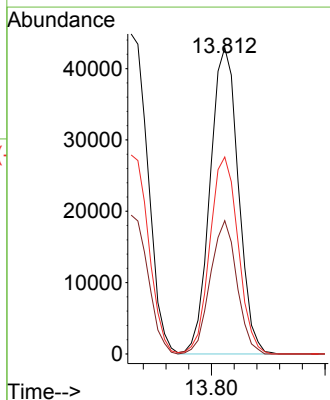
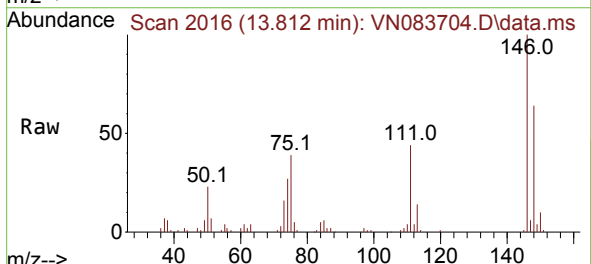
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

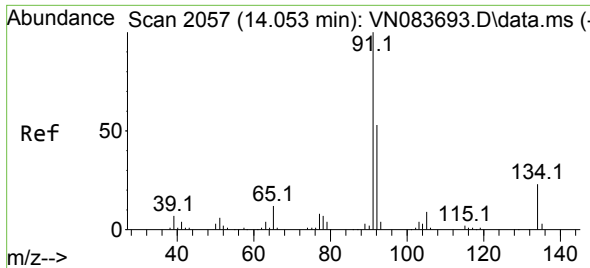
Tgt Ion:146 Resp: 75521
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.4 67.0
 148 64.7 32.1 96.5



#84
 1,4-Dichlorobenzene
 Concen: 19.082 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN083704.D
 Acq: 06 Sep 2024 18:24

Tgt Ion:146 Resp: 74198
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.3 63.9
 148 64.2 31.9 95.5

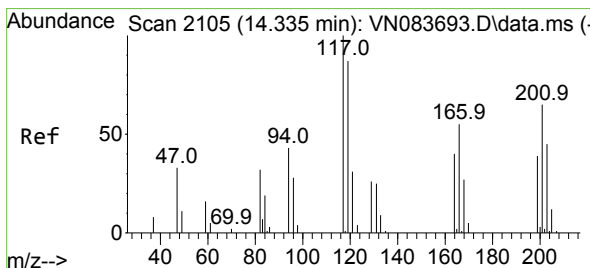
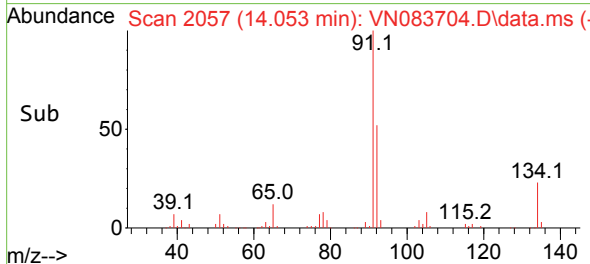
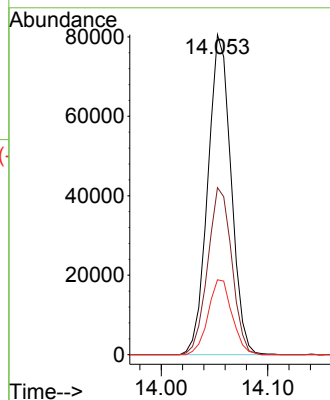
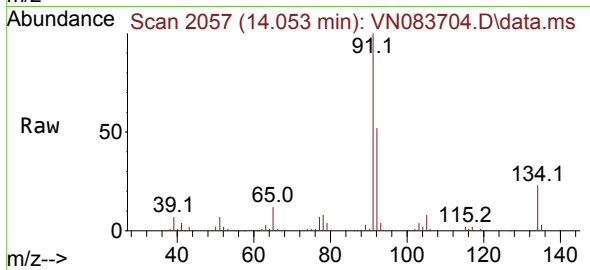




#85
n-Butylbenzene
Concen: 18.769 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

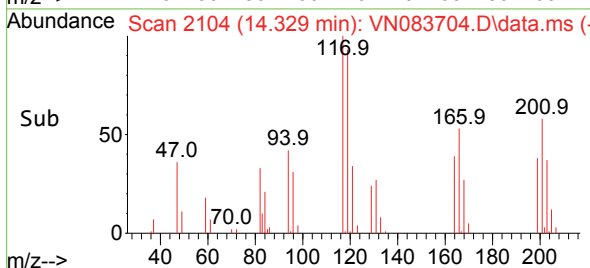
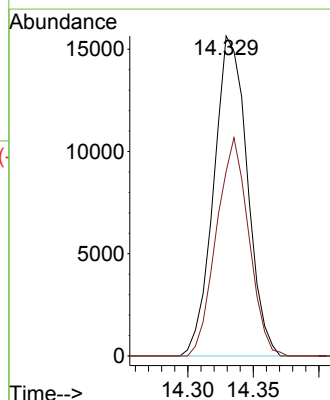
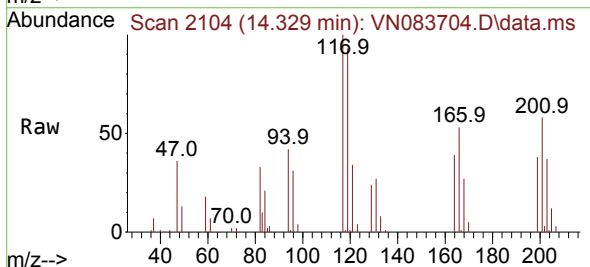
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

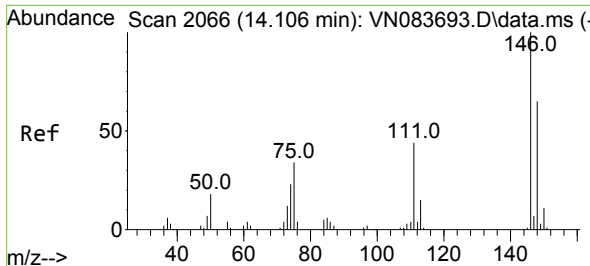
Tgt Ion: 91 Resp: 122339
Ion Ratio Lower Upper
91 100
92 54.0 0.0 105.0
134 24.1 0.0 51.8



#86
Hexachloroethane
Concen: 19.874 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 117 Resp: 27819
Ion Ratio Lower Upper
117 100
201 65.8 38.0 114.0

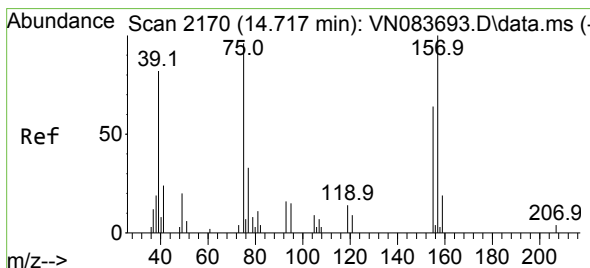
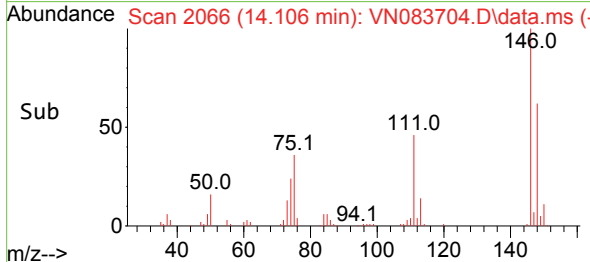
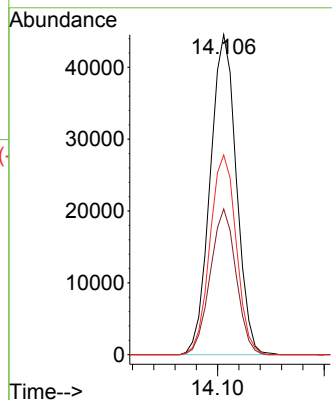
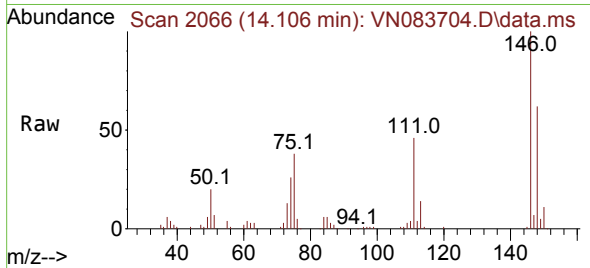




#87
1,2-Dichlorobenzene
Concen: 20.106 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

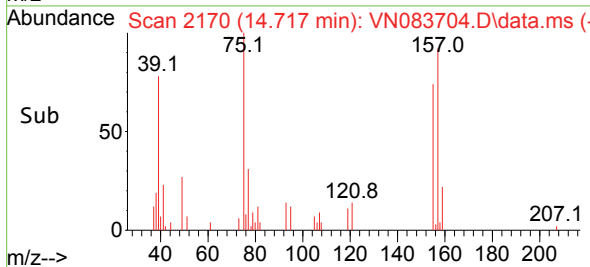
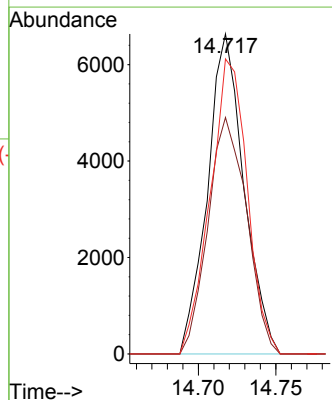
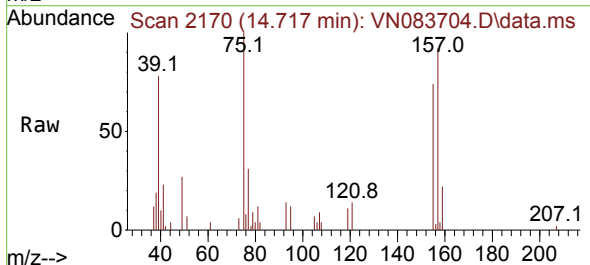
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

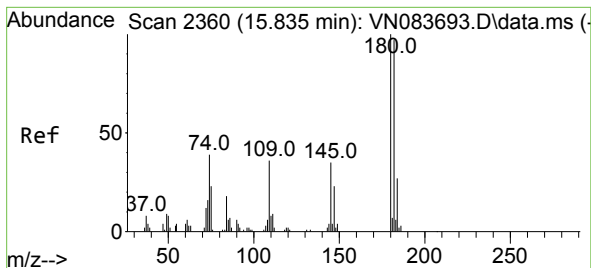
Tgt Ion:146 Resp: 75891
Ion Ratio Lower Upper
146 100
111 45.0 22.6 67.8
148 62.7 31.3 93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.533 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion: 75 Resp: 10843
Ion Ratio Lower Upper
75 100
155 78.4 61.7 92.5
157 94.0 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 18.420 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

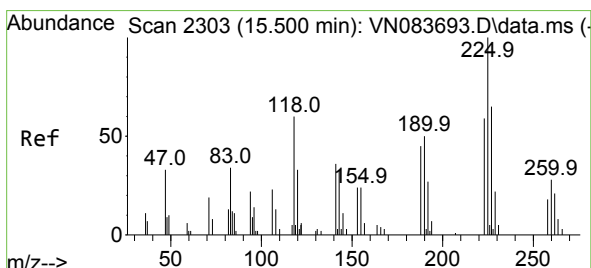
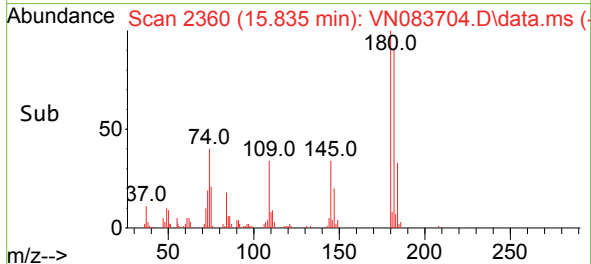
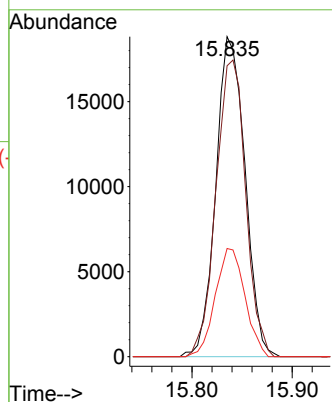
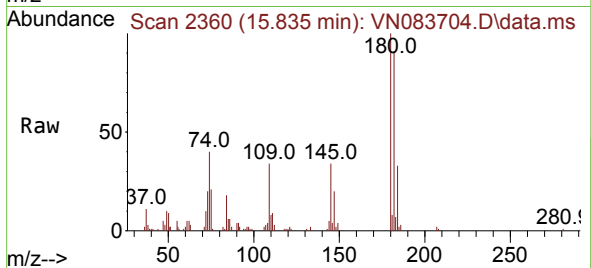
Tgt Ion:180 Resp: 38092

Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

145 34.3 28.4 42.6



#90

Hexachlorobutadiene

Concen: 18.414 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083704.D

Acq: 06 Sep 2024 18:24

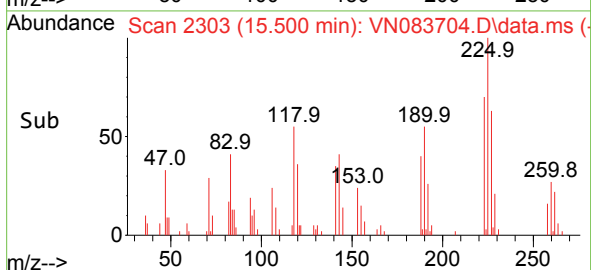
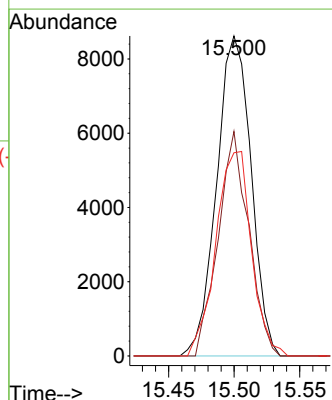
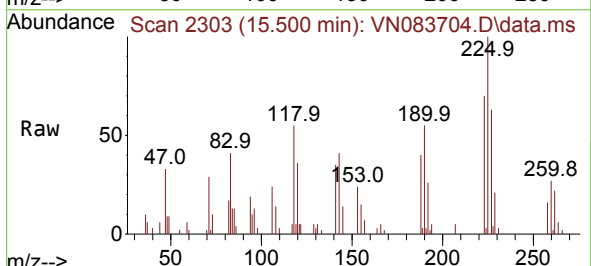
Tgt Ion:225 Resp: 15761

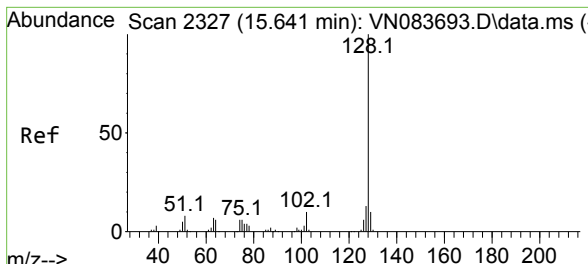
Ion Ratio Lower Upper

225 100

223 62.2 0.0 126.6

227 65.8 0.0 126.6

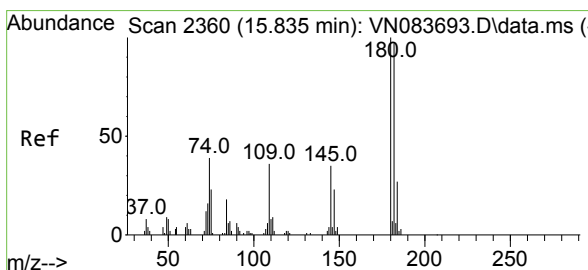
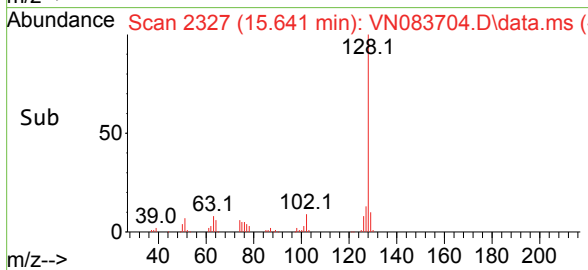
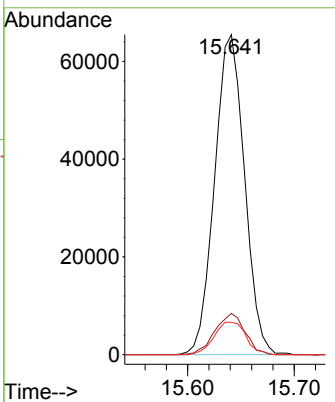
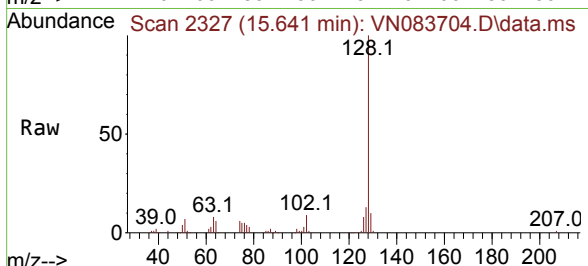




#91
Naphthalene
Concen: 18.882 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	128	Resp:	127652
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.9	8.6	13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.420 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN083704.D
Acq: 06 Sep 2024 18:24

Tgt Ion:	180	Resp:	38092
Ion Ratio	Lower	Upper	
180	100		
182	94.1	0.0	191.0
145	34.3	0.0	71.0

