

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083692.D
 Acq On : 06 Sep 2024 12:46
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: Sep 06 23:32:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:27:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	31184	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	184509	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	165492	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	85655	30.050	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.167%	
60) 4-Bromofluorobenzene	12.847	95	85838	30.095	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.333%	
63) Toluene-d8	10.565	98	228618	29.834	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.433%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	101651	48.676	ug/l	94
3) Chloromethane	2.359	50	103705	47.795	ug/l	99
4) Vinyl Chloride	2.518	62	107534	48.208	ug/l	97
5) Bromomethane	2.900	94	58251	46.741	ug/l	95
6) Chloroethane	3.077	64	67746	45.354	ug/l	96
7) Trichlorofluoromethane	3.471	101	179139	47.903	ug/l	93
8) Diethyl Ether	3.953	74	60831	47.872	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.359	101	96015	47.798	ug/l	95
10) 1,1-Dichloroethene	4.324	96	92793	47.877	ug/l	89
11) Methyl Iodide	4.577	142	127812	48.550	ug/l	97
13) Acrolein	4.177	56	86540	253.692	ug/l	95
14) Acrylonitrile	5.718	53	223628	236.416	ug/l	98
15) Acetone	4.430	58	74090	236.122	ug/l	74
16) Carbon Disulfide	4.700	76	262055	47.842	ug/l	99
17) Allyl chloride	5.012	41	164040	48.212	ug/l	86
18) Methylene Chloride	5.271	84	100729	47.504	ug/l	90
19) trans-1,2-Dichloroethene	5.783	96	95911	47.746	ug/l	98
20) Diisopropyl ether	6.671	45	325047	47.356	ug/l	97
21) 1,1-Dichloroethane	6.559	63	185006	47.209	ug/l	96
22) cis-1,2-Dichloroethene	7.482	96	117256	47.960	ug/l	95
23) tert-Butyl Alcohol	5.536	59	82205	236.828	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	328857	47.747	ug/l #	87
25) Chloroform	7.965	83	198693	47.843	ug/l	98
26) Cyclohexane	8.253	56	167355	48.487	ug/l #	88
29) 1,1-Dichloropropene	8.365	75	139513	47.671	ug/l	98
30) 2-Butanone	7.482	43	326178	236.438	ug/l	94
31) 2,2-Dichloropropane	7.482	77	178197	47.759	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	187080	47.866	ug/l	98
33) Carbon Tetrachloride	8.359	117	161308	47.659	ug/l	93
34) Benzene	8.600	78	417083	47.498	ug/l	98
35) Methacrylonitrile	7.771	41	72308	46.626	ug/l	93
36) 1,2-Dichloroethane	8.671	62	156520	47.414	ug/l	95
37) Trichloroethene	9.347	130	97099	47.090	ug/l	91
38) Methylcyclohexane	9.600	83	168966	48.224	ug/l	97
39) 1,2-Dichloropropane	9.618	63	100678	47.639	ug/l	96
40) Dibromomethane	9.706	93	73868	47.803	ug/l	93
41) Bromodichloromethane	9.888	83	157563	47.950	ug/l	95
42) Vinyl Acetate	6.600	43	1269865	223.883	ug/l	96
43) Ethyl Acetate	7.559	43	130541	47.013	ug/l	97

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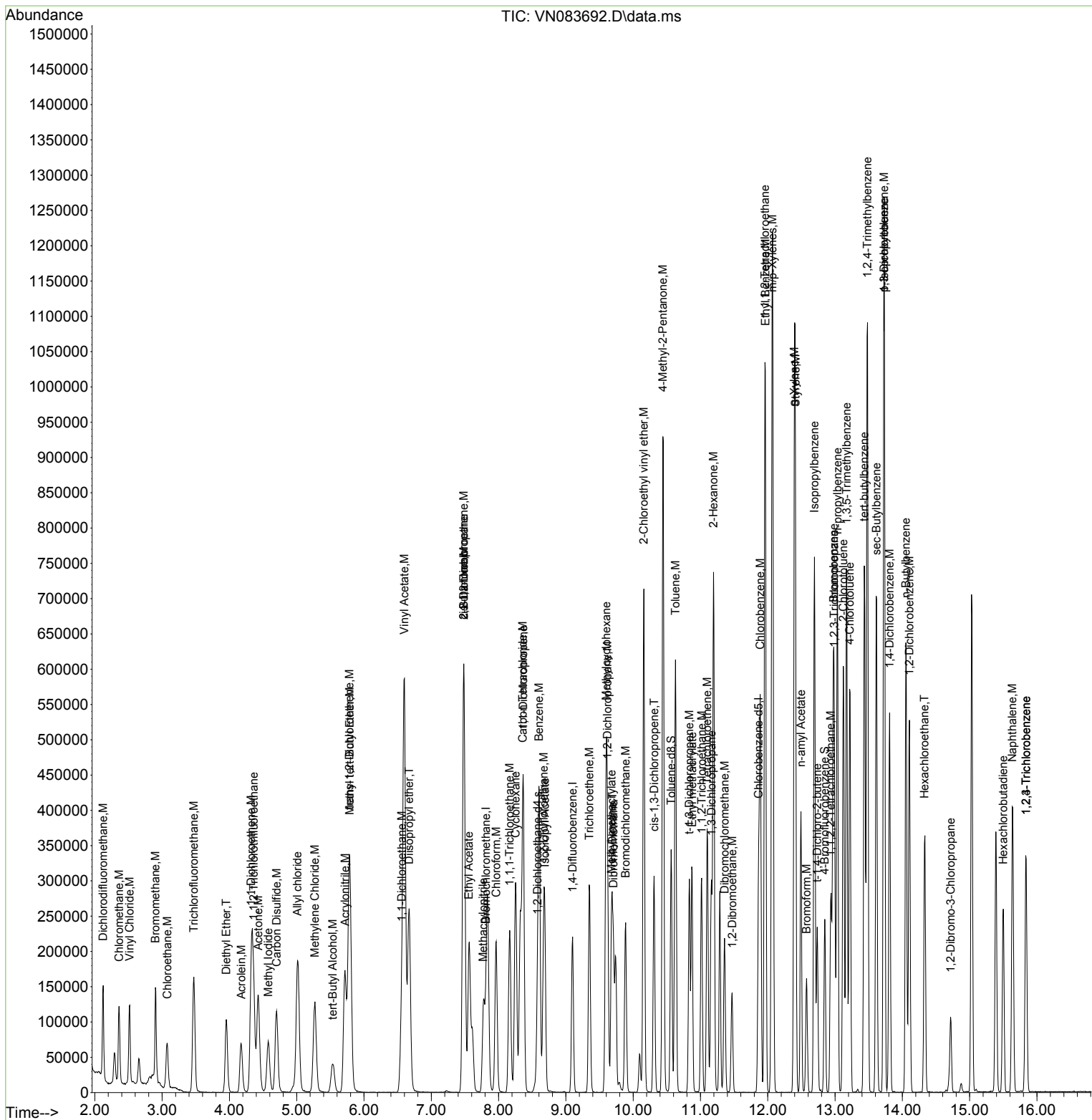
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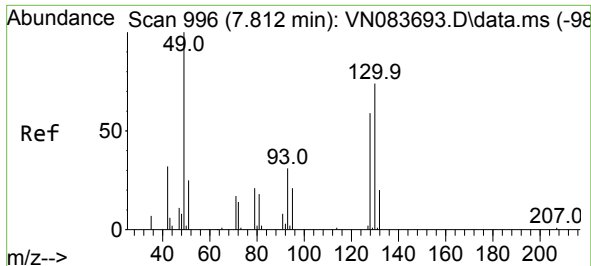
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.688	43	229379	47.761	ug/l	91
45) 1,4-Dioxane	9.694	88	35832	956.571	ug/l #	93
46) Methyl methacrylate	9.676	41	111533	47.980	ug/l	82
47) n-amyl Acetate	12.494	43	209735	49.301	ug/l	89
48) t-1,3-Dichloropropene	10.835	75	164230	47.515	ug/l	94
49) cis-1,3-Dichloropropene	10.312	75	171193	47.625	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	94024	47.818	ug/l	98
51) Ethyl methacrylate	10.876	69	161552	48.091	ug/l	81
52) 1,3-Dichloropropane	11.165	76	168067	47.331	ug/l	99
53) Dibromochloromethane	11.359	129	114327	48.475	ug/l	99
54) 1,2-Dibromoethane	11.470	107	96308	47.345	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	303185	226.464	ug/l	99
56) Bromoform	12.576	173	72832	48.608	ug/l #	96
58) 4-Methyl-2-Pentanone	10.441	43	628368	239.462	ug/l #	90
59) 2-Hexanone	11.194	43	472821	238.463	ug/l	89
61) Tetrachloroethene	11.100	164	81597	46.589	ug/l	98
62) Toluene	10.629	91	458137	48.163	ug/l	100
64) Chlorobenzene	11.888	112	277997	47.203	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	99347	48.424	ug/l	99
66) Ethyl Benzene	11.965	91	518395	47.923	ug/l	100
67) m/p-Xylenes	12.070	106	384641	96.649	ug/l	97
68) o-Xylene	12.394	106	188367	48.905	ug/l	98
69) Styrene	12.412	104	316348	48.608	ug/l	98
70) Isopropylbenzene	12.694	105	498890	49.081	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	132828	47.845	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	182621	75.173	ug/l	69
73) Bromobenzene	12.982	156	112553	48.209	ug/l	95
74) n-propylbenzene	13.035	91	580804	48.812	ug/l	99
75) 2-Chlorotoluene	13.123	91	357678	48.163	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	419662	49.426	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	49615	48.224	ug/l	90
78) 4-Chlorotoluene	13.217	91	358117	47.550	ug/l	99
79) tert-butylbenzene	13.435	119	353609	47.626	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	423342	49.339	ug/l	99
81) sec-Butylbenzene	13.617	105	495951	48.897	ug/l	100
82) p-Isopropyltoluene	13.729	119	420388	49.262	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	213041	47.411	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	212746	47.357	ug/l	99
85) n-Butylbenzene	14.053	91	360329	47.848	ug/l	99
86) Hexachloroethane	14.329	117	80541	49.803	ug/l	87
87) 1,2-Dichlorobenzene	14.106	146	210695	48.315	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	30132	49.388	ug/l	90
89) 1,2,4-Trichlorobenzene	15.841	180	113238	47.397	ug/l	100
90) Hexachlorobutadiene	15.500	225	47864	48.403	ug/l	99
91) Naphthalene	15.635	128	376599	48.216	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	113238	47.397	ug/l	100

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

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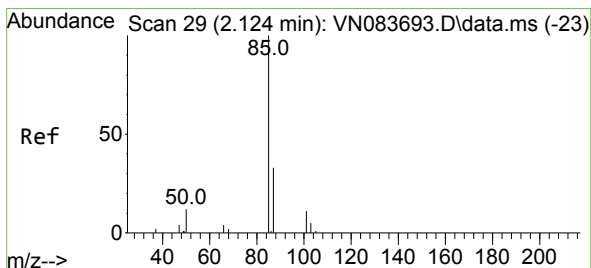
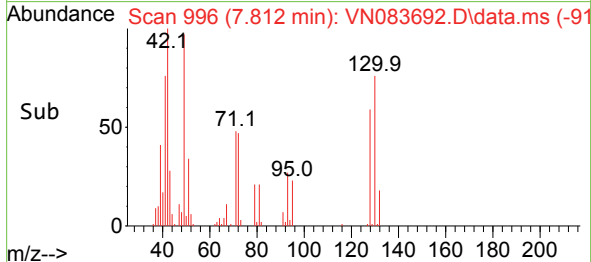
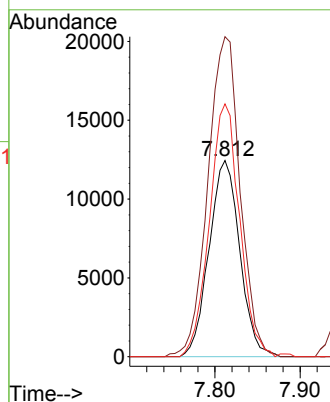
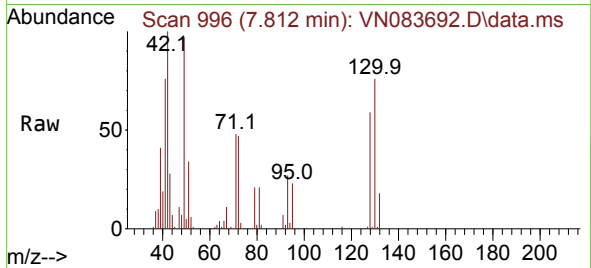




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

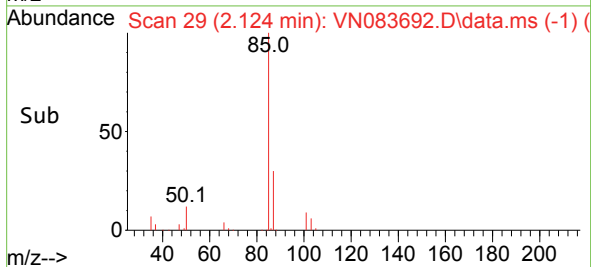
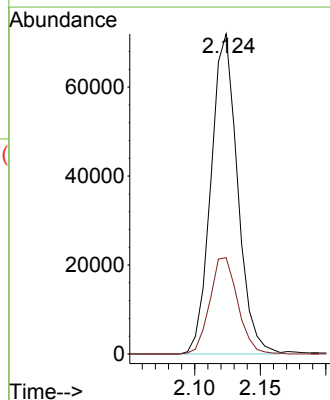
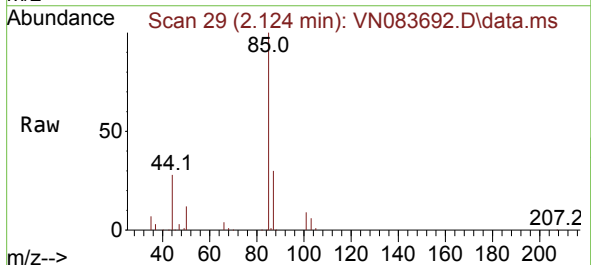
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MSVOA_N
ClientSampleId :
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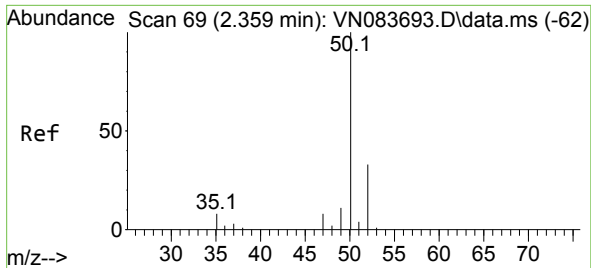
Tgt Ion:128 Resp: 31184
Ion Ratio Lower Upper
128 100
49 171.1 0.0 403.7
130 126.9 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 48.676 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 85 Resp: 101651
Ion Ratio Lower Upper
85 100
87 30.1 16.8 50.3

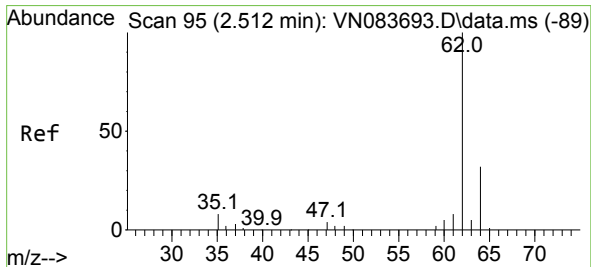
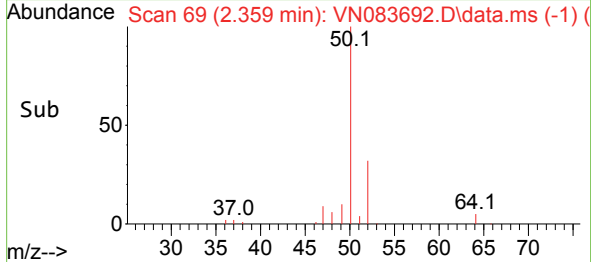
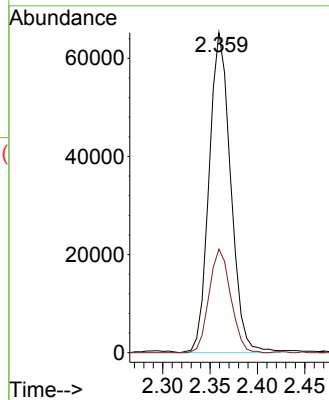
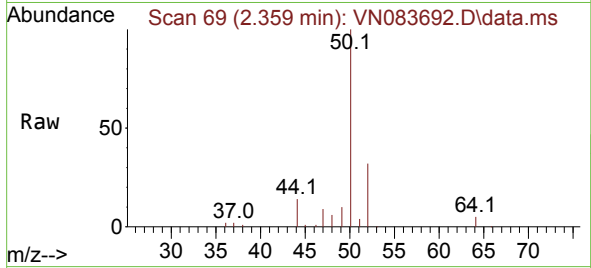




#3
Chloromethane
Concen: 47.795 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

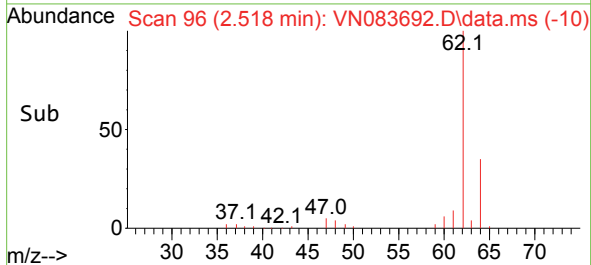
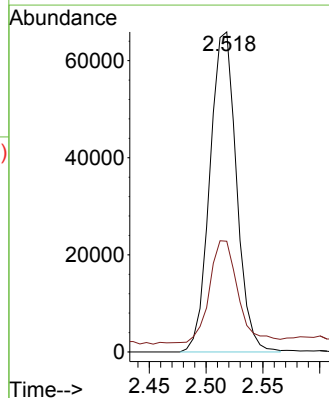
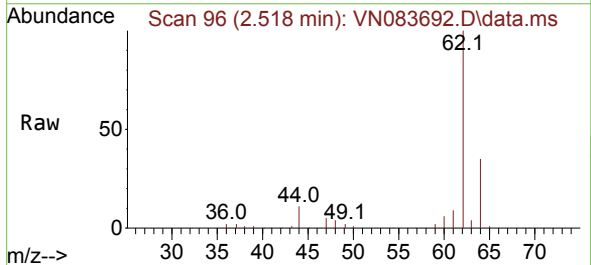
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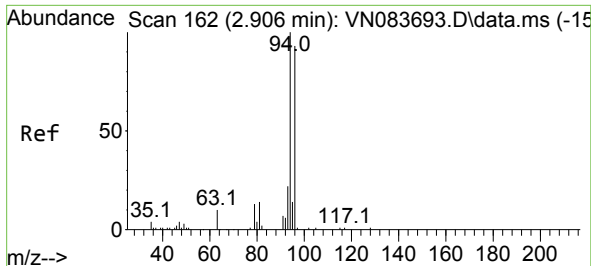
Tgt Ion: 50 Resp: 103705
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0



#4
Vinyl Chloride
Concen: 48.208 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 62 Resp: 107534
Ion Ratio Lower Upper
62 100
64 31.6 24.1 36.1

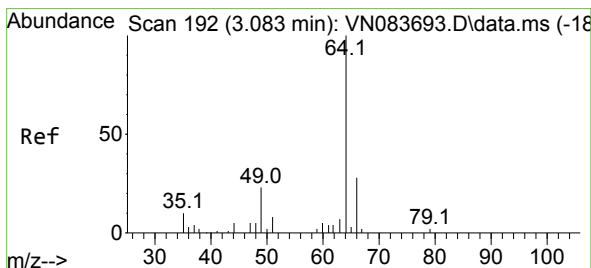
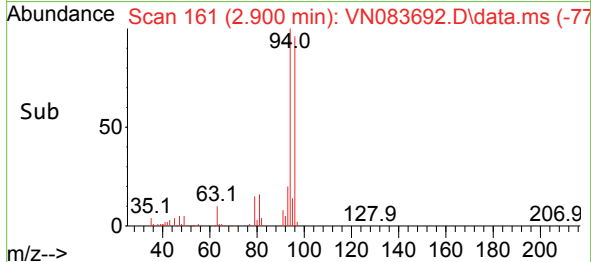
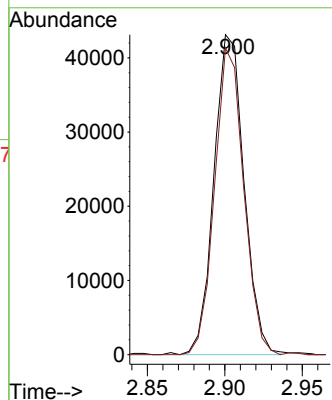
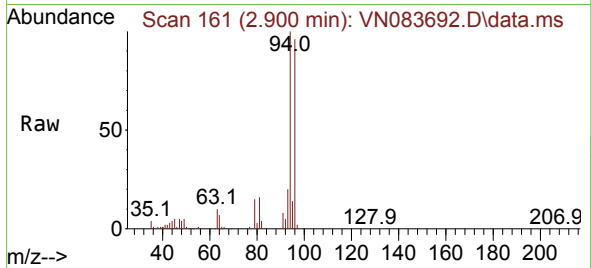




#5
Bromomethane
Concen: 46.741 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

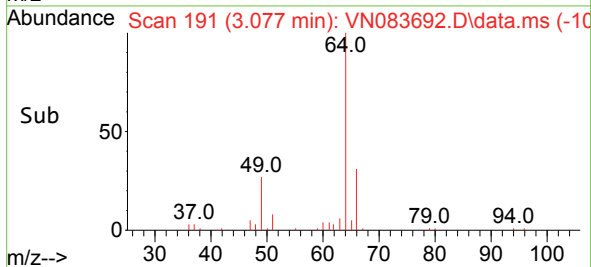
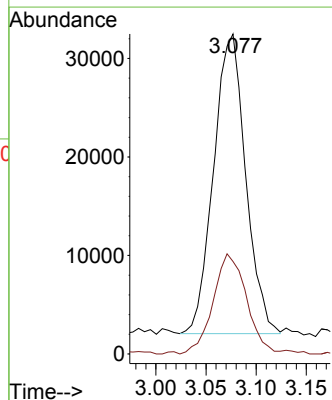
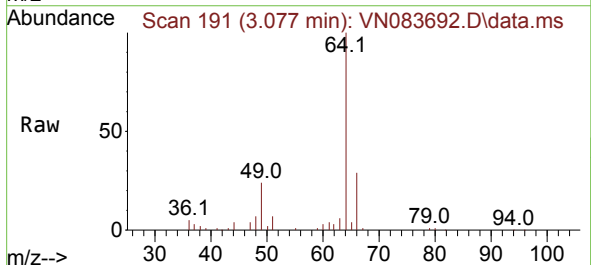
Instrument :
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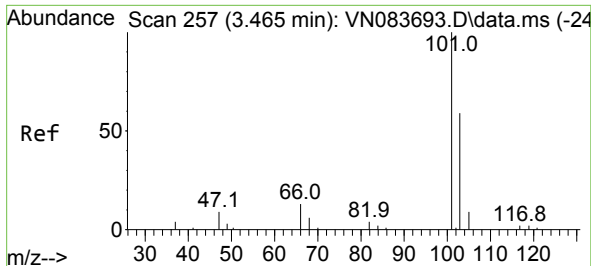
Tgt Ion: 94 Resp: 58251
Ion Ratio Lower Upper
94 100
96 95.9 72.8 109.2



#6
Chloroethane
Concen: 45.354 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 64 Resp: 67746
Ion Ratio Lower Upper
64 100
66 30.9 26.7 40.1

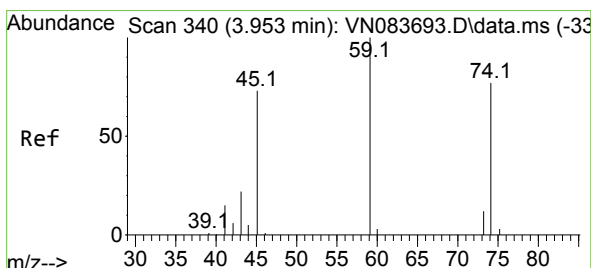
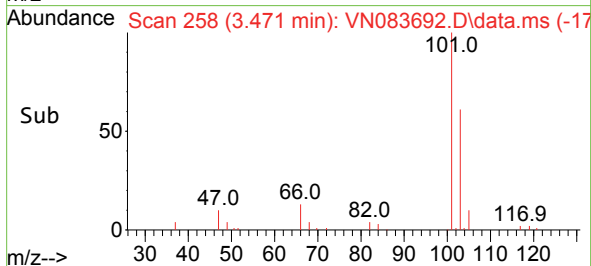
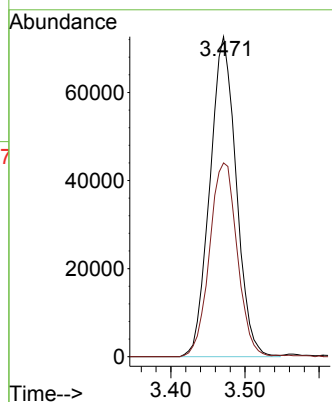
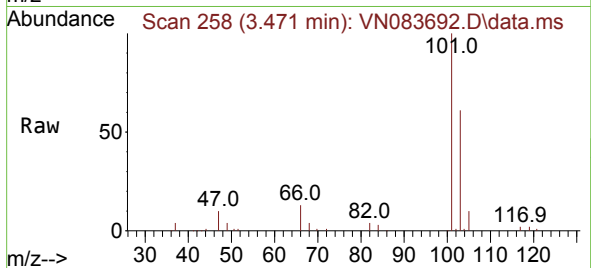




#7
 Trichlorofluoromethane
 Concen: 47.903 ug/l
 RT: 3.471 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

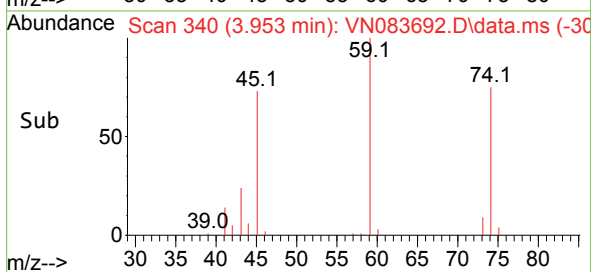
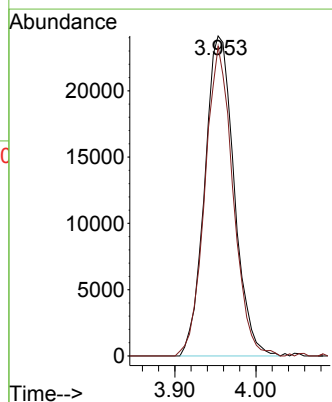
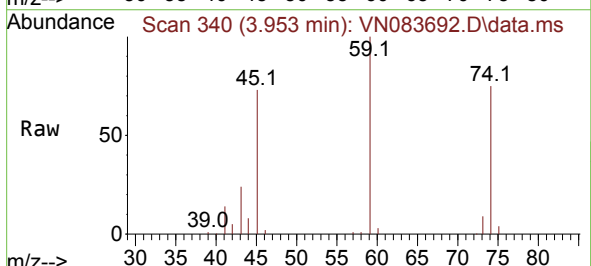
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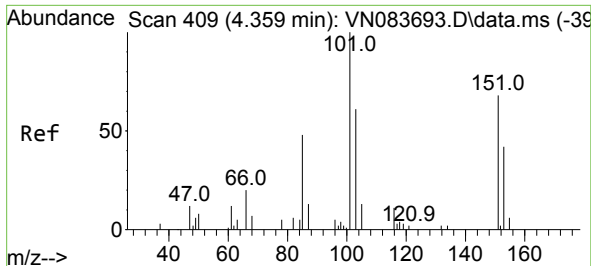
Tgt Ion:101 Resp: 179139
 Ion Ratio Lower Upper
 101 100
 103 60.5 53.0 79.4



#8
 Diethyl Ether
 Concen: 47.872 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

Tgt Ion: 74 Resp: 60831
 Ion Ratio Lower Upper
 74 100
 45 91.8 16.4 147.4

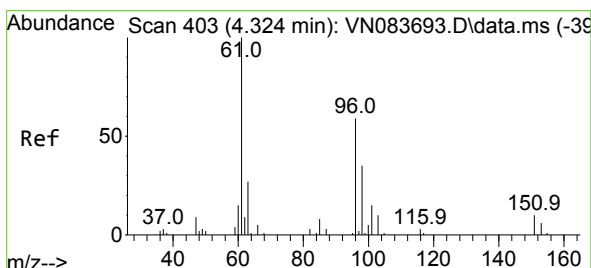
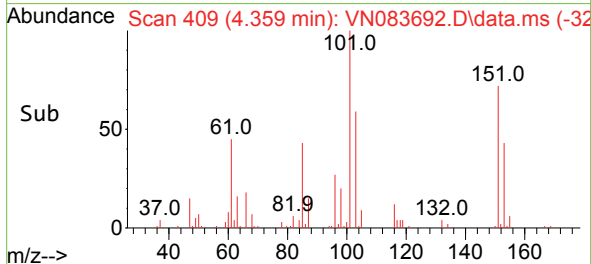
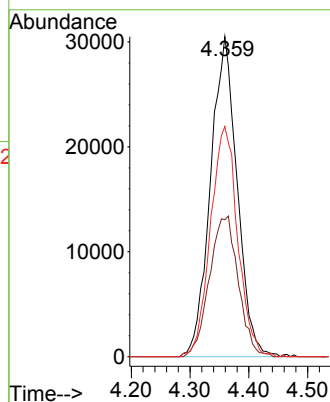
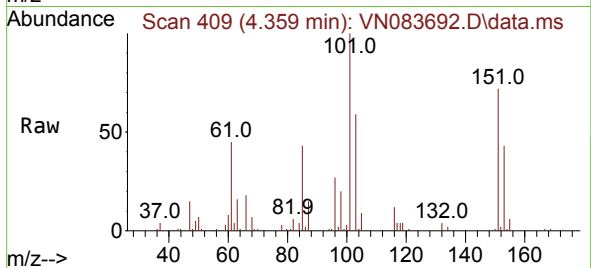




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.798 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: VN083692.D
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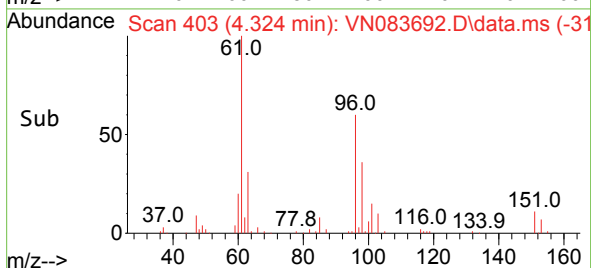
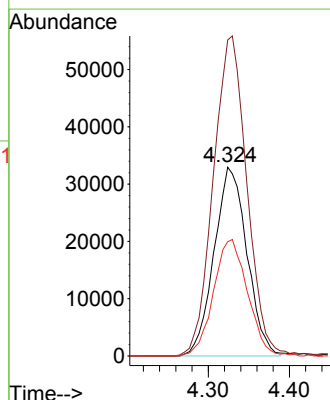
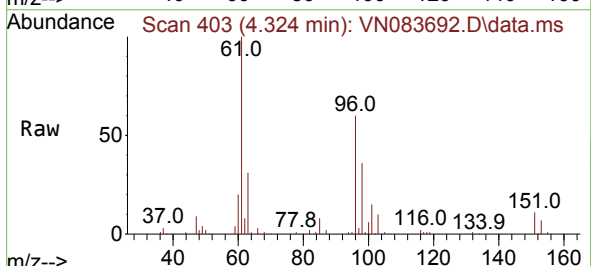
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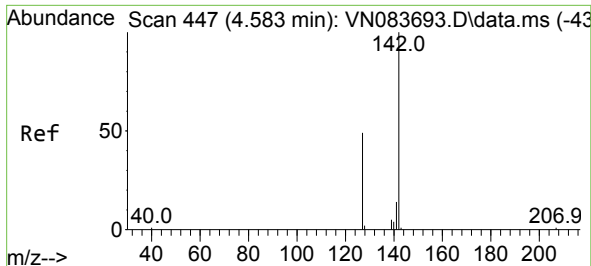
Tgt Ion:101 Resp: 96015
 Ion Ratio Lower Upper
 101 100
 85 47.6 0.0 90.6
 151 73.3 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 47.877 ug/l
 RT: 4.324 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

Tgt Ion: 96 Resp: 92793
 Ion Ratio Lower Upper
 96 100
 61 166.8 117.6 176.4
 98 60.5 48.4 72.6

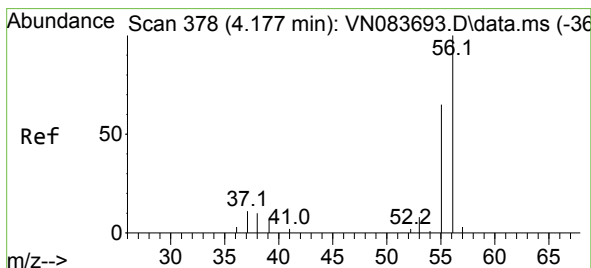
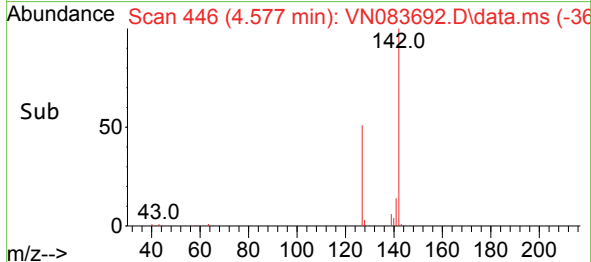
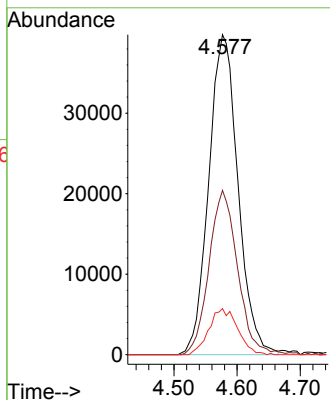
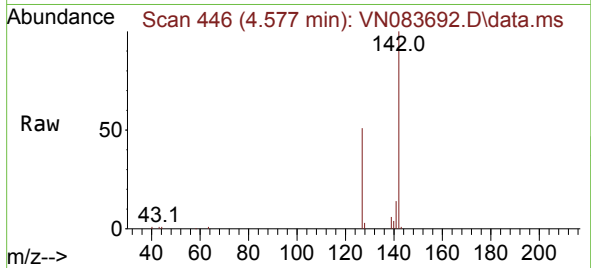




#11
Methyl Iodide
Concen: 48.550 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

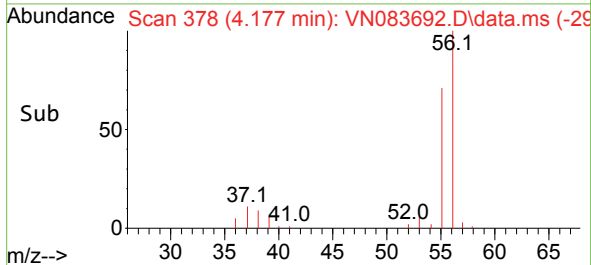
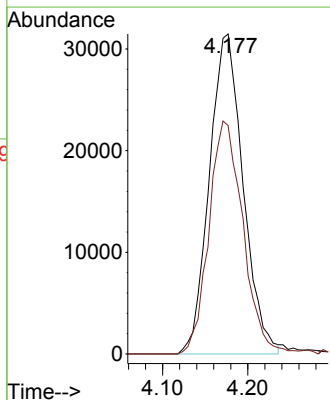
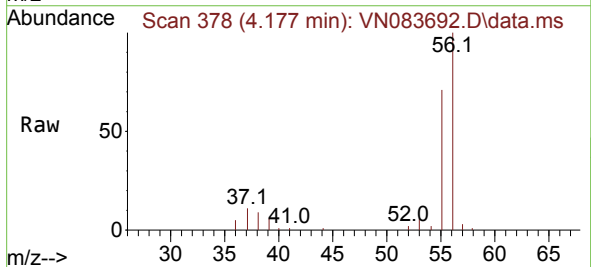
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

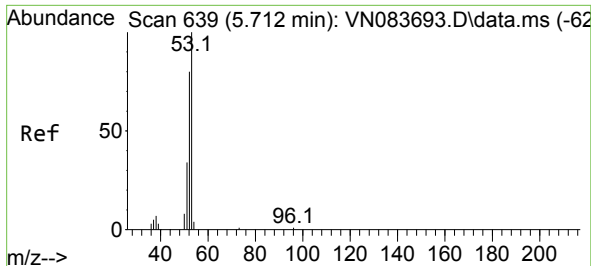
Tgt Ion:142 Resp: 127812
Ion Ratio Lower Upper
142 100
127 51.2 26.3 78.9
141 14.5 8.3 24.9



#13
Acrolein
Concen: 253.692 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 56 Resp: 86540
Ion Ratio Lower Upper
56 100
55 73.4 55.5 83.3

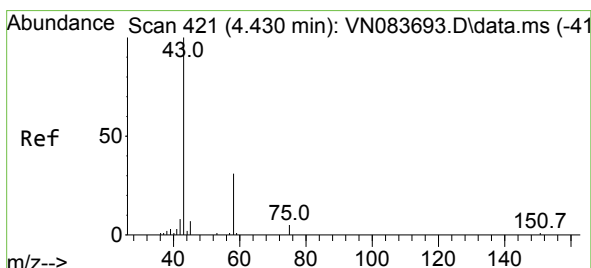
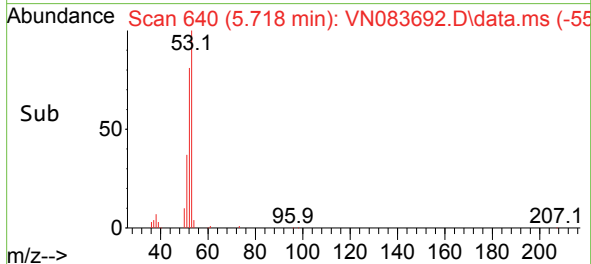
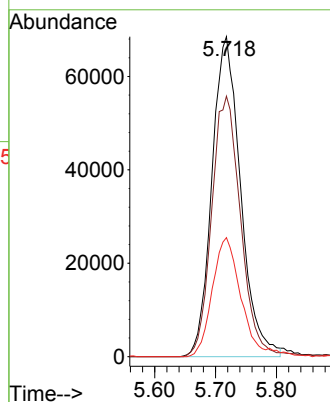
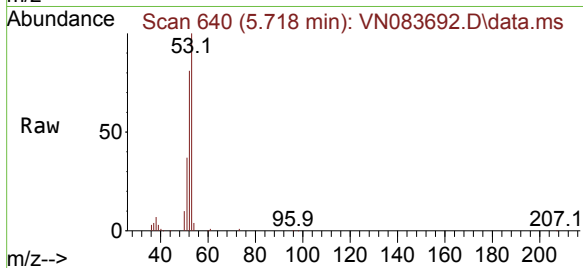




#14
Acrylonitrile
Concen: 236.416 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

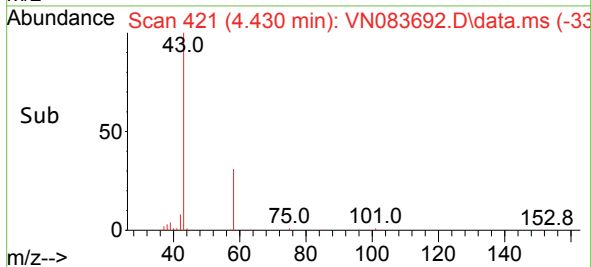
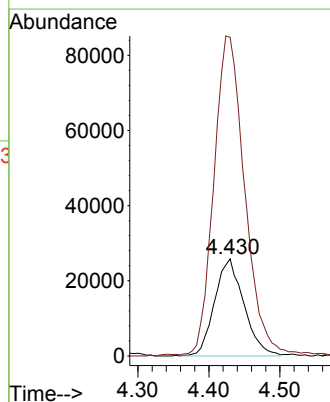
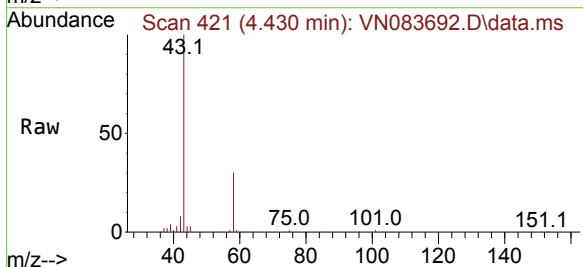
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

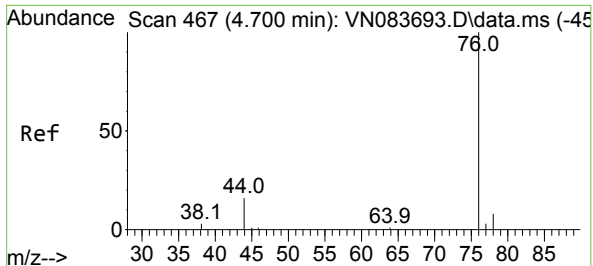
Tgt Ion: 53 Resp: 223628
Ion Ratio Lower Upper
53 100
52 81.5 41.3 123.9
51 36.3 16.8 50.3



#15
Acetone
Concen: 236.122 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 58 Resp: 74090
Ion Ratio Lower Upper
58 100
43 326.8 223.1 334.7

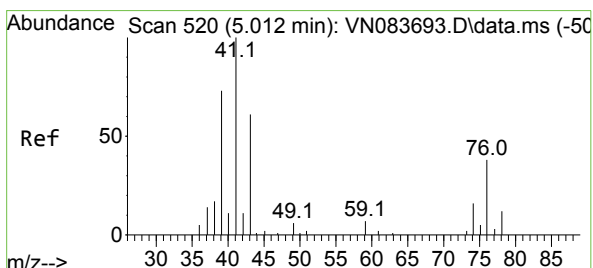
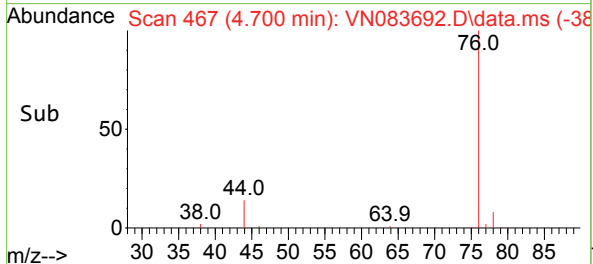
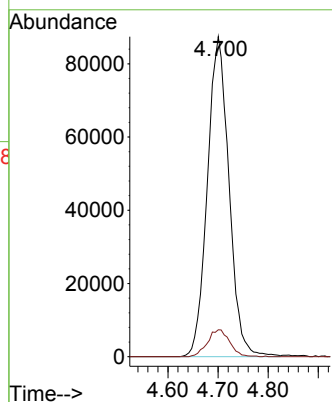
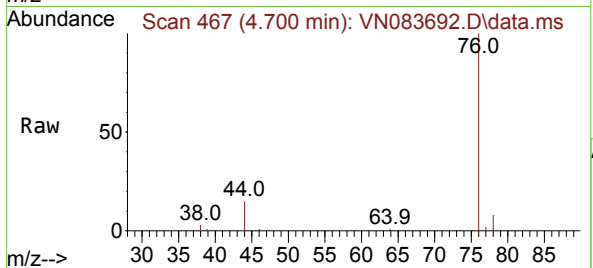




#16
Carbon Disulfide
Concen: 47.842 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

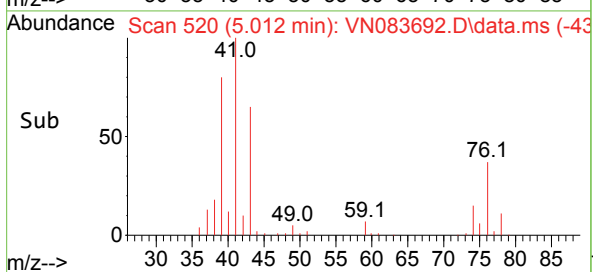
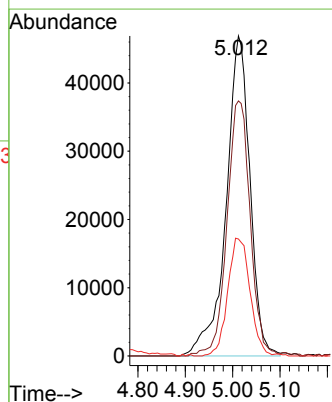
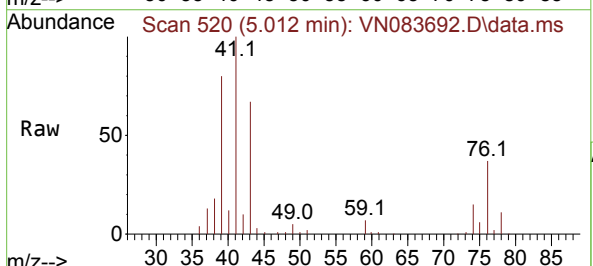
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

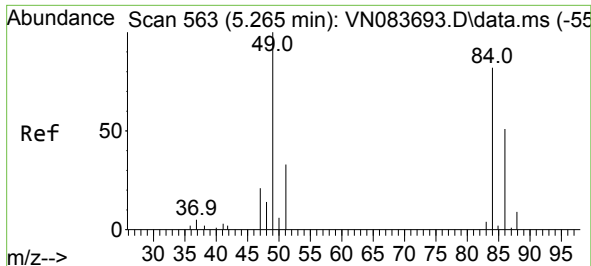
Tgt Ion: 76 Resp: 262055
Ion Ratio Lower Upper
76 100
78 8.4 6.3 9.5



#17
Allyl chloride
Concen: 48.212 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 41 Resp: 164040
Ion Ratio Lower Upper
41 100
39 79.7 37.6 112.9
76 36.6 27.8 83.4



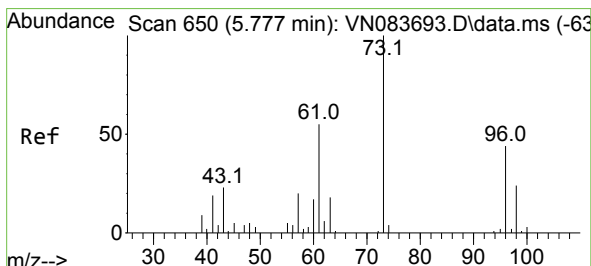
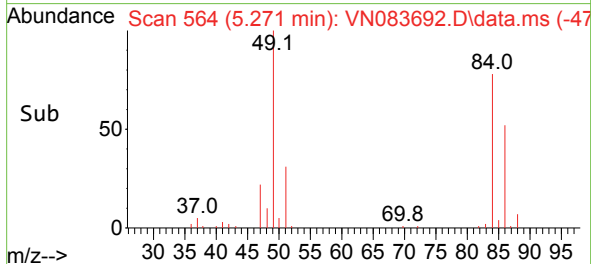
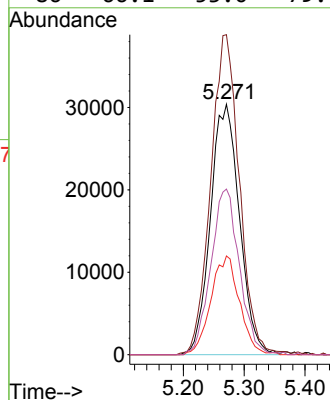
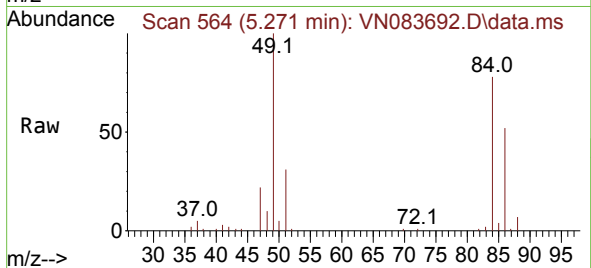


#18
Methylene Chloride
Concen: 47.504 ug/l
RT: 5.271 min Scan# 501
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 84 Resp: 100729

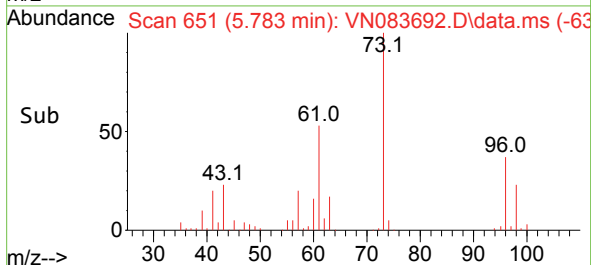
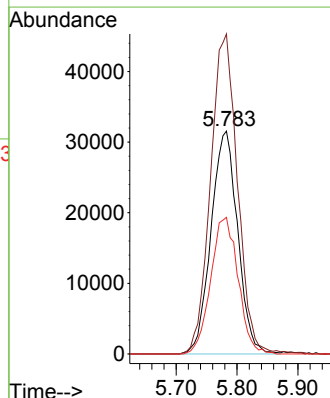
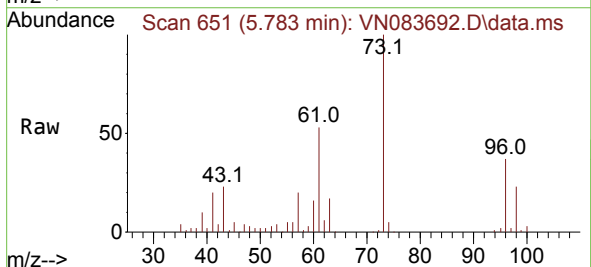
Ion	Ratio	Lower	Upper
84	100		
49	127.2	86.0	129.0
51	39.4	30.0	45.0
86	66.1	53.0	79.4

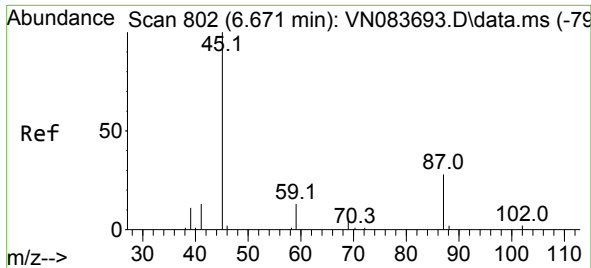


#19
trans-1,2-Dichloroethene
Concen: 47.746 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 96 Resp: 95911

Ion	Ratio	Lower	Upper
96	100		
61	143.5	111.8	167.6
98	61.3	49.2	73.8

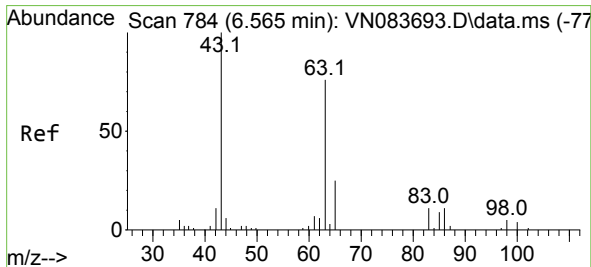
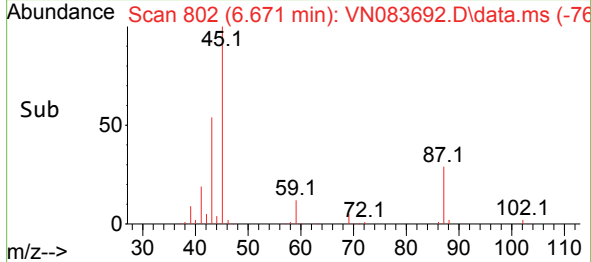
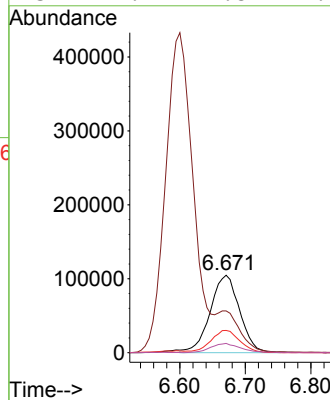
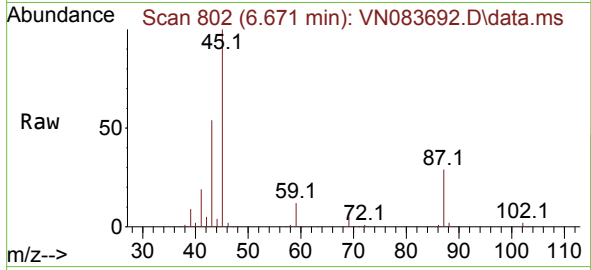




#20
Diisopropyl ether
Concen: 47.356 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

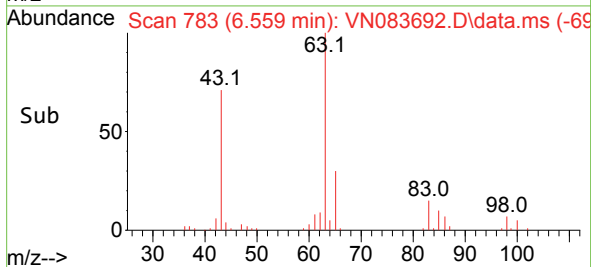
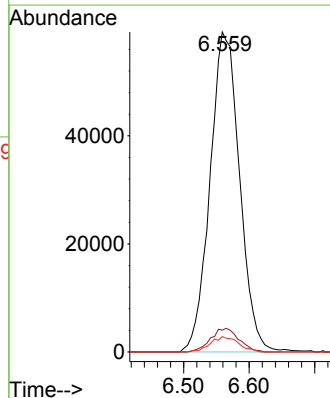
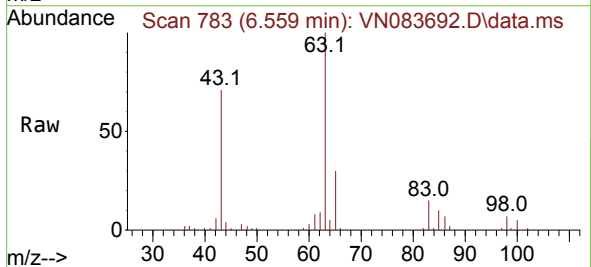
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

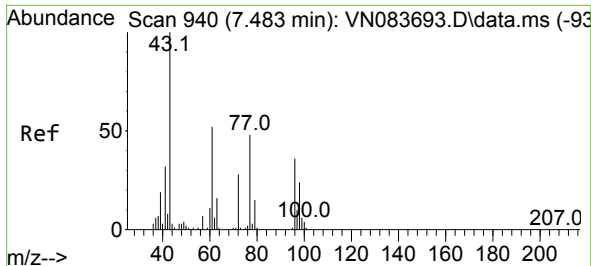
Tgt Ion:	45	Resp:	325047
Ion	Ratio	Lower	Upper
45	100		
43	52.9	40.4	60.6
87	28.8	23.8	35.8
59	11.9	9.8	14.6



#21
1,1-Dichloroethane
Concen: 47.209 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:	63	Resp:	185006
Ion	Ratio	Lower	Upper
63	100		
98	6.8	4.1	12.3
100	4.8	3.0	9.0

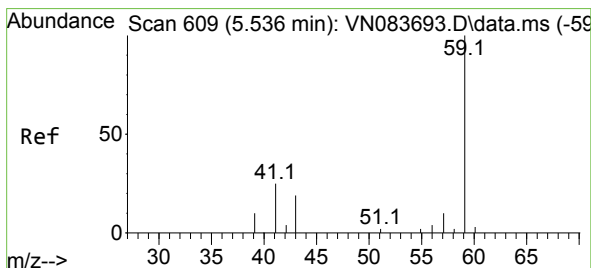
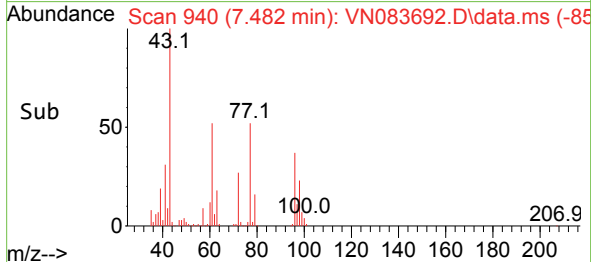
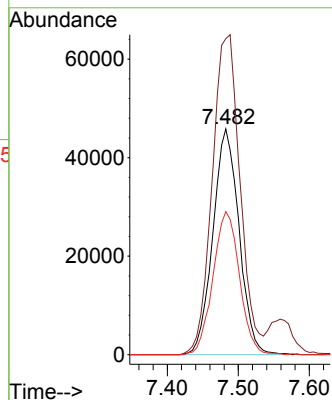
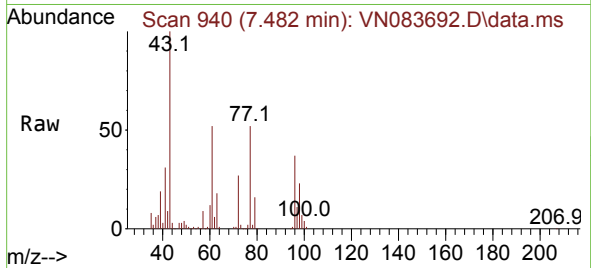




#22
 cis-1,2-Dichloroethene
 Concen: 47.960 ug/l
 RT: 7.482 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

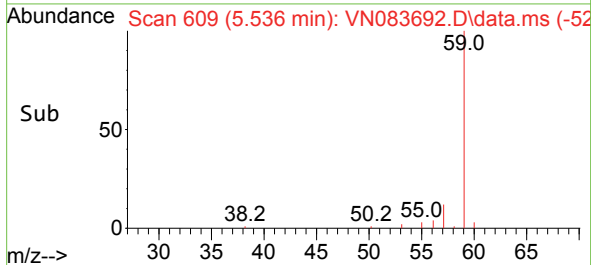
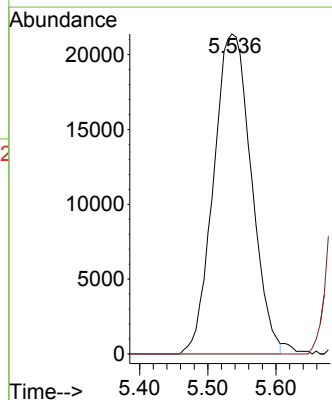
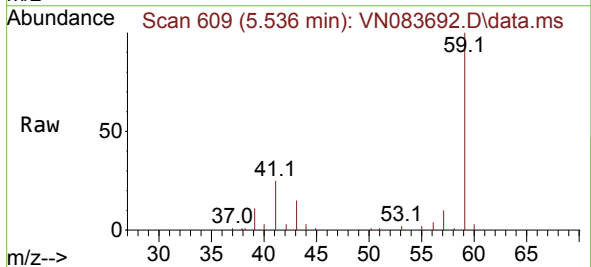
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

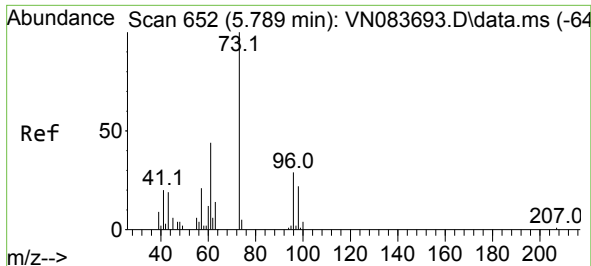
Tgt Ion: 96 Resp: 117256
 Ion Ratio Lower Upper
 96 100
 61 151.0 113.5 170.3
 98 64.0 52.0 78.0



#23
 tert-Butyl Alcohol
 Concen: 236.828 ug/l
 RT: 5.536 min Scan# 609
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

Tgt Ion: 59 Resp: 82205
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

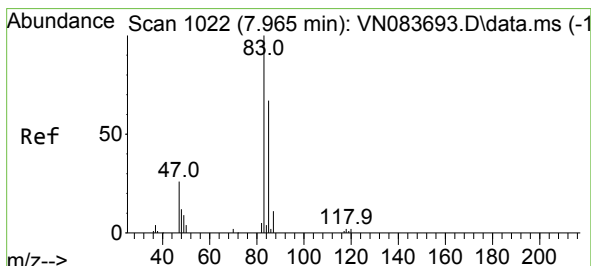
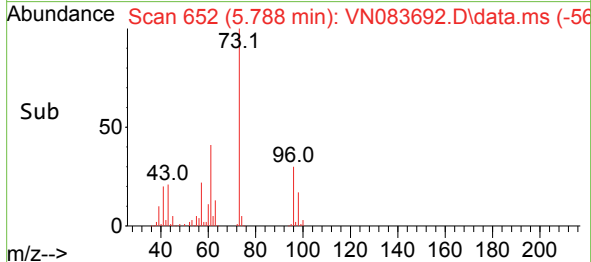
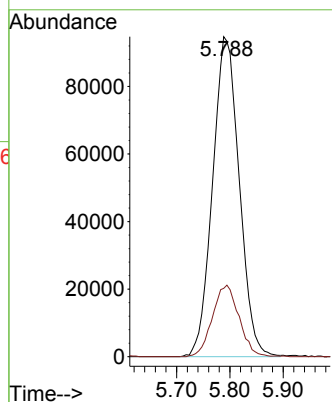
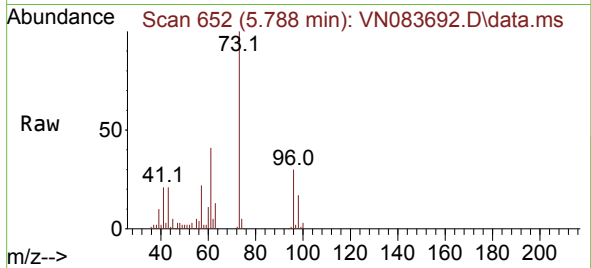




#24
Methyl tert-Butyl Ether
Concen: 47.747 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

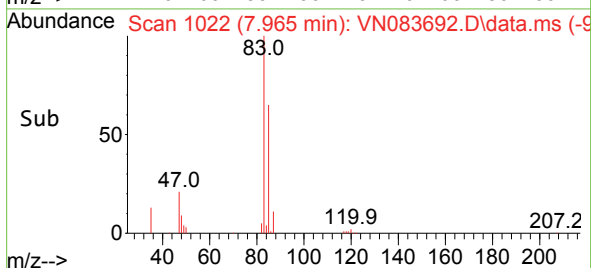
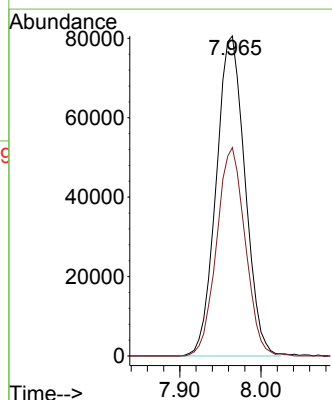
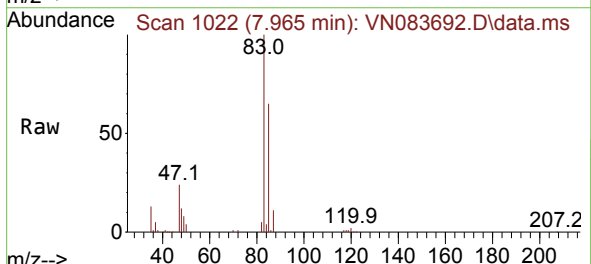
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

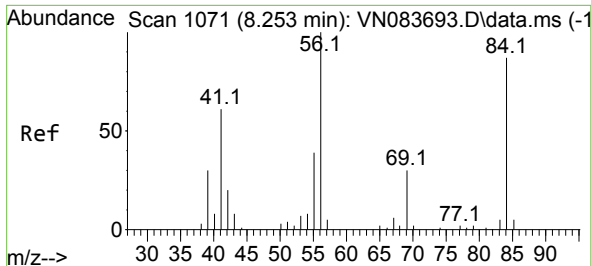
Tgt Ion: 73 Resp: 328857
Ion Ratio Lower Upper
73 100
43 22.3 13.4 20.2#



#25
Chloroform
Concen: 47.843 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 83 Resp: 198693
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3

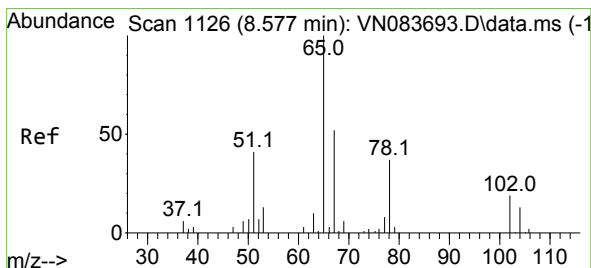
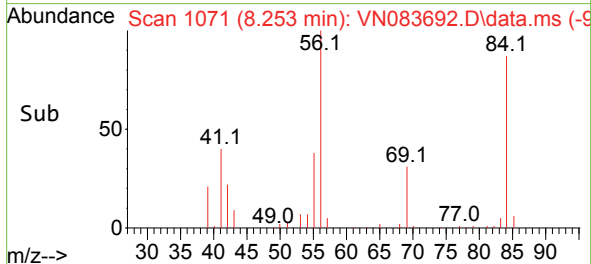
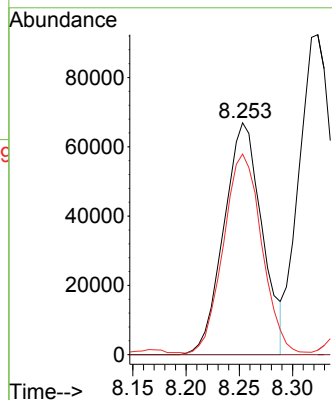
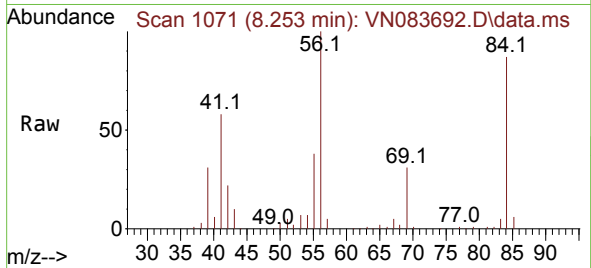




#26
Cyclohexane
Concen: 48.487 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

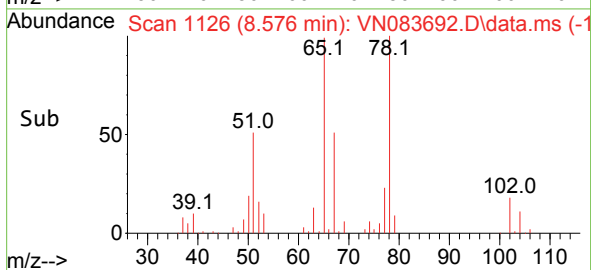
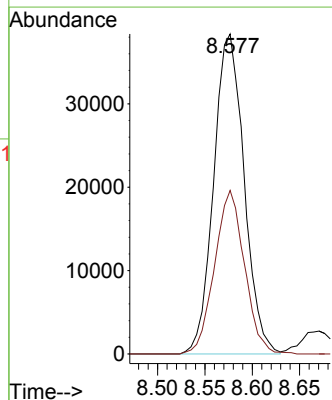
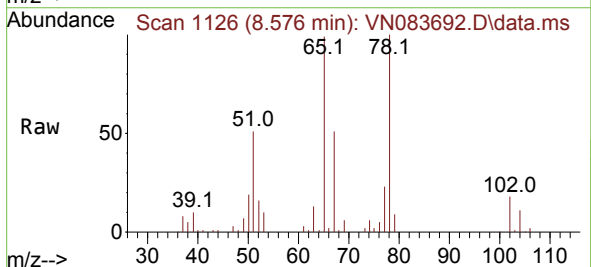
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

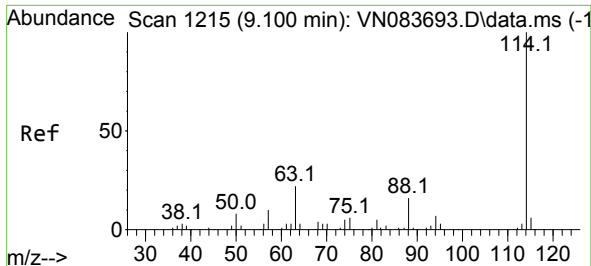
Tgt Ion: 56 Resp: 167355
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 87.6 71.3 106.9



#27
1,2-Dichloroethane-d4
Concen: 30.050 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 65 Resp: 85655
Ion Ratio Lower Upper
65 100
67 50.3 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

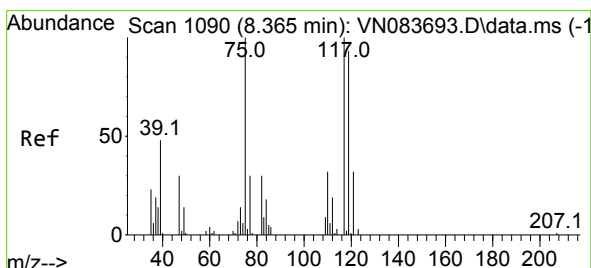
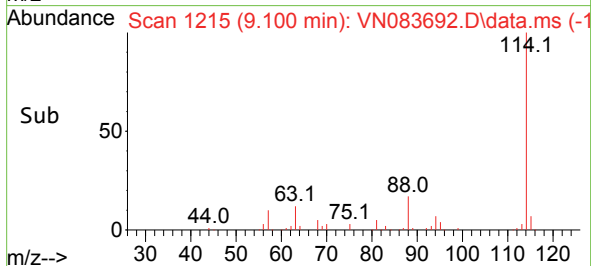
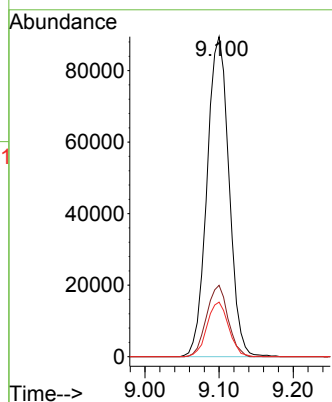
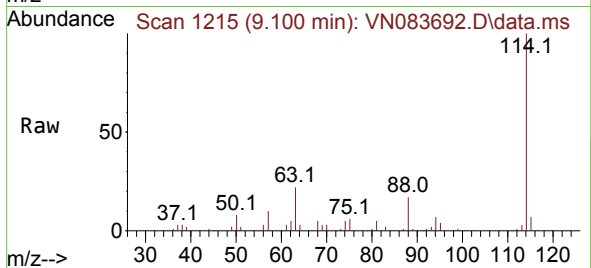
Tgt Ion:114 Resp: 184509

Ion Ratio Lower Upper

114 100

63 21.8 15.9 23.9

88 16.8 12.7 19.1



#29

1,1-Dichloropropene

Concen: 47.671 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

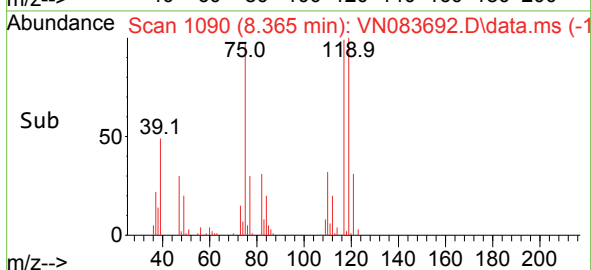
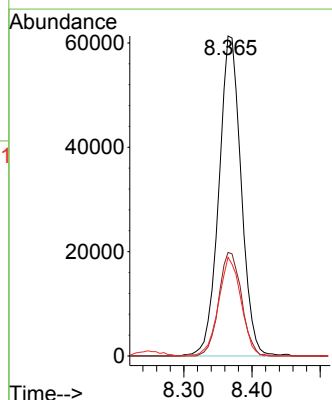
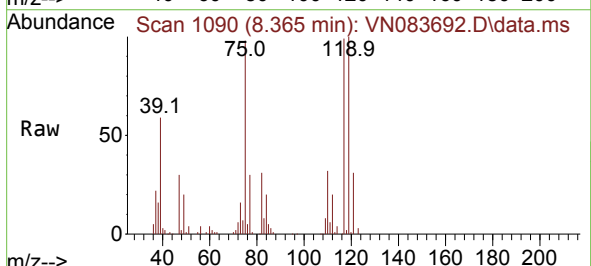
Tgt Ion: 75 Resp: 139513

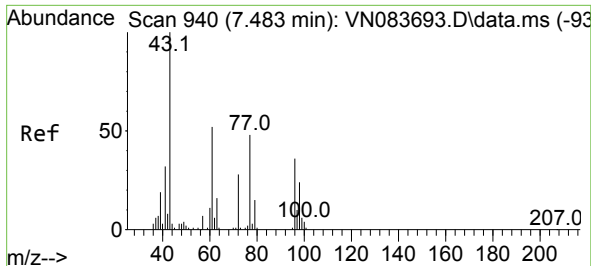
Ion Ratio Lower Upper

75 100

110 33.0 0.0 70.2

77 31.0 0.0 61.4

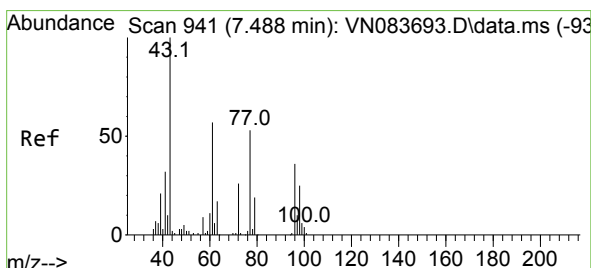
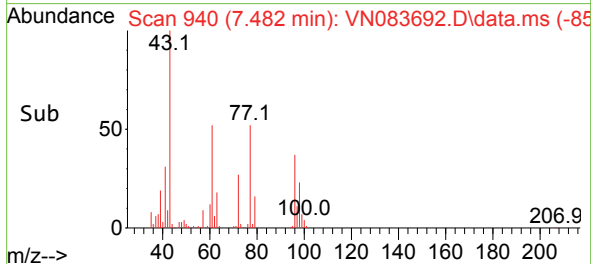
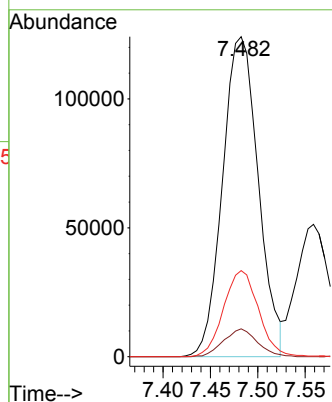
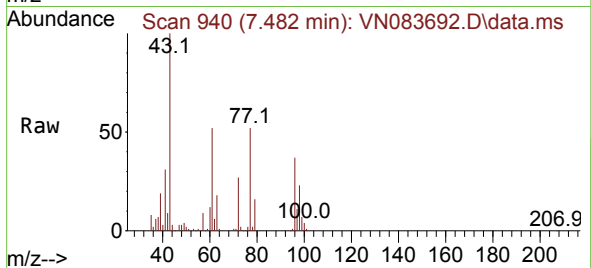




#30
2-Butanone
Concen: 236.438 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

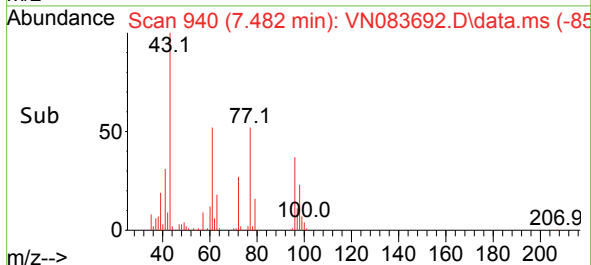
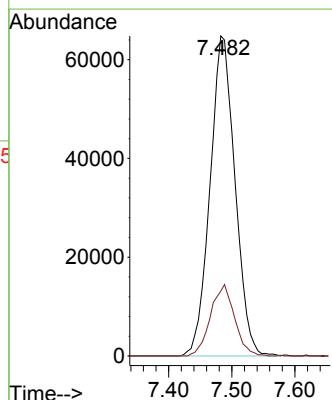
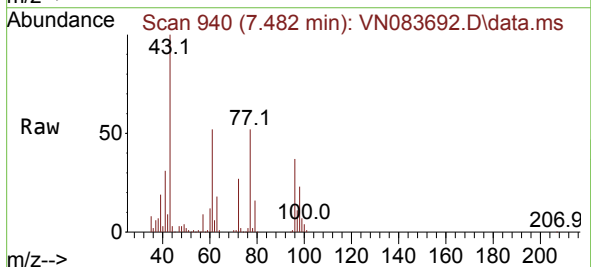
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

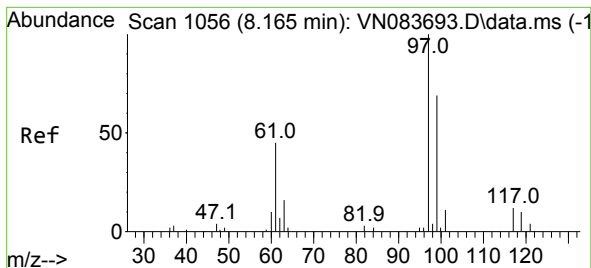
Tgt Ion: 43 Resp: 326178
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 26.2 24.0 36.0



#31
2,2-Dichloropropane
Concen: 47.759 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 77 Resp: 178197
Ion Ratio Lower Upper
77 100
97 21.5 18.3 27.5





#32

1,1,1-Trichloroethane

Concen: 47.866 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

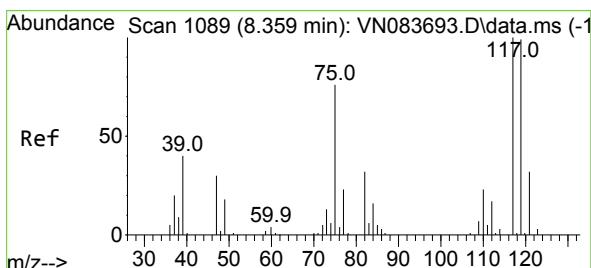
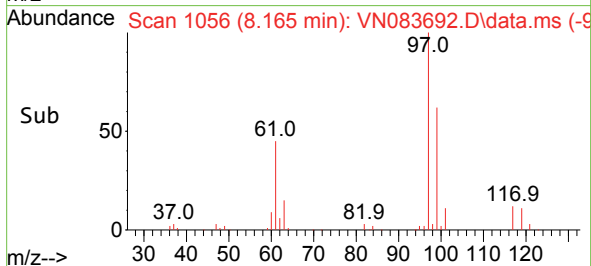
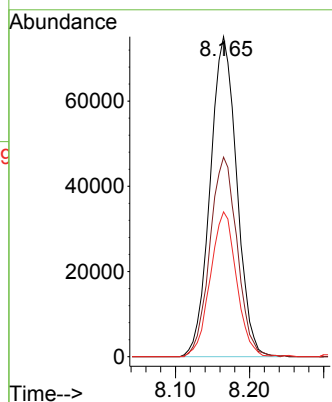
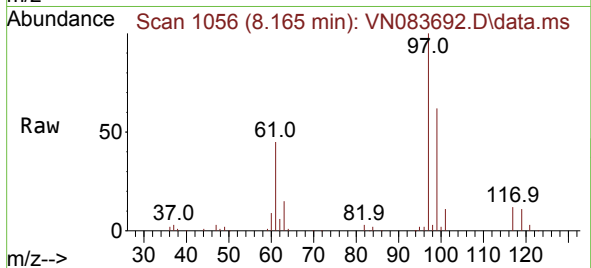
Tgt Ion: 97 Resp: 187080

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 44.6 33.8 50.8



#33

Carbon Tetrachloride

Concen: 47.659 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

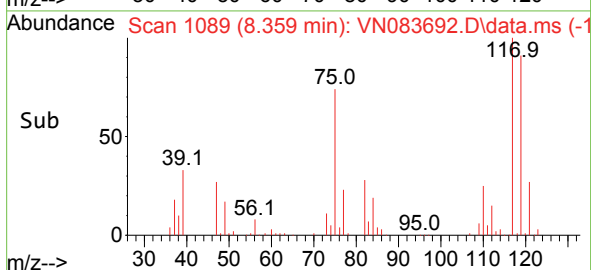
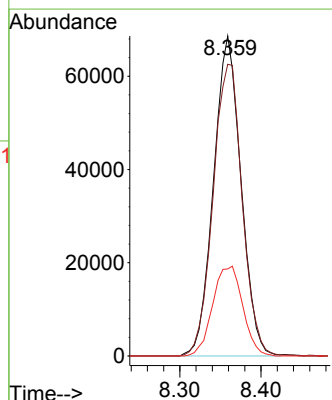
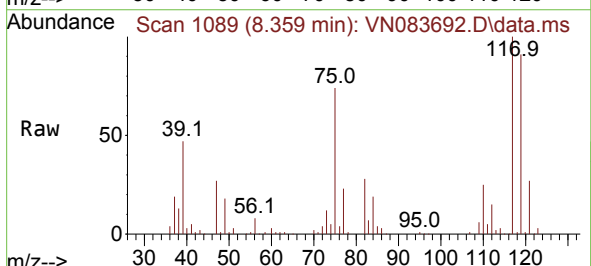
Tgt Ion: 117 Resp: 161308

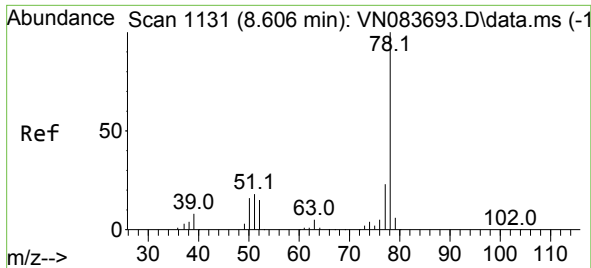
Ion Ratio Lower Upper

117 100

119 91.2 77.7 116.5

121 27.2 27.0 40.6

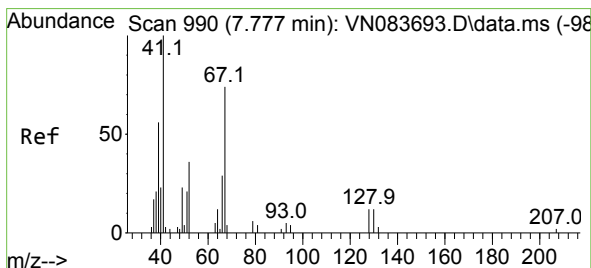
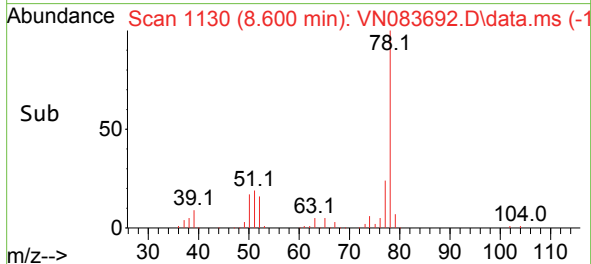
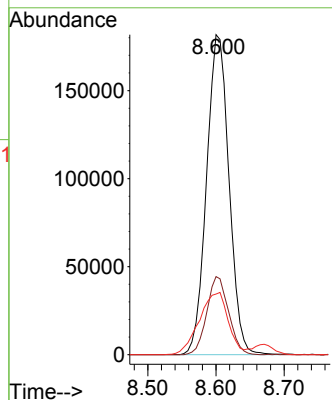
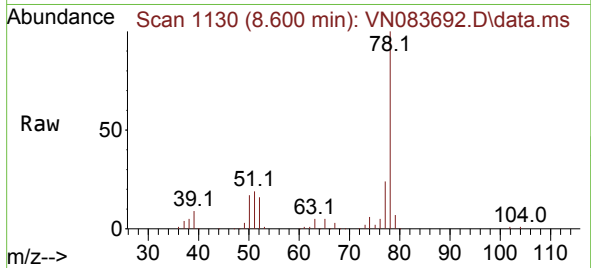




#34
Benzene
Concen: 47.498 ug/l
RT: 8.600 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

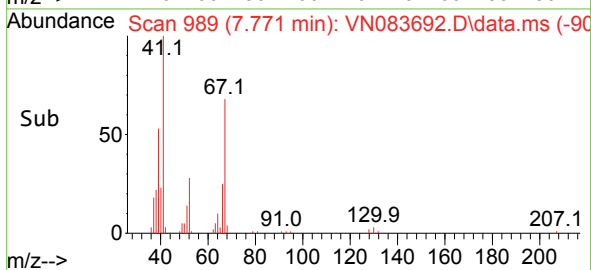
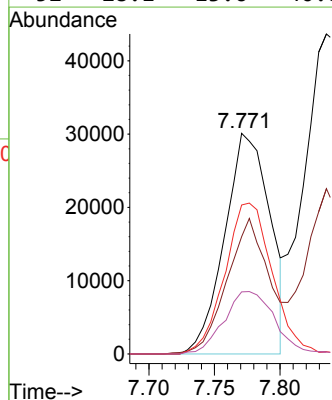
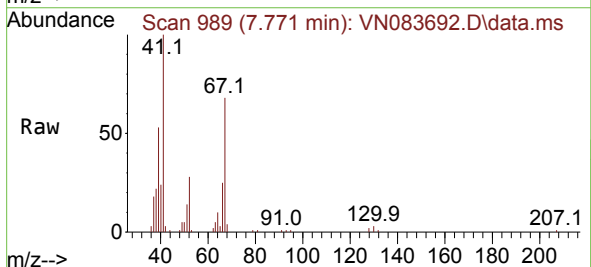
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

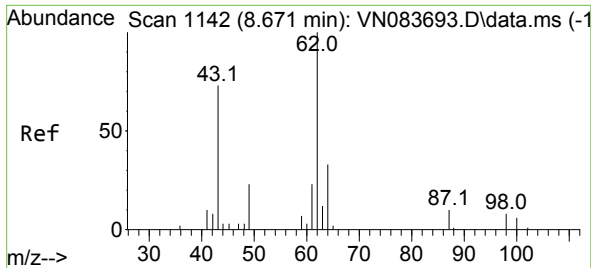
Tgt Ion: 78 Resp: 417083
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8
51 18.2 13.3 19.9



#35
Methacrylonitrile
Concen: 46.626 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 41 Resp: 72308
Ion Ratio Lower Upper
41 100
39 52.5 25.3 75.9
67 67.5 38.7 116.1
52 28.1 13.6 40.8

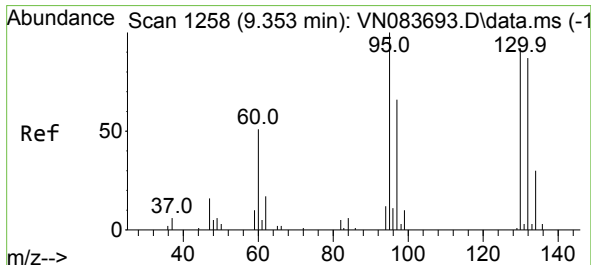
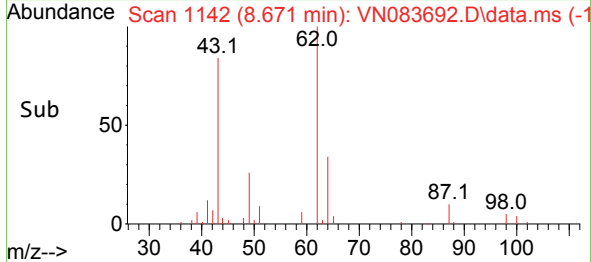
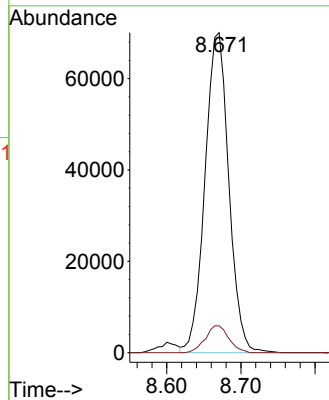
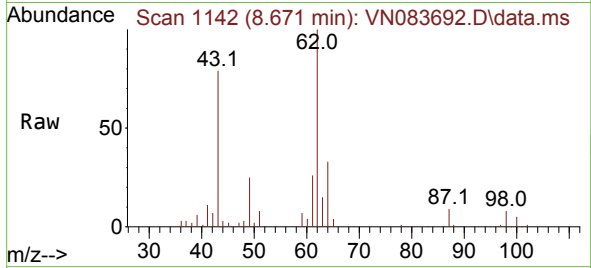




#36
1,2-Dichloroethane
Concen: 47.414 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

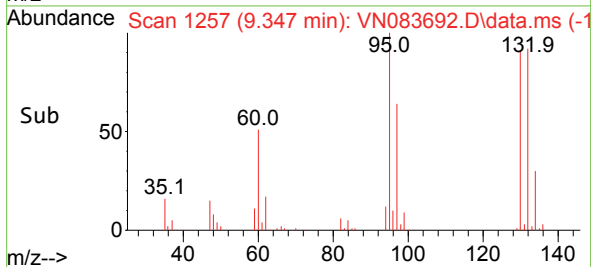
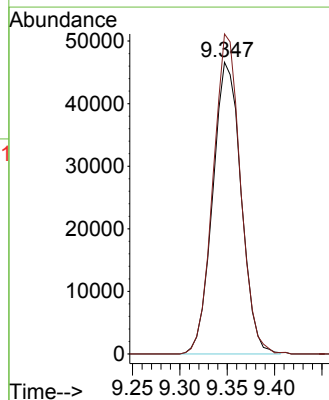
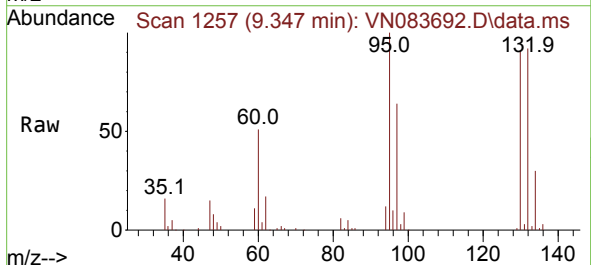
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

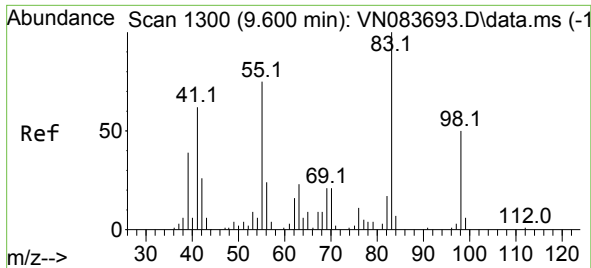
Tgt Ion: 62 Resp: 156520
Ion Ratio Lower Upper
62 100
98 8.3 8.2 12.4



#37
Trichloroethene
Concen: 47.090 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 130 Resp: 97099
Ion Ratio Lower Upper
130 100
95 109.7 80.2 120.4

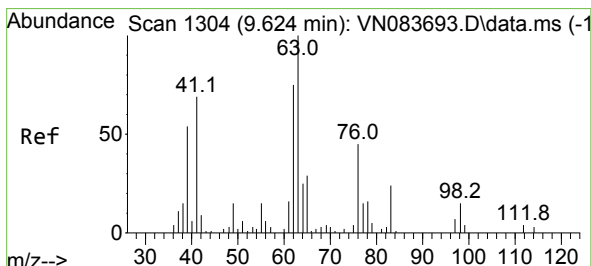
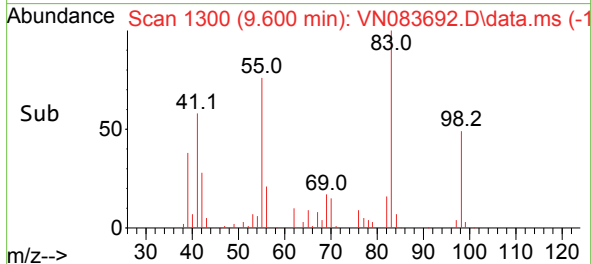
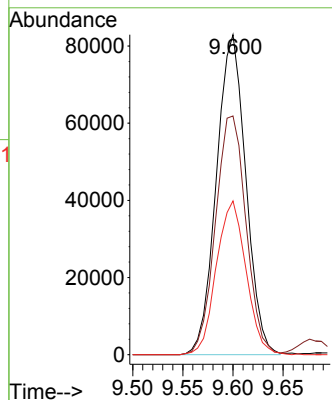
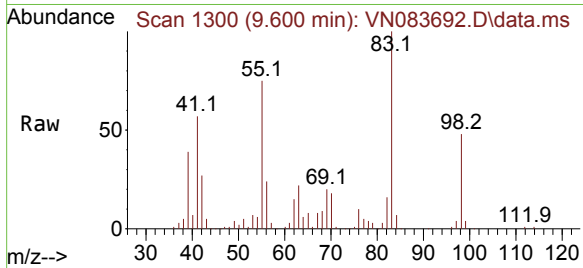




#38
Methylcyclohexane
Concen: 48.224 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

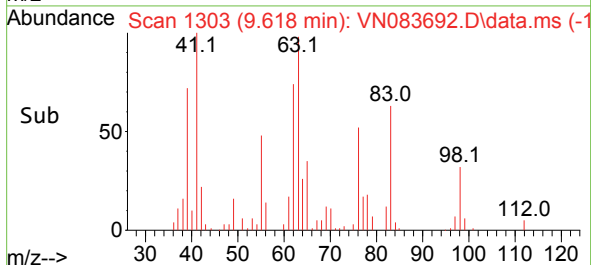
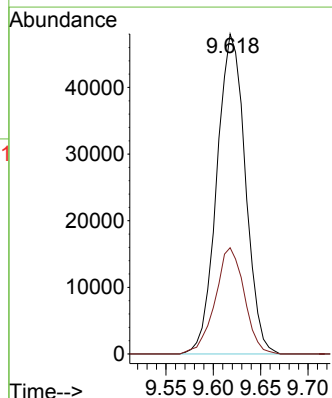
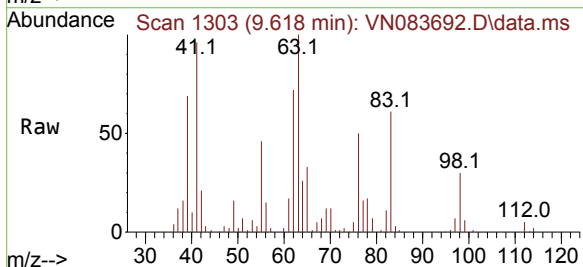
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

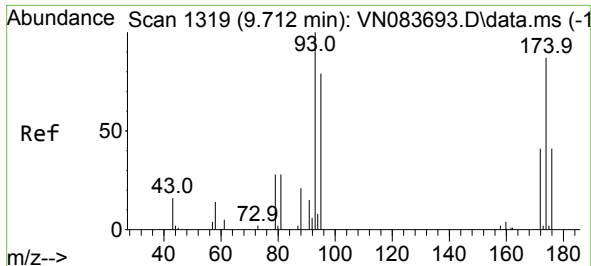
Tgt Ion: 83 Resp: 168966
Ion Ratio Lower Upper
83 100
55 77.5 36.6 109.9
98 48.5 23.8 71.5



#39
1,2-Dichloropropane
Concen: 47.639 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 63 Resp: 100678
Ion Ratio Lower Upper
63 100
65 33.2 25.0 37.4

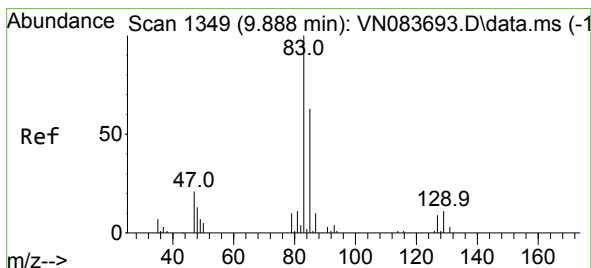
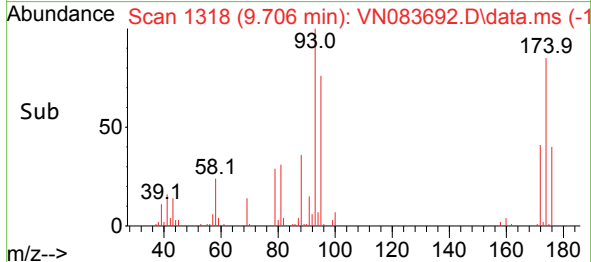
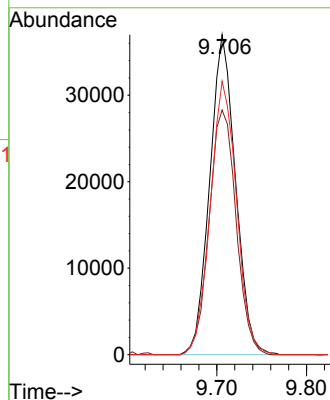
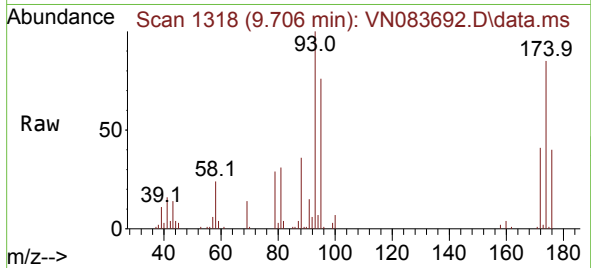




#40
Dibromomethane
Concen: 47.803 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

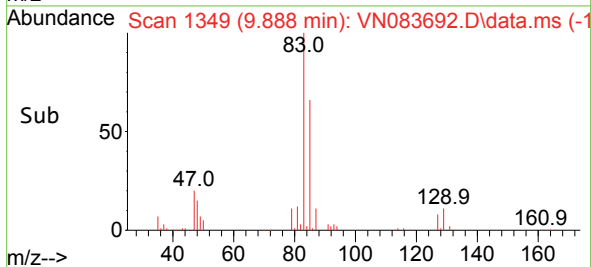
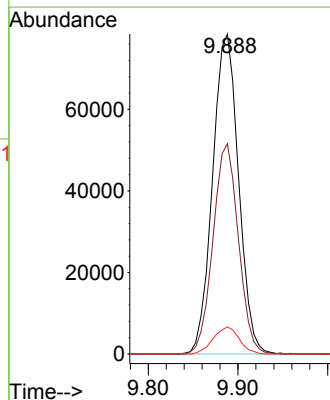
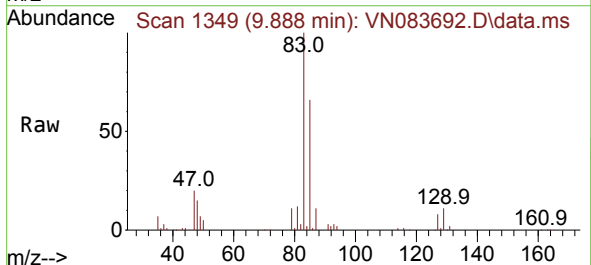
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

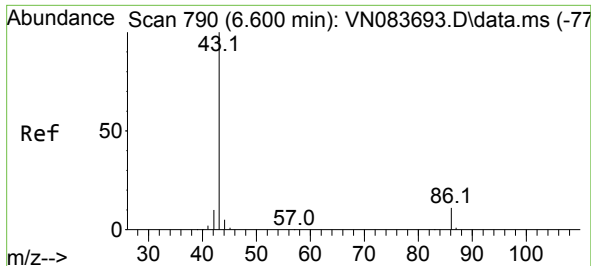
Tgt Ion: 93 Resp: 73868
Ion Ratio Lower Upper
93 100
95 79.8 0.0 164.6
174 87.0 0.0 193.2



#41
Bromodichloromethane
Concen: 47.950 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 83 Resp: 157563
Ion Ratio Lower Upper
83 100
85 65.7 49.4 74.2
127 8.5 7.3 10.9

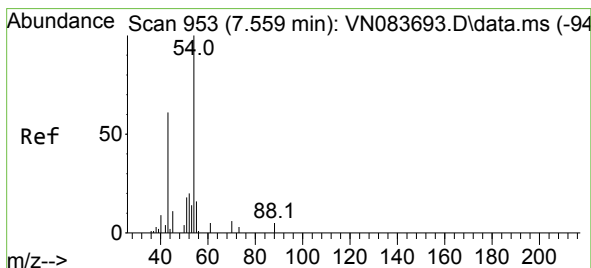
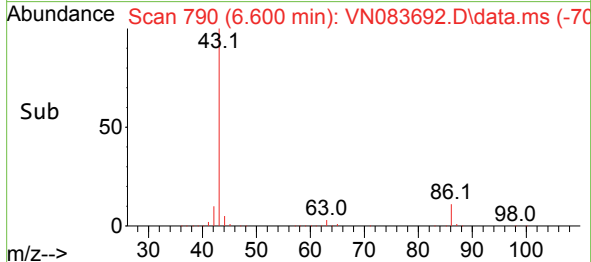
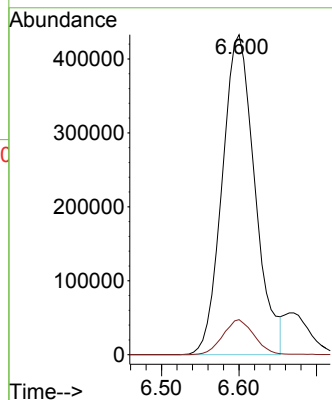
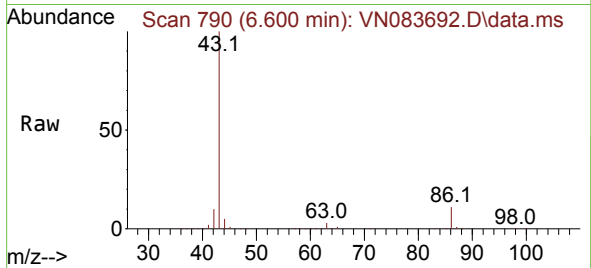




#42
 Vinyl Acetate
 Concen: 223.883 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

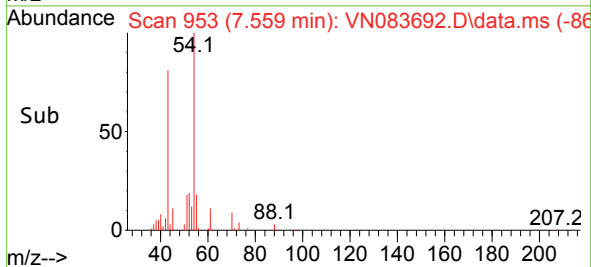
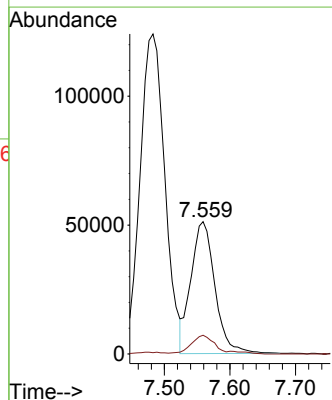
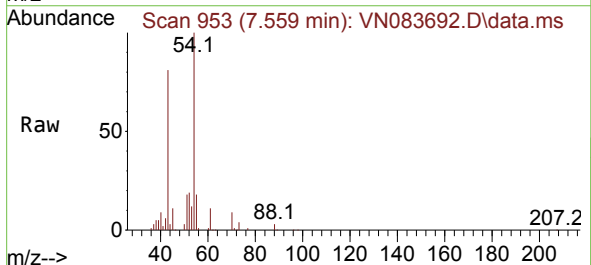
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

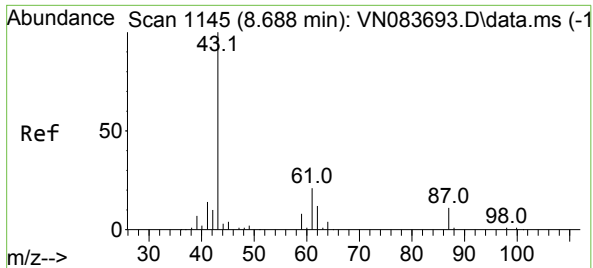
Tgt Ion: 43 Resp: 1269865
 Ion Ratio Lower Upper
 43 100
 86 10.4 9.4 14.2



#43
 Ethyl Acetate
 Concen: 47.013 ug/l
 RT: 7.559 min Scan# 953
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

Tgt Ion: 43 Resp: 130541
 Ion Ratio Lower Upper
 43 100
 45 12.1 10.6 15.8

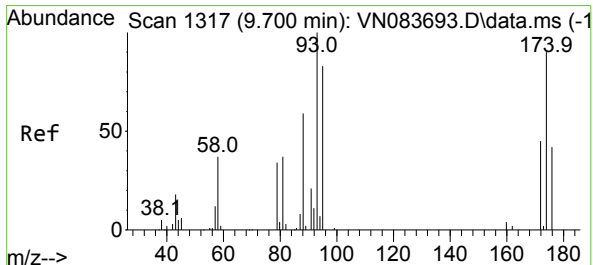
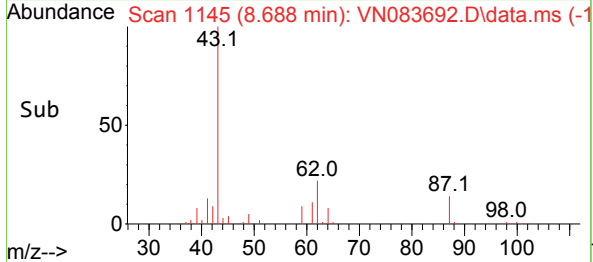
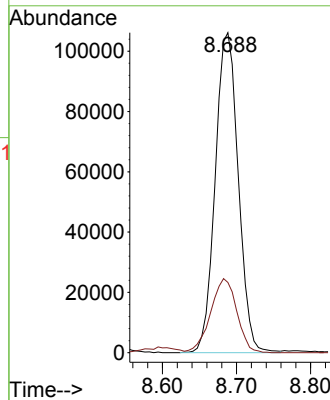
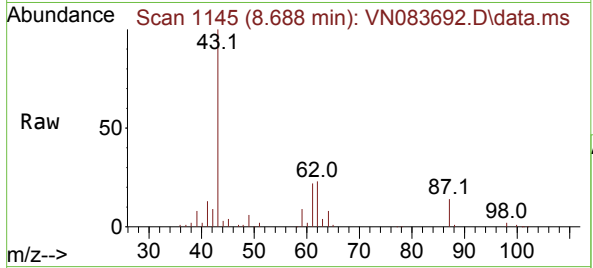




#44
Isopropyl Acetate
Concen: 47.761 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

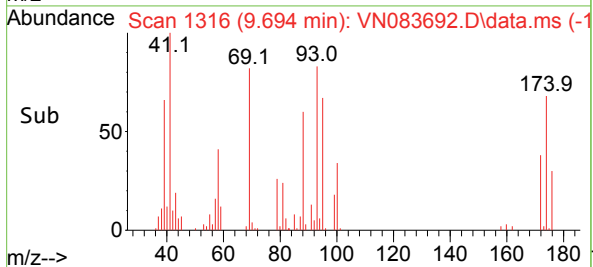
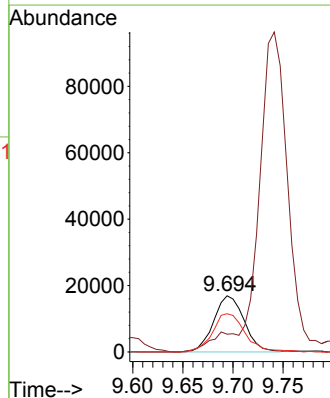
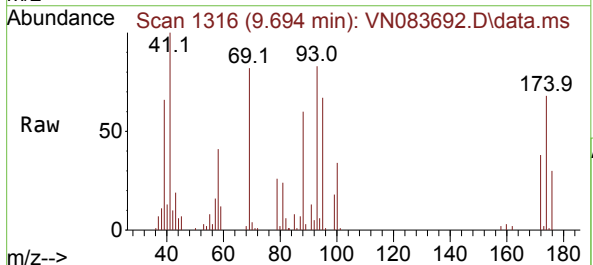
Instrument :
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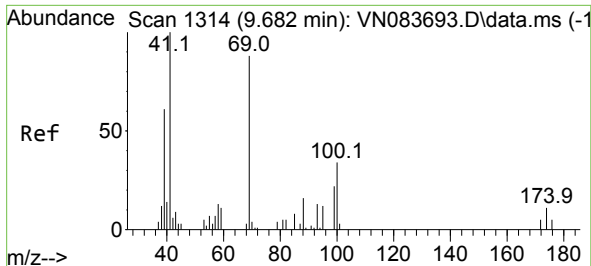
Tgt Ion: 43 Resp: 229379
Ion Ratio Lower Upper
43 100
61 26.3 25.0 37.4



#45
1,4-Dioxane
Concen: 956.571 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 88 Resp: 35832
Ion Ratio Lower Upper
88 100
43 33.0 19.8 29.6#
58 72.6 55.4 83.0

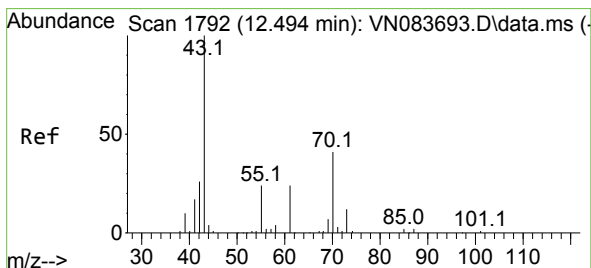
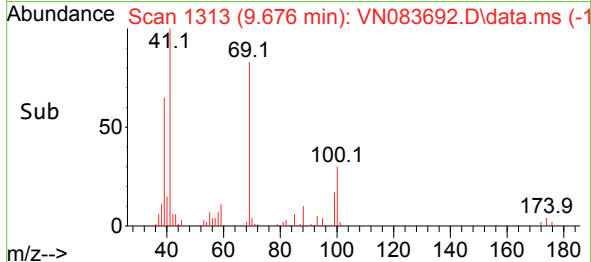
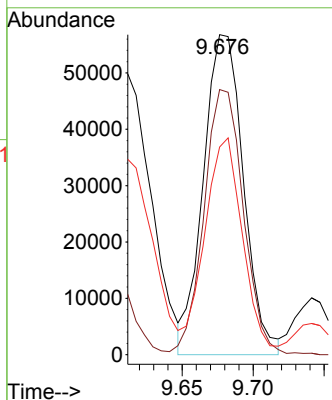
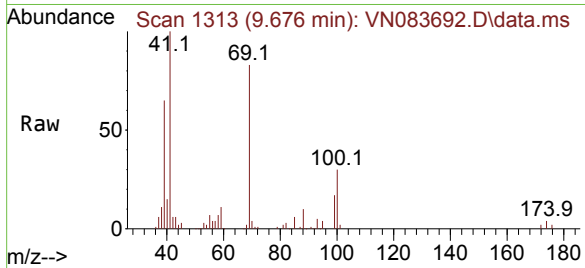




#46
Methyl methacrylate
Concen: 47.980 ug/l
RT: 9.676 min Scan# 111533
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

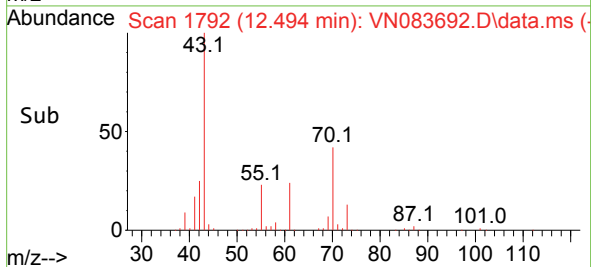
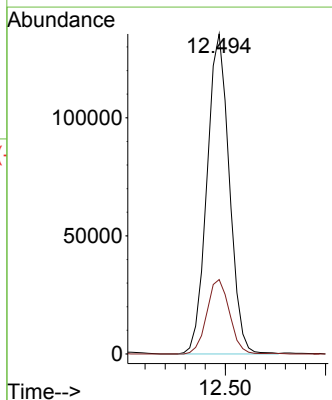
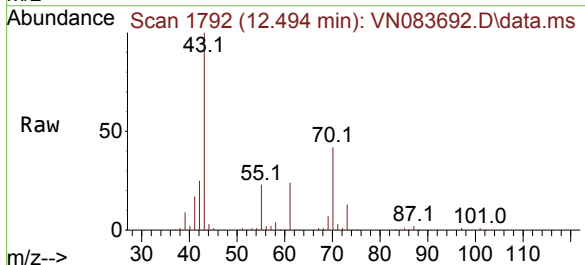
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

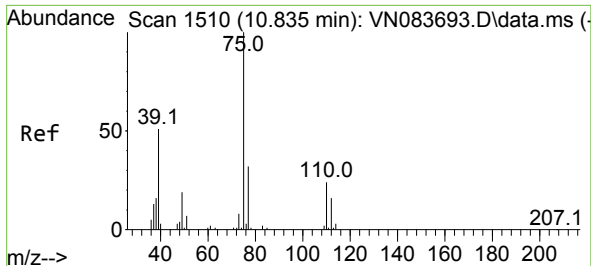
Tgt Ion: 41 Resp: 111533
Ion Ratio Lower Upper
41 100
69 85.4 51.1 153.3
39 65.5 25.8 77.3



#47
n-amy1 Acetate
Concen: 49.301 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 43 Resp: 209735
Ion Ratio Lower Upper
43 100
55 23.6 23.4 35.2

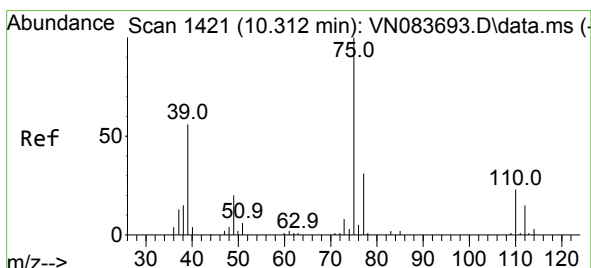
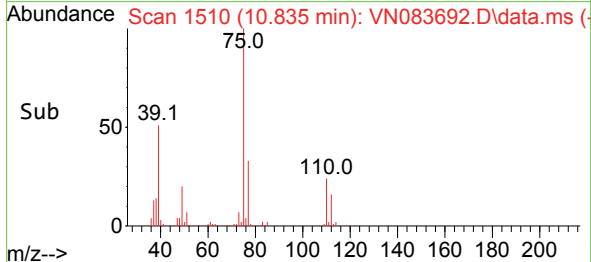
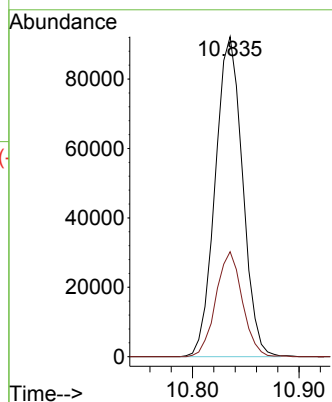
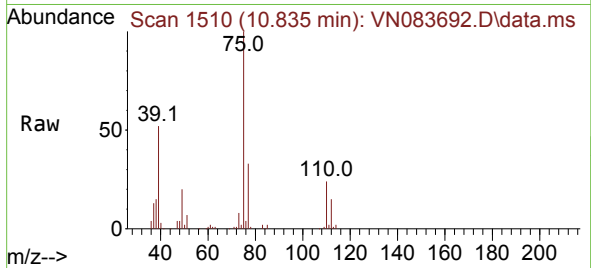




#48
t-1,3-Dichloropropene
Concen: 47.515 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

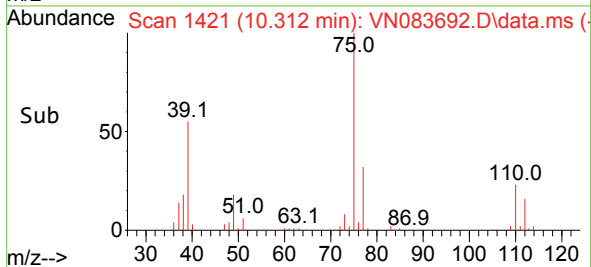
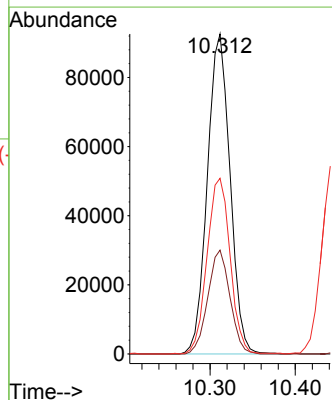
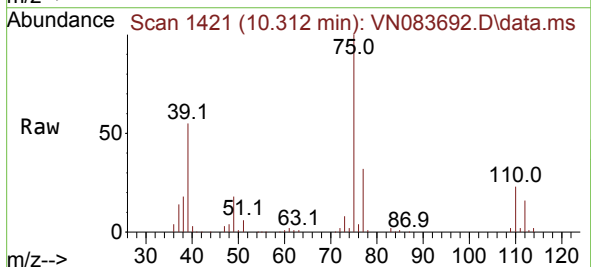
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

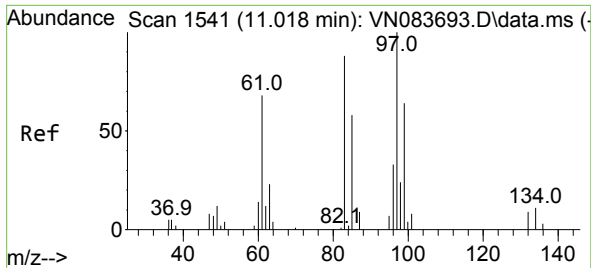
Tgt Ion: 75 Resp: 164230
Ion Ratio Lower Upper
75 100
77 32.8 23.8 35.6



#49
cis-1,3-Dichloropropene
Concen: 47.625 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 75 Resp: 171193
Ion Ratio Lower Upper
75 100
77 32.5 24.9 37.3
39 54.9 31.0 46.6#

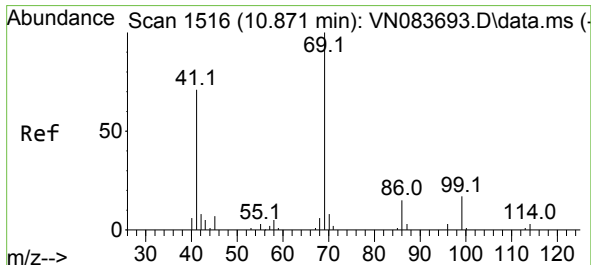
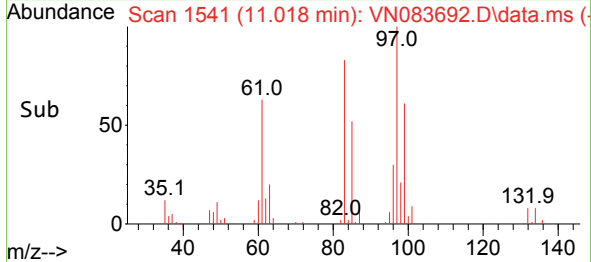
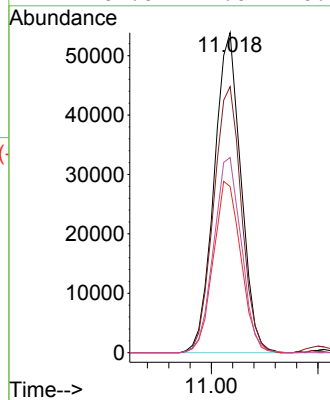
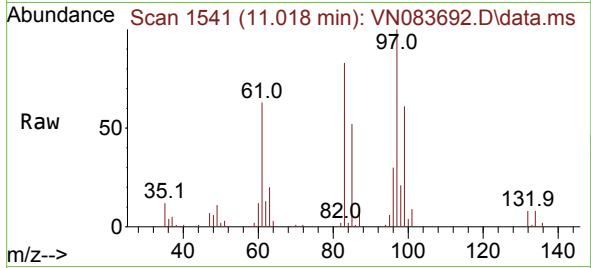




#50
1,1,2-Trichloroethane
Concen: 47.818 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

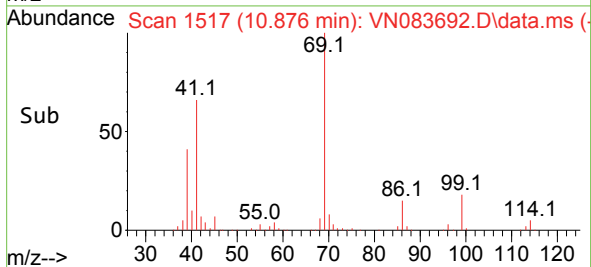
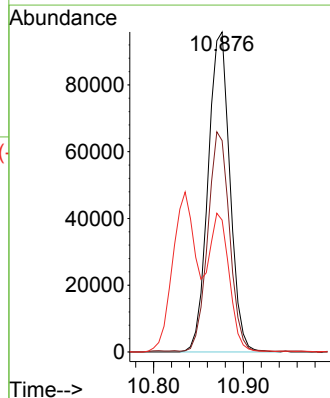
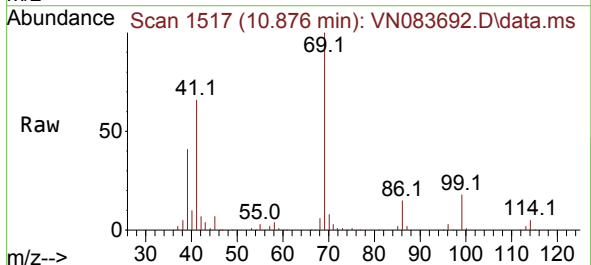
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

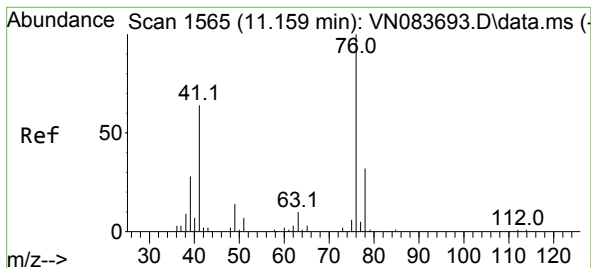
Tgt Ion:	97	Resp:	94024
Ion	Ratio	Lower	Upper
97	100		
83	83.1	68.1	102.1
85	51.9	41.8	62.6
99	61.0	47.0	70.4



#51
Ethyl methacrylate
Concen: 48.091 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:	69	Resp:	161552
Ion	Ratio	Lower	Upper
69	100		
41	65.8	25.5	76.5
39	41.0	16.0	47.9





#52

1,3-Dichloropropane

Concen: 47.331 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

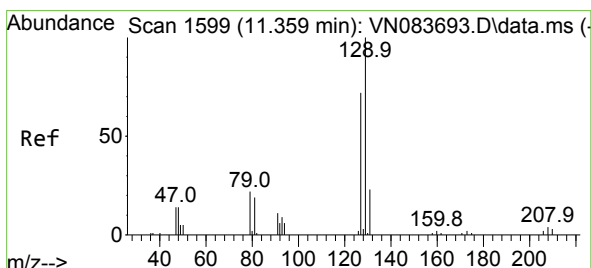
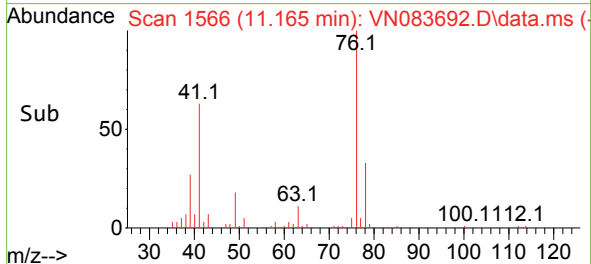
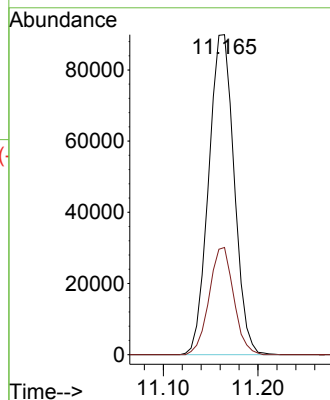
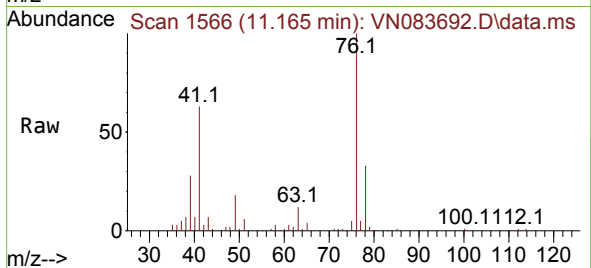
VSTDICC050

Tgt Ion: 76 Resp: 168067

Ion Ratio Lower Upper

76 100

78 32.2 0.0 65.8



#53

Dibromochloromethane

Concen: 48.475 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN083692.D

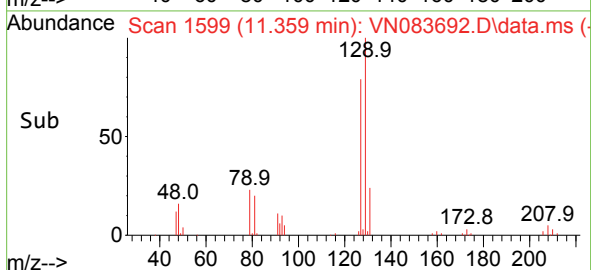
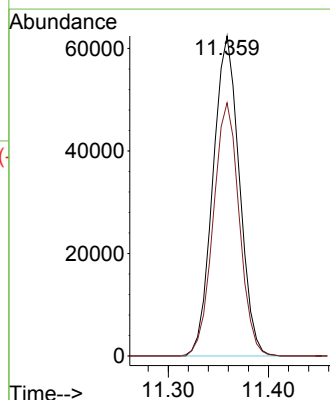
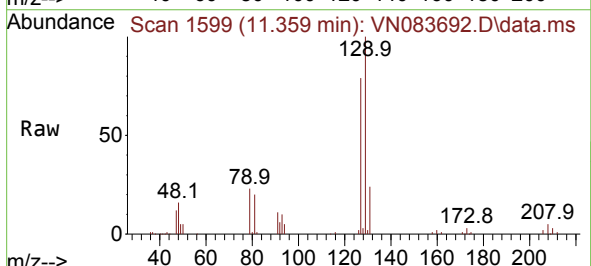
Acq: 06 Sep 2024 12:46

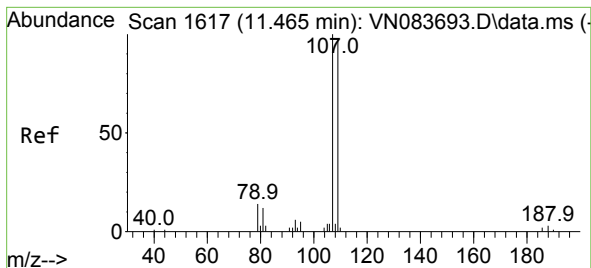
Tgt Ion: 129 Resp: 114327

Ion Ratio Lower Upper

129 100

127 77.8 39.4 118.1





#54

1,2-Dibromoethane

Concen: 47.345 ug/l

RT: 11.470 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

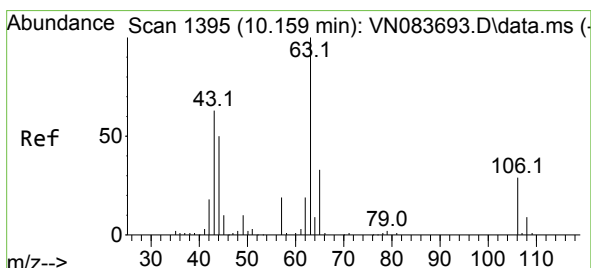
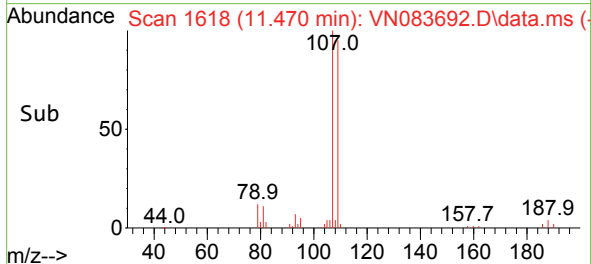
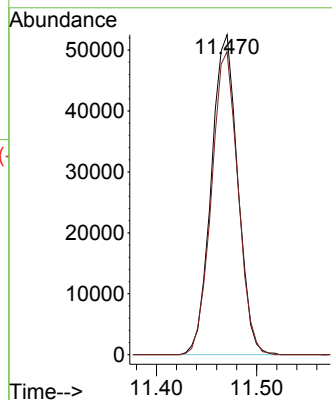
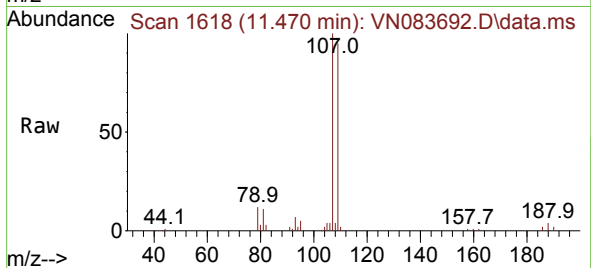
VSTDICC050

Tgt Ion:107 Resp: 96308

Ion Ratio Lower Upper

107 100

109 94.7 74.7 112.1



#55

2-Chloroethyl vinyl ether

Concen: 226.464 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

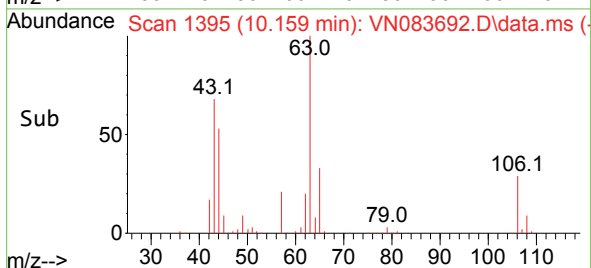
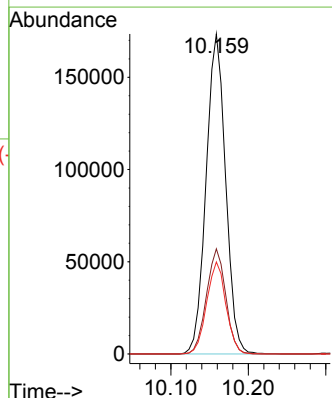
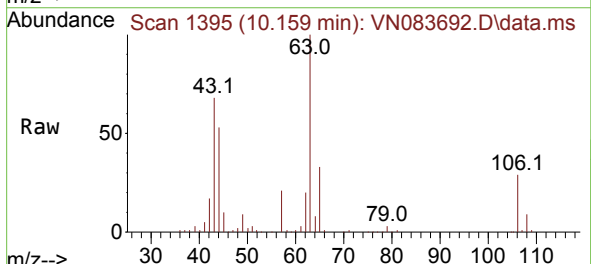
Tgt Ion: 63 Resp: 303185

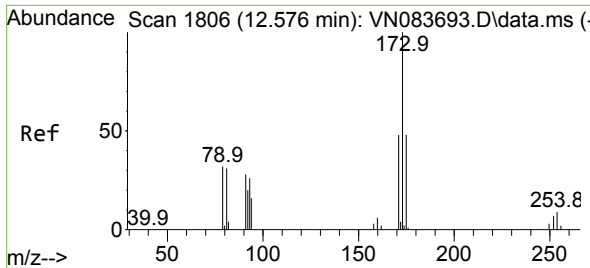
Ion Ratio Lower Upper

63 100

65 32.5 26.2 39.2

106 28.4 23.8 35.8

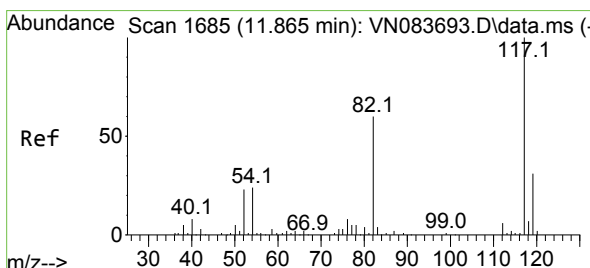
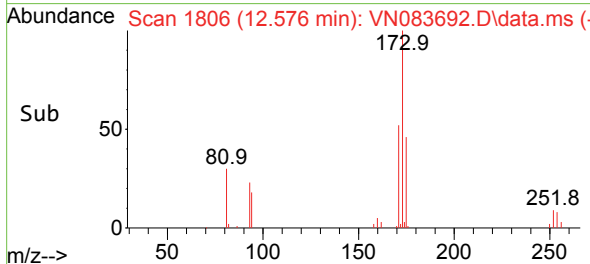
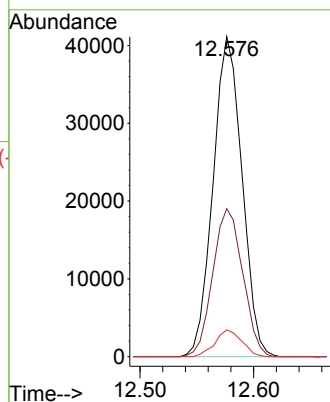
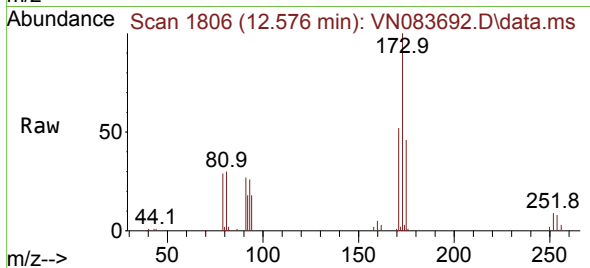




#56
Bromoform
Concen: 48.608 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

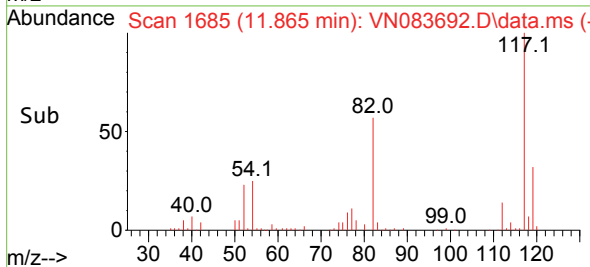
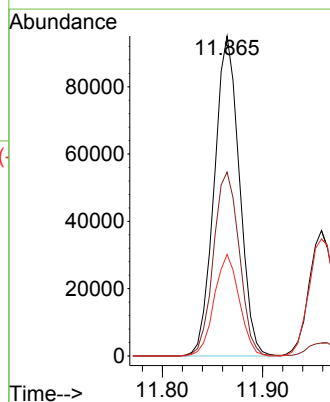
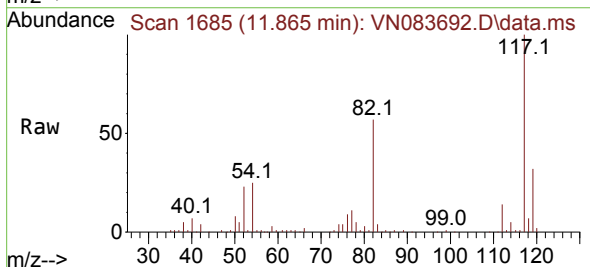
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

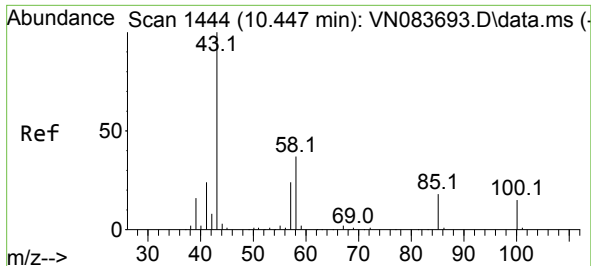
Tgt Ion:173 Resp: 72832
Ion Ratio Lower Upper
173 100
175 47.8 40.0 60.0
254 7.8 8.3 12.5#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:117 Resp: 165492
Ion Ratio Lower Upper
117 100
82 59.1 46.6 69.8
119 31.6 25.4 38.2

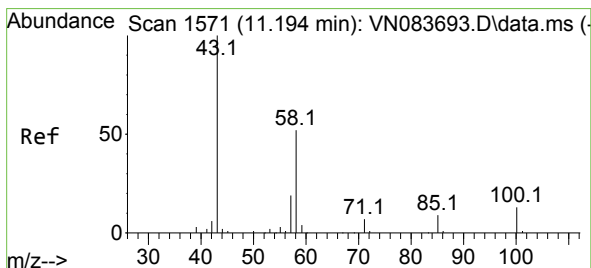
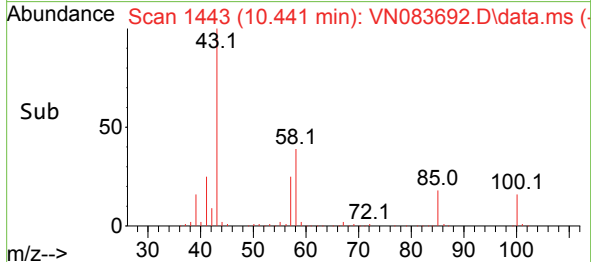
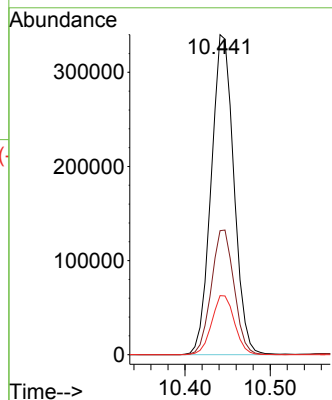
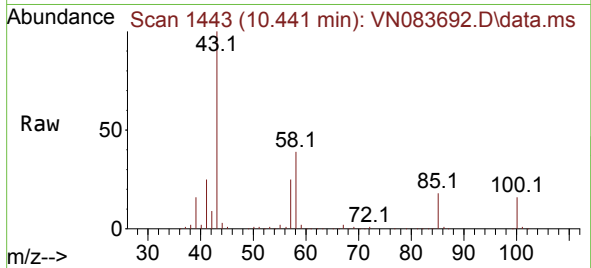




#58
4-Methyl-2-Pentanone
Concen: 239.462 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

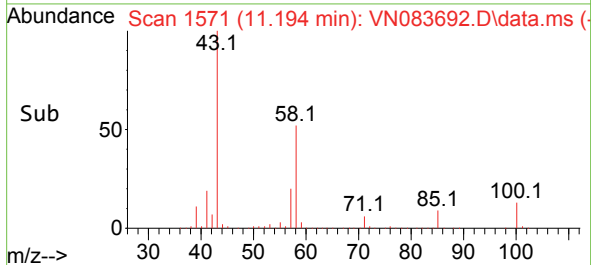
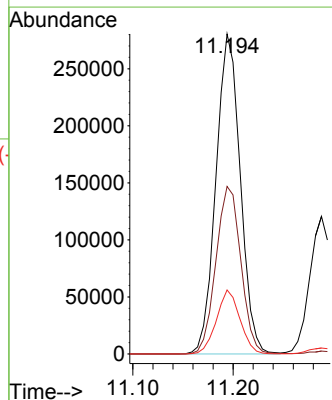
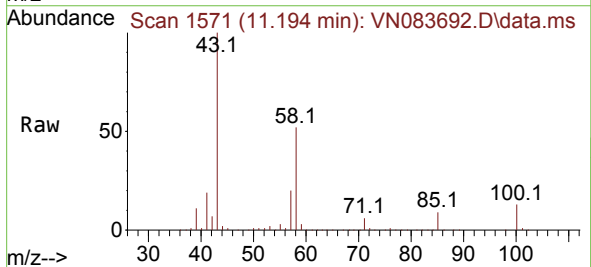
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

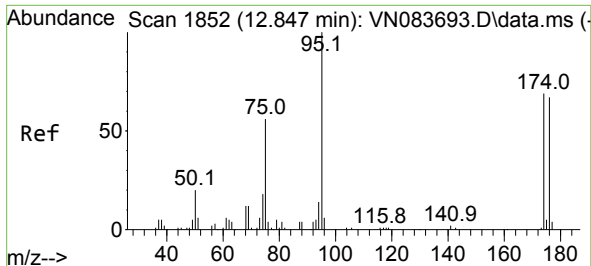
Tgt Ion: 43 Resp: 628368
Ion Ratio Lower Upper
43 100
58 39.2 36.5 54.7
85 18.5 19.5 29.3#



#59
2-Hexanone
Concen: 238.463 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 43 Resp: 472821
Ion Ratio Lower Upper
43 100
58 53.7 50.4 75.6
57 19.3 18.6 27.8

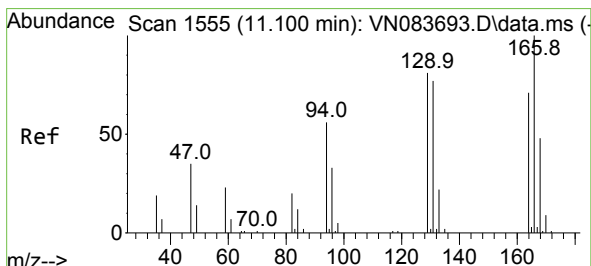
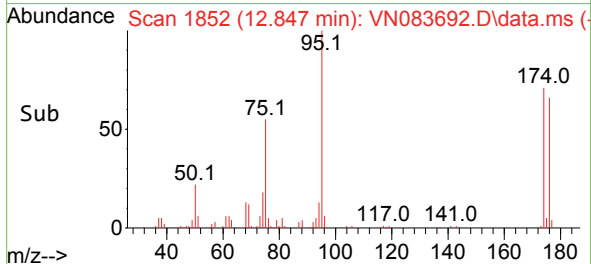
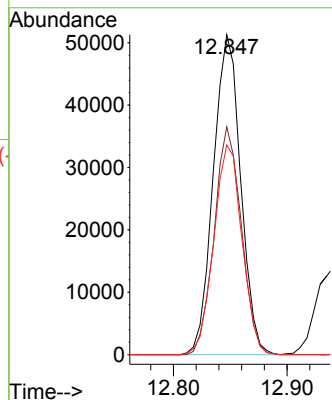
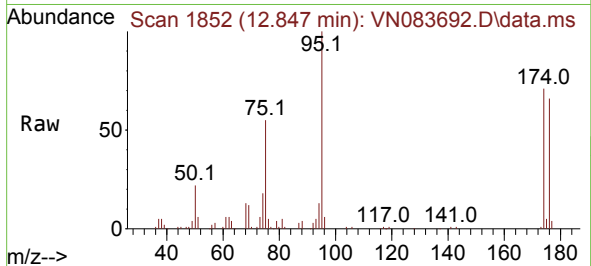




#60
4-Bromofluorobenzene
Concen: 30.095 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

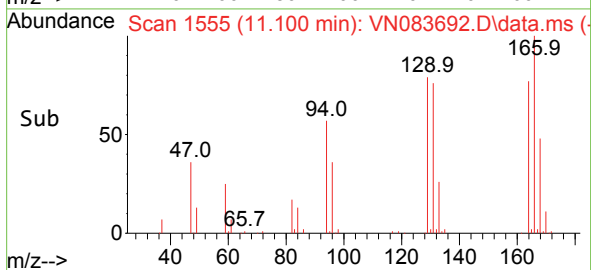
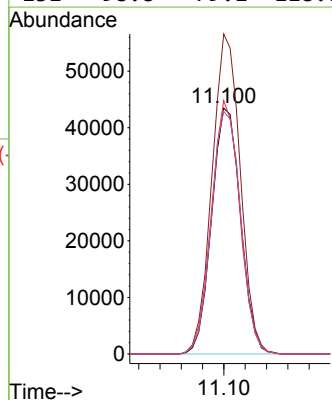
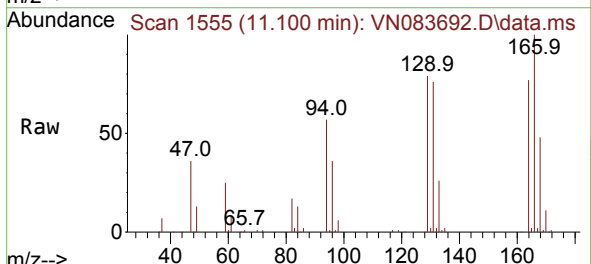
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

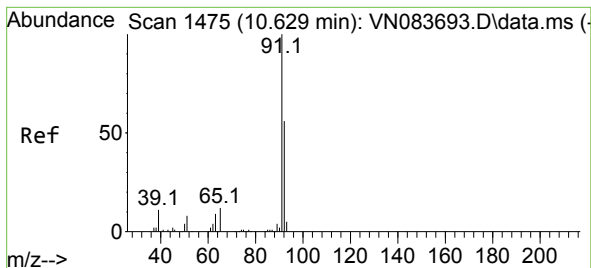
Tgt Ion: 95 Resp: 85838
Ion Ratio Lower Upper
95 100
174 70.4 60.5 90.7
176 67.6 57.8 86.6



#61
Tetrachloroethene
Concen: 46.589 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 164 Resp: 81597
Ion Ratio Lower Upper
164 100
166 130.2 106.7 160.1
129 103.0 85.8 128.6
131 98.8 79.1 118.7





#62

Toluene

Concen: 48.163 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

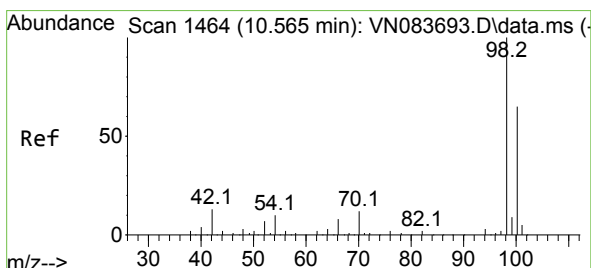
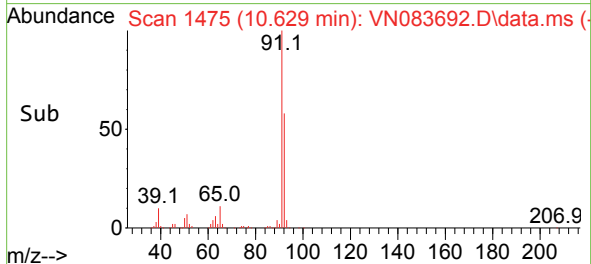
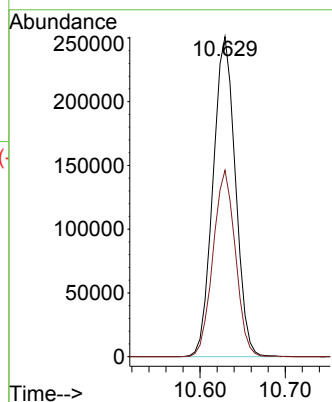
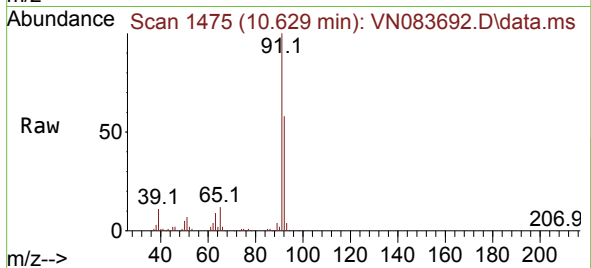
VSTDIC050

Tgt Ion: 91 Resp: 458137

Ion Ratio Lower Upper

91 100

92 58.3 46.5 69.7



#63

Toluene-d8

Concen: 29.834 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083692.D

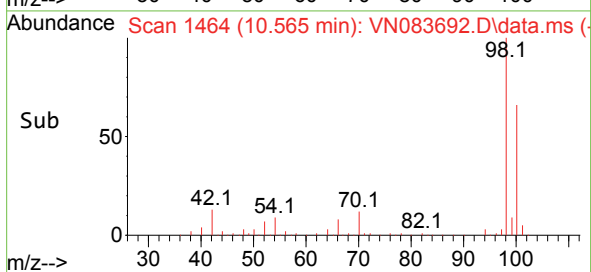
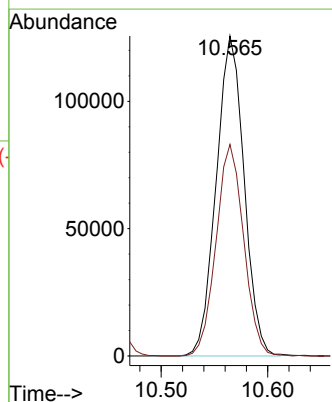
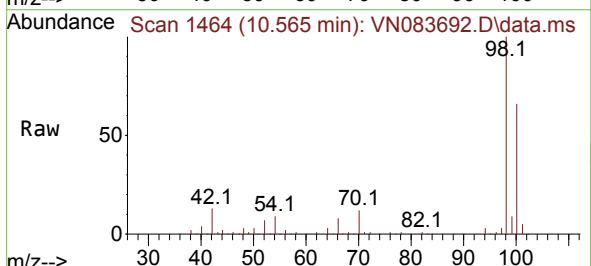
Acq: 06 Sep 2024 12:46

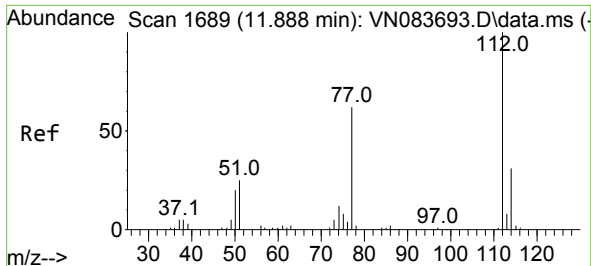
Tgt Ion: 98 Resp: 228618

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1

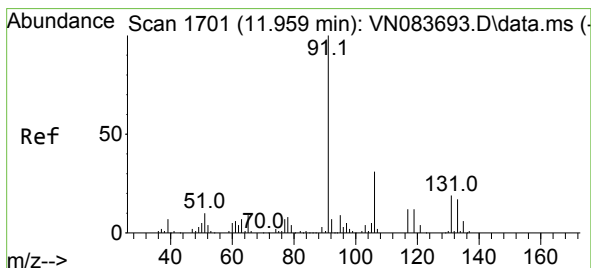
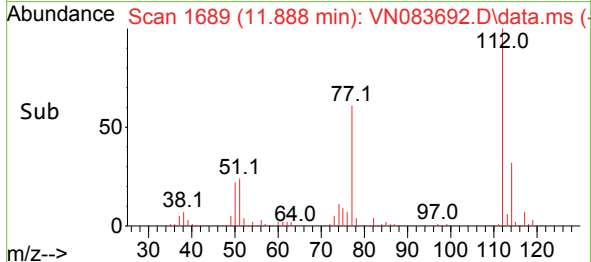
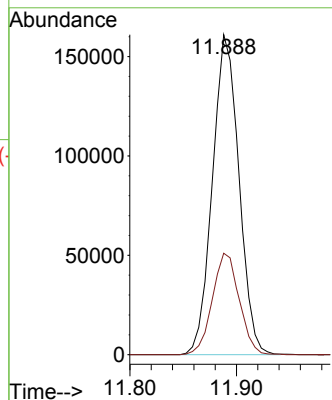
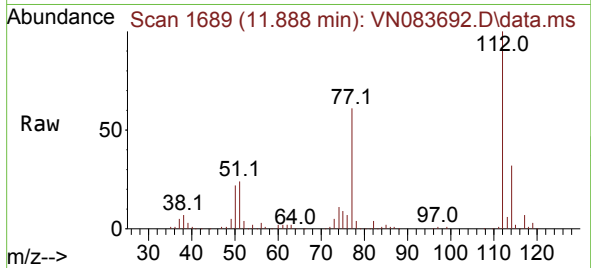




#64
Chlorobenzene
Concen: 47.203 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

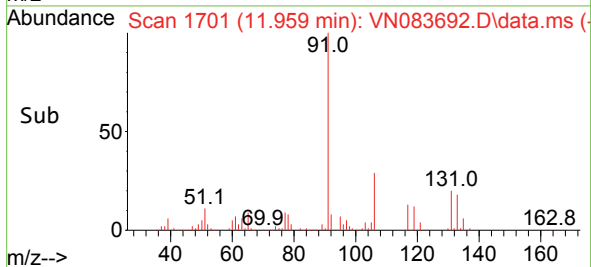
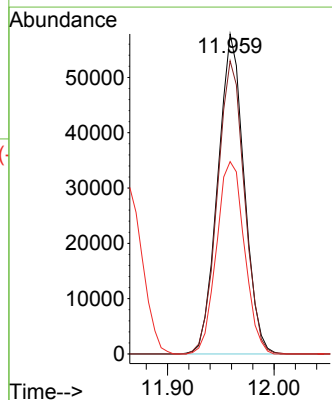
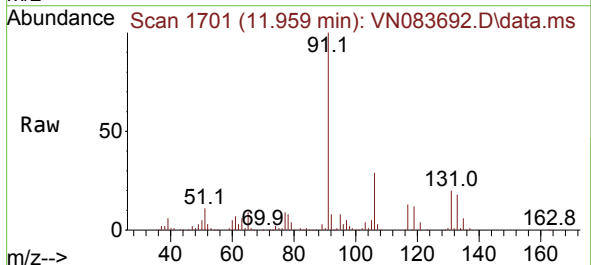
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

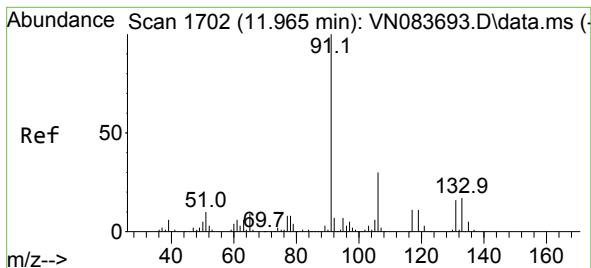
Tgt Ion:112 Resp: 277997
Ion Ratio Lower Upper
112 100
114 31.7 26.6 39.8



#65
1,1,1,2-Tetrachloroethane
Concen: 48.424 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:131 Resp: 99347
Ion Ratio Lower Upper
131 100
133 94.1 0.0 188.0
119 63.7 0.0 122.8

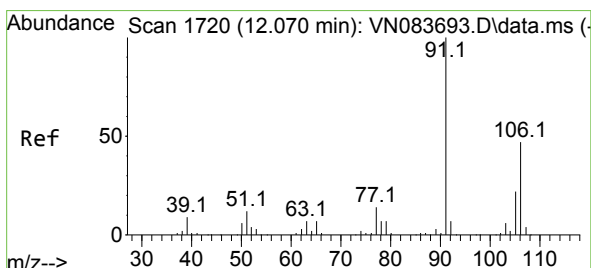
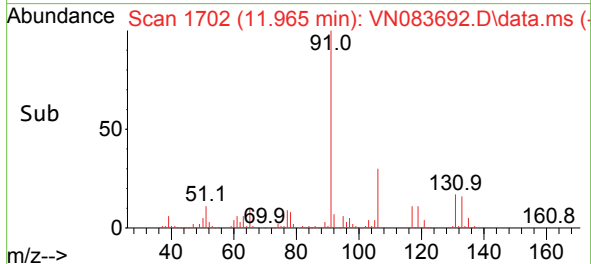
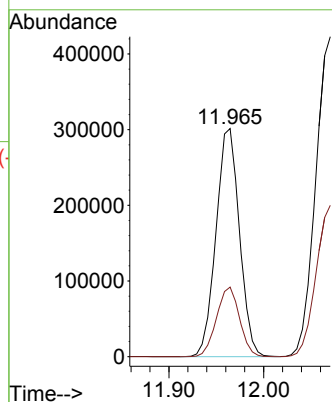
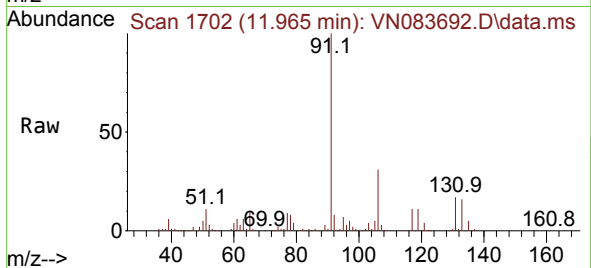




#66
Ethyl Benzene
Concen: 47.923 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

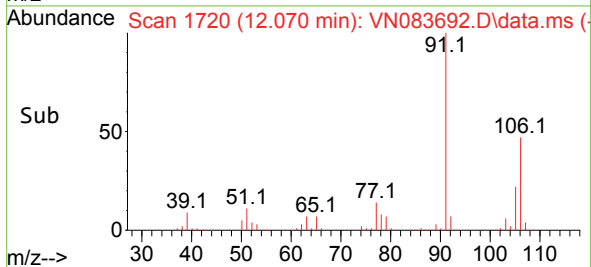
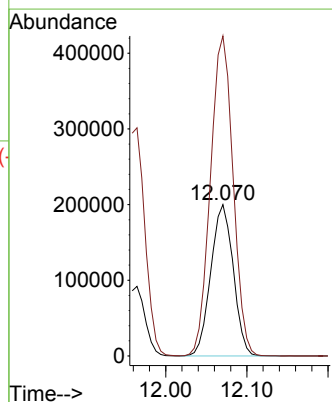
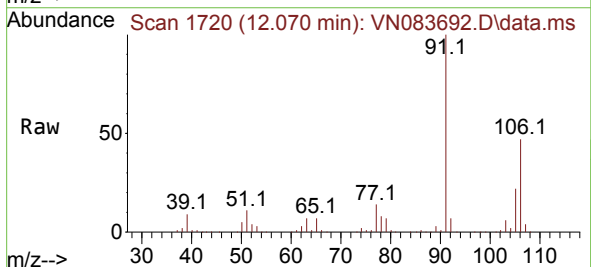
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

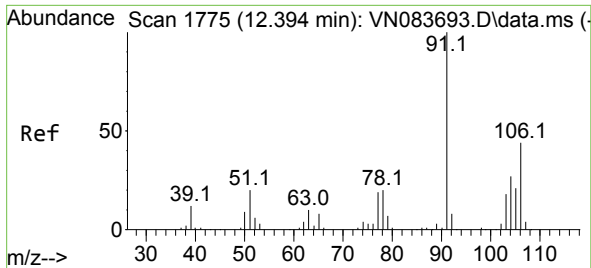
Tgt Ion: 91 Resp: 518395
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#67
m/p-Xylenes
Concen: 96.649 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:106 Resp: 384641
Ion Ratio Lower Upper
106 100
91 213.2 166.6 249.8

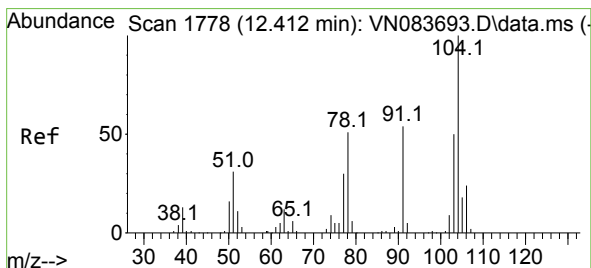
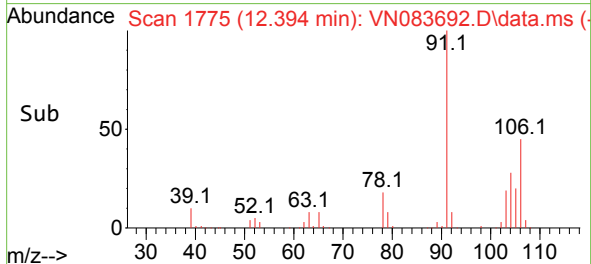
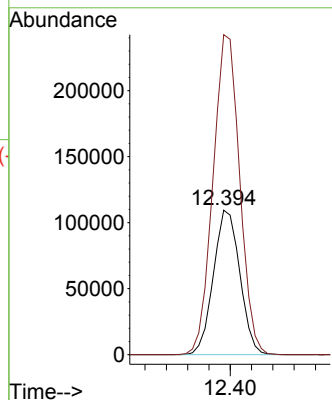
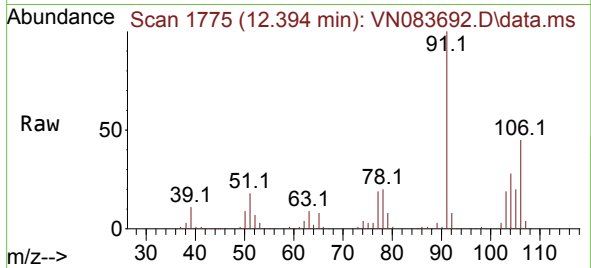




#68
o-Xylene
Concen: 48.905 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

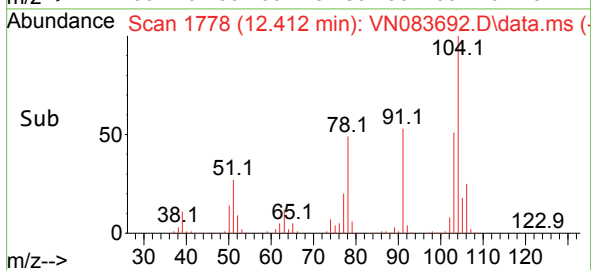
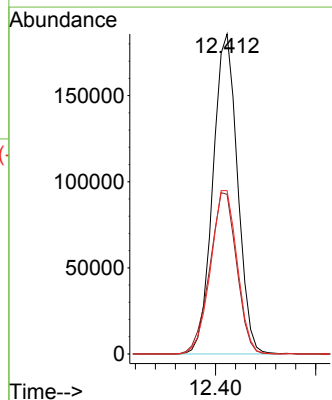
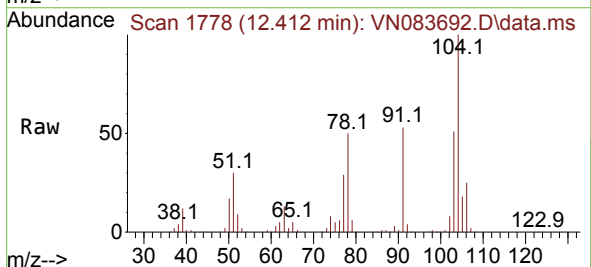
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

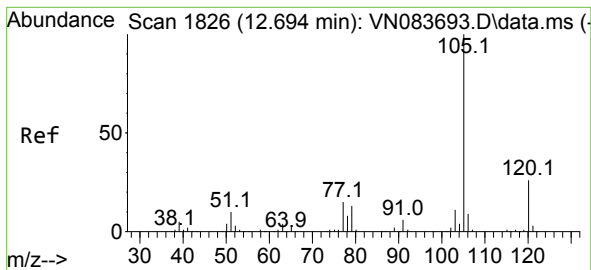
Tgt Ion:106 Resp: 188367
Ion Ratio Lower Upper
106 100
91 223.5 110.0 330.0



#69
Styrene
Concen: 48.608 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:104 Resp: 316348
Ion Ratio Lower Upper
104 100
78 55.0 42.6 64.0
103 55.3 43.7 65.5





#70

Isopropylbenzene

Concen: 49.081 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

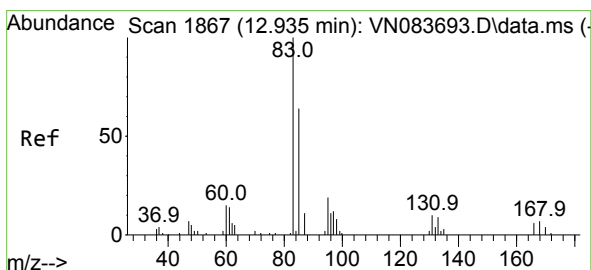
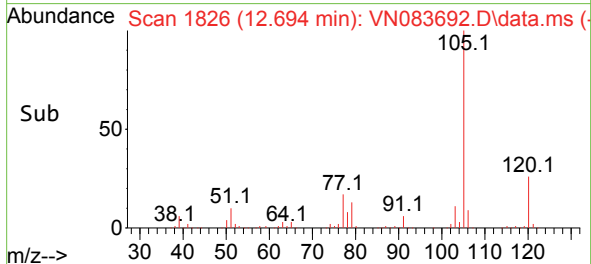
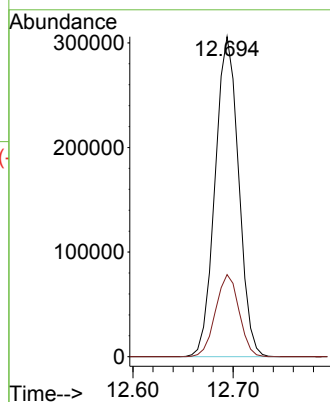
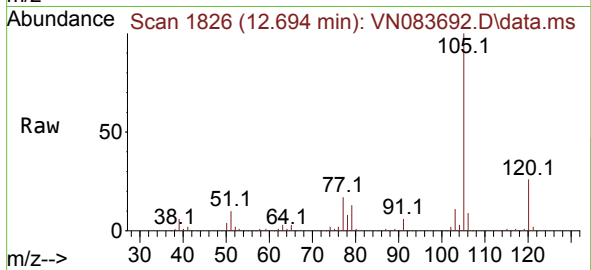
VSTDIC050

Tgt Ion:105 Resp: 498890

Ion Ratio Lower Upper

105 100

120 25.6 17.8 33.1



#71

1,1,2,2-Tetrachloroethane

Concen: 47.845 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

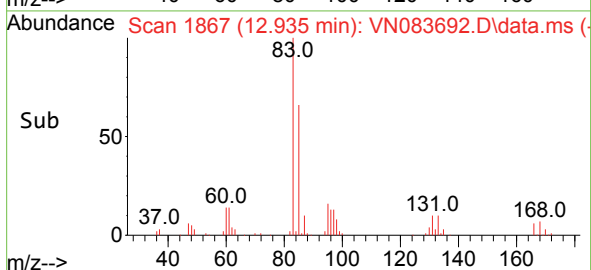
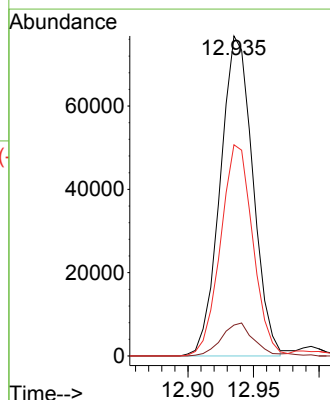
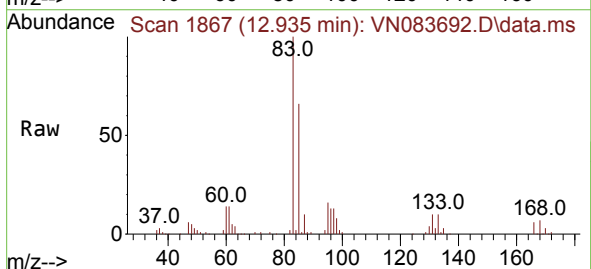
Tgt Ion: 83 Resp: 132828

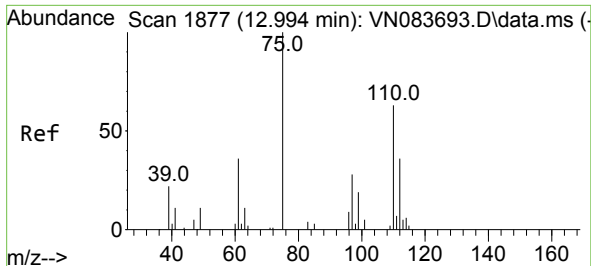
Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

85 65.4 32.3 96.8

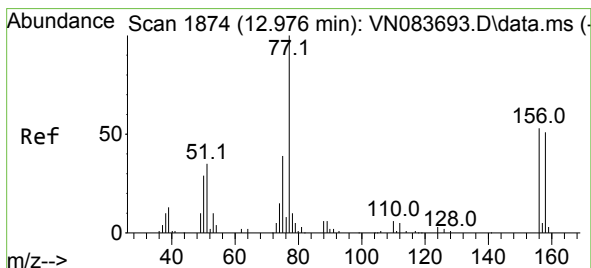
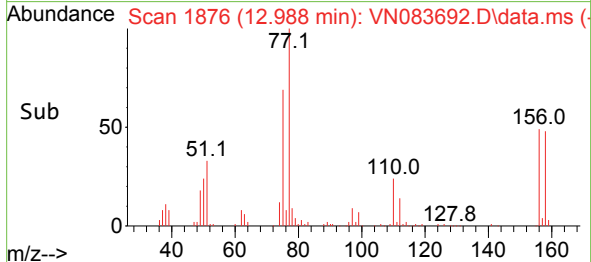
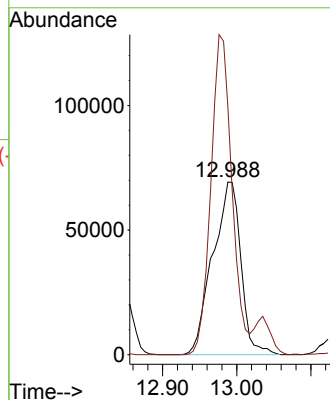
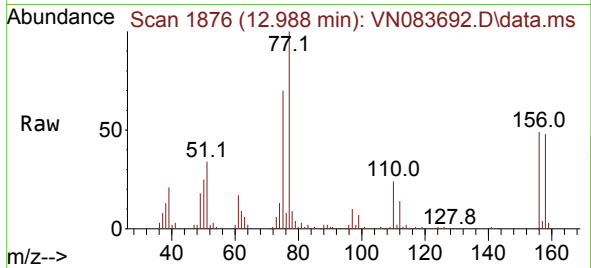




#72
1,2,3-Trichloropropane
Concen: 75.173 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

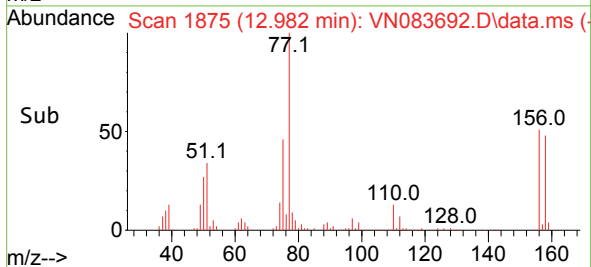
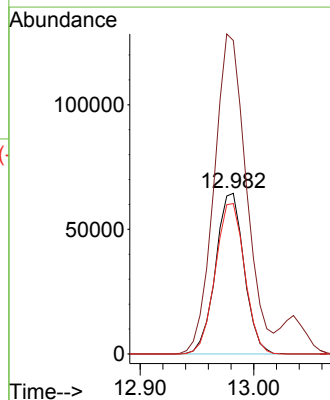
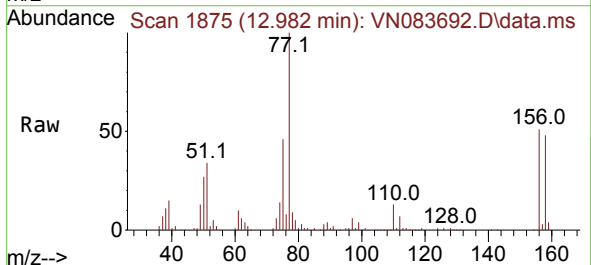
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

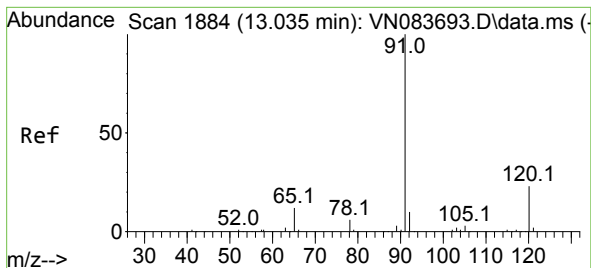
Tgt Ion: 75 Resp: 182621
Ion Ratio Lower Upper
75 100
77 139.0 0.0 367.6



#73
Bromobenzene
Concen: 48.209 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:156 Resp: 112553
Ion Ratio Lower Upper
156 100
77 225.5 0.0 437.6
158 96.3 0.0 203.8





#74

n-propylbenzene

Concen: 48.812 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

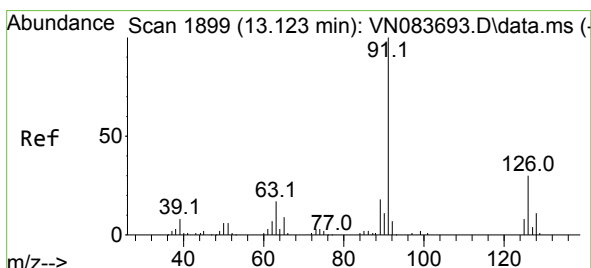
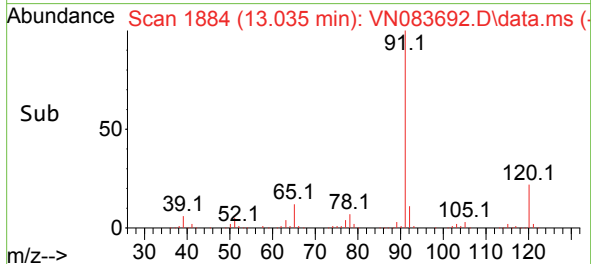
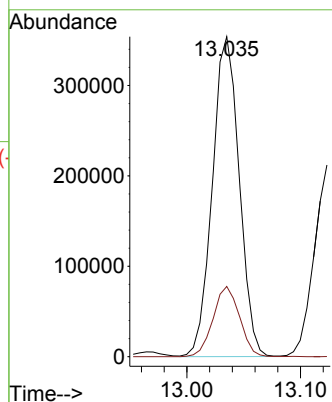
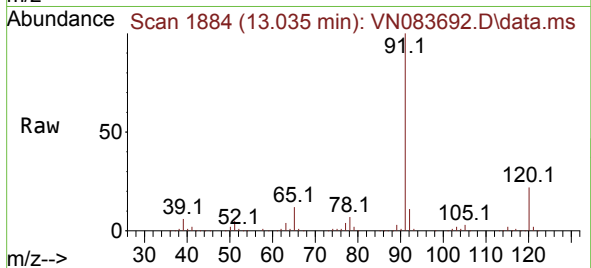
VSTDIC050

Tgt Ion: 91 Resp: 580804

Ion Ratio Lower Upper

91 100

120 21.6 0.0 43.8



#75

2-Chlorotoluene

Concen: 48.163 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN083692.D

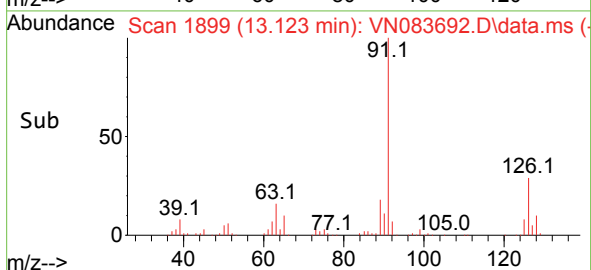
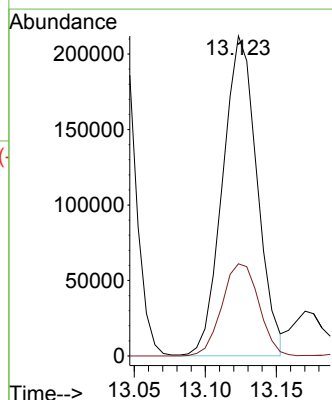
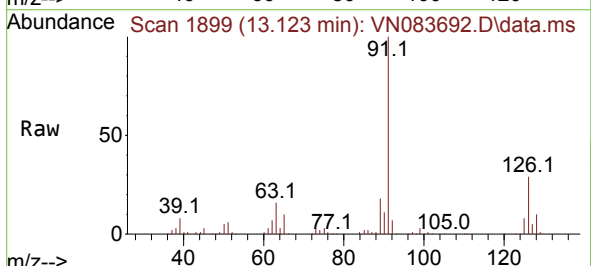
Acq: 06 Sep 2024 12:46

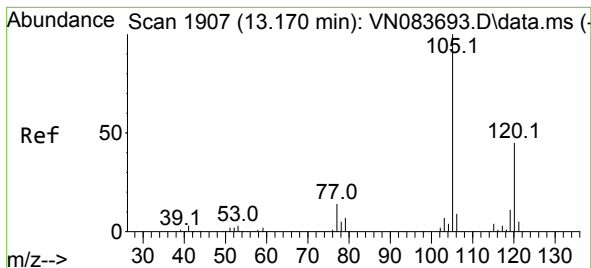
Tgt Ion: 91 Resp: 357678

Ion Ratio Lower Upper

91 100

126 30.8 0.0 61.2





#76

1,3,5-Trimethylbenzene

Concen: 49.426 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

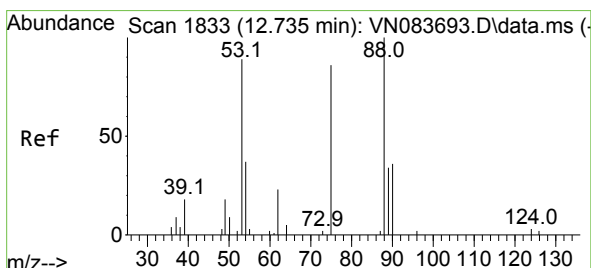
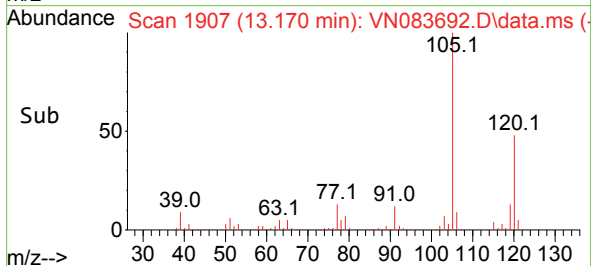
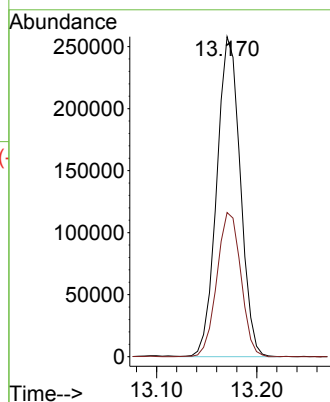
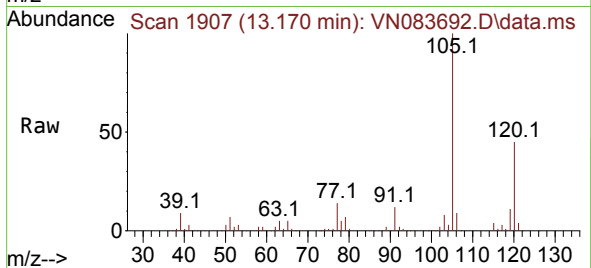
VSTDICC050

Tgt Ion:105 Resp: 419662

Ion Ratio Lower Upper

105 100

120 45.9 0.0 95.8



#77

t-1,4-Dichloro-2-butene

Concen: 48.224 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

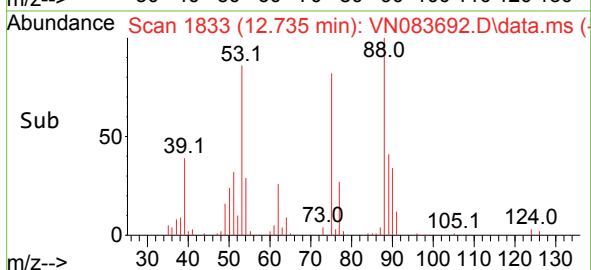
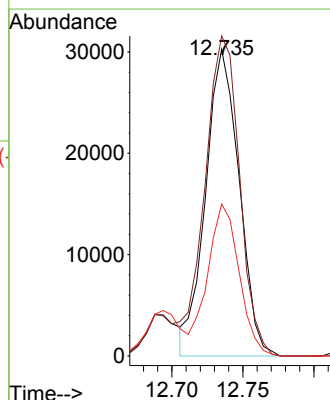
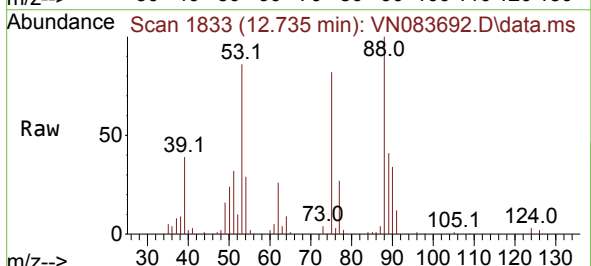
Tgt Ion: 75 Resp: 49615

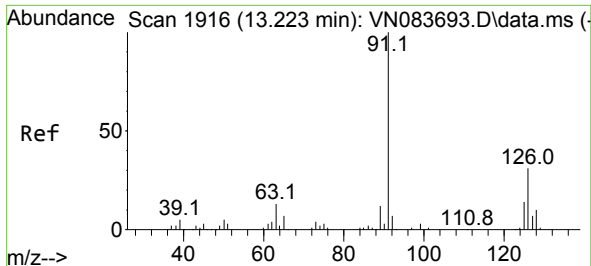
Ion Ratio Lower Upper

75 100

53 104.4 45.9 137.7

89 49.5 25.9 77.7

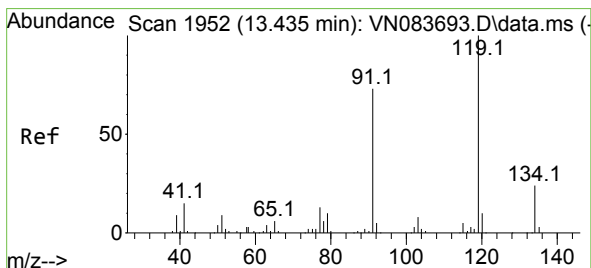
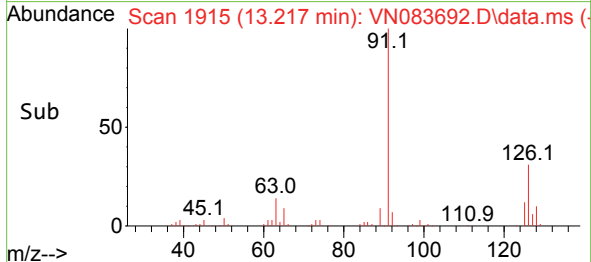
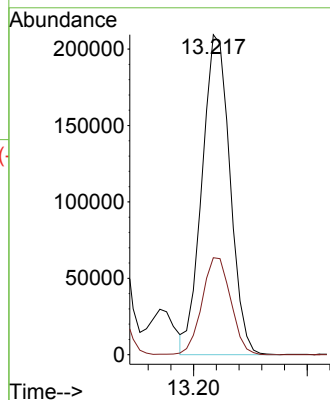
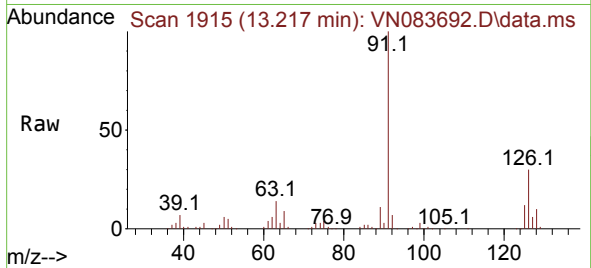




#78
4-Chlorotoluene
Concen: 47.550 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

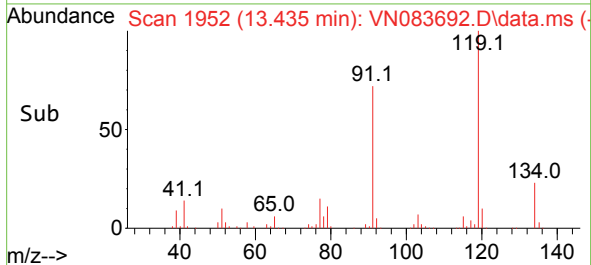
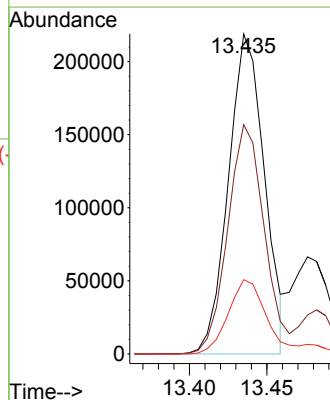
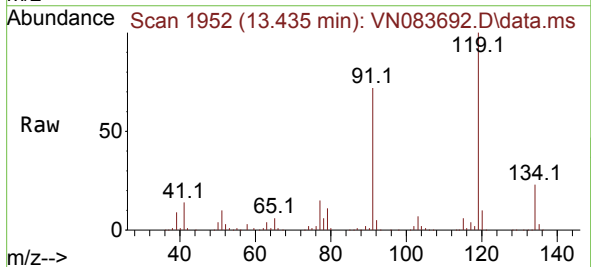
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

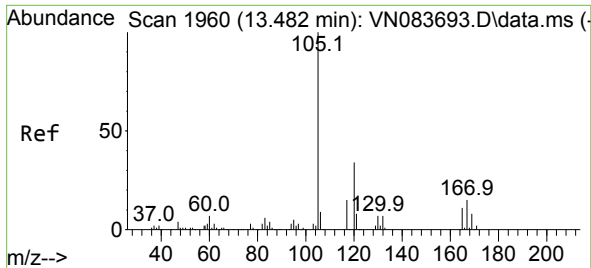
Tgt Ion: 91 Resp: 358117
Ion Ratio Lower Upper
91 100
126 31.1 0.0 62.8



#79
tert-butylbenzene
Concen: 47.626 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion: 119 Resp: 353609
Ion Ratio Lower Upper
119 100
91 73.0 0.0 138.8
134 24.6 0.0 48.6

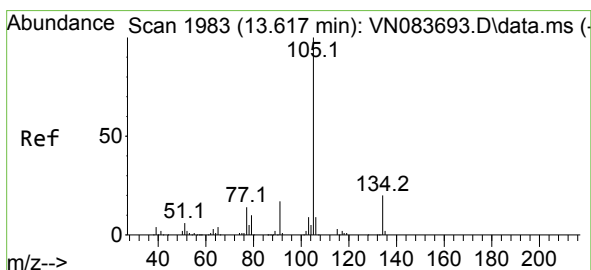
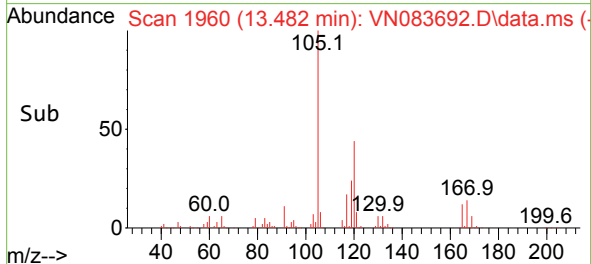
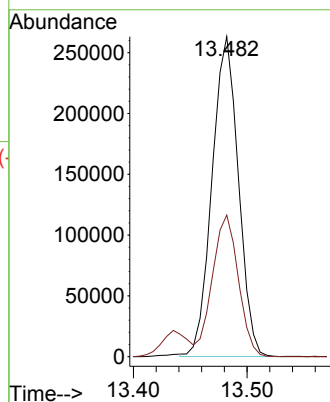
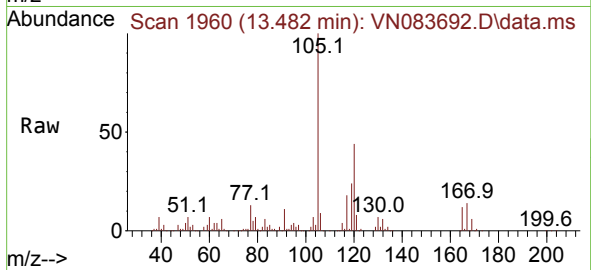




#80
1,2,4-Trimethylbenzene
Concen: 49.339 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

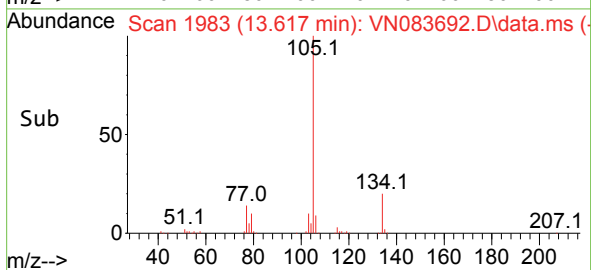
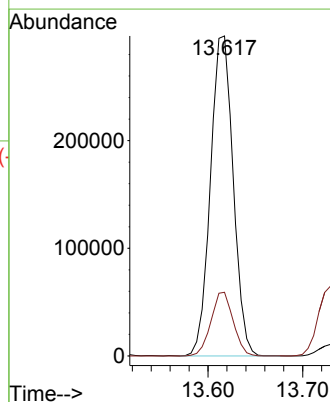
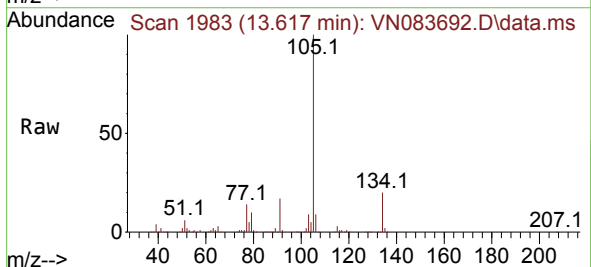
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

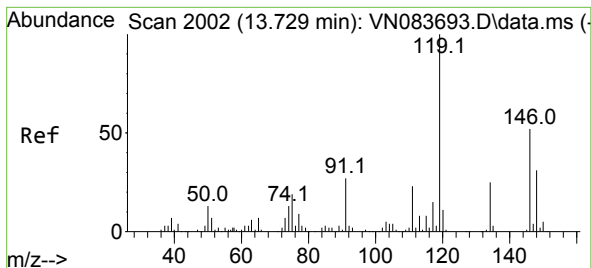
Tgt Ion:105 Resp: 423342
Ion Ratio Lower Upper
105 100
120 43.8 0.0 86.8



#81
sec-Butylbenzene
Concen: 48.897 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

Tgt Ion:105 Resp: 495951
Ion Ratio Lower Upper
105 100
134 19.4 0.0 39.0





#82

p-Isopropyltoluene

Concen: 49.262 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

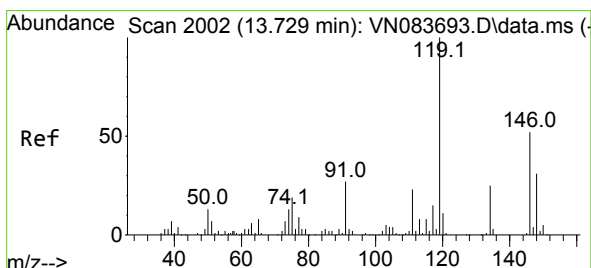
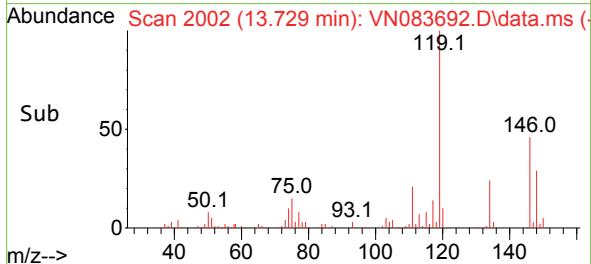
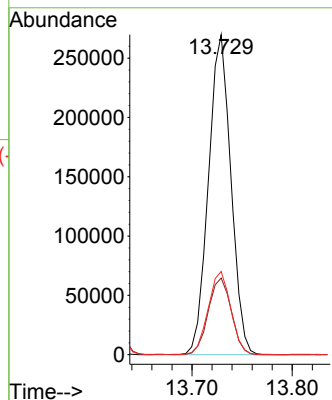
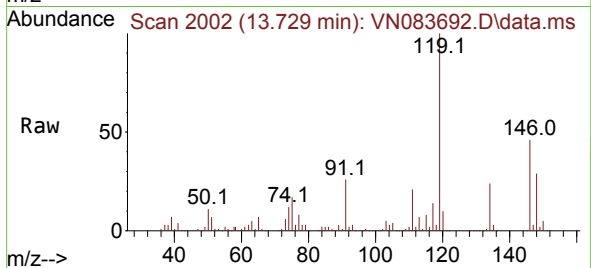
Tgt Ion:119 Resp: 420388

Ion Ratio Lower Upper

119 100

134 24.6 0.0 49.2

91 26.1 0.0 48.8



#83

1,3-Dichlorobenzene

Concen: 47.411 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

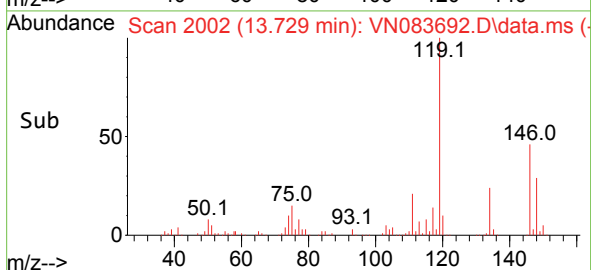
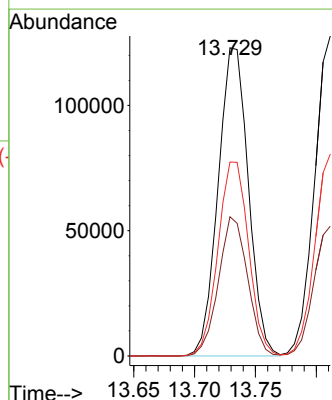
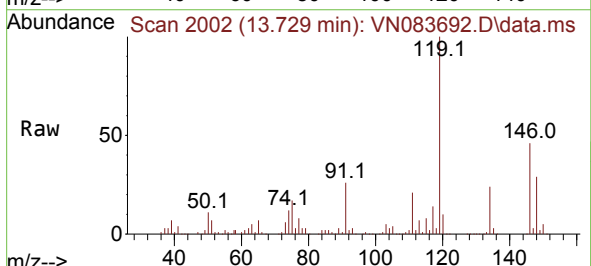
Tgt Ion:146 Resp: 213041

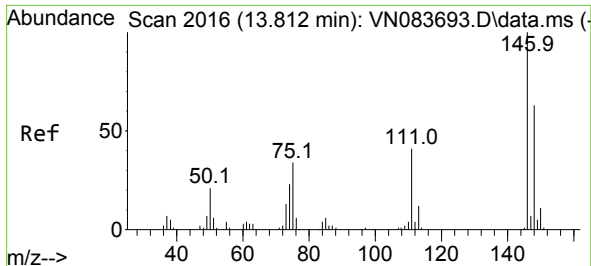
Ion Ratio Lower Upper

146 100

111 43.4 22.4 67.0

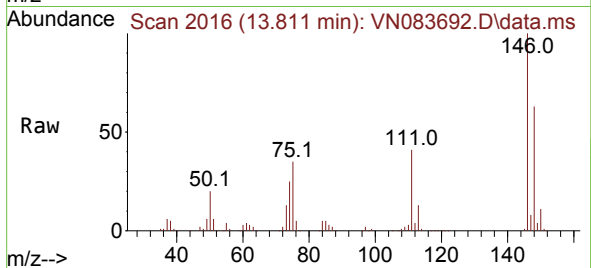
148 63.7 32.1 96.5



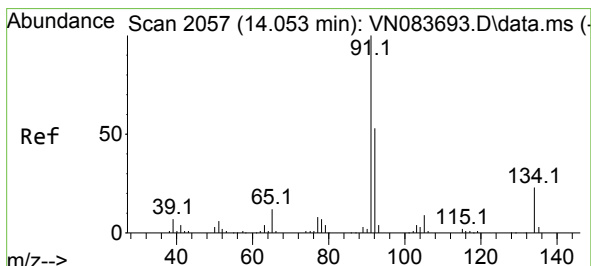
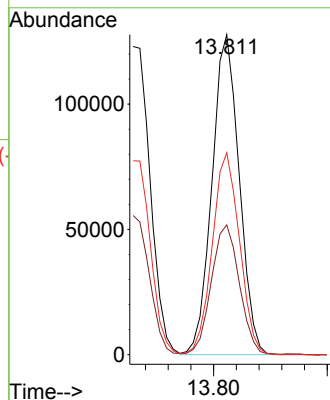
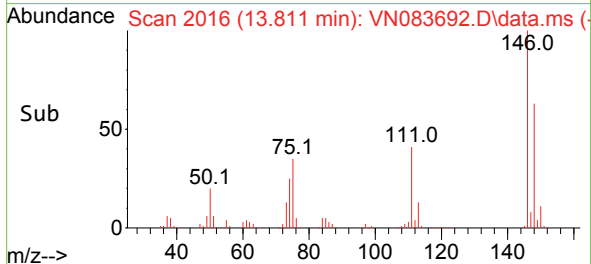


#84
1,4-Dichlorobenzene
Concen: 47.357 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46

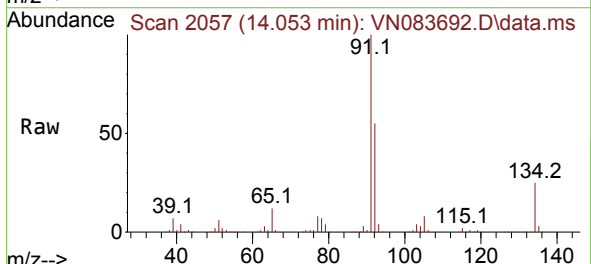
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



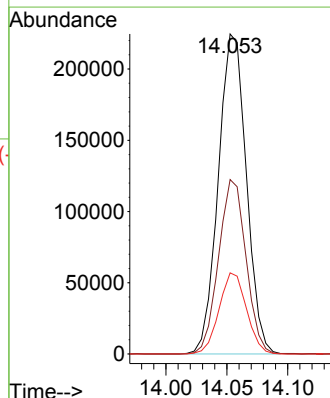
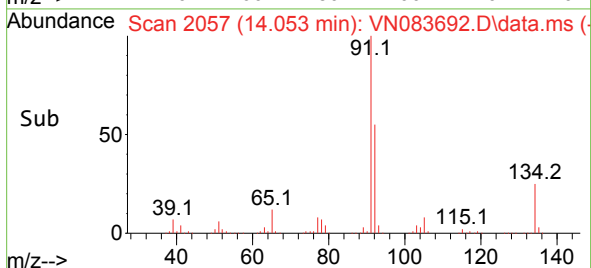
Tgt Ion:146 Resp: 212746
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.9
148 63.1 31.9 95.5

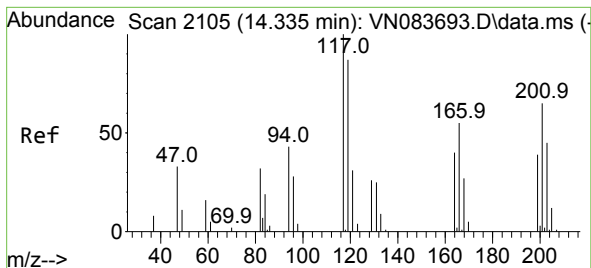


#85
n-Butylbenzene
Concen: 47.848 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083692.D
Acq: 06 Sep 2024 12:46



Tgt Ion: 91 Resp: 360329
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.0
134 24.8 0.0 51.8





#86

Hexachloroethane

Concen: 49.803 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

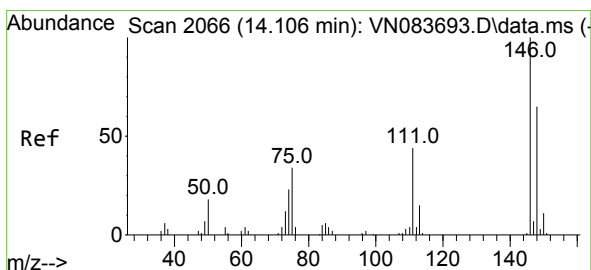
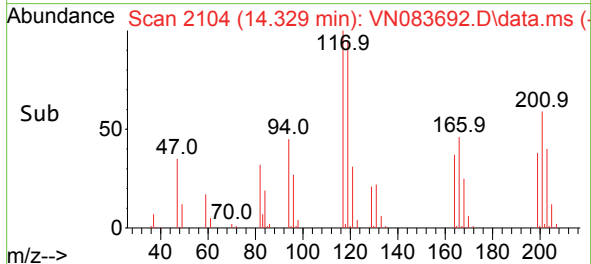
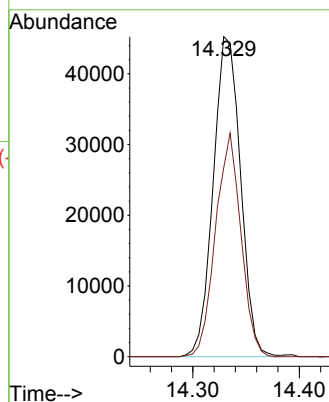
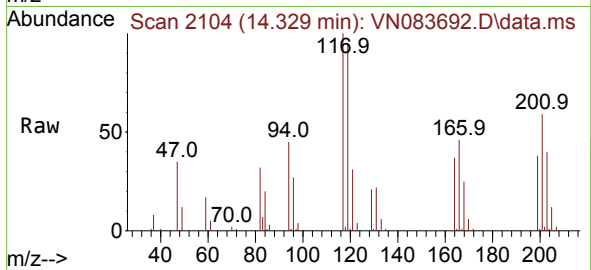
VSTDIC050

Tgt Ion:117 Resp: 80541

Ion Ratio Lower Upper

117 100

201 65.0 38.0 114.0



#87

1,2-Dichlorobenzene

Concen: 48.315 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

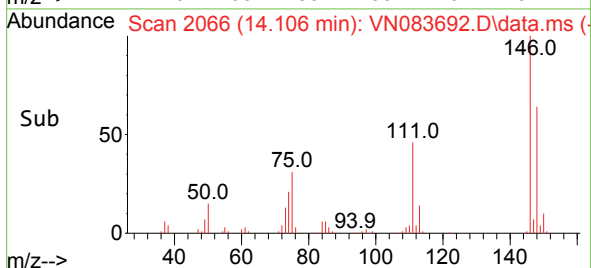
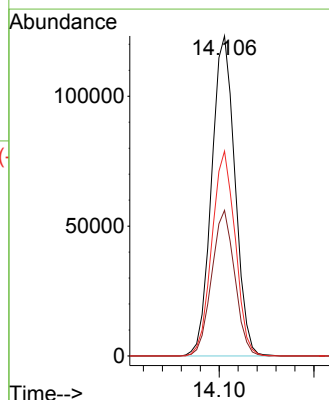
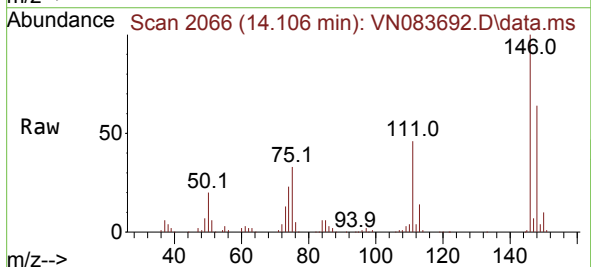
Tgt Ion:146 Resp: 210695

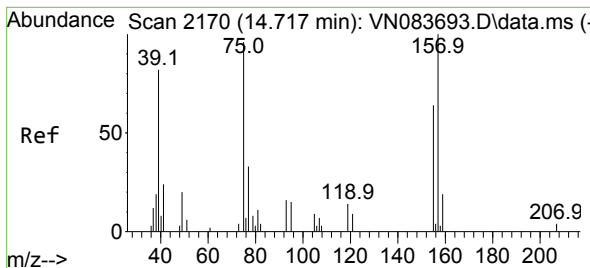
Ion Ratio Lower Upper

146 100

111 44.9 22.6 67.8

148 64.0 31.3 93.8

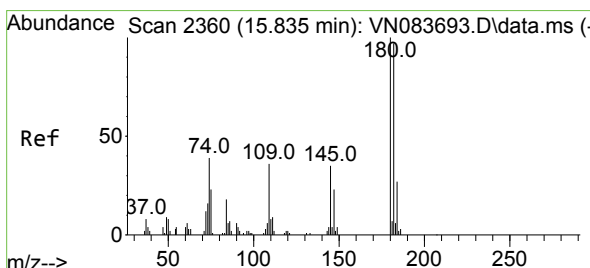
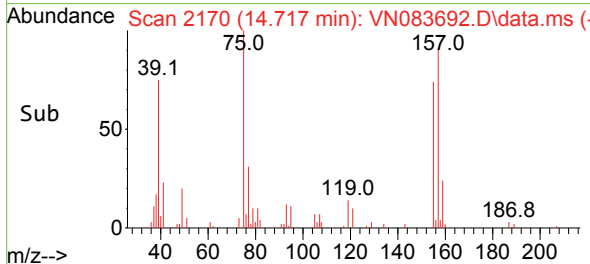
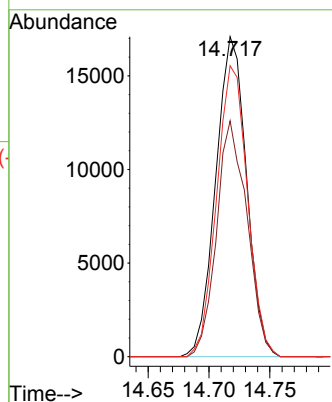
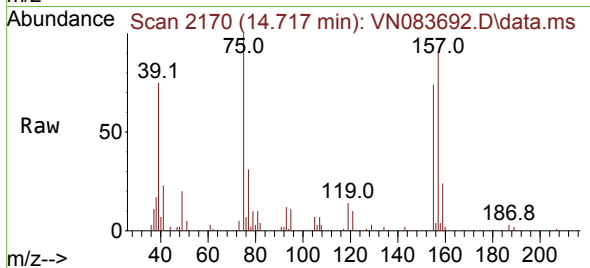




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 49.388 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

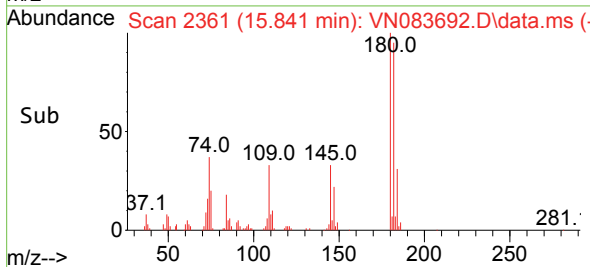
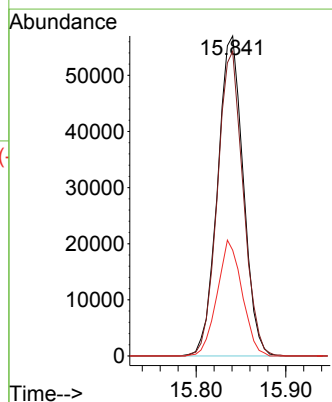
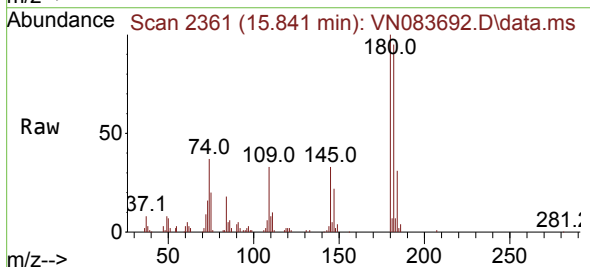
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

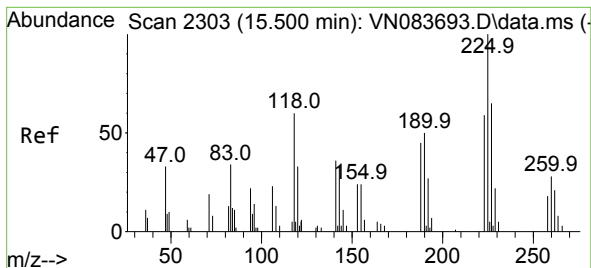
Tgt Ion: 75 Resp: 30132
 Ion Ratio Lower Upper
 75 100
 155 72.7 61.7 92.5
 157 90.8 83.6 125.4



#89
 1,2,4-Trichlorobenzene
 Concen: 47.397 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.006 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

Tgt Ion:180 Resp: 113238
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.4 114.6
 145 35.2 28.4 42.6





#90

Hexachlorobutadiene

Concen: 48.403 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

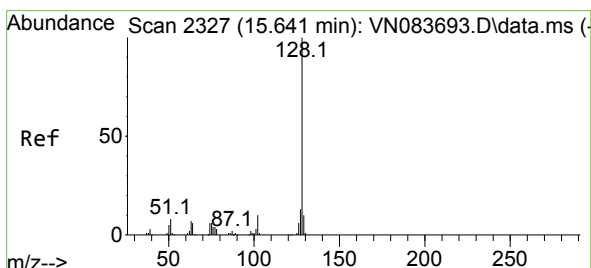
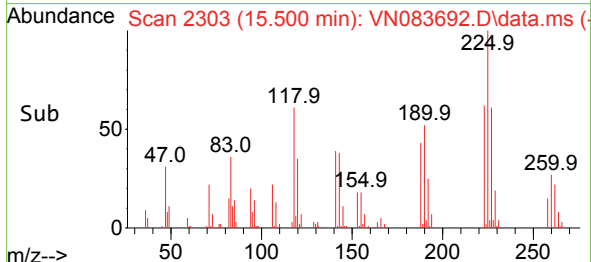
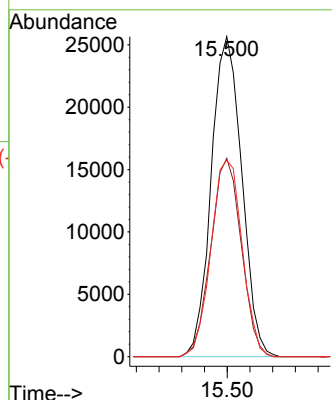
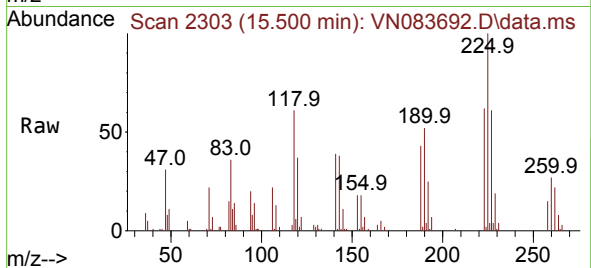
Tgt Ion:225 Resp: 47864

Ion Ratio Lower Upper

225 100

223 61.8 0.0 126.6

227 62.8 0.0 126.6



#91

Naphthalene

Concen: 48.216 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN083692.D

Acq: 06 Sep 2024 12:46

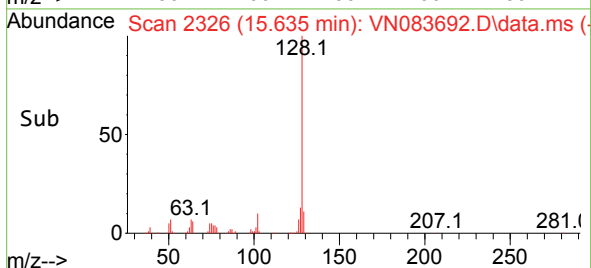
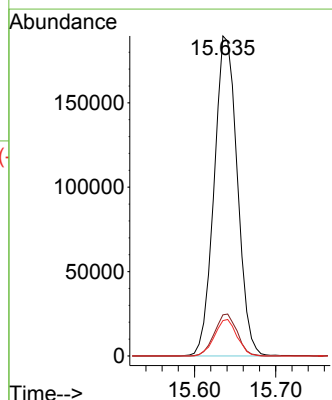
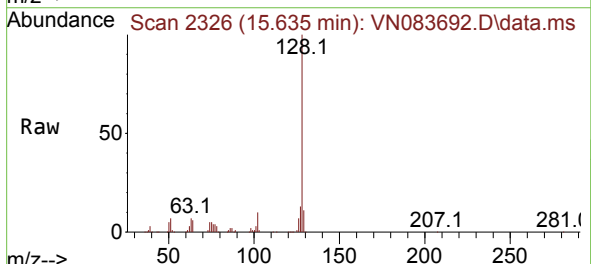
Tgt Ion:128 Resp: 376599

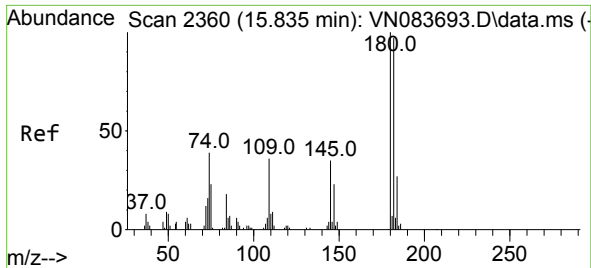
Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

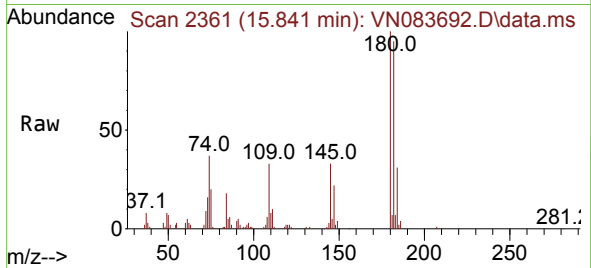
129 11.1 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 47.397 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083692.D
 Acq: 06 Sep 2024 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion:180 Resp: 113238

Ion	Ratio	Lower	Upper
180	100		
182	95.3	0.0	191.0
145	35.2	0.0	71.0

