

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082254.D
 Acq On : 21 May 2024 20:44
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 22 01:33:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	202715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	346963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	145422	45.431	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.860%
35) Dibromofluoromethane	8.171	113	98255	46.035	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.060%
50) Toluene-d8	10.571	98	369078	45.103	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.200%
62) 4-Bromofluorobenzene	12.847	95	138866	47.546	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	129792	44.409	ug/l	100
3) Chloromethane	2.359	50	144249	43.550	ug/l	100
4) Vinyl Chloride	2.512	62	144743	46.483	ug/l	99
5) Bromomethane	2.948	94	73659	41.155	ug/l	98
6) Chloroethane	3.118	64	97489	47.948	ug/l	98
7) Trichlorofluoromethane	3.495	101	192290	47.159	ug/l	98
8) Diethyl Ether	3.959	74	75663	52.089	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	105607	44.337	ug/l	99
10) Methyl Iodide	4.589	142	124141	51.844	ug/l	92
11) Tert butyl alcohol	5.524	59	128030	249.173	ug/l	98
12) 1,1-Dichloroethene	4.342	96	106968	48.317	ug/l	83
13) Acrolein	4.183	56	90395	237.407	ug/l	97
14) Allyl chloride	5.024	41	218694	46.139	ug/l #	91
15) Acrylonitrile	5.718	53	347779	261.345	ug/l	99
16) Acetone	4.424	43	308186	234.706	ug/l	89
17) Carbon Disulfide	4.712	76	296851	41.515	ug/l	98
18) Methyl Acetate	5.024	43	170453	52.125	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	424159	52.416	ug/l	94
20) Methylene Chloride	5.283	84	128014	48.320	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	114427	47.429	ug/l #	80
22) Diisopropyl ether	6.671	45	508196	51.345	ug/l #	92
23) Vinyl Acetate	6.606	43	2023750	259.337	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	251149	49.230	ug/l	97
25) 2-Butanone	7.483	43	507892	255.116	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	176614	41.332	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	141515	49.703	ug/l	82
28) Bromochloromethane	7.812	49	102605	46.110	ug/l #	76
29) Tetrahydrofuran	7.841	42	340628	266.486	ug/l #	82
30) Chloroform	7.971	83	248329	50.974	ug/l	98
31) Cyclohexane	8.259	56	207752	40.637	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	216083	49.996	ug/l	93
36) 1,1-Dichloropropene	8.371	75	167786	46.872	ug/l	96
37) Ethyl Acetate	7.565	43	211129	52.702	ug/l	96
38) Carbon Tetrachloride	8.365	117	182184	50.206	ug/l	99
39) Methylcyclohexane	9.600	83	175896	44.828	ug/l #	86
40) Benzene	8.612	78	531562	49.797	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	119015	50.515	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	207323	50.500	ug/l	95
43) Isopropyl Acetate	8.694	43	406594	57.279	ug/l #	86
44) Trichloroethene	9.359	130	116810	48.173	ug/l	99
45) 1,2-Dichloropropane	9.624	63	138041	50.121	ug/l	98
46) Dibromomethane	9.712	93	90590	50.100	ug/l	98
47) Bromodichloromethane	9.888	83	196509	51.479	ug/l	99
48) Methyl methacrylate	9.682	41	178926	52.899	ug/l #	82
49) 1,4-Dioxane	9.694	88	51956	1096.185	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1107757	274.664	ug/l	90
52) Toluene	10.635	92	326494	50.968	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	207667	52.602	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	217259	51.989	ug/l #	76
55) 1,1,2-Trichloroethane	11.018	97	123703	53.139	ug/l	97
56) Ethyl methacrylate	10.876	69	223111	56.450	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	222391	51.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	546751	268.195	ug/l	90
59) 2-Hexanone	11.200	43	817522	276.837	ug/l	89
60) Dibromochloromethane	11.359	129	143814	55.980	ug/l	99
61) 1,2-Dibromoethane	11.471	107	125285	52.397	ug/l	98
64) Tetrachloroethene	11.106	164	112937	47.780	ug/l	95
65) Chlorobenzene	11.894	112	350544	49.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	124458	53.632	ug/l	98
67) Ethyl Benzene	11.965	91	631886	50.139	ug/l	98
68) m/p-Xylenes	12.071	106	468569	101.446	ug/l	93
69) o-Xylene	12.400	106	232410	51.944	ug/l	93
70) Styrene	12.412	104	396291	53.324	ug/l	96
71) Bromoform	12.582	173	95185	51.550	ug/l #	99
73) Isopropylbenzene	12.700	105	587600	48.560	ug/l	98
74) N-amyl acetate	12.494	43	345077	51.844	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	174978	50.164	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	243888	76.075	ug/l	66
77) Bromobenzene	12.982	156	141649	49.120	ug/l	87
78) n-propylbenzene	13.035	91	698731	48.763	ug/l	97
79) 2-Chlorotoluene	13.129	91	427712	47.535	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	496608	50.755	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	64440	47.015	ug/l #	79
82) 4-Chlorotoluene	13.223	91	427512	48.595	ug/l	94
83) tert-Butylbenzene	13.441	119	418208	48.856	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	505765	50.524	ug/l	96
85) sec-Butylbenzene	13.617	105	582367	49.084	ug/l	98
86) p-Isopropyltoluene	13.729	119	486559	50.460	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	254185	48.653	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	252296	47.316	ug/l	97
89) n-Butylbenzene	14.059	91	428483	49.440	ug/l	98
90) Hexachloroethane	14.335	117	90070	50.416	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	246694	49.885	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38995	54.411	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	140533	50.697	ug/l	99
94) Hexachlorobutadiene	15.500	225	53775	44.210	ug/l	98
95) Naphthalene	15.641	128	485505	55.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	141228	50.893	ug/l	99

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QLast Update : Thu May 16 05:21:06 2024
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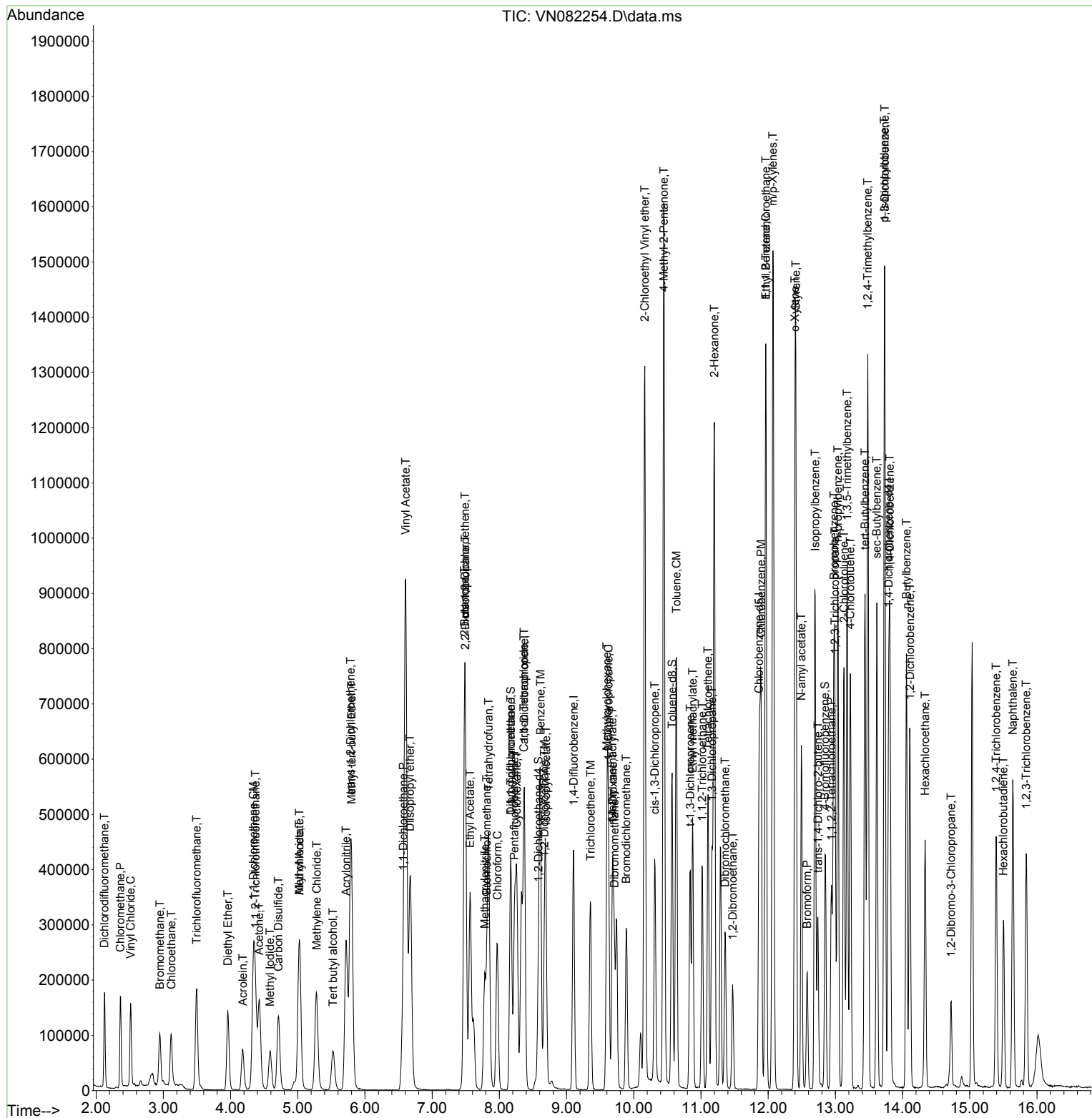
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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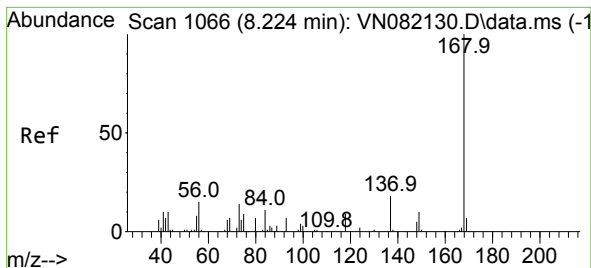
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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MSVOA_N

ClientSampleId :

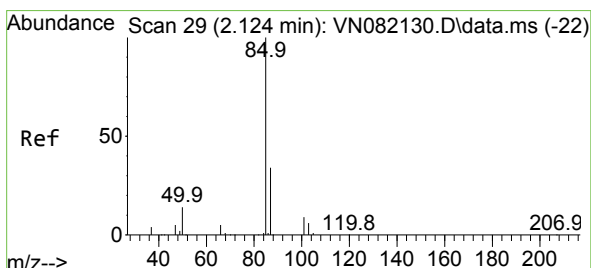
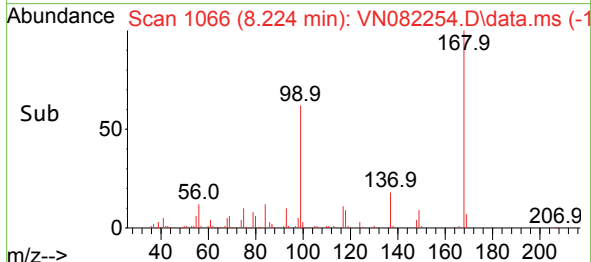
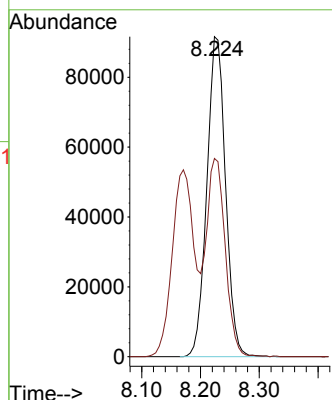
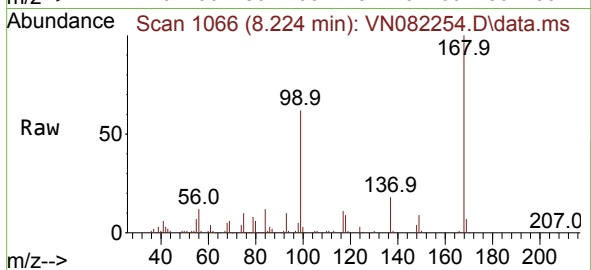
VSTDCCC050EC

Tgt Ion:168 Resp: 202715

Ion Ratio Lower Upper

168 100

99 62.0 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 44.409 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN082254.D

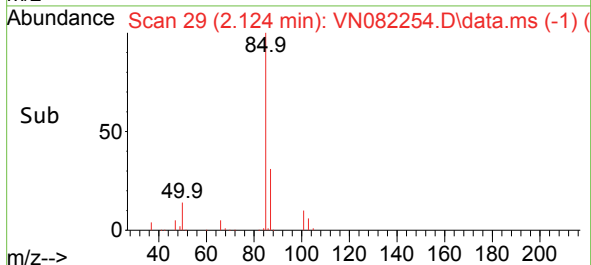
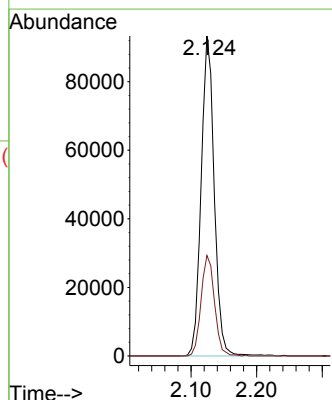
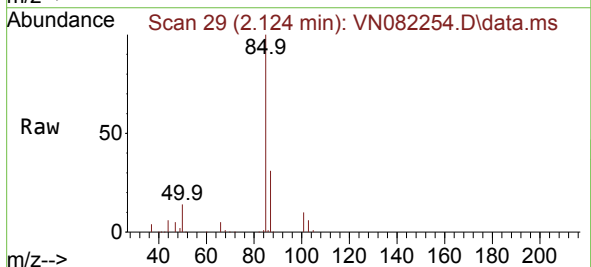
Acq: 21 May 2024 20:44

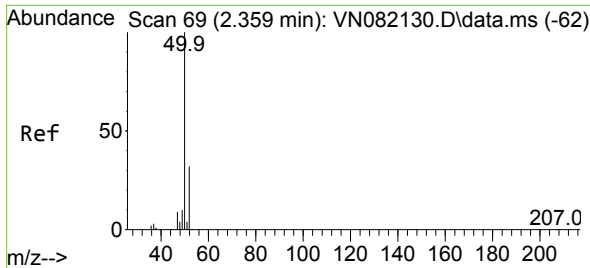
Tgt Ion: 85 Resp: 129792

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4

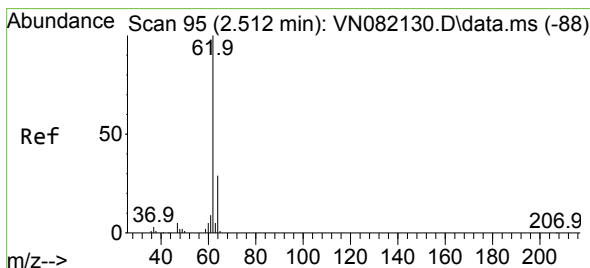
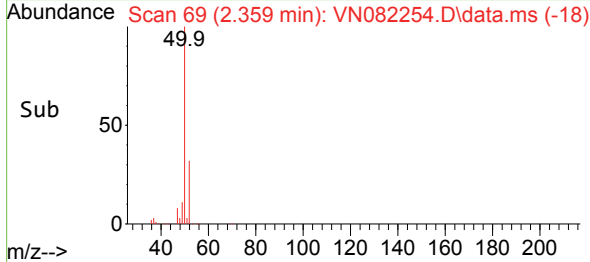
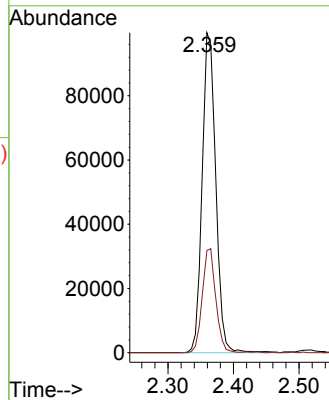
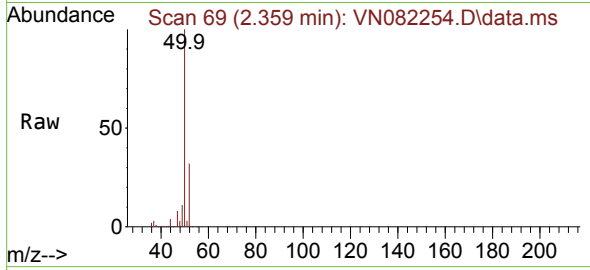




#3
Chloromethane
Concen: 43.550 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082254.D
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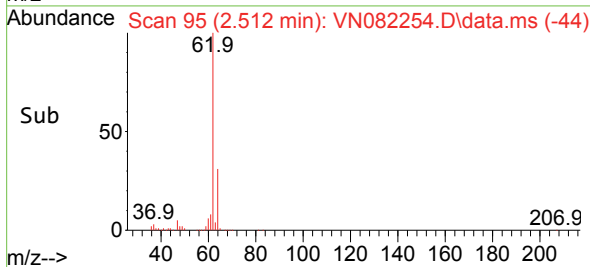
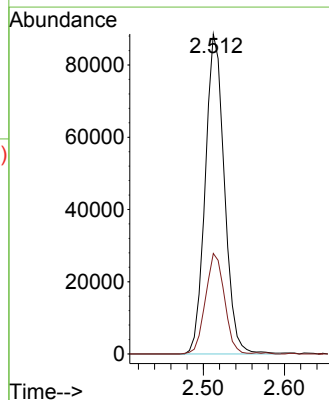
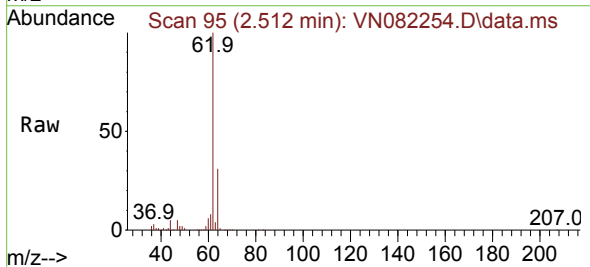
Instrument :
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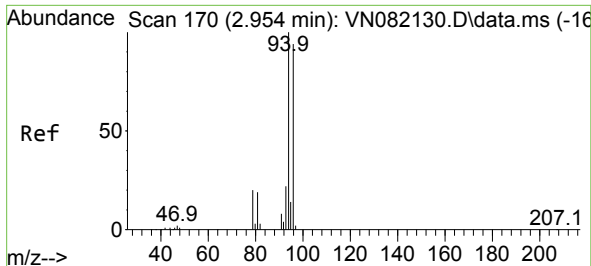
Tgt Ion: 50 Resp: 144249
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 46.483 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 62 Resp: 144743
Ion Ratio Lower Upper
62 100
64 31.4 24.6 37.0

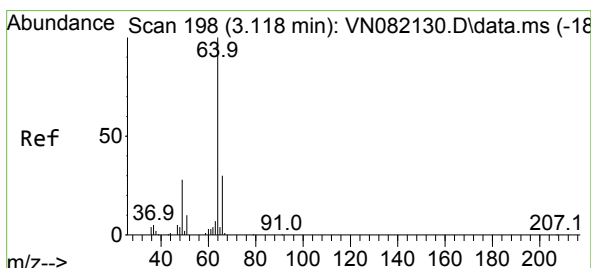
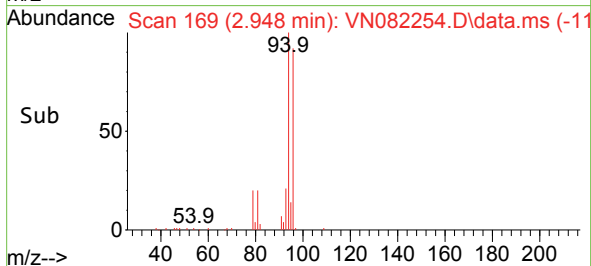
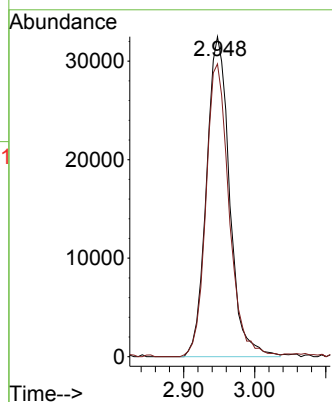
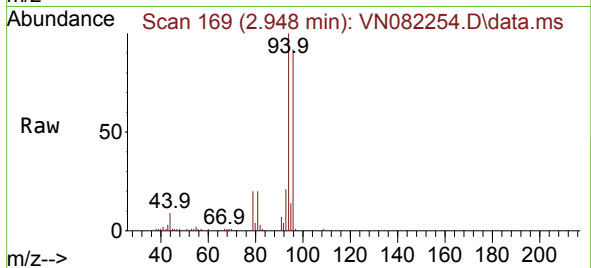




#5
Bromomethane
Concen: 41.155 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN082254.D
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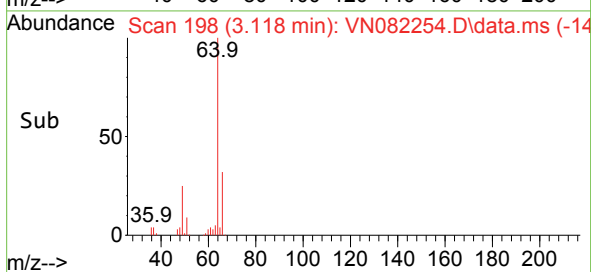
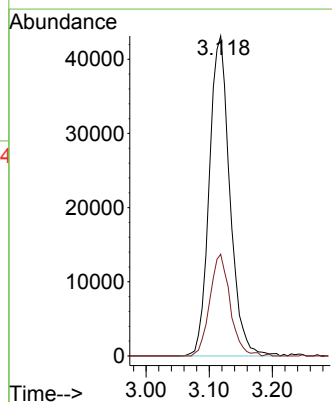
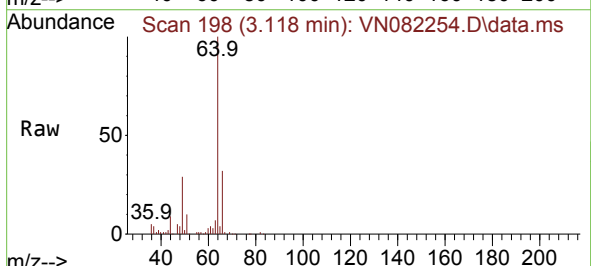
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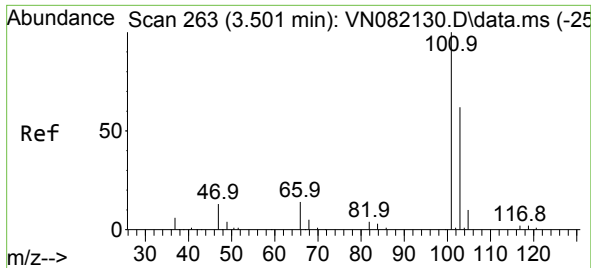
Tgt Ion: 94 Resp: 73659
Ion Ratio Lower Upper
94 100
96 91.5 74.8 112.2



#6
Chloroethane
Concen: 47.948 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082254.D
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Tgt Ion: 64 Resp: 97489
Ion Ratio Lower Upper
64 100
66 31.8 24.7 37.1

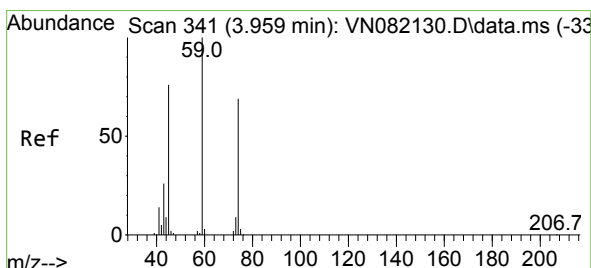
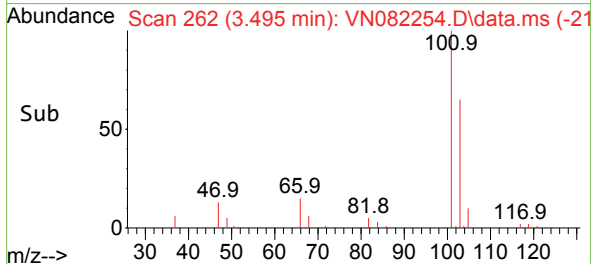
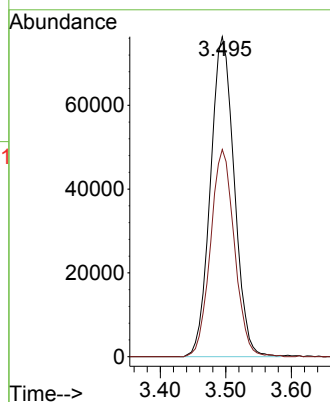
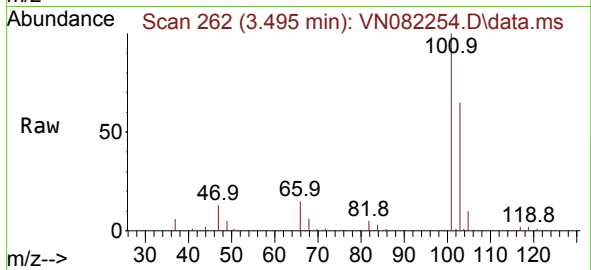




#7
Trichlorofluoromethane
Concen: 47.159 ug/l
RT: 3.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

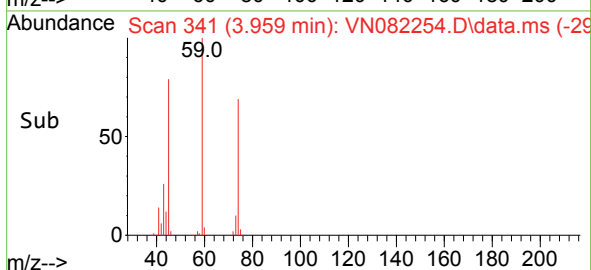
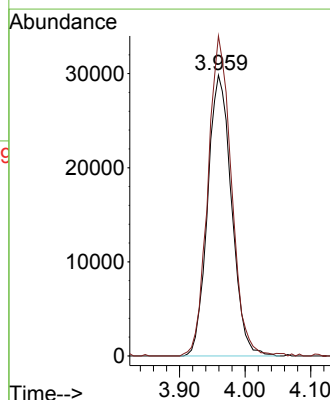
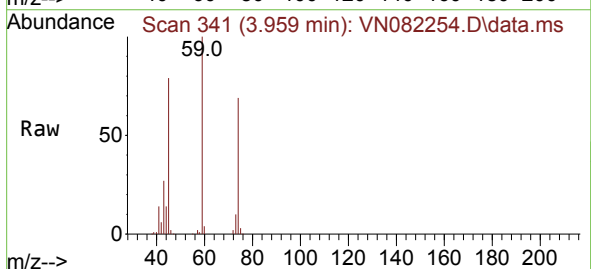
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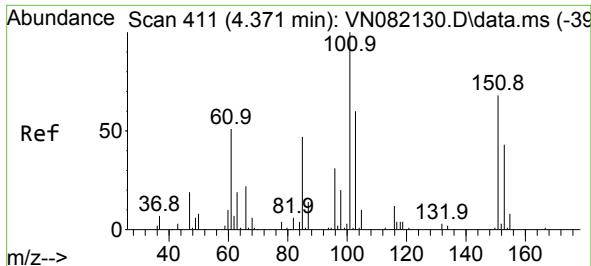
Tgt Ion:101 Resp: 192290
Ion Ratio Lower Upper
101 100
103 64.8 50.6 75.8



#8
Diethyl Ether
Concen: 52.089 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 74 Resp: 75663
Ion Ratio Lower Upper
74 100
45 111.9 42.4 127.3

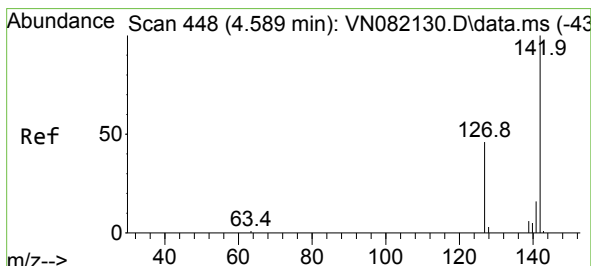
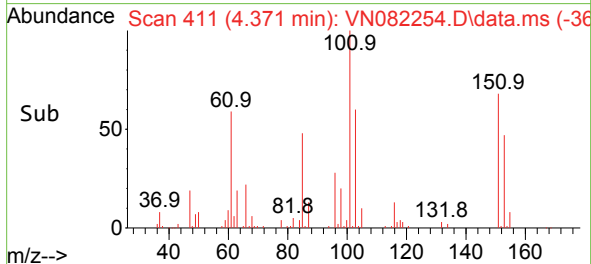
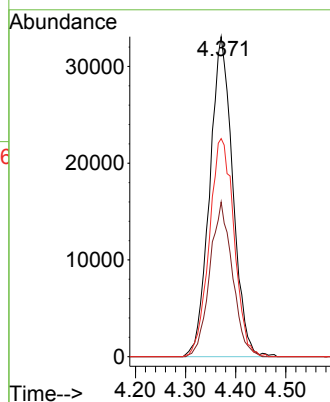
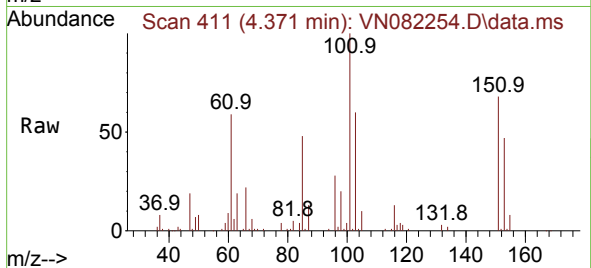




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.337 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

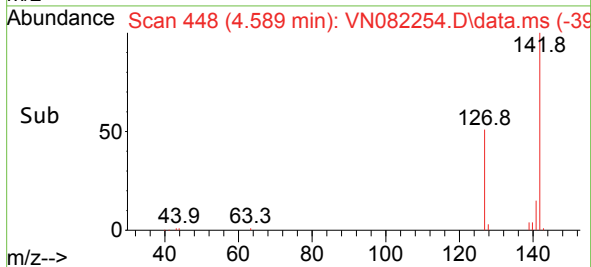
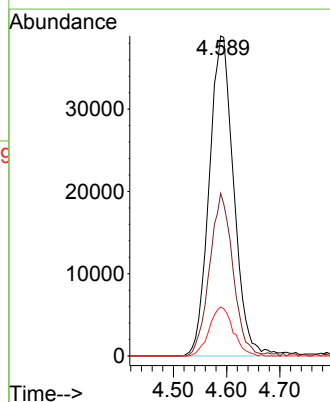
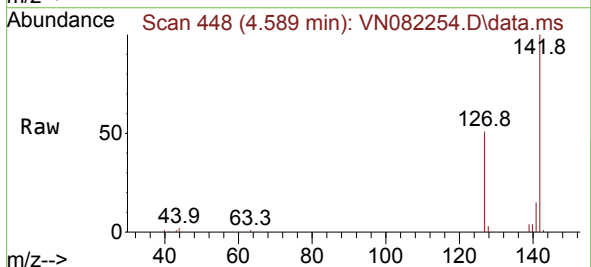
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

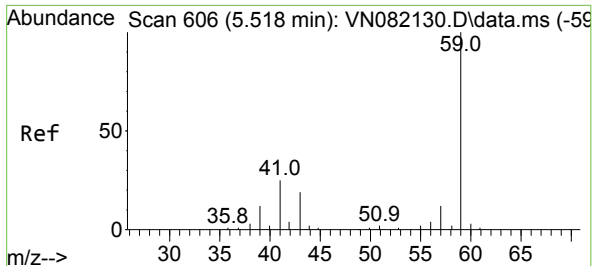
Tgt Ion:101 Resp: 105607
Ion Ratio Lower Upper
101 100
85 47.4 37.3 55.9
151 73.2 59.2 88.8



#10
Methyl Iodide
Concen: 51.844 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion:142 Resp: 124141
Ion Ratio Lower Upper
142 100
127 50.8 35.8 53.6
141 15.3 11.4 17.2

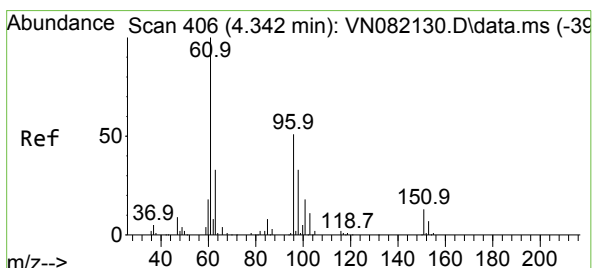
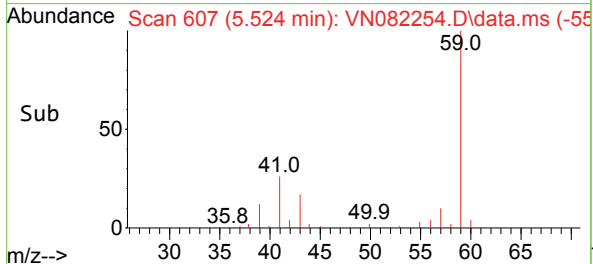
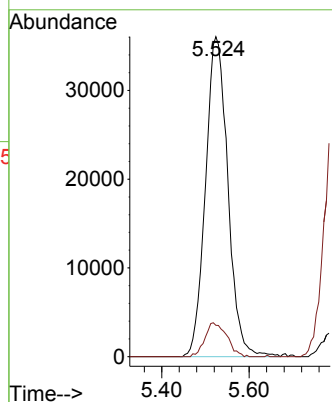
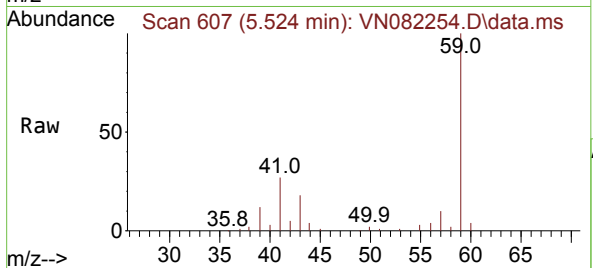




#11
Tert butyl alcohol
Concen: 249.173 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

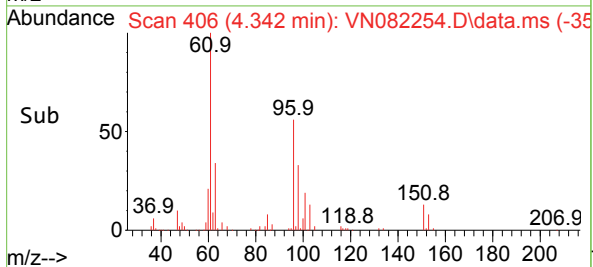
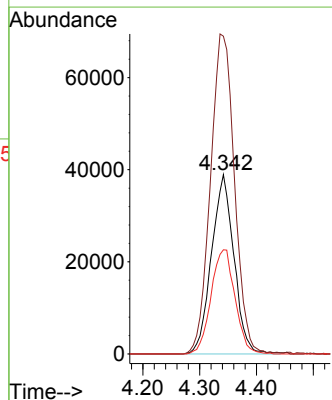
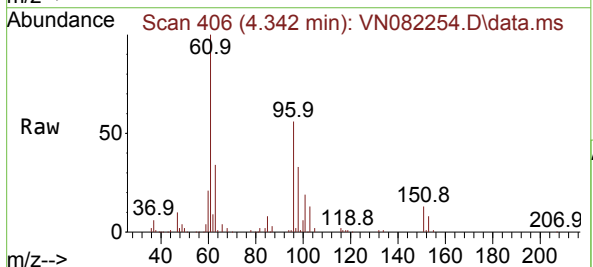
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

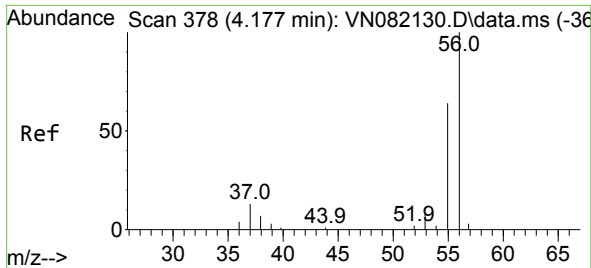
Tgt Ion: 59 Resp: 128030
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3



#12
1,1-Dichloroethene
Concen: 48.317 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 96 Resp: 106968
Ion Ratio Lower Upper
96 100
61 177.2 119.7 179.5
98 58.1 49.6 74.4

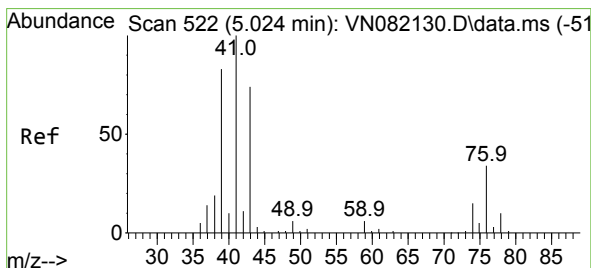
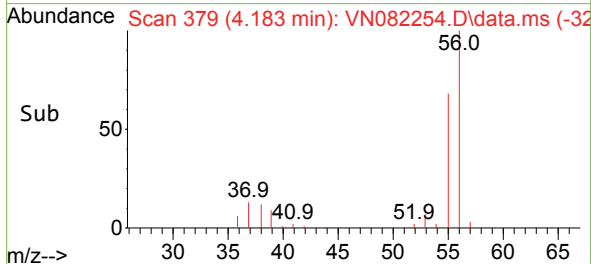
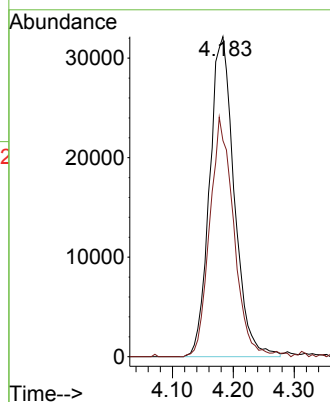
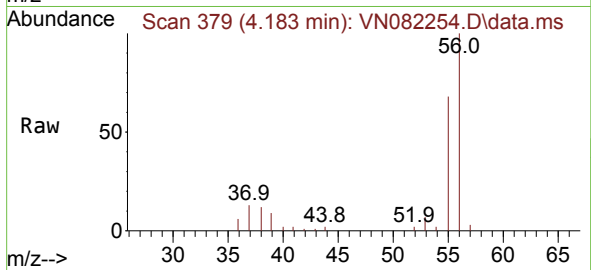




#13
Acrolein
Concen: 237.407 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

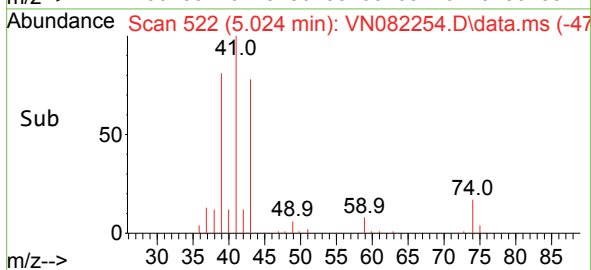
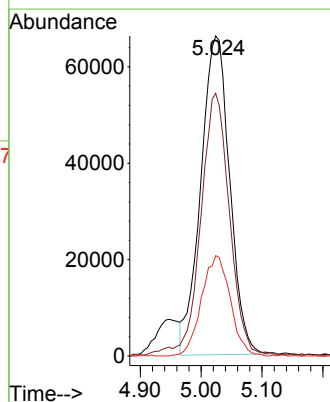
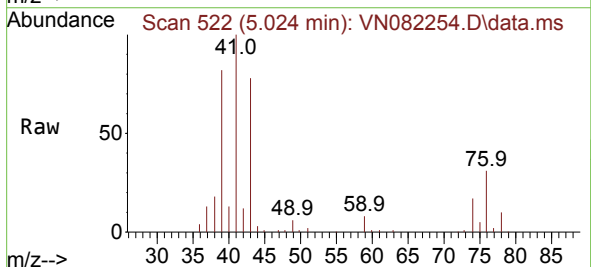
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

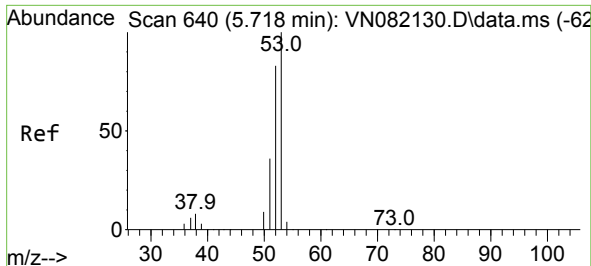
Tgt Ion: 56 Resp: 90395
Ion Ratio Lower Upper
56 100
55 72.5 55.8 83.8



#14
Allyl chloride
Concen: 46.139 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 41 Resp: 218694
Ion Ratio Lower Upper
41 100
39 82.4 65.4 98.0
76 31.2 37.3 55.9#

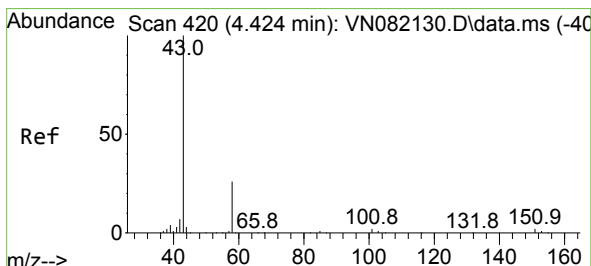
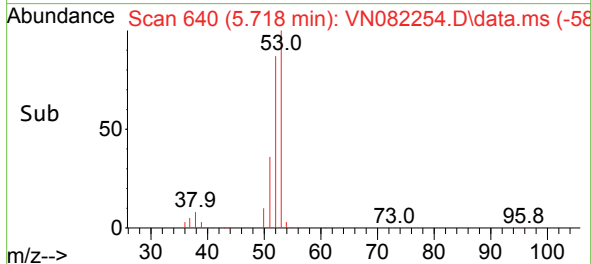
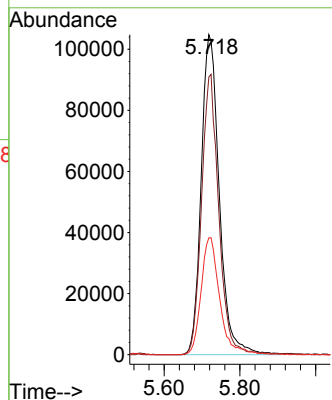
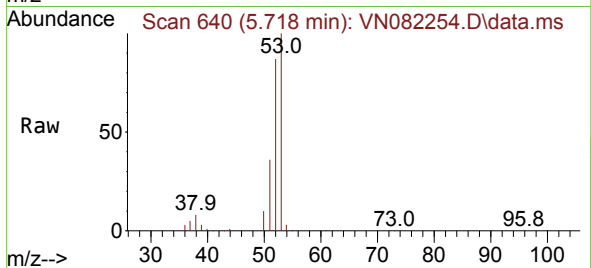




#15
Acrylonitrile
Concen: 261.345 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

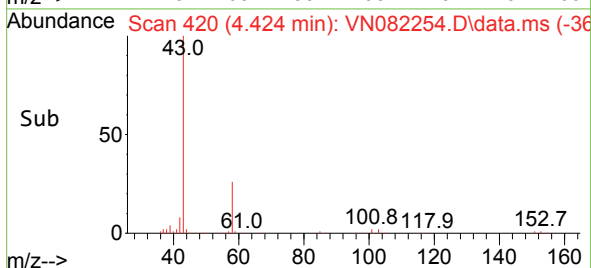
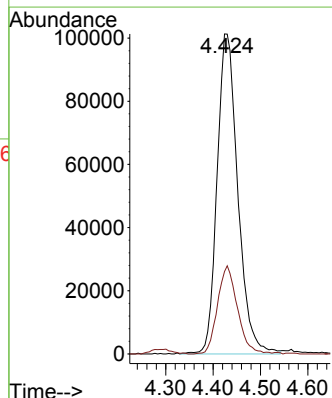
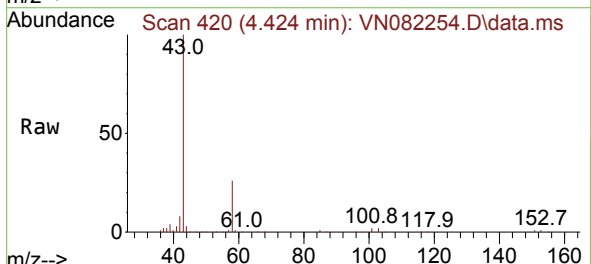
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

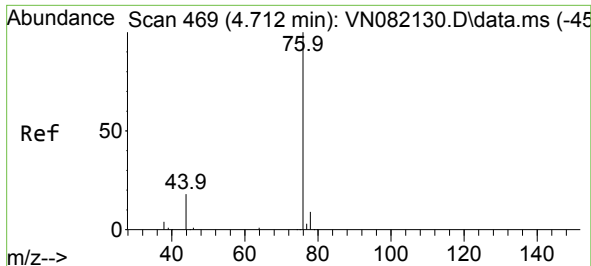
Tgt Ion: 53 Resp: 347779
Ion Ratio Lower Upper
53 100
52 83.0 66.1 99.1
51 37.6 29.4 44.2



#16
Acetone
Concen: 234.706 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 43 Resp: 308186
Ion Ratio Lower Upper
43 100
58 25.5 25.2 37.8

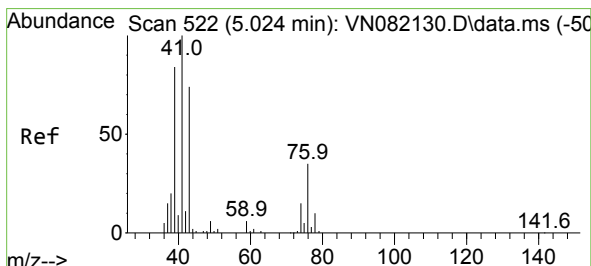
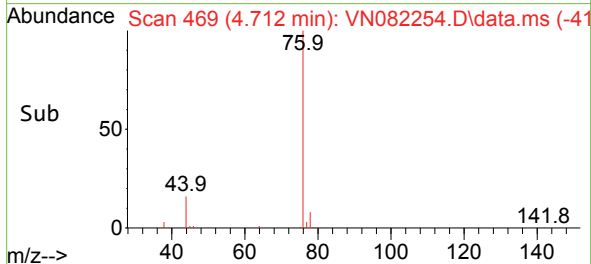
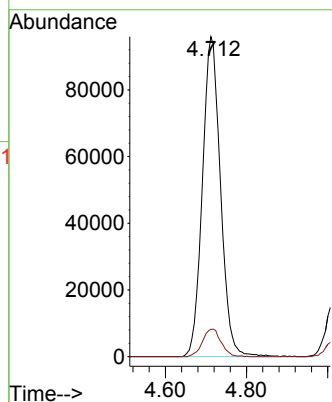
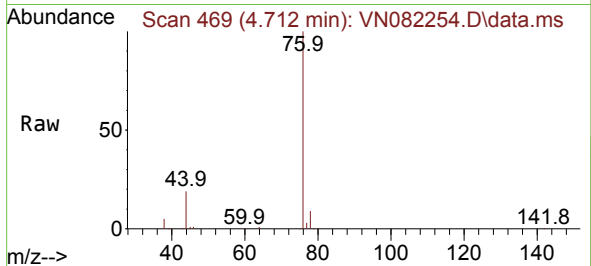




#17
Carbon Disulfide
Concen: 41.515 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

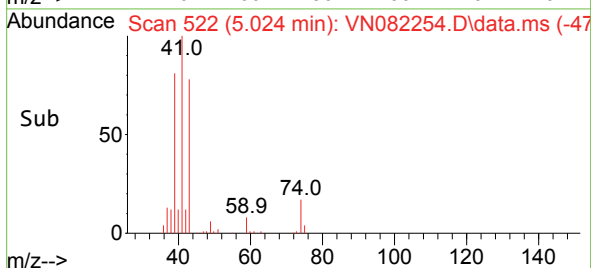
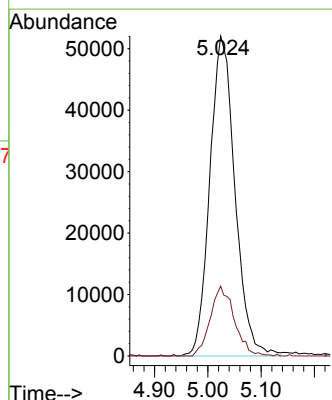
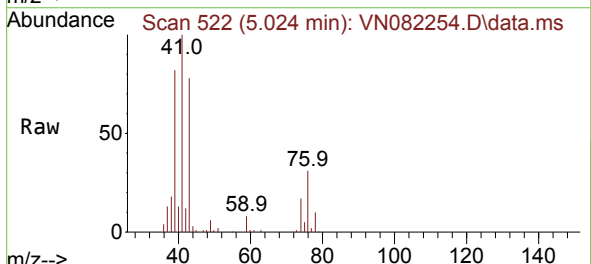
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

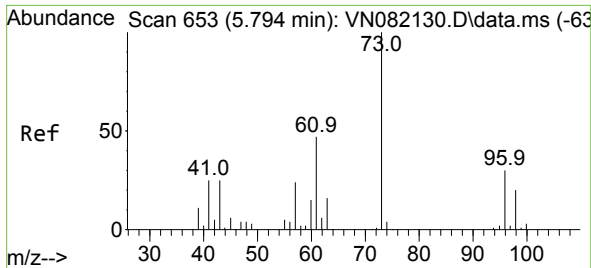
Tgt Ion: 76 Resp: 296851
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 52.125 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 43 Resp: 170453
Ion Ratio Lower Upper
43 100
74 20.8 22.2 33.2#

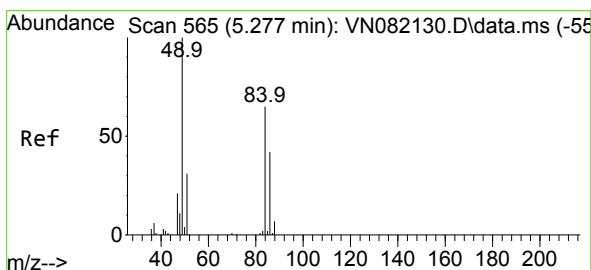
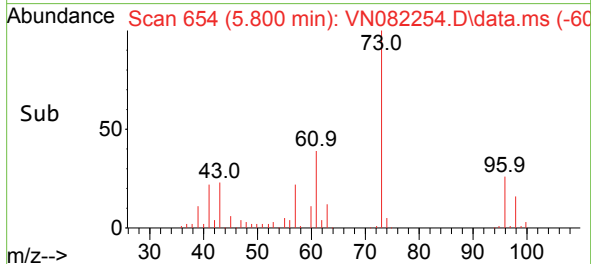
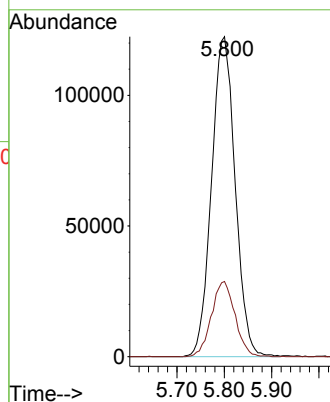
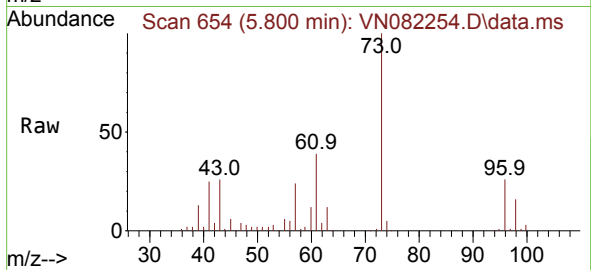




#19
Methyl tert-butyl Ether
Concen: 52.416 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

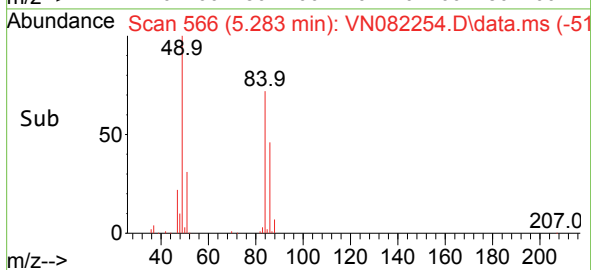
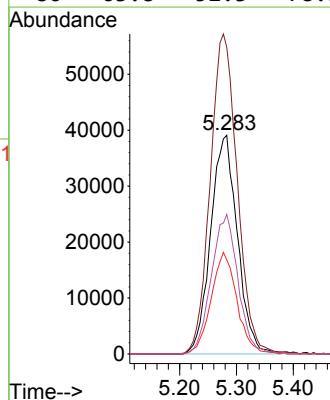
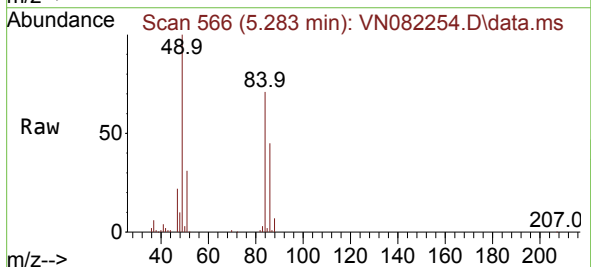
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

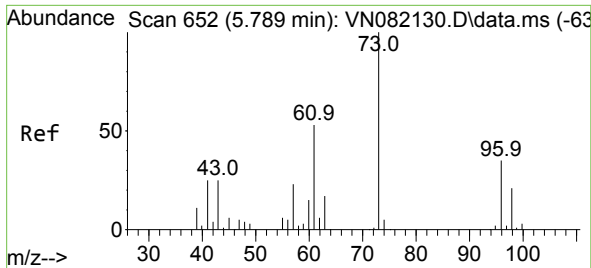
Tgt Ion: 73 Resp: 424159
Ion Ratio Lower Upper
73 100
57 23.5 16.5 24.7



#20
Methylene Chloride
Concen: 48.320 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 84 Resp: 128014
Ion Ratio Lower Upper
84 100
49 140.3 84.9 127.3#
51 43.0 27.0 40.6#
86 63.8 52.3 78.5

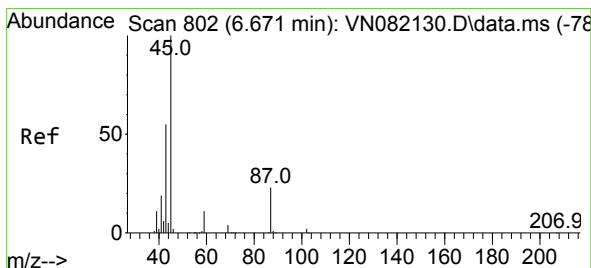
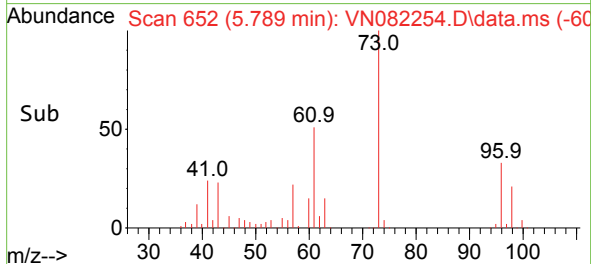
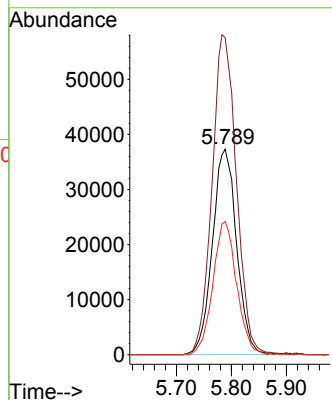
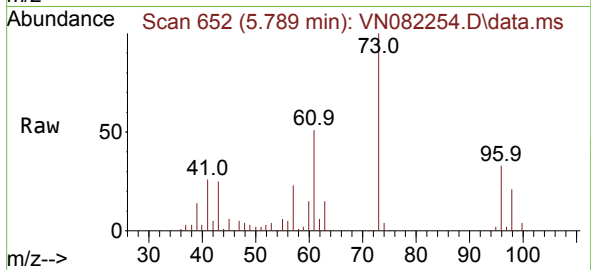




#21
trans-1,2-Dichloroethene
Concen: 47.429 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

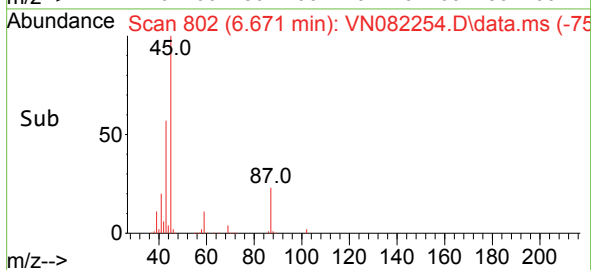
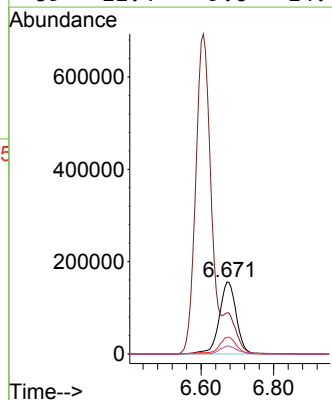
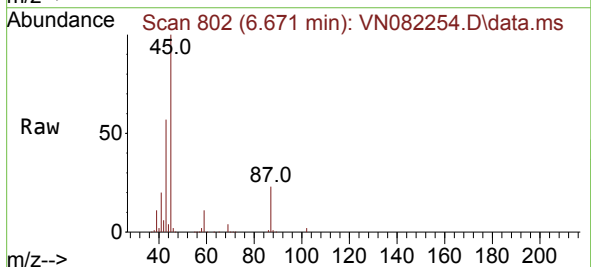
Instrument :
MSVOA_N
ClientSampleId :
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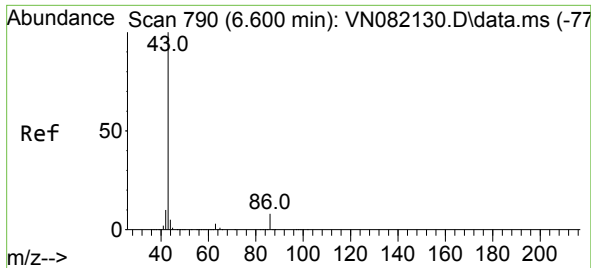
Tgt Ion: 96 Resp: 114427
Ion Ratio Lower Upper
96 100
61 154.3 96.5 144.7#
98 64.8 51.3 76.9



#22
Diisopropyl ether
Concen: 51.345 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 45 Resp: 508196
Ion Ratio Lower Upper
45 100
43 56.6 44.1 66.1
87 22.8 27.0 40.6#
59 11.4 9.6 14.4

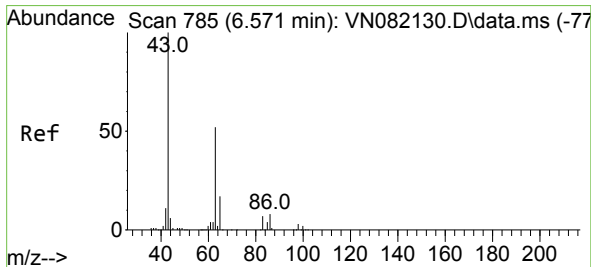
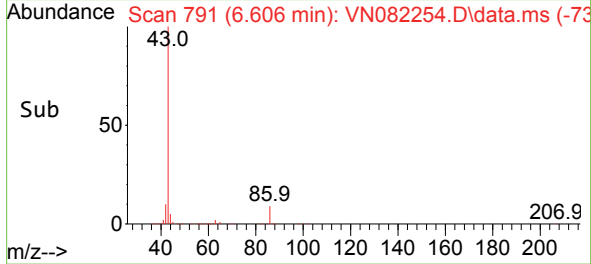
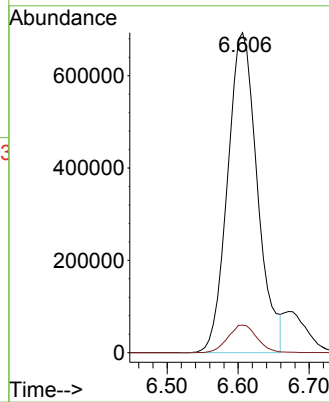
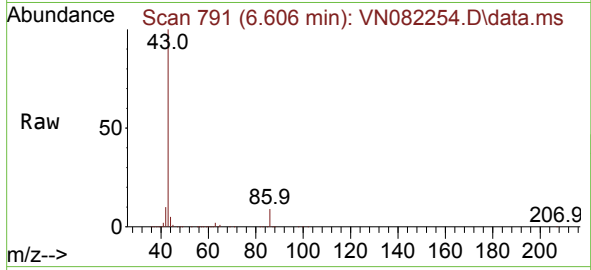




#23
Vinyl Acetate
Concen: 259.337 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

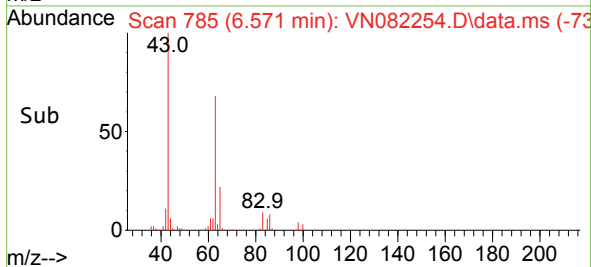
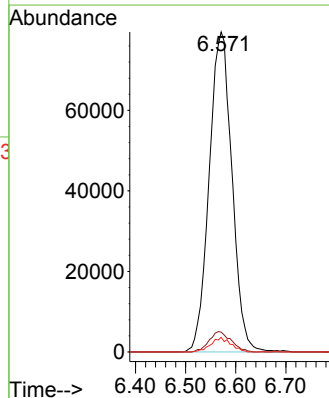
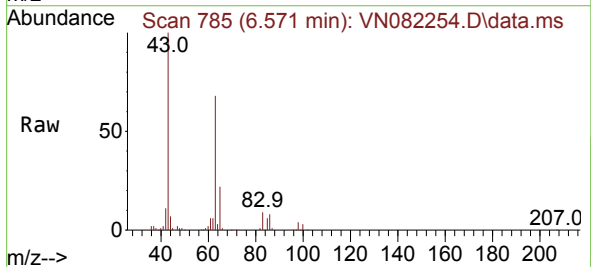
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

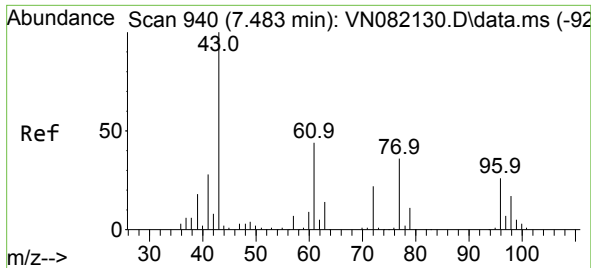
Tgt Ion: 43 Resp: 2023750
Ion Ratio Lower Upper
43 100
86 8.6 10.2 15.4#



#24
1,1-Dichloroethane
Concen: 49.230 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 63 Resp: 251149
Ion Ratio Lower Upper
63 100
98 6.2 3.6 10.9
100 4.5 2.6 7.8

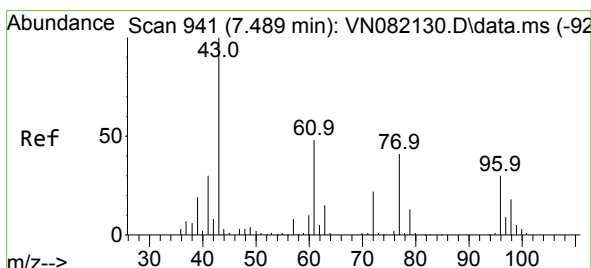
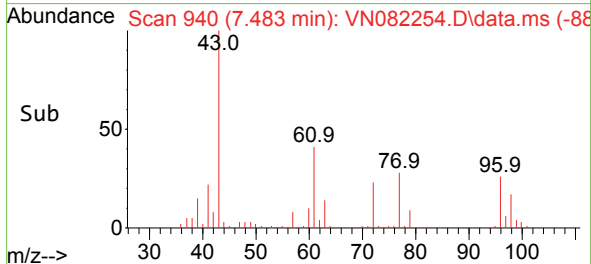
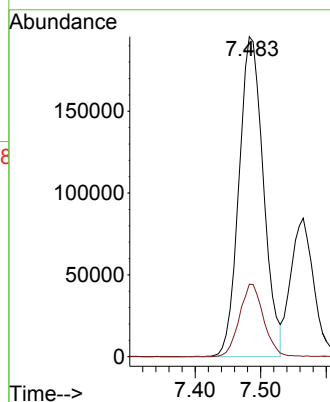
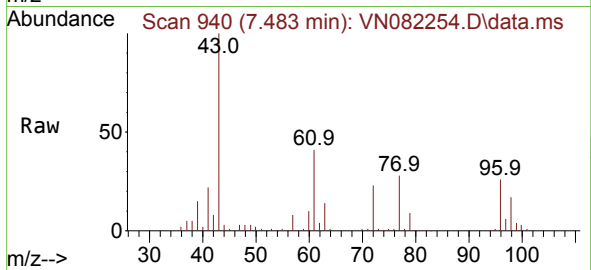




#25
2-Butanone
Concen: 255.116 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

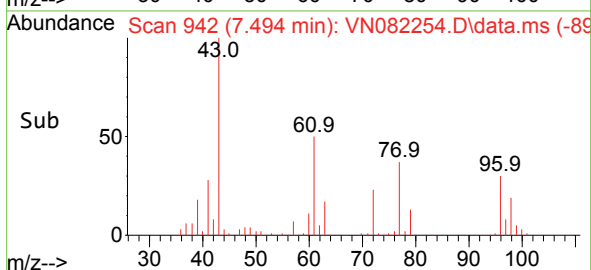
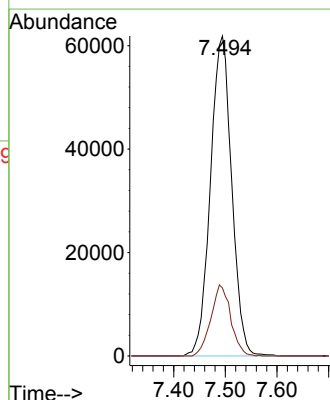
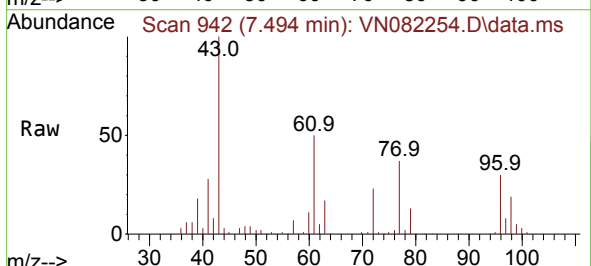
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MSVOA_N
ClientSampleId :
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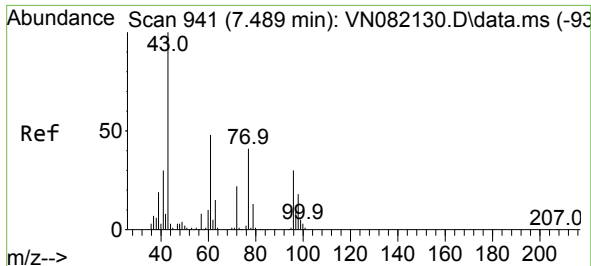
Tgt Ion: 43 Resp: 507892
Ion Ratio Lower Upper
43 100
72 22.6 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 41.332 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 77 Resp: 176614
Ion Ratio Lower Upper
77 100
97 20.8 11.3 33.9

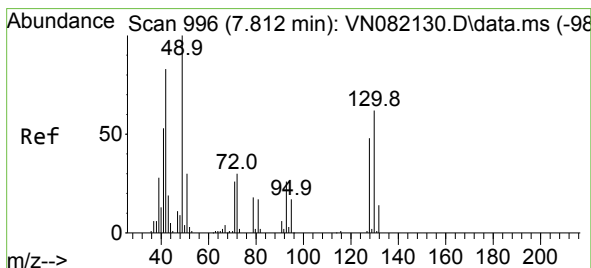
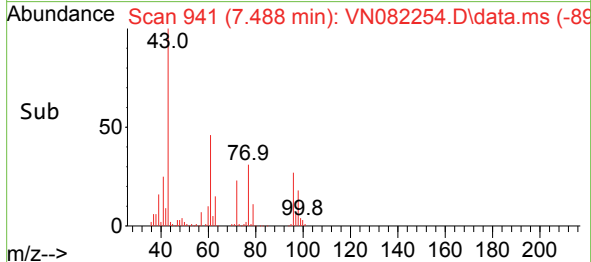
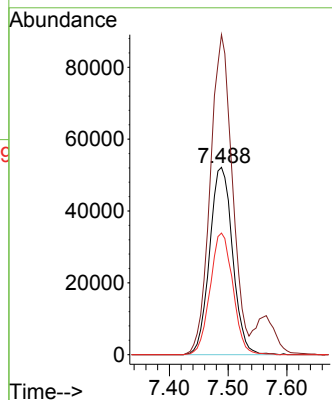
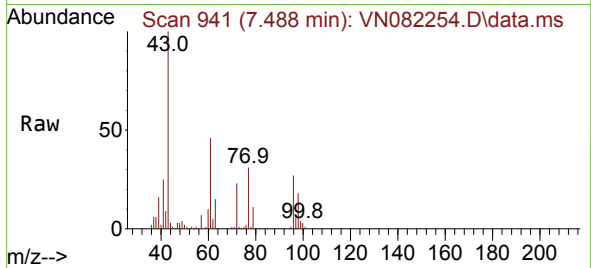




#27
 cis-1,2-Dichloroethene
 Concen: 49.703 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082254.D
 Acq: 21 May 2024 20:44

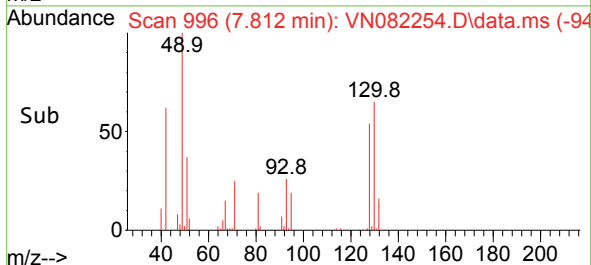
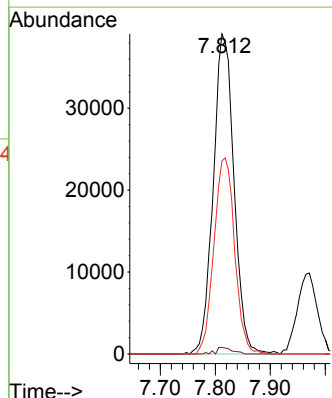
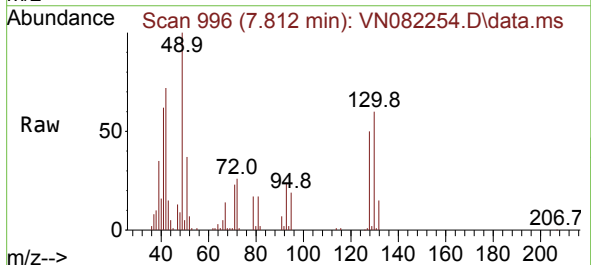
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

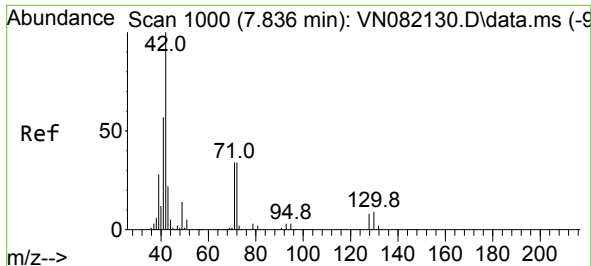
Tgt Ion: 96 Resp: 141515
 Ion Ratio Lower Upper
 96 100
 61 164.1 0.0 268.0
 98 64.3 0.0 126.8



#28
 Bromochloromethane
 Concen: 46.110 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082254.D
 Acq: 21 May 2024 20:44

Tgt Ion: 49 Resp: 102605
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 60.9 66.7 100.1#





#29

Tetrahydrofuran

Concen: 266.486 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

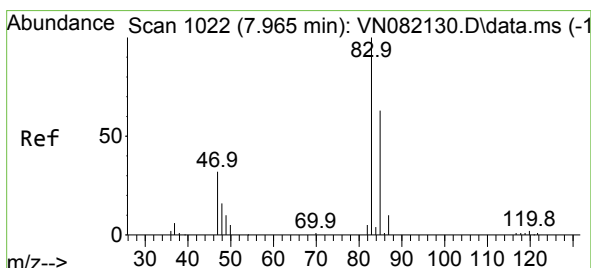
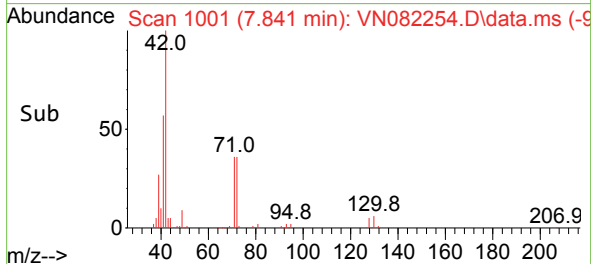
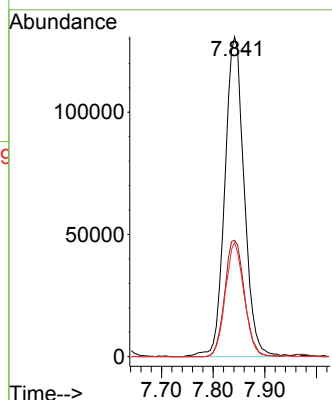
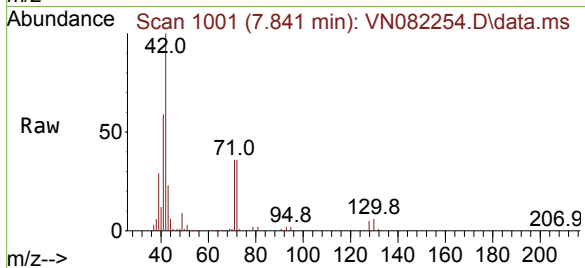
Tgt Ion: 42 Resp: 340628

Ion Ratio Lower Upper

42 100

72 37.2 39.3 58.9#

71 34.6 37.4 56.0#



#30

Chloroform

Concen: 50.974 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082254.D

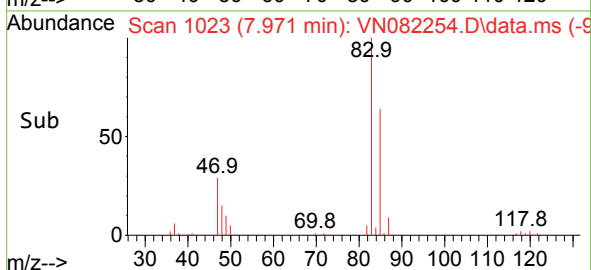
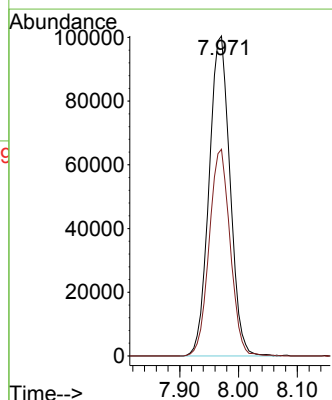
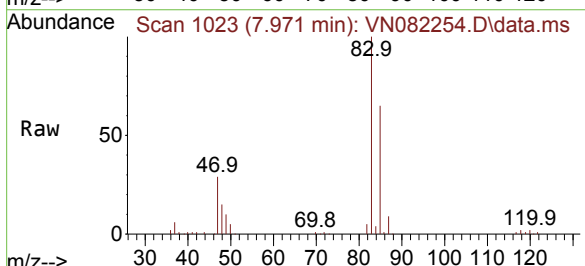
Acq: 21 May 2024 20:44

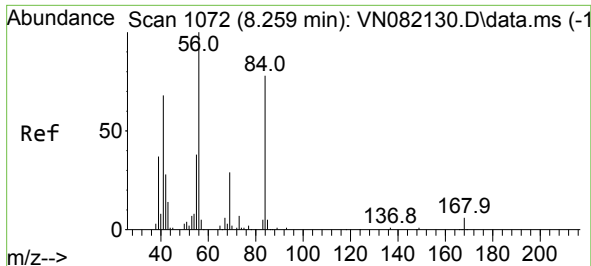
Tgt Ion: 83 Resp: 248329

Ion Ratio Lower Upper

83 100

85 64.6 50.7 76.1

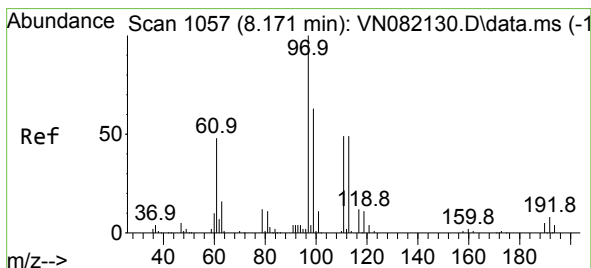
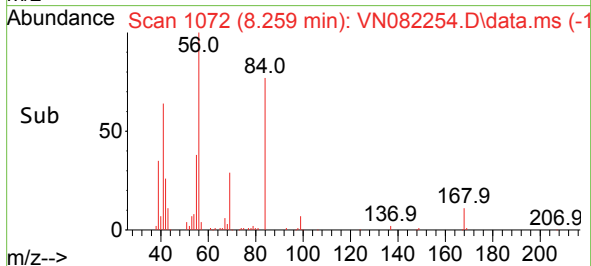
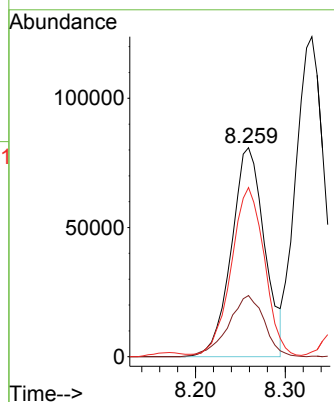
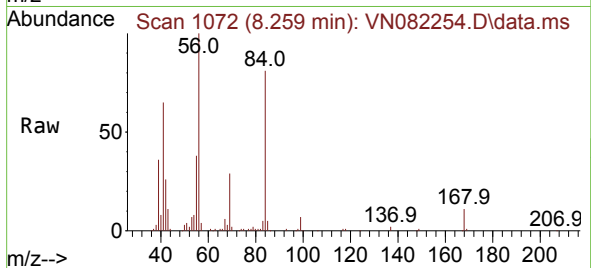




#31
Cyclohexane
Concen: 40.637 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

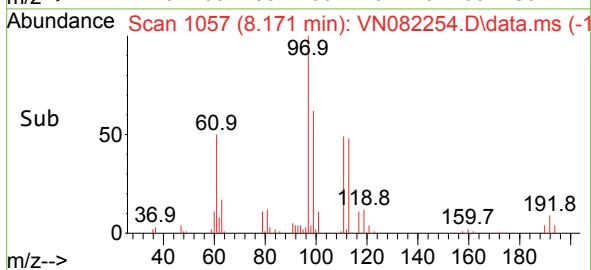
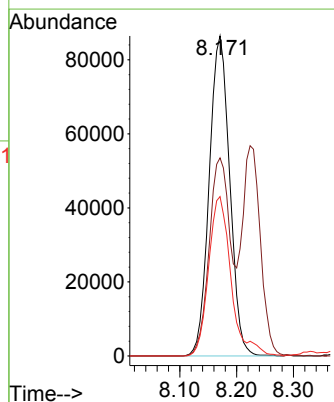
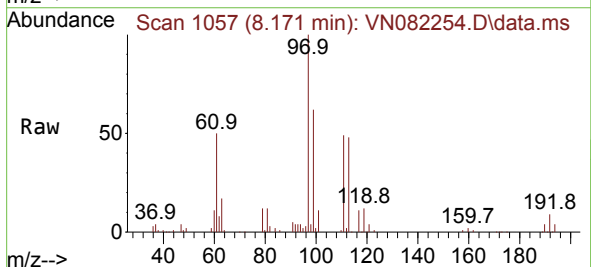
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

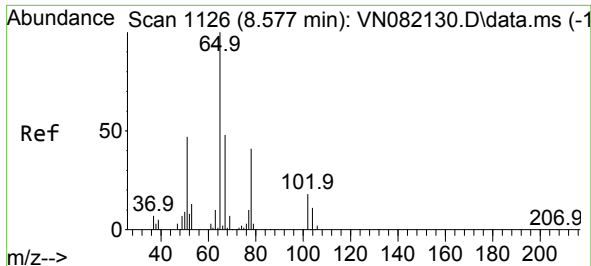
Tgt Ion: 56 Resp: 207752
Ion Ratio Lower Upper
56 100
69 29.2 24.4 36.6
84 79.5 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 49.996 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 97 Resp: 216083
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 54.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 45.431 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

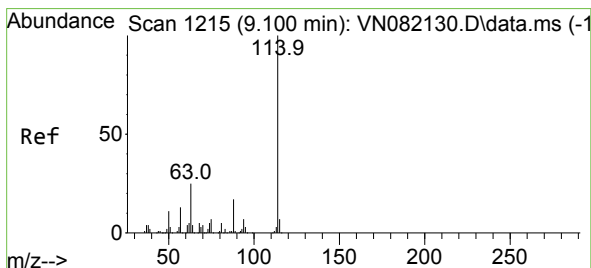
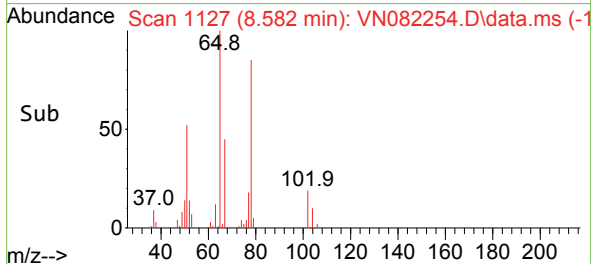
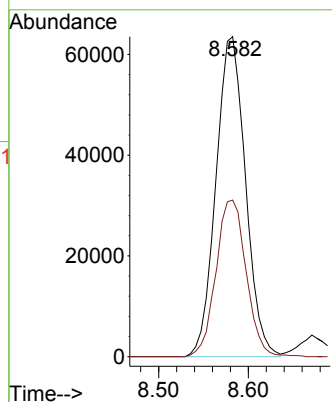
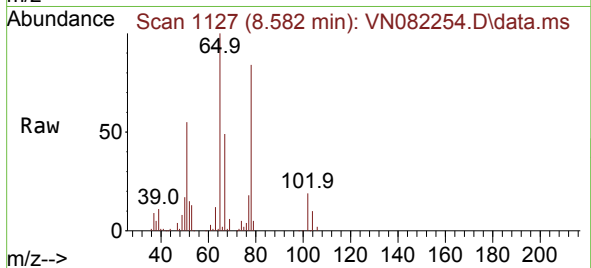
VSTDCCC050EC

Tgt Ion: 65 Resp: 145422

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

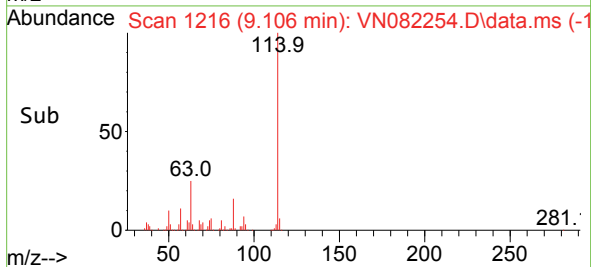
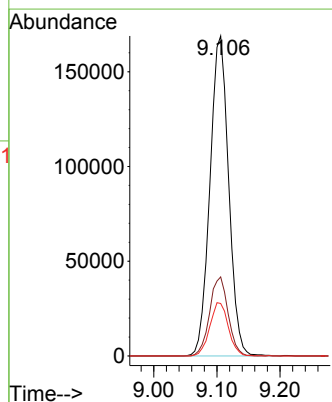
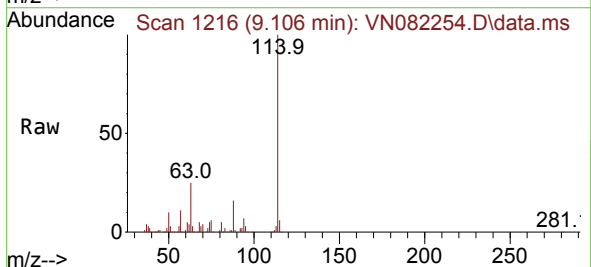
Tgt Ion: 114 Resp: 346963

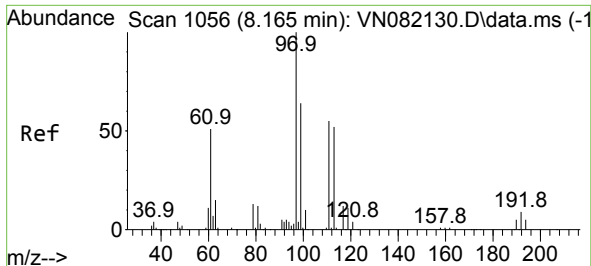
Ion Ratio Lower Upper

114 100

63 24.7 0.0 41.0

88 16.4 0.0 31.4

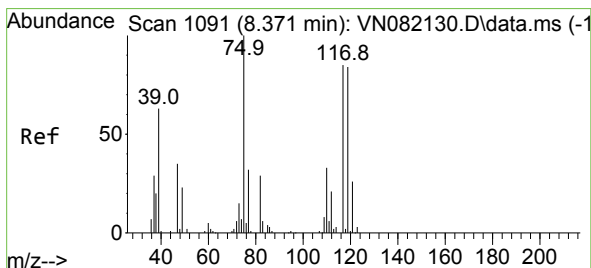
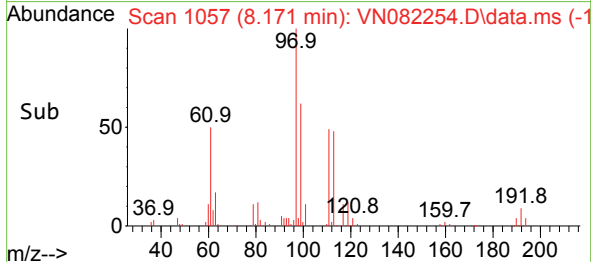
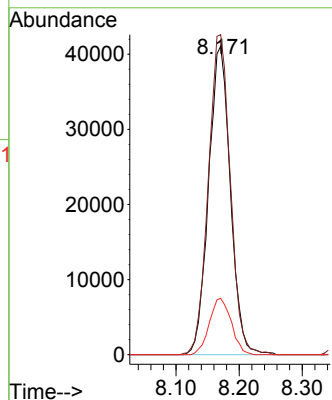
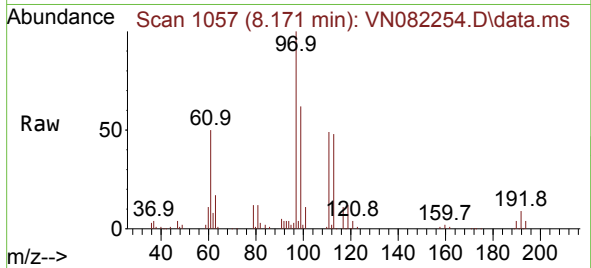




#35
Dibromofluoromethane
Concen: 46.035 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

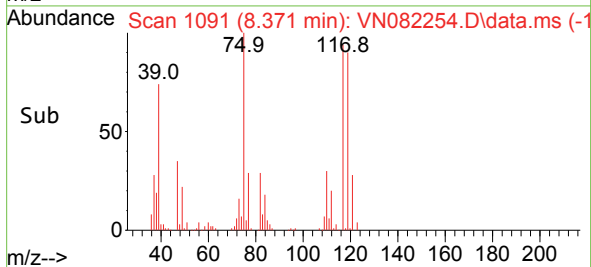
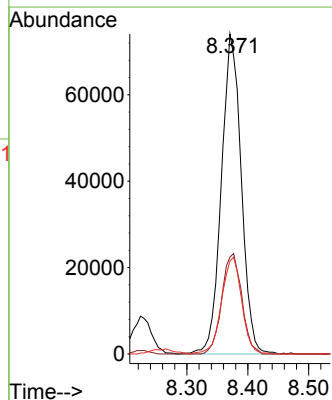
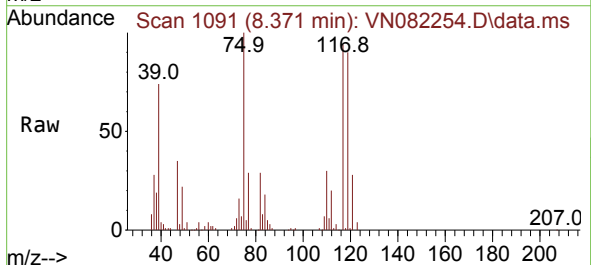
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

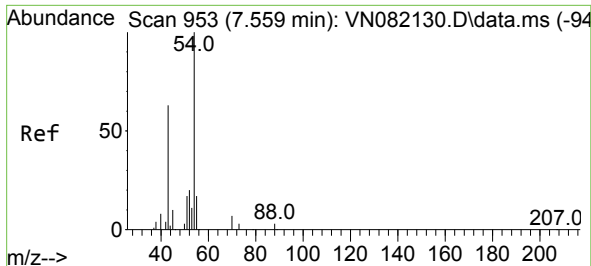
Tgt Ion:113 Resp: 98255
Ion Ratio Lower Upper
113 100
111 104.9 83.4 125.2
192 18.4 14.0 21.0



#36
1,1-Dichloropropene
Concen: 46.872 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 75 Resp: 167786
Ion Ratio Lower Upper
75 100
110 31.6 17.8 53.5
77 30.7 25.0 37.4

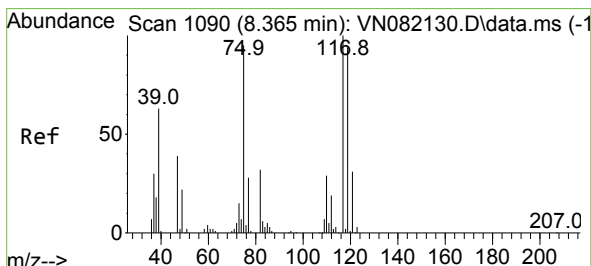
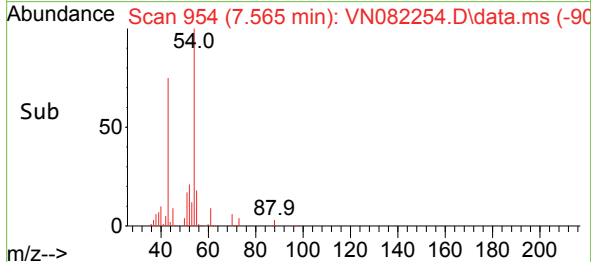
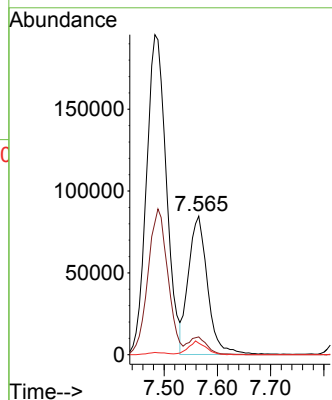
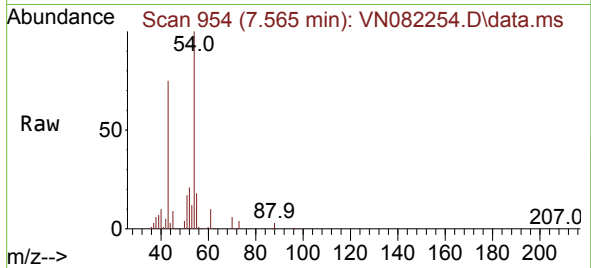




#37
Ethyl Acetate
Concen: 52.702 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

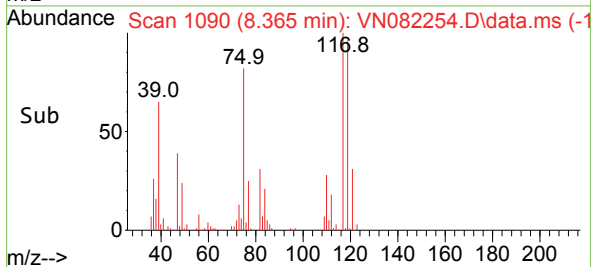
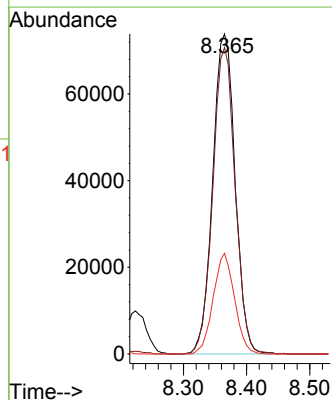
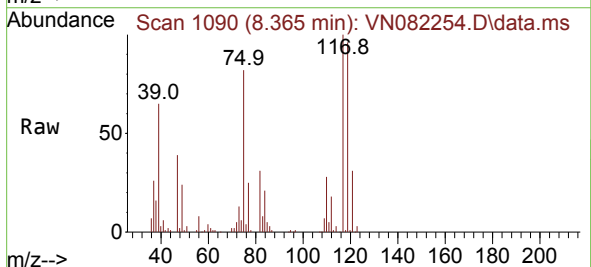
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

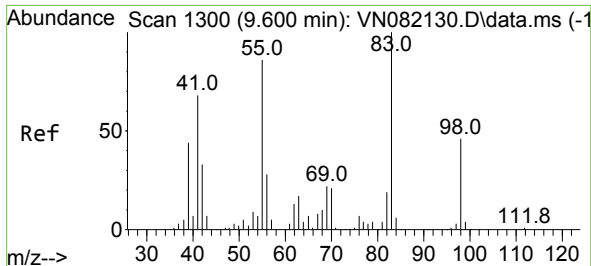
Tgt Ion: 43 Resp: 211129
Ion Ratio Lower Upper
43 100
61 12.6 11.3 16.9
70 8.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 50.206 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 117 Resp: 182184
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
121 31.4 23.9 35.9

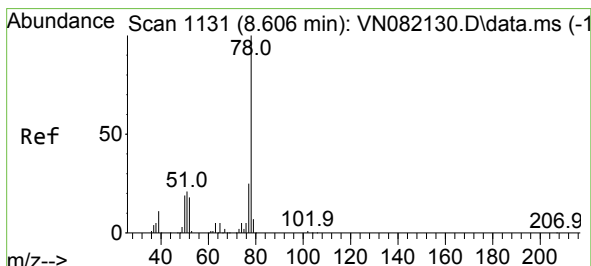
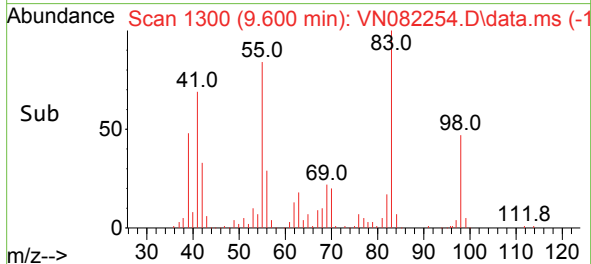
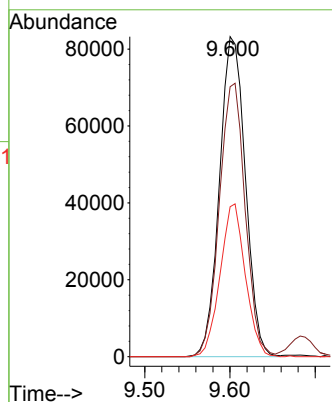
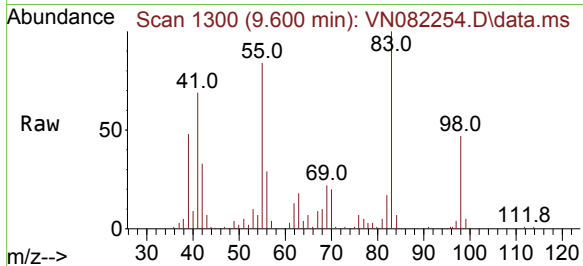




#39
Methylcyclohexane
Concen: 44.828 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

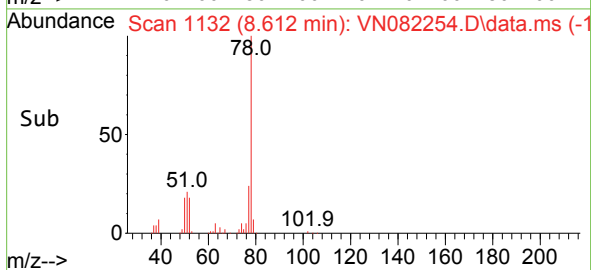
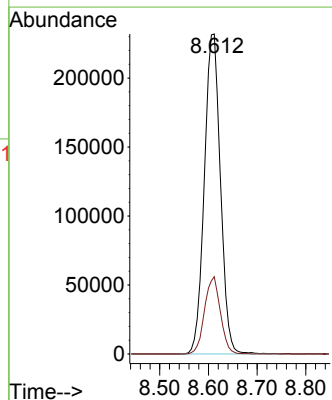
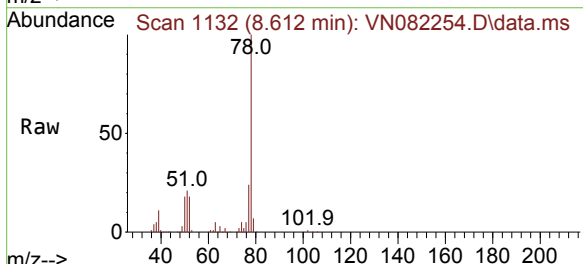
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

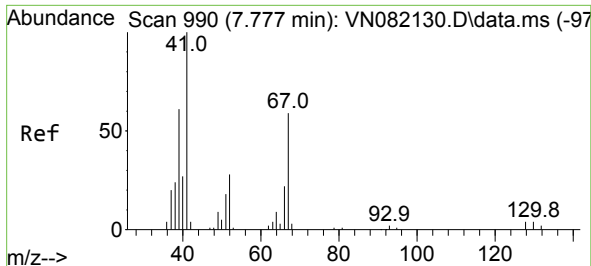
Tgt Ion: 83 Resp: 175896
Ion Ratio Lower Upper
83 100
55 84.4 53.0 79.6#
98 46.8 37.1 55.7



#40
Benzene
Concen: 49.797 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 78 Resp: 531562
Ion Ratio Lower Upper
78 100
77 24.1 20.0 30.0



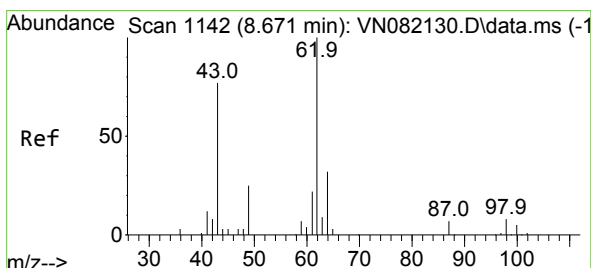
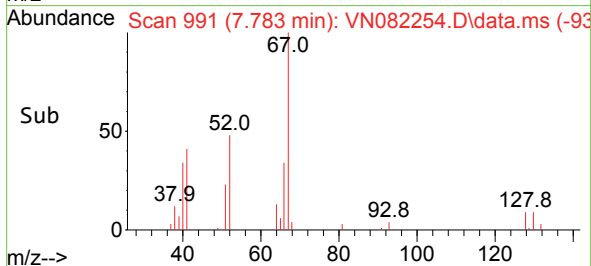
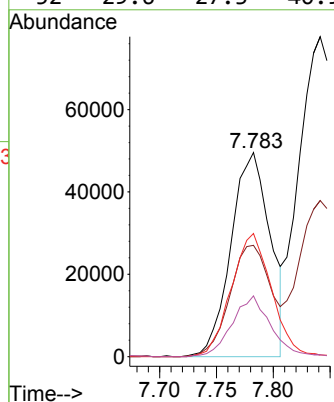
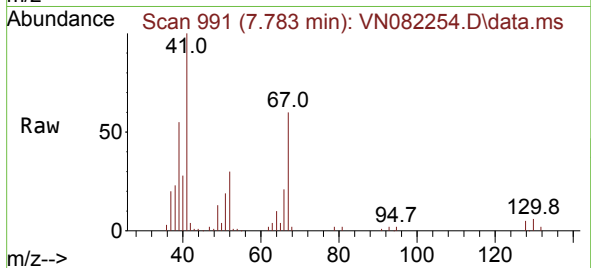


#41
Methacrylonitrile
Concen: 50.515 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 119015

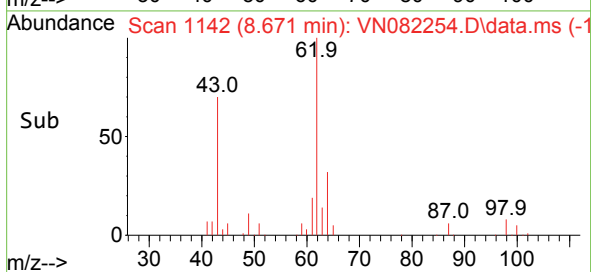
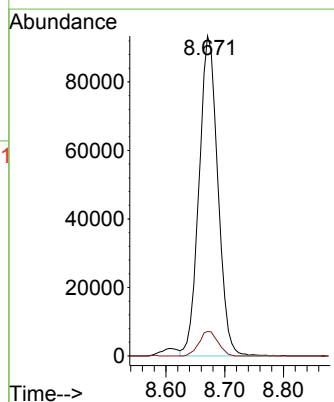
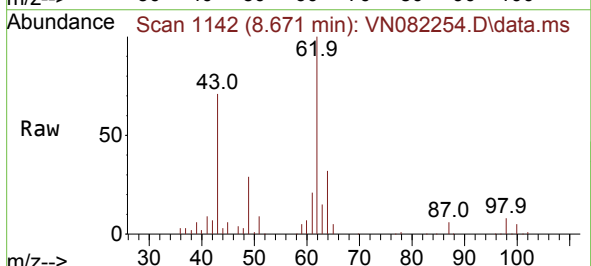
Ion	Ratio	Lower	Upper
41	100		
39	57.2	46.6	69.8
67	62.5	67.3	100.9
52	29.6	27.3	40.9

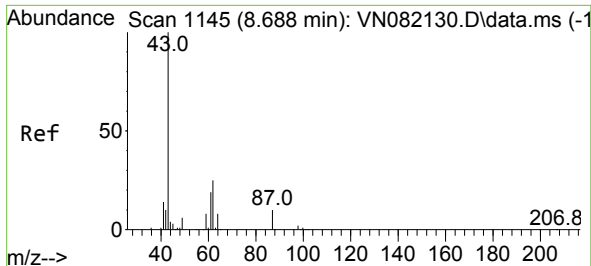


#42
1,2-Dichloroethane
Concen: 50.500 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 62 Resp: 207323

Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	19.6

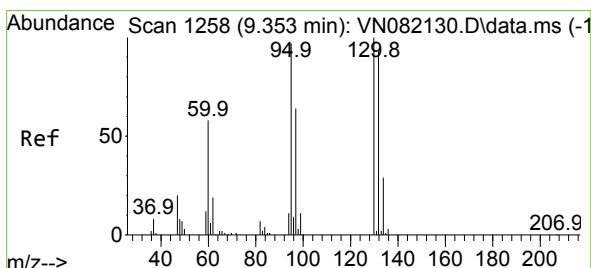
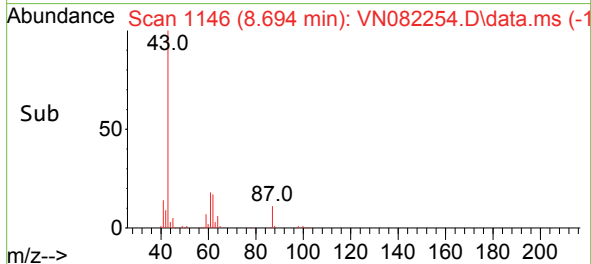
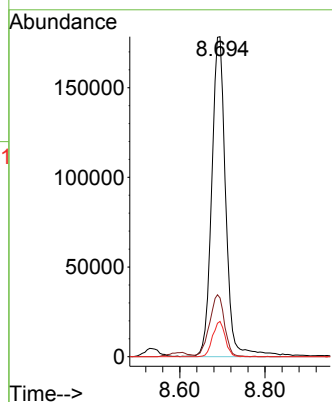
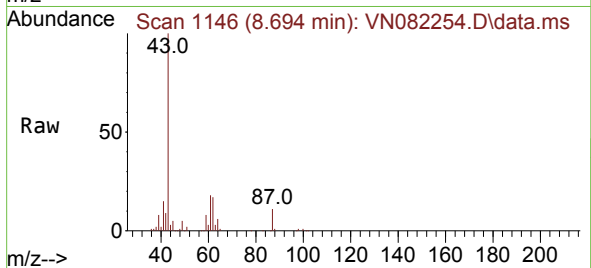




#43
Isopropyl Acetate
Concen: 57.279 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

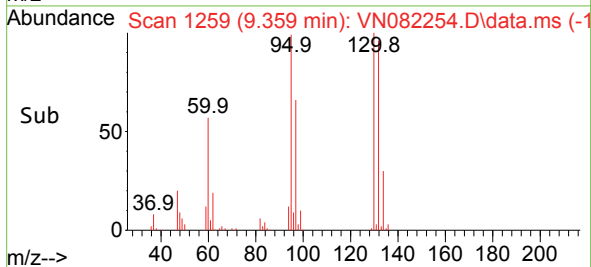
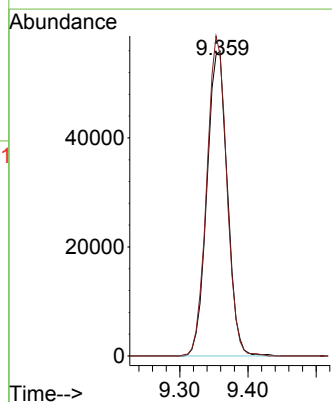
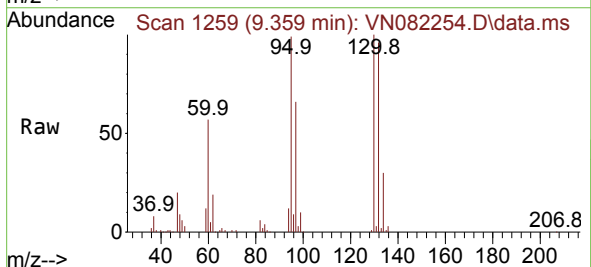
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

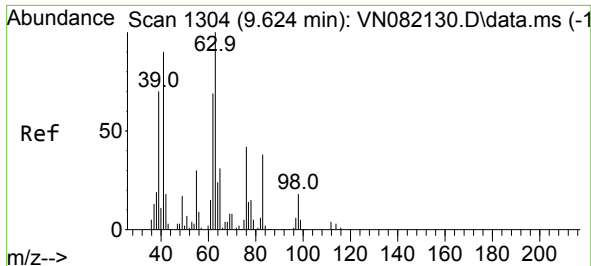
Tgt Ion: 43 Resp: 406594
Ion Ratio Lower Upper
43 100
61 20.6 22.8 34.2#
87 9.9 12.0 18.0#



#44
Trichloroethene
Concen: 48.173 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion:130 Resp: 116810
Ion Ratio Lower Upper
130 100
95 98.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 50.121 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

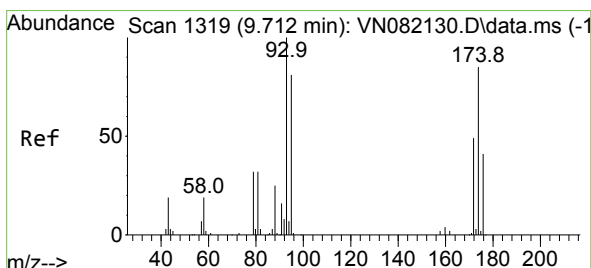
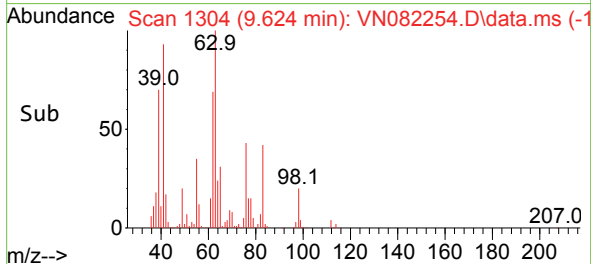
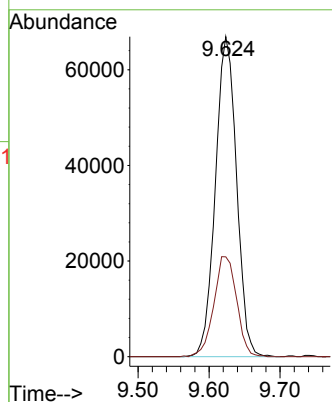
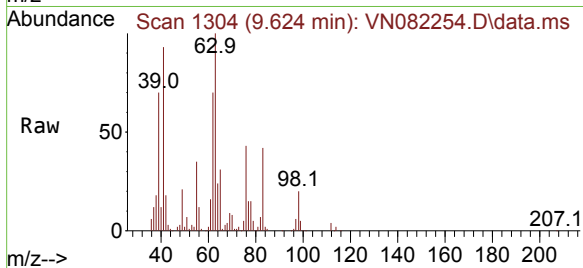
VSTDCCC050EC

Tgt Ion: 63 Resp: 138041

Ion Ratio Lower Upper

63 100

65 31.2 24.1 36.1



#46

Dibromomethane

Concen: 50.100 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

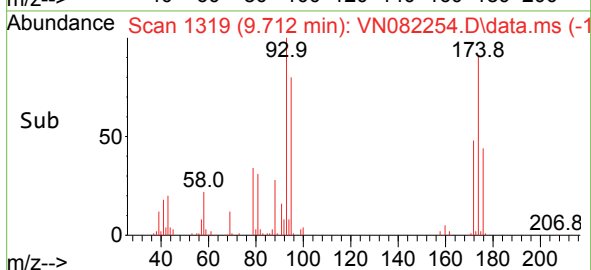
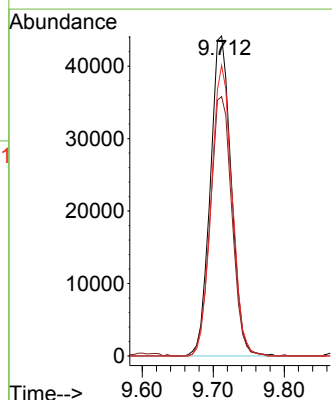
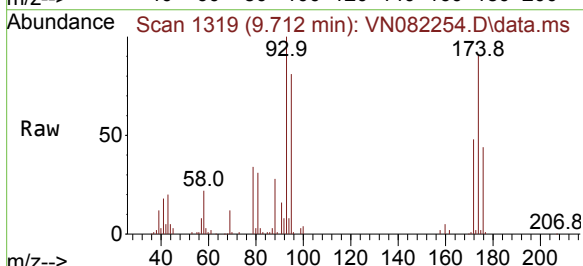
Tgt Ion: 93 Resp: 90590

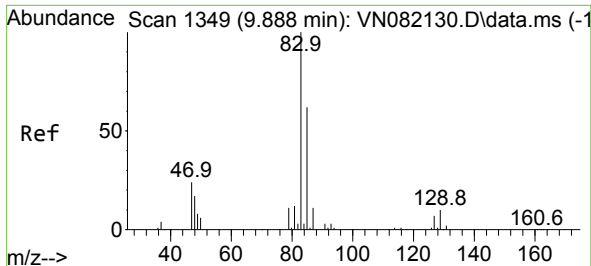
Ion Ratio Lower Upper

93 100

95 83.3 64.8 97.2

174 90.1 73.4 110.0





#47

Bromodichloromethane

Concen: 51.479 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

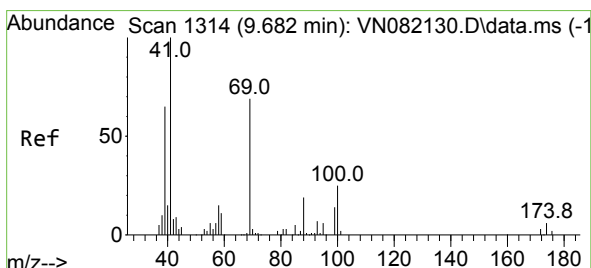
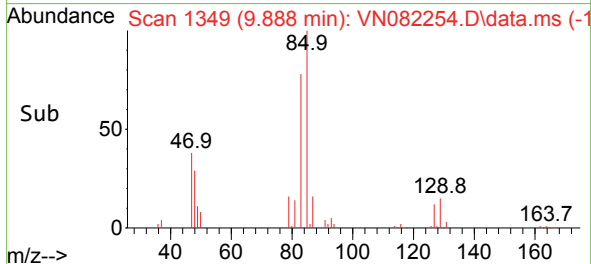
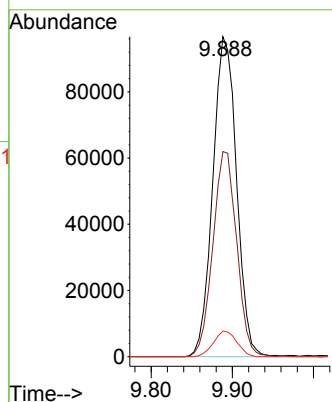
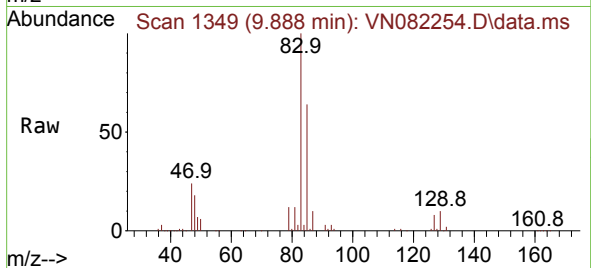
Tgt Ion: 83 Resp: 196509

Ion Ratio Lower Upper

83 100

85 64.1 51.9 77.9

127 8.0 7.5 11.3



#48

Methyl methacrylate

Concen: 52.899 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

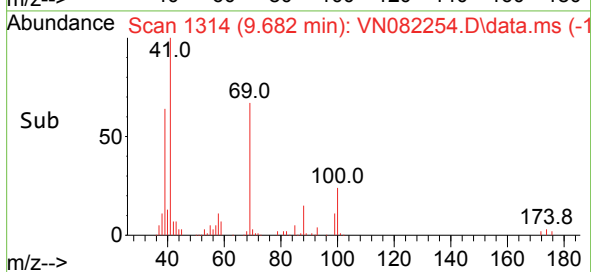
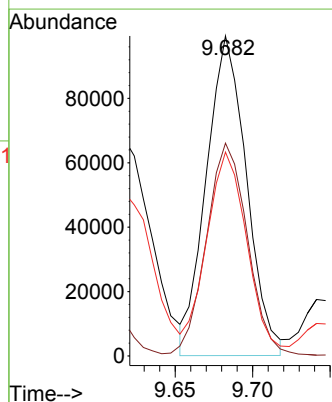
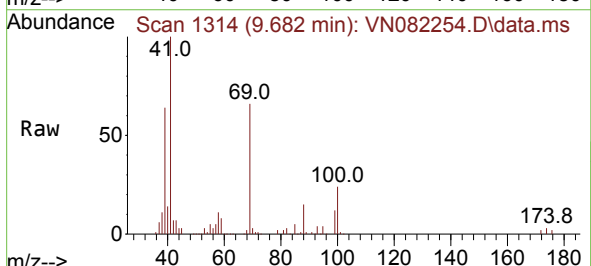
Tgt Ion: 41 Resp: 178926

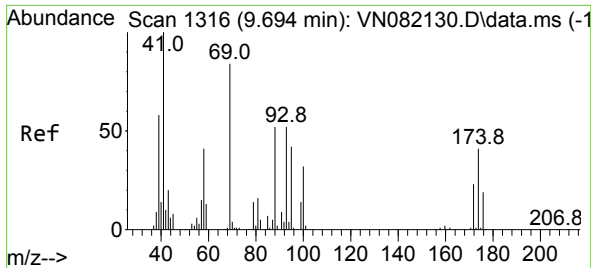
Ion Ratio Lower Upper

41 100

69 68.7 77.9 116.9#

39 65.0 50.9 76.3

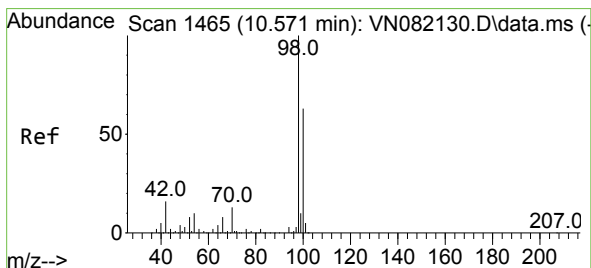
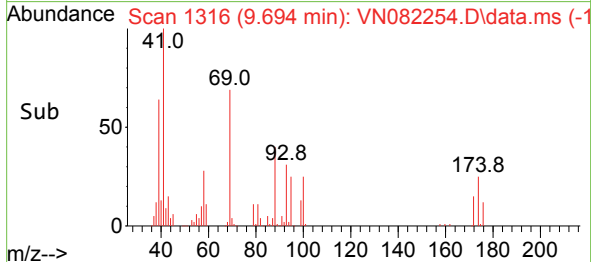
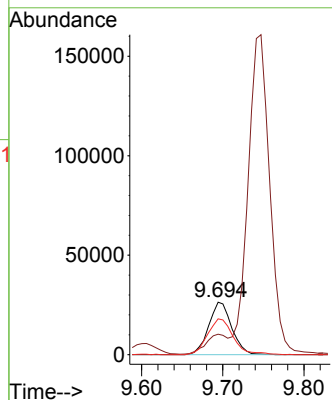
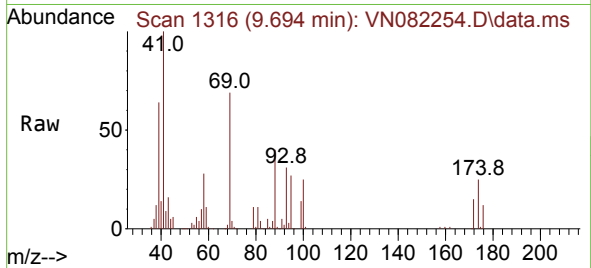




#49
1,4-Dioxane
Concen: 1096.185 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

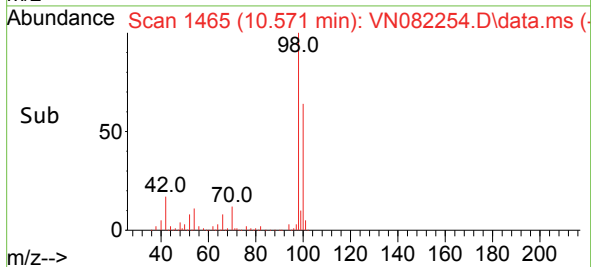
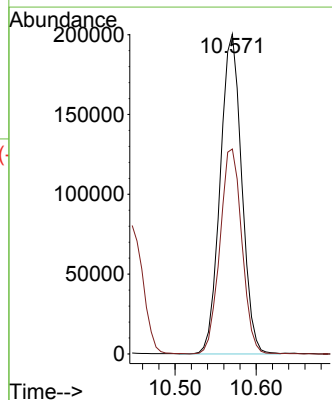
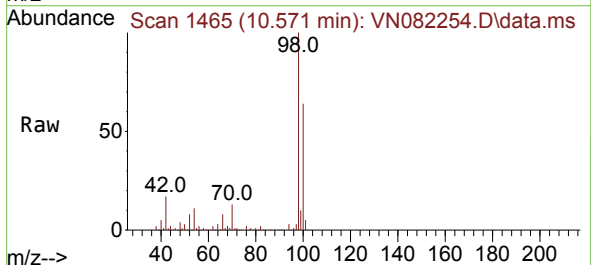
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

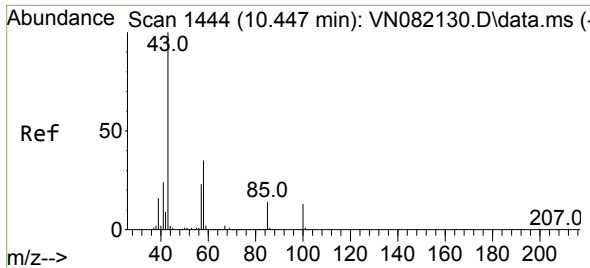
Tgt Ion: 88 Resp: 51956
Ion Ratio Lower Upper
88 100
43 35.4 19.0 28.6#
58 76.5 50.6 76.0#



#50
Toluene-d8
Concen: 45.103 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 98 Resp: 369078
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6

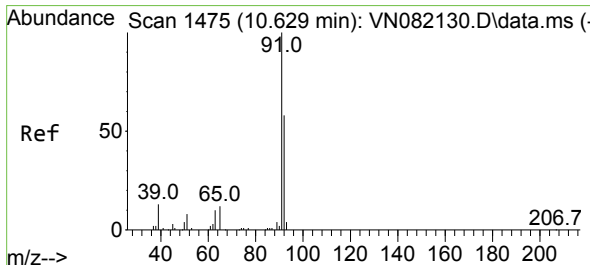
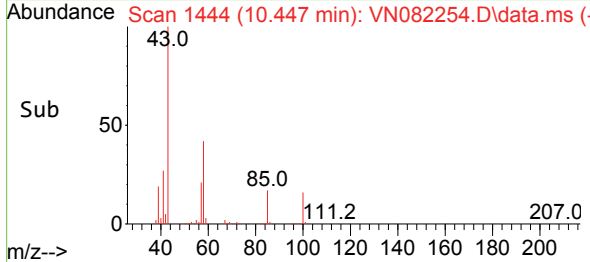
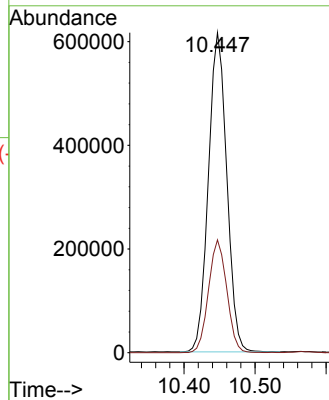
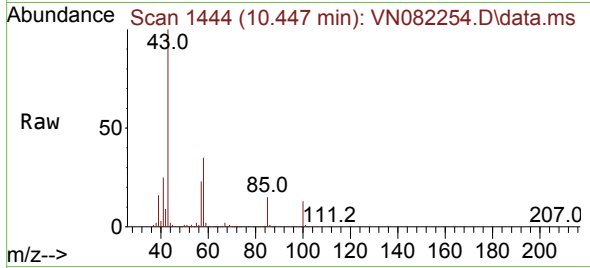




#51
4-Methyl-2-Pentanone
Concen: 274.664 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

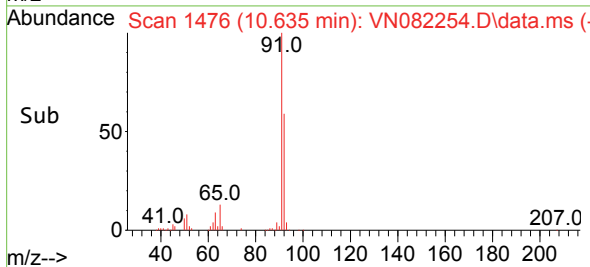
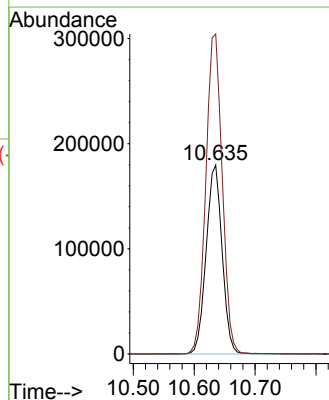
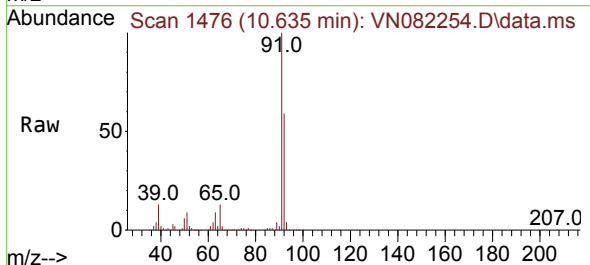
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

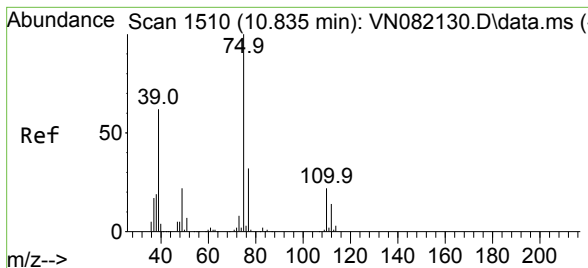
Tgt Ion: 43 Resp: 1107757
Ion Ratio Lower Upper
43 100
58 35.1 33.2 49.8



#52
Toluene
Concen: 50.968 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 92 Resp: 326494
Ion Ratio Lower Upper
92 100
91 174.4 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 52.602 ug/l

RT: 10.841 min Scan# 1510

Delta R.T. 0.006 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

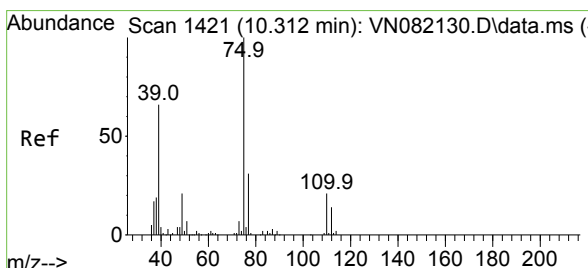
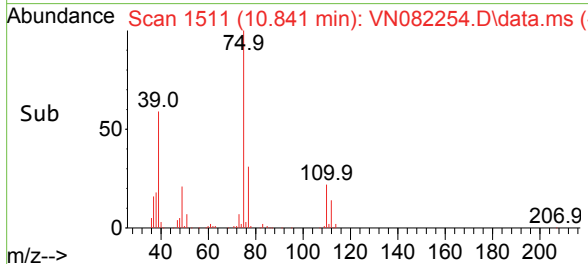
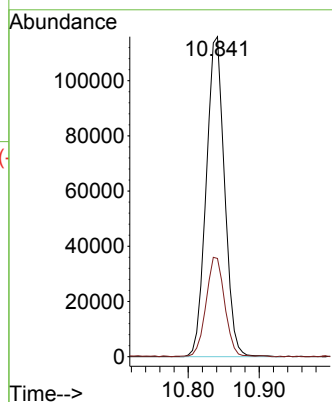
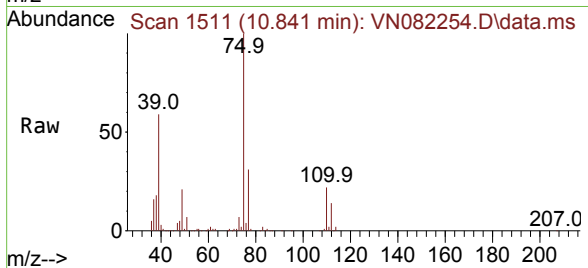
VSTDCCC050EC

Tgt Ion: 75 Resp: 207667

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.989 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

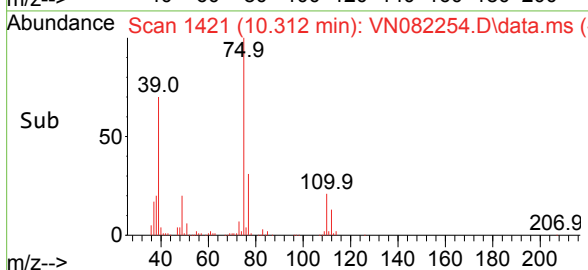
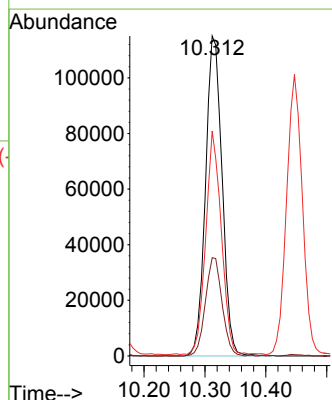
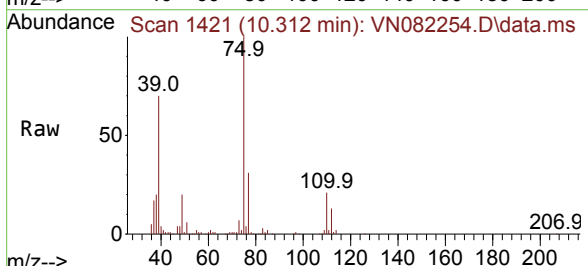
Tgt Ion: 75 Resp: 217259

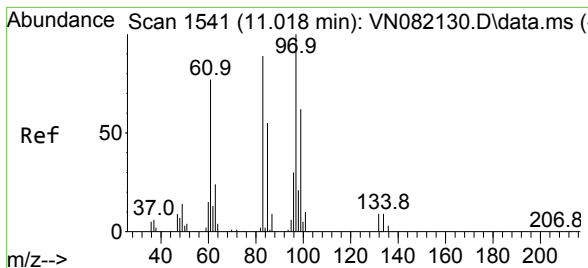
Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4

39 69.8 34.8 52.2#



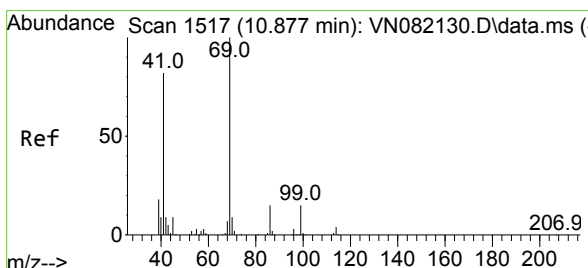
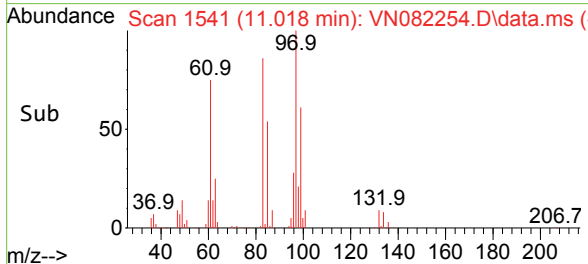
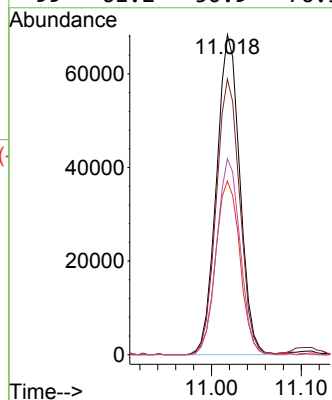
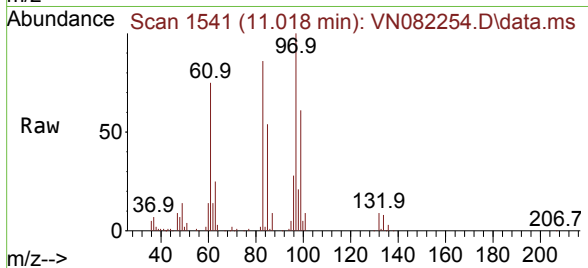


#55
1,1,2-Trichloroethane
Concen: 53.139 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 123703

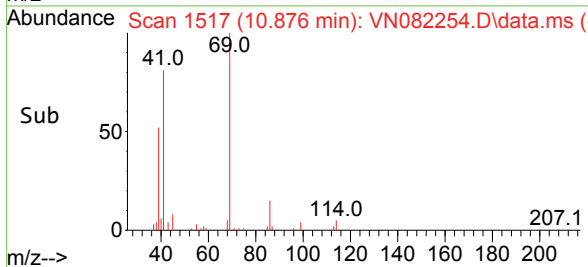
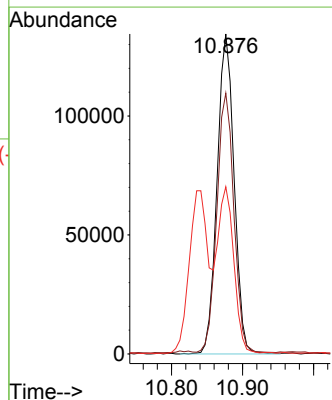
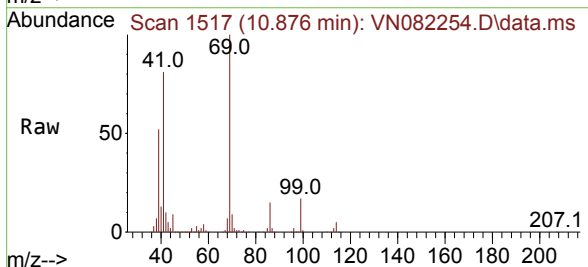
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.4	105.6
85	54.3	45.6	68.4
99	61.2	50.9	76.3

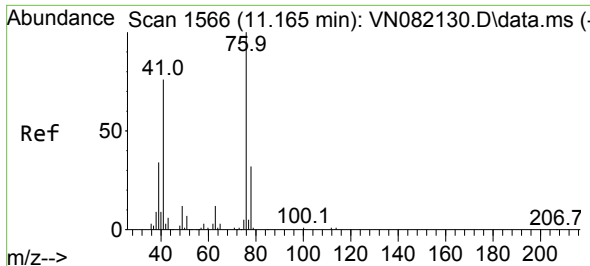


#56
Ethyl methacrylate
Concen: 56.450 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 69 Resp: 223111

Ion	Ratio	Lower	Upper
69	100		
41	81.2	46.6	70.0#
39	47.4	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 51.094 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

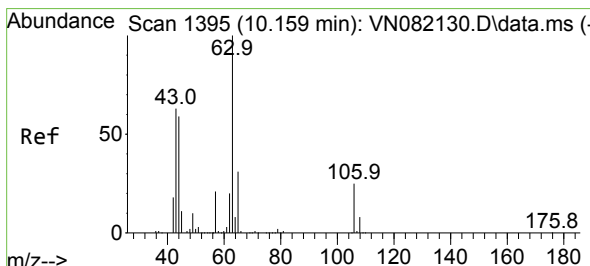
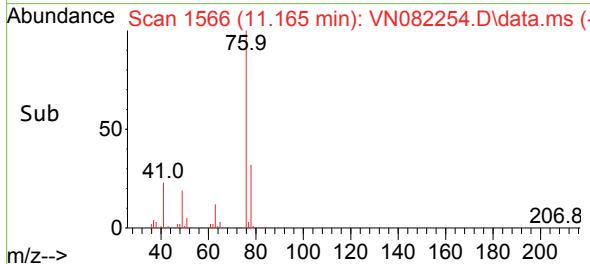
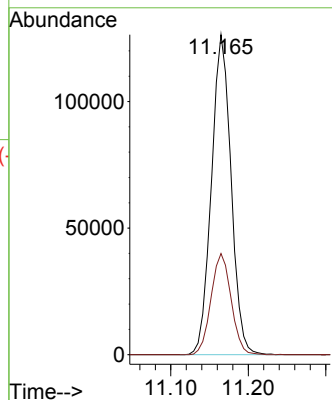
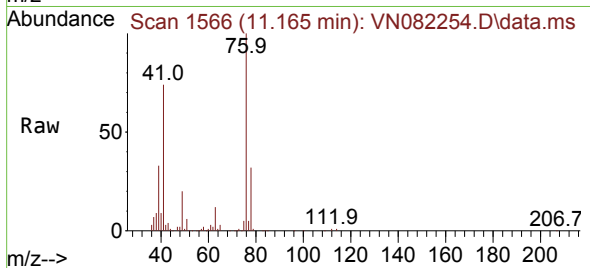
VSTDCCC050EC

Tgt Ion: 76 Resp: 222391

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 268.195 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN082254.D

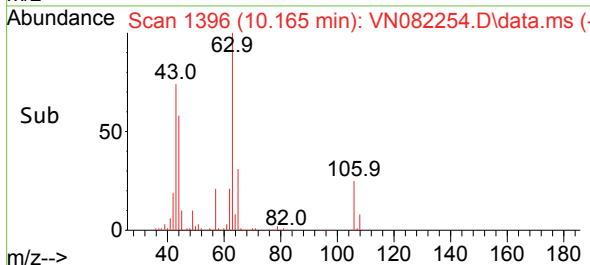
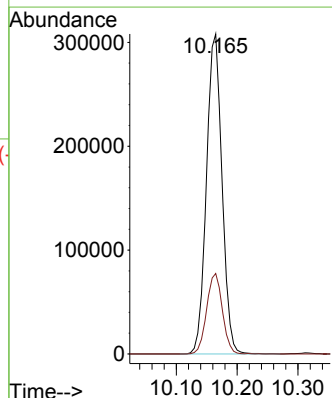
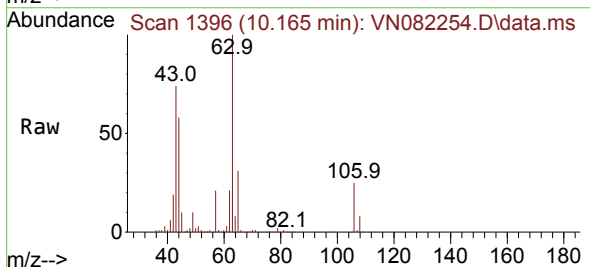
Acq: 21 May 2024 20:44

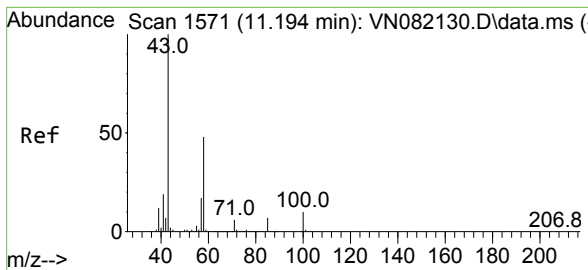
Tgt Ion: 63 Resp: 546751

Ion Ratio Lower Upper

63 100

106 25.4 24.6 36.8

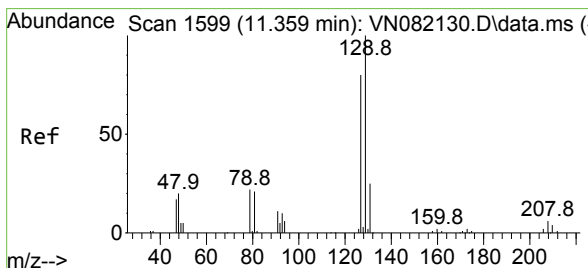
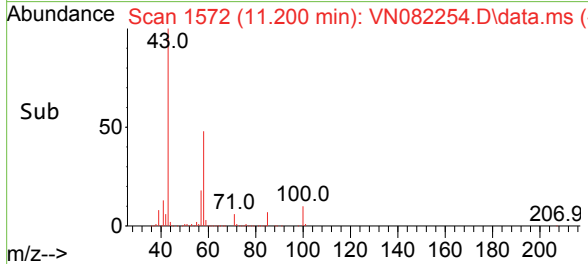
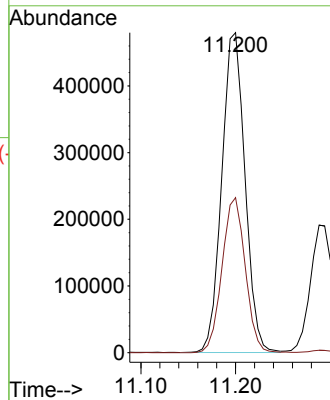
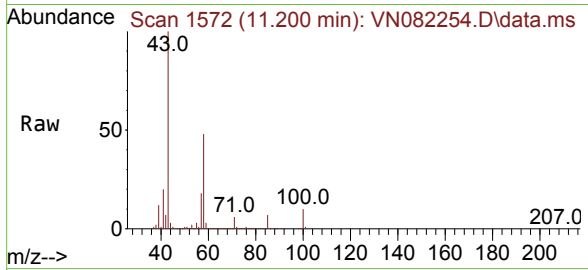




#59
2-Hexanone
Concen: 276.837 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

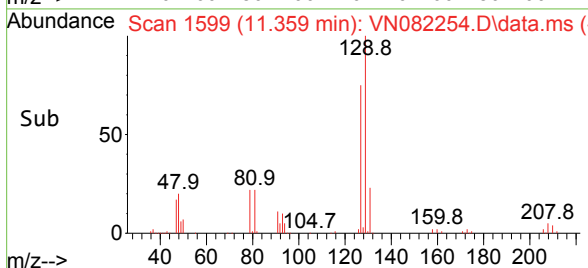
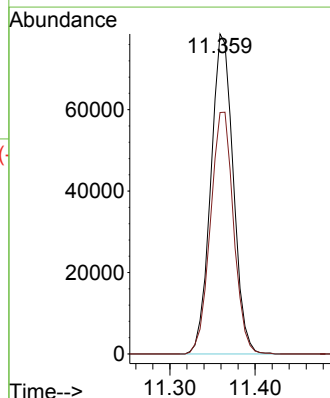
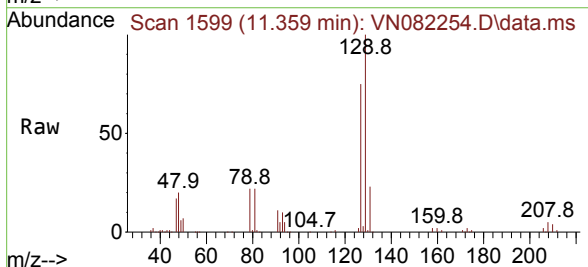
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

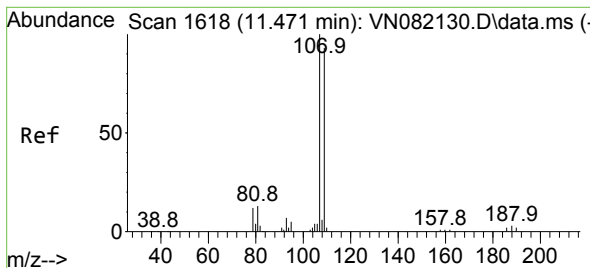
Tgt Ion: 43 Resp: 817522
Ion Ratio Lower Upper
43 100
58 48.5 28.3 84.9



#60
Dibromochloromethane
Concen: 55.980 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 129 Resp: 143814
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.8

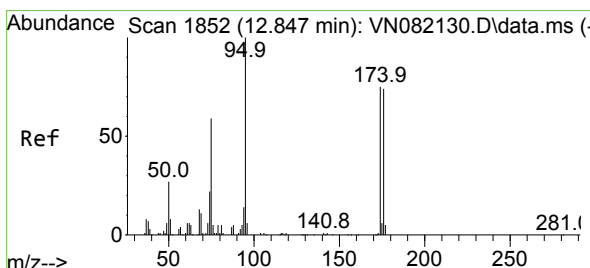
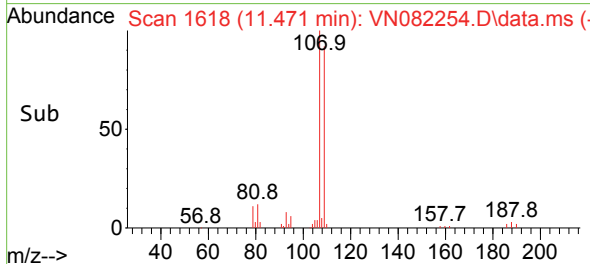
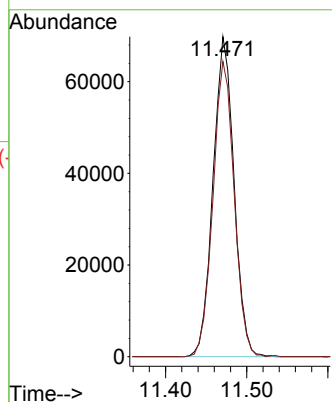
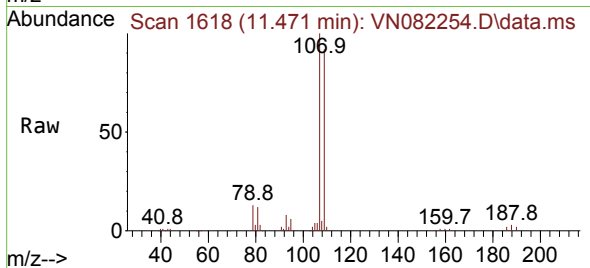




#61
1,2-Dibromoethane
Concen: 52.397 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

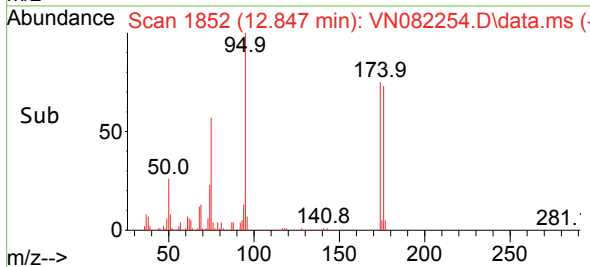
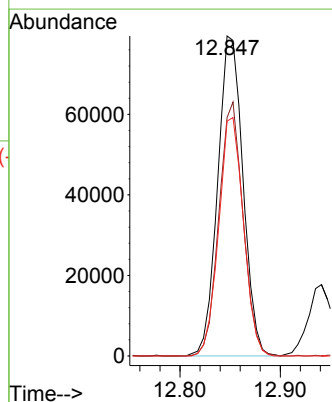
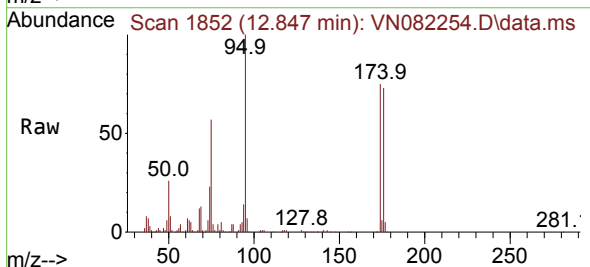
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

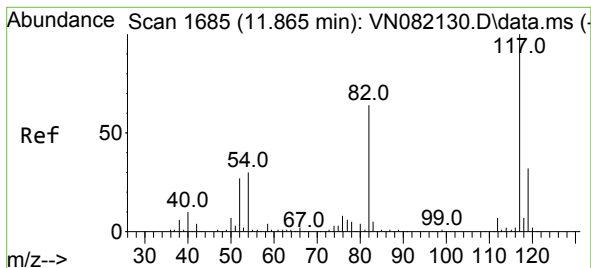
Tgt Ion:107 Resp: 125285
Ion Ratio Lower Upper
107 100
109 93.2 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 47.546 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 95 Resp: 138866
Ion Ratio Lower Upper
95 100
174 75.7 0.0 160.6
176 73.0 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

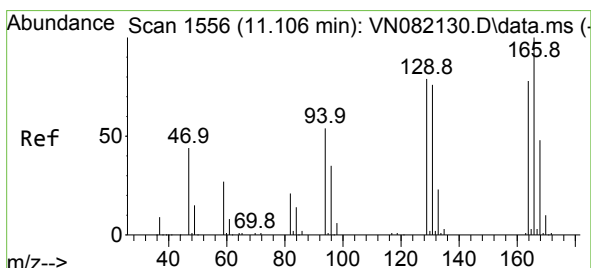
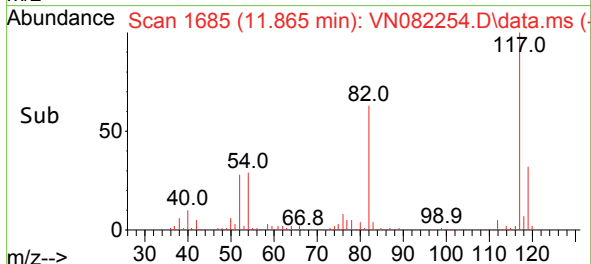
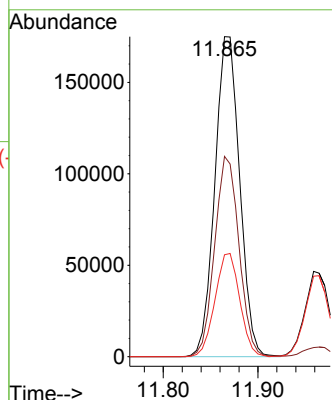
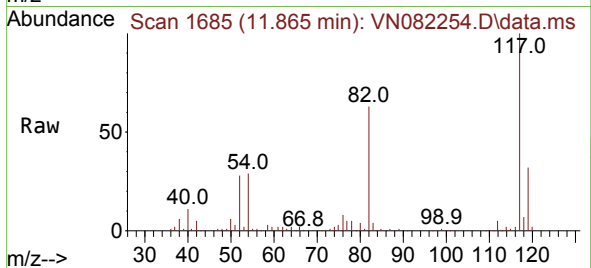
Tgt Ion:117 Resp: 318903

Ion Ratio Lower Upper

117 100

82 62.6 44.6 66.8

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 47.780 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Tgt Ion:164 Resp: 112937

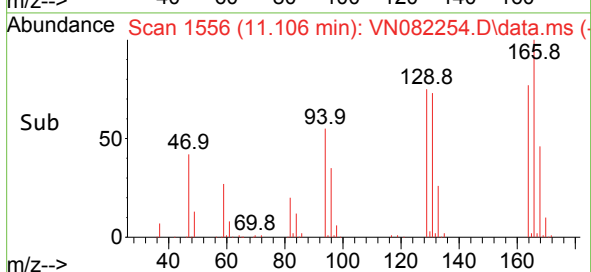
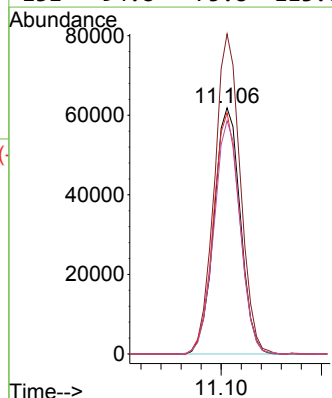
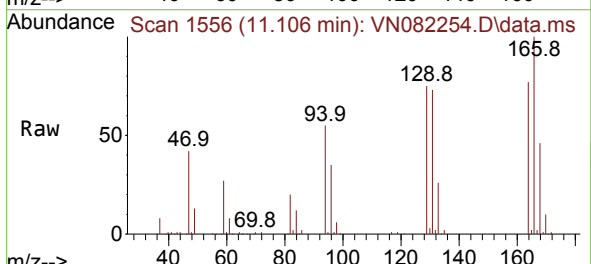
Ion Ratio Lower Upper

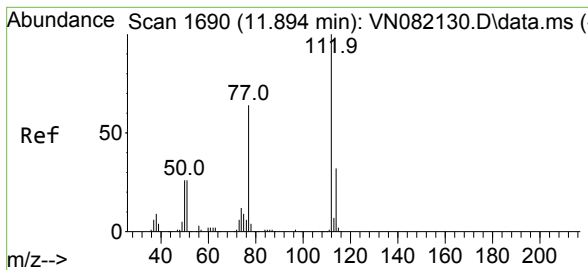
164 100

166 130.0 97.6 146.4

129 97.9 73.7 110.5

131 94.8 75.8 113.6

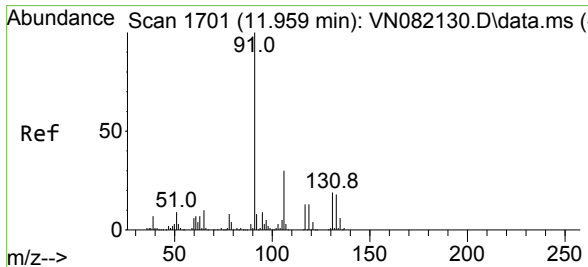
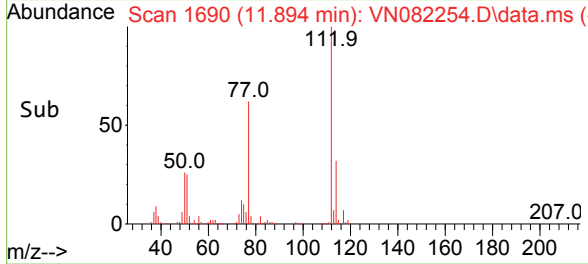
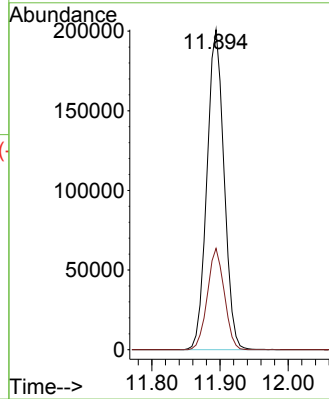
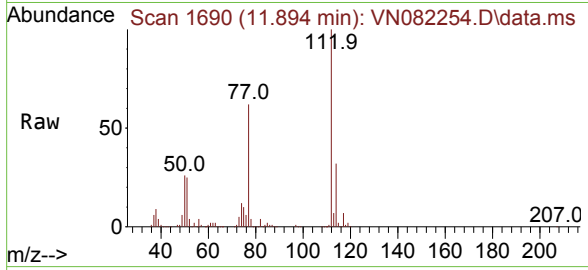




#65
Chlorobenzene
Concen: 49.758 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

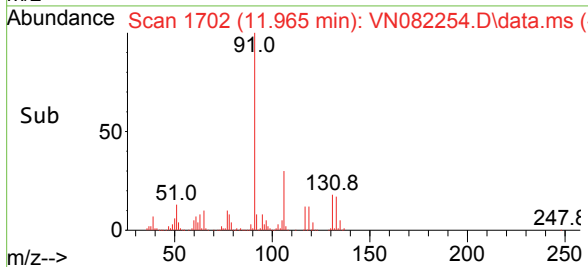
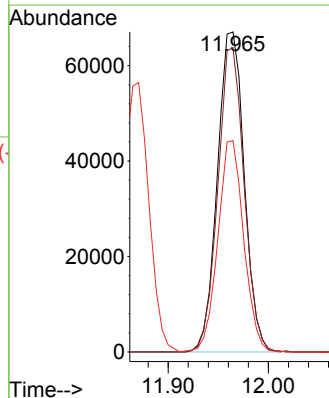
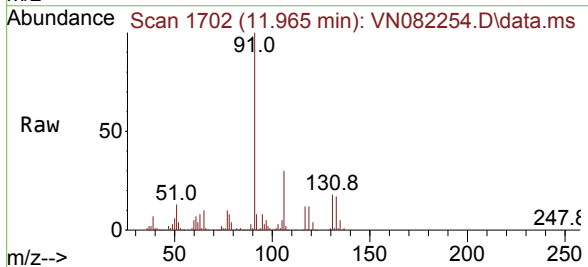
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

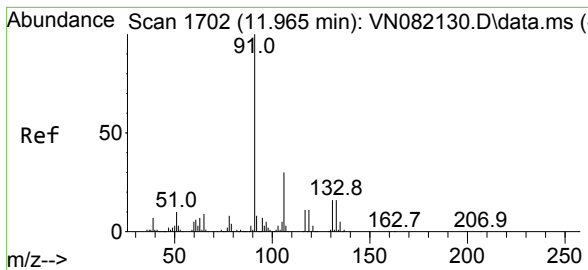
Tgt Ion:112 Resp: 350544
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.632 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion:131 Resp: 124458
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.6
119 63.8 32.9 98.7

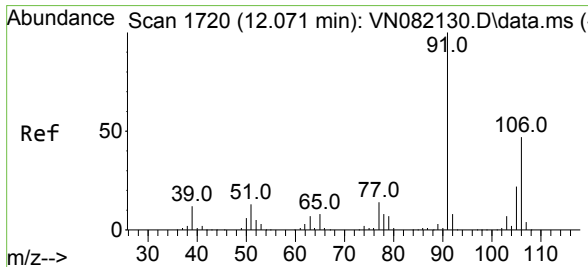
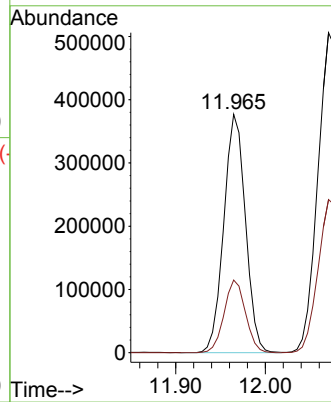
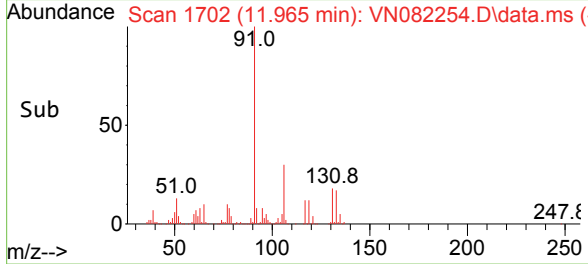
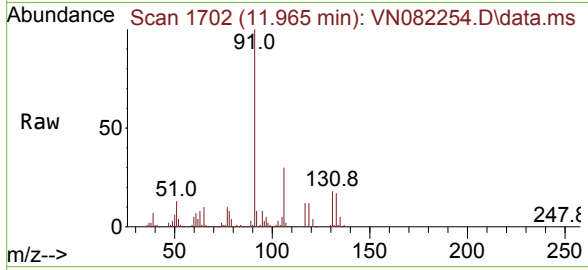




#67
Ethyl Benzene
Concen: 50.139 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

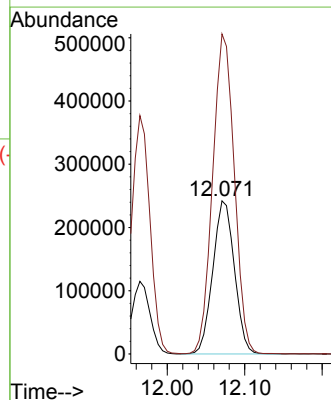
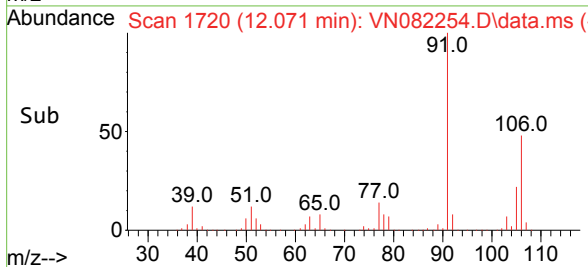
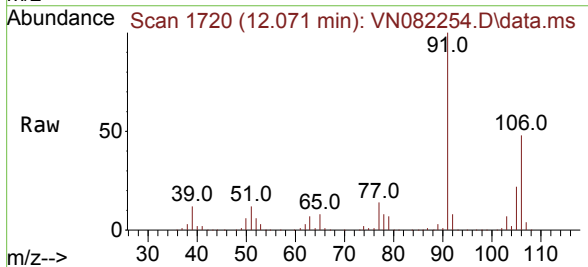
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

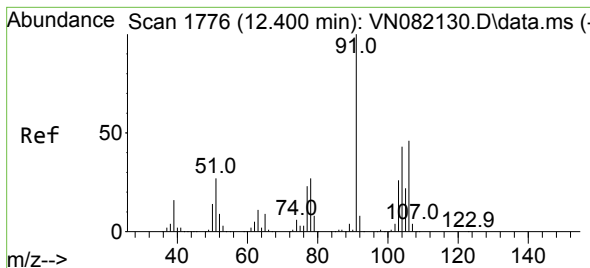
Tgt Ion: 91 Resp: 631886
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9



#68
m/p-Xylenes
Concen: 101.446 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion:106 Resp: 468569
Ion Ratio Lower Upper
106 100
91 209.9 159.4 239.0

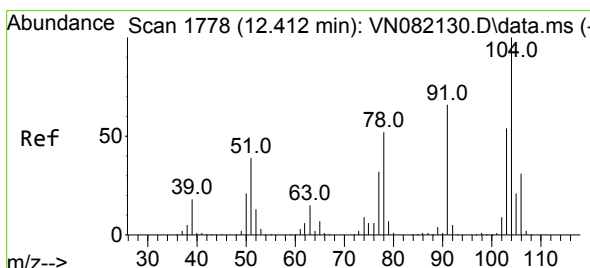
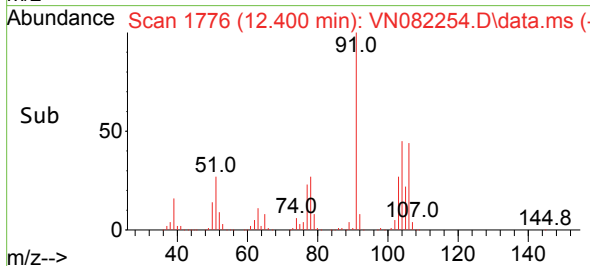
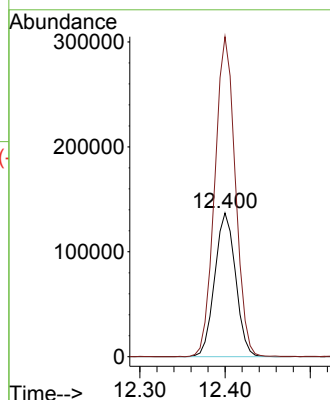
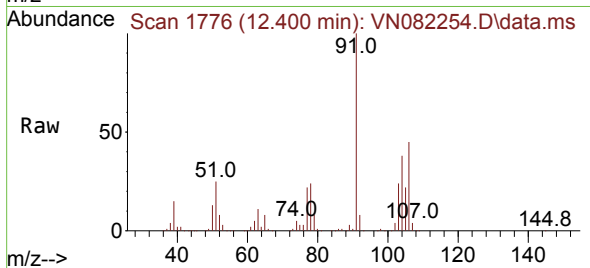




#69
o-Xylene
Concen: 51.944 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

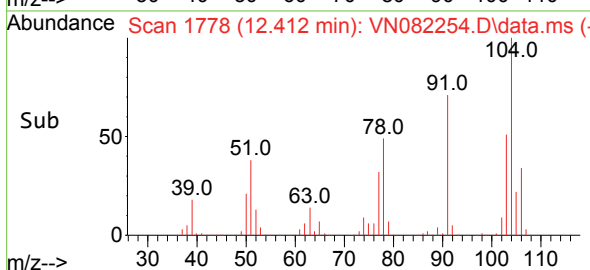
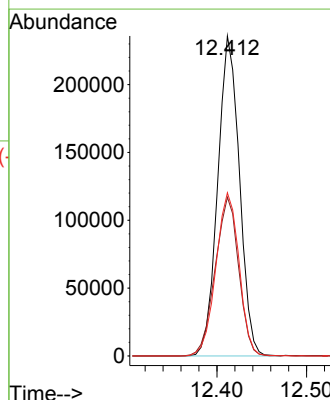
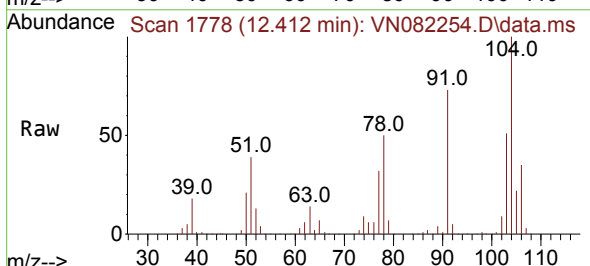
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

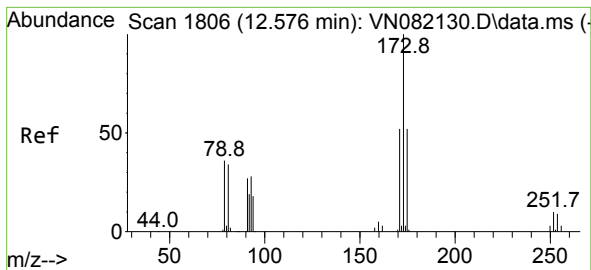
Tgt Ion:106 Resp: 232410
Ion Ratio Lower Upper
106 100
91 220.6 104.7 314.1



#70
Styrene
Concen: 53.324 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion:104 Resp: 396291
Ion Ratio Lower Upper
104 100
78 53.7 38.6 58.0
103 54.4 43.8 65.6





#71

Bromoform

Concen: 51.550 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

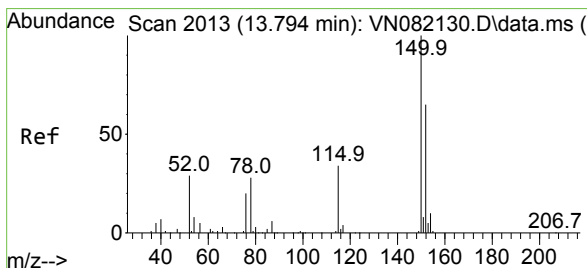
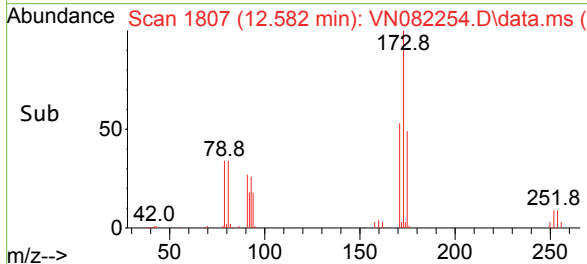
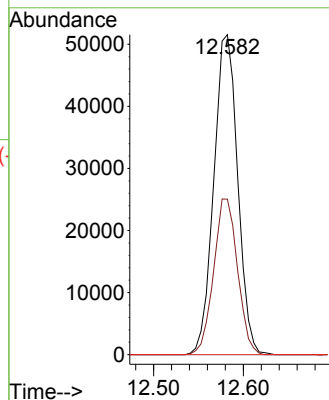
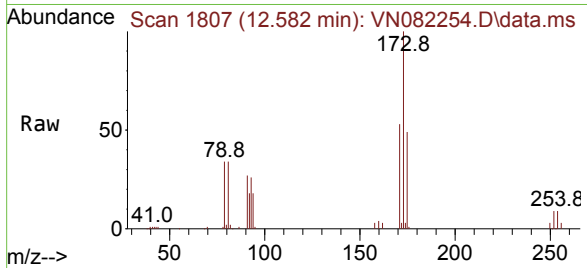
Tgt Ion:173 Resp: 95185

Ion Ratio Lower Upper

173 100

175 48.8 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

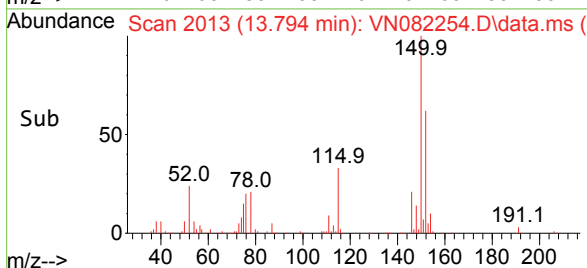
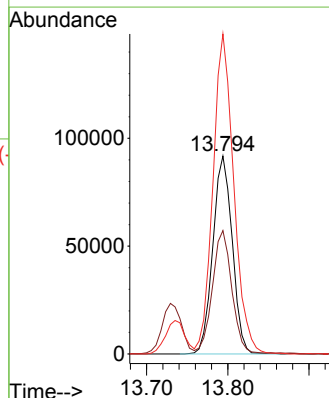
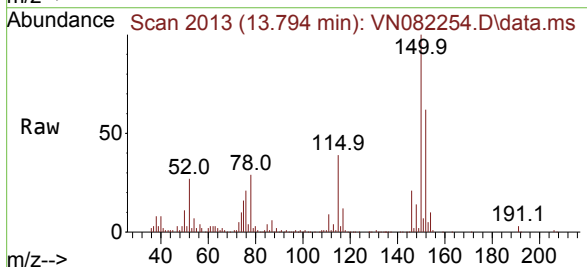
Tgt Ion:152 Resp: 152315

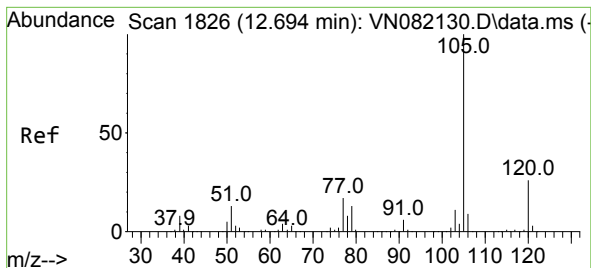
Ion Ratio Lower Upper

152 100

115 61.3 30.4 91.3

150 173.6 0.0 353.2





#73

Isopropylbenzene

Concen: 48.560 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

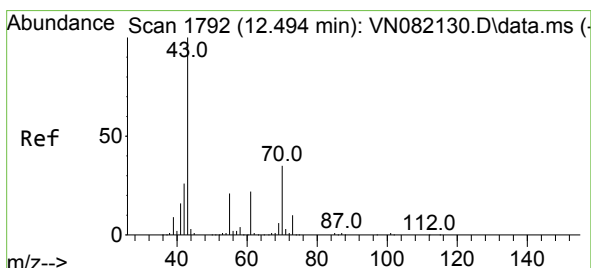
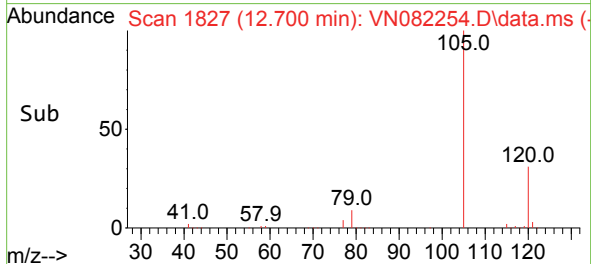
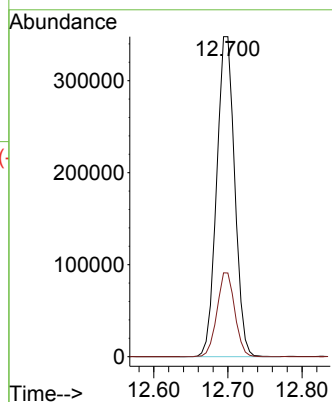
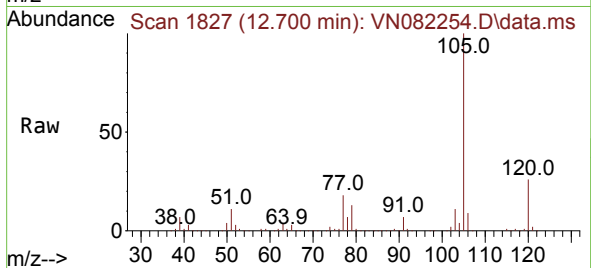
VSTDCCC050EC

Tgt Ion:105 Resp: 587600

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1



#74

N-ethyl acetate

Concen: 51.844 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Tgt Ion: 43 Resp: 345077

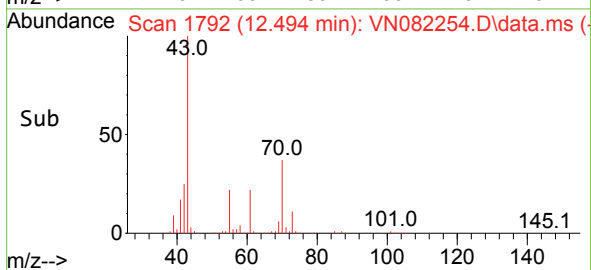
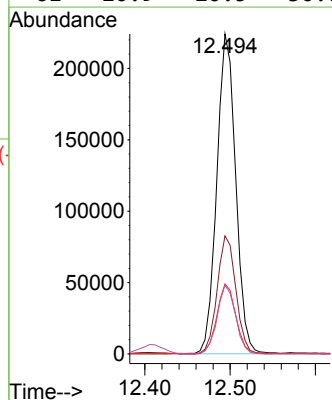
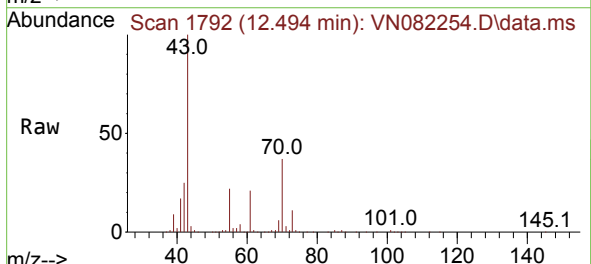
Ion Ratio Lower Upper

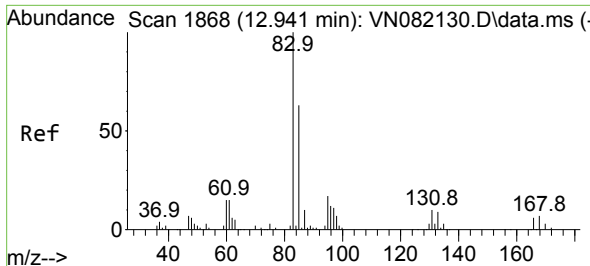
43 100

70 36.6 39.0 58.4#

55 21.9 21.3 31.9

61 20.9 20.5 30.7

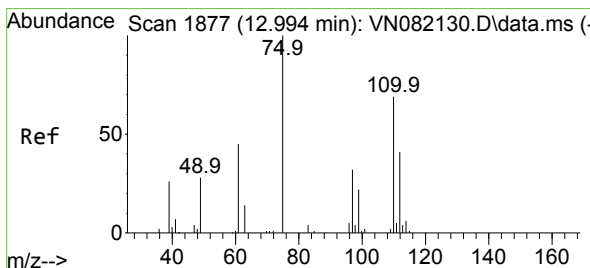
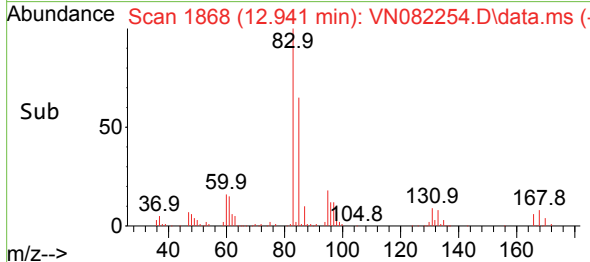
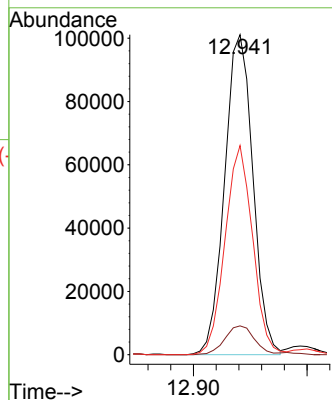
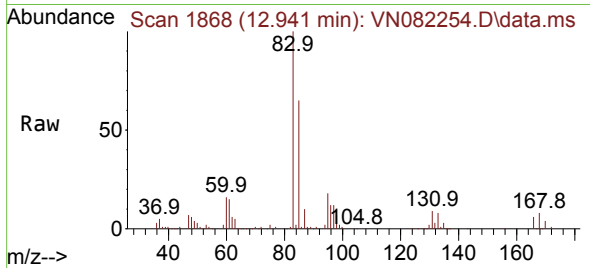




#75
1,1,2,2-Tetrachloroethane
Concen: 50.164 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

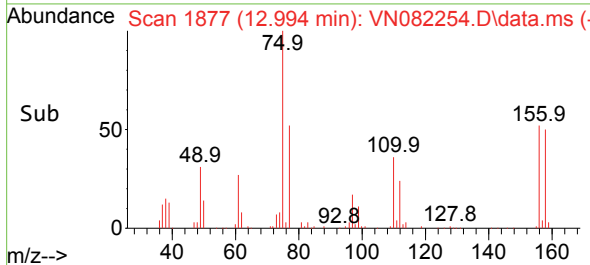
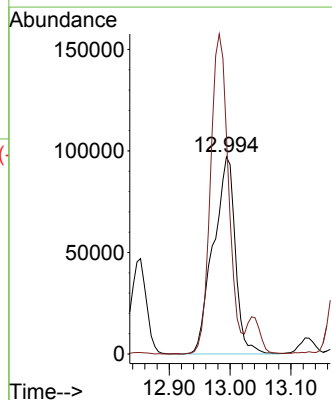
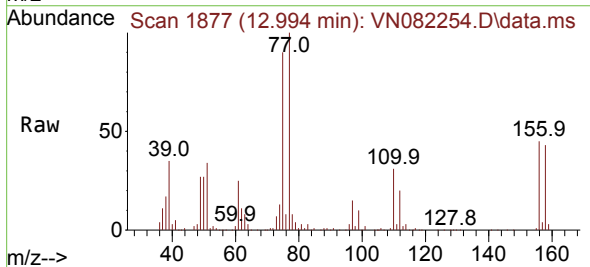
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MSVOA_N
ClientSampleId :
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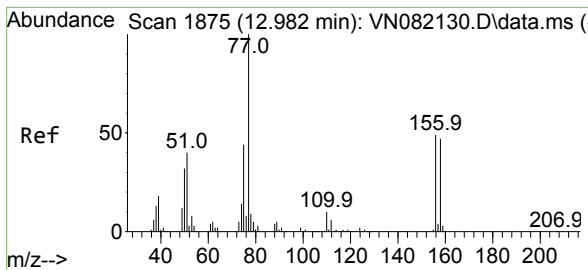
Tgt Ion: 83 Resp: 174978
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.4
85 63.7 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 76.075 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 75 Resp: 243888
Ion Ratio Lower Upper
75 100
77 132.8 90.5 271.3

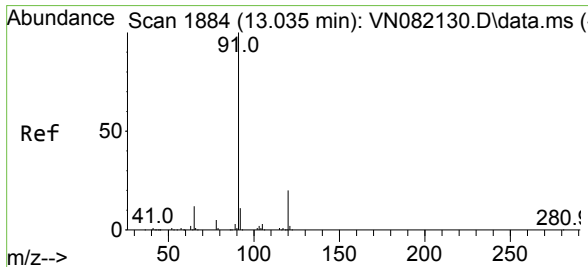
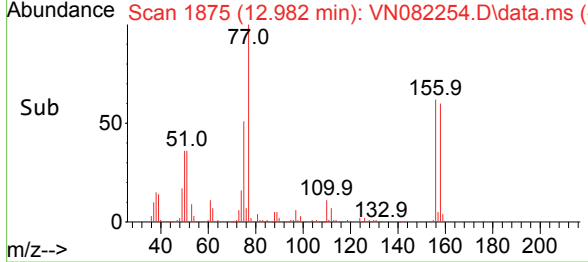
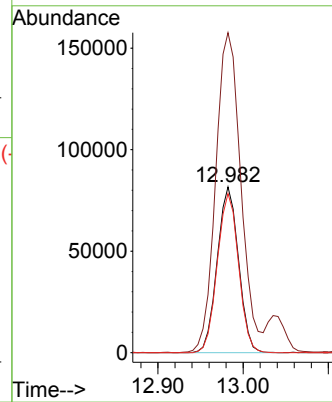
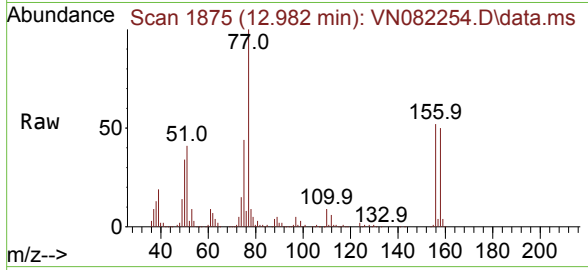




#77
Bromobenzene
Concen: 49.120 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

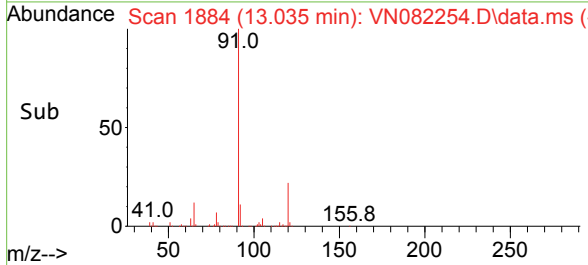
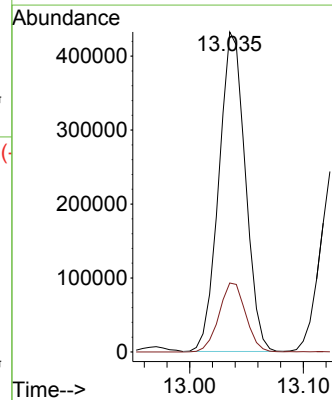
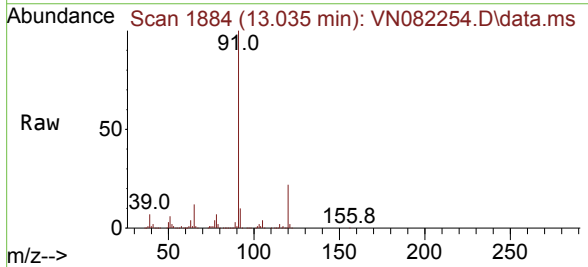
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

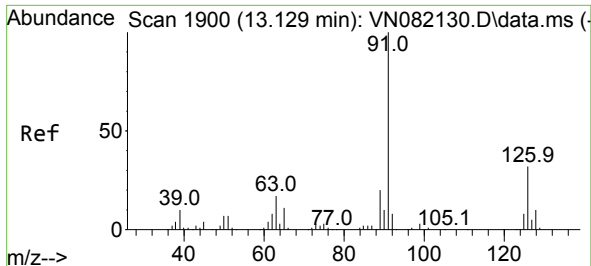
Tgt Ion:156 Resp: 141649
Ion Ratio Lower Upper
156 100
77 228.7 100.2 300.6
158 95.7 49.1 147.3



#78
n-propylbenzene
Concen: 48.763 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 91 Resp: 698731
Ion Ratio Lower Upper
91 100
120 21.7 11.7 35.0

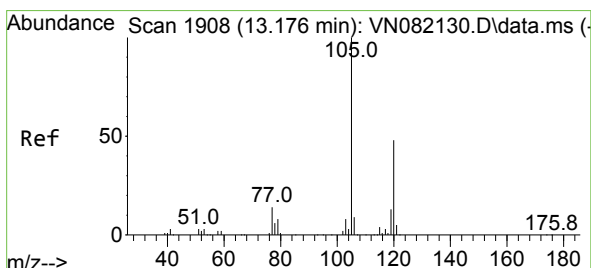
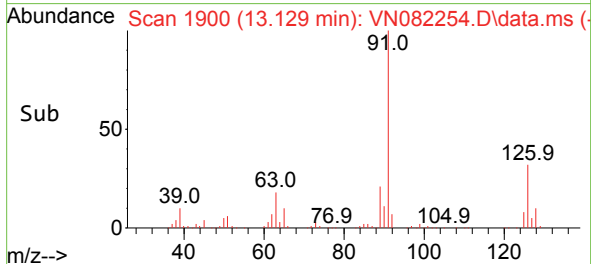
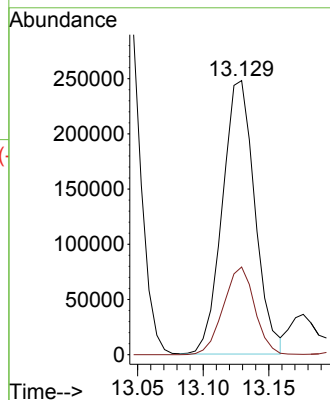
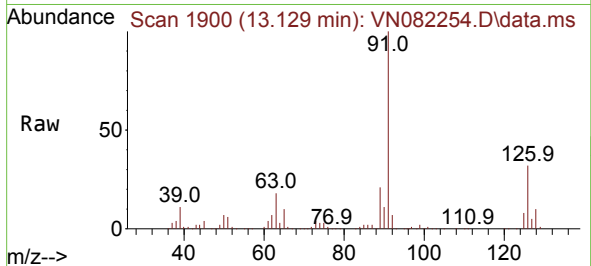




#79
2-Chlorotoluene
Concen: 47.535 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

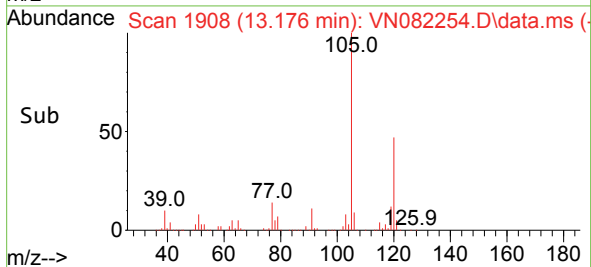
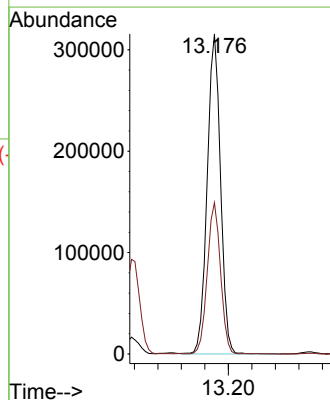
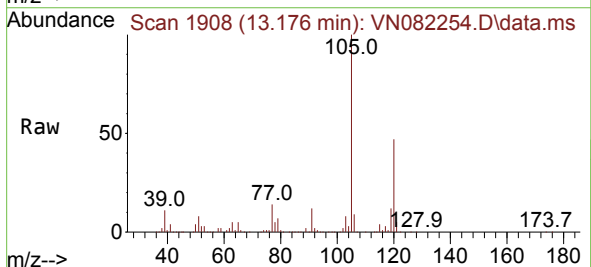
Instrument :
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ClientSampleId :
VSTDCCC050EC

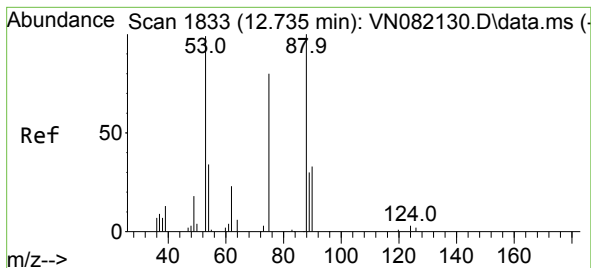
Tgt Ion: 91 Resp: 427712
Ion Ratio Lower Upper
91 100
126 30.9 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 50.755 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion:105 Resp: 496608
Ion Ratio Lower Upper
105 100
120 46.7 24.8 74.3

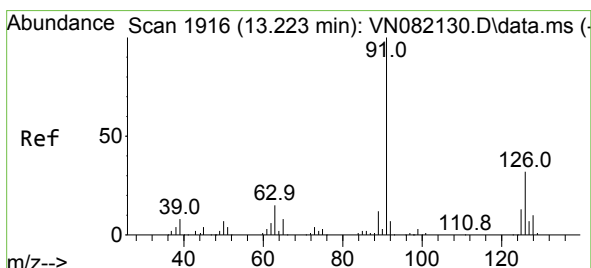
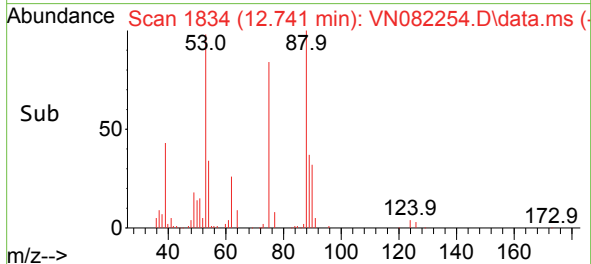
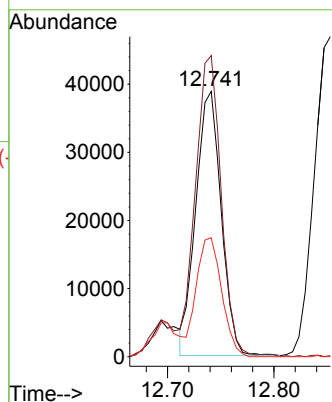
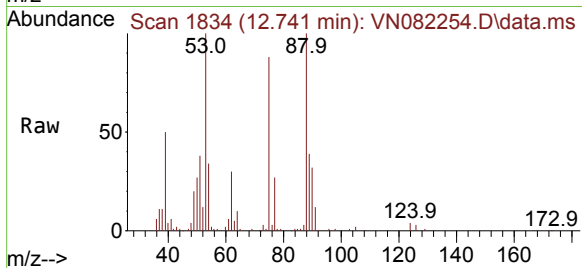




#81
trans-1,4-Dichloro-2-butene
Concen: 47.015 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

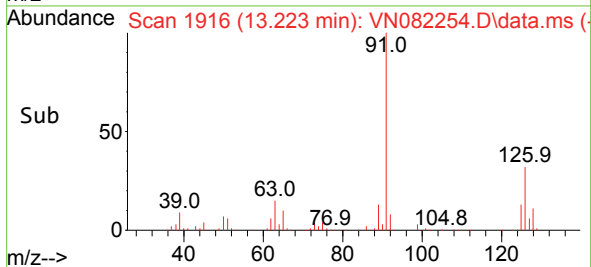
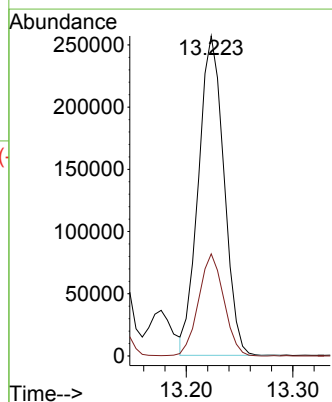
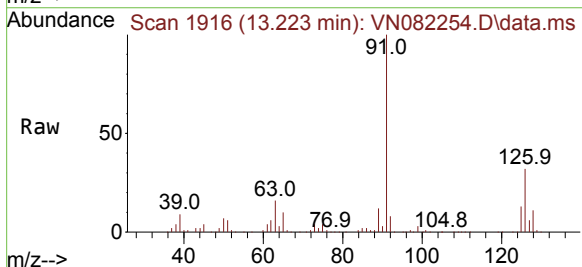
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

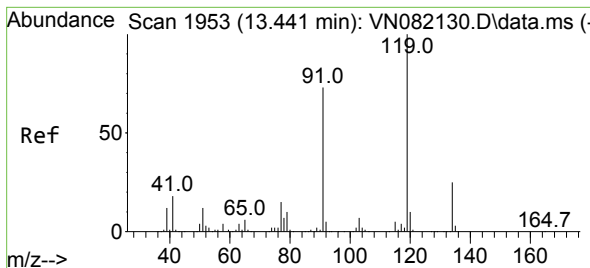
Tgt Ion: 75 Resp: 64440
Ion Ratio Lower Upper
75 100
53 117.6 72.9 109.3#
89 44.4 39.1 58.7



#82
4-Chlorotoluene
Concen: 48.595 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion: 91 Resp: 427512
Ion Ratio Lower Upper
91 100
126 31.6 17.4 52.3

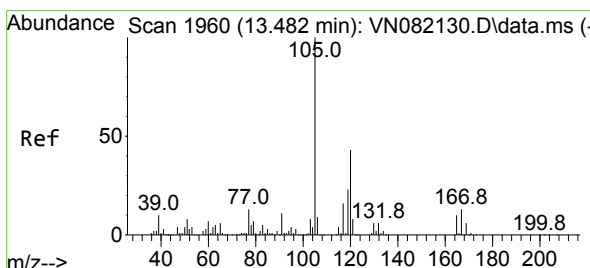
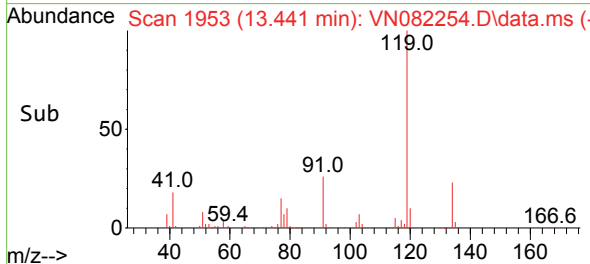
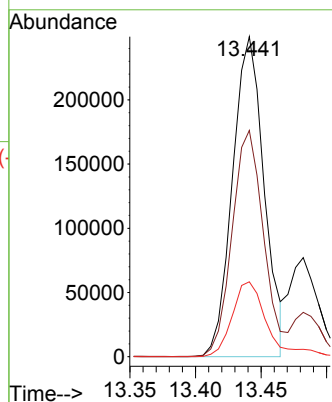
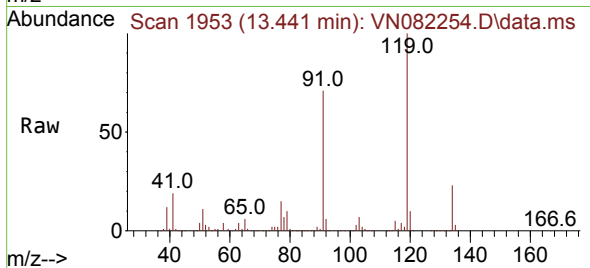




#83
 tert-Butylbenzene
 Concen: 48.856 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN082254.D
 Acq: 21 May 2024 20:44

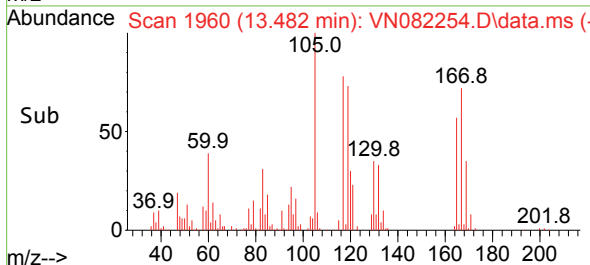
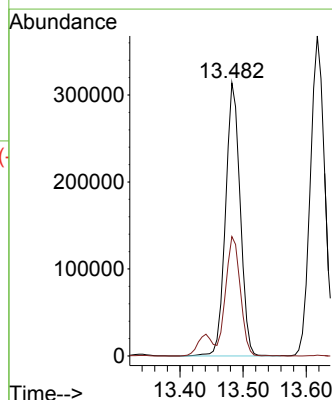
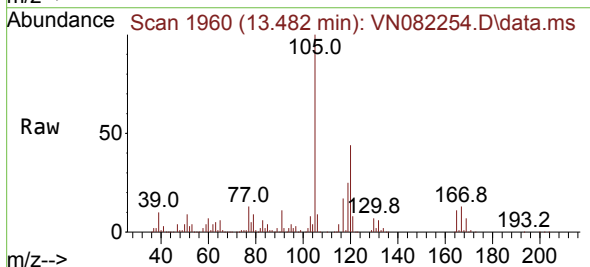
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

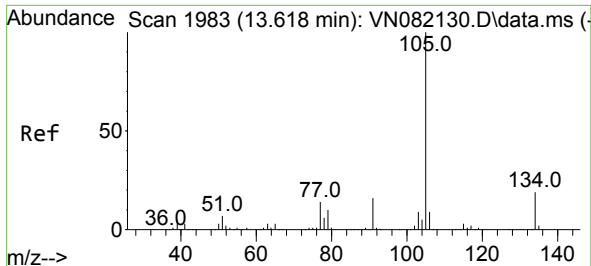
Tgt Ion:119 Resp: 418208
 Ion Ratio Lower Upper
 119 100
 91 71.0 32.6 97.8
 134 25.8 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.524 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN082254.D
 Acq: 21 May 2024 20:44

Tgt Ion:105 Resp: 505765
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.9 68.7

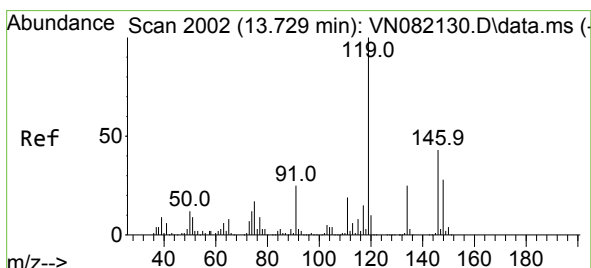
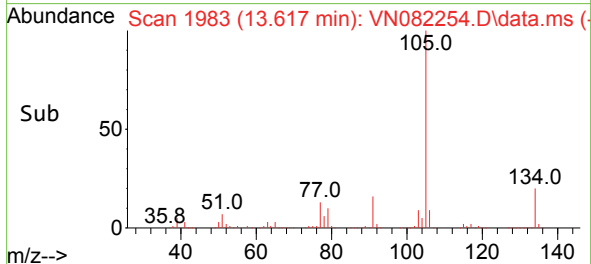
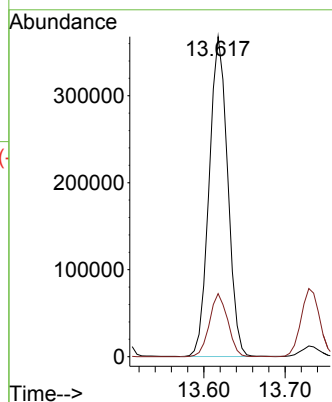
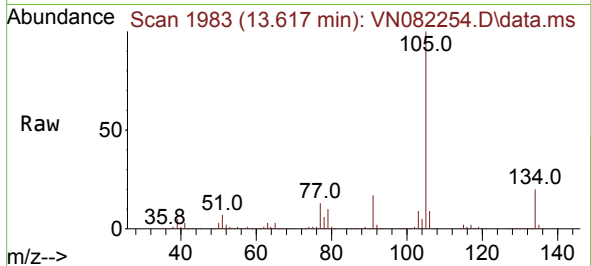




#85
 sec-Butylbenzene
 Concen: 49.084 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082254.D
 Acq: 21 May 2024 20:44

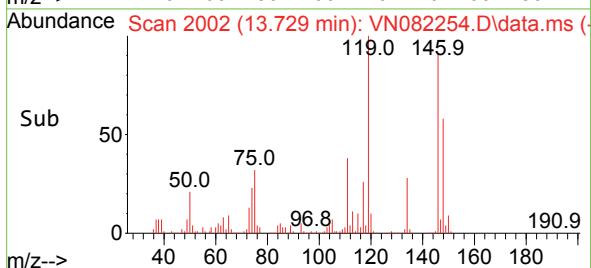
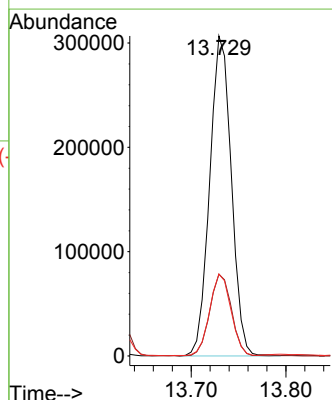
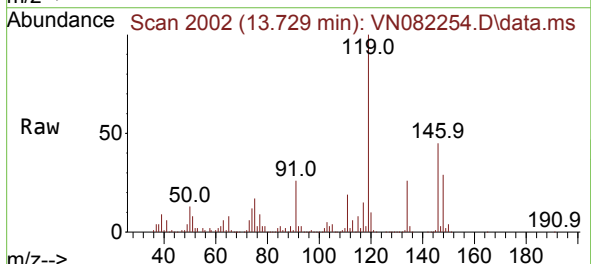
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

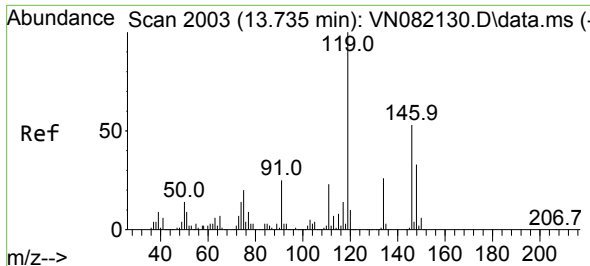
Tgt Ion:105 Resp: 582367
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 50.460 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082254.D
 Acq: 21 May 2024 20:44

Tgt Ion:119 Resp: 486559
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 25.2 11.8 35.3

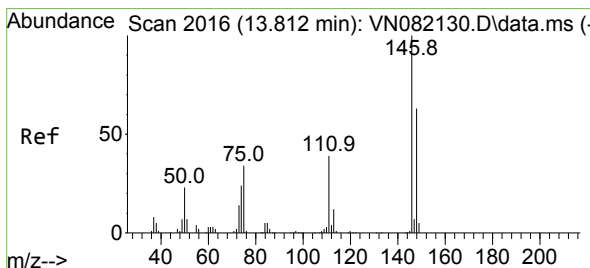
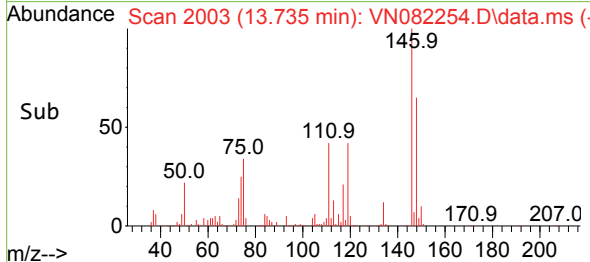
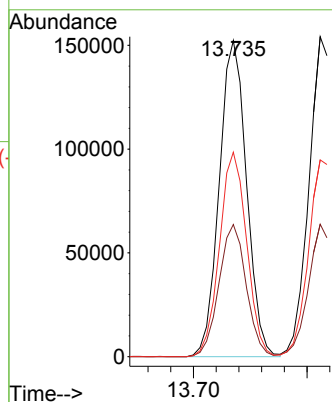
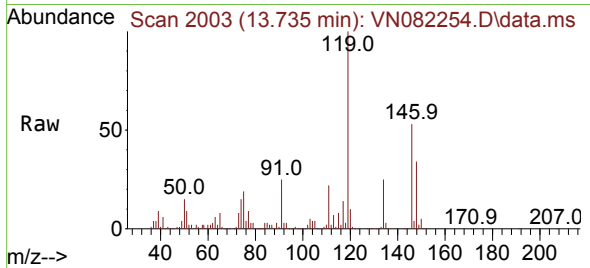




#87
1,3-Dichlorobenzene
Concen: 48.653 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

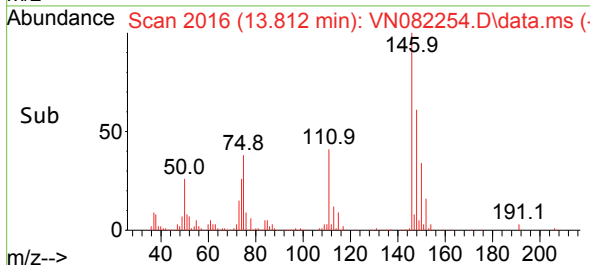
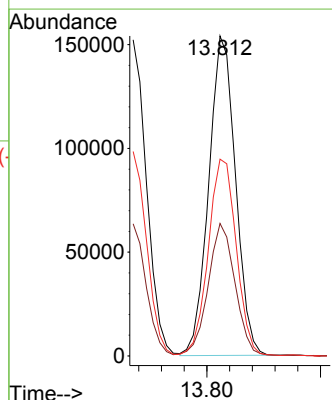
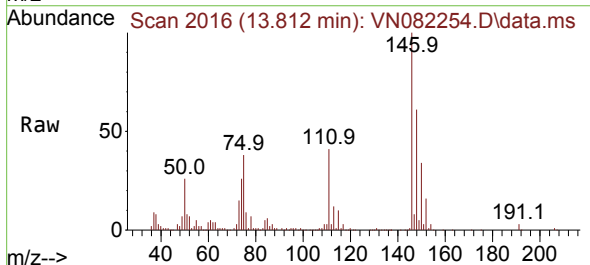
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

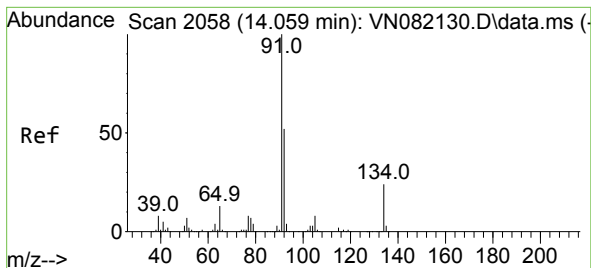
Tgt Ion:146 Resp: 254185
Ion Ratio Lower Upper
146 100
111 41.8 20.8 62.5
148 64.4 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 47.316 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082254.D
Acq: 21 May 2024 20:44

Tgt Ion:146 Resp: 252296
Ion Ratio Lower Upper
146 100
111 42.2 19.3 57.9
148 64.0 31.3 93.9





#89

n-Butylbenzene

Concen: 49.440 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

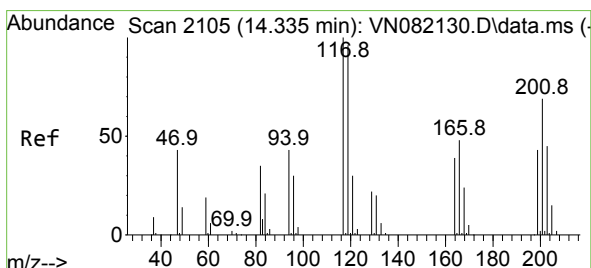
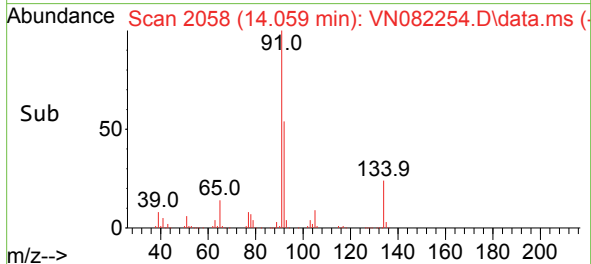
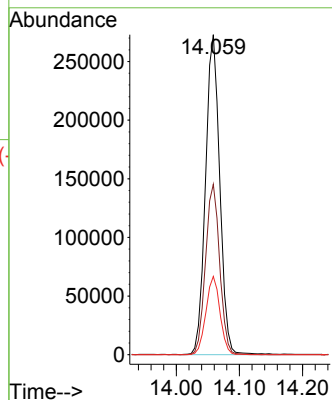
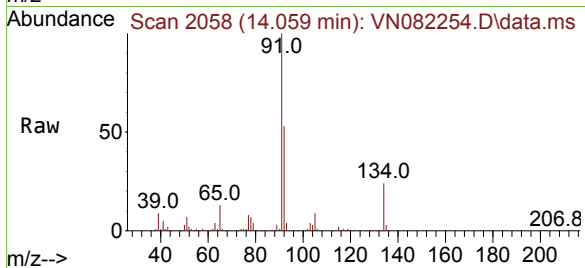
Tgt Ion: 91 Resp: 428483

Ion Ratio Lower Upper

91 100

92 52.8 26.2 78.5

134 24.1 13.2 39.5



#90

Hexachloroethane

Concen: 50.416 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082254.D

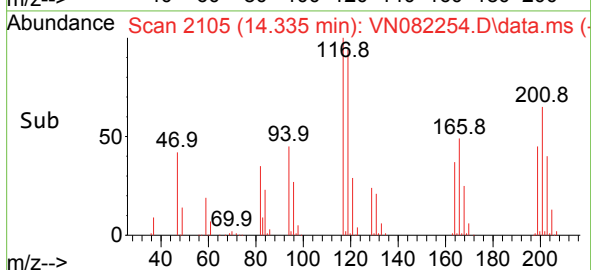
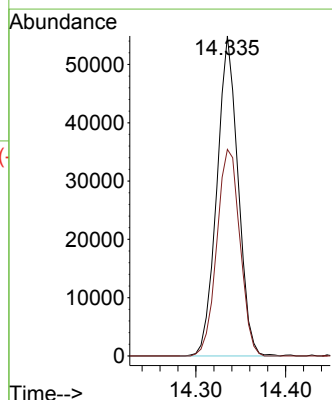
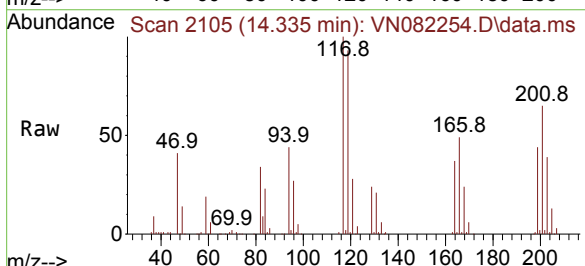
Acq: 21 May 2024 20:44

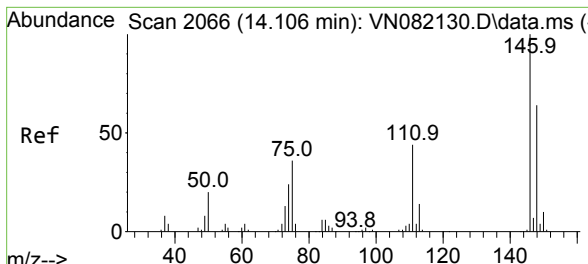
Tgt Ion: 117 Resp: 90070

Ion Ratio Lower Upper

117 100

201 70.3 33.3 99.8

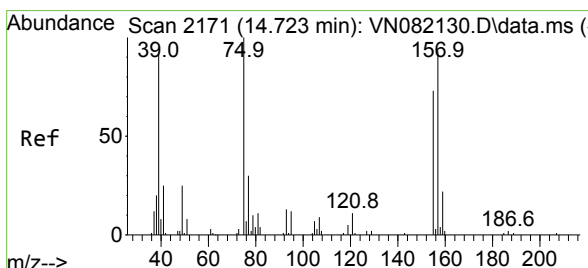
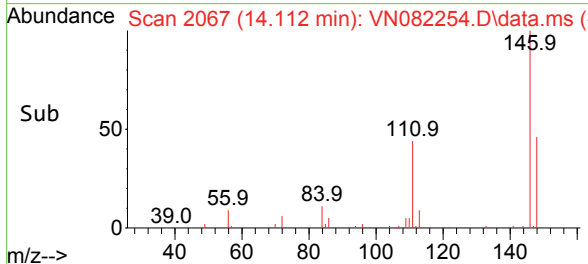
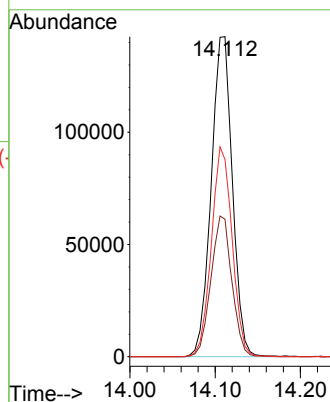
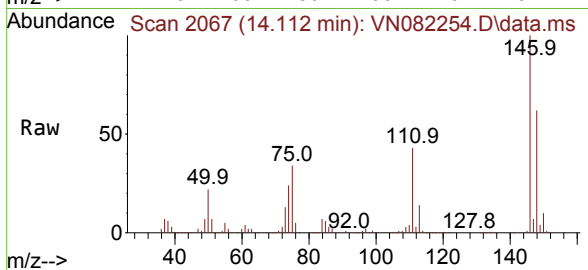




#91
 1,2-Dichlorobenzene
 Concen: 49.885 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.006 min
 Lab File: VN082254.D
 Acq: 21 May 2024 20:44

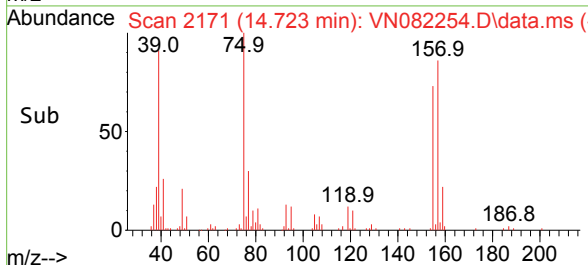
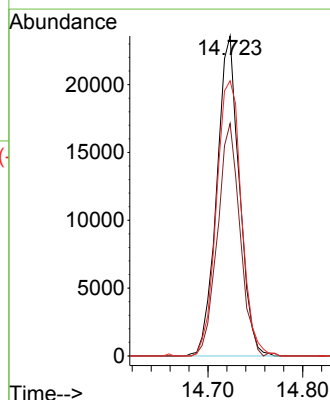
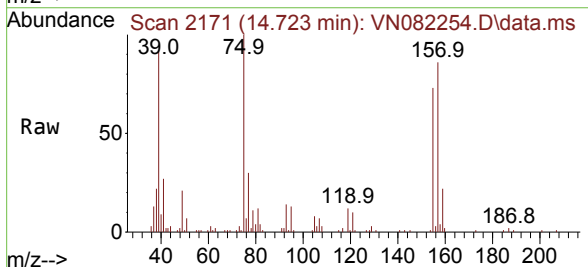
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

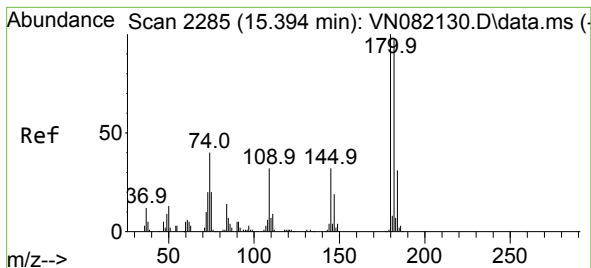
Tgt Ion:146 Resp: 246694
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.3 64.0
 148 64.3 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.411 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN082254.D
 Acq: 21 May 2024 20:44

Tgt Ion: 75 Resp: 38995
 Ion Ratio Lower Upper
 75 100
 155 72.5 42.6 128.0
 157 95.0 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 50.697 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

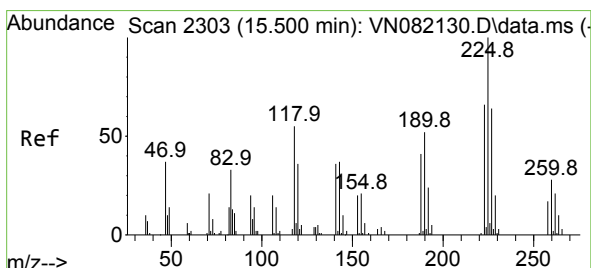
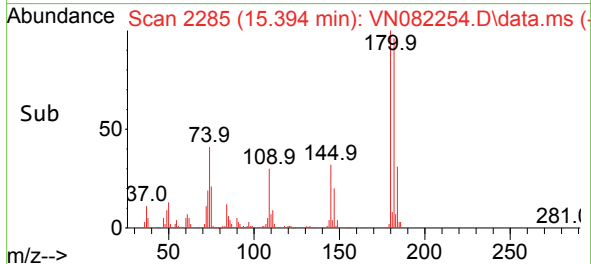
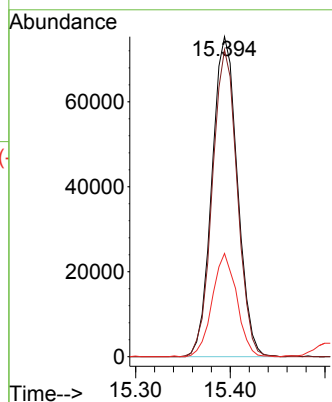
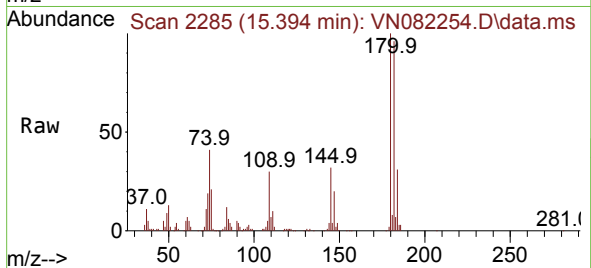
Tgt Ion:180 Resp: 140533

Ion Ratio Lower Upper

180 100

182 93.8 46.7 140.0

145 31.1 16.2 48.6



#94

Hexachlorobutadiene

Concen: 44.210 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

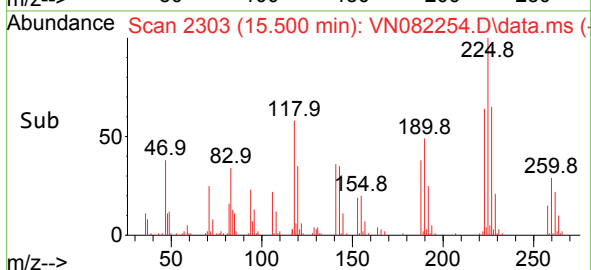
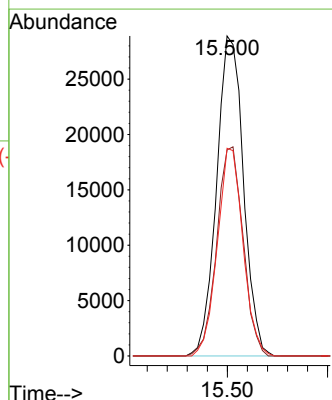
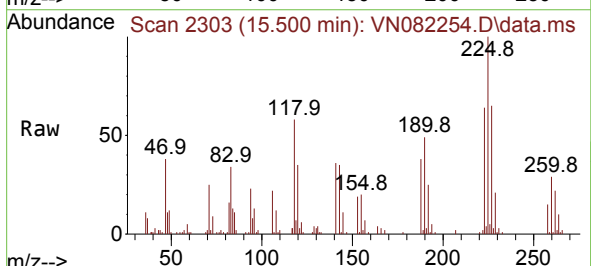
Tgt Ion:225 Resp: 53775

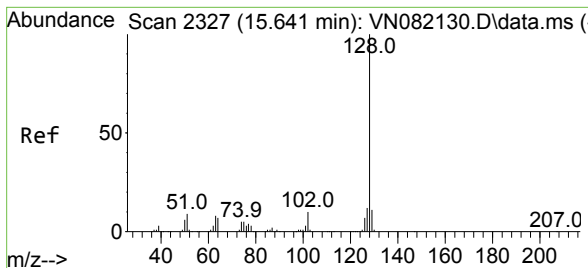
Ion Ratio Lower Upper

225 100

223 64.1 31.1 93.2

227 62.0 30.6 91.6





#95

Naphthalene

Concen: 55.888 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

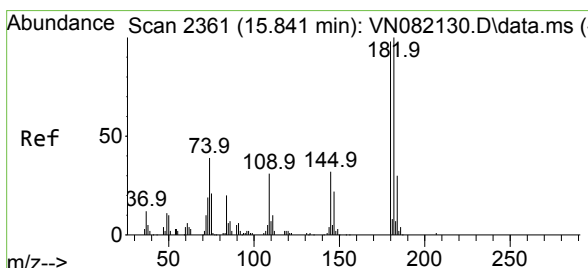
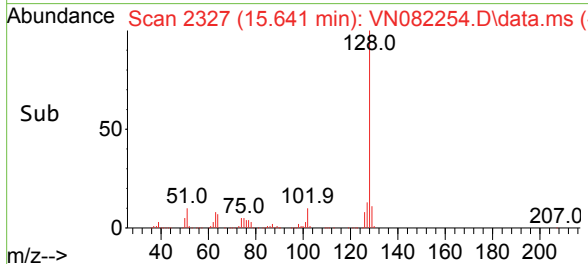
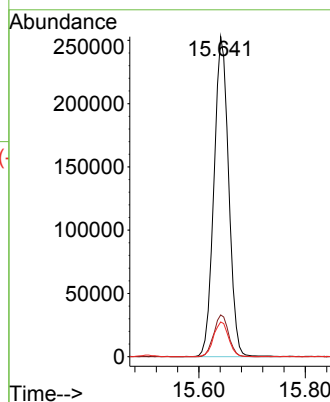
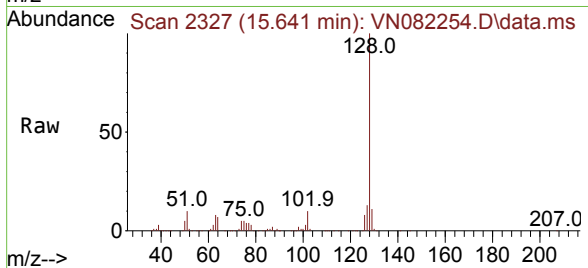
Tgt Ion:128 Resp: 485505

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 50.893 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082254.D

Acq: 21 May 2024 20:44

Tgt Ion:180 Resp: 141228

Ion Ratio Lower Upper

180 100

182 93.1 46.0 137.8

145 33.4 17.1 51.3

