

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082229.D
 Acq On : 21 May 2024 10:22
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: May 22 01:22:04 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	191223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	338292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	157201	52.063	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.120%	
35) Dibromofluoromethane	8.171	113	109160	52.455	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.920%	
50) Toluene-d8	10.571	98	392627	49.211	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.847	95	153238	53.811	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 107.620%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	119181	43.229	ug/l	100
3) Chloromethane	2.359	50	140499	44.967	ug/l	99
4) Vinyl Chloride	2.512	62	128901	43.884	ug/l	99
5) Bromomethane	2.954	94	77974	46.184	ug/l	94
6) Chloroethane	3.118	64	86649	45.178	ug/l	98
7) Trichlorofluoromethane	3.501	101	170159	44.239	ug/l	99
8) Diethyl Ether	3.959	74	74736	54.543	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	99258	44.176	ug/l	97
10) Methyl Iodide	4.589	142	116533	51.591	ug/l	96
11) Tert butyl alcohol	5.512	59	120192	247.977	ug/l	99
12) 1,1-Dichloroethene	4.342	96	95521	45.739	ug/l #	76
13) Acrolein	4.177	56	103642	288.557	ug/l	97
14) Allyl chloride	5.018	41	210514	47.082	ug/l #	91
15) Acrylonitrile	5.718	53	336946	268.421	ug/l	99
16) Acetone	4.424	43	296479	239.359	ug/l	89
17) Carbon Disulfide	4.712	76	284619	42.197	ug/l	98
18) Methyl Acetate	5.024	43	164362	53.283	ug/l #	85
19) Methyl tert-butyl Ether	5.795	73	415036	54.371	ug/l	92
20) Methylene Chloride	5.283	84	125788	50.334	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	110043	48.353	ug/l #	78
22) Diisopropyl ether	6.671	45	497549	53.291	ug/l #	92
23) Vinyl Acetate	6.600	43	2016425	273.928	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	240827	50.044	ug/l	97
25) 2-Butanone	7.483	43	486046	258.815	ug/l #	84
26) 2,2-Dichloropropane	7.489	77	196774	48.818	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	139496	51.938	ug/l	80
28) Bromochloromethane	7.812	49	110746	53.101	ug/l #	75
29) Tetrahydrofuran	7.836	42	327792	271.855	ug/l #	81
30) Chloroform	7.965	83	241692	52.593	ug/l	97
31) Cyclohexane	8.259	56	191451	39.699	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	197825	48.522	ug/l	93
36) 1,1-Dichloropropene	8.371	75	156130	44.734	ug/l	96
37) Ethyl Acetate	7.559	43	204238	52.289	ug/l	94
38) Carbon Tetrachloride	8.359	117	162405	45.903	ug/l	100
39) Methylcyclohexane	9.600	83	168475	44.038	ug/l #	84
40) Benzene	8.606	78	515216	49.503	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	119620	52.073	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	205374	51.307	ug/l	95
43) Isopropyl Acetate	8.688	43	386235	55.806	ug/l #	87
44) Trichloroethene	9.353	130	114052	48.242	ug/l	100
45) 1,2-Dichloropropane	9.624	63	133442	49.693	ug/l	99
46) Dibromomethane	9.712	93	91061	51.651	ug/l	100
47) Bromodichloromethane	9.888	83	194588	52.282	ug/l	99
48) Methyl methacrylate	9.682	41	176035	53.378	ug/l #	82
49) 1,4-Dioxane	9.694	88	50122	1084.596	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1062275	270.138	ug/l	90
52) Toluene	10.629	92	319464	51.149	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	213158	55.376	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	220775	54.185	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	121266	53.427	ug/l	99
56) Ethyl methacrylate	10.877	69	217056	56.326	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	222203	52.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	537330	270.330	ug/l	90
59) 2-Hexanone	11.194	43	771997	268.121	ug/l	89
60) Dibromochloromethane	11.359	129	143616	57.336	ug/l	99
61) 1,2-Dibromoethane	11.471	107	123101	52.803	ug/l	99
64) Tetrachloroethene	11.106	164	114058	47.647	ug/l	94
65) Chlorobenzene	11.894	112	340299	47.696	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	121608	51.745	ug/l	99
67) Ethyl Benzene	11.965	91	610542	47.836	ug/l	97
68) m/p-Xylenes	12.071	106	455590	97.395	ug/l	93
69) o-Xylene	12.400	106	228527	50.434	ug/l	95
70) Styrene	12.412	104	393017	52.218	ug/l	96
71) Bromoform	12.576	173	96247	51.471	ug/l #	98
73) Isopropylbenzene	12.694	105	555857	44.975	ug/l	98
74) N-amyl acetate	12.494	43	326202	47.983	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	168963	47.426	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	242941	74.194	ug/l	65
77) Bromobenzene	12.982	156	138823	47.133	ug/l	87
78) n-propylbenzene	13.035	91	676700	46.238	ug/l	97
79) 2-Chlorotoluene	13.123	91	418913	45.583	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	475267	47.557	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	66757	47.686	ug/l #	80
82) 4-Chlorotoluene	13.223	91	426659	47.484	ug/l	94
83) tert-Butylbenzene	13.441	119	395745	45.265	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	491422	48.064	ug/l	98
85) sec-Butylbenzene	13.618	105	556551	45.926	ug/l	97
86) p-Isopropyltoluene	13.729	119	473306	48.058	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	258061	48.361	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	257726	47.323	ug/l	98
89) n-Butylbenzene	14.059	91	418104	47.233	ug/l	98
90) Hexachloroethane	14.335	117	86447	47.376	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	247499	49.000	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36229	49.494	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	139912	49.417	ug/l	97
94) Hexachlorobutadiene	15.506	225	54044	43.502	ug/l	98
95) Naphthalene	15.641	128	464440	52.345	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	141118	49.789	ug/l	98

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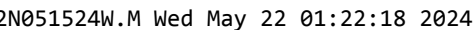
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

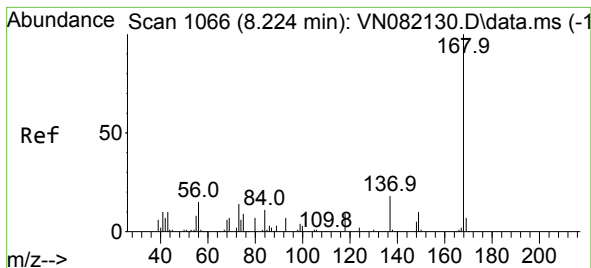
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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

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

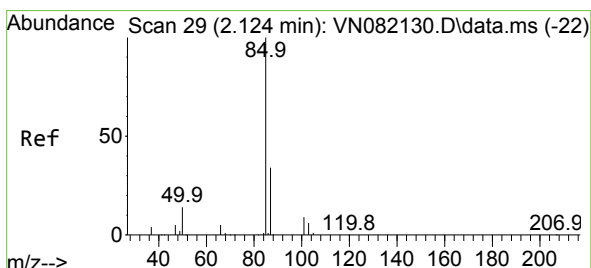
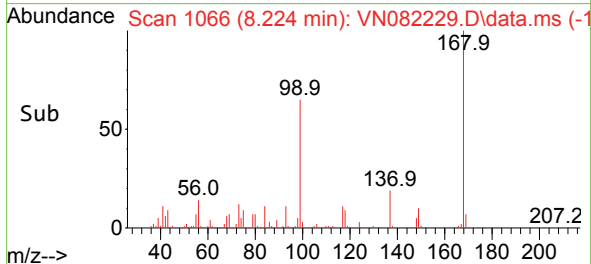
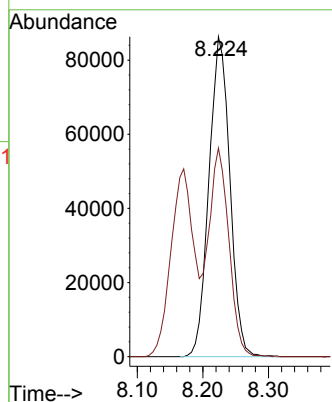
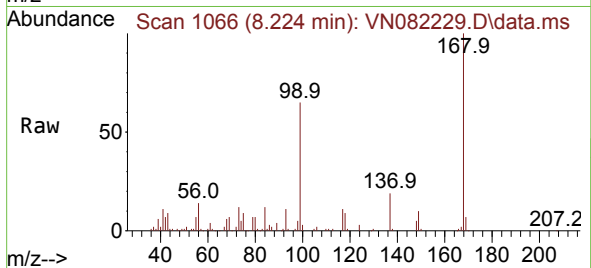
VSTDCCC050

Tgt Ion:168 Resp: 191223

Ion Ratio Lower Upper

168 100

99 65.2 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 43.229 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082229.D

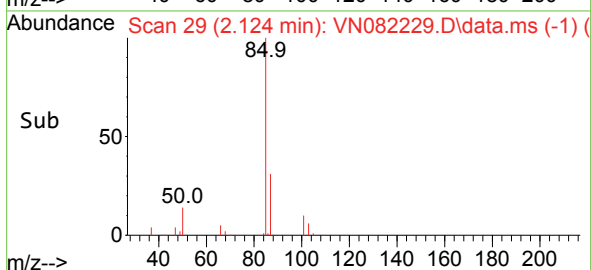
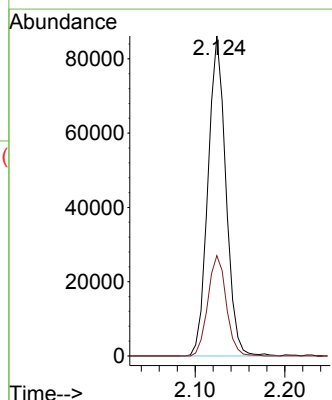
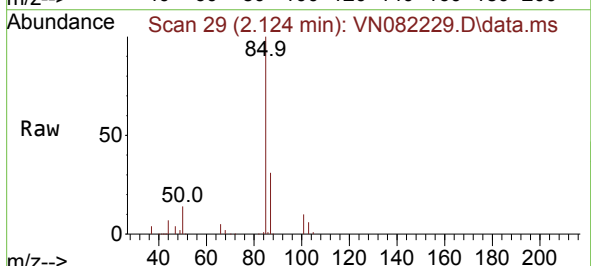
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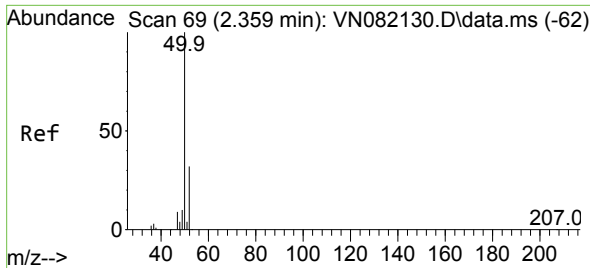
Tgt Ion: 85 Resp: 119181

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4

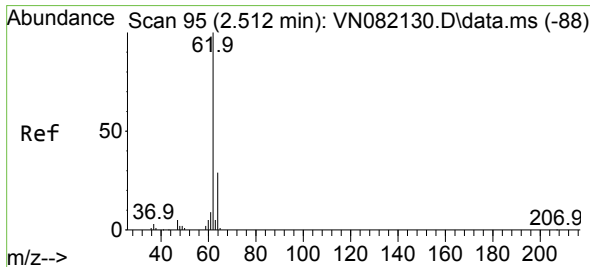
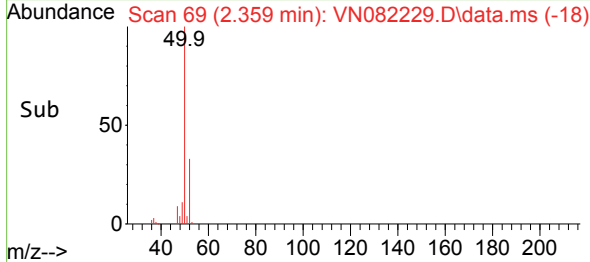
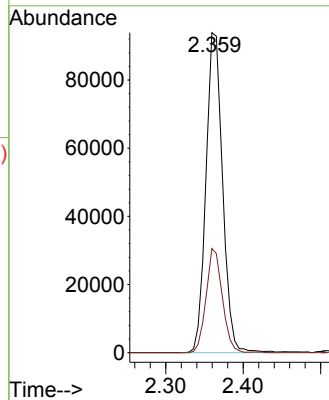
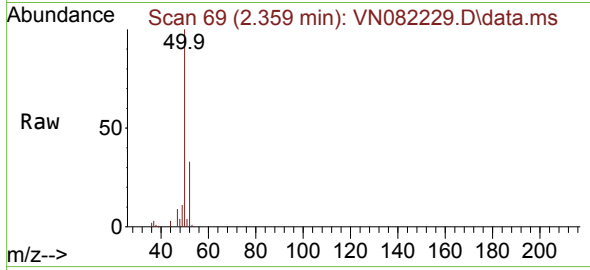




#3
Chloromethane
Concen: 44.967 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

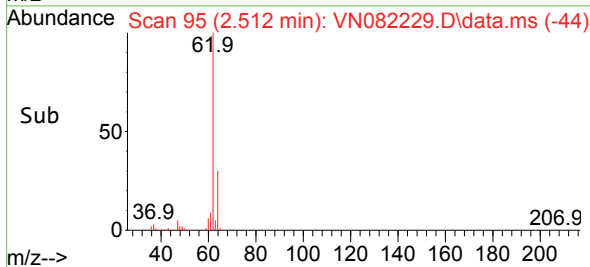
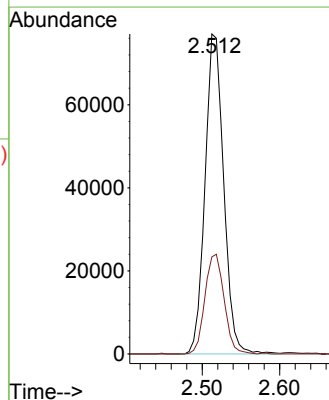
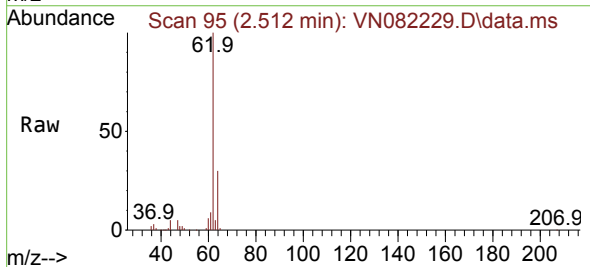
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

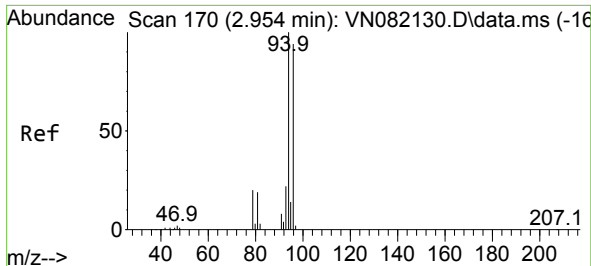
Tgt Ion: 50 Resp: 140499
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3



#4
Vinyl Chloride
Concen: 43.884 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 62 Resp: 128901
Ion Ratio Lower Upper
62 100
64 30.3 24.6 37.0

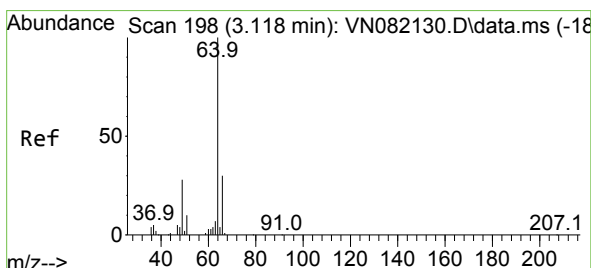
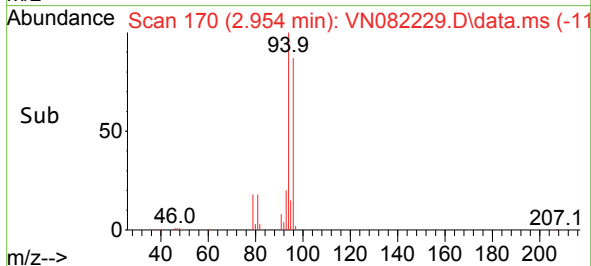
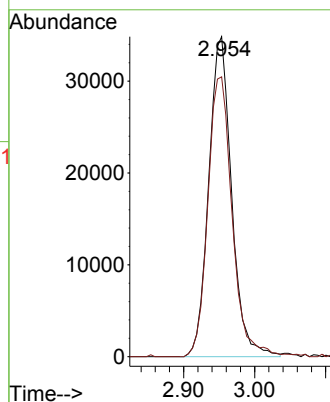
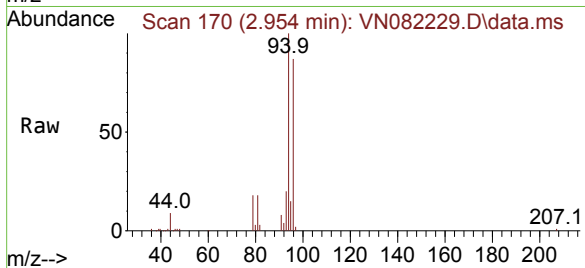




#5
Bromomethane
Concen: 46.184 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

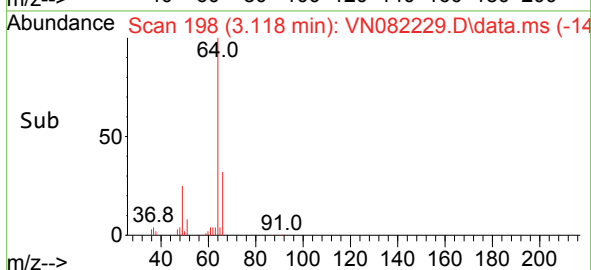
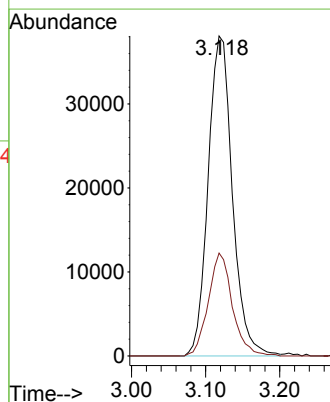
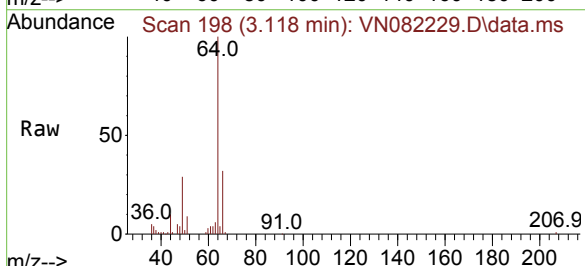
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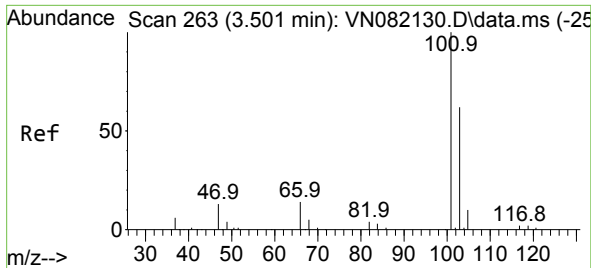
Tgt Ion: 94 Resp: 77974
Ion Ratio Lower Upper
94 100
96 87.4 74.8 112.2



#6
Chloroethane
Concen: 45.178 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 64 Resp: 86649
Ion Ratio Lower Upper
64 100
66 32.1 24.7 37.1

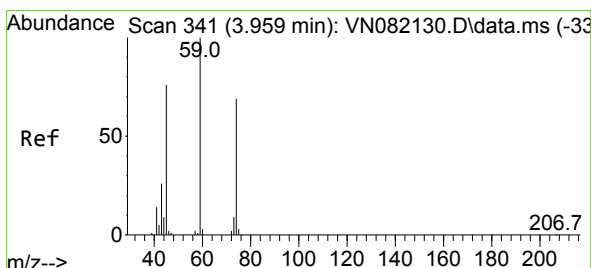
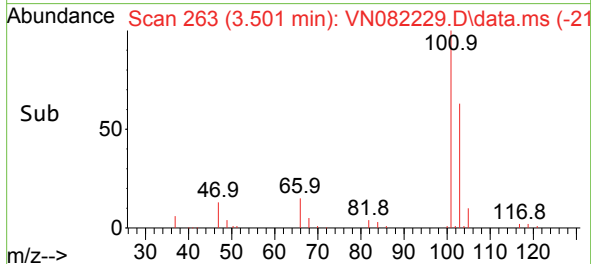
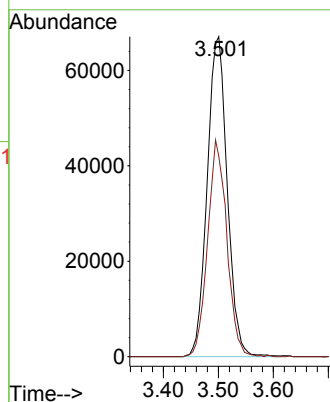
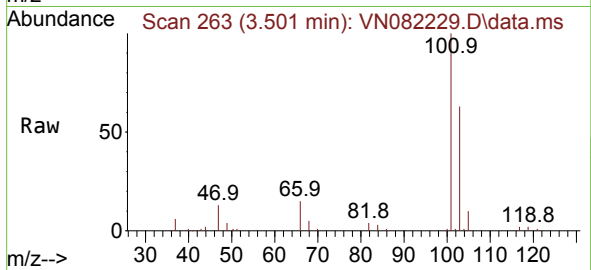




#7
Trichlorofluoromethane
Concen: 44.239 ug/l
RT: 3.501 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

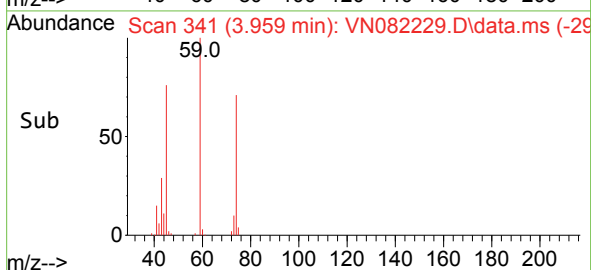
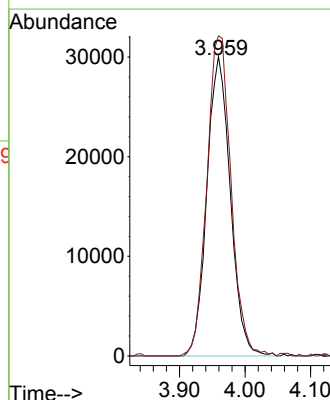
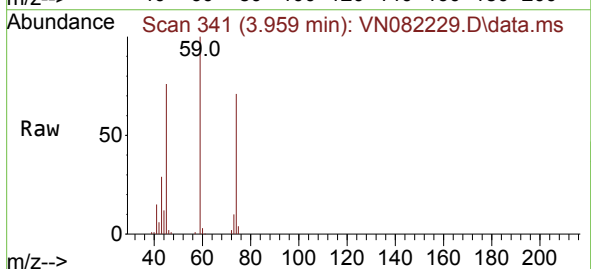
Instrument :
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ClientSampleId :
VSTDCCC050

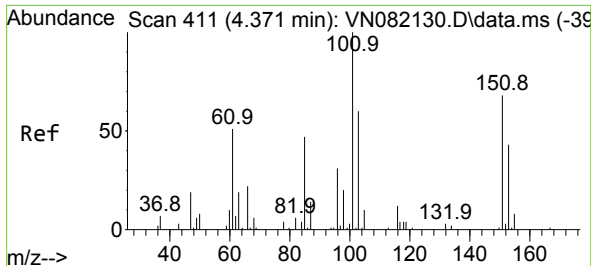
Tgt Ion:101 Resp: 170159
Ion Ratio Lower Upper
101 100
103 62.6 50.6 75.8



#8
Diethyl Ether
Concen: 54.543 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 74 Resp: 74736
Ion Ratio Lower Upper
74 100
45 110.4 42.4 127.3

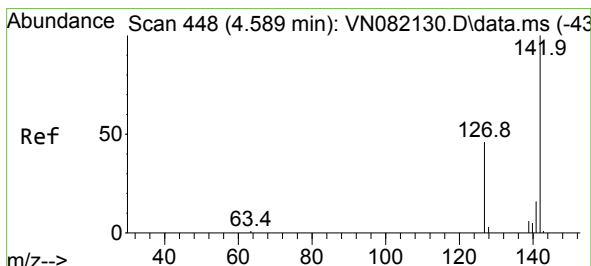
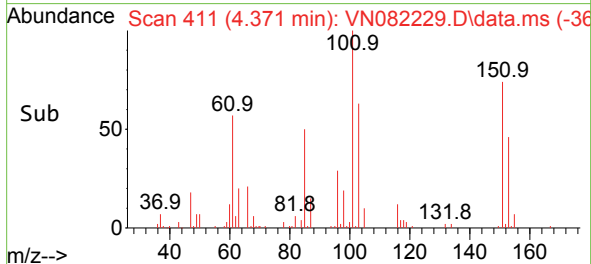
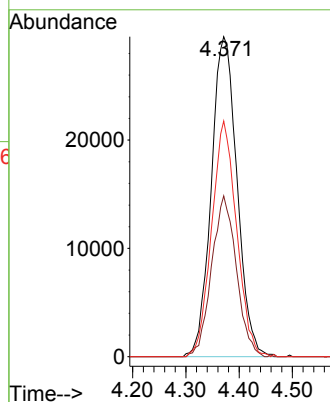
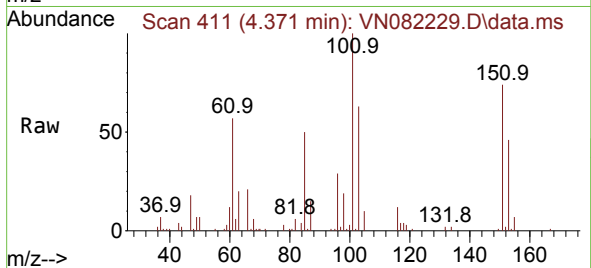




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.176 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

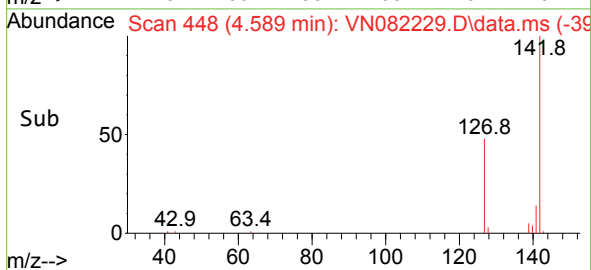
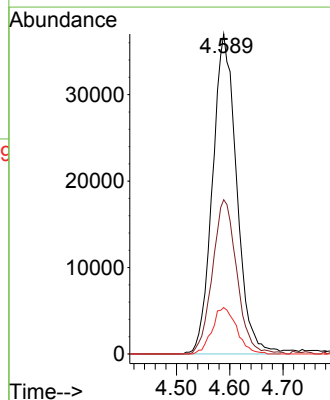
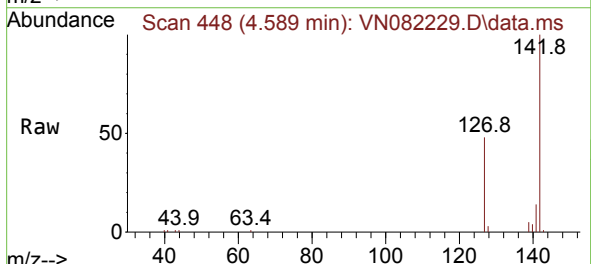
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

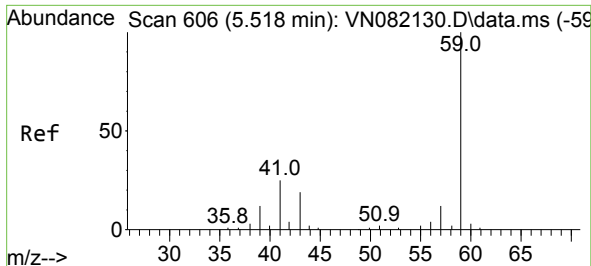
Tgt Ion:101 Resp: 99258
Ion Ratio Lower Upper
101 100
85 48.2 37.3 55.9
151 71.5 59.2 88.8



#10
Methyl Iodide
Concen: 51.591 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion:142 Resp: 116533
Ion Ratio Lower Upper
142 100
127 48.2 35.8 53.6
141 14.5 11.4 17.2

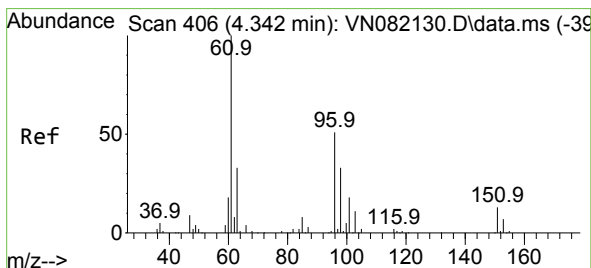
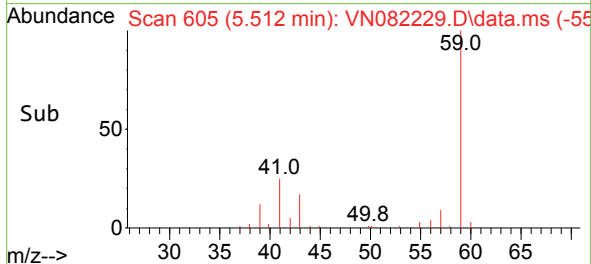
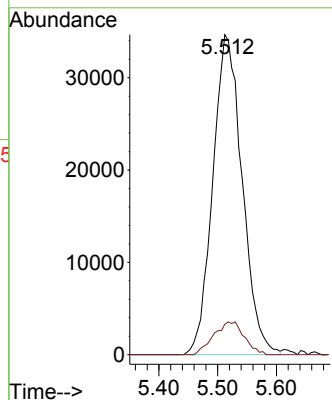
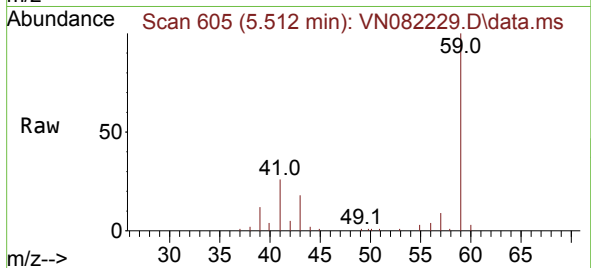




#11
Tert butyl alcohol
Concen: 247.977 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

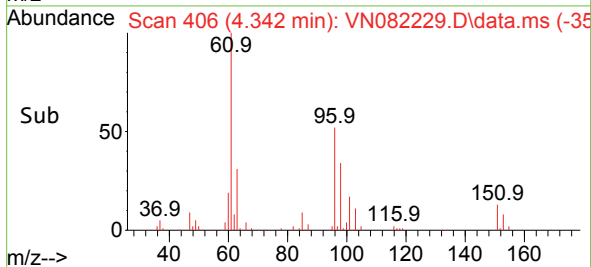
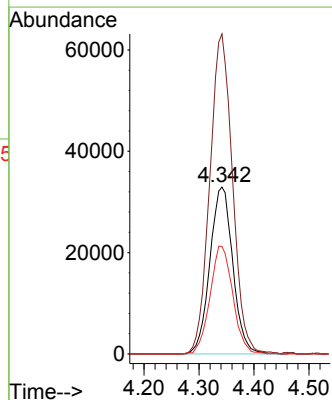
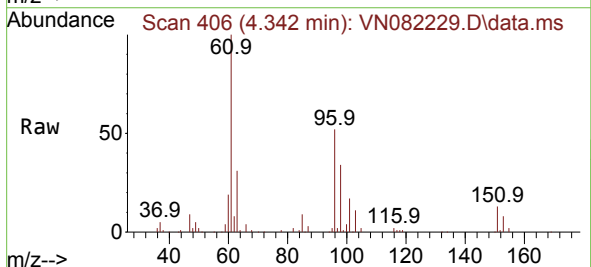
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

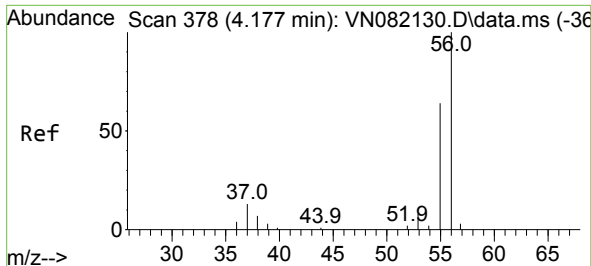
Tgt Ion: 59 Resp: 120192
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3



#12
1,1-Dichloroethene
Concen: 45.739 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 96 Resp: 95521
Ion Ratio Lower Upper
96 100
61 191.8 119.7 179.5#
98 64.4 49.6 74.4





#13

Acrolein

Concen: 288.557 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

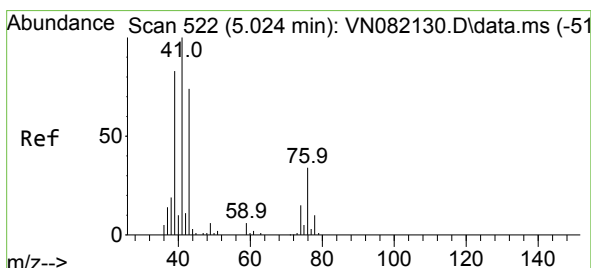
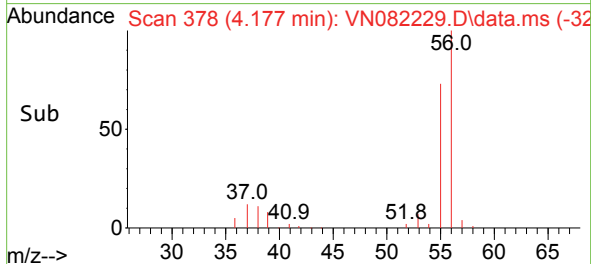
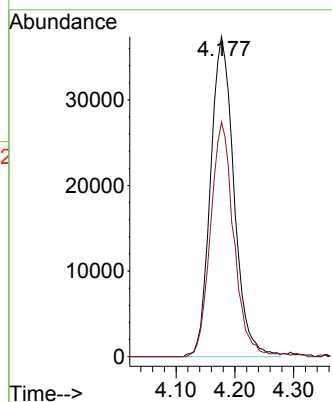
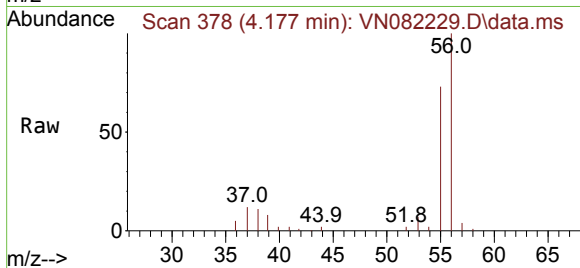
VSTDCCC050

Tgt Ion: 56 Resp: 103642

Ion Ratio Lower Upper

56 100

55 72.4 55.8 83.8



#14

Allyl chloride

Concen: 47.082 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

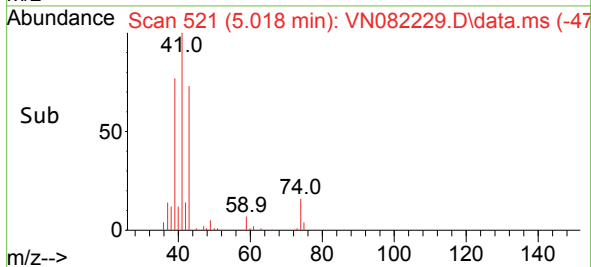
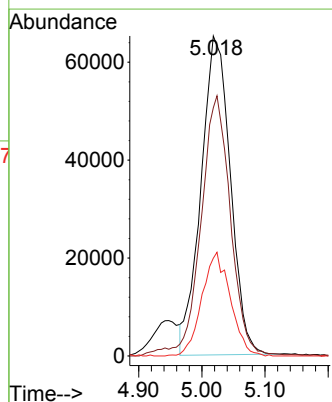
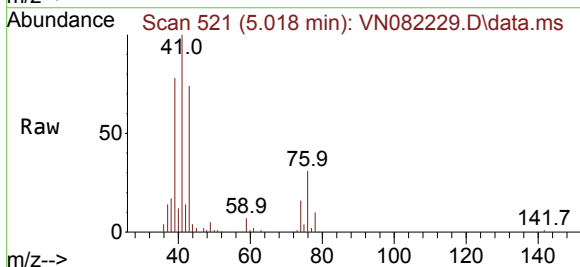
Tgt Ion: 41 Resp: 210514

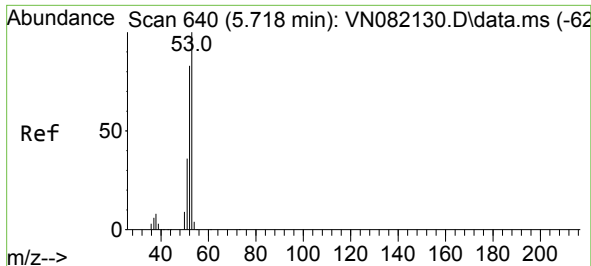
Ion Ratio Lower Upper

41 100

39 82.5 65.4 98.0

76 31.6 37.3 55.9#





#15

Acrylonitrile

Concen: 268.421 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

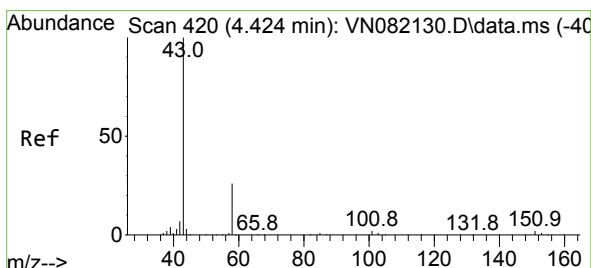
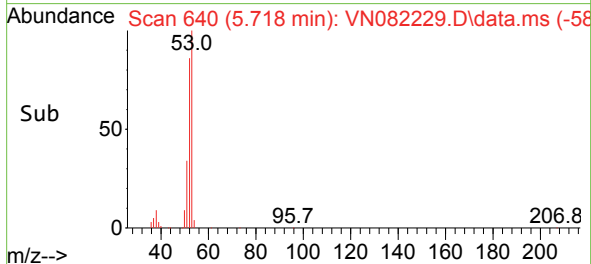
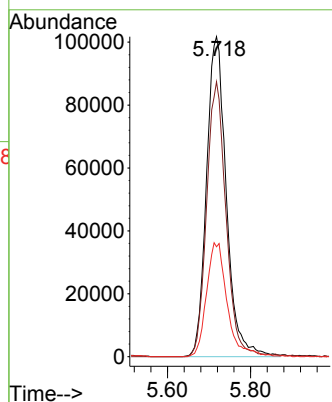
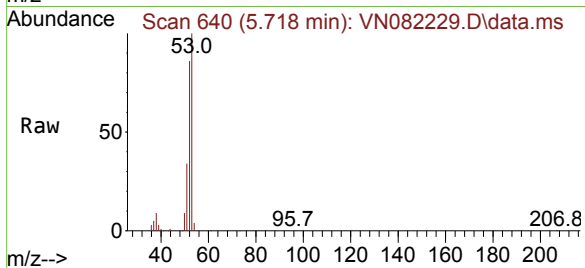
Tgt Ion: 53 Resp: 336946

Ion Ratio Lower Upper

53 100

52 83.8 66.1 99.1

51 37.1 29.4 44.2



#16

Acetone

Concen: 239.359 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.000 min

Lab File: VN082229.D

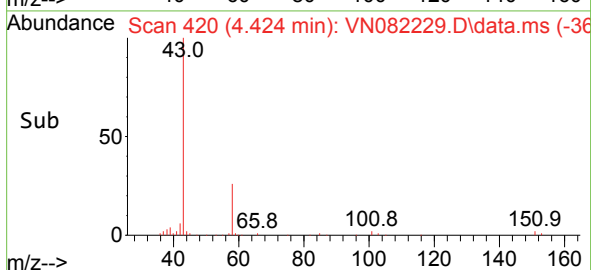
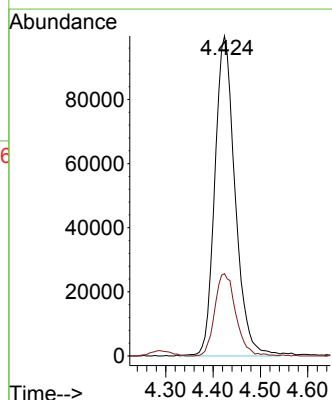
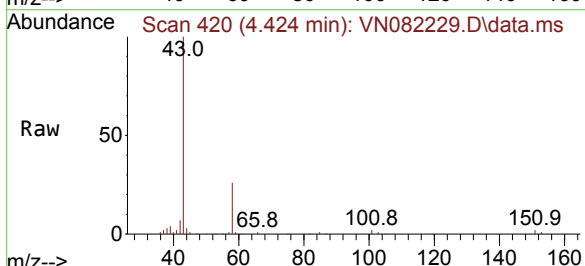
Acq: 21 May 2024 10:22

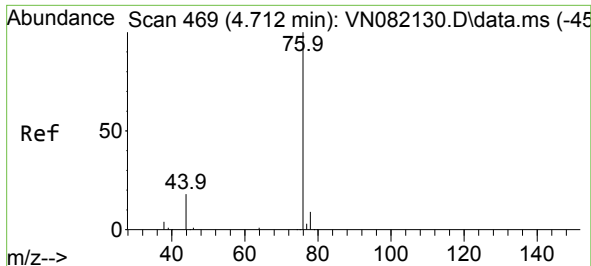
Tgt Ion: 43 Resp: 296479

Ion Ratio Lower Upper

43 100

58 25.5 25.2 37.8

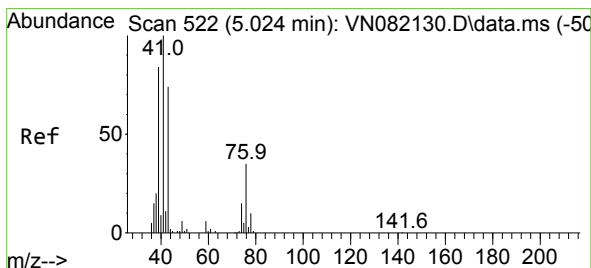
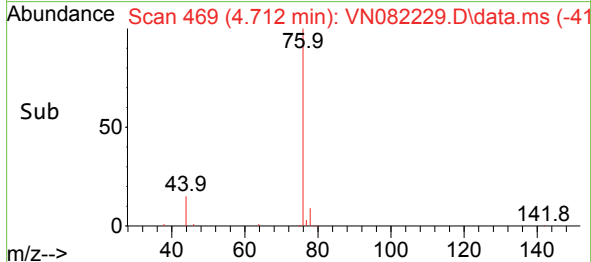
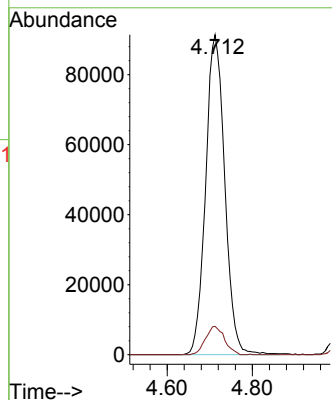
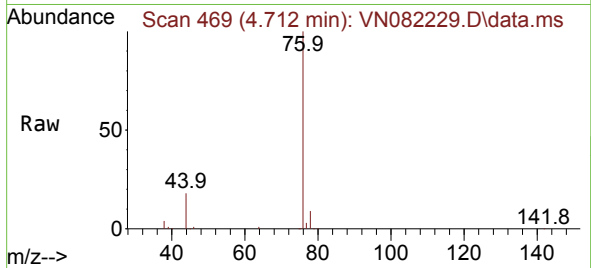




#17
Carbon Disulfide
Concen: 42.197 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

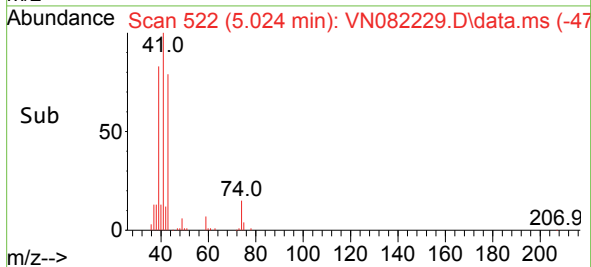
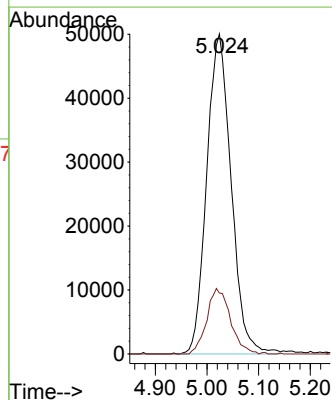
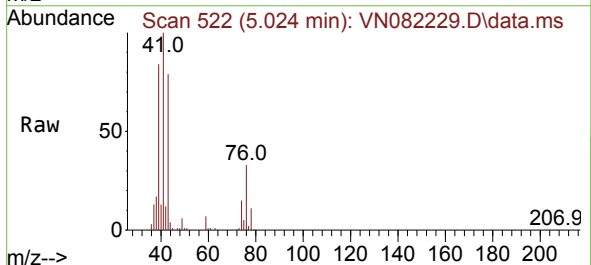
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

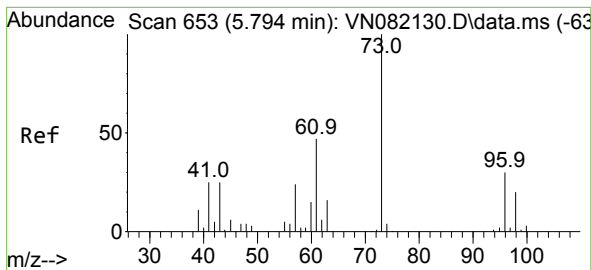
Tgt Ion: 76 Resp: 284619
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 53.283 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 43 Resp: 164362
Ion Ratio Lower Upper
43 100
74 19.7 22.2 33.2#





#19

Methyl tert-butyl Ether

Concen: 54.371 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

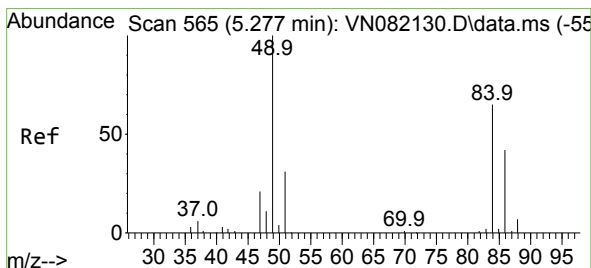
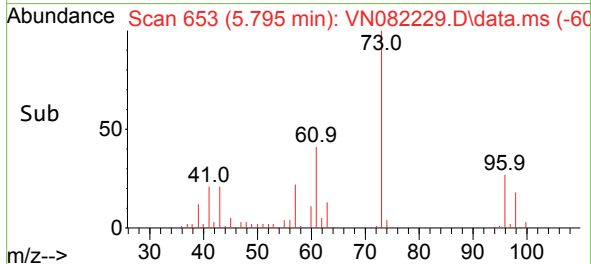
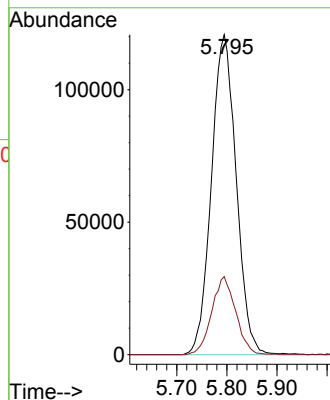
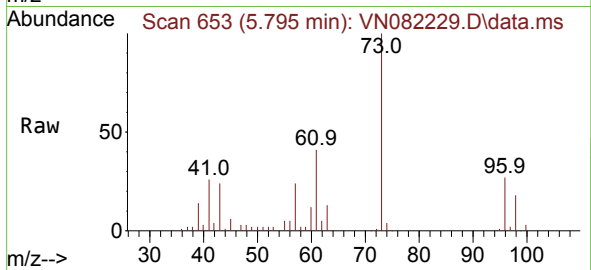
VSTDCCC050

Tgt Ion: 73 Resp: 415036

Ion Ratio Lower Upper

73 100

57 24.4 16.5 24.7



#20

Methylene Chloride

Concen: 50.334 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Tgt Ion: 84 Resp: 125788

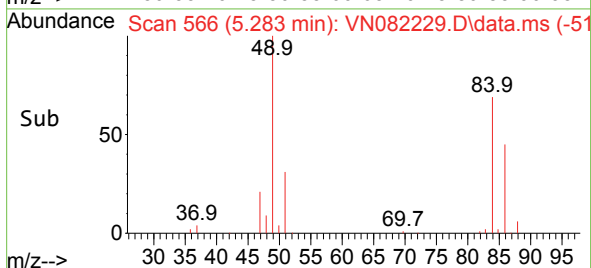
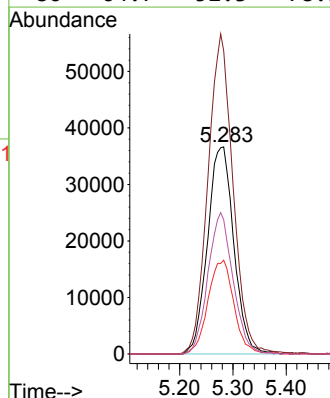
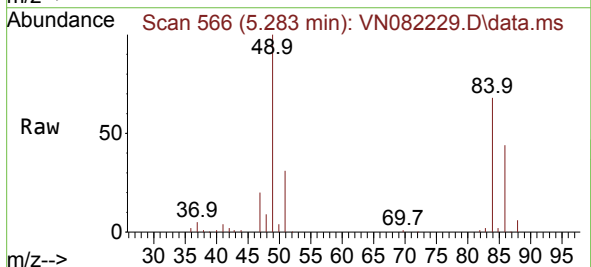
Ion Ratio Lower Upper

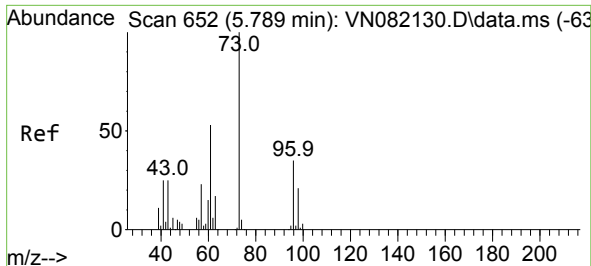
84 100

49 146.3 84.9 127.3#

51 45.3 27.0 40.6#

86 64.7 52.3 78.5

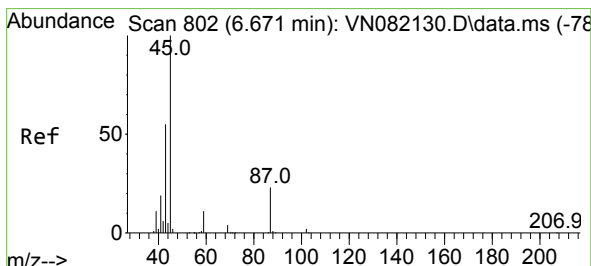
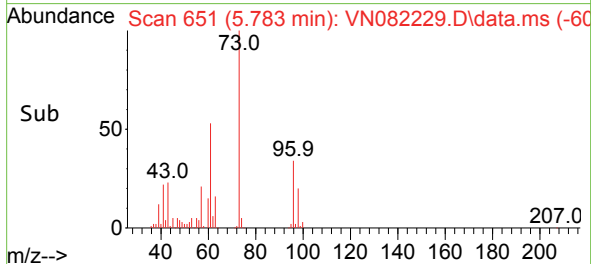
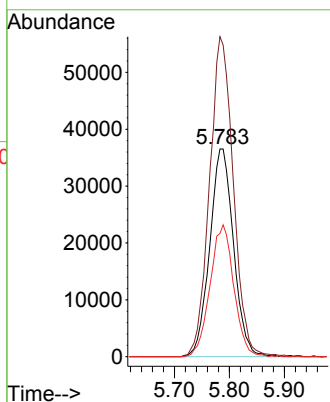
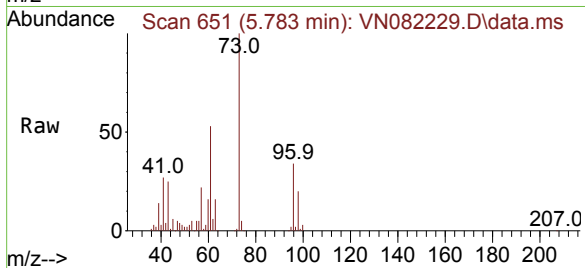




#21
trans-1,2-Dichloroethene
Concen: 48.353 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

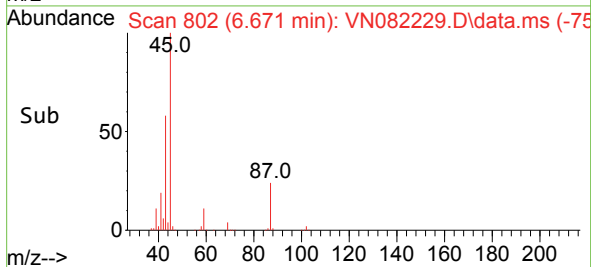
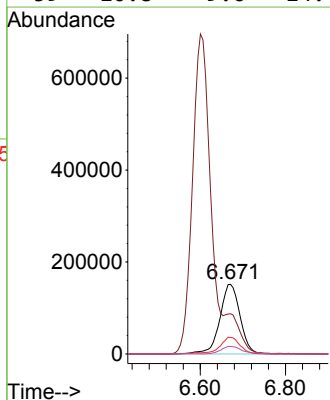
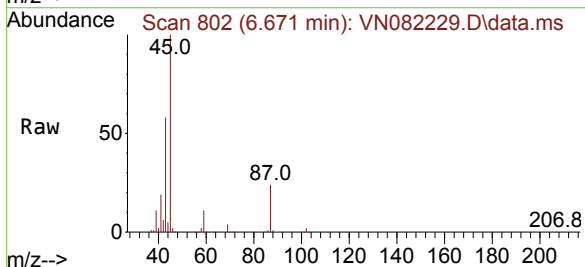
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

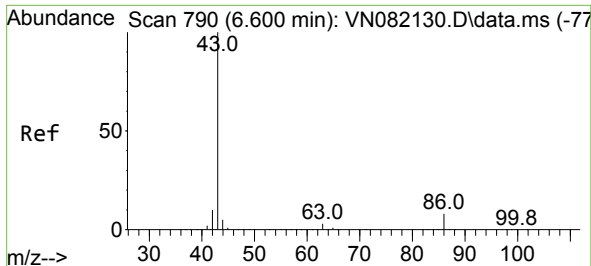
Tgt Ion: 96 Resp: 110043
Ion Ratio Lower Upper
96 100
61 154.0 96.5 144.7#
98 59.3 51.3 76.9



#22
Diisopropyl ether
Concen: 53.291 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 45 Resp: 497549
Ion Ratio Lower Upper
45 100
43 56.8 44.1 66.1
87 23.8 27.0 40.6#
59 10.8 9.6 14.4

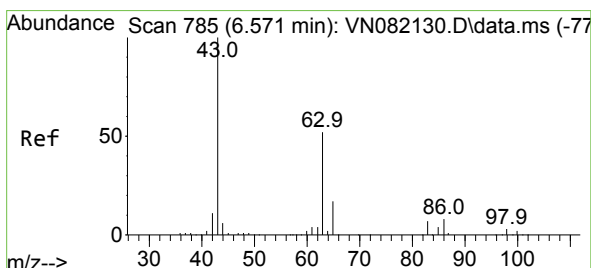
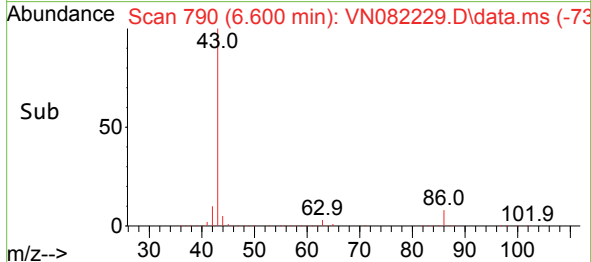
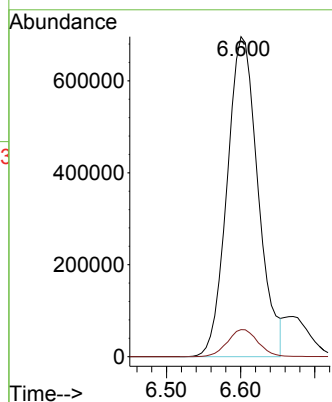
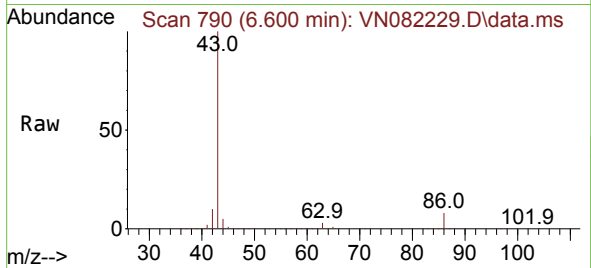




#23
 Vinyl Acetate
 Concen: 273.928 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN082229.D
 Acq: 21 May 2024 10:22

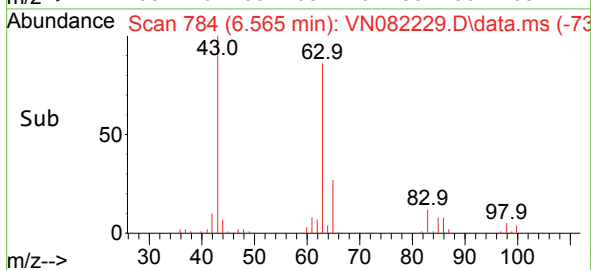
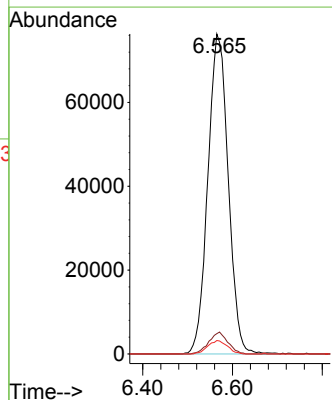
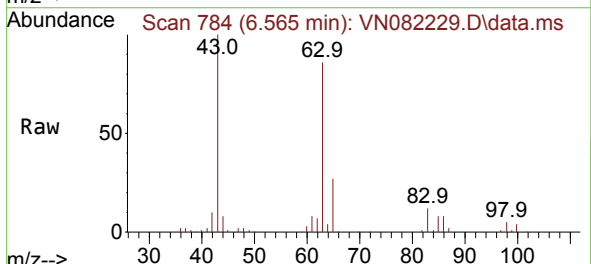
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

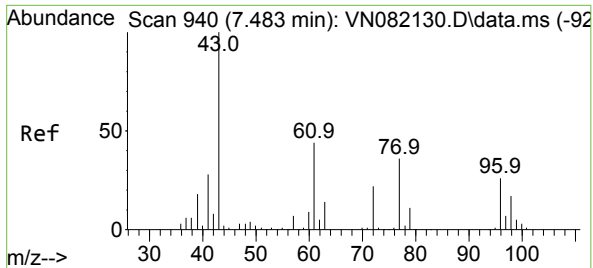
Tgt Ion: 43 Resp: 2016425
 Ion Ratio Lower Upper
 43 100
 86 8.4 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 50.044 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082229.D
 Acq: 21 May 2024 10:22

Tgt Ion: 63 Resp: 240827
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 4.2 2.6 7.8

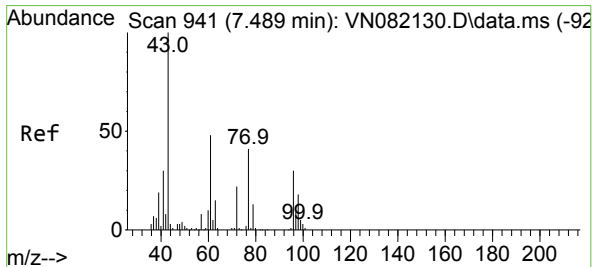
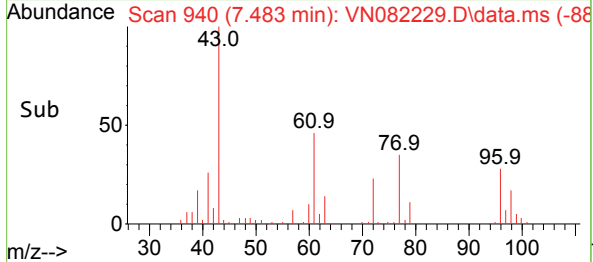
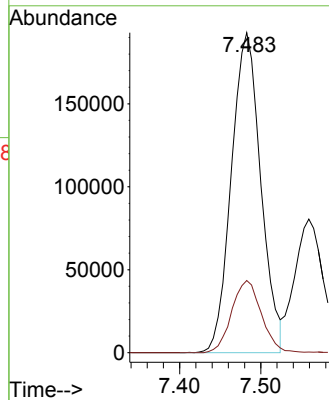
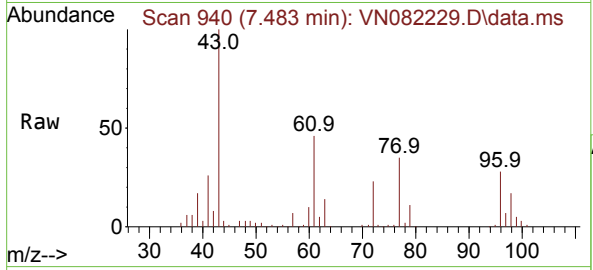




#25
2-Butanone
Concen: 258.815 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

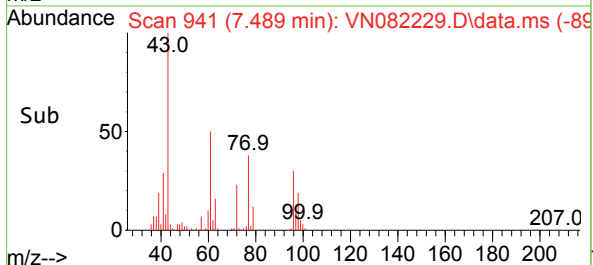
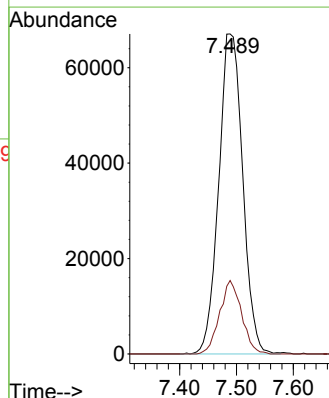
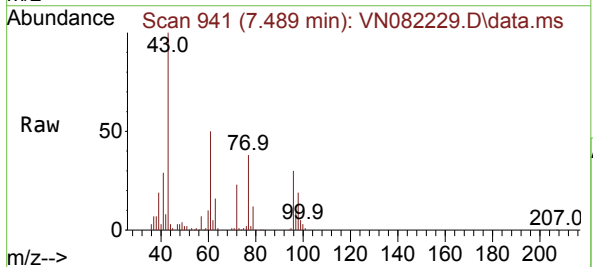
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

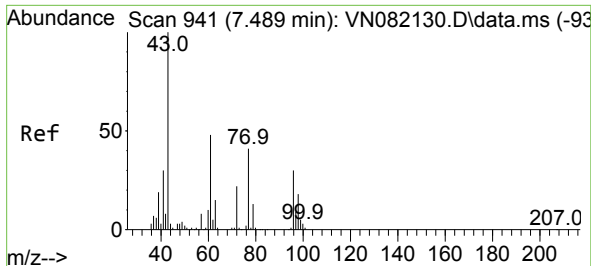
Tgt Ion: 43 Resp: 486046
Ion Ratio Lower Upper
43 100
72 22.5 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 48.818 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

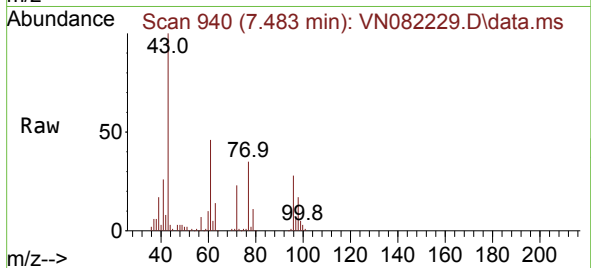
Tgt Ion: 77 Resp: 196774
Ion Ratio Lower Upper
77 100
97 21.0 11.3 33.9



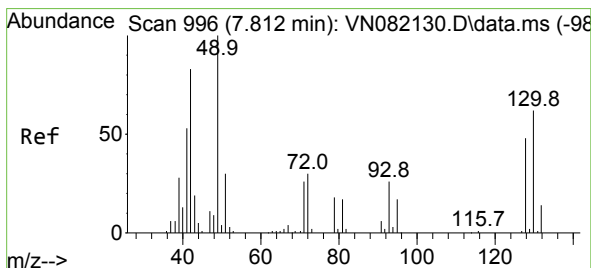
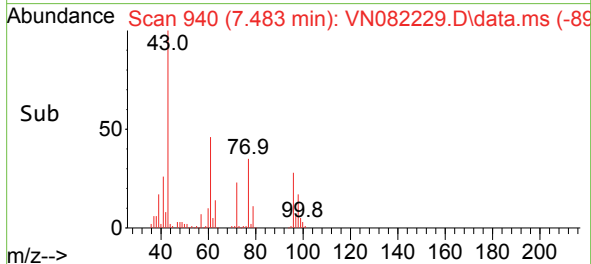
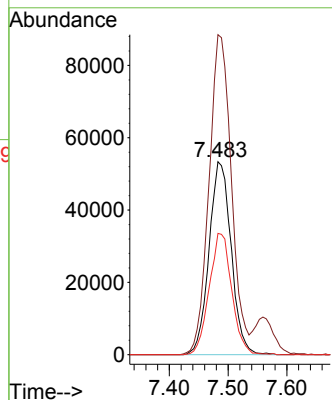


#27
 cis-1,2-Dichloroethene
 Concen: 51.938 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN082229.D
 Acq: 21 May 2024 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

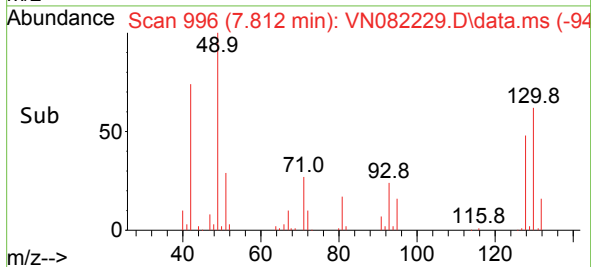
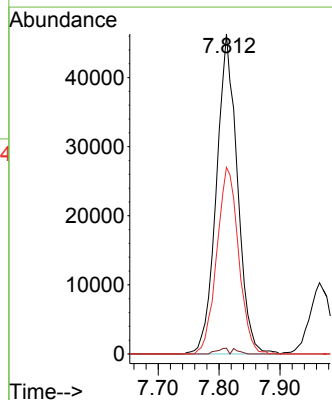
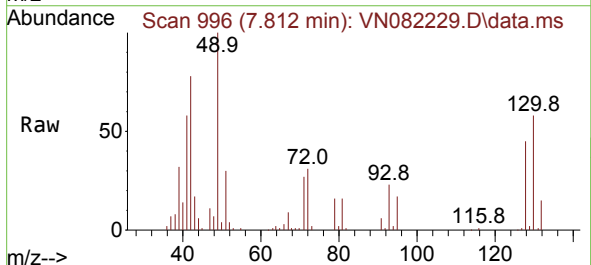


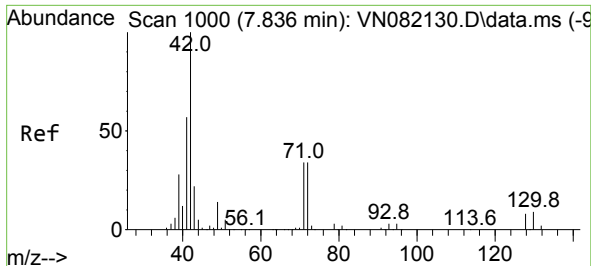
Tgt Ion: 96 Resp: 139496
 Ion Ratio Lower Upper
 96 100
 61 167.9 0.0 268.0
 98 64.0 0.0 126.8



#28
 Bromochloromethane
 Concen: 53.101 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082229.D
 Acq: 21 May 2024 10:22

Tgt Ion: 49 Resp: 110746
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 60.7 66.7 100.1#





#29

Tetrahydrofuran

Concen: 271.855 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

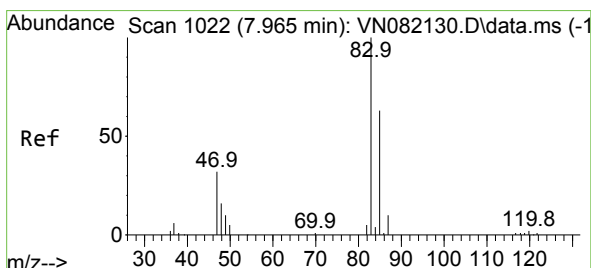
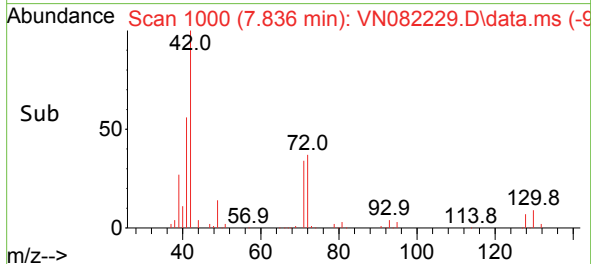
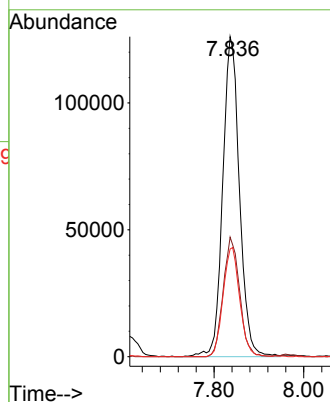
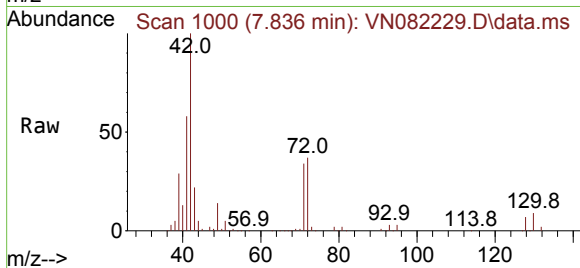
Tgt Ion: 42 Resp: 327792

Ion Ratio Lower Upper

42 100

72 36.5 39.3 58.9#

71 33.9 37.4 56.0#



#30

Chloroform

Concen: 52.593 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082229.D

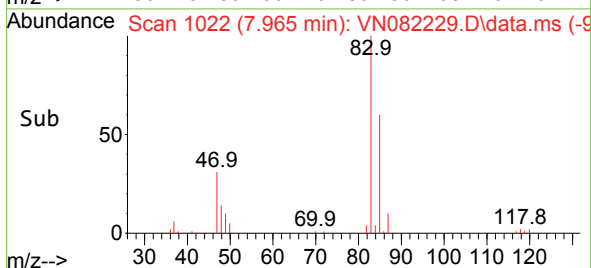
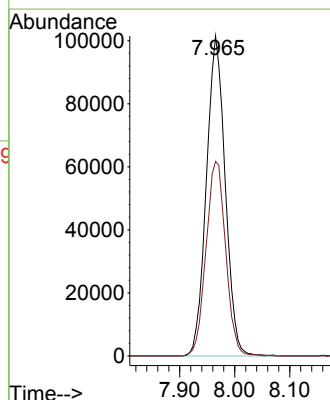
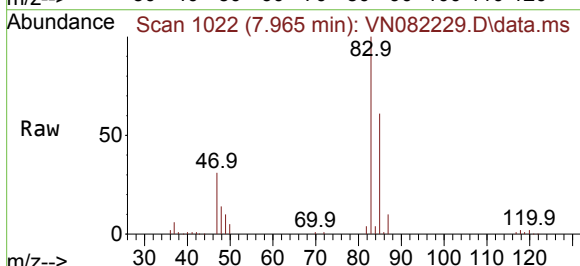
Acq: 21 May 2024 10:22

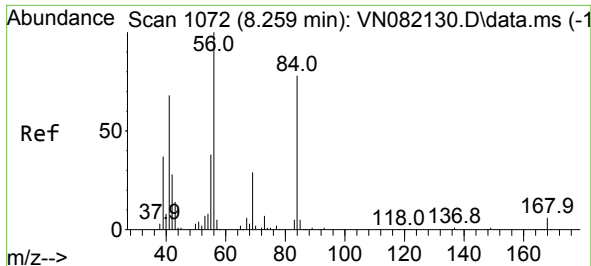
Tgt Ion: 83 Resp: 241692

Ion Ratio Lower Upper

83 100

85 60.8 50.7 76.1

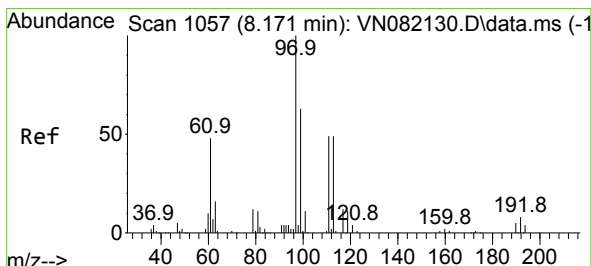
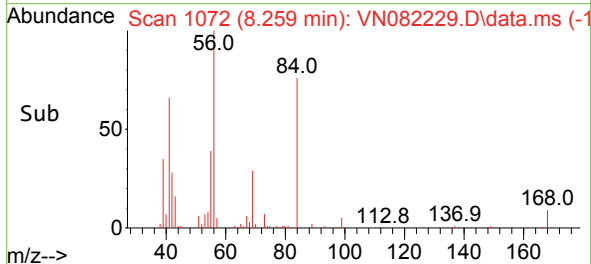
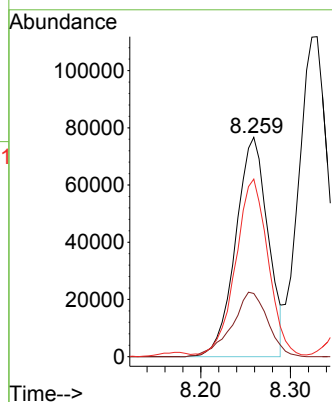
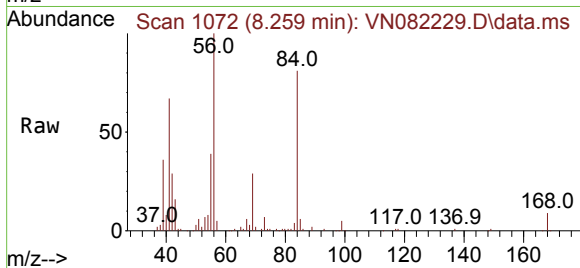




#31
Cyclohexane
Concen: 39.699 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

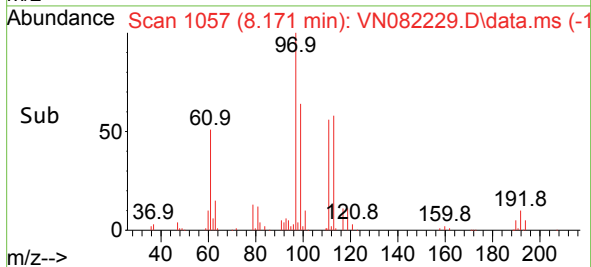
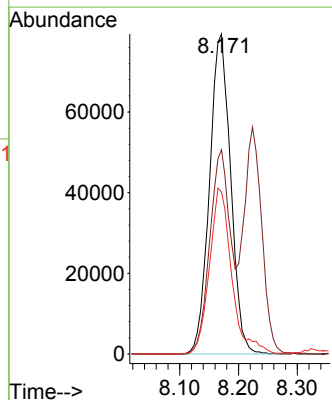
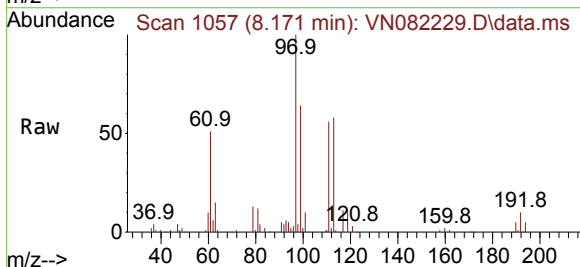
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

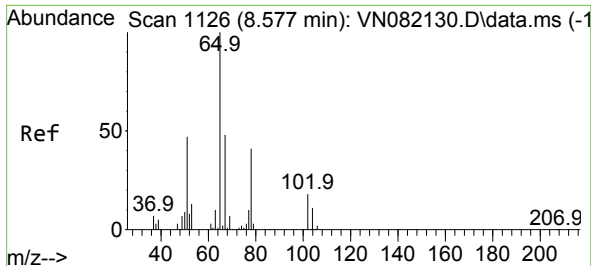
Tgt Ion: 56 Resp: 191451
Ion Ratio Lower Upper
56 100
69 28.8 24.4 36.6
84 79.1 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 48.522 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 97 Resp: 197825
Ion Ratio Lower Upper
97 100
99 61.5 50.3 75.5
61 54.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.063 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

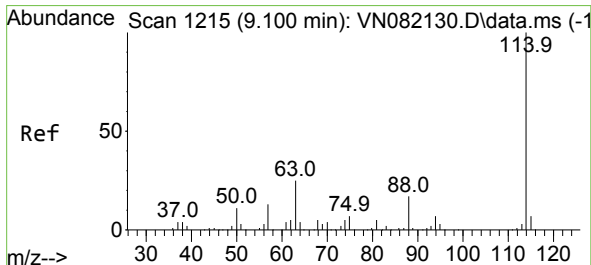
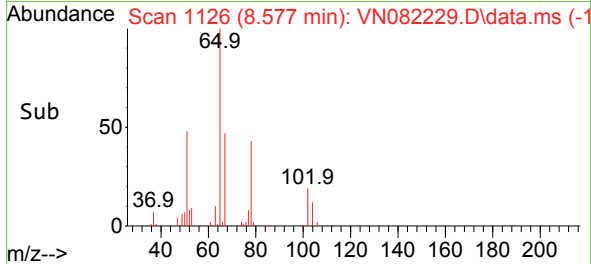
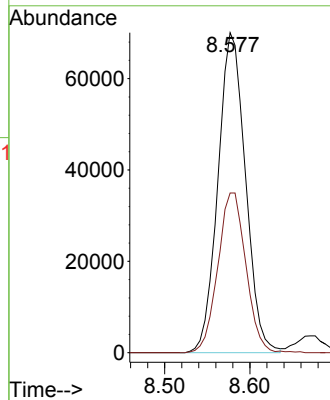
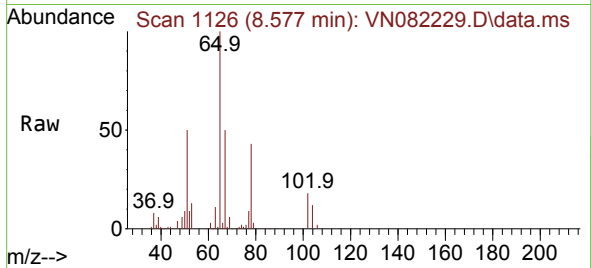
VSTDCCC050

Tgt Ion: 65 Resp: 157201

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

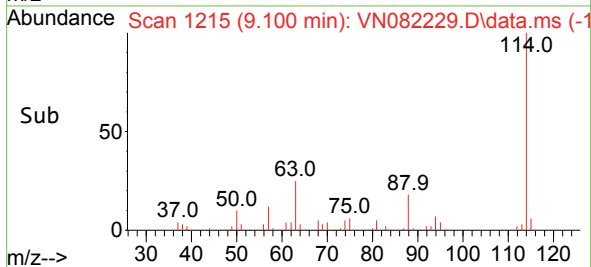
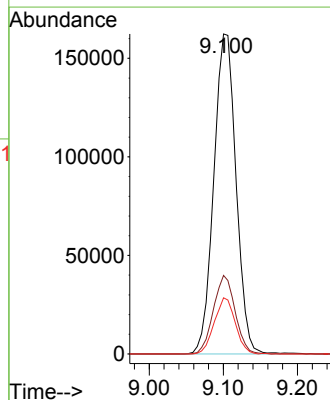
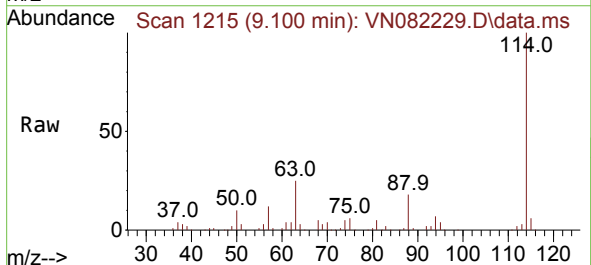
Tgt Ion: 114 Resp: 338292

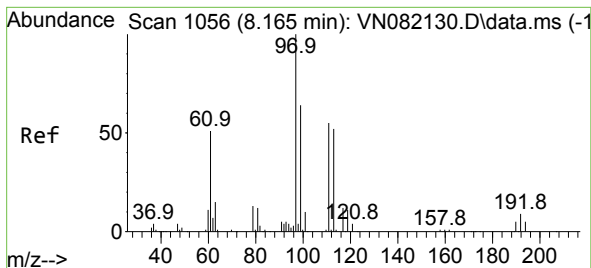
Ion Ratio Lower Upper

114 100

63 24.6 0.0 41.0

88 17.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.455 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

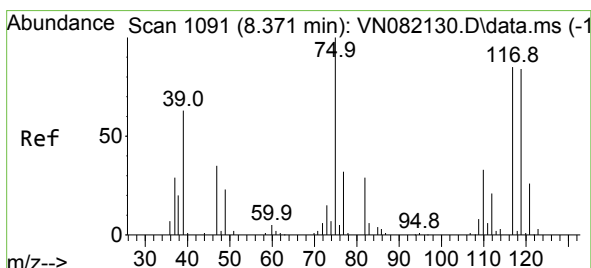
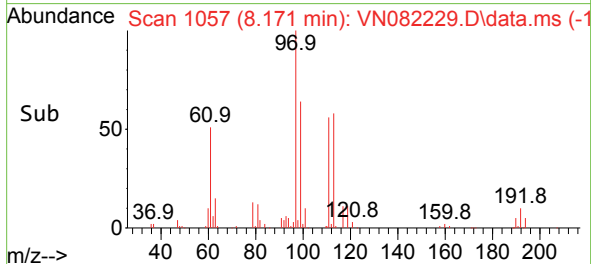
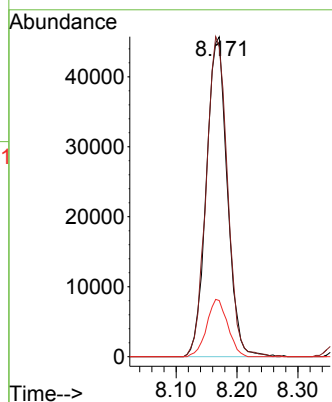
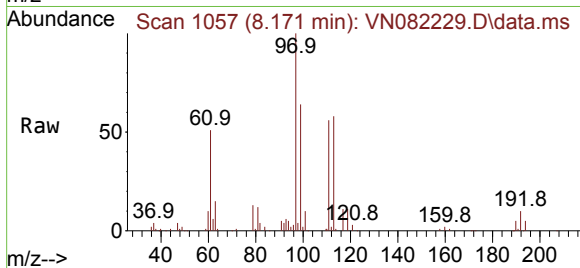
Tgt Ion:113 Resp: 109160

Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

192 18.0 14.0 21.0



#36

1,1-Dichloropropene

Concen: 44.734 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

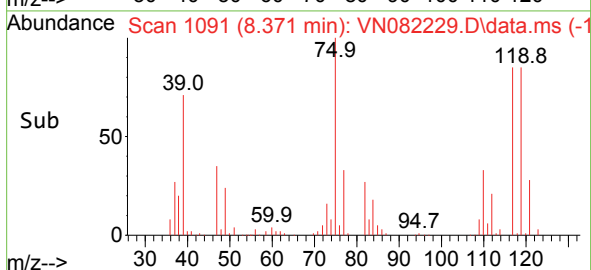
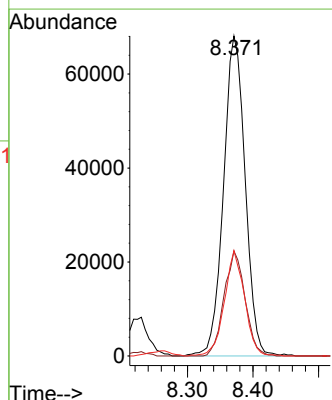
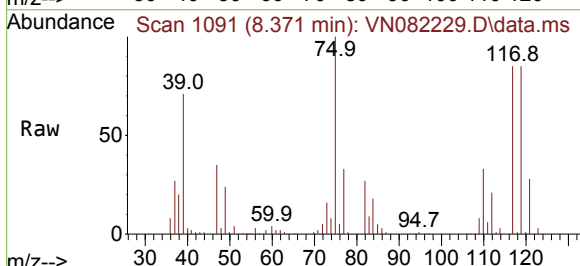
Tgt Ion: 75 Resp: 156130

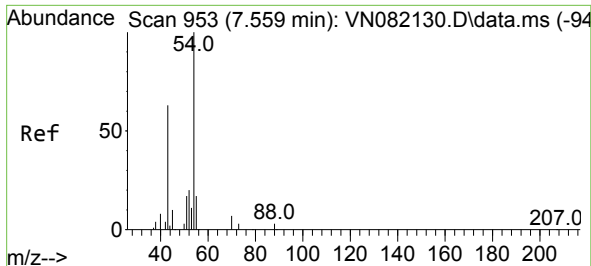
Ion Ratio Lower Upper

75 100

110 31.9 17.8 53.5

77 30.7 25.0 37.4

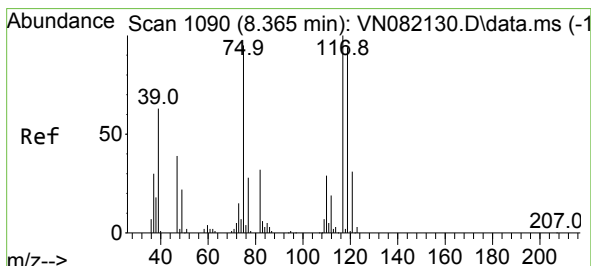
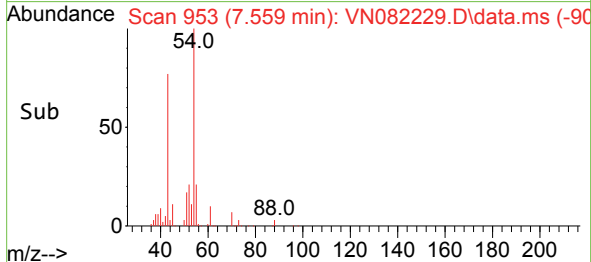
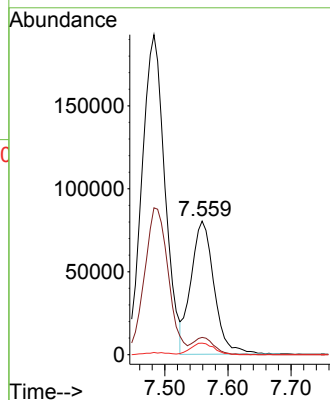
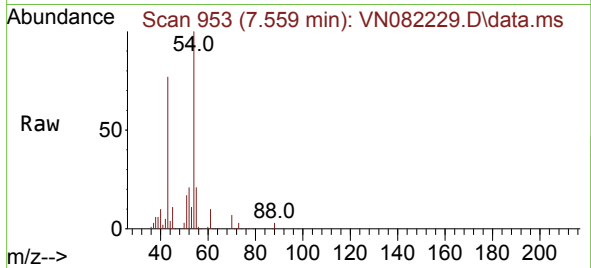




#37
Ethyl Acetate
Concen: 52.289 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

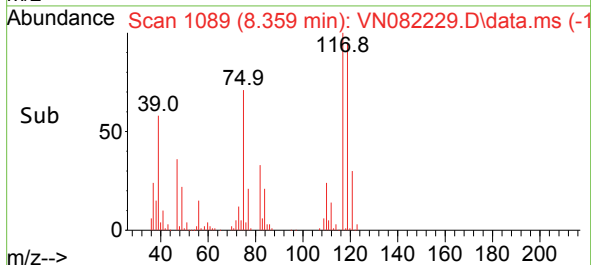
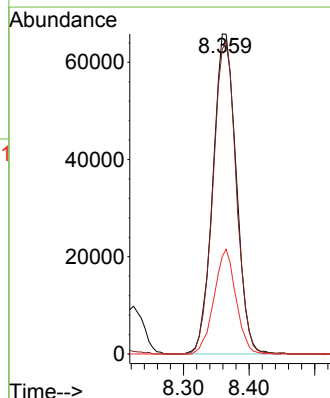
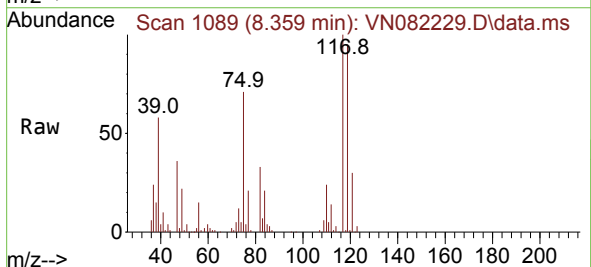
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

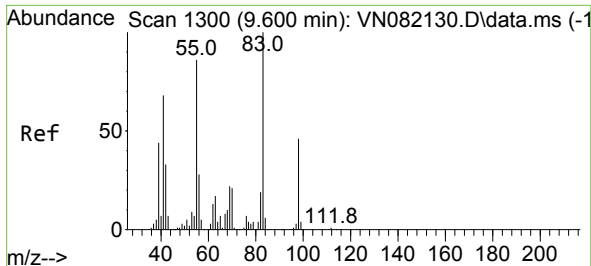
Tgt Ion: 43 Resp: 204238
Ion Ratio Lower Upper
43 100
61 11.9 11.3 16.9
70 8.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 45.903 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 117 Resp: 162405
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7
121 30.5 23.9 35.9

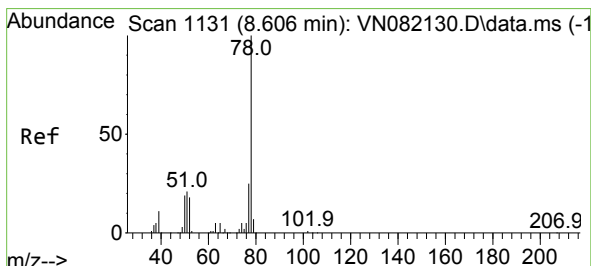
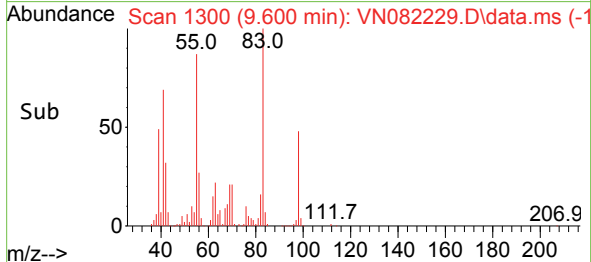
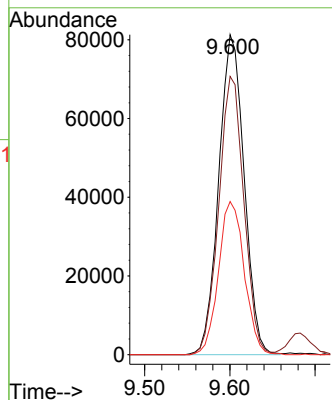
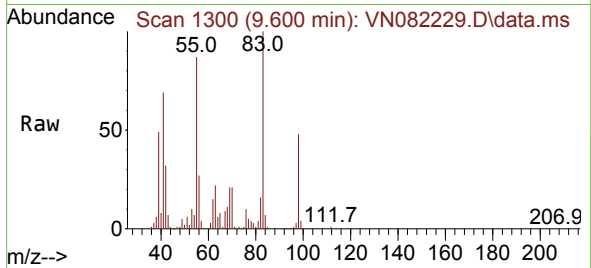




#39
Methylcyclohexane
Concen: 44.038 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

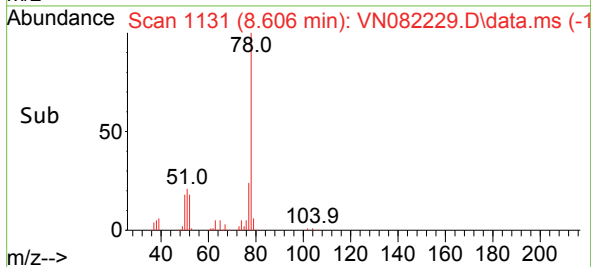
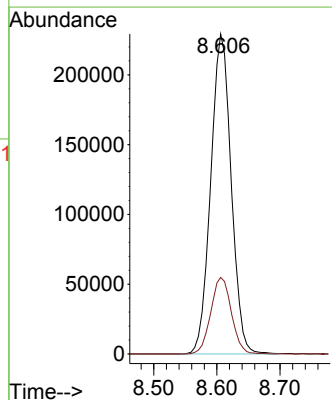
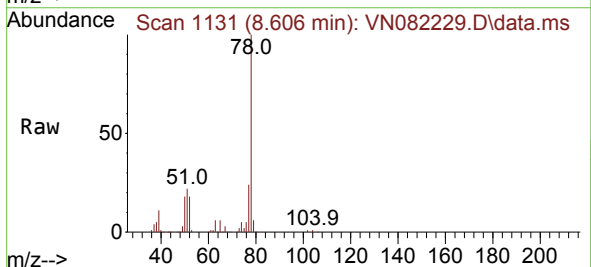
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

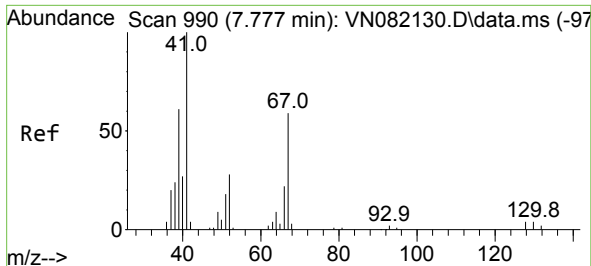
Tgt Ion: 83 Resp: 168475
Ion Ratio Lower Upper
83 100
55 87.0 53.0 79.6#
98 47.8 37.1 55.7



#40
Benzene
Concen: 49.503 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 78 Resp: 515216
Ion Ratio Lower Upper
78 100
77 23.9 20.0 30.0

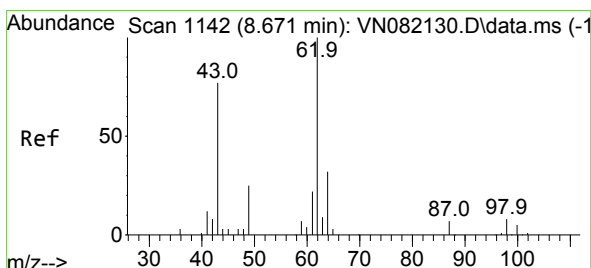
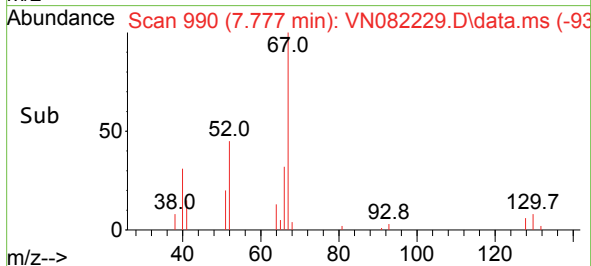
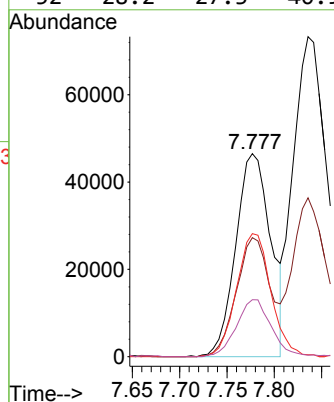
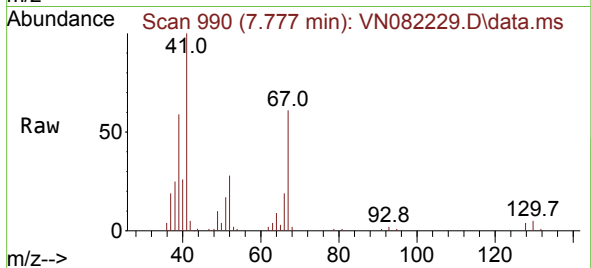




#41
Methacrylonitrile
Concen: 52.073 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

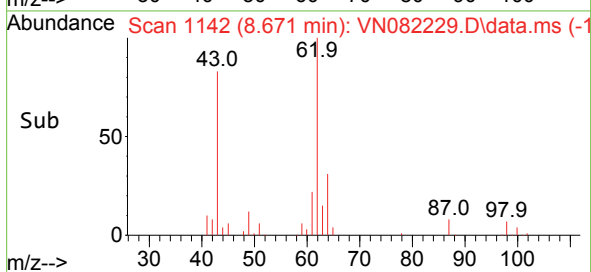
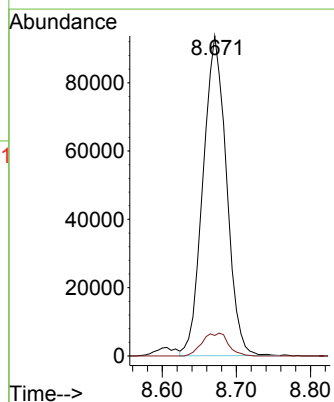
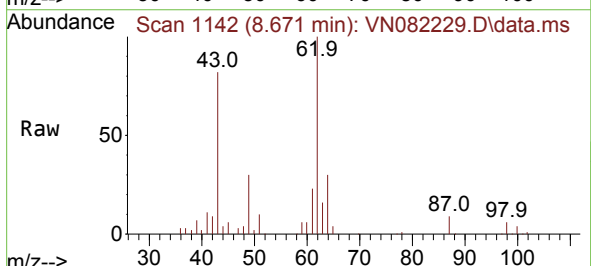
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

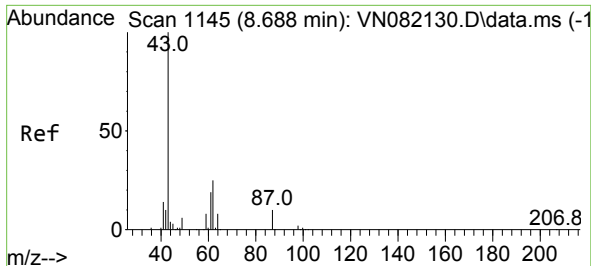
Tgt Ion:	41	Resp:	119620
Ion	Ratio	Lower	Upper
41	100		
39	57.5	46.6	69.8
67	59.5	67.3	100.9
52	28.2	27.3	40.9



#42
1,2-Dichloroethane
Concen: 51.307 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion:	62	Resp:	205374
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	19.6

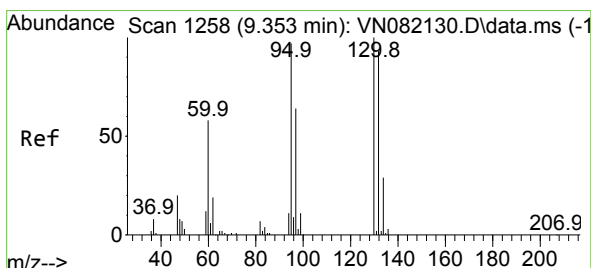
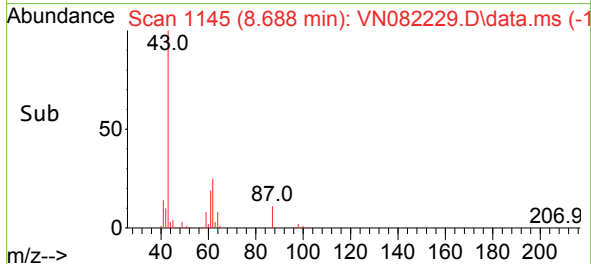
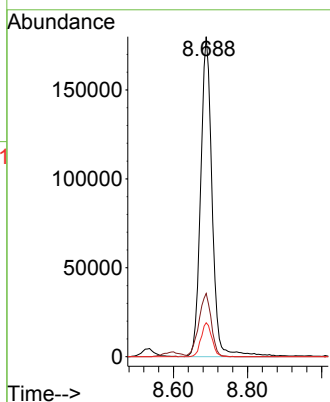
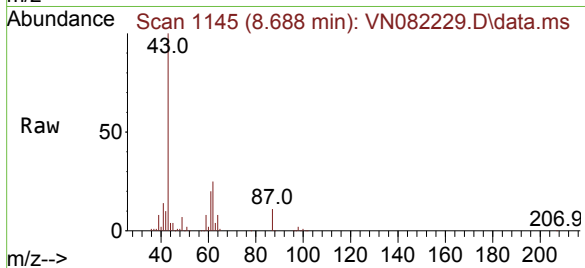




#43
Isopropyl Acetate
Concen: 55.806 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

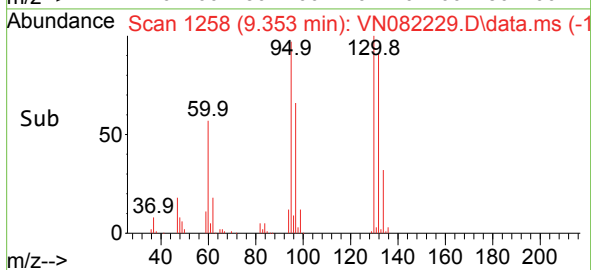
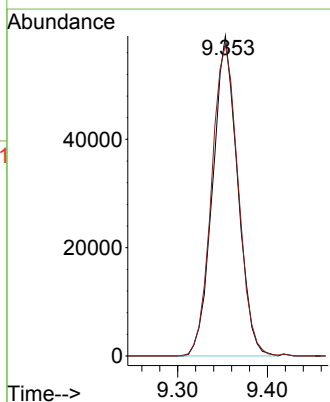
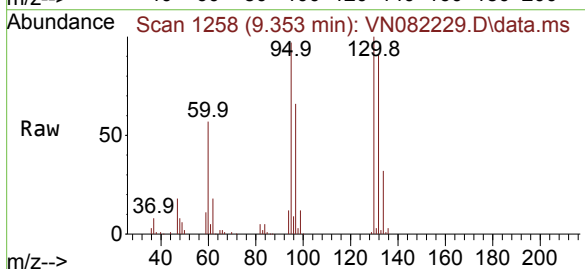
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

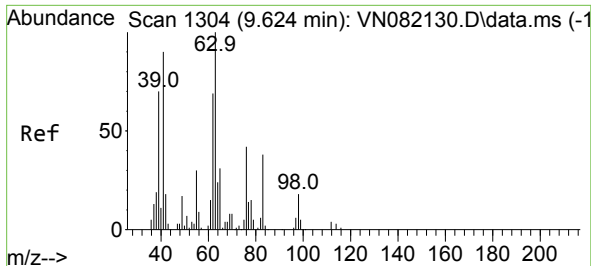
Tgt Ion: 43 Resp: 386235
Ion Ratio Lower Upper
43 100
61 21.5 22.8 34.2#
87 10.0 12.0 18.0#



#44
Trichloroethene
Concen: 48.242 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion:130 Resp: 114052
Ion Ratio Lower Upper
130 100
95 97.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 49.693 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

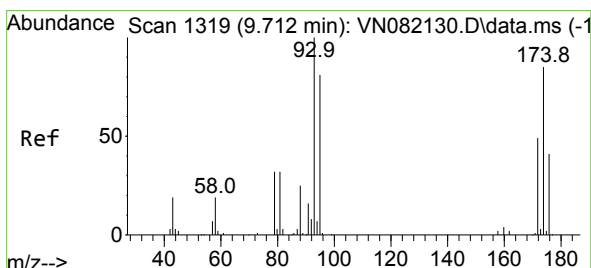
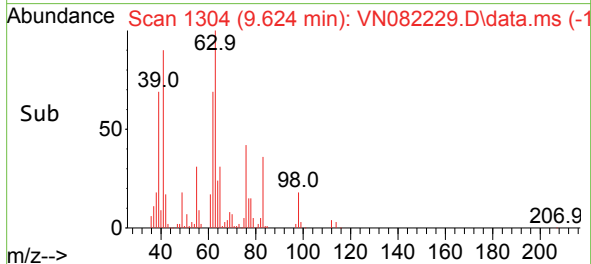
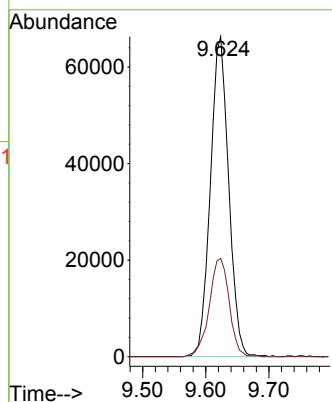
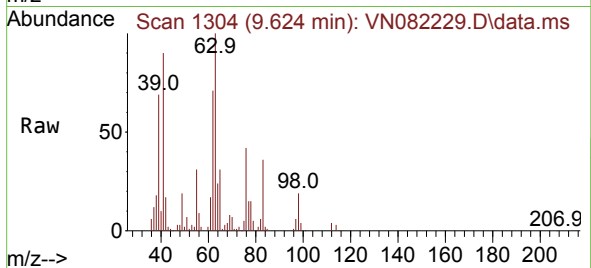
VSTDCCC050

Tgt Ion: 63 Resp: 133442

Ion Ratio Lower Upper

63 100

65 30.7 24.1 36.1



#46

Dibromomethane

Concen: 51.651 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

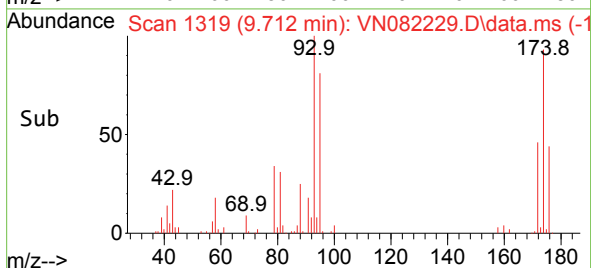
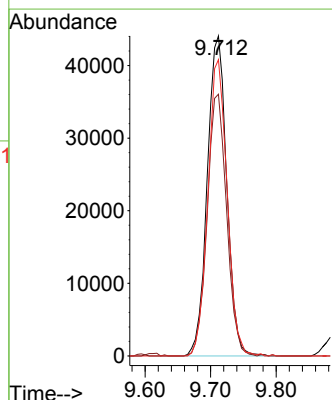
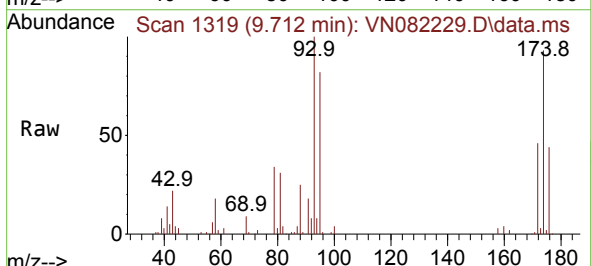
Tgt Ion: 93 Resp: 91061

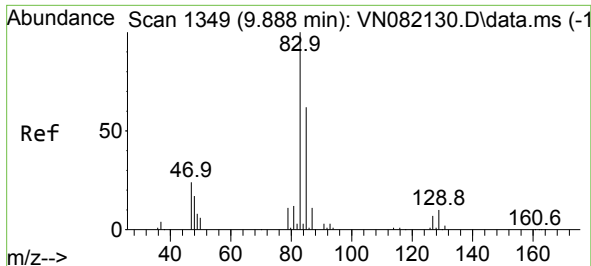
Ion Ratio Lower Upper

93 100

95 81.5 64.8 97.2

174 91.6 73.4 110.0





#47

Bromodichloromethane

Concen: 52.282 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

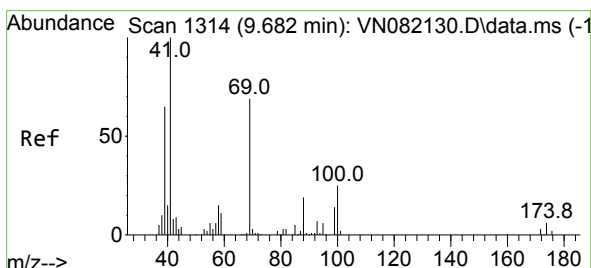
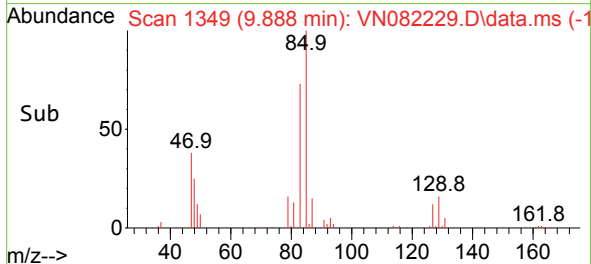
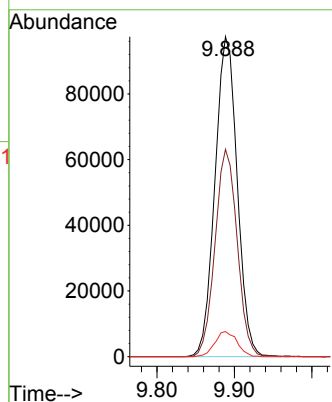
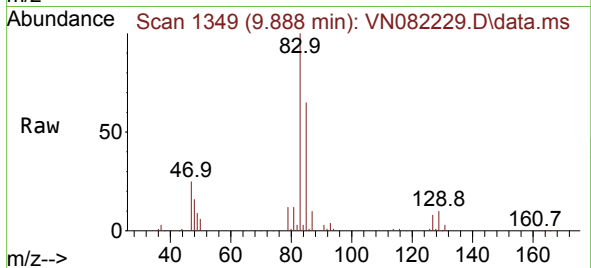
Tgt Ion: 83 Resp: 194588

Ion Ratio Lower Upper

83 100

85 64.8 51.9 77.9

127 7.9 7.5 11.3



#48

Methyl methacrylate

Concen: 53.378 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

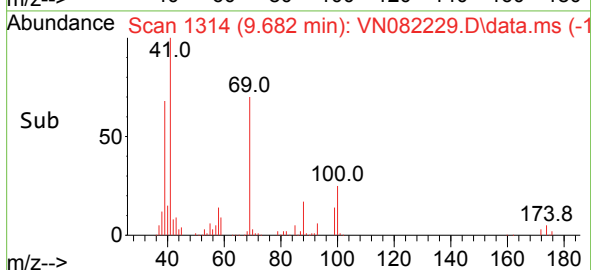
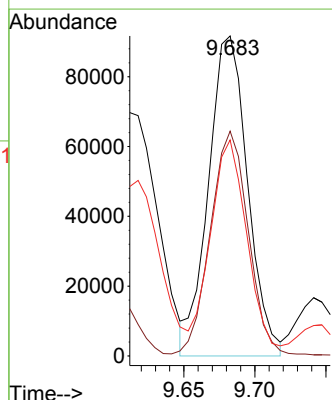
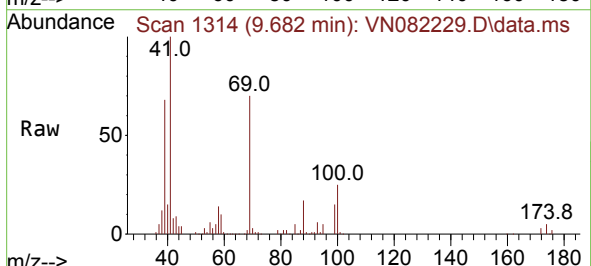
Tgt Ion: 41 Resp: 176035

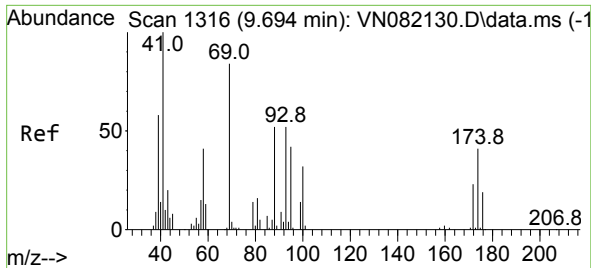
Ion Ratio Lower Upper

41 100

69 68.7 77.9 116.9#

39 63.4 50.9 76.3





#49

1,4-Dioxane

Concen: 1084.596 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

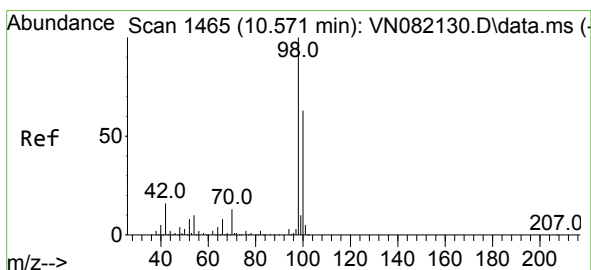
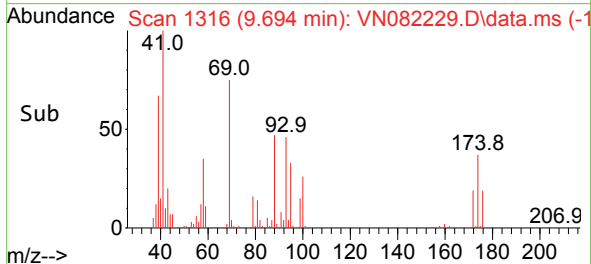
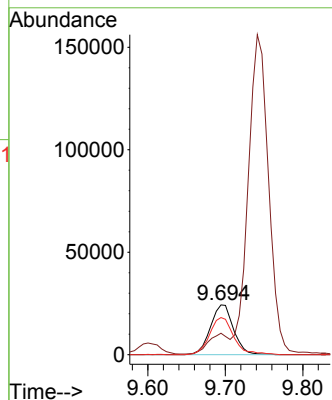
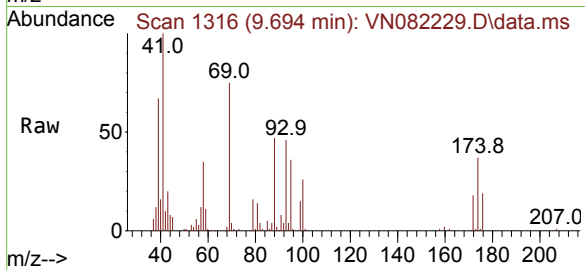
Tgt Ion: 88 Resp: 50122

Ion Ratio Lower Upper

88 100

43 37.2 19.0 28.6#

58 78.4 50.6 76.0#



#50

Toluene-d8

Concen: 49.211 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082229.D

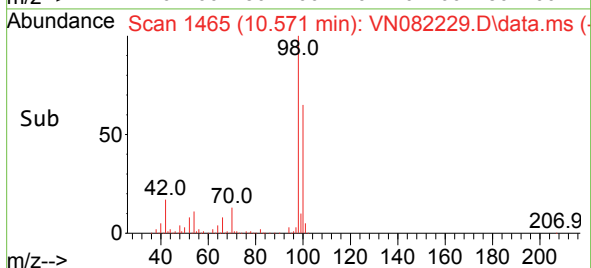
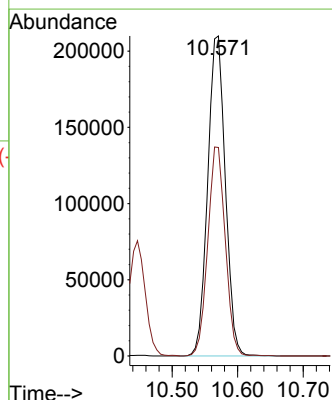
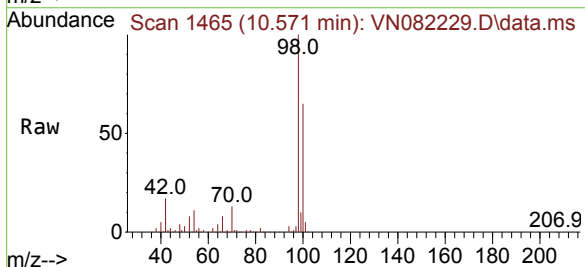
Acq: 21 May 2024 10:22

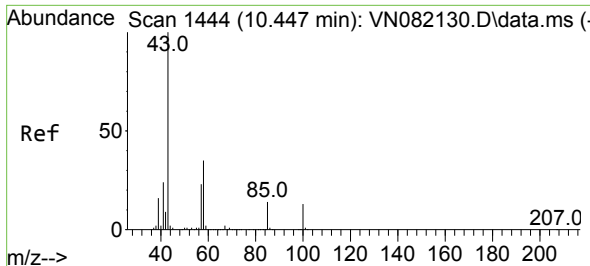
Tgt Ion: 98 Resp: 392627

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6

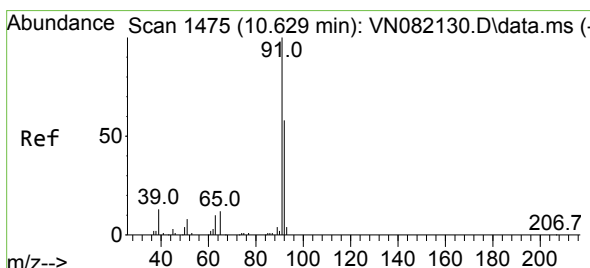
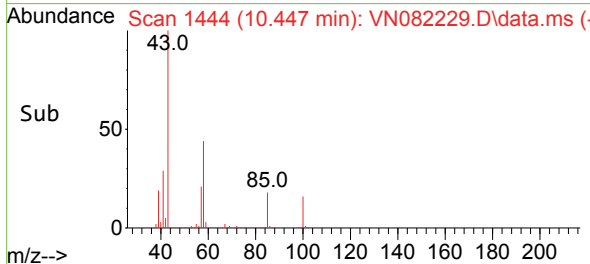
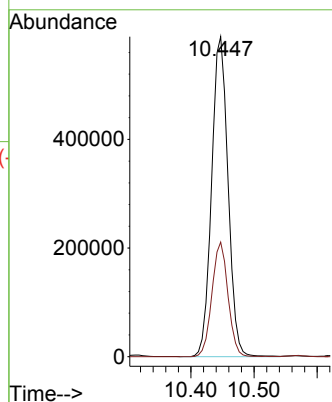
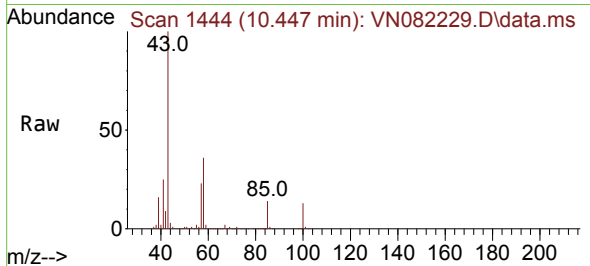




#51
4-Methyl-2-Pentanone
Concen: 270.138 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

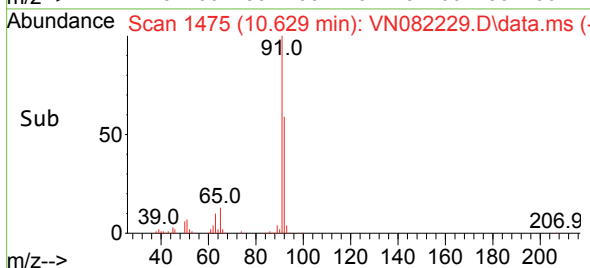
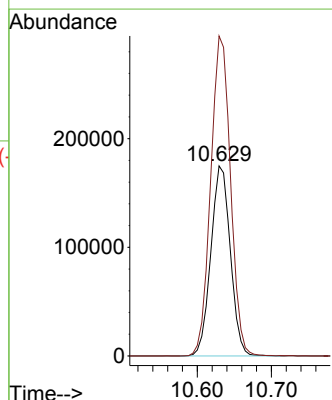
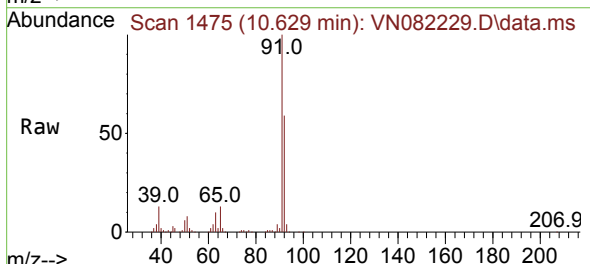
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

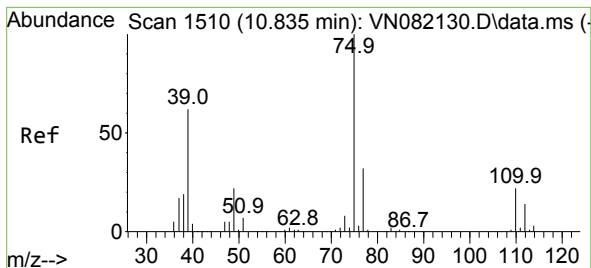
Tgt Ion: 43 Resp: 1062275
Ion Ratio Lower Upper
43 100
58 35.1 33.2 49.8



#52
Toluene
Concen: 51.149 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 92 Resp: 319464
Ion Ratio Lower Upper
92 100
91 171.2 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 55.376 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

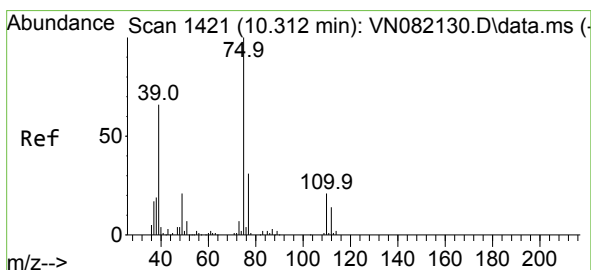
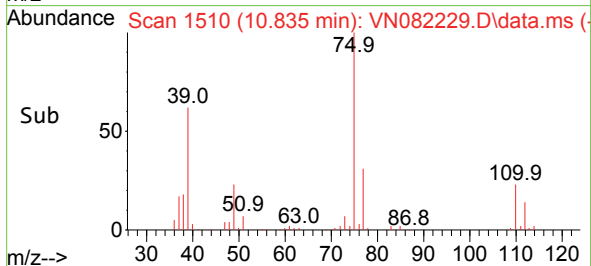
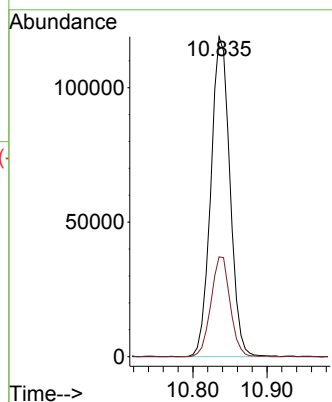
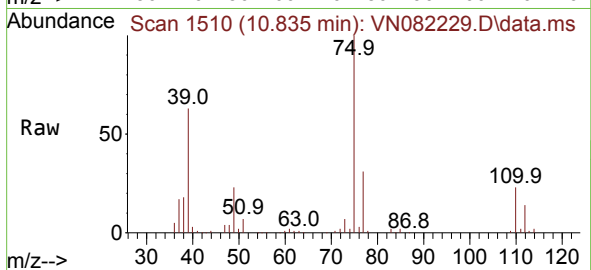
VSTDCCC050

Tgt Ion: 75 Resp: 213158

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 54.185 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

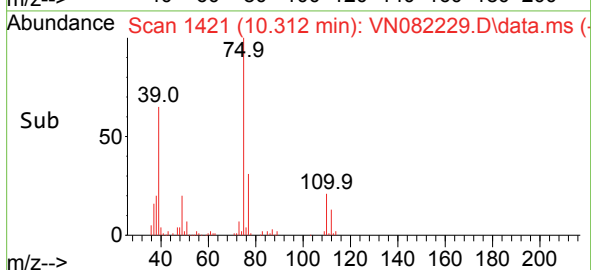
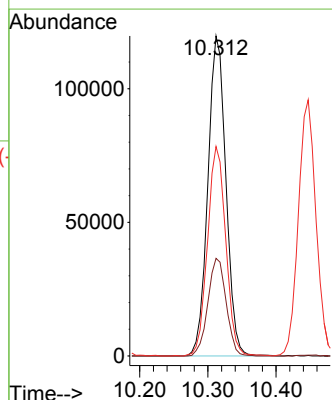
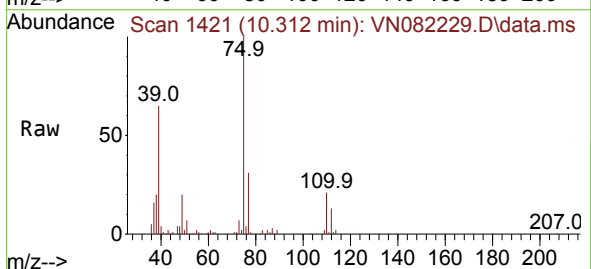
Tgt Ion: 75 Resp: 220775

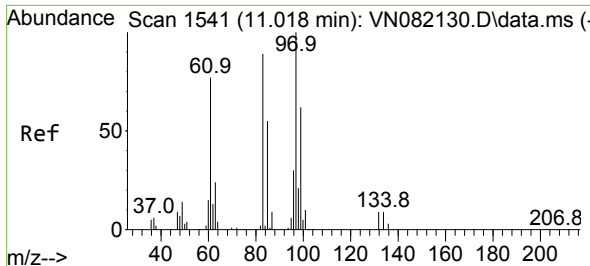
Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4

39 65.5 34.8 52.2#

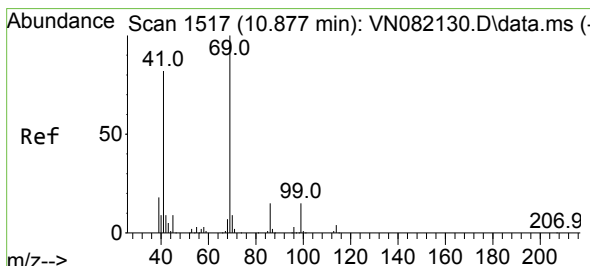
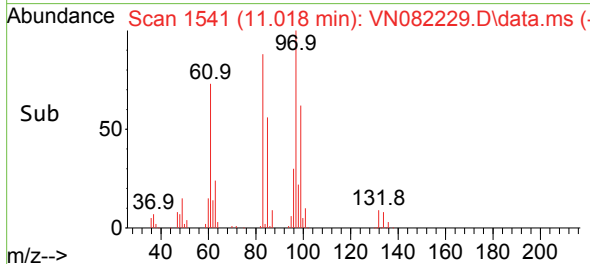
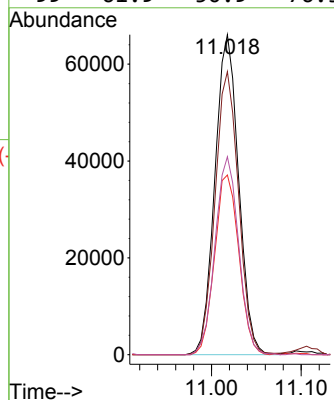
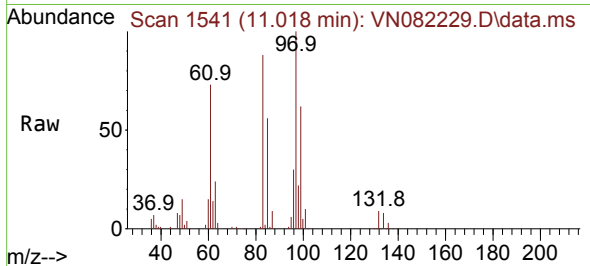




#55
1,1,2-Trichloroethane
Concen: 53.427 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

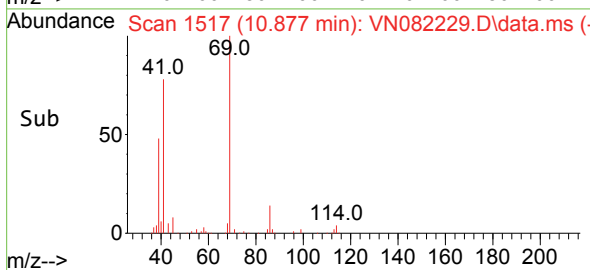
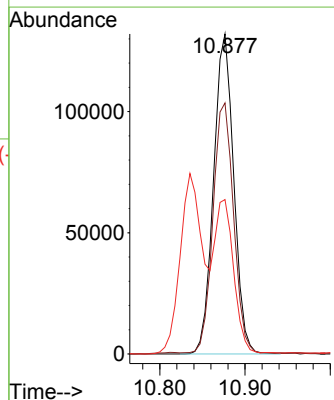
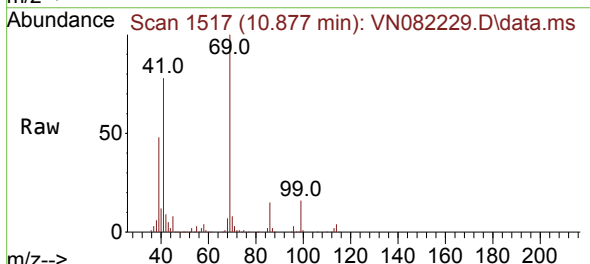
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

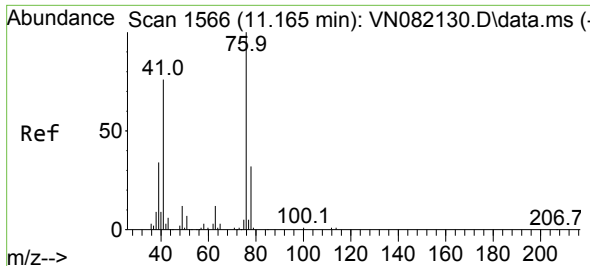
Tgt Ion:	97	Resp:	121266
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.4	105.6
85	56.2	45.6	68.4
99	61.9	50.9	76.3



#56
Ethyl methacrylate
Concen: 56.326 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion:	69	Resp:	217056
Ion	Ratio	Lower	Upper
69	100		
41	79.9	46.6	70.0#
39	44.4	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 52.359 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

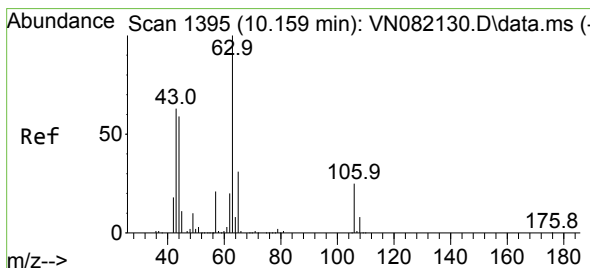
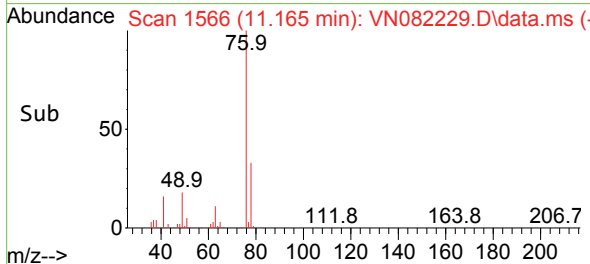
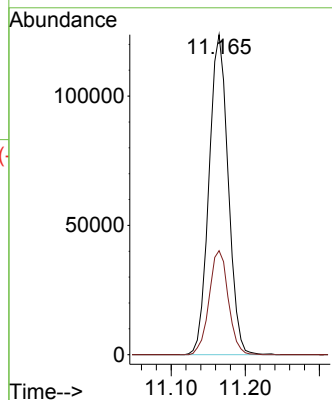
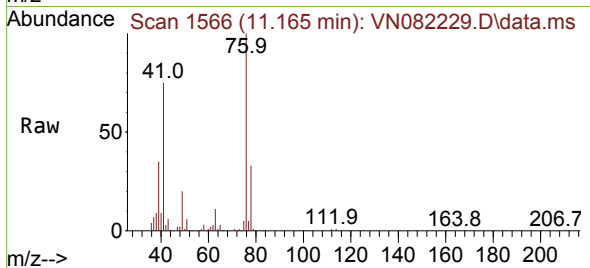
VSTDCCC050

Tgt Ion: 76 Resp: 222203

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 270.330 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN082229.D

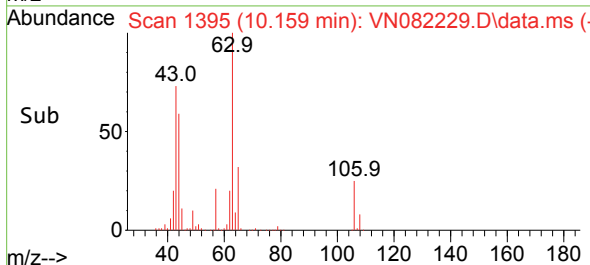
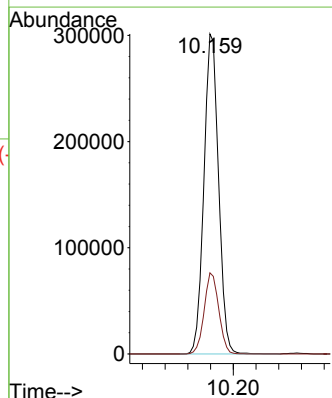
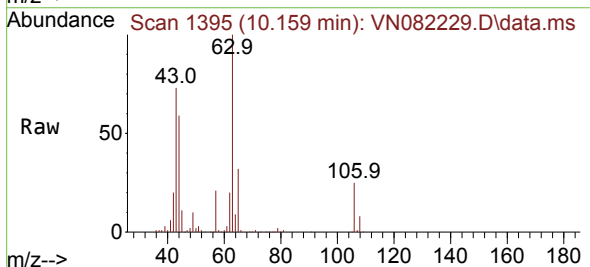
Acq: 21 May 2024 10:22

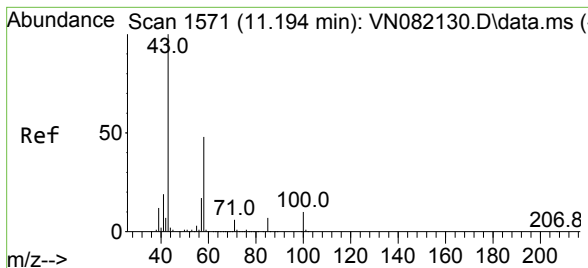
Tgt Ion: 63 Resp: 537330

Ion Ratio Lower Upper

63 100

106 25.2 24.6 36.8

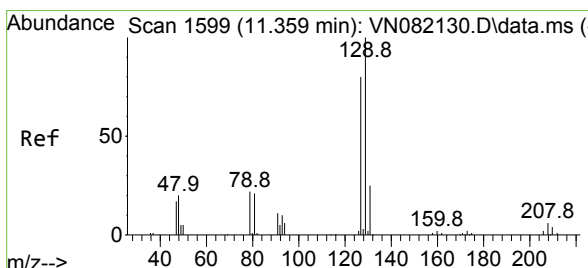
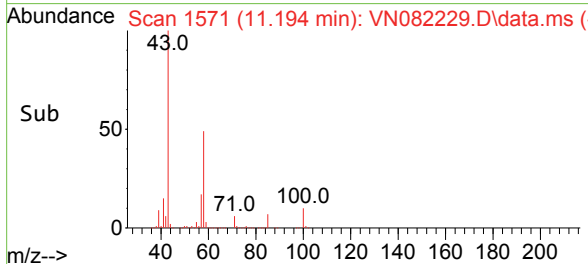
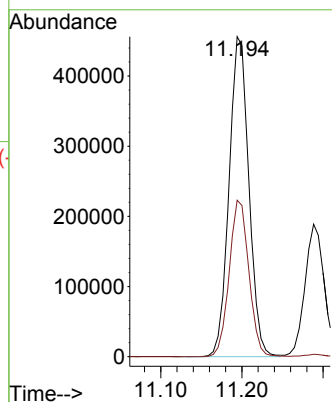
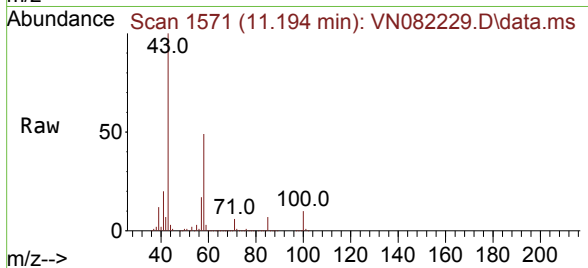




#59
2-Hexanone
Concen: 268.121 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

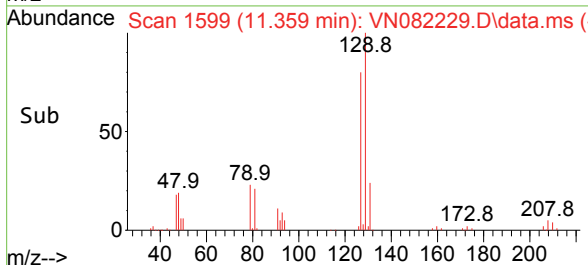
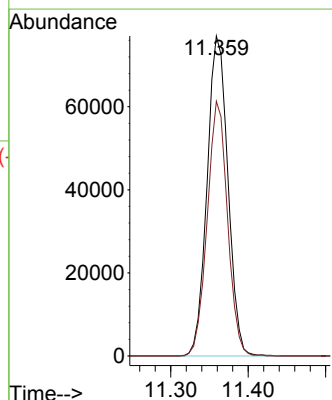
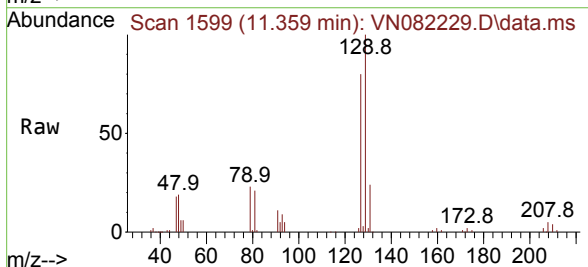
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

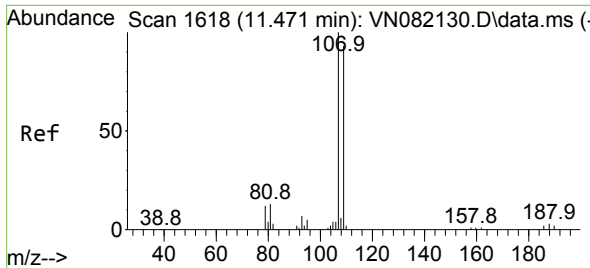
Tgt Ion: 43 Resp: 771997
Ion Ratio Lower Upper
43 100
58 48.6 28.3 84.9



#60
Dibromochloromethane
Concen: 57.336 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 129 Resp: 143616
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8

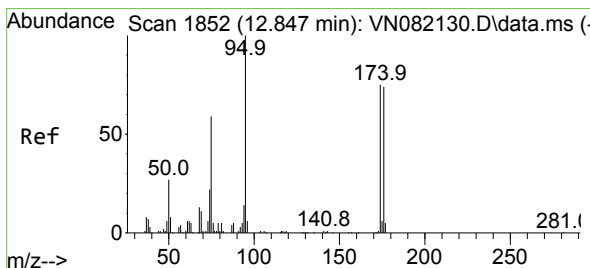
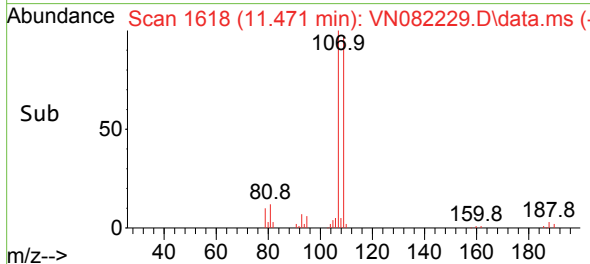
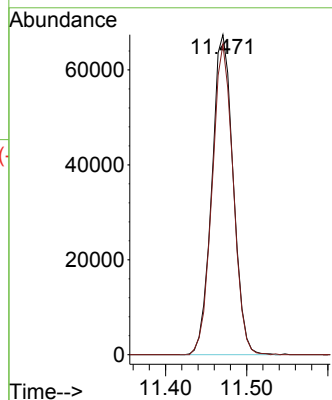
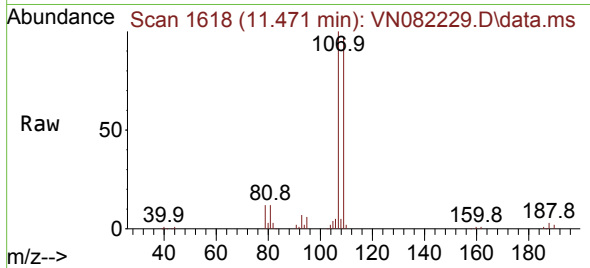




#61
1,2-Dibromoethane
Concen: 52.803 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

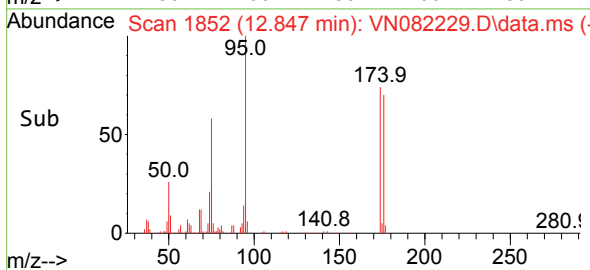
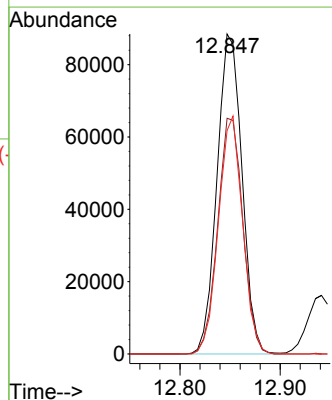
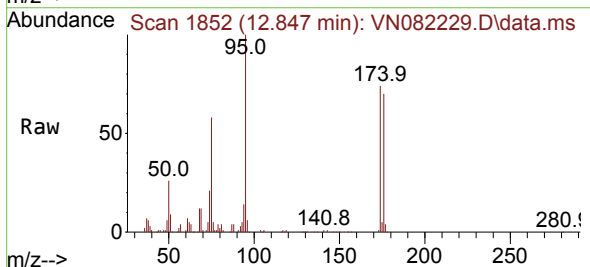
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

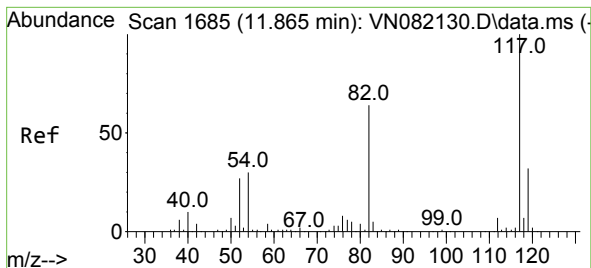
Tgt Ion:107 Resp: 123101
Ion Ratio Lower Upper
107 100
109 95.5 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 53.811 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 95 Resp: 153238
Ion Ratio Lower Upper
95 100
174 74.2 0.0 160.6
176 71.8 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: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

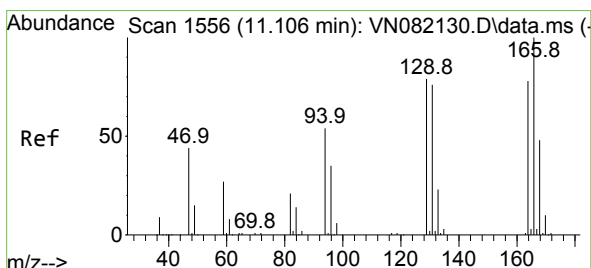
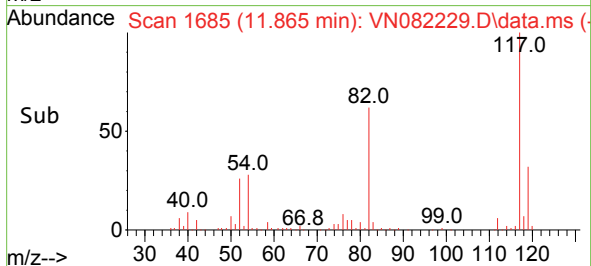
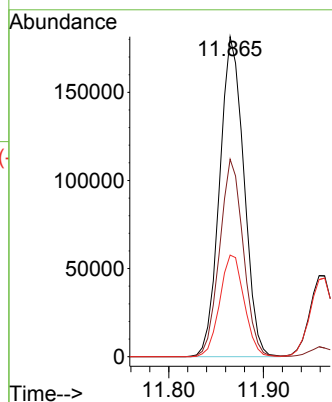
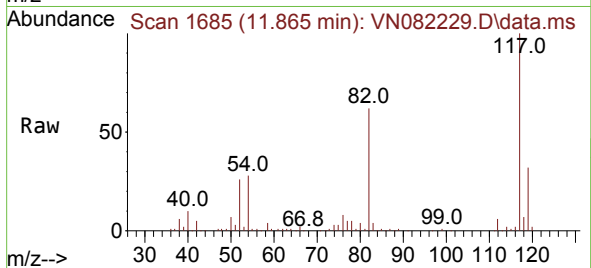
Tgt Ion:117 Resp: 322966

Ion Ratio Lower Upper

117 100

82 61.7 44.6 66.8

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 47.647 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Tgt Ion:164 Resp: 114058

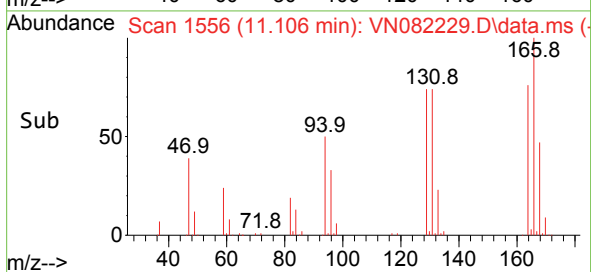
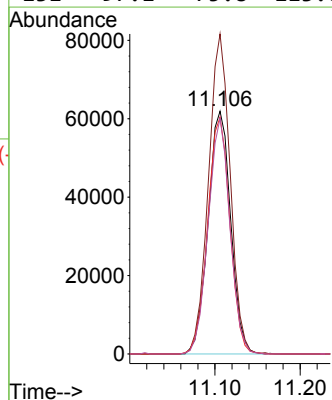
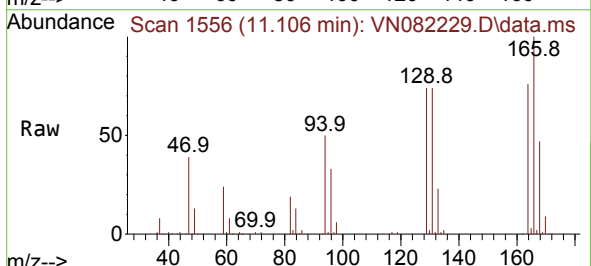
Ion Ratio Lower Upper

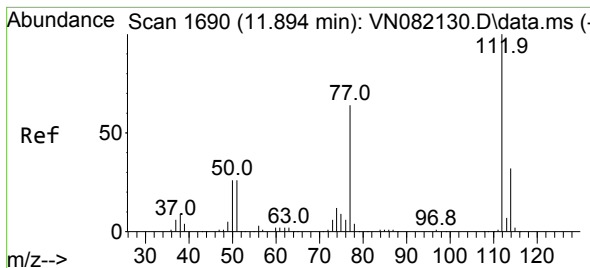
164 100

166 131.8 97.6 146.4

129 97.5 73.7 110.5

131 97.1 75.8 113.6





#65

Chlorobenzene

Concen: 47.696 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

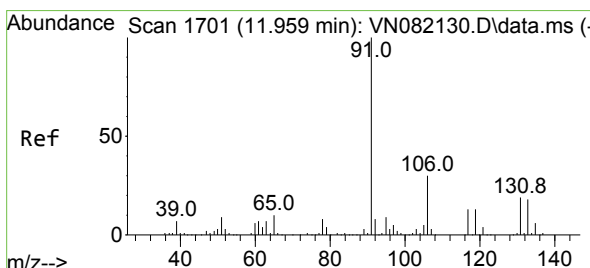
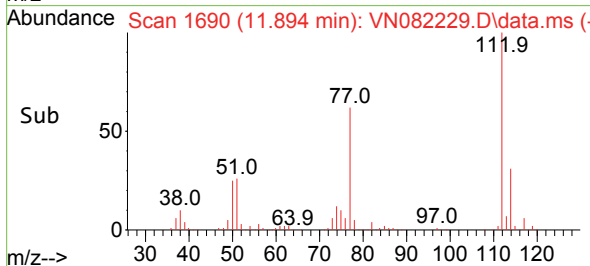
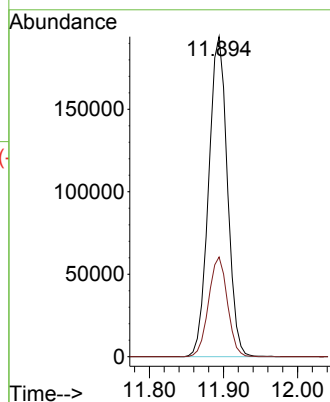
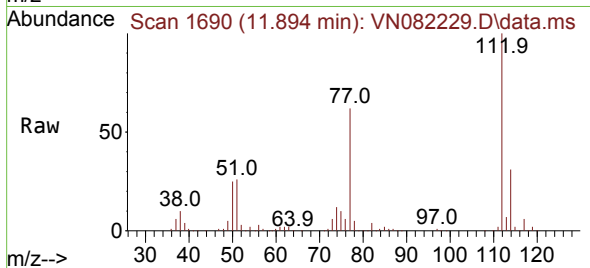
VSTDCCC050

Tgt Ion:112 Resp: 340299

Ion Ratio Lower Upper

112 100

114 31.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 51.745 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

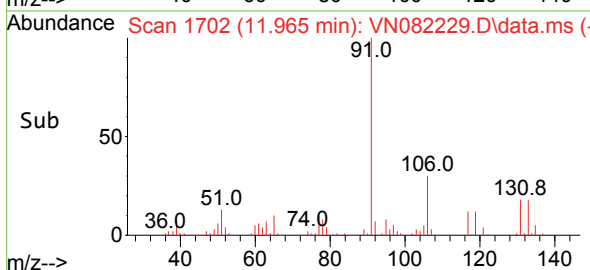
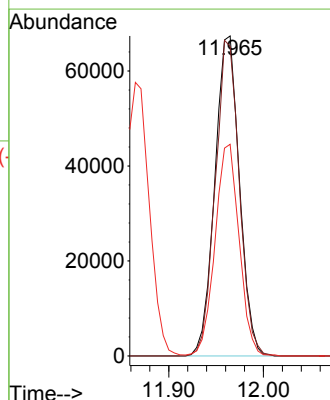
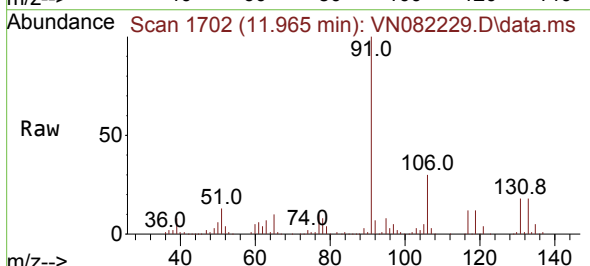
Tgt Ion:131 Resp: 121608

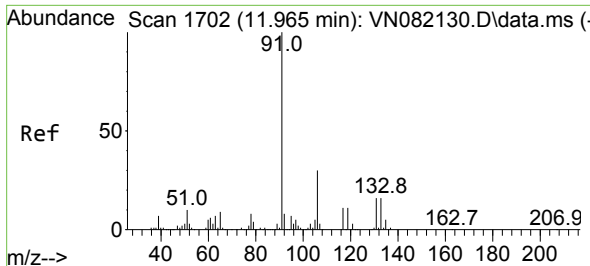
Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.6

119 65.0 32.9 98.7

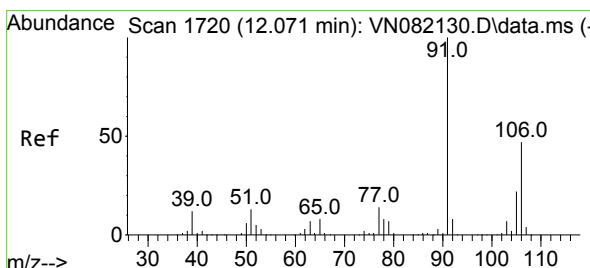
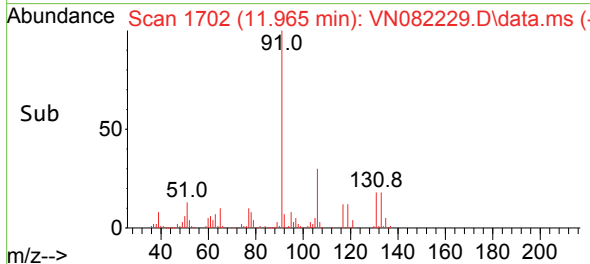
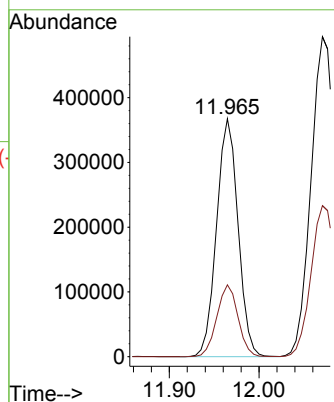
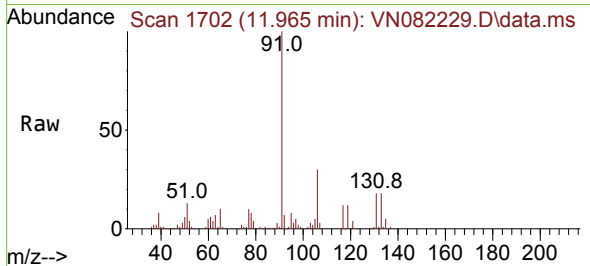




#67
Ethyl Benzene
Concen: 47.836 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

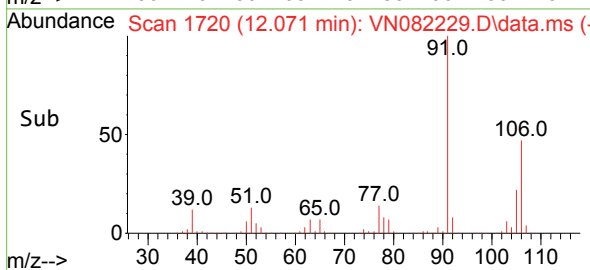
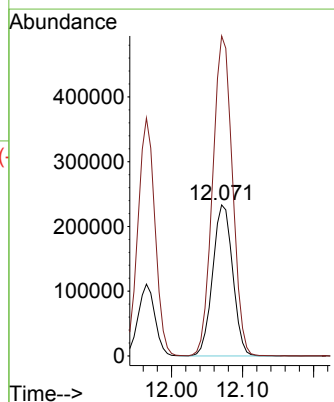
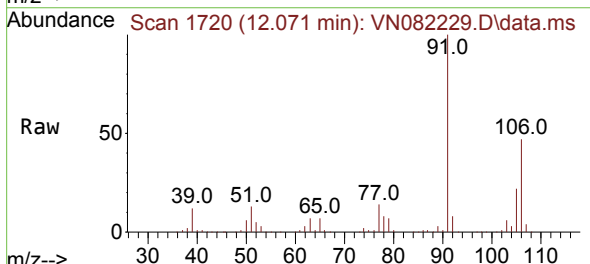
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

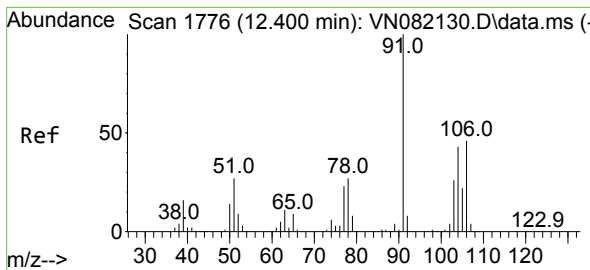
Tgt Ion: 91 Resp: 610542
Ion Ratio Lower Upper
91 100
106 30.2 25.3 37.9



#68
m/p-Xylenes
Concen: 97.395 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion:106 Resp: 455590
Ion Ratio Lower Upper
106 100
91 210.0 159.4 239.0

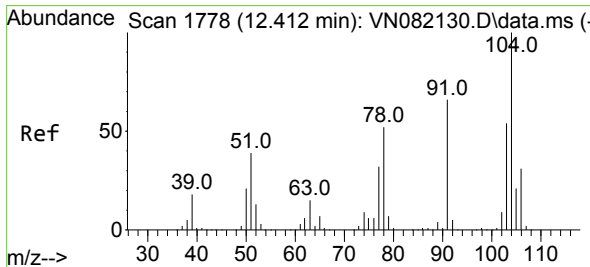
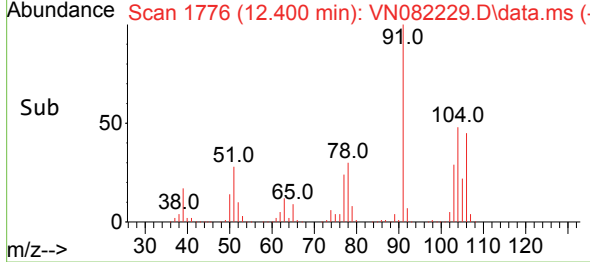
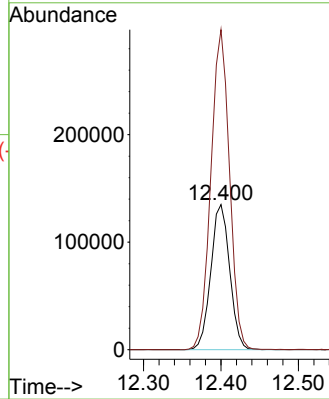
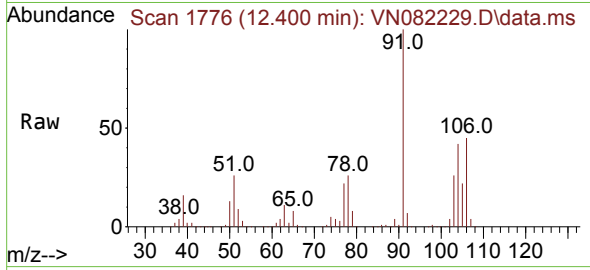




#69
o-Xylene
Concen: 50.434 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

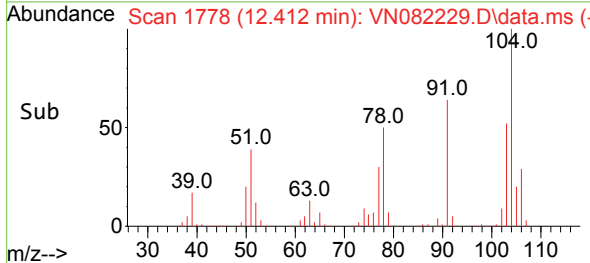
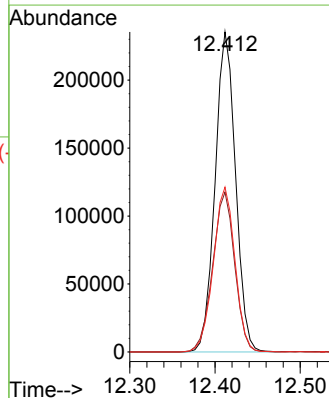
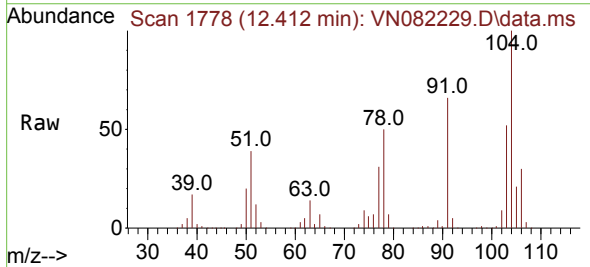
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

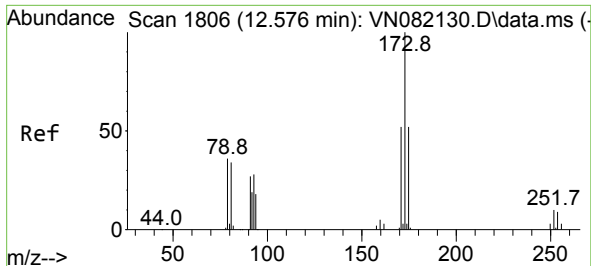
Tgt Ion:106 Resp: 228527
Ion Ratio Lower Upper
106 100
91 217.7 104.7 314.1



#70
Styrene
Concen: 52.218 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion:104 Resp: 393017
Ion Ratio Lower Upper
104 100
78 53.8 38.6 58.0
103 54.7 43.8 65.6

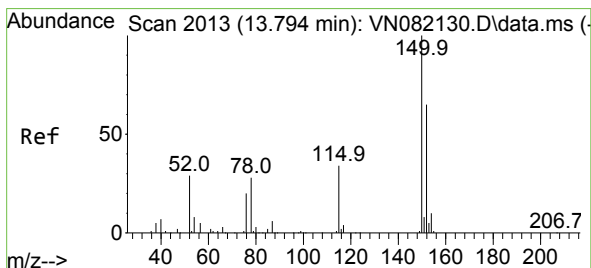
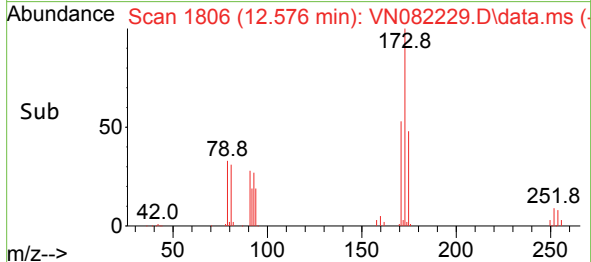
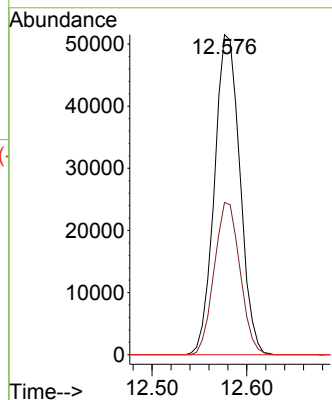
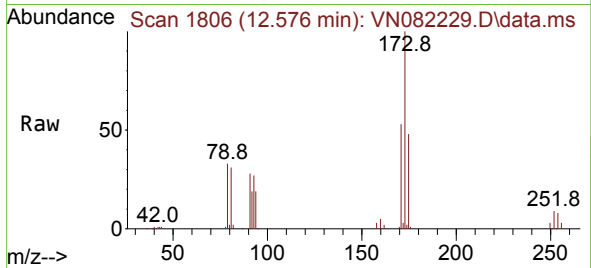




#71
Bromoform
Concen: 51.471 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

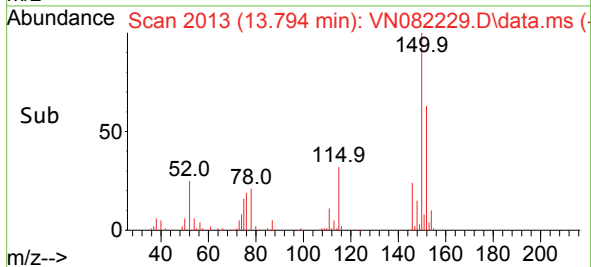
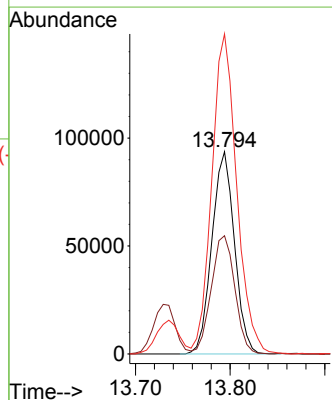
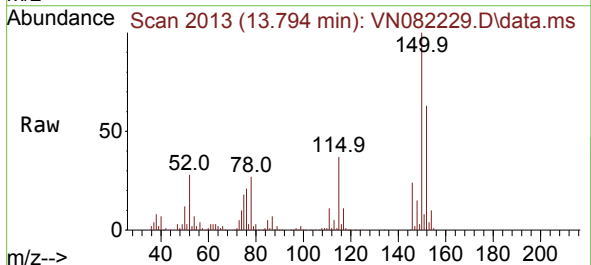
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

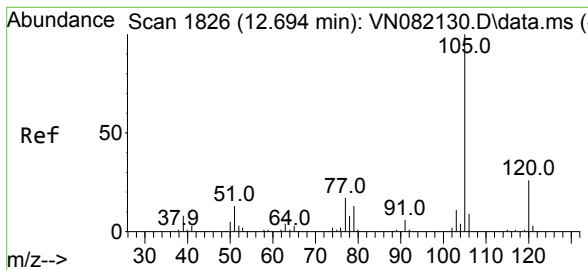
Tgt Ion:173 Resp: 96247
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion:152 Resp: 155570
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 174.0 0.0 353.2

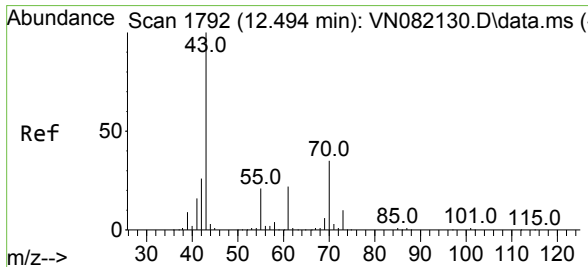
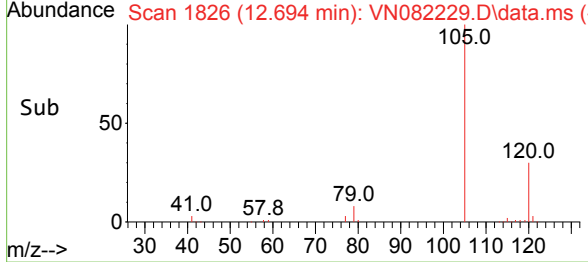
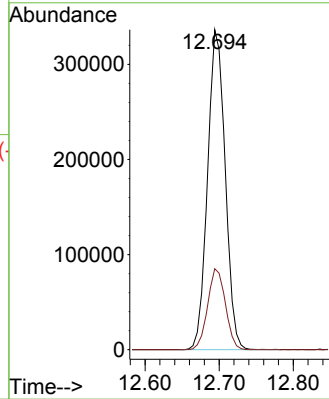
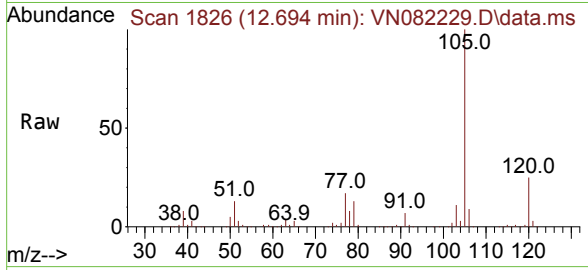




#73
Isopropylbenzene
Concen: 44.975 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

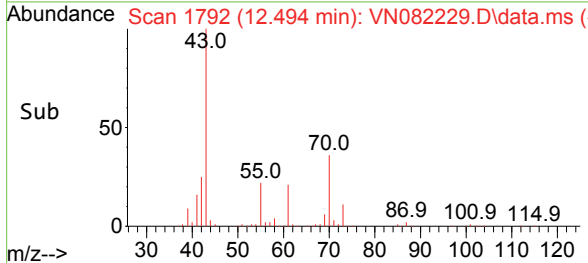
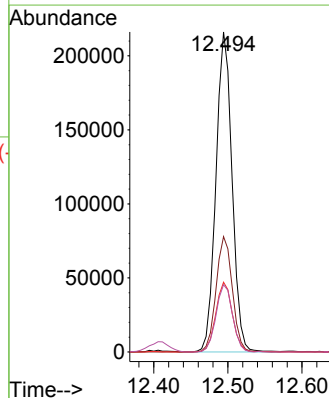
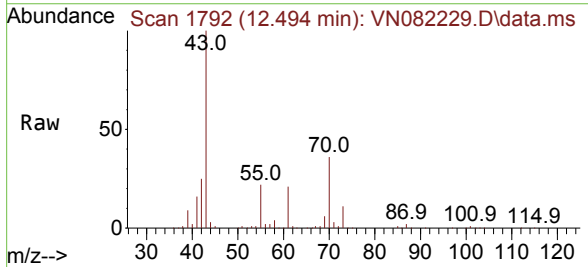
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

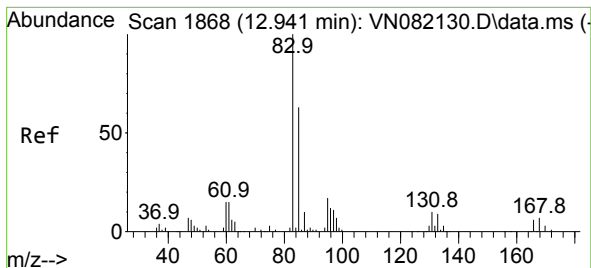
Tgt Ion:105 Resp: 555857
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 47.983 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 43 Resp: 326202
Ion Ratio Lower Upper
43 100
70 36.4 39.0 58.4#
55 22.6 21.3 31.9
61 21.5 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 47.426 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

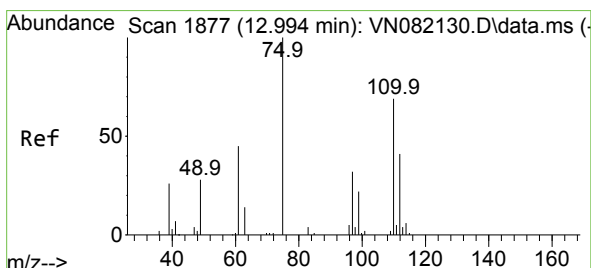
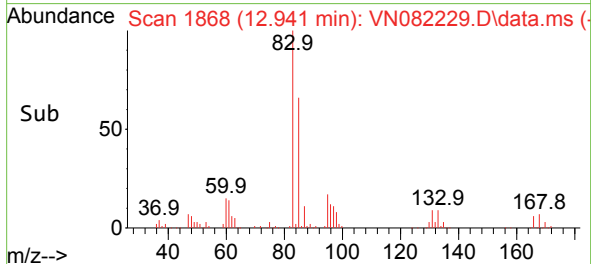
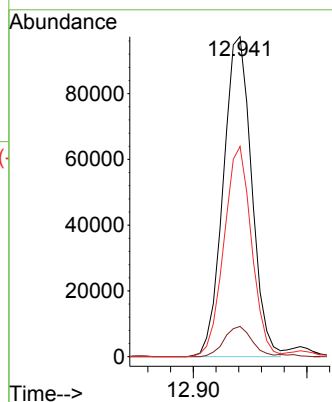
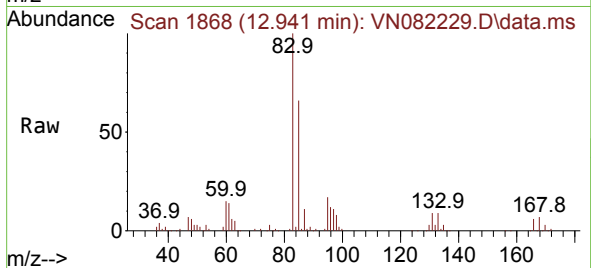
Tgt Ion: 83 Resp: 168963

Ion Ratio Lower Upper

83 100

131 9.7 5.5 16.4

85 63.9 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 74.194 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082229.D

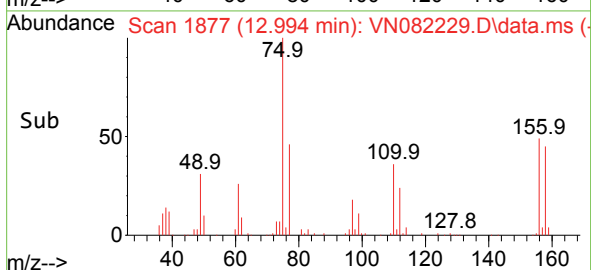
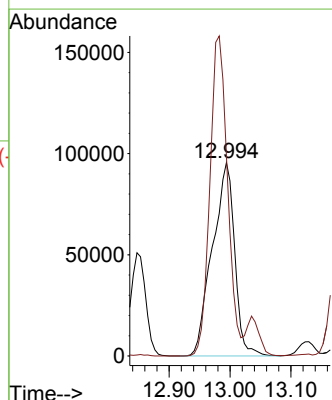
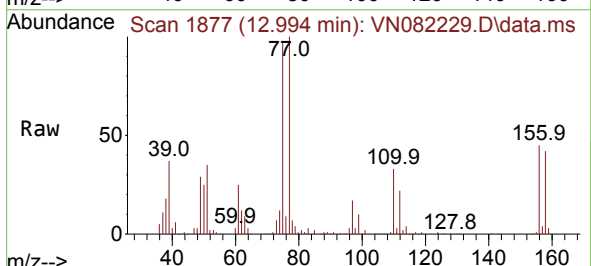
Acq: 21 May 2024 10:22

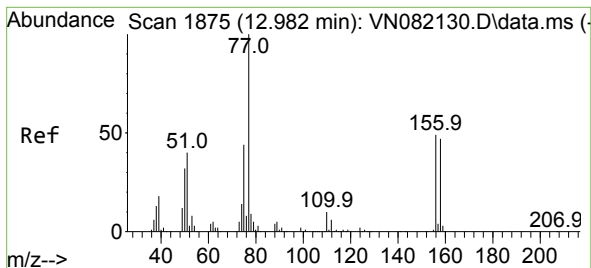
Tgt Ion: 75 Resp: 242941

Ion Ratio Lower Upper

75 100

77 131.0 90.5 271.3





#77

Bromobenzene

Concen: 47.133 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

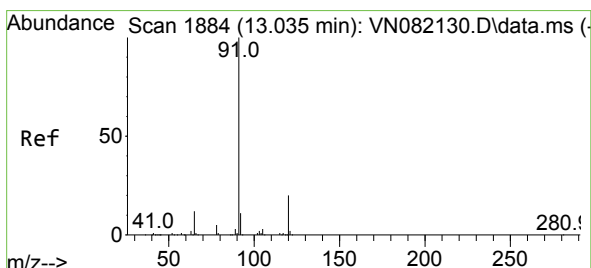
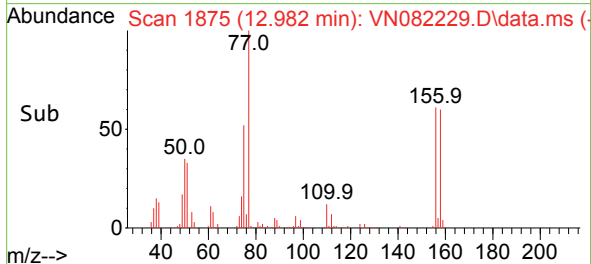
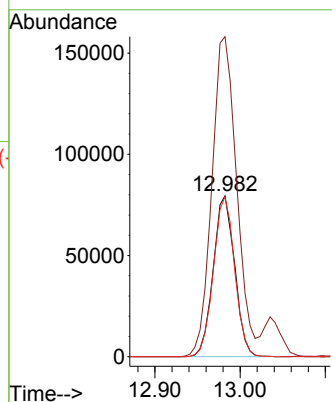
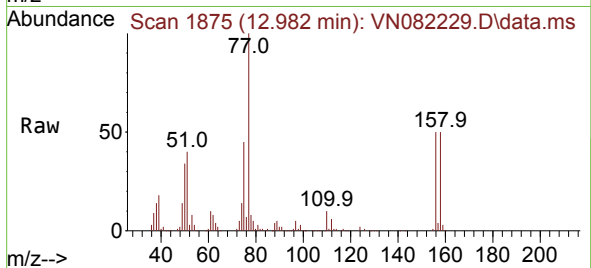
Tgt Ion:156 Resp: 138823

Ion Ratio Lower Upper

156 100

77 229.2 100.2 300.6

158 98.4 49.1 147.3



#78

n-propylbenzene

Concen: 46.238 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082229.D

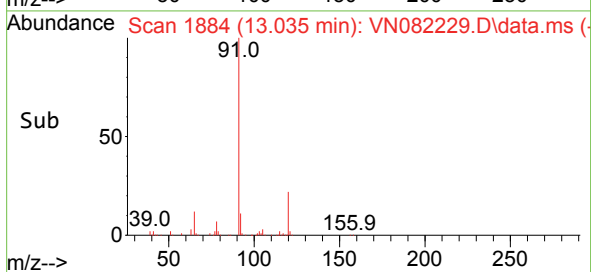
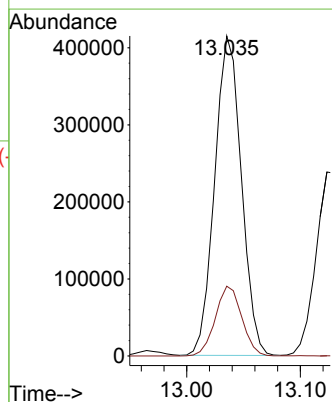
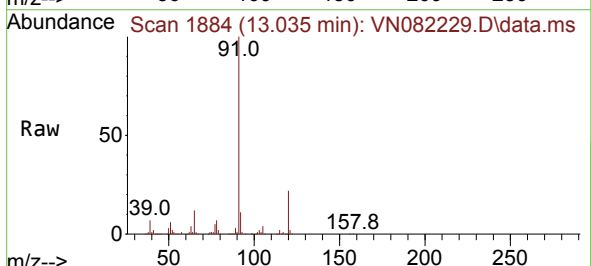
Acq: 21 May 2024 10:22

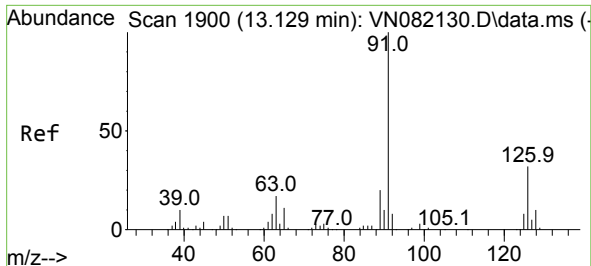
Tgt Ion: 91 Resp: 676700

Ion Ratio Lower Upper

91 100

120 21.6 11.7 35.0

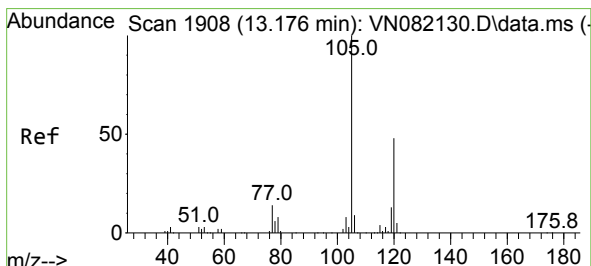
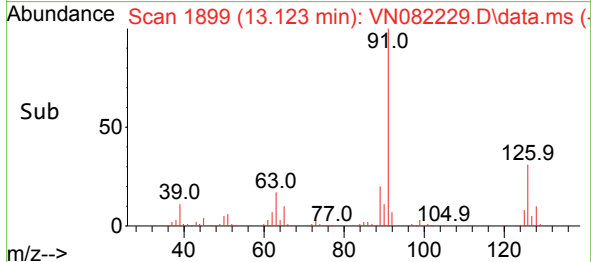
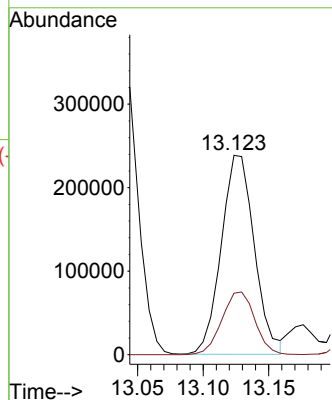
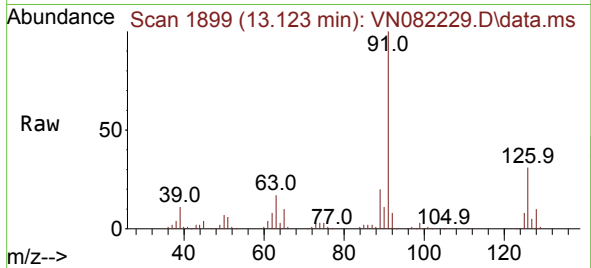




#79
2-Chlorotoluene
Concen: 45.583 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

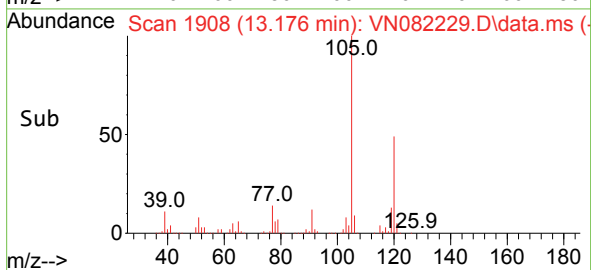
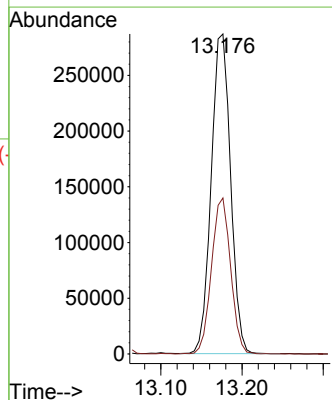
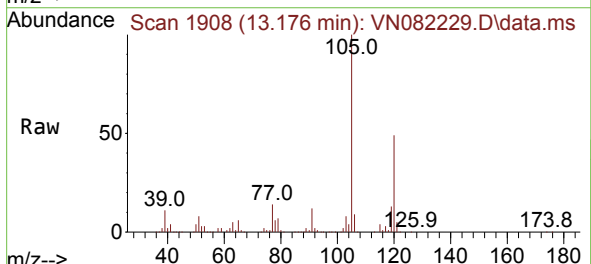
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

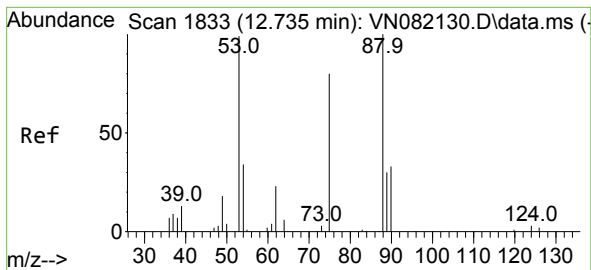
Tgt Ion: 91 Resp: 418913
Ion Ratio Lower Upper
91 100
126 31.4 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 47.557 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 105 Resp: 475267
Ion Ratio Lower Upper
105 100
120 48.2 24.8 74.3

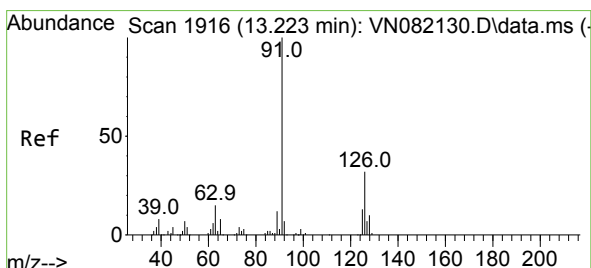
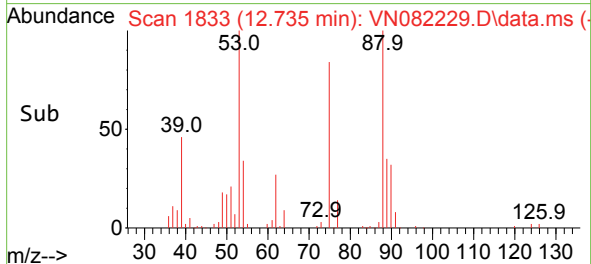
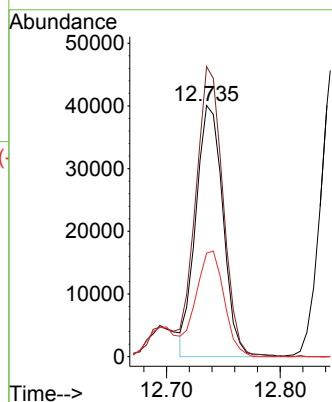
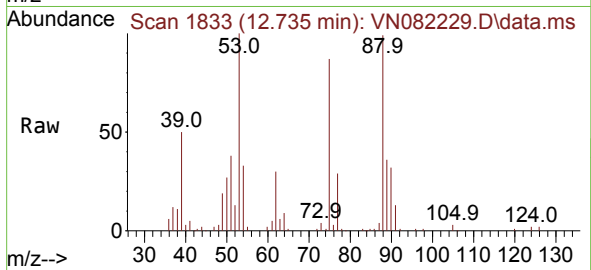




#81
trans-1,4-Dichloro-2-butene
Concen: 47.686 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

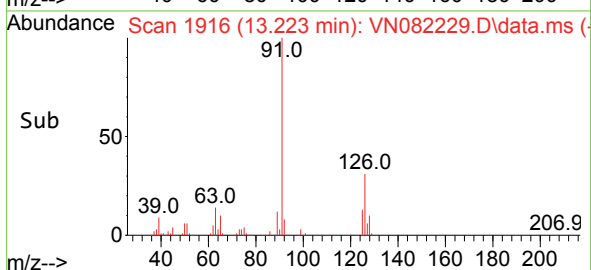
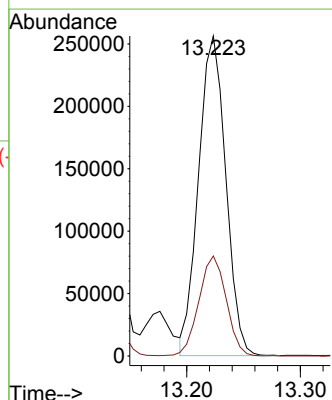
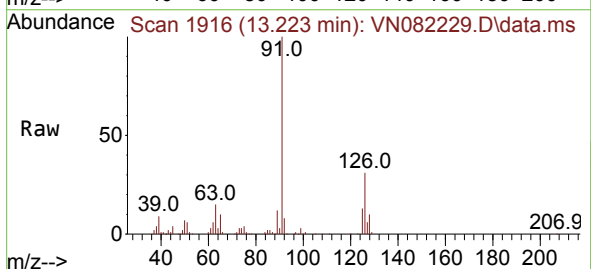
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

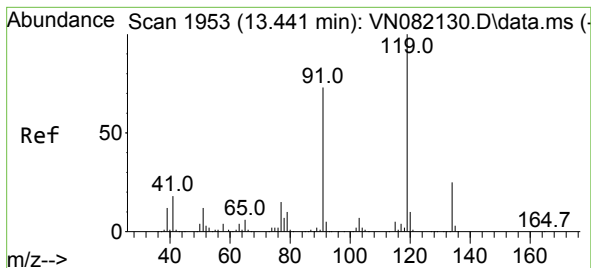
Tgt Ion: 75 Resp: 66757
Ion Ratio Lower Upper
75 100
53 117.0 72.9 109.3#
89 43.7 39.1 58.7



#82
4-Chlorotoluene
Concen: 47.484 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 91 Resp: 426659
Ion Ratio Lower Upper
91 100
126 31.5 17.4 52.3

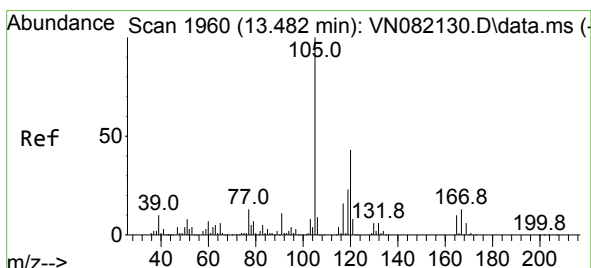
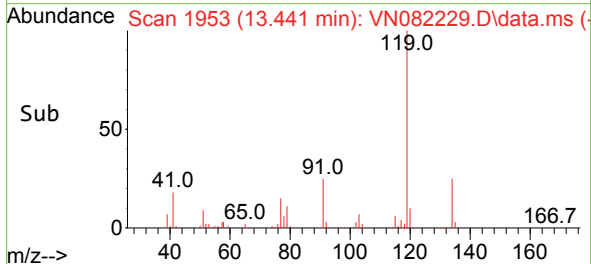
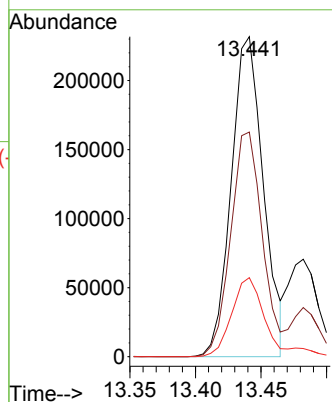
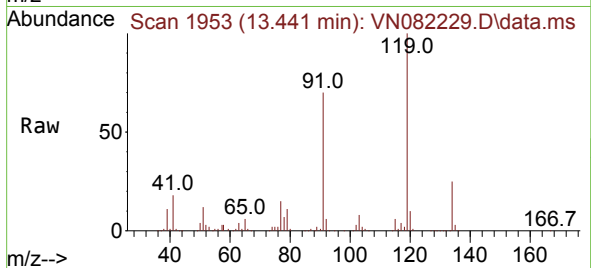




#83
tert-Butylbenzene
Concen: 45.265 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

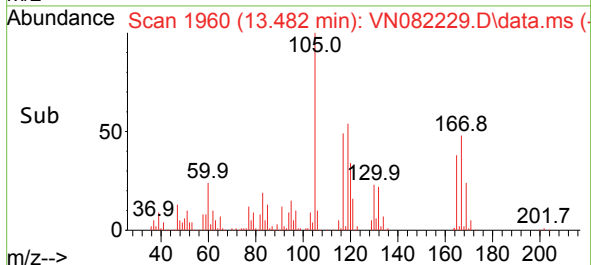
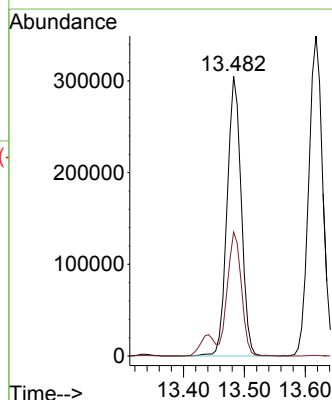
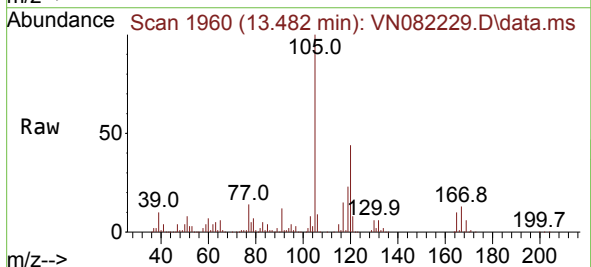
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

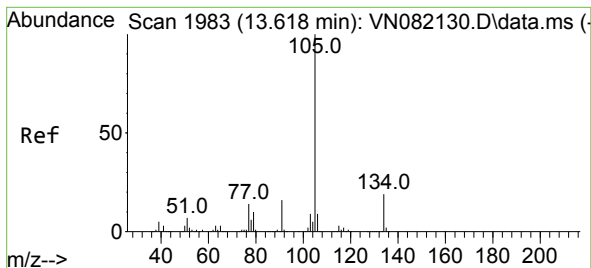
Tgt Ion:119 Resp: 395745
Ion Ratio Lower Upper
119 100
91 69.0 32.6 97.8
134 24.4 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 48.064 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion:105 Resp: 491422
Ion Ratio Lower Upper
105 100
120 44.4 22.9 68.7





#85

sec-Butylbenzene

Concen: 45.926 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

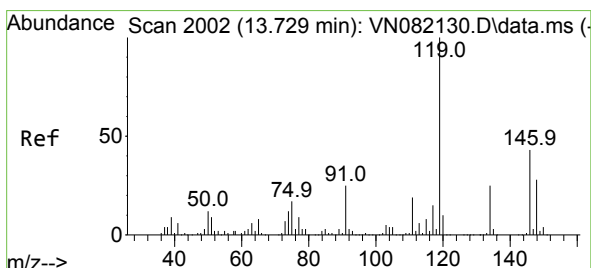
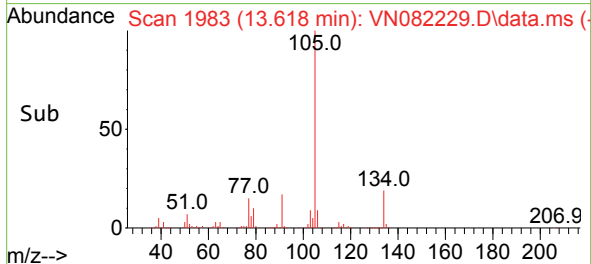
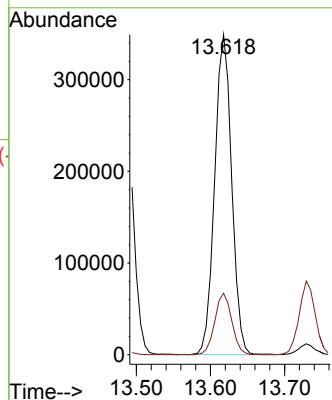
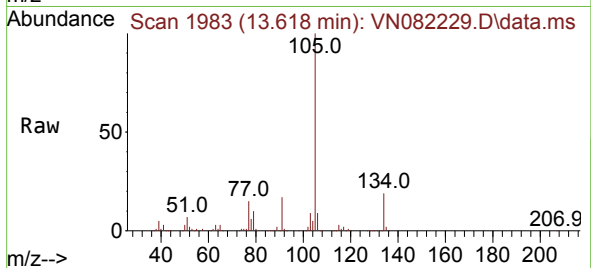
VSTDCCC050

Tgt Ion:105 Resp: 556551

Ion Ratio Lower Upper

105 100

134 19.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 48.058 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

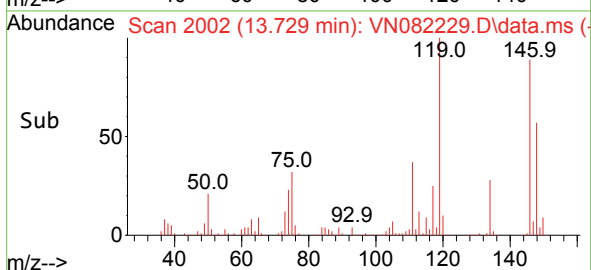
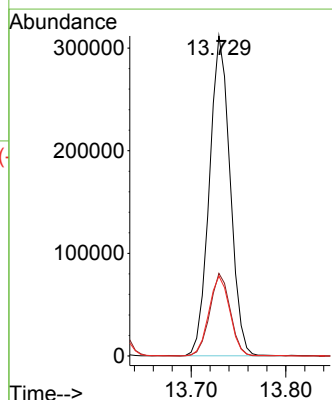
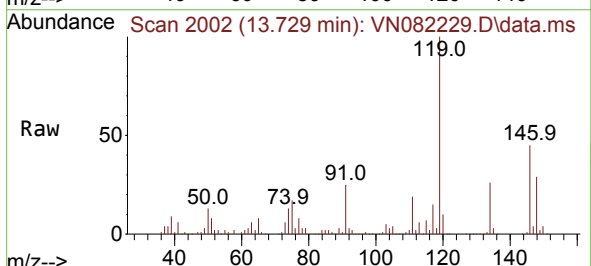
Tgt Ion:119 Resp: 473306

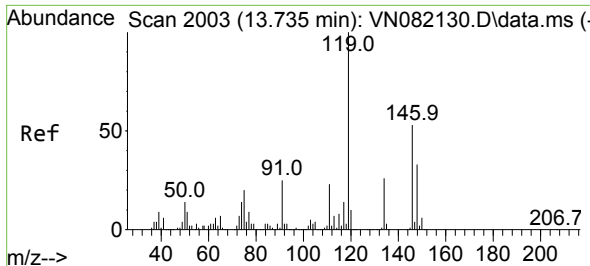
Ion Ratio Lower Upper

119 100

134 25.5 13.2 39.5

91 25.1 11.8 35.3

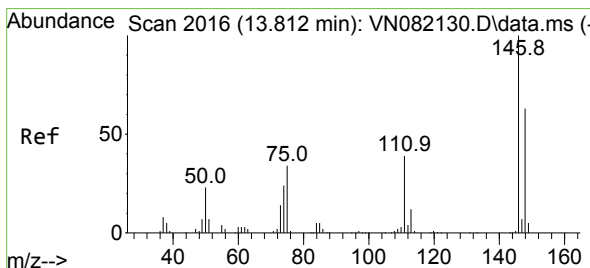
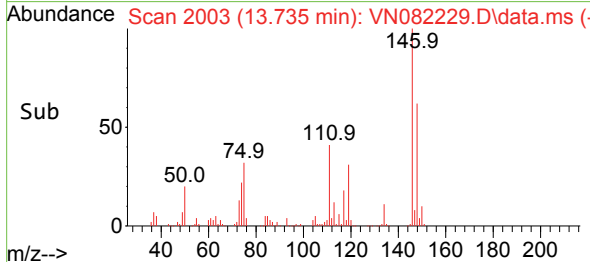
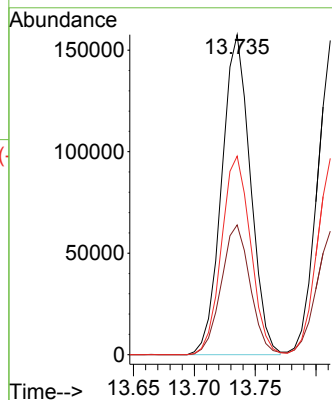
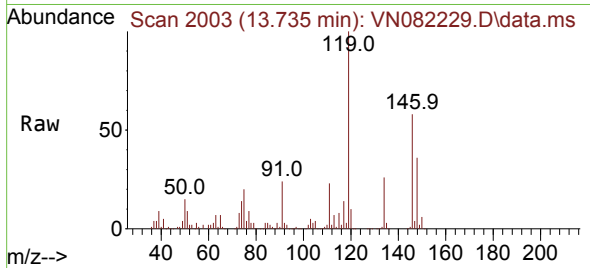




#87
1,3-Dichlorobenzene
Concen: 48.361 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

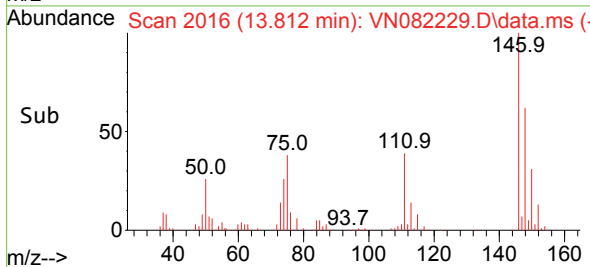
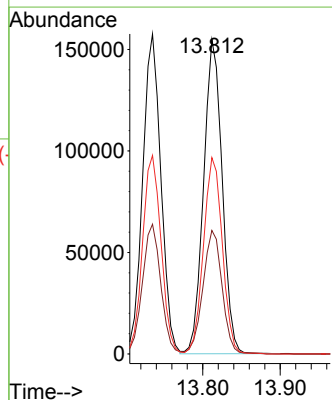
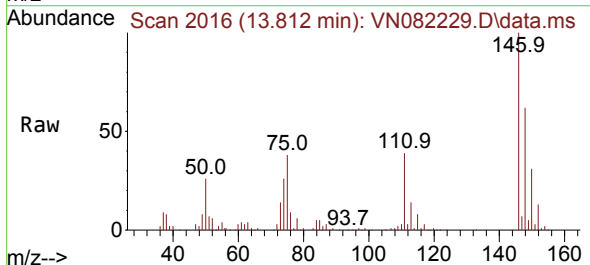
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

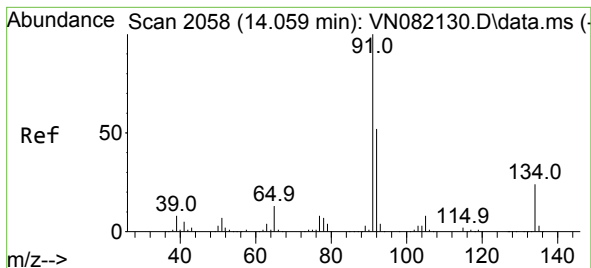
Tgt Ion:146 Resp: 258061
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.5
148 63.0 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 47.323 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion:146 Resp: 257726
Ion Ratio Lower Upper
146 100
111 40.5 19.3 57.9
148 63.4 31.3 93.9





#89

n-Butylbenzene

Concen: 47.233 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

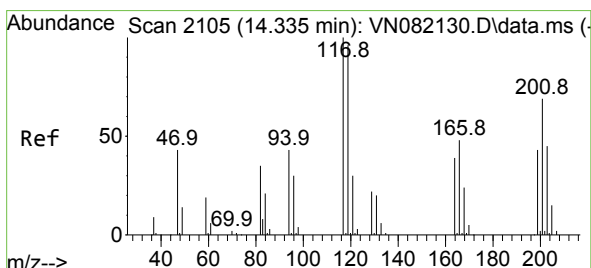
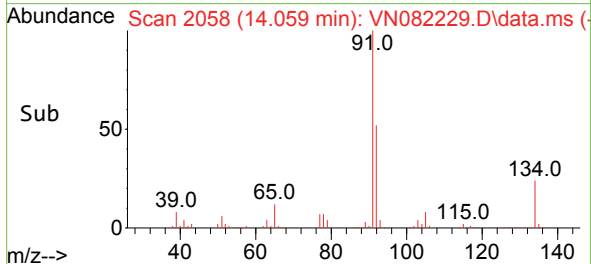
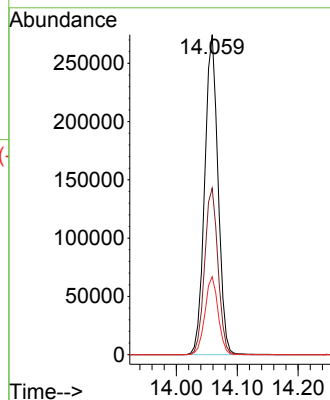
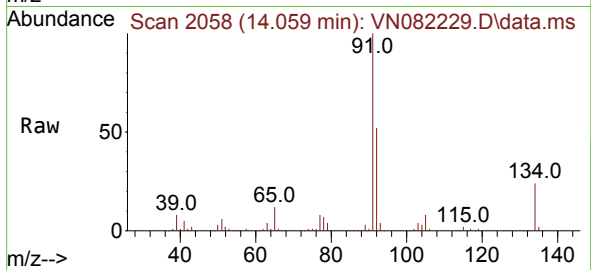
Tgt Ion: 91 Resp: 418104

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

134 24.1 13.2 39.5



#90

Hexachloroethane

Concen: 47.376 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082229.D

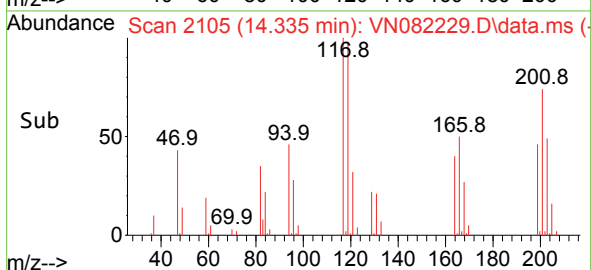
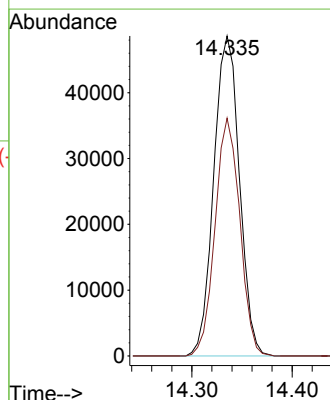
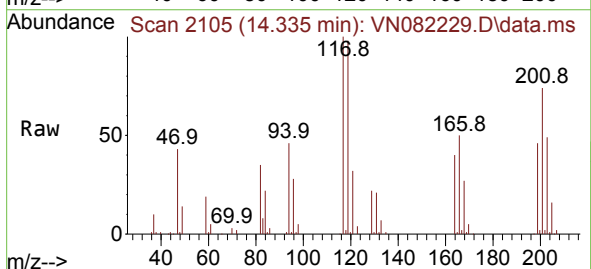
Acq: 21 May 2024 10:22

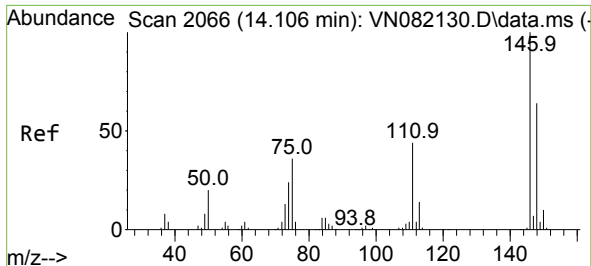
Tgt Ion: 117 Resp: 86447

Ion Ratio Lower Upper

117 100

201 71.6 33.3 99.8

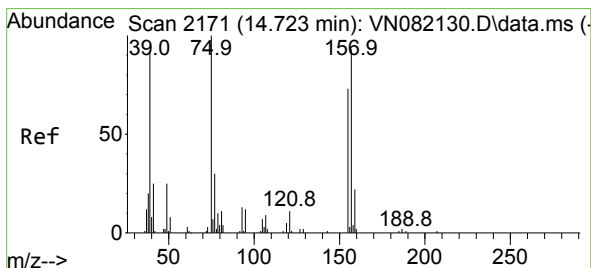
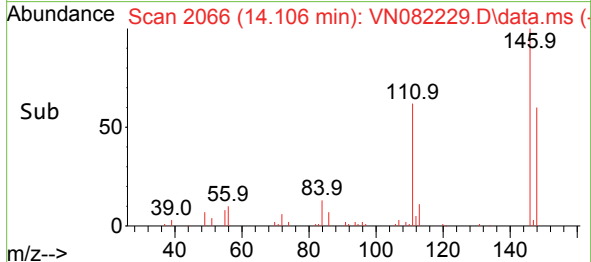
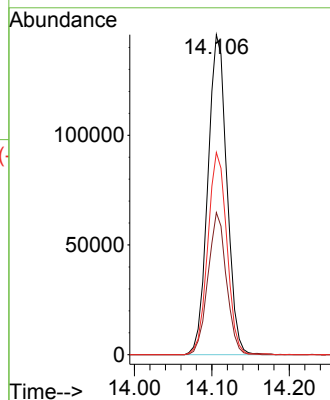
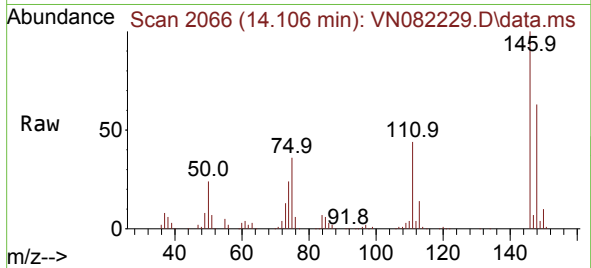




#91
1,2-Dichlorobenzene
Concen: 49.000 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

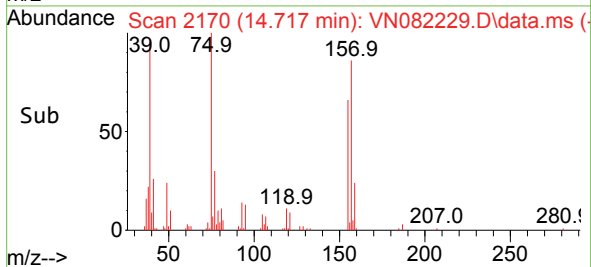
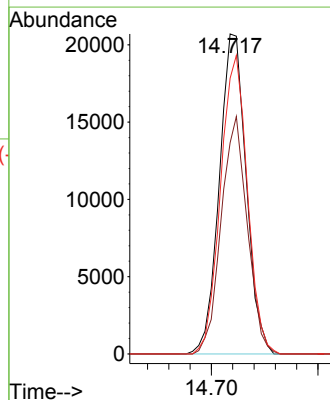
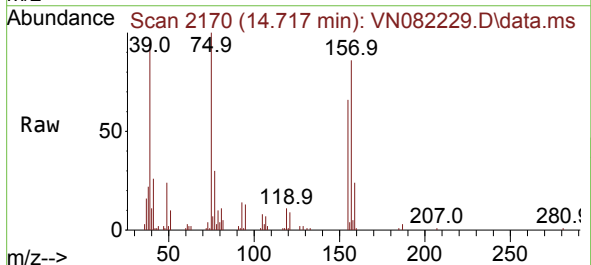
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

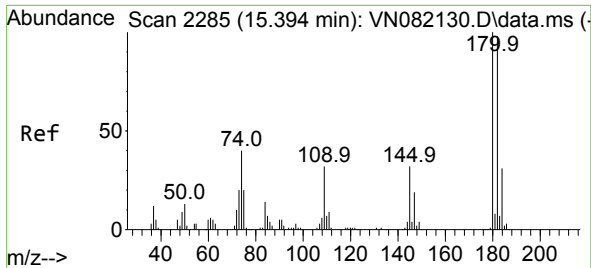
Tgt Ion:146 Resp: 247499
Ion Ratio Lower Upper
146 100
111 43.1 21.3 64.0
148 63.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.494 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion: 75 Resp: 36229
Ion Ratio Lower Upper
75 100
155 72.2 42.6 128.0
157 93.2 53.0 159.0

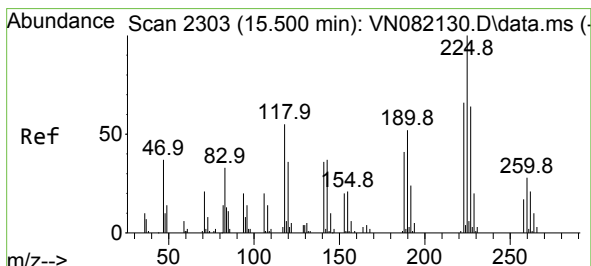
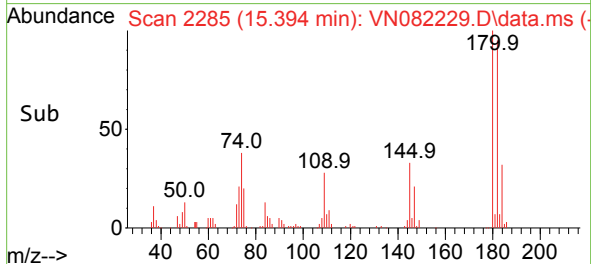
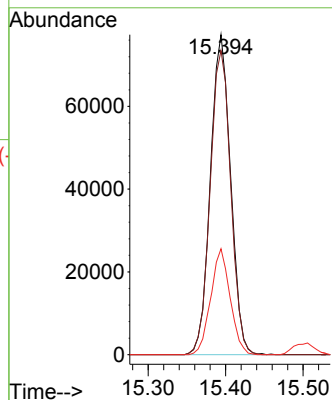
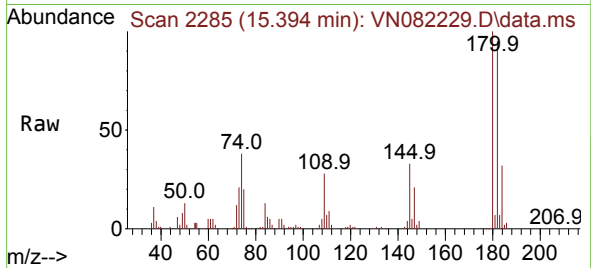




#93
1,2,4-Trichlorobenzene
Concen: 49.417 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

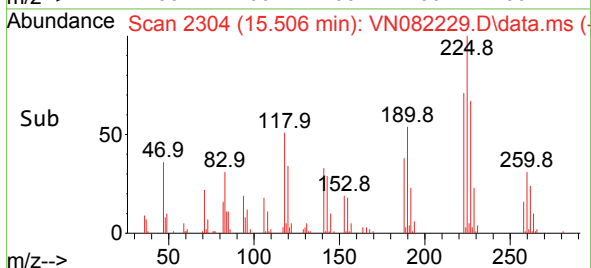
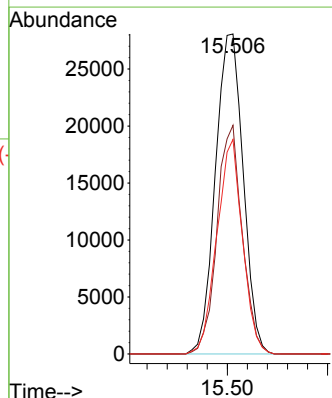
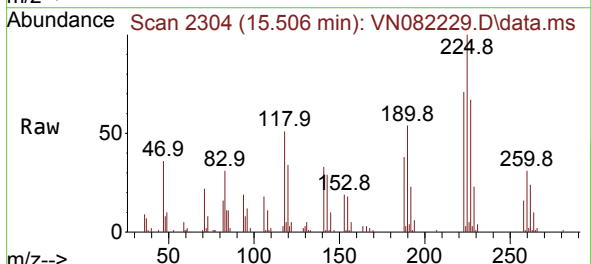
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

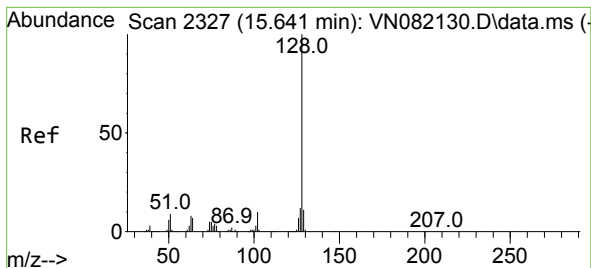
Tgt Ion:180 Resp: 139912
Ion Ratio Lower Upper
180 100
182 96.6 46.7 140.0
145 31.8 16.2 48.6



#94
Hexachlorobutadiene
Concen: 43.502 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN082229.D
Acq: 21 May 2024 10:22

Tgt Ion:225 Resp: 54044
Ion Ratio Lower Upper
225 100
223 64.9 31.1 93.2
227 61.7 30.6 91.6





#95

Naphthalene

Concen: 52.345 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

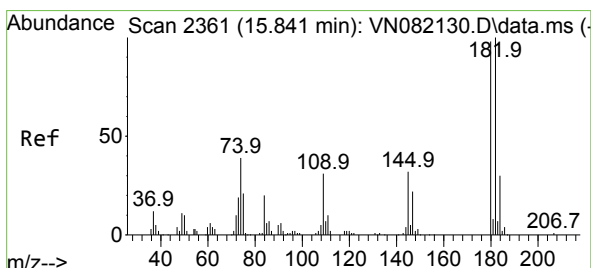
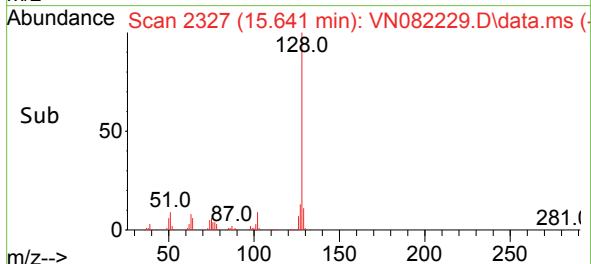
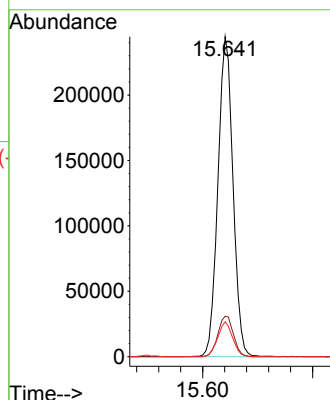
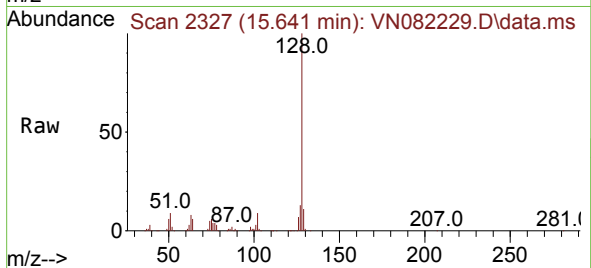
Tgt Ion:128 Resp: 464440

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.789 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082229.D

Acq: 21 May 2024 10:22

Tgt Ion:180 Resp: 141118

Ion Ratio Lower Upper

180 100

182 94.2 46.0 137.8

145 33.9 17.1 51.3

