

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082149.D
 Acq On : 16 May 2024 09:49
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: May 17 02:55:43 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	212890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	361485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	169600	50.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.900%
35) Dibromofluoromethane	8.165	113	115179	51.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.600%
50) Toluene-d8	10.571	98	444200	52.103	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.200%
62) 4-Bromofluorobenzene	12.853	95	162465	53.391	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.780%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	149514	48.712	ug/l	100
3) Chloromethane	2.360	50	162201	46.630	ug/l	99
4) Vinyl Chloride	2.512	62	156182	47.760	ug/l	99
5) Bromomethane	2.954	94	84710	45.067	ug/l	97
6) Chloroethane	3.118	64	101075	47.336	ug/l	97
7) Trichlorofluoromethane	3.495	101	208449	48.679	ug/l	98
8) Diethyl Ether	3.959	74	76529	50.167	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.365	101	118815	47.498	ug/l	98
10) Methyl Iodide	4.589	142	124667	49.575	ug/l	92
11) Tert butyl alcohol	5.512	59	128862	238.806	ug/l	100
12) 1,1-Dichloroethene	4.342	96	112145	48.234	ug/l #	75
13) Acrolein	4.177	56	98047	245.197	ug/l	98
14) Allyl chloride	5.024	41	234637	47.136	ug/l #	91
15) Acrylonitrile	5.718	53	354126	253.395	ug/l	100
16) Acetone	4.424	43	345789	250.757	ug/l	93
17) Carbon Disulfide	4.712	76	340264	45.312	ug/l	99
18) Methyl Acetate	5.024	43	167330	48.725	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	423450	49.827	ug/l	95
20) Methylene Chloride	5.271	84	129691	46.614	ug/l #	75
21) trans-1,2-Dichloroethene	5.789	96	121992	48.148	ug/l #	81
22) Diisopropyl ether	6.671	45	514479	49.496	ug/l #	92
23) Vinyl Acetate	6.600	43	2149579	262.296	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	258318	48.215	ug/l	97
25) 2-Butanone	7.483	43	537669	257.165	ug/l #	82
26) 2,2-Dichloropropane	7.489	77	219792	48.979	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	144764	48.414	ug/l	79
28) Bromochloromethane	7.812	49	114205	49.001	ug/l #	73
29) Tetrahydrofuran	7.841	42	348909	259.918	ug/l #	81
30) Chloroform	7.965	83	250718	49.005	ug/l	99
31) Cyclohexane	8.259	56	236851	44.115	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	222400	48.998	ug/l #	94
36) 1,1-Dichloropropene	8.371	75	182821	49.020	ug/l	96
37) Ethyl Acetate	7.559	43	209432	50.178	ug/l #	95
38) Carbon Tetrachloride	8.365	117	189713	50.181	ug/l	98
39) Methylcyclohexane	9.600	83	206217	50.445	ug/l #	82
40) Benzene	8.606	78	555904	49.985	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	123562	50.338	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	212893	49.773	ug/l	94
43) Isopropyl Acetate	8.688	43	379792	51.354	ug/l #	89
44) Trichloroethene	9.353	130	122514	48.496	ug/l	93
45) 1,2-Dichloropropane	9.624	63	141953	49.471	ug/l	98
46) Dibromomethane	9.712	93	93206	49.476	ug/l	98
47) Bromodichloromethane	9.888	83	200414	50.393	ug/l	96
48) Methyl methacrylate	9.683	41	181889	51.615	ug/l #	83
49) 1,4-Dioxane	9.700	88	47322	958.306	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	1127033	268.218	ug/l	89
52) Toluene	10.630	92	341985	51.241	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	216252	52.576	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	225696	51.839	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	122897	50.672	ug/l	98
56) Ethyl methacrylate	10.877	69	221614	53.819	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	225829	49.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	562748	264.953	ug/l	89
59) 2-Hexanone	11.194	43	853133	277.290	ug/l	88
60) Dibromochloromethane	11.359	129	144005	53.802	ug/l	98
61) 1,2-Dibromoethane	11.471	107	124334	49.910	ug/l	100
64) Tetrachloroethene	11.106	164	120065	48.757	ug/l	95
65) Chlorobenzene	11.894	112	353859	48.213	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	125785	52.029	ug/l	98
67) Ethyl Benzene	11.965	91	671077	51.112	ug/l	97
68) m/p-Xylenes	12.071	106	493649	102.586	ug/l	91
69) o-Xylene	12.400	106	240616	51.620	ug/l	91
70) Styrene	12.412	104	414335	53.515	ug/l	96
71) Bromoform	12.576	173	96331	50.097	ug/l #	97
73) Isopropylbenzene	12.694	105	619631	48.615	ug/l	99
74) N-amyl acetate	12.494	43	345276	49.249	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	174905	47.605	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	254330	75.317	ug/l	64
77) Bromobenzene	12.982	156	144532	47.583	ug/l	87
78) n-propylbenzene	13.035	91	758802	50.275	ug/l	97
79) 2-Chlorotoluene	13.129	91	454896	47.998	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	525601	50.999	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	70658	48.942	ug/l #	78
82) 4-Chlorotoluene	13.224	91	458182	49.446	ug/l	94
83) tert-Butylbenzene	13.441	119	442271	49.053	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	530270	50.291	ug/l	96
85) sec-Butylbenzene	13.618	105	630502	50.451	ug/l	98
86) p-Isopropyltoluene	13.729	119	534787	52.654	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	269901	49.046	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	268542	47.813	ug/l	98
89) n-Butylbenzene	14.059	91	476153	52.159	ug/l	98
90) Hexachloroethane	14.335	117	96080	51.058	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	256875	49.314	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	38645	51.194	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	146180	50.065	ug/l	99
94) Hexachlorobutadiene	15.506	225	60029	46.854	ug/l	98
95) Naphthalene	15.641	128	472085	51.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	143918	49.237	ug/l	97

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MSVOA_N
ClientSampleId :
VSTDCCC050

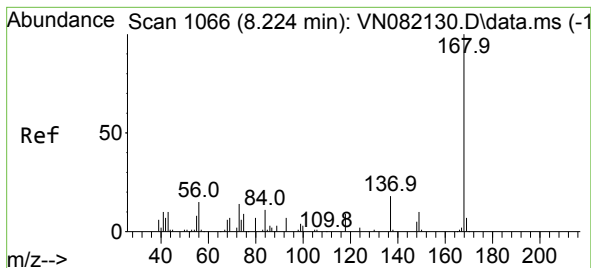
Quant Time: May 17 02:55:43 2024
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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

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# 1066

Delta R.T. -0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

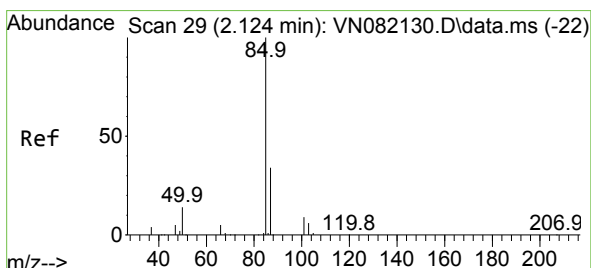
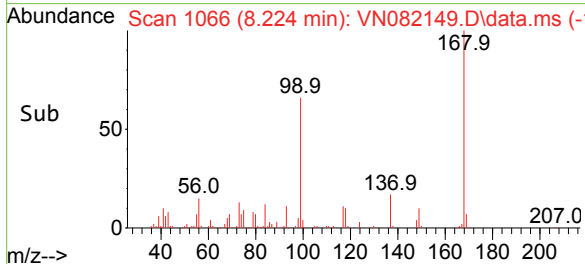
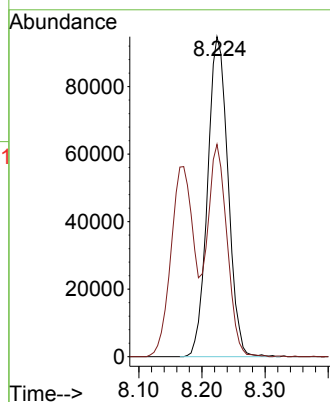
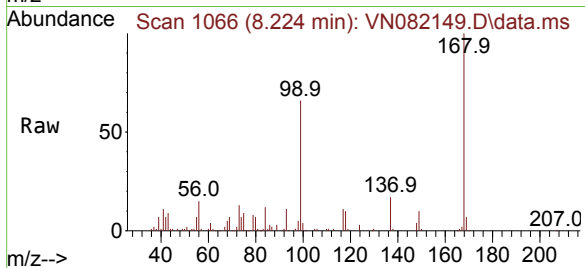
VSTDCCC050

Tgt Ion:168 Resp: 212890

Ion Ratio Lower Upper

168 100

99 66.1 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 48.712 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082149.D

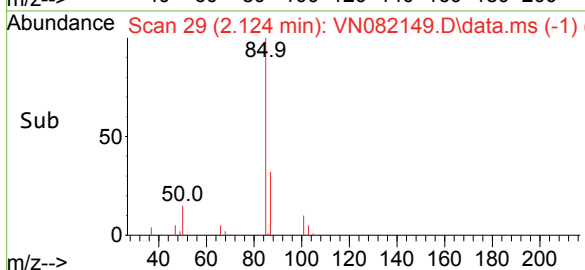
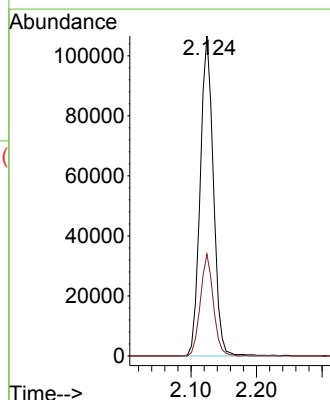
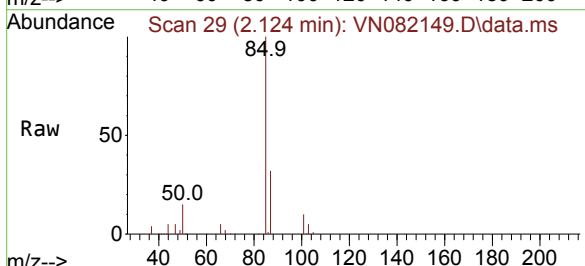
Acq: 16 May 2024 09:49

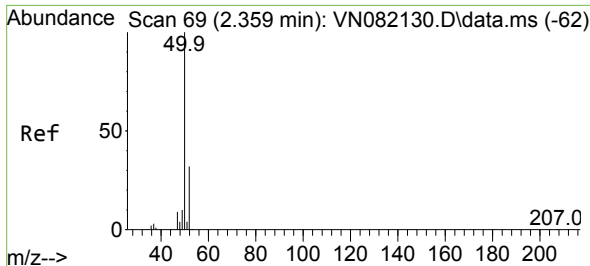
Tgt Ion: 85 Resp: 149514

Ion Ratio Lower Upper

85 100

87 31.8 15.8 47.4

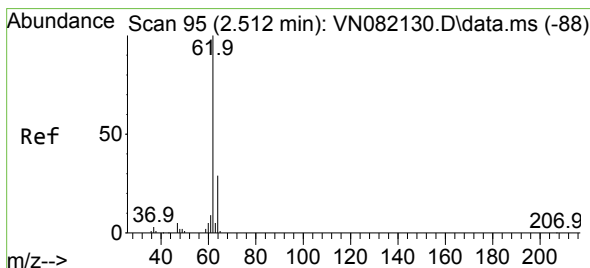
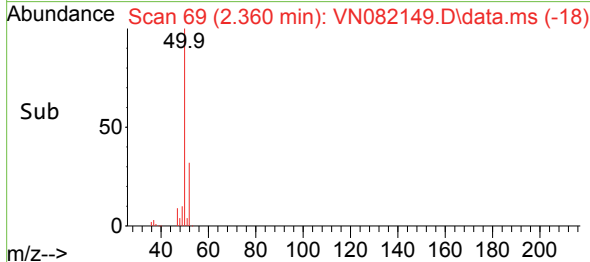
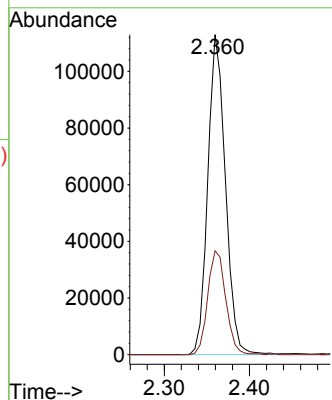
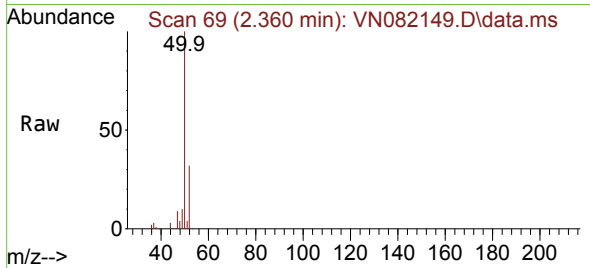




#3
Chloromethane
Concen: 46.630 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082149.D
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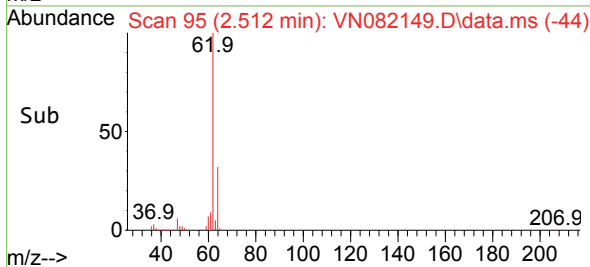
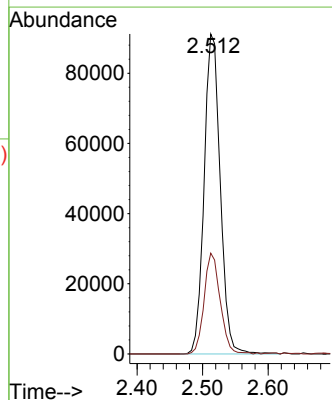
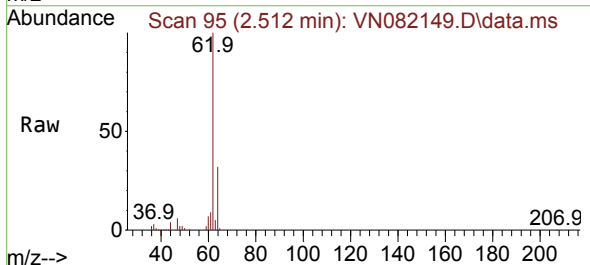
Instrument :
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ClientSampleId :
VSTDCCC050

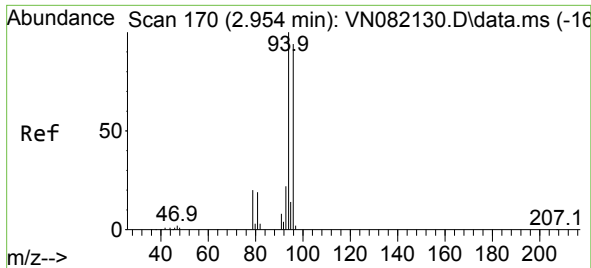
Tgt Ion: 50 Resp: 162201
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 47.760 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 62 Resp: 156182
Ion Ratio Lower Upper
62 100
64 31.5 24.6 37.0

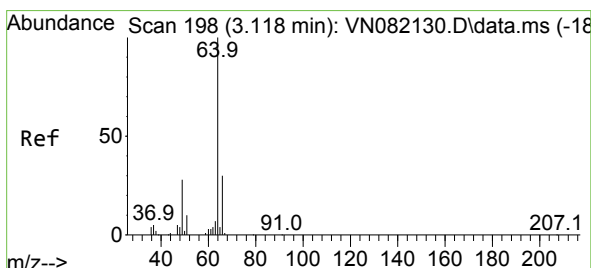
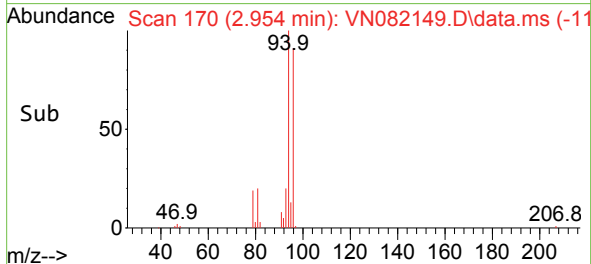
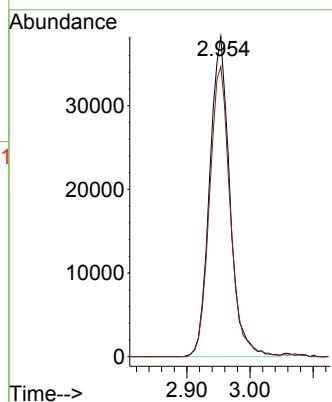
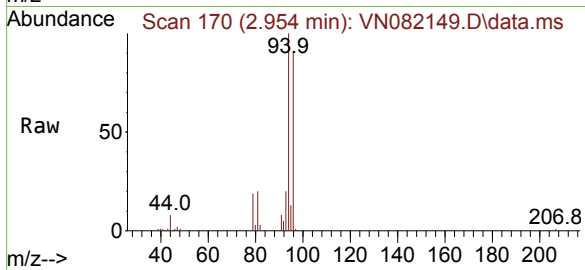




#5
Bromomethane
Concen: 45.067 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

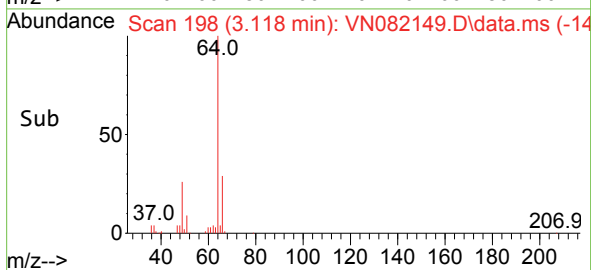
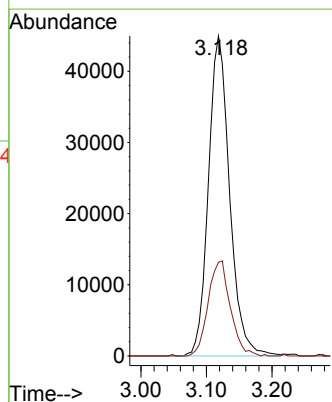
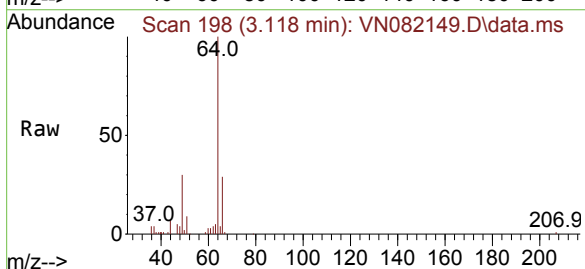
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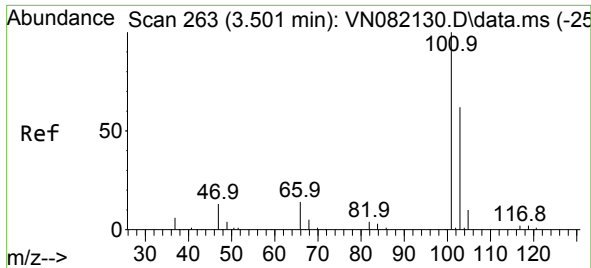
Tgt Ion: 94 Resp: 84710
Ion Ratio Lower Upper
94 100
96 90.7 74.8 112.2



#6
Chloroethane
Concen: 47.336 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 64 Resp: 101075
Ion Ratio Lower Upper
64 100
66 29.2 24.7 37.1

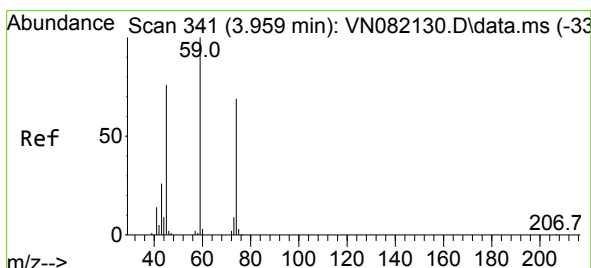
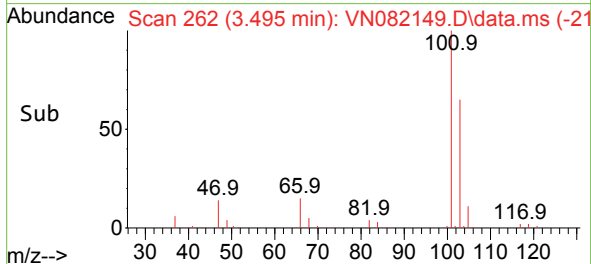
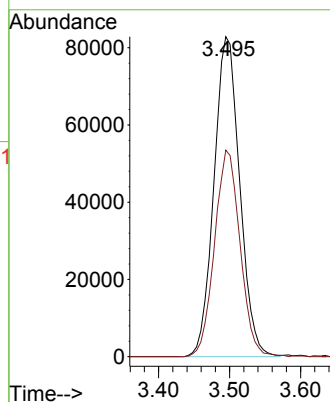
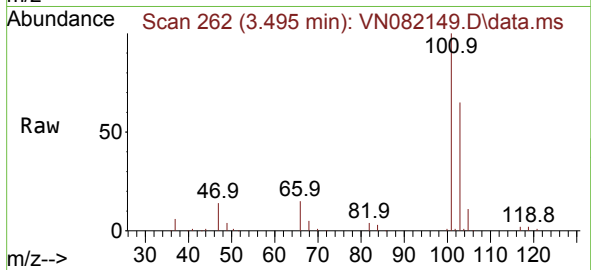




#7
Trichlorofluoromethane
Concen: 48.679 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

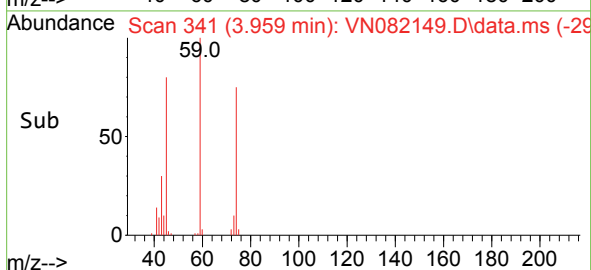
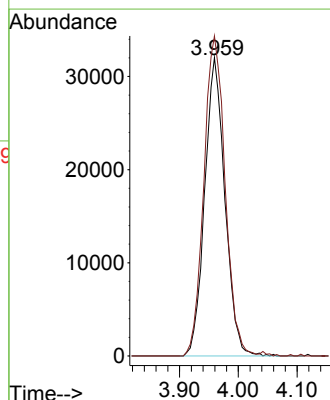
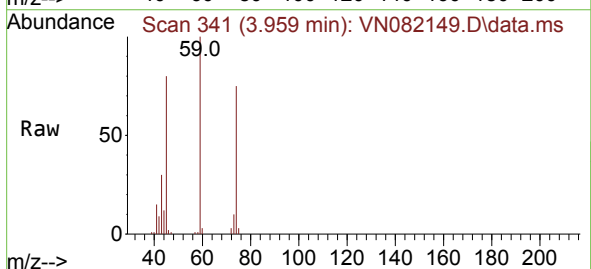
Instrument :
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VSTDCCC050

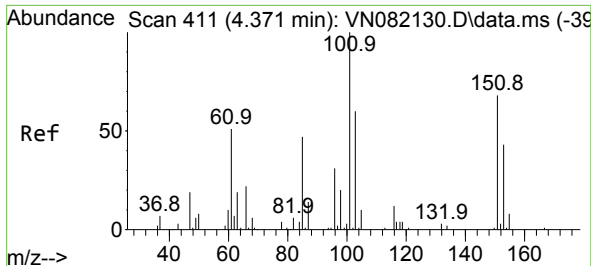
Tgt Ion:101 Resp: 208449
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8



#8
Diethyl Ether
Concen: 50.167 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 74 Resp: 76529
Ion Ratio Lower Upper
74 100
45 112.6 42.4 127.3

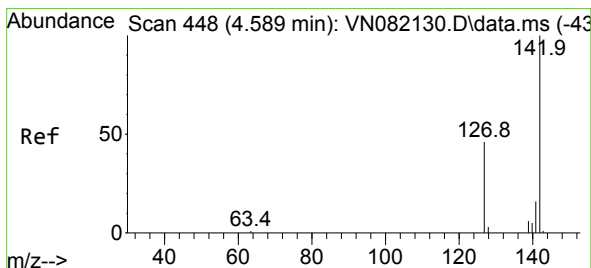
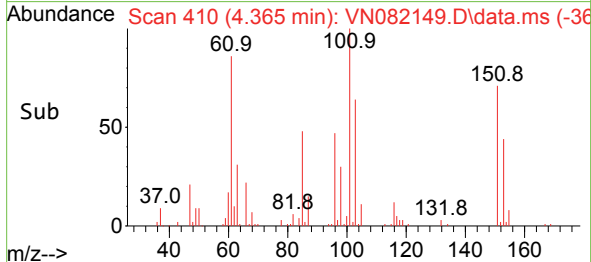
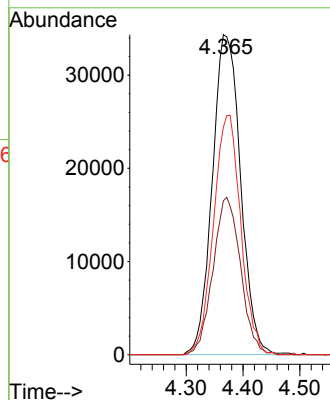
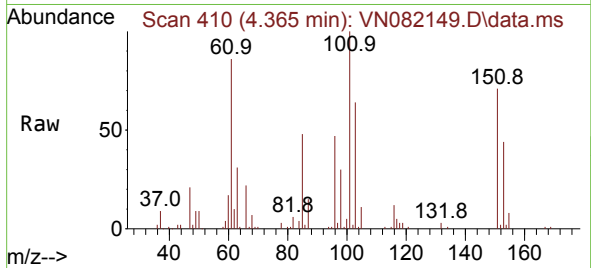




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.498 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082149.D
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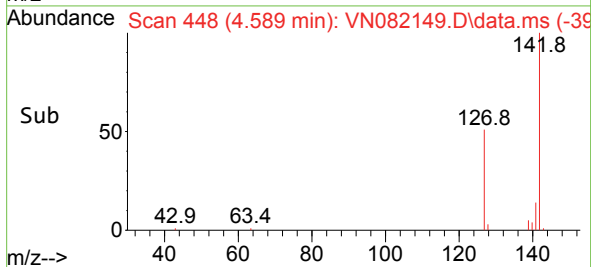
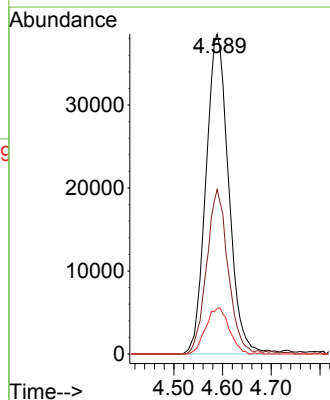
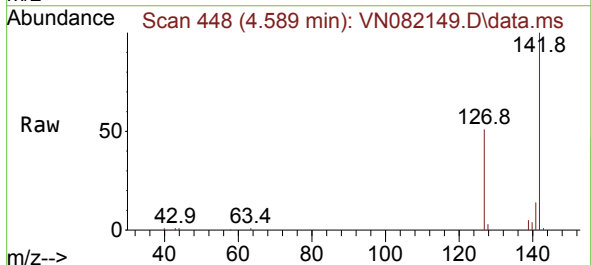
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

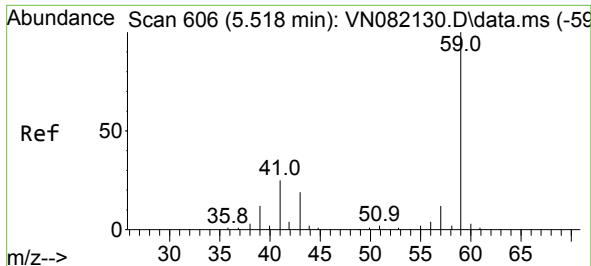
Tgt Ion:101 Resp: 118815
Ion Ratio Lower Upper
101 100
85 48.0 37.3 55.9
151 72.1 59.2 88.8



#10
Methyl Iodide
Concen: 49.575 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion:142 Resp: 124667
Ion Ratio Lower Upper
142 100
127 51.4 35.8 53.6
141 14.3 11.4 17.2

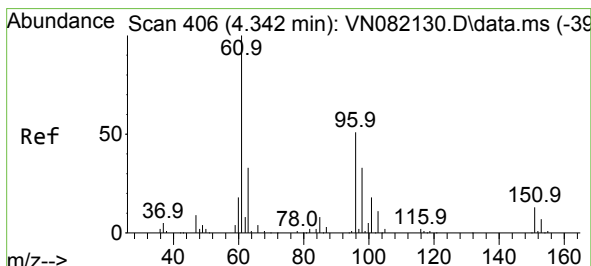
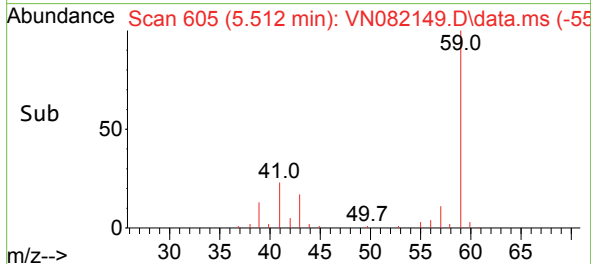
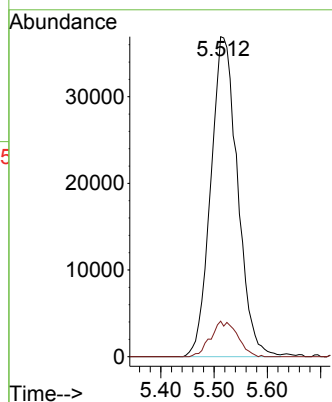
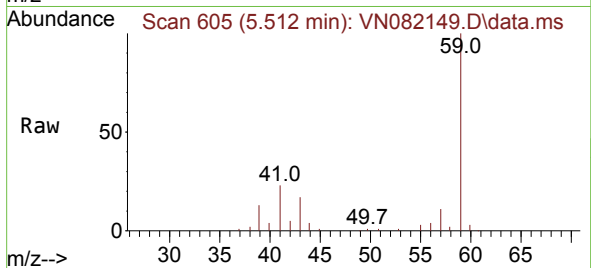




#11
Tert butyl alcohol
Concen: 238.806 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

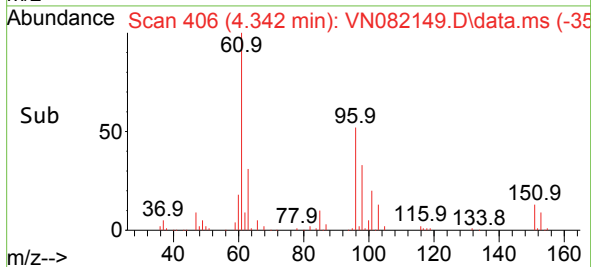
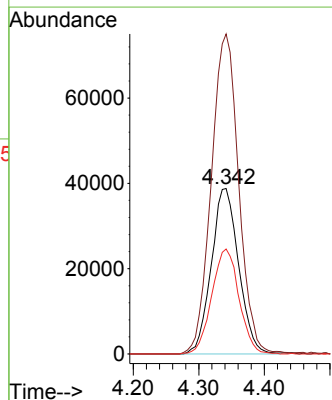
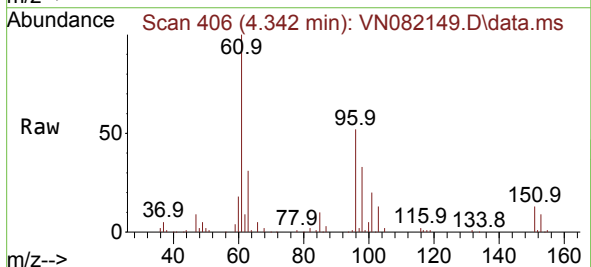
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

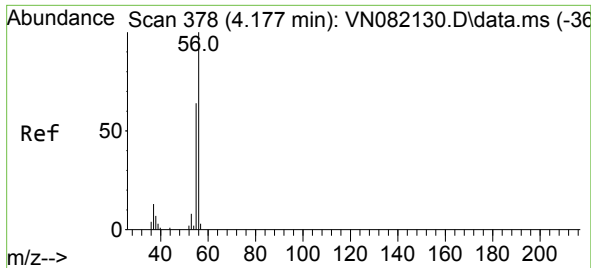
Tgt Ion: 59 Resp: 128862
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3



#12
1,1-Dichloroethene
Concen: 48.234 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 96 Resp: 112145
Ion Ratio Lower Upper
96 100
61 193.5 119.7 179.5#
98 63.5 49.6 74.4

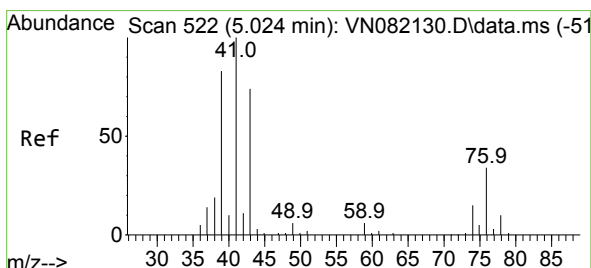
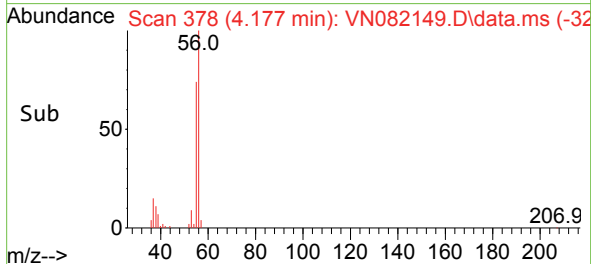
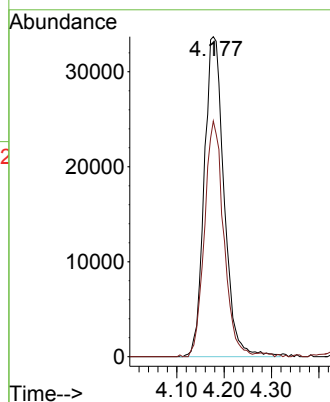
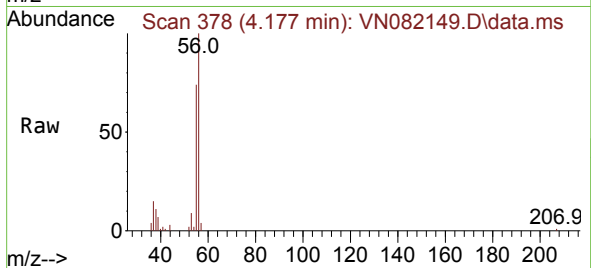




#13
Acrolein
Concen: 245.197 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

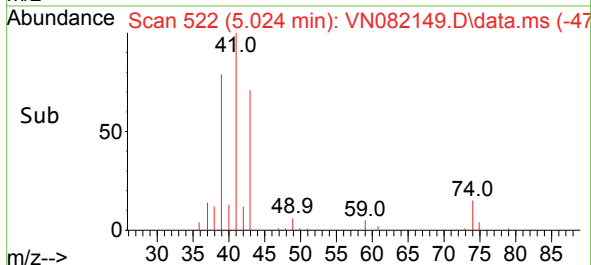
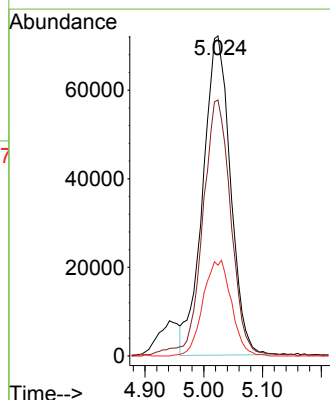
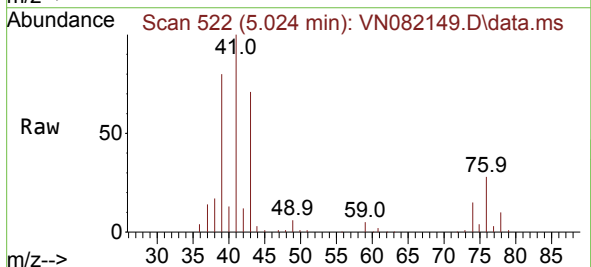
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

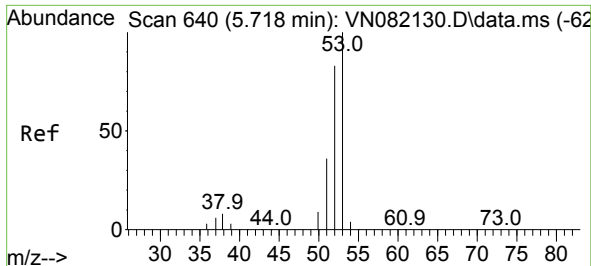
Tgt Ion: 56 Resp: 98047
Ion Ratio Lower Upper
56 100
55 71.2 55.8 83.8



#14
Allyl chloride
Concen: 47.136 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 41 Resp: 234637
Ion Ratio Lower Upper
41 100
39 82.6 65.4 98.0
76 30.8 37.3 55.9#

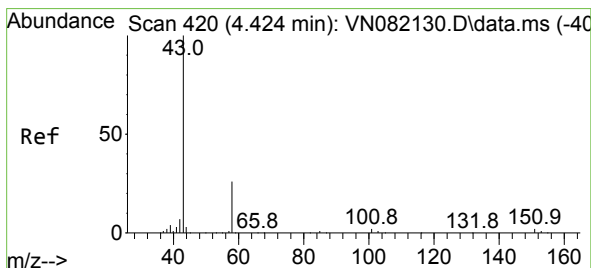
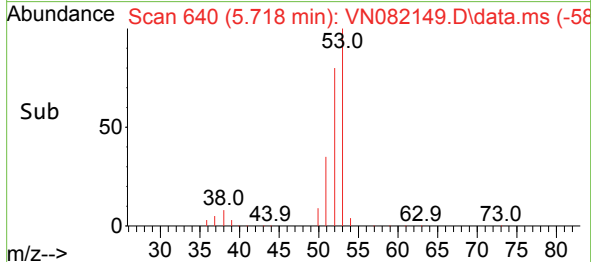
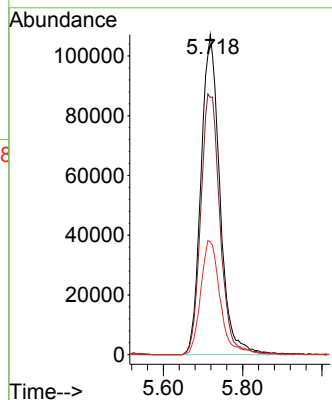
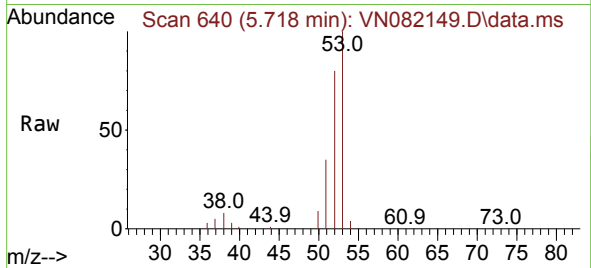




#15
Acrylonitrile
Concen: 253.395 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

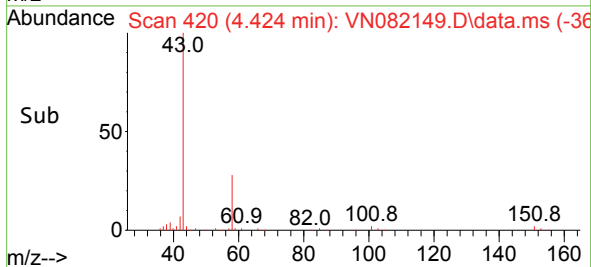
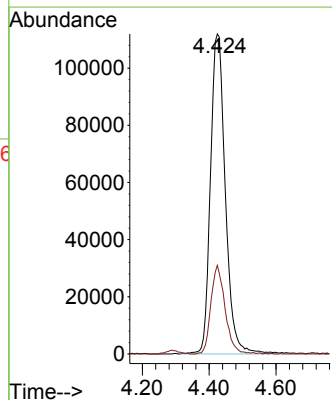
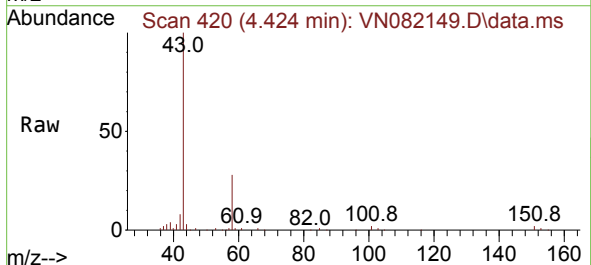
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

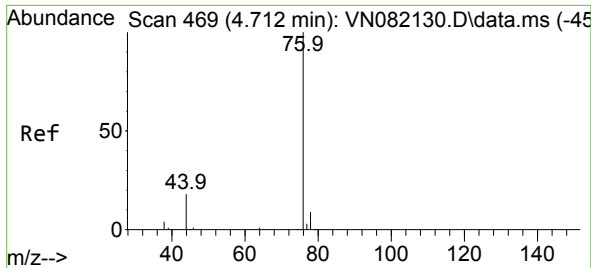
Tgt Ion: 53 Resp: 354126
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 37.1 29.4 44.2



#16
Acetone
Concen: 250.757 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 43 Resp: 345789
Ion Ratio Lower Upper
43 100
58 27.6 25.2 37.8

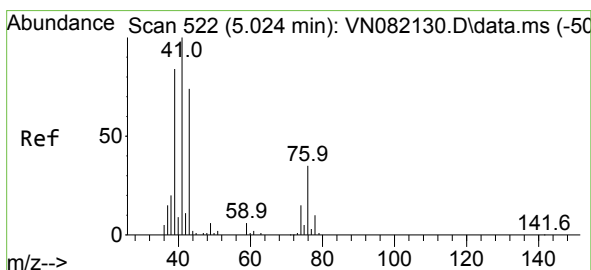
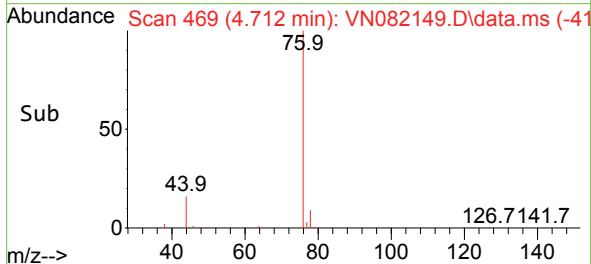
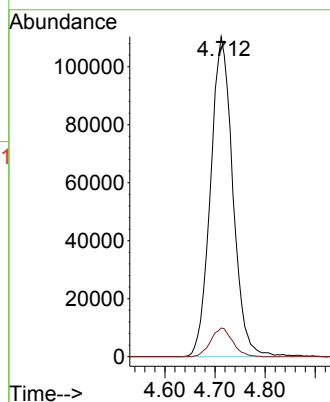
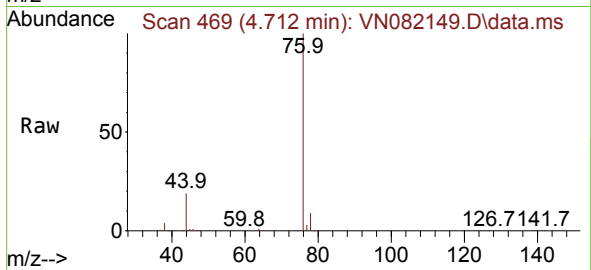




#17
Carbon Disulfide
Concen: 45.312 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

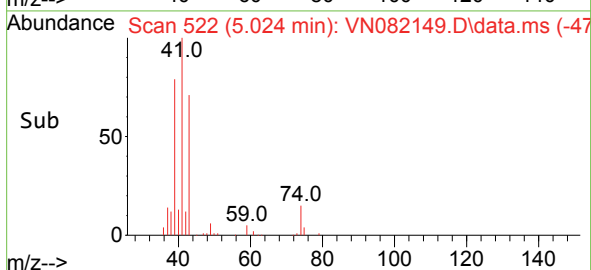
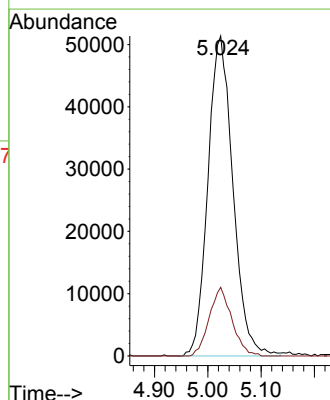
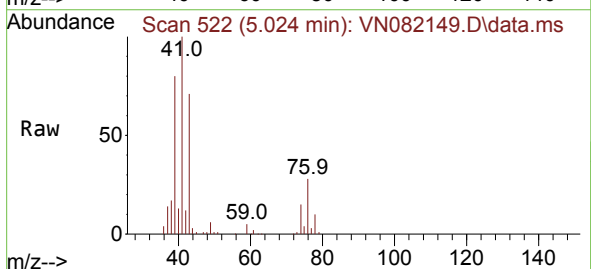
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

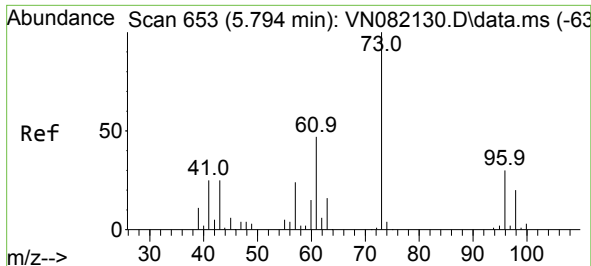
Tgt Ion: 76 Resp: 340264
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 48.725 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 43 Resp: 167330
Ion Ratio Lower Upper
43 100
74 19.5 22.2 33.2#

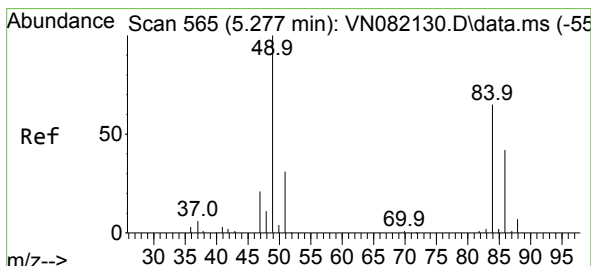
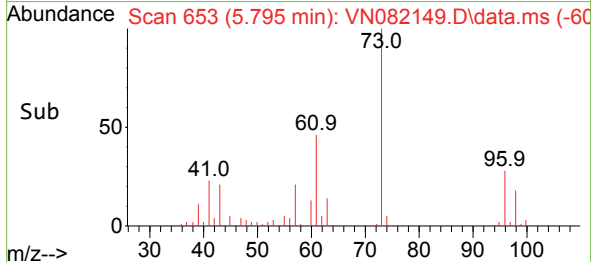
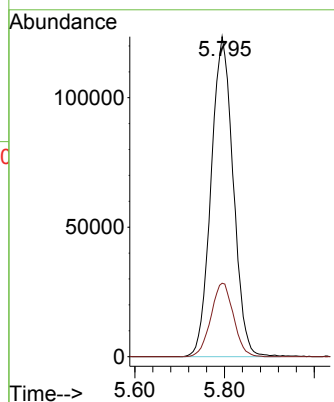
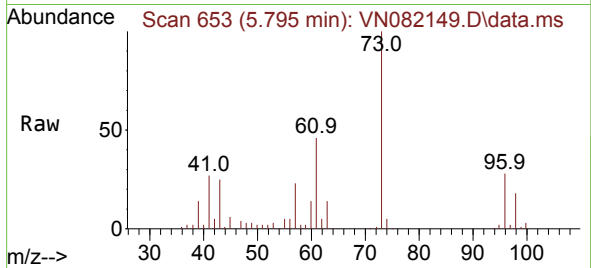




#19
Methyl tert-butyl Ether
Concen: 49.827 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

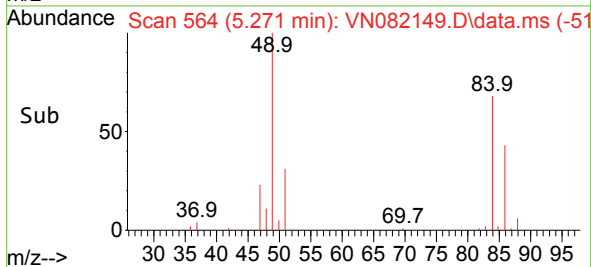
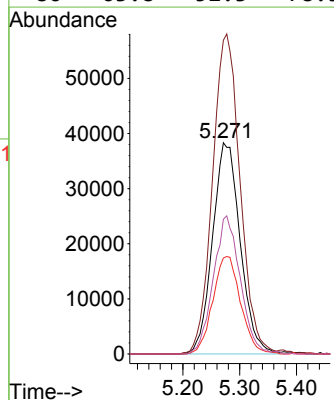
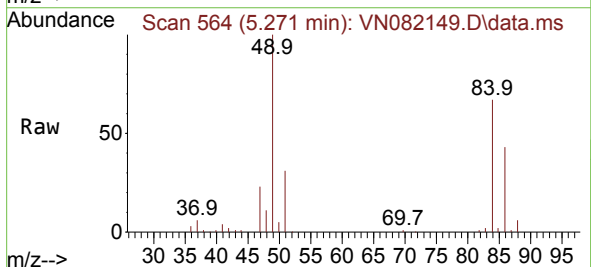
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

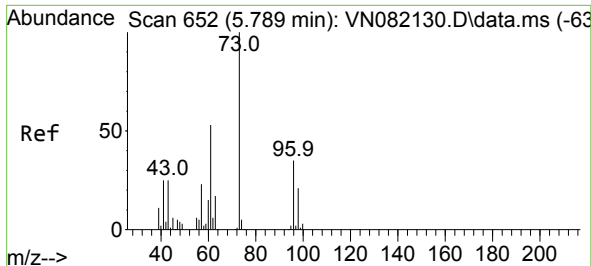
Tgt Ion: 73 Resp: 423450
Ion Ratio Lower Upper
73 100
57 23.0 16.5 24.7



#20
Methylene Chloride
Concen: 46.614 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 84 Resp: 129691
Ion Ratio Lower Upper
84 100
49 148.6 84.9 127.3#
51 45.5 27.0 40.6#
86 63.8 52.3 78.5

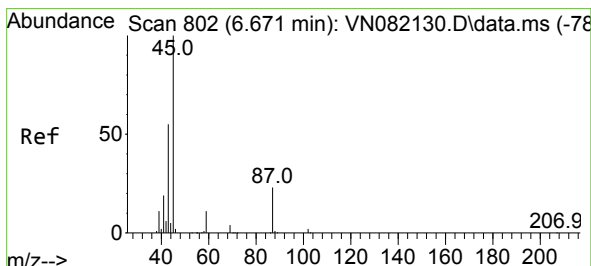
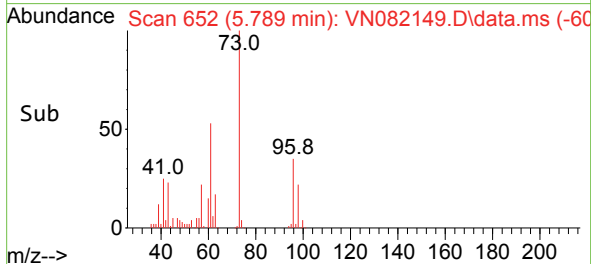
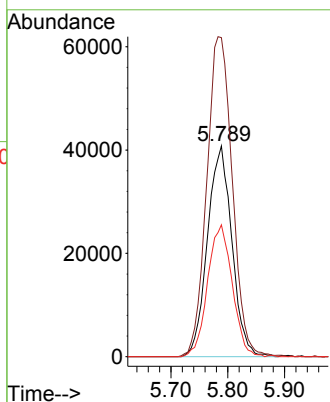
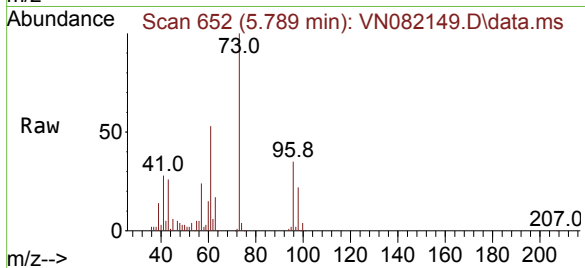




#21
trans-1,2-Dichloroethene
Concen: 48.148 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

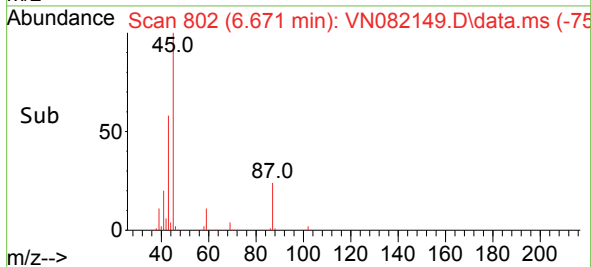
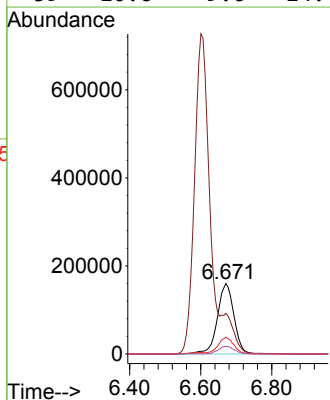
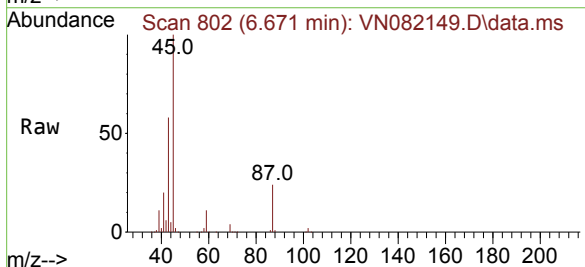
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

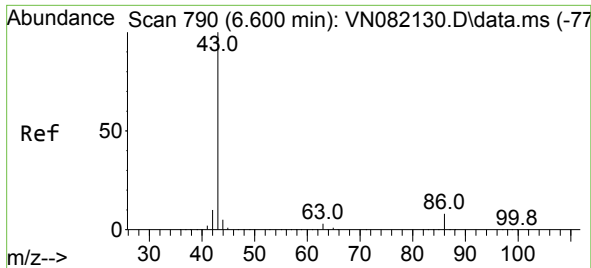
Tgt Ion: 96 Resp: 121992
Ion Ratio Lower Upper
96 100
61 151.4 96.5 144.7#
98 62.6 51.3 76.9



#22
Diisopropyl ether
Concen: 49.496 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 45 Resp: 514479
Ion Ratio Lower Upper
45 100
43 57.0 44.1 66.1
87 23.6 27.0 40.6#
59 10.6 9.6 14.4

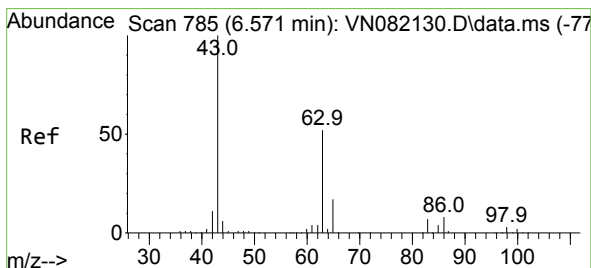
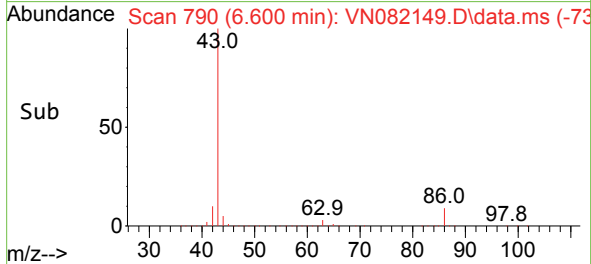
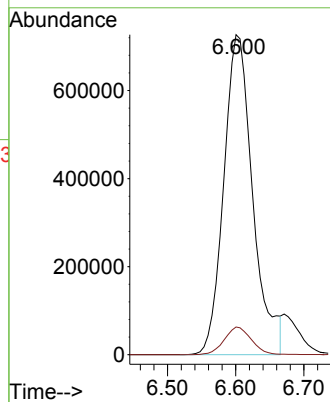
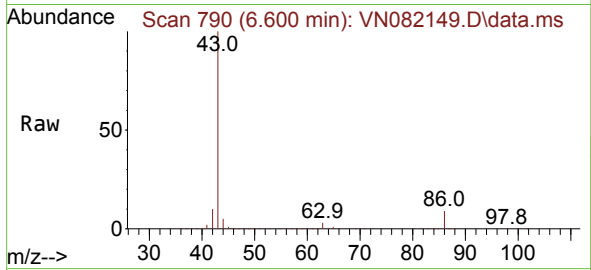




#23
 Vinyl Acetate
 Concen: 262.296 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN082149.D
 Acq: 16 May 2024 09:49

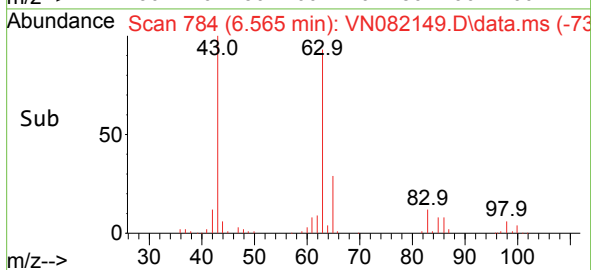
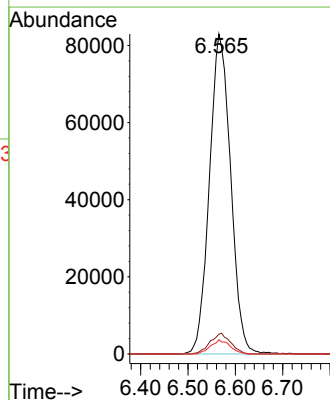
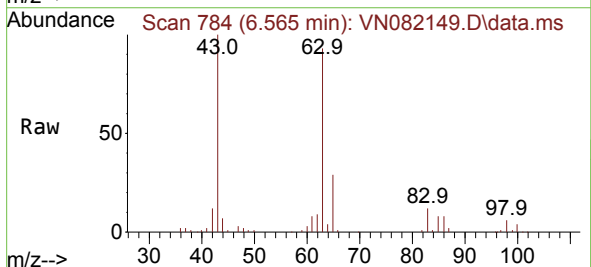
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

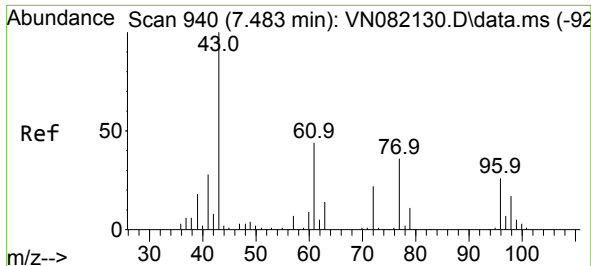
Tgt Ion: 43 Resp: 2149579
 Ion Ratio Lower Upper
 43 100
 86 8.6 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 48.215 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082149.D
 Acq: 16 May 2024 09:49

Tgt Ion: 63 Resp: 258318
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 4.4 2.6 7.8

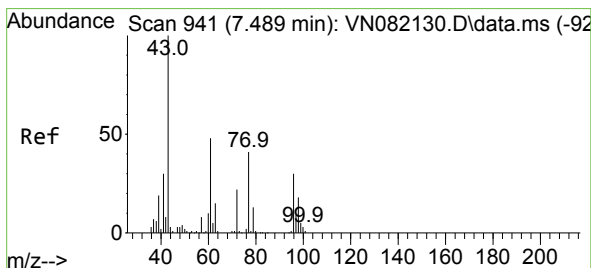
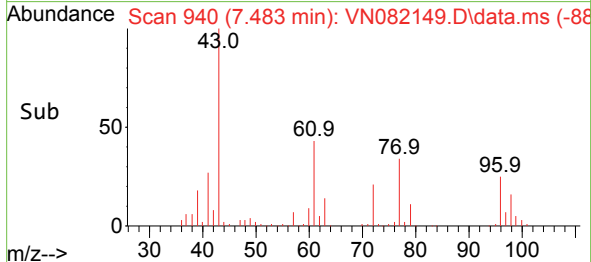
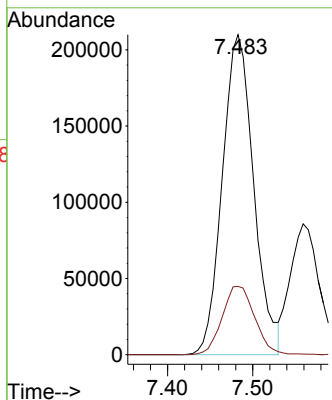
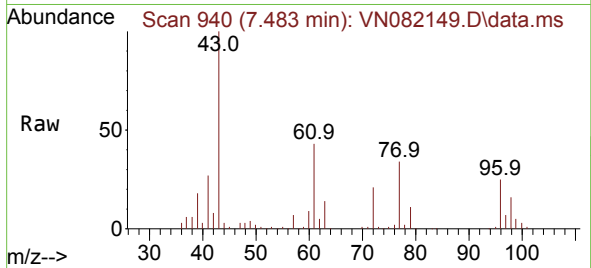




#25
2-Butanone
Concen: 257.165 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

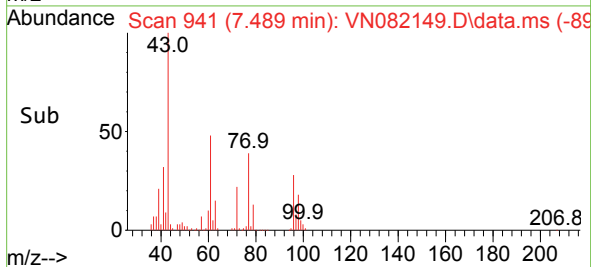
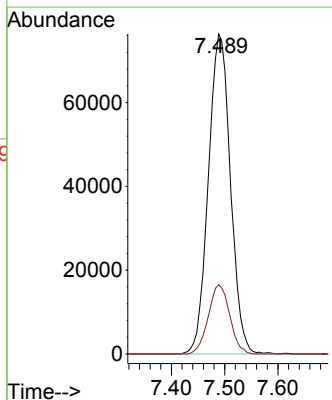
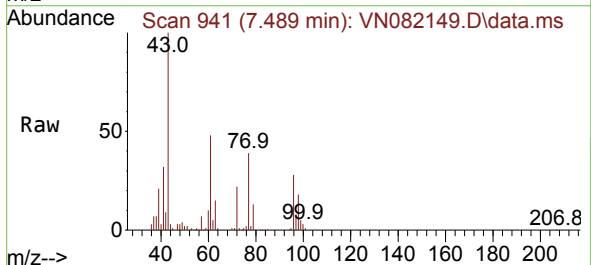
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

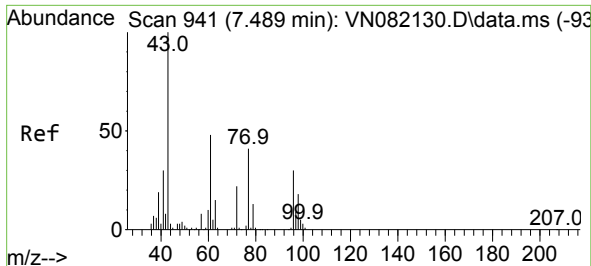
Tgt Ion: 43 Resp: 537669
Ion Ratio Lower Upper
43 100
72 21.4 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 48.979 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 77 Resp: 219792
Ion Ratio Lower Upper
77 100
97 21.0 11.3 33.9

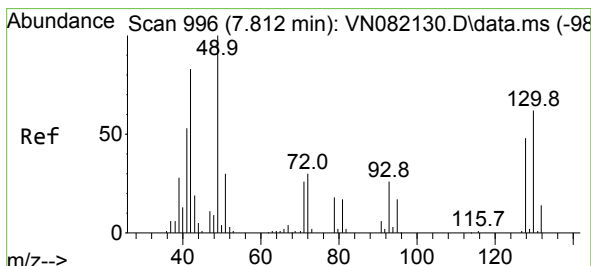
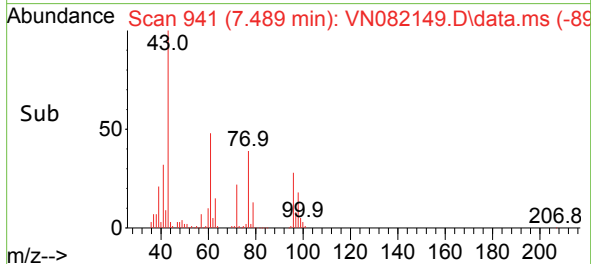
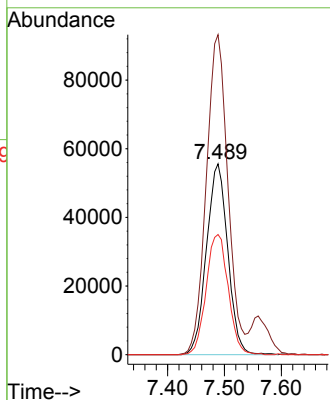
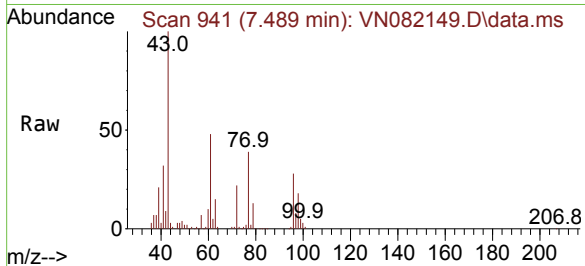




#27
 cis-1,2-Dichloroethene
 Concen: 48.414 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082149.D
 Acq: 16 May 2024 09:49

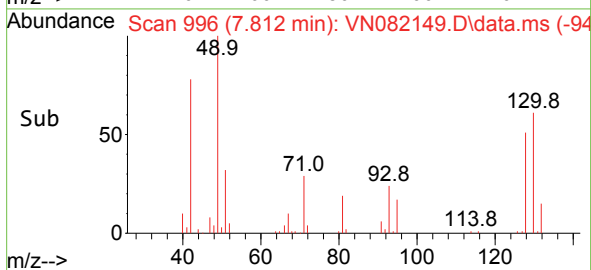
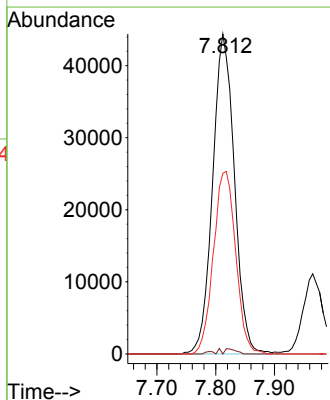
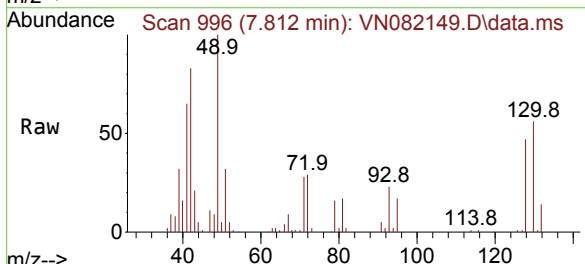
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

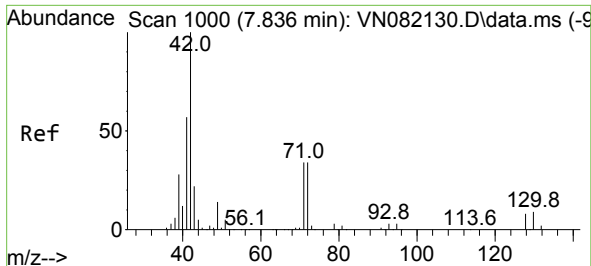
Tgt Ion: 96 Resp: 144764
 Ion Ratio Lower Upper
 96 100
 61 169.4 0.0 268.0
 98 65.2 0.0 126.8



#28
 Bromochloromethane
 Concen: 49.001 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082149.D
 Acq: 16 May 2024 09:49

Tgt Ion: 49 Resp: 114205
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.6
 130 58.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 259.918 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

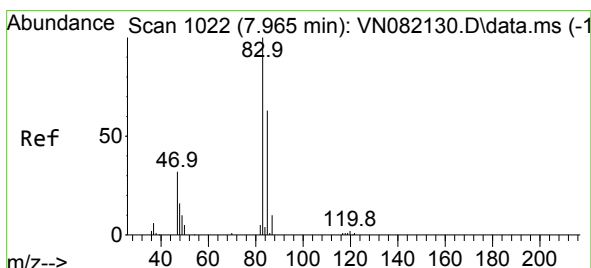
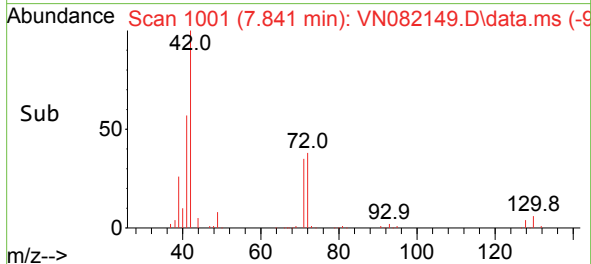
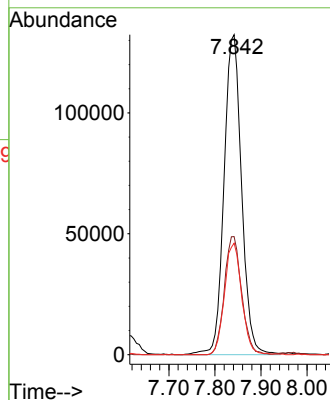
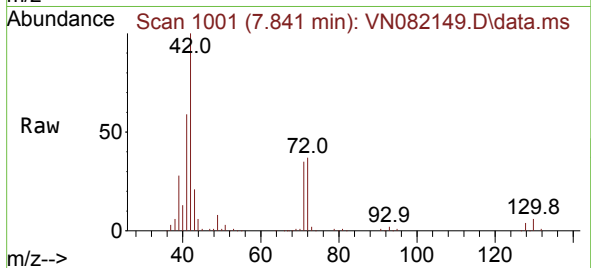
Tgt Ion: 42 Resp: 348909

Ion Ratio Lower Upper

42 100

72 36.4 39.3 58.9#

71 34.2 37.4 56.0#



#30

Chloroform

Concen: 49.005 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082149.D

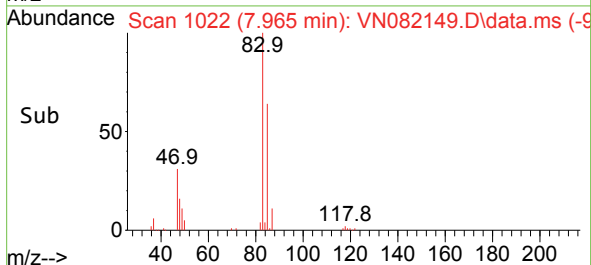
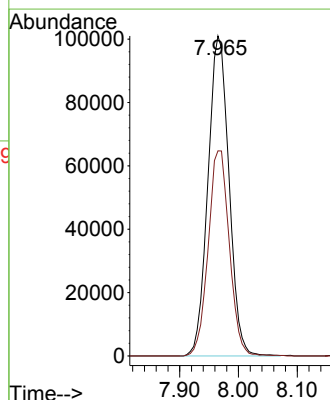
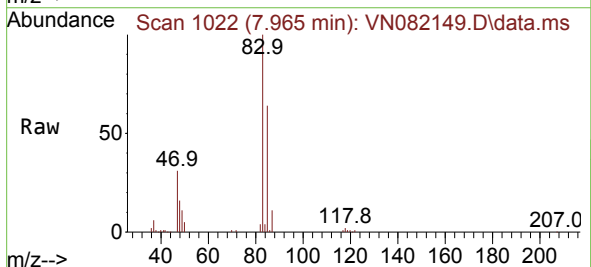
Acq: 16 May 2024 09:49

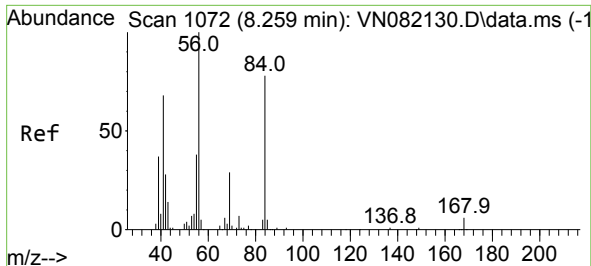
Tgt Ion: 83 Resp: 250718

Ion Ratio Lower Upper

83 100

85 64.1 50.7 76.1

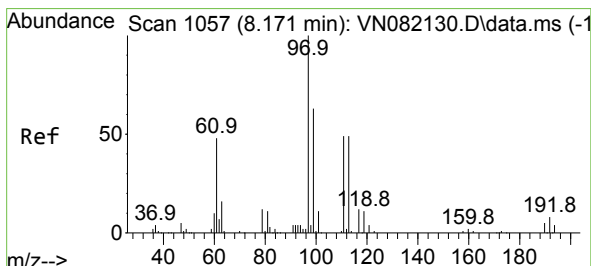
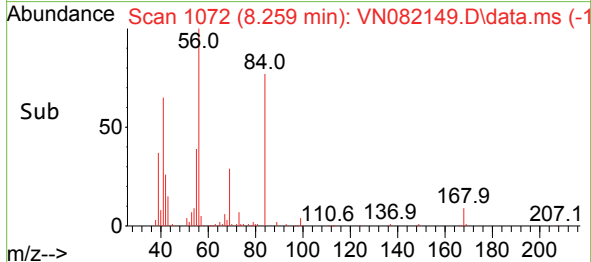
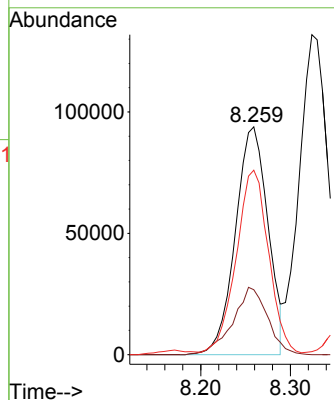
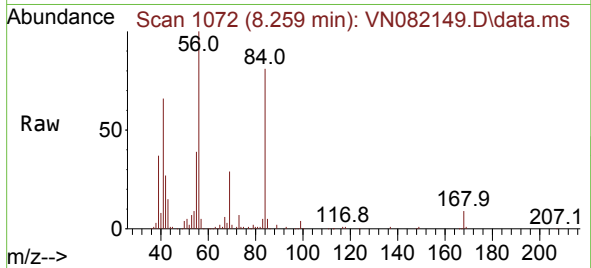




#31
Cyclohexane
Concen: 44.115 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

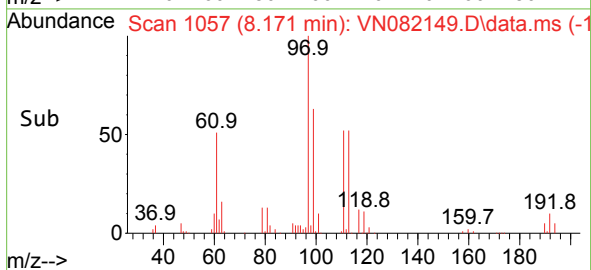
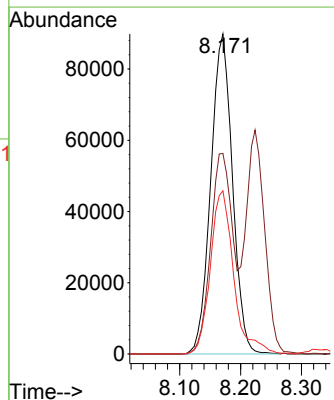
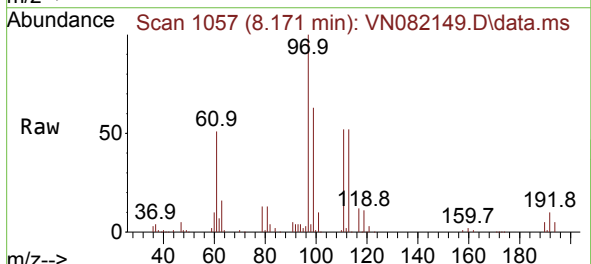
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

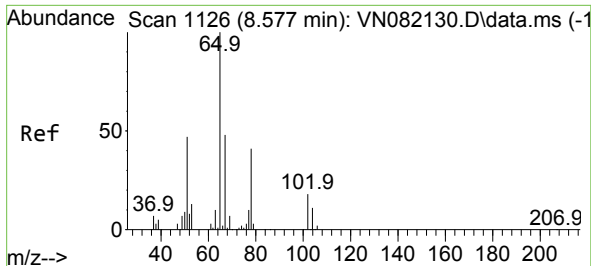
Tgt Ion: 56 Resp: 236851
Ion Ratio Lower Upper
56 100
69 28.5 24.4 36.6
84 79.4 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 48.998 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 97 Resp: 222400
Ion Ratio Lower Upper
97 100
99 62.8 50.3 75.5
61 55.0 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 50.452 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

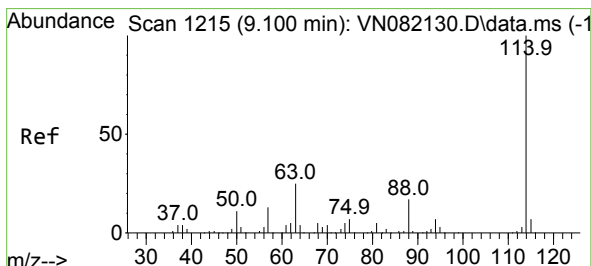
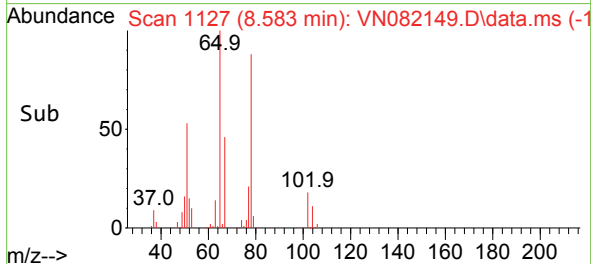
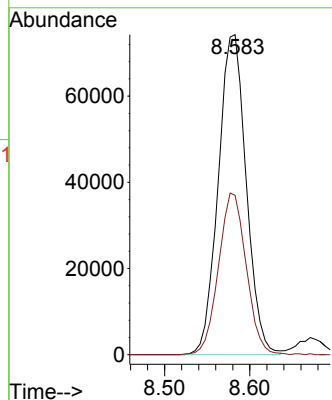
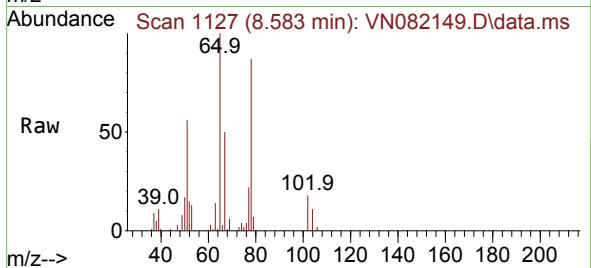
VSTDCCC050

Tgt Ion: 65 Resp: 169600

Ion Ratio Lower Upper

65 100

67 50.0 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: VN082149.D

Acq: 16 May 2024 09:49

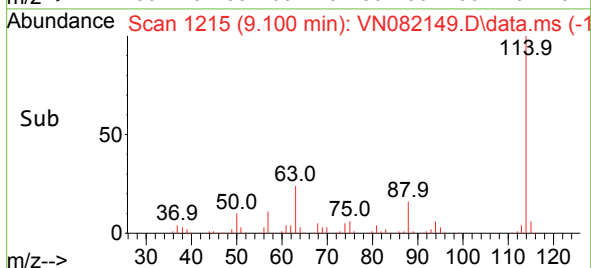
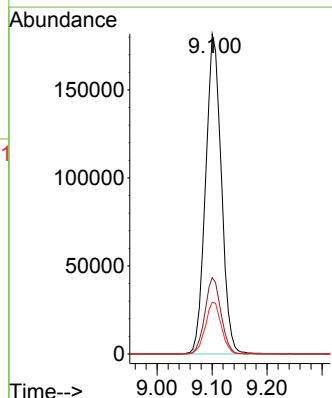
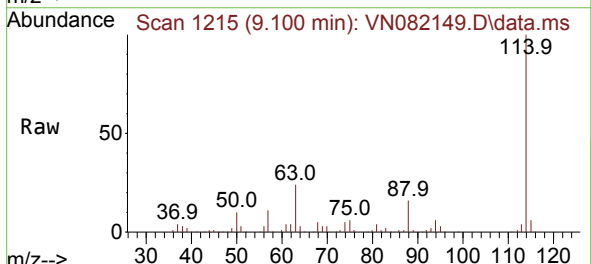
Tgt Ion: 114 Resp: 361485

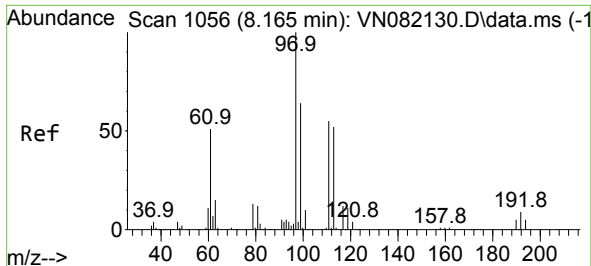
Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 16.1 0.0 31.4

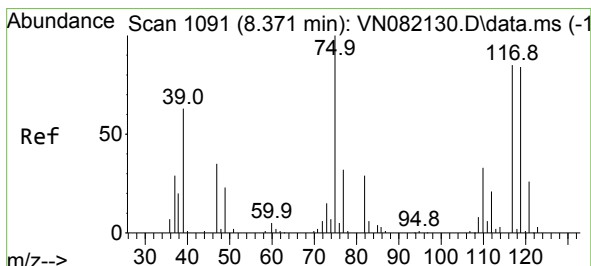
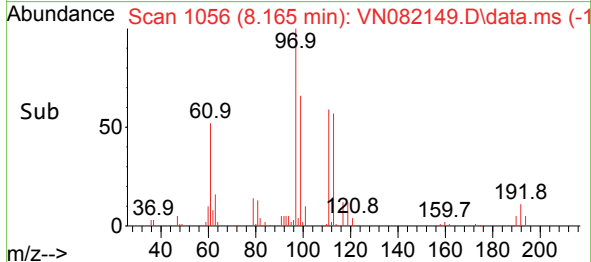
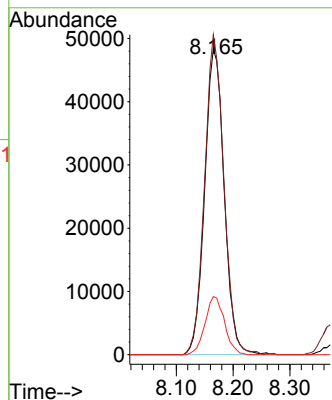
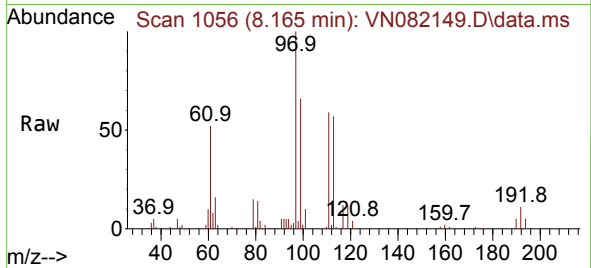




#35
Dibromofluoromethane
Concen: 51.796 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

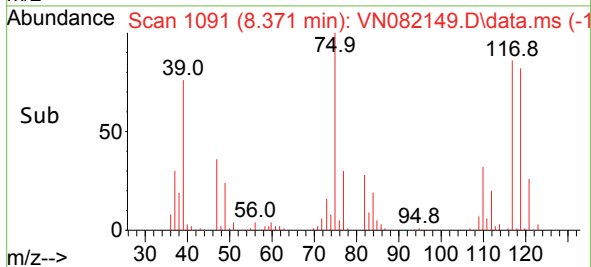
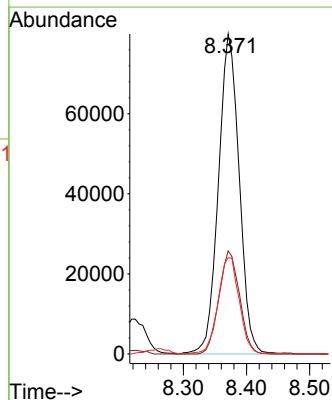
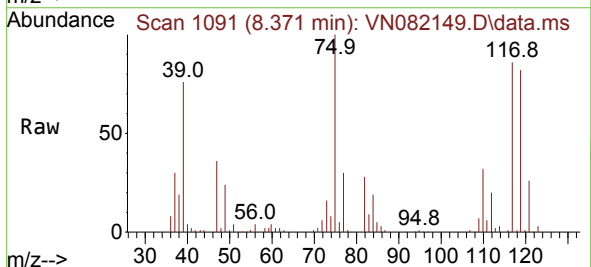
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

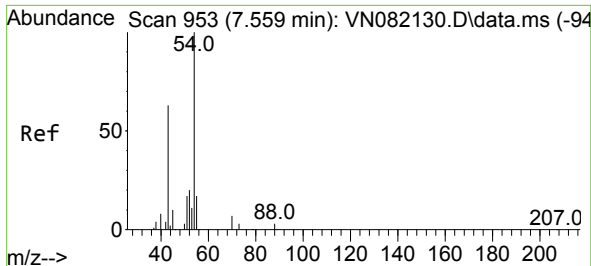
Tgt Ion:113 Resp: 115179
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.2
192 18.9 14.0 21.0



#36
1,1-Dichloropropene
Concen: 49.020 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 75 Resp: 182821
Ion Ratio Lower Upper
75 100
110 31.8 17.8 53.5
77 30.8 25.0 37.4

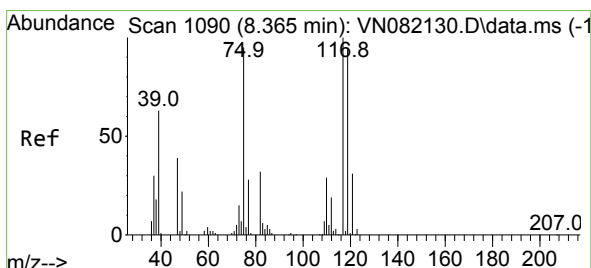
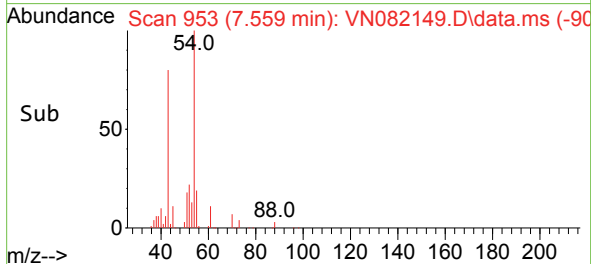
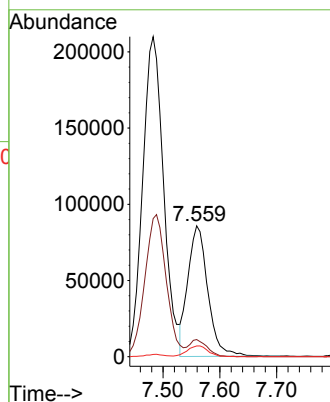
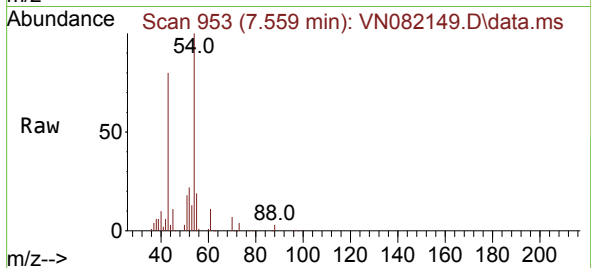




#37
Ethyl Acetate
Concen: 50.178 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

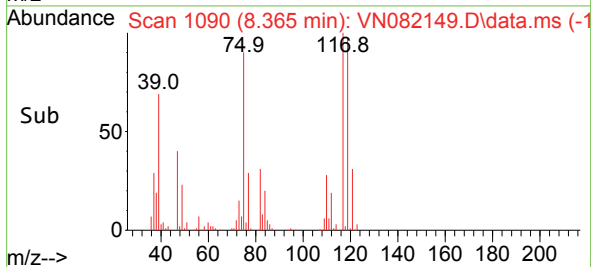
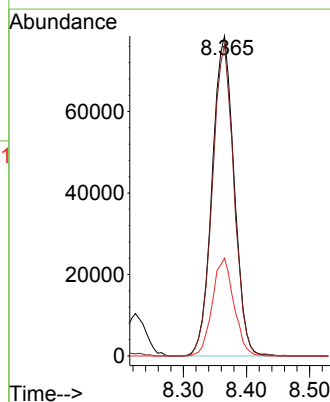
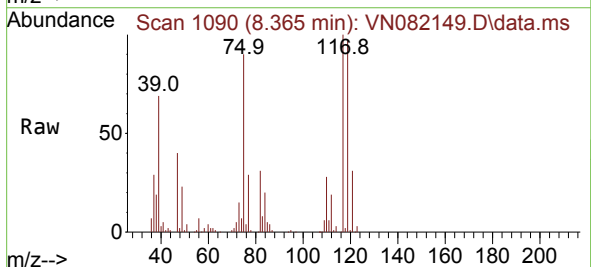
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

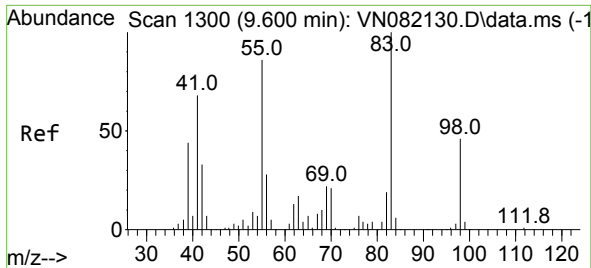
Tgt Ion: 43 Resp: 209432
Ion Ratio Lower Upper
43 100
61 12.2 11.3 16.9
70 8.7 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 50.181 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 117 Resp: 189713
Ion Ratio Lower Upper
117 100
119 97.2 76.5 114.7
121 30.6 23.9 35.9





#39

Methylcyclohexane

Concen: 50.445 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

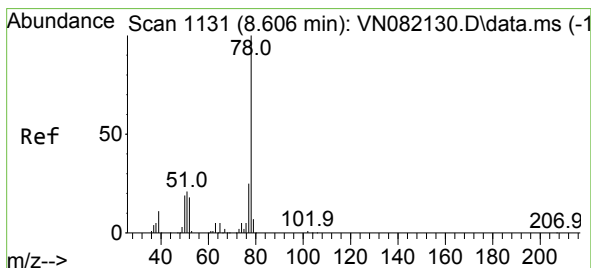
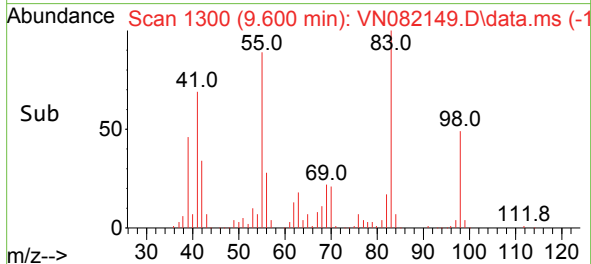
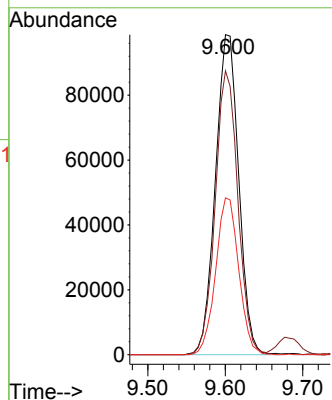
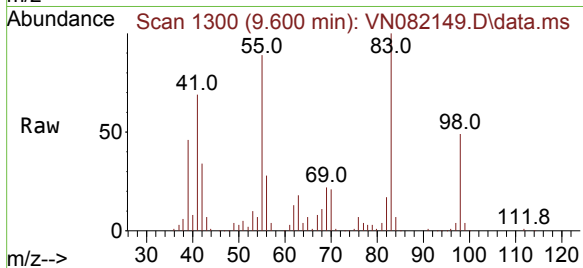
Tgt Ion: 83 Resp: 206217

Ion Ratio Lower Upper

83 100

55 88.7 53.0 79.6#

98 49.0 37.1 55.7



#40

Benzene

Concen: 49.985 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082149.D

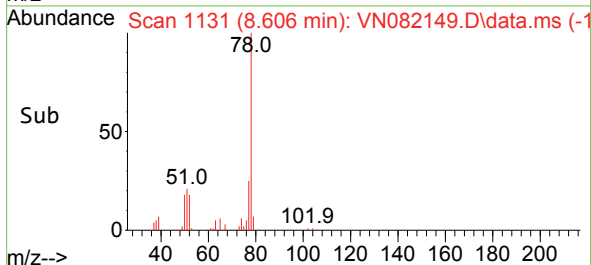
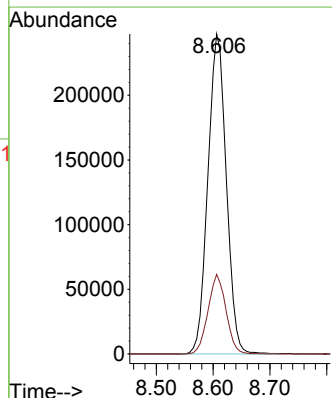
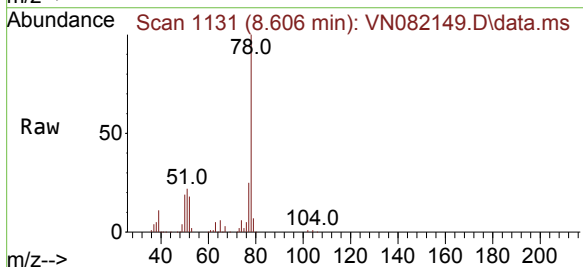
Acq: 16 May 2024 09:49

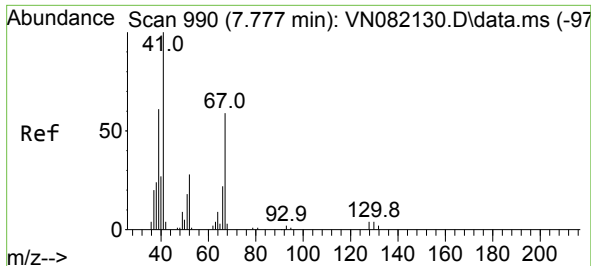
Tgt Ion: 78 Resp: 555904

Ion Ratio Lower Upper

78 100

77 24.8 20.0 30.0

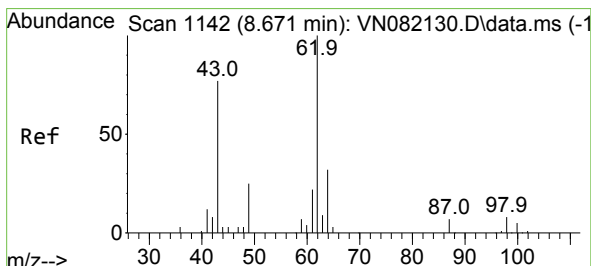
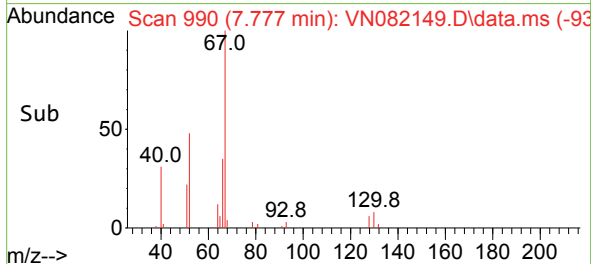
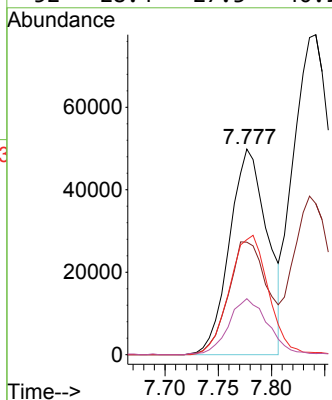
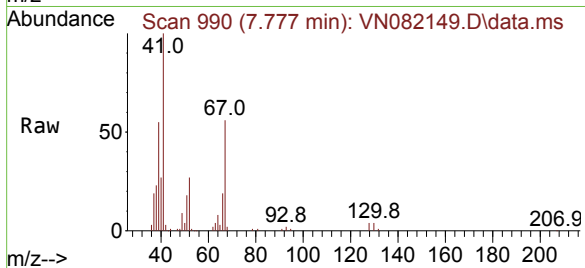




#41
Methacrylonitrile
Concen: 50.338 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

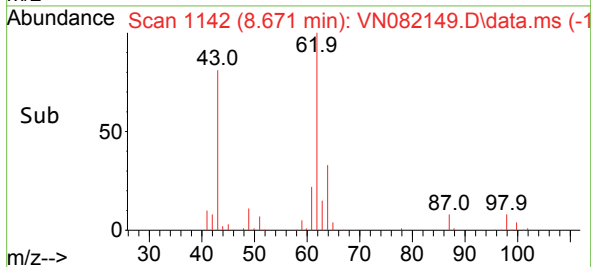
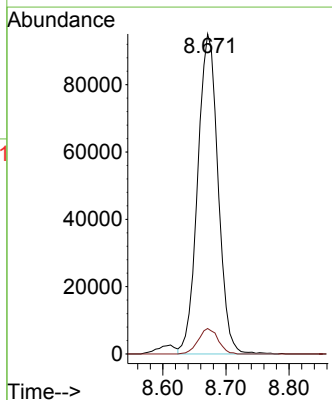
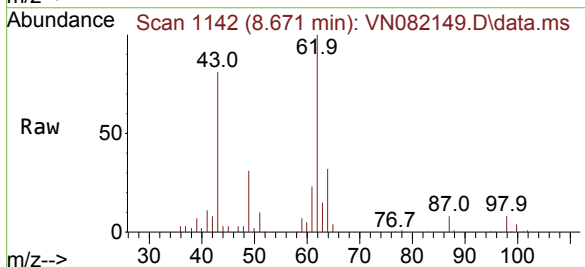
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

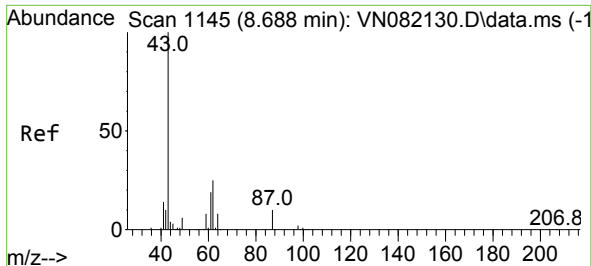
Tgt Ion:	41	Resp:	123562
Ion	Ratio	Lower	Upper
41	100		
39	57.1	46.6	69.8
67	59.8	67.3	100.9
52	28.4	27.3	40.9



#42
1,2-Dichloroethane
Concen: 49.773 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion:	62	Resp:	212893
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	19.6

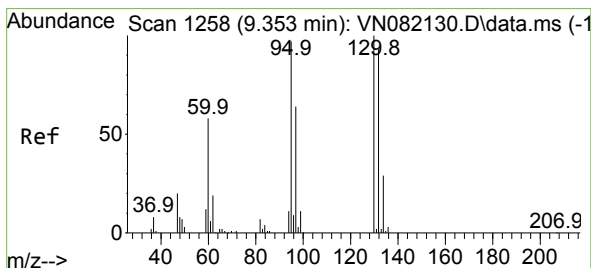
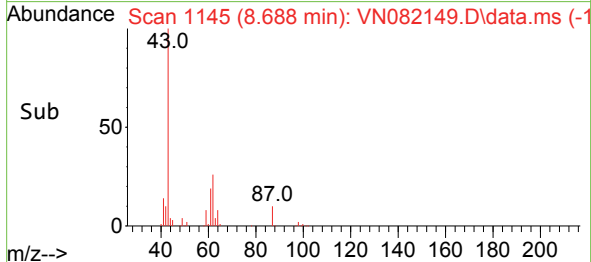
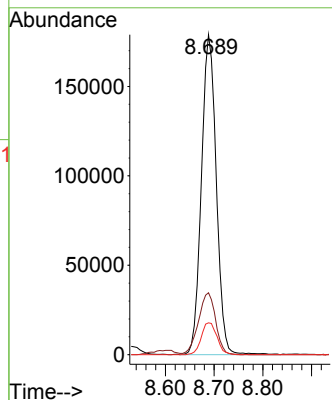
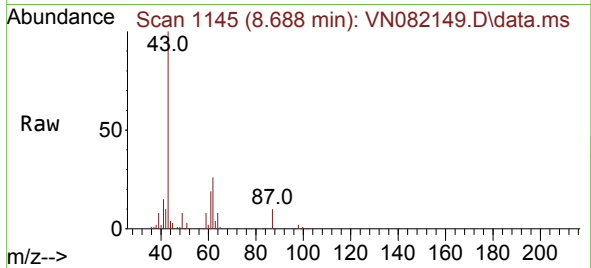




#43
Isopropyl Acetate
Concen: 51.354 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

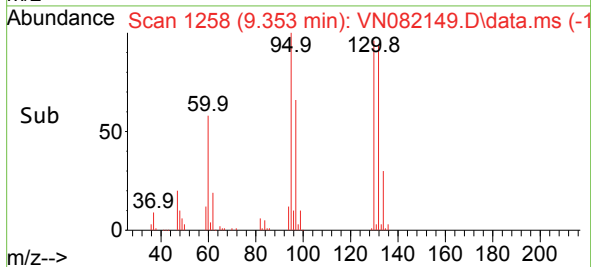
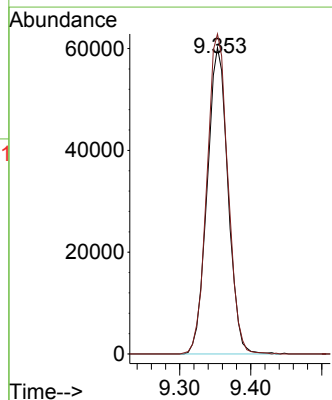
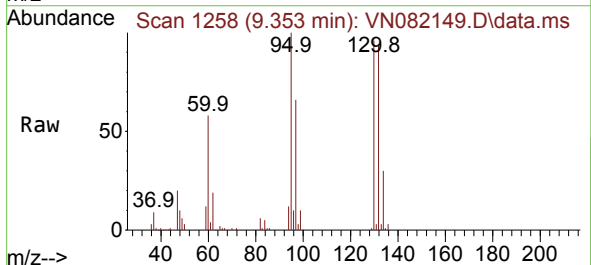
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

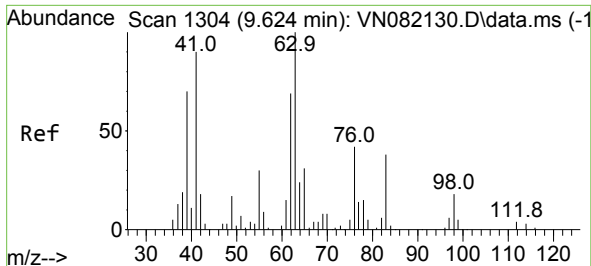
Tgt Ion: 43 Resp: 379792
Ion Ratio Lower Upper
43 100
61 22.4 22.8 34.2#
87 10.5 12.0 18.0#



#44
Trichloroethene
Concen: 48.496 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion:130 Resp: 122514
Ion Ratio Lower Upper
130 100
95 104.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 49.471 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

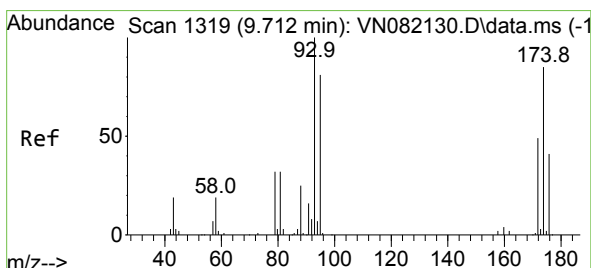
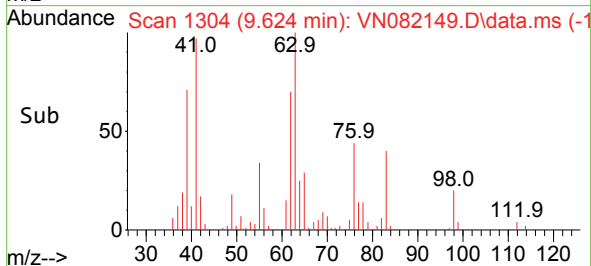
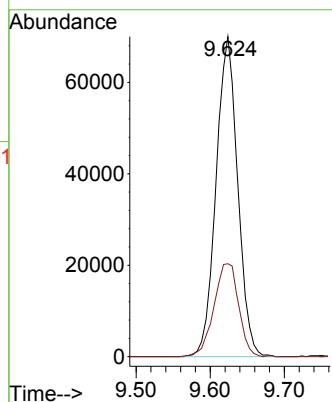
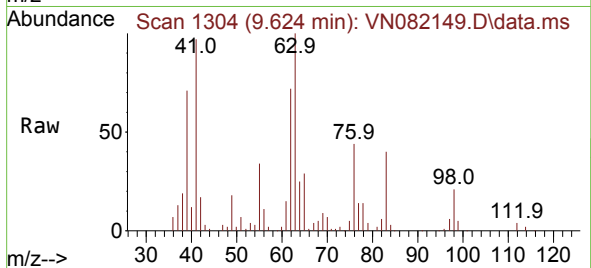
VSTDCCC050

Tgt Ion: 63 Resp: 141953

Ion Ratio Lower Upper

63 100

65 29.1 24.1 36.1



#46

Dibromomethane

Concen: 49.476 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

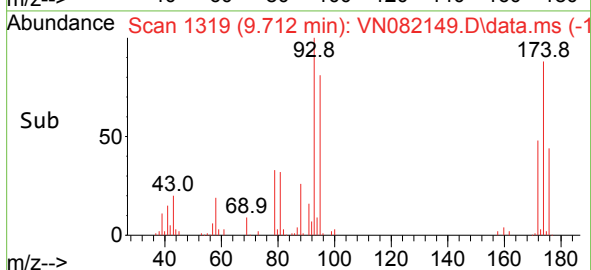
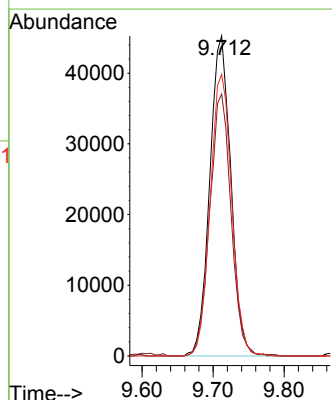
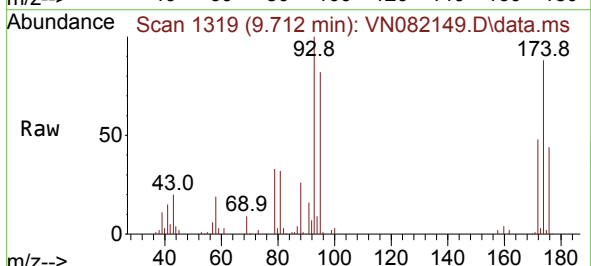
Tgt Ion: 93 Resp: 93206

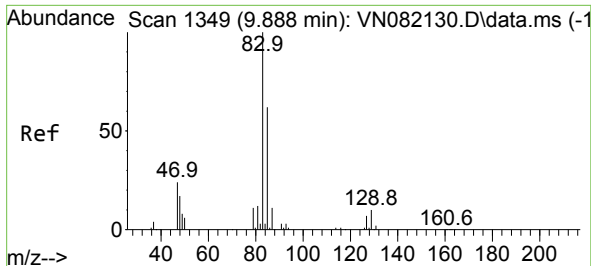
Ion Ratio Lower Upper

93 100

95 82.4 64.8 97.2

174 89.7 73.4 110.0





#47

Bromodichloromethane

Concen: 50.393 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

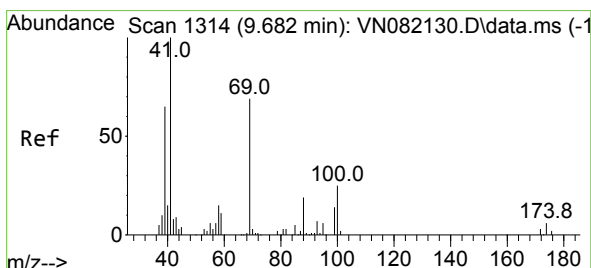
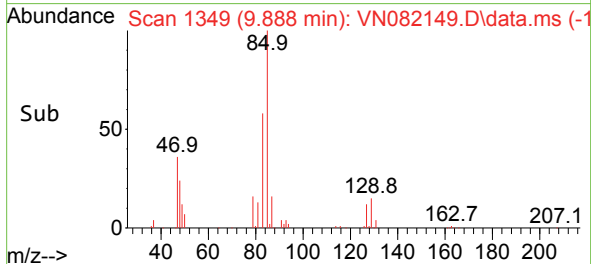
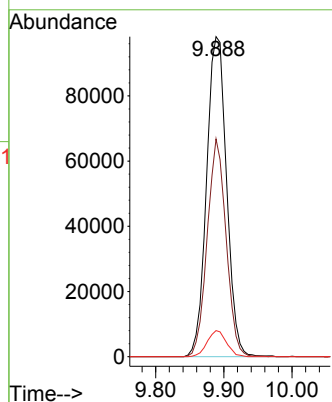
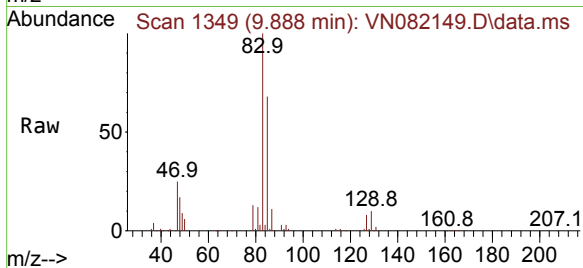
Tgt Ion: 83 Resp: 200414

Ion Ratio Lower Upper

83 100

85 68.1 51.9 77.9

127 8.2 7.5 11.3



#48

Methyl methacrylate

Concen: 51.615 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

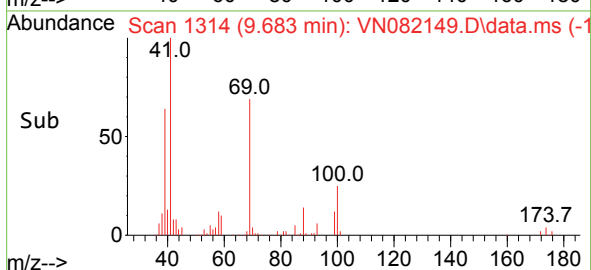
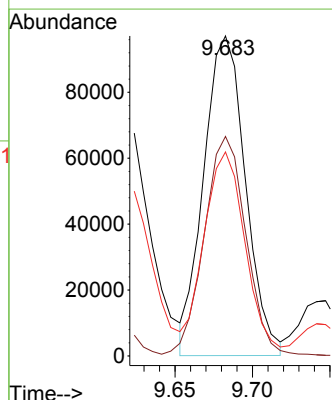
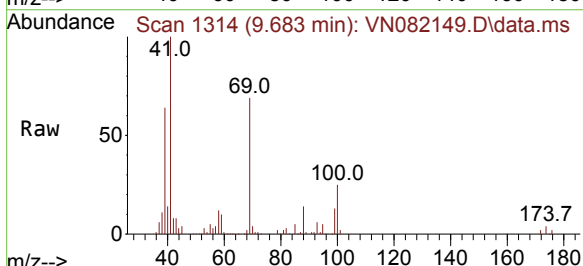
Tgt Ion: 41 Resp: 181889

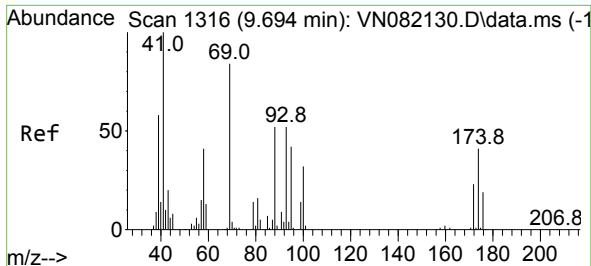
Ion Ratio Lower Upper

41 100

69 69.1 77.9 116.9#

39 63.4 50.9 76.3





#49

1,4-Dioxane

Concen: 958.306 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

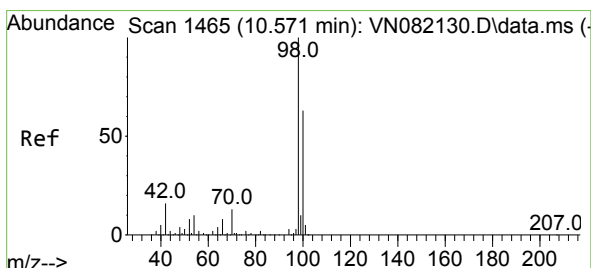
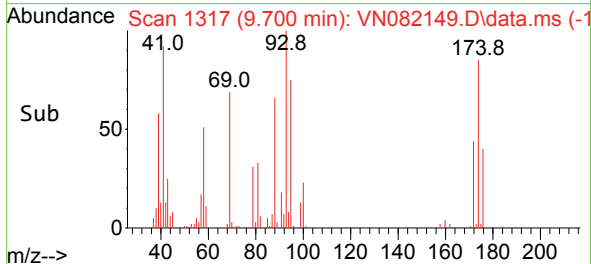
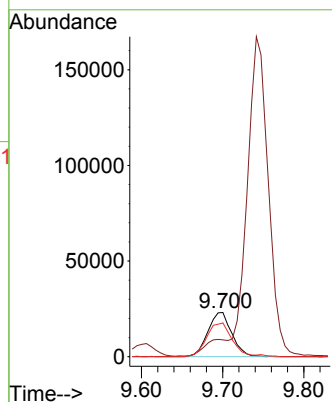
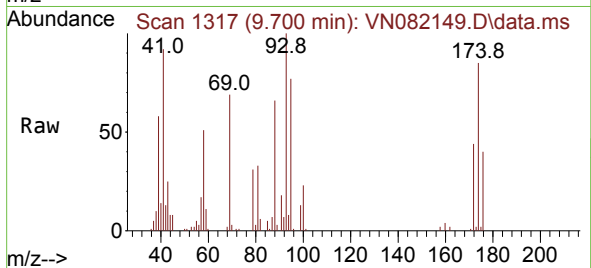
Tgt Ion: 88 Resp: 47322

Ion Ratio Lower Upper

88 100

43 38.7 19.0 28.6#

58 82.8 50.6 76.0#



#50

Toluene-d8

Concen: 52.103 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082149.D

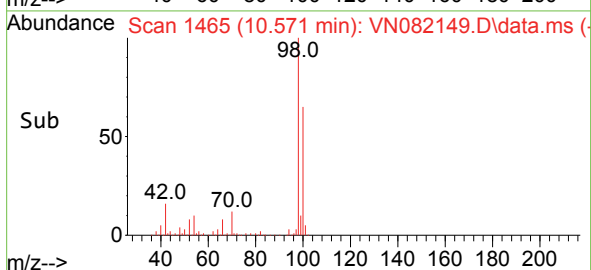
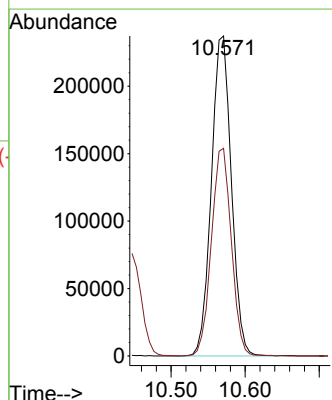
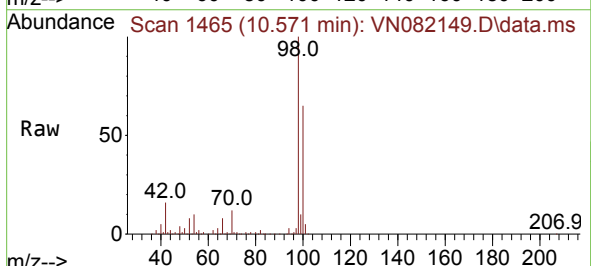
Acq: 16 May 2024 09:49

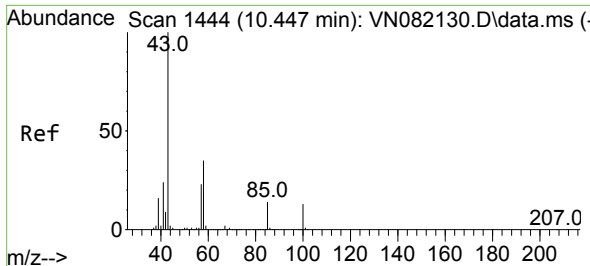
Tgt Ion: 98 Resp: 444200

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6

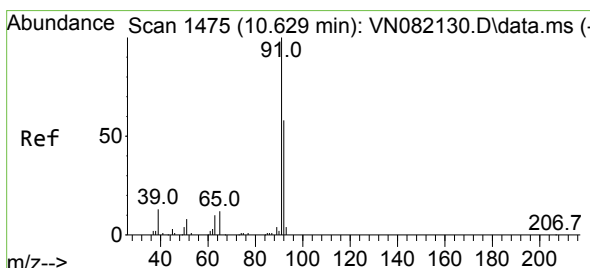
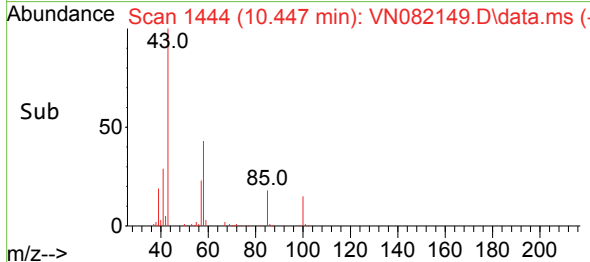
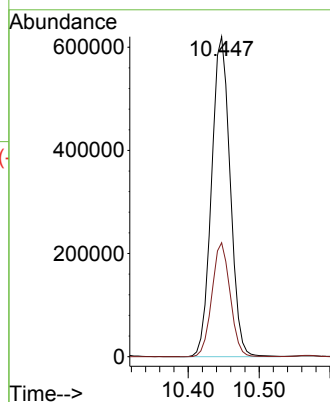
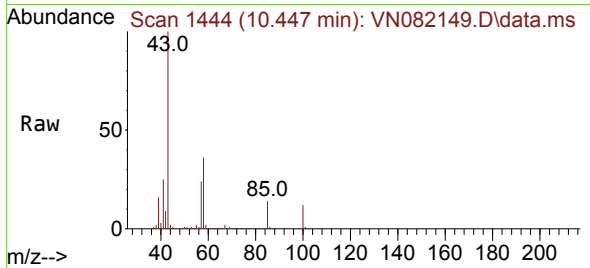




#51
4-Methyl-2-Pentanone
Concen: 268.218 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

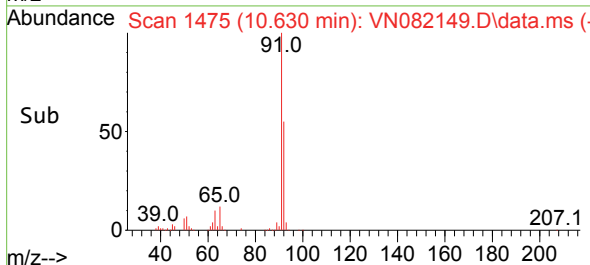
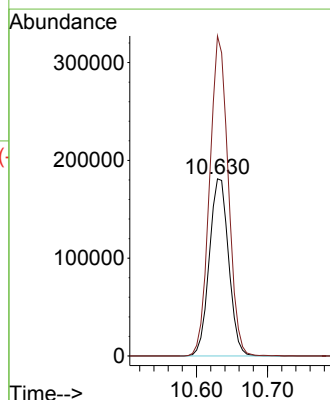
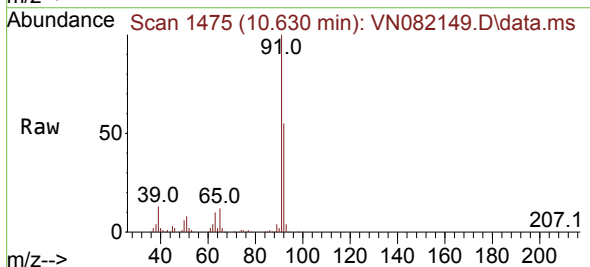
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

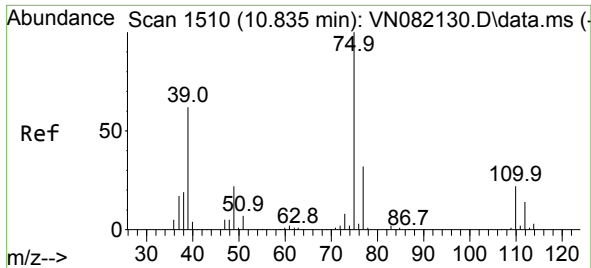
Tgt Ion: 43 Resp: 1127033
Ion Ratio Lower Upper
43 100
58 34.8 33.2 49.8



#52
Toluene
Concen: 51.241 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 92 Resp: 341985
Ion Ratio Lower Upper
92 100
91 173.9 136.7 205.1

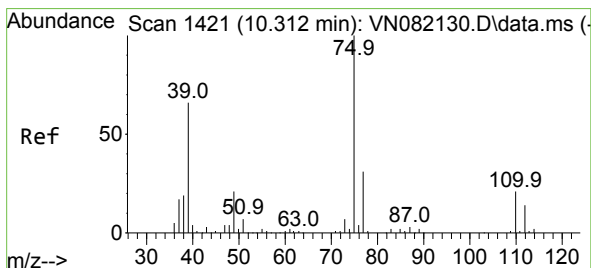
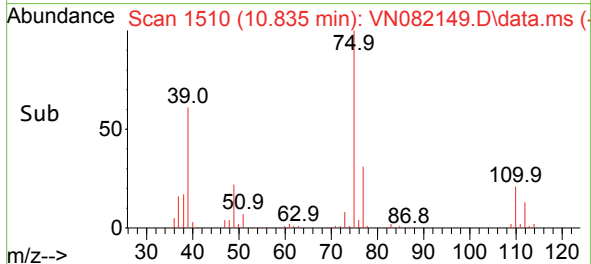
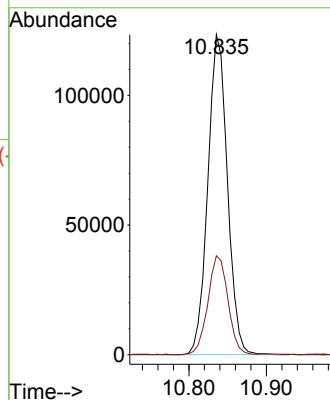
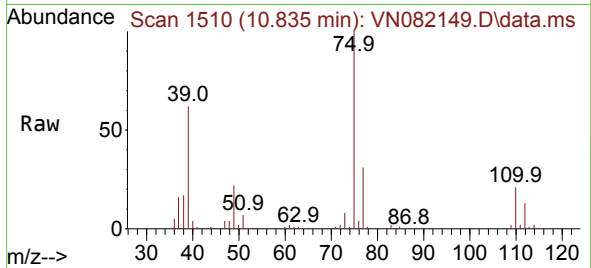




#53
 t-1,3-Dichloropropene
 Concen: 52.576 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082149.D
 Acq: 16 May 2024 09:49

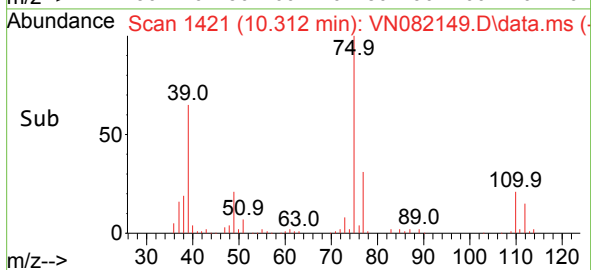
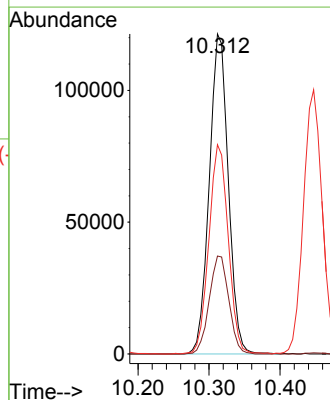
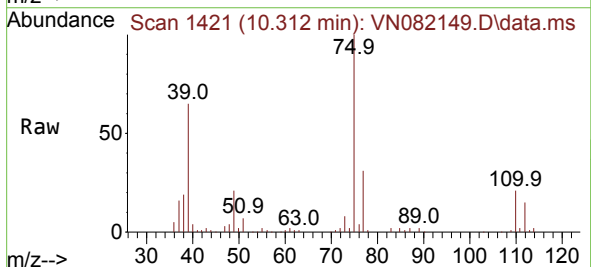
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

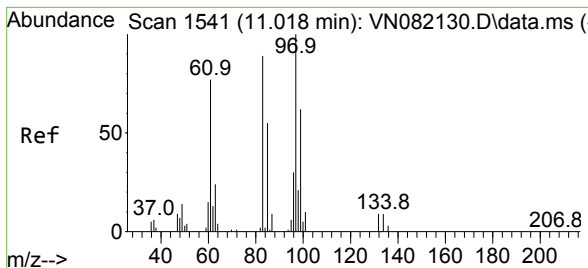
Tgt Ion: 75 Resp: 216252
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.839 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN082149.D
 Acq: 16 May 2024 09:49

Tgt Ion: 75 Resp: 225696
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4
 39 65.4 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 50.672 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 122897

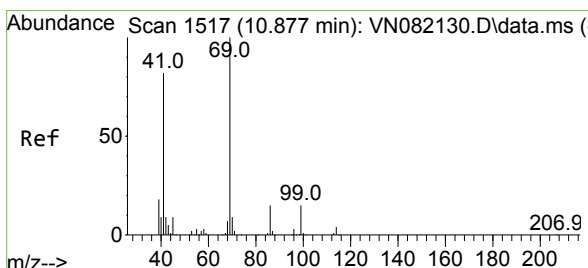
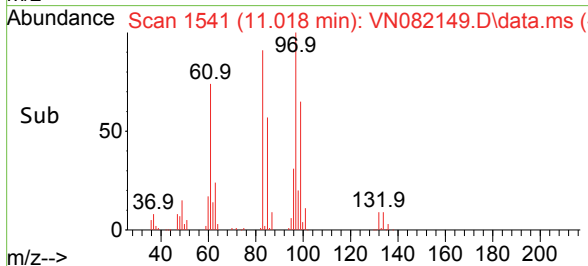
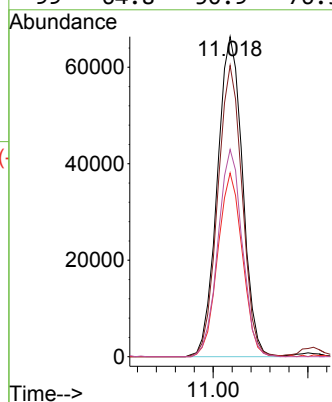
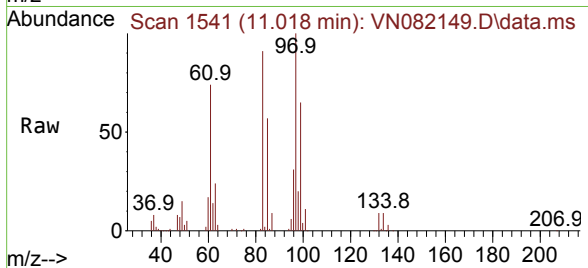
Ion Ratio Lower Upper

97 100

83 91.0 70.4 105.6

85 57.4 45.6 68.4

99 64.8 50.9 76.3



#56

Ethyl methacrylate

Concen: 53.819 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

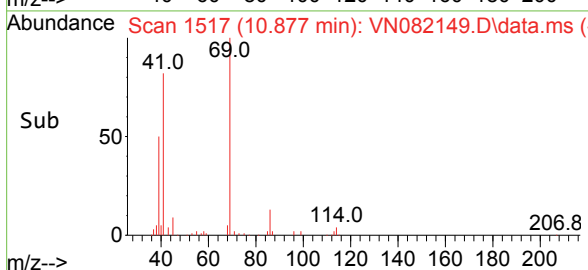
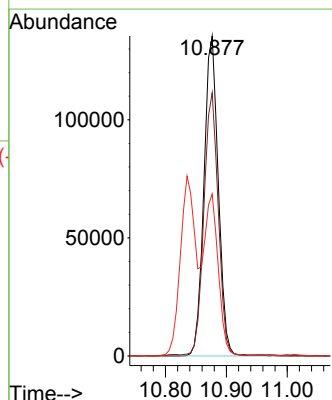
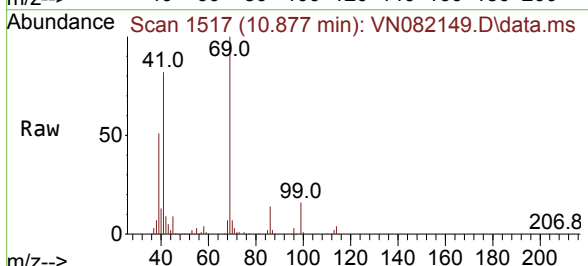
Tgt Ion: 69 Resp: 221614

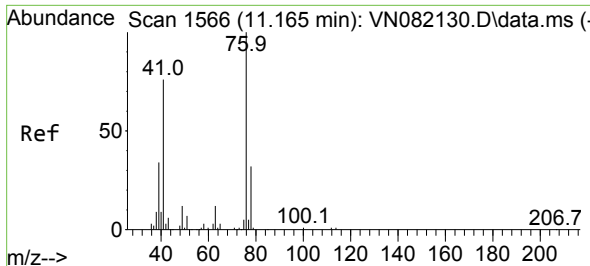
Ion Ratio Lower Upper

69 100

41 82.2 46.6 70.0#

39 45.8 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 49.799 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

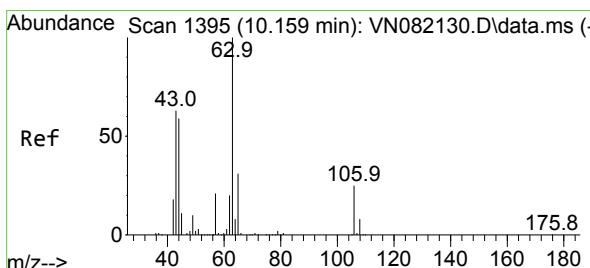
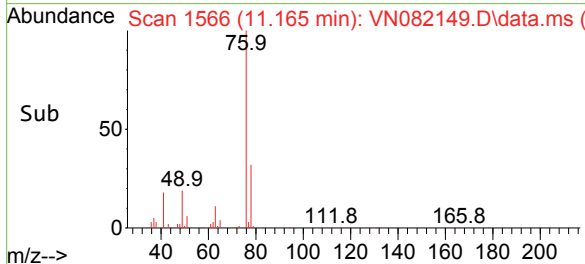
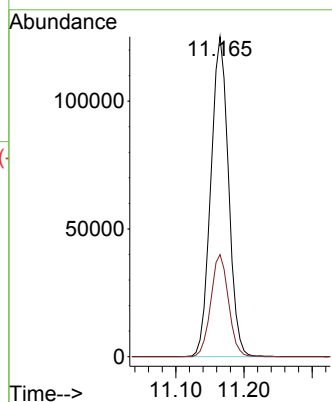
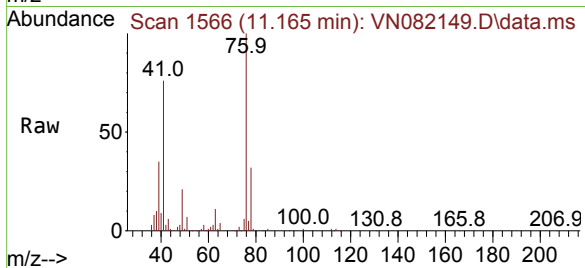
VSTDCCC050

Tgt Ion: 76 Resp: 225829

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 264.953 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN082149.D

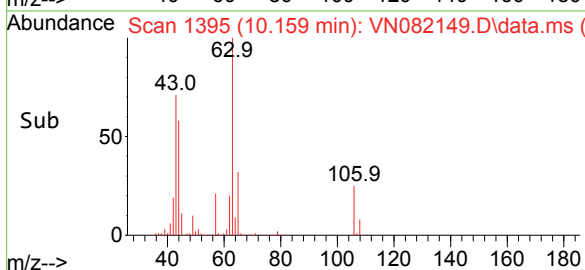
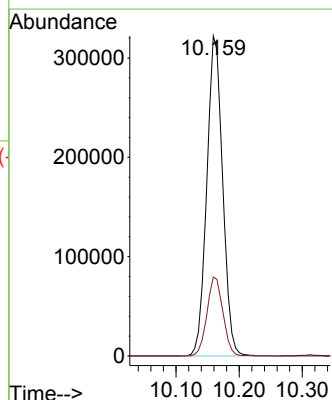
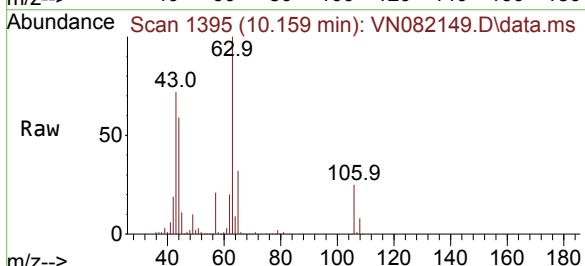
Acq: 16 May 2024 09:49

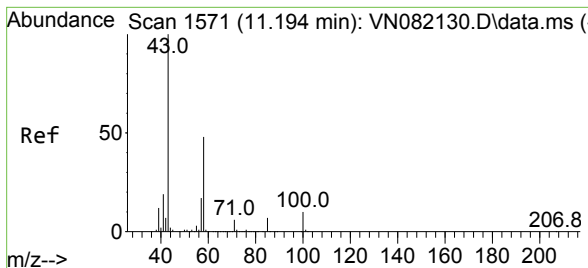
Tgt Ion: 63 Resp: 562748

Ion Ratio Lower Upper

63 100

106 24.9 24.6 36.8

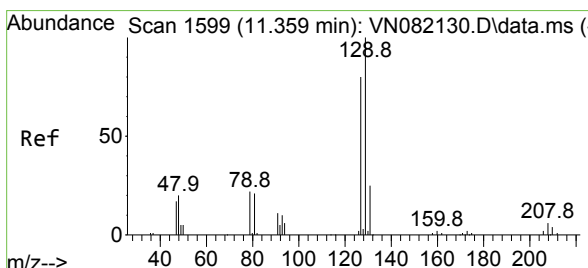
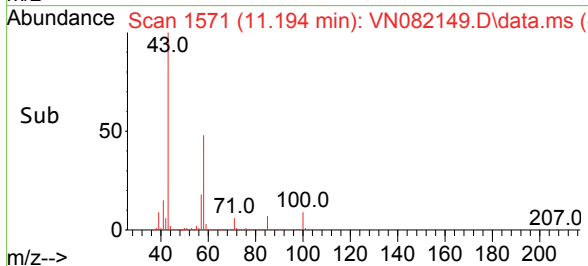
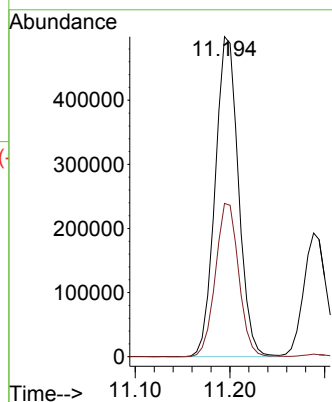
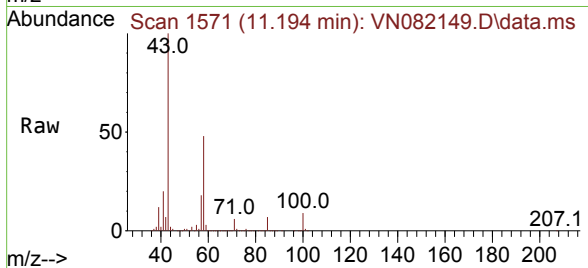




#59
2-Hexanone
Concen: 277.290 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

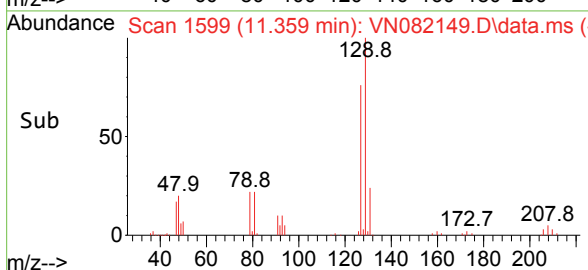
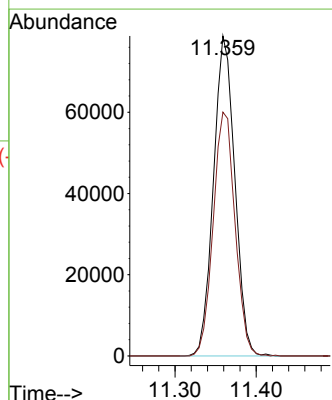
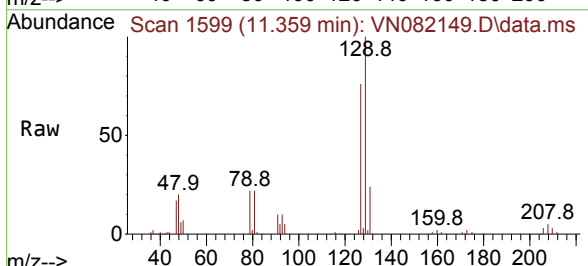
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

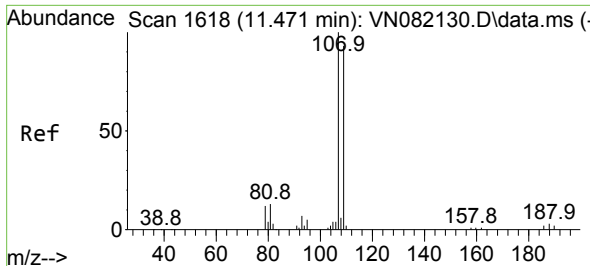
Tgt Ion: 43 Resp: 853133
Ion Ratio Lower Upper
43 100
58 47.8 28.3 84.9



#60
Dibromochloromethane
Concen: 53.802 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 129 Resp: 144005
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8

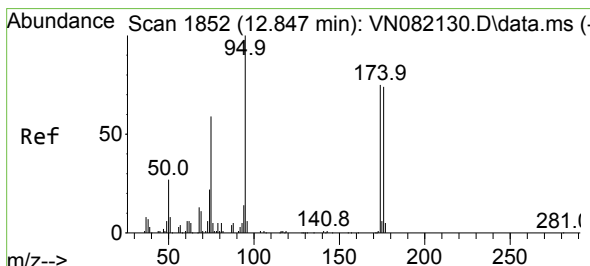
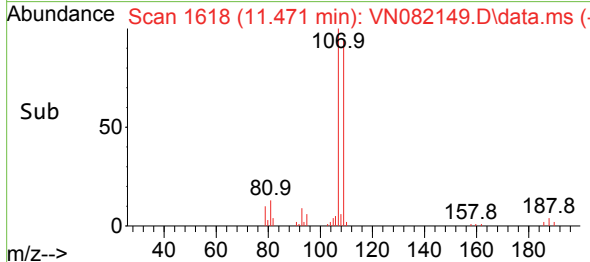
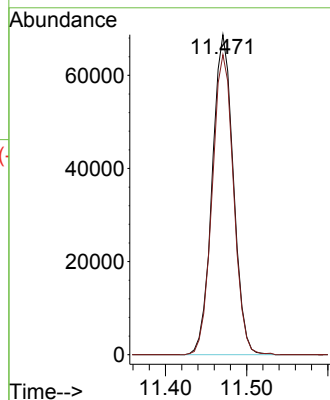
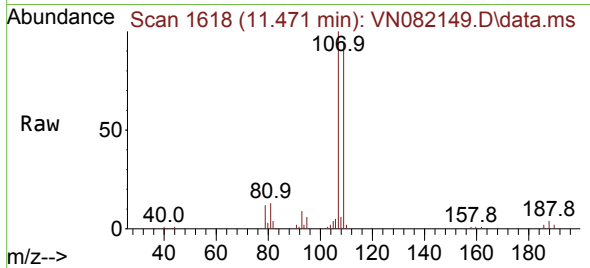




#61
1,2-Dibromoethane
Concen: 49.910 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

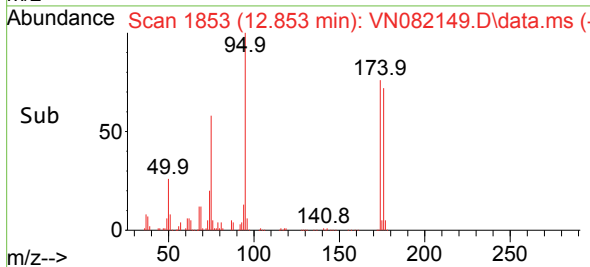
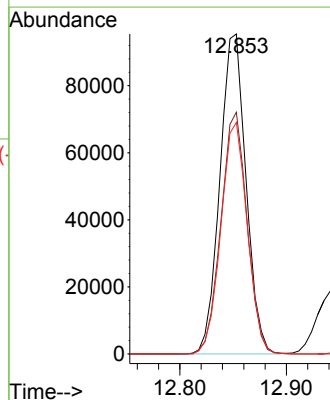
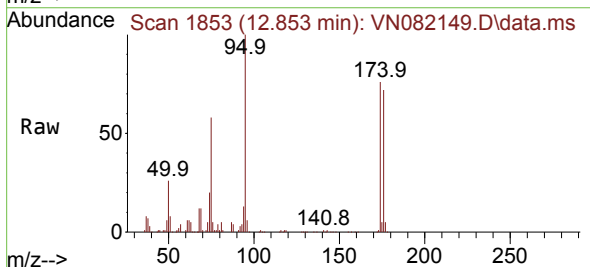
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

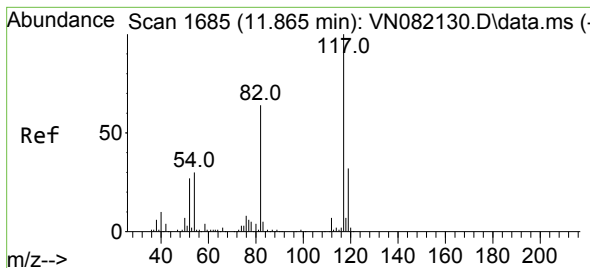
Tgt Ion:107 Resp: 124334
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 53.391 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 95 Resp: 162465
Ion Ratio Lower Upper
95 100
174 75.5 0.0 160.6
176 72.9 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: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

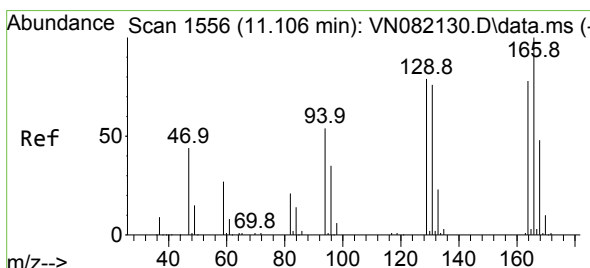
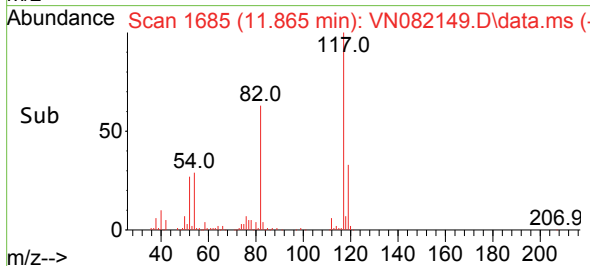
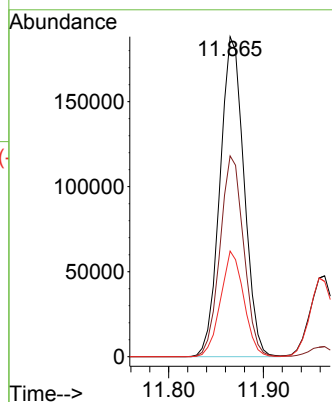
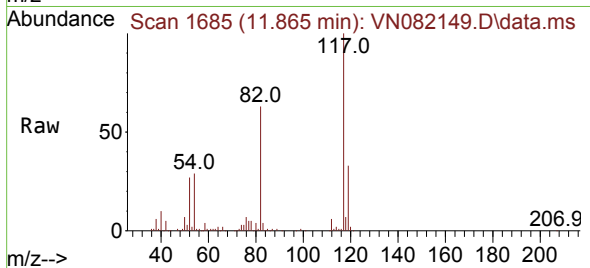
Tgt Ion:117 Resp: 332236

Ion Ratio Lower Upper

117 100

82 62.7 44.6 66.8

119 33.0 25.9 38.9



#64

Tetrachloroethene

Concen: 48.757 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Tgt Ion:164 Resp: 120065

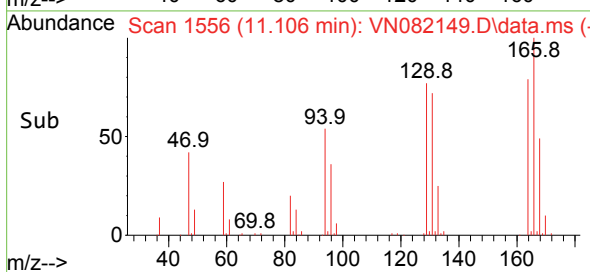
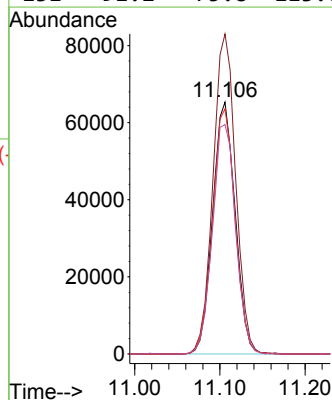
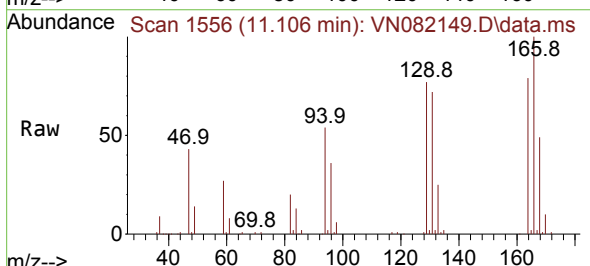
Ion Ratio Lower Upper

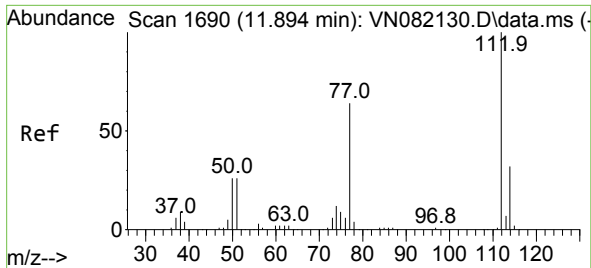
164 100

166 127.1 97.6 146.4

129 97.3 73.7 110.5

131 91.2 75.8 113.6

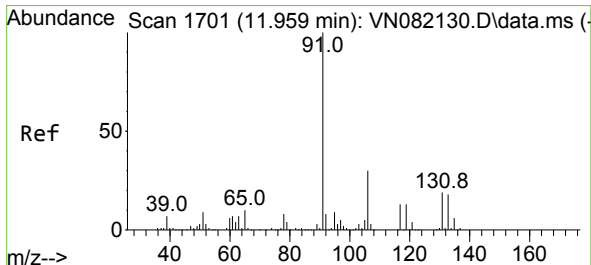
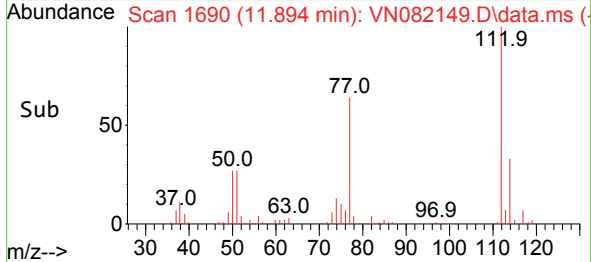
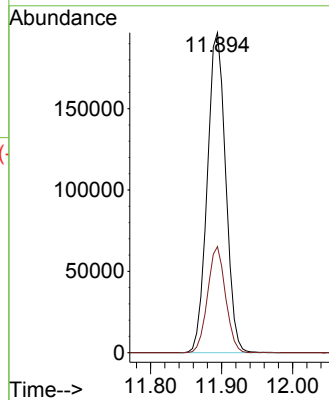
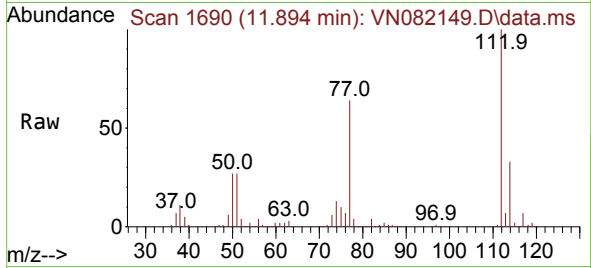




#65
Chlorobenzene
Concen: 48.213 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

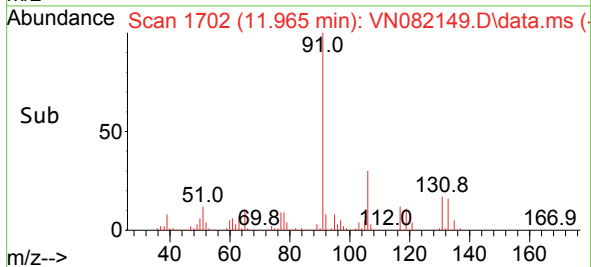
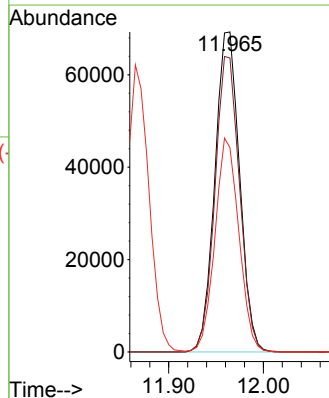
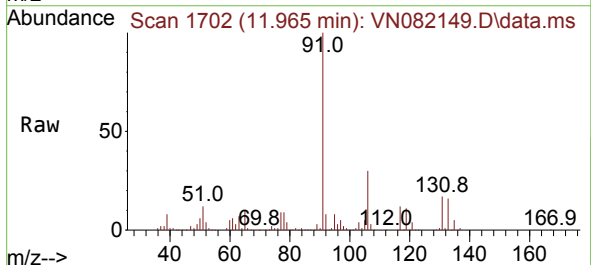
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

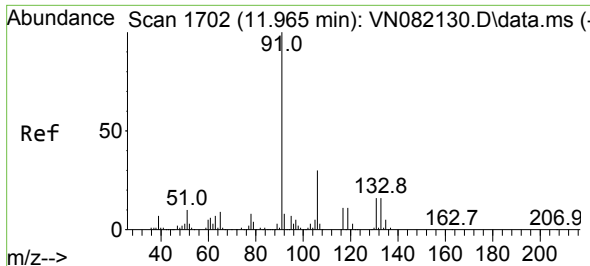
Tgt Ion:112 Resp: 353859
Ion Ratio Lower Upper
112 100
114 33.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.029 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion:131 Resp: 125785
Ion Ratio Lower Upper
131 100
133 92.0 47.5 142.6
119 65.0 32.9 98.7

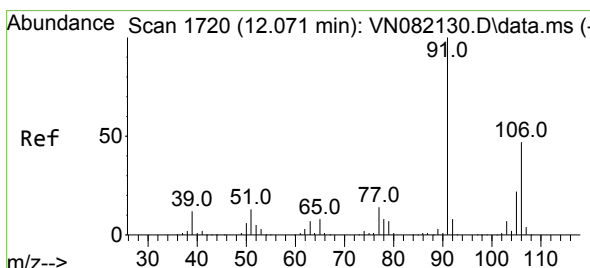
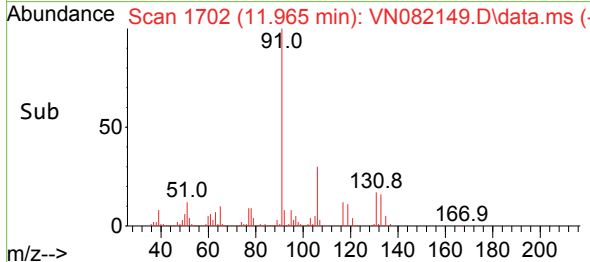
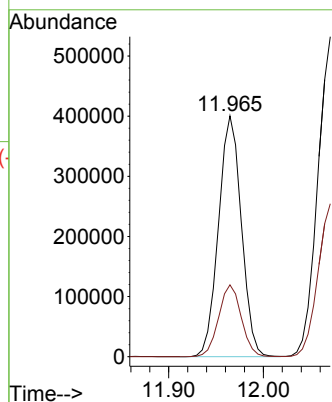
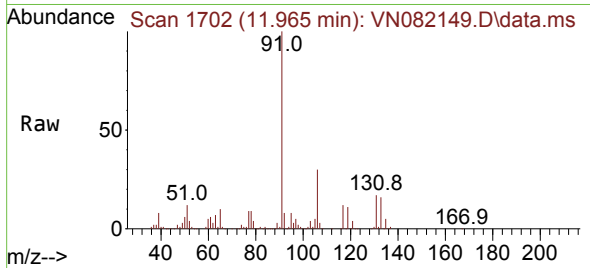




#67
Ethyl Benzene
Concen: 51.112 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

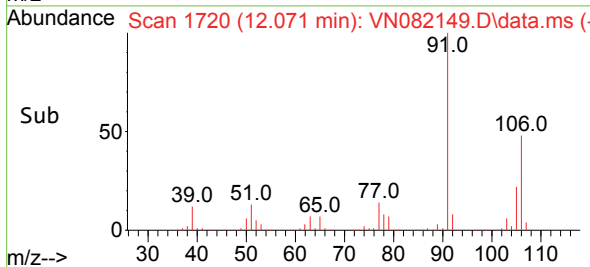
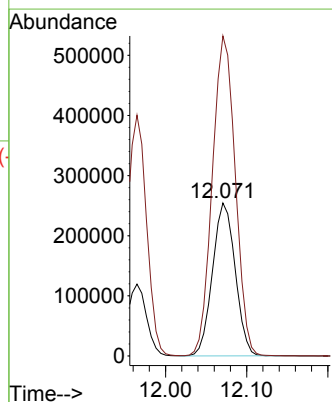
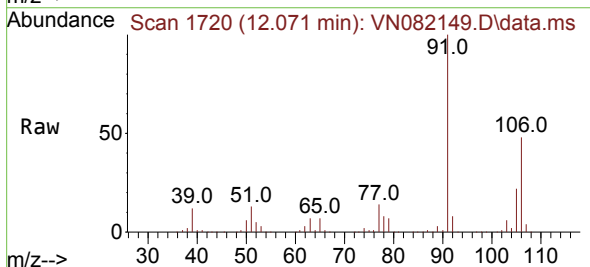
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

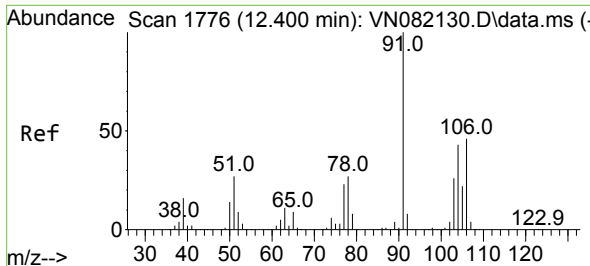
Tgt Ion: 91 Resp: 671077
Ion Ratio Lower Upper
91 100
106 29.9 25.3 37.9



#68
m/p-Xylenes
Concen: 102.586 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 106 Resp: 493649
Ion Ratio Lower Upper
106 100
91 212.3 159.4 239.0

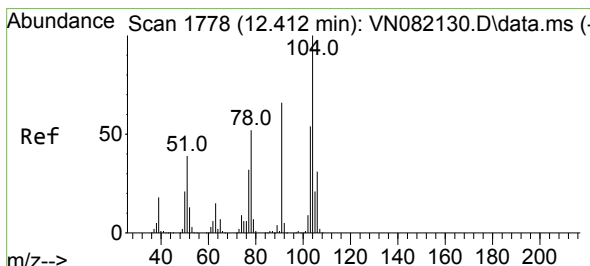
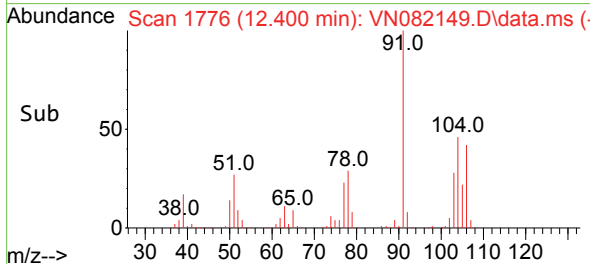
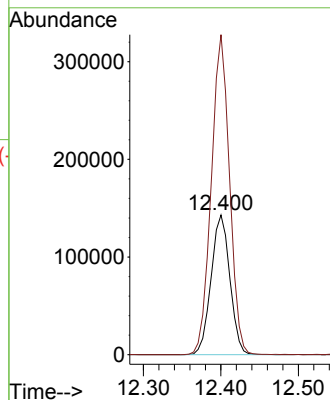
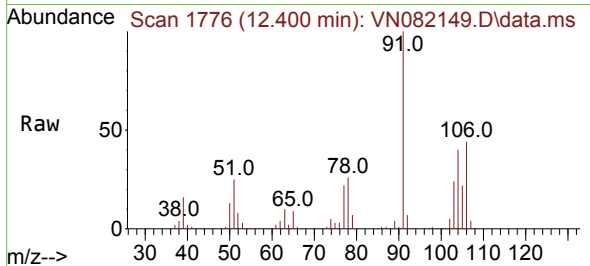




#69
o-Xylene
Concen: 51.620 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

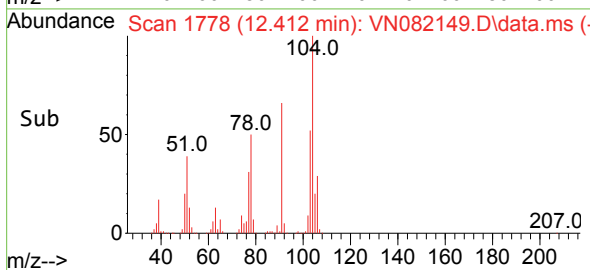
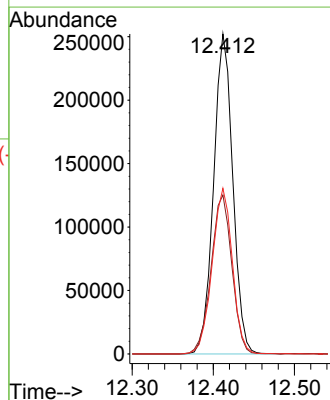
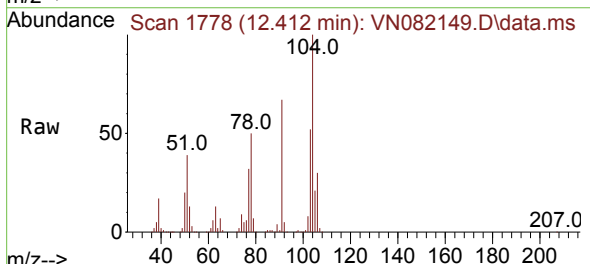
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

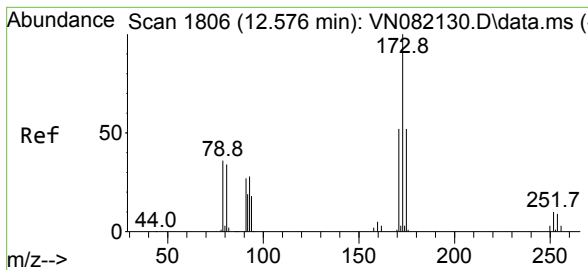
Tgt Ion:106 Resp: 240616
Ion Ratio Lower Upper
106 100
91 222.7 104.7 314.1



#70
Styrene
Concen: 53.515 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion:104 Resp: 414335
Ion Ratio Lower Upper
104 100
78 54.0 38.6 58.0
103 54.7 43.8 65.6

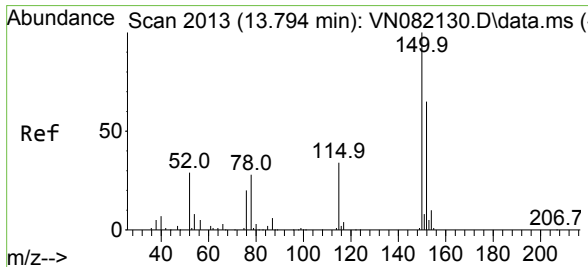
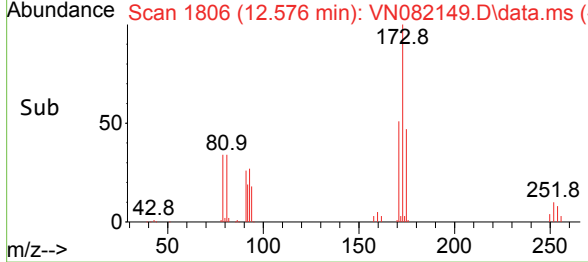
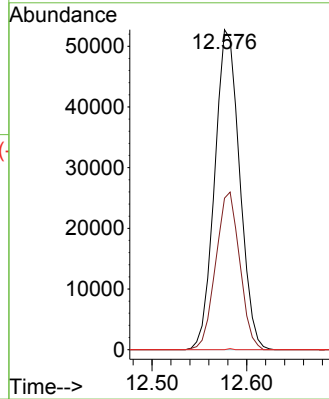
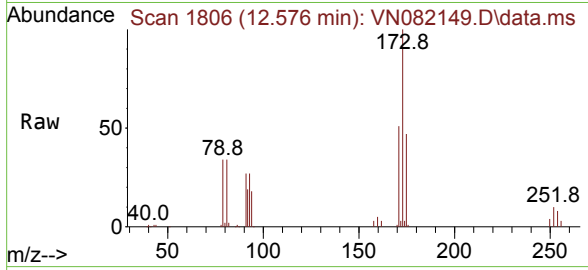




#71
Bromoform
Concen: 50.097 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

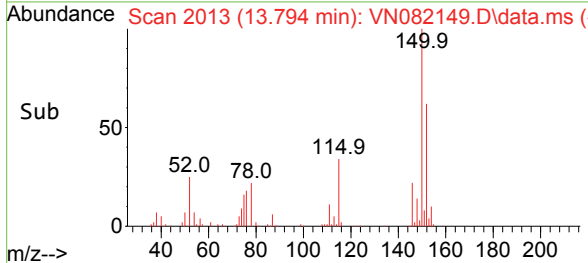
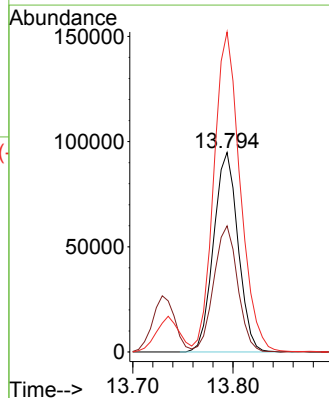
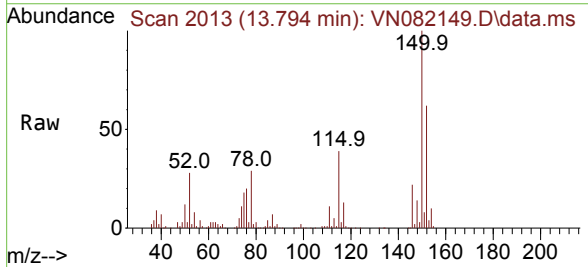
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

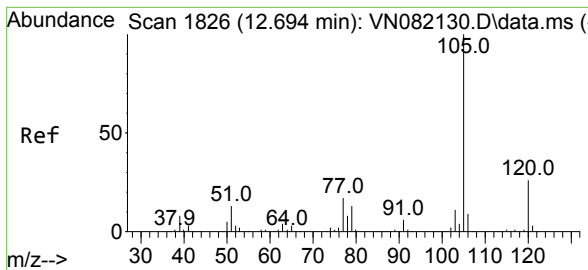
Tgt Ion:173 Resp: 96331
Ion Ratio Lower Upper
173 100
175 47.4 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion:152 Resp: 160435
Ion Ratio Lower Upper
152 100
115 62.0 30.4 91.3
150 171.9 0.0 353.2

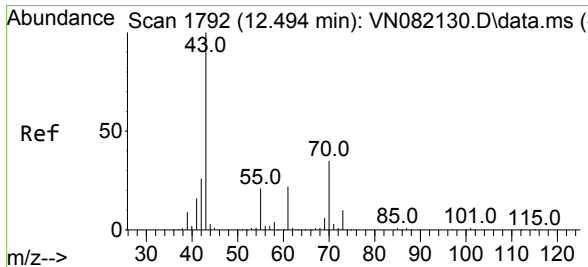
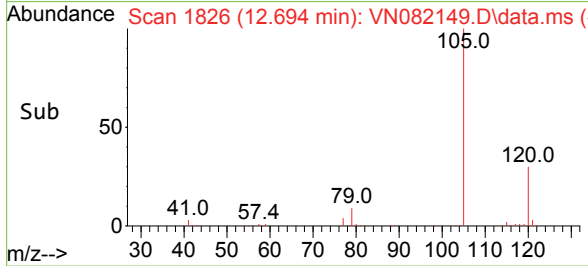
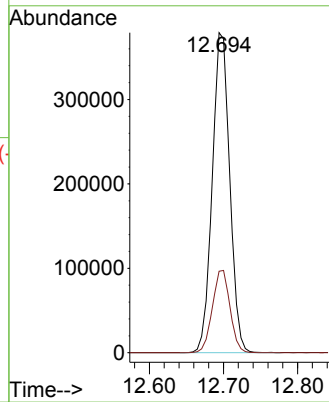
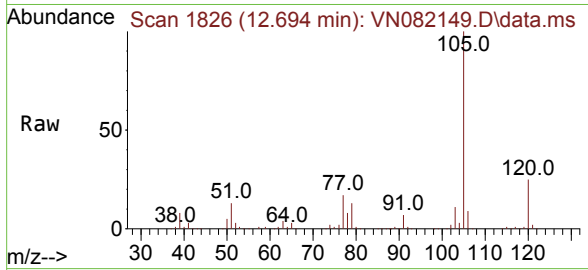




#73
Isopropylbenzene
Concen: 48.615 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

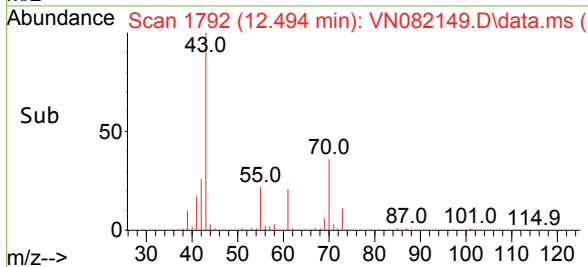
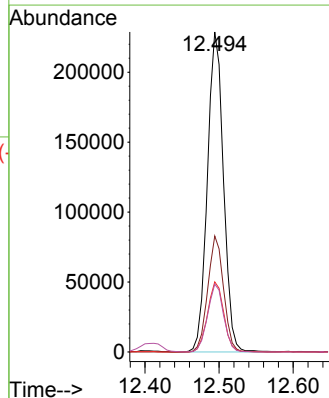
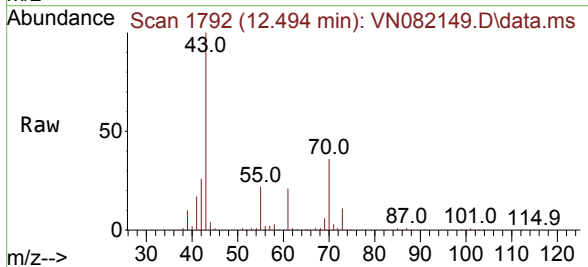
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

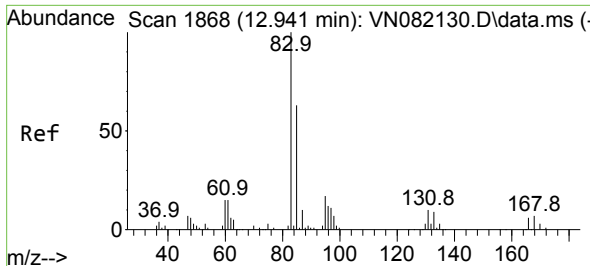
Tgt Ion:105 Resp: 619631
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1



#74
N-ethyl acetate
Concen: 49.249 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 43 Resp: 345276
Ion Ratio Lower Upper
43 100
70 35.6 39.0 58.4#
55 22.1 21.3 31.9
61 21.1 20.5 30.7

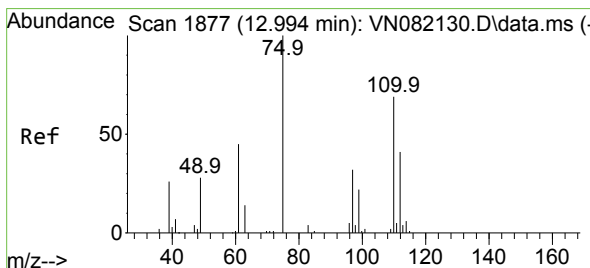
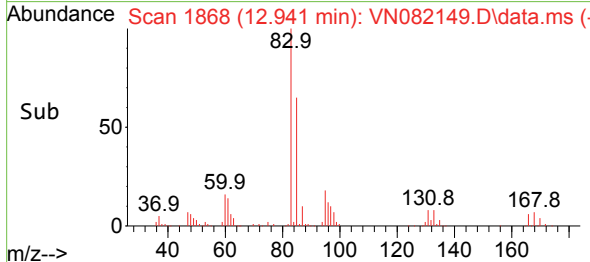
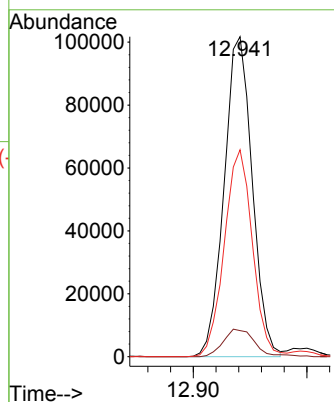
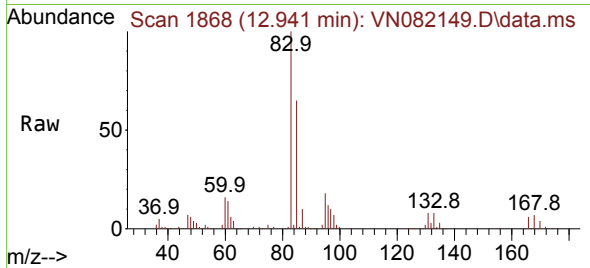




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.605 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN082149.D
 Acq: 16 May 2024 09:49

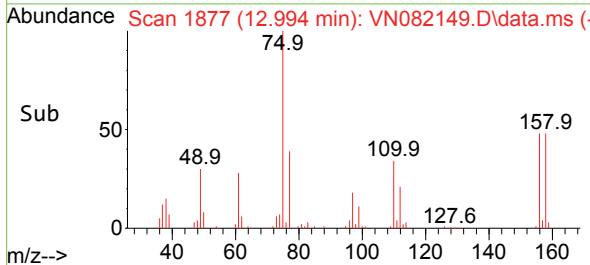
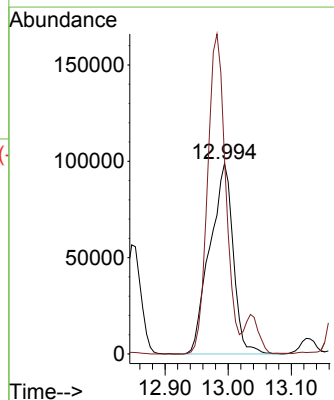
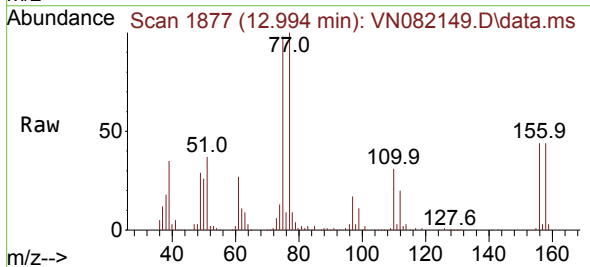
Instrument :
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 VSTDCCC050

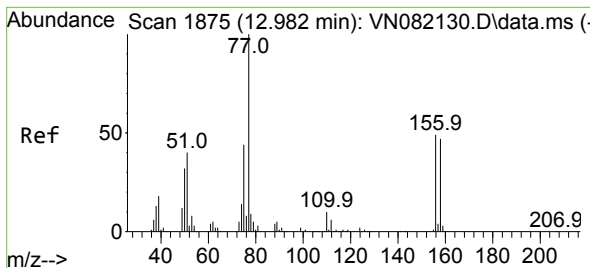
Tgt Ion: 83 Resp: 174905
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.5 16.4
 85 64.6 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 75.317 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN082149.D
 Acq: 16 May 2024 09:49

Tgt Ion: 75 Resp: 254330
 Ion Ratio Lower Upper
 75 100
 77 129.7 90.5 271.3





#77

Bromobenzene

Concen: 47.583 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

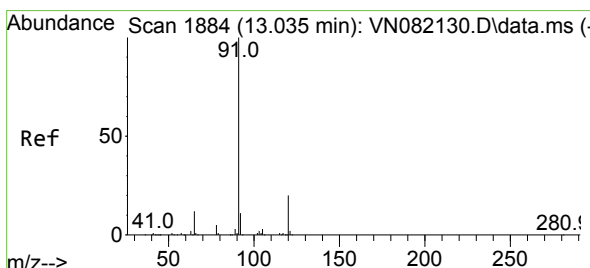
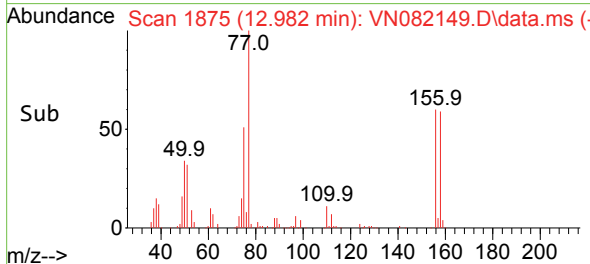
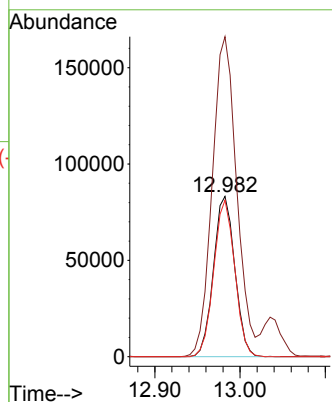
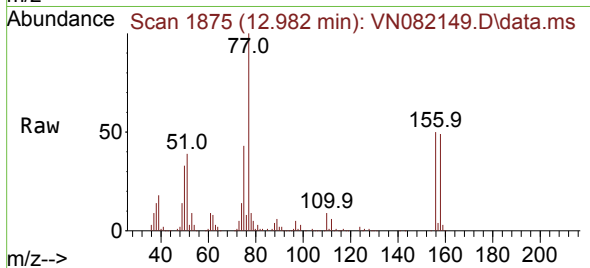
Tgt Ion:156 Resp: 144532

Ion Ratio Lower Upper

156 100

77 228.3 100.2 300.6

158 96.1 49.1 147.3



#78

n-propylbenzene

Concen: 50.275 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082149.D

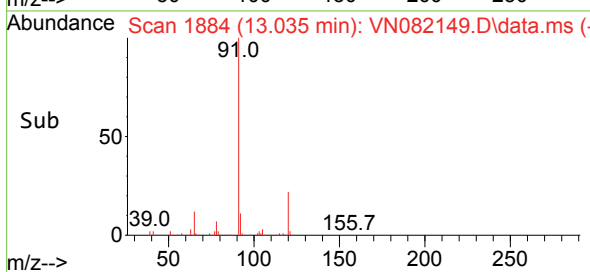
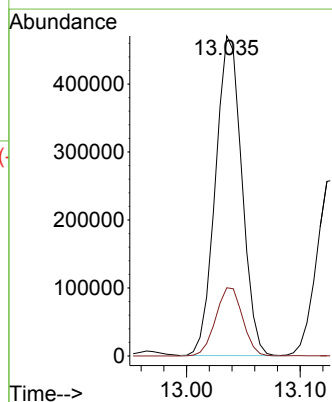
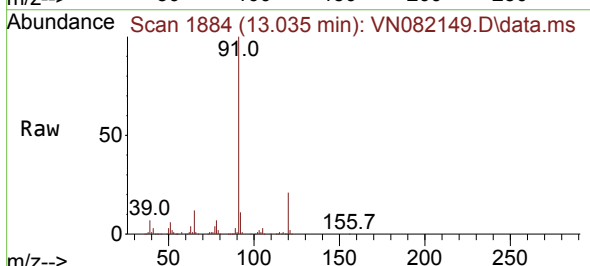
Acq: 16 May 2024 09:49

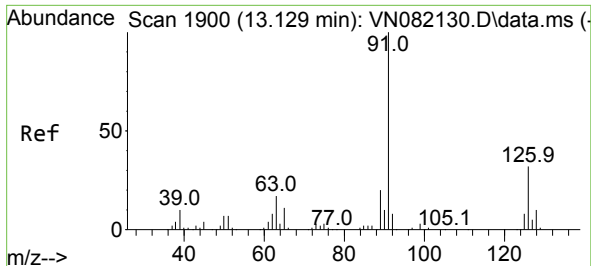
Tgt Ion: 91 Resp: 758802

Ion Ratio Lower Upper

91 100

120 21.8 11.7 35.0

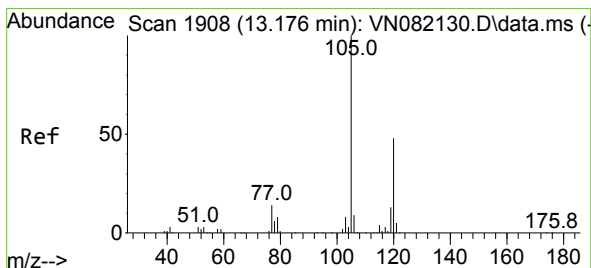
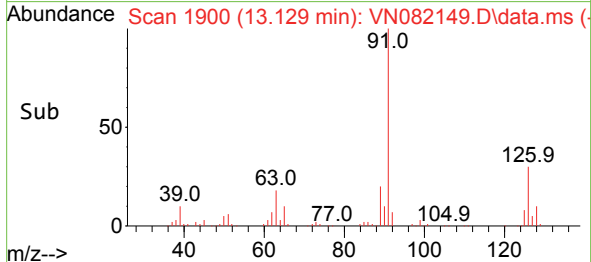
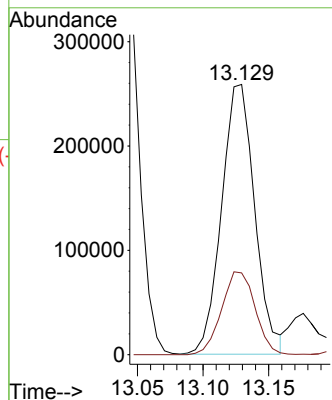
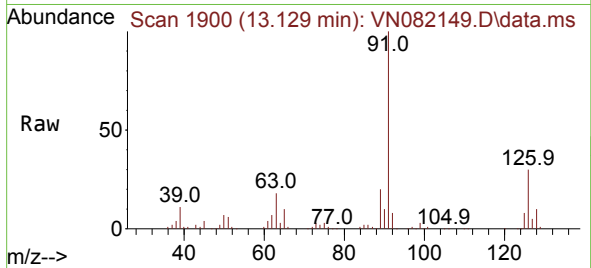




#79
2-Chlorotoluene
Concen: 47.998 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

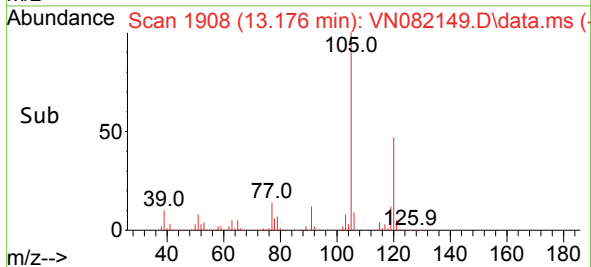
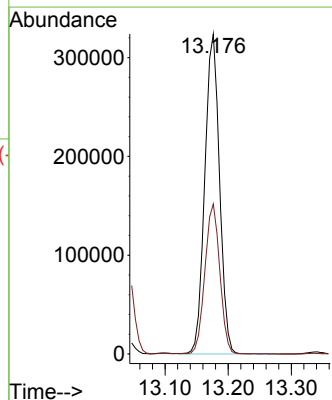
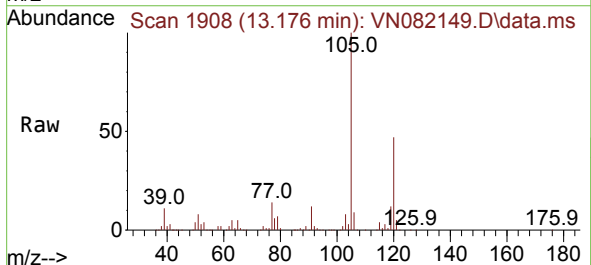
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

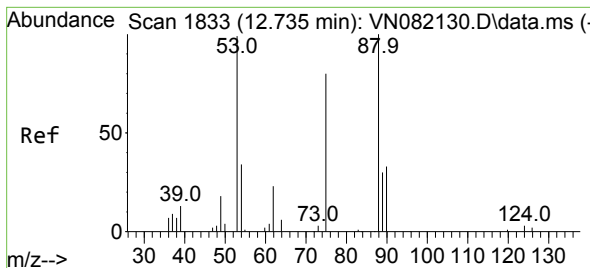
Tgt Ion: 91 Resp: 454896
Ion Ratio Lower Upper
91 100
126 31.1 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 50.999 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion:105 Resp: 525601
Ion Ratio Lower Upper
105 100
120 47.3 24.8 74.3

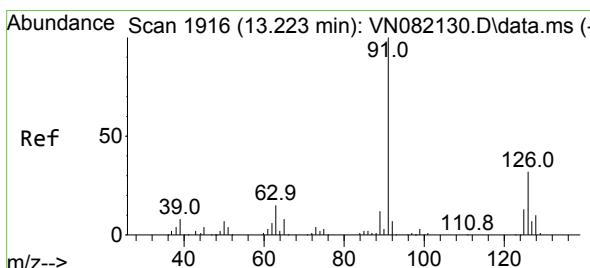
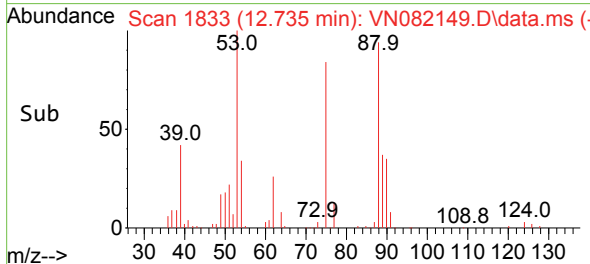
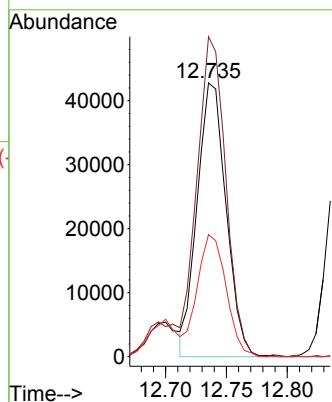
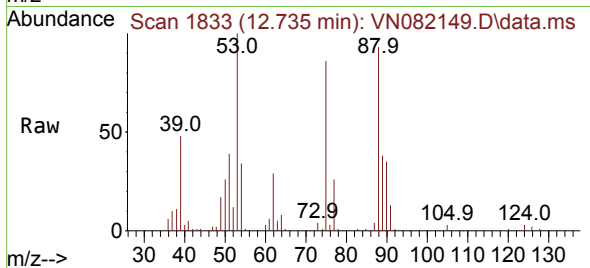




#81
trans-1,4-Dichloro-2-butene
Concen: 48.942 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

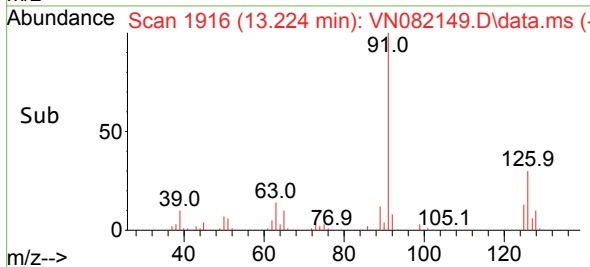
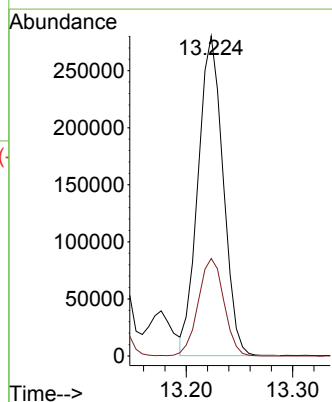
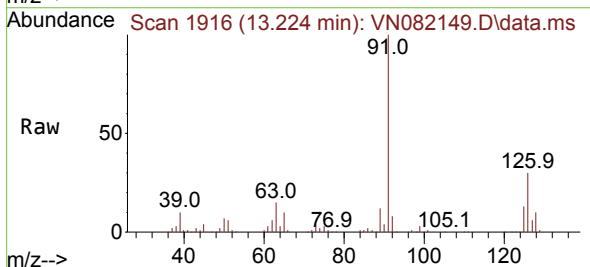
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

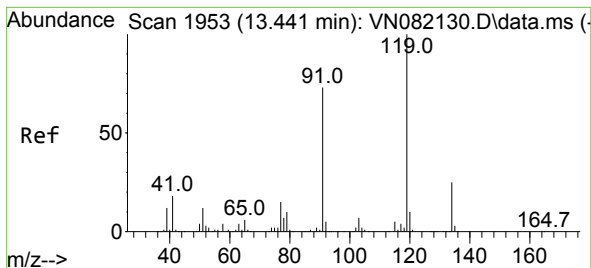
Tgt Ion: 75 Resp: 70658
Ion Ratio Lower Upper
75 100
53 120.8 72.9 109.3#
89 44.9 39.1 58.7



#82
4-Chlorotoluene
Concen: 49.446 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 91 Resp: 458182
Ion Ratio Lower Upper
91 100
126 31.3 17.4 52.3

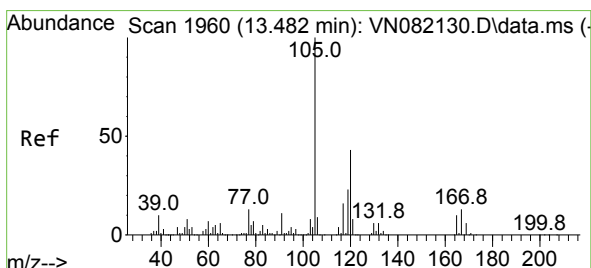
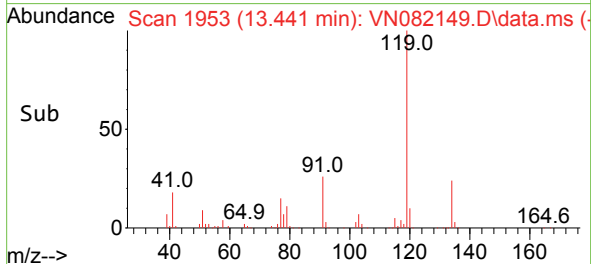
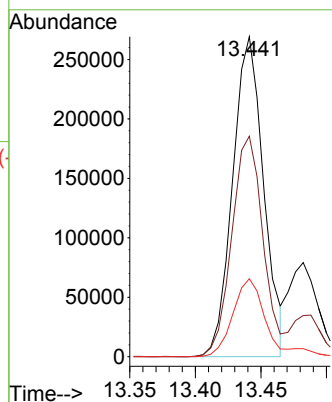
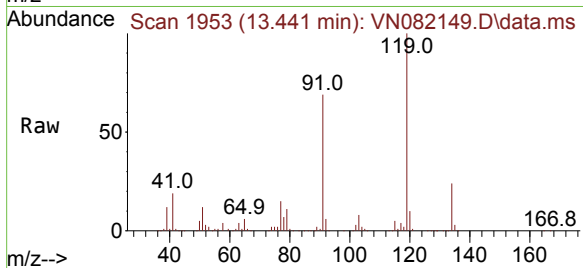




#83
tert-Butylbenzene
Concen: 49.053 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

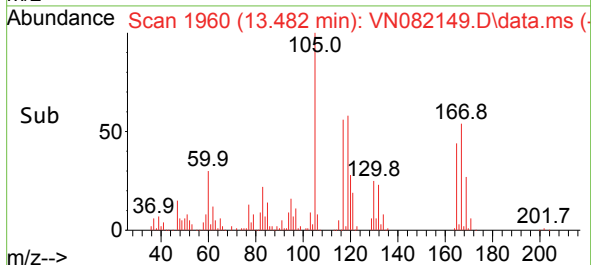
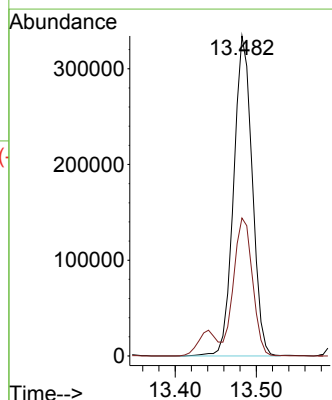
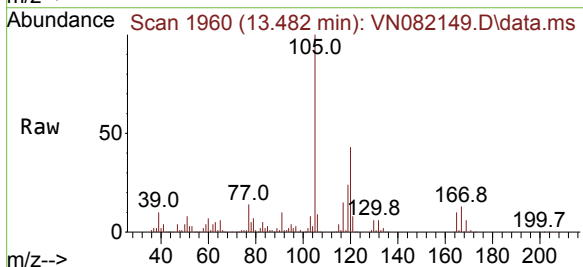
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

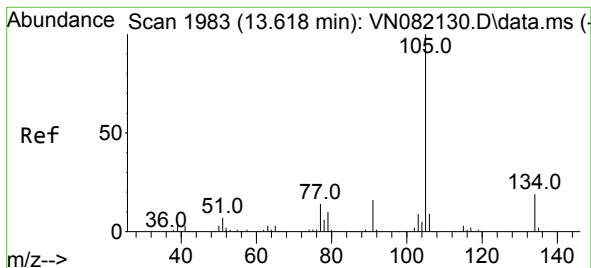
Tgt Ion:119 Resp: 442271
Ion Ratio Lower Upper
119 100
91 70.8 32.6 97.8
134 26.3 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 50.291 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion:105 Resp: 530270
Ion Ratio Lower Upper
105 100
120 43.4 22.9 68.7





#85

sec-Butylbenzene

Concen: 50.451 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

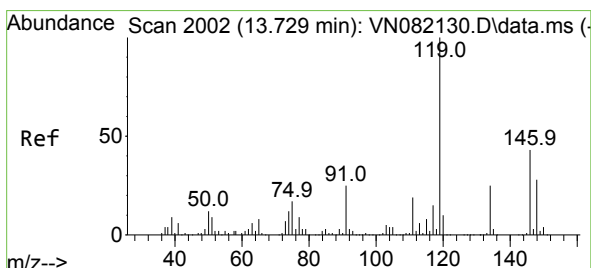
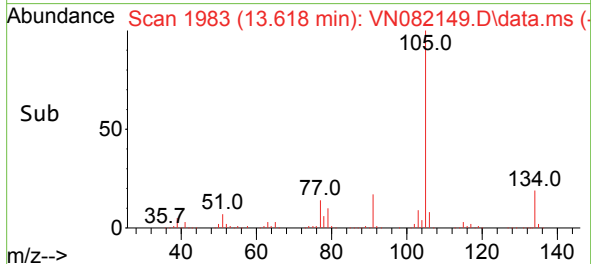
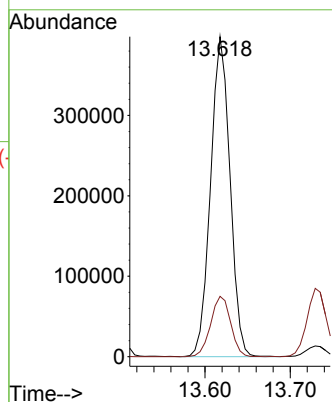
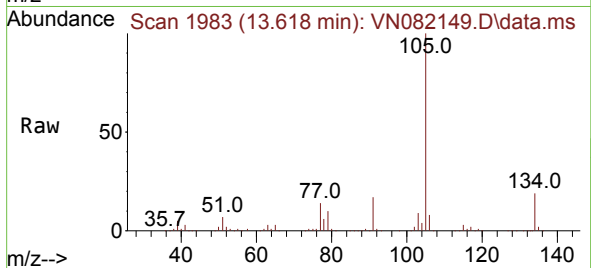
VSTDCCC050

Tgt Ion:105 Resp: 630502

Ion Ratio Lower Upper

105 100

134 19.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.654 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

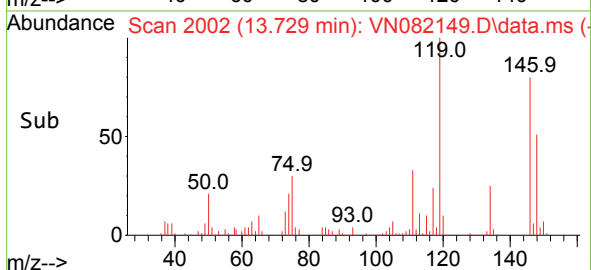
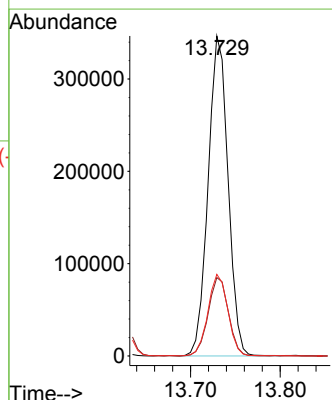
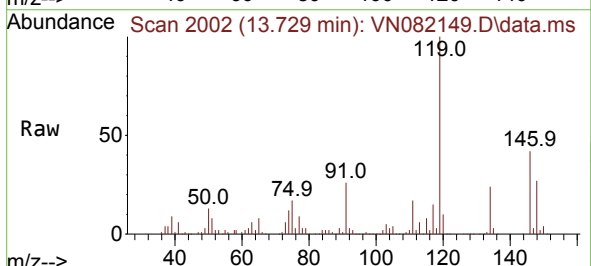
Tgt Ion:119 Resp: 534787

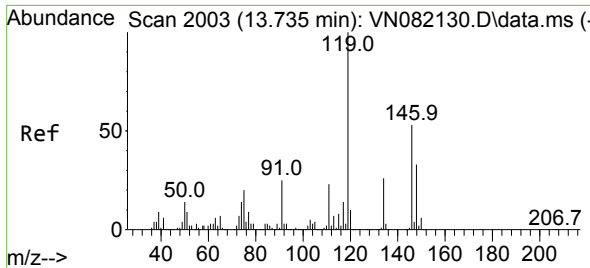
Ion Ratio Lower Upper

119 100

134 25.0 13.2 39.5

91 25.3 11.8 35.3

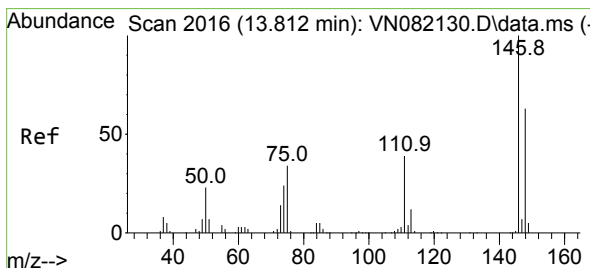
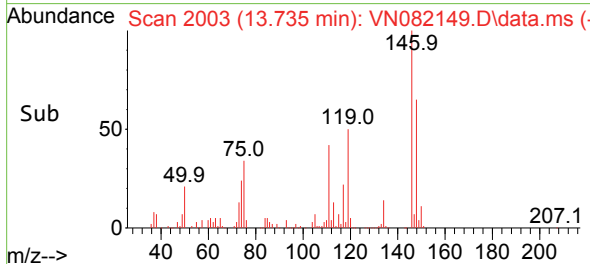
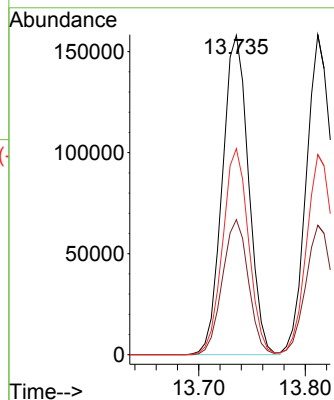
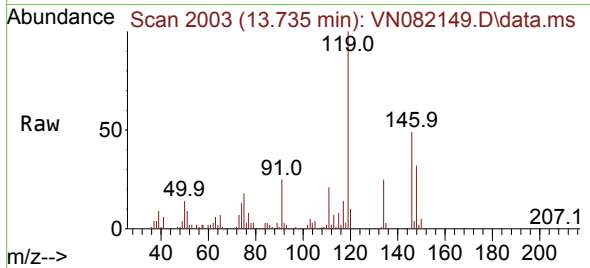




#87
 1,3-Dichlorobenzene
 Concen: 49.046 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082149.D
 Acq: 16 May 2024 09:49

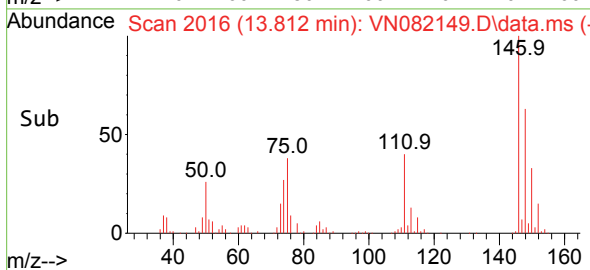
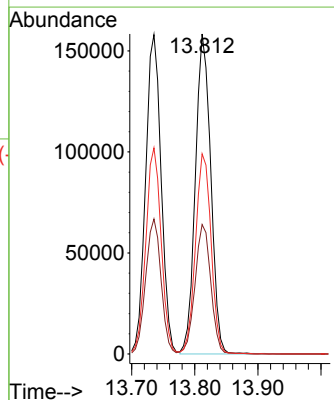
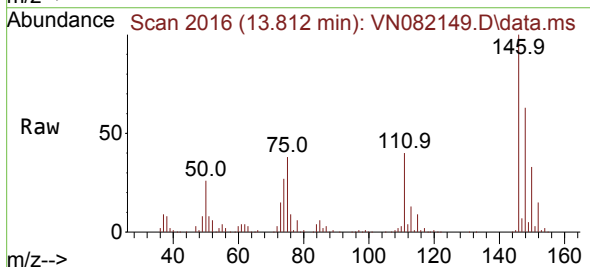
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

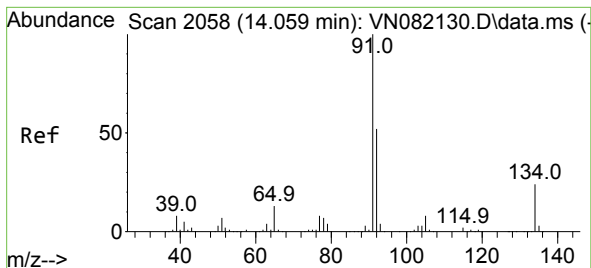
Tgt Ion:146 Resp: 269901
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.5
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.813 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN082149.D
 Acq: 16 May 2024 09:49

Tgt Ion:146 Resp: 268542
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.3 57.9
 148 63.2 31.3 93.9

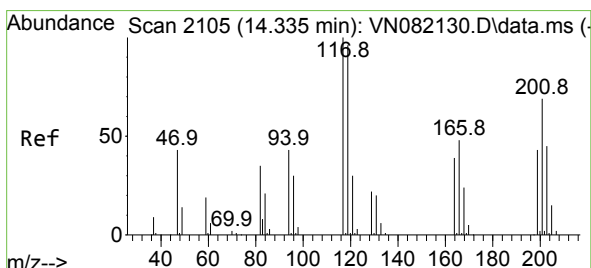
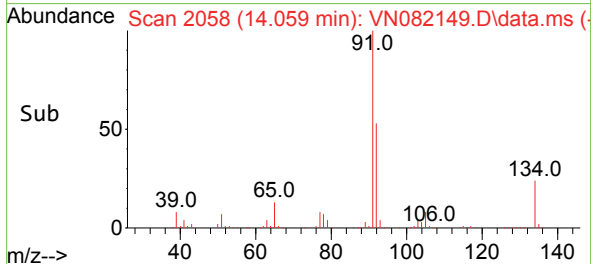
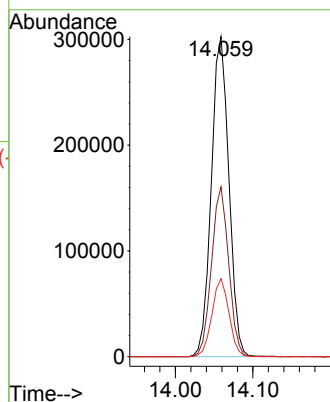
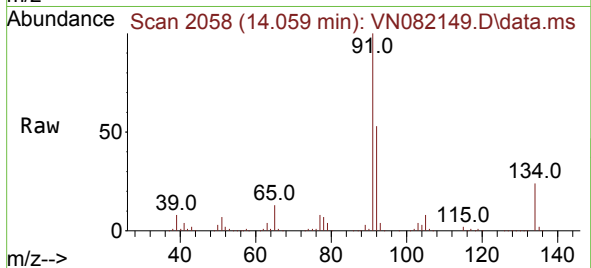




#89
n-Butylbenzene
Concen: 52.159 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

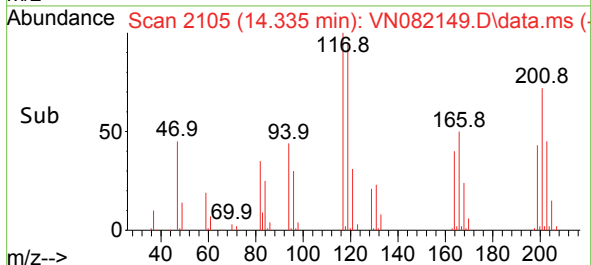
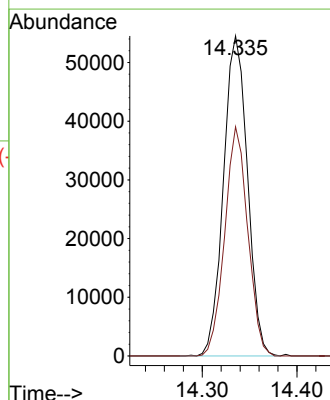
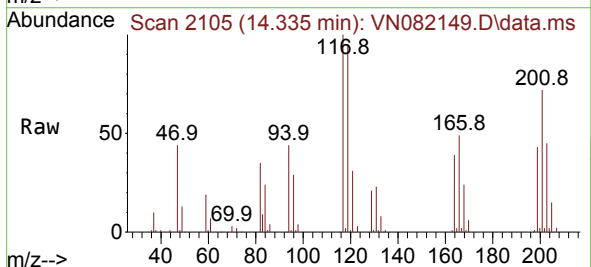
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

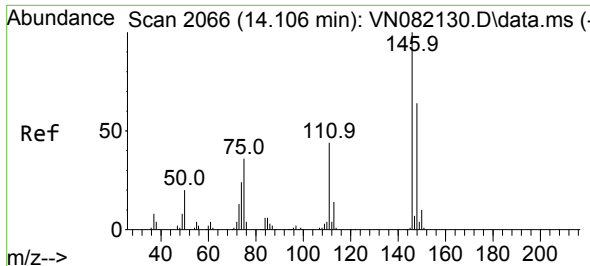
Tgt Ion: 91 Resp: 476153
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.5
134 23.6 13.2 39.5



#90
Hexachloroethane
Concen: 51.058 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 117 Resp: 96080
Ion Ratio Lower Upper
117 100
201 68.7 33.3 99.8

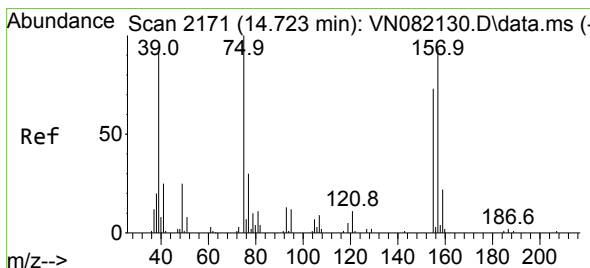
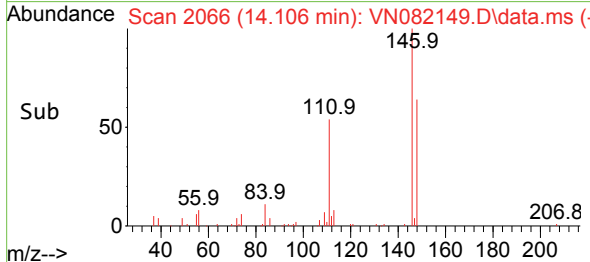
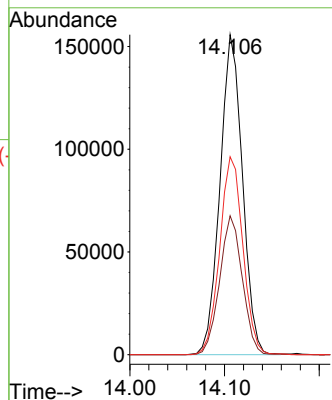
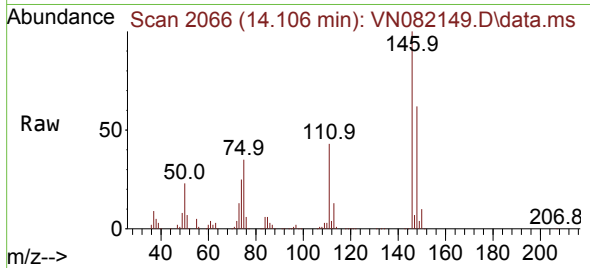




#91
1,2-Dichlorobenzene
Concen: 49.314 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

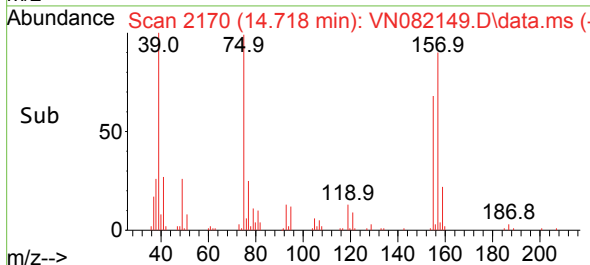
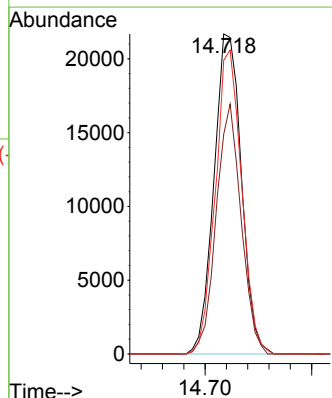
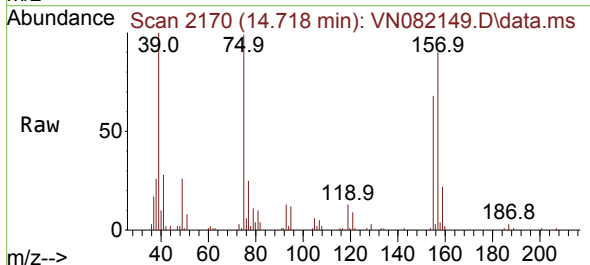
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

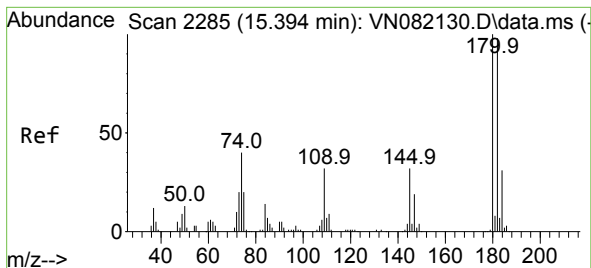
Tgt Ion:146 Resp: 256875
Ion Ratio Lower Upper
146 100
111 43.9 21.3 64.0
148 63.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.194 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082149.D
Acq: 16 May 2024 09:49

Tgt Ion: 75 Resp: 38645
Ion Ratio Lower Upper
75 100
155 71.3 42.6 128.0
157 91.4 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 50.065 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

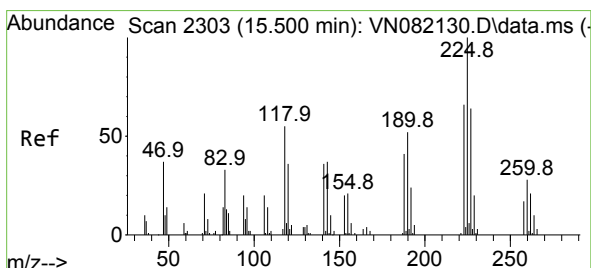
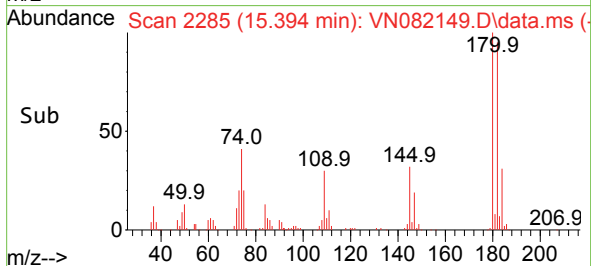
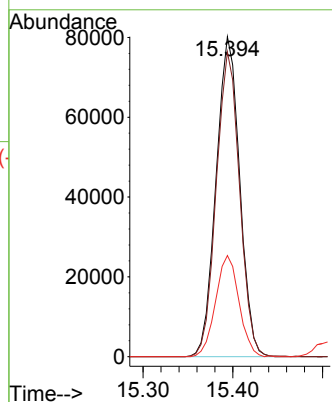
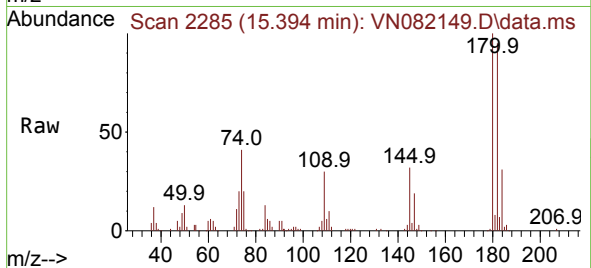
Tgt Ion:180 Resp: 146180

Ion Ratio Lower Upper

180 100

182 94.1 46.7 140.0

145 31.4 16.2 48.6



#94

Hexachlorobutadiene

Concen: 46.854 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

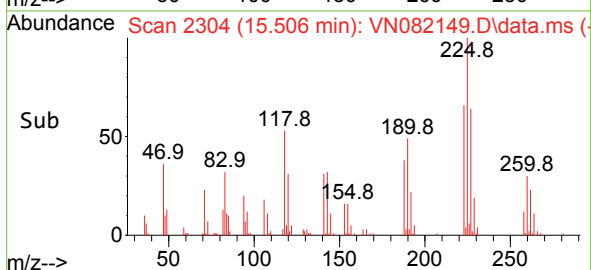
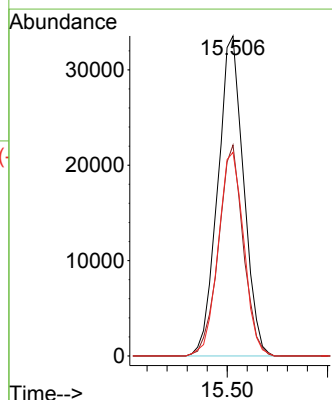
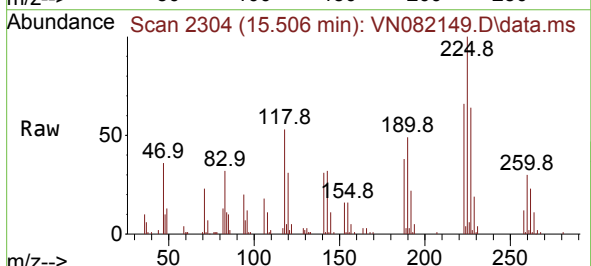
Tgt Ion:225 Resp: 60029

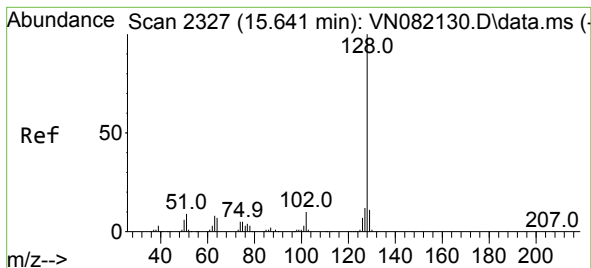
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.2

227 63.0 30.6 91.6





#95

Naphthalene

Concen: 51.593 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

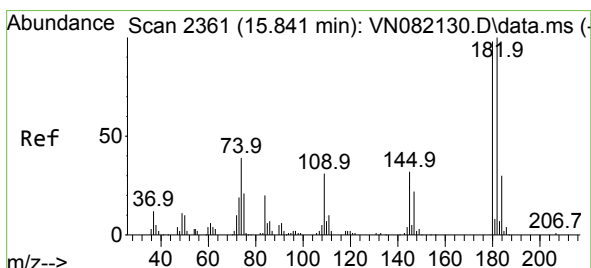
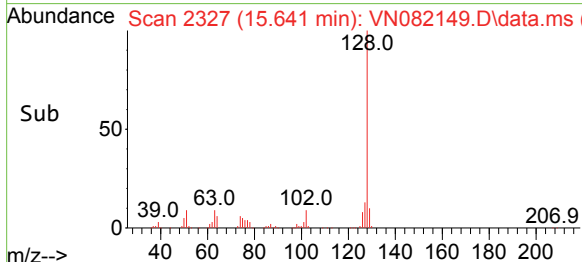
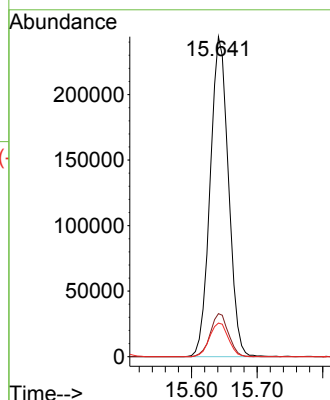
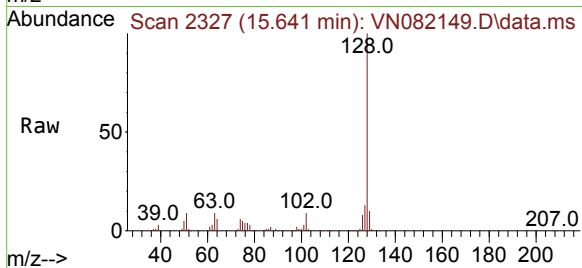
Tgt Ion:128 Resp: 472085

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.237 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082149.D

Acq: 16 May 2024 09:49

Tgt Ion:180 Resp: 143918

Ion Ratio Lower Upper

180 100

182 95.0 46.0 137.8

145 33.8 17.1 51.3

