

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082147.D
 Acq On : 15 May 2024 21:37
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 16 05:53:51 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	8.230	168	188860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	325934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	155367	52.099	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.200%
35) Dibromofluoromethane	8.165	113	102772	51.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	10.571	98	394859	51.367	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.853	95	145034	52.861	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	105.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	134767	49.494	ug/l	99
3) Chloromethane	2.360	50	153420	49.717	ug/l	100
4) Vinyl Chloride	2.518	62	146044	50.342	ug/l	98
5) Bromomethane	2.954	94	78528	47.094	ug/l	98
6) Chloroethane	3.124	64	94185	49.721	ug/l	99
7) Trichlorofluoromethane	3.501	101	187337	49.315	ug/l	100
8) Diethyl Ether	3.959	74	72430	53.521	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.377	101	105069	47.347	ug/l	98
10) Methyl Iodide	4.595	142	123883	55.532	ug/l	95
11) Tert butyl alcohol	5.518	59	124218	259.490	ug/l	98
12) 1,1-Dichloroethene	4.342	96	102989	49.932	ug/l #	78
13) Acrolein	4.177	56	93806	264.440	ug/l	97
14) Allyl chloride	5.024	41	218546	49.490	ug/l #	90
15) Acrylonitrile	5.718	53	326085	263.019	ug/l	99
16) Acetone	4.424	43	291766	238.502	ug/l	92
17) Carbon Disulfide	4.712	76	313719	47.093	ug/l	99
18) Methyl Acetate	5.024	43	152679	50.115	ug/l #	85
19) Methyl tert-butyl Ether	5.795	73	401852	53.302	ug/l	94
20) Methylene Chloride	5.271	84	122291	49.547	ug/l #	76
21) trans-1,2-Dichloroethene	5.789	96	111035	49.400	ug/l #	80
22) Diisopropyl ether	6.677	45	487554	52.873	ug/l #	93
23) Vinyl Acetate	6.600	43	1980605	272.428	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	242892	51.104	ug/l	96
25) 2-Butanone	7.483	43	479591	258.573	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	186525	46.854	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	136457	51.442	ug/l	82
28) Bromochloromethane	7.812	49	107414	52.100	ug/l #	74
29) Tetrahydrofuran	7.836	42	316565	265.829	ug/l #	82
30) Chloroform	7.965	83	235718	51.935	ug/l	97
31) Cyclohexane	8.259	56	210121	44.116	ug/l #	83
32) 1,1,1-Trichloroethane	8.165	97	204402	50.763	ug/l	94
36) 1,1-Dichloropropene	8.371	75	167080	49.686	ug/l	95
37) Ethyl Acetate	7.559	43	193863	51.515	ug/l #	93
38) Carbon Tetrachloride	8.365	117	173506	50.900	ug/l	97
39) Methylcyclohexane	9.600	83	183270	49.721	ug/l #	86
40) Benzene	8.606	78	515033	51.362	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	116905	52.821	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	198187	51.389	ug/l	95
43) Isopropyl Acetate	8.688	43	352500	52.862	ug/l #	88
44) Trichloroethene	9.353	130	111757	49.063	ug/l	88
45) 1,2-Dichloropropane	9.624	63	133090	51.441	ug/l	100
46) Dibromomethane	9.712	93	85701	50.454	ug/l	97
47) Bromodichloromethane	9.888	83	188954	52.694	ug/l	97
48) Methyl methacrylate	9.683	41	168502	53.031	ug/l #	82
49) 1,4-Dioxane	9.694	88	46897	1053.287	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	1030331	271.949	ug/l	89
52) Toluene	10.630	92	314849	52.321	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	197864	53.352	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	203929	51.948	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	114184	52.214	ug/l	98
56) Ethyl methacrylate	10.877	69	207069	55.772	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	213056	52.107	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	530041	276.774	ug/l	89
59) 2-Hexanone	11.194	43	755336	272.281	ug/l	89
60) Dibromochloromethane	11.359	129	131585	54.524	ug/l	98
61) 1,2-Dibromoethane	11.471	107	115464	51.405	ug/l	100
64) Tetrachloroethene	11.106	164	106295	47.726	ug/l	95
65) Chlorobenzene	11.894	112	329299	49.606	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	114389	52.314	ug/l	99
67) Ethyl Benzene	11.965	91	605111	50.957	ug/l	97
68) m/p-Xylenes	12.071	106	444497	102.131	ug/l	91
69) o-Xylene	12.400	106	217261	51.534	ug/l	91
70) Styrene	12.412	104	375667	53.647	ug/l	96
71) Bromoform	12.576	173	87776	50.466	ug/l #	99
73) Isopropylbenzene	12.694	105	561733	50.258	ug/l	97
74) N-amyl acetate	12.494	43	315862	51.377	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	162927	50.569	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	226468	76.479	ug/l	67
77) Bromobenzene	12.982	156	132160	49.617	ug/l	87
78) n-propylbenzene	13.035	91	671496	50.735	ug/l	96
79) 2-Chlorotoluene	13.124	91	408484	49.150	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	468449	51.833	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	61478	48.560	ug/l #	79
82) 4-Chlorotoluene	13.224	91	409731	50.423	ug/l	94
83) tert-Butylbenzene	13.441	119	399296	50.502	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	480083	51.922	ug/l	96
85) sec-Butylbenzene	13.618	105	560486	51.143	ug/l	97
86) p-Isopropyltoluene	13.729	119	466042	52.326	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	240989	49.939	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	237620	48.246	ug/l	97
89) n-Butylbenzene	14.059	91	404751	50.561	ug/l	98
90) Hexachloroethane	14.335	117	84253	51.057	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	228718	50.072	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	34440	52.027	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	128142	50.047	ug/l	98
94) Hexachlorobutadiene	15.500	225	50305	44.775	ug/l	97
95) Naphthalene	15.641	128	431545	53.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	130851	51.050	ug/l	97

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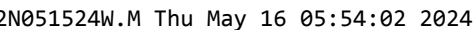
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MSVOA_N
ClientSampleId :
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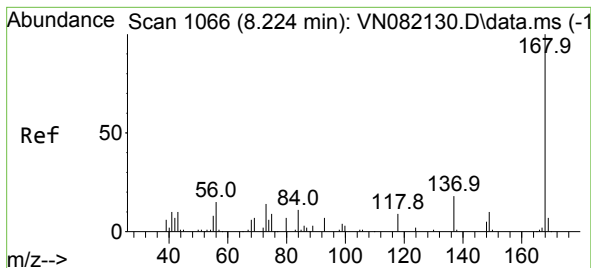
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QLast Update : Thu May 16 05:21:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration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

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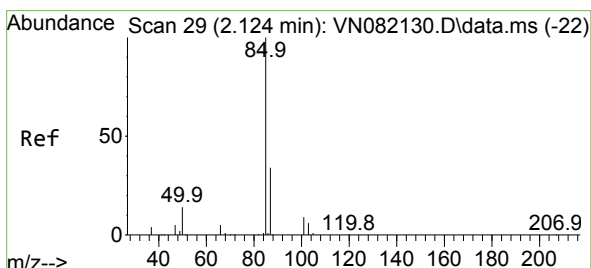
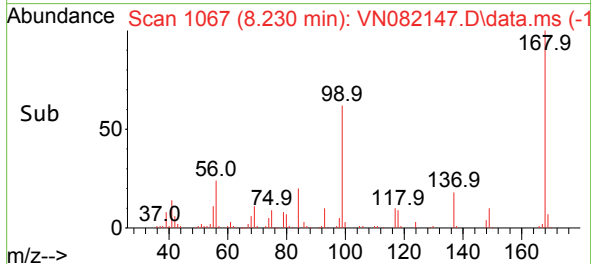
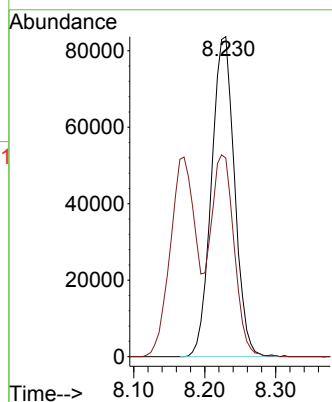
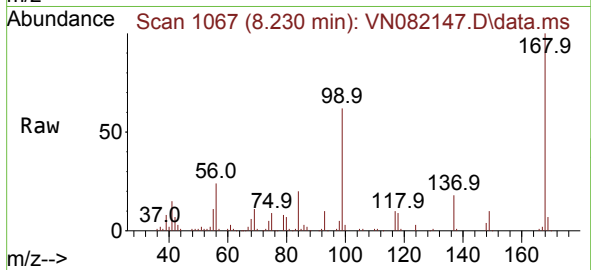




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082147.D
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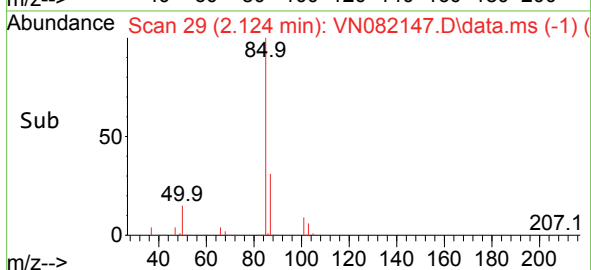
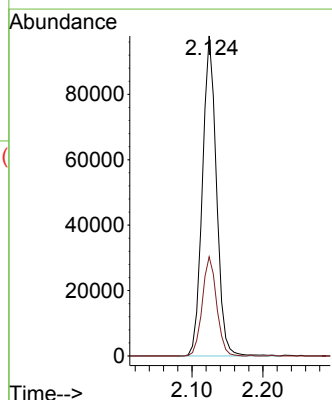
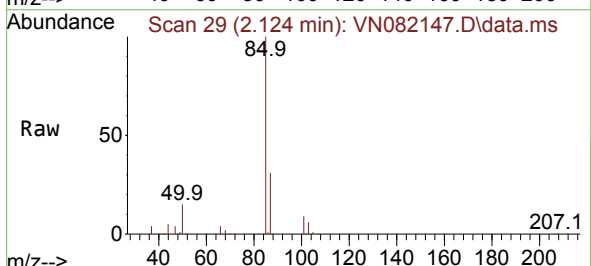
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 188860
Ion Ratio Lower Upper
168 100
99 62.1 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 49.494 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 85 Resp: 134767
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.4

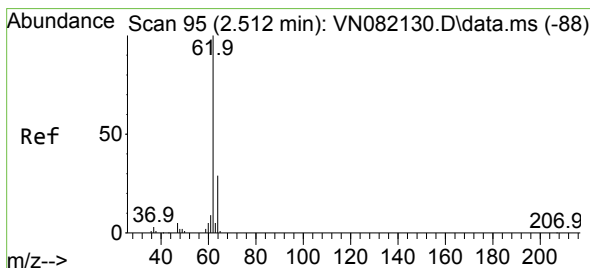
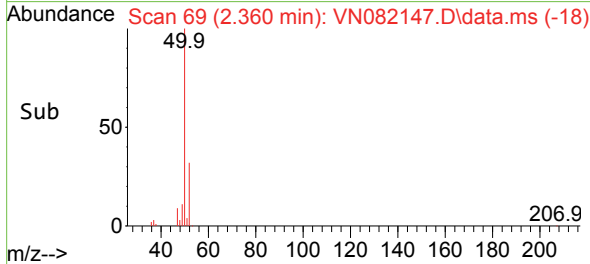
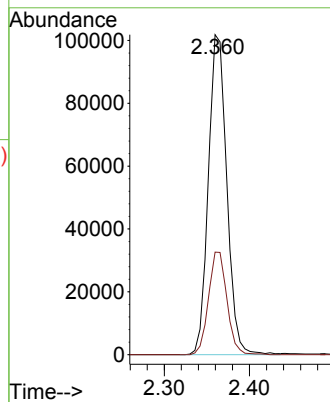
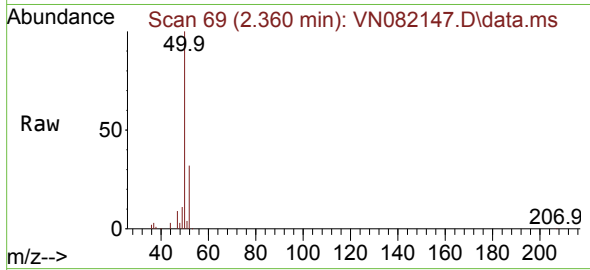




#3
Chloromethane
Concen: 49.717 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

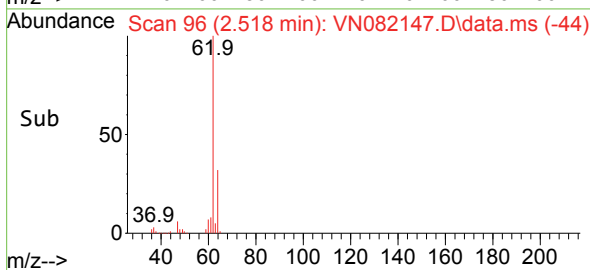
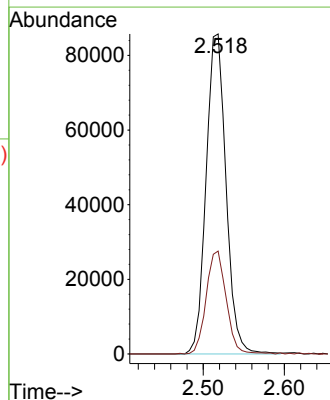
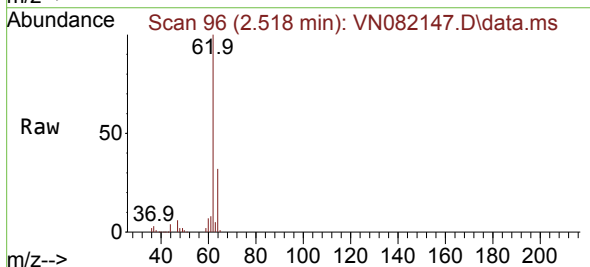
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 153420
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3



#4
Vinyl Chloride
Concen: 50.342 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 62 Resp: 146044
Ion Ratio Lower Upper
62 100
64 32.0 24.6 37.0

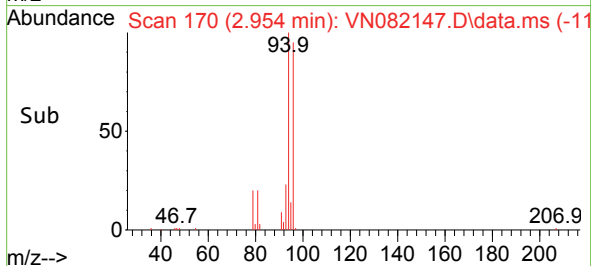
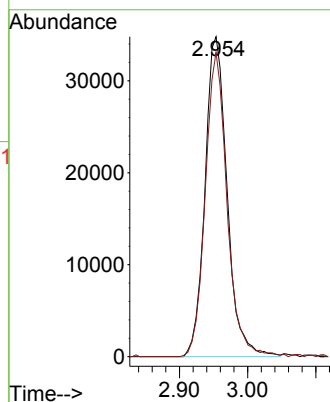
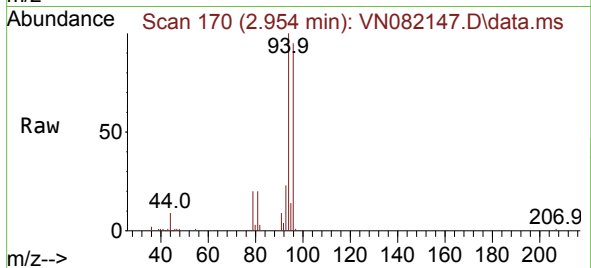




#5
Bromomethane
Concen: 47.094 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

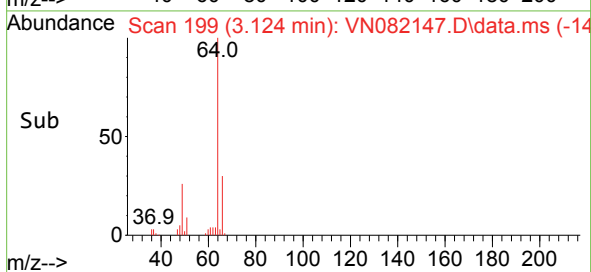
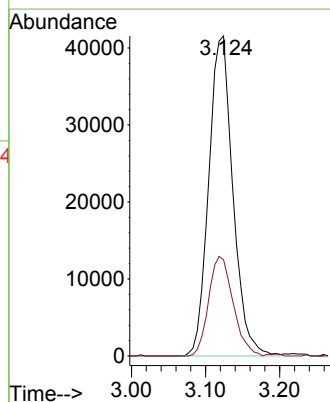
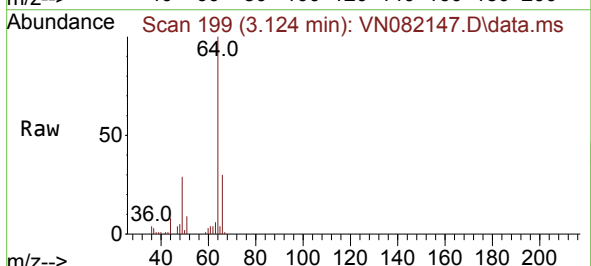
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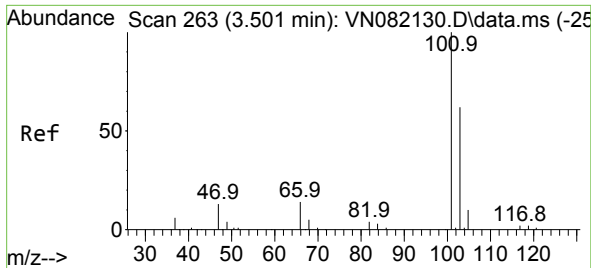
Tgt Ion: 94 Resp: 78528
Ion Ratio Lower Upper
94 100
96 95.1 74.8 112.2



#6
Chloroethane
Concen: 49.721 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 64 Resp: 94185
Ion Ratio Lower Upper
64 100
66 30.1 24.7 37.1

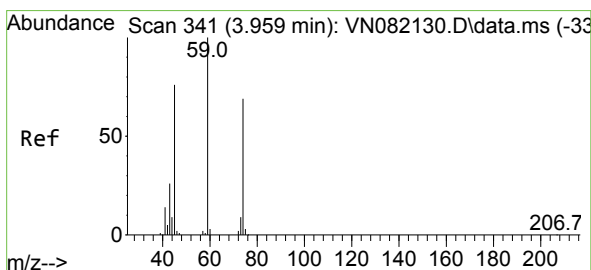
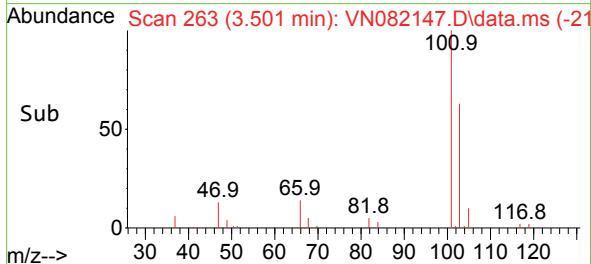
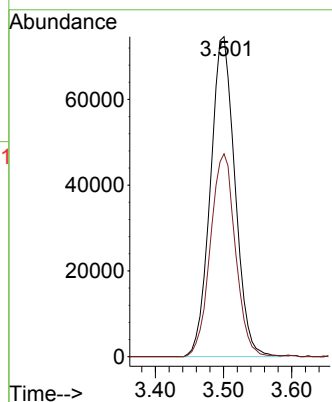
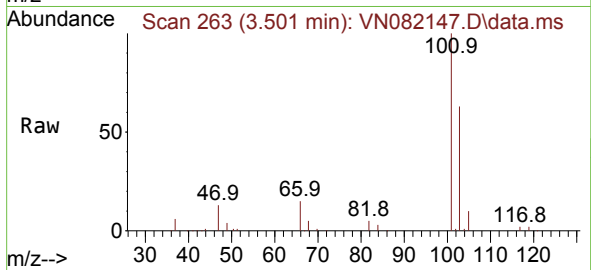




#7
Trichlorofluoromethane
Concen: 49.315 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

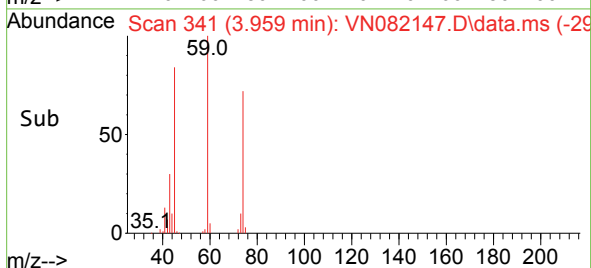
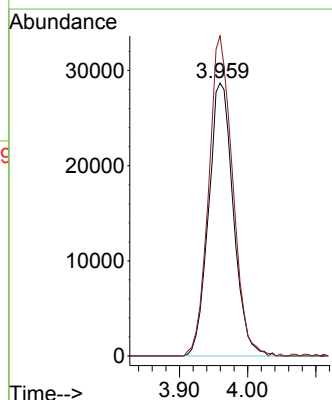
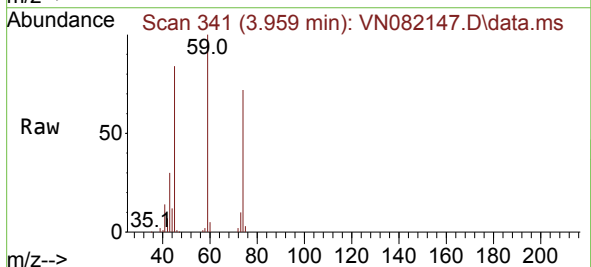
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ClientSampleId :
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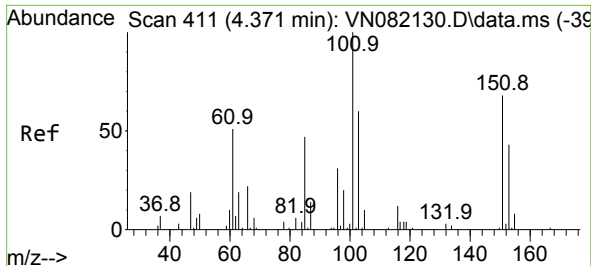
Tgt Ion:101 Resp: 187337
Ion Ratio Lower Upper
101 100
103 63.4 50.6 75.8



#8
Diethyl Ether
Concen: 53.521 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 74 Resp: 72430
Ion Ratio Lower Upper
74 100
45 114.1 42.4 127.3

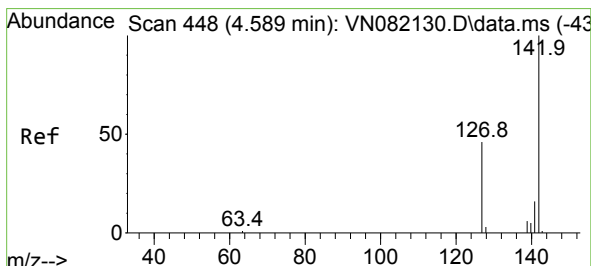
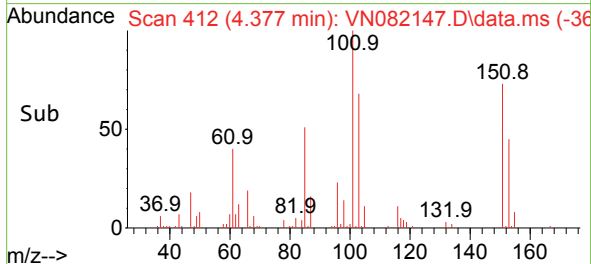
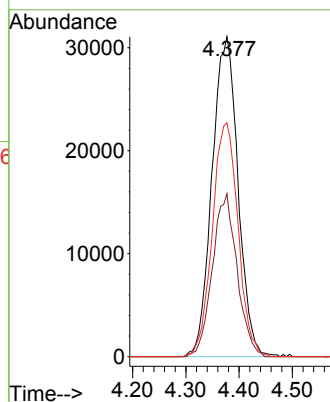
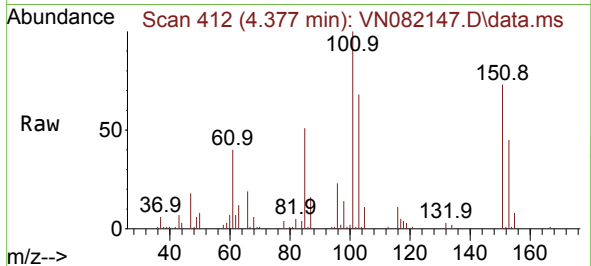




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.347 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

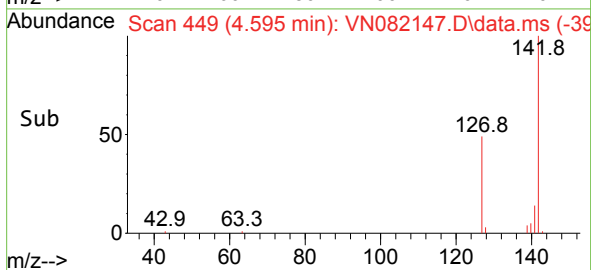
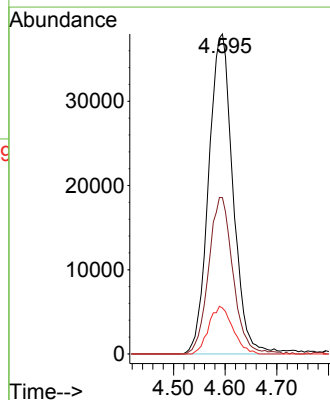
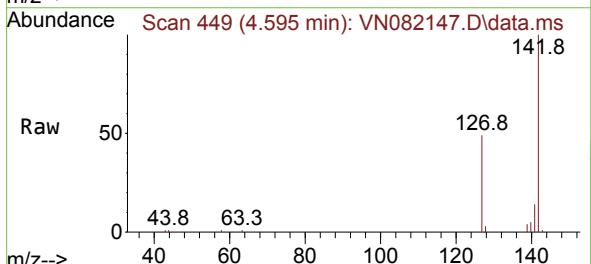
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

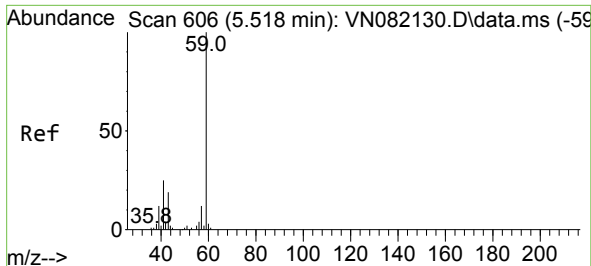
Tgt Ion:101 Resp: 105069
Ion Ratio Lower Upper
101 100
85 48.3 37.3 55.9
151 72.4 59.2 88.8



#10
Methyl Iodide
Concen: 55.532 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion:142 Resp: 123883
Ion Ratio Lower Upper
142 100
127 48.9 35.8 53.6
141 14.3 11.4 17.2

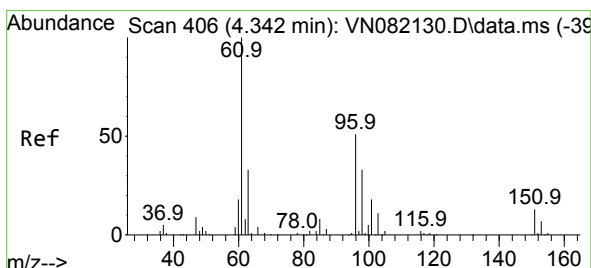
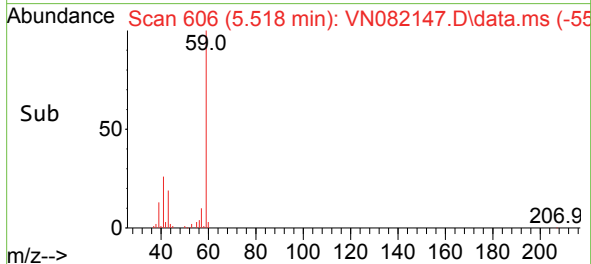
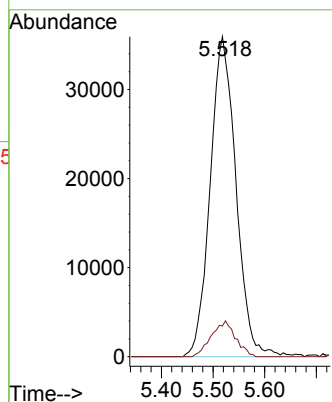
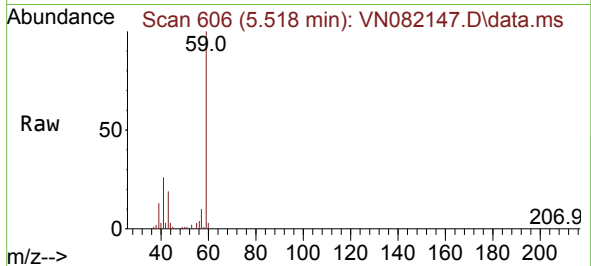




#11
Tert butyl alcohol
Concen: 259.490 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

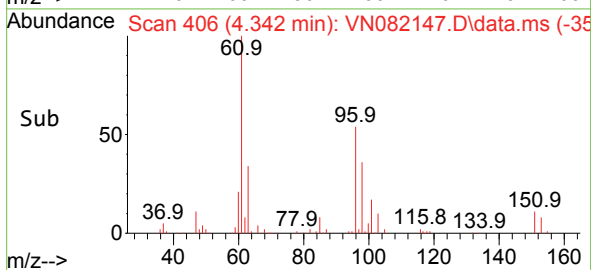
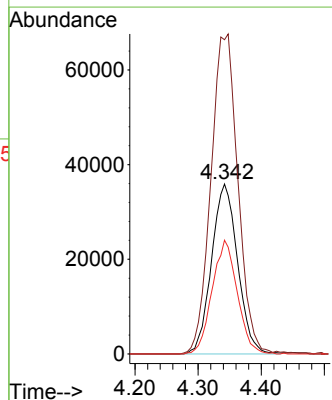
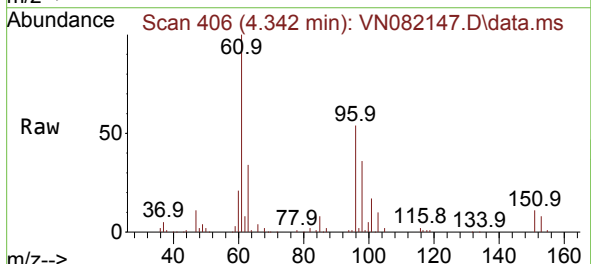
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

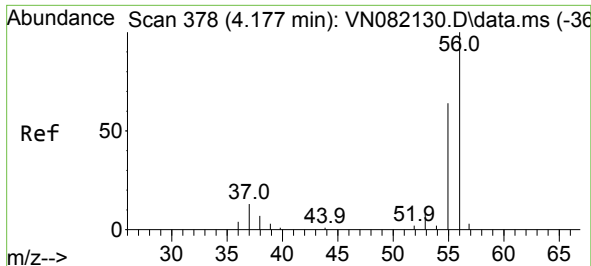
Tgt Ion: 59 Resp: 124218
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3



#12
1,1-Dichloroethene
Concen: 49.932 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 96 Resp: 102989
Ion Ratio Lower Upper
96 100
61 184.9 119.7 179.5#
98 66.9 49.6 74.4

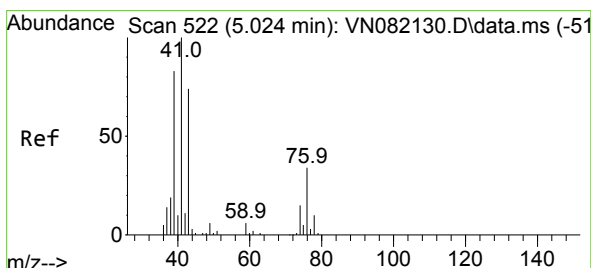
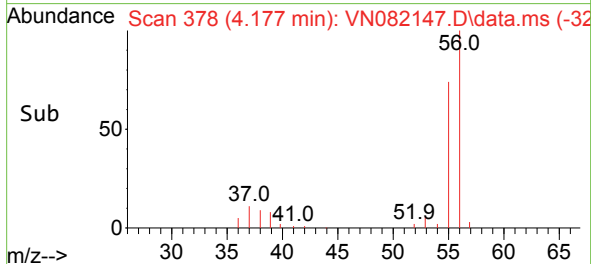
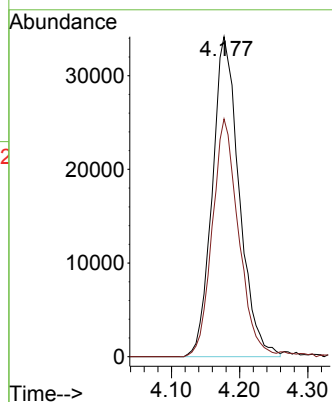
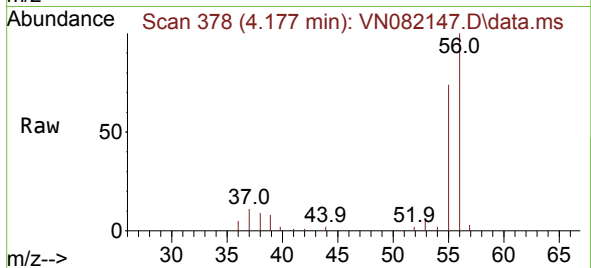




#13
Acrolein
Concen: 264.440 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

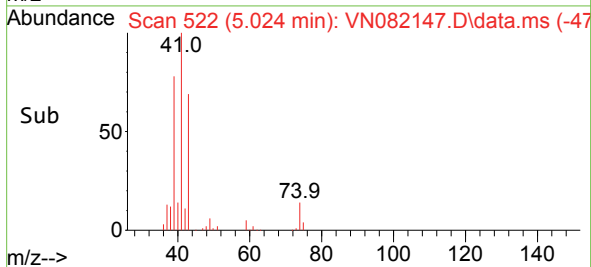
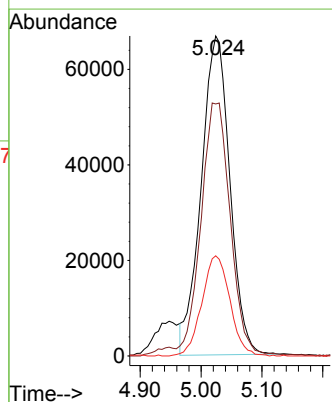
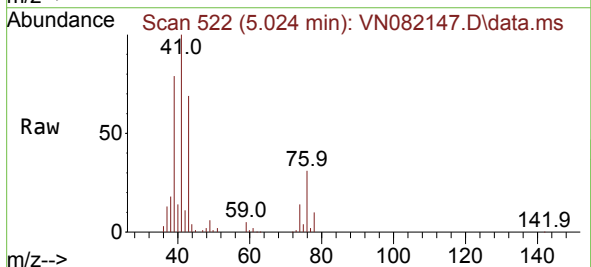
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

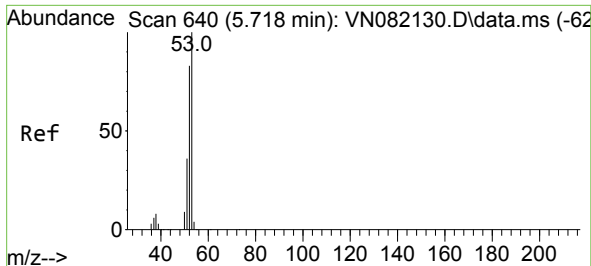
Tgt Ion: 56 Resp: 93806
Ion Ratio Lower Upper
56 100
55 72.6 55.8 83.8



#14
Allyl chloride
Concen: 49.490 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 41 Resp: 218546
Ion Ratio Lower Upper
41 100
39 80.5 65.4 98.0
76 30.7 37.3 55.9#

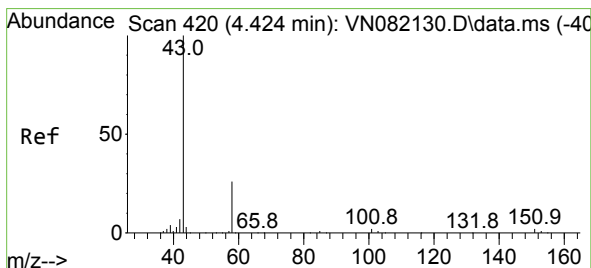
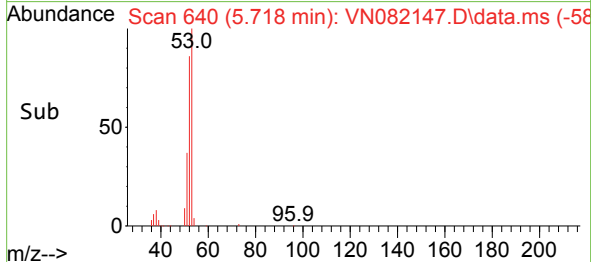
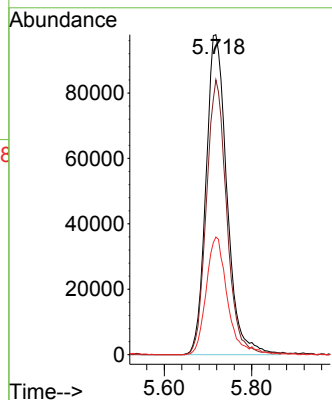
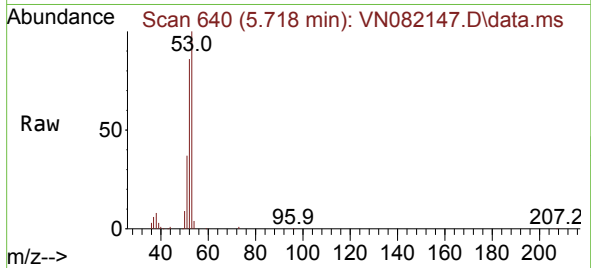




#15
Acrylonitrile
Concen: 263.019 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

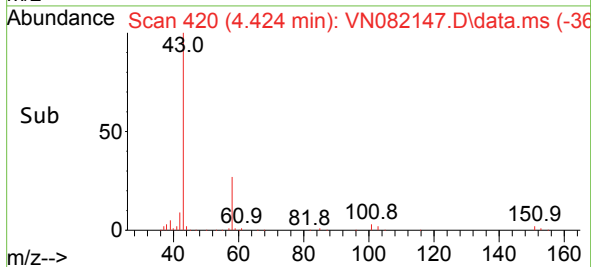
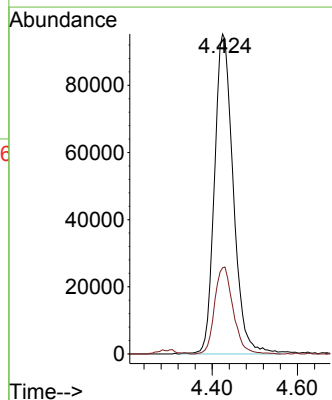
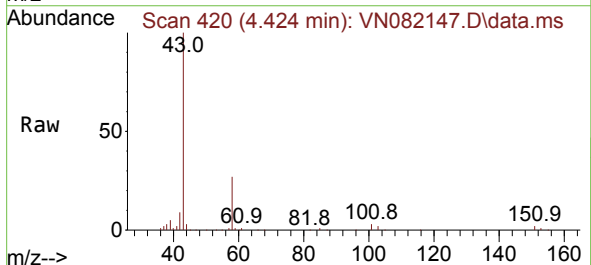
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

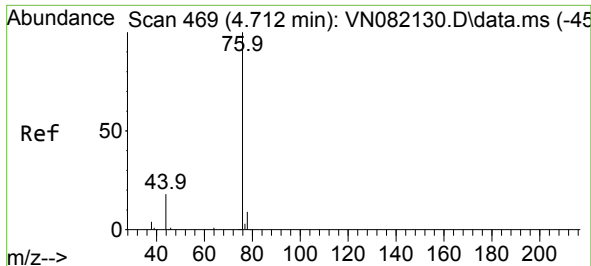
Tgt Ion: 53 Resp: 326085
Ion Ratio Lower Upper
53 100
52 83.6 66.1 99.1
51 37.5 29.4 44.2



#16
Acetone
Concen: 238.502 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 43 Resp: 291766
Ion Ratio Lower Upper
43 100
58 26.9 25.2 37.8

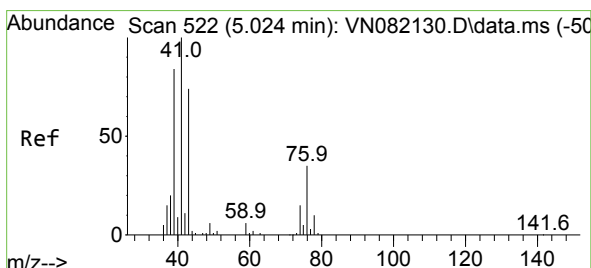
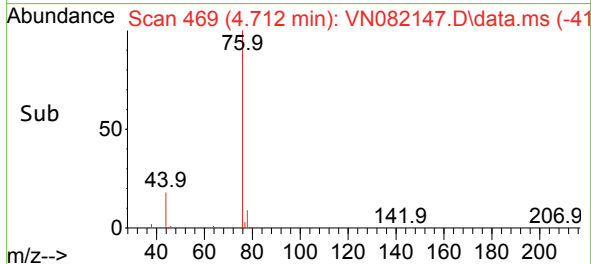
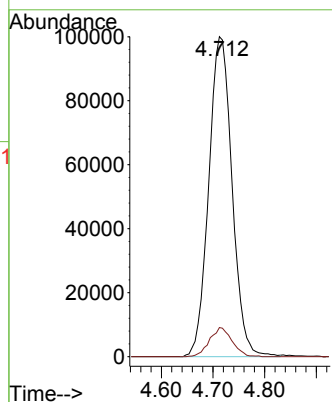
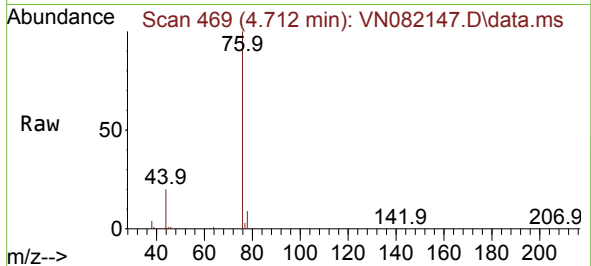




#17
Carbon Disulfide
Concen: 47.093 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

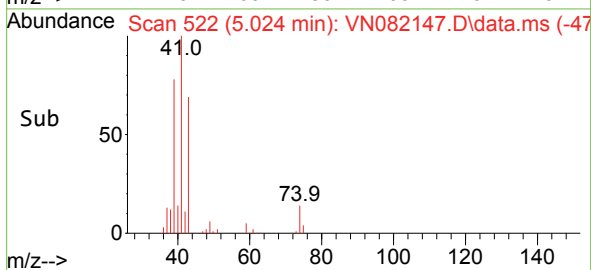
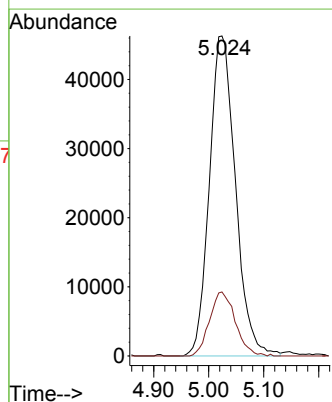
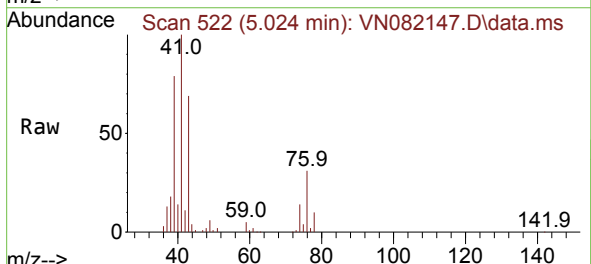
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

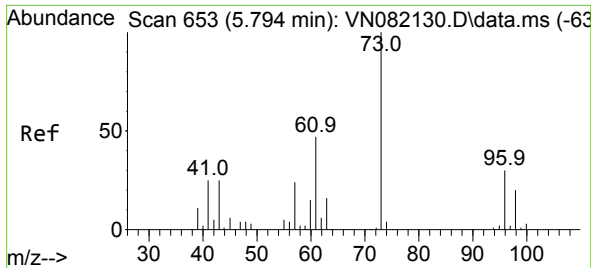
Tgt Ion: 76 Resp: 313719
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 50.115 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 43 Resp: 152679
Ion Ratio Lower Upper
43 100
74 19.7 22.2 33.2#

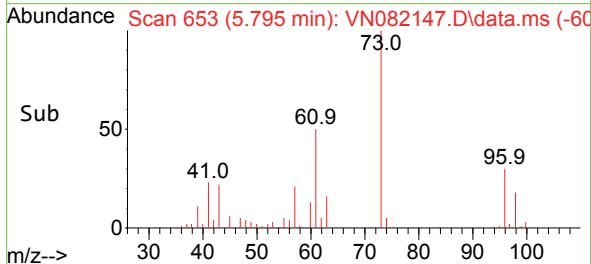
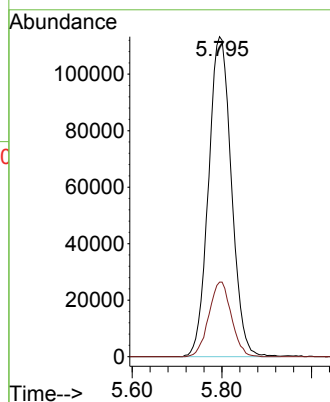
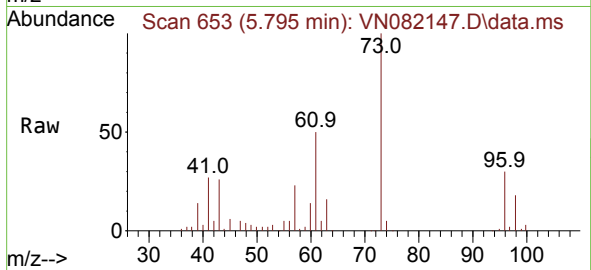




#19
Methyl tert-butyl Ether
Concen: 53.302 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

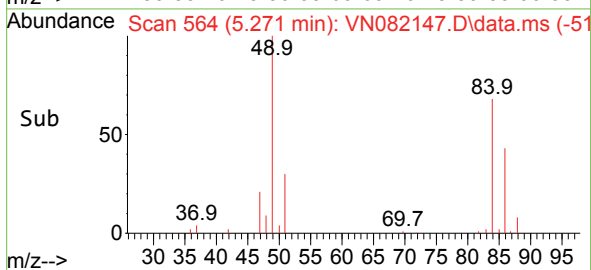
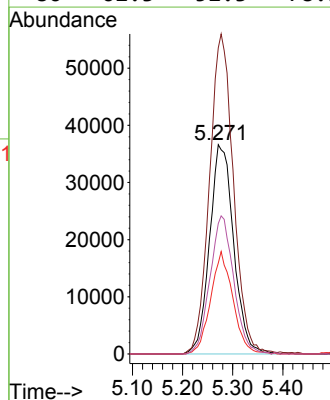
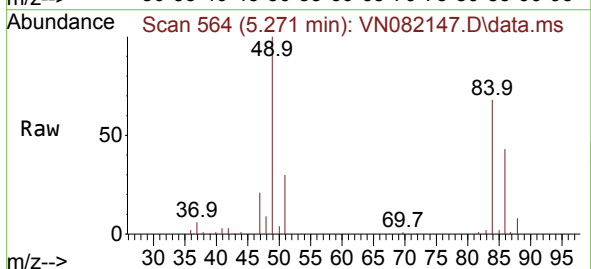
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

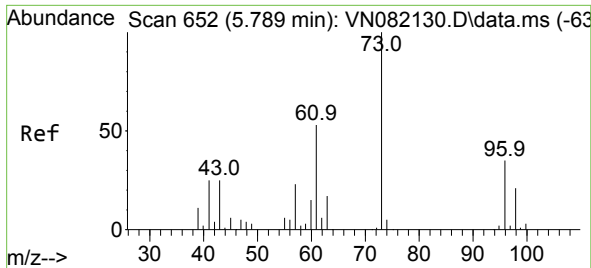
Tgt Ion: 73 Resp: 401852
Ion Ratio Lower Upper
73 100
57 23.3 16.5 24.7



#20
Methylene Chloride
Concen: 49.547 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 84 Resp: 122291
Ion Ratio Lower Upper
84 100
49 146.2 84.9 127.3#
51 43.4 27.0 40.6#
86 62.3 52.3 78.5

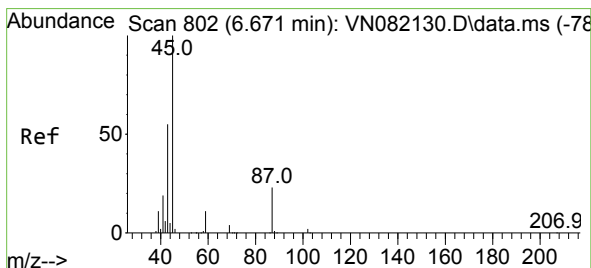
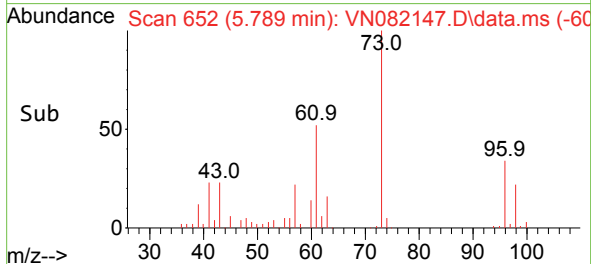
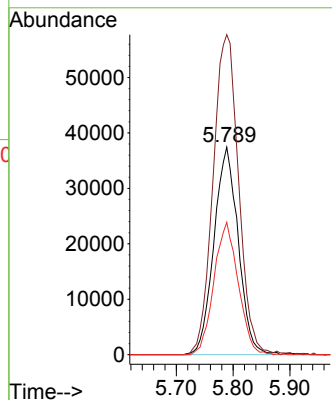
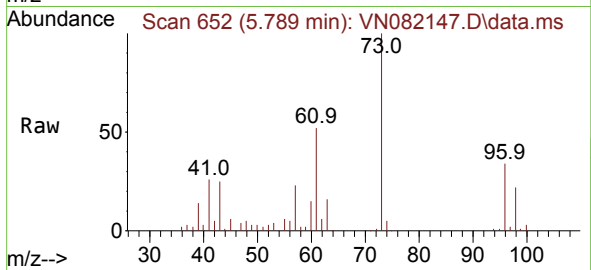




#21
trans-1,2-Dichloroethene
Concen: 49.400 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

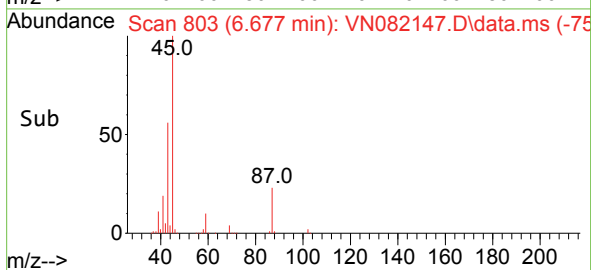
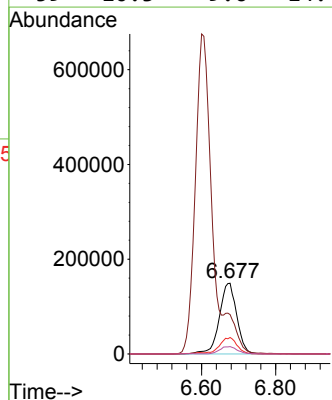
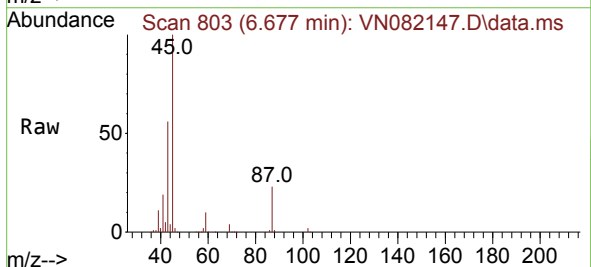
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

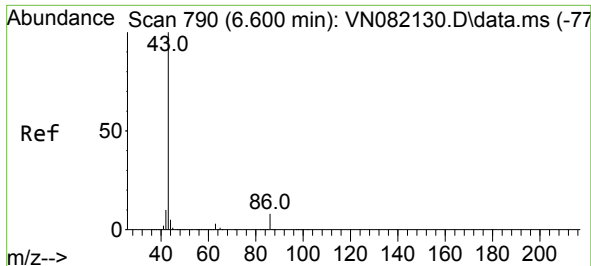
Tgt Ion: 96 Resp: 111035
Ion Ratio Lower Upper
96 100
61 154.2 96.5 144.7#
98 63.8 51.3 76.9



#22
Diisopropyl ether
Concen: 52.873 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 45 Resp: 487554
Ion Ratio Lower Upper
45 100
43 55.2 44.1 66.1
87 23.3 27.0 40.6#
59 10.3 9.6 14.4

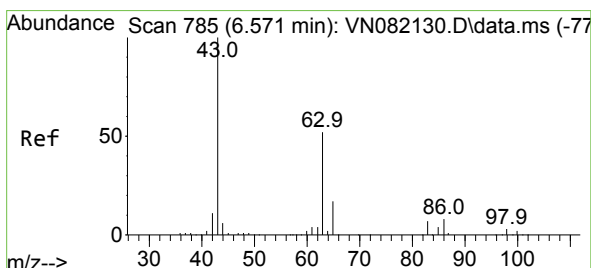
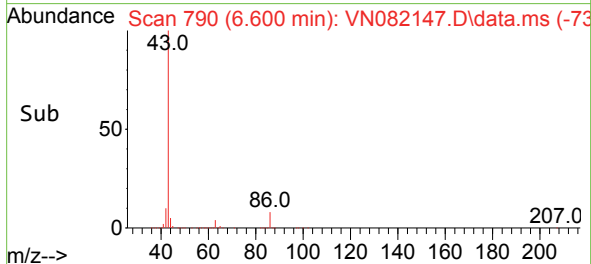
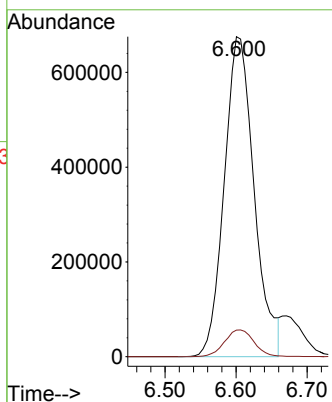
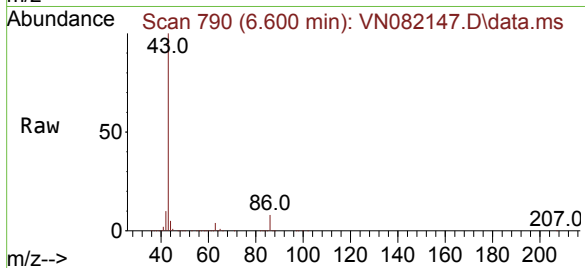




#23
 Vinyl Acetate
 Concen: 272.428 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

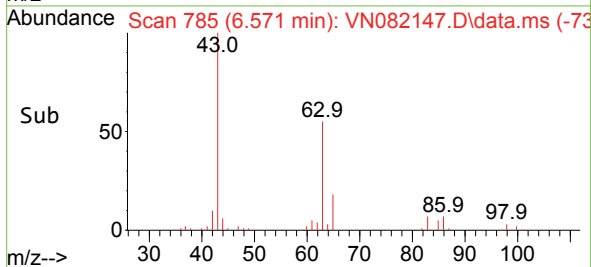
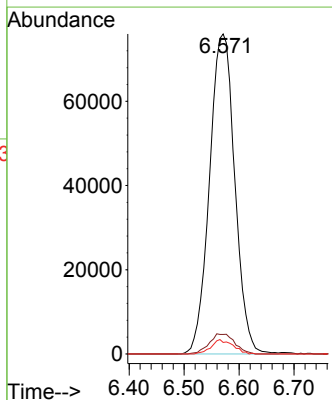
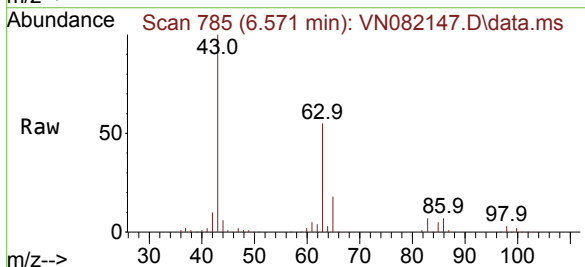
Instrument :
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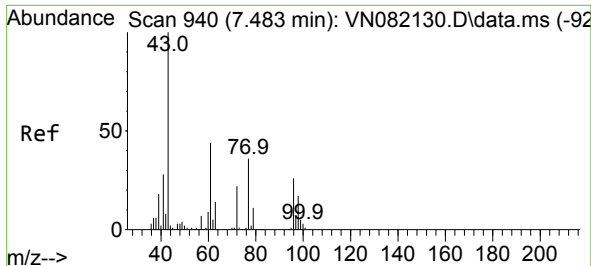
Tgt Ion: 43 Resp: 1980605
 Ion Ratio Lower Upper
 43 100
 86 8.3 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 51.104 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

Tgt Ion: 63 Resp: 242892
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.9
 100 3.6 2.6 7.8

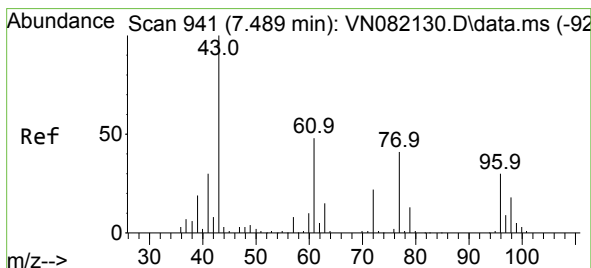
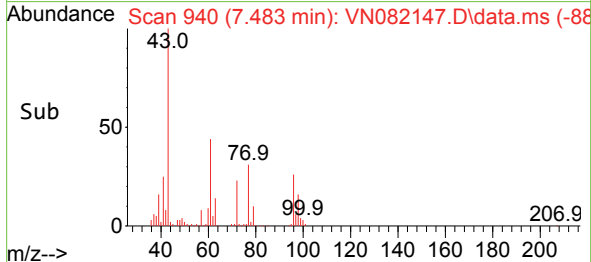
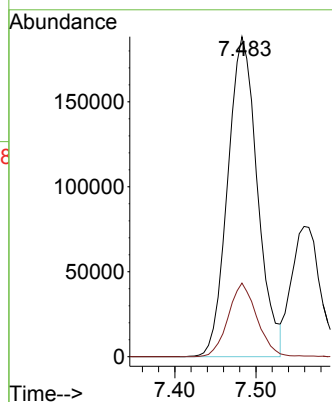
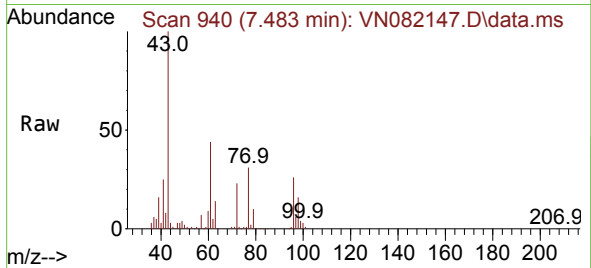




#25
2-Butanone
Concen: 258.573 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

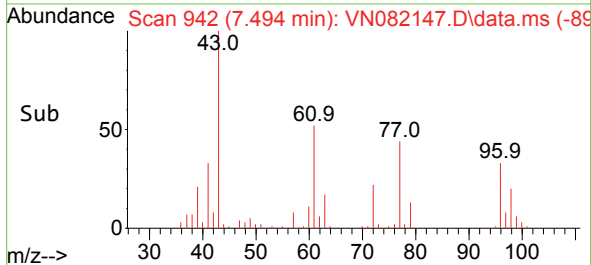
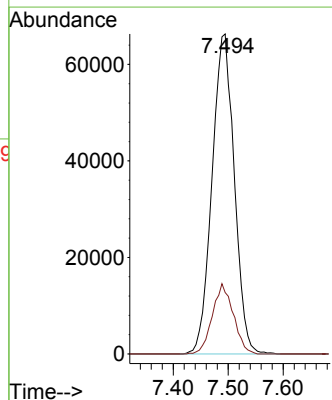
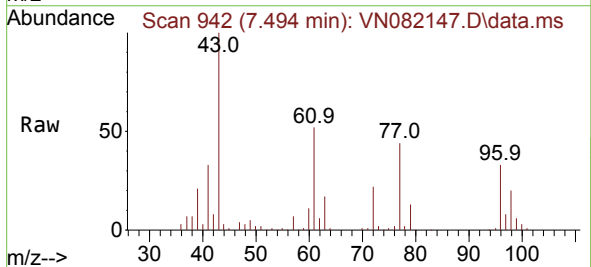
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 479591
Ion Ratio Lower Upper
43 100
72 23.0 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 46.854 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 77 Resp: 186525
Ion Ratio Lower Upper
77 100
97 20.7 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 51.442 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

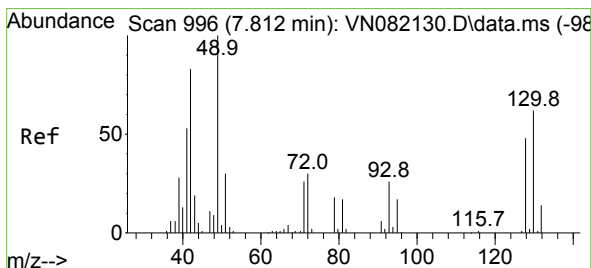
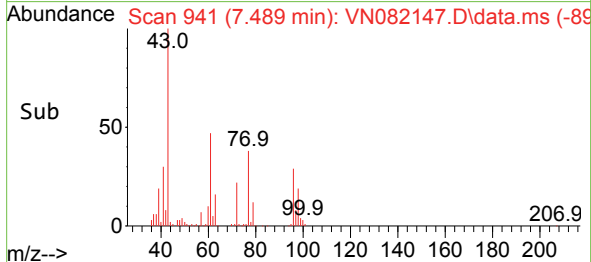
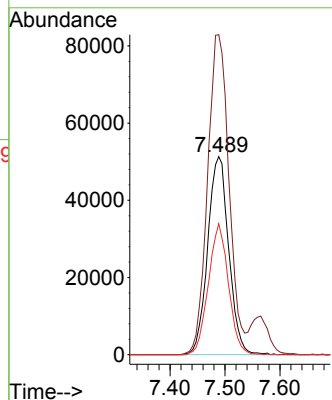
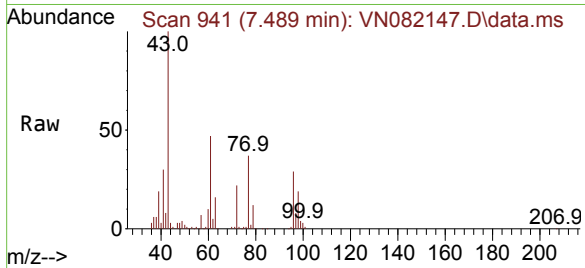
Tgt Ion: 96 Resp: 136457

Ion Ratio Lower Upper

96 100

61 164.4 0.0 268.0

98 63.1 0.0 126.8



#28

Bromochloromethane

Concen: 52.100 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

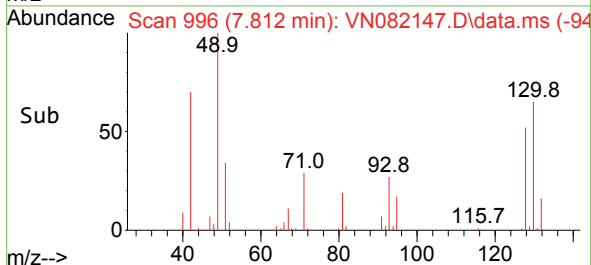
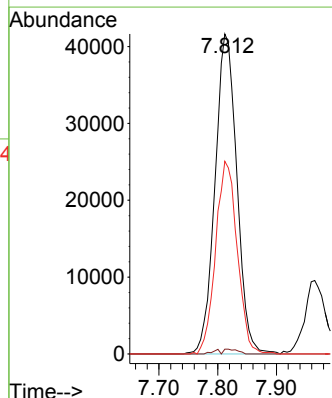
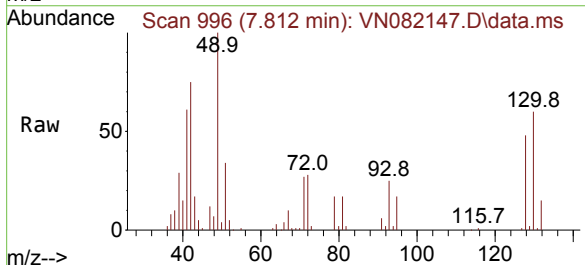
Tgt Ion: 49 Resp: 107414

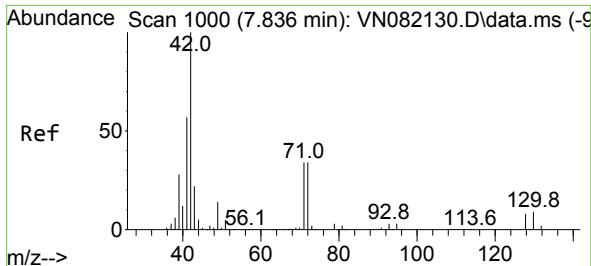
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.6

130 59.5 66.7 100.1#





#29

Tetrahydrofuran

Concen: 265.829 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

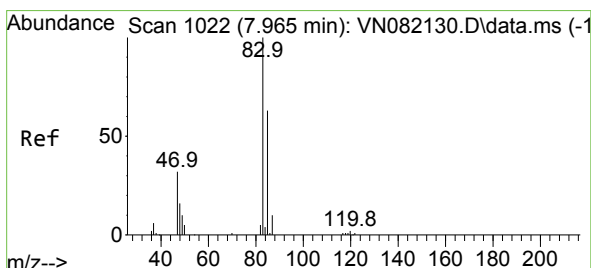
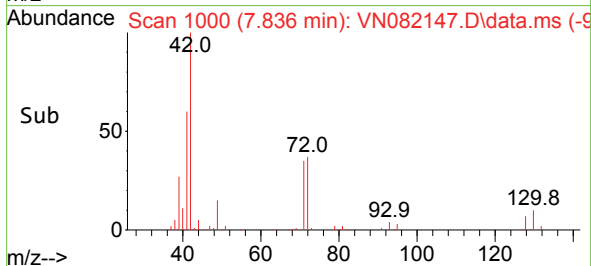
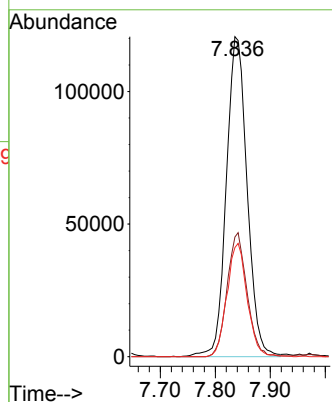
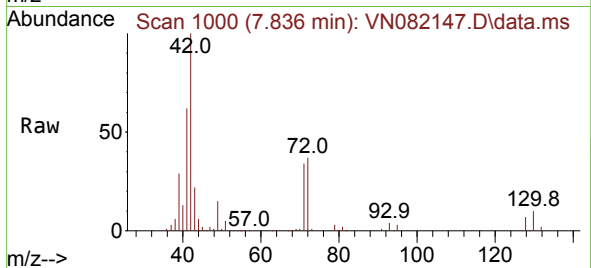
Tgt Ion: 42 Resp: 316565

Ion Ratio Lower Upper

42 100

72 37.0 39.3 58.9#

71 34.5 37.4 56.0#



#30

Chloroform

Concen: 51.935 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082147.D

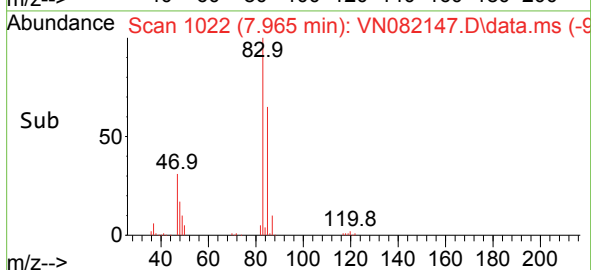
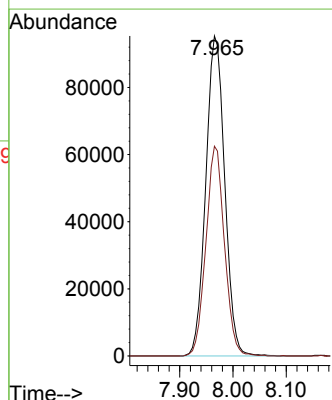
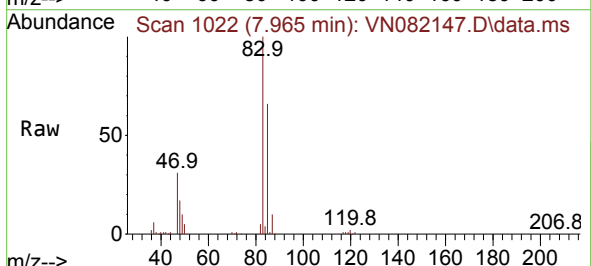
Acq: 15 May 2024 21:37

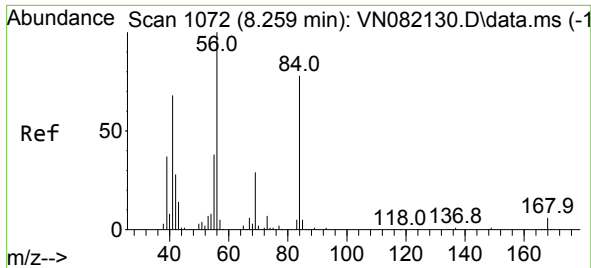
Tgt Ion: 83 Resp: 235718

Ion Ratio Lower Upper

83 100

85 65.5 50.7 76.1

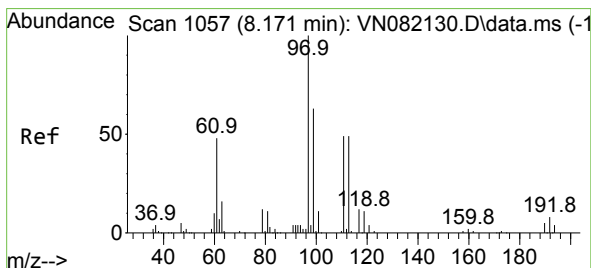
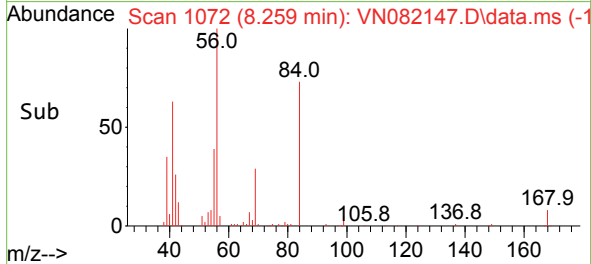
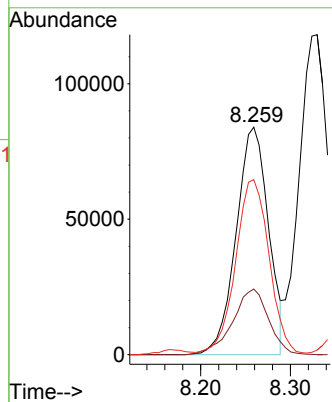
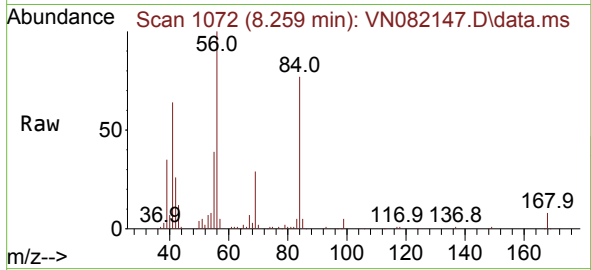




#31
Cyclohexane
Concen: 44.116 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

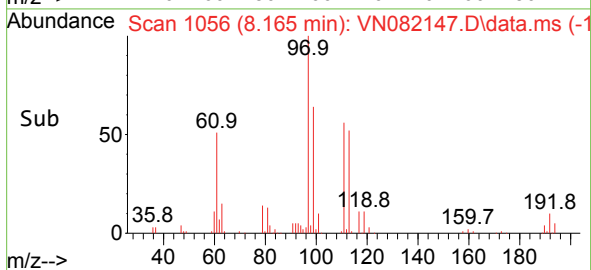
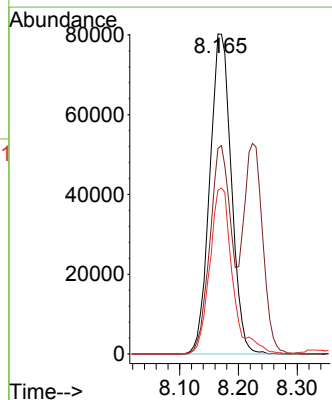
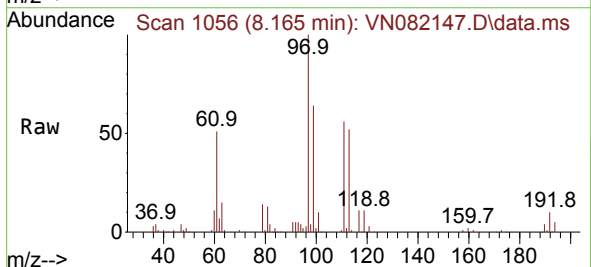
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 210121
Ion Ratio Lower Upper
56 100
69 28.8 24.4 36.6
84 75.0 77.0 115.4#



#32
1,1,1-Trichloroethane
Concen: 50.763 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 97 Resp: 204402
Ion Ratio Lower Upper
97 100
99 62.6 50.3 75.5
61 54.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.099 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

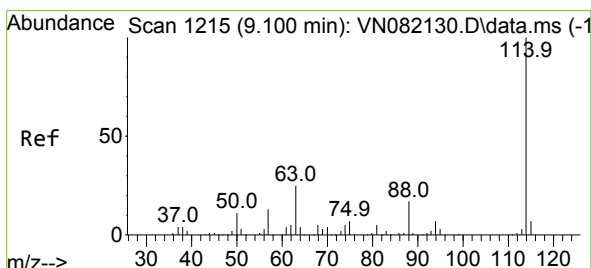
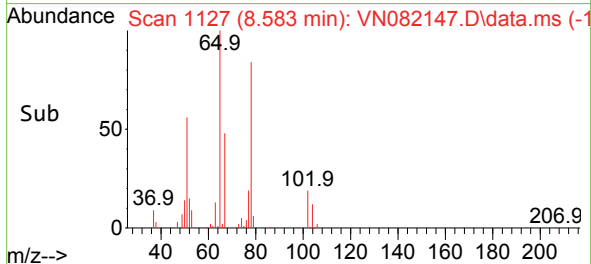
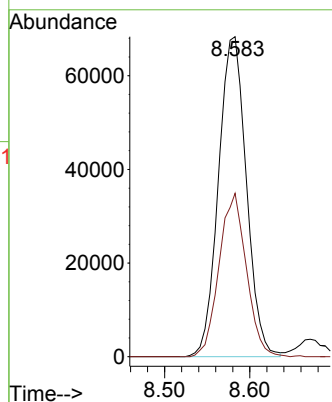
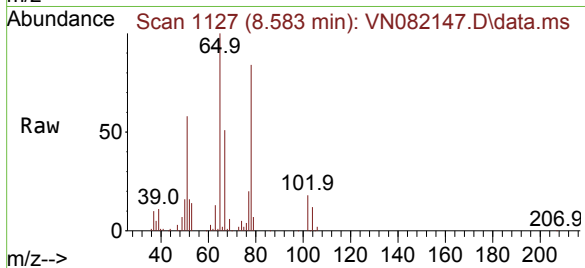
VSTDCCC050EC

Tgt Ion: 65 Resp: 155367

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

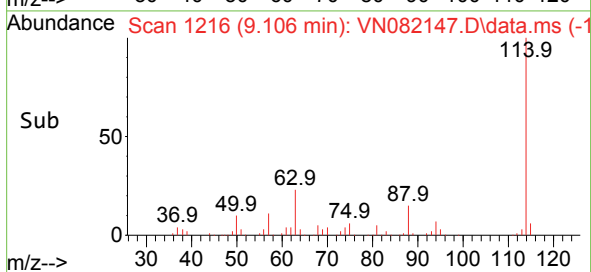
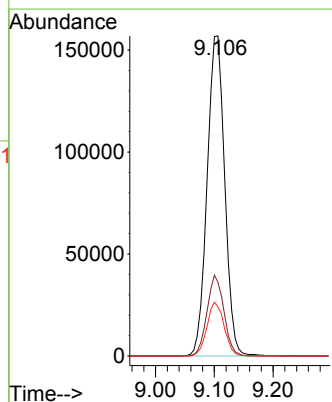
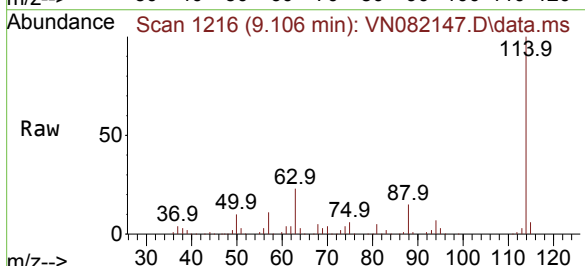
Tgt Ion: 114 Resp: 325934

Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

88 15.3 0.0 31.4

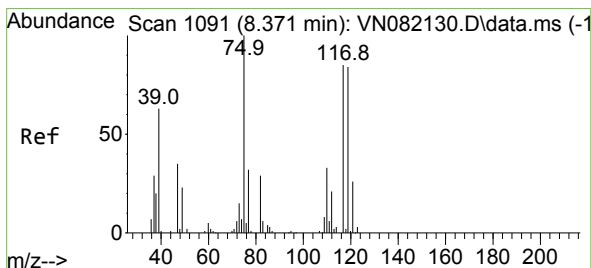
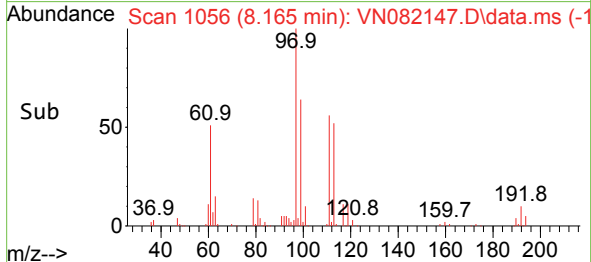
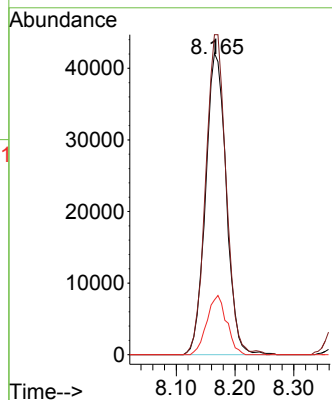
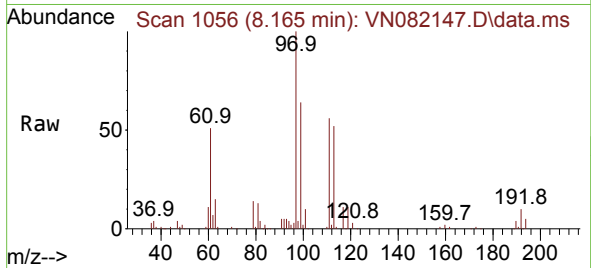




#35
Dibromofluoromethane
Concen: 51.258 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

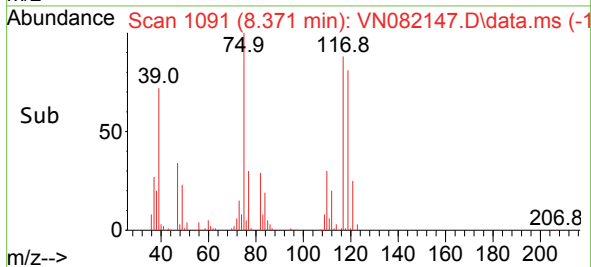
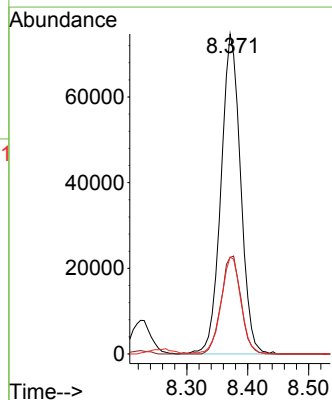
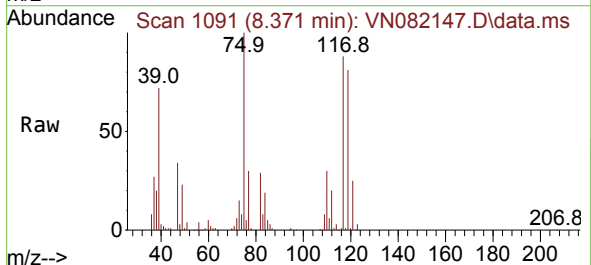
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 102772
Ion Ratio Lower Upper
113 100
111 105.3 83.4 125.2
192 18.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 49.686 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 75 Resp: 167080
Ion Ratio Lower Upper
75 100
110 31.0 17.8 53.5
77 30.7 25.0 37.4

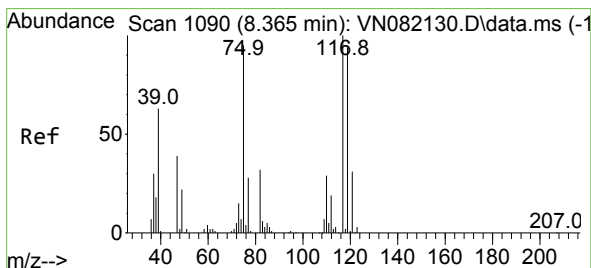
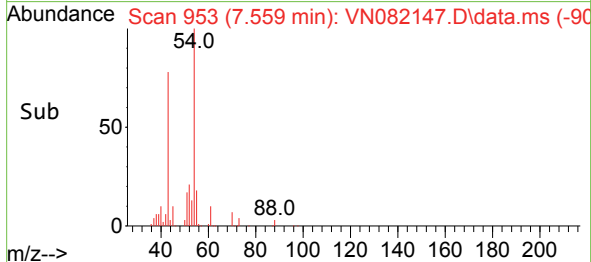
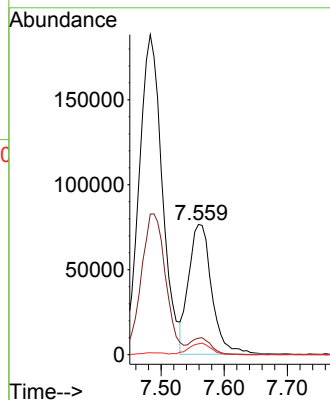
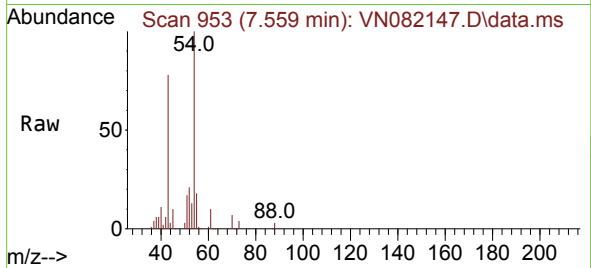




#37
Ethyl Acetate
Concen: 51.515 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

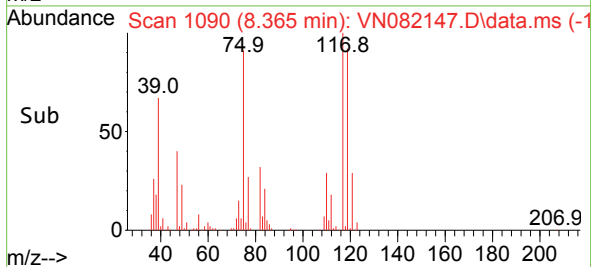
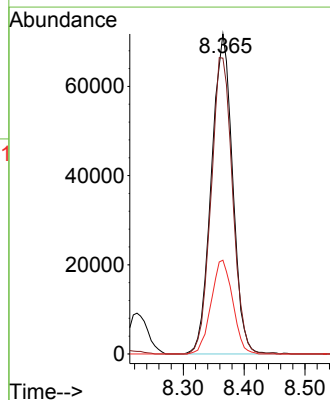
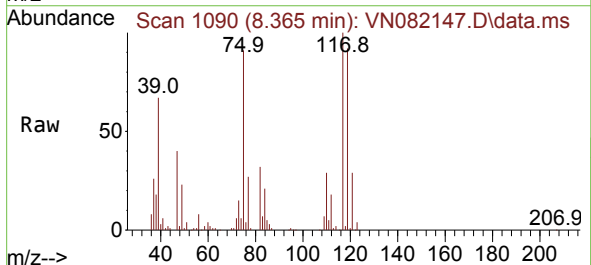
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

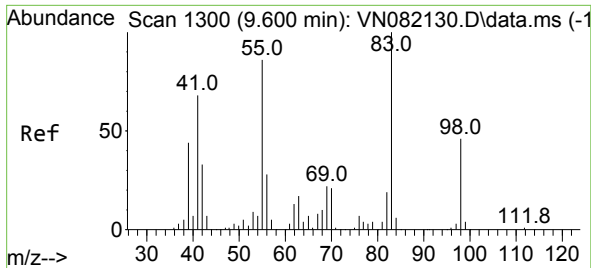
Tgt Ion: 43 Resp: 193863
Ion Ratio Lower Upper
43 100
61 11.1 11.3 16.9#
70 8.7 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 50.900 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 117 Resp: 173506
Ion Ratio Lower Upper
117 100
119 92.4 76.5 114.7
121 29.3 23.9 35.9

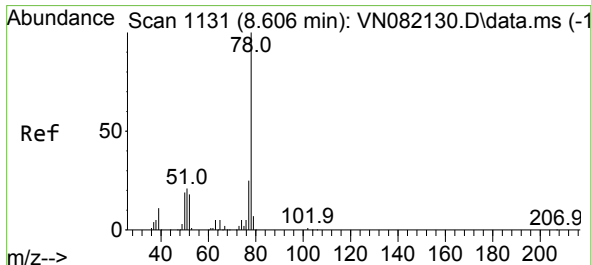
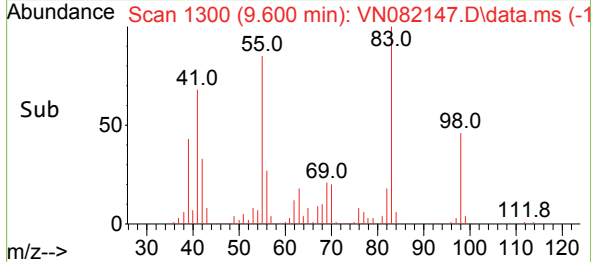
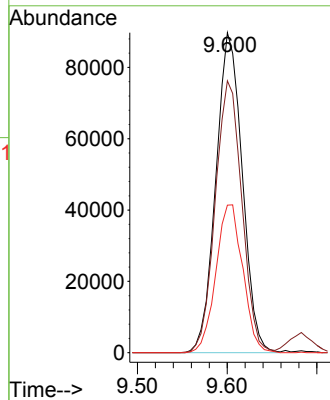
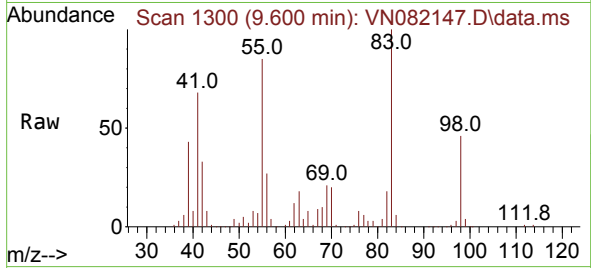




#39
Methylcyclohexane
Concen: 49.721 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

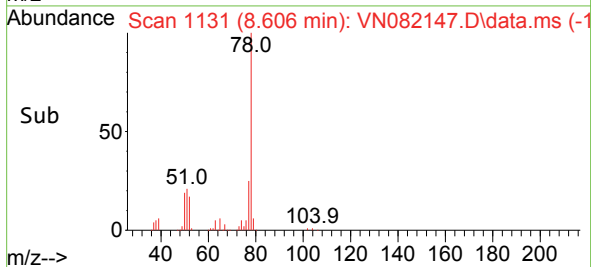
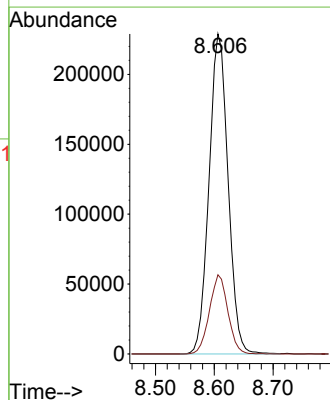
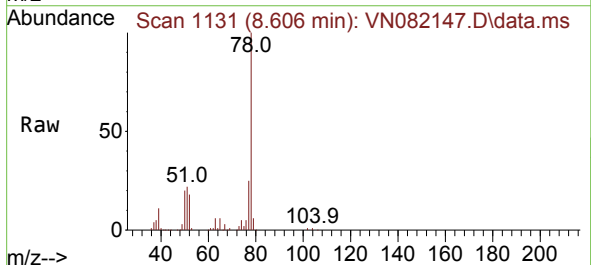
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 183270
Ion Ratio Lower Upper
83 100
55 85.0 53.0 79.6#
98 46.1 37.1 55.7



#40
Benzene
Concen: 51.362 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 78 Resp: 515033
Ion Ratio Lower Upper
78 100
77 24.8 20.0 30.0

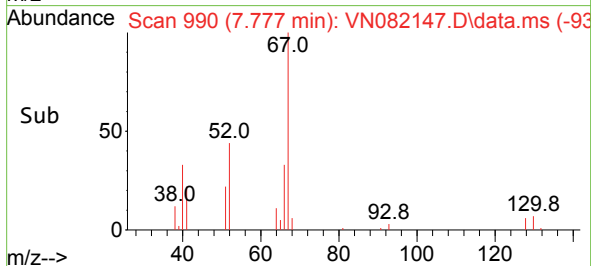
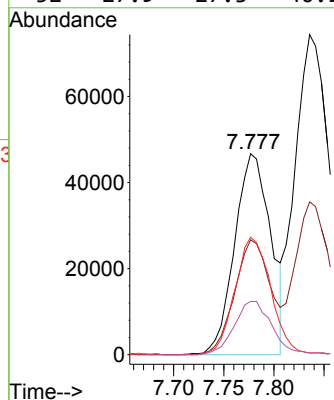
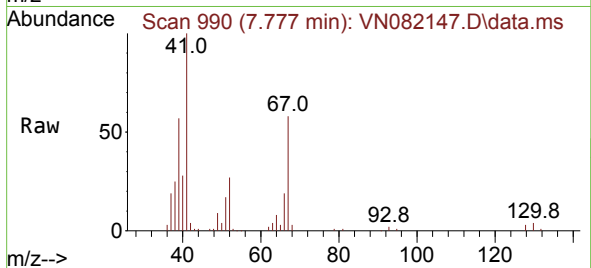




#41
Methacrylonitrile
Concen: 52.821 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

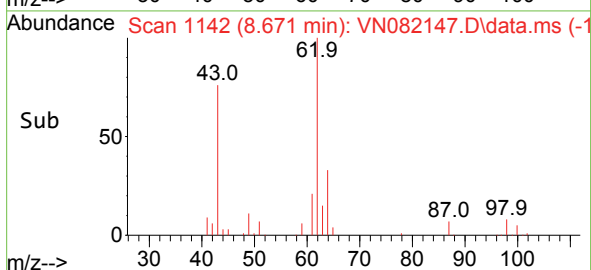
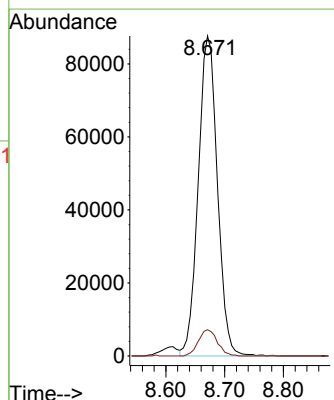
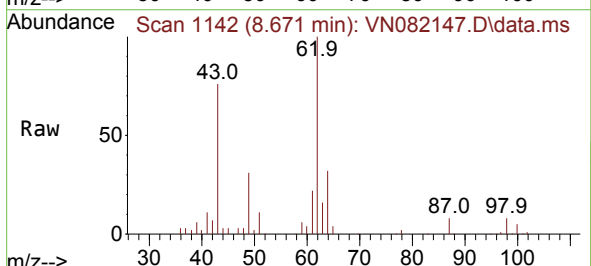
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	116905
Ion	Ratio	Lower	Upper
41	100		
39	56.8	46.6	69.8
67	58.6	67.3	100.9
52	27.9	27.3	40.9



#42
1,2-Dichloroethane
Concen: 51.389 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion:	62	Resp:	198187
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	19.6

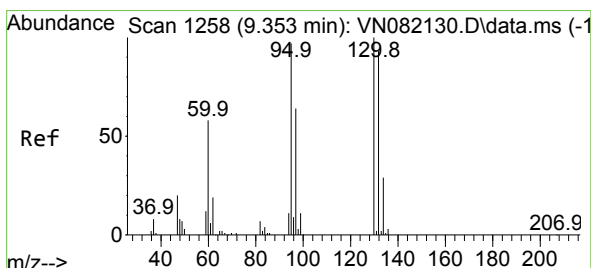
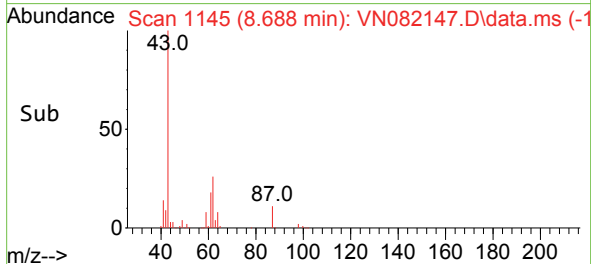
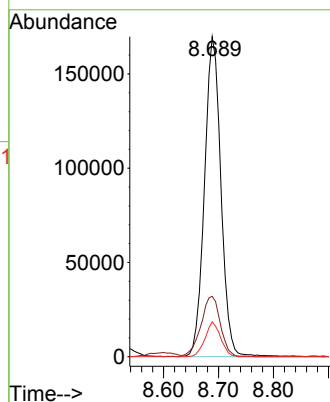
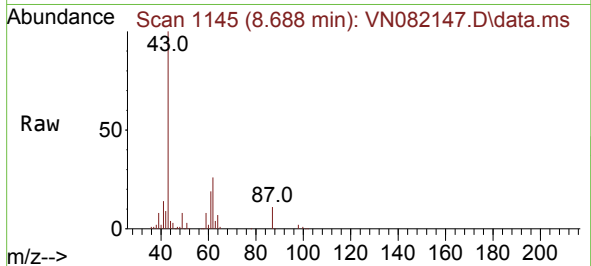




#43
Isopropyl Acetate
Concen: 52.862 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

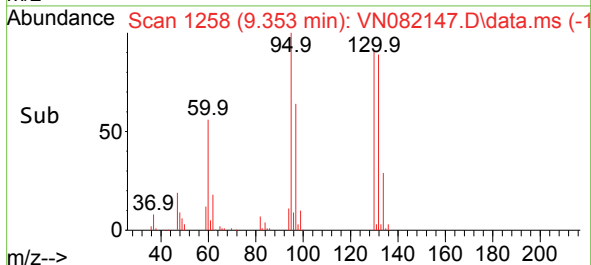
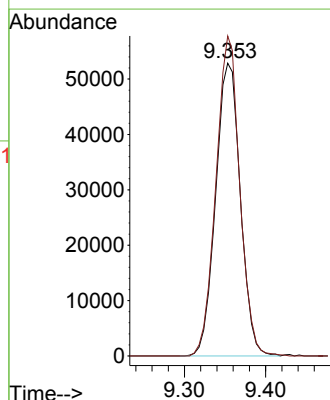
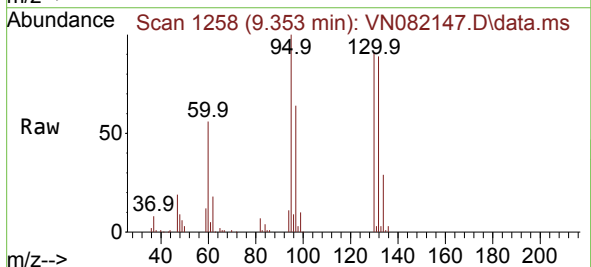
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 352500
Ion Ratio Lower Upper
43 100
61 22.3 22.8 34.2#
87 10.3 12.0 18.0#



#44
Trichloroethene
Concen: 49.063 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion:130 Resp: 111757
Ion Ratio Lower Upper
130 100
95 109.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 51.441 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

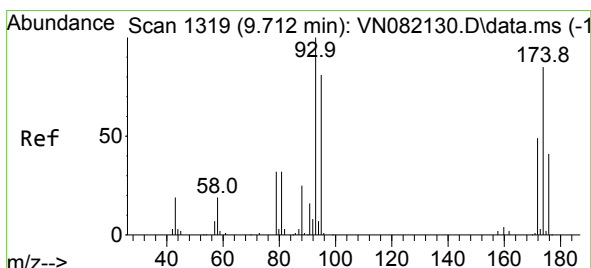
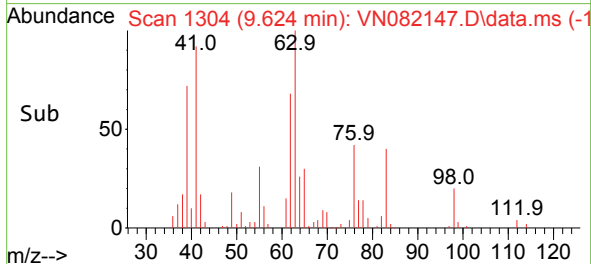
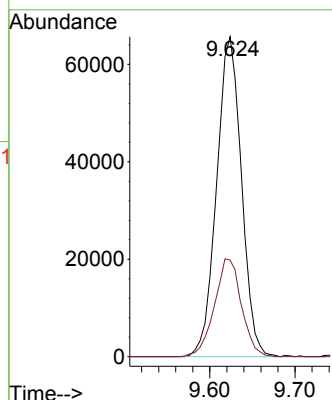
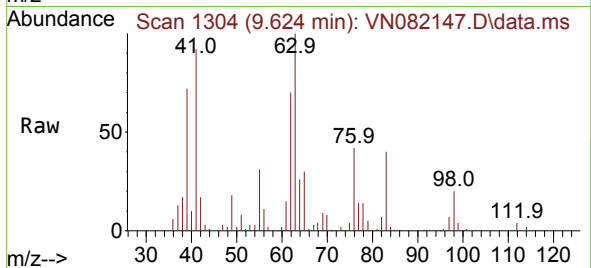
VSTDCCC050EC

Tgt Ion: 63 Resp: 133090

Ion Ratio Lower Upper

63 100

65 30.2 24.1 36.1



#46

Dibromomethane

Concen: 50.454 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

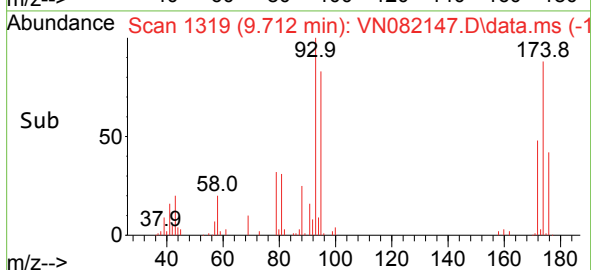
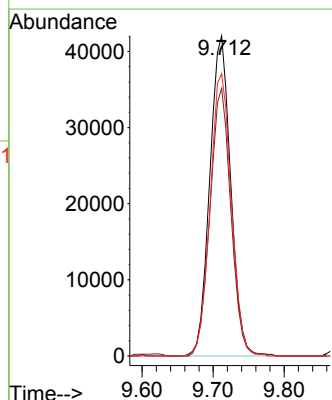
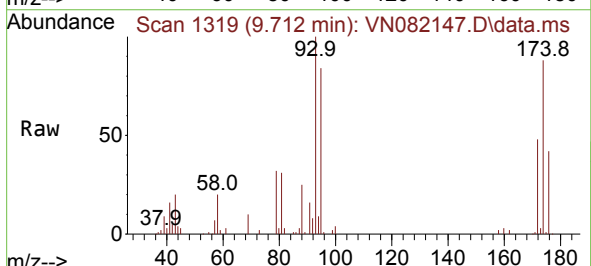
Tgt Ion: 93 Resp: 85701

Ion Ratio Lower Upper

93 100

95 83.6 64.8 97.2

174 89.6 73.4 110.0





#47

Bromodichloromethane

Concen: 52.694 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

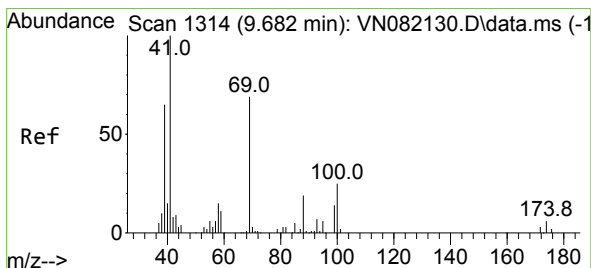
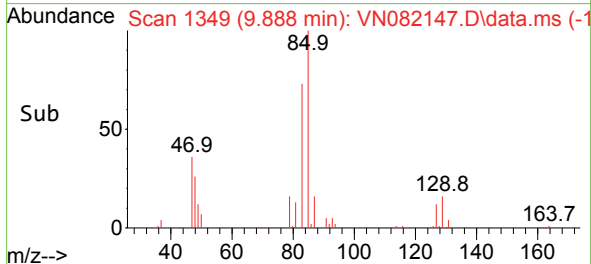
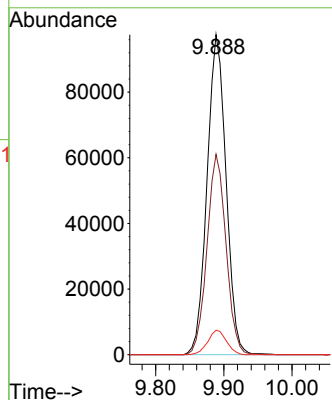
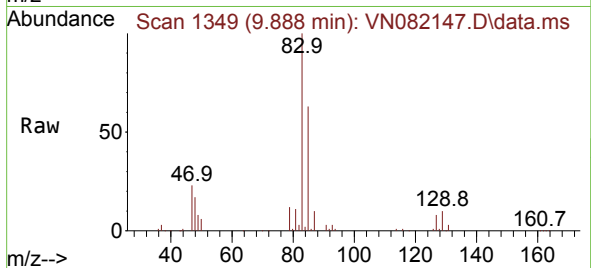
Tgt Ion: 83 Resp: 188954

Ion Ratio Lower Upper

83 100

85 62.6 51.9 77.9

127 7.6 7.5 11.3



#48

Methyl methacrylate

Concen: 53.031 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

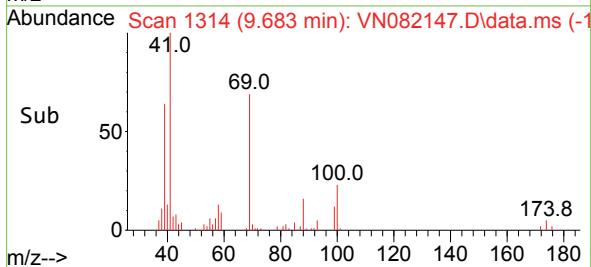
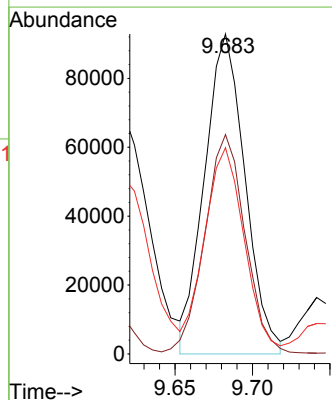
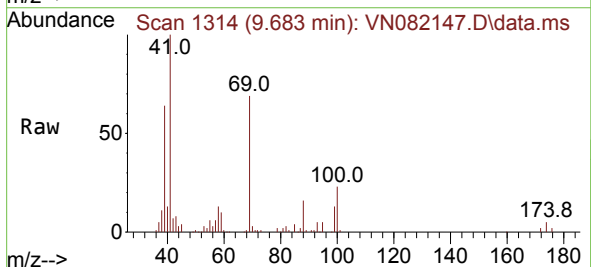
Tgt Ion: 41 Resp: 168502

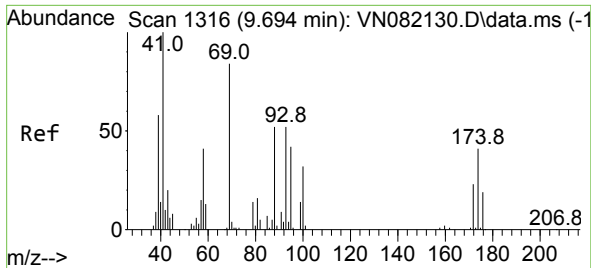
Ion Ratio Lower Upper

41 100

69 69.0 77.9 116.9#

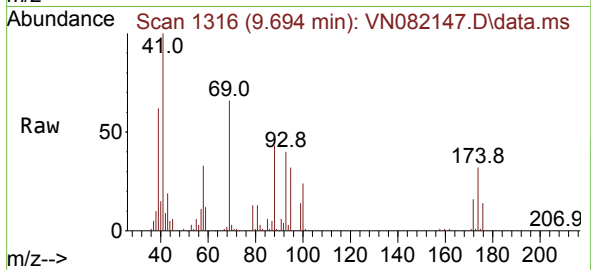
39 64.1 50.9 76.3



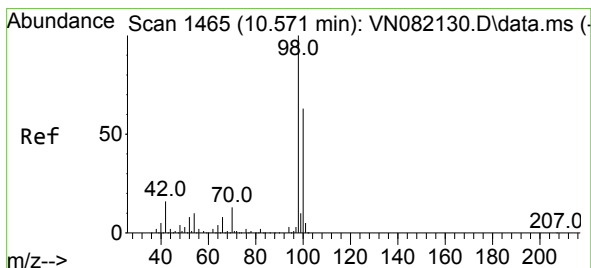
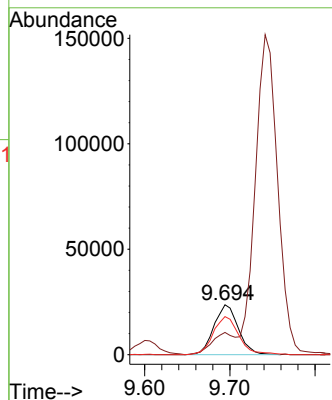
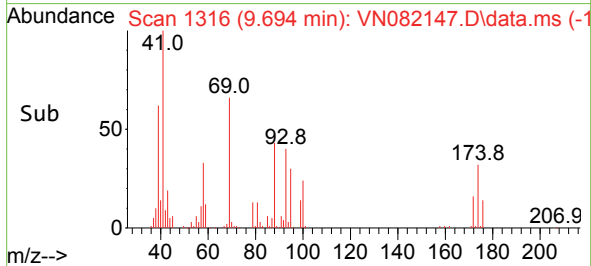


#49
1,4-Dioxane
Concen: 1053.287 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

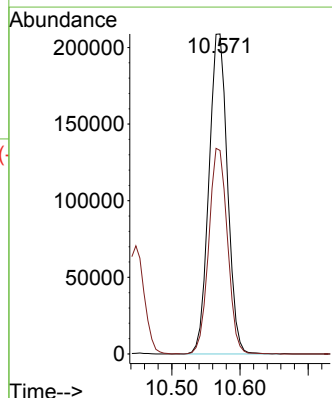
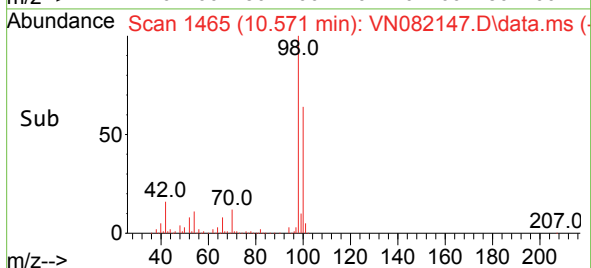
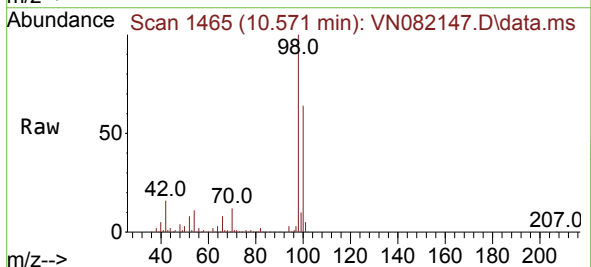


Tgt Ion: 88 Resp: 46897
Ion Ratio Lower Upper
88 100
43 41.2 19.0 28.6#
58 81.1 50.6 76.0#



#50
Toluene-d8
Concen: 51.367 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 98 Resp: 394859
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

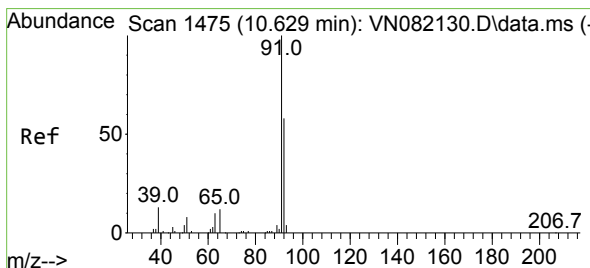
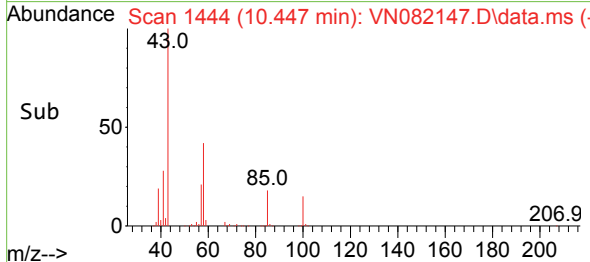
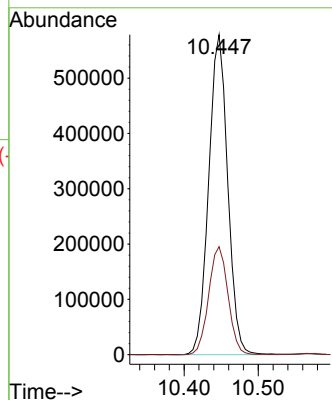
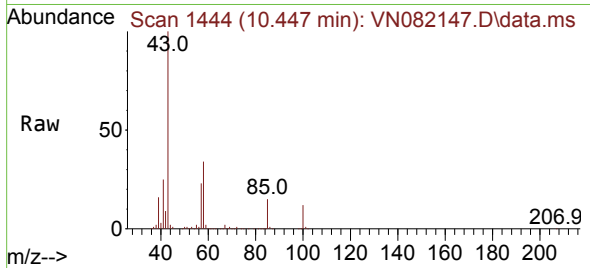




#51
4-Methyl-2-Pentanone
Concen: 271.949 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

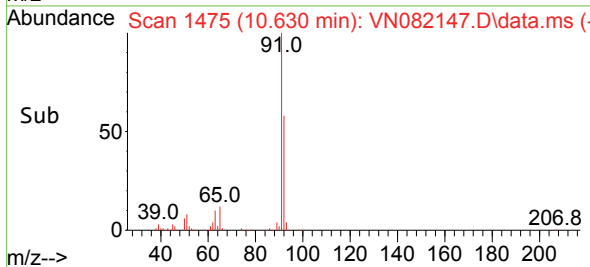
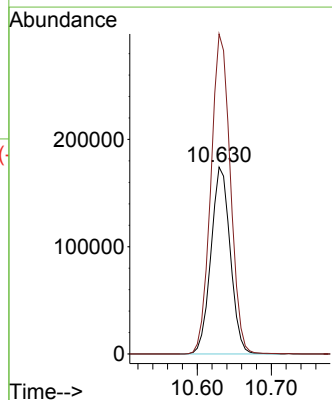
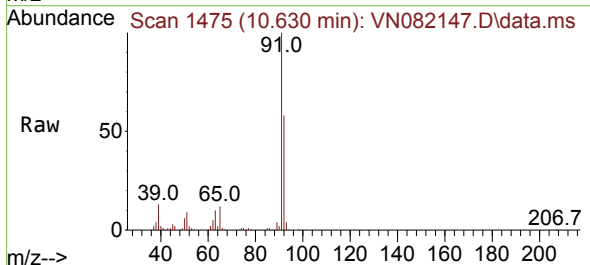
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

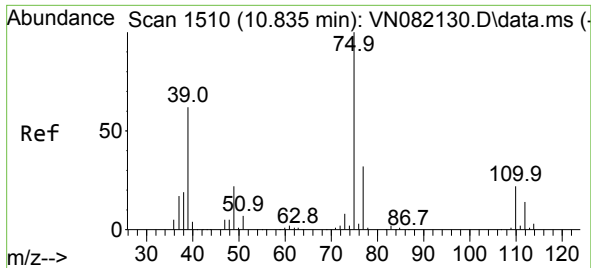
Tgt Ion: 43 Resp: 1030331
Ion Ratio Lower Upper
43 100
58 34.5 33.2 49.8



#52
Toluene
Concen: 52.321 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 92 Resp: 314849
Ion Ratio Lower Upper
92 100
91 173.3 136.7 205.1

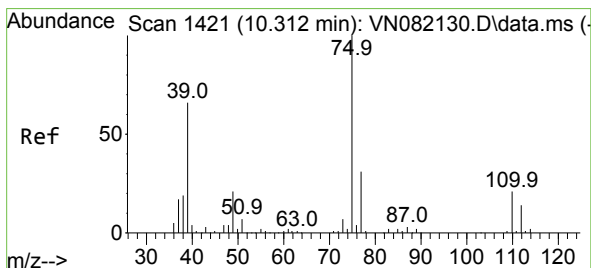
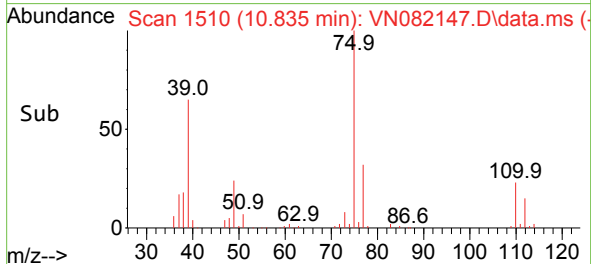
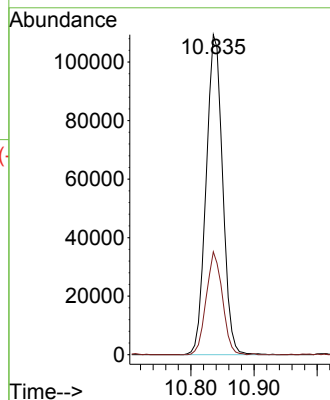
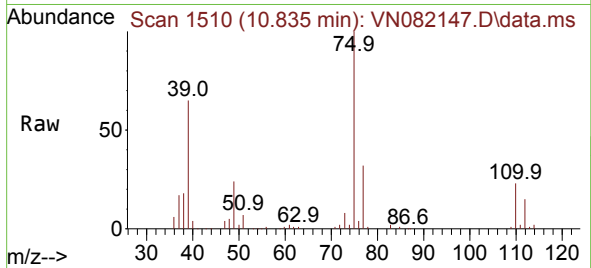




#53
 t-1,3-Dichloropropene
 Concen: 53.352 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

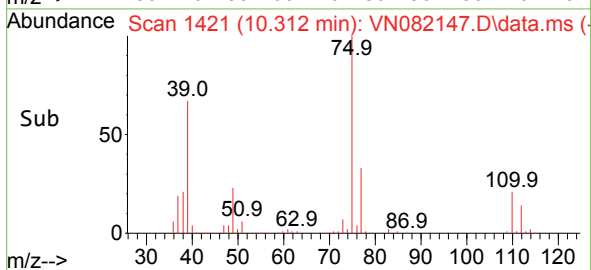
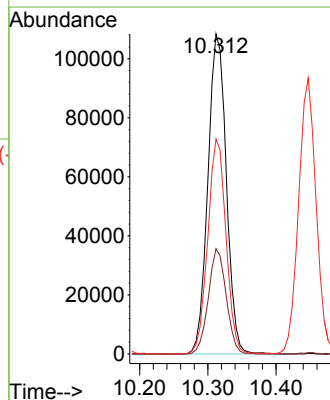
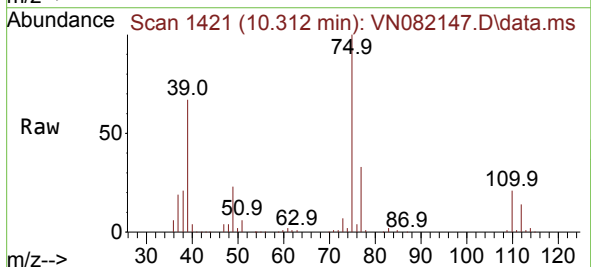
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

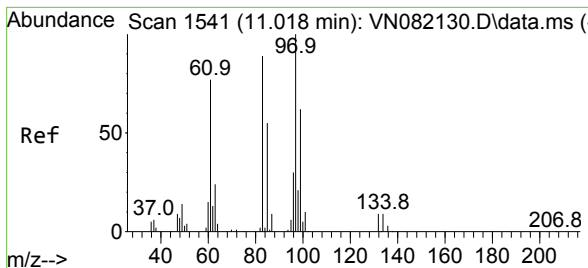
Tgt Ion: 75 Resp: 197864
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.948 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

Tgt Ion: 75 Resp: 203929
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.4
 39 67.1 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 52.214 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082147.D

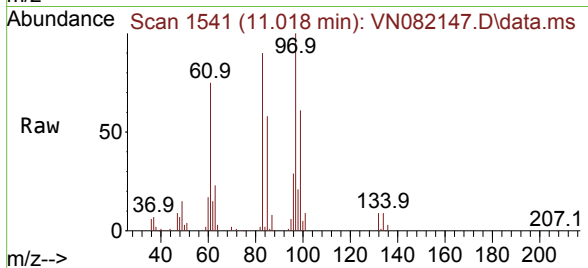
Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 114184

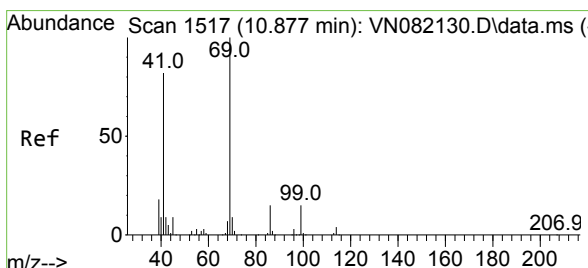
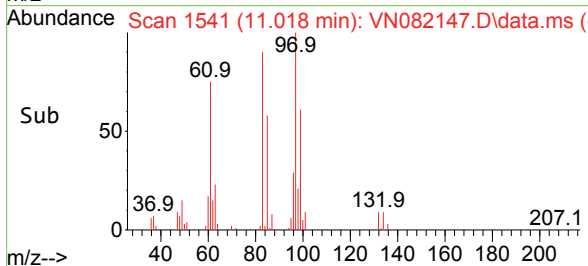
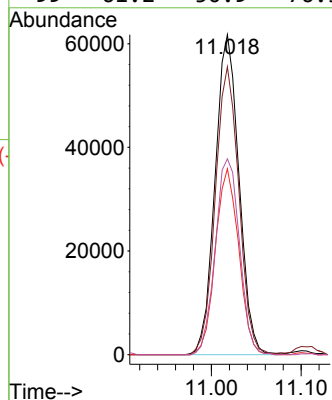
Ion Ratio Lower Upper

97 100

83 89.9 70.4 105.6

85 58.1 45.6 68.4

99 61.2 50.9 76.3



#56

Ethyl methacrylate

Concen: 55.772 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

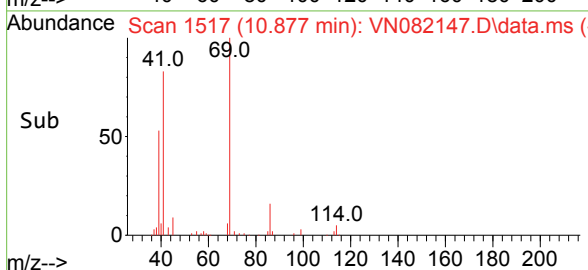
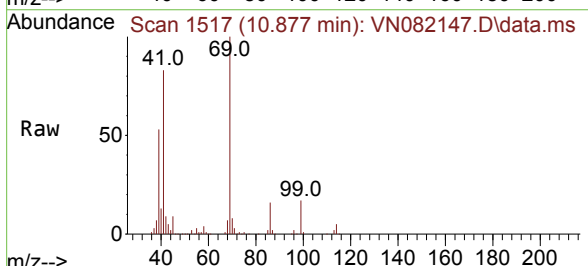
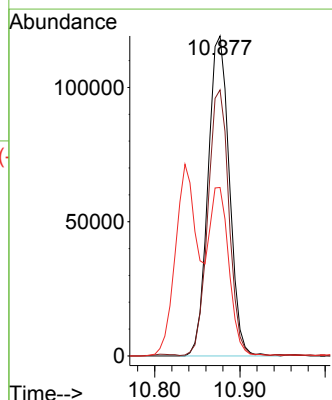
Tgt Ion: 69 Resp: 207069

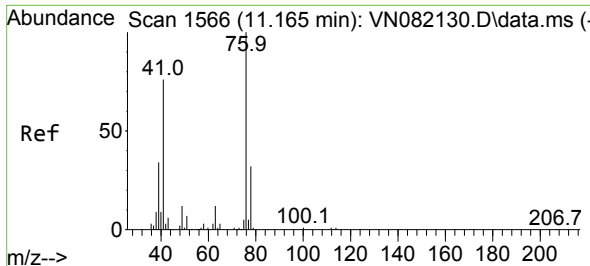
Ion Ratio Lower Upper

69 100

41 81.8 46.6 70.0#

39 46.8 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 52.107 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

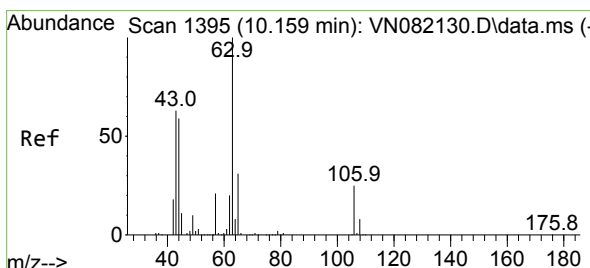
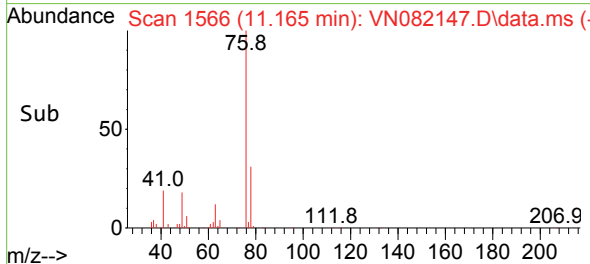
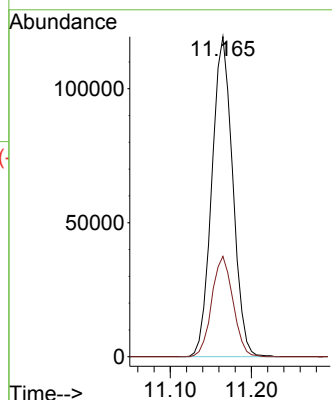
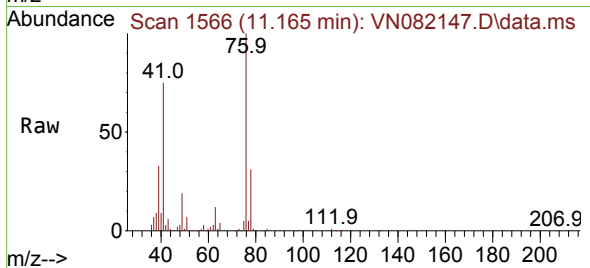
VSTDCCC050EC

Tgt Ion: 76 Resp: 213056

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 276.774 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN082147.D

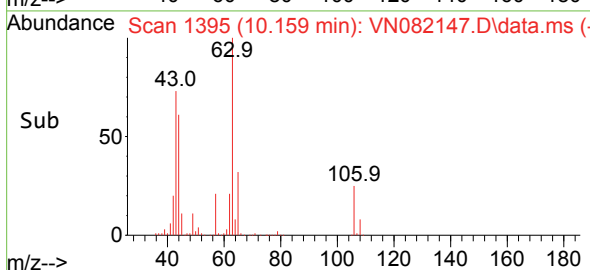
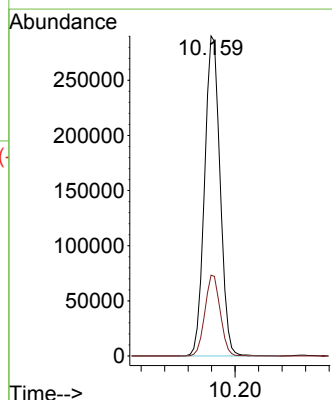
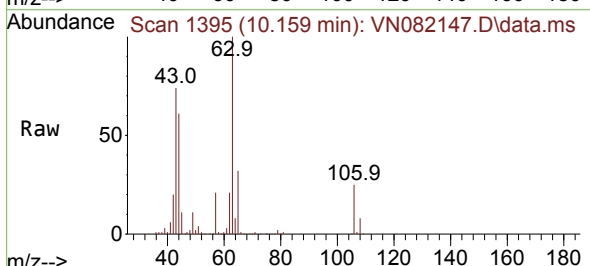
Acq: 15 May 2024 21:37

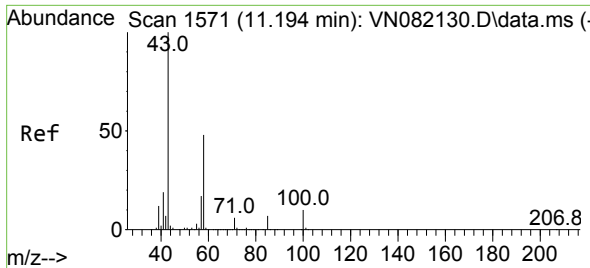
Tgt Ion: 63 Resp: 530041

Ion Ratio Lower Upper

63 100

106 24.9 24.6 36.8

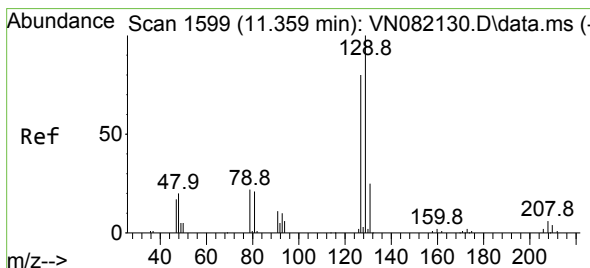
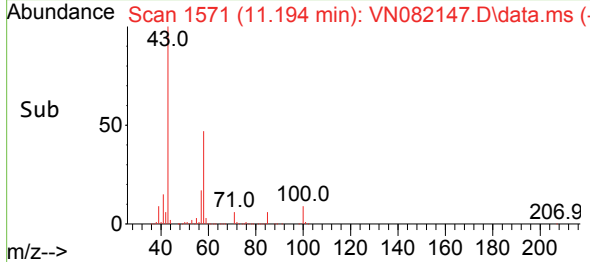
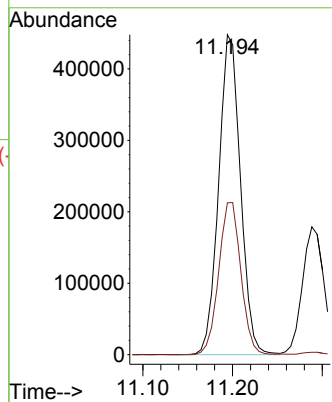
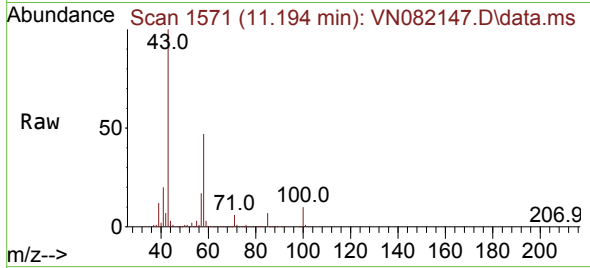




#59
2-Hexanone
Concen: 272.281 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

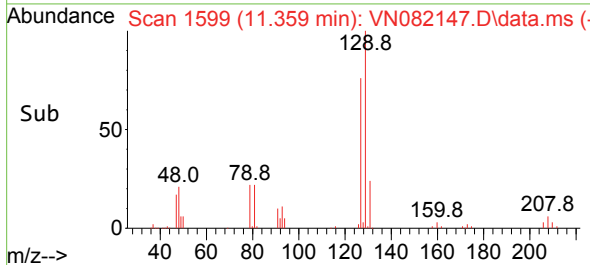
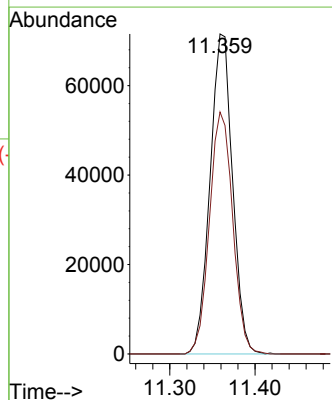
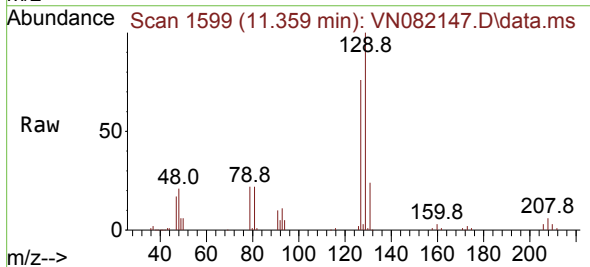
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

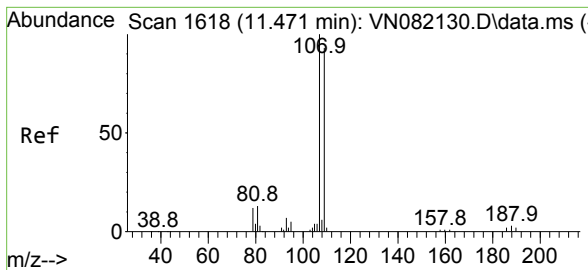
Tgt Ion: 43 Resp: 755336
Ion Ratio Lower Upper
43 100
58 48.5 28.3 84.9



#60
Dibromochloromethane
Concen: 54.524 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 129 Resp: 131585
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8

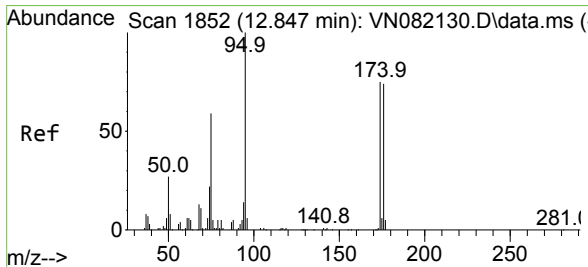
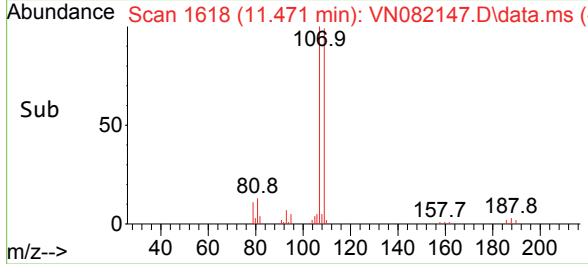
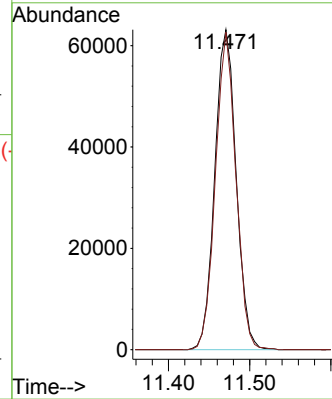
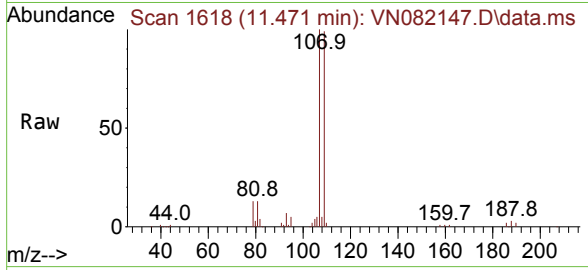




#61
1,2-Dibromoethane
Concen: 51.405 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

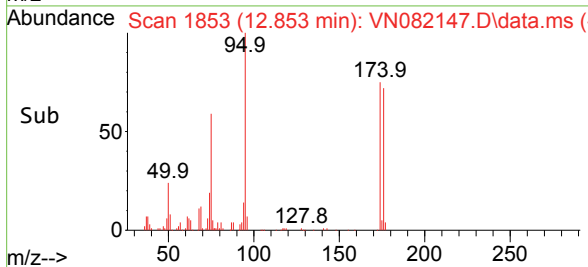
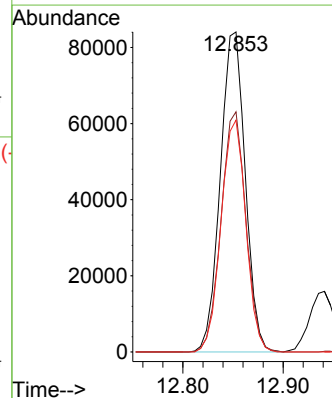
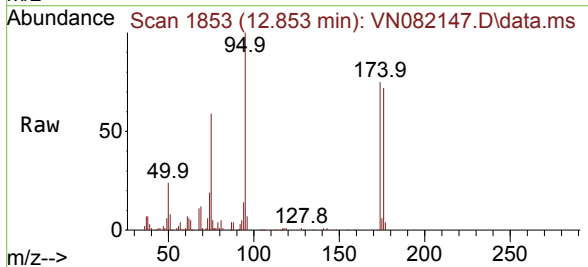
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

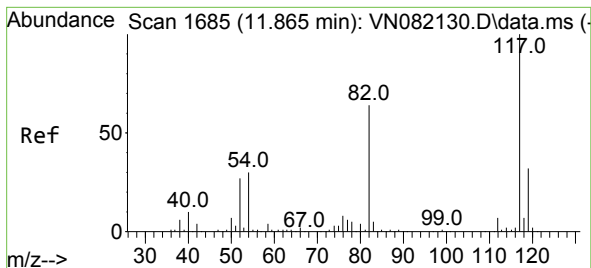
Tgt Ion:107 Resp: 115464
Ion Ratio Lower Upper
107 100
109 95.1 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 52.861 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 95 Resp: 145034
Ion Ratio Lower Upper
95 100
174 74.8 0.0 160.6
176 71.9 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: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

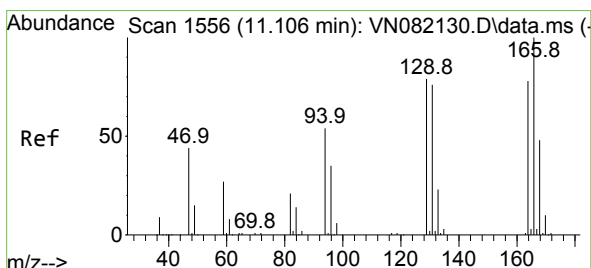
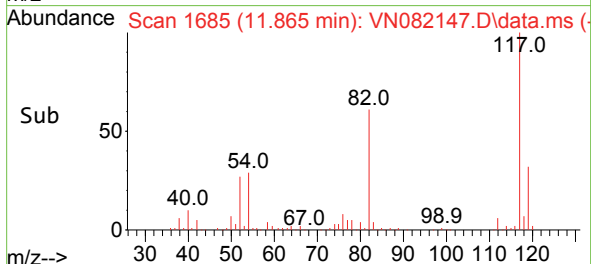
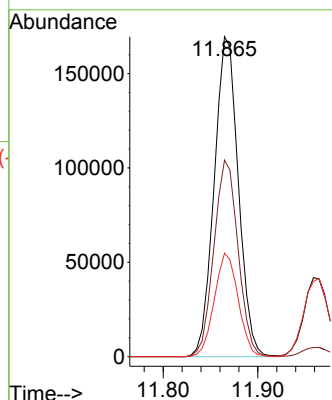
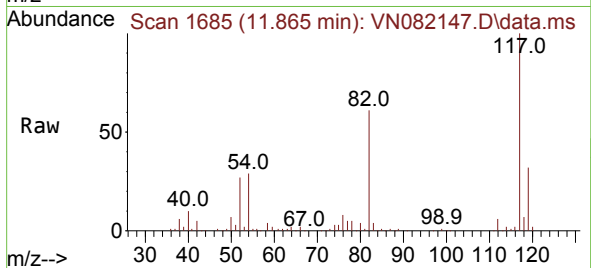
Tgt Ion:117 Resp: 300489

Ion Ratio Lower Upper

117 100

82 61.5 44.6 66.8

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 47.726 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Tgt Ion:164 Resp: 106295

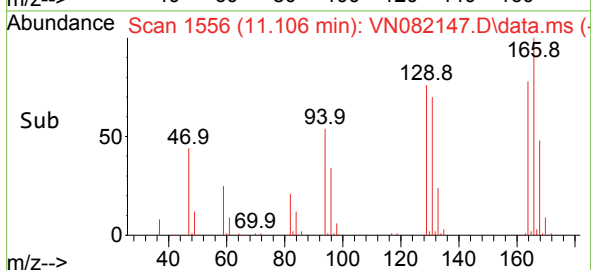
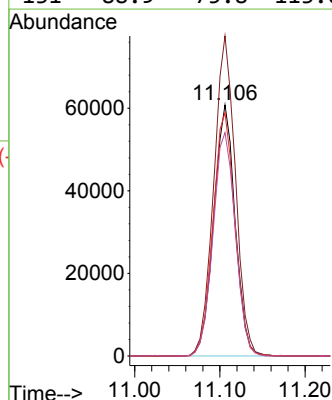
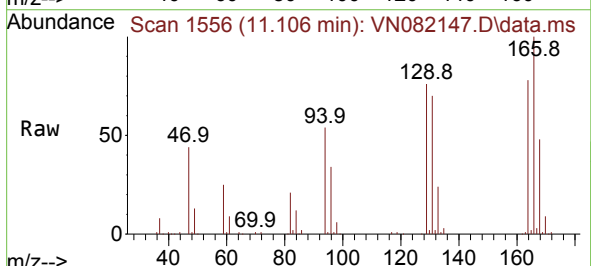
Ion Ratio Lower Upper

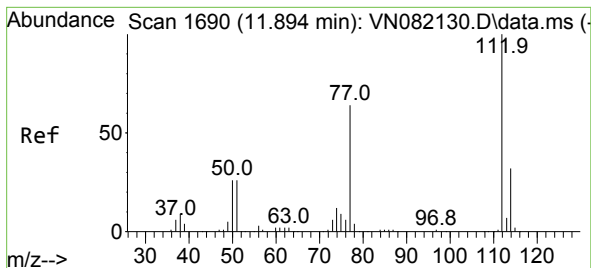
164 100

166 127.4 97.6 146.4

129 96.8 73.7 110.5

131 88.9 75.8 113.6

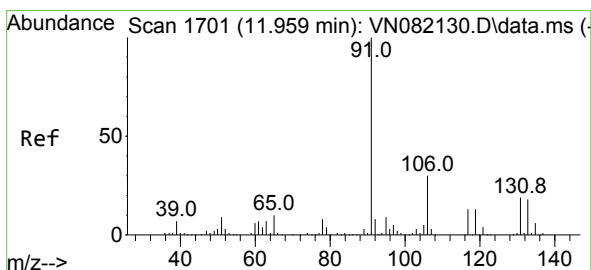
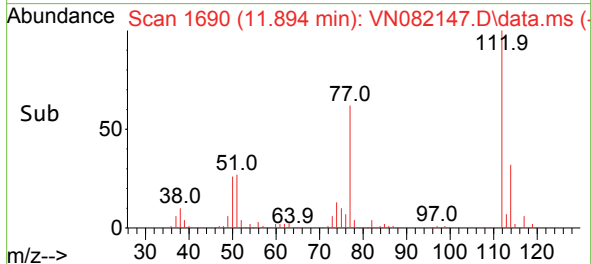
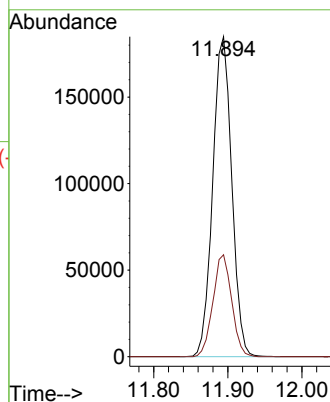
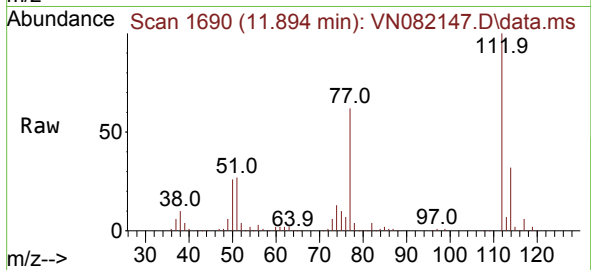




#65
Chlorobenzene
Concen: 49.606 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

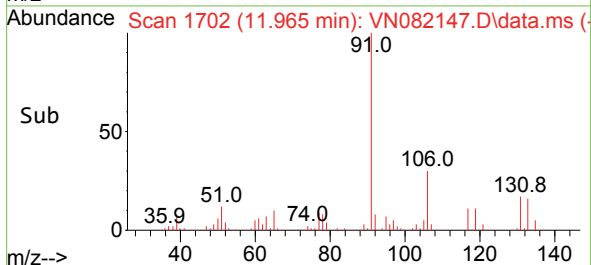
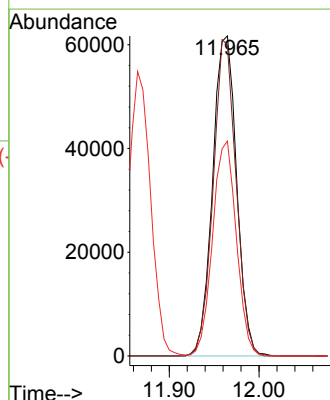
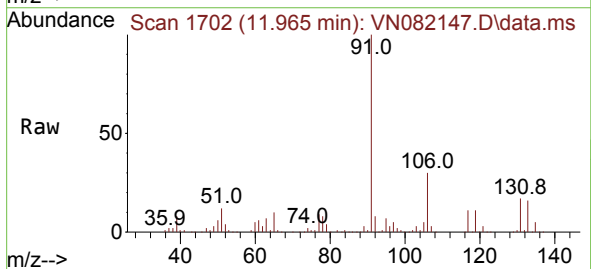
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

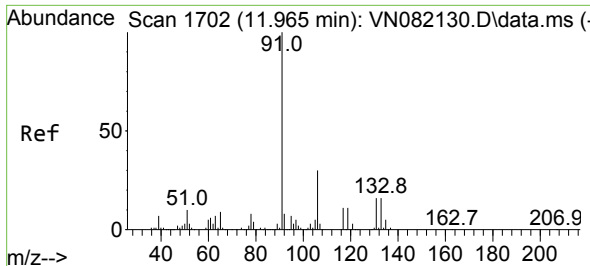
Tgt Ion:112 Resp: 329299
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.314 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion:131 Resp: 114389
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 66.5 32.9 98.7

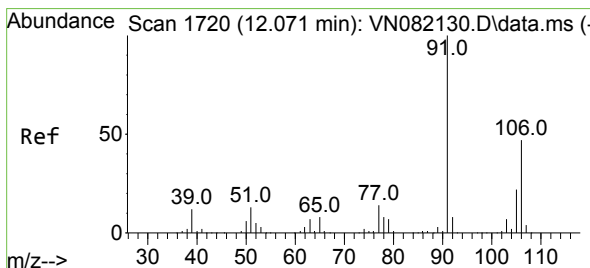
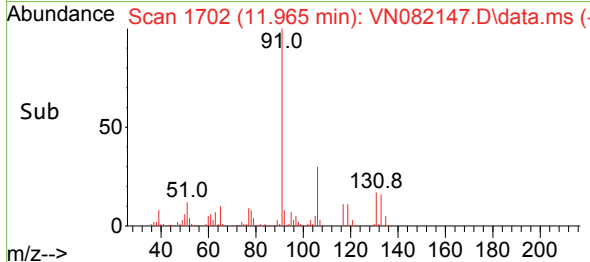
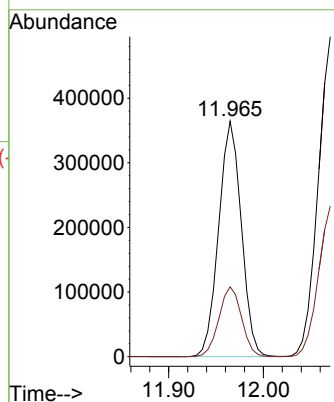
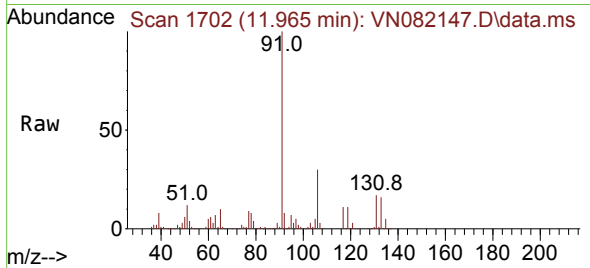




#67
Ethyl Benzene
Concen: 50.957 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

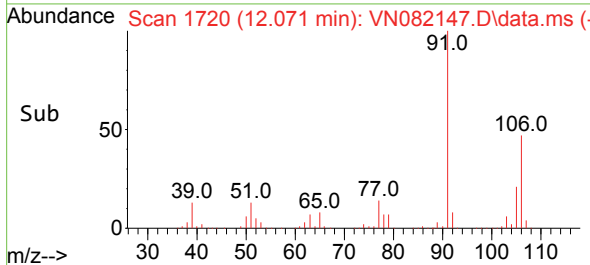
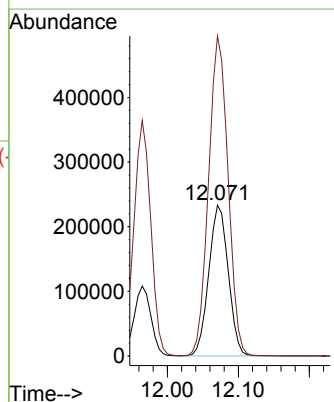
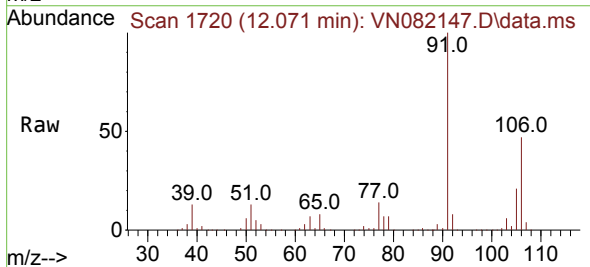
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

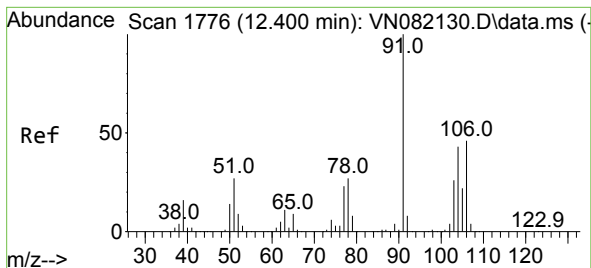
Tgt Ion: 91 Resp: 605111
Ion Ratio Lower Upper
91 100
106 29.7 25.3 37.9



#68
m/p-Xylenes
Concen: 102.131 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion:106 Resp: 444497
Ion Ratio Lower Upper
106 100
91 212.6 159.4 239.0





#69

o-Xylene

Concen: 51.534 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

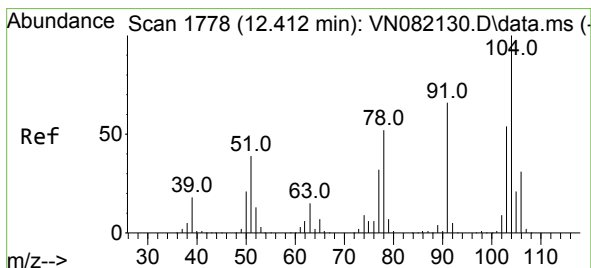
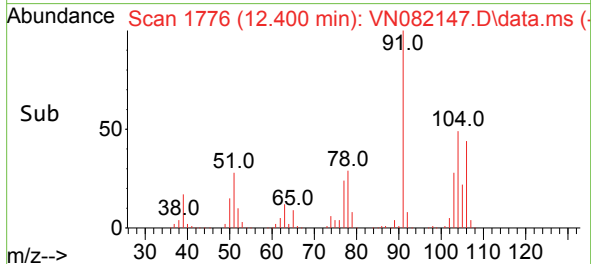
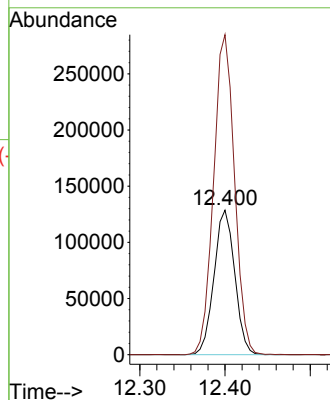
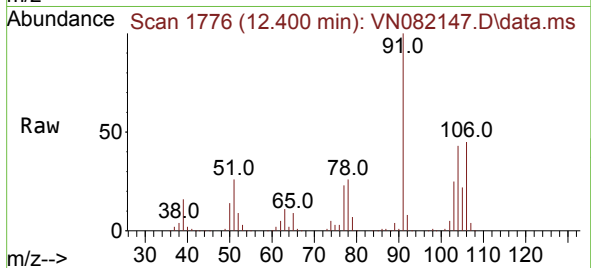
VSTDCCC050EC

Tgt Ion:106 Resp: 217261

Ion Ratio Lower Upper

106 100

91 223.9 104.7 314.1



#70

Styrene

Concen: 53.647 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

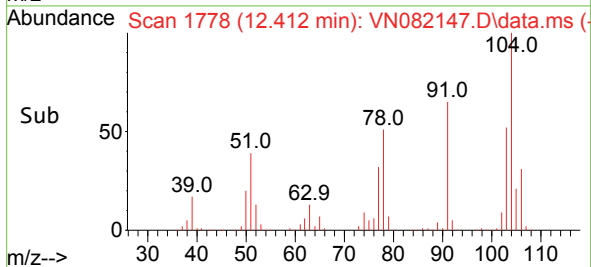
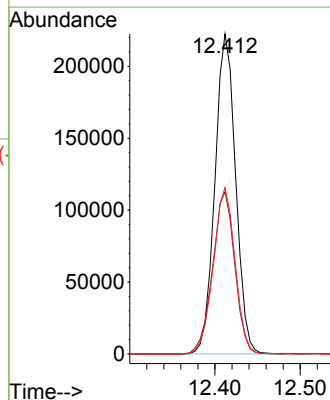
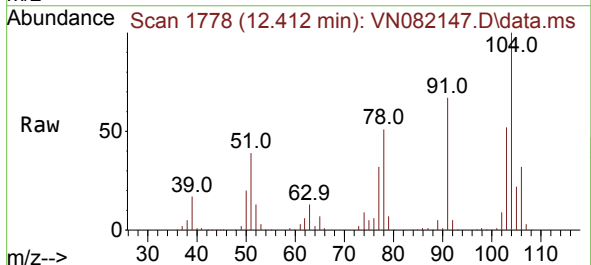
Tgt Ion:104 Resp: 375667

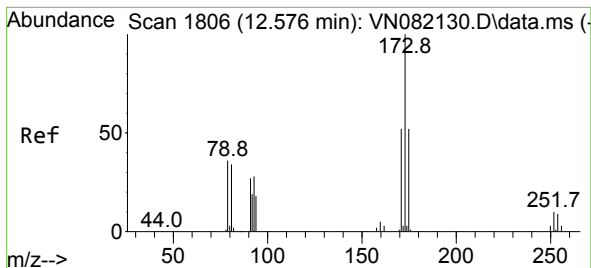
Ion Ratio Lower Upper

104 100

78 54.1 38.6 58.0

103 54.6 43.8 65.6





#71

Bromoform

Concen: 50.466 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

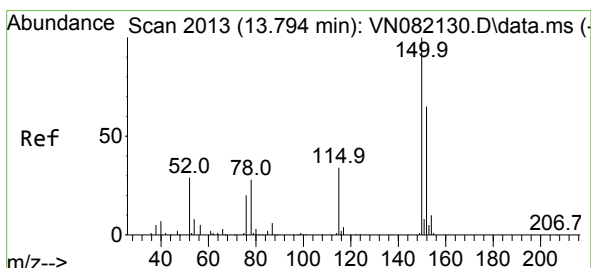
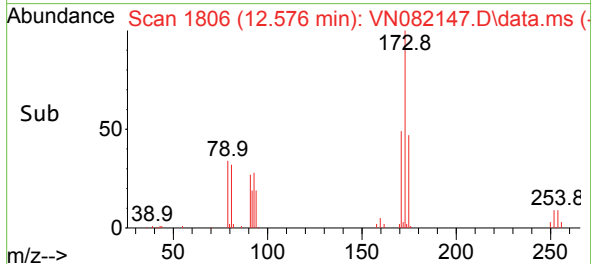
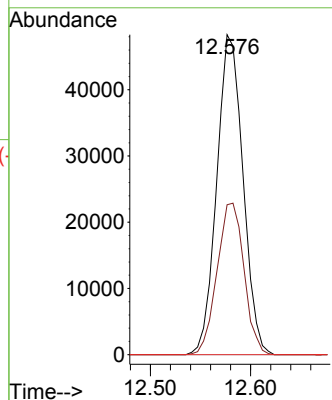
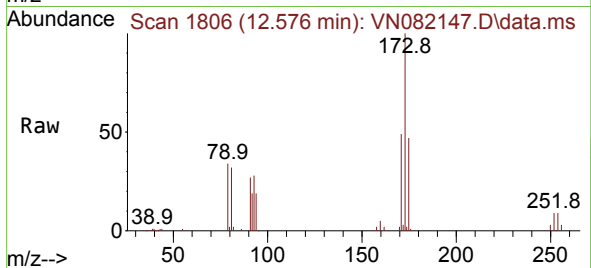
Tgt Ion:173 Resp: 87776

Ion Ratio Lower Upper

173 100

175 48.6 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

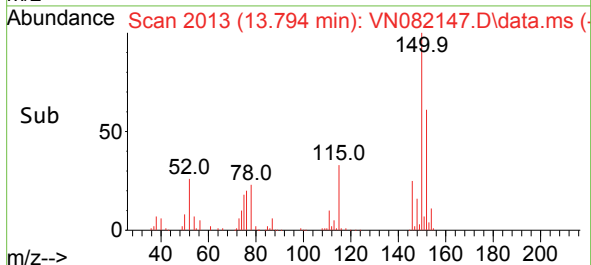
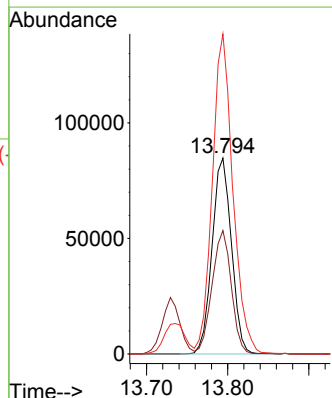
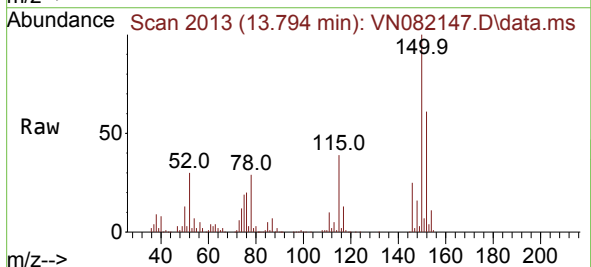
Tgt Ion:152 Resp: 140689

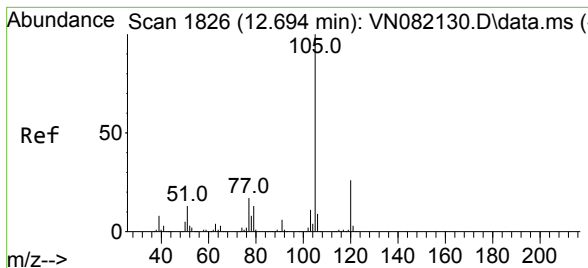
Ion Ratio Lower Upper

152 100

115 62.6 30.4 91.3

150 173.1 0.0 353.2





#73

Isopropylbenzene

Concen: 50.258 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

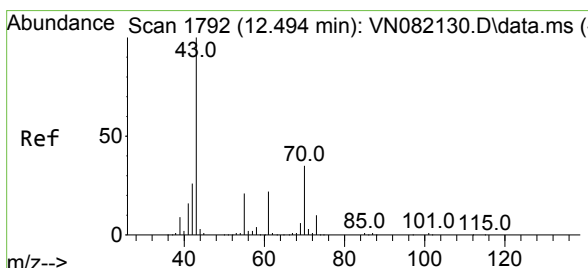
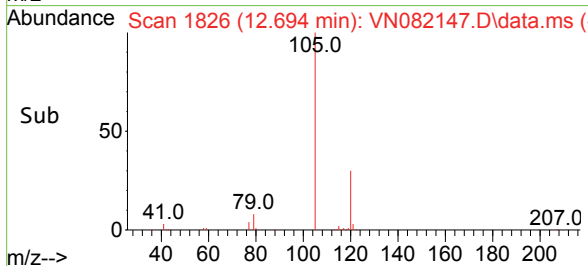
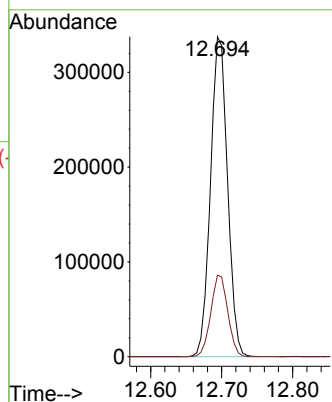
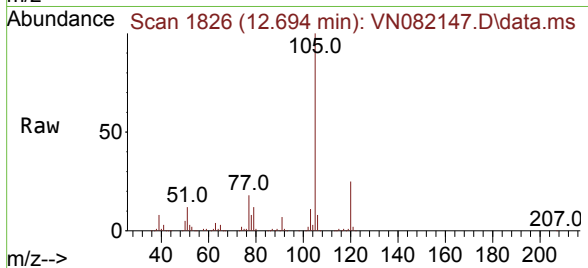
VSTDCCC050EC

Tgt Ion:105 Resp: 561733

Ion Ratio Lower Upper

105 100

120 25.3 13.4 40.1



#74

N-ethyl acetate

Concen: 51.377 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Tgt Ion: 43 Resp: 315862

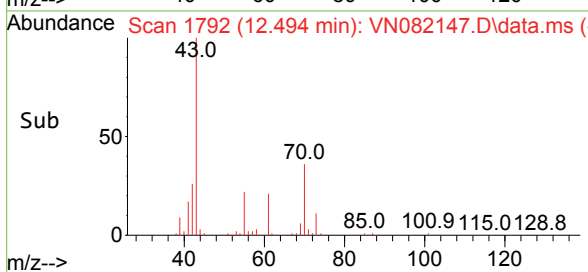
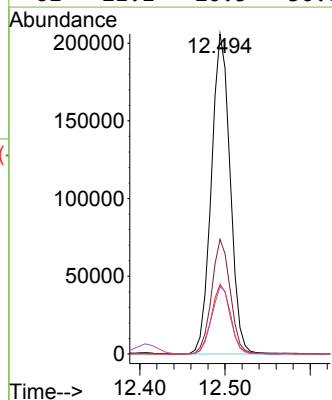
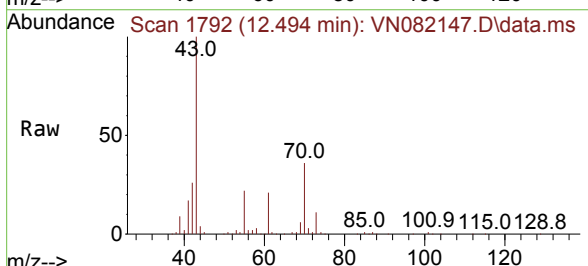
Ion Ratio Lower Upper

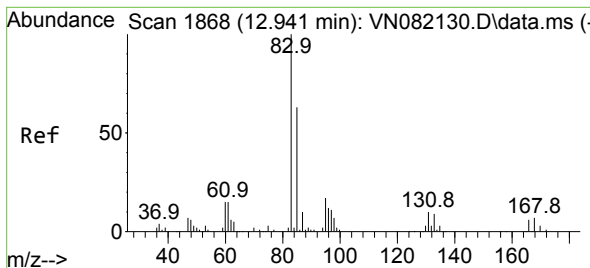
43 100

70 35.4 39.0 58.4#

55 22.2 21.3 31.9

61 21.1 20.5 30.7





#75

1,1,2-Tetrachloroethane

Concen: 50.569 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

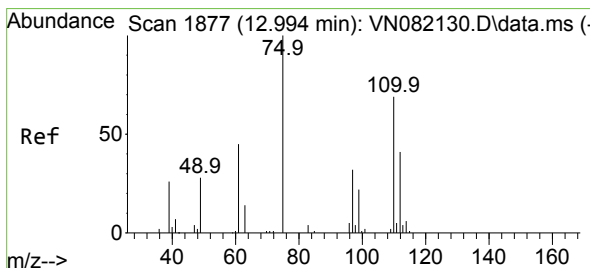
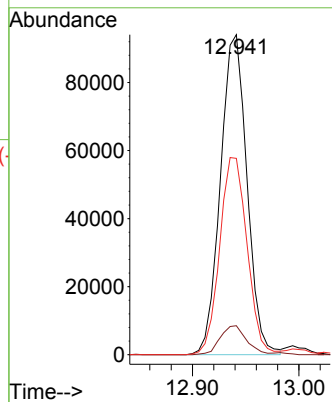
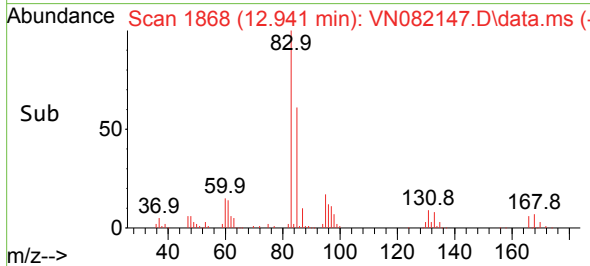
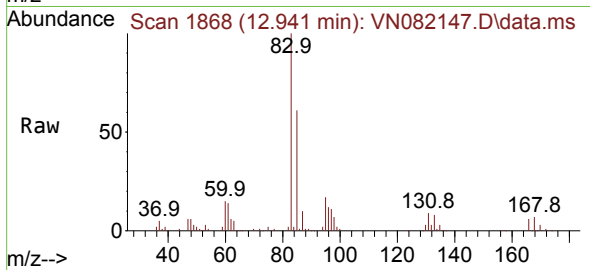
Tgt Ion: 83 Resp: 162927

Ion Ratio Lower Upper

83 100

131 9.3 5.5 16.4

85 63.6 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 76.479 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082147.D

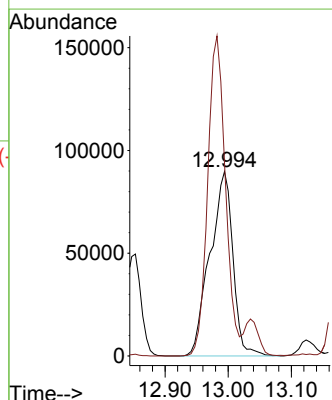
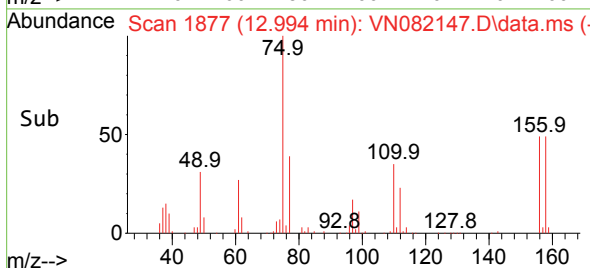
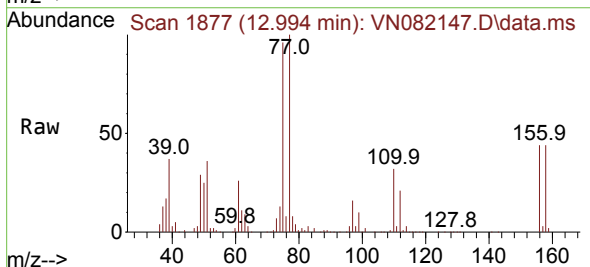
Acq: 15 May 2024 21:37

Tgt Ion: 75 Resp: 226468

Ion Ratio Lower Upper

75 100

77 134.0 90.5 271.3

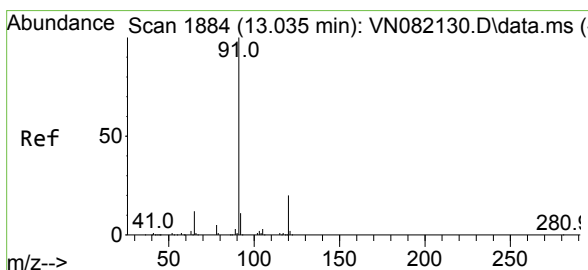
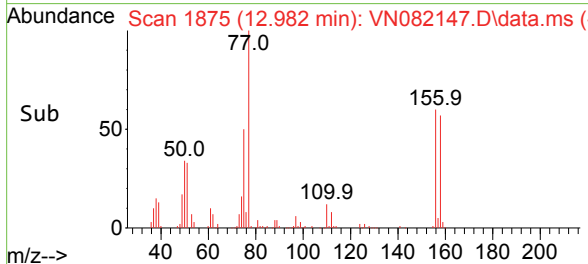
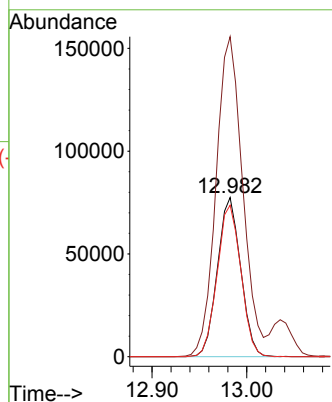
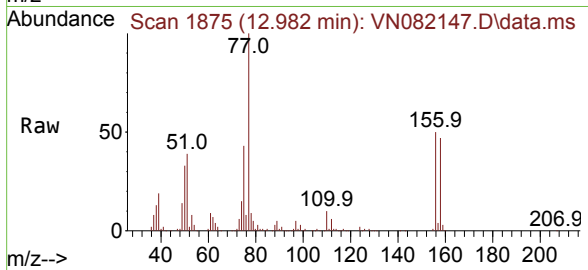




#77
Bromobenzene
Concen: 49.617 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

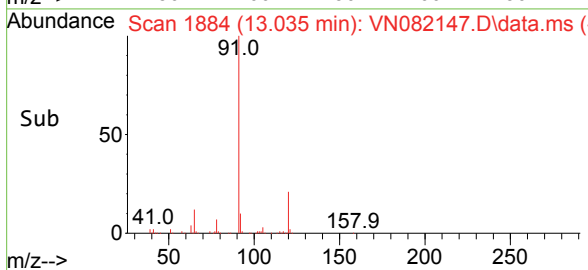
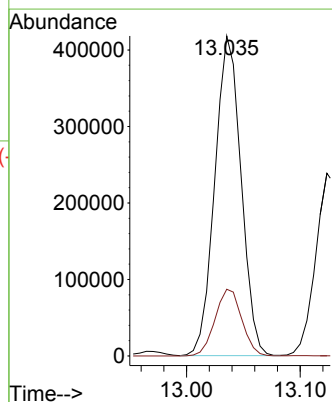
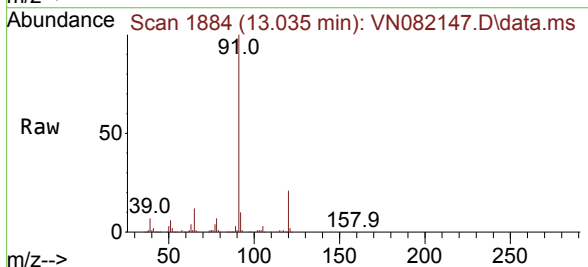
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

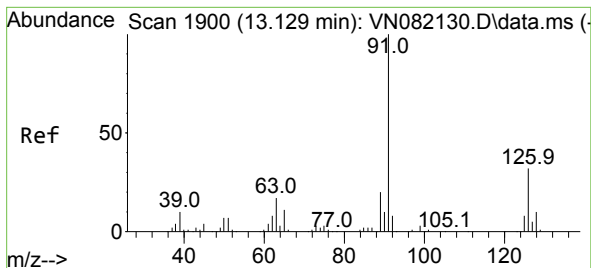
Tgt Ion:156 Resp: 132160
Ion Ratio Lower Upper
156 100
77 229.7 100.2 300.6
158 97.1 49.1 147.3



#78
n-propylbenzene
Concen: 50.735 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 91 Resp: 671496
Ion Ratio Lower Upper
91 100
120 21.3 11.7 35.0

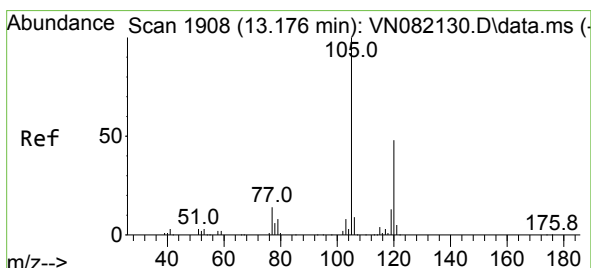
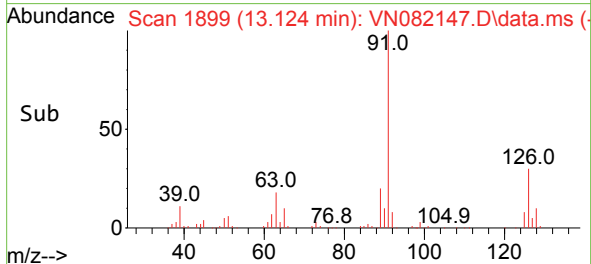
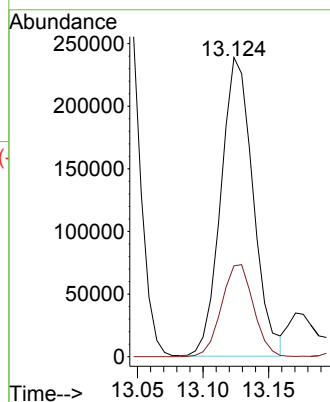
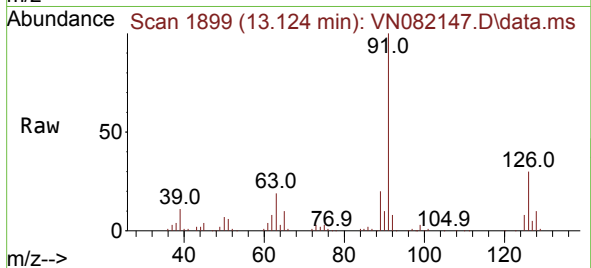




#79
2-Chlorotoluene
Concen: 49.150 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

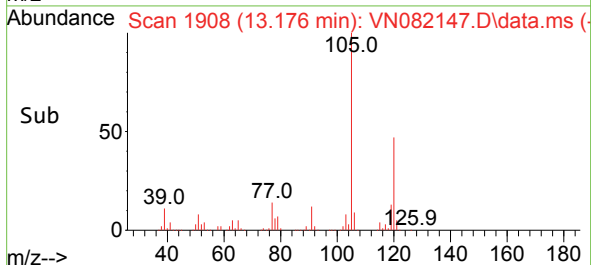
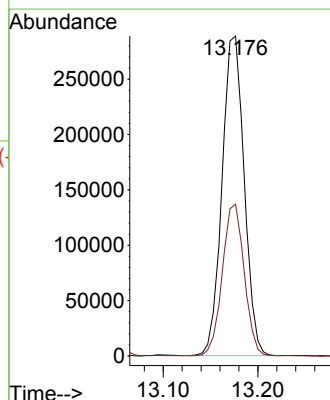
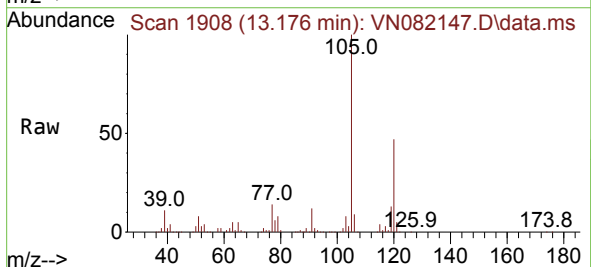
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

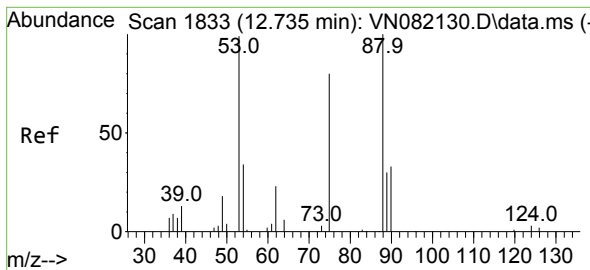
Tgt Ion: 91 Resp: 408484
Ion Ratio Lower Upper
91 100
126 30.5 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 51.833 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 105 Resp: 468449
Ion Ratio Lower Upper
105 100
120 47.1 24.8 74.3

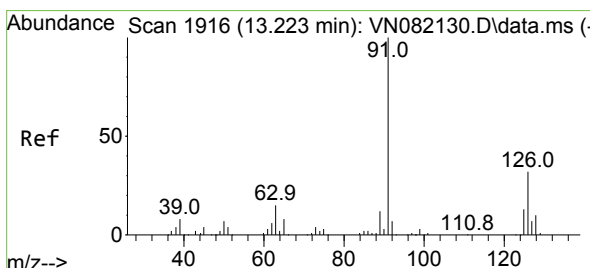
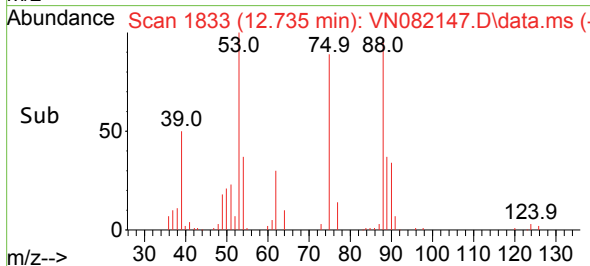
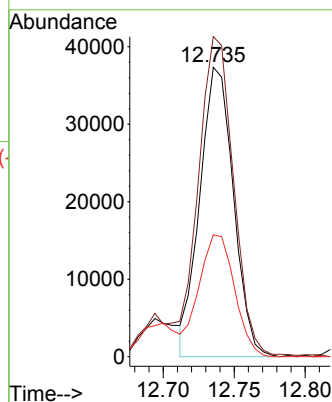
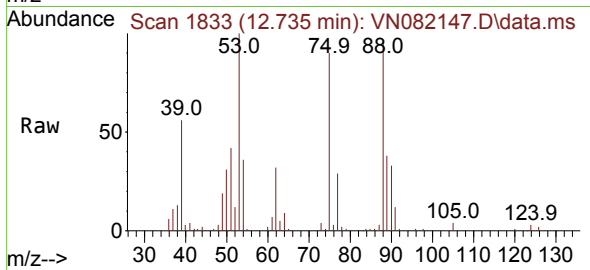




#81
trans-1,4-Dichloro-2-butene
Concen: 48.560 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

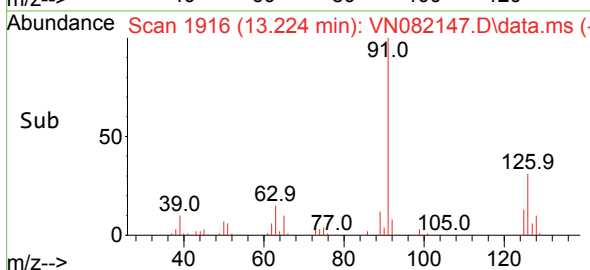
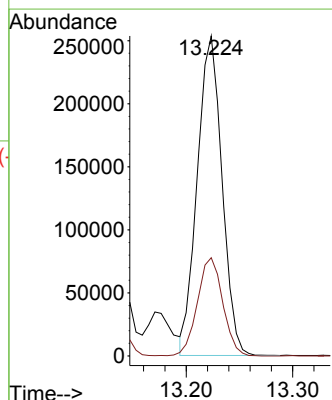
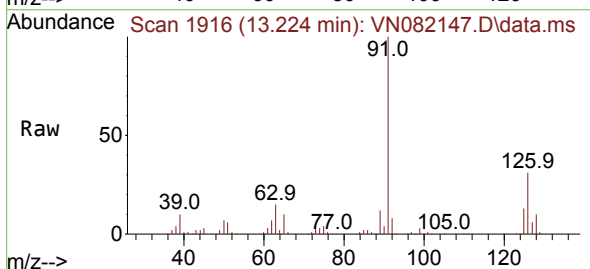
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

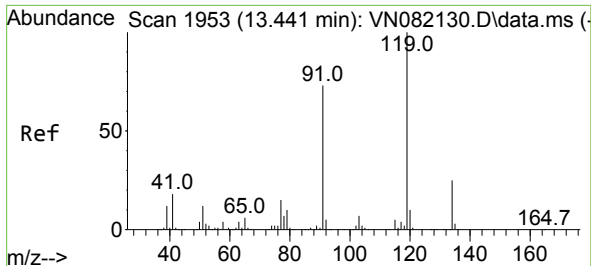
Tgt Ion: 75 Resp: 61478
Ion Ratio Lower Upper
75 100
53 118.3 72.9 109.3#
89 44.7 39.1 58.7



#82
4-Chlorotoluene
Concen: 50.423 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 91 Resp: 409731
Ion Ratio Lower Upper
91 100
126 31.6 17.4 52.3

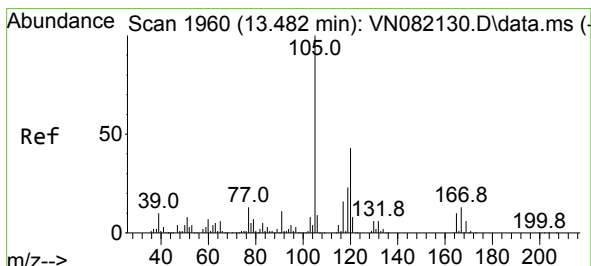
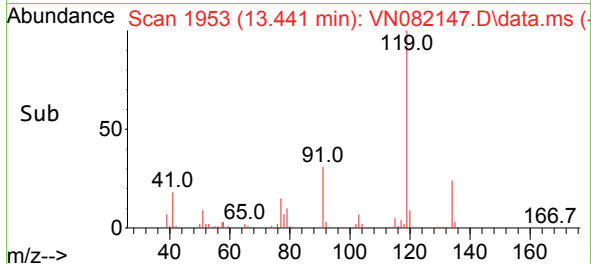
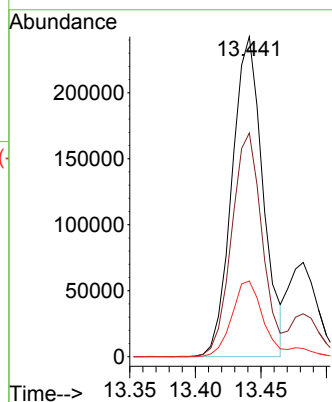
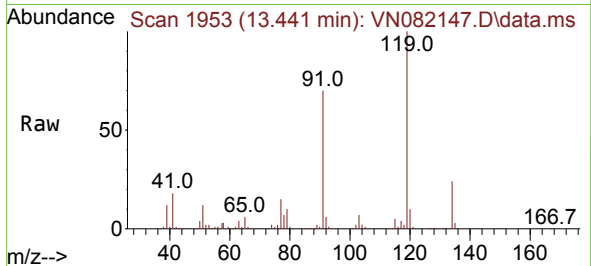




#83
 tert-Butylbenzene
 Concen: 50.502 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

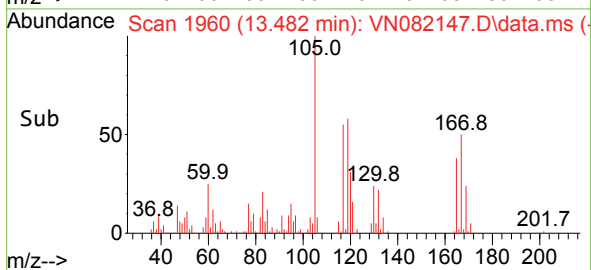
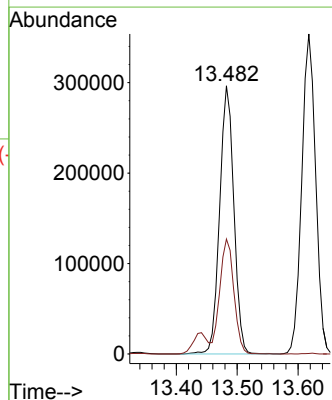
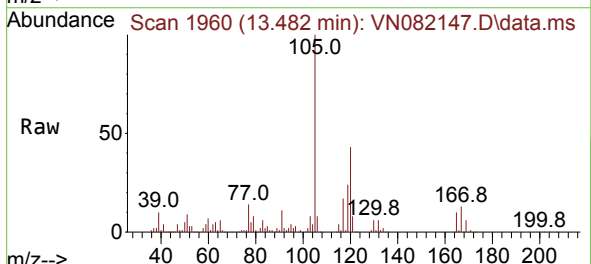
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

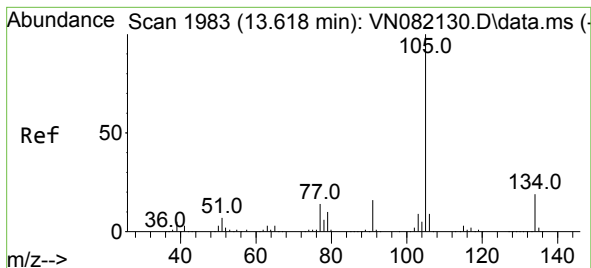
Tgt Ion:119 Resp: 399296
 Ion Ratio Lower Upper
 119 100
 91 68.8 32.6 97.8
 134 23.8 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.922 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082147.D
 Acq: 15 May 2024 21:37

Tgt Ion:105 Resp: 480083
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.9 68.7





#85

sec-Butylbenzene

Concen: 51.143 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

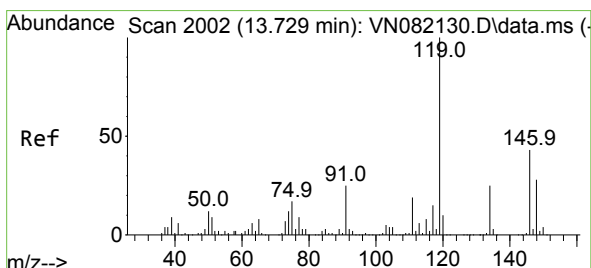
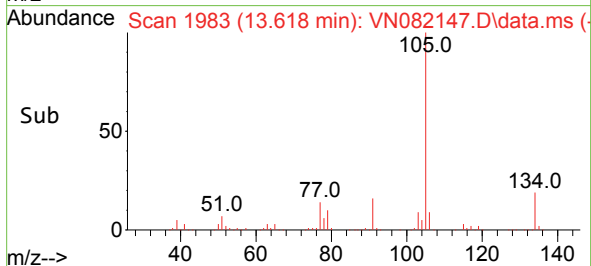
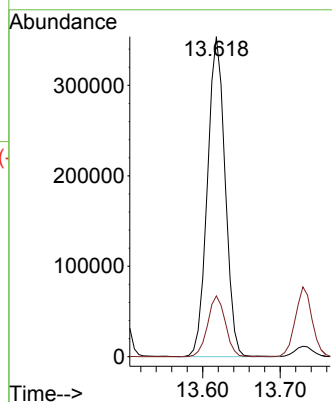
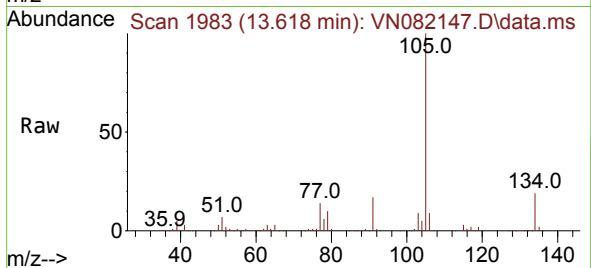
VSTDCCC050EC

Tgt Ion:105 Resp: 560486

Ion Ratio Lower Upper

105 100

134 18.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.326 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

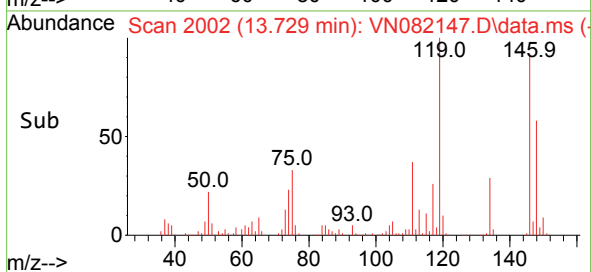
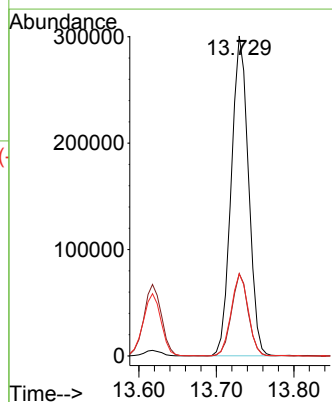
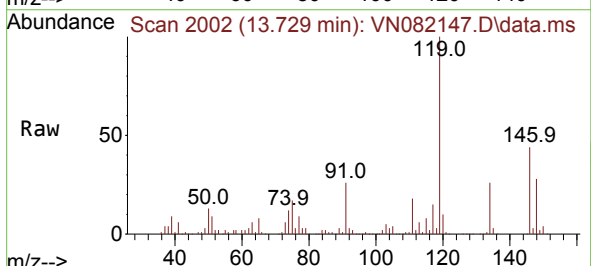
Tgt Ion:119 Resp: 466042

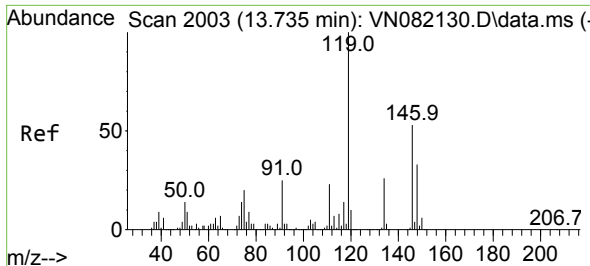
Ion Ratio Lower Upper

119 100

134 24.9 13.2 39.5

91 25.5 11.8 35.3

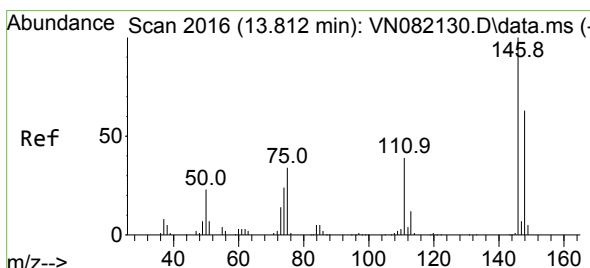
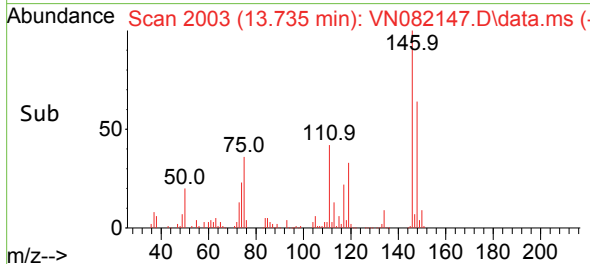
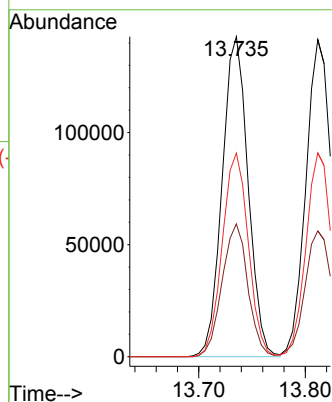
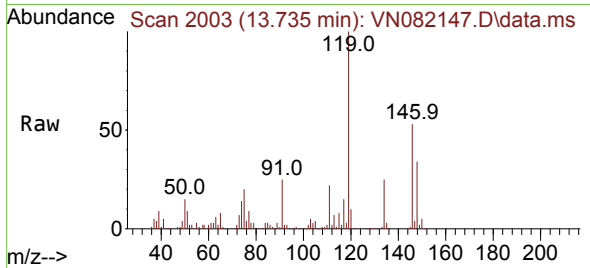




#87
1,3-Dichlorobenzene
Concen: 49.939 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

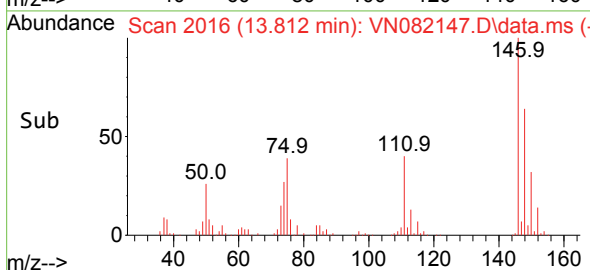
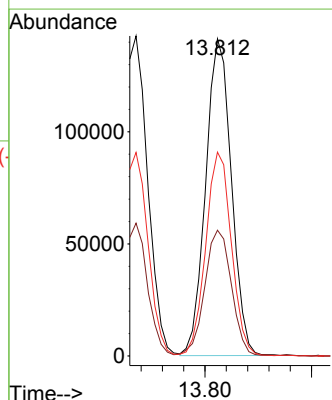
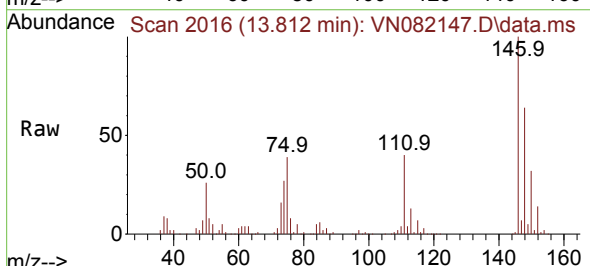
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

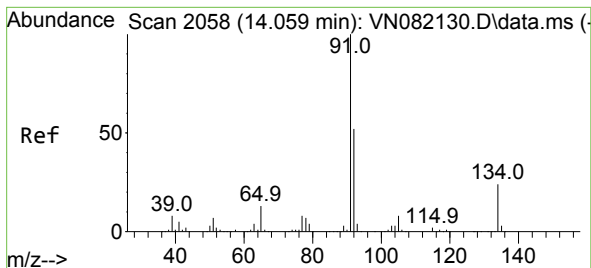
Tgt Ion:146 Resp: 240989
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.5
148 63.9 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 48.246 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion:146 Resp: 237620
Ion Ratio Lower Upper
146 100
111 41.5 19.3 57.9
148 64.0 31.3 93.9





#89

n-Butylbenzene

Concen: 50.561 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

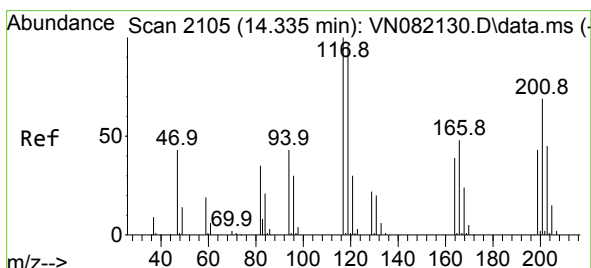
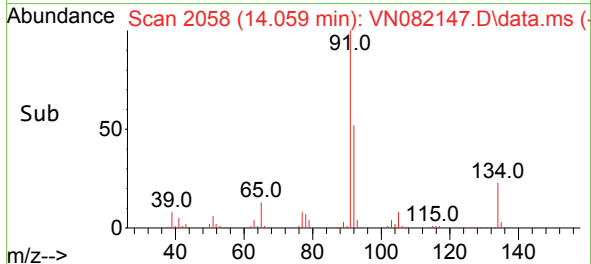
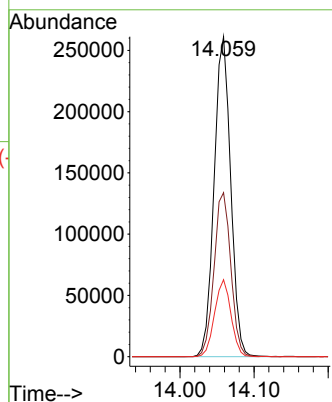
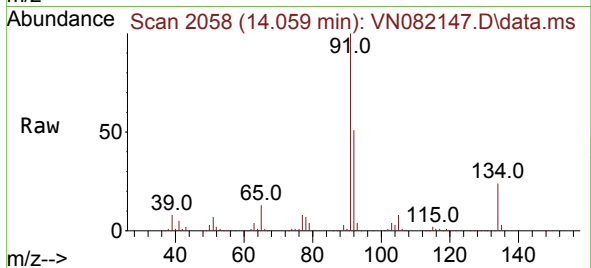
Tgt Ion: 91 Resp: 404751

Ion Ratio Lower Upper

91 100

92 52.0 26.2 78.5

134 23.9 13.2 39.5



#90

Hexachloroethane

Concen: 51.057 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082147.D

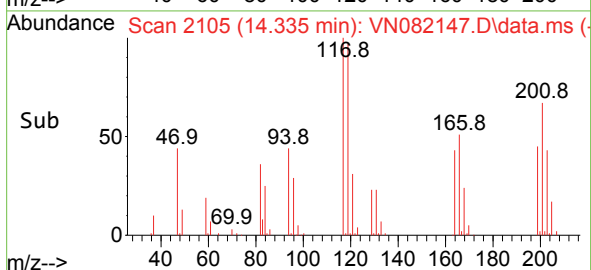
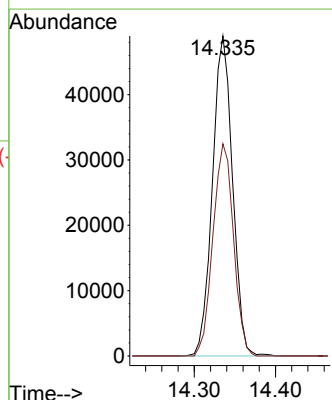
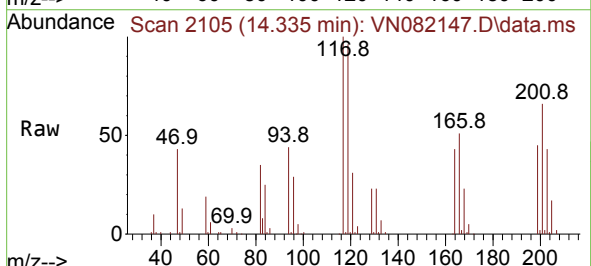
Acq: 15 May 2024 21:37

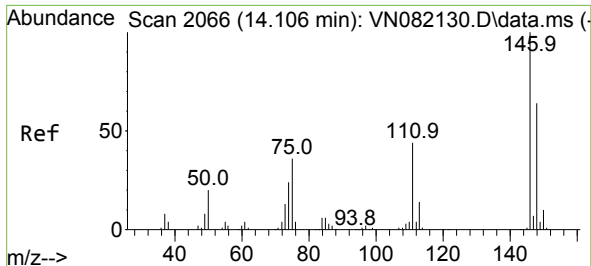
Tgt Ion: 117 Resp: 84253

Ion Ratio Lower Upper

117 100

201 67.8 33.3 99.8

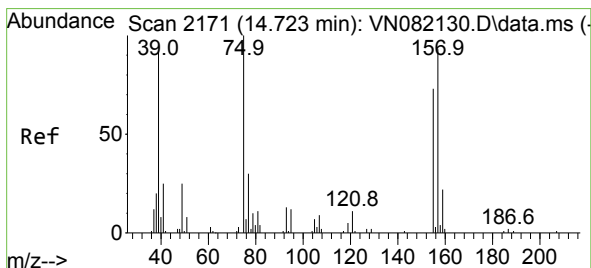
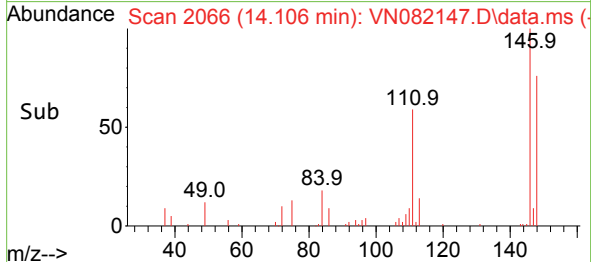
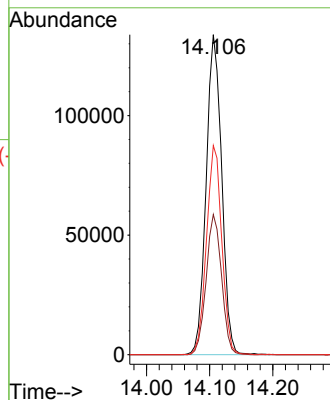
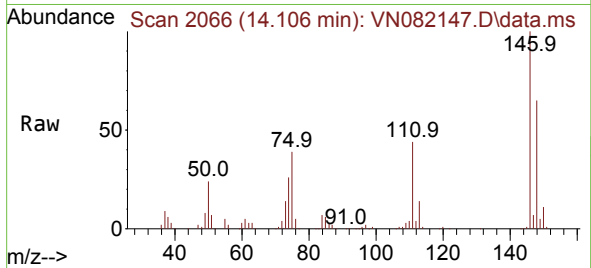




#91
1,2-Dichlorobenzene
Concen: 50.072 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

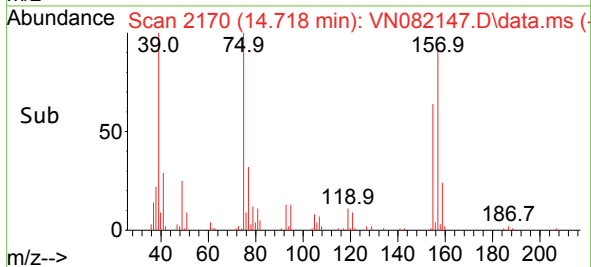
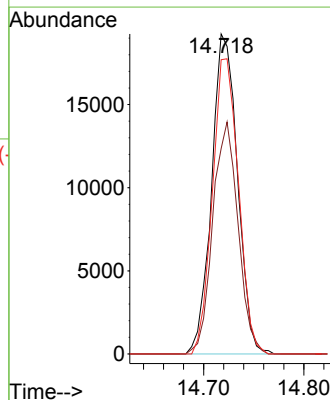
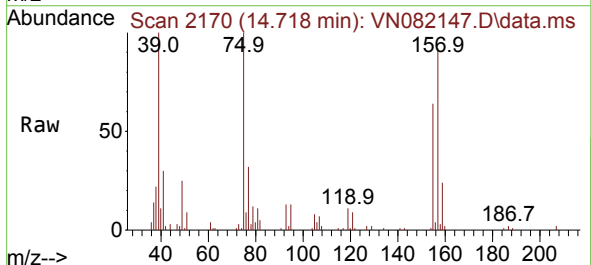
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

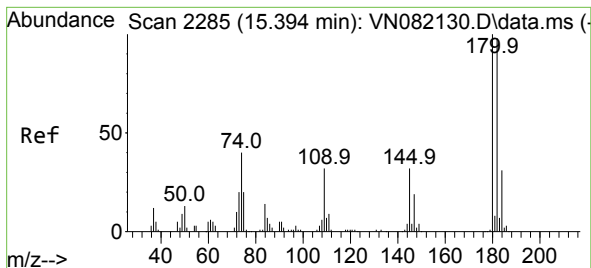
Tgt Ion:146 Resp: 228718
Ion Ratio Lower Upper
146 100
111 43.5 21.3 64.0
148 64.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.027 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion: 75 Resp: 34440
Ion Ratio Lower Upper
75 100
155 71.2 42.6 128.0
157 93.1 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 50.047 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

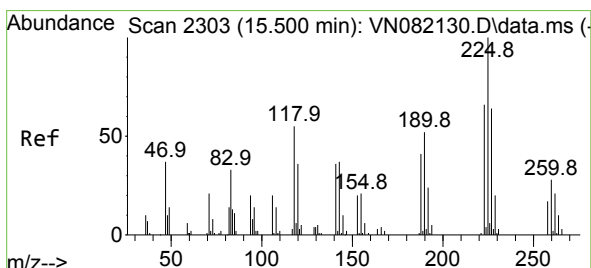
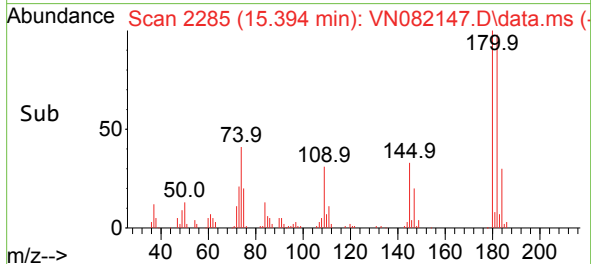
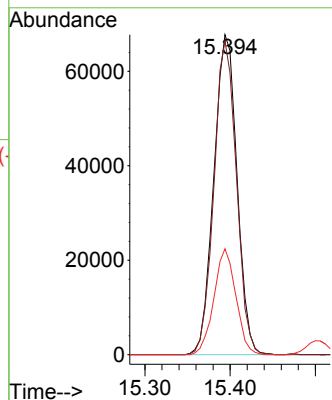
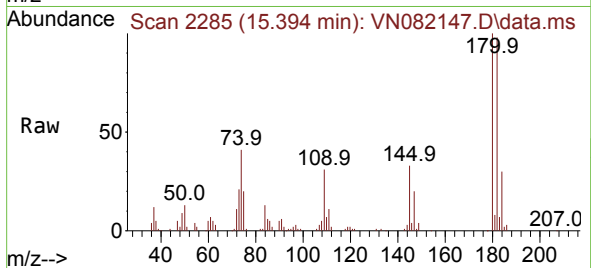
Tgt Ion:180 Resp: 128142

Ion Ratio Lower Upper

180 100

182 95.2 46.7 140.0

145 31.4 16.2 48.6



#94

Hexachlorobutadiene

Concen: 44.775 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN082147.D

Acq: 15 May 2024 21:37

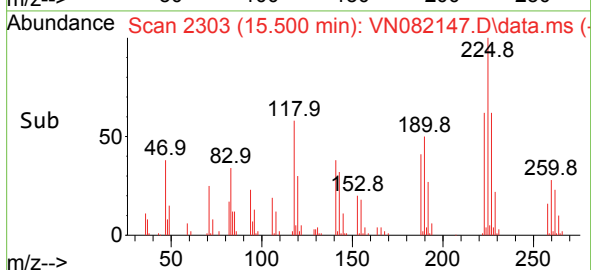
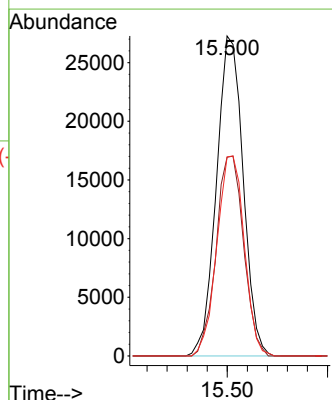
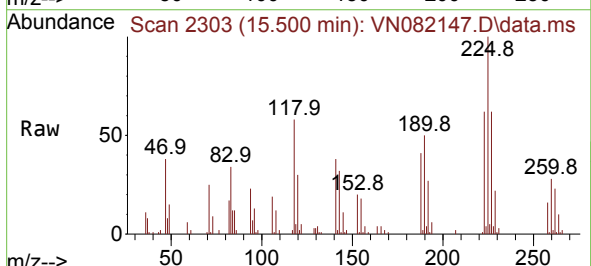
Tgt Ion:225 Resp: 50305

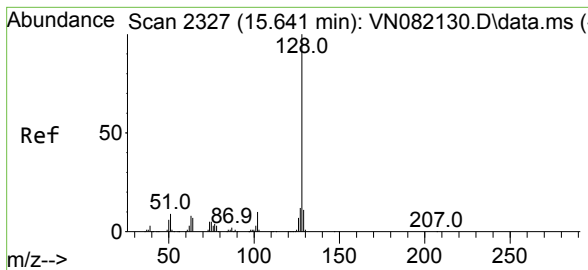
Ion Ratio Lower Upper

225 100

223 64.3 31.1 93.2

227 64.0 30.6 91.6

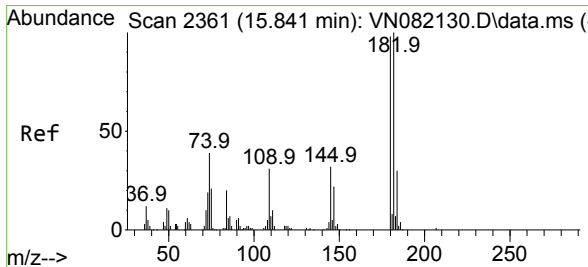
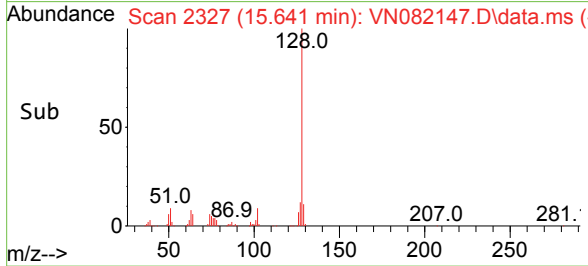
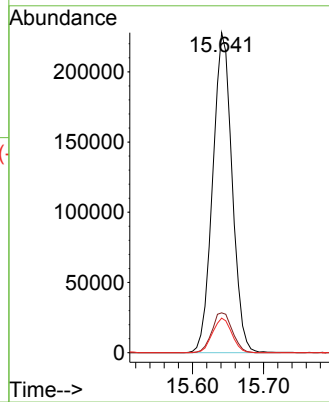
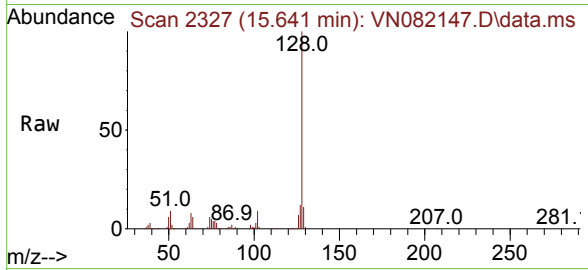




#95
Naphthalene
Concen: 53.782 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 431545
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.050 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082147.D
Acq: 15 May 2024 21:37

Tgt Ion:180 Resp: 130851
Ion Ratio Lower Upper
180 100
182 94.9 46.0 137.8
145 33.4 17.1 51.3

