

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080149.D
 Acq On : 16 Nov 2023 21:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 17 01:29:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	250905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	394917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	358024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	205315	49.559	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.120%
35) Dibromofluoromethane	8.171	113	146904	50.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.820%
50) Toluene-d8	10.571	98	550290	52.387	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.780%
62) 4-Bromofluorobenzene	12.853	95	205643	51.830	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	174733	46.753	ug/l	97
3) Chloromethane	2.359	50	128069	45.578	ug/l	100
4) Vinyl Chloride	2.512	62	142445	47.903	ug/l	98
5) Bromomethane	2.942	94	88301	43.742	ug/l	97
6) Chloroethane	3.112	64	87853	47.676	ug/l	99
7) Trichlorofluoromethane	3.495	101	292088	47.087	ug/l	96
8) Diethyl Ether	3.959	74	84952	47.090	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	130263	45.944	ug/l	95
10) Methyl Iodide	4.589	142	158520	51.734	ug/l	91
11) Tert butyl alcohol	5.530	59	116396	255.488	ug/l	98
12) 1,1-Dichloroethene	4.336	96	129800	48.946	ug/l	90
13) Acrolein	4.177	56	103651	257.080	ug/l	98
14) Allyl chloride	5.024	41	160205	48.017	ug/l	93
15) Acrylonitrile	5.718	53	320452	262.015	ug/l	99
16) Acetone	4.430	43	255083	183.318	ug/l	98
17) Carbon Disulfide	4.712	76	351898	44.441	ug/l	99
18) Methyl Acetate	5.018	43	210466	47.075	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	463977	49.543	ug/l	99
20) Methylene Chloride	5.271	84	147837	50.734	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	138474	47.531	ug/l #	79
22) Diisopropyl ether	6.677	45	375169	50.824	ug/l	96
23) Vinyl Acetate	6.606	43	1153915	260.019	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	256976	47.797	ug/l	99
25) 2-Butanone	7.483	43	371847	224.920	ug/l	92
26) 2,2-Dichloropropane	7.494	77	230179	43.153	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	159447	48.273	ug/l	88
28) Bromochloromethane	7.812	49	106397	50.338	ug/l	92
29) Tetrahydrofuran	7.841	42	246541	277.766	ug/l	90
30) Chloroform	7.965	83	290404	48.326	ug/l	94
31) Cyclohexane	8.259	56	202567	44.961	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	283487	48.374	ug/l	98
36) 1,1-Dichloropropene	8.377	75	210863	49.981	ug/l	96
37) Ethyl Acetate	7.559	43	158639	54.211	ug/l	96
38) Carbon Tetrachloride	8.365	117	259093	48.395	ug/l	98
39) Methylcyclohexane	9.606	83	198139	48.709	ug/l #	89
40) Benzene	8.612	78	590529	49.250	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	84449	52.549	ug/l	93
42) 1,2-Dichloroethane	8.671	62	243811	49.701	ug/l	96
43) Isopropyl Acetate	8.694	43	264032	46.365	ug/l	97
44) Trichloroethene	9.353	130	150821	47.952	ug/l	99
45) 1,2-Dichloropropane	9.629	63	140828	50.540	ug/l	100
46) Dibromomethane	9.712	93	107161	50.804	ug/l	93
47) Bromodichloromethane	9.888	83	233873	50.405	ug/l	99
48) Methyl methacrylate	9.682	41	158705	54.080	ug/l	90
49) 1,4-Dioxane	9.700	88	53505	1095.935	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	806171	273.442	ug/l	97
52) Toluene	10.629	92	376961	50.235	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	233635	49.010	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	248679	51.060	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	141712	49.480	ug/l	97
56) Ethyl methacrylate	10.876	69	163134	55.756	ug/l	93
57) 1,3-Dichloropropane	11.165	76	250596	50.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	475709	288.601	ug/l	96
59) 2-Hexanone	11.200	43	594432	250.914	ug/l	97
60) Dibromochloromethane	11.365	129	172458	50.296	ug/l	99
61) 1,2-Dibromoethane	11.471	107	145111	49.665	ug/l	99
64) Tetrachloroethene	11.106	164	137508	50.327	ug/l	97
65) Chlorobenzene	11.894	112	388387	47.874	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	157660	50.079	ug/l	94
67) Ethyl Benzene	11.965	91	734436	50.876	ug/l	96
68) m/p-Xylenes	12.070	106	539935	102.583	ug/l	87
69) o-Xylene	12.400	106	260893	52.596	ug/l	88
70) Styrene	12.412	104	387188	52.443	ug/l	93
71) Bromoform	12.582	173	120852	51.764	ug/l #	99
73) Isopropylbenzene	12.700	105	694870	50.060	ug/l	98
74) N-amyl acetate	12.494	43	219504	50.709	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	194998	46.937	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	268732	61.400	ug/l	73
77) Bromobenzene	12.982	156	160983	46.000	ug/l	96
78) n-propylbenzene	13.041	91	774631	49.905	ug/l	99
79) 2-Chlorotoluene	13.129	91	493368	48.938	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	597011	49.408	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	62056	47.904	ug/l #	87
82) 4-Chlorotoluene	13.223	91	495779	48.004	ug/l	96
83) tert-Butylbenzene	13.441	119	473801	48.896	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	593001	49.840	ug/l	96
85) sec-Butylbenzene	13.617	105	608201	49.617	ug/l	100
86) p-Isopropyltoluene	13.735	119	553277	50.527	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	291713	46.265	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	291063	45.935	ug/l	97
89) n-Butylbenzene	14.059	91	439694	47.974	ug/l	99
90) Hexachloroethane	14.335	117	100063	46.874	ug/l	74
91) 1,2-Dichlorobenzene	14.112	146	286814	47.535	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	46710	48.405	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	152399	43.428	ug/l	96
94) Hexachlorobutadiene	15.506	225	79777	39.504	ug/l	99
95) Naphthalene	15.647	128	451350	44.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	146330	44.487	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

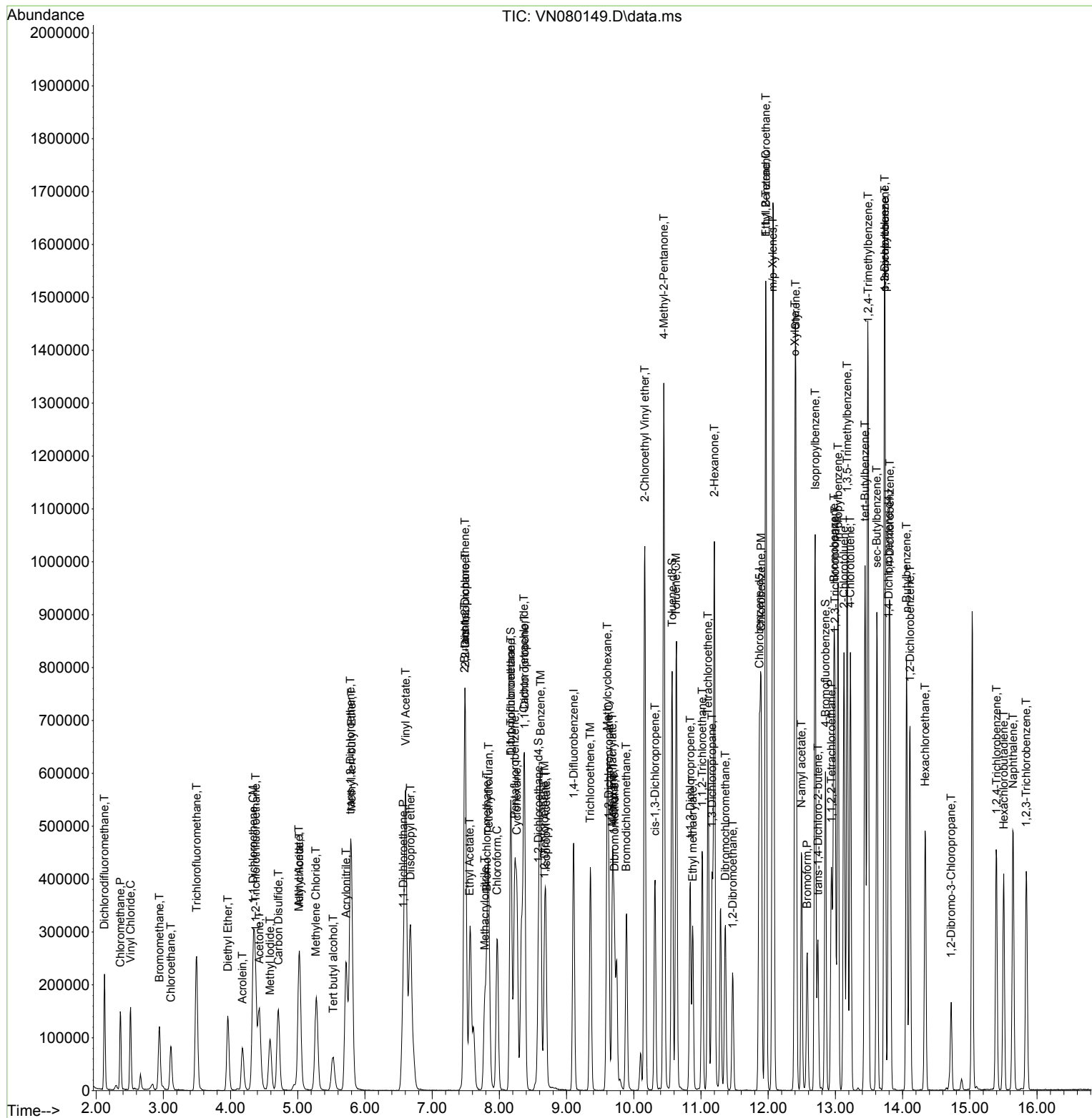
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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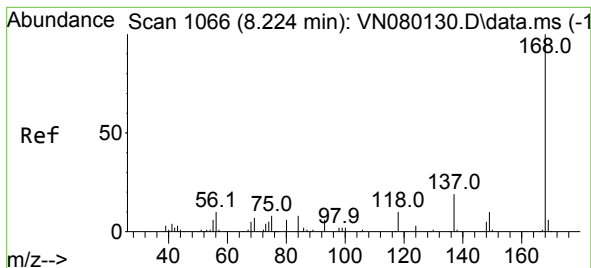
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN080149.D

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Instrument :

MSVOA_N

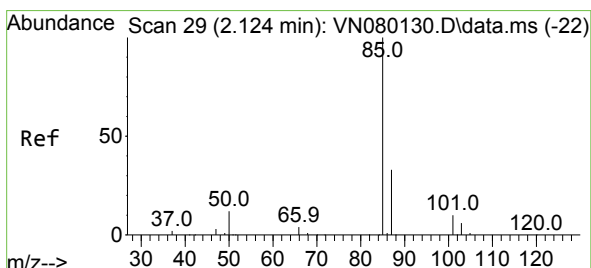
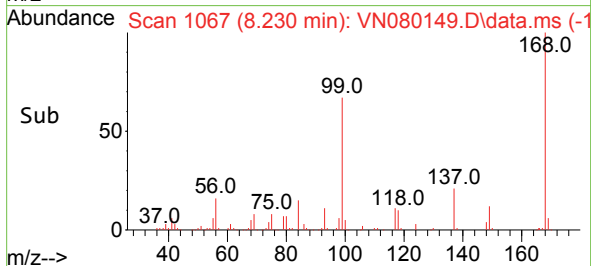
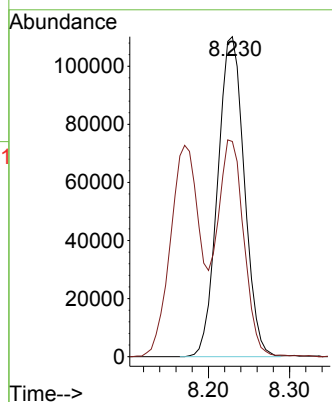
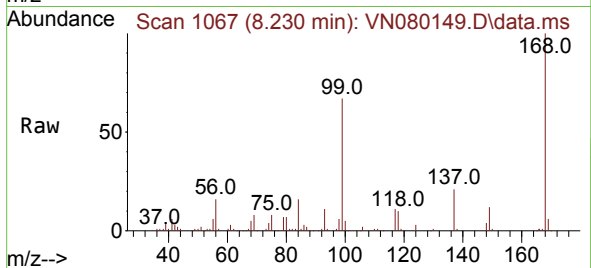
ClientSampleId :

Tgt Ion:168 Resp: 250905

Ion Ratio Lower Upper

168 100

99 66.7 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 46.753 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN080149.D

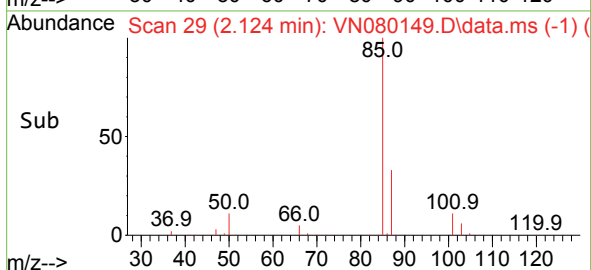
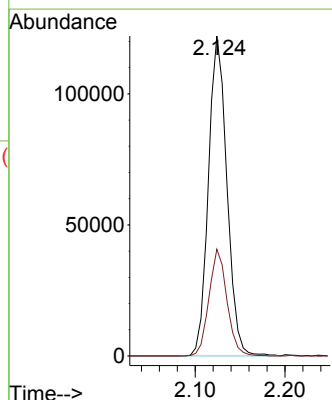
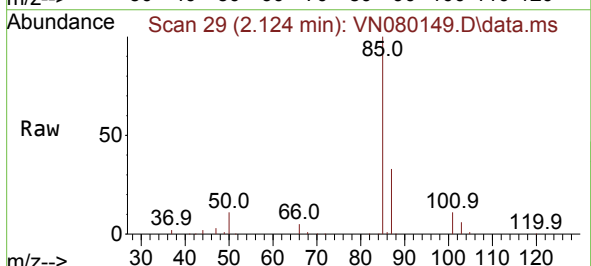
Acq: 16 Nov 2023 21:33

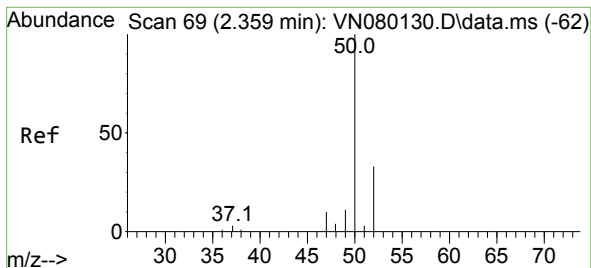
Tgt Ion: 85 Resp: 174733

Ion Ratio Lower Upper

85 100

87 33.3 15.8 47.4





#3

Chloromethane

Concen: 45.578 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

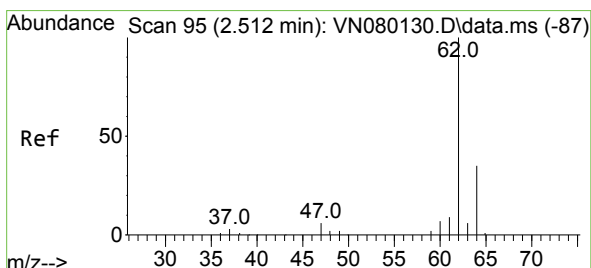
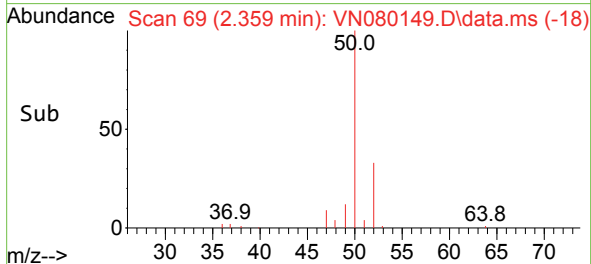
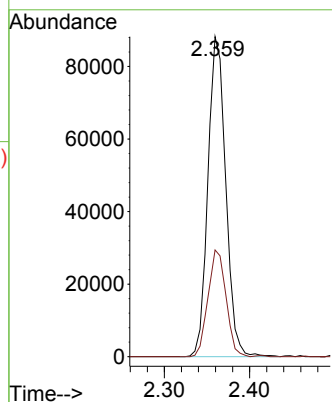
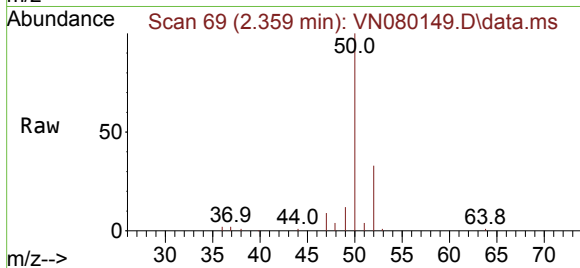
ClientSampleId :

Tgt Ion: 50 Resp: 128069

Ion Ratio Lower Upper

50 100

52 33.4 26.5 39.7



#4

Vinyl Chloride

Concen: 47.903 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN080149.D

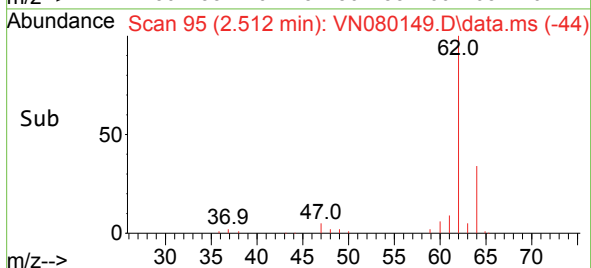
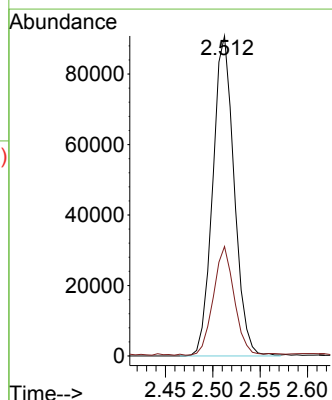
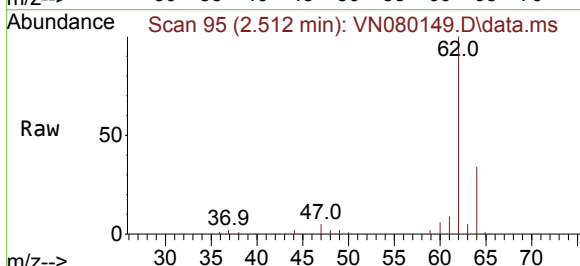
Acq: 16 Nov 2023 21:33

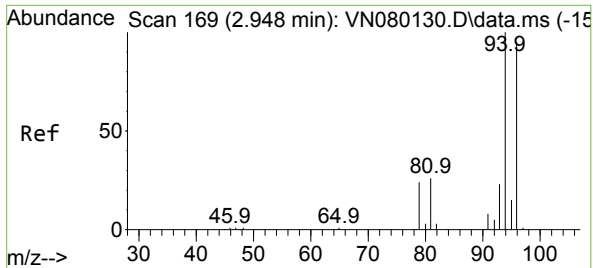
Tgt Ion: 62 Resp: 142445

Ion Ratio Lower Upper

62 100

64 33.7 26.2 39.2

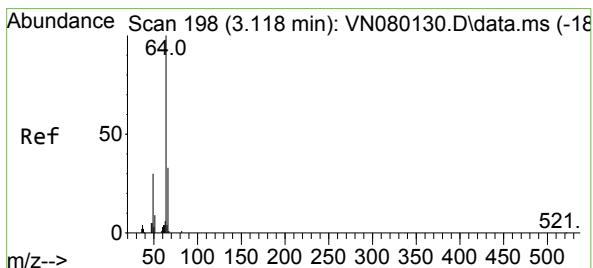
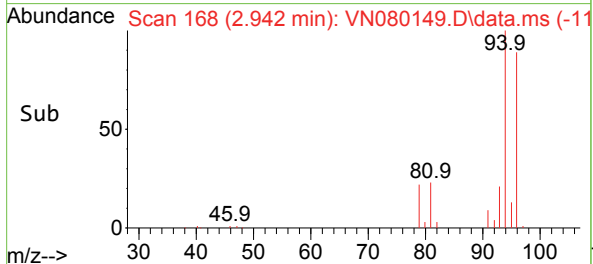
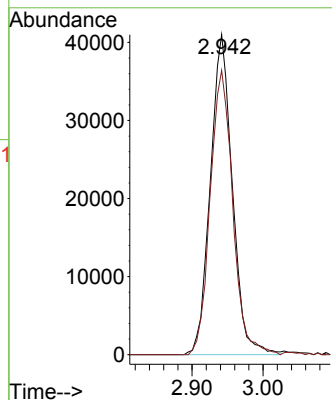
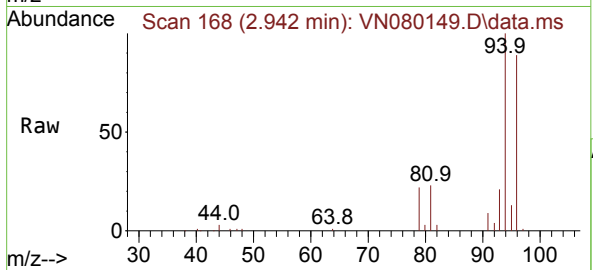




#5
Bromomethane
Concen: 43.742 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080149.D
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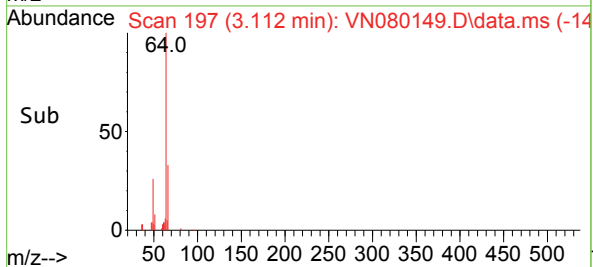
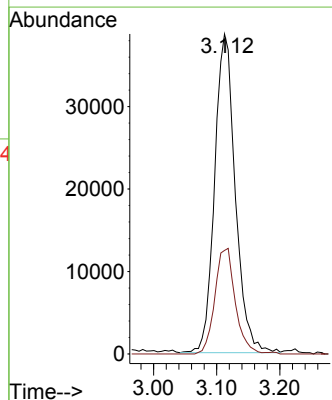
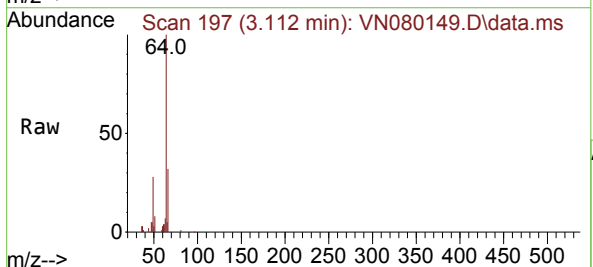
Instrument :
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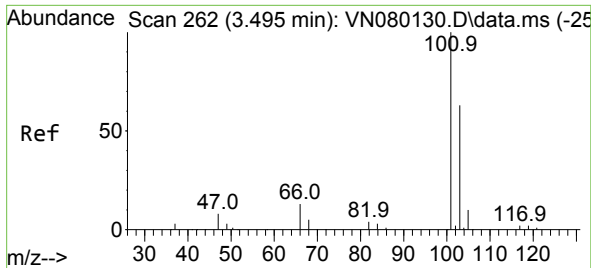
Tgt Ion: 94 Resp: 88301
Ion Ratio Lower Upper
94 100
96 88.8 73.1 109.7



#6
Chloroethane
Concen: 47.676 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 64 Resp: 87853
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2

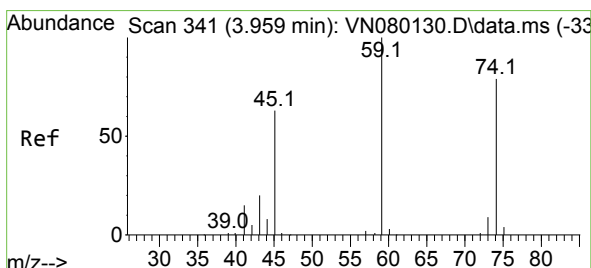
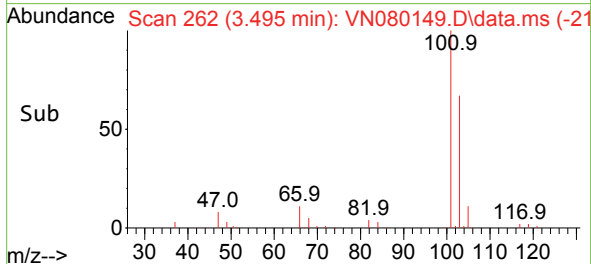
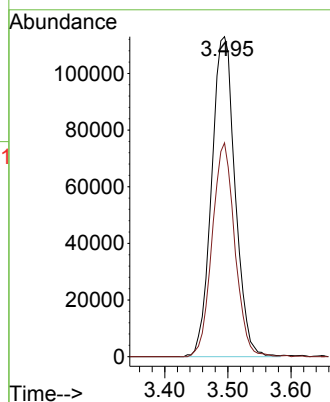
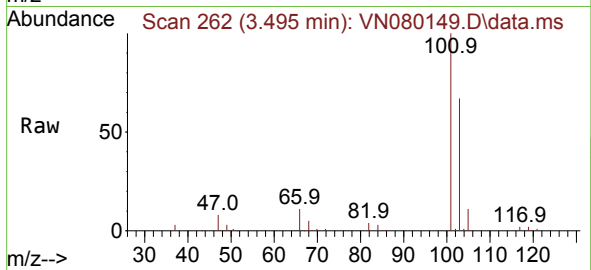




#7
 Trichlorofluoromethane
 Concen: 47.087 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN080149.D
 Acq: 16 Nov 2023 21:33

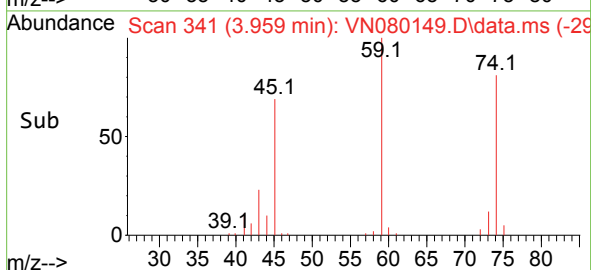
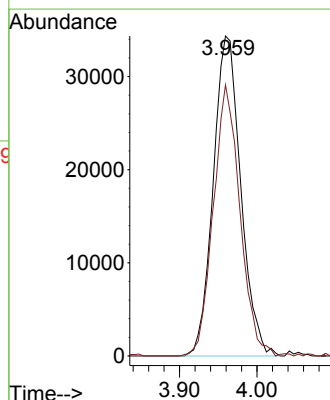
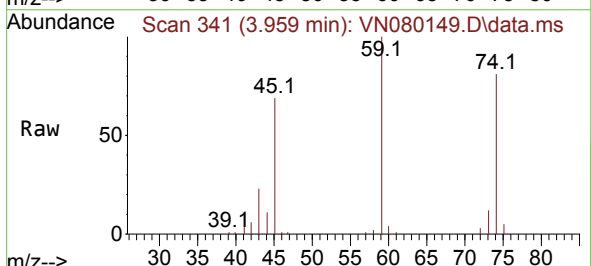
Instrument :
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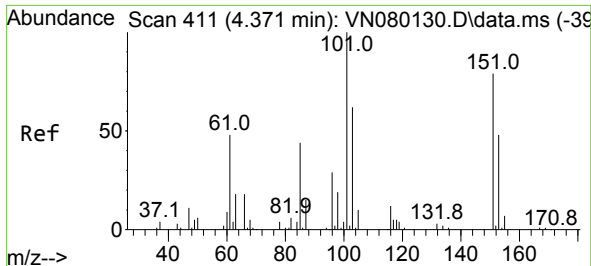
Tgt Ion:101 Resp: 292088
 Ion Ratio Lower Upper
 101 100
 103 66.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 47.090 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 84952
 Ion Ratio Lower Upper
 74 100
 45 81.8 34.4 103.3

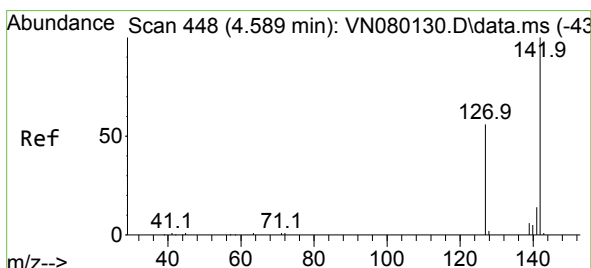
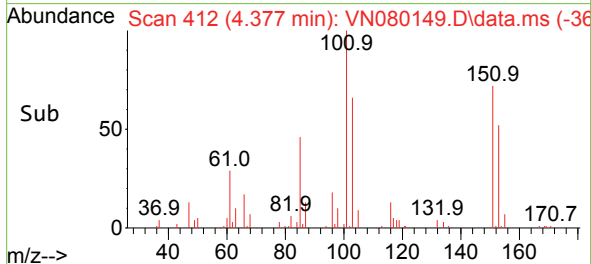
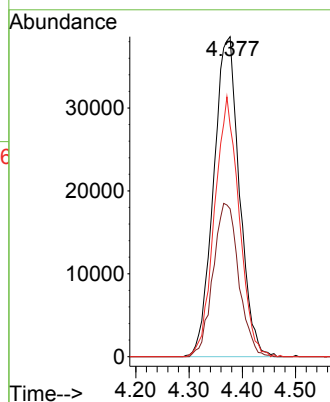
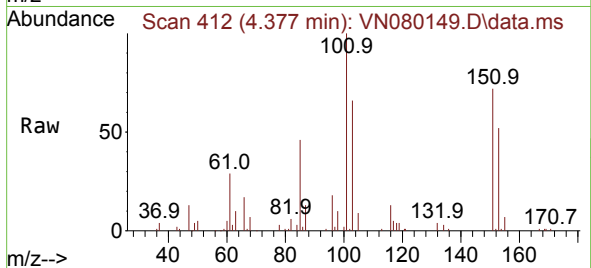




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.944 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

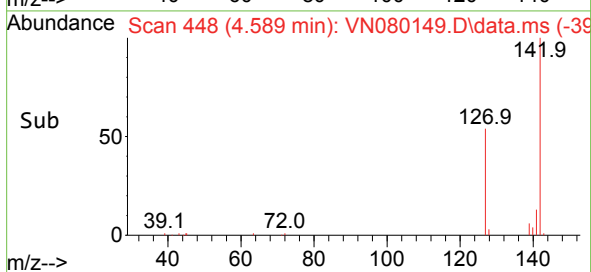
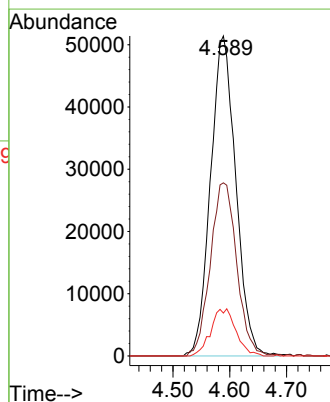
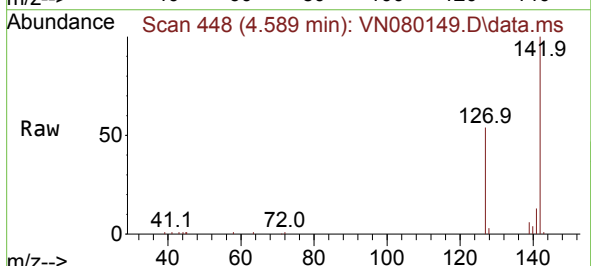
Instrument :
MSVOA_N
ClientSampleId :

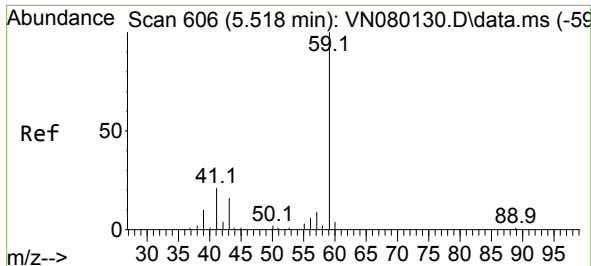
Tgt Ion:101 Resp: 130263
Ion Ratio Lower Upper
101 100
85 47.6 36.6 55.0
151 77.4 57.6 86.4



#10
Methyl Iodide
Concen: 51.734 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion:142 Resp: 158520
Ion Ratio Lower Upper
142 100
127 54.1 37.6 56.4
141 13.4 11.4 17.0

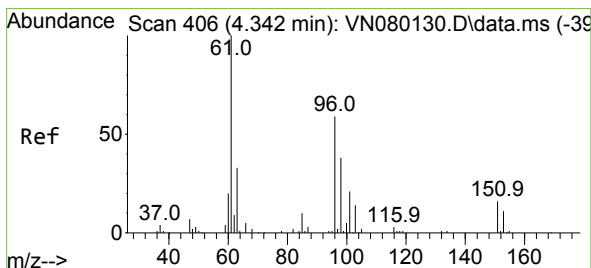
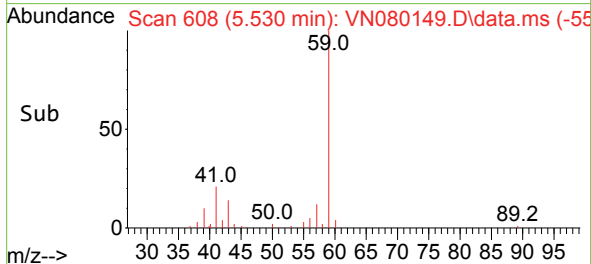
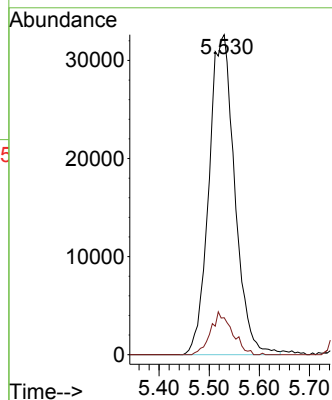
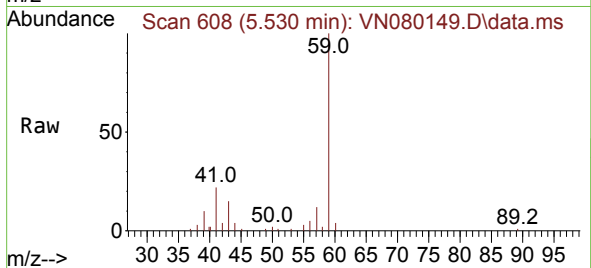




#11
Tert butyl alcohol
Concen: 255.488 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

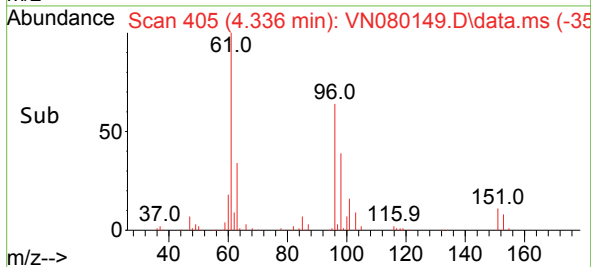
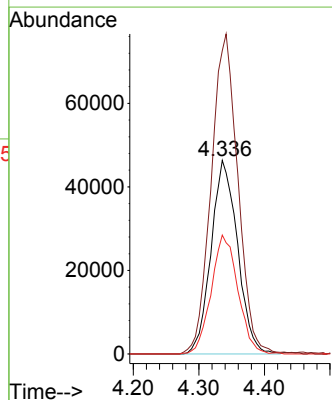
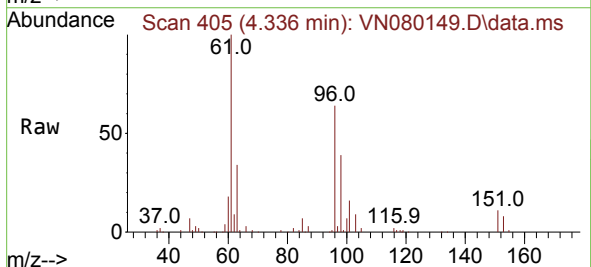
Instrument :
MSVOA_N
ClientSampleId :

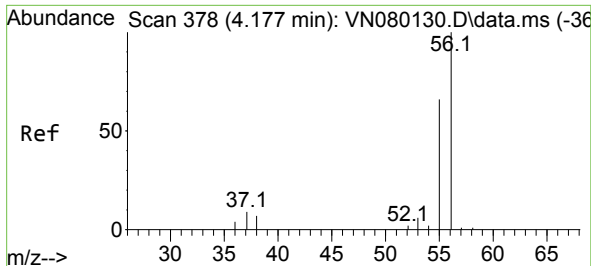
Tgt Ion: 59 Resp: 116396
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.946 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 96 Resp: 129800
Ion Ratio Lower Upper
96 100
61 156.6 112.7 169.1
98 61.4 51.2 76.8





#13

Acrolein

Concen: 257.080 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

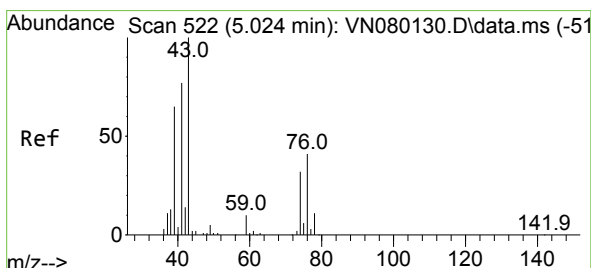
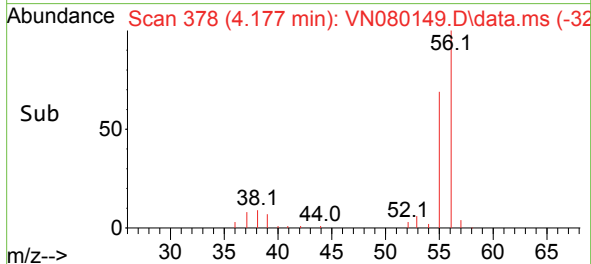
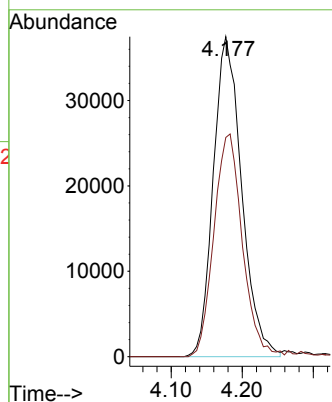
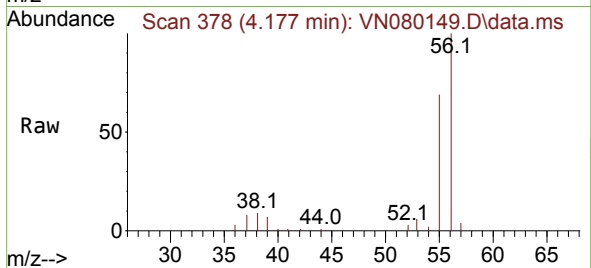
ClientSampleId :

Tgt Ion: 56 Resp: 103651

Ion Ratio Lower Upper

56 100

55 69.9 54.5 81.7



#14

Allyl chloride

Concen: 48.017 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

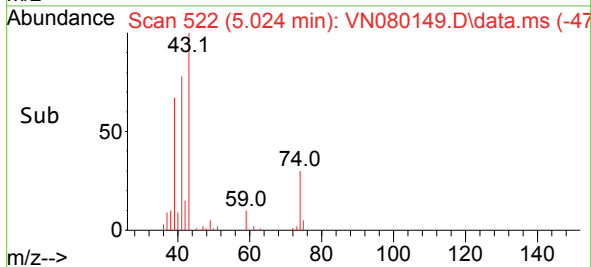
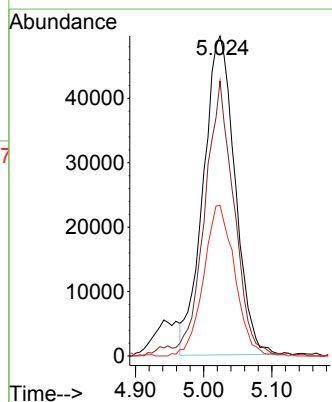
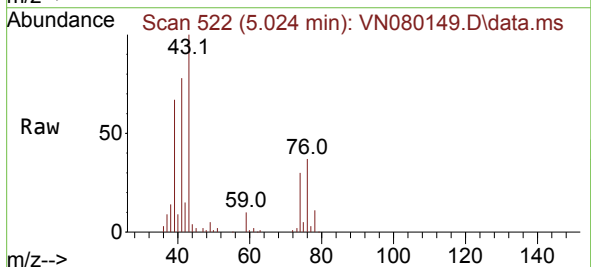
Tgt Ion: 41 Resp: 160205

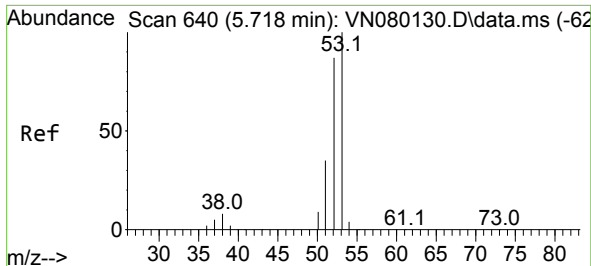
Ion Ratio Lower Upper

41 100

39 81.2 58.8 88.2

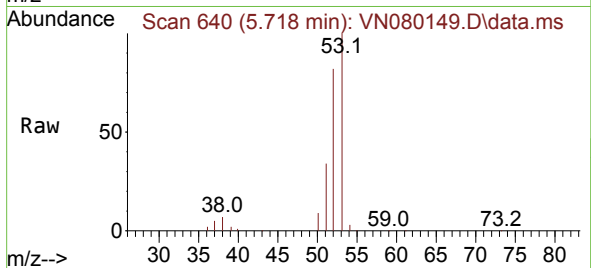
76 46.4 39.1 58.7



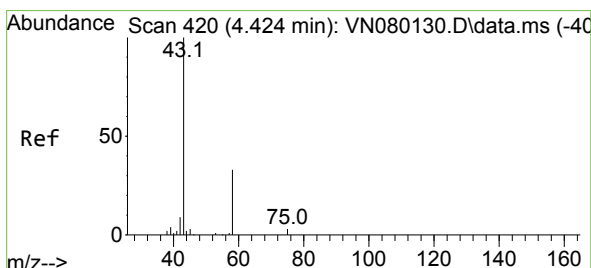
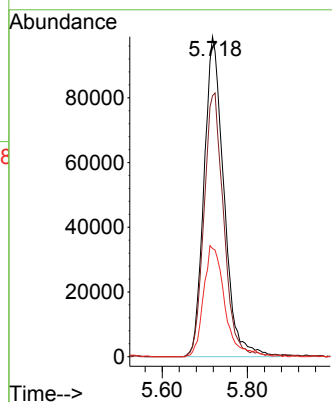
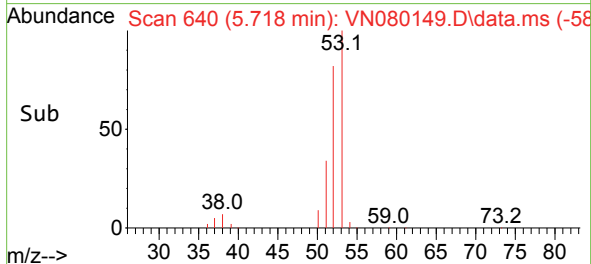


#15
Acrylonitrile
Concen: 262.015 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Instrument :
MSVOA_N
ClientSampleId :

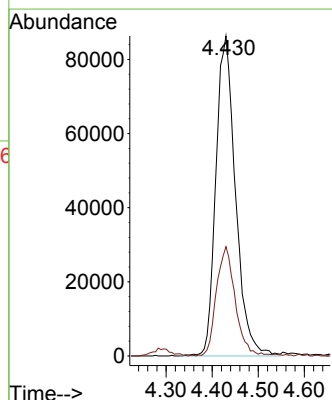
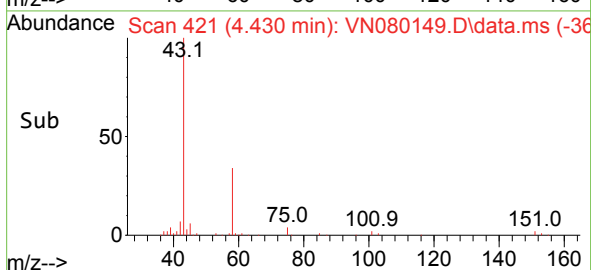
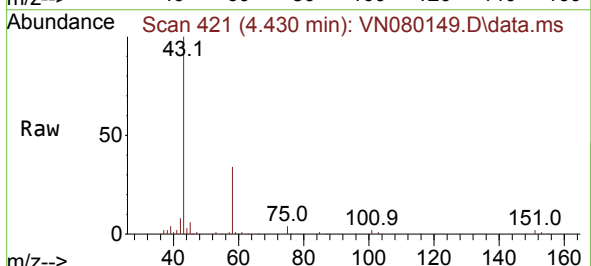


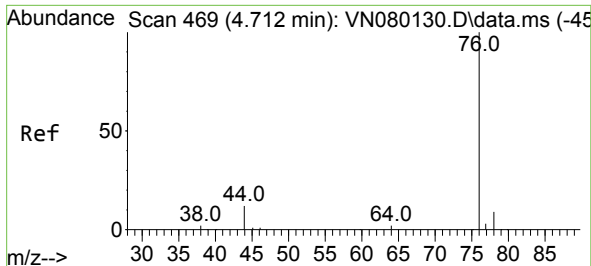
Tgt Ion: 53 Resp: 320452
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 37.0 28.9 43.3



#16
Acetone
Concen: 183.318 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 43 Resp: 255083
Ion Ratio Lower Upper
43 100
58 33.8 28.0 42.0

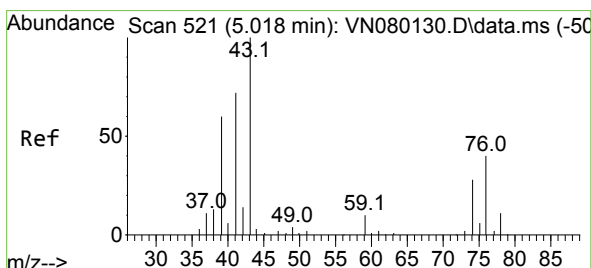
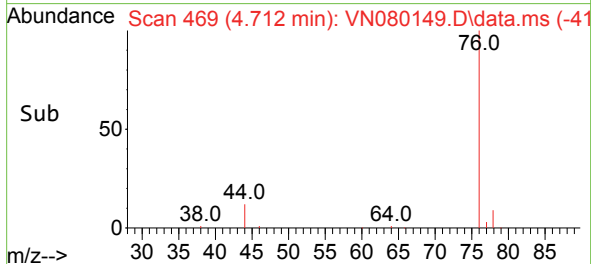
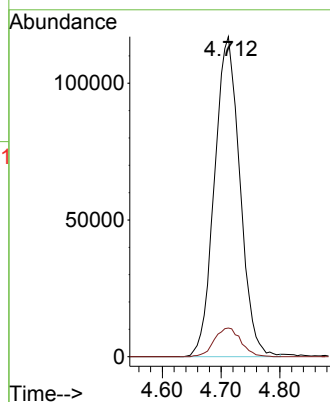
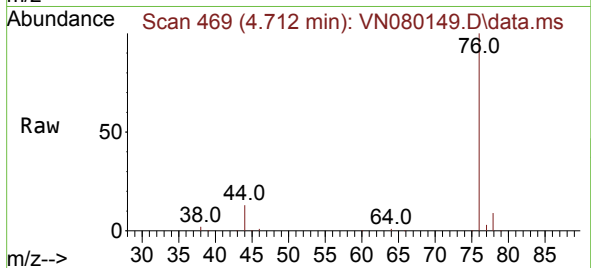




#17
Carbon Disulfide
Concen: 44.441 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

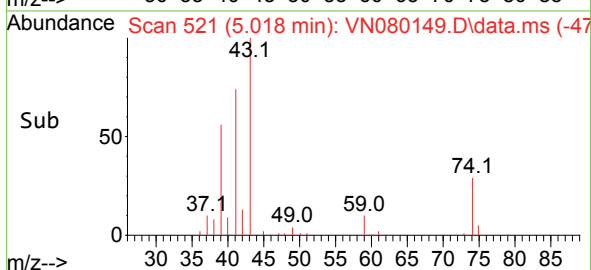
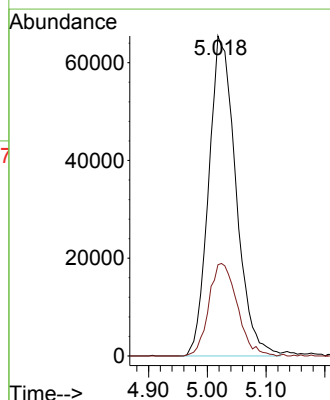
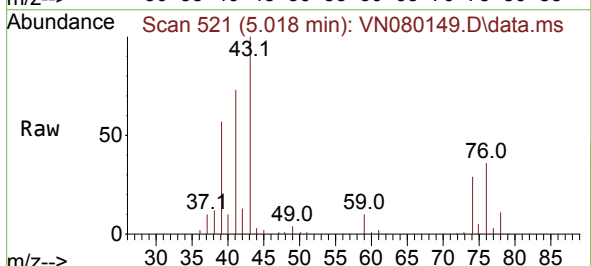
Instrument :
MSVOA_N
ClientSampleId :

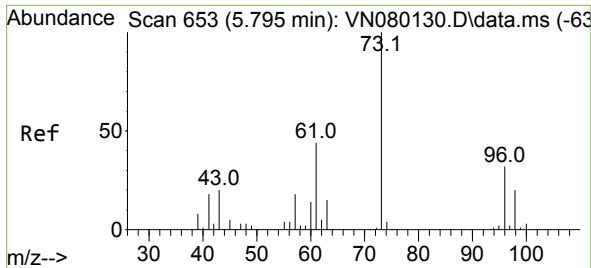
Tgt Ion: 76 Resp: 351898
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 47.075 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 43 Resp: 210466
Ion Ratio Lower Upper
43 100
74 30.1 26.2 39.4

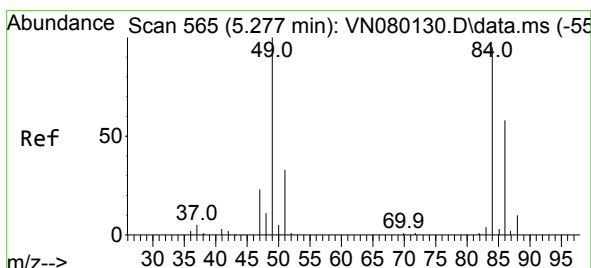
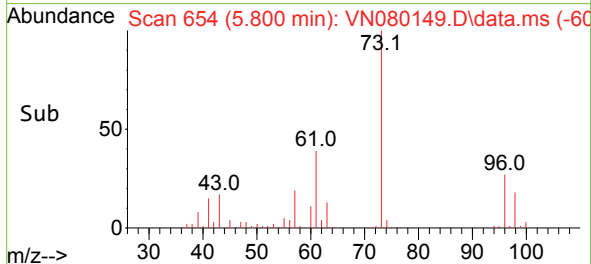
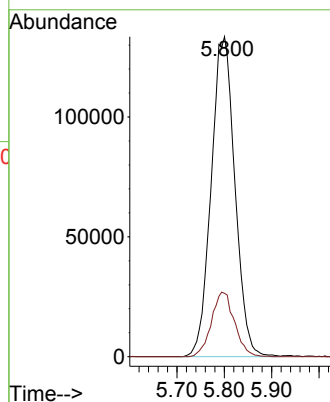
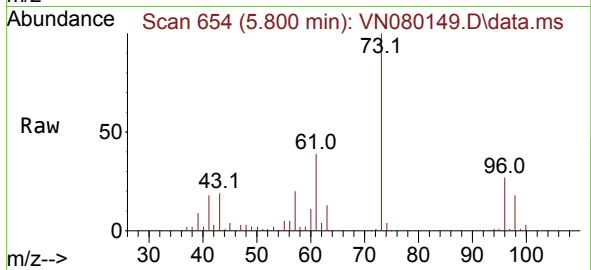




#19
Methyl tert-butyl Ether
Concen: 49.543 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

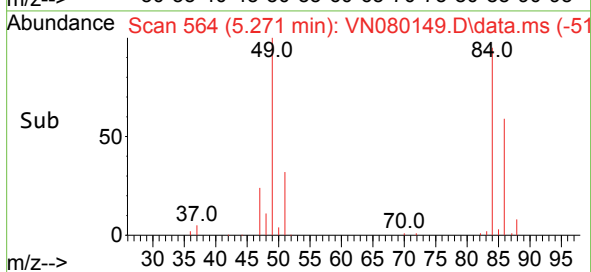
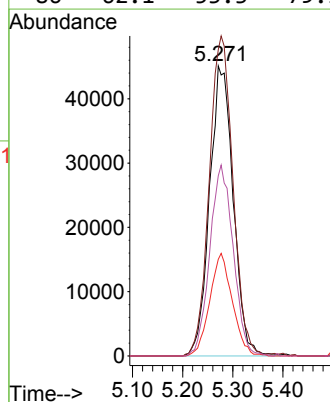
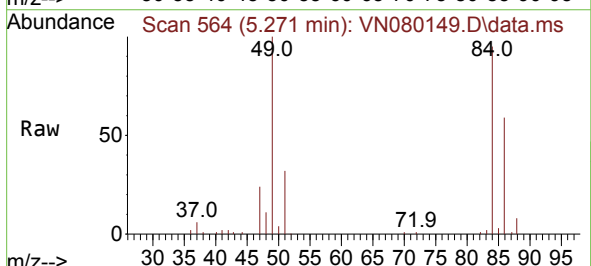
Instrument :
MSVOA_N
ClientSampleId :

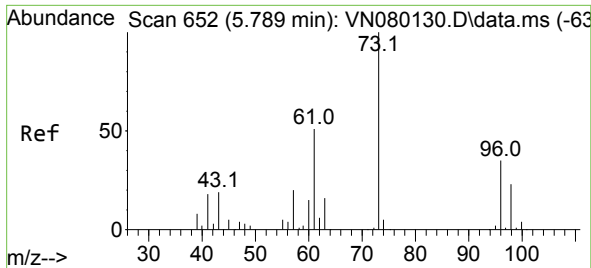
Tgt Ion: 73 Resp: 463977
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4



#20
Methylene Chloride
Concen: 50.734 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 84 Resp: 147837
Ion Ratio Lower Upper
84 100
49 105.6 79.7 119.5
51 33.3 25.2 37.8
86 62.1 53.3 79.9

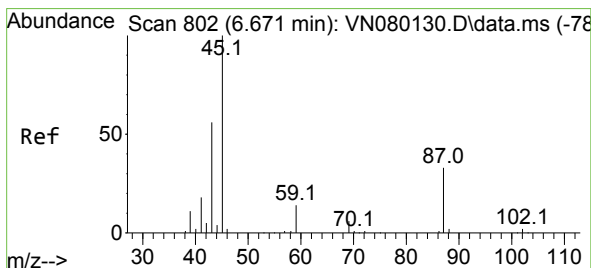
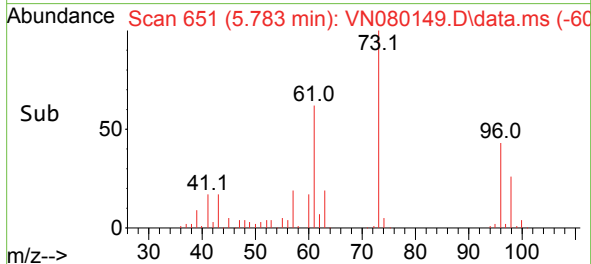
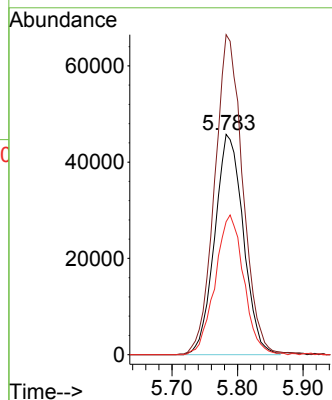
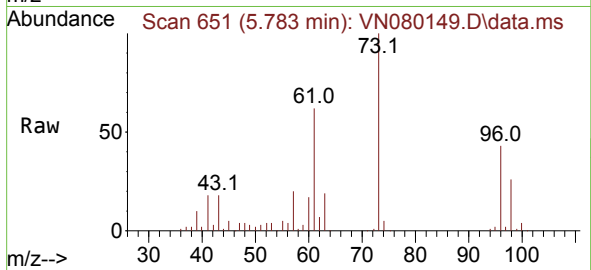




#21
trans-1,2-Dichloroethene
Concen: 47.531 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

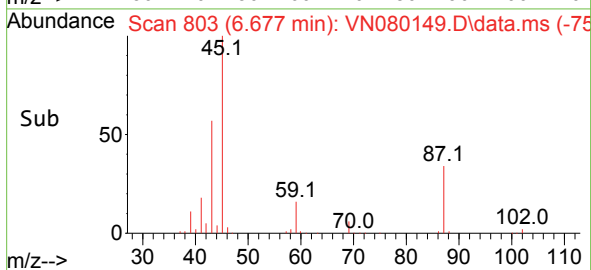
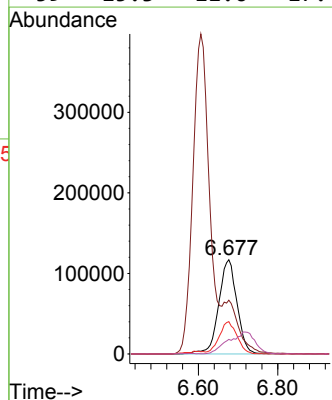
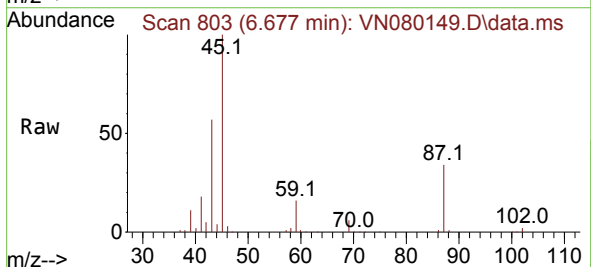
Instrument :
MSVOA_N
ClientSampleId :

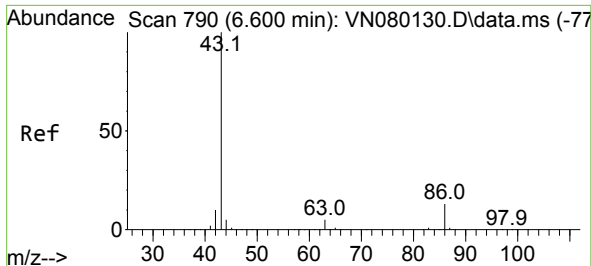
Tgt Ion: 96 Resp: 138474
Ion Ratio Lower Upper
96 100
61 144.9 90.1 135.1#
98 60.4 46.4 69.6



#22
Diisopropyl ether
Concen: 50.824 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 45 Resp: 375169
Ion Ratio Lower Upper
45 100
43 56.4 45.5 68.3
87 34.3 31.8 47.8
59 15.3 11.6 17.4

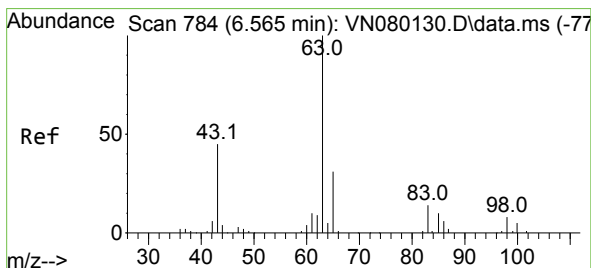
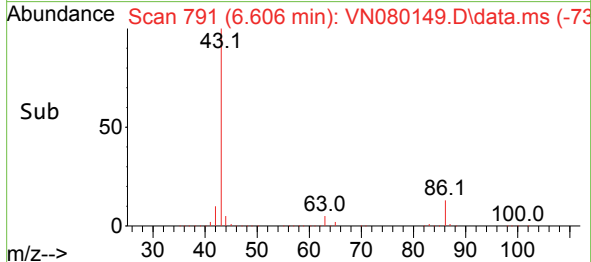
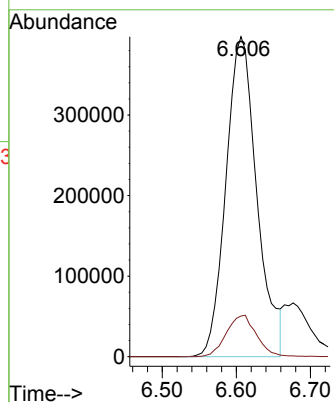
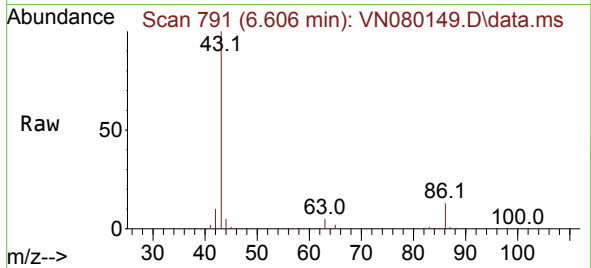




#23
 Vinyl Acetate
 Concen: 260.019 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080149.D
 Acq: 16 Nov 2023 21:33

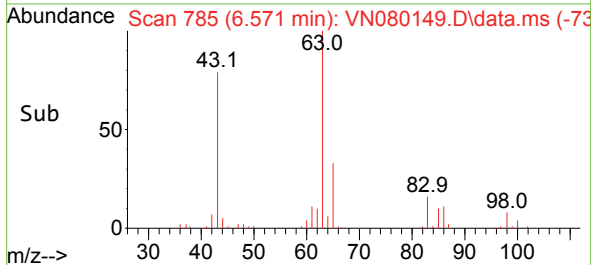
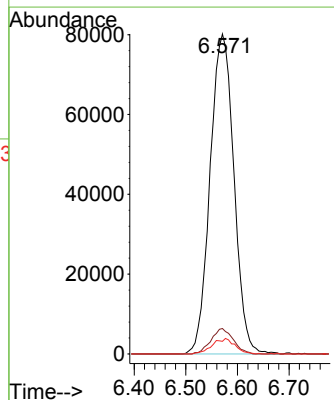
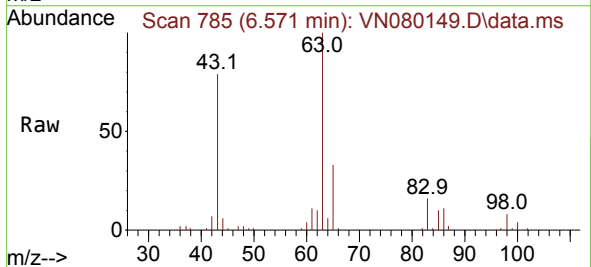
Instrument :
 MSVOA_N
 ClientSampleId :

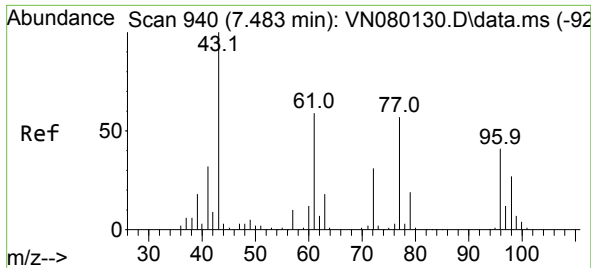
Tgt Ion: 43 Resp: 1153915
 Ion Ratio Lower Upper
 43 100
 86 12.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 47.797 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080149.D
 Acq: 16 Nov 2023 21:33

Tgt Ion: 63 Resp: 256976
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 4.0 2.5 7.4

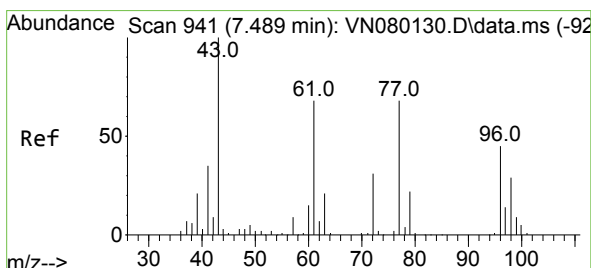
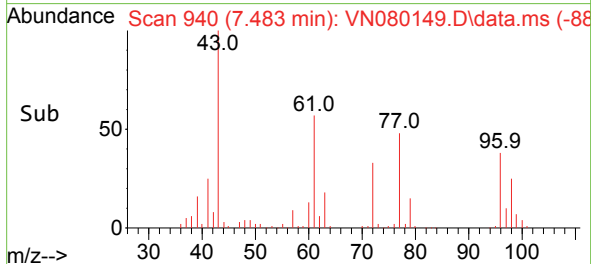
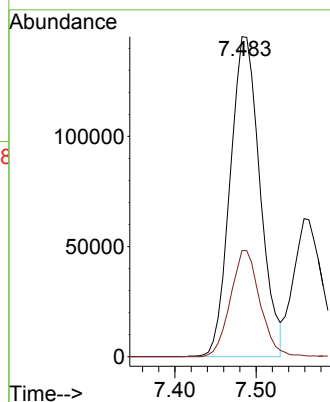
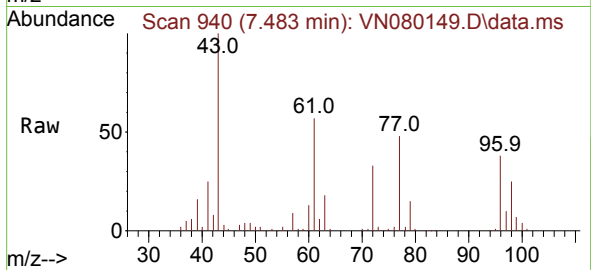




#25
2-Butanone
Concen: 224.920 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

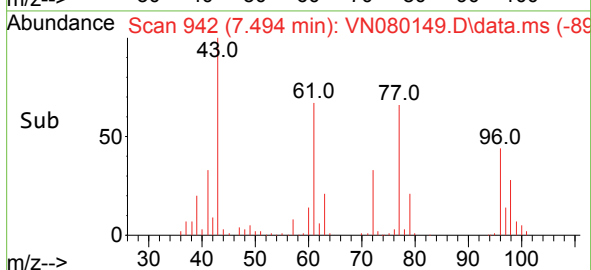
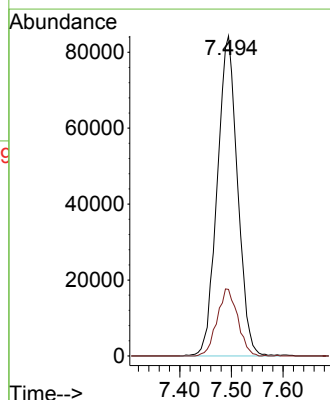
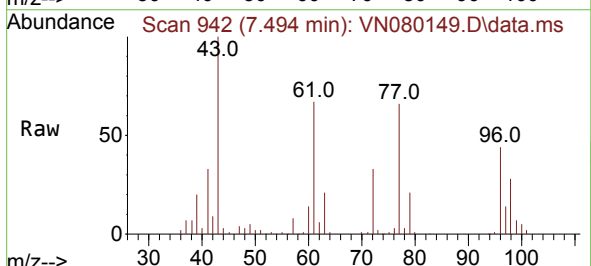
Instrument :
MSVOA_N
ClientSampleId :

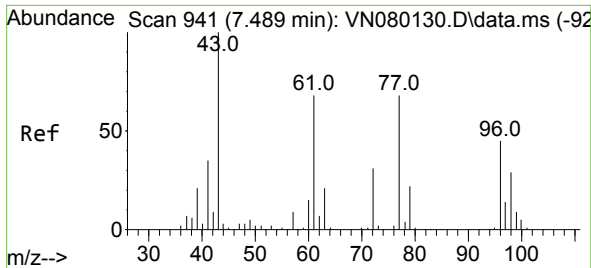
Tgt Ion: 43 Resp: 371847
Ion Ratio Lower Upper
43 100
72 33.2 30.2 45.2



#26
2,2-Dichloropropane
Concen: 43.153 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 77 Resp: 230179
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6

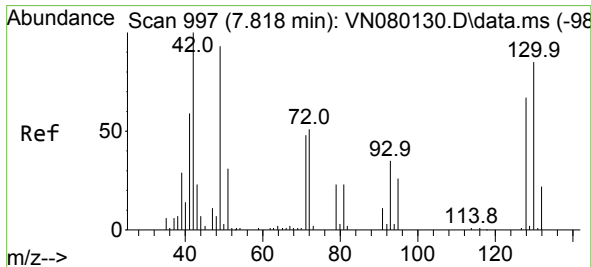
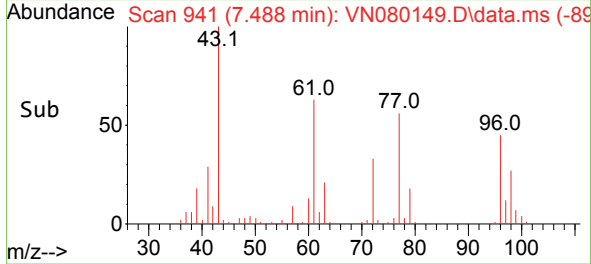
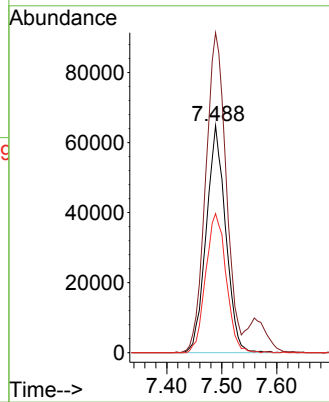
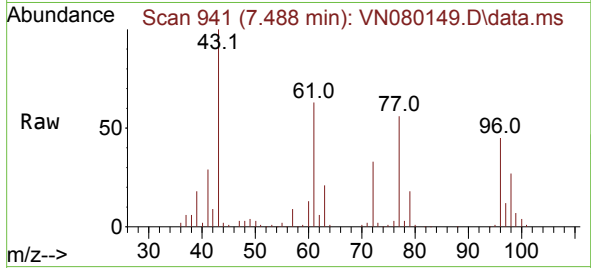




#27
 cis-1,2-Dichloroethene
 Concen: 48.273 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080149.D
 Acq: 16 Nov 2023 21:33

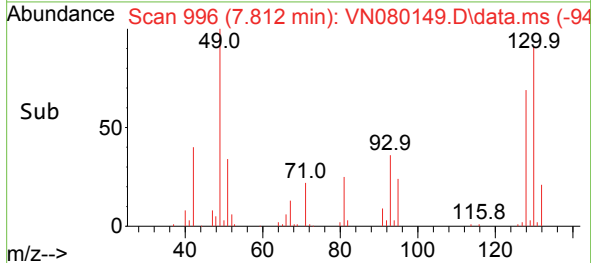
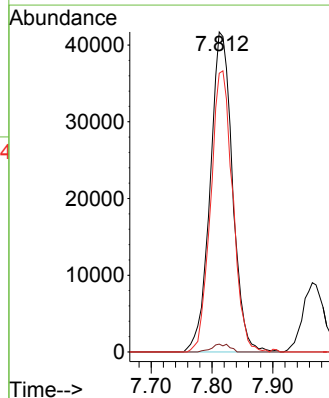
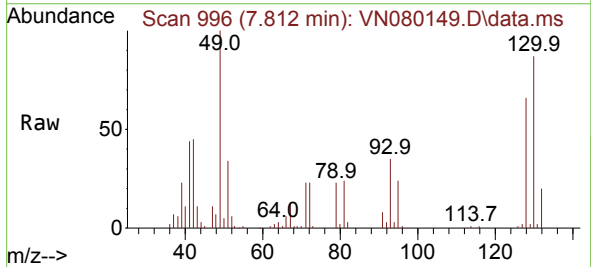
Instrument :
 MSVOA_N
 ClientSampleId :

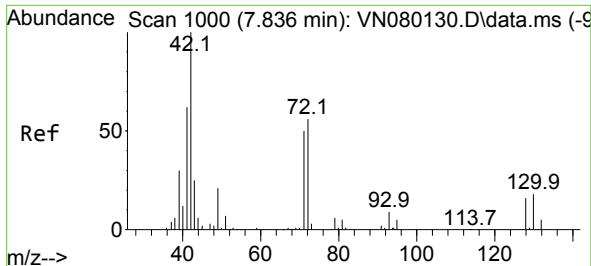
Tgt Ion: 96 Resp: 159447
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 255.2
 98 64.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 50.338 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080149.D
 Acq: 16 Nov 2023 21:33

Tgt Ion: 49 Resp: 106397
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 86.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 277.766 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

ClientSampleId :

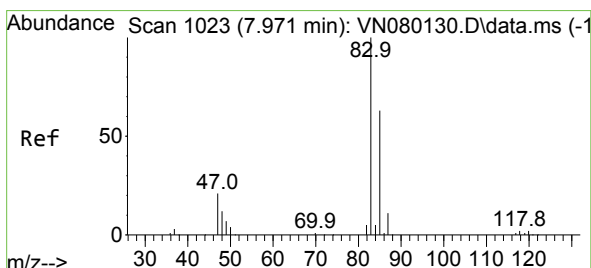
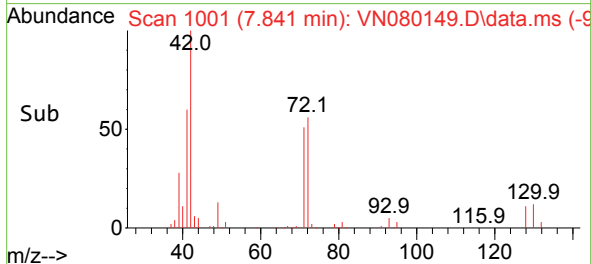
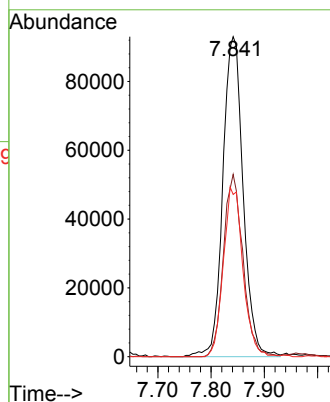
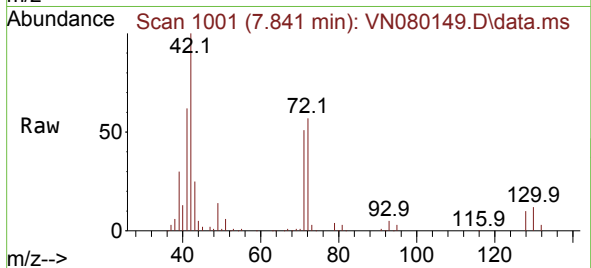
Tgt Ion: 42 Resp: 246541

Ion Ratio Lower Upper

42 100

72 54.7 49.8 74.6

71 51.1 47.4 71.2



#30

Chloroform

Concen: 48.326 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080149.D

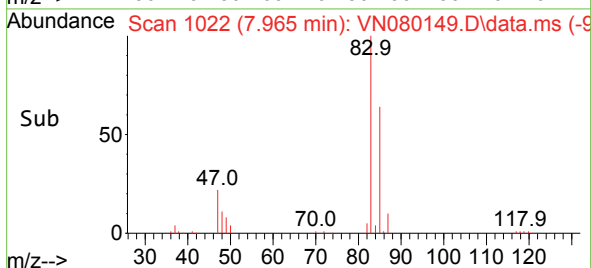
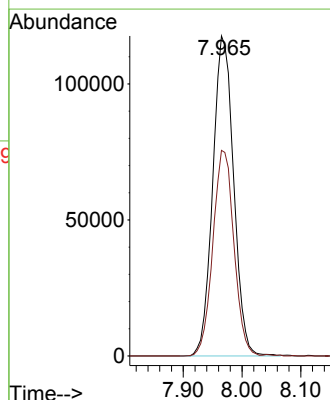
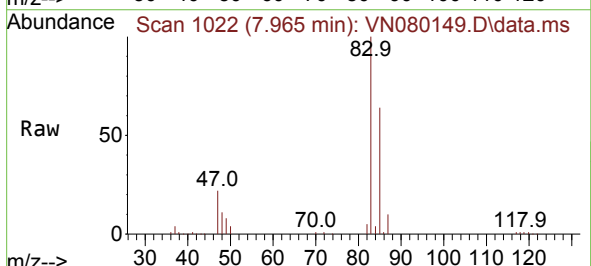
Acq: 16 Nov 2023 21:33

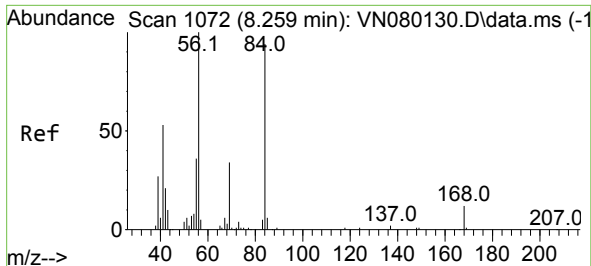
Tgt Ion: 83 Resp: 290404

Ion Ratio Lower Upper

83 100

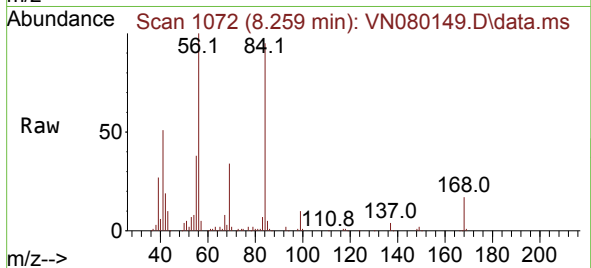
85 64.3 55.4 83.0



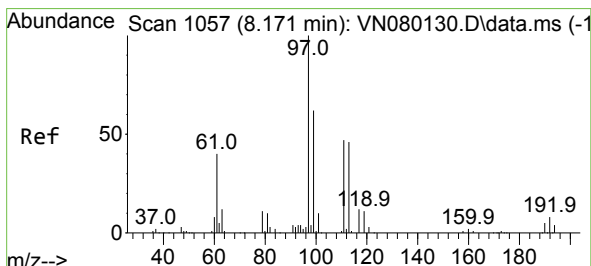
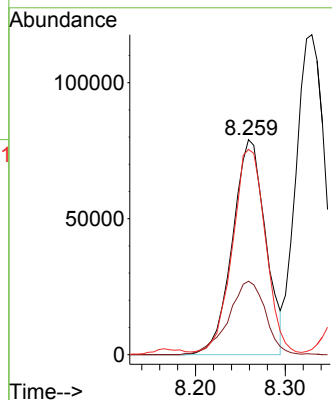
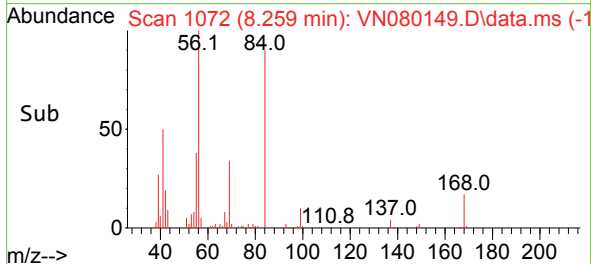


#31
Cyclohexane
Concen: 44.961 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Instrument :
MSVOA_N
ClientSampleId :

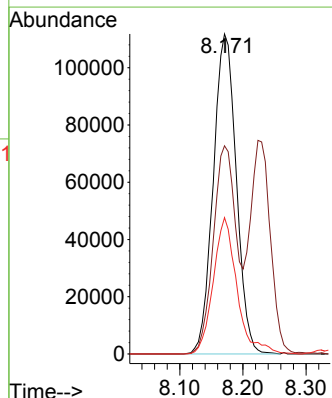
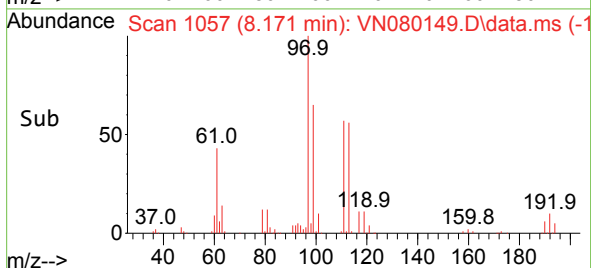
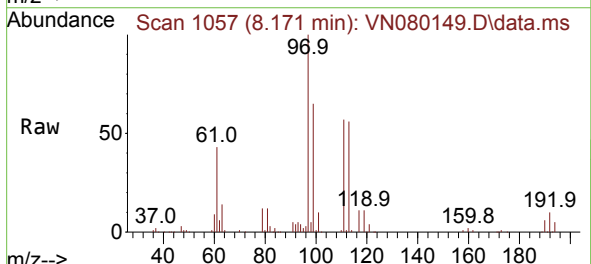


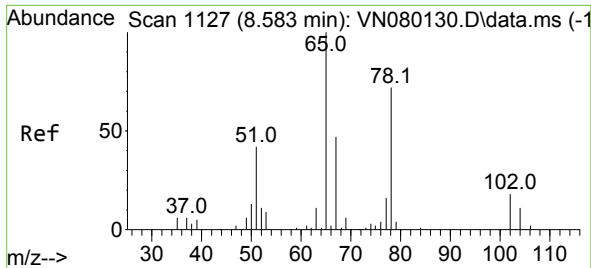
Tgt Ion: 56 Resp: 202567
Ion Ratio Lower Upper
56 100
69 34.2 26.8 40.2
84 93.2 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 48.374 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 97 Resp: 283487
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 43.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.559 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

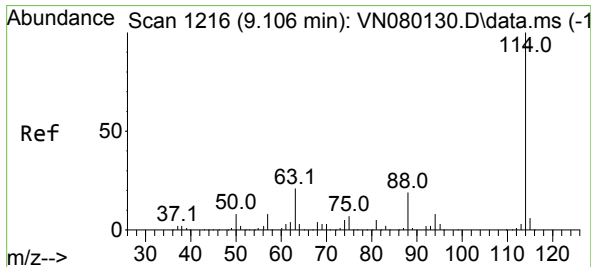
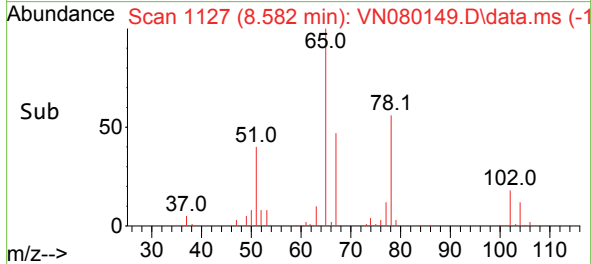
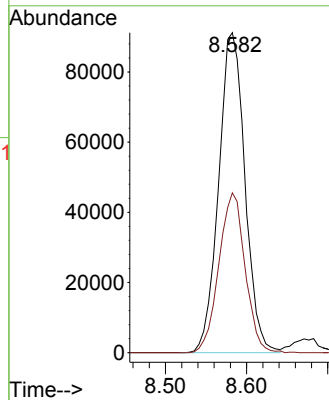
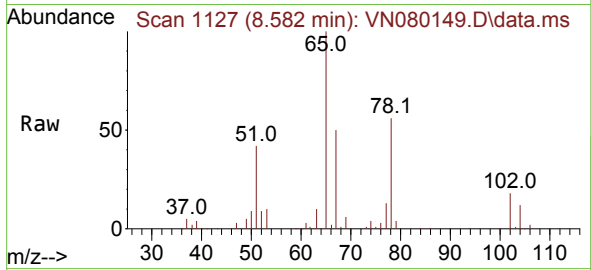
ClientSampleId :

Tgt Ion: 65 Resp: 205315

Ion Ratio Lower Upper

65 100

67 49.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

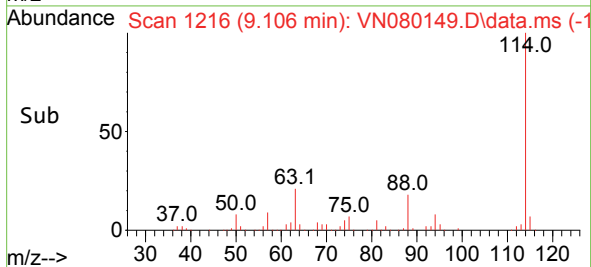
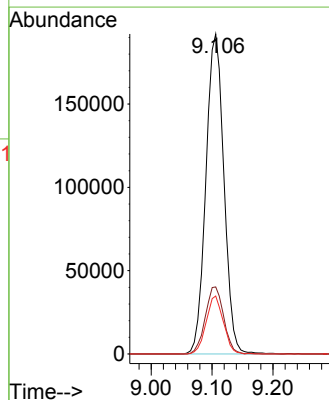
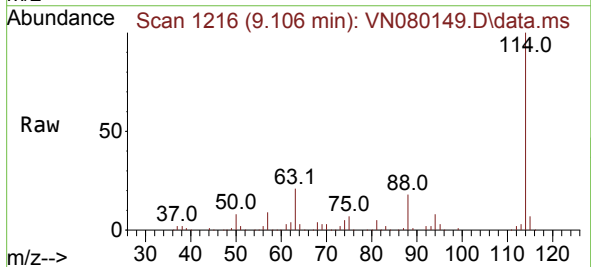
Tgt Ion: 114 Resp: 394917

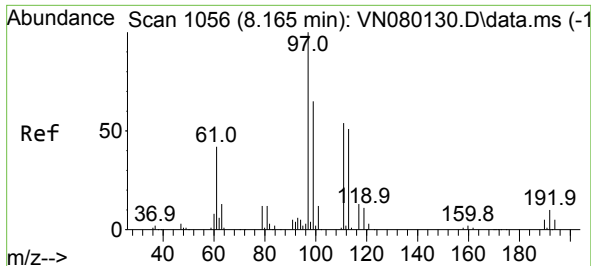
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 18.1 0.0 30.6

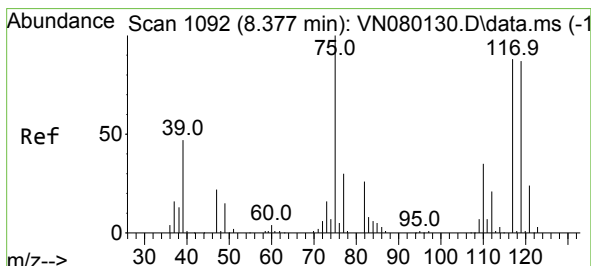
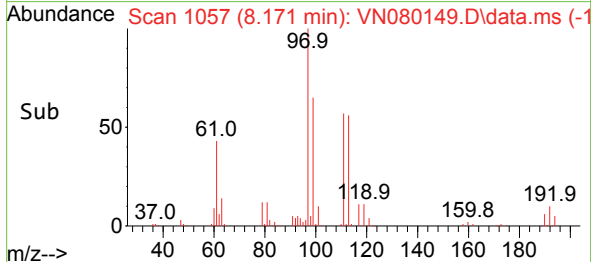
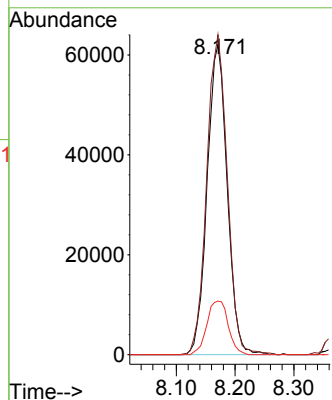
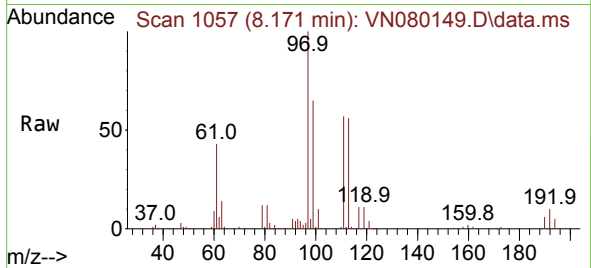




#35
Dibromofluoromethane
Concen: 50.414 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

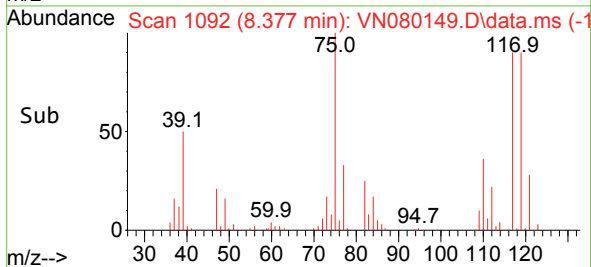
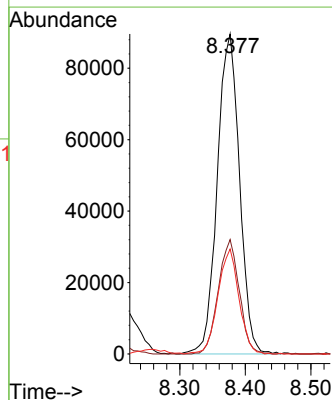
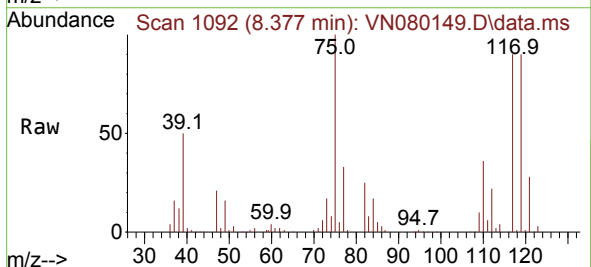
Instrument :
MSVOA_N
ClientSampleId :

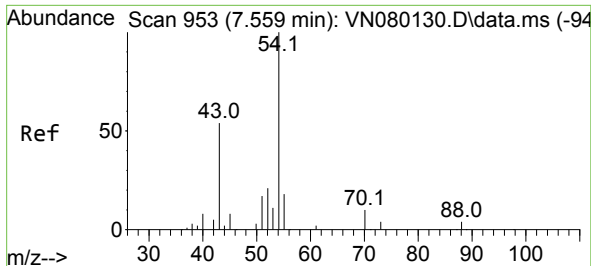
Tgt Ion:113 Resp: 146904
Ion Ratio Lower Upper
113 100
111 105.9 82.6 123.8
192 18.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 49.981 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 75 Resp: 210863
Ion Ratio Lower Upper
75 100
110 33.7 19.1 57.3
77 31.1 25.0 37.4

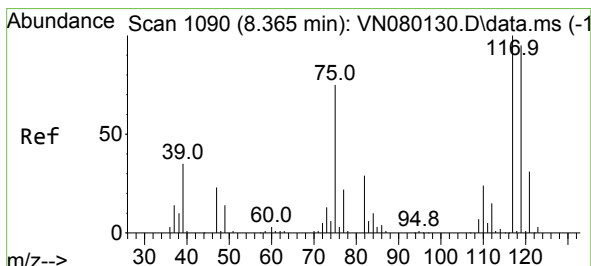
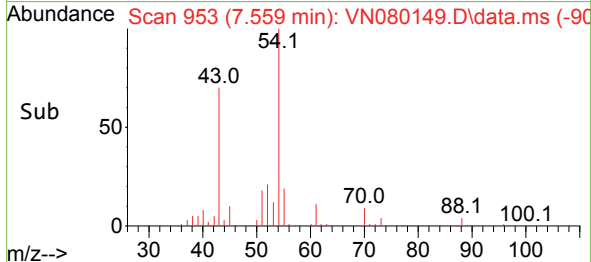
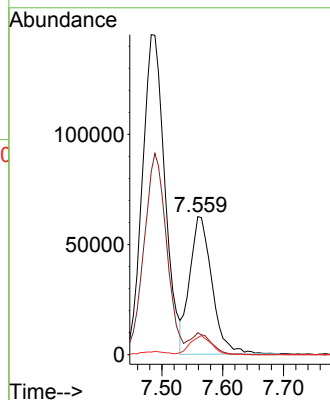
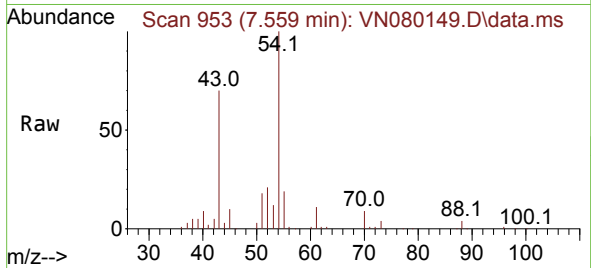




#37
Ethyl Acetate
Concen: 54.211 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

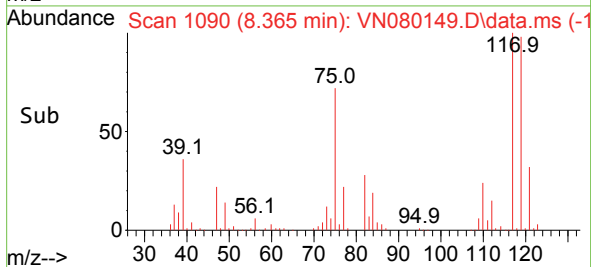
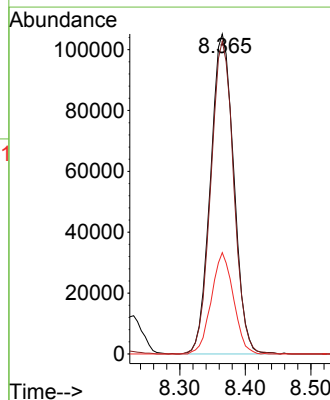
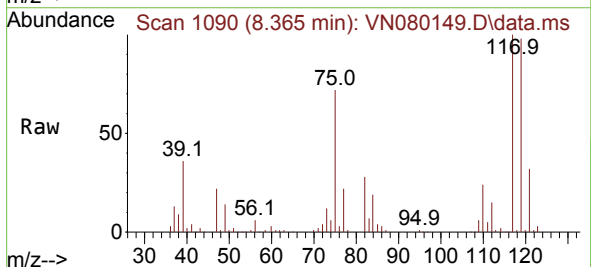
Instrument :
MSVOA_N
ClientSampleId :

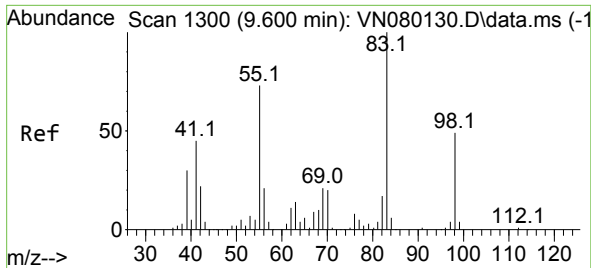
Tgt Ion: 43 Resp: 158639
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 13.3 11.3 16.9



#38
Carbon Tetrachloride
Concen: 48.395 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 117 Resp: 259093
Ion Ratio Lower Upper
117 100
119 97.8 77.3 115.9
121 31.6 23.3 34.9

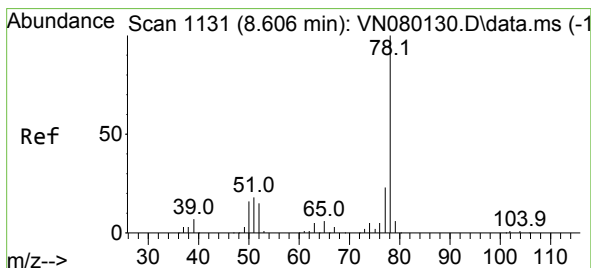
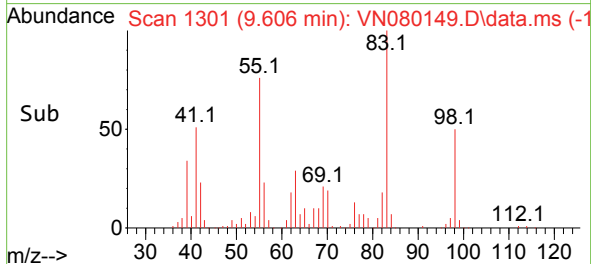
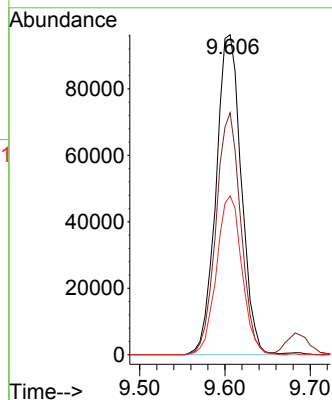
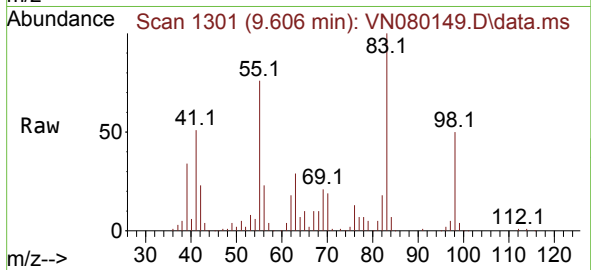




#39
Methylcyclohexane
Concen: 48.709 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

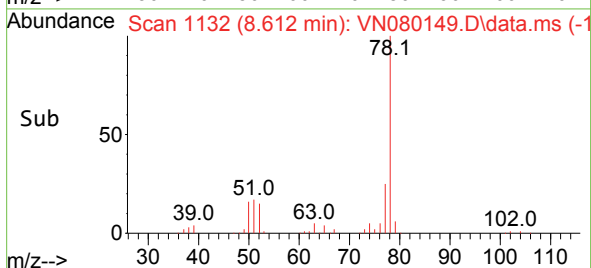
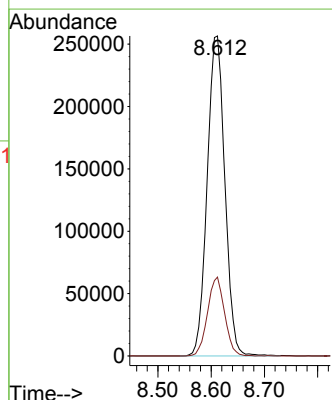
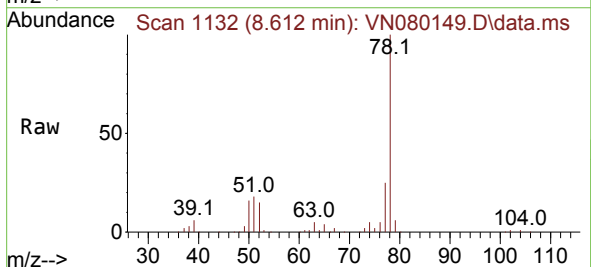
Instrument :
MSVOA_N
ClientSampleId :

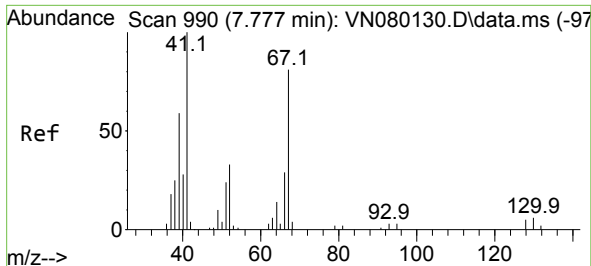
Tgt Ion: 83 Resp: 198139
Ion Ratio Lower Upper
83 100
55 75.6 49.1 73.7#
98 49.6 40.6 61.0



#40
Benzene
Concen: 49.250 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

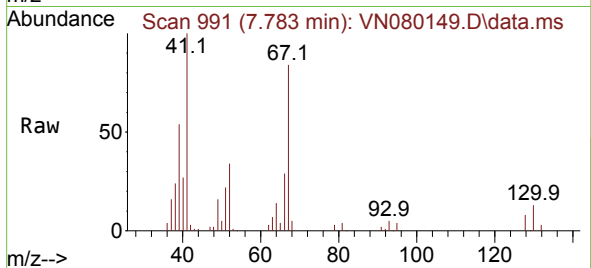
Tgt Ion: 78 Resp: 590529
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6



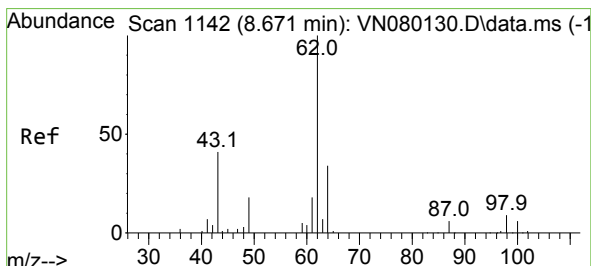
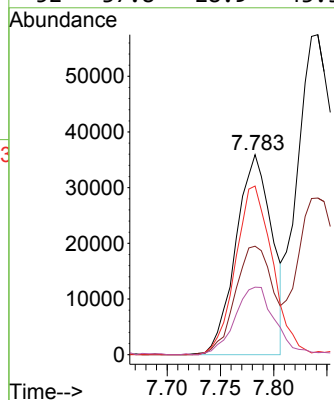
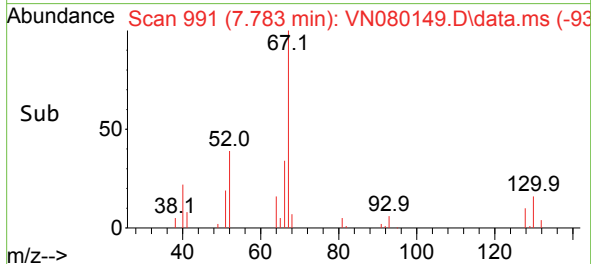


#41
Methacrylonitrile
Concen: 52.549 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Instrument :
MSVOA_N
ClientSampleId :

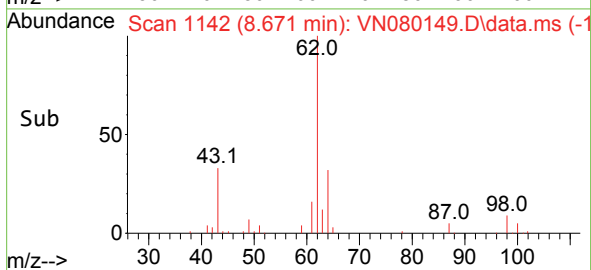
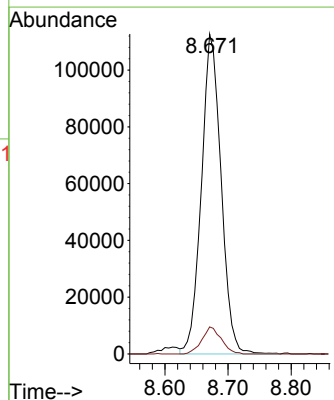
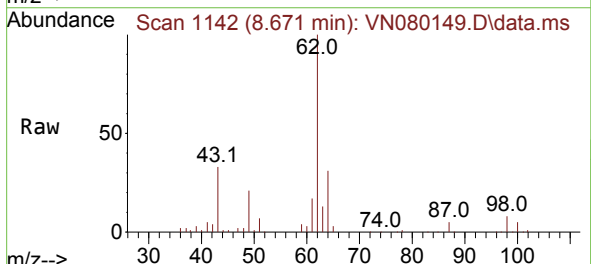


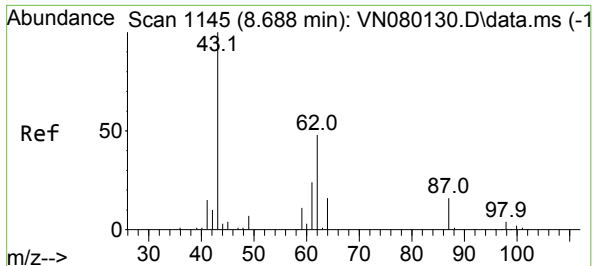
Tgt Ion:	41	Resp:	84449
Ion	Ratio	Lower	Upper
41	100		
39	56.6	42.6	64.0
67	87.5	77.5	116.3
52	37.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 49.701 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion:	62	Resp:	243811
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	19.8

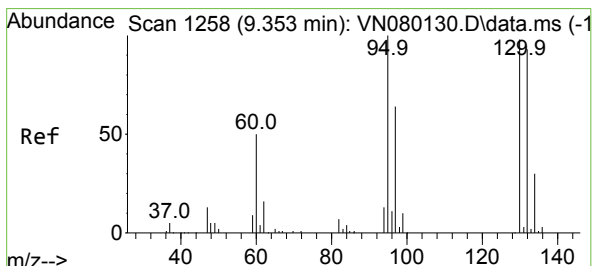
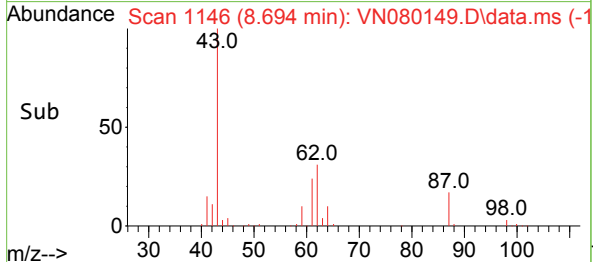
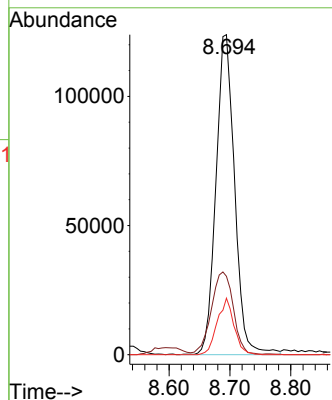
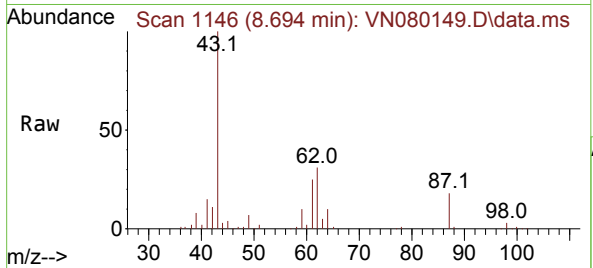




#43
Isopropyl Acetate
Concen: 46.365 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

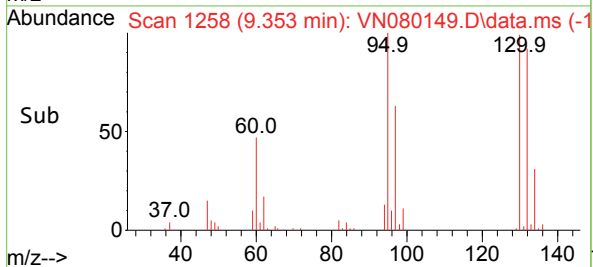
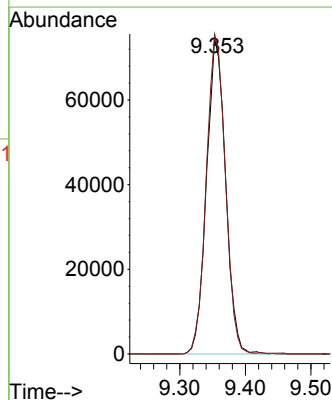
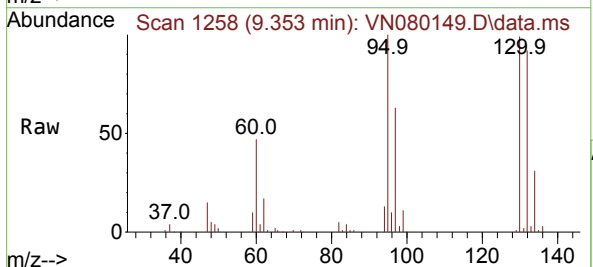
Instrument :
MSVOA_N
ClientSampleId :

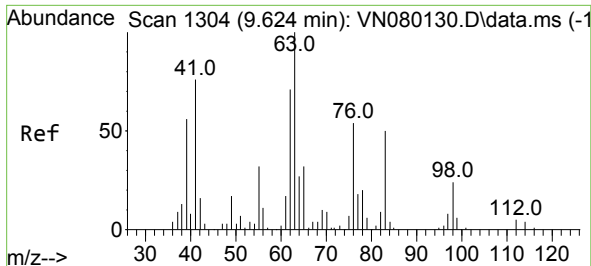
Tgt Ion: 43 Resp: 264032
Ion Ratio Lower Upper
43 100
61 30.1 24.7 37.1
87 15.8 14.6 21.8



#44
Trichloroethene
Concen: 47.952 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion:130 Resp: 150821
Ion Ratio Lower Upper
130 100
95 101.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.540 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

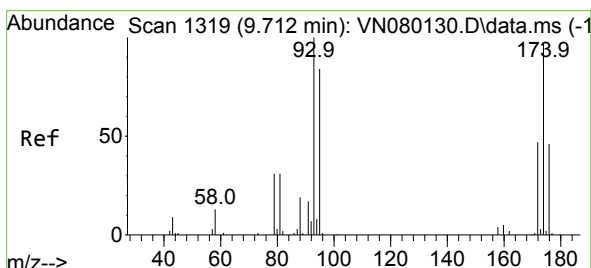
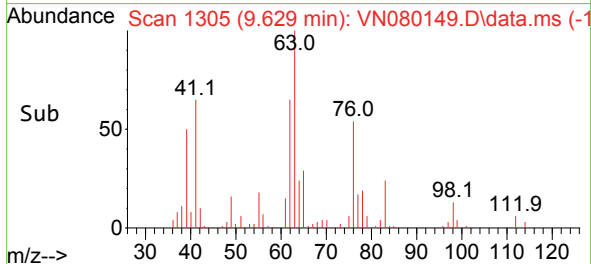
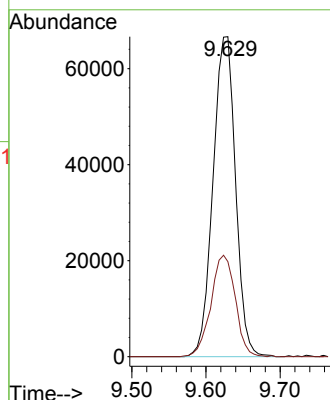
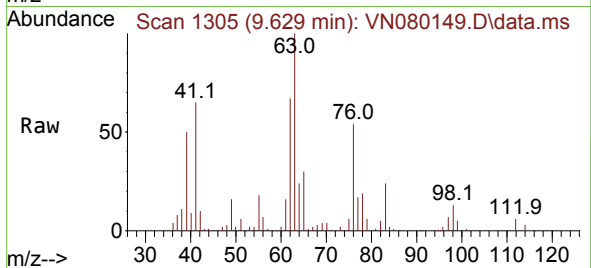
ClientSampleId :

Tgt Ion: 63 Resp: 140828

Ion Ratio Lower Upper

63 100

65 29.7 23.9 35.9



#46

Dibromomethane

Concen: 50.804 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

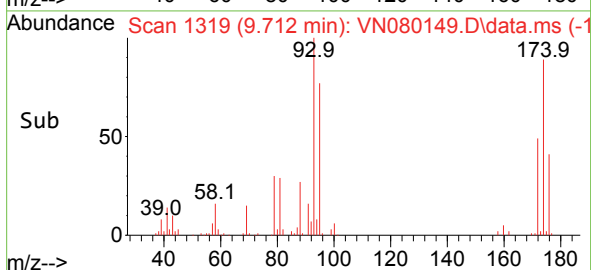
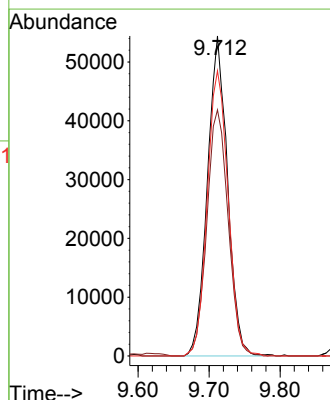
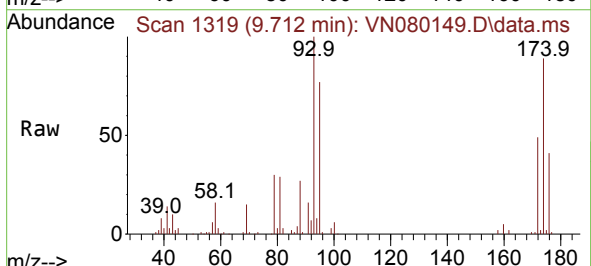
Tgt Ion: 93 Resp: 107161

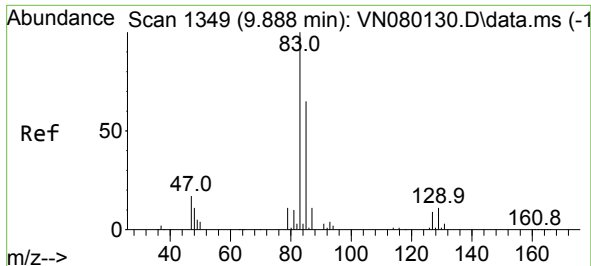
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

174 92.3 65.6 98.4

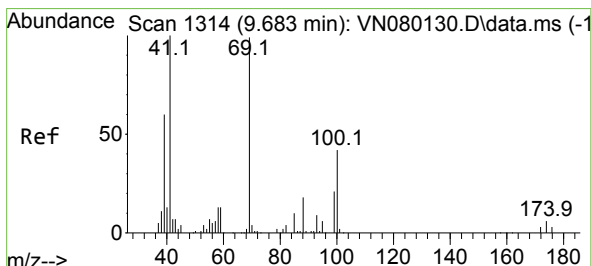
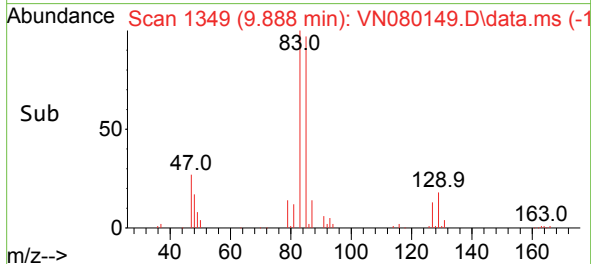
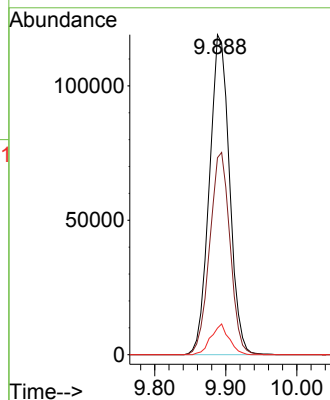
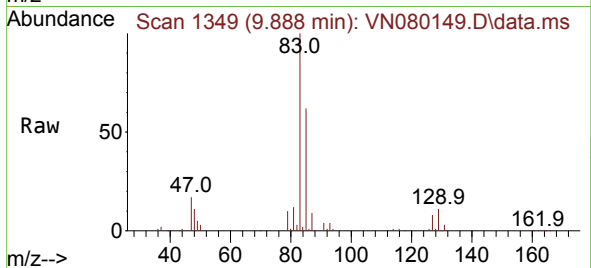




#47
Bromodichloromethane
Concen: 50.405 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

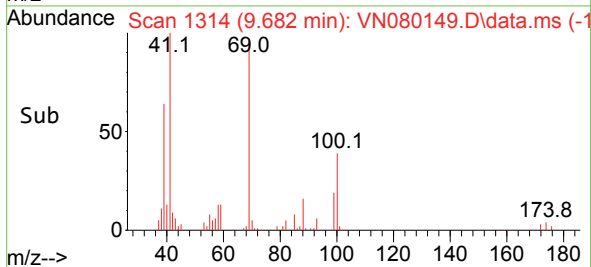
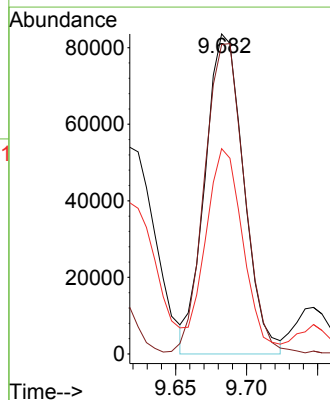
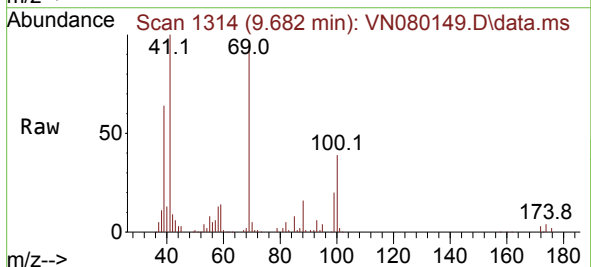
Instrument :
MSVOA_N
ClientSampleId :

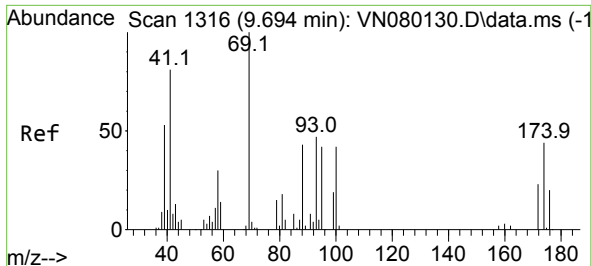
Tgt Ion: 83 Resp: 233873
Ion Ratio Lower Upper
83 100
85 61.6 49.6 74.4
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 54.080 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 41 Resp: 158705
Ion Ratio Lower Upper
41 100
69 99.5 90.4 135.6
39 63.0 54.6 81.8





#49

1,4-Dioxane

Concen: 1095.935 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

ClientSampleId :

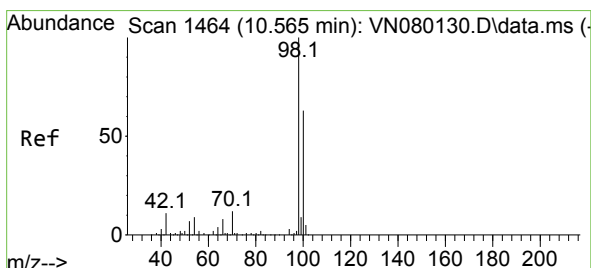
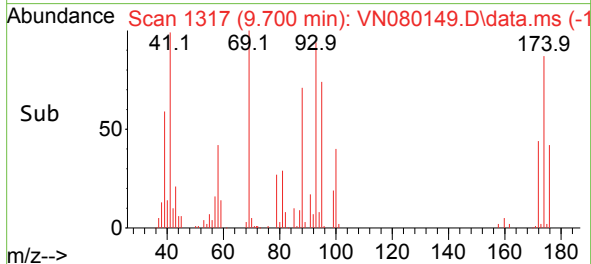
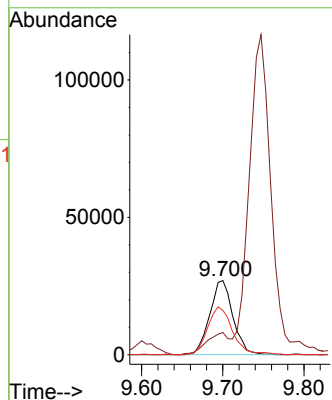
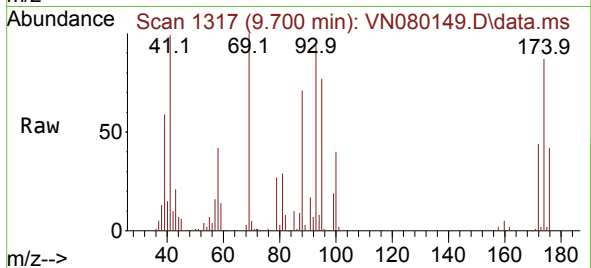
Tgt Ion: 88 Resp: 53505

Ion Ratio Lower Upper

88 100

43 30.8 17.0 25.6#

58 69.4 47.0 70.4



#50

Toluene-d8

Concen: 52.387 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080149.D

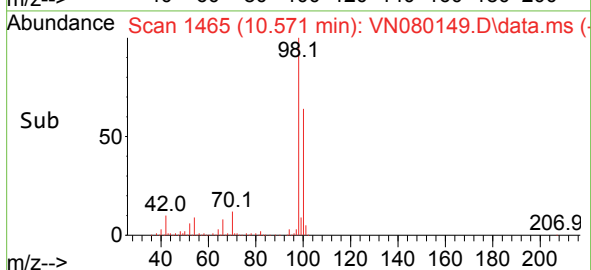
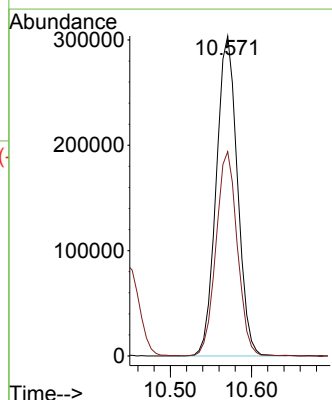
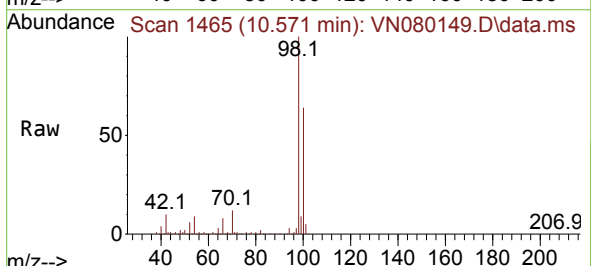
Acq: 16 Nov 2023 21:33

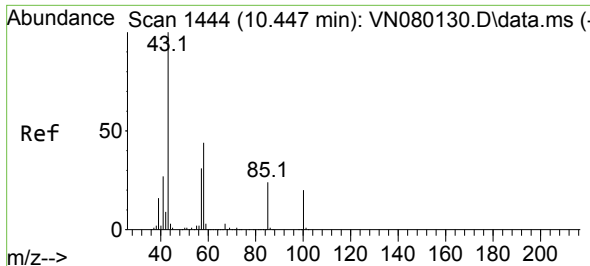
Tgt Ion: 98 Resp: 550290

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

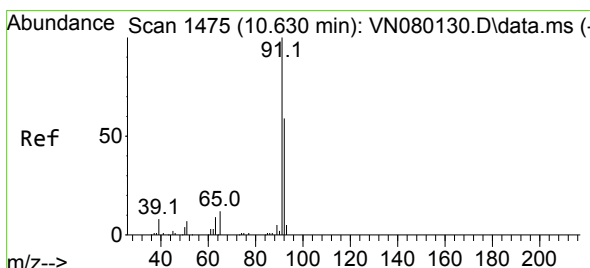
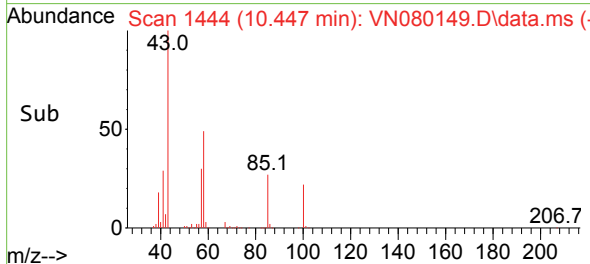
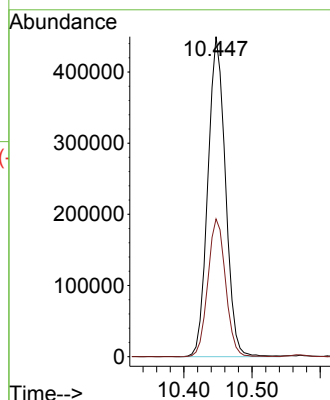
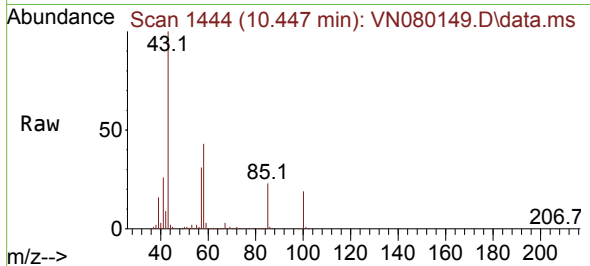




#51
4-Methyl-2-Pentanone
Concen: 273.442 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

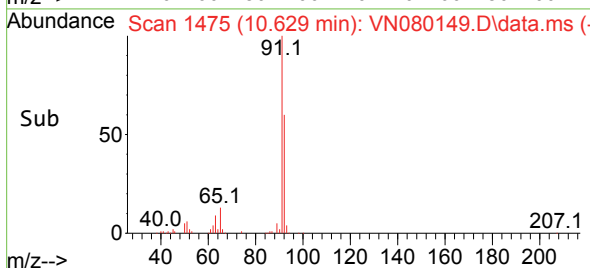
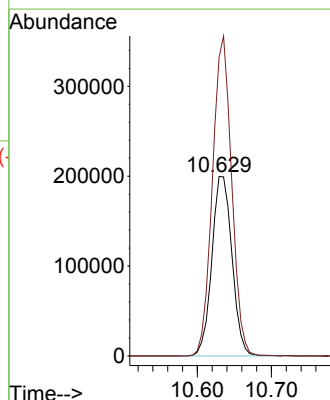
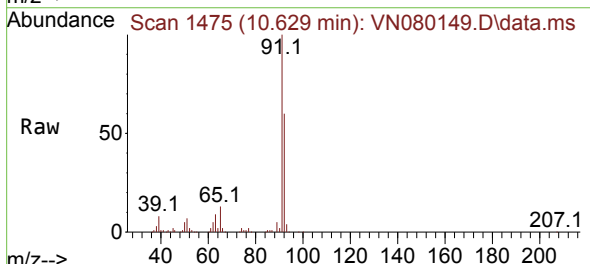
Instrument :
MSVOA_N
ClientSampleId :

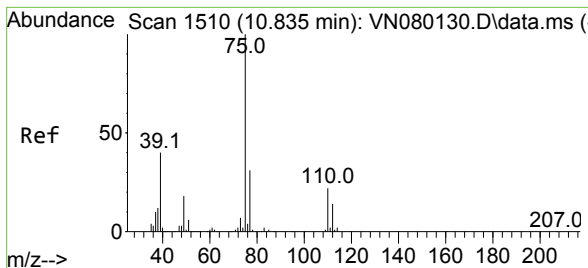
Tgt Ion: 43 Resp: 806171
Ion Ratio Lower Upper
43 100
58 43.4 36.6 54.8



#52
Toluene
Concen: 50.235 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 92 Resp: 376961
Ion Ratio Lower Upper
92 100
91 170.2 137.4 206.0

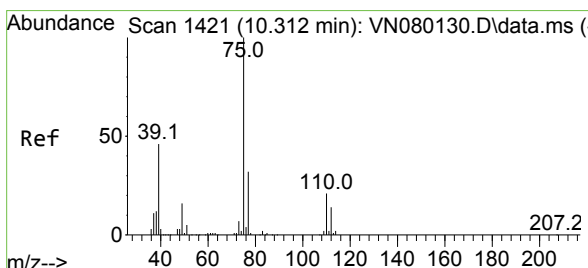
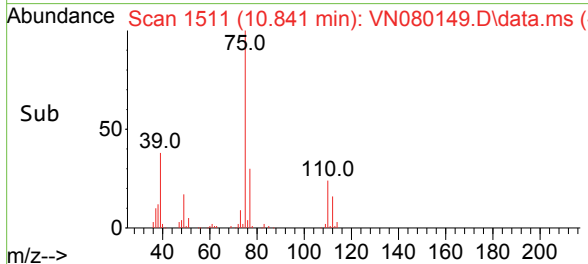
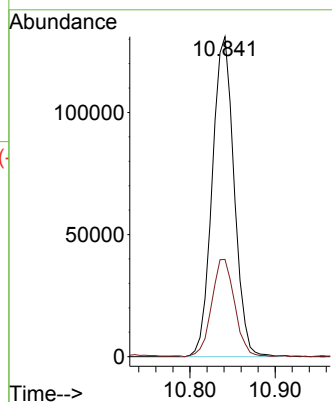
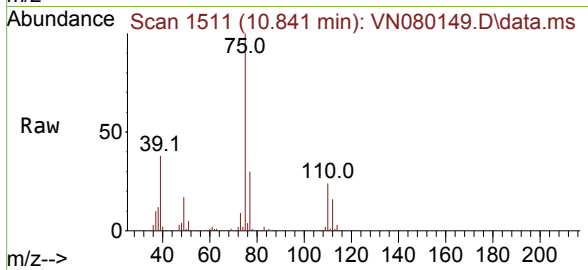




#53
 t-1,3-Dichloropropene
 Concen: 49.010 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN080149.D
 Acq: 16 Nov 2023 21:33

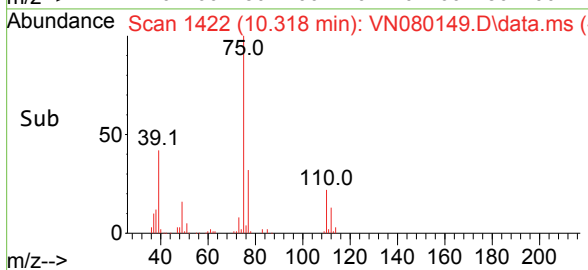
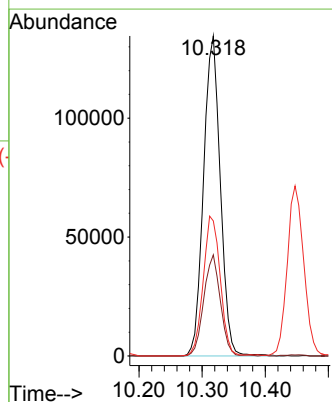
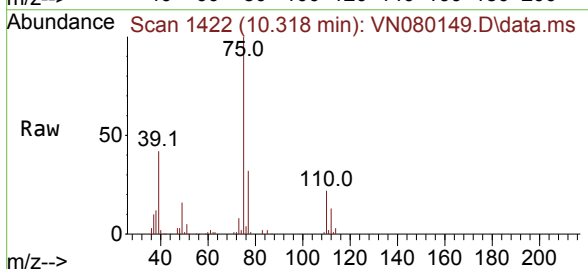
Instrument :
 MSVOA_N
 ClientSampleId :

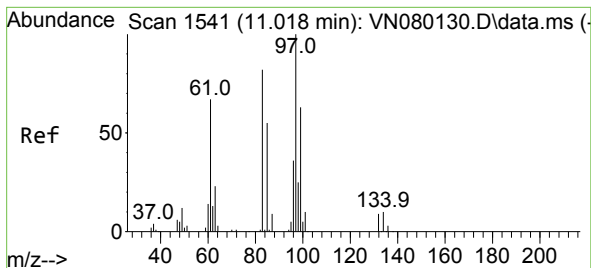
Tgt Ion: 75 Resp: 233635
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.060 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN080149.D
 Acq: 16 Nov 2023 21:33

Tgt Ion: 75 Resp: 248679
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.1 39.1
 39 42.2 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 49.480 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 141712

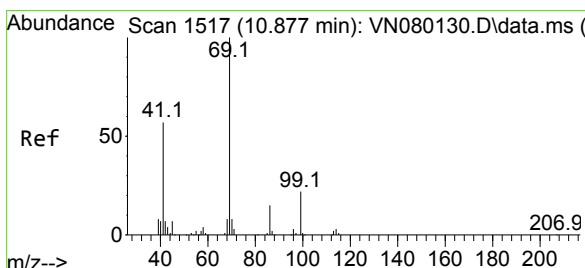
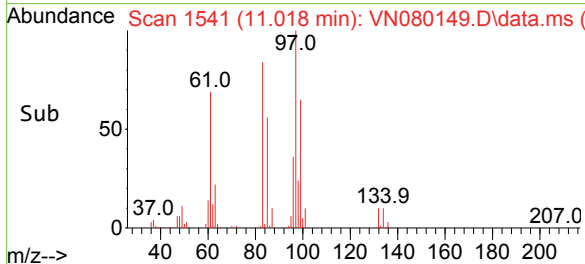
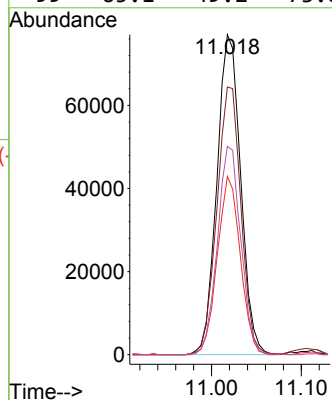
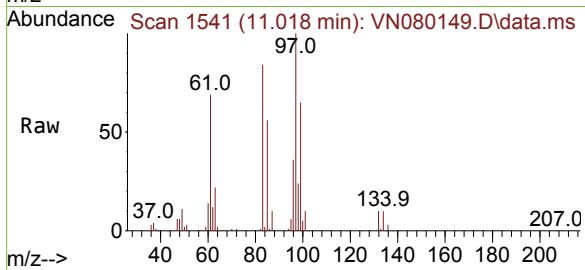
Ion Ratio Lower Upper

97 100

83 83.7 65.1 97.7

85 55.7 43.4 65.2

99 65.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 55.756 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

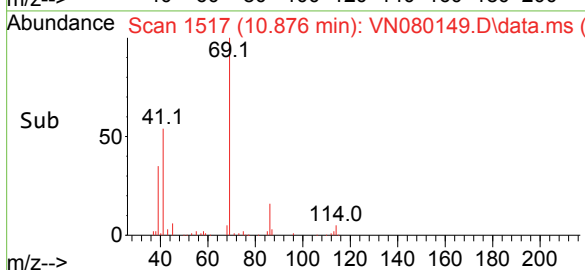
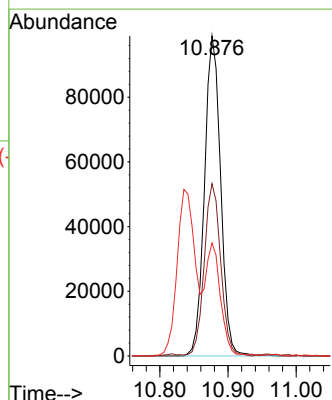
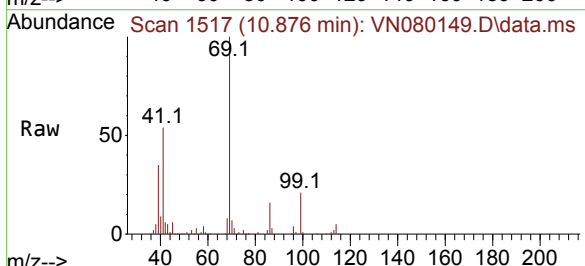
Tgt Ion: 69 Resp: 163134

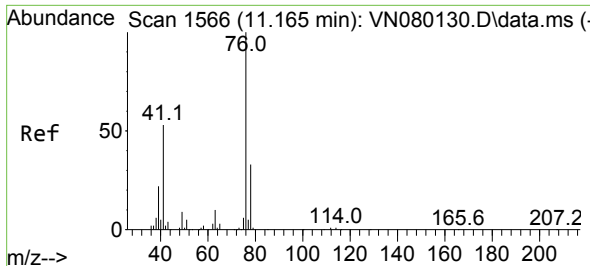
Ion Ratio Lower Upper

69 100

41 55.0 39.6 59.4

39 32.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 50.115 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

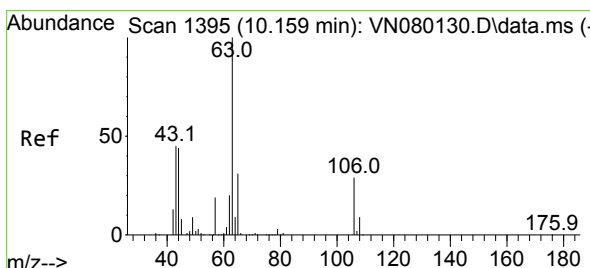
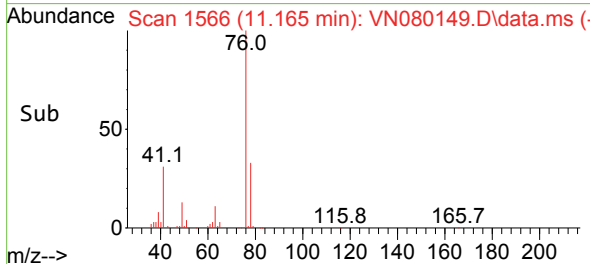
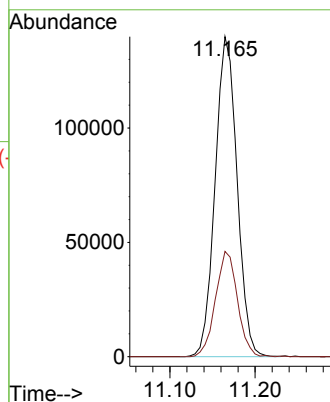
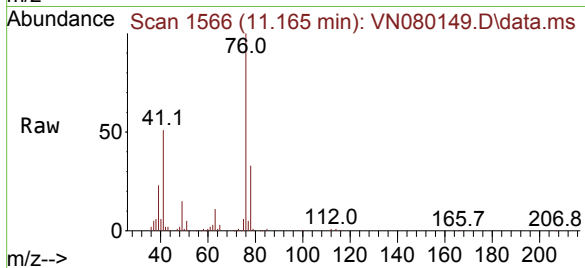
ClientSampleId :

Tgt Ion: 76 Resp: 250596

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 288.601 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080149.D

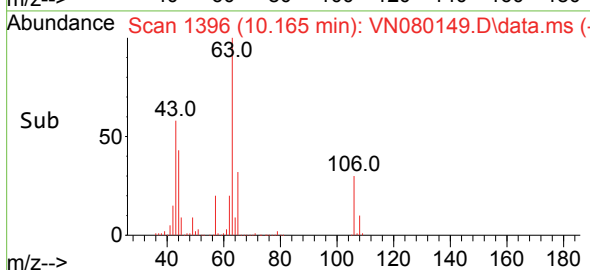
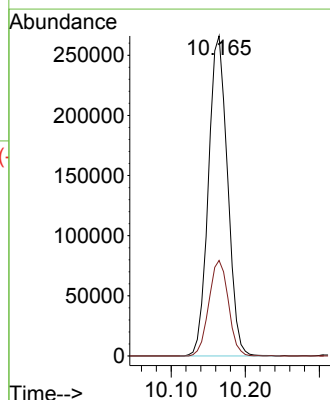
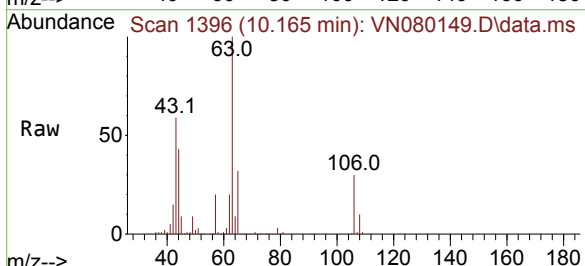
Acq: 16 Nov 2023 21:33

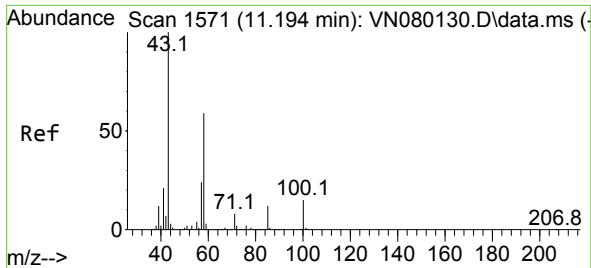
Tgt Ion: 63 Resp: 475709

Ion Ratio Lower Upper

63 100

106 30.5 26.2 39.4

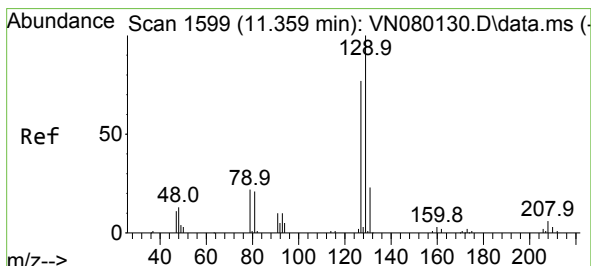
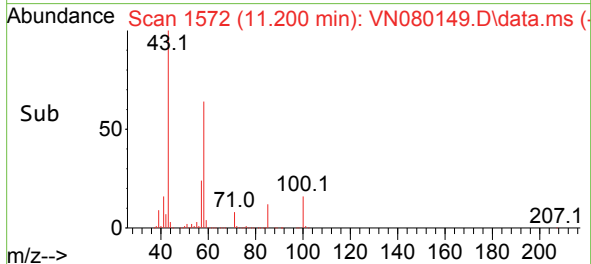
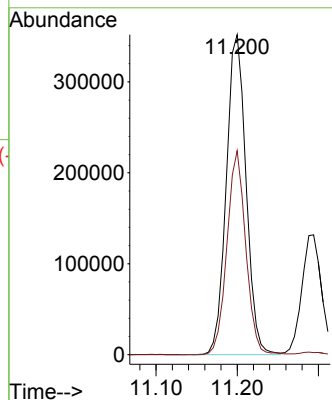
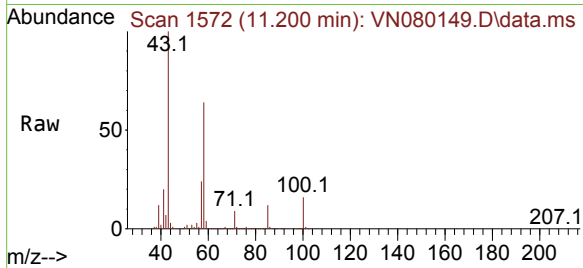




#59
2-Hexanone
Concen: 250.914 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

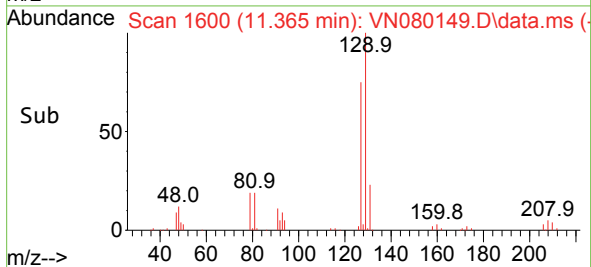
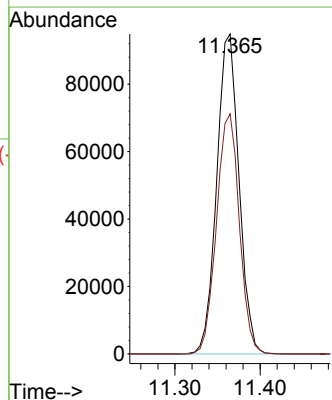
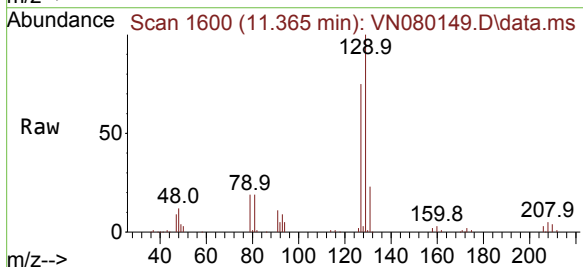
Instrument :
MSVOA_N
ClientSampleId :

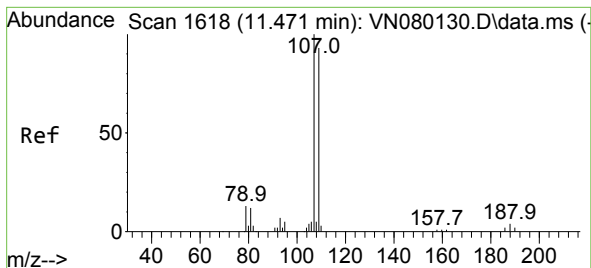
Tgt Ion: 43 Resp: 594432
Ion Ratio Lower Upper
43 100
58 60.7 31.7 95.1



#60
Dibromochloromethane
Concen: 50.296 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion:129 Resp: 172458
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

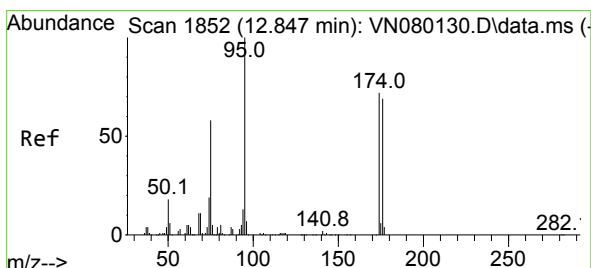
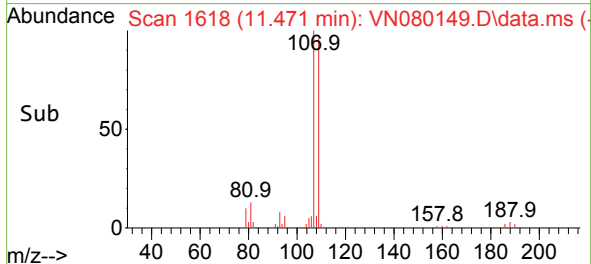
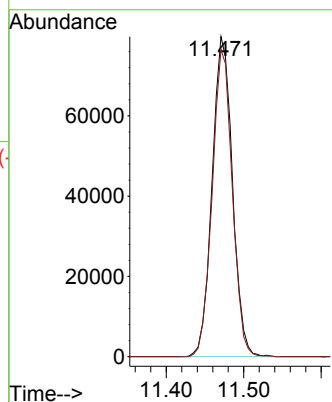
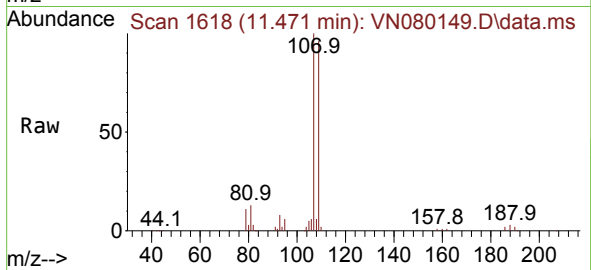




#61
1,2-Dibromoethane
Concen: 49.665 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

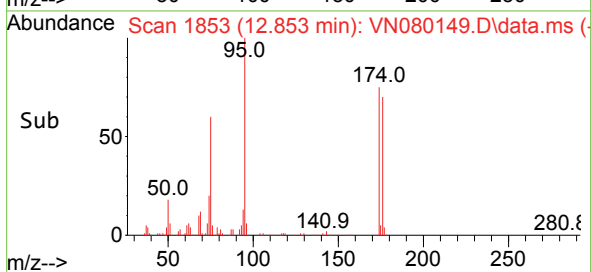
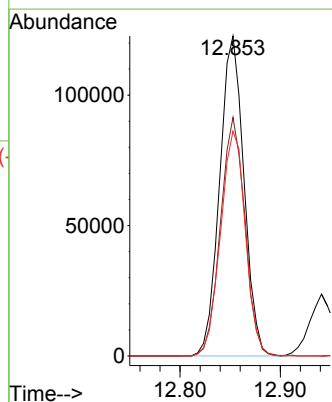
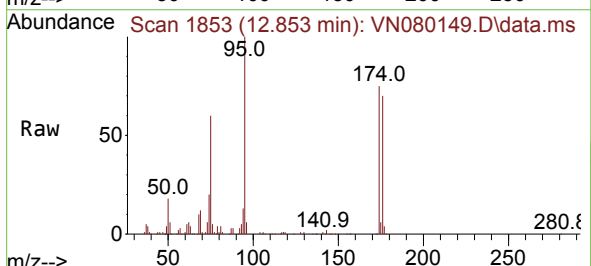
Instrument :
MSVOA_N
ClientSampleId :

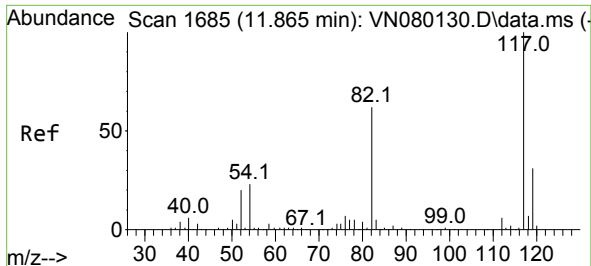
Tgt Ion:107 Resp: 145111
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.830 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 95 Resp: 205643
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 72.0 0.0 135.8

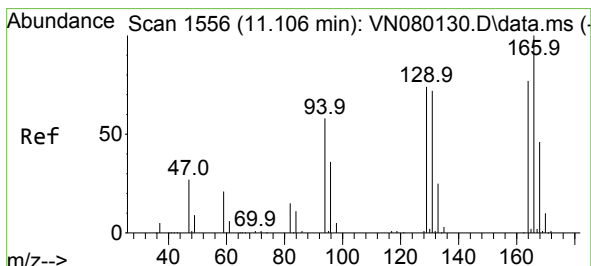
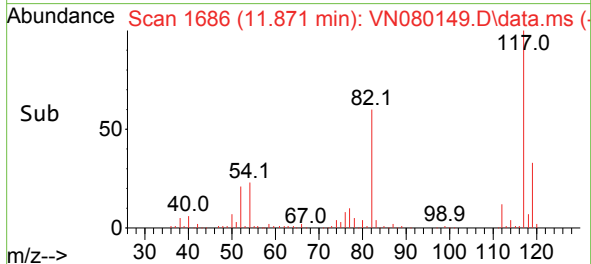
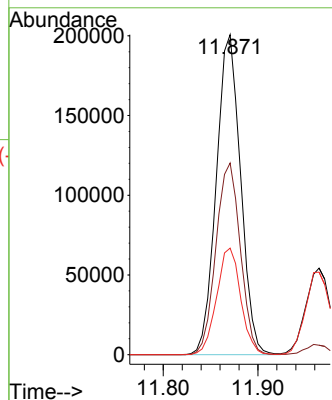
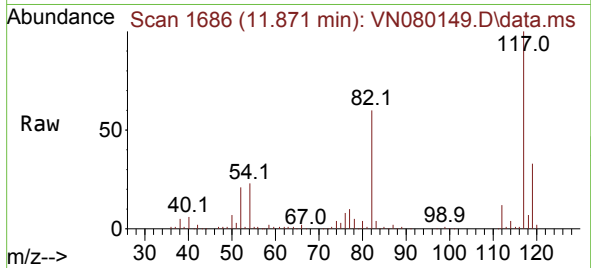




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

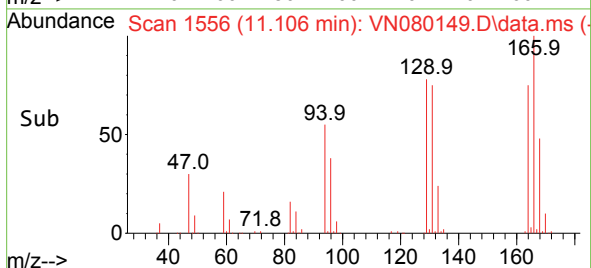
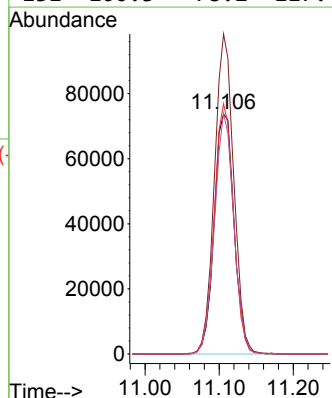
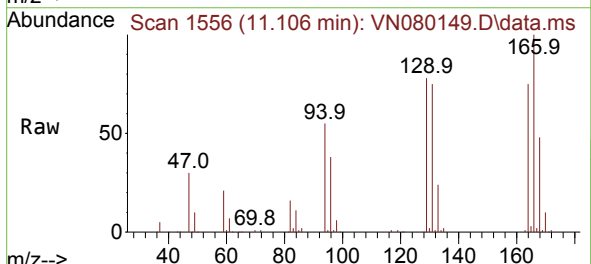
Instrument :
MSVOA_N
ClientSampleId :

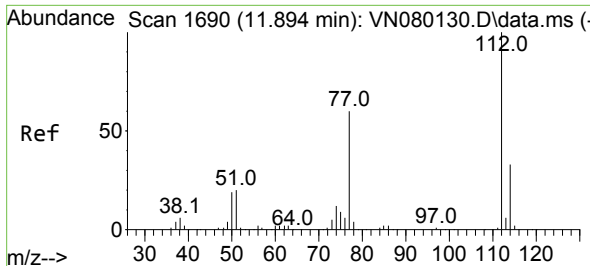
Tgt Ion:117 Resp: 358024
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 33.3 25.6 38.4



#64
Tetrachloroethene
Concen: 50.327 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion:164 Resp: 137508
Ion Ratio Lower Upper
164 100
166 133.2 101.4 152.0
129 104.1 82.4 123.6
131 100.3 78.2 117.4

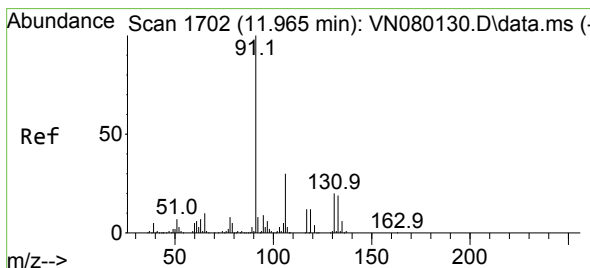
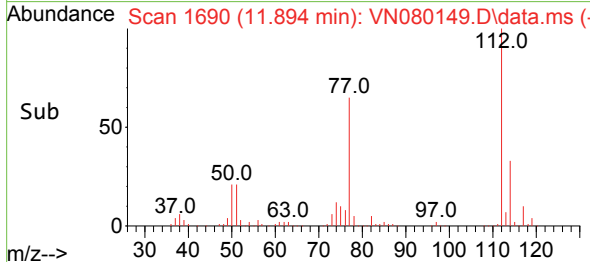
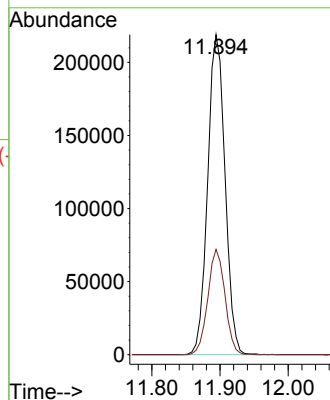
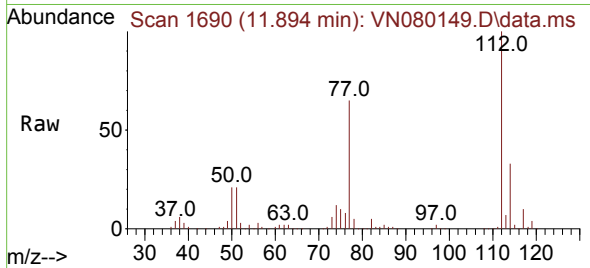




#65
Chlorobenzene
Concen: 47.874 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

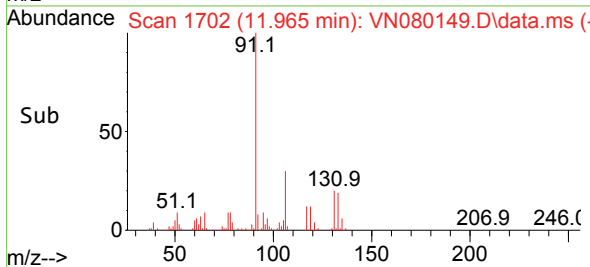
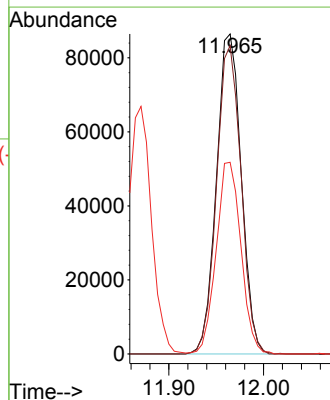
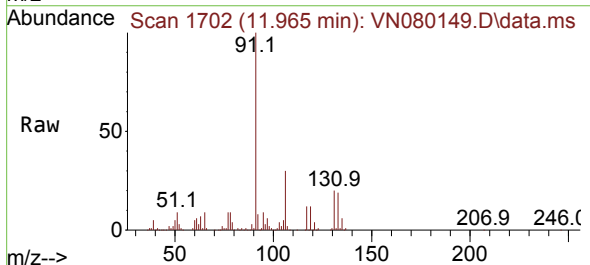
Instrument :
MSVOA_N
ClientSampleId :

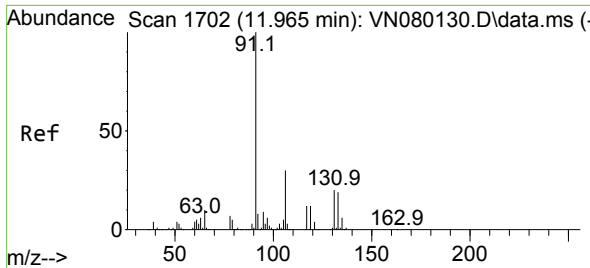
Tgt Ion:112 Resp: 388387
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.079 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion:131 Resp: 157660
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 59.8 34.1 102.2

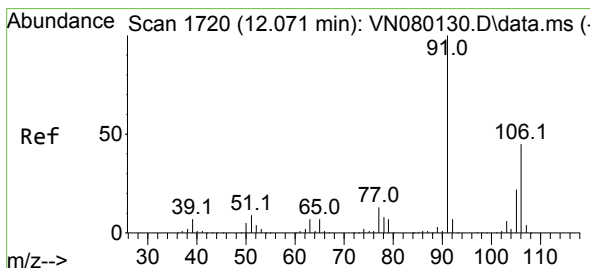
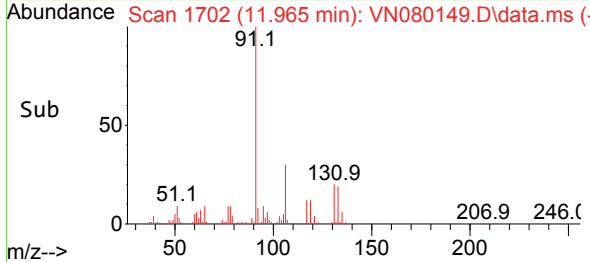
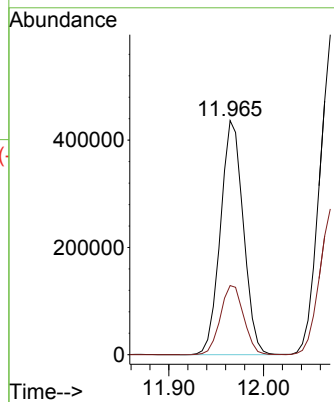
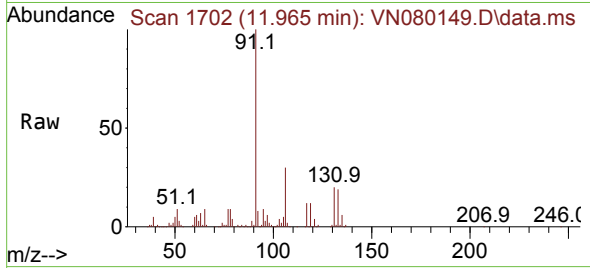




#67
Ethyl Benzene
Concen: 50.876 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

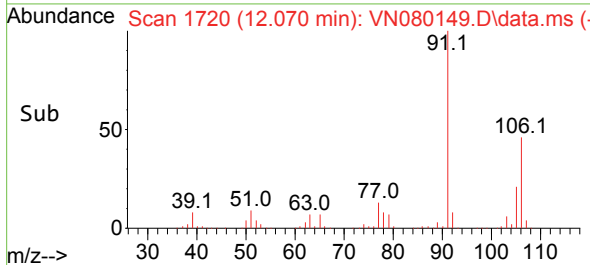
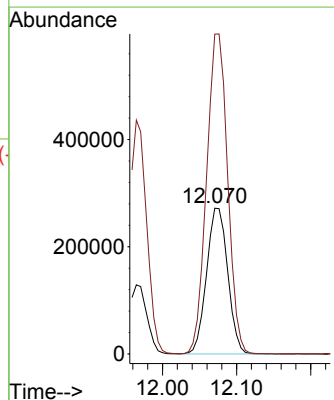
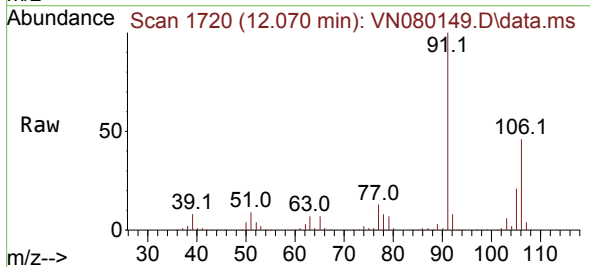
Instrument :
MSVOA_N
ClientSampleId :

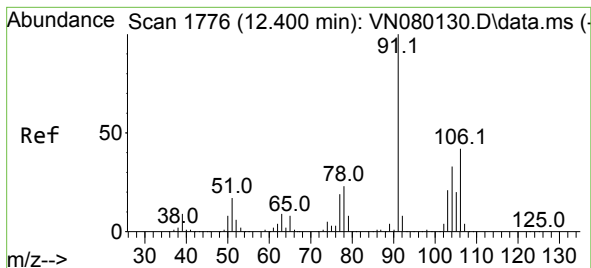
Tgt Ion: 91 Resp: 734436
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4



#68
m/p-Xylenes
Concen: 102.583 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion:106 Resp: 539935
Ion Ratio Lower Upper
106 100
91 218.7 159.6 239.4





#69

o-Xylene

Concen: 52.596 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

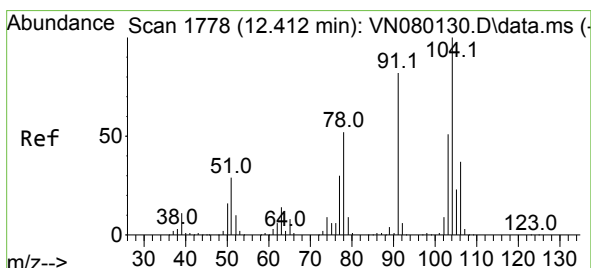
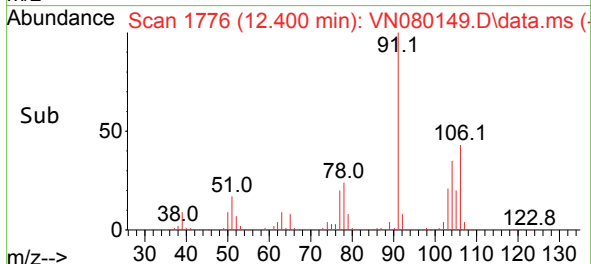
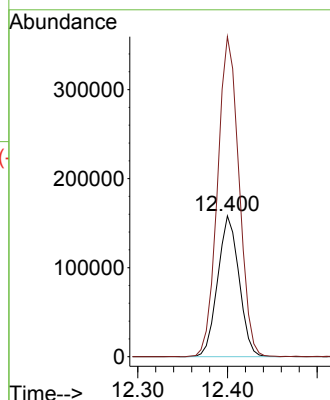
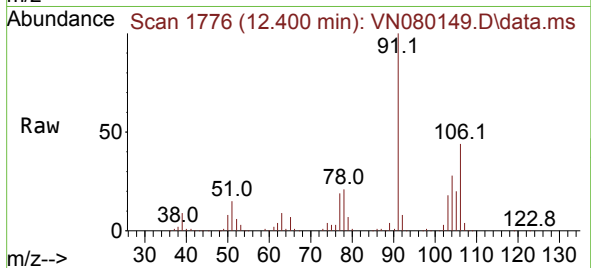
ClientSampleId :

Tgt Ion:106 Resp: 260893

Ion Ratio Lower Upper

106 100

91 229.2 105.2 315.5



#70

Styrene

Concen: 52.443 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

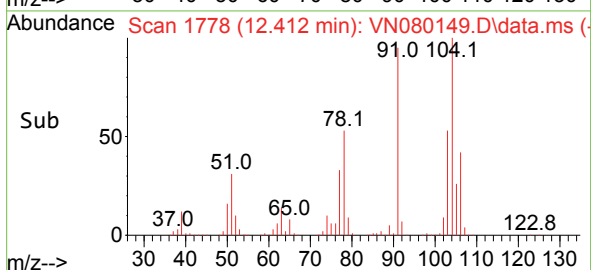
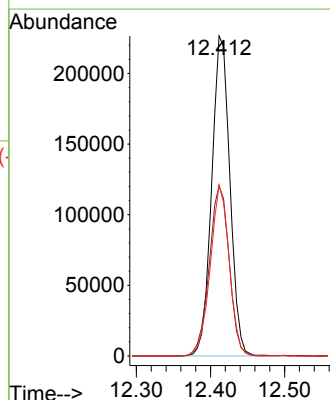
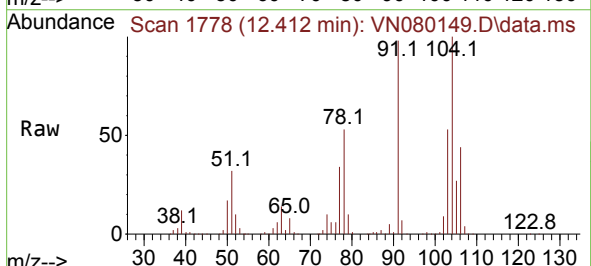
Tgt Ion:104 Resp: 387188

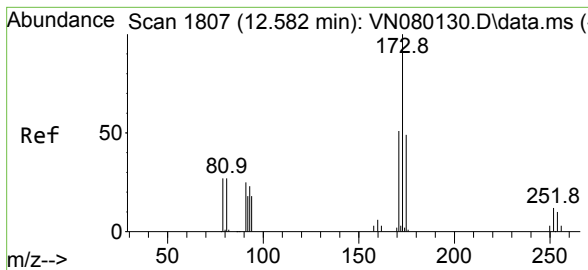
Ion Ratio Lower Upper

104 100

78 58.1 39.5 59.3

103 55.3 43.2 64.8

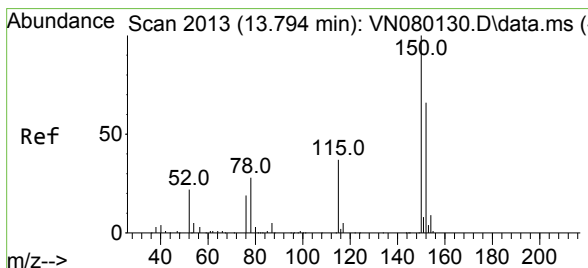
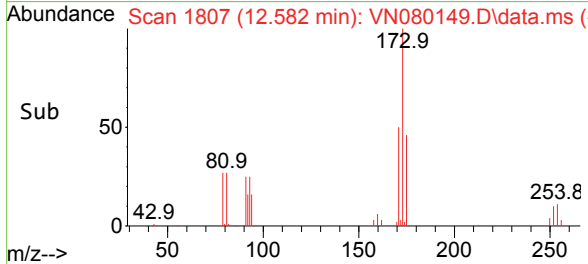
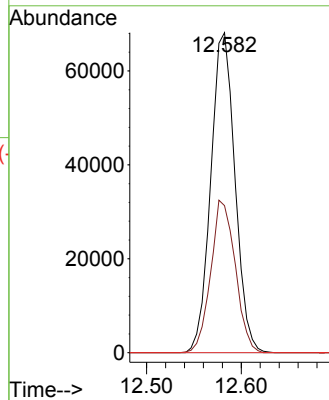
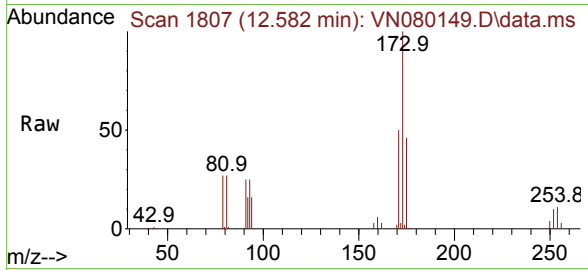




#71
Bromoform
Concen: 51.764 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

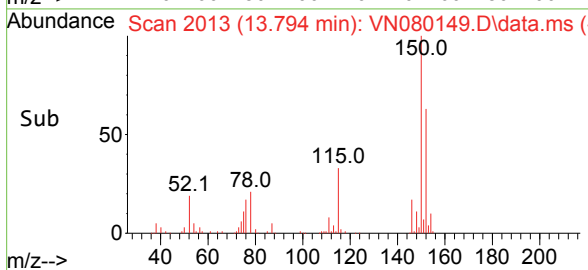
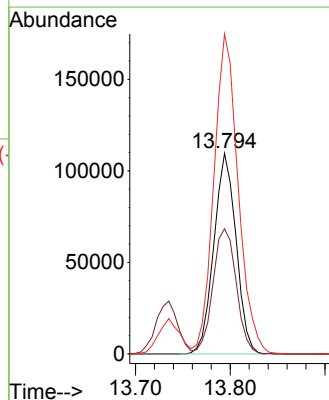
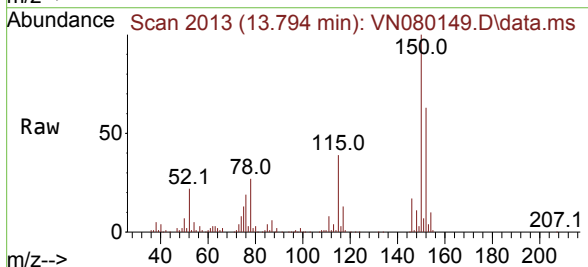
Instrument :
MSVOA_N
ClientSampleId :

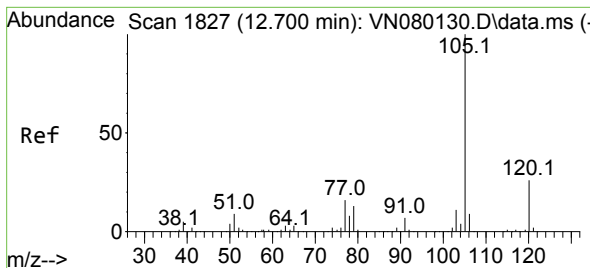
Tgt Ion:173 Resp: 120852
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion:152 Resp: 178630
Ion Ratio Lower Upper
152 100
115 65.8 32.3 96.8
150 174.1 0.0 355.8





#73

Isopropylbenzene

Concen: 50.060 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

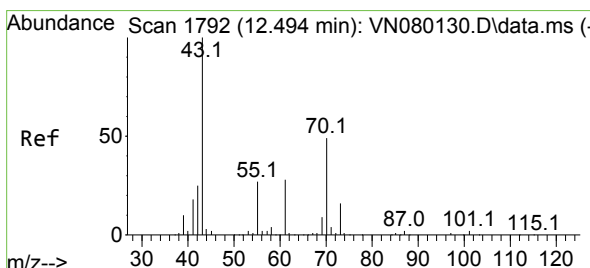
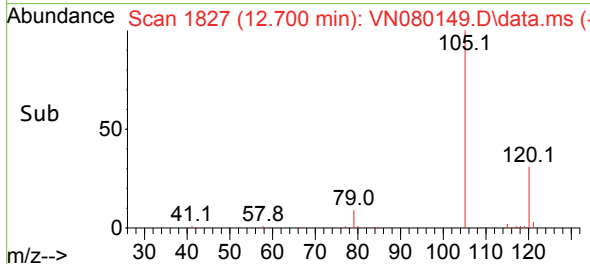
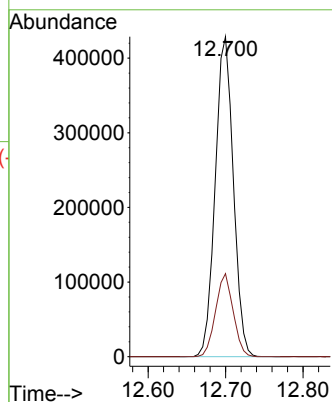
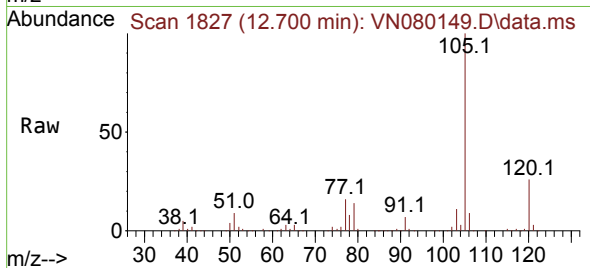
ClientSampleId :

Tgt Ion:105 Resp: 694870

Ion Ratio Lower Upper

105 100

120 25.2 13.1 39.1



#74

N-ethyl acetate

Concen: 50.709 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Tgt Ion: 43 Resp: 219504

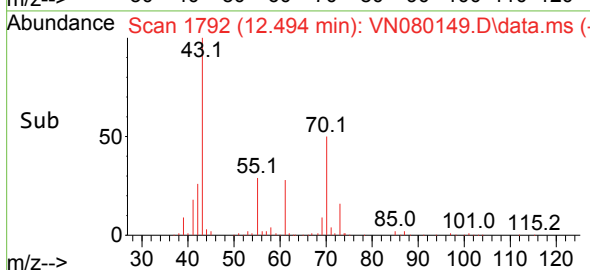
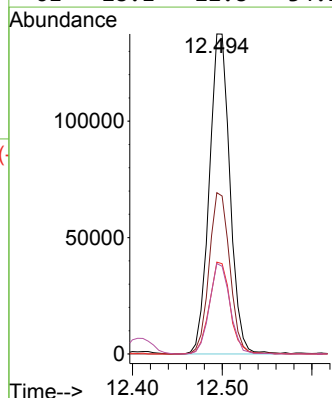
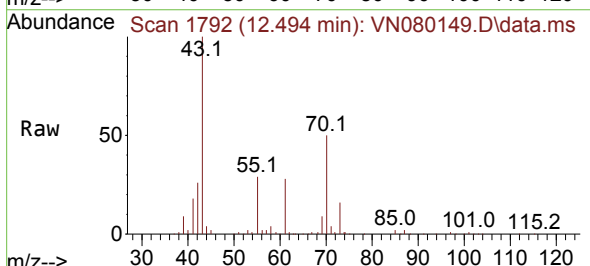
Ion Ratio Lower Upper

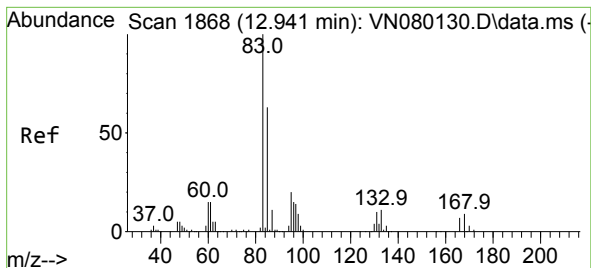
43 100

70 50.5 43.4 65.2

55 29.0 21.4 32.0

61 28.1 22.8 34.2





#75

1,1,2-Tetrachloroethane

Concen: 46.937 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

ClientSampleId :

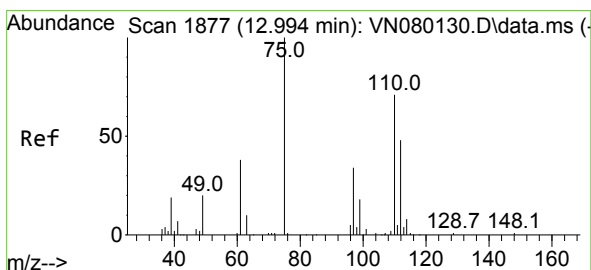
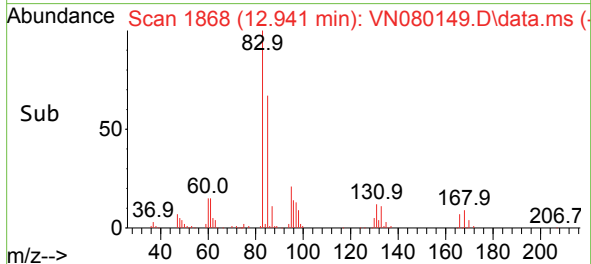
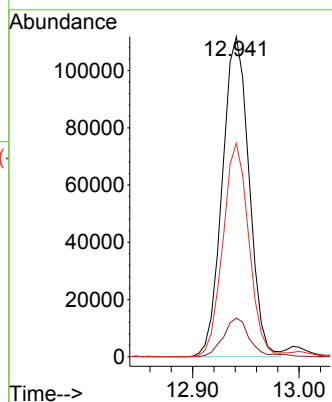
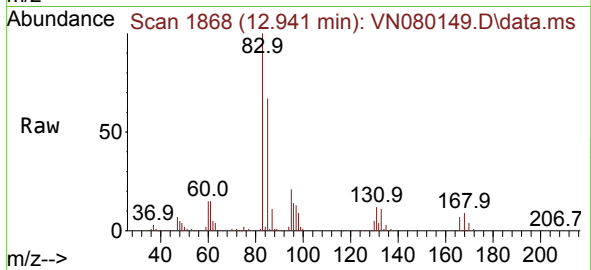
Tgt Ion: 83 Resp: 194998

Ion Ratio Lower Upper

83 100

131 12.0 5.0 15.0

85 64.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 61.400 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080149.D

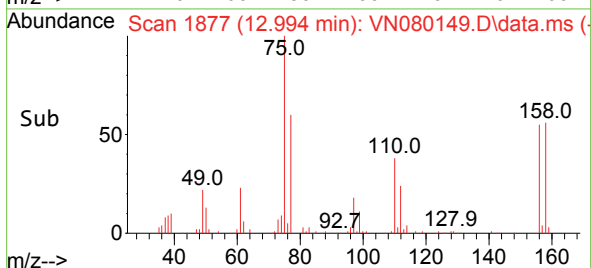
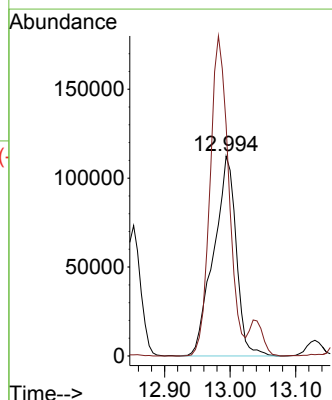
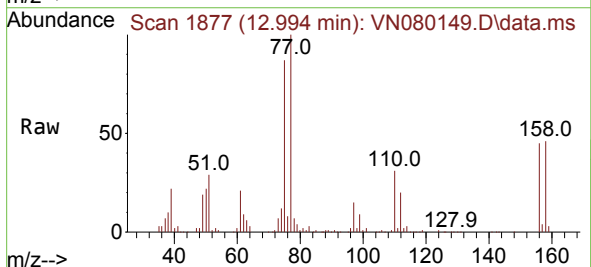
Acq: 16 Nov 2023 21:33

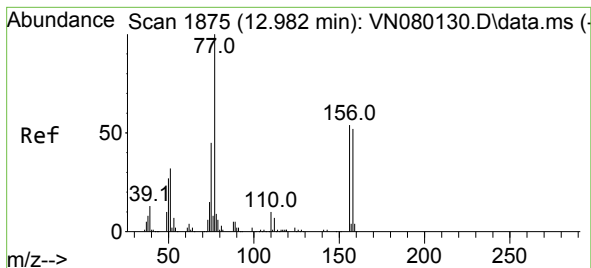
Tgt Ion: 75 Resp: 268732

Ion Ratio Lower Upper

75 100

77 132.8 84.5 253.5





#77

Bromobenzene

Concen: 46.000 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

ClientSampleId :

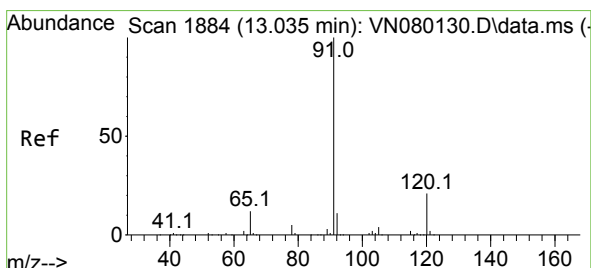
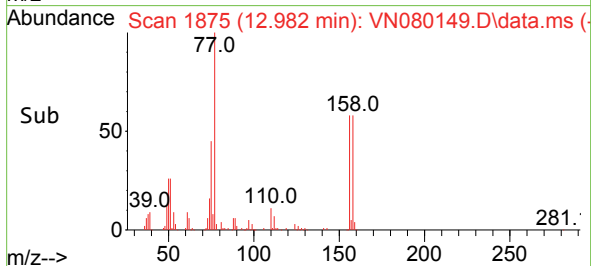
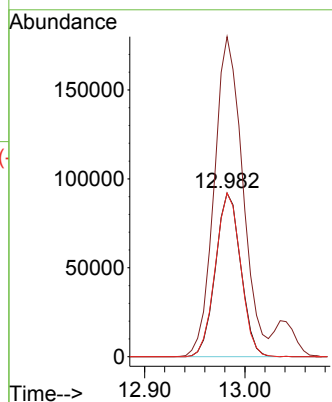
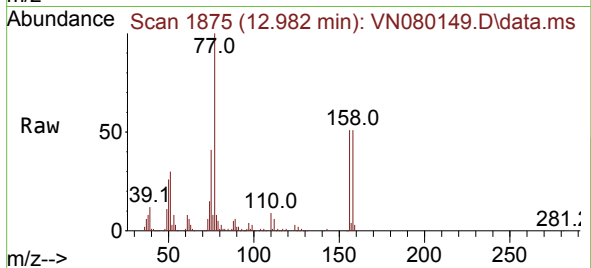
Tgt Ion:156 Resp: 160983

Ion Ratio Lower Upper

156 100

77 221.6 107.7 323.3

158 100.1 48.4 145.3



#78

n-propylbenzene

Concen: 49.905 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN080149.D

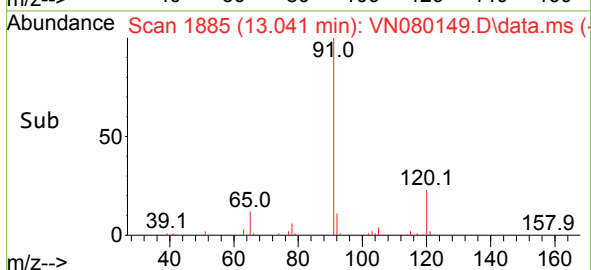
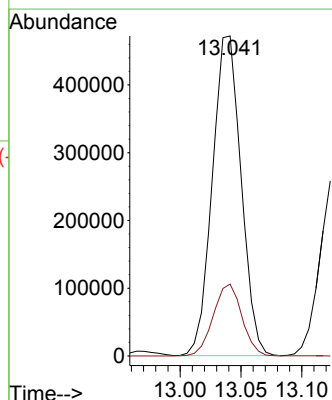
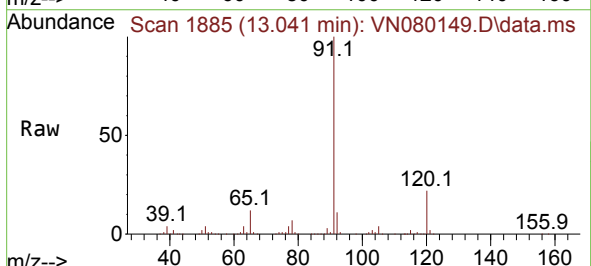
Acq: 16 Nov 2023 21:33

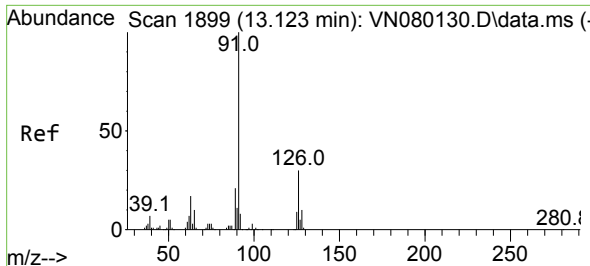
Tgt Ion: 91 Resp: 774631

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4

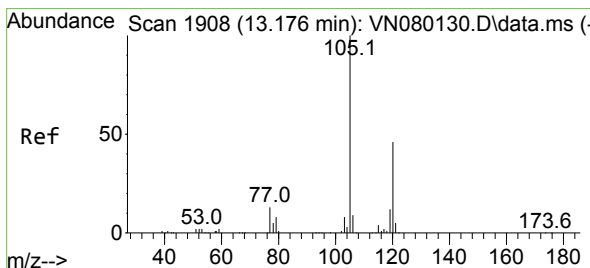
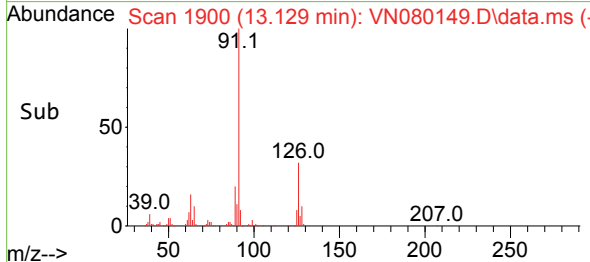
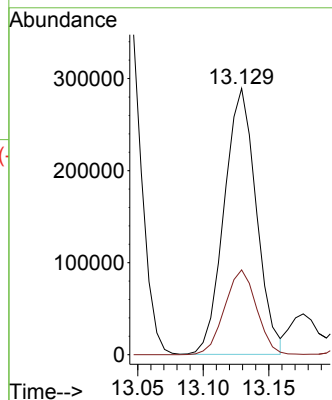
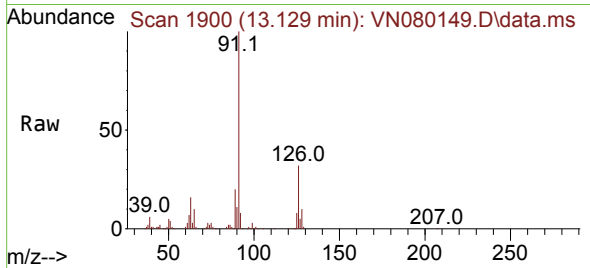




#79
2-Chlorotoluene
Concen: 48.938 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

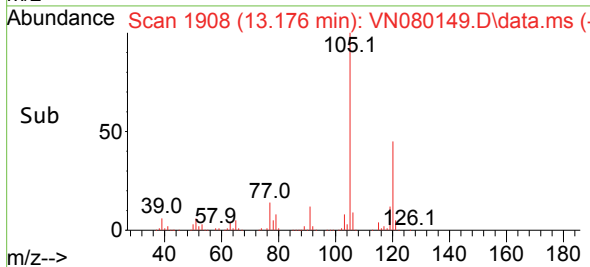
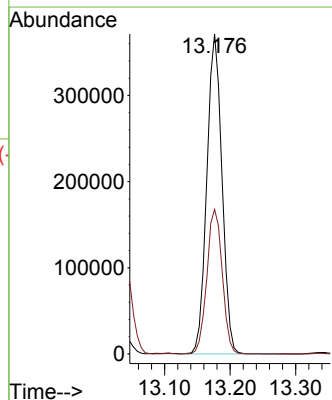
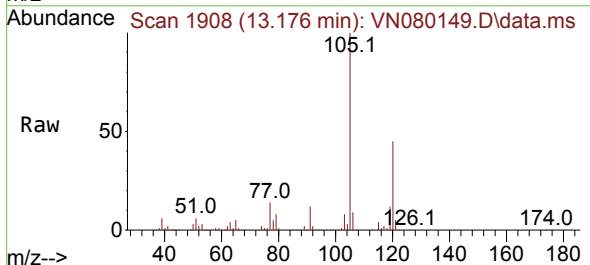
Instrument :
MSVOA_N
ClientSampleId :

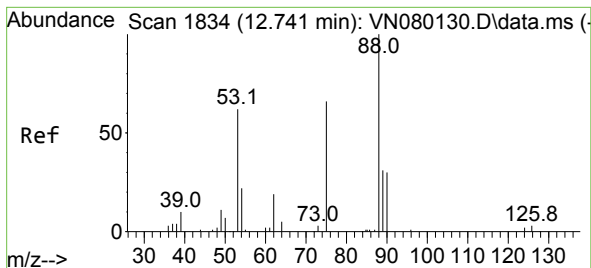
Tgt Ion: 91 Resp: 493368
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 49.408 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 105 Resp: 597011
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3

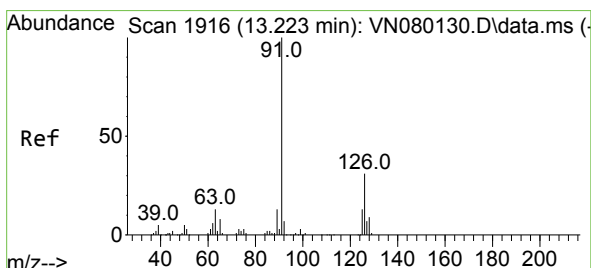
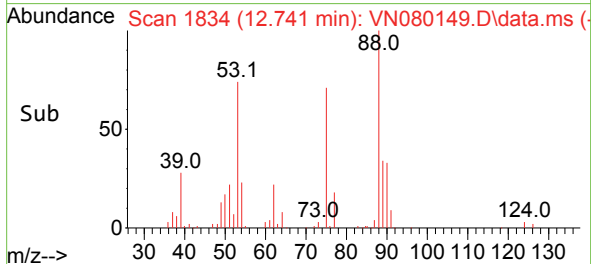
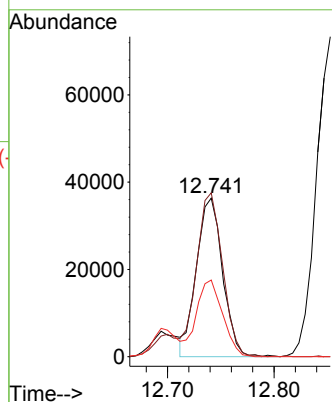
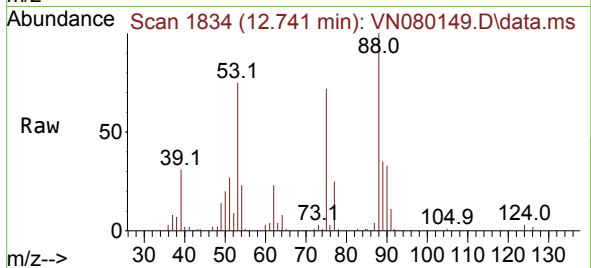




#81
trans-1,4-Dichloro-2-butene
Concen: 47.904 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

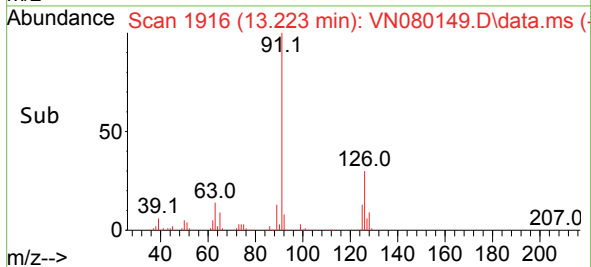
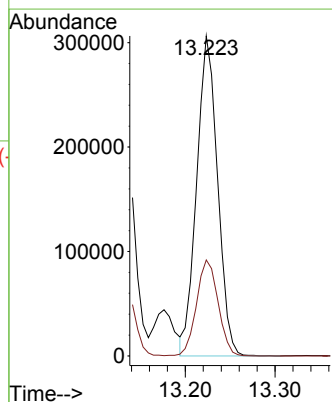
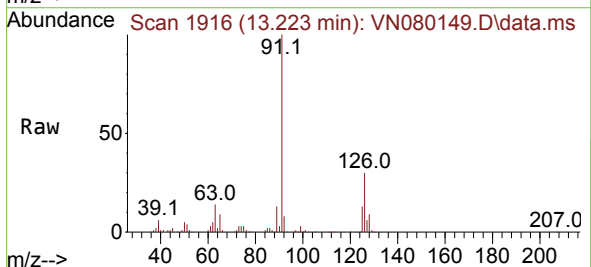
Instrument :
MSVOA_N
ClientSampleId :

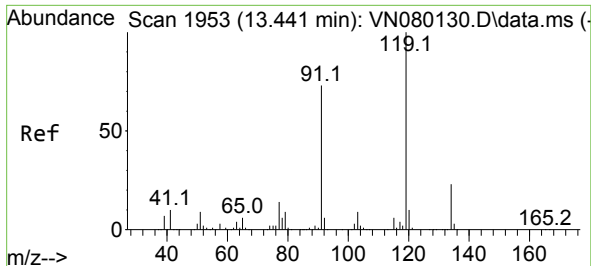
Tgt Ion: 75 Resp: 62056
Ion Ratio Lower Upper
75 100
53 102.9 67.4 101.2#
89 49.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 48.004 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 91 Resp: 495779
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0

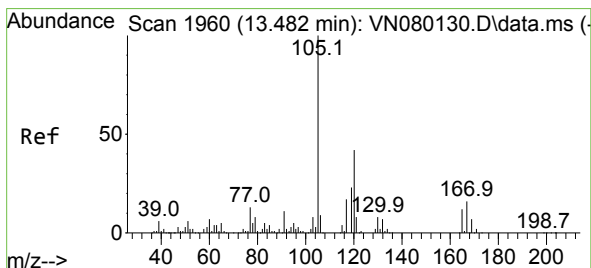
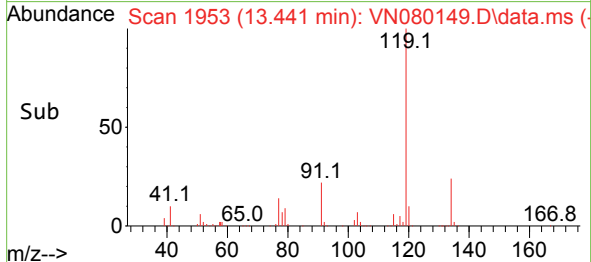
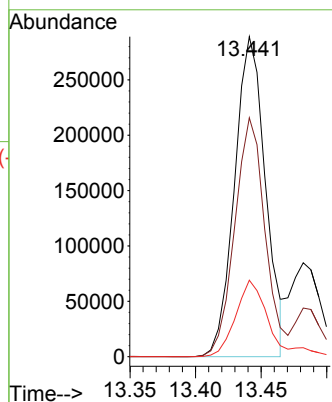
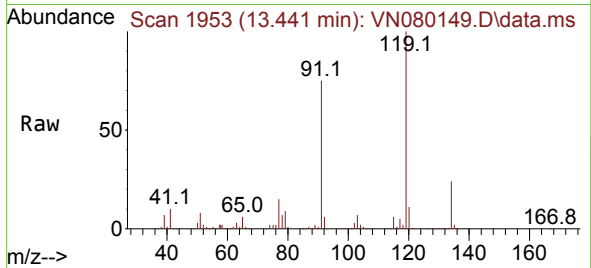




#83
 tert-Butylbenzene
 Concen: 48.896 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN080149.D
 Acq: 16 Nov 2023 21:33

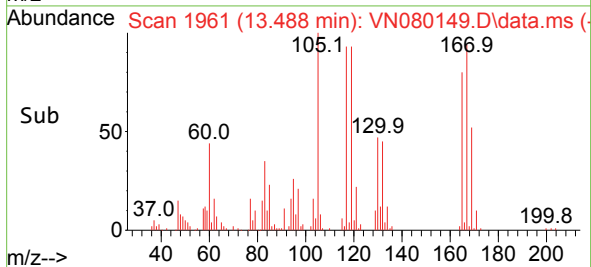
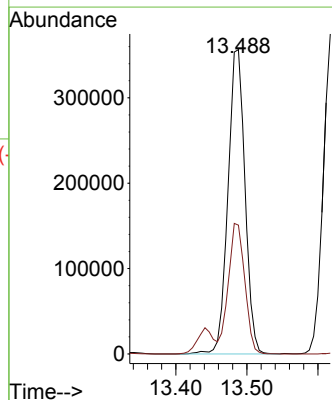
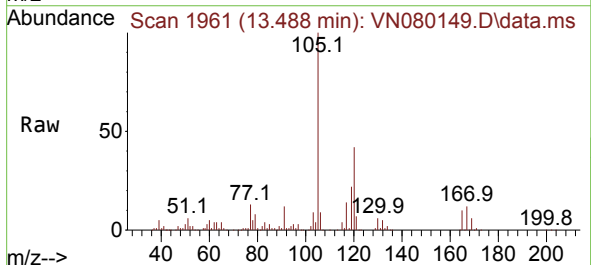
Instrument :
 MSVOA_N
 ClientSampleId :

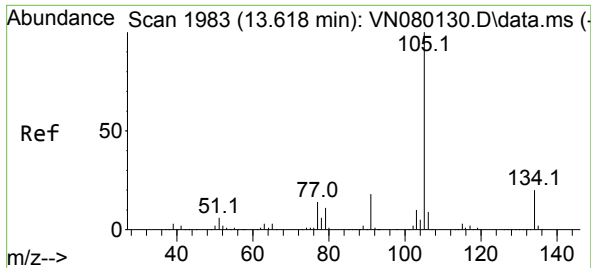
Tgt Ion:119 Resp: 473801
 Ion Ratio Lower Upper
 119 100
 91 73.8 33.9 101.7
 134 25.7 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.840 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080149.D
 Acq: 16 Nov 2023 21:33

Tgt Ion:105 Resp: 593001
 Ion Ratio Lower Upper
 105 100
 120 41.5 22.0 66.0

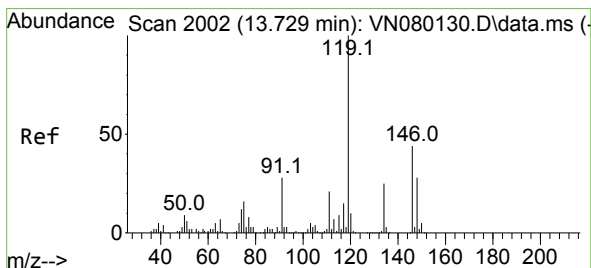
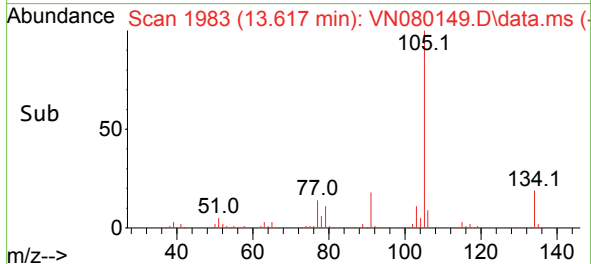
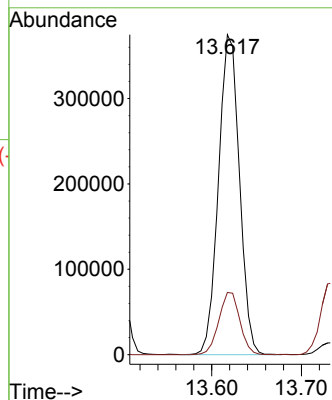
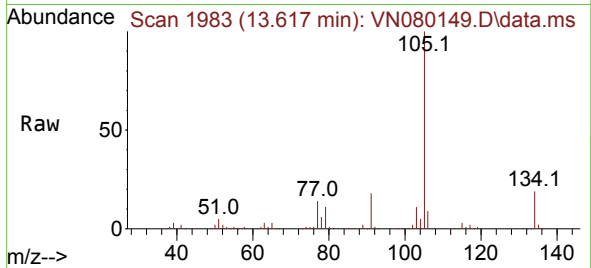




#85
 sec-Butylbenzene
 Concen: 49.617 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080149.D
 Acq: 16 Nov 2023 21:33

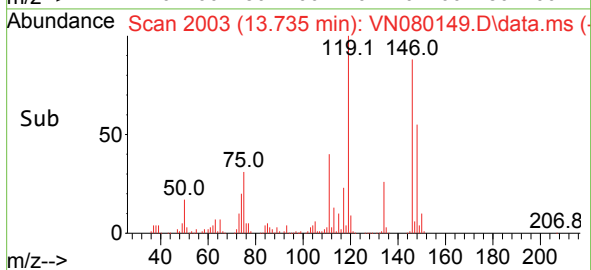
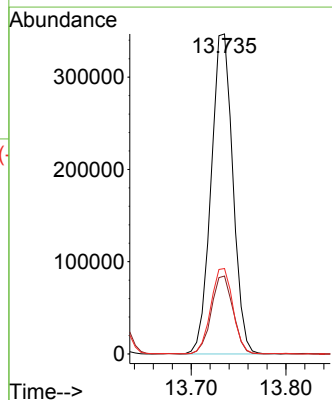
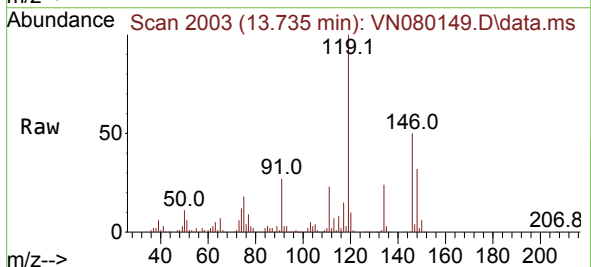
Instrument :
 MSVOA_N
 ClientSampleId :

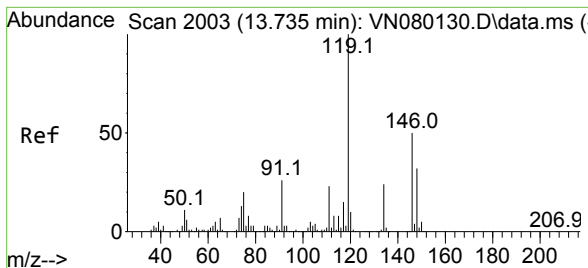
Tgt Ion:105 Resp: 608201
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 50.527 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080149.D
 Acq: 16 Nov 2023 21:33

Tgt Ion:119 Resp: 553277
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.6 37.8
 91 26.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.265 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

ClientSampleId :

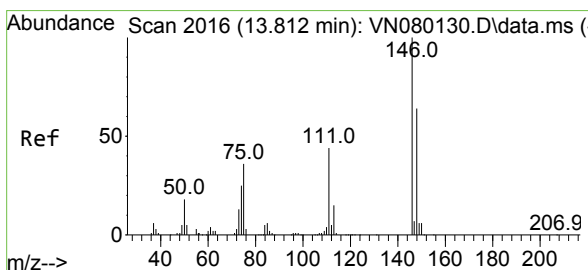
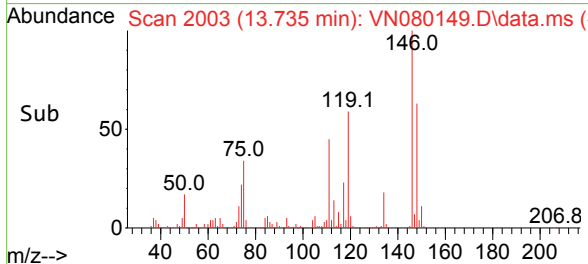
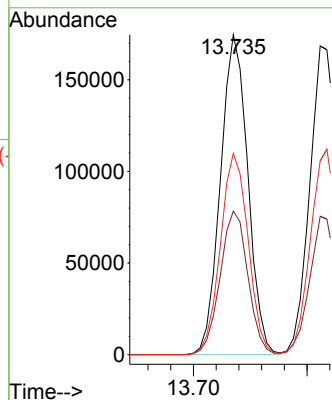
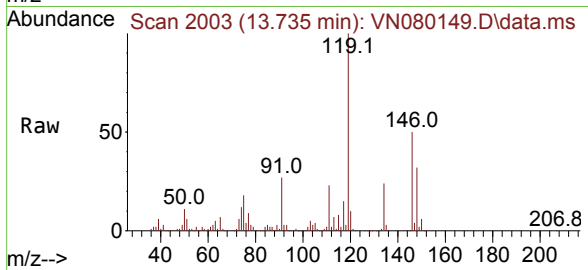
Tgt Ion:146 Resp: 291713

Ion Ratio Lower Upper

146 100

111 45.6 22.1 66.3

148 63.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 45.935 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

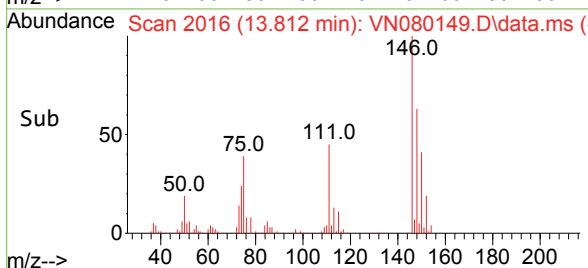
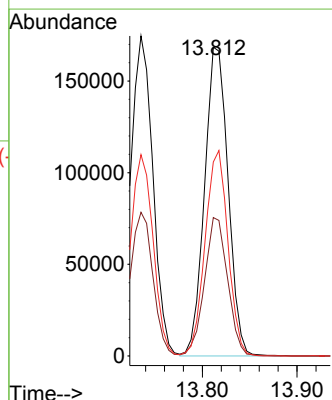
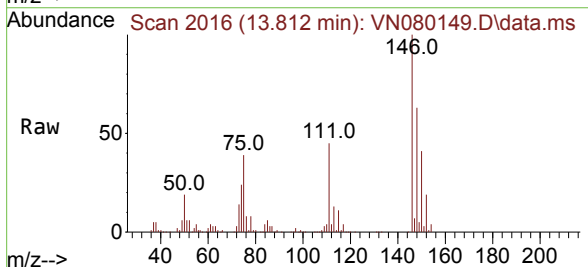
Tgt Ion:146 Resp: 291063

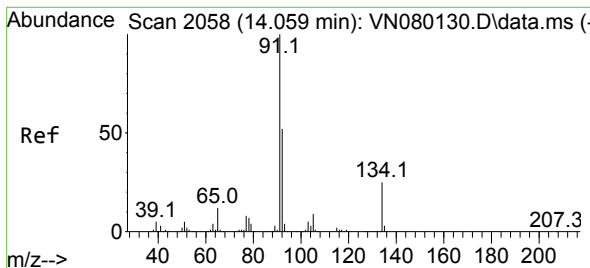
Ion Ratio Lower Upper

146 100

111 44.3 20.6 61.8

148 64.7 31.6 94.8





#89

n-Butylbenzene

Concen: 47.974 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

ClientSampleId :

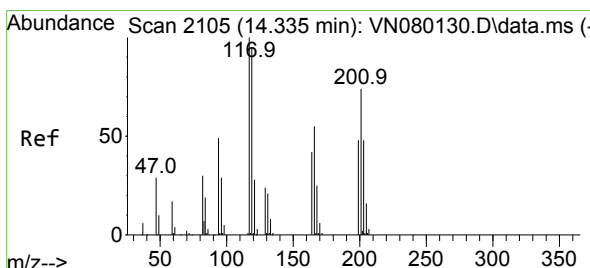
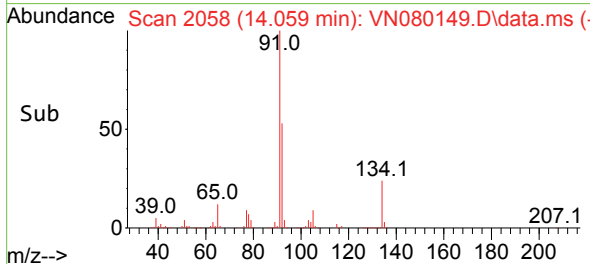
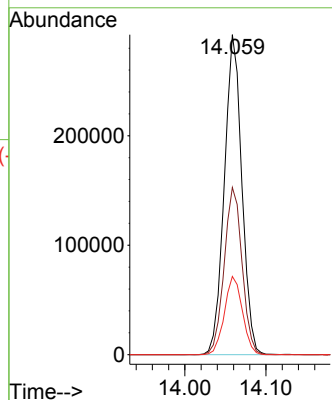
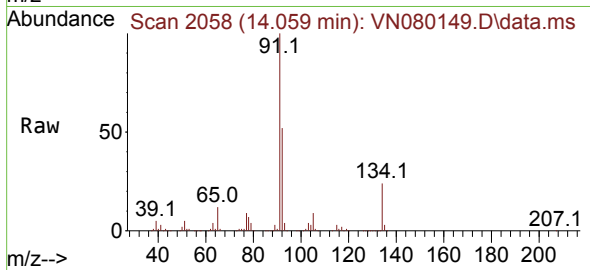
Tgt Ion: 91 Resp: 439694

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.0

134 25.1 12.6 37.6



#90

Hexachloroethane

Concen: 46.874 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080149.D

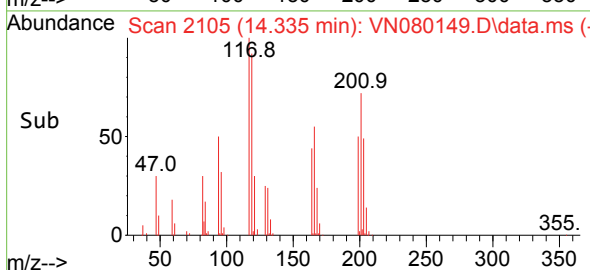
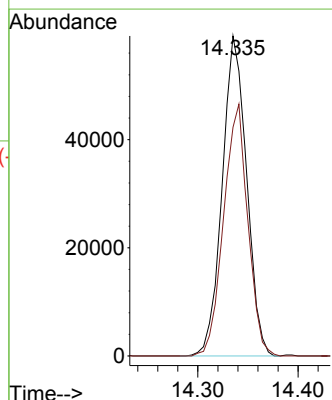
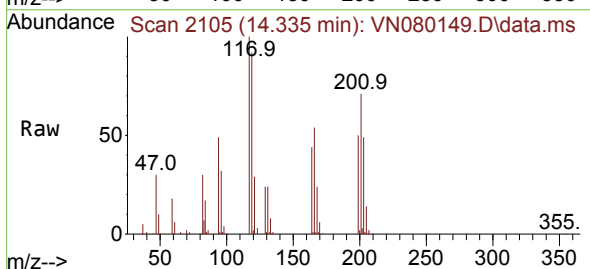
Acq: 16 Nov 2023 21:33

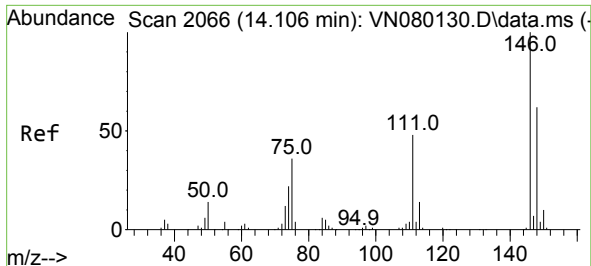
Tgt Ion: 117 Resp: 100063

Ion Ratio Lower Upper

117 100

201 77.9 29.3 88.0

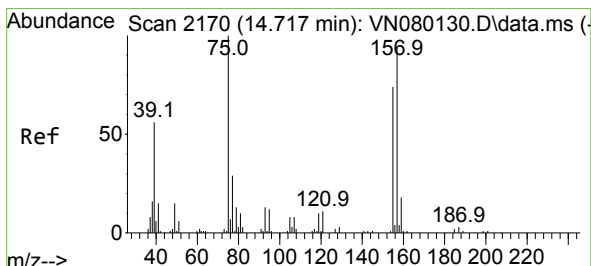
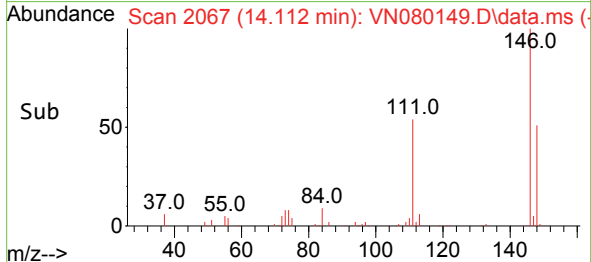
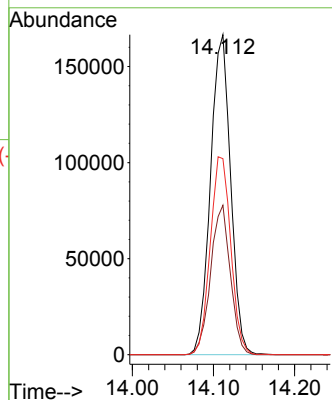
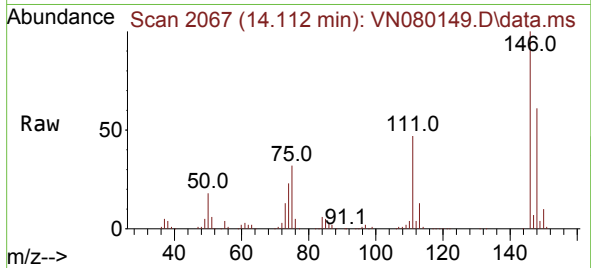




#91
1,2-Dichlorobenzene
Concen: 47.535 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

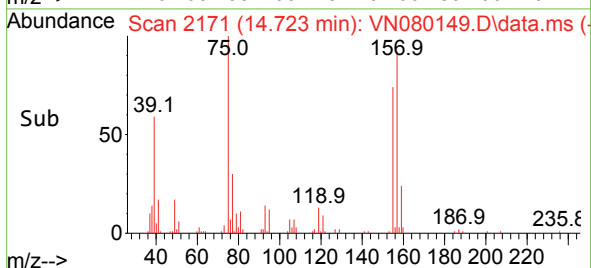
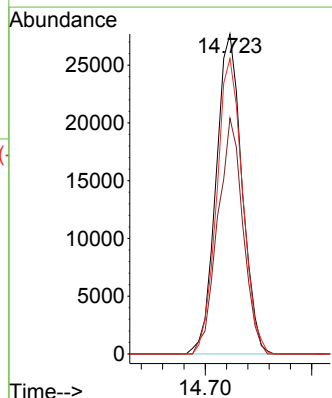
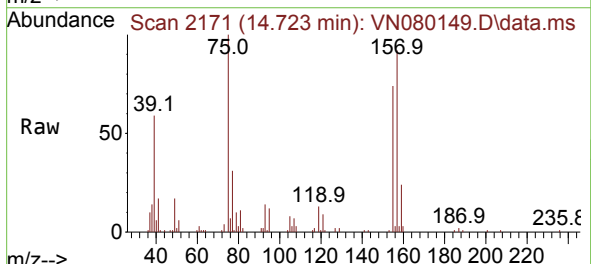
Instrument :
MSVOA_N
ClientSampleId :

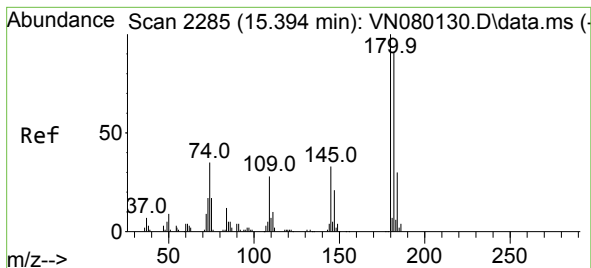
Tgt Ion:146 Resp: 286814
Ion Ratio Lower Upper
146 100
111 45.7 22.0 66.0
148 63.1 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.405 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080149.D
Acq: 16 Nov 2023 21:33

Tgt Ion: 75 Resp: 46710
Ion Ratio Lower Upper
75 100
155 72.0 39.1 117.2
157 91.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 43.428 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

ClientSampleId :

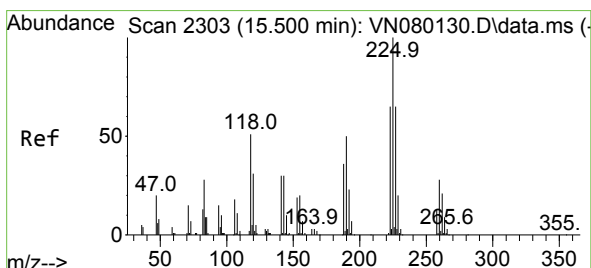
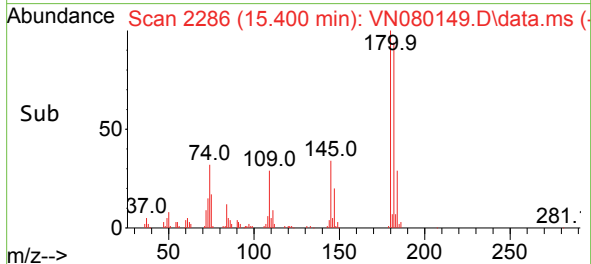
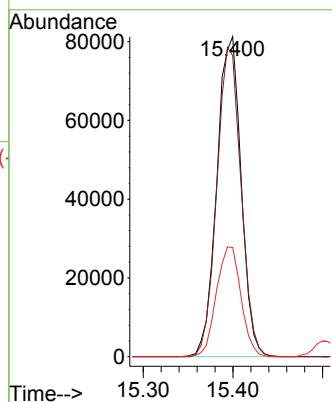
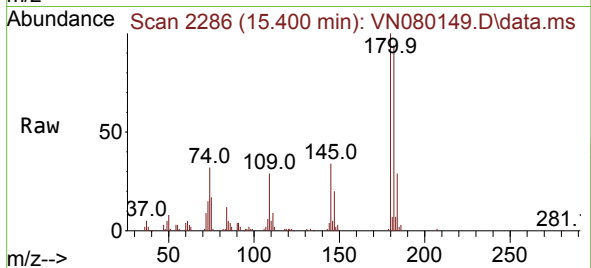
Tgt Ion:180 Resp: 152399

Ion Ratio Lower Upper

180 100

182 96.5 46.1 138.2

145 34.8 16.6 49.8



#94

Hexachlorobutadiene

Concen: 39.504 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

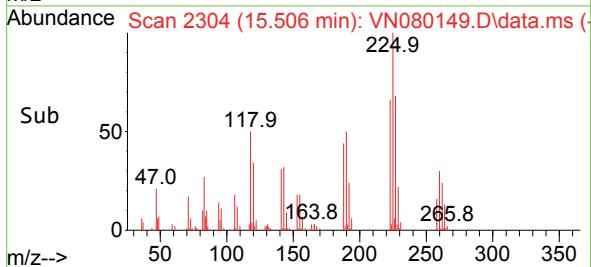
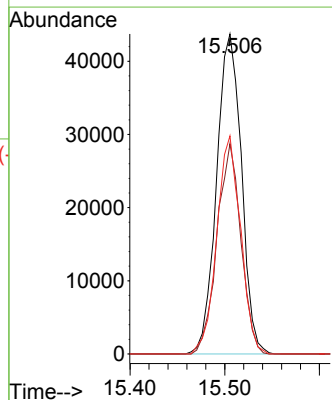
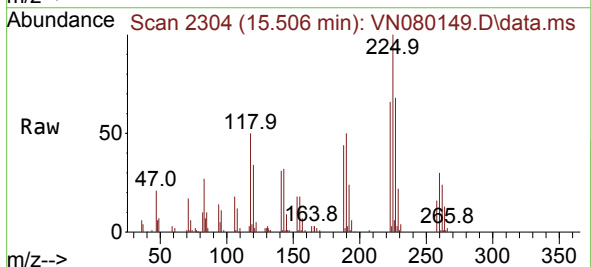
Tgt Ion:225 Resp: 79777

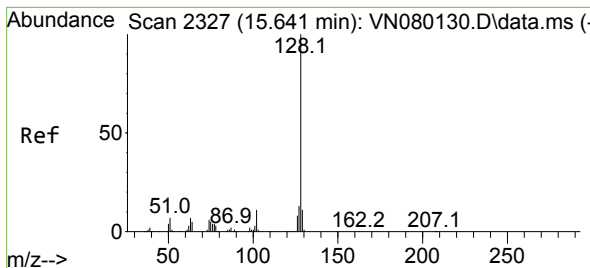
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 65.4 31.9 95.9





#95

Naphthalene

Concen: 44.353 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Instrument :

MSVOA_N

ClientSampleId :

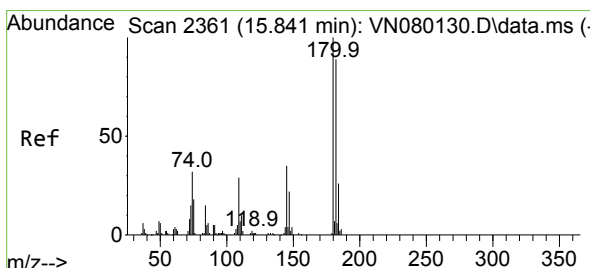
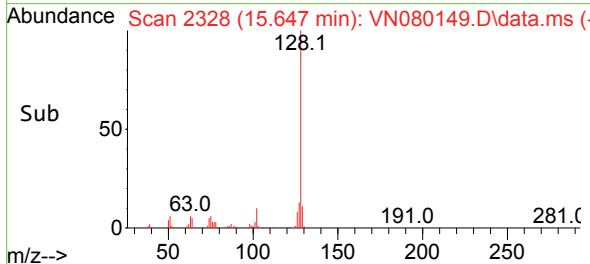
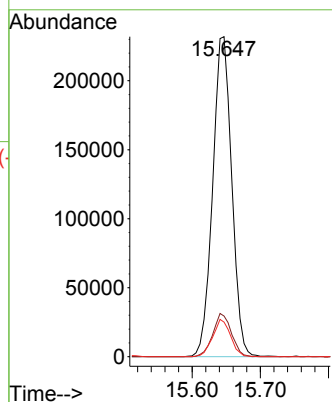
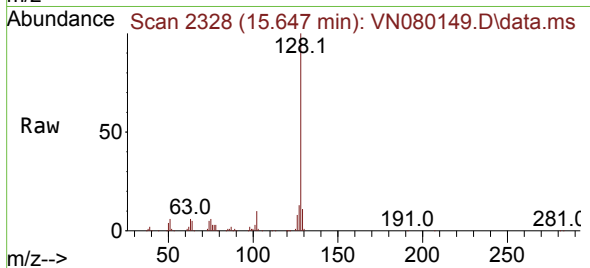
Tgt Ion:128 Resp: 451350

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.487 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080149.D

Acq: 16 Nov 2023 21:33

Tgt Ion:180 Resp: 146330

Ion Ratio Lower Upper

180 100

182 95.9 46.2 138.6

145 35.0 17.5 52.6

