

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
 Data File : VN080228.D
 Acq On : 21 Nov 2023 13:31
 Operator : JC\MD
 Sample : VN1121WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 00:05:11 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	8.229	168	220814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	177592	48.709	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.420%
35) Dibromofluoromethane	8.165	113	125664	50.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.940%
50) Toluene-d8	10.570	98	448259	50.439	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.847	95	165224	49.220	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	61692	18.756	ug/l	96
3) Chloromethane	2.359	50	37089	14.998	ug/l	94
4) Vinyl Chloride	2.518	62	41137	15.719	ug/l	98
5) Bromomethane	2.959	94	30966	17.430	ug/l	98
6) Chloroethane	3.124	64	29514	17.119	ug/l	94
7) Trichlorofluoromethane	3.500	101	101456	18.584	ug/l	97
8) Diethyl Ether	3.959	74	26254	16.536	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	44438	17.809	ug/l	94
10) Methyl Iodide	4.594	142	44375	16.456	ug/l #	86
11) Tert butyl alcohol	5.512	59	31758	79.208	ug/l #	85
12) 1,1-Dichloroethene	4.341	96	40001	17.139	ug/l	83
13) Acrolein	4.177	56	27734	78.161	ug/l	98
14) Allyl chloride	5.024	41	45419	15.468	ug/l #	84
15) Acrylonitrile	5.718	53	83847	77.899	ug/l	96
16) Acetone	4.430	43	82587	67.440	ug/l	92
17) Carbon Disulfide	4.718	76	103395	14.837	ug/l	99
18) Methyl Acetate	5.024	43	61924	15.738	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	148099	17.969	ug/l	96
20) Methylene Chloride	5.277	84	45897	17.897	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	43484	16.960	ug/l	84
22) Diisopropyl ether	6.665	45	110378	16.990	ug/l	98
23) Vinyl Acetate	6.606	43	322242	82.508	ug/l	93
24) 1,1-Dichloroethane	6.571	63	79408	16.782	ug/l	98
25) 2-Butanone	7.482	43	101544	69.791	ug/l	89
26) 2,2-Dichloropropane	7.488	77	87577	18.656	ug/l	94
27) cis-1,2-Dichloroethene	7.488	96	48891	16.819	ug/l	84
28) Bromochloromethane	7.812	49	31519	16.944	ug/l	98
29) Tetrahydrofuran	7.835	42	61560	78.808	ug/l	96
30) Chloroform	7.965	83	96378	18.224	ug/l	98
31) Cyclohexane	8.253	56	65503	16.520	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	98141	19.029	ug/l	96
36) 1,1-Dichloropropene	8.371	75	66555	18.646	ug/l	96
37) Ethyl Acetate	7.559	43	40462	16.343	ug/l	98
38) Carbon Tetrachloride	8.365	117	89607	19.783	ug/l	93
39) Methylcyclohexane	9.606	83	62723	18.225	ug/l	90
40) Benzene	8.606	78	180444	17.787	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	22818	16.782	ug/l	93
42) 1,2-Dichloroethane	8.671	62	86038	20.730	ug/l	93
43) Isopropyl Acetate	8.694	43	74718	15.508	ug/l	99
44) Trichloroethene	9.353	130	49206	18.491	ug/l	97
45) 1,2-Dichloropropane	9.623	63	42159	17.883	ug/l	96
46) Dibromomethane	9.712	93	33855	18.971	ug/l	92
47) Bromodichloromethane	9.888	83	77204	19.667	ug/l	95
48) Methyl methacrylate	9.682	41	44636	17.978	ug/l	92
49) 1,4-Dioxane	9.700	88	13298	321.944	ug/l	87
51) 4-Methyl-2-Pentanone	10.447	43	214290	85.910	ug/l	95
52) Toluene	10.629	92	118130	18.607	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	75552	18.733	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	77353	18.773	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	45091	18.609	ug/l	99
56) Ethyl methacrylate	10.876	69	45157	18.242	ug/l	88
57) 1,3-Dichloropropane	11.165	76	77988	18.434	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	125122	89.721	ug/l	99
59) 2-Hexanone	11.200	43	160278	79.965	ug/l	95
60) Dibromochloromethane	11.359	129	56995	19.647	ug/l	100
61) 1,2-Dibromoethane	11.470	107	45296	18.324	ug/l	97
64) Tetrachloroethene	11.100	164	45512	19.902	ug/l	97
65) Chlorobenzene	11.894	112	127297	18.748	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	52673	19.991	ug/l	92
67) Ethyl Benzene	11.965	91	227611	18.839	ug/l	96
68) m/p-Xylenes	12.070	106	170518	38.708	ug/l	87
69) o-Xylene	12.400	106	80697	19.438	ug/l	85
70) Styrene	12.412	104	120081	19.433	ug/l	91
71) Bromoform	12.582	173	37795	19.342	ug/l #	96
73) Isopropylbenzene	12.694	105	215433	18.985	ug/l	97
74) N-amyl acetate	12.494	43	56532	15.975	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	58406	17.197	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	79146	22.120	ug/l	78
77) Bromobenzene	12.982	156	53723	18.778	ug/l	94
78) n-propylbenzene	13.035	91	239178	18.849	ug/l	100
79) 2-Chlorotoluene	13.129	91	153318	18.603	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	193440	19.583	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.735	75	17860	16.865	ug/l #	69
82) 4-Chlorotoluene	13.223	91	158580	18.782	ug/l	96
83) tert-Butylbenzene	13.441	119	153591	19.389	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	191741	19.713	ug/l	97
85) sec-Butylbenzene	13.617	105	194411	19.400	ug/l	100
86) p-Isopropyltoluene	13.729	119	176702	19.739	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	94465	18.326	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	91850	17.731	ug/l	97
89) n-Butylbenzene	14.059	91	132485	17.682	ug/l	99
90) Hexachloroethane	14.335	117	33267	19.062	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	91561	18.562	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13497	17.109	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	45731	15.941	ug/l	96
94) Hexachlorobutadiene	15.500	225	28157	17.055	ug/l	99
95) Naphthalene	15.641	128	119044	14.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	43294	16.100	ug/l	95

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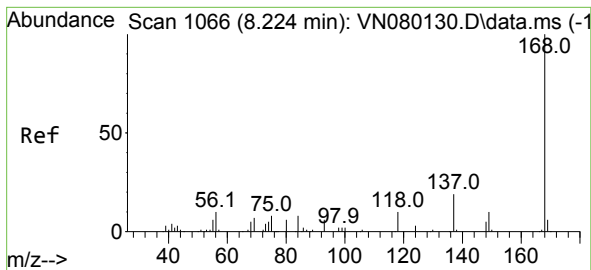
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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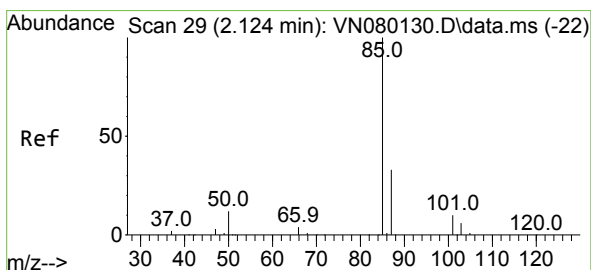
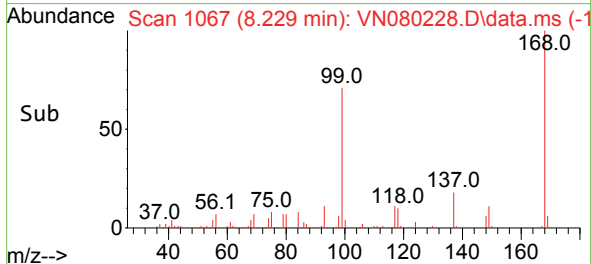
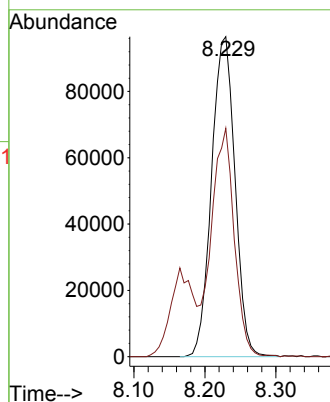
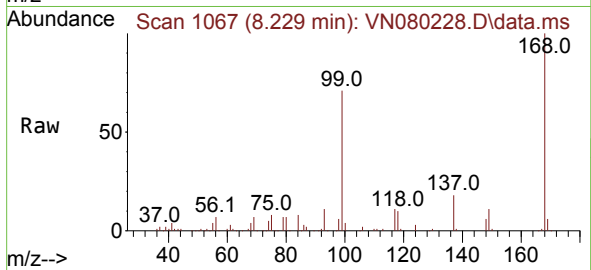




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

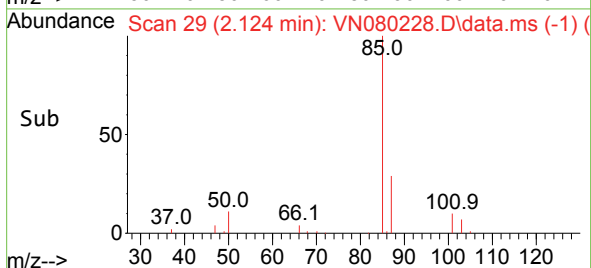
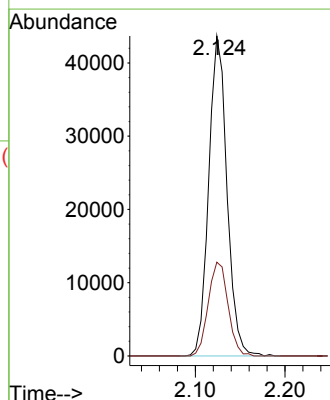
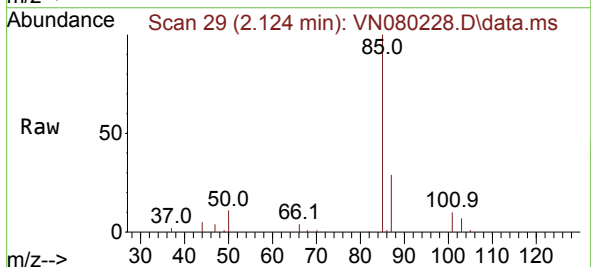
Instrument :
MSVOA_N
ClientSampleId :

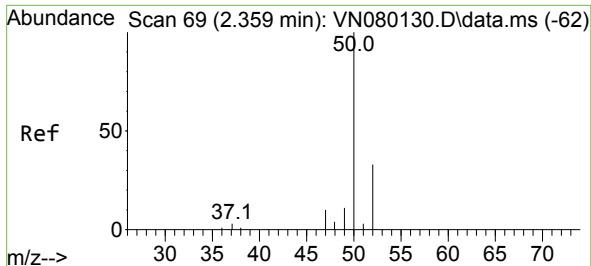
Tgt Ion:168 Resp: 220814
Ion Ratio Lower Upper
168 100
99 71.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 18.756 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 85 Resp: 61692
Ion Ratio Lower Upper
85 100
87 29.3 15.8 47.4

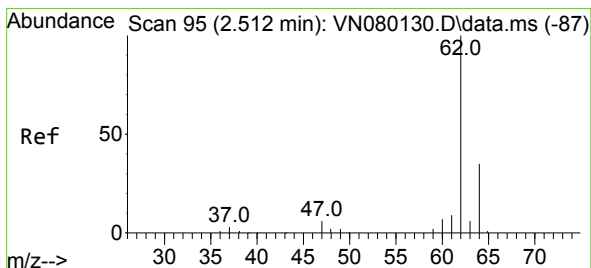
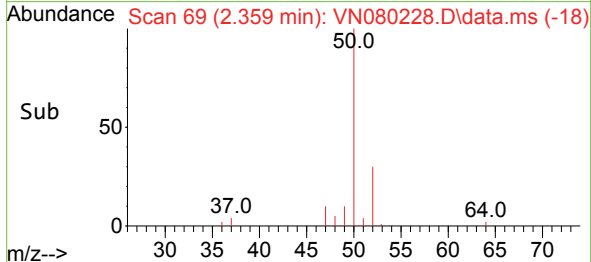
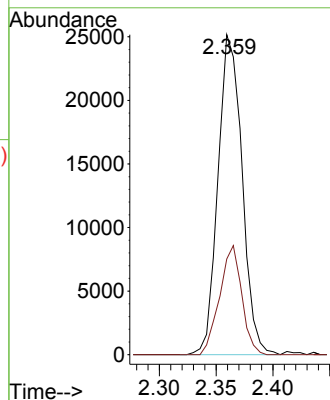
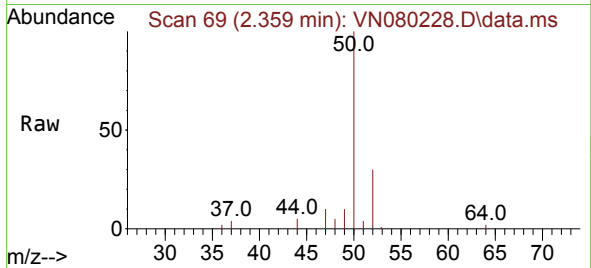




#3
Chloromethane
Concen: 14.998 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

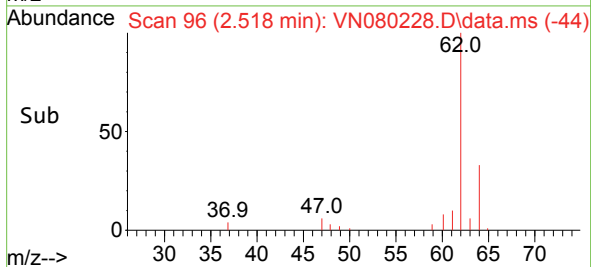
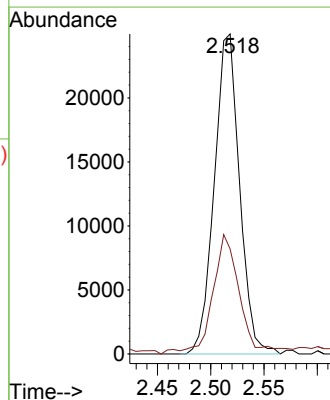
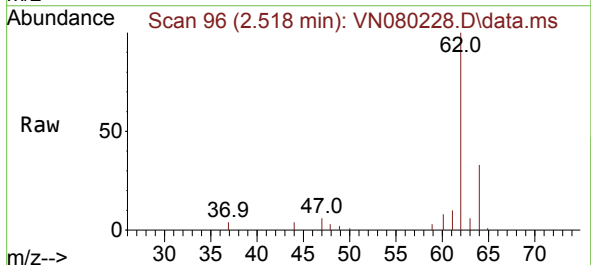
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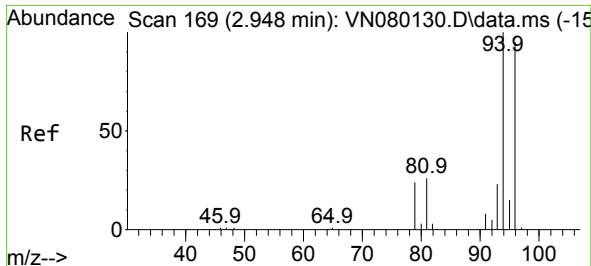
Tgt Ion: 50 Resp: 37089
Ion Ratio Lower Upper
50 100
52 29.9 26.5 39.7



#4
Vinyl Chloride
Concen: 15.719 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 62 Resp: 41137
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2

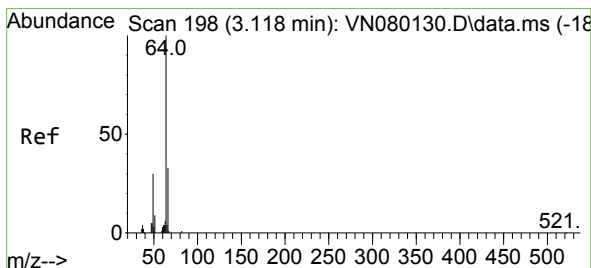
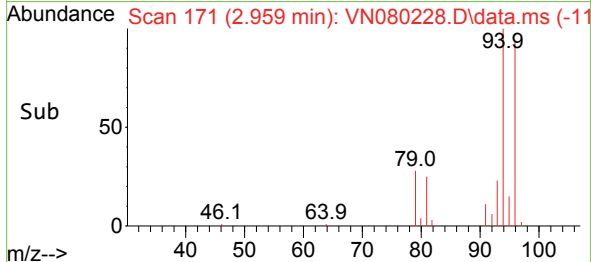
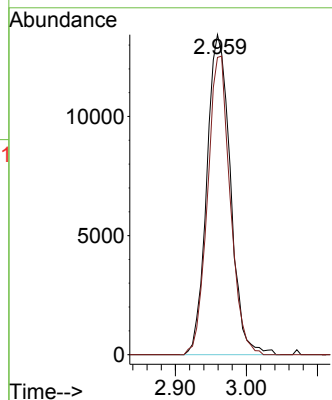
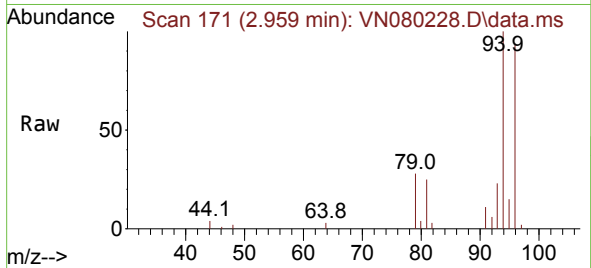




#5
Bromomethane
Concen: 17.430 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

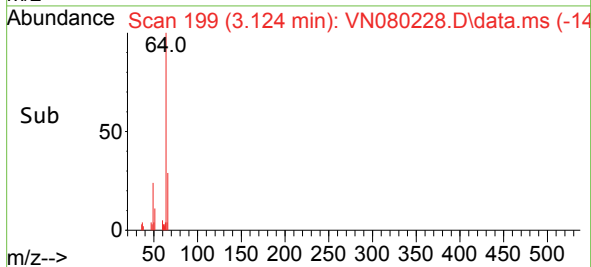
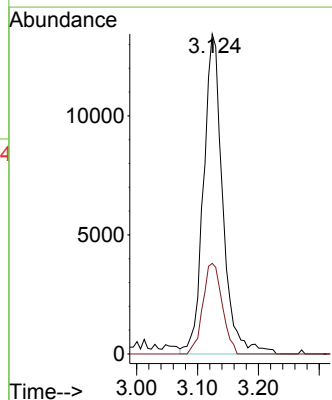
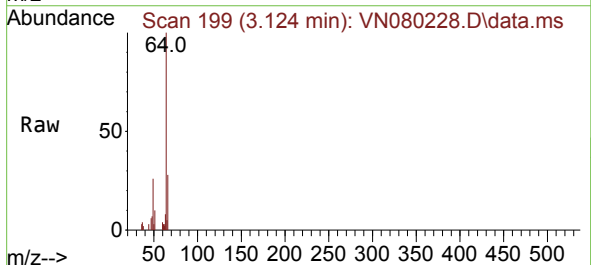
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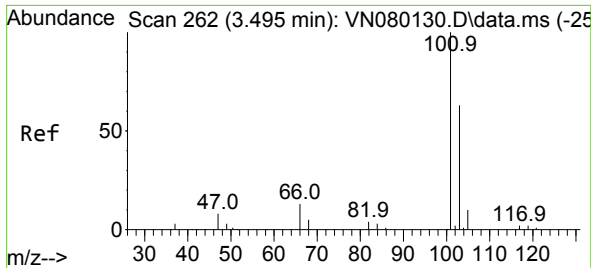
Tgt Ion: 94 Resp: 30966
Ion Ratio Lower Upper
94 100
96 92.9 73.1 109.7



#6
Chloroethane
Concen: 17.119 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 64 Resp: 29514
Ion Ratio Lower Upper
64 100
66 28.3 25.4 38.2

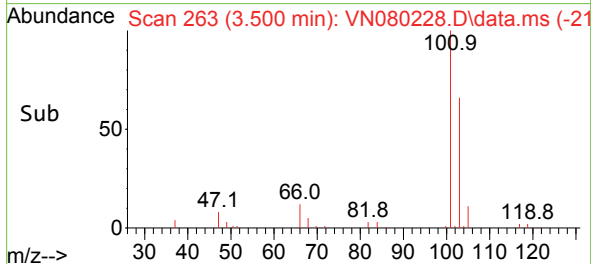
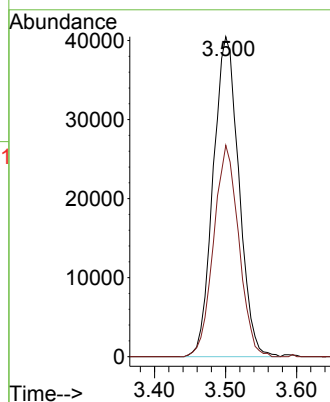
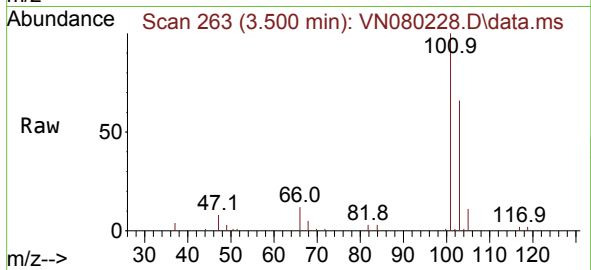




#7
 Trichlorofluoromethane
 Concen: 18.584 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN080228.D
 Acq: 21 Nov 2023 13:31

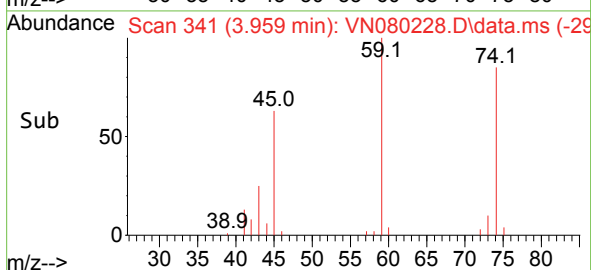
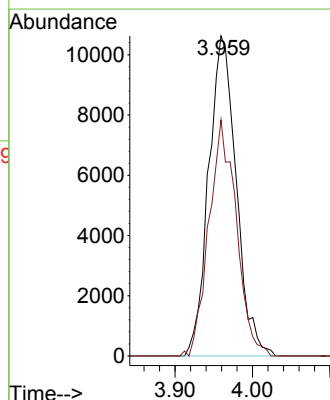
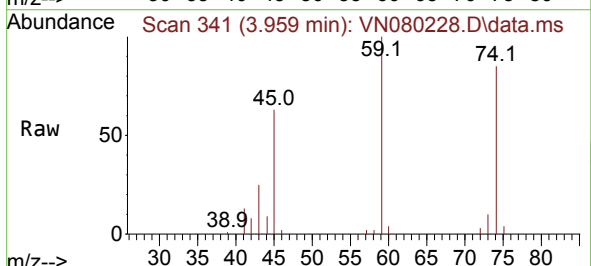
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 101456
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 16.536 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN080228.D
 Acq: 21 Nov 2023 13:31

Tgt Ion: 74 Resp: 26254
 Ion Ratio Lower Upper
 74 100
 45 73.1 34.4 103.3

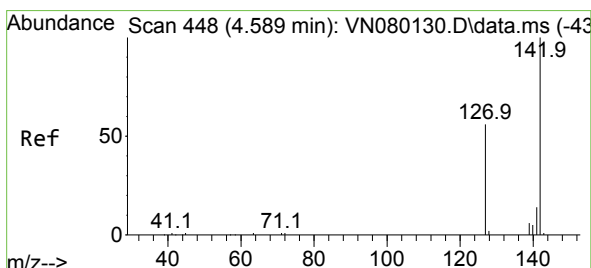
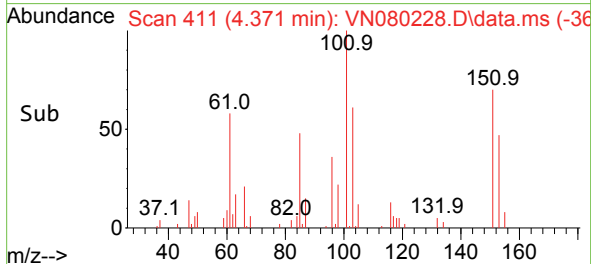
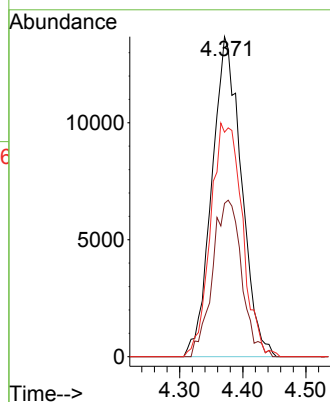
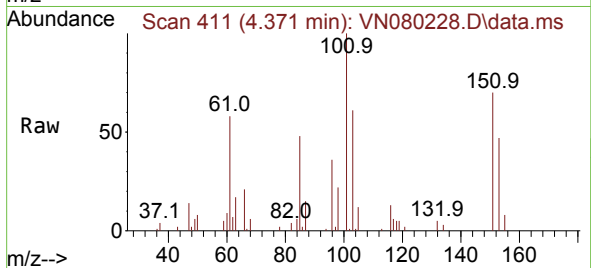




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.809 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080228.D
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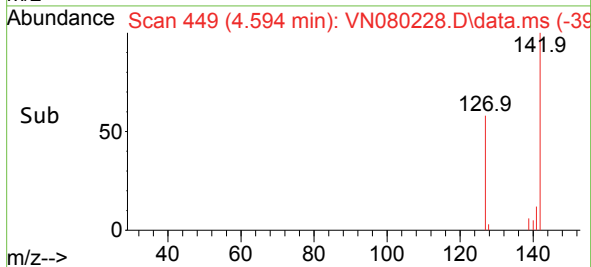
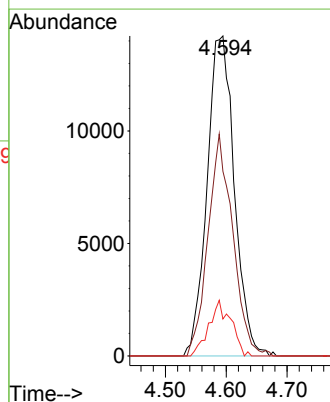
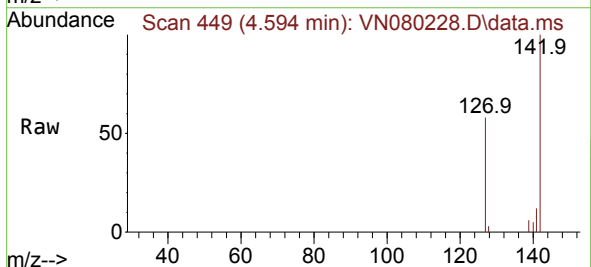
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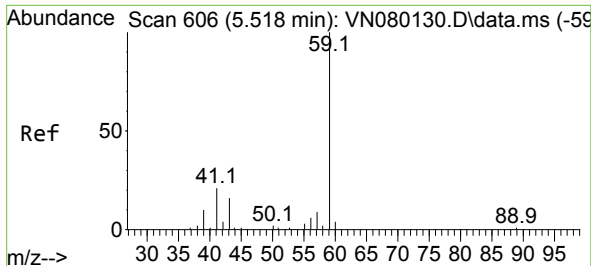
Tgt Ion:101 Resp: 44438
Ion Ratio Lower Upper
101 100
85 48.5 36.6 55.0
151 78.4 57.6 86.4



#10
Methyl Iodide
Concen: 16.456 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion:142 Resp: 44375
Ion Ratio Lower Upper
142 100
127 57.7 37.6 56.4#
141 11.5 11.4 17.0

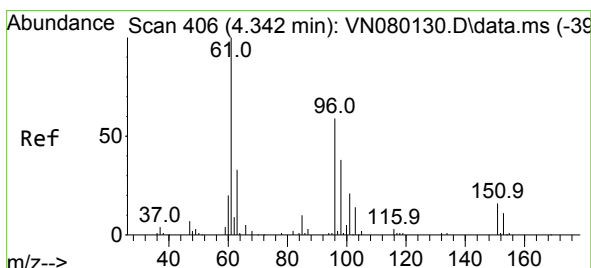
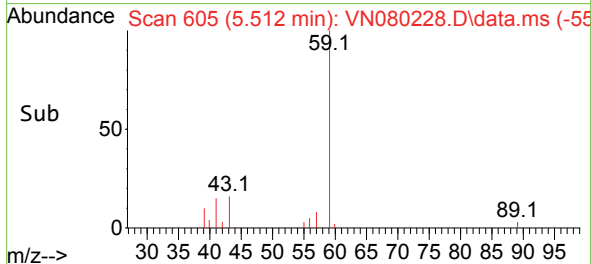
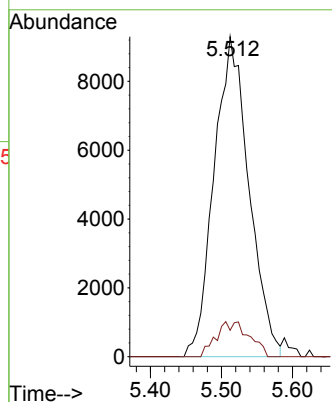
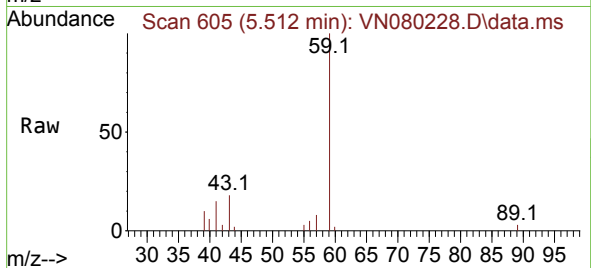




#11
Tert butyl alcohol
Concen: 79.208 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

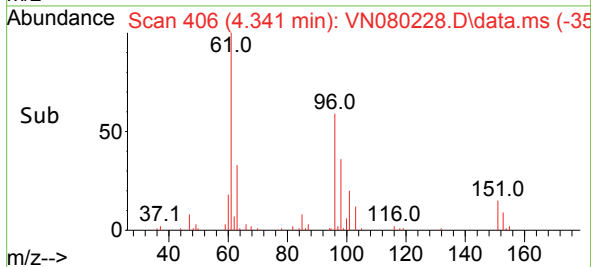
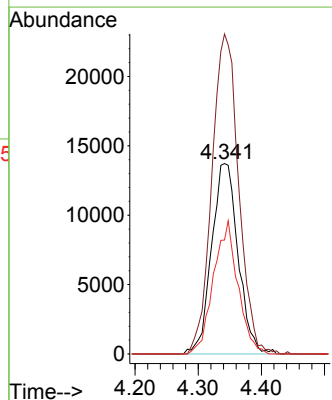
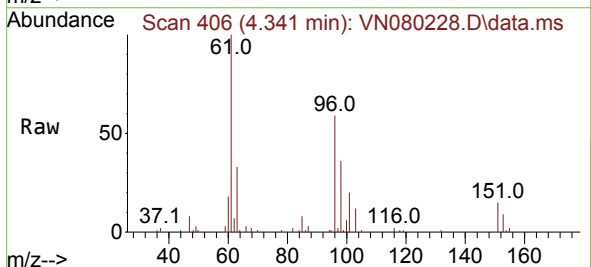
Instrument :
MSVOA_N
ClientSampleId :

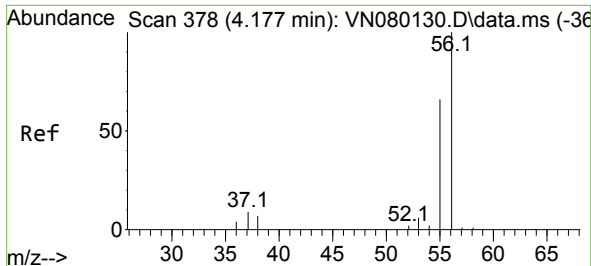
Tgt Ion: 59 Resp: 31758
Ion Ratio Lower Upper
59 100
57 4.8 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 17.139 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 96 Resp: 40001
Ion Ratio Lower Upper
96 100
61 168.1 112.7 169.1
98 59.8 51.2 76.8





#13

Acrolein

Concen: 78.161 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

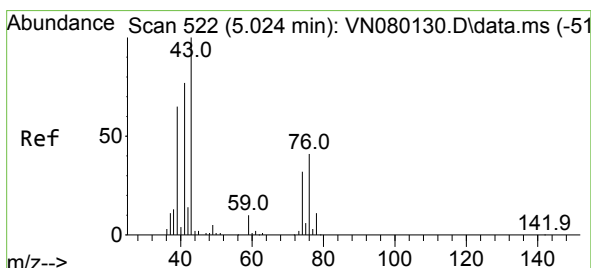
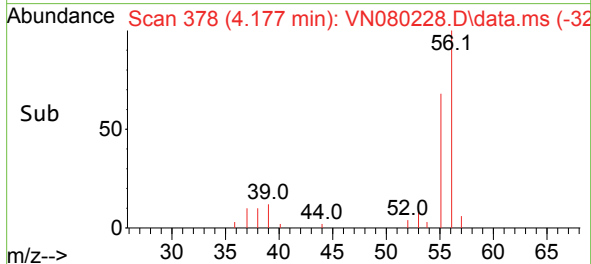
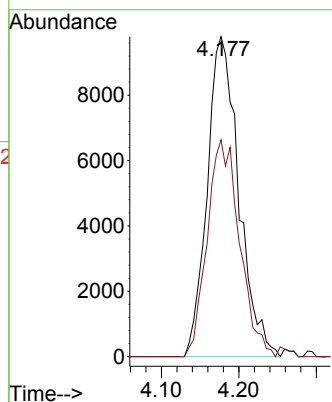
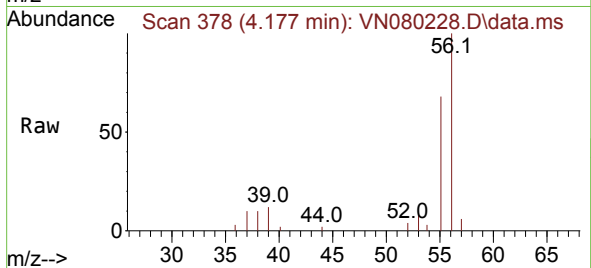
ClientSampleId :

Tgt Ion: 56 Resp: 27734

Ion Ratio Lower Upper

56 100

55 69.4 54.5 81.7



#14

Allyl chloride

Concen: 15.468 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

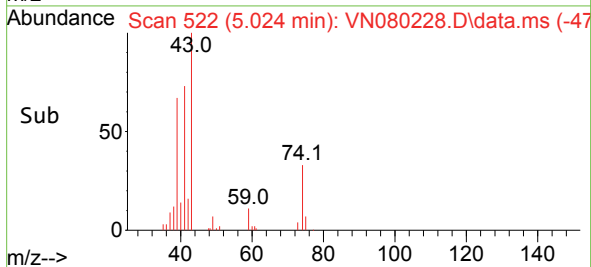
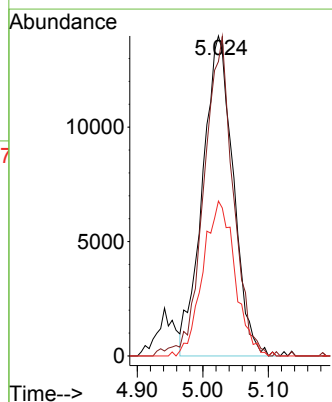
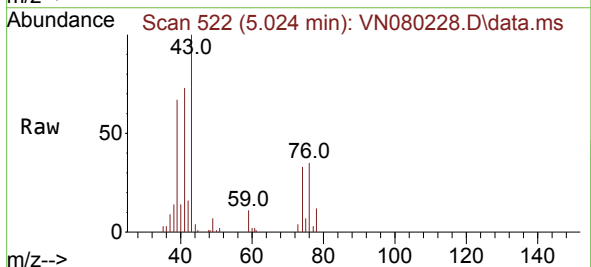
Tgt Ion: 41 Resp: 45419

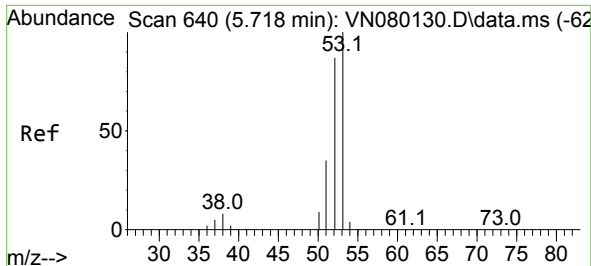
Ion Ratio Lower Upper

41 100

39 95.0 58.8 88.2#

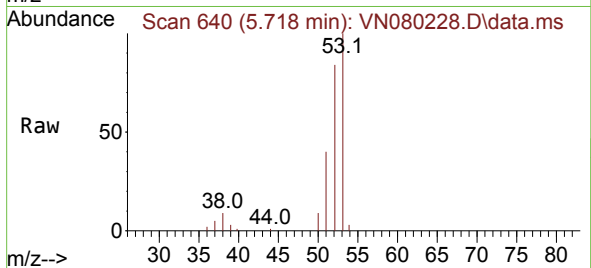
76 50.7 39.1 58.7



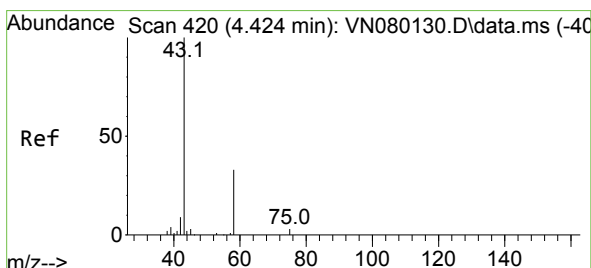
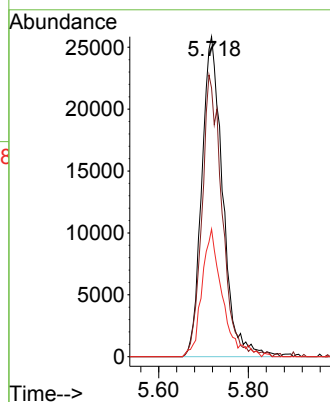
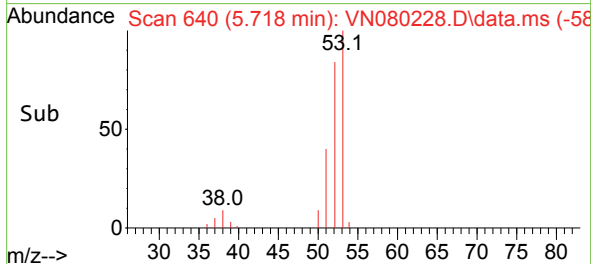


#15
Acrylonitrile
Concen: 77.899 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :

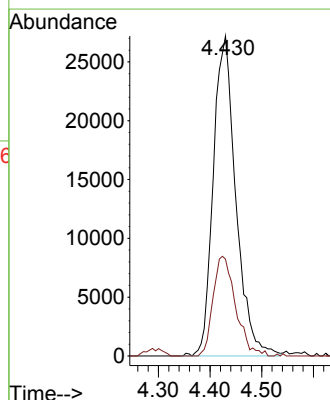
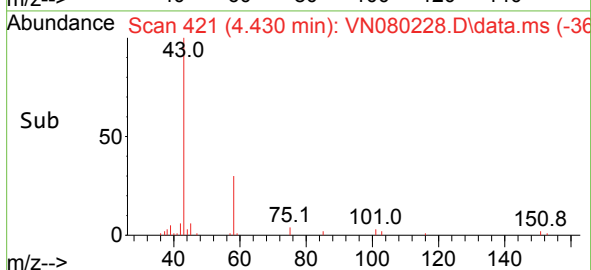
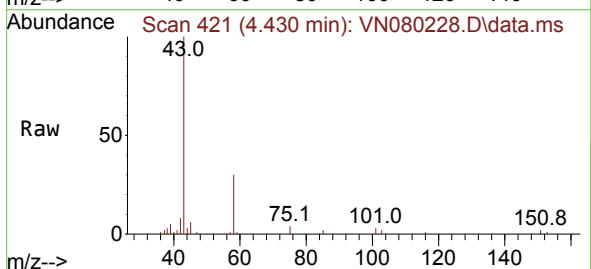


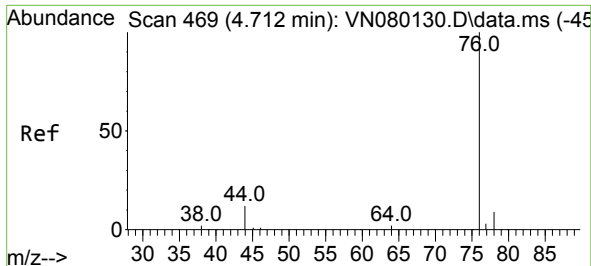
Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.6	65.3	97.9
51	38.8	28.9	43.3



#16
Acetone
Concen: 67.440 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.2	28.0	42.0

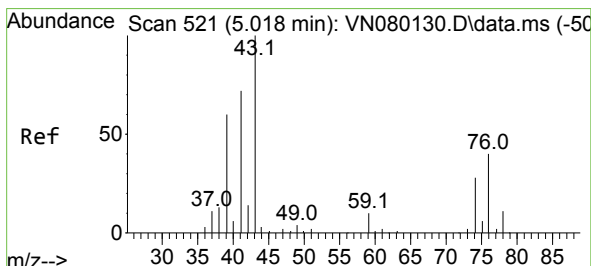
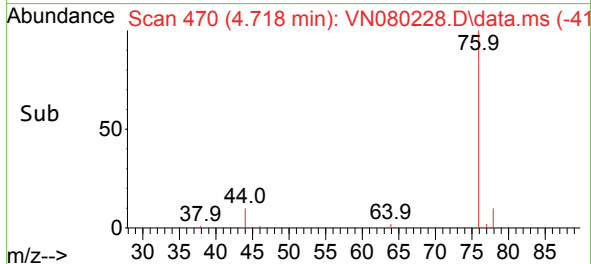
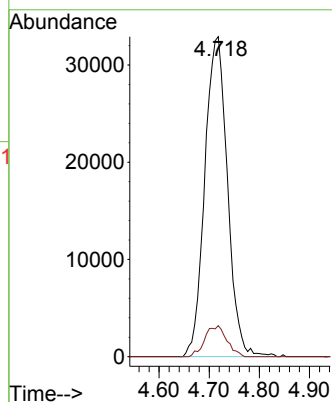
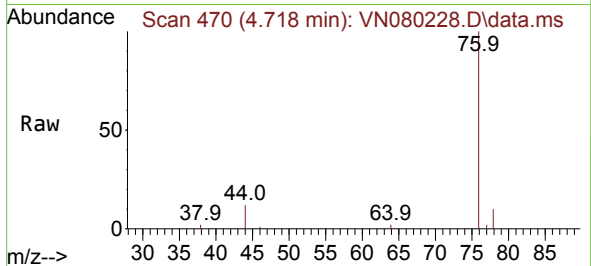




#17
Carbon Disulfide
Concen: 14.837 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

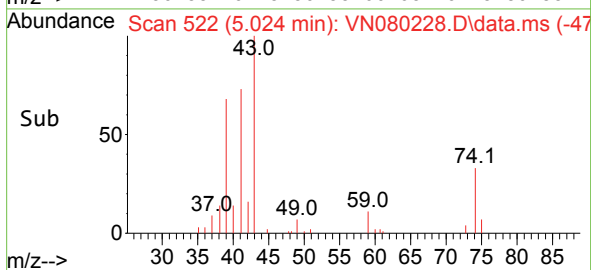
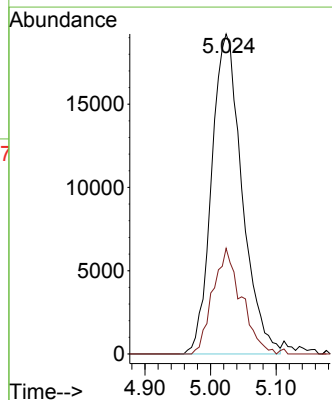
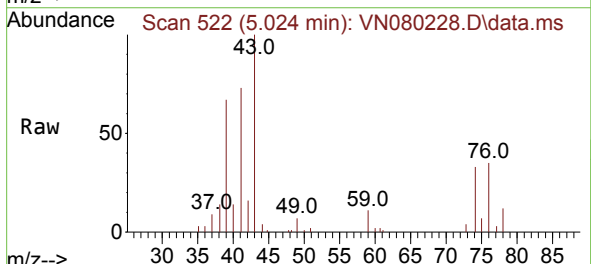
Instrument :
MSVOA_N
ClientSampleId :

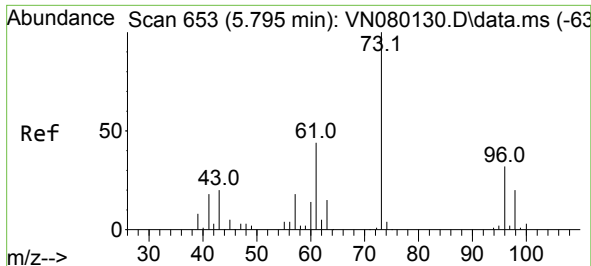
Tgt Ion: 76 Resp: 103395
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 15.738 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 43 Resp: 61924
Ion Ratio Lower Upper
43 100
74 31.0 26.2 39.4

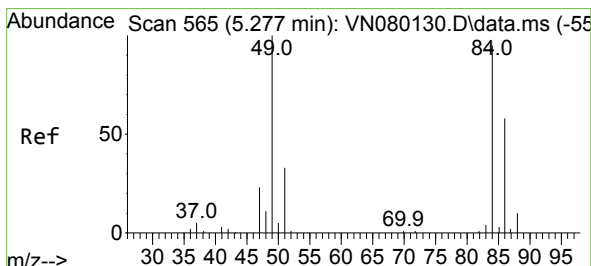
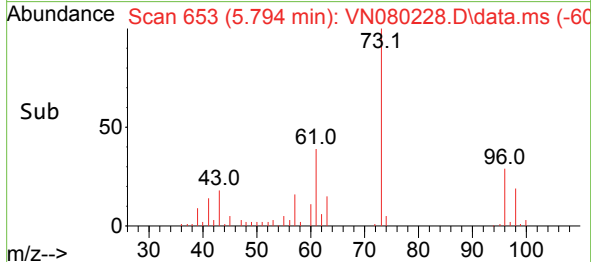
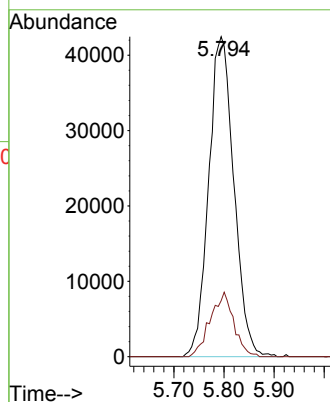
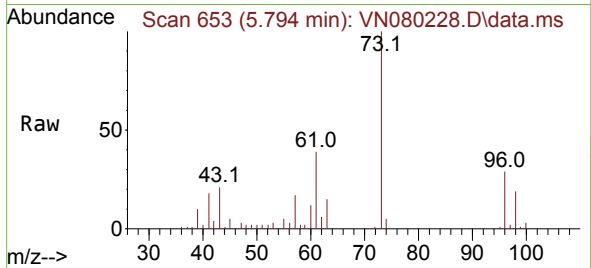




#19
Methyl tert-butyl Ether
Concen: 17.969 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

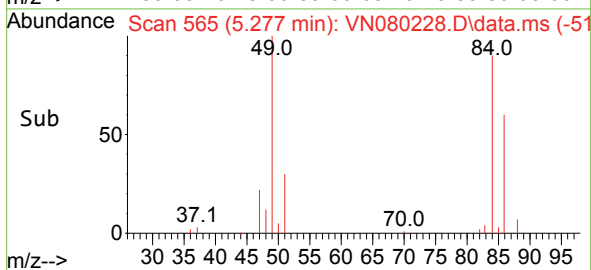
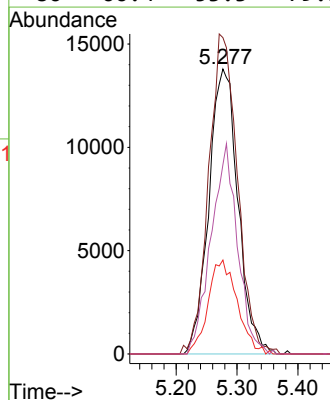
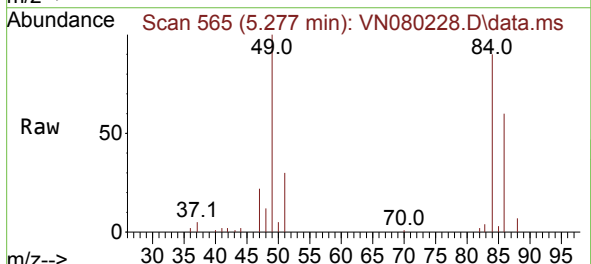
Instrument :
MSVOA_N
ClientSampleId :

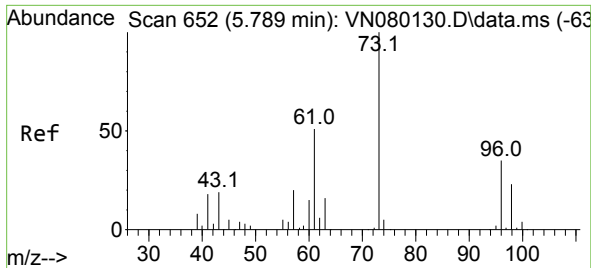
Tgt Ion: 73 Resp: 148099
Ion Ratio Lower Upper
73 100
57 17.5 15.6 23.4



#20
Methylene Chloride
Concen: 17.897 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

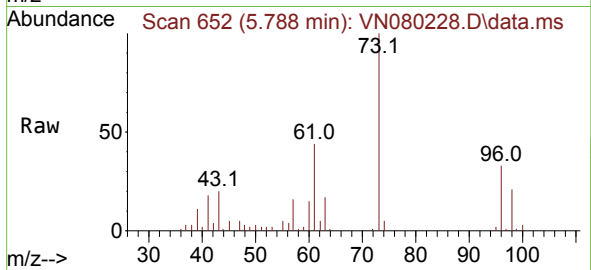
Tgt Ion: 84 Resp: 45897
Ion Ratio Lower Upper
84 100
49 111.0 79.7 119.5
51 32.9 25.2 37.8
86 66.4 53.3 79.9



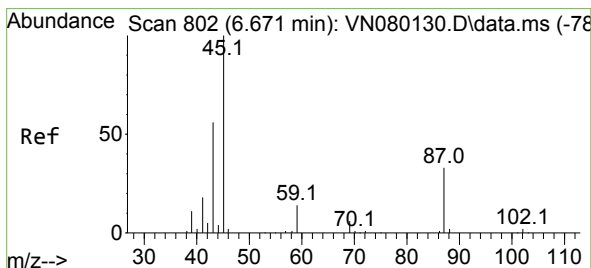
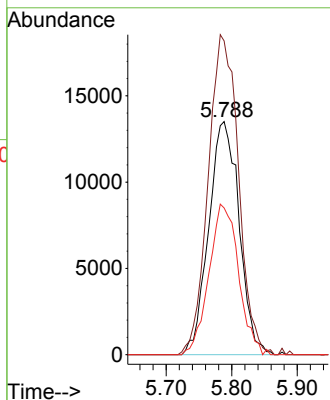
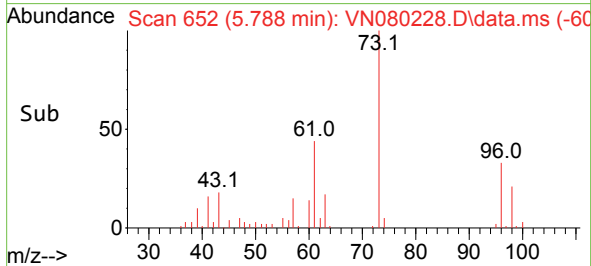


#21
trans-1,2-Dichloroethene
Concen: 16.960 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

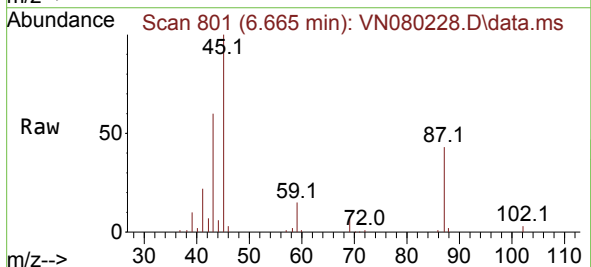
Instrument :
MSVOA_N
ClientSampleId :



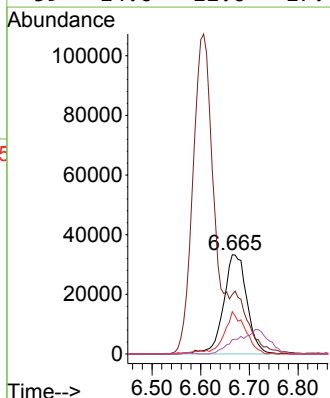
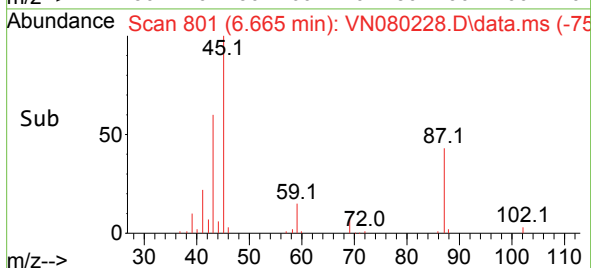
Tgt Ion: 96 Resp: 43484
Ion Ratio Lower Upper
96 100
61 134.6 90.1 135.1
98 62.9 46.4 69.6

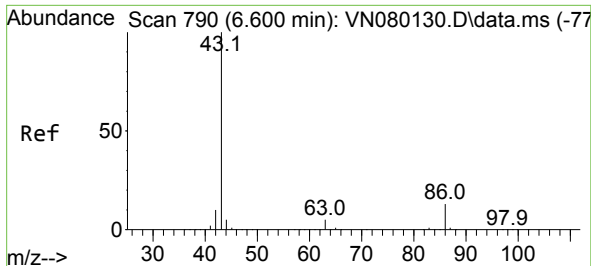


#22
Diisopropyl ether
Concen: 16.990 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31



Tgt Ion: 45 Resp: 110378
Ion Ratio Lower Upper
45 100
43 56.6 45.5 68.3
87 42.6 31.8 47.8
59 14.6 11.6 17.4

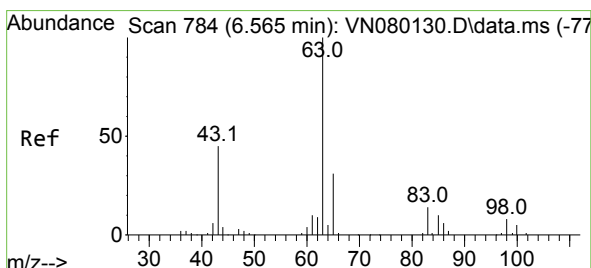
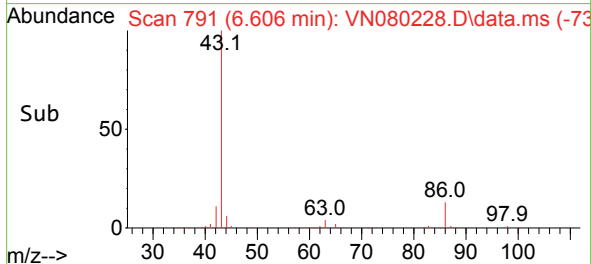
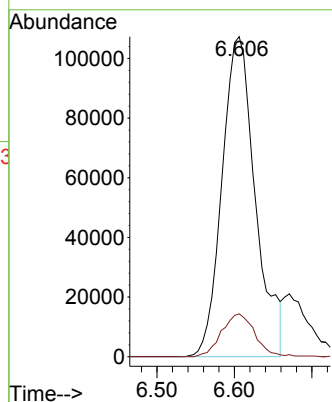
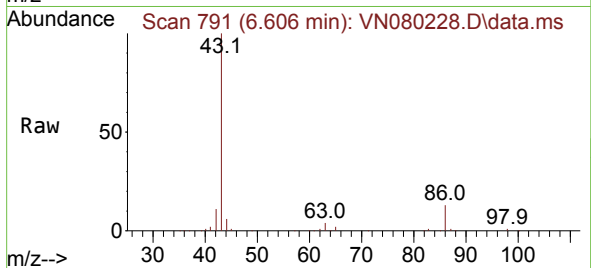




#23
 Vinyl Acetate
 Concen: 82.508 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080228.D
 Acq: 21 Nov 2023 13:31

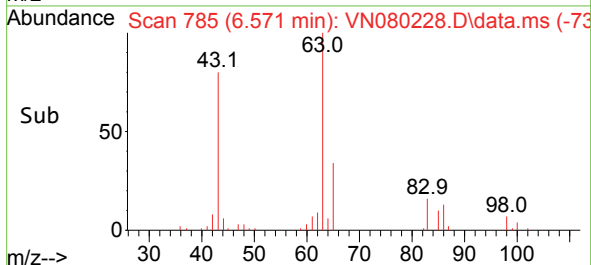
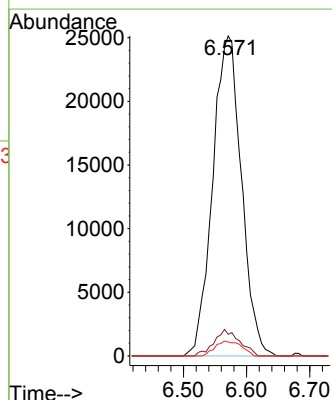
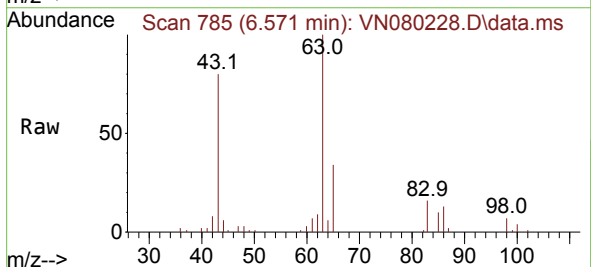
Instrument :
 MSVOA_N
 ClientSampleId :

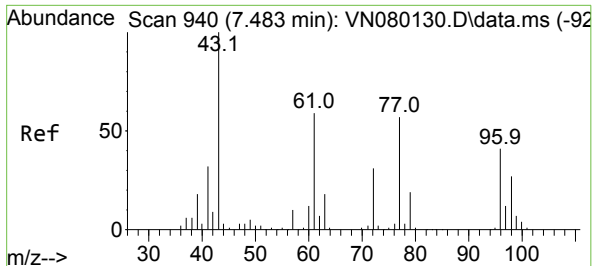
Tgt Ion: 43 Resp: 322242
 Ion Ratio Lower Upper
 43 100
 86 13.4 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 16.782 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080228.D
 Acq: 21 Nov 2023 13:31

Tgt Ion: 63 Resp: 79408
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.3 2.5 7.4

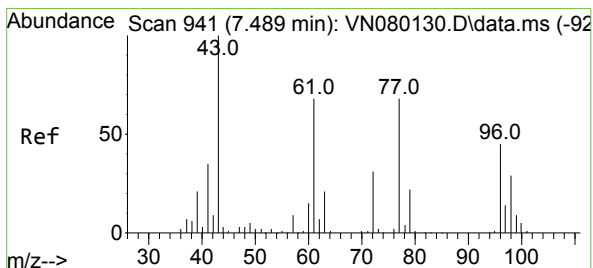
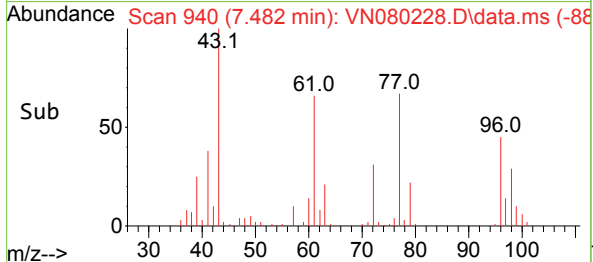
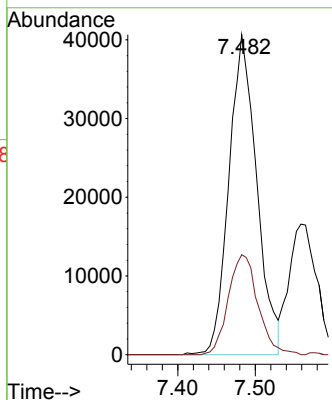
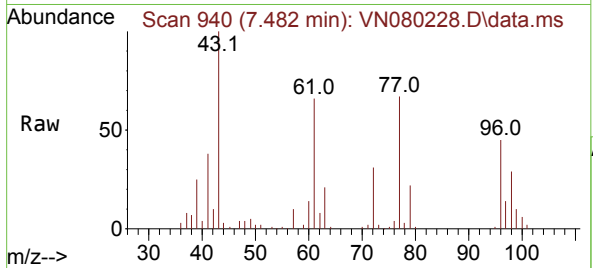




#25
2-Butanone
Concen: 69.791 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

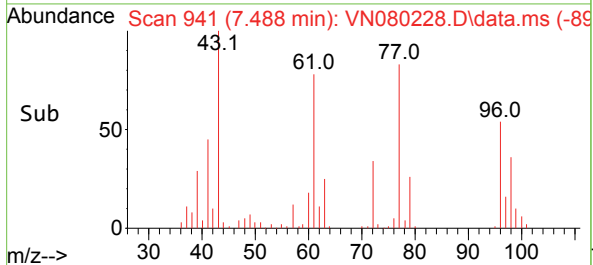
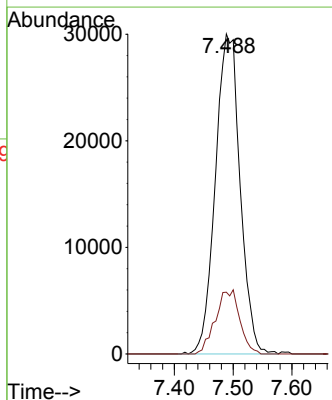
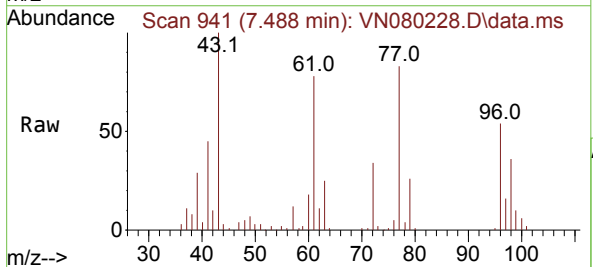
Instrument :
MSVOA_N
ClientSampleId :

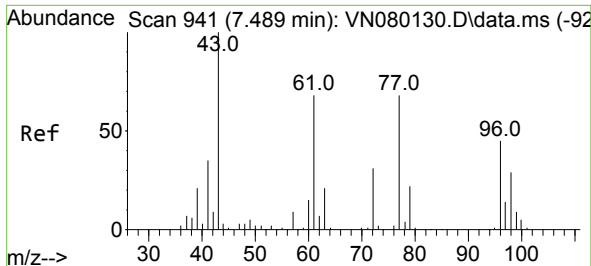
Tgt Ion: 43 Resp: 101544
Ion Ratio Lower Upper
43 100
72 31.2 30.2 45.2



#26
2,2-Dichloropropane
Concen: 18.656 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 77 Resp: 87577
Ion Ratio Lower Upper
77 100
97 19.6 11.2 33.6

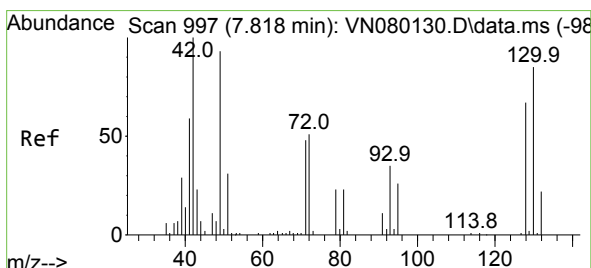
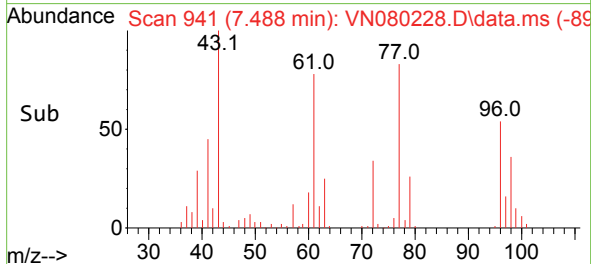
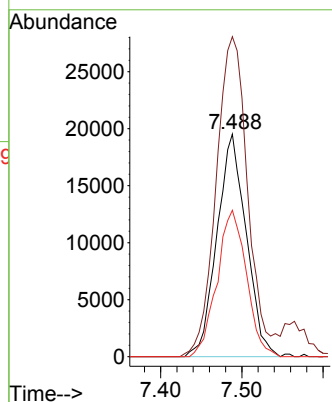
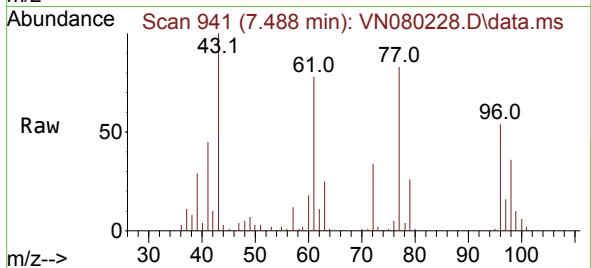




#27
 cis-1,2-Dichloroethene
 Concen: 16.819 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080228.D
 Acq: 21 Nov 2023 13:31

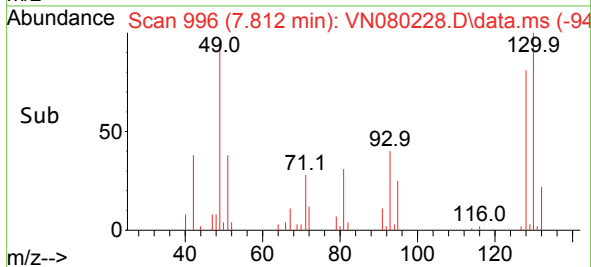
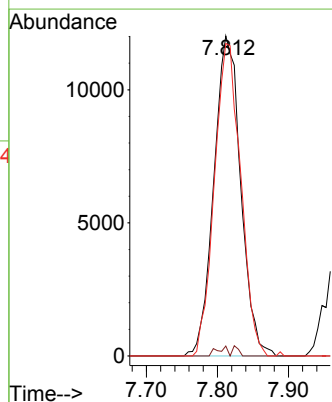
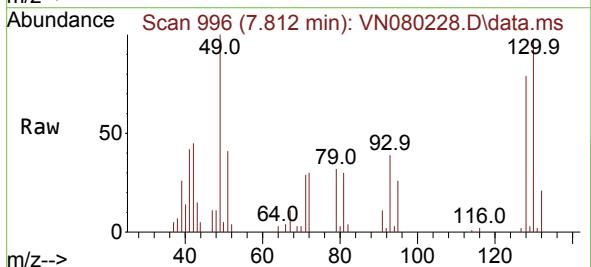
Instrument :
 MSVOA_N
 ClientSampleId :

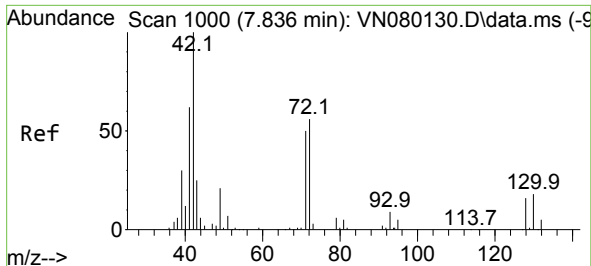
Tgt Ion: 96 Resp: 48891
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 255.2
 98 66.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 16.944 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080228.D
 Acq: 21 Nov 2023 13:31

Tgt Ion: 49 Resp: 31519
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.8
 130 95.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 78.808 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080228.D

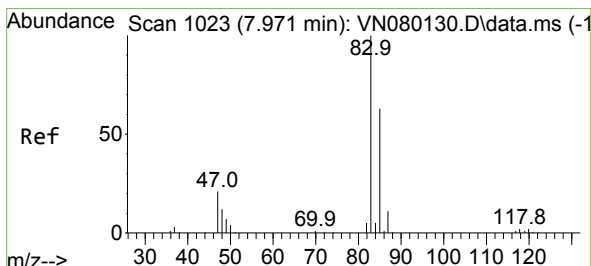
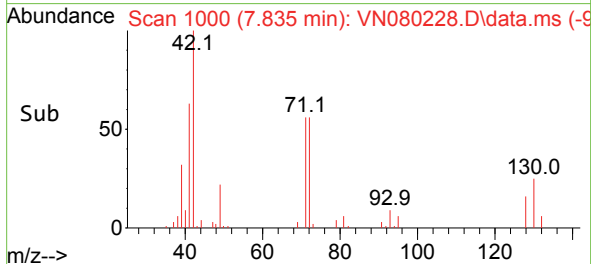
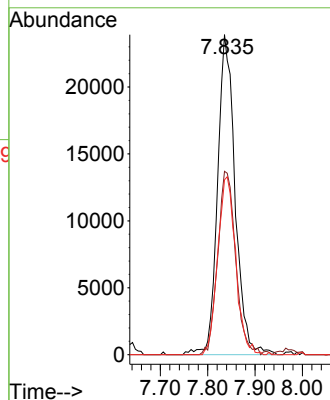
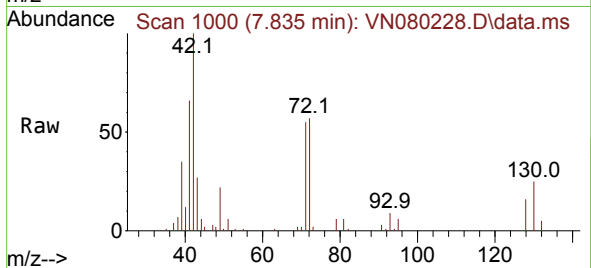
Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	42	Resp:	61560
Ion	Ratio	Lower	Upper
42	100		
72	58.3	49.8	74.6
71	56.8	47.4	71.2



#30

Chloroform

Concen: 18.224 ug/l

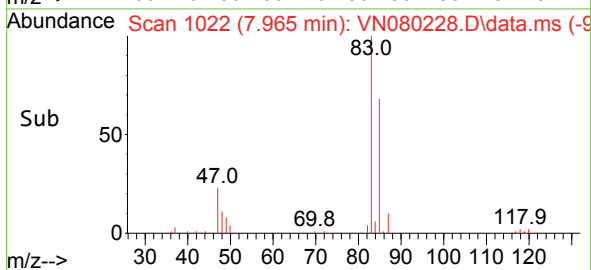
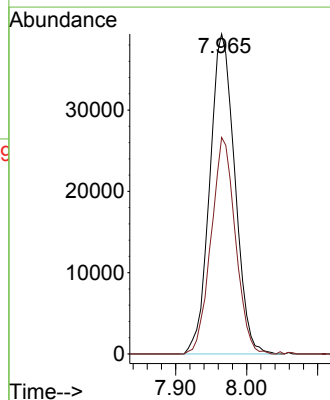
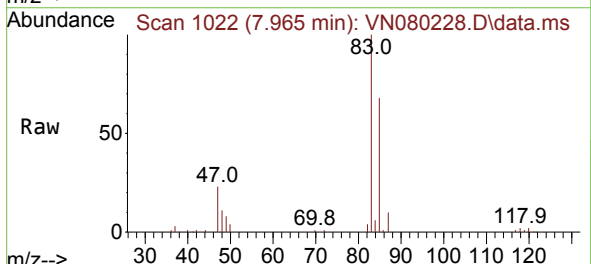
RT: 7.965 min Scan# 1022

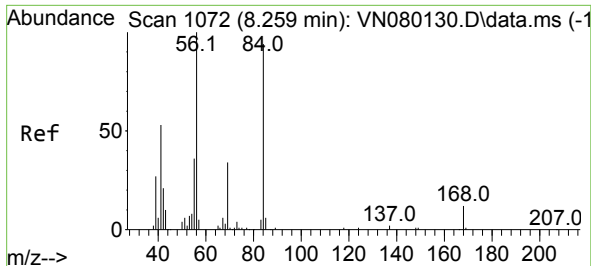
Delta R.T. -0.006 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

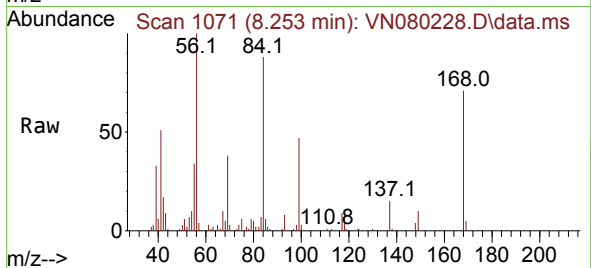
Tgt Ion:	83	Resp:	96378
Ion	Ratio	Lower	Upper
83	100		
85	67.6	55.4	83.0



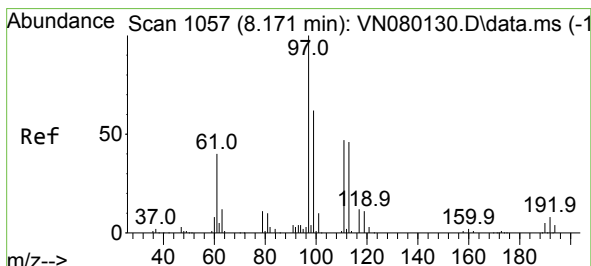
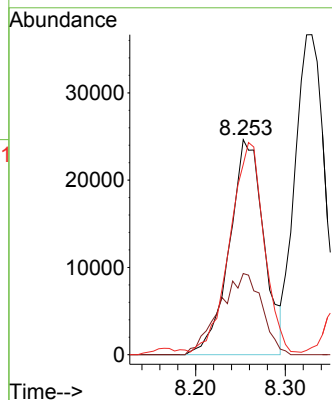
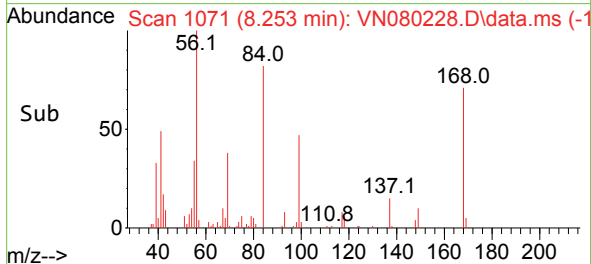


#31
Cyclohexane
Concen: 16.520 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :

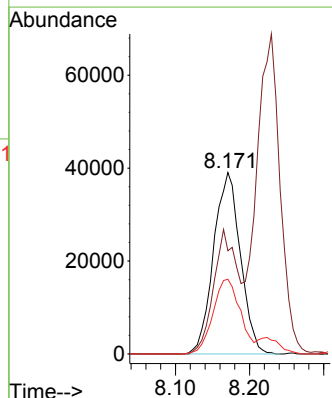
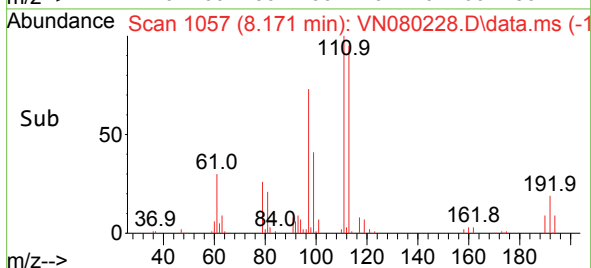
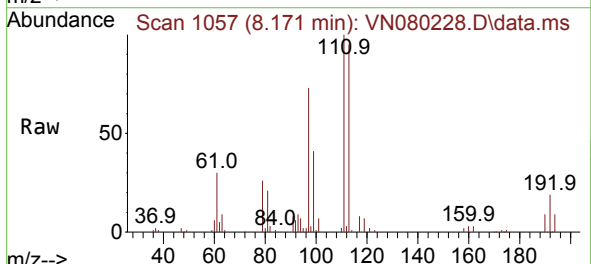


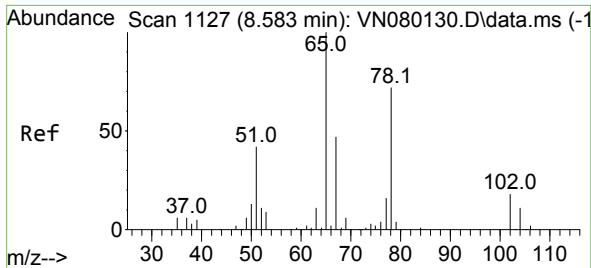
Tgt Ion: 56 Resp: 65503
Ion Ratio Lower Upper
56 100
69 37.7 26.8 40.2
84 86.2 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.029 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 97 Resp: 98141
Ion Ratio Lower Upper
97 100
99 59.3 50.3 75.5
61 42.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.709 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

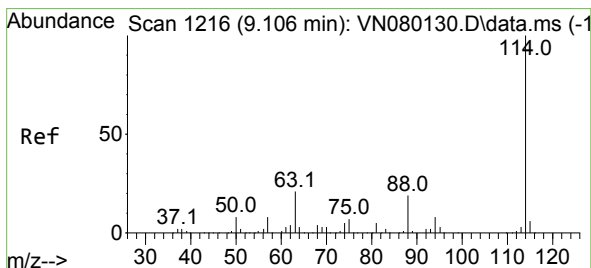
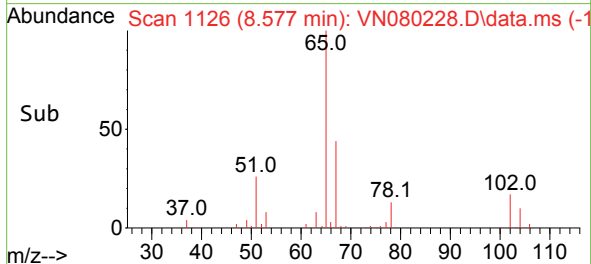
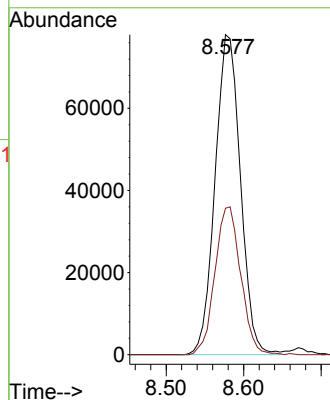
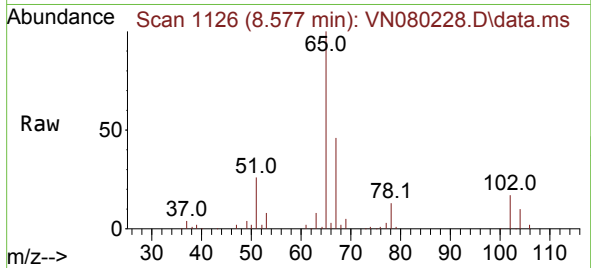
ClientSampleId :

Tgt Ion: 65 Resp: 177592

Ion Ratio Lower Upper

65 100

67 46.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

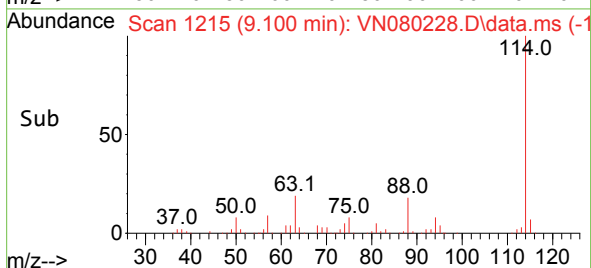
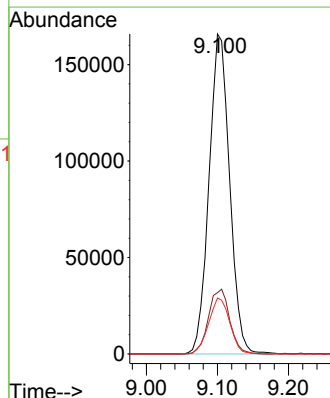
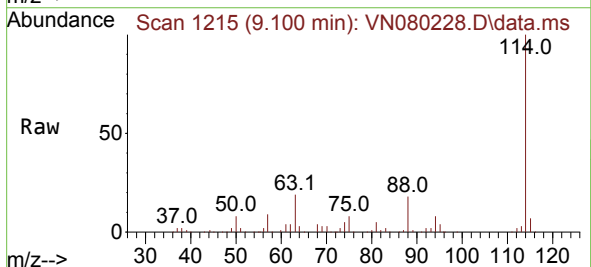
Tgt Ion: 114 Resp: 334120

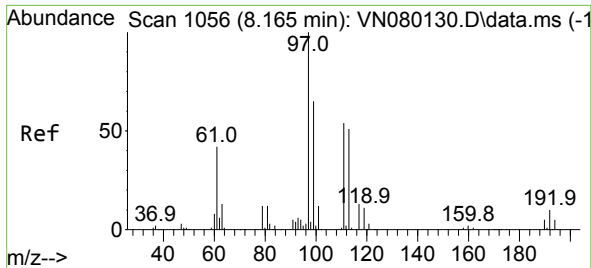
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 17.5 0.0 30.6

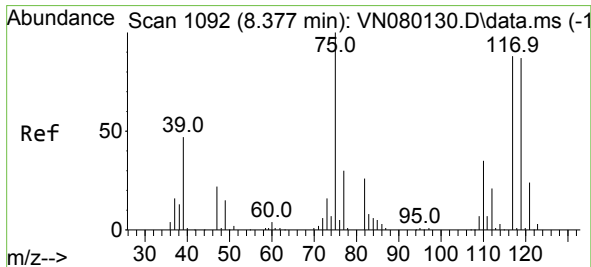
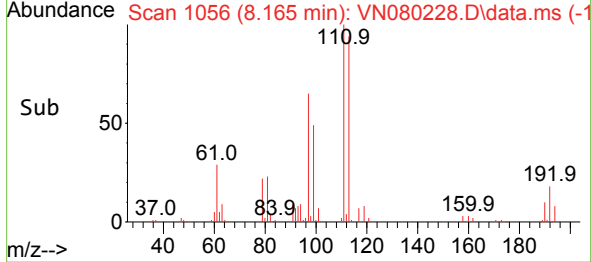
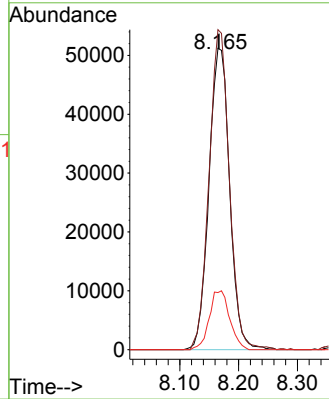
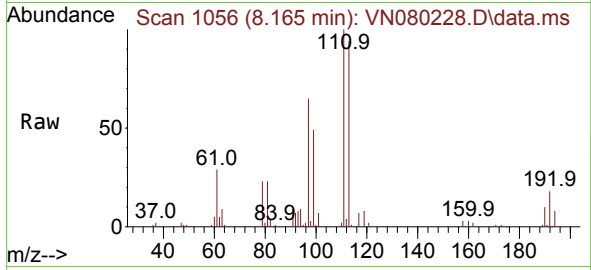




#35
Dibromofluoromethane
Concen: 50.972 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

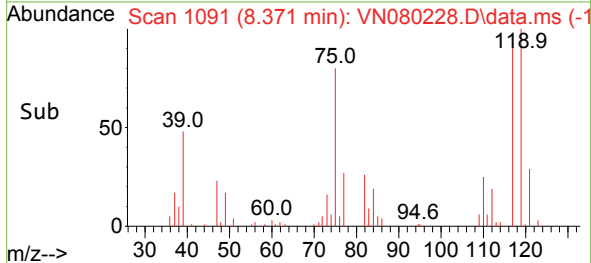
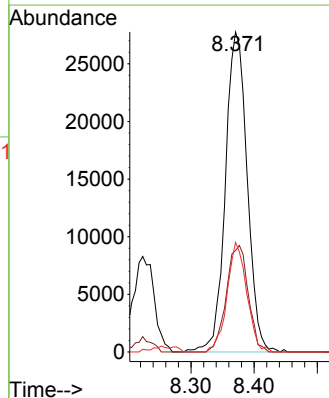
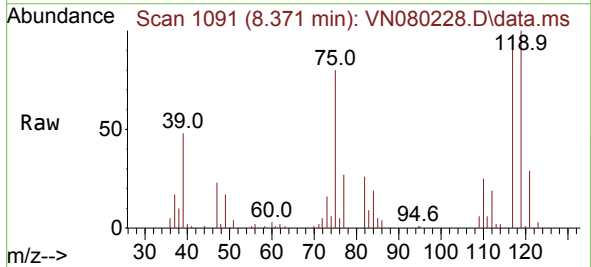
Instrument :
MSVOA_N
ClientSampleId :

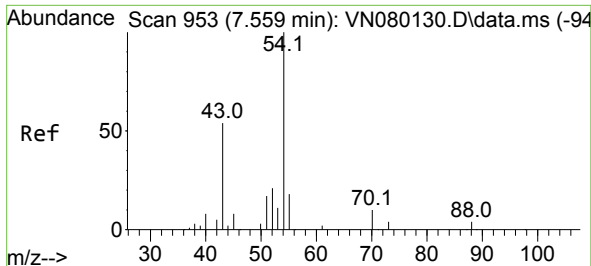
Tgt Ion:113 Resp: 125664
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 19.2 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 18.646 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 75 Resp: 66555
Ion Ratio Lower Upper
75 100
110 33.4 19.1 57.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 16.343 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080228.D

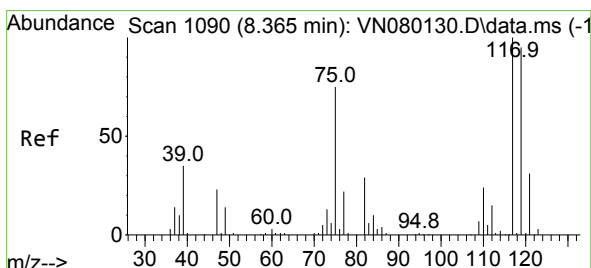
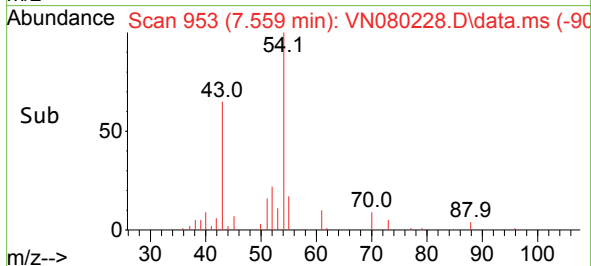
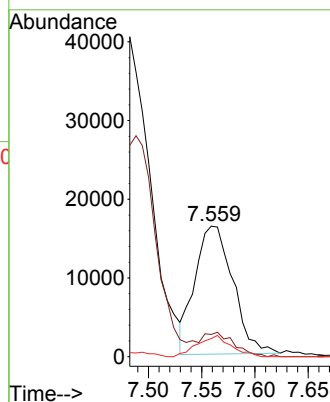
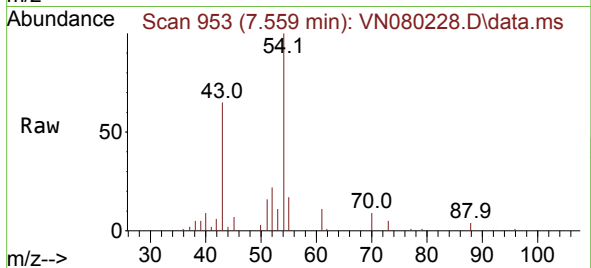
Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	40462
Ion	Ratio	Lower	Upper
43	100		
61	15.0	13.2	19.8
70	14.6	11.3	16.9



#38

Carbon Tetrachloride

Concen: 19.783 ug/l

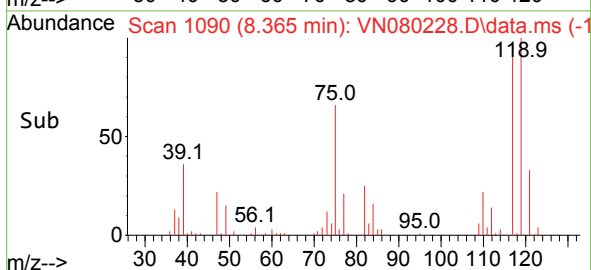
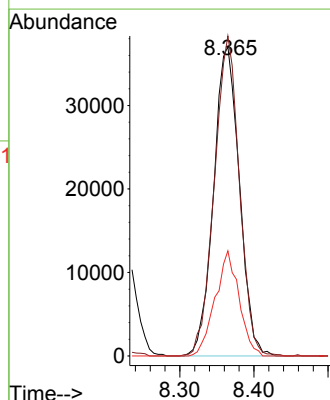
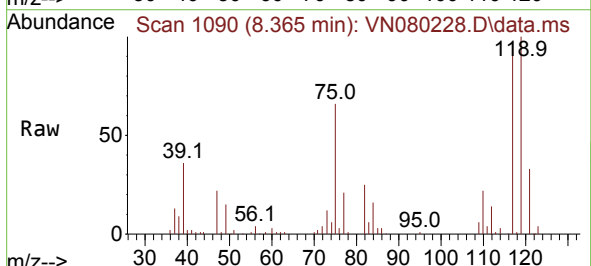
RT: 8.365 min Scan# 1090

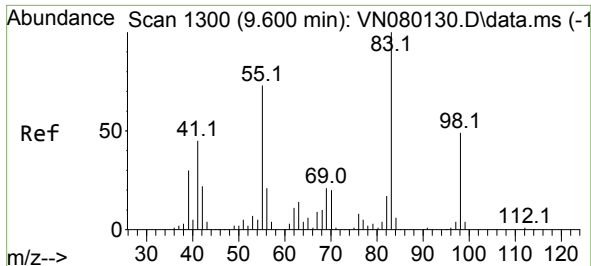
Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Tgt Ion:	117	Resp:	89607
Ion	Ratio	Lower	Upper
117	100		
119	103.4	77.3	115.9
121	34.0	23.3	34.9





#39

Methylcyclohexane

Concen: 18.225 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

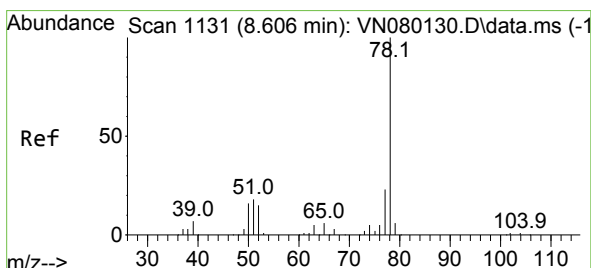
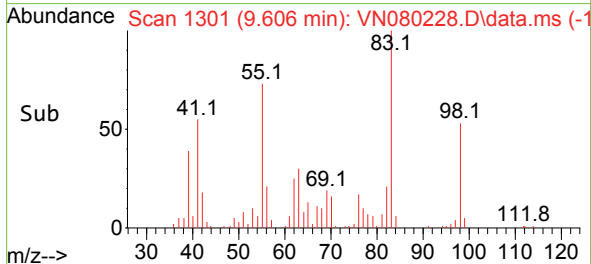
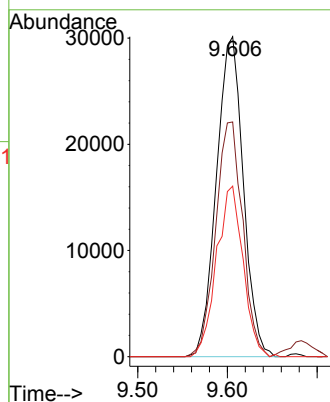
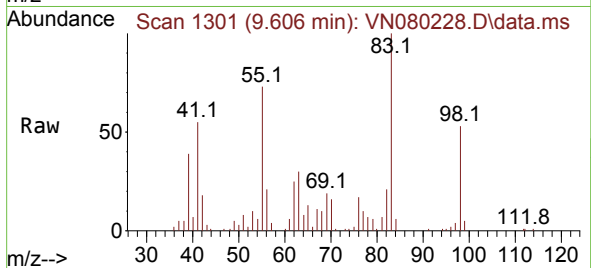
Tgt Ion: 83 Resp: 62723

Ion Ratio Lower Upper

83 100

55 73.3 49.1 73.7

98 53.3 40.6 61.0



#40

Benzene

Concen: 17.787 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080228.D

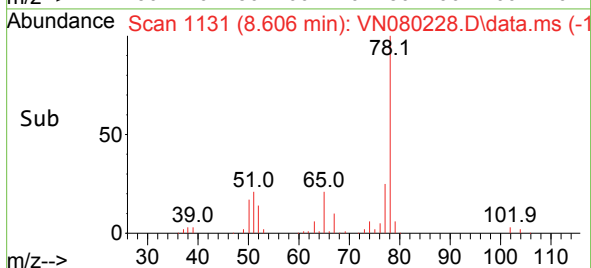
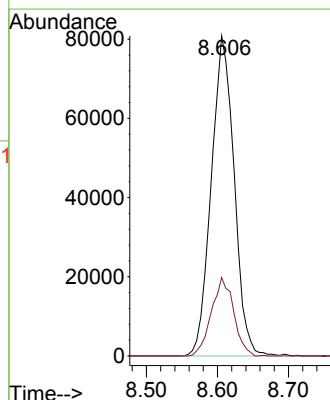
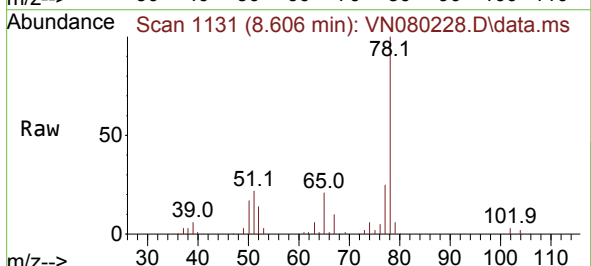
Acq: 21 Nov 2023 13:31

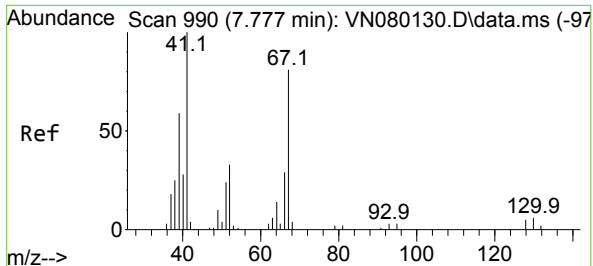
Tgt Ion: 78 Resp: 180444

Ion Ratio Lower Upper

78 100

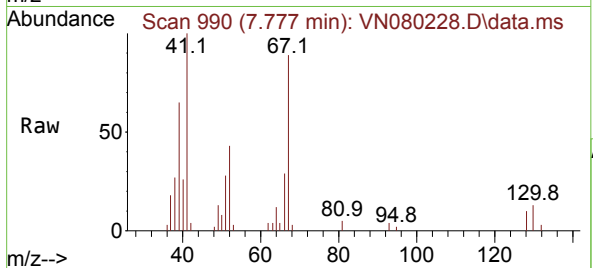
77 24.5 19.0 28.6



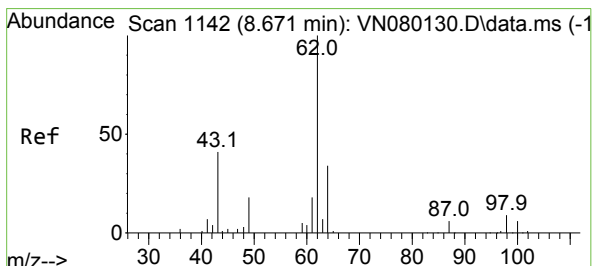
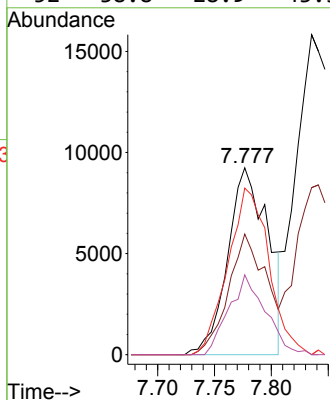
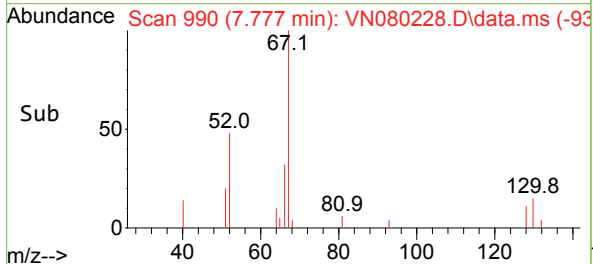


#41
Methacrylonitrile
Concen: 16.782 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :

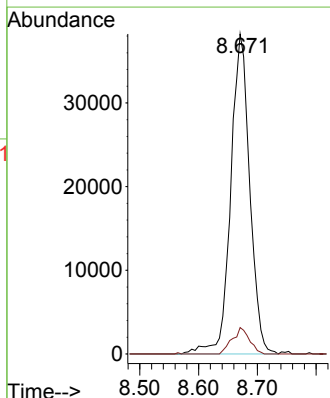
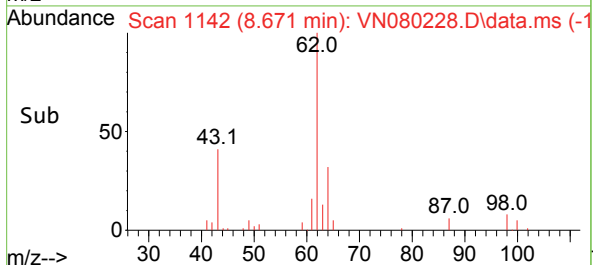
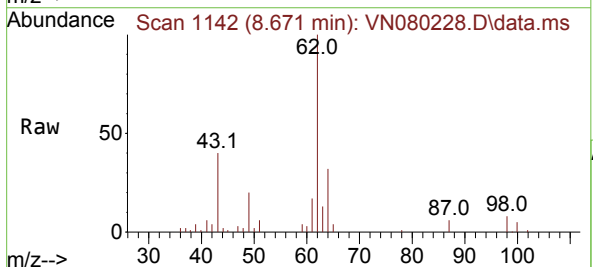


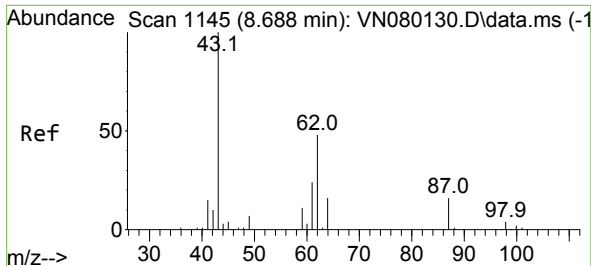
Tgt Ion:	41	Resp:	22818
Ion	Ratio	Lower	Upper
41	100		
39	60.7	42.6	64.0
67	90.8	77.5	116.3
52	38.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 20.730 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion:	62	Resp:	86038
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	19.8

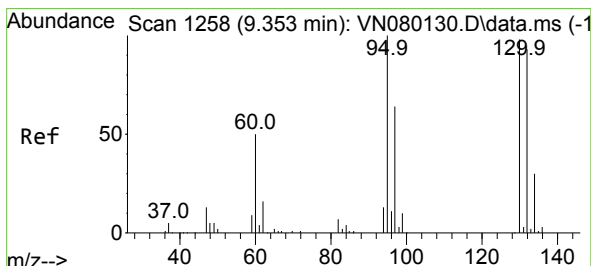
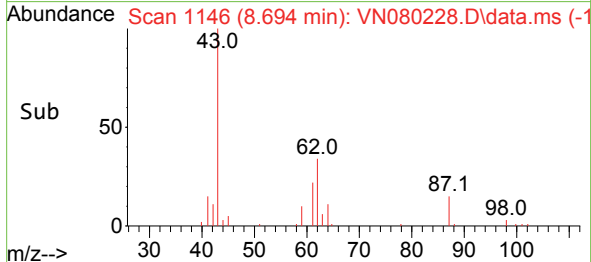
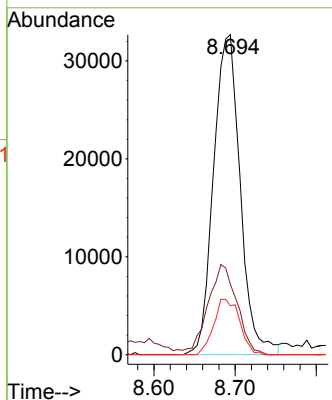
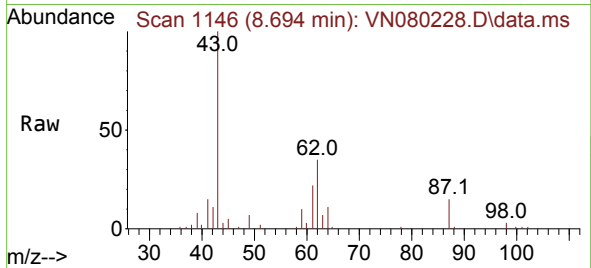




#43
Isopropyl Acetate
Concen: 15.508 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

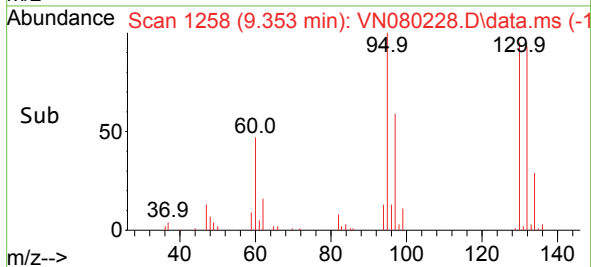
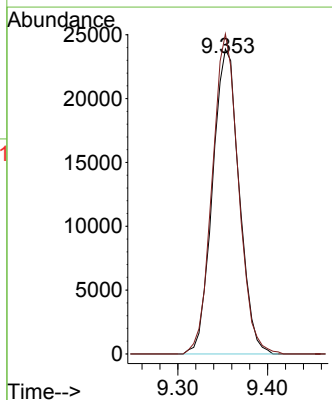
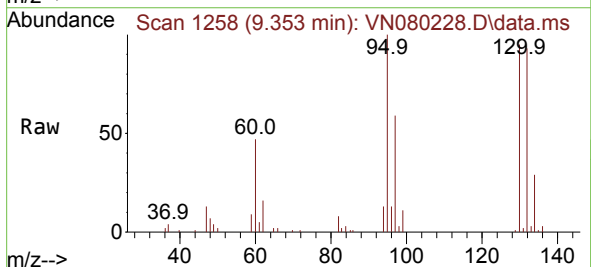
Instrument :
MSVOA_N
ClientSampleId :

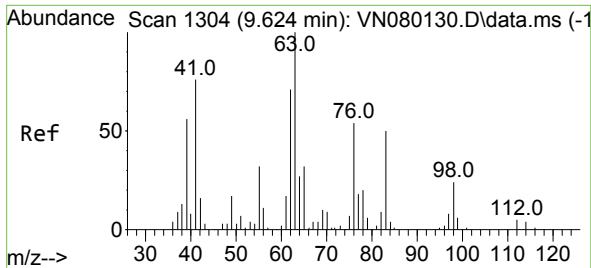
Tgt Ion: 43 Resp: 74718
Ion Ratio Lower Upper
43 100
61 30.6 24.7 37.1
87 16.8 14.6 21.8



#44
Trichloroethene
Concen: 18.491 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion:130 Resp: 49206
Ion Ratio Lower Upper
130 100
95 104.9 0.0 204.6

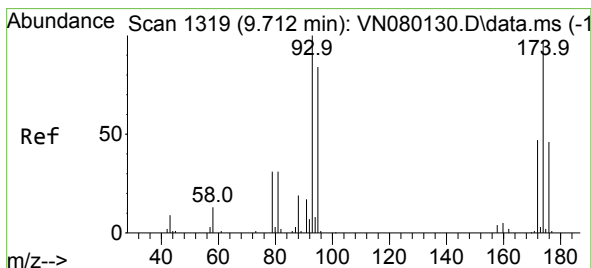
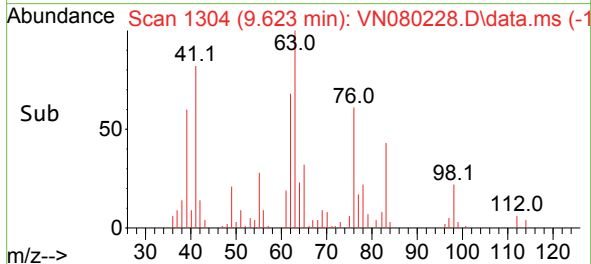
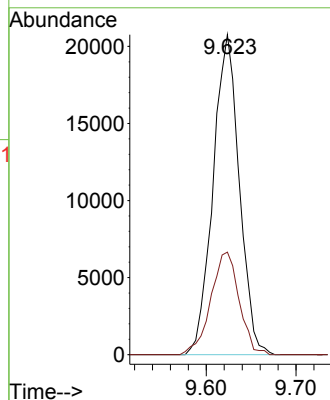
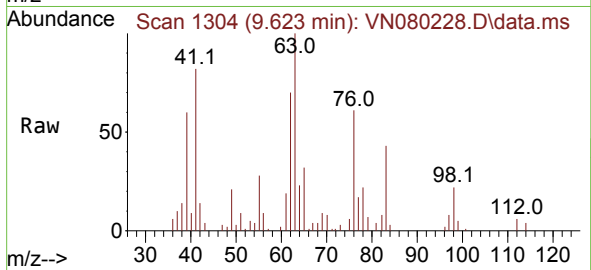




#45
1,2-Dichloropropane
Concen: 17.883 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

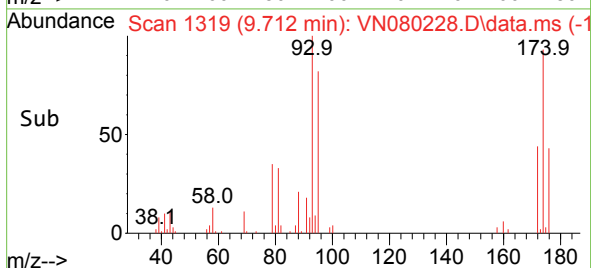
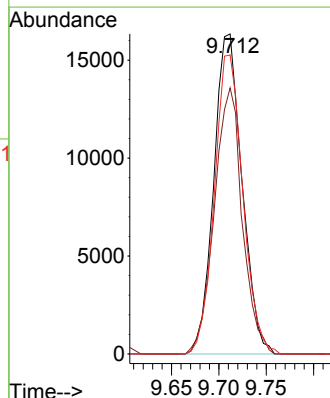
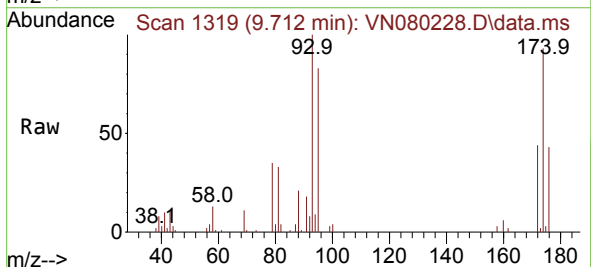
Instrument :
MSVOA_N
ClientSampleId :

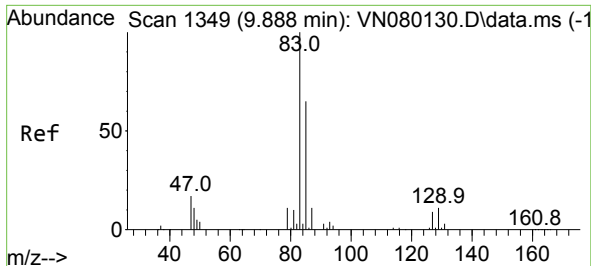
Tgt Ion: 63 Resp: 42159
Ion Ratio Lower Upper
63 100
65 32.0 23.9 35.9



#46
Dibromomethane
Concen: 18.971 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

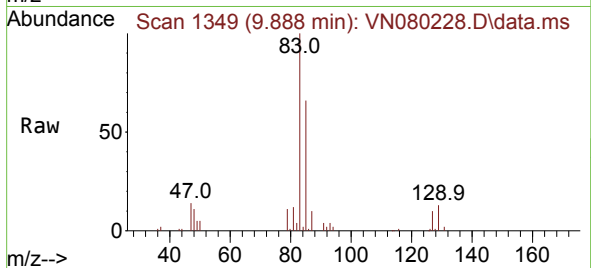
Tgt Ion: 93 Resp: 33855
Ion Ratio Lower Upper
93 100
95 82.3 63.8 95.8
174 94.1 65.6 98.4



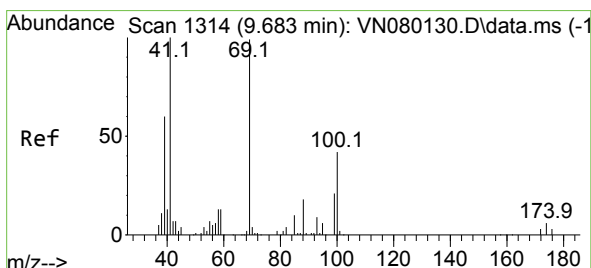
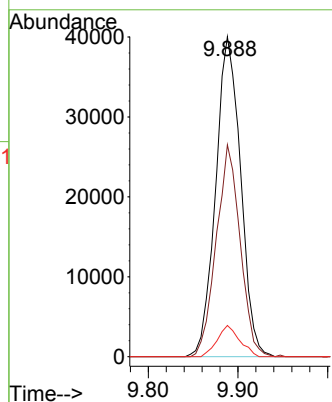
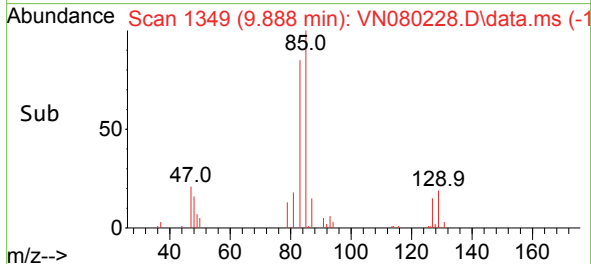


#47
Bromodichloromethane
Concen: 19.667 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :

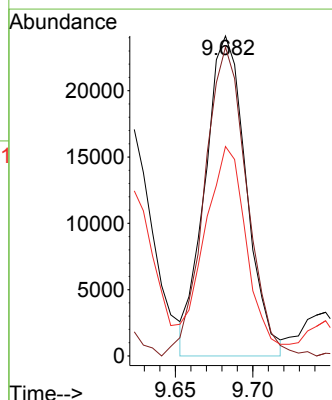
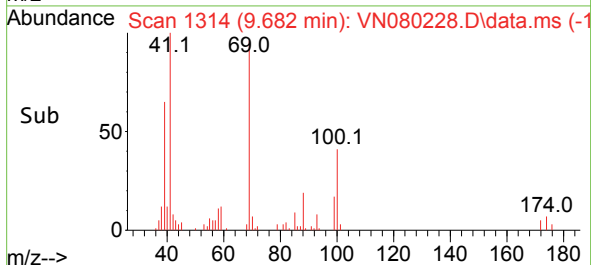
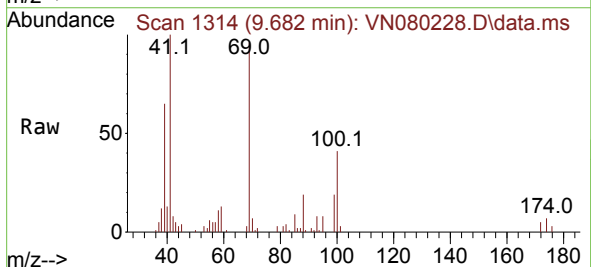


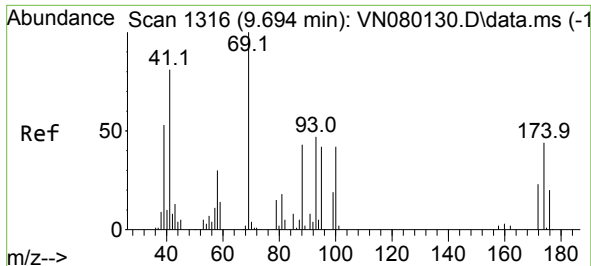
Tgt Ion: 83 Resp: 77204
Ion Ratio Lower Upper
83 100
85 66.2 49.6 74.4
127 9.8 7.0 10.6



#48
Methyl methacrylate
Concen: 17.978 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 41 Resp: 44636
Ion Ratio Lower Upper
41 100
69 99.7 90.4 135.6
39 68.6 54.6 81.8





#49

1,4-Dioxane

Concen: 321.944 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

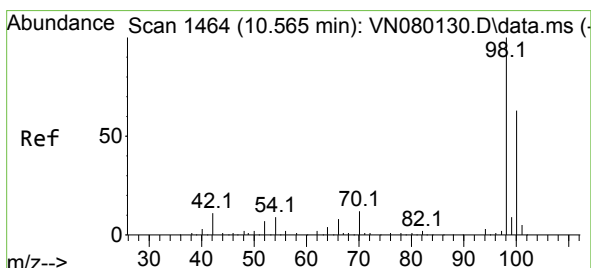
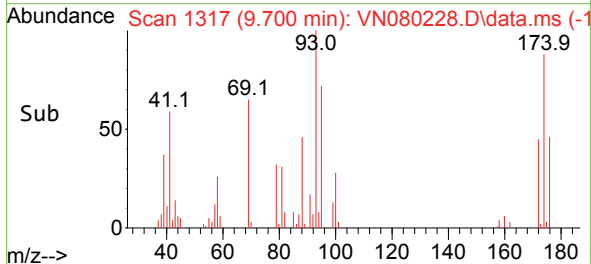
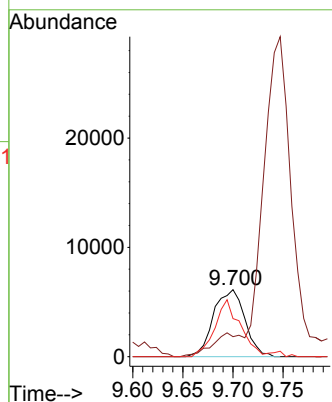
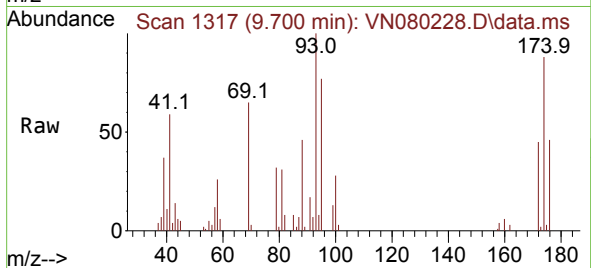
Tgt Ion: 88 Resp: 13298

Ion Ratio Lower Upper

88 100

43 25.0 17.0 25.6

58 70.3 47.0 70.4



#50

Toluene-d8

Concen: 50.439 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080228.D

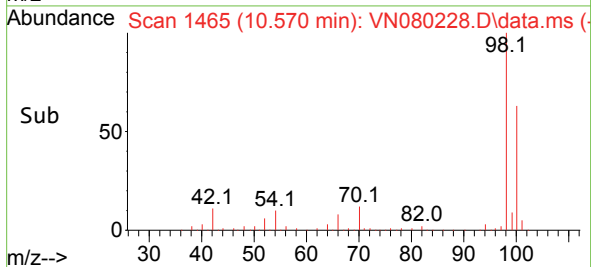
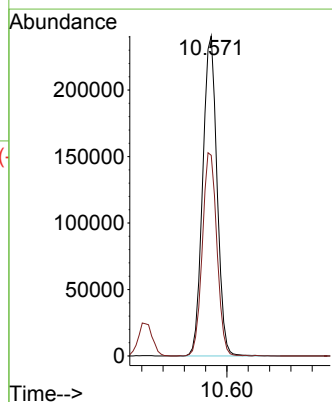
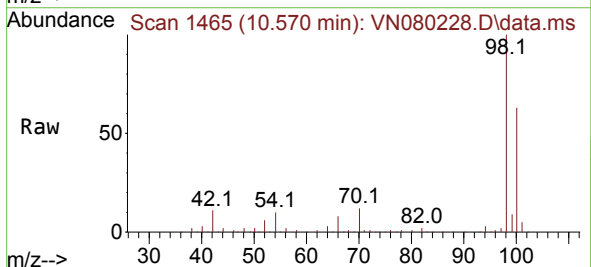
Acq: 21 Nov 2023 13:31

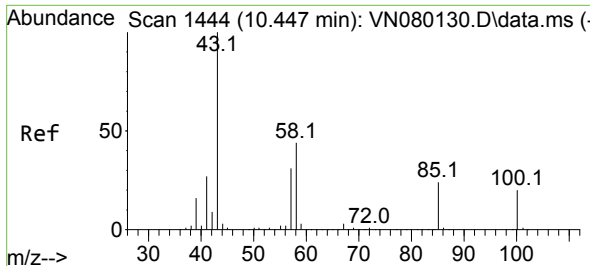
Tgt Ion: 98 Resp: 448259

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

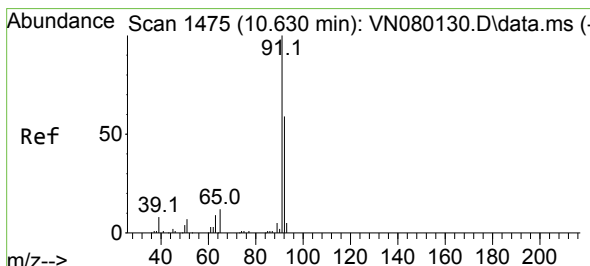
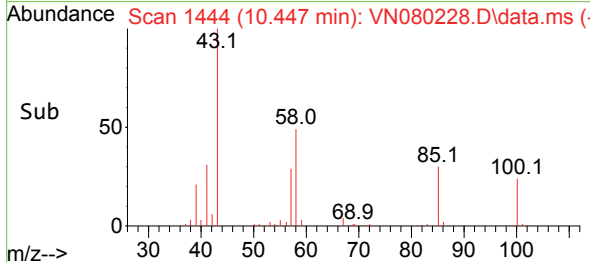
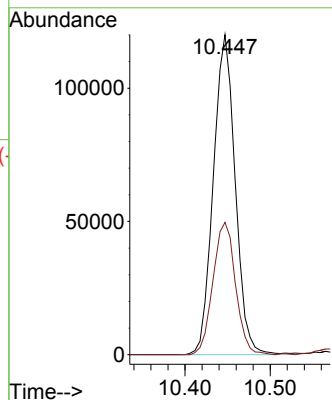
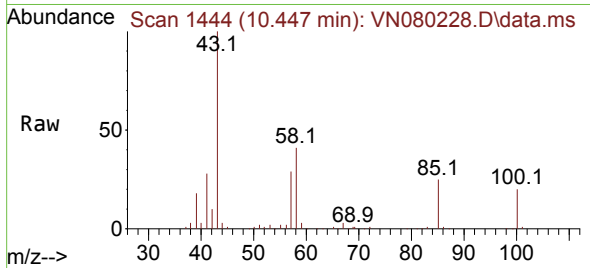




#51
4-Methyl-2-Pentanone
Concen: 85.910 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

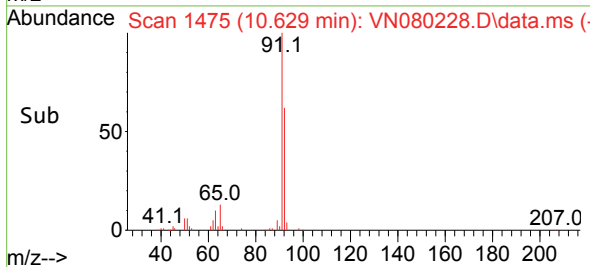
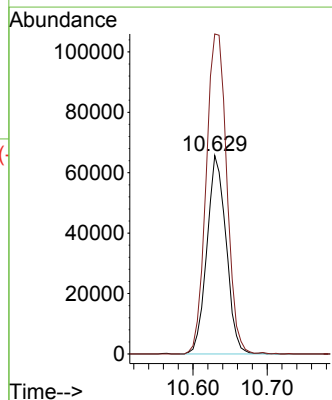
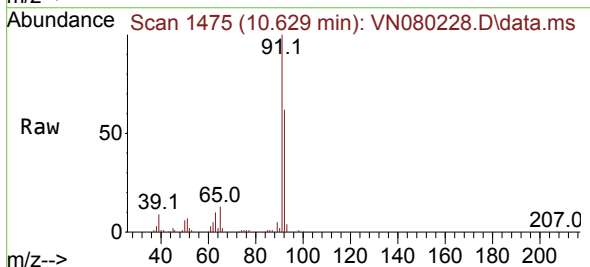
Instrument :
MSVOA_N
ClientSampleId :

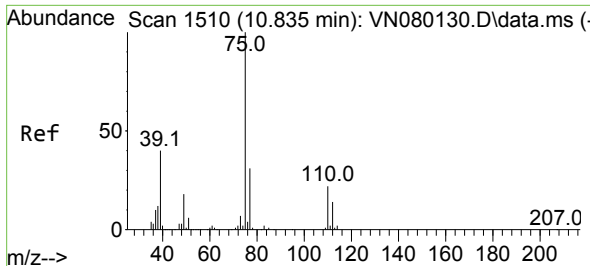
Tgt Ion: 43 Resp: 214290
Ion Ratio Lower Upper
43 100
58 42.6 36.6 54.8



#52
Toluene
Concen: 18.607 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 92 Resp: 118130
Ion Ratio Lower Upper
92 100
91 173.2 137.4 206.0

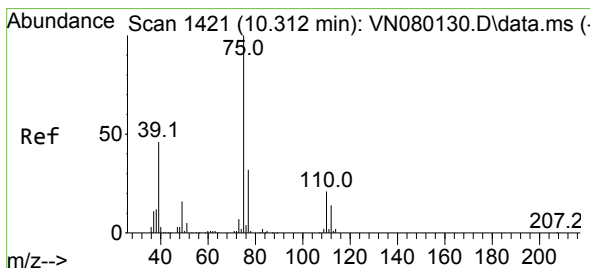
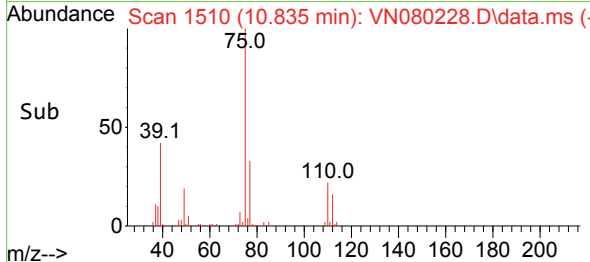
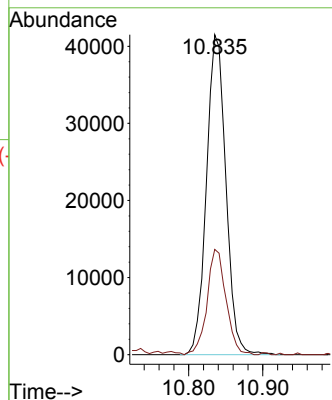
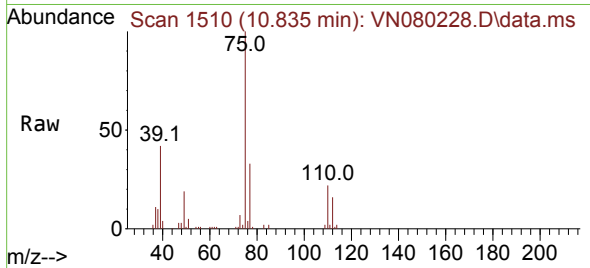




#53
t-1,3-Dichloropropene
Concen: 18.733 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

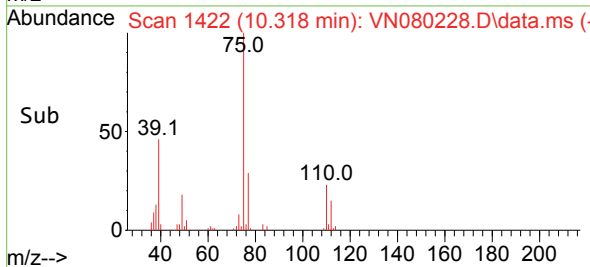
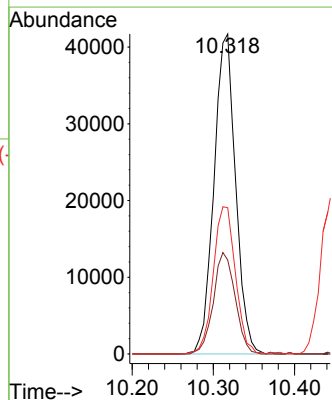
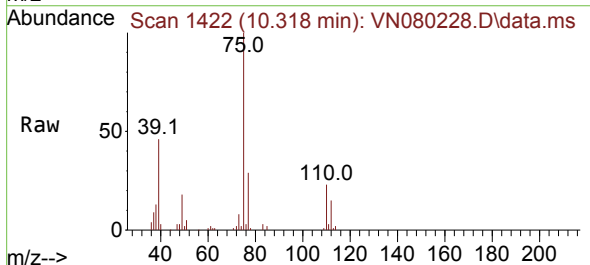
Instrument :
MSVOA_N
ClientSampleId :

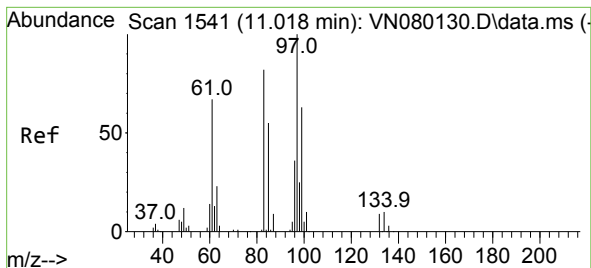
Tgt Ion: 75 Resp: 75552
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 18.773 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 75 Resp: 77353
Ion Ratio Lower Upper
75 100
77 29.3 26.1 39.1
39 45.7 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 18.609 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 45091

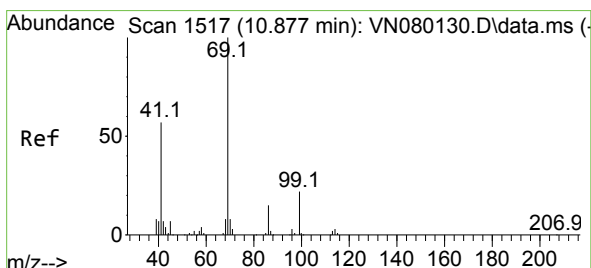
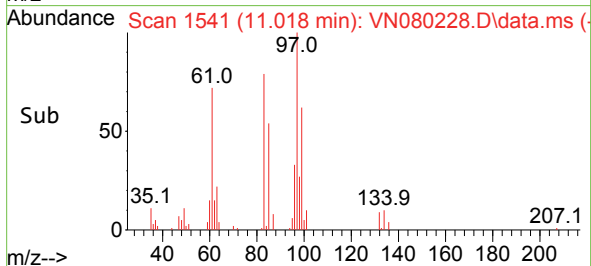
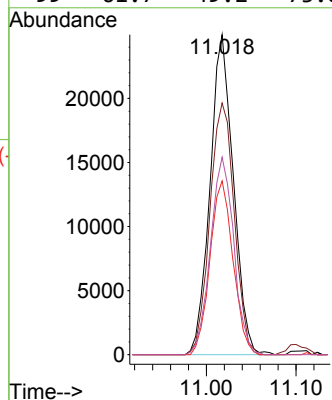
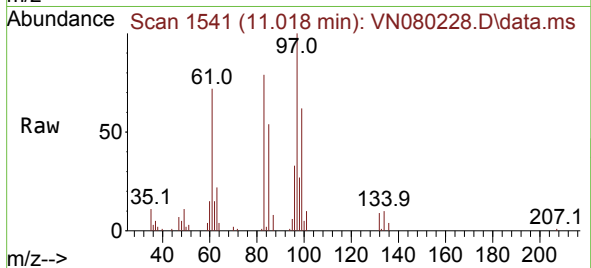
Ion Ratio Lower Upper

97 100

83 78.6 65.1 97.7

85 54.3 43.4 65.2

99 61.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 18.242 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

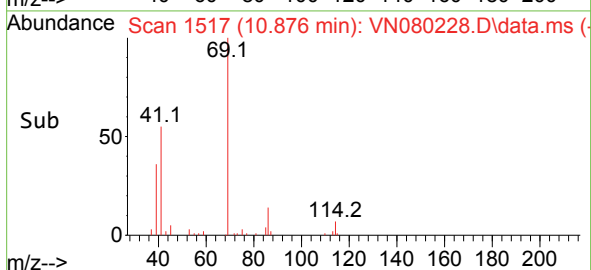
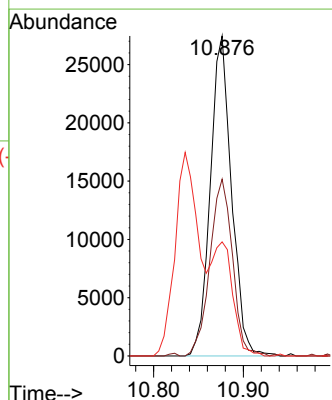
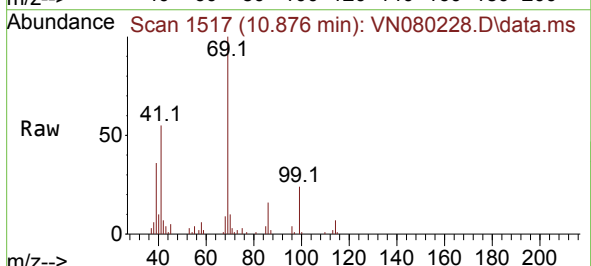
Tgt Ion: 69 Resp: 45157

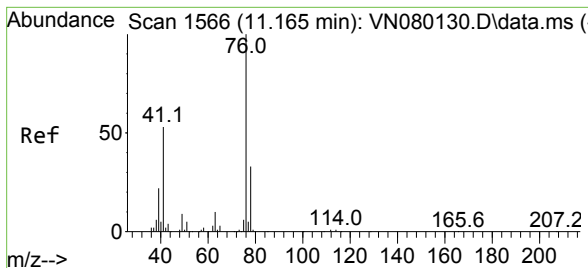
Ion Ratio Lower Upper

69 100

41 58.9 39.6 59.4

39 29.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 18.434 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

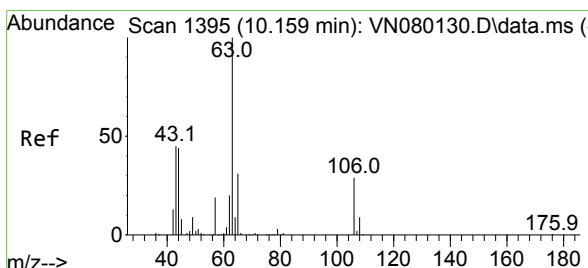
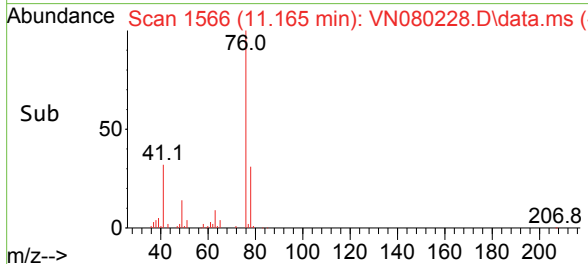
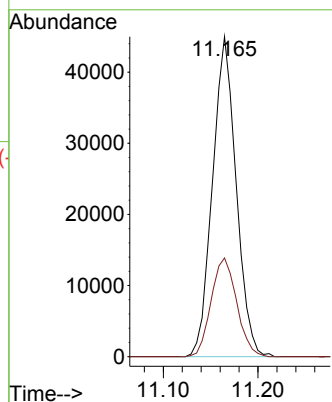
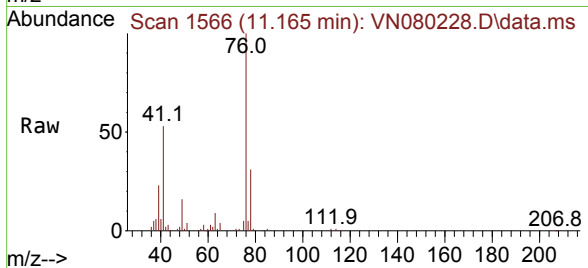
ClientSampleId :

Tgt Ion: 76 Resp: 77988

Ion Ratio Lower Upper

76 100

78 33.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 89.721 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080228.D

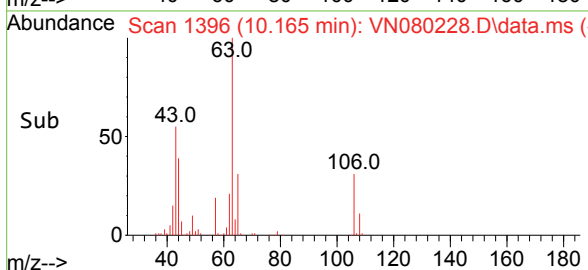
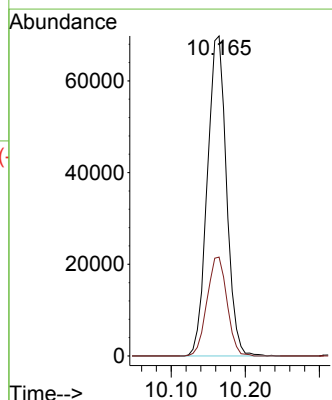
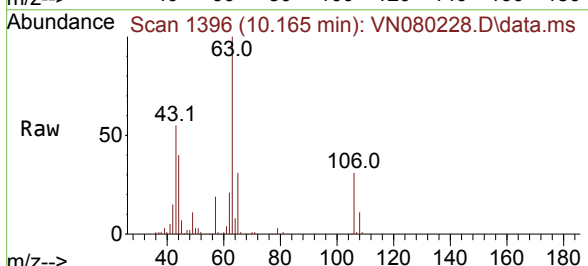
Acq: 21 Nov 2023 13:31

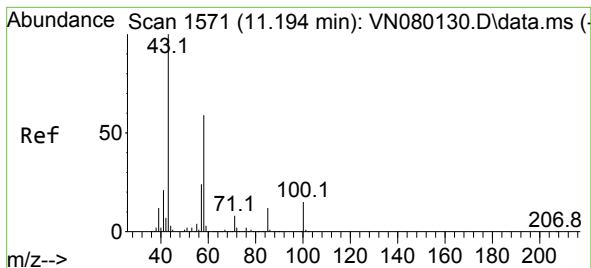
Tgt Ion: 63 Resp: 125122

Ion Ratio Lower Upper

63 100

106 32.3 26.2 39.4

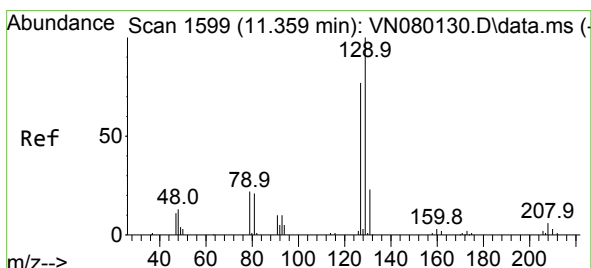
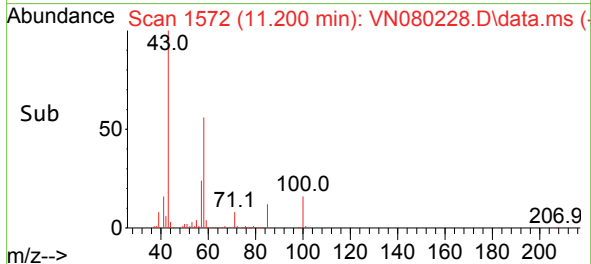
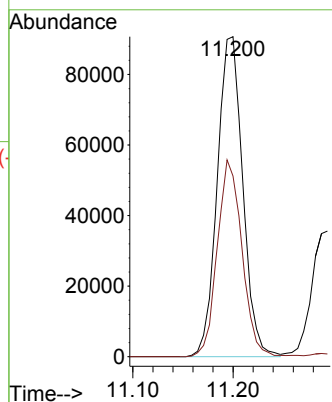
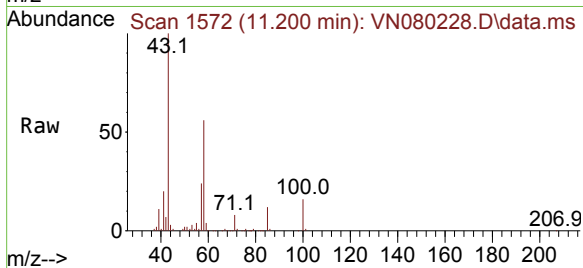




#59
2-Hexanone
Concen: 79.965 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

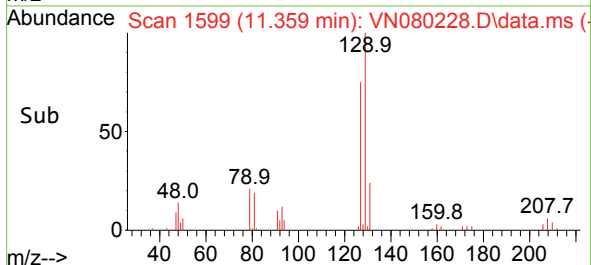
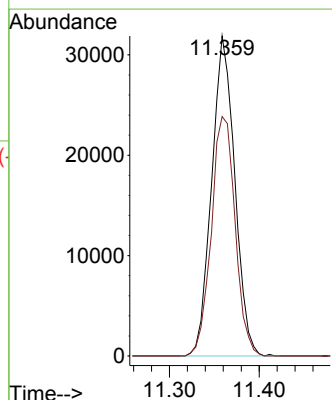
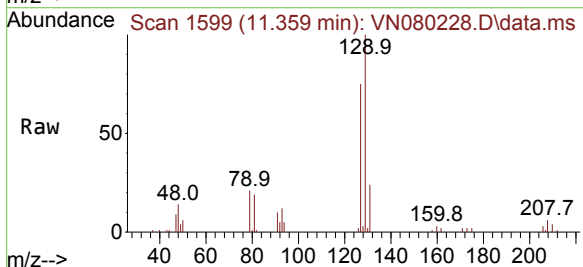
Instrument :
MSVOA_N
ClientSampleId :

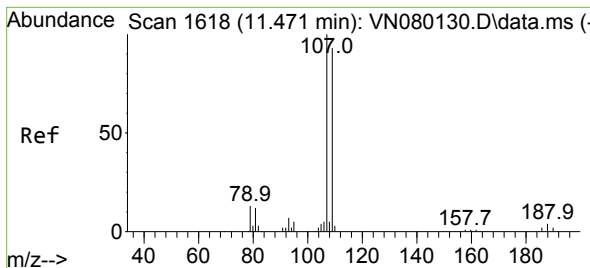
Tgt Ion: 43 Resp: 160278
Ion Ratio Lower Upper
43 100
58 59.6 31.7 95.1



#60
Dibromochloromethane
Concen: 19.647 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion:129 Resp: 56995
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

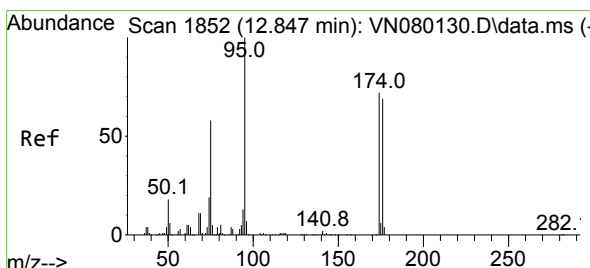
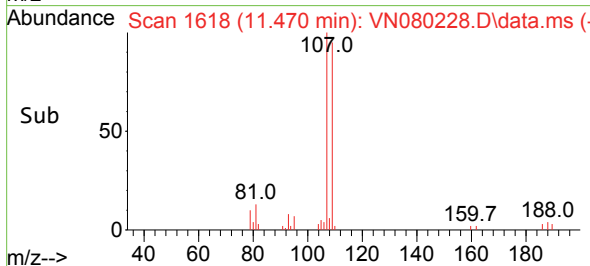
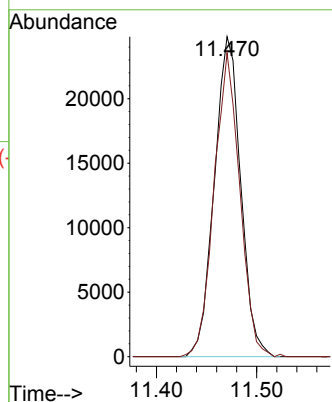
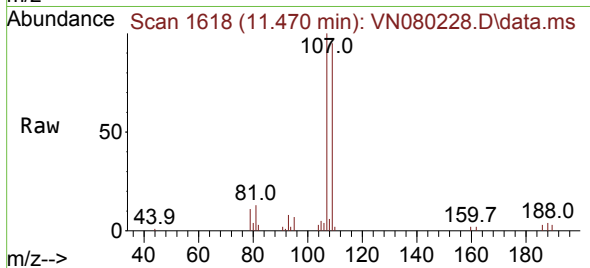




#61
1,2-Dibromoethane
Concen: 18.324 ug/l
RT: 11.470 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

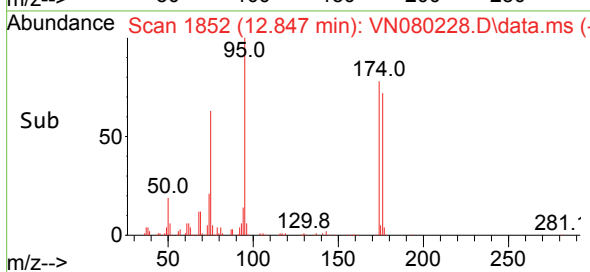
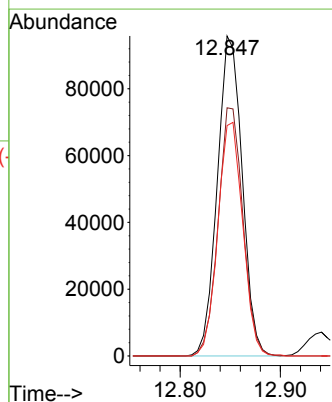
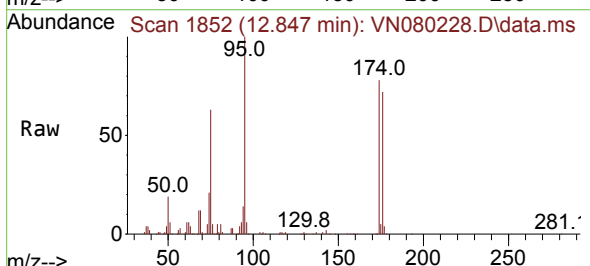
Instrument :
MSVOA_N
ClientSampleId :

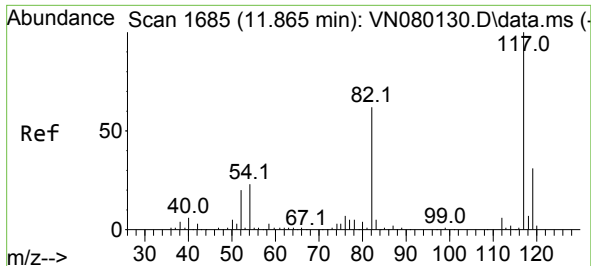
Tgt Ion:107 Resp: 45296
Ion Ratio Lower Upper
107 100
109 92.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.220 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

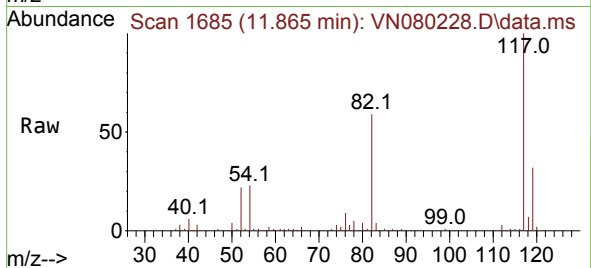
Tgt Ion: 95 Resp: 165224
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 73.1 0.0 135.8



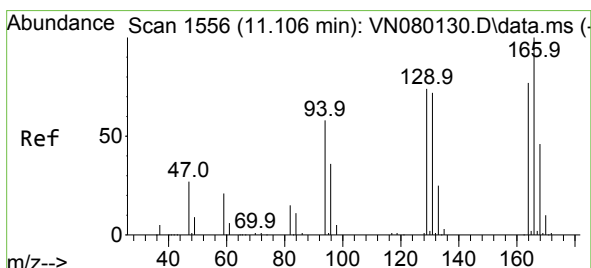
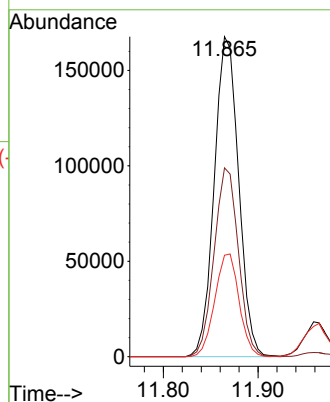
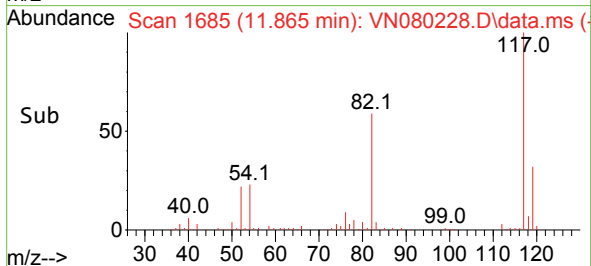


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

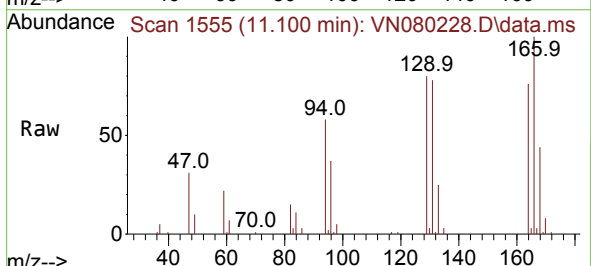
Instrument :
MSVOA_N
ClientSampleId :



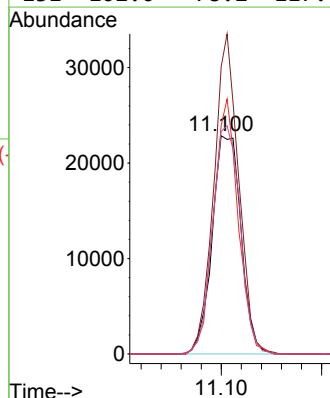
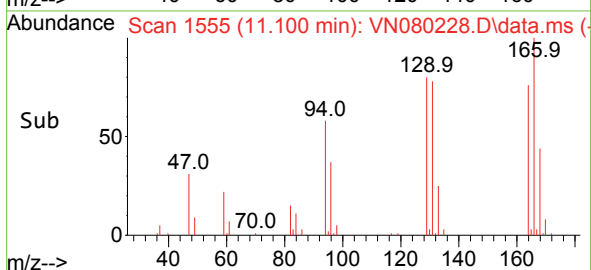
Tgt Ion:117 Resp: 299649
Ion Ratio Lower Upper
117 100
82 59.0 44.0 66.0
119 31.7 25.6 38.4

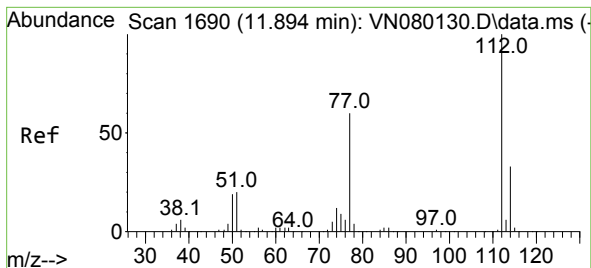


#64
Tetrachloroethene
Concen: 19.902 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31



Tgt Ion:164 Resp: 45512
Ion Ratio Lower Upper
164 100
166 131.6 101.4 152.0
129 104.7 82.4 123.6
131 102.0 78.2 117.4

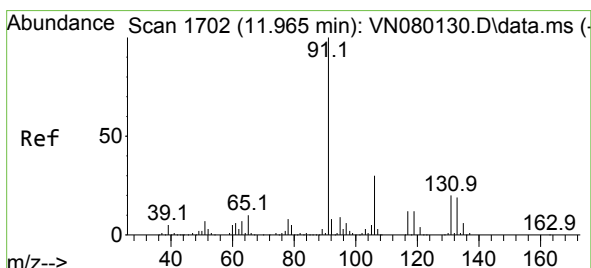
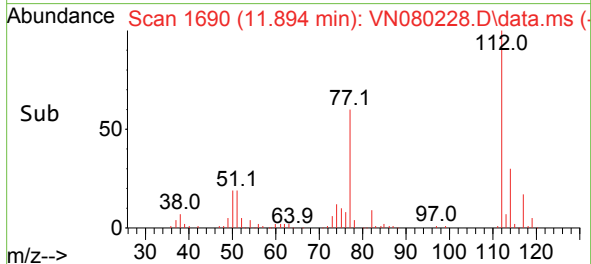
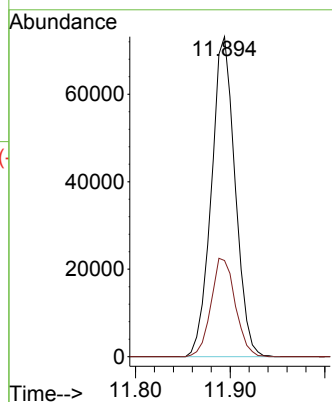
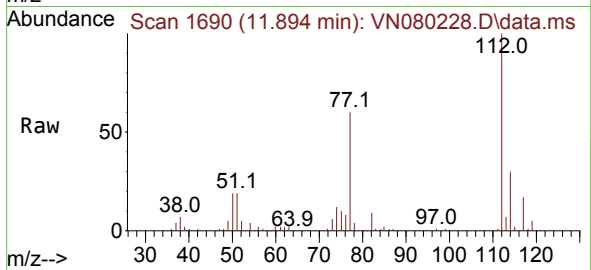




#65
Chlorobenzene
Concen: 18.748 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

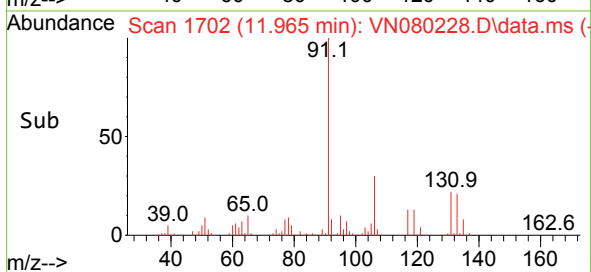
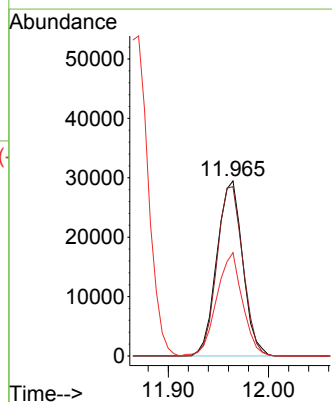
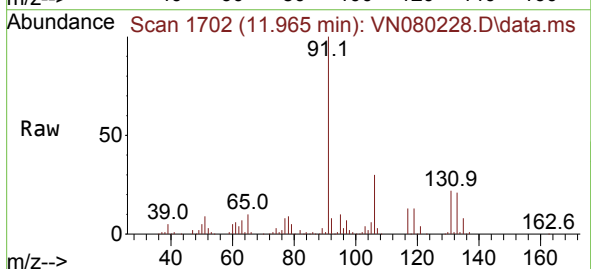
Instrument :
MSVOA_N
ClientSampleId :

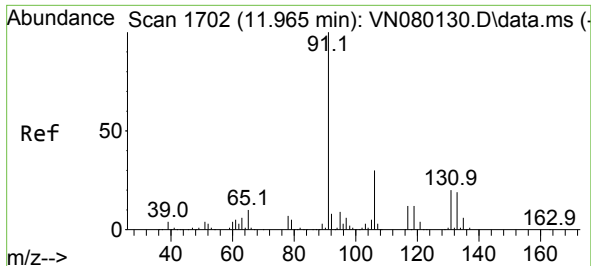
Tgt Ion:112 Resp: 127297
Ion Ratio Lower Upper
112 100
114 30.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.991 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion:131 Resp: 52673
Ion Ratio Lower Upper
131 100
133 97.5 46.4 139.1
119 58.9 34.1 102.2

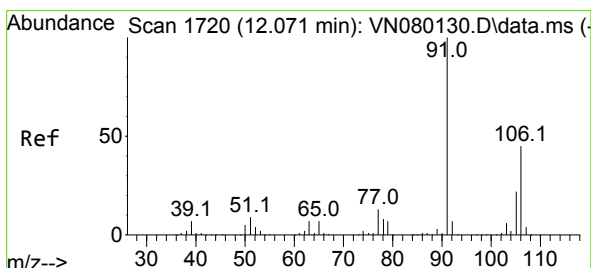
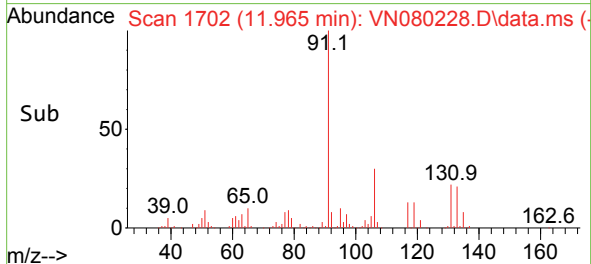
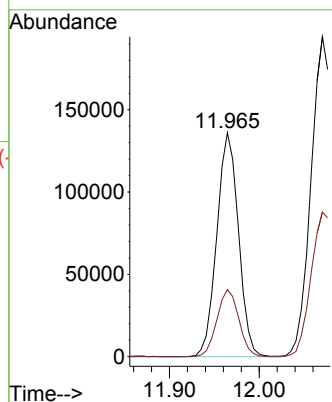
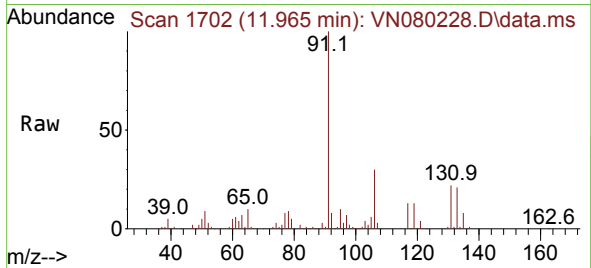




#67
Ethyl Benzene
Concen: 18.839 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

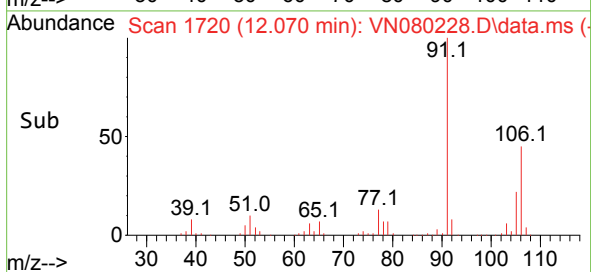
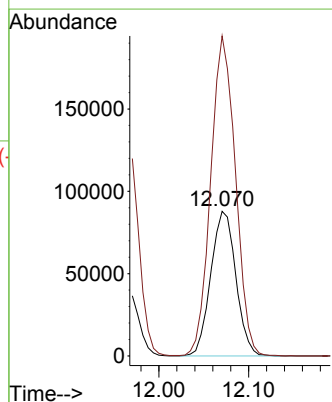
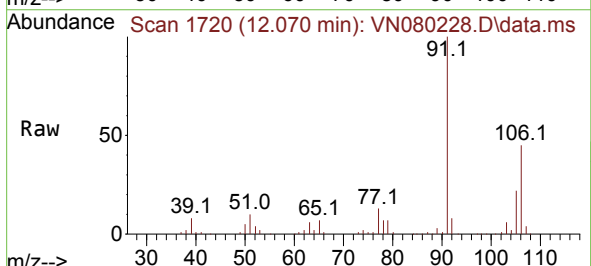
Instrument :
MSVOA_N
ClientSampleId :

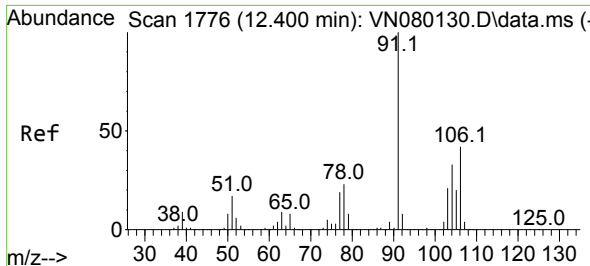
Tgt Ion: 91 Resp: 227611
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4



#68
m/p-Xylenes
Concen: 38.708 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion:106 Resp: 170518
Ion Ratio Lower Upper
106 100
91 218.6 159.6 239.4

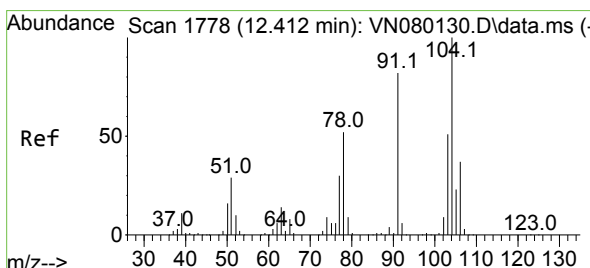
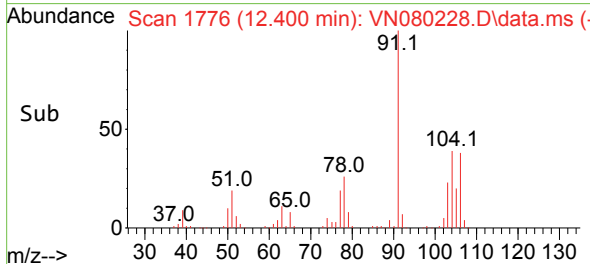
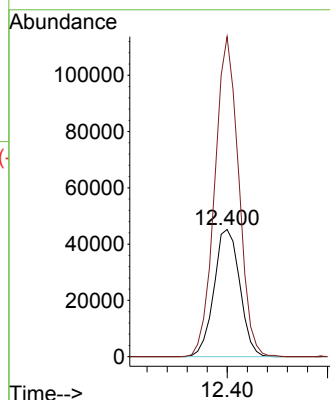
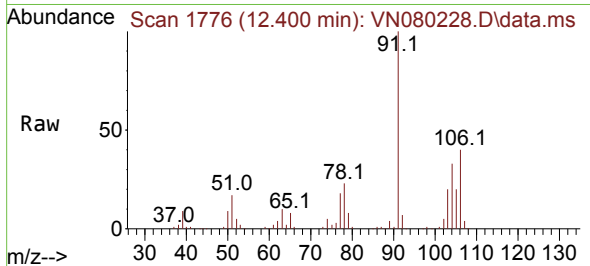




#69
o-Xylene
Concen: 19.438 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

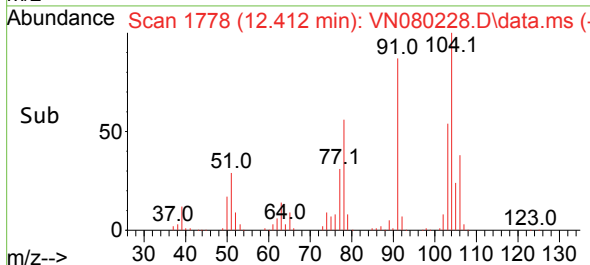
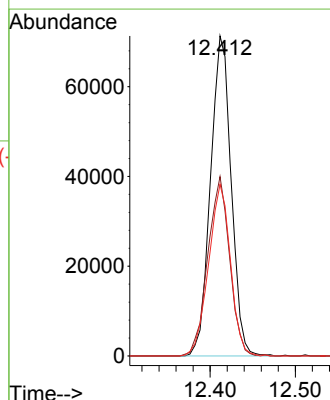
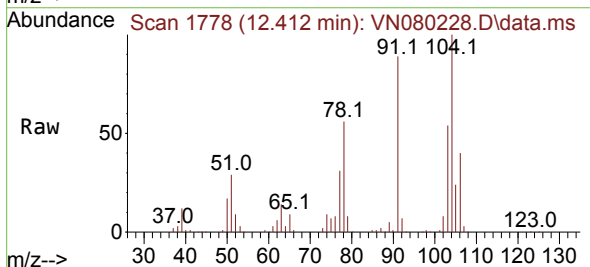
Instrument :
MSVOA_N
ClientSampleId :

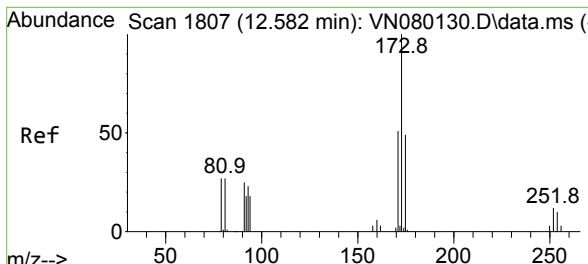
Tgt Ion:106 Resp: 80697
Ion Ratio Lower Upper
106 100
91 233.5 105.2 315.5



#70
Styrene
Concen: 19.433 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

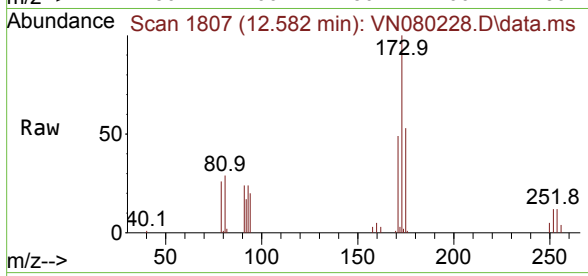
Tgt Ion:104 Resp: 120081
Ion Ratio Lower Upper
104 100
78 59.2 39.5 59.3
103 56.6 43.2 64.8





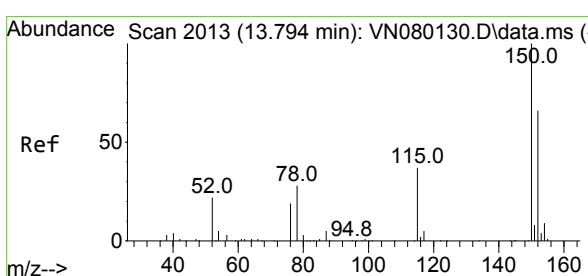
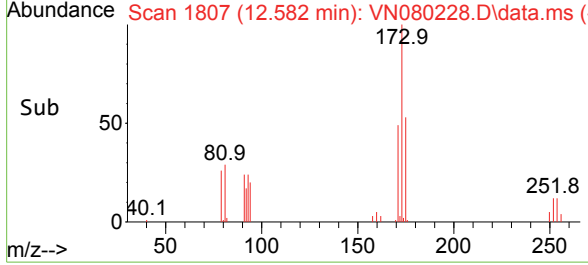
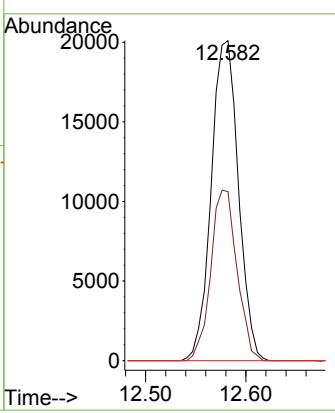
#71
 Bromoform
 Concen: 19.342 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. -0.000 min
 Lab File: VN080228.D
 Acq: 21 Nov 2023 13:31

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:173 Resp: 37795

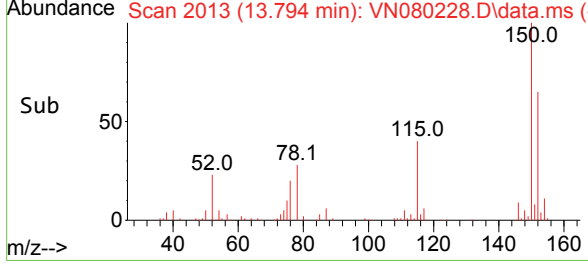
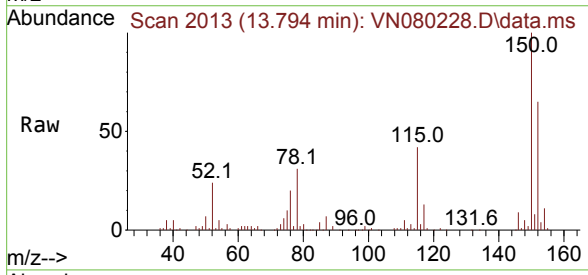
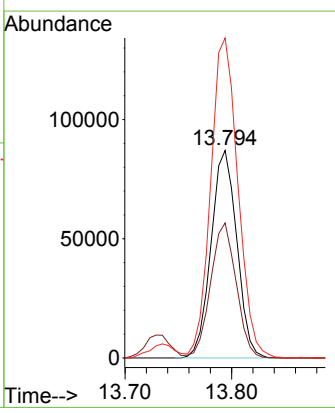
Ion	Ratio	Lower	Upper
173	100		
175	51.4	24.3	73.0
254	0.0	0.0	0.0

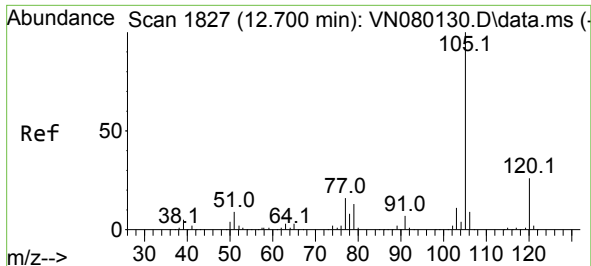


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080228.D
 Acq: 21 Nov 2023 13:31

Tgt Ion:152 Resp: 146031

Ion	Ratio	Lower	Upper
152	100		
115	64.7	32.3	96.8
150	162.9	0.0	355.8

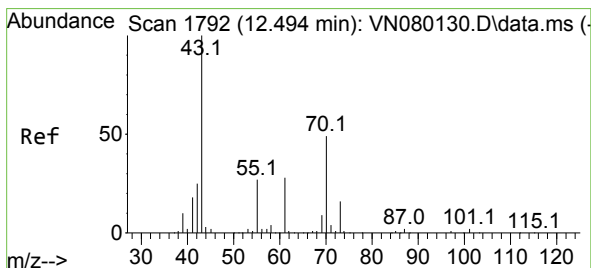
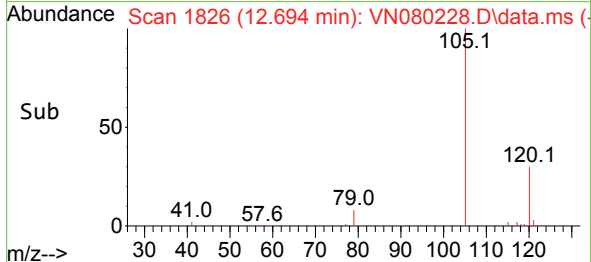
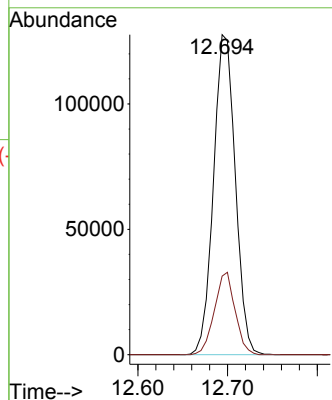
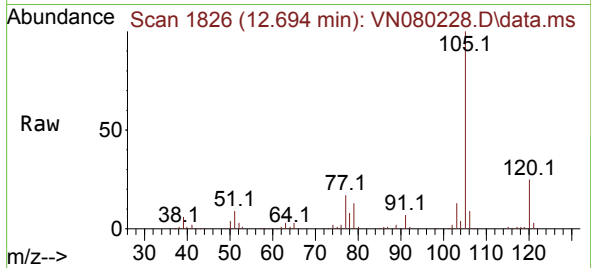




#73
Isopropylbenzene
Concen: 18.985 ug/l
RT: 12.694 min Scan# 1827
Delta R.T. -0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

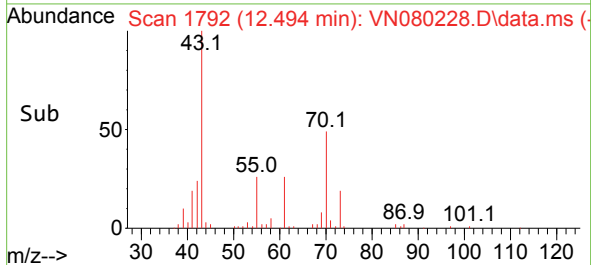
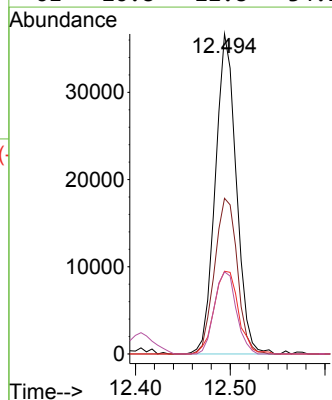
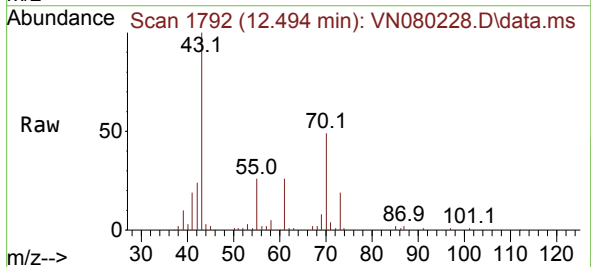
Instrument :
MSVOA_N
ClientSampleId :

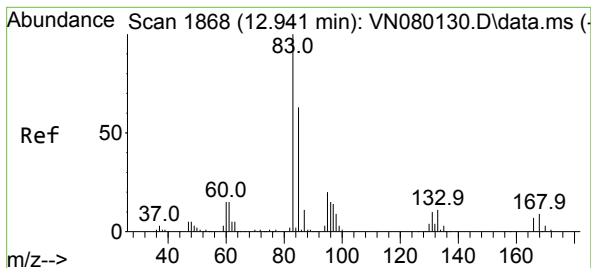
Tgt Ion:105 Resp: 215433
Ion Ratio Lower Upper
105 100
120 24.3 13.1 39.1



#74
N-ethyl acetate
Concen: 15.975 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 43 Resp: 56532
Ion Ratio Lower Upper
43 100
70 52.7 43.4 65.2
55 30.0 21.4 32.0
61 26.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.197 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

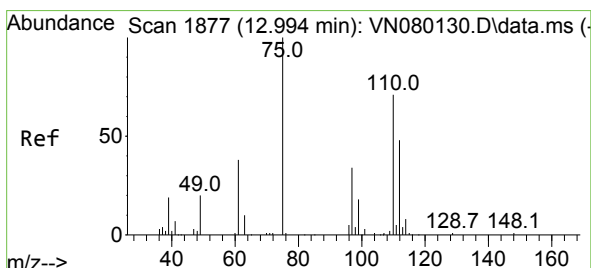
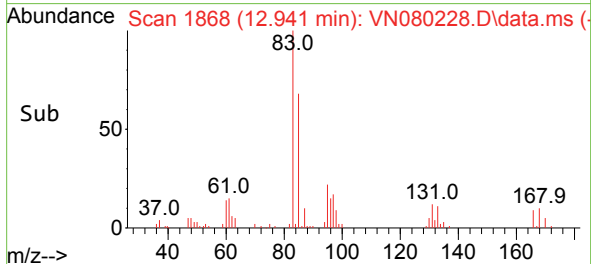
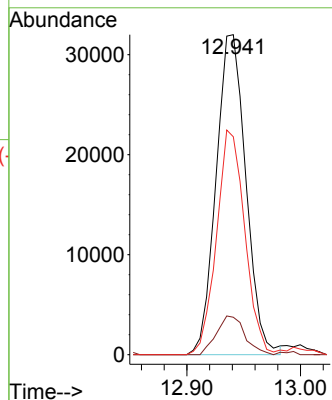
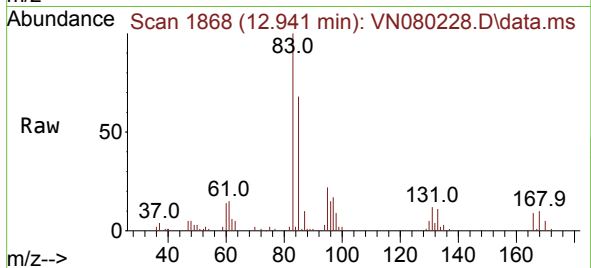
Tgt Ion: 83 Resp: 58406

Ion Ratio Lower Upper

83 100

131 11.5 5.0 15.0

85 66.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 22.120 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080228.D

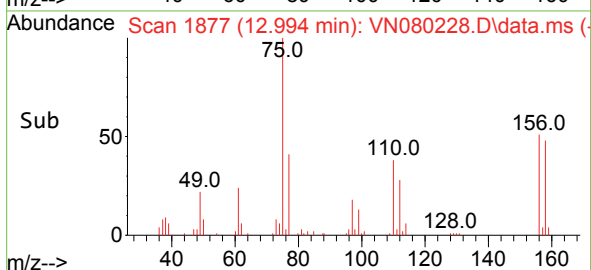
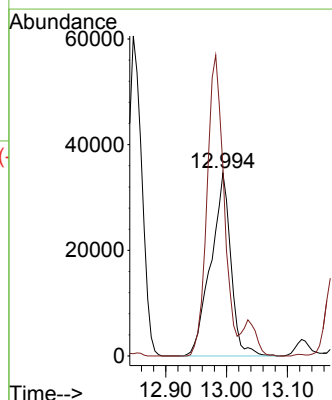
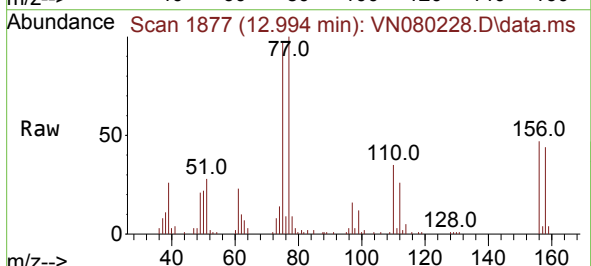
Acq: 21 Nov 2023 13:31

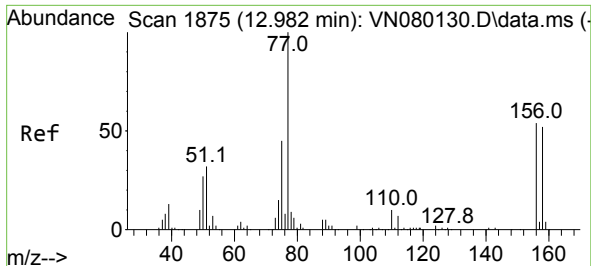
Tgt Ion: 75 Resp: 79146

Ion Ratio Lower Upper

75 100

77 138.5 84.5 253.5

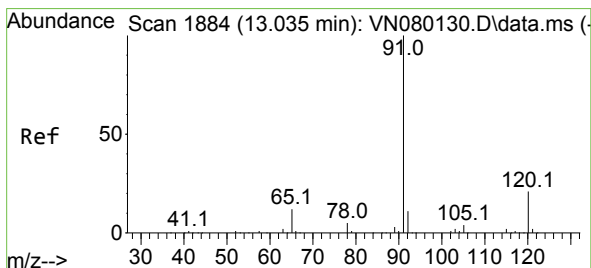
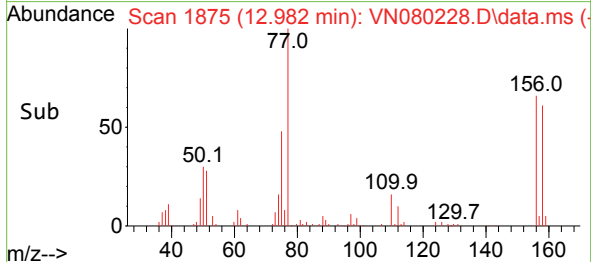
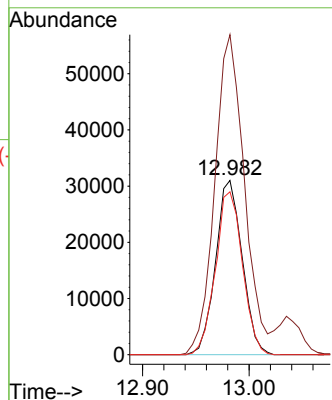
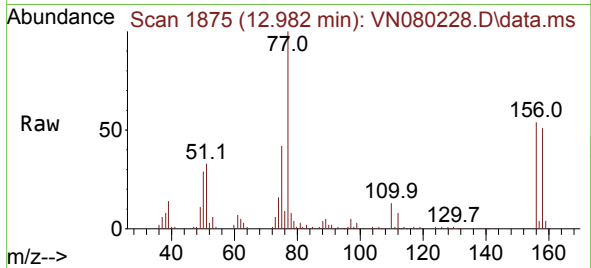




#77
Bromobenzene
Concen: 18.778 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

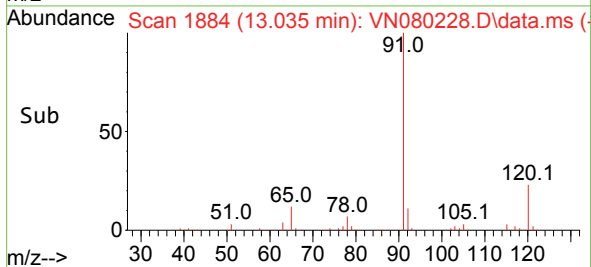
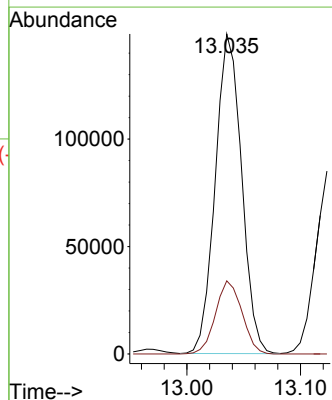
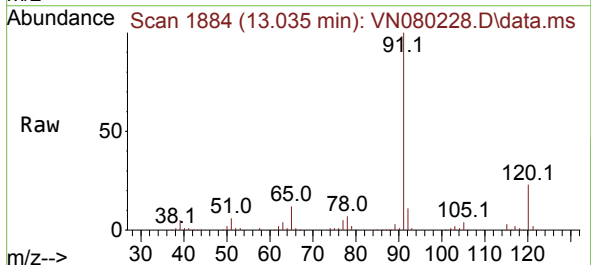
Instrument :
MSVOA_N
ClientSampleId :

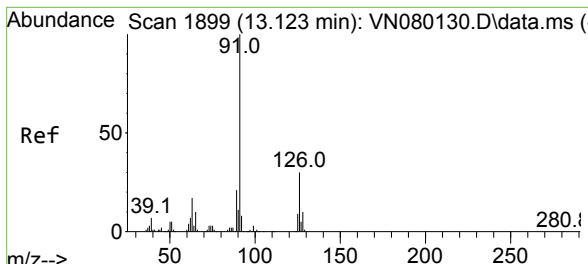
Tgt Ion:156 Resp: 53723
Ion Ratio Lower Upper
156 100
77 204.1 107.7 323.3
158 95.1 48.4 145.3



#78
n-propylbenzene
Concen: 18.849 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 91 Resp: 239178
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

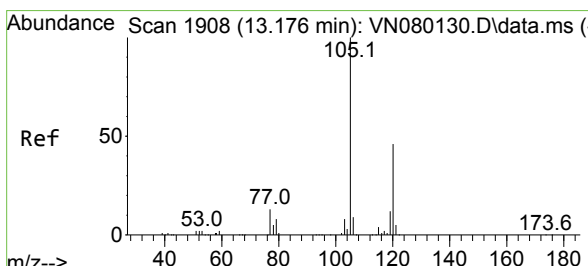
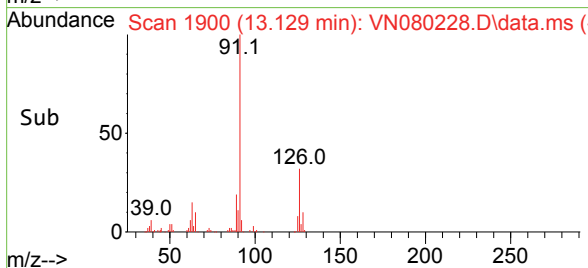
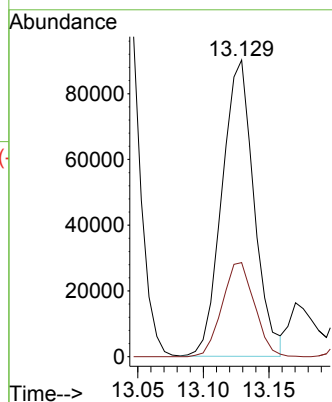
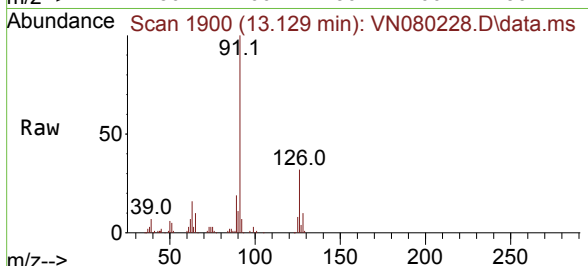




#79
 2-Chlorotoluene
 Concen: 18.603 ug/l
 RT: 13.129 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VN080228.D
 Acq: 21 Nov 2023 13:31

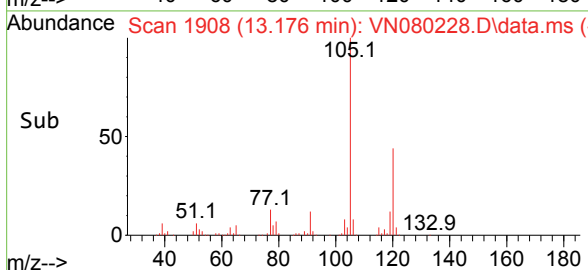
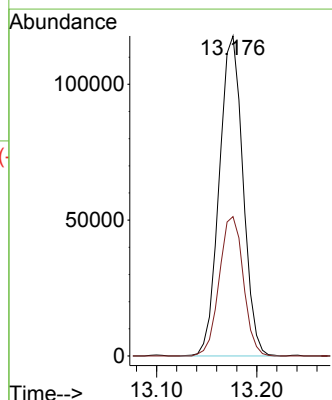
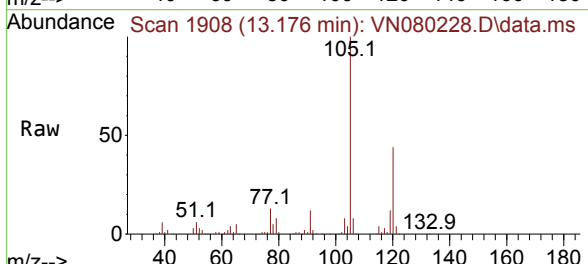
Instrument :
 MSVOA_N
 ClientSampleId :

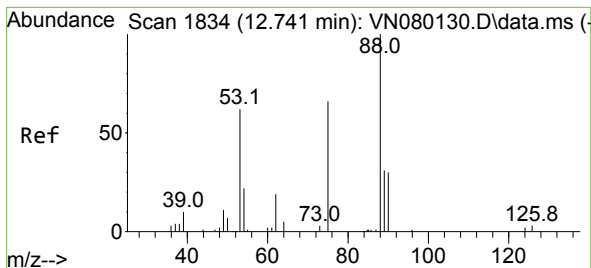
Tgt Ion: 91 Resp: 153318
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.583 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN080228.D
 Acq: 21 Nov 2023 13:31

Tgt Ion: 105 Resp: 193440
 Ion Ratio Lower Upper
 105 100
 120 44.2 24.1 72.3

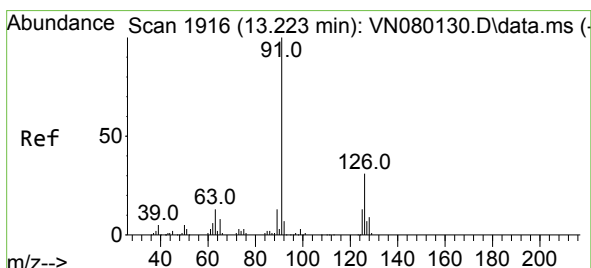
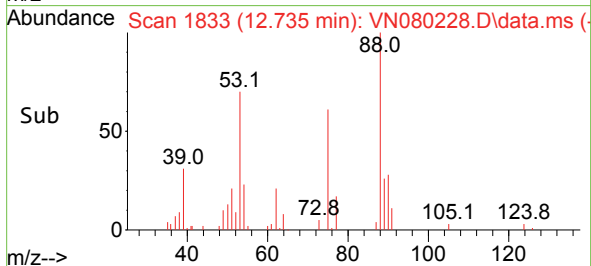
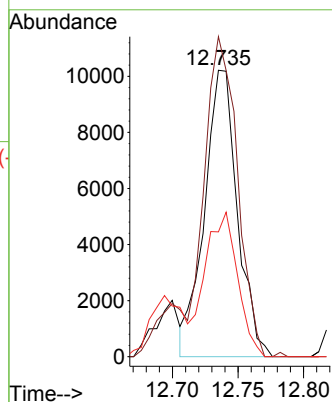
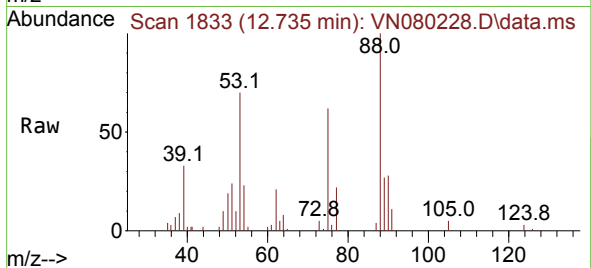




#81
trans-1,4-Dichloro-2-butene
Concen: 16.865 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

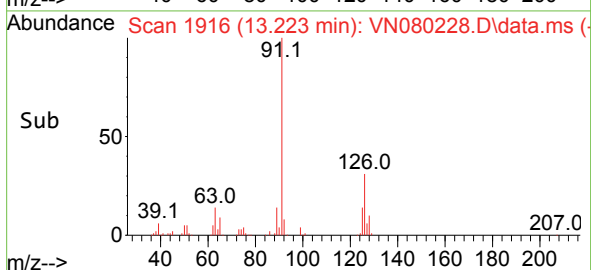
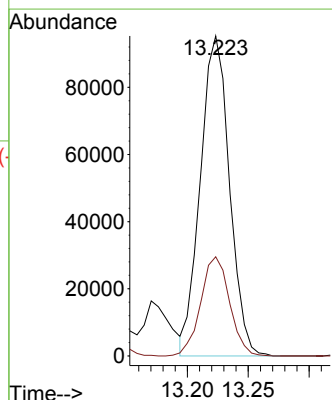
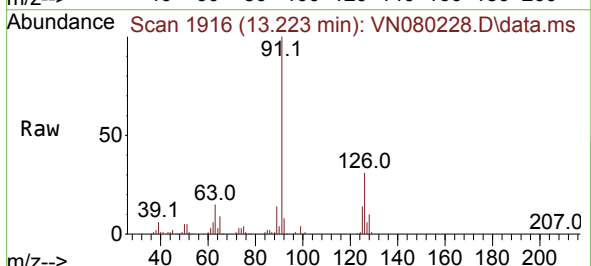
Instrument :
MSVOA_N
ClientSampleId :

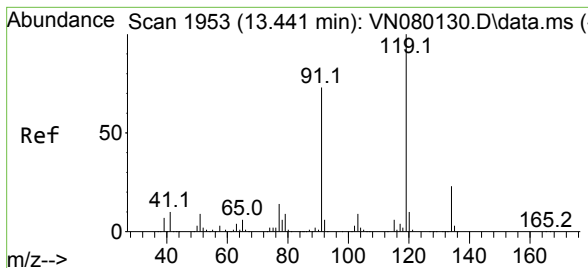
Tgt Ion: 75 Resp: 17860
Ion Ratio Lower Upper
75 100
53 128.0 67.4 101.2#
89 49.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.782 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

Tgt Ion: 91 Resp: 158580
Ion Ratio Lower Upper
91 100
126 30.8 16.7 50.0





#83

tert-Butylbenzene

Concen: 19.389 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

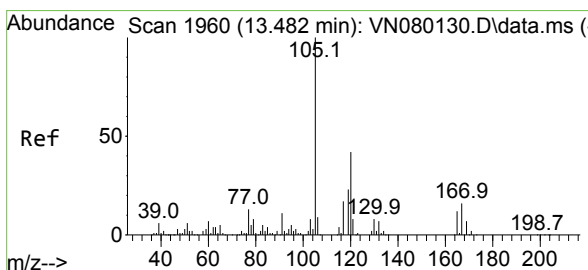
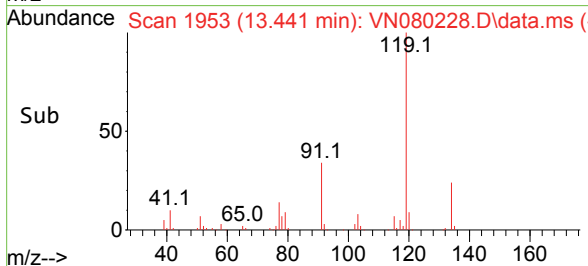
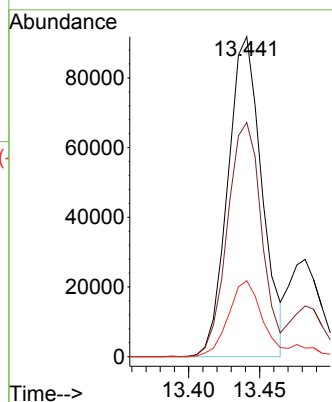
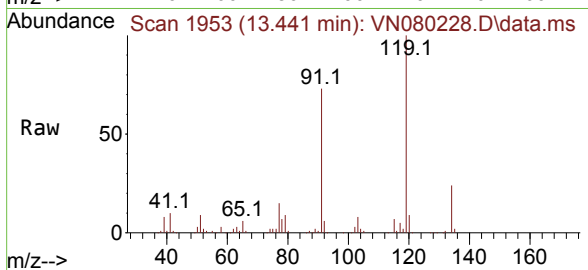
Tgt Ion:119 Resp: 153591

Ion Ratio Lower Upper

119 100

91 73.5 33.9 101.7

134 23.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.713 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080228.D

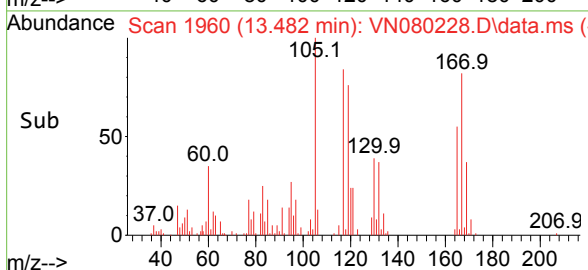
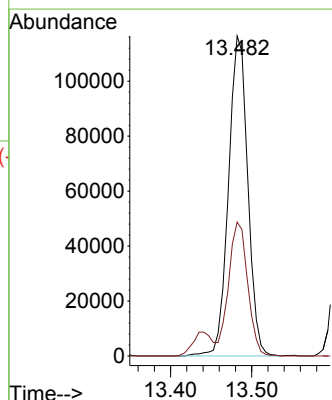
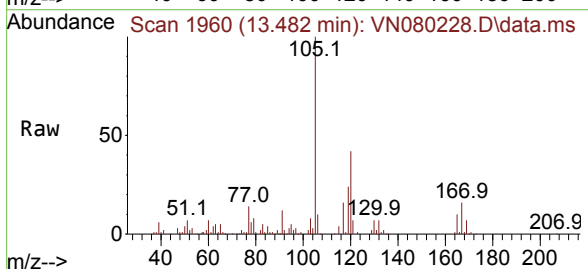
Acq: 21 Nov 2023 13:31

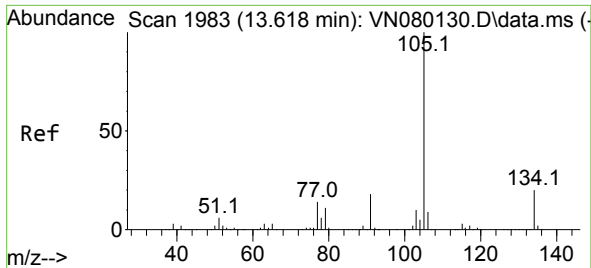
Tgt Ion:105 Resp: 191741

Ion Ratio Lower Upper

105 100

120 42.0 22.0 66.0

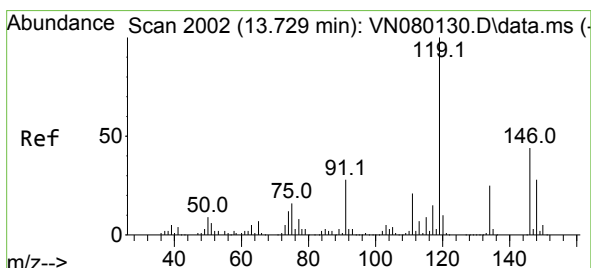
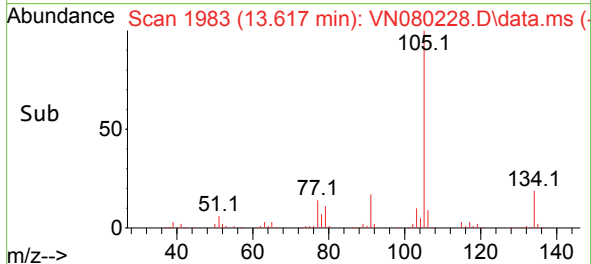
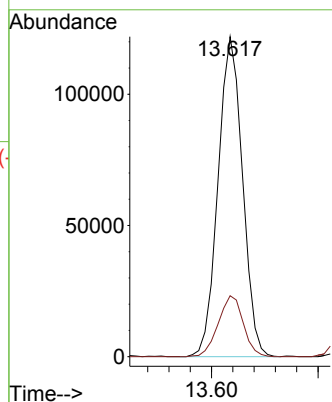
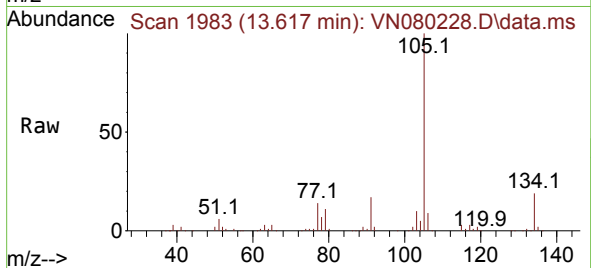




#85
 sec-Butylbenzene
 Concen: 19.400 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080228.D
 Acq: 21 Nov 2023 13:31

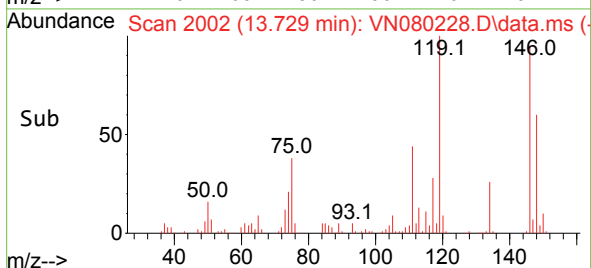
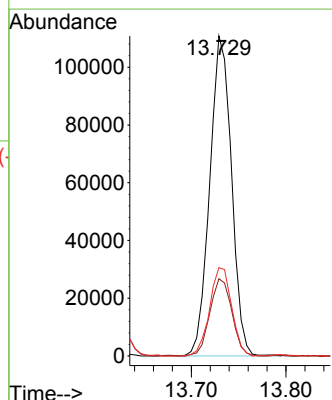
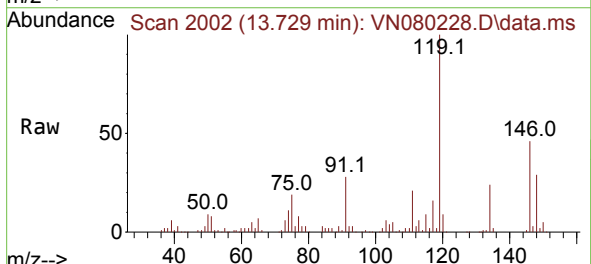
Instrument :
 MSVOA_N
 ClientSampleId :

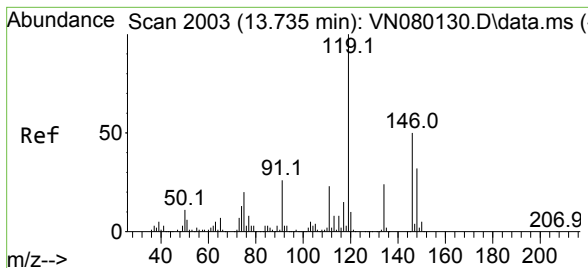
Tgt Ion:105 Resp: 194411
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.739 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080228.D
 Acq: 21 Nov 2023 13:31

Tgt Ion:119 Resp: 176702
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.6 37.8
 91 28.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.326 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

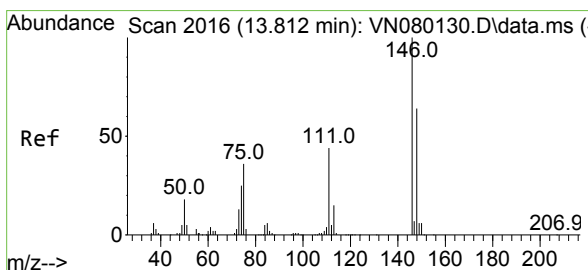
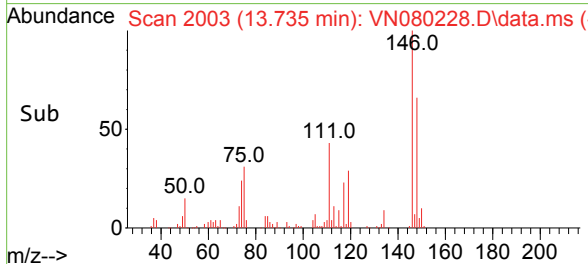
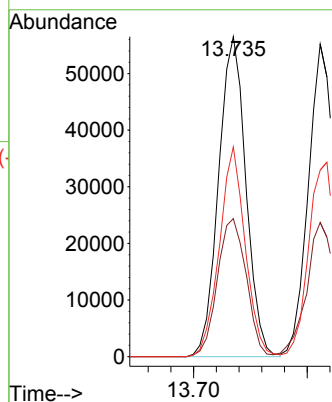
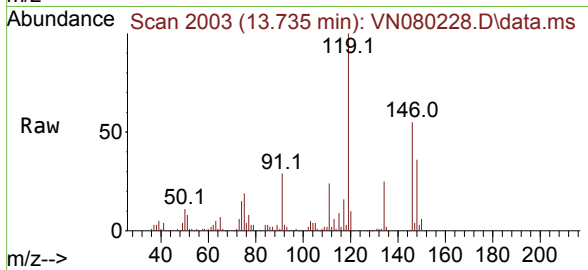
Tgt Ion:146 Resp: 94465

Ion Ratio Lower Upper

146 100

111 45.5 22.1 66.3

148 62.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 17.731 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

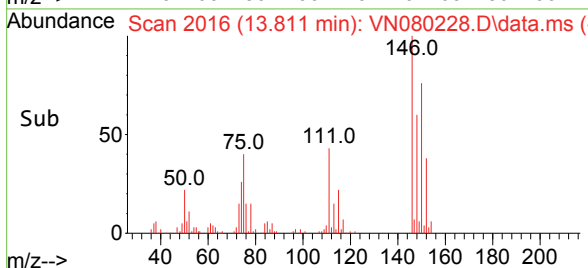
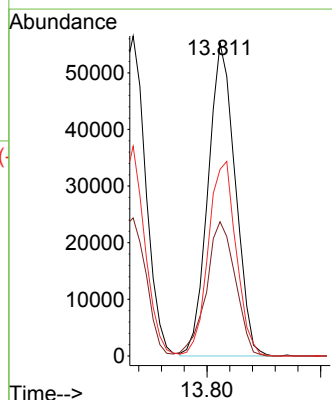
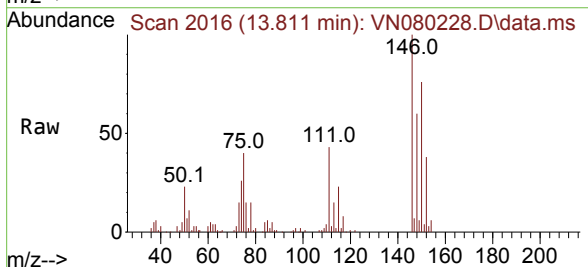
Tgt Ion:146 Resp: 91850

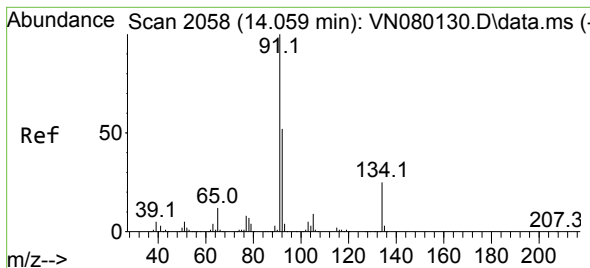
Ion Ratio Lower Upper

146 100

111 46.0 20.6 61.8

148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 17.682 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

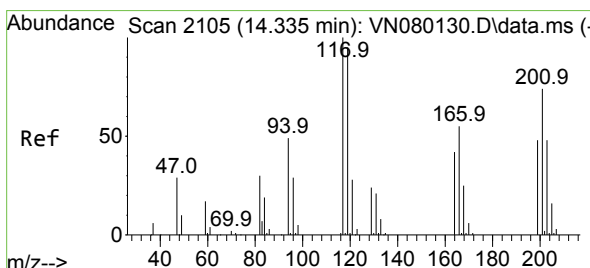
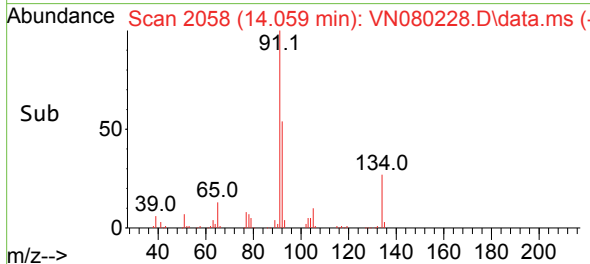
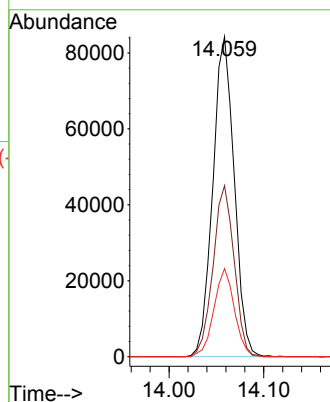
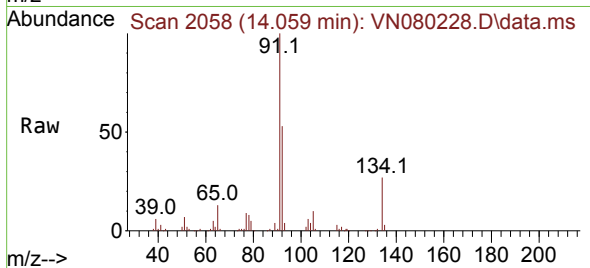
Tgt Ion: 91 Resp: 132485

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 19.062 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080228.D

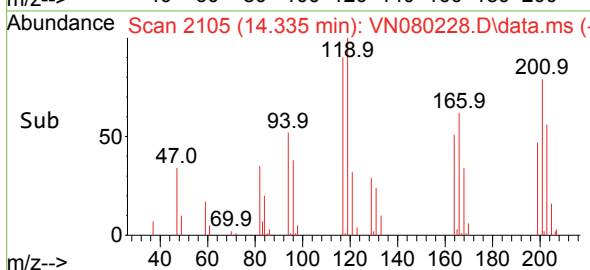
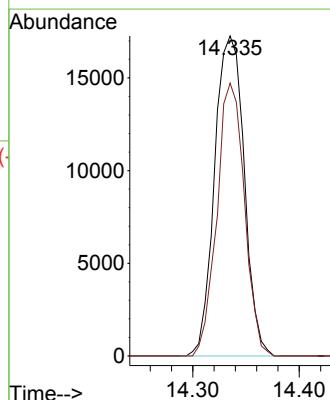
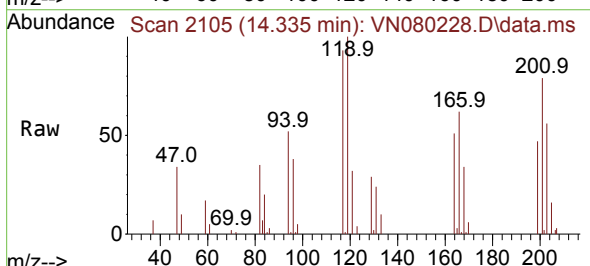
Acq: 21 Nov 2023 13:31

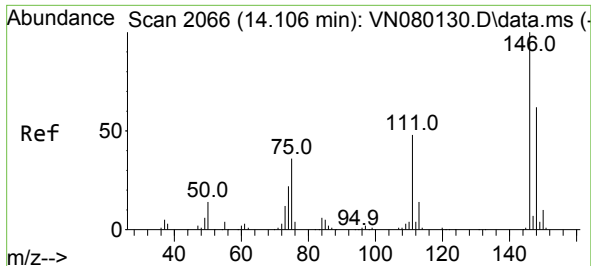
Tgt Ion: 117 Resp: 33267

Ion Ratio Lower Upper

117 100

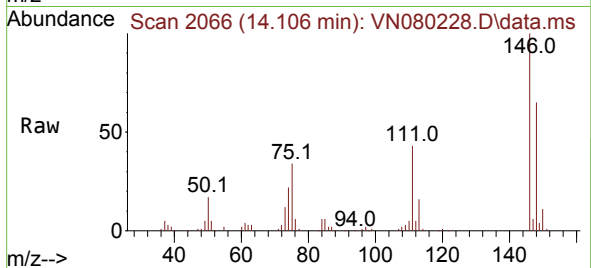
201 79.3 29.3 88.0



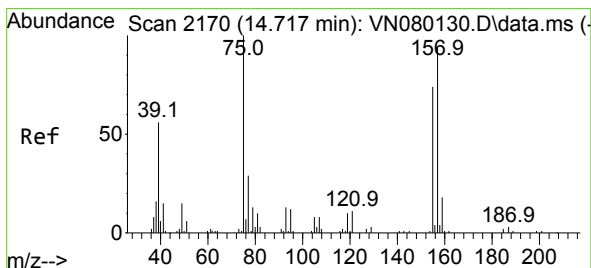
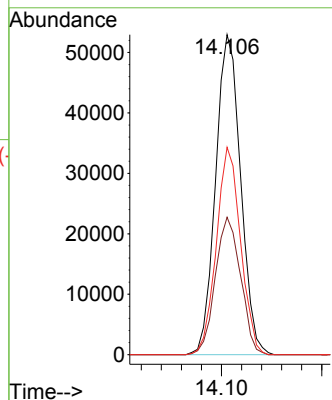
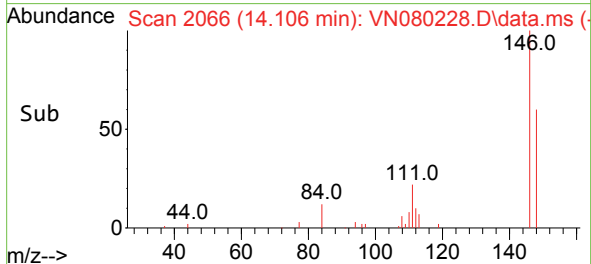


#91
1,2-Dichlorobenzene
Concen: 18.562 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31

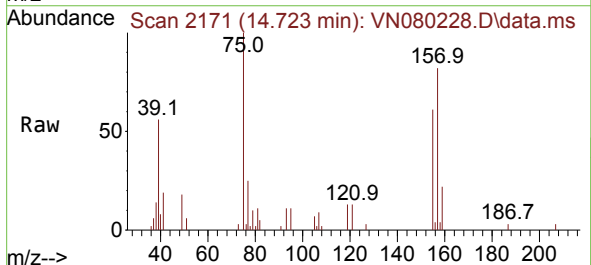
Instrument :
MSVOA_N
ClientSampleId :



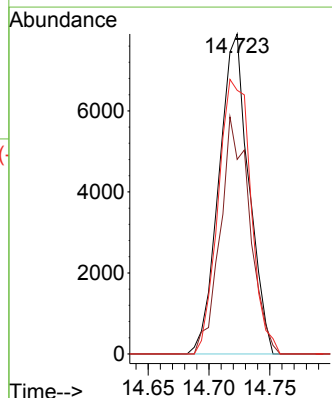
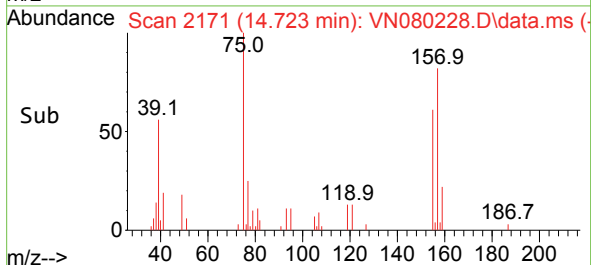
Tgt Ion:146 Resp: 91561
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 62.9 31.8 95.3

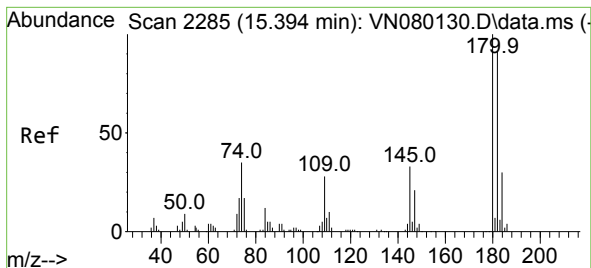


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.109 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080228.D
Acq: 21 Nov 2023 13:31



Tgt Ion: 75 Resp: 13497
Ion Ratio Lower Upper
75 100
155 72.8 39.1 117.2
157 93.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.941 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

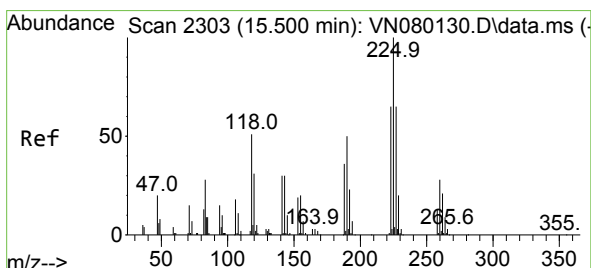
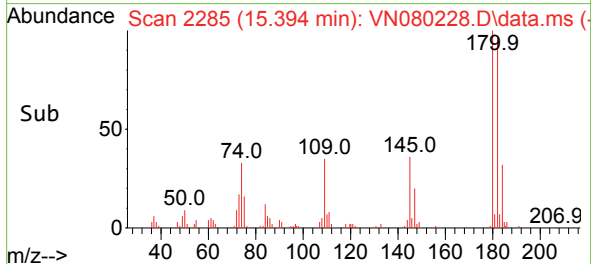
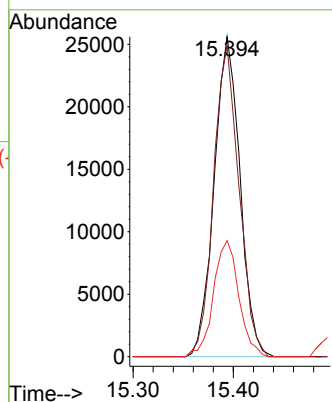
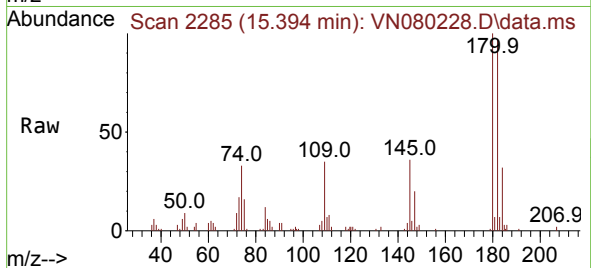
Tgt Ion:180 Resp: 45731

Ion Ratio Lower Upper

180 100

182 95.7 46.1 138.2

145 35.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 17.055 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

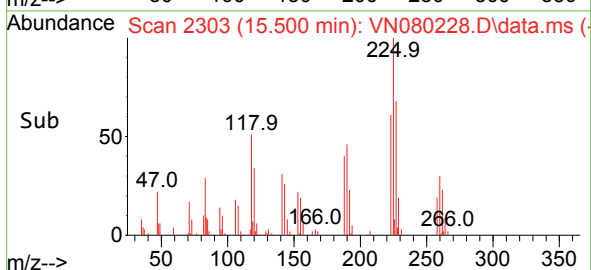
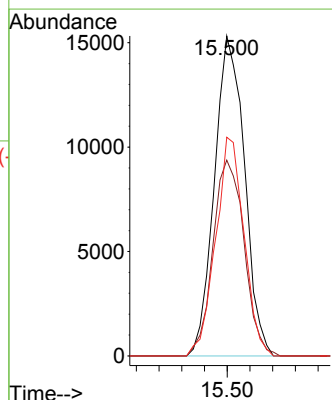
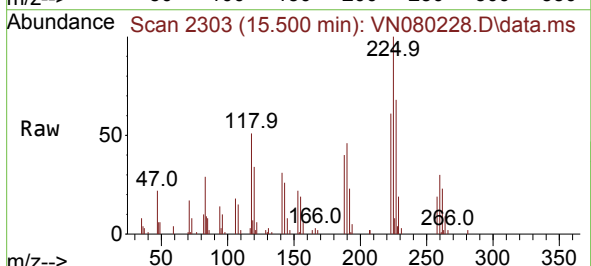
Tgt Ion:225 Resp: 28157

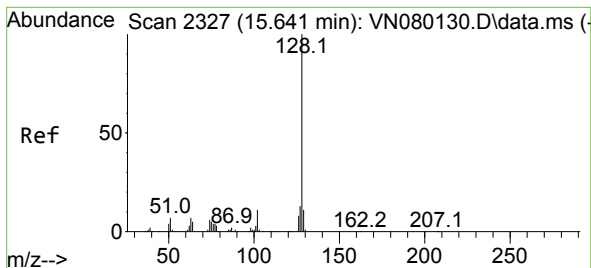
Ion Ratio Lower Upper

225 100

223 63.3 31.3 93.8

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 14.310 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

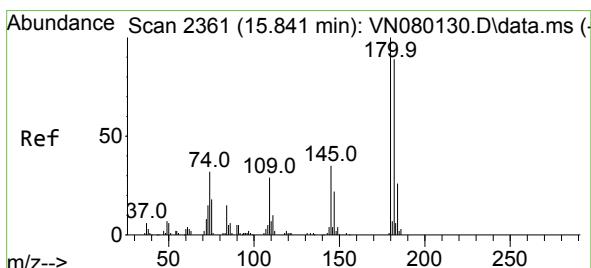
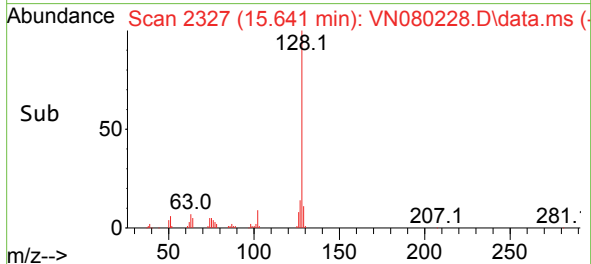
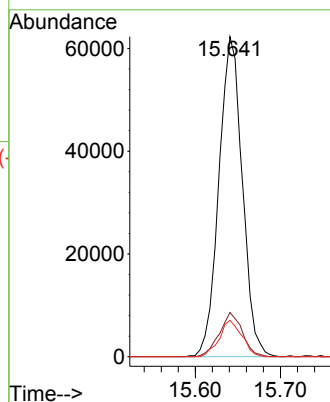
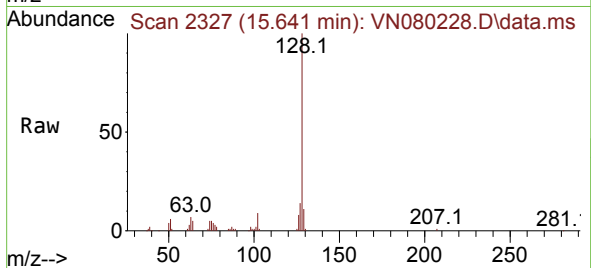
Tgt Ion:128 Resp: 119044

Ion Ratio Lower Upper

128 100

127 13.6 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.100 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080228.D

Acq: 21 Nov 2023 13:31

Tgt Ion:180 Resp: 43294

Ion Ratio Lower Upper

180 100

182 97.7 46.2 138.6

145 38.0 17.5 52.6

