

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080380.D
 Acq On : 06 Dec 2023 12:49
 Operator : JC\MD
 Sample : VN1206WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 07 00:57:30 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	8.224	168	214316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142593	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168226	47.539	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.080%
35) Dibromofluoromethane	8.165	113	124838	51.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.900%
50) Toluene-d8	10.571	98	428069	49.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.847	95	163563	49.993	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	59446	18.621	ug/l	99
3) Chloromethane	2.359	50	41440	17.266	ug/l	99
4) Vinyl Chloride	2.512	62	44627	17.570	ug/l	95
5) Bromomethane	2.959	94	31599	18.326	ug/l	90
6) Chloroethane	3.124	64	30032	18.016	ug/l	94
7) Trichlorofluoromethane	3.501	101	104723	19.765	ug/l	95
8) Diethyl Ether	3.959	74	29550	19.176	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.377	101	45827	18.923	ug/l	90
10) Methyl Iodide	4.589	142	49177	18.789	ug/l #	86
11) Tert butyl alcohol	5.512	59	35846	92.114	ug/l #	93
12) 1,1-Dichloroethene	4.336	96	43697	19.291	ug/l	92
13) Acrolein	4.177	56	43041	124.978	ug/l	97
14) Allyl chloride	5.030	41	50586	17.750	ug/l	91
15) Acrylonitrile	5.712	53	99572	95.314	ug/l	98
16) Acetone	4.424	43	90064	75.776	ug/l	92
17) Carbon Disulfide	4.712	76	113421	16.769	ug/l	99
18) Methyl Acetate	5.018	43	69289	18.144	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	161734	20.218	ug/l	98
20) Methylene Chloride	5.271	84	51827	20.822	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	48456	19.472	ug/l #	84
22) Diisopropyl ether	6.671	45	125248	19.864	ug/l	95
23) Vinyl Acetate	6.600	43	350861	92.559	ug/l	97
24) 1,1-Dichloroethane	6.565	63	88726	19.320	ug/l	97
25) 2-Butanone	7.477	43	116061	82.187	ug/l	88
26) 2,2-Dichloropropane	7.494	77	87374	19.177	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	55556	19.691	ug/l	86
28) Bromochloromethane	7.818	49	32208	17.840	ug/l	99
29) Tetrahydrofuran	7.841	42	71422	94.206	ug/l	94
30) Chloroform	7.965	83	106313	20.712	ug/l	95
31) Cyclohexane	8.259	56	67243	17.473	ug/l	86
32) 1,1,1-Trichloroethane	8.165	97	101575	20.292	ug/l	99
36) 1,1-Dichloropropene	8.371	75	69503	19.978	ug/l	96
37) Ethyl Acetate	7.559	43	46702	19.354	ug/l	98
38) Carbon Tetrachloride	8.365	117	90793	20.566	ug/l	96
39) Methylcyclohexane	9.600	83	64234	19.149	ug/l #	89
40) Benzene	8.606	78	207091	20.945	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26458	19.965	ug/l	92
42) 1,2-Dichloroethane	8.671	62	86479	21.378	ug/l	95
43) Isopropyl Acetate	8.688	43	81139	17.279	ug/l	97
44) Trichloroethene	9.353	130	55509	21.402	ug/l	91
45) 1,2-Dichloropropane	9.624	63	46938	20.428	ug/l	94
46) Dibromomethane	9.712	93	37273	21.429	ug/l #	86
47) Bromodichloromethane	9.888	83	84208	22.009	ug/l	96
48) Methyl methacrylate	9.682	41	48109	19.880	ug/l	91
49) 1,4-Dioxane	9.694	88	14560	361.663	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	236580	97.313	ug/l	97
52) Toluene	10.629	92	132039	21.339	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	83293	21.189	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	86741	21.598	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	50589	21.421	ug/l	97
56) Ethyl methacrylate	10.871	69	49730	20.612	ug/l #	89
57) 1,3-Dichloropropane	11.165	76	86720	21.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	122082	89.817	ug/l	99
59) 2-Hexanone	11.194	43	173582	88.854	ug/l	97
60) Dibromochloromethane	11.359	129	62532	22.116	ug/l	99
61) 1,2-Dibromoethane	11.471	107	51095	21.207	ug/l	97
64) Tetrachloroethene	11.106	164	56418	24.717	ug/l	96
65) Chlorobenzene	11.894	112	138168	20.387	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	58355	22.189	ug/l	94
67) Ethyl Benzene	11.965	91	244077	20.239	ug/l	97
68) m/p-Xylenes	12.071	106	188494	42.869	ug/l	93
69) o-Xylene	12.400	106	87548	21.128	ug/l	89
70) Styrene	12.412	104	129236	20.954	ug/l	93
71) Bromoform	12.576	173	42434	21.757	ug/l #	100
73) Isopropylbenzene	12.694	105	225637	20.363	ug/l	100
74) N-amyl acetate	12.494	43	61560	17.815	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	65129	19.639	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	89250	25.545	ug/l	74
77) Bromobenzene	12.982	156	56978	20.396	ug/l	95
78) n-propylbenzene	13.035	91	250210	20.194	ug/l	100
79) 2-Chlorotoluene	13.129	91	165510	20.566	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	199810	20.715	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	18189	17.589	ug/l #	78
82) 4-Chlorotoluene	13.223	91	171585	20.812	ug/l	97
83) tert-Butylbenzene	13.441	119	157276	20.333	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	200102	21.068	ug/l	97
85) sec-Butylbenzene	13.618	105	198630	20.299	ug/l	99
86) p-Isopropyltoluene	13.729	119	180805	20.685	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	102140	20.293	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	101093	19.986	ug/l	98
89) n-Butylbenzene	14.059	91	139803	19.109	ug/l	99
90) Hexachloroethane	14.335	117	33640	19.741	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	97766	20.298	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12895	16.740	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	48904	17.458	ug/l	98
94) Hexachlorobutadiene	15.506	225	30362	18.834	ug/l	98
95) Naphthalene	15.641	128	129429	15.933	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45804	17.444	ug/l	98

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

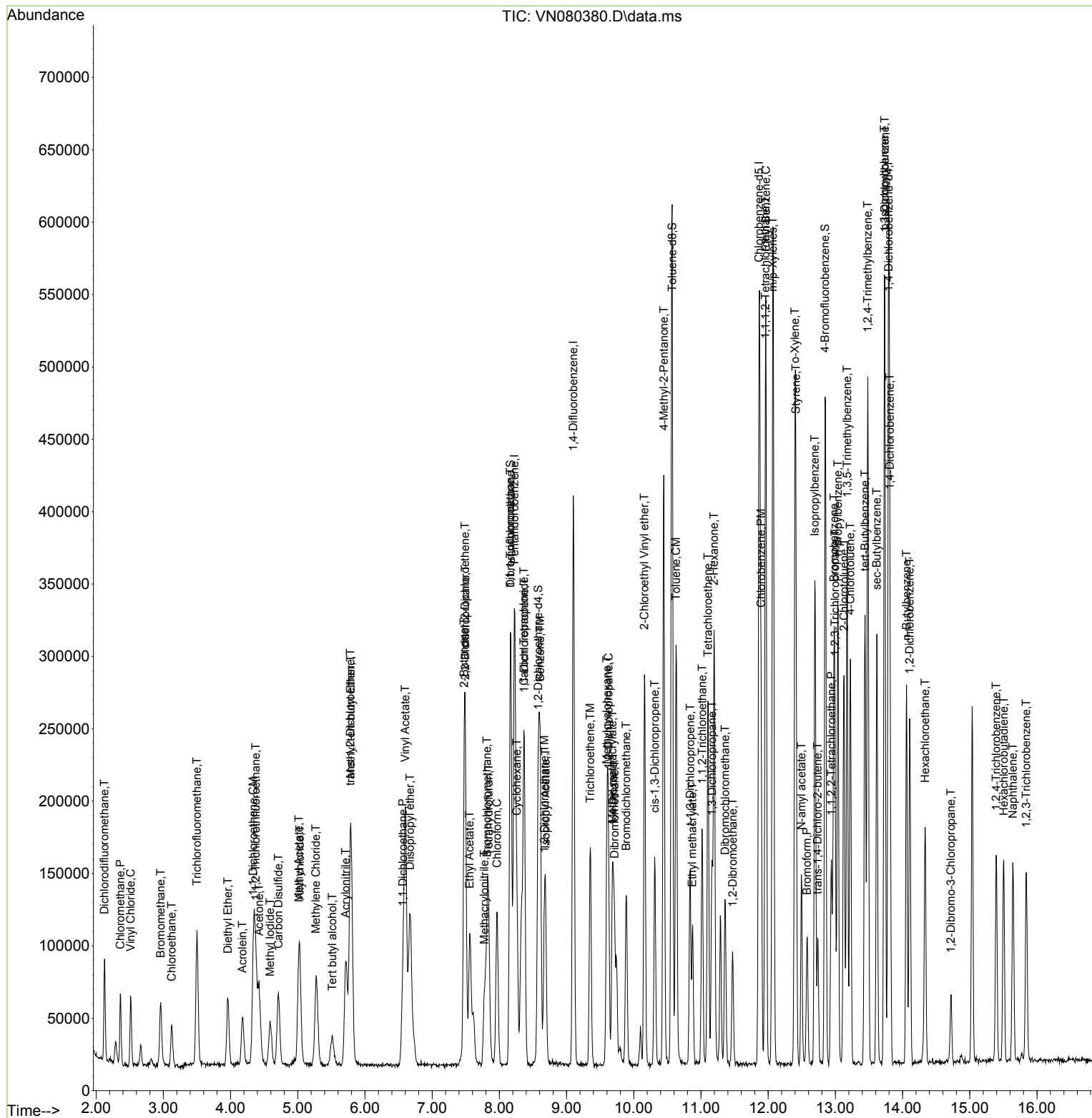
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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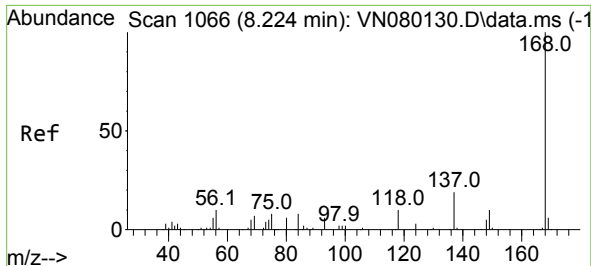
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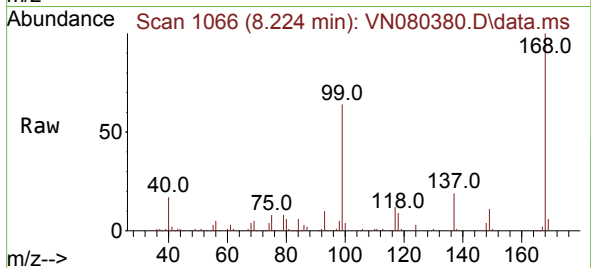
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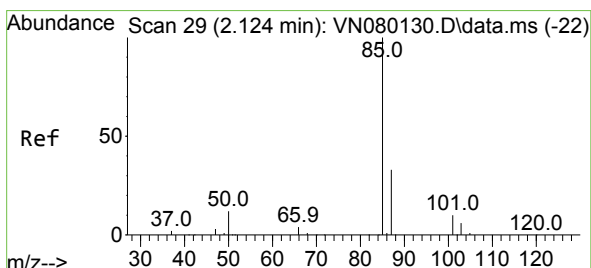
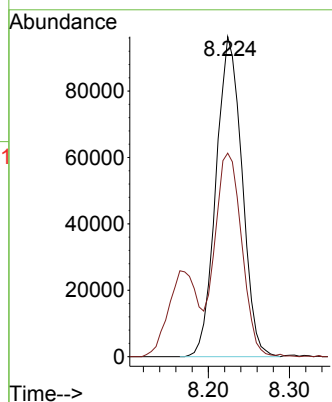
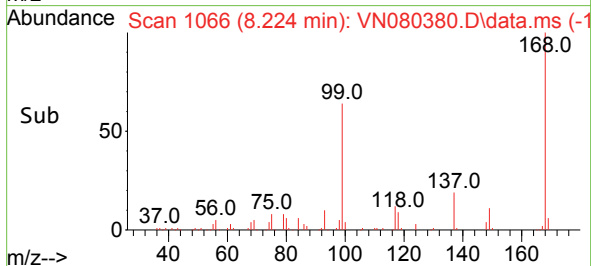


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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ClientSampleId :

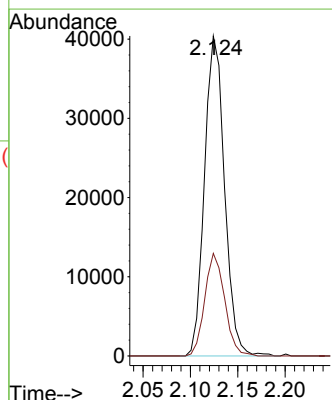
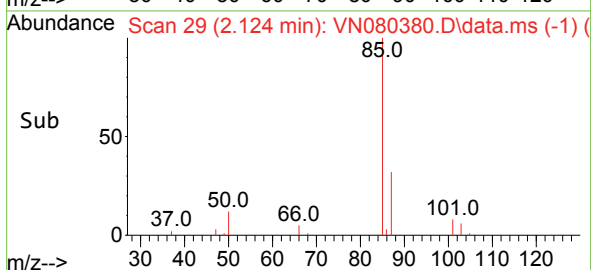
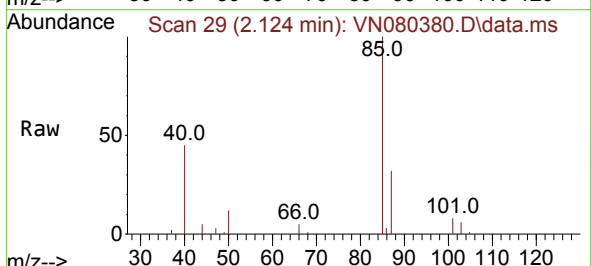


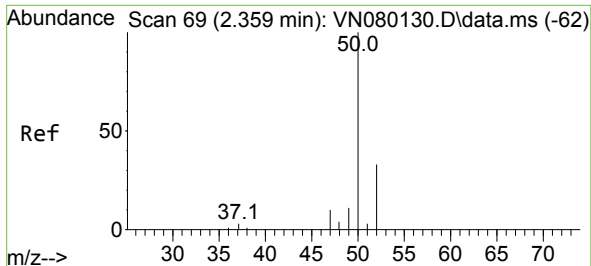
Tgt Ion:168 Resp: 214316
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 18.621 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion: 85 Resp: 59446
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4

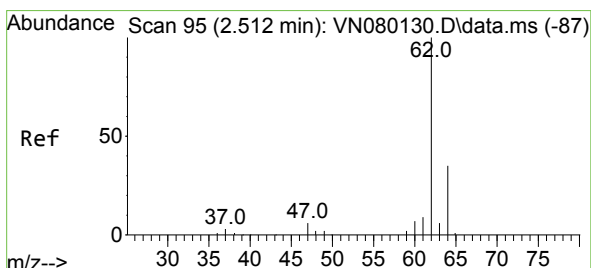
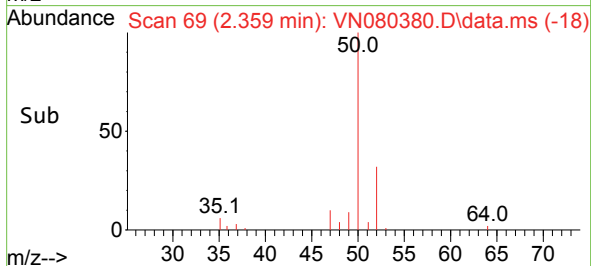
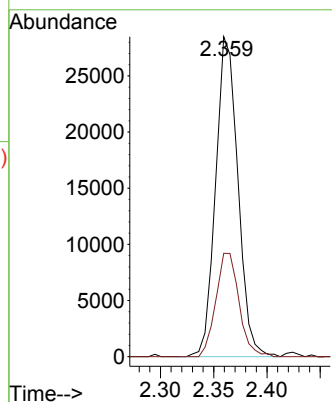
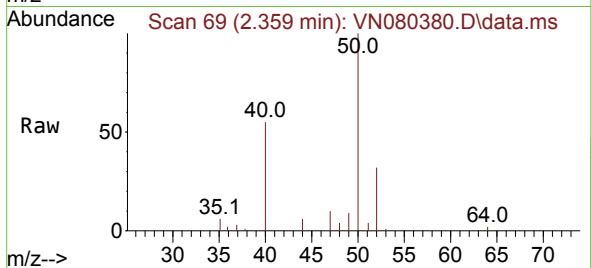




#3
Chloromethane
Concen: 17.266 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

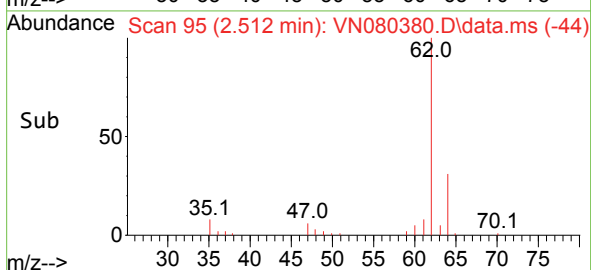
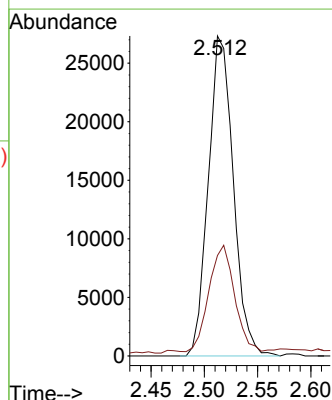
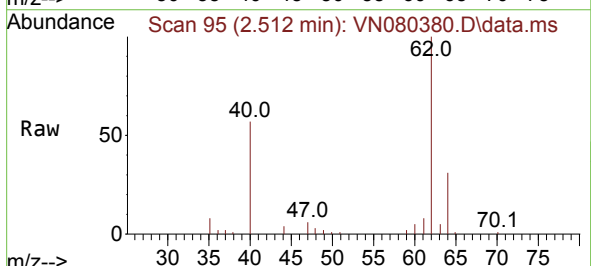
Instrument :
MSVOA_N
ClientSampleId :

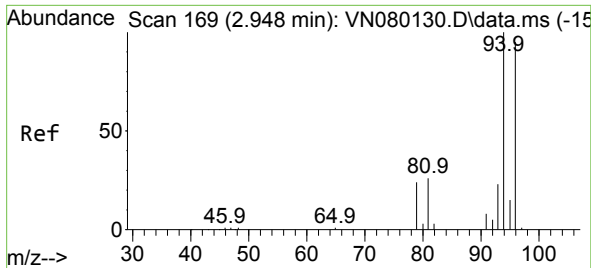
Tgt Ion: 50 Resp: 41440
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7



#4
Vinyl Chloride
Concen: 17.570 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion: 62 Resp: 44627
Ion Ratio Lower Upper
62 100
64 30.0 26.2 39.2

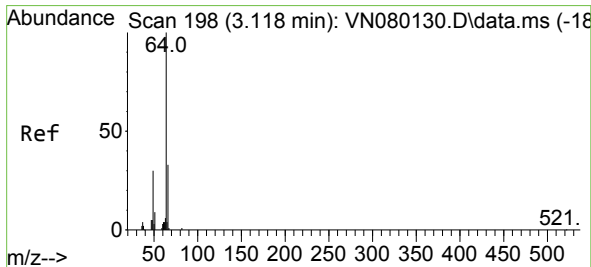
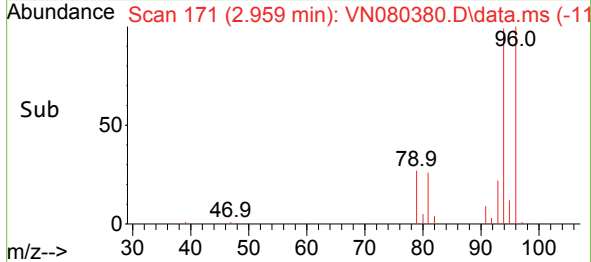
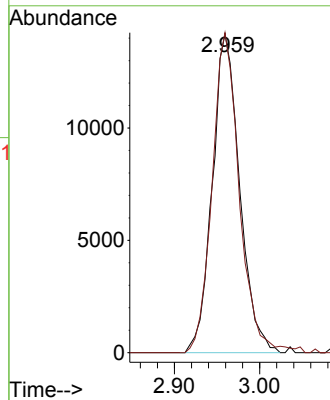
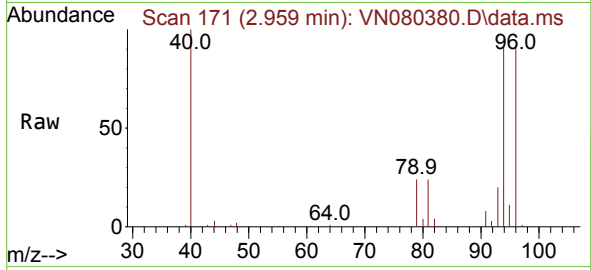




#5
Bromomethane
Concen: 18.326 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

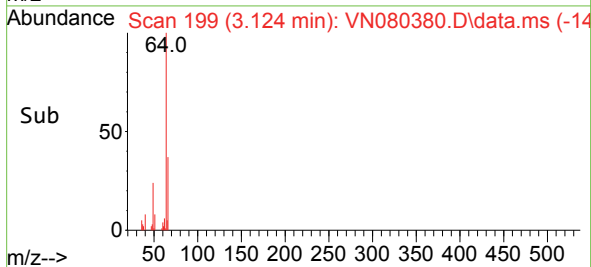
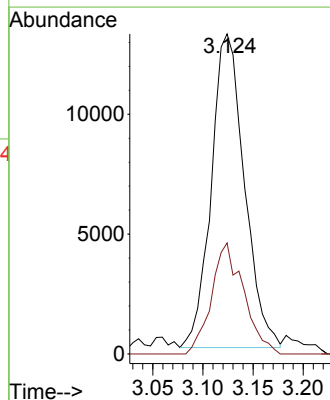
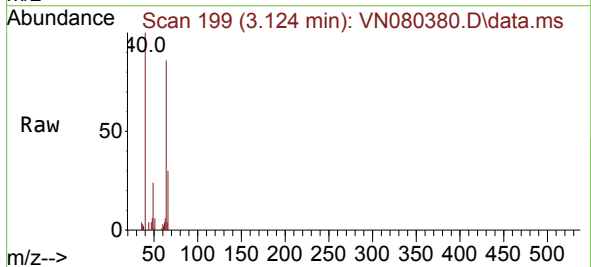
Instrument :
MSVOA_N
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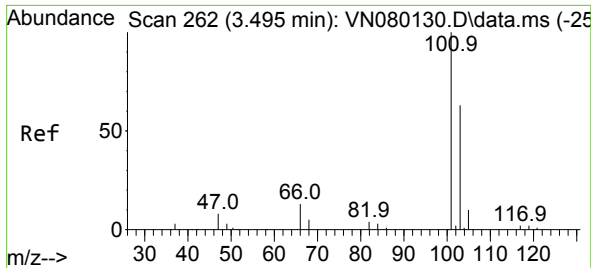
Tgt Ion: 94 Resp: 31599
Ion Ratio Lower Upper
94 100
96 100.5 73.1 109.7



#6
Chloroethane
Concen: 18.016 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion: 64 Resp: 30032
Ion Ratio Lower Upper
64 100
66 35.4 25.4 38.2

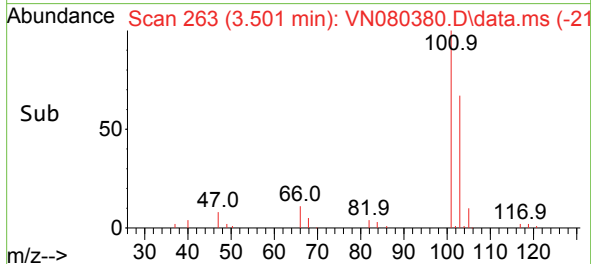
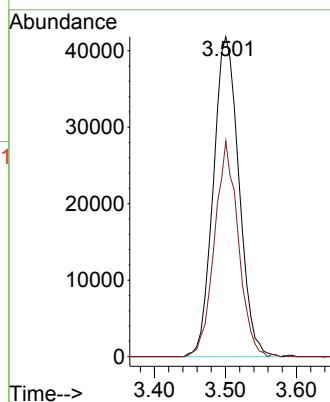
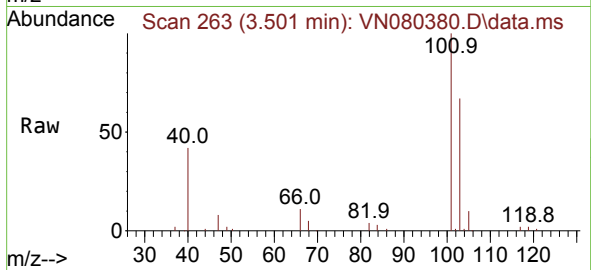




#7
 Trichlorofluoromethane
 Concen: 19.765 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN080380.D
 Acq: 06 Dec 2023 12:49

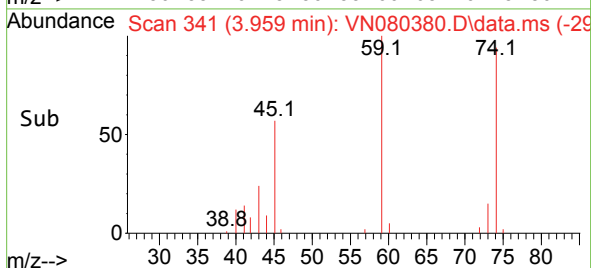
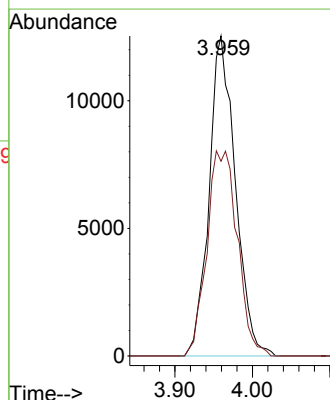
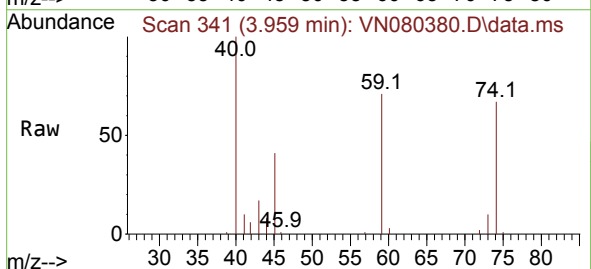
Instrument :
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 ClientSampleId :

Tgt Ion:101 Resp: 104723
 Ion Ratio Lower Upper
 101 100
 103 67.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.176 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN080380.D
 Acq: 06 Dec 2023 12:49

Tgt Ion: 74 Resp: 29550
 Ion Ratio Lower Upper
 74 100
 45 74.4 34.4 103.3

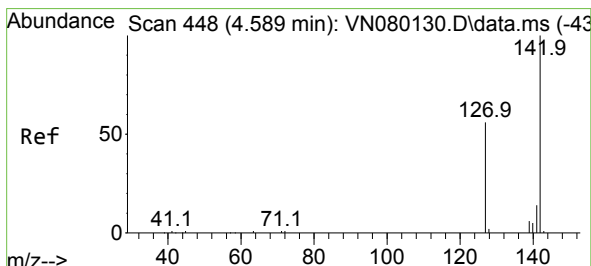
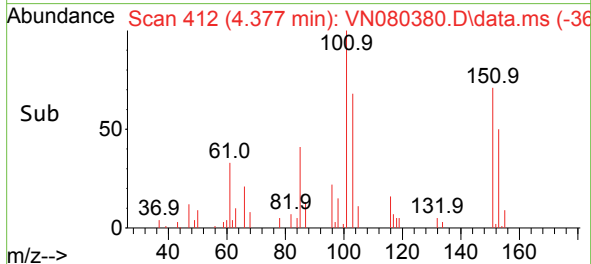
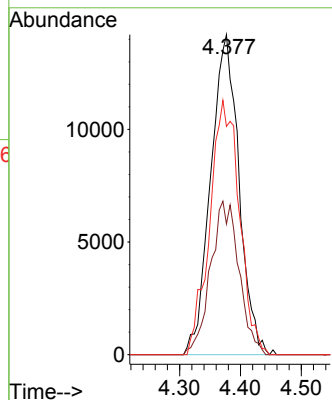
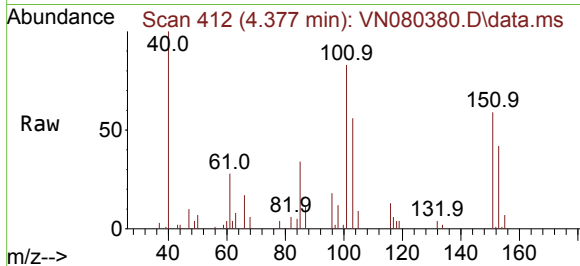




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.923 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080380.D
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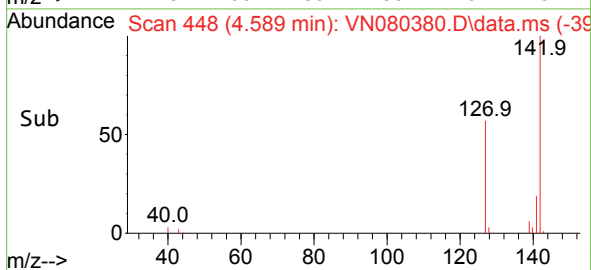
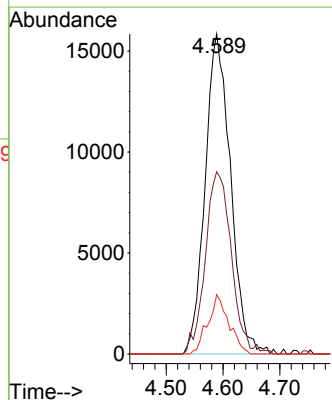
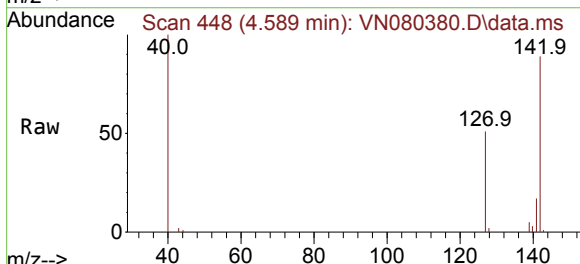
Instrument :
MSVOA_N
ClientSampleId :

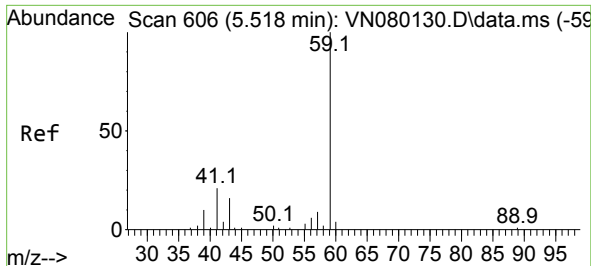
Tgt Ion:101 Resp: 45827
Ion Ratio Lower Upper
101 100
85 48.2 36.6 55.0
151 83.6 57.6 86.4



#10
Methyl Iodide
Concen: 18.789 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion:142 Resp: 49177
Ion Ratio Lower Upper
142 100
127 56.9 37.6 56.4#
141 18.6 11.4 17.0#

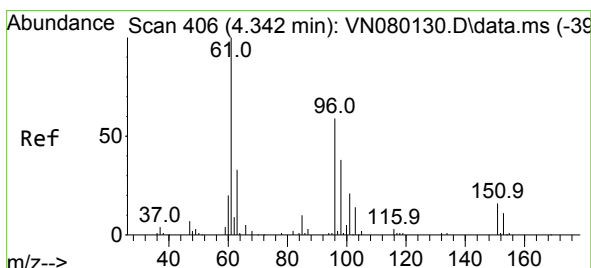
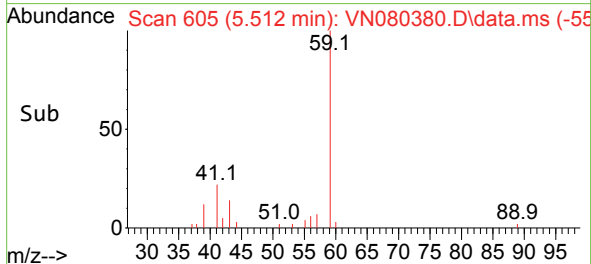
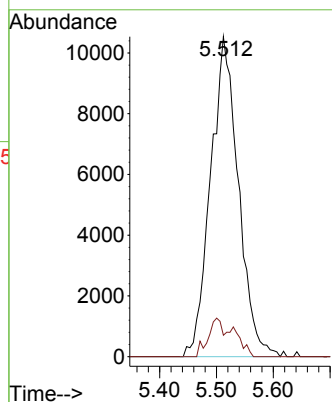
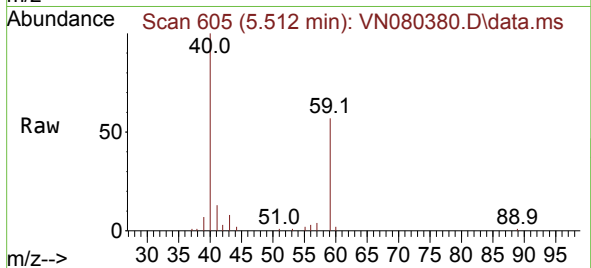




#11
Tert butyl alcohol
Concen: 92.114 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

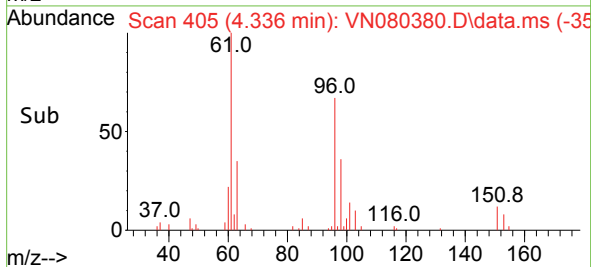
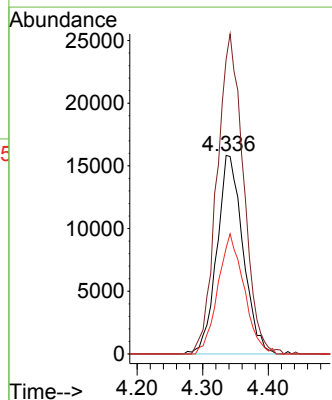
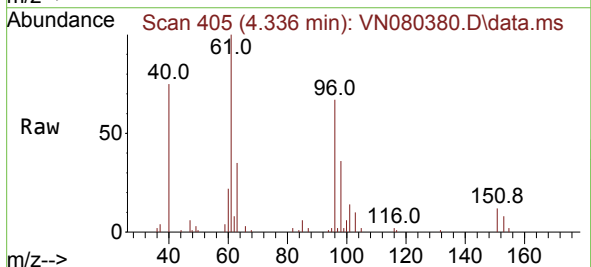
Instrument :
MSVOA_N
ClientSampleId :

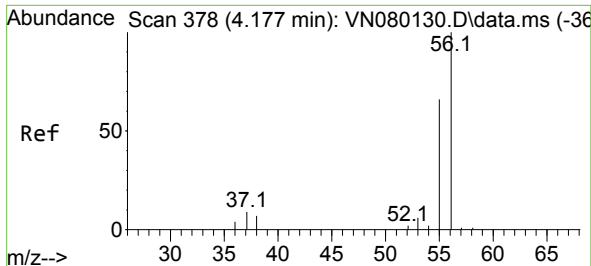
Tgt Ion: 59 Resp: 35846
Ion Ratio Lower Upper
59 100
57 7.8 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 19.291 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

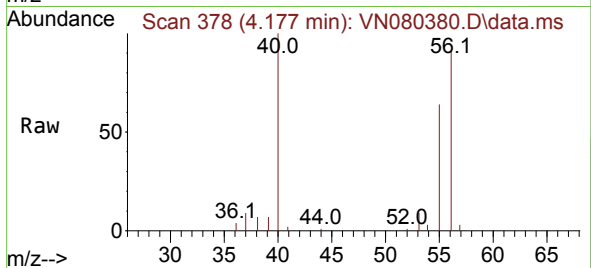
Tgt Ion: 96 Resp: 43697
Ion Ratio Lower Upper
96 100
61 148.4 112.7 169.1
98 53.4 51.2 76.8



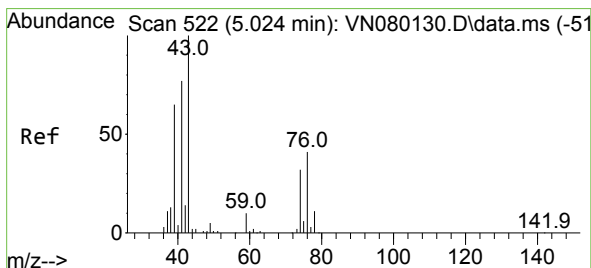
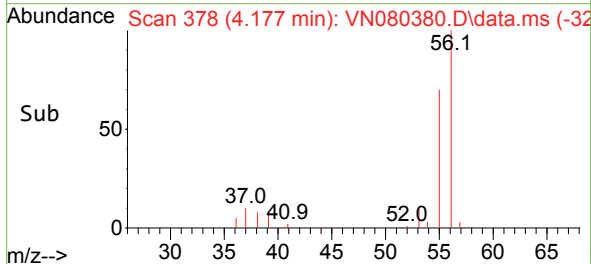
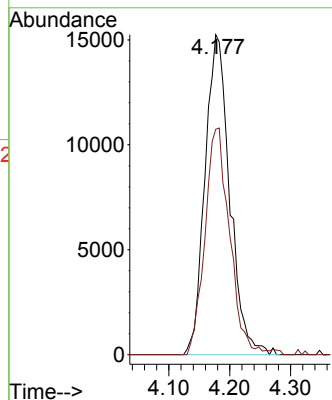


#13
Acrolein
Concen: 124.978 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :

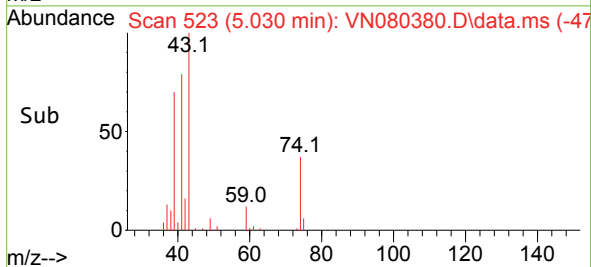
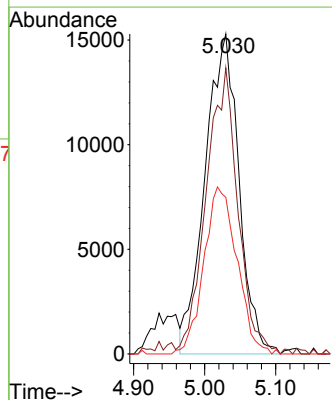
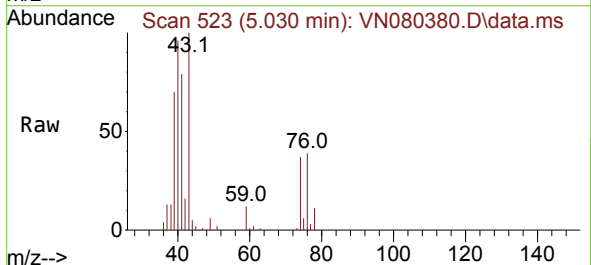


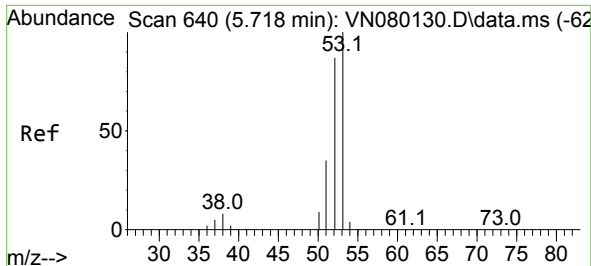
Tgt Ion: 56 Resp: 43041
Ion Ratio Lower Upper
56 100
55 70.5 54.5 81.7



#14
Allyl chloride
Concen: 17.750 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

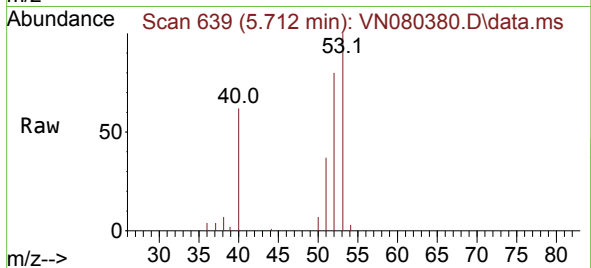
Tgt Ion: 41 Resp: 50586
Ion Ratio Lower Upper
41 100
39 83.6 58.8 88.2
76 51.3 39.1 58.7



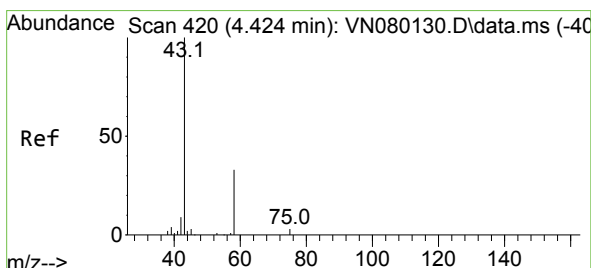
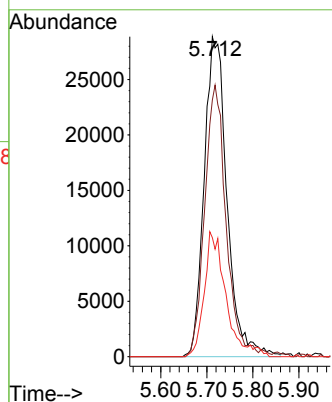


#15
Acrylonitrile
Concen: 95.314 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :

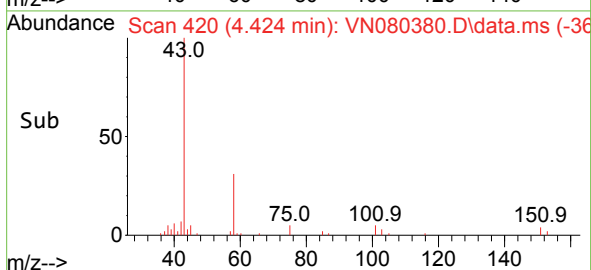
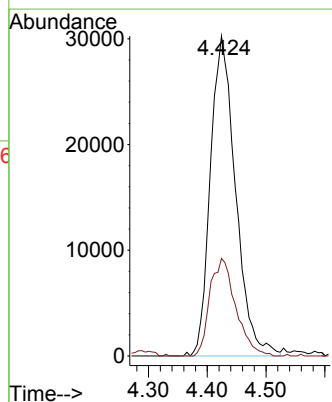
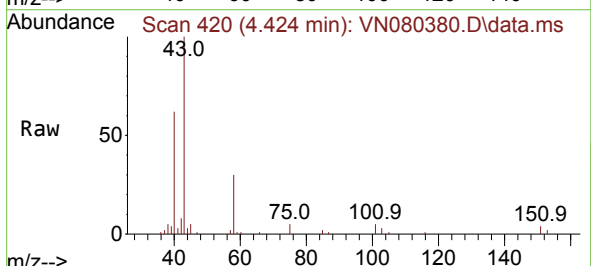


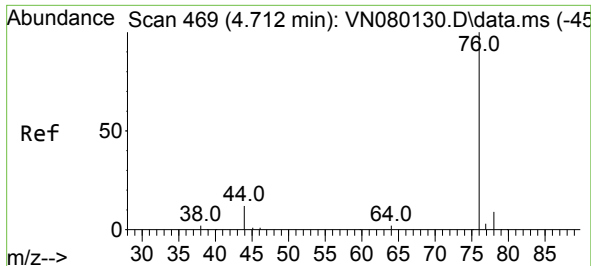
Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.1	65.3	97.9
51	37.1	28.9	43.3



#16
Acetone
Concen: 75.776 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

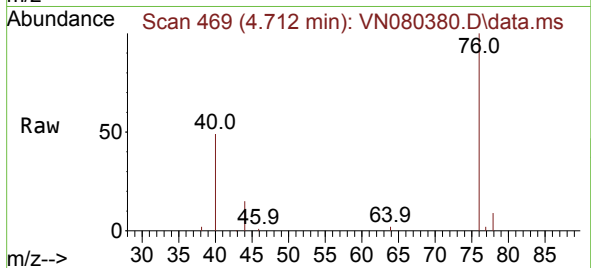
Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.5	28.0	42.0



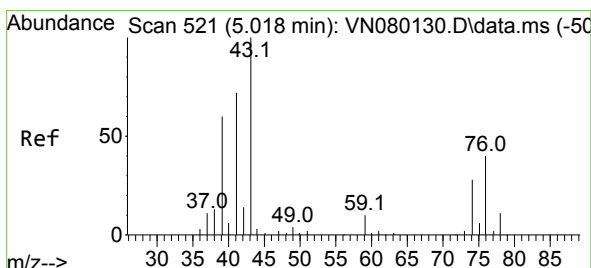
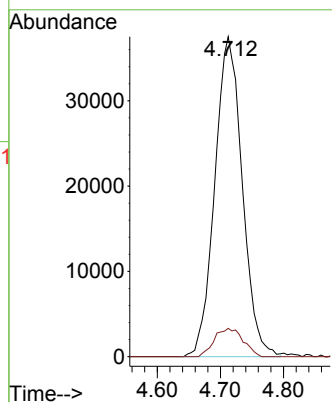
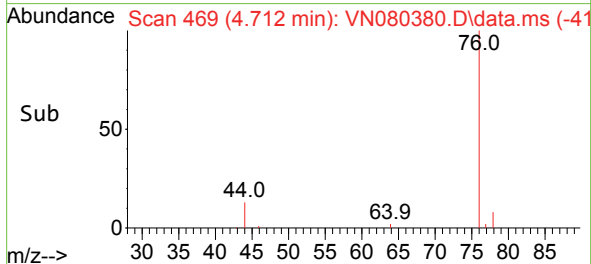


#17
Carbon Disulfide
Concen: 16.769 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :

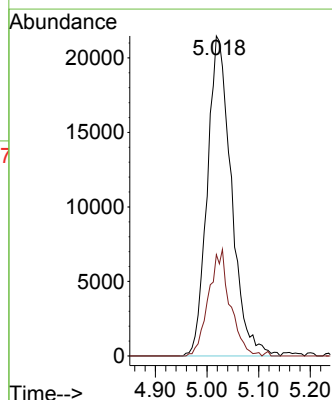
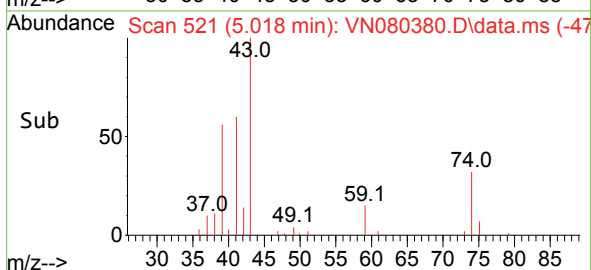
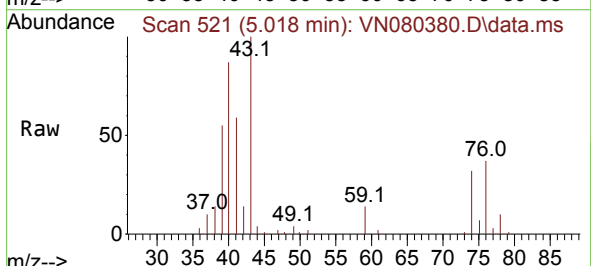


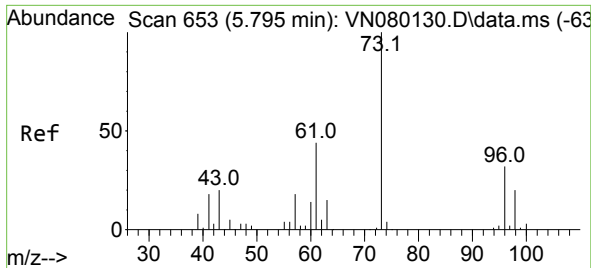
Tgt Ion: 76 Resp: 113421
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 18.144 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion: 43 Resp: 69289
Ion Ratio Lower Upper
43 100
74 29.9 26.2 39.4

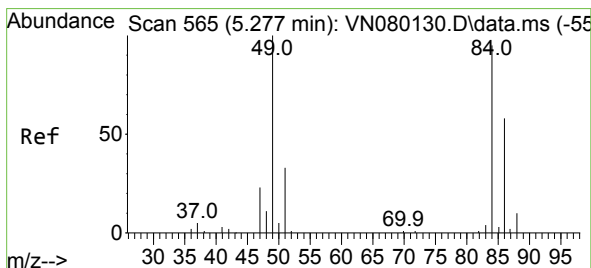
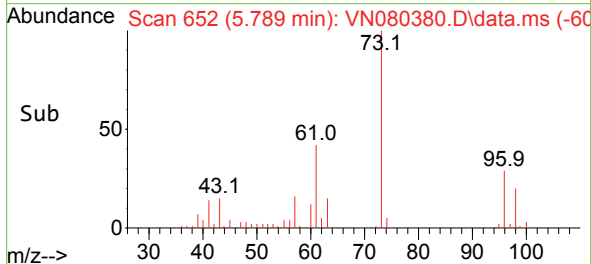
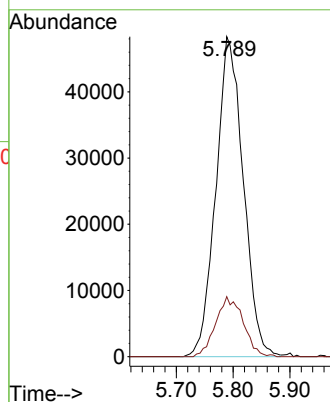
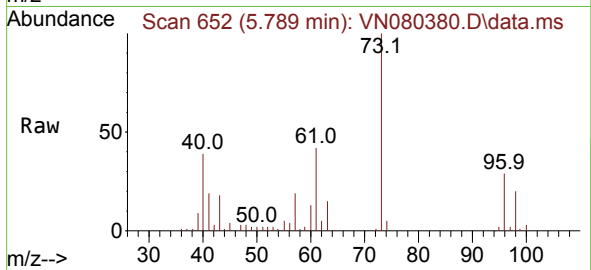




#19
Methyl tert-butyl Ether
Concen: 20.218 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

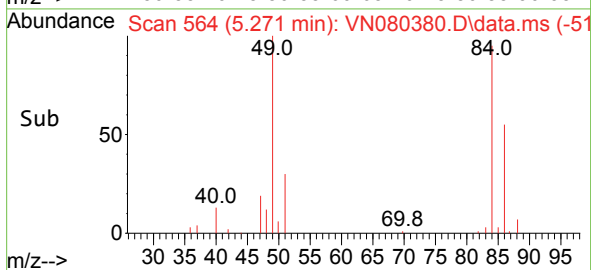
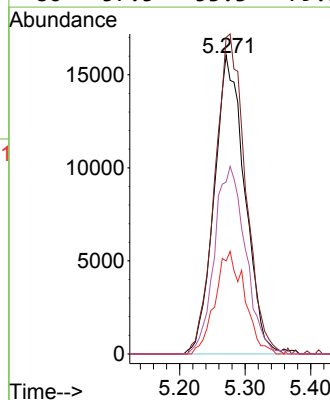
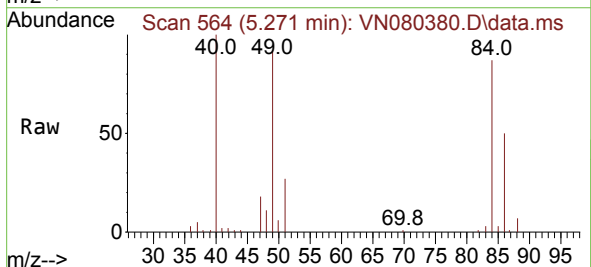
Instrument :
MSVOA_N
ClientSampleId :

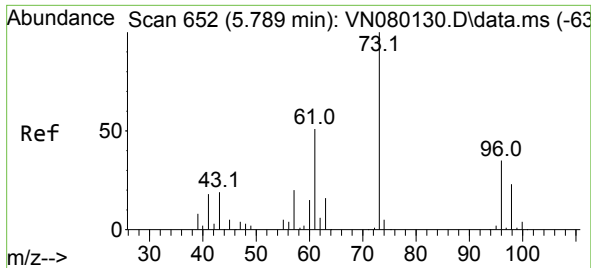
Tgt Ion: 73 Resp: 161734
Ion Ratio Lower Upper
73 100
57 18.8 15.6 23.4



#20
Methylene Chloride
Concen: 20.822 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion: 84 Resp: 51827
Ion Ratio Lower Upper
84 100
49 105.9 79.7 119.5
51 31.1 25.2 37.8
86 57.5 53.3 79.9

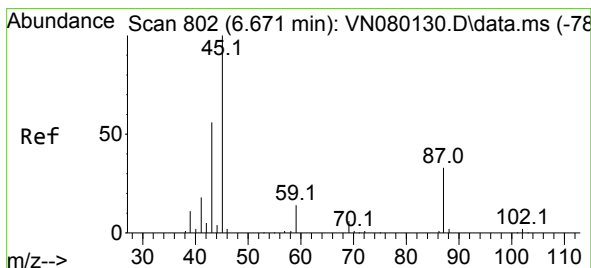
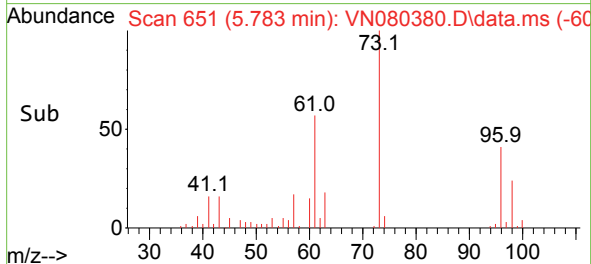
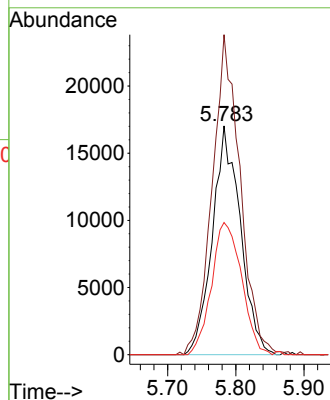
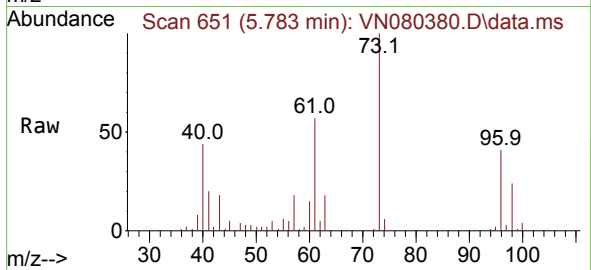




#21
trans-1,2-Dichloroethene
Concen: 19.472 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

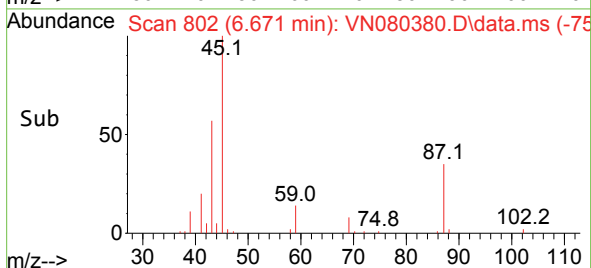
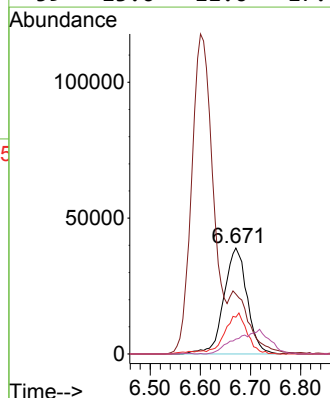
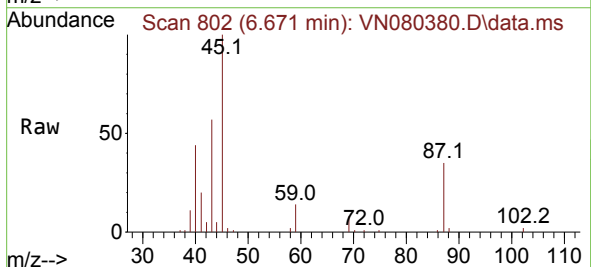
Instrument :
MSVOA_N
ClientSampleId :

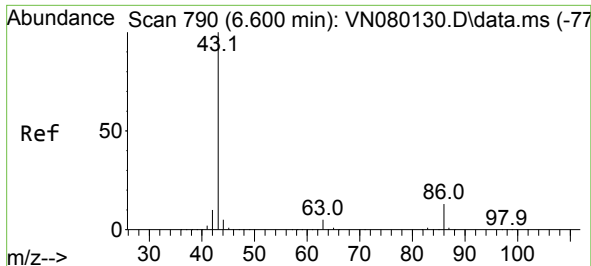
Tgt Ion: 96 Resp: 48456
Ion Ratio Lower Upper
96 100
61 138.7 90.1 135.1#
98 57.7 46.4 69.6



#22
Diisopropyl ether
Concen: 19.864 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion: 45 Resp: 125248
Ion Ratio Lower Upper
45 100
43 53.8 45.5 68.3
87 34.8 31.8 47.8
59 13.6 11.6 17.4

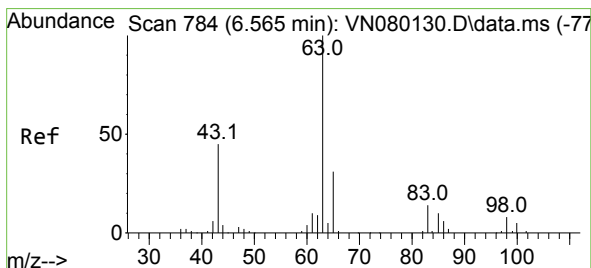
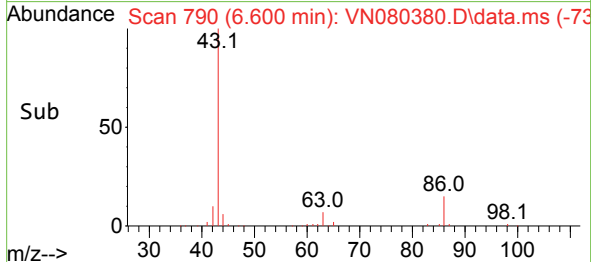
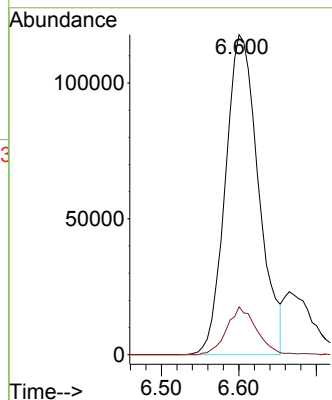
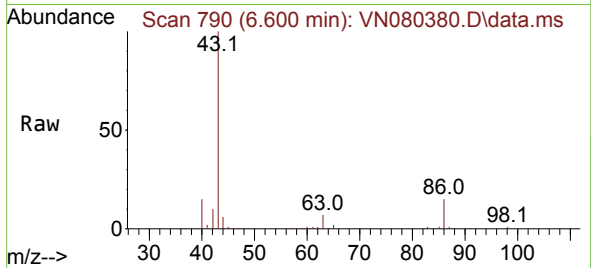




#23
 Vinyl Acetate
 Concen: 92.559 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080380.D
 Acq: 06 Dec 2023 12:49

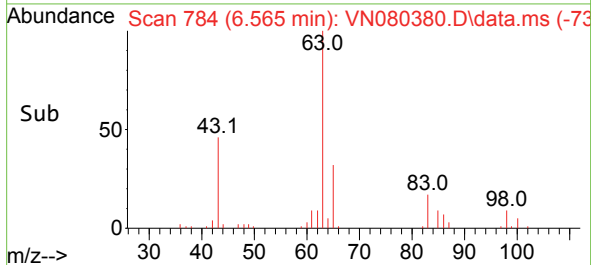
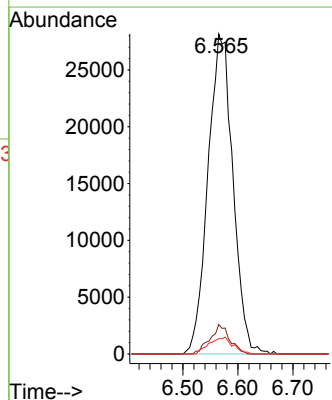
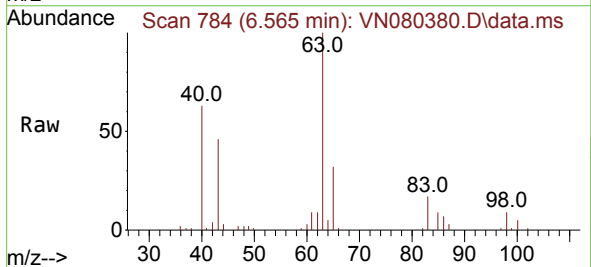
Instrument :
 MSVOA_N
 ClientSampleId :

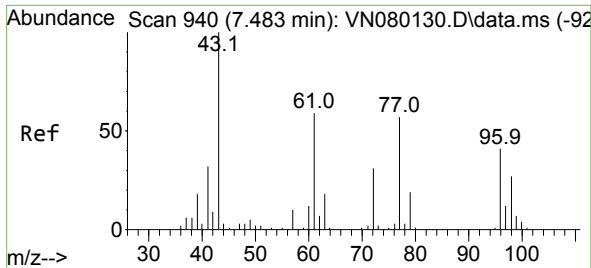
Tgt Ion: 43 Resp: 350861
 Ion Ratio Lower Upper
 43 100
 86 15.0 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 19.320 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080380.D
 Acq: 06 Dec 2023 12:49

Tgt Ion: 63 Resp: 88726
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.9 11.7
 100 4.8 2.5 7.4

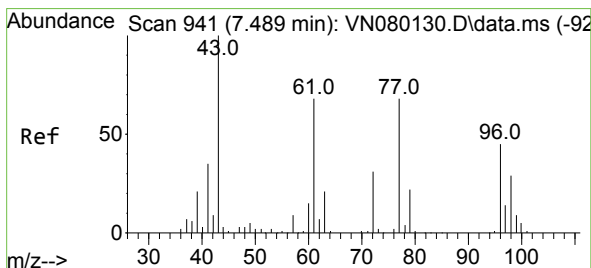
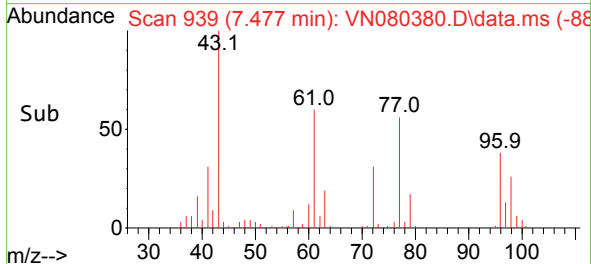
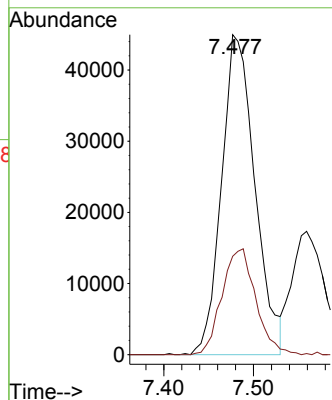
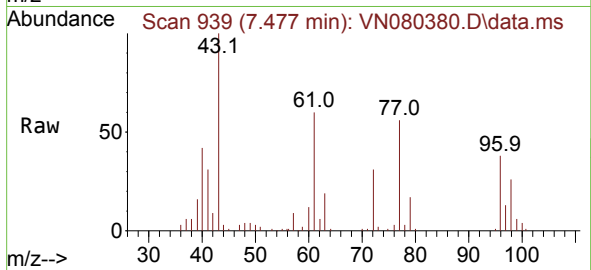




#25
2-Butanone
Concen: 82.187 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

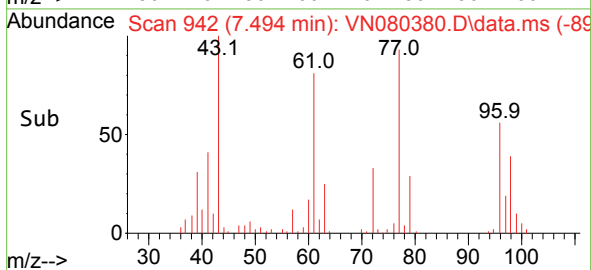
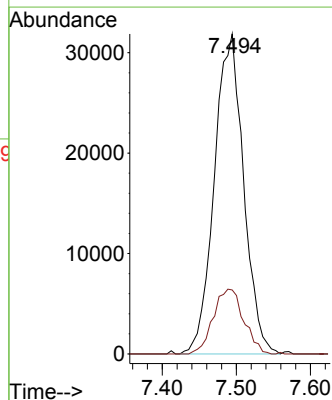
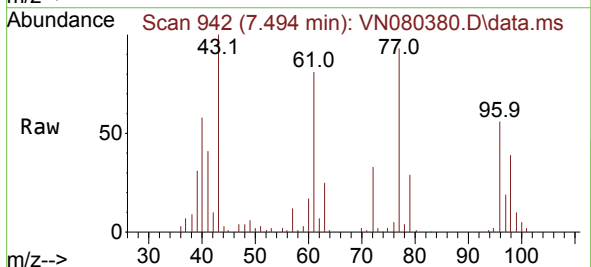
Instrument :
MSVOA_N
ClientSampleId :

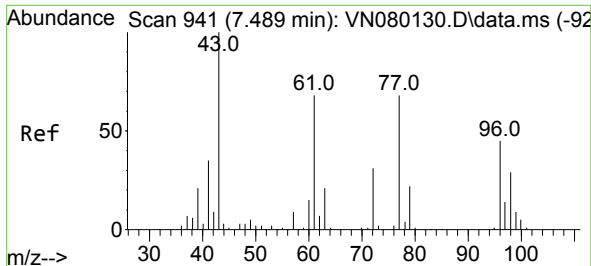
Tgt Ion: 43 Resp: 116061
Ion Ratio Lower Upper
43 100
72 30.8 30.2 45.2



#26
2,2-Dichloropropane
Concen: 19.177 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion: 77 Resp: 87374
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6

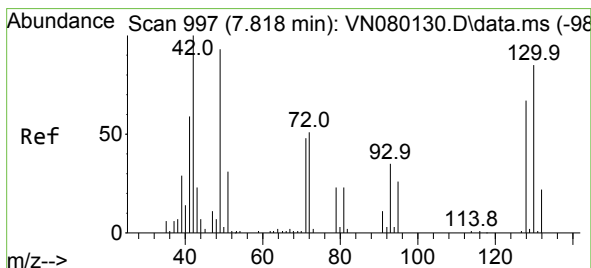
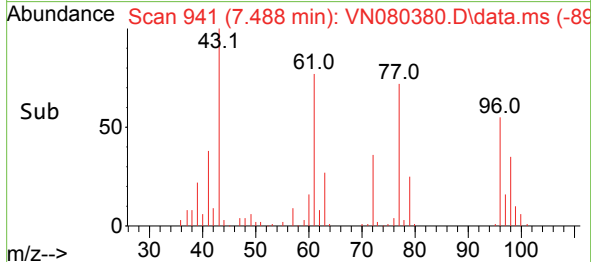
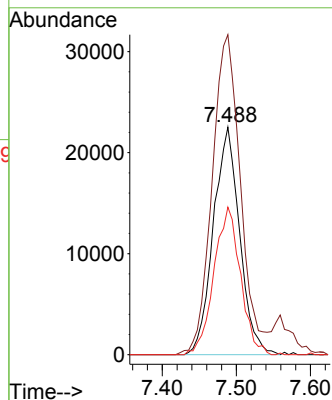
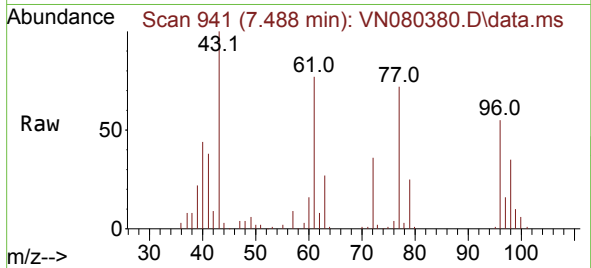




#27
 cis-1,2-Dichloroethene
 Concen: 19.691 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080380.D
 Acq: 06 Dec 2023 12:49

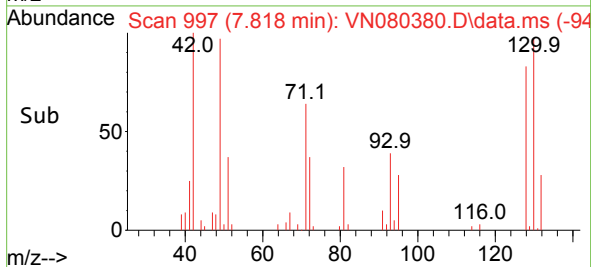
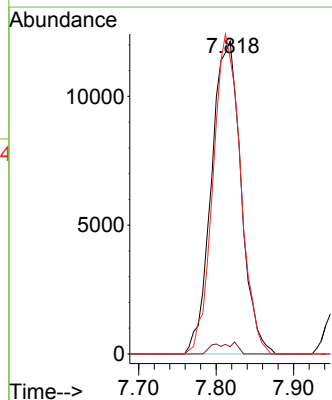
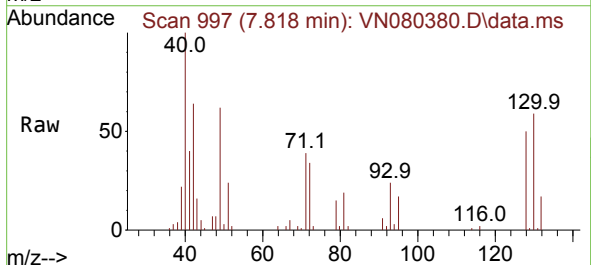
Instrument :
 MSVOA_N
 ClientSampleId :

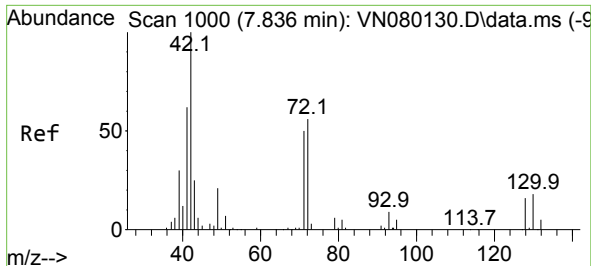
Tgt Ion: 96 Resp: 55556
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 255.2
 98 65.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 17.840 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080380.D
 Acq: 06 Dec 2023 12:49

Tgt Ion: 49 Resp: 32208
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 95.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 94.206 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080380.D

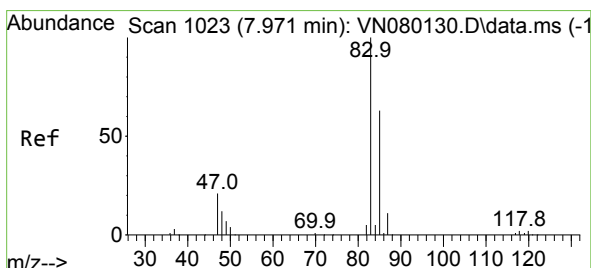
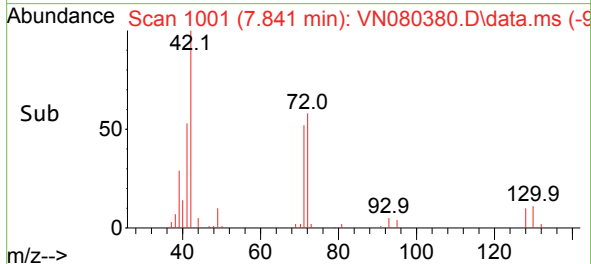
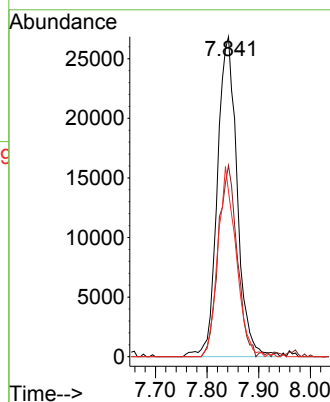
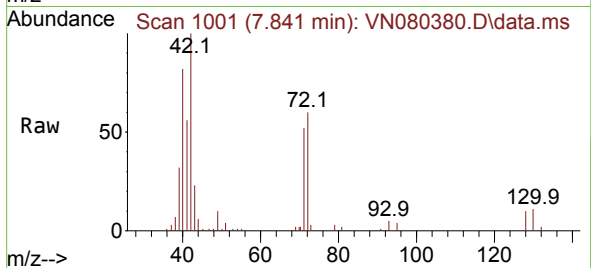
Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	42	Resp:	71422
Ion	Ratio	Lower	Upper
42	100		
72	57.1	49.8	74.6
71	54.8	47.4	71.2



#30

Chloroform

Concen: 20.712 ug/l

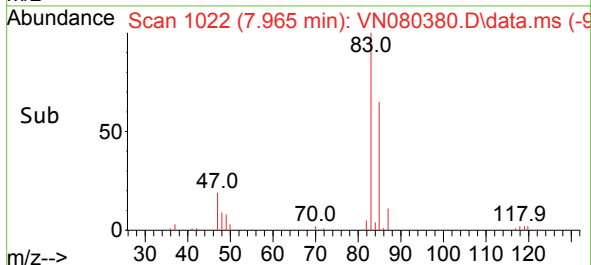
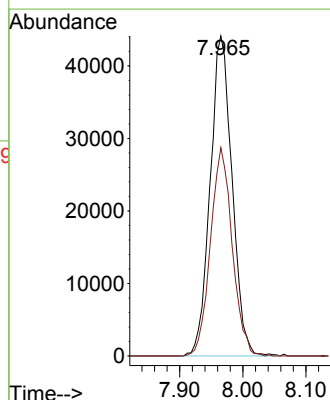
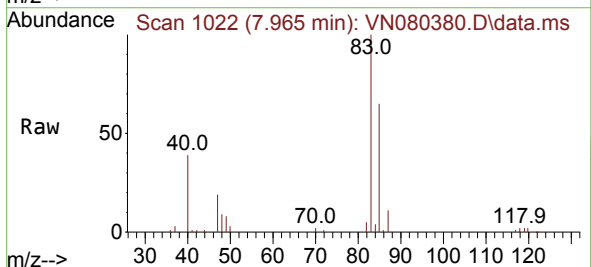
RT: 7.965 min Scan# 1022

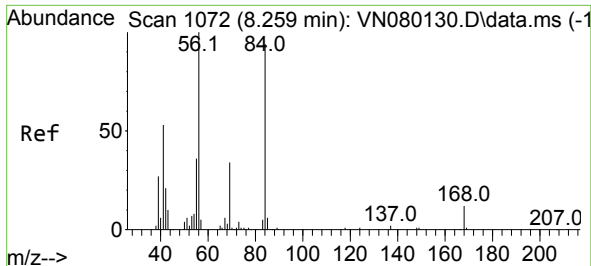
Delta R.T. -0.006 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

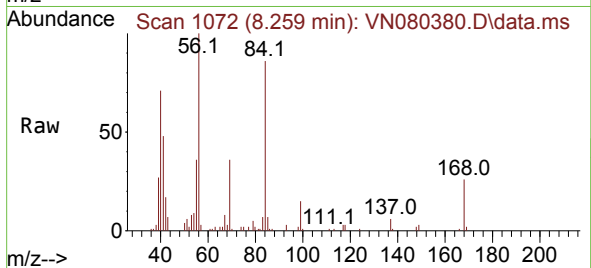
Tgt Ion:	83	Resp:	106313
Ion	Ratio	Lower	Upper
83	100		
85	65.1	55.4	83.0



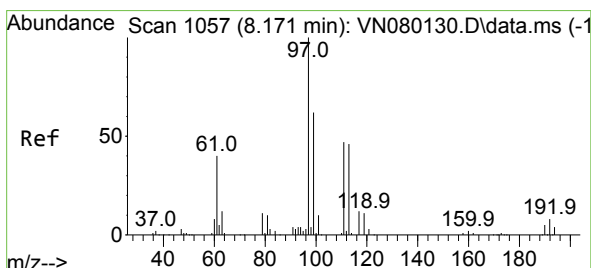
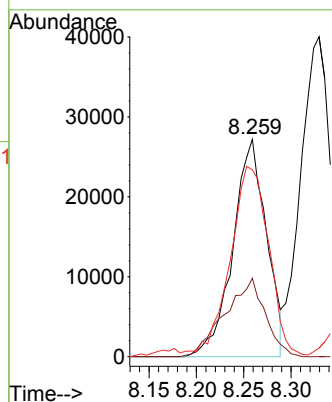
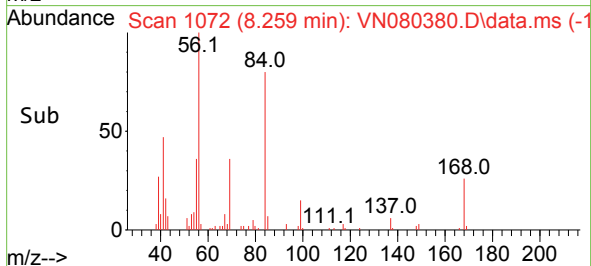


#31
Cyclohexane
Concen: 17.473 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

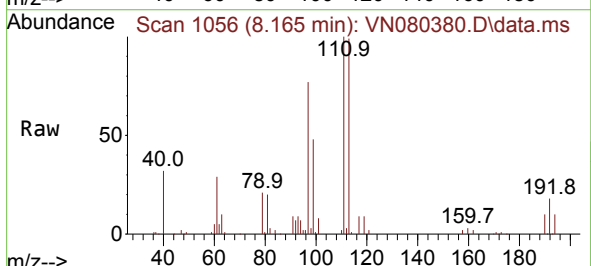
Instrument :
MSVOA_N
ClientSampleId :



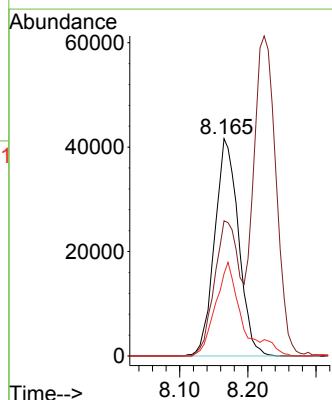
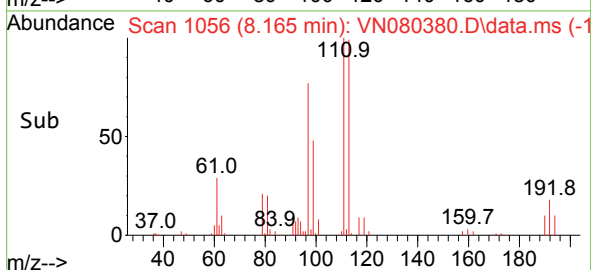
Tgt Ion: 56 Resp: 67243
Ion Ratio Lower Upper
56 100
69 36.1 26.8 40.2
84 84.2 81.8 122.6

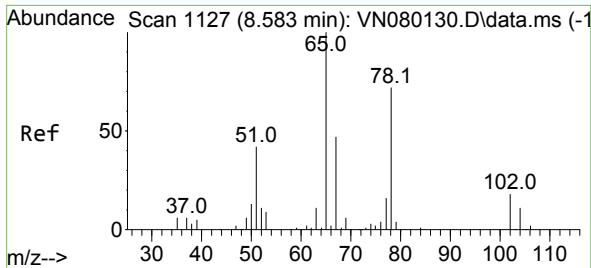


#32
1,1,1-Trichloroethane
Concen: 20.292 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49



Tgt Ion: 97 Resp: 101575
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 43.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.539 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

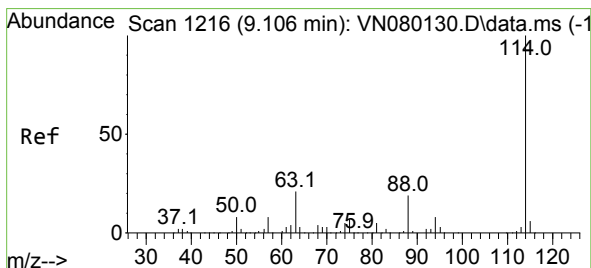
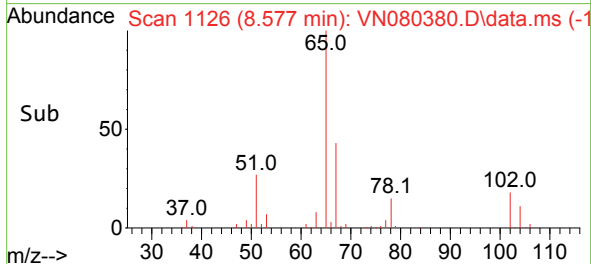
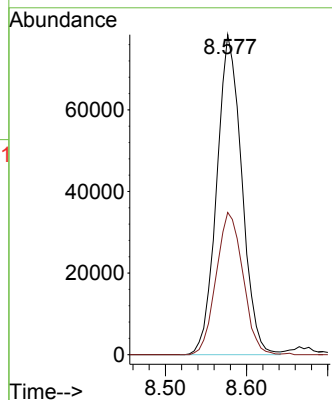
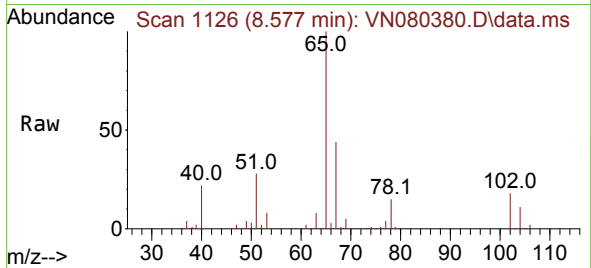
ClientSampleId :

Tgt Ion: 65 Resp: 168226

Ion Ratio Lower Upper

65 100

67 47.5 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: VN080380.D

Acq: 06 Dec 2023 12:49

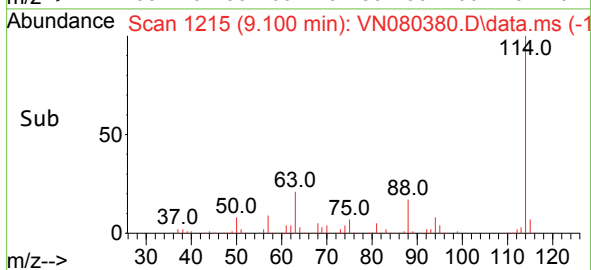
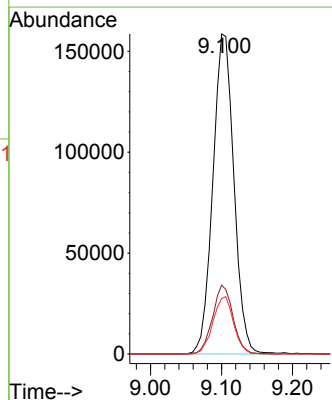
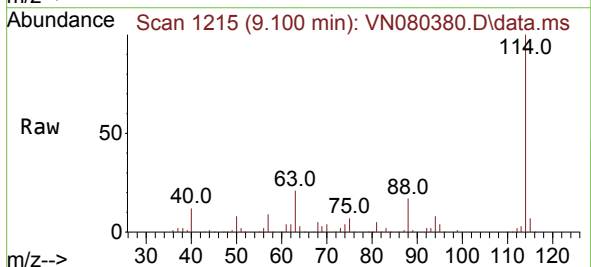
Tgt Ion: 114 Resp: 325652

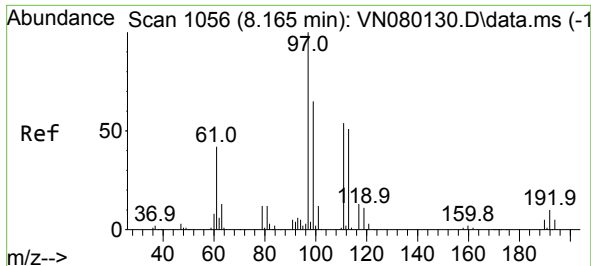
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 17.3 0.0 30.6

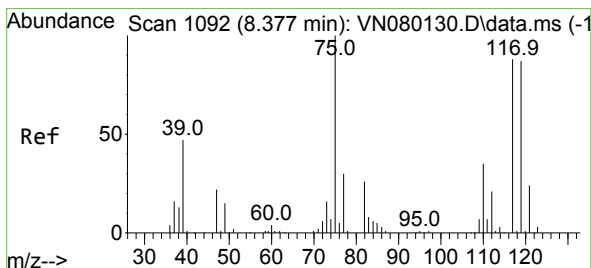
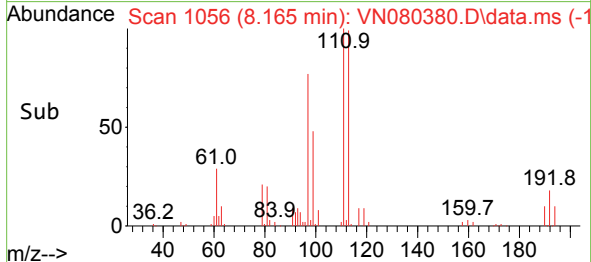
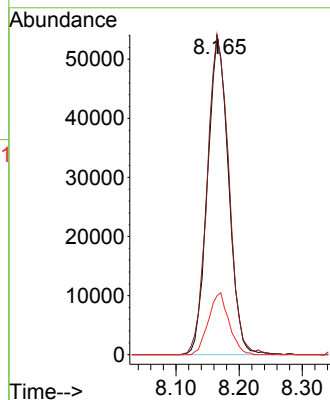
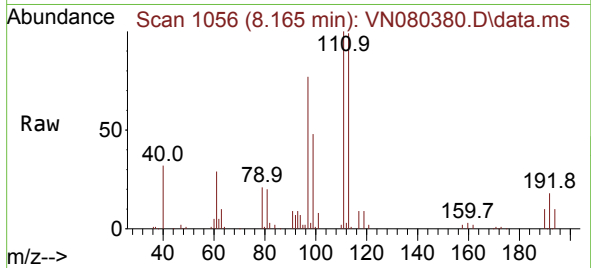




#35
Dibromofluoromethane
Concen: 51.953 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

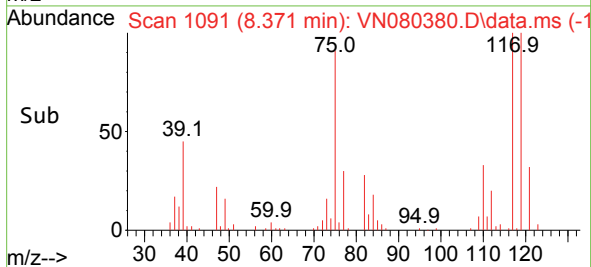
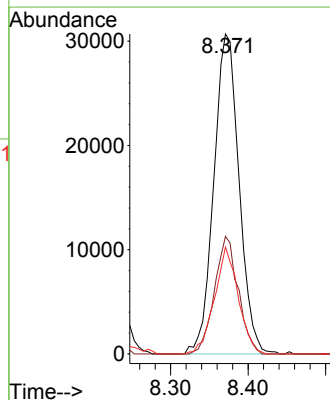
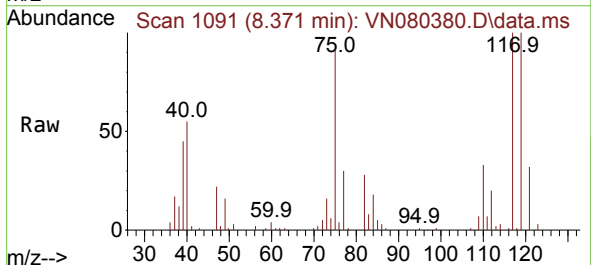
Instrument :
MSVOA_N
ClientSampleId :

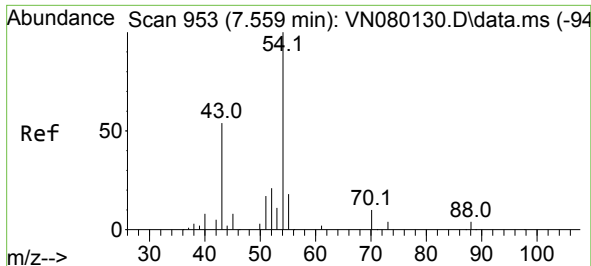
Tgt Ion:113 Resp: 124838
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 19.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.978 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion: 75 Resp: 69503
Ion Ratio Lower Upper
75 100
110 34.5 19.1 57.3
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 19.354 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080380.D

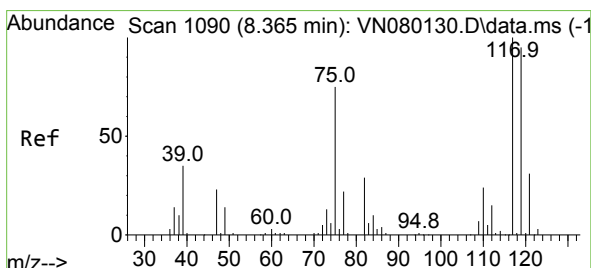
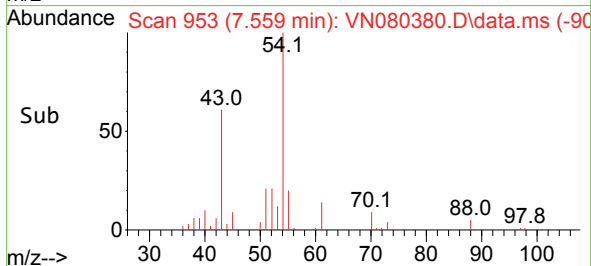
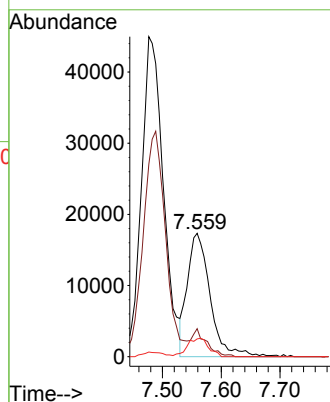
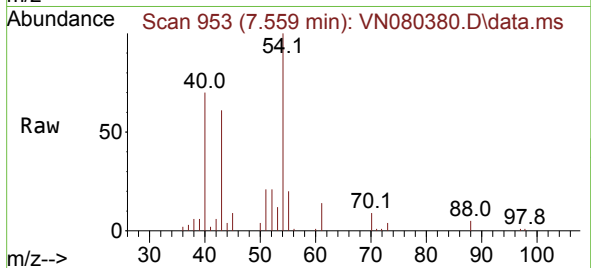
Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 46702
Ion Ratio	Lower Upper
43	100
61	15.3 13.2 19.8
70	13.9 11.3 16.9



#38

Carbon Tetrachloride

Concen: 20.566 ug/l

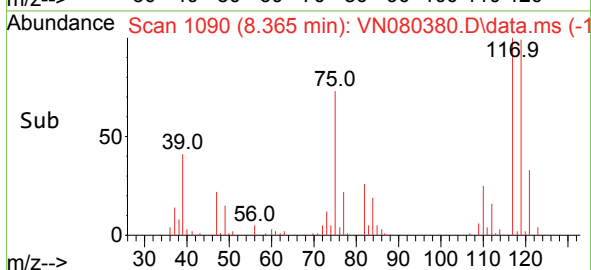
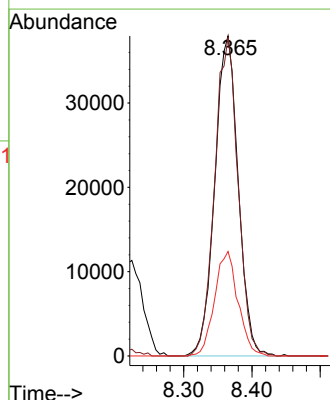
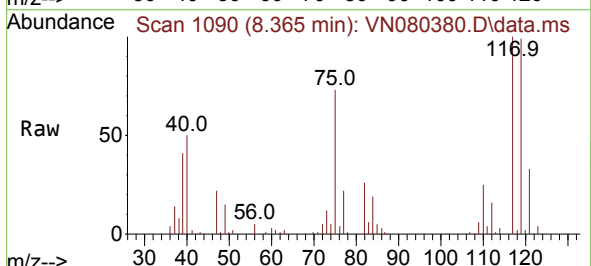
RT: 8.365 min Scan# 1090

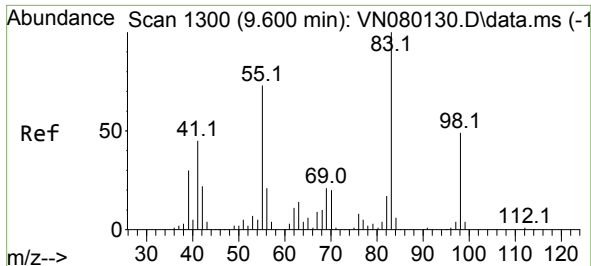
Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Tgt Ion: 117	Resp: 90793
Ion Ratio	Lower Upper
117	100
119	99.5 77.3 115.9
121	32.7 23.3 34.9





#39

Methylcyclohexane

Concen: 19.149 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

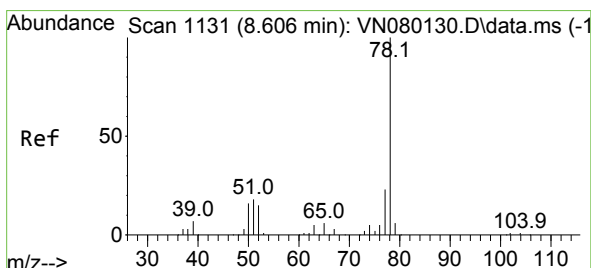
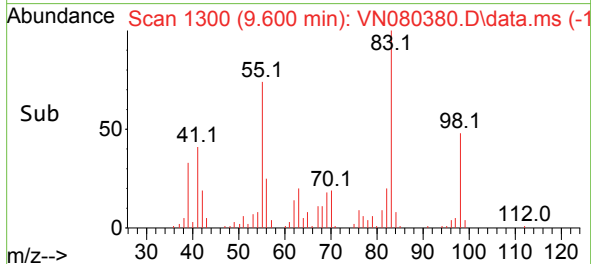
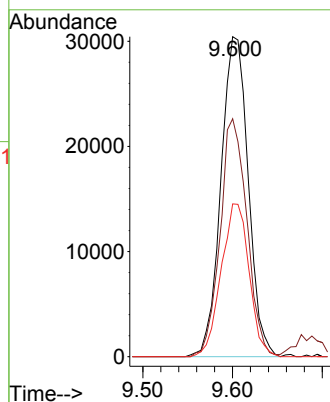
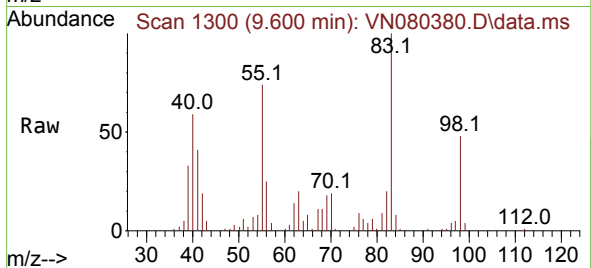
Tgt Ion: 83 Resp: 64234

Ion Ratio Lower Upper

83 100

55 74.4 49.1 73.7#

98 47.8 40.6 61.0



#40

Benzene

Concen: 20.945 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080380.D

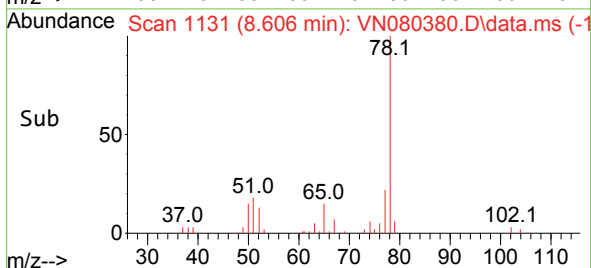
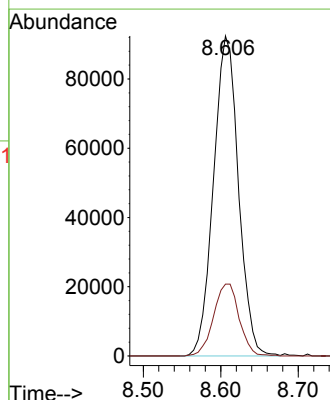
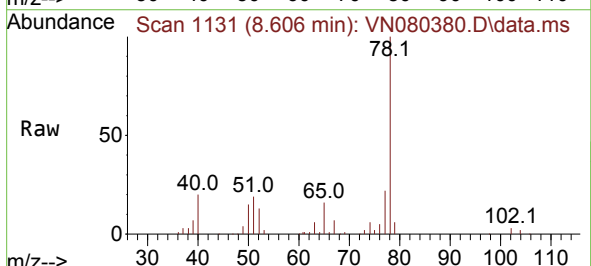
Acq: 06 Dec 2023 12:49

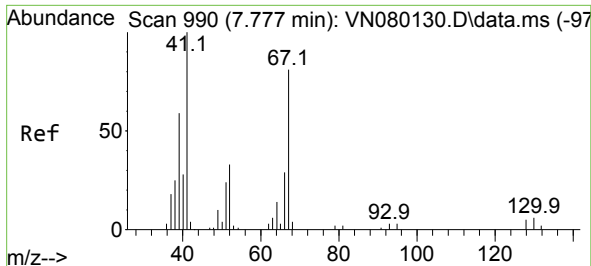
Tgt Ion: 78 Resp: 207091

Ion Ratio Lower Upper

78 100

77 22.4 19.0 28.6

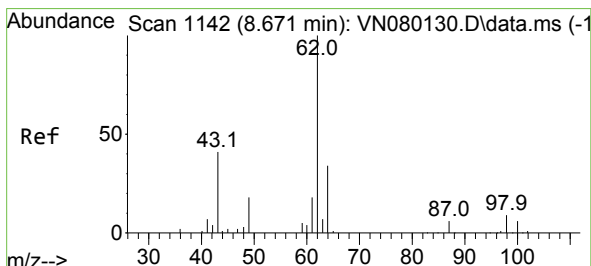
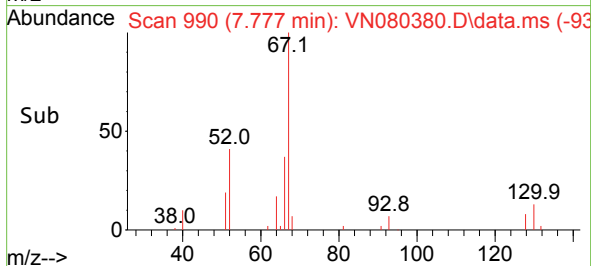
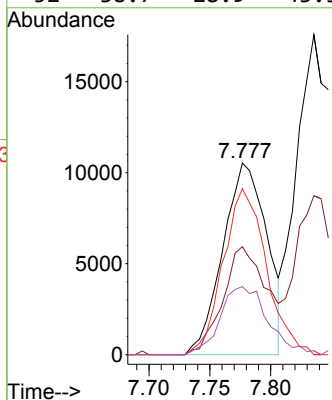
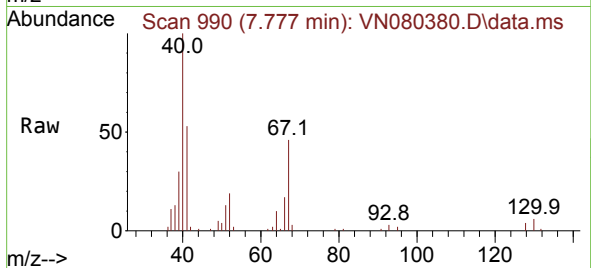




#41
Methacrylonitrile
Concen: 19.965 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

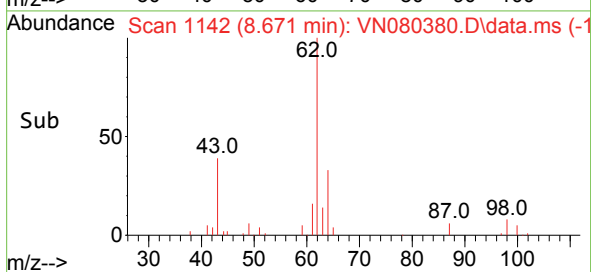
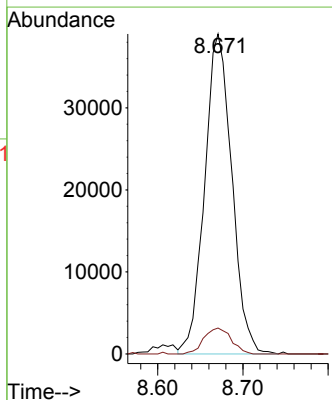
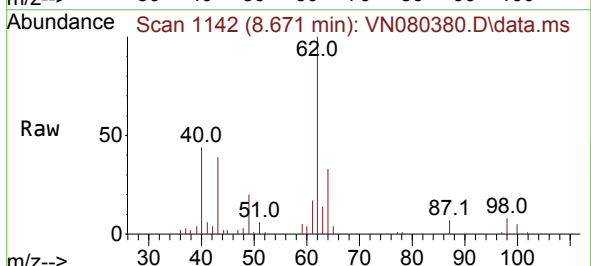
Instrument :
MSVOA_N
ClientSampleId :

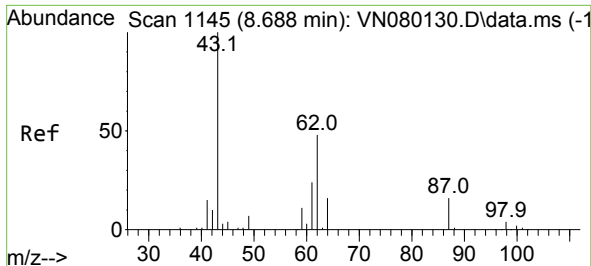
Tgt Ion:	41	Resp:	26458
Ion	Ratio	Lower	Upper
41	100		
39	55.6	42.6	64.0
67	85.0	77.5	116.3
52	38.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 21.378 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion:	62	Resp:	86479
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	19.8

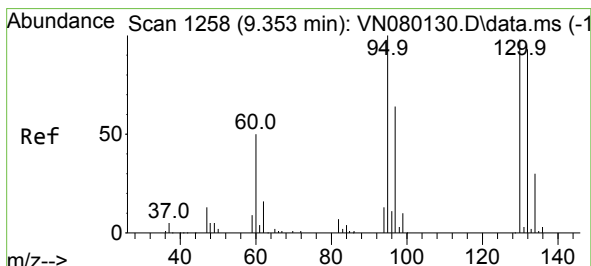
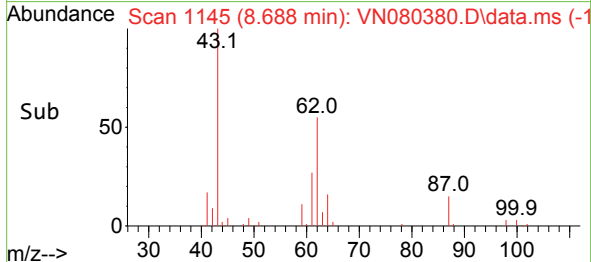
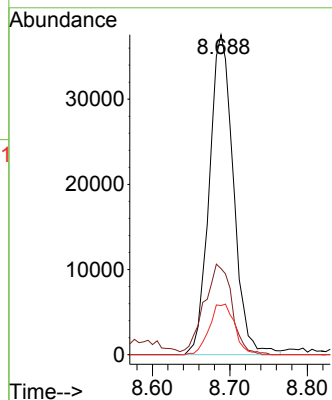
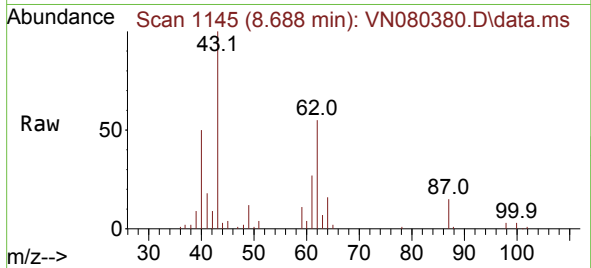




#43
Isopropyl Acetate
Concen: 17.279 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

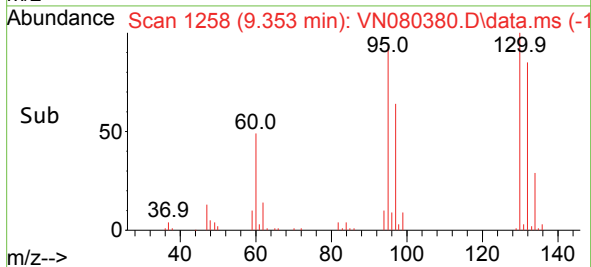
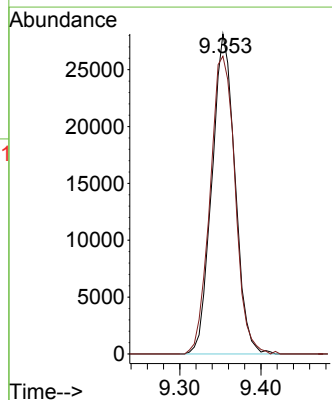
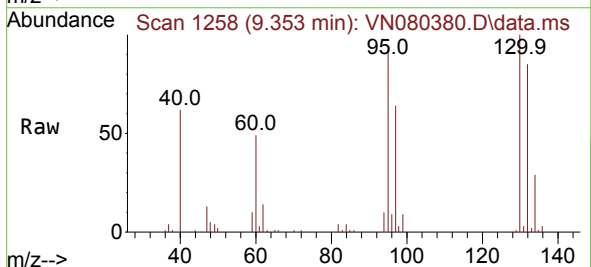
Instrument :
MSVOA_N
ClientSampleId :

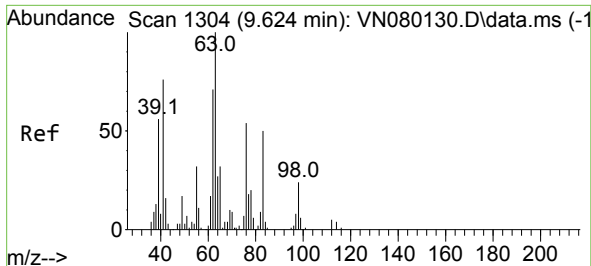
Tgt Ion: 43 Resp: 81139
Ion Ratio Lower Upper
43 100
61 32.7 24.7 37.1
87 16.7 14.6 21.8



#44
Trichloroethene
Concen: 21.402 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion:130 Resp: 55509
Ion Ratio Lower Upper
130 100
95 93.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.428 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

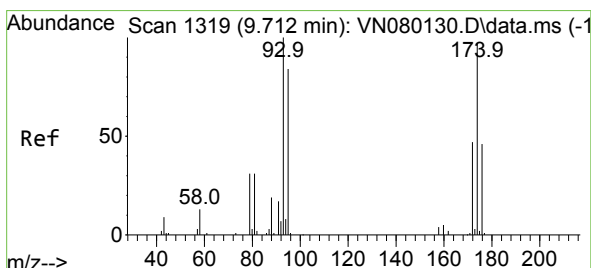
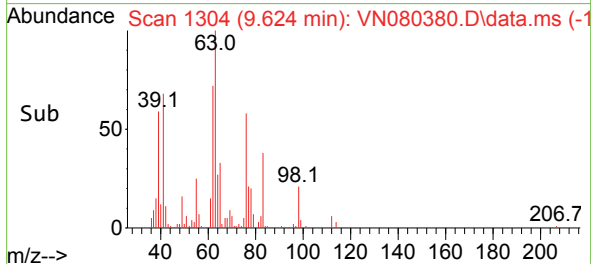
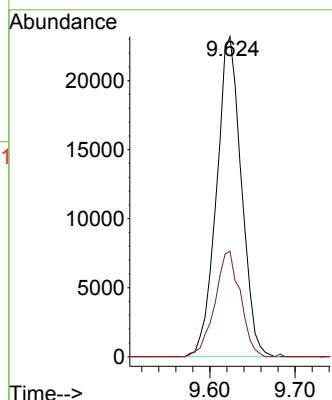
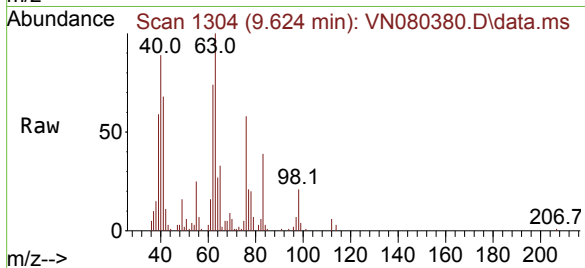
ClientSampleId :

Tgt Ion: 63 Resp: 46938

Ion Ratio Lower Upper

63 100

65 33.0 23.9 35.9



#46

Dibromomethane

Concen: 21.429 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

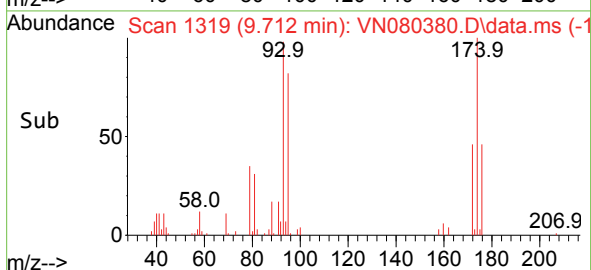
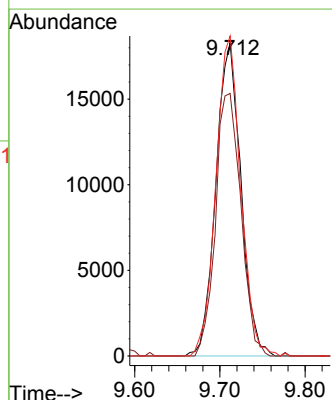
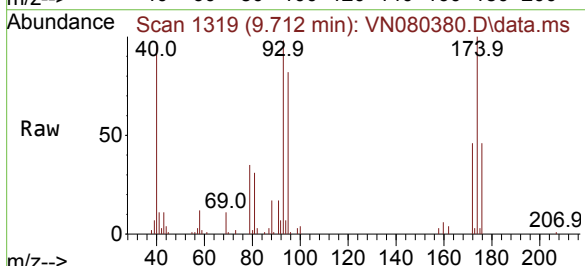
Tgt Ion: 93 Resp: 37273

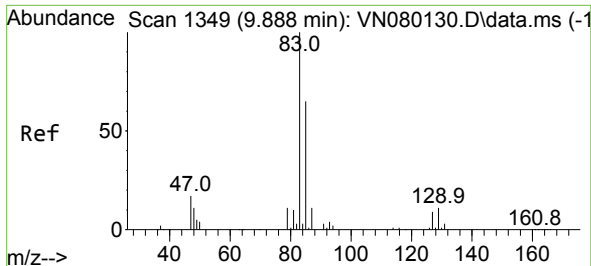
Ion Ratio Lower Upper

93 100

95 85.1 63.8 95.8

174 101.4 65.6 98.4#





#47

Bromodichloromethane

Concen: 22.009 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080380.D

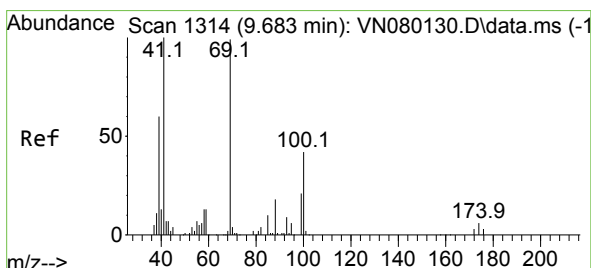
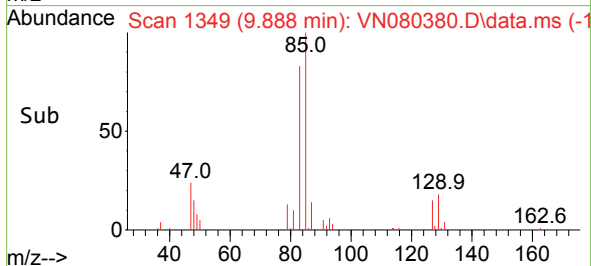
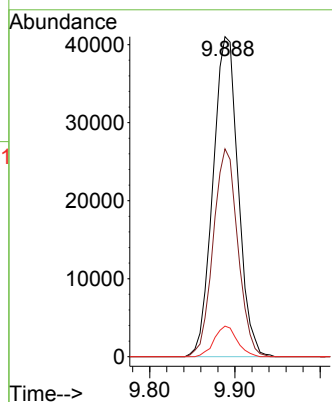
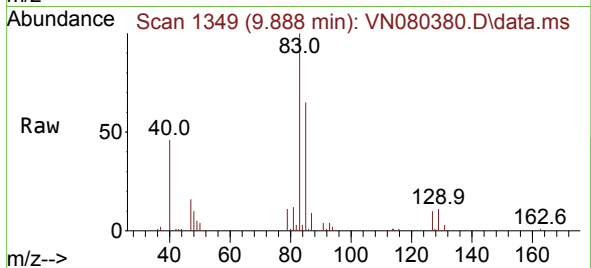
Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 84208
Ion Ratio	Lower Upper
83 100	
85 64.9	49.6 74.4
127 9.5	7.0 10.6



#48

Methyl methacrylate

Concen: 19.880 ug/l

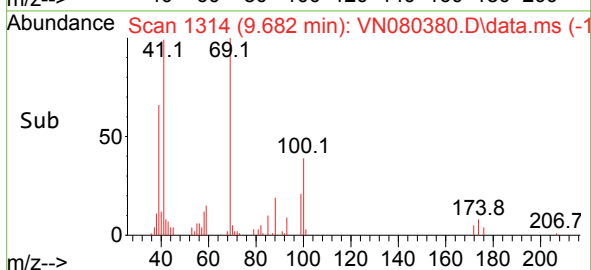
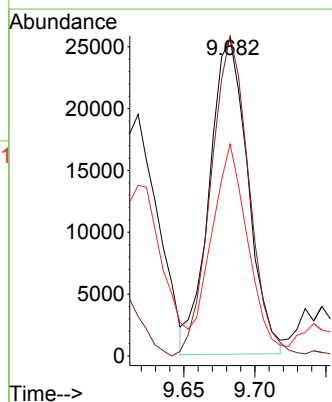
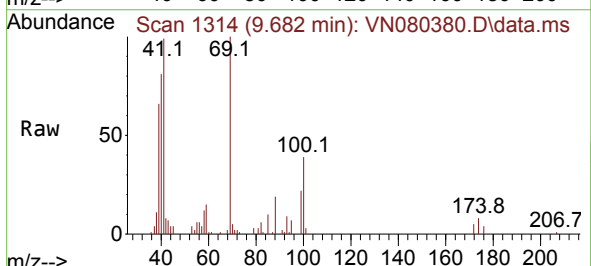
RT: 9.682 min Scan# 1314

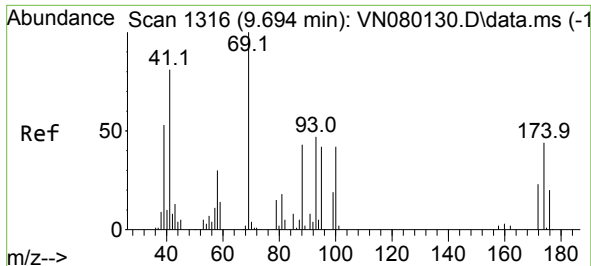
Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Tgt Ion: 41	Resp: 48109
Ion Ratio	Lower Upper
41 100	
69 100.1	90.4 135.6
39 64.2	54.6 81.8





#49

1,4-Dioxane

Concen: 361.663 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

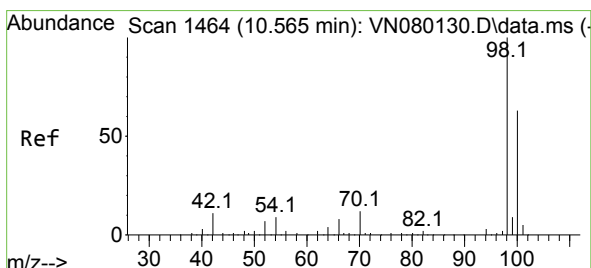
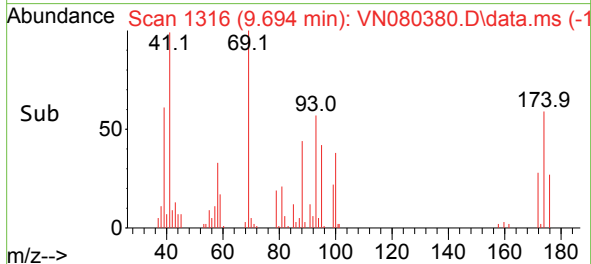
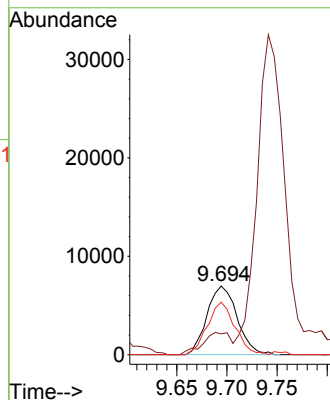
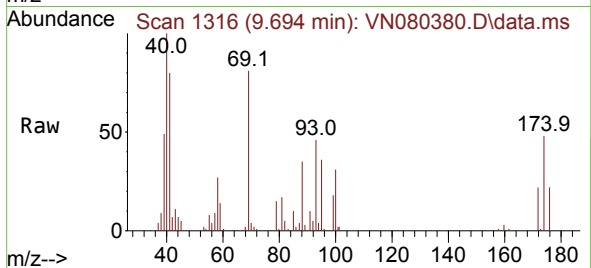
Tgt Ion: 88 Resp: 14560

Ion Ratio Lower Upper

88 100

43 30.1 17.0 25.6#

58 70.2 47.0 70.4



#50

Toluene-d8

Concen: 49.420 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080380.D

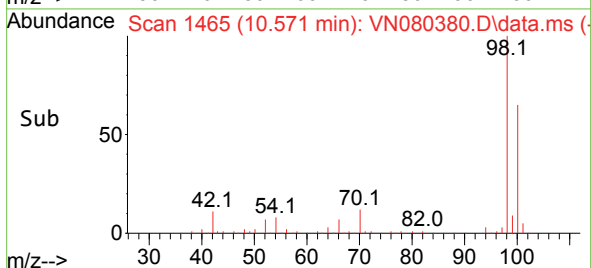
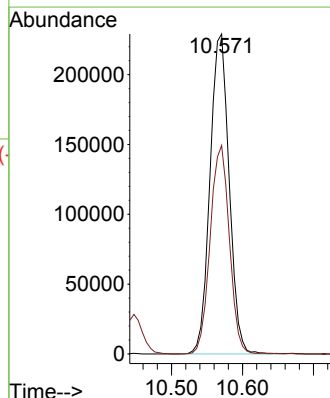
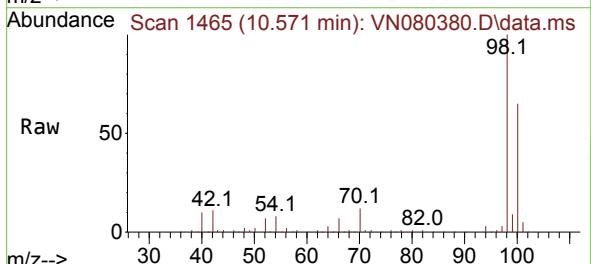
Acq: 06 Dec 2023 12:49

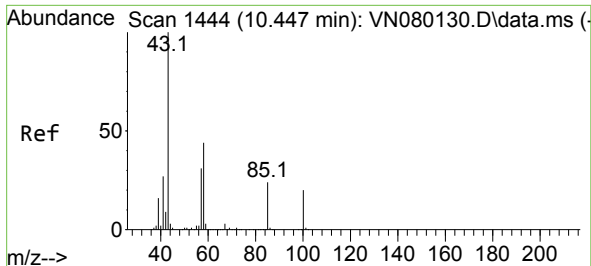
Tgt Ion: 98 Resp: 428069

Ion Ratio Lower Upper

98 100

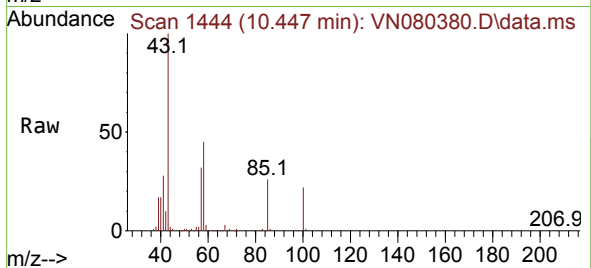
100 65.3 52.0 78.0



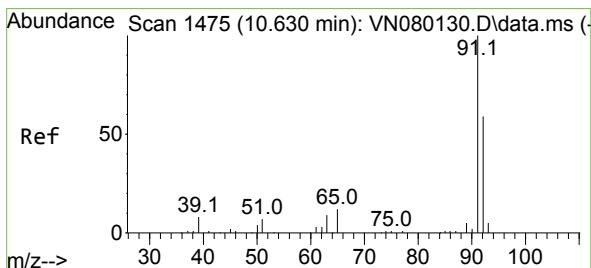
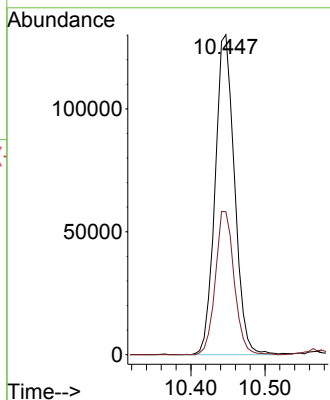
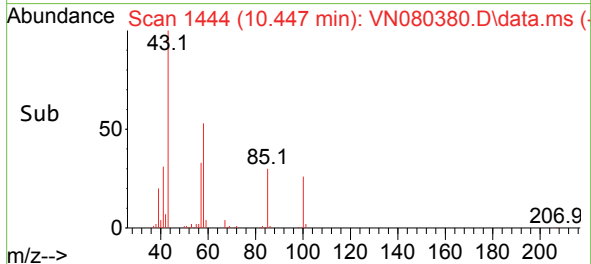


#51
4-Methyl-2-Pentanone
Concen: 97.313 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

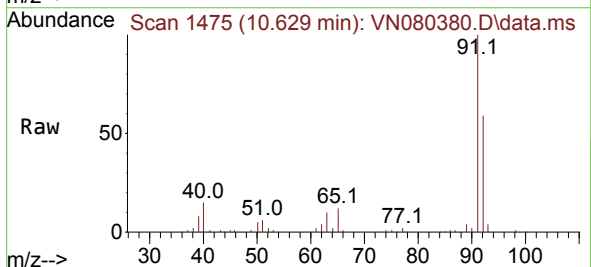
Instrument :
MSVOA_N
ClientSampleId :



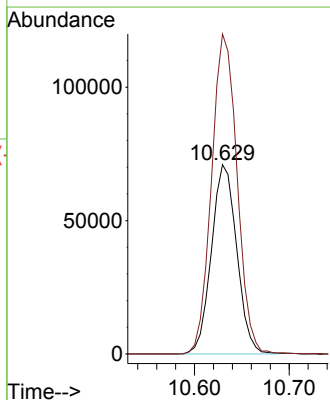
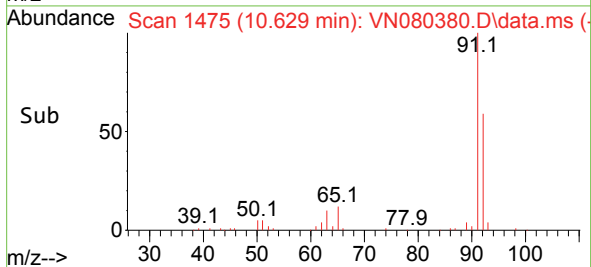
Tgt Ion: 43 Resp: 236580
Ion Ratio Lower Upper
43 100
58 43.5 36.6 54.8

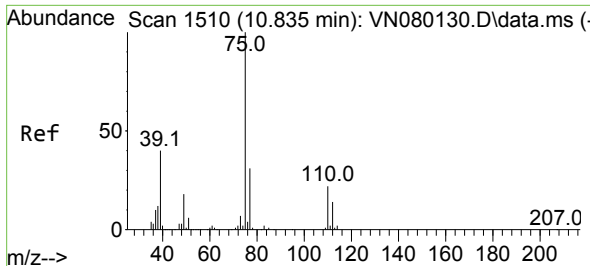


#52
Toluene
Concen: 21.339 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49



Tgt Ion: 92 Resp: 132039
Ion Ratio Lower Upper
92 100
91 170.7 137.4 206.0

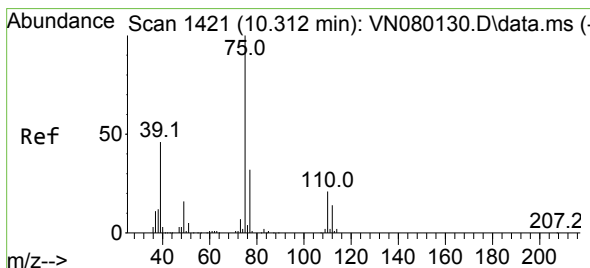
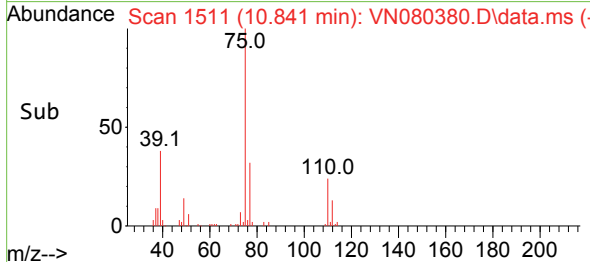
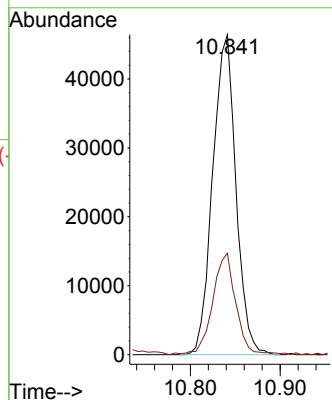
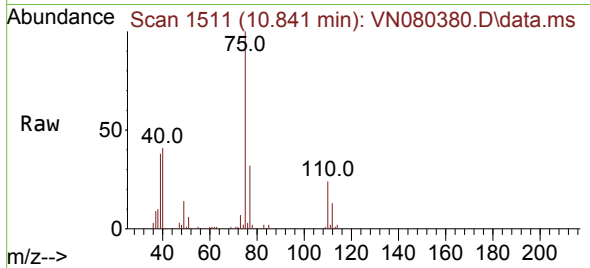




#53
 t-1,3-Dichloropropene
 Concen: 21.189 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN080380.D
 Acq: 06 Dec 2023 12:49

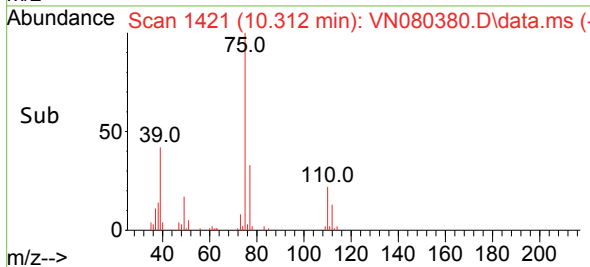
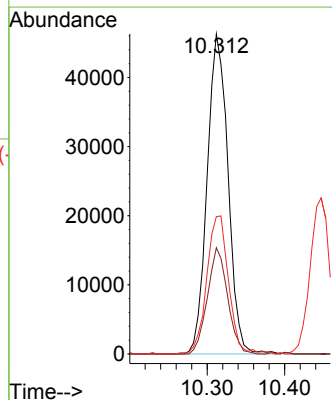
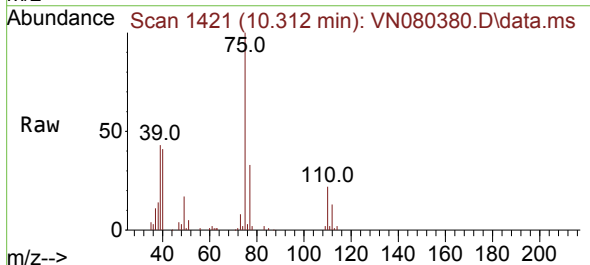
Instrument :
 MSVOA_N
 ClientSampleId :

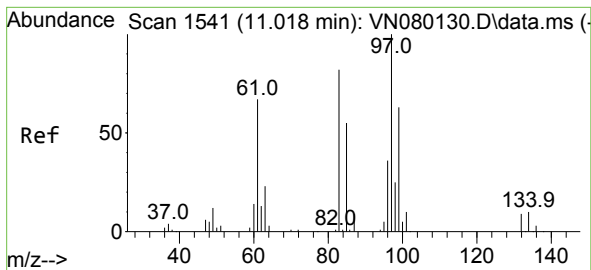
Tgt Ion: 75 Resp: 83293
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.598 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080380.D
 Acq: 06 Dec 2023 12:49

Tgt Ion: 75 Resp: 86741
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.1 39.1
 39 42.9 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 21.421 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

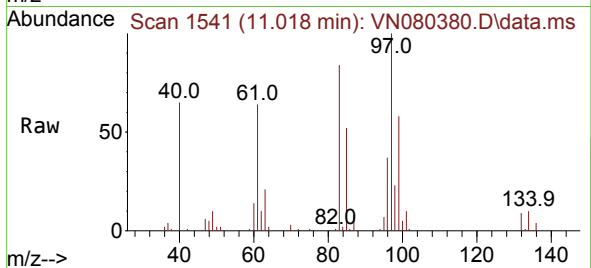
Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 50589

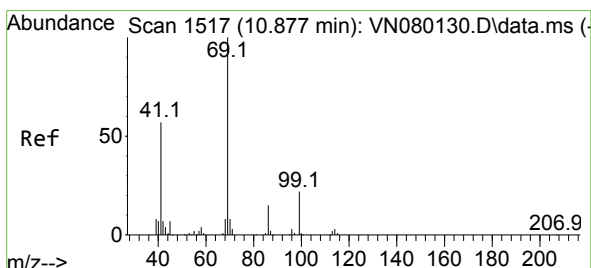
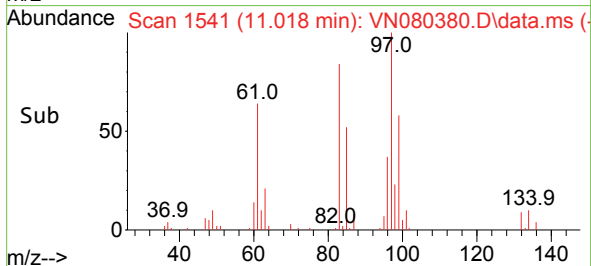
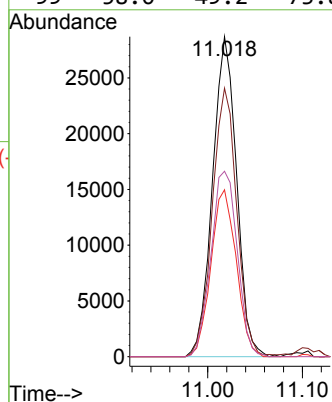
Ion Ratio Lower Upper

97 100

83 83.9 65.1 97.7

85 52.2 43.4 65.2

99 58.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 20.612 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

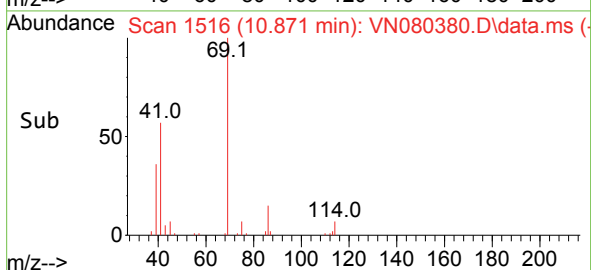
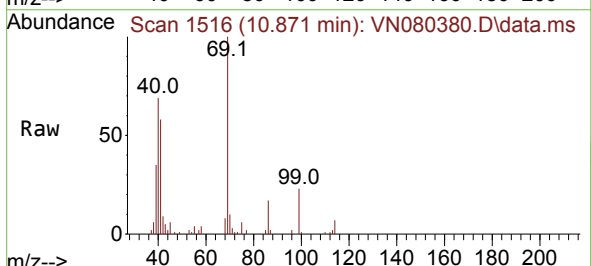
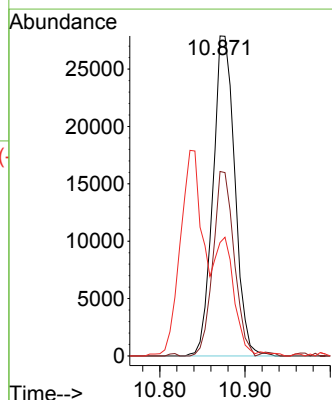
Tgt Ion: 69 Resp: 49730

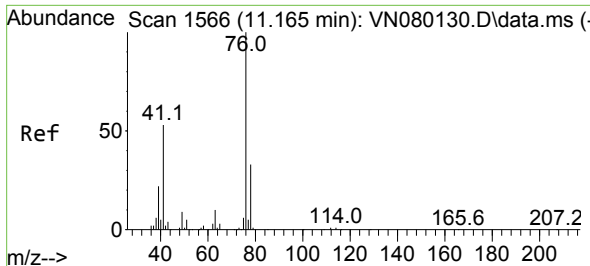
Ion Ratio Lower Upper

69 100

41 55.9 39.6 59.4

39 27.5 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 21.031 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

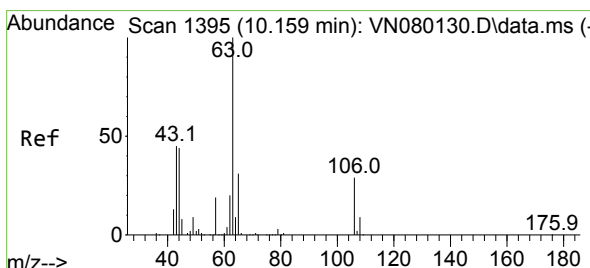
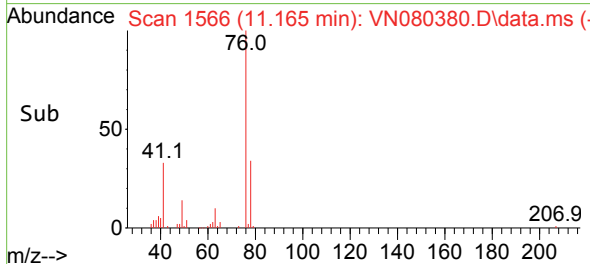
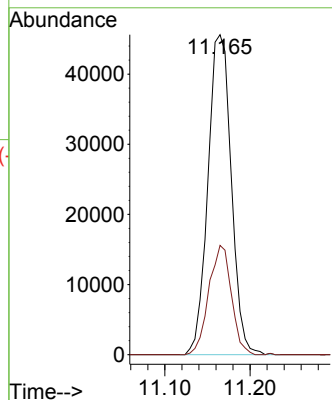
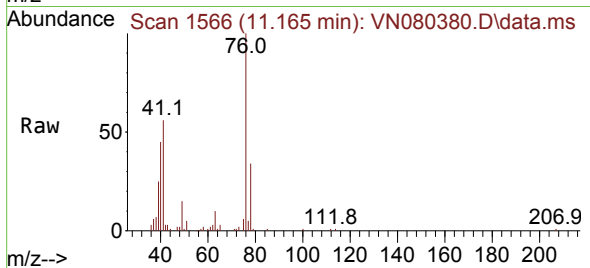
ClientSampleId :

Tgt Ion: 76 Resp: 86720

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 89.817 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080380.D

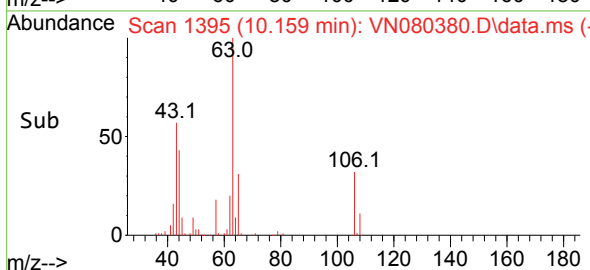
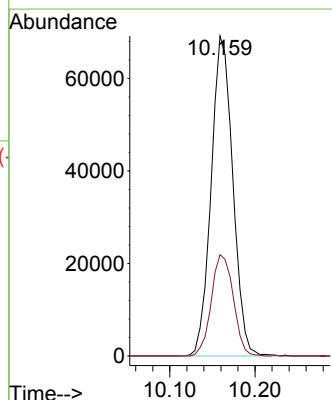
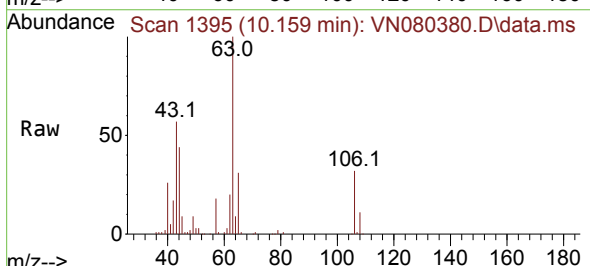
Acq: 06 Dec 2023 12:49

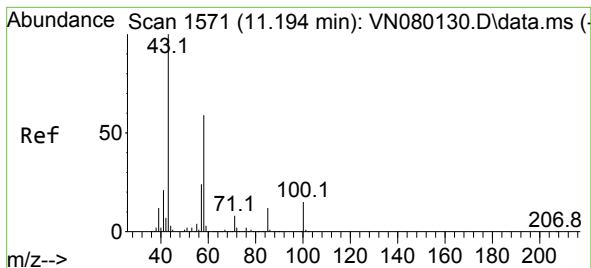
Tgt Ion: 63 Resp: 122082

Ion Ratio Lower Upper

63 100

106 32.1 26.2 39.4

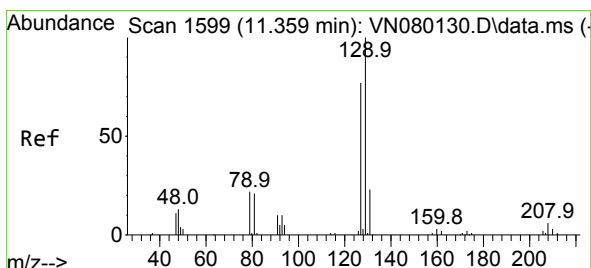
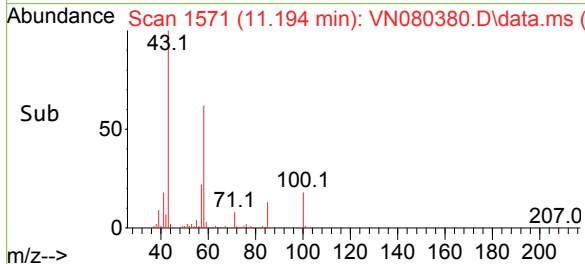
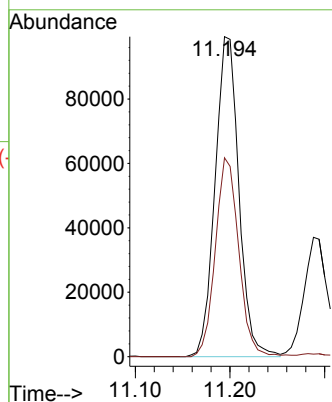
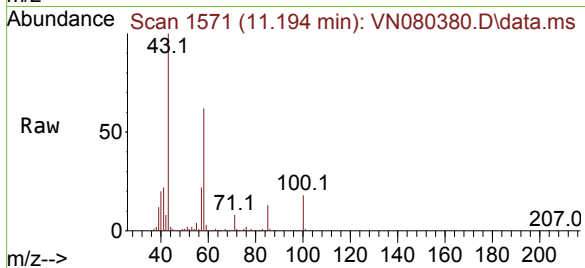




#59
2-Hexanone
Concen: 88.854 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

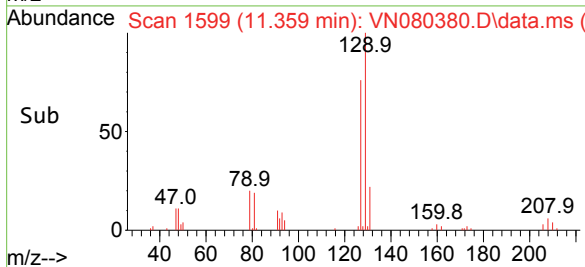
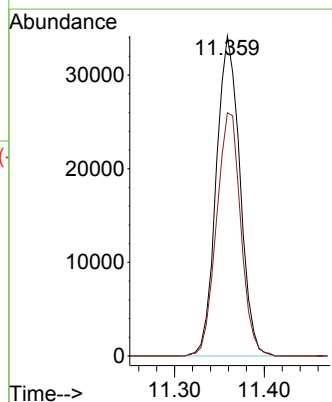
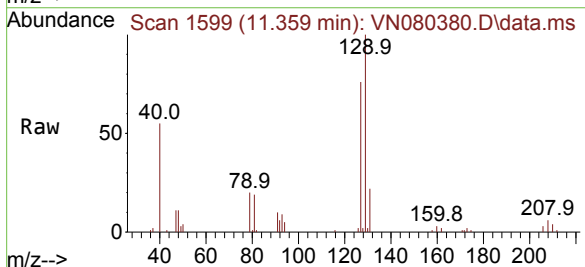
Instrument :
MSVOA_N
ClientSampleId :

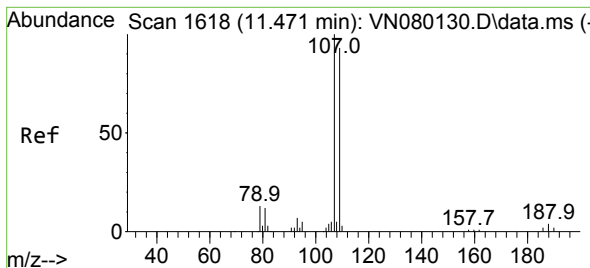
Tgt Ion: 43 Resp: 173582
Ion Ratio Lower Upper
43 100
58 61.3 31.7 95.1



#60
Dibromochloromethane
Concen: 22.116 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion:129 Resp: 62532
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

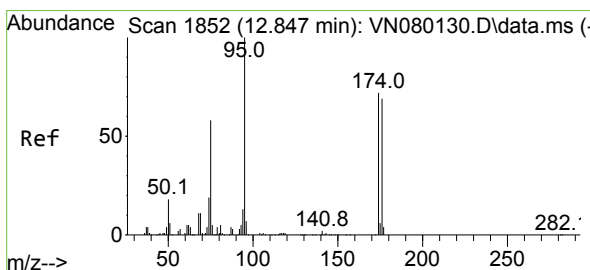
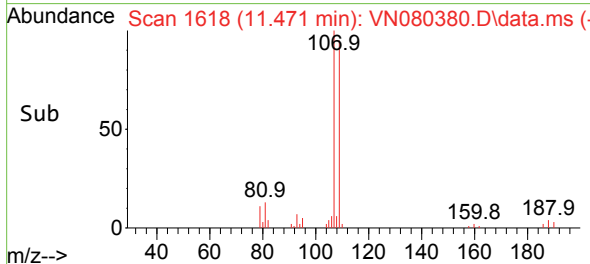
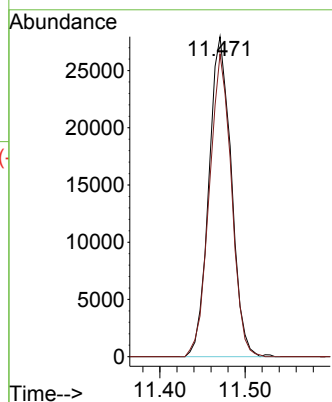
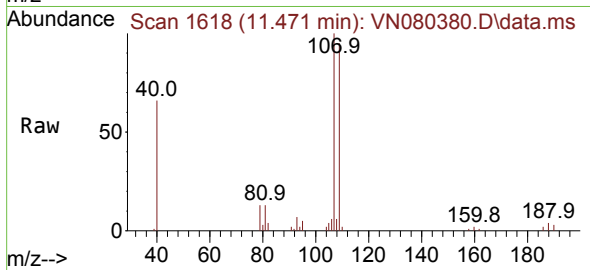




#61
1,2-Dibromoethane
Concen: 21.207 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

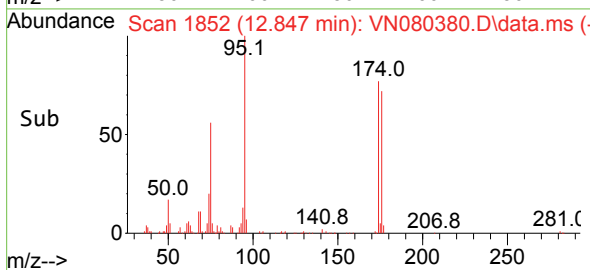
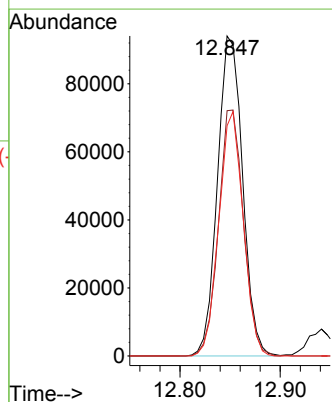
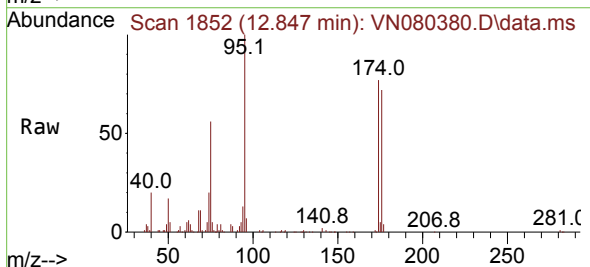
Instrument :
MSVOA_N
ClientSampleId :

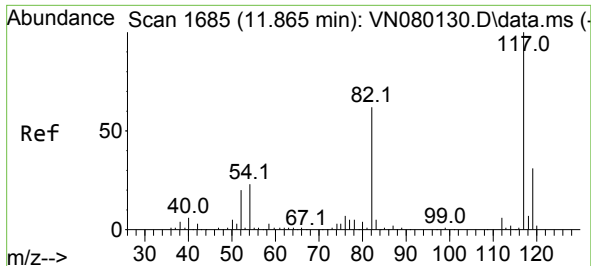
Tgt Ion:107 Resp: 51095
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.993 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

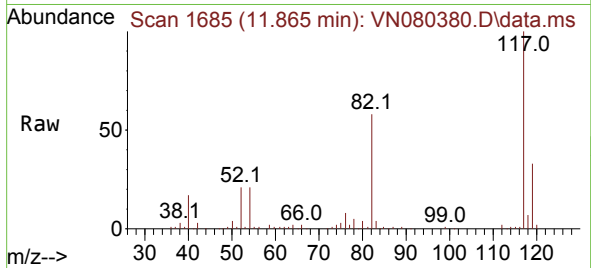
Tgt Ion: 95 Resp: 163563
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 74.1 0.0 135.8



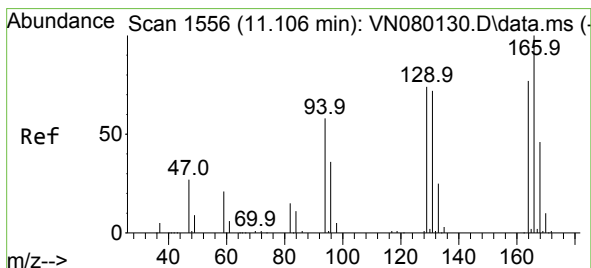
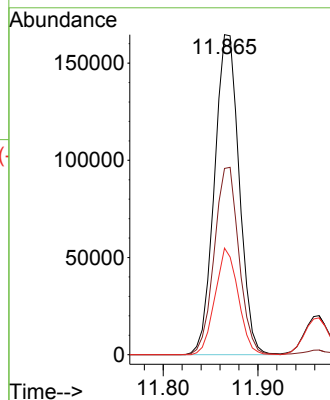
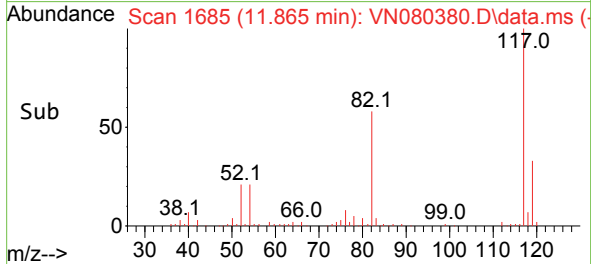


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Instrument :
MSVOA_N
ClientSampleId :

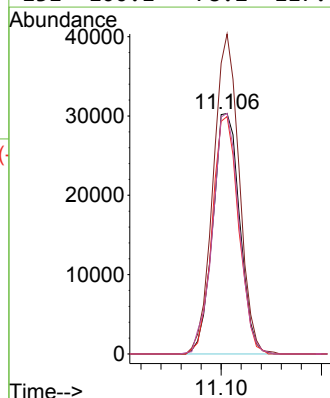
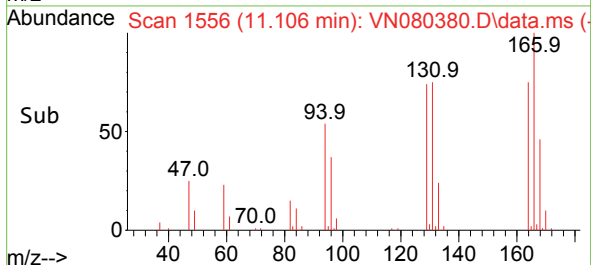
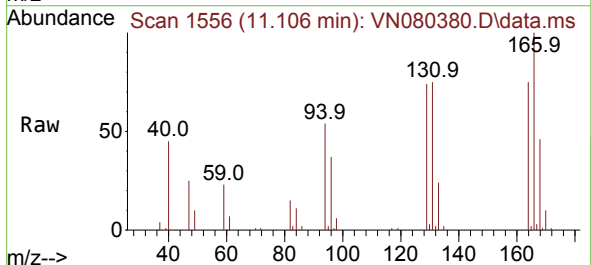


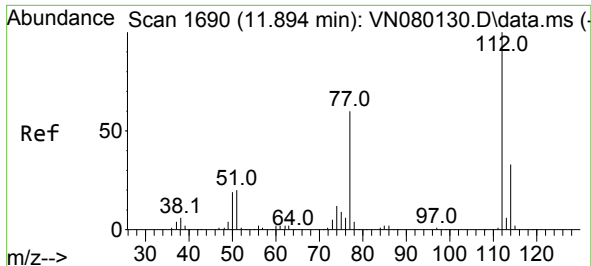
Tgt Ion:117 Resp: 299087
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 33.3 25.6 38.4



#64
Tetrachloroethene
Concen: 24.717 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion:164 Resp: 56418
Ion Ratio Lower Upper
164 100
166 133.1 101.4 152.0
129 98.7 82.4 123.6
131 100.1 78.2 117.4

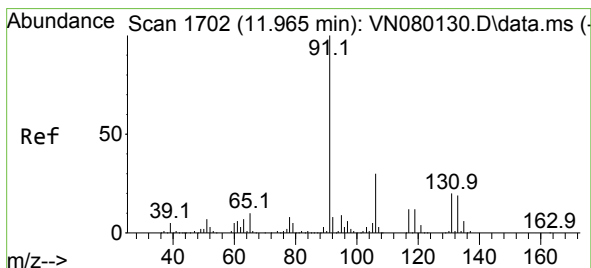
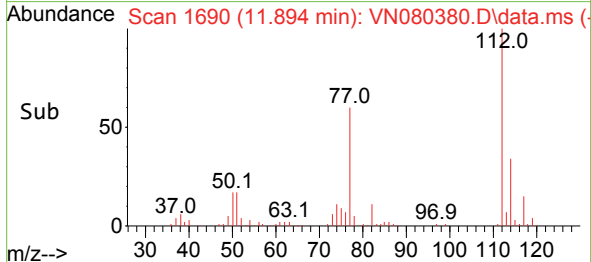
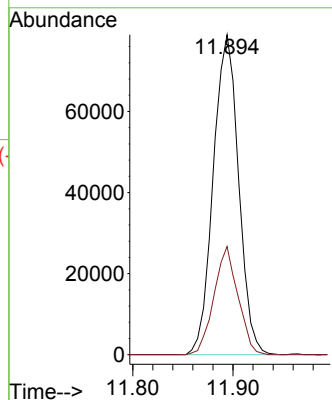
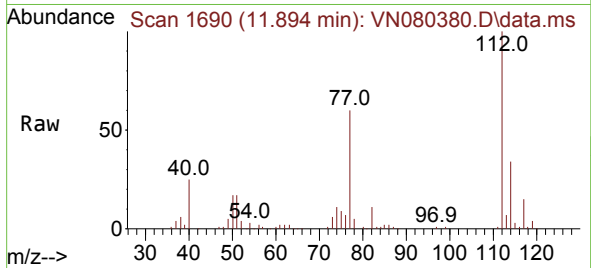




#65
Chlorobenzene
Concen: 20.387 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

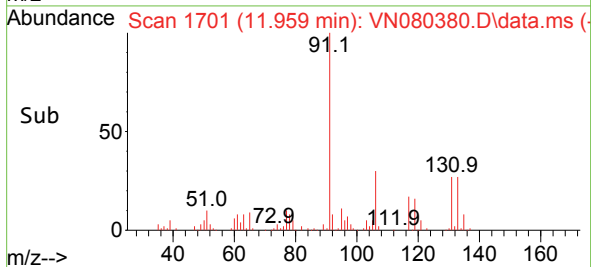
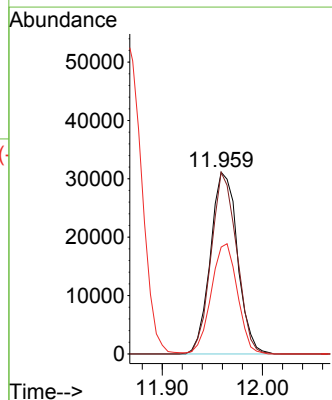
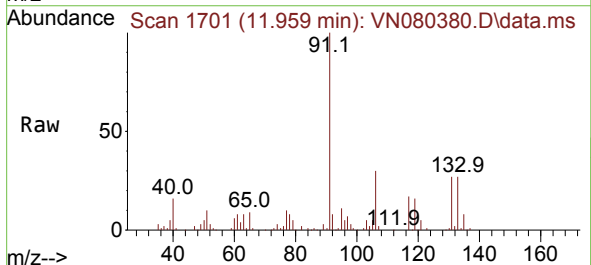
Instrument :
MSVOA_N
ClientSampleId :

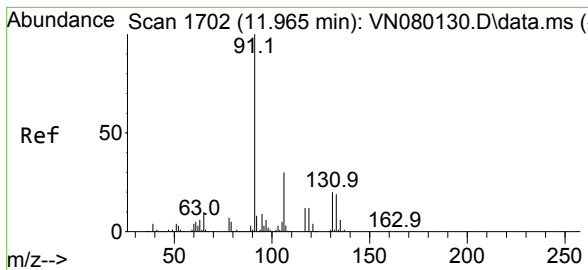
Tgt Ion:112 Resp: 138168
Ion Ratio Lower Upper
112 100
114 33.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.189 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion:131 Resp: 58355
Ion Ratio Lower Upper
131 100
133 94.5 46.4 139.1
119 58.7 34.1 102.2

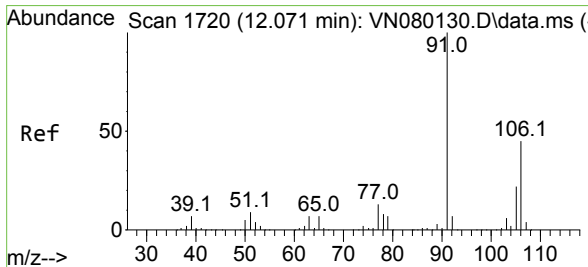
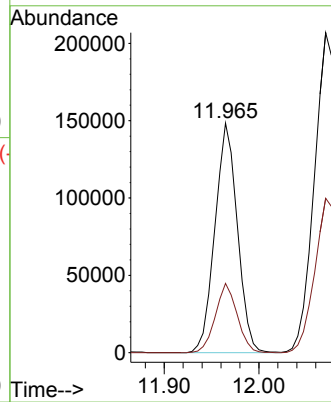
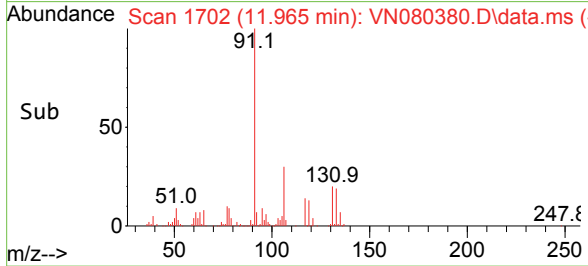
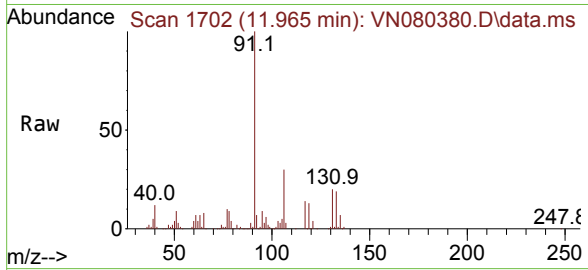




#67
Ethyl Benzene
Concen: 20.239 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

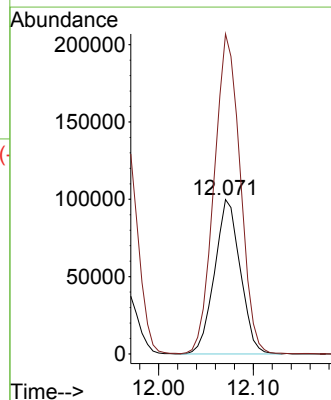
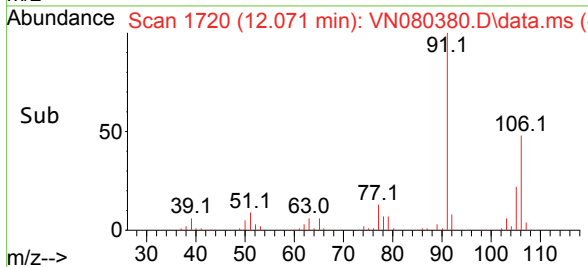
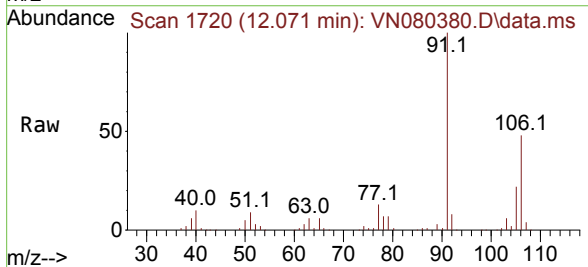
Instrument :
MSVOA_N
ClientSampleId :

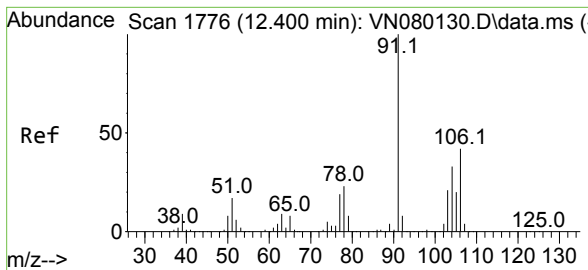
Tgt Ion: 91 Resp: 244077
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4



#68
m/p-Xylenes
Concen: 42.869 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion:106 Resp: 188494
Ion Ratio Lower Upper
106 100
91 209.7 159.6 239.4

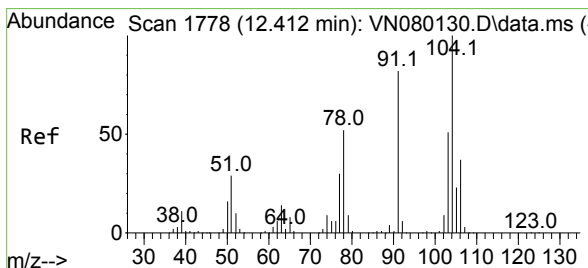
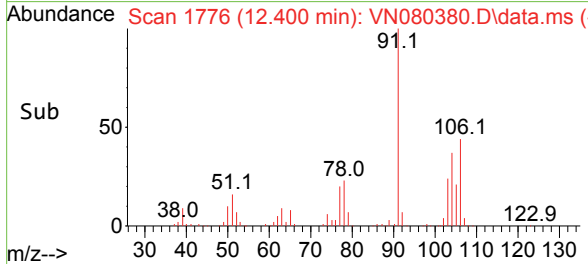
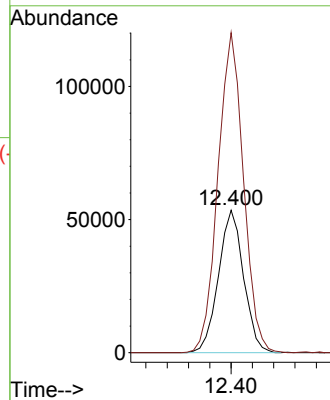
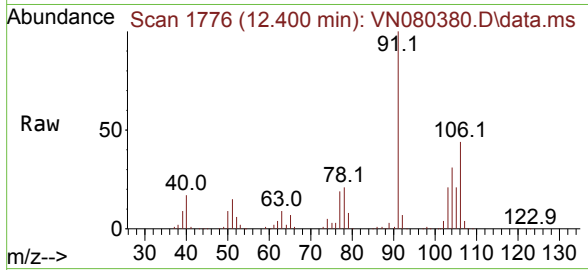




#69
o-Xylene
Concen: 21.128 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

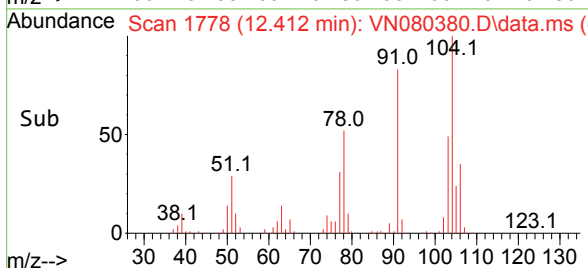
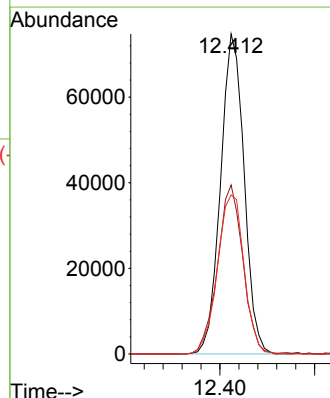
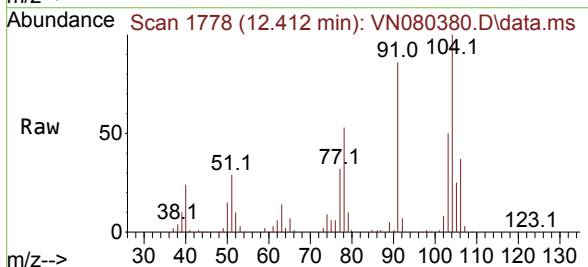
Instrument :
MSVOA_N
ClientSampleId :

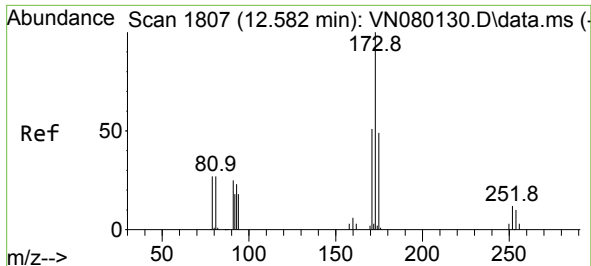
Tgt Ion:106 Resp: 87548
Ion Ratio Lower Upper
106 100
91 228.3 105.2 315.5



#70
Styrene
Concen: 20.954 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion:104 Resp: 129236
Ion Ratio Lower Upper
104 100
78 56.7 39.5 59.3
103 56.1 43.2 64.8

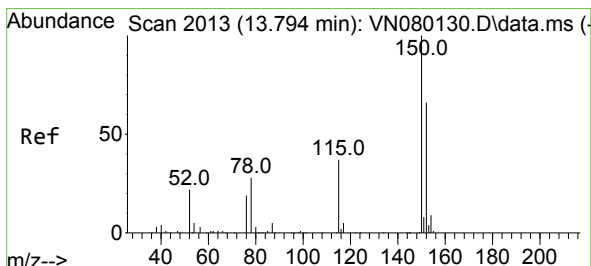
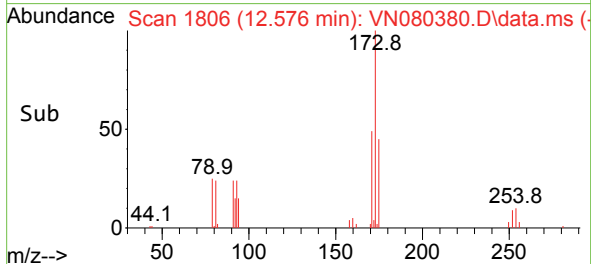
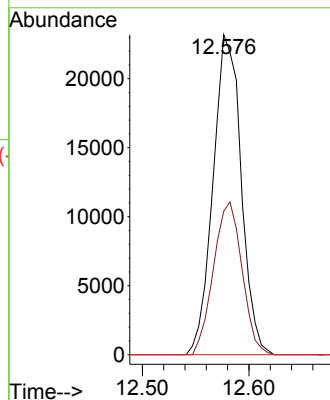
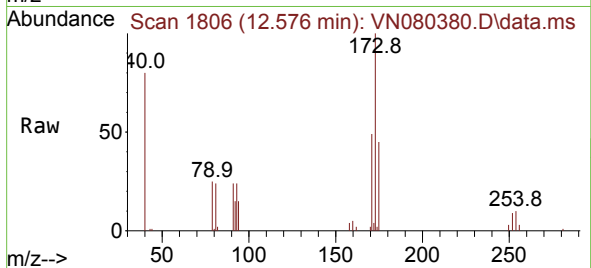




#71
Bromoform
Concen: 21.757 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

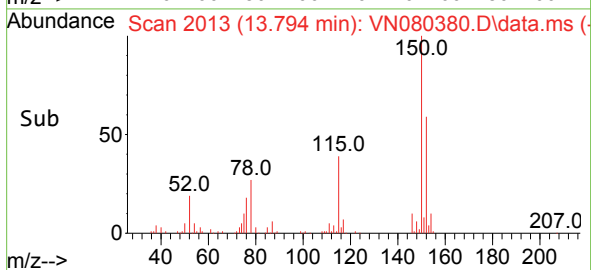
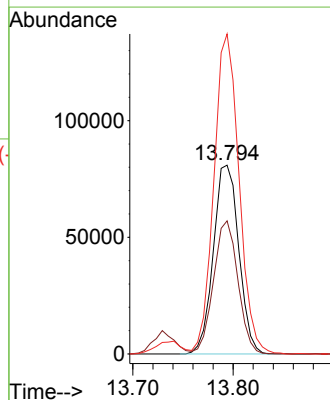
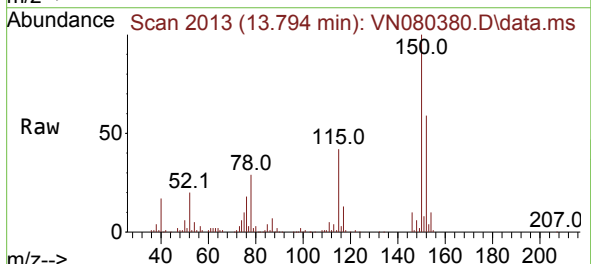
Instrument :
MSVOA_N
ClientSampleId :

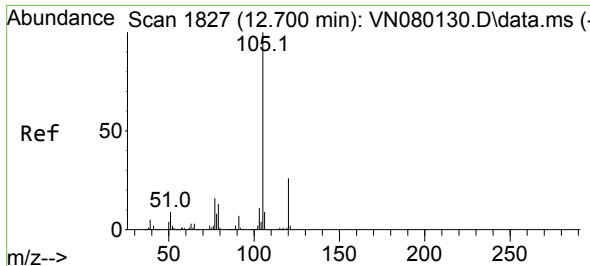
Tgt Ion:173 Resp: 42434
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion:152 Resp: 142593
Ion Ratio Lower Upper
152 100
115 67.7 32.3 96.8
150 167.2 0.0 355.8

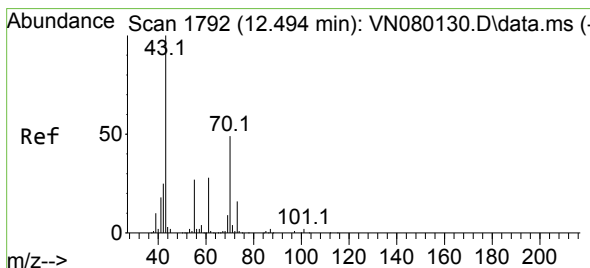
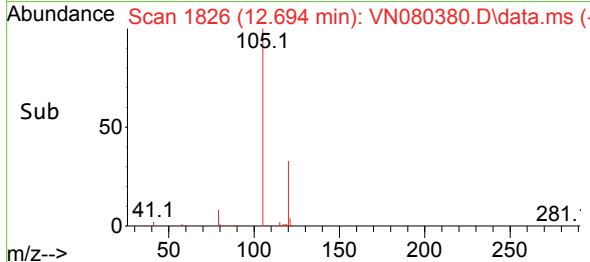
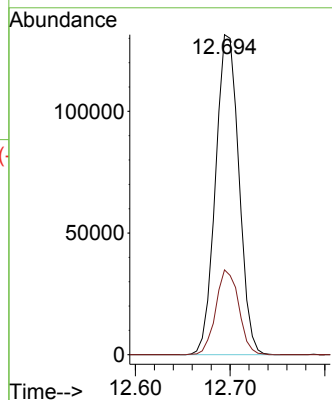
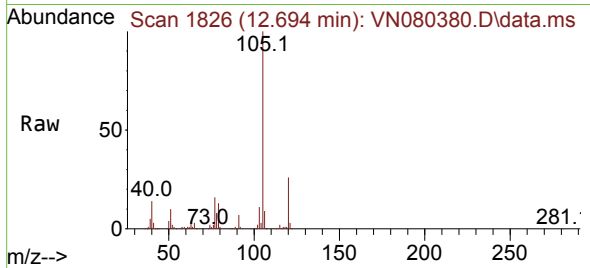




#73
Isopropylbenzene
Concen: 20.363 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

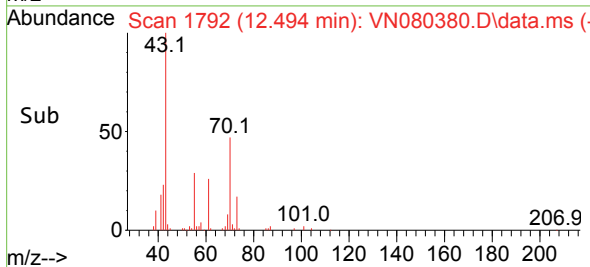
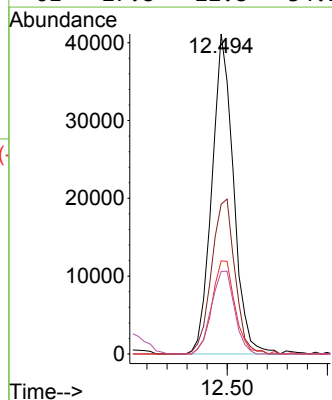
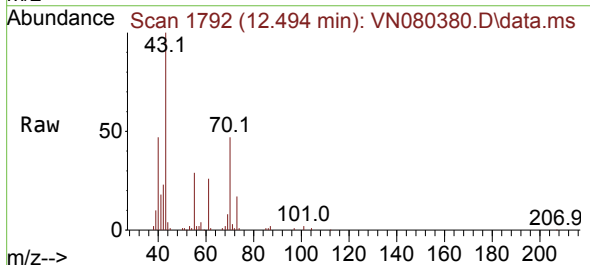
Instrument :
MSVOA_N
ClientSampleId :

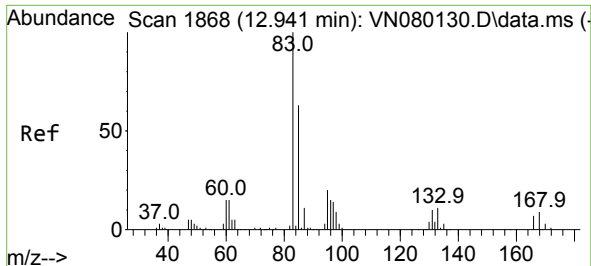
Tgt Ion:105 Resp: 225637
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 17.815 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion: 43 Resp: 61560
Ion Ratio Lower Upper
43 100
70 52.2 43.4 65.2
55 31.2 21.4 32.0
61 27.8 22.8 34.2

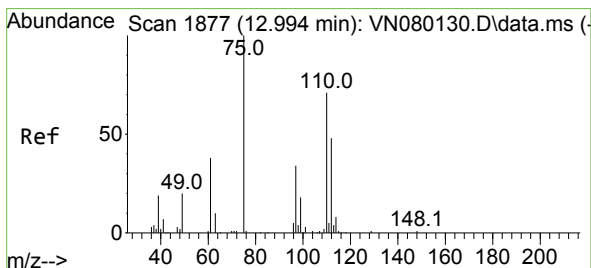
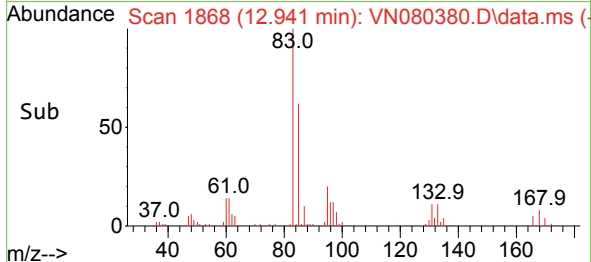
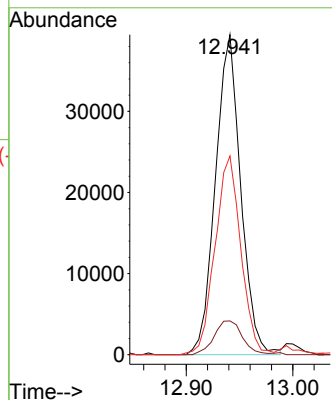
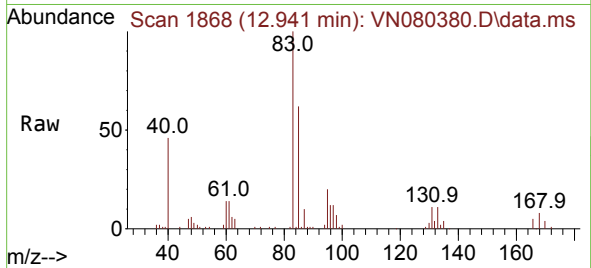




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.639 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN080380.D
 Acq: 06 Dec 2023 12:49

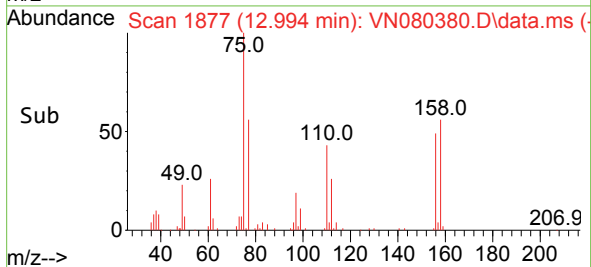
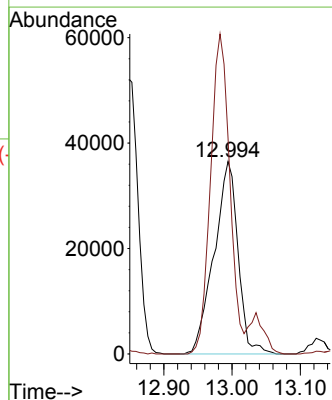
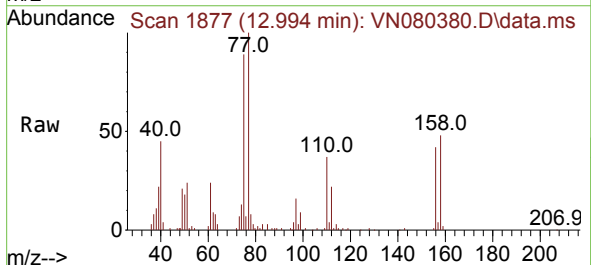
Instrument :
 MSVOA_N
 ClientSampleId :

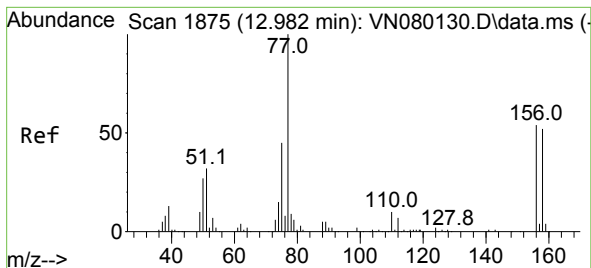
Tgt Ion: 83 Resp: 65129
 Ion Ratio Lower Upper
 83 100
 131 12.0 5.0 15.0
 85 63.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 25.545 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN080380.D
 Acq: 06 Dec 2023 12:49

Tgt Ion: 75 Resp: 89250
 Ion Ratio Lower Upper
 75 100
 77 133.7 84.5 253.5





#77

Bromobenzene

Concen: 20.396 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

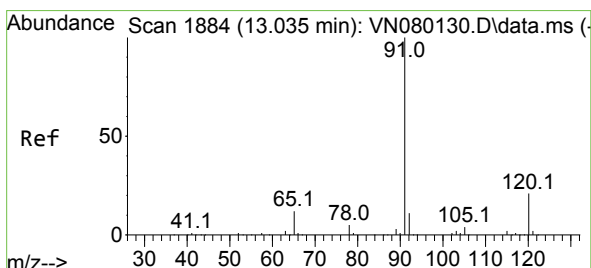
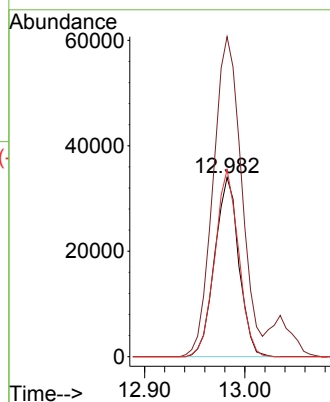
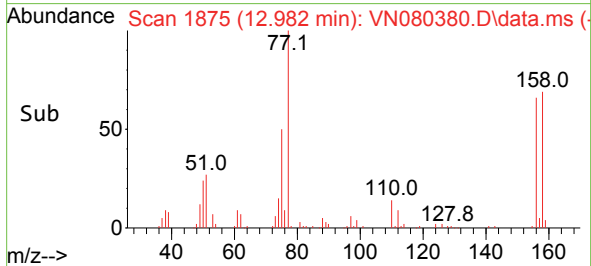
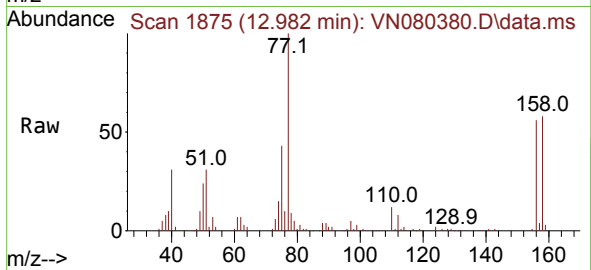
Tgt Ion:156 Resp: 56978

Ion Ratio Lower Upper

156 100

77 209.5 107.7 323.3

158 103.0 48.4 145.3



#78

n-propylbenzene

Concen: 20.194 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN080380.D

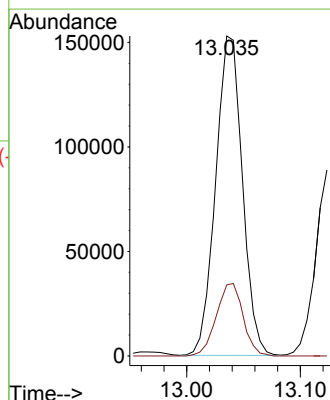
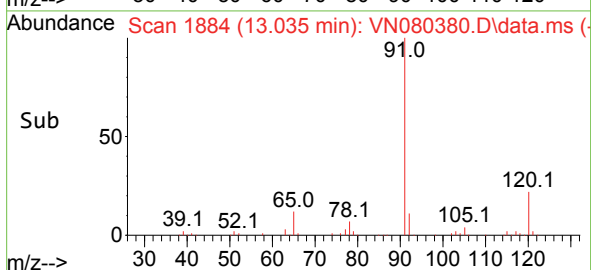
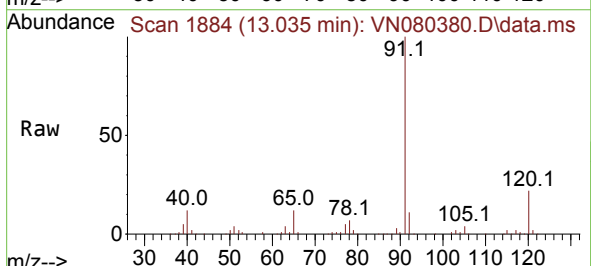
Acq: 06 Dec 2023 12:49

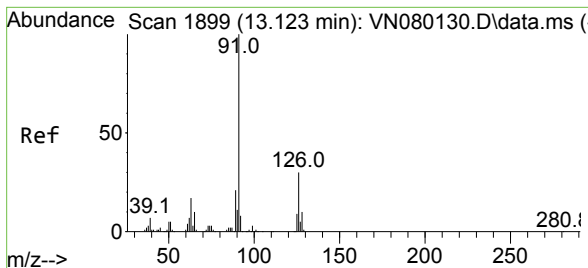
Tgt Ion: 91 Resp: 250210

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

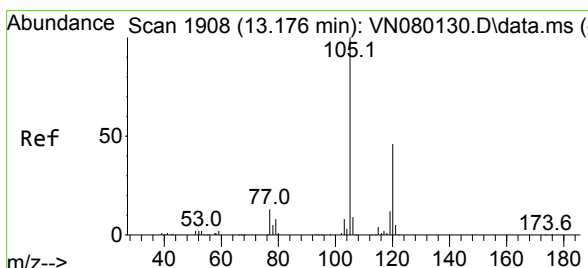
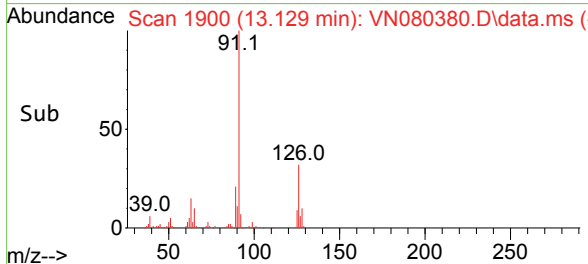
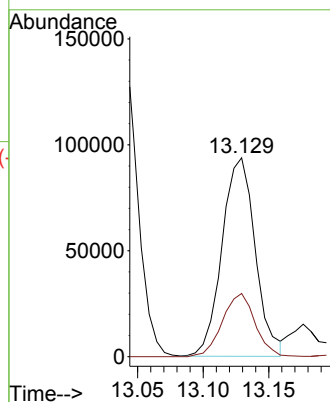
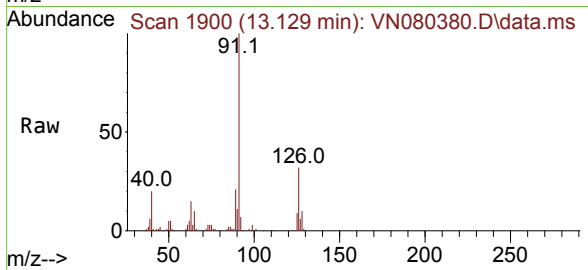




#79
2-Chlorotoluene
Concen: 20.566 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

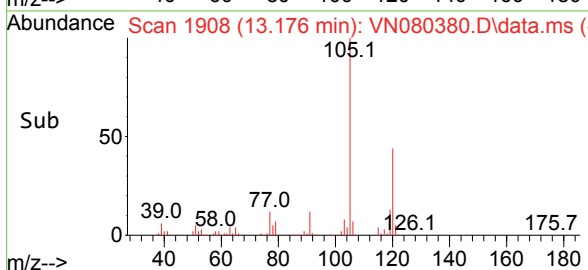
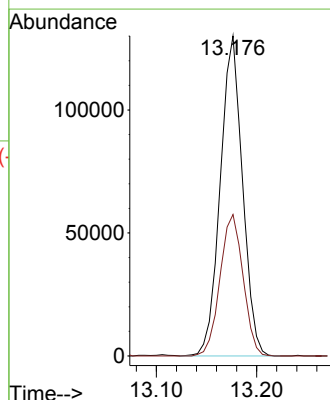
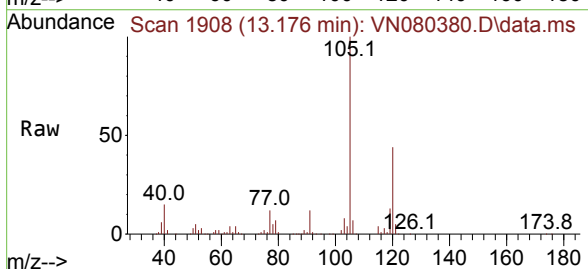
Instrument :
MSVOA_N
ClientSampleId :

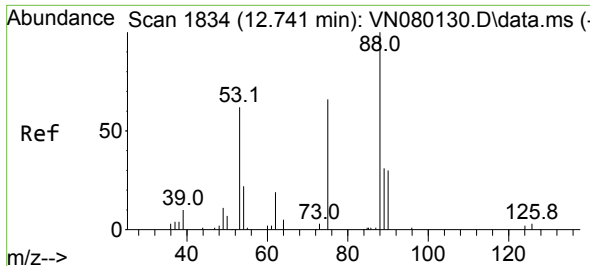
Tgt Ion: 91 Resp: 165510
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.715 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion:105 Resp: 199810
Ion Ratio Lower Upper
105 100
120 45.8 24.1 72.3

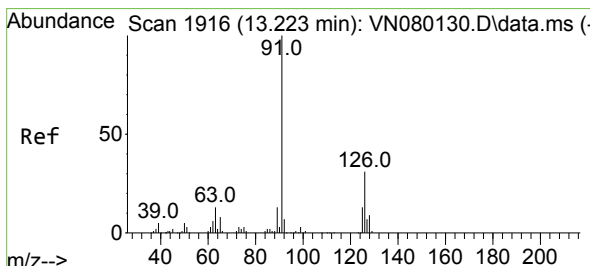
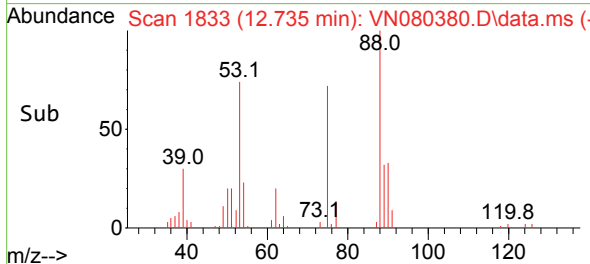
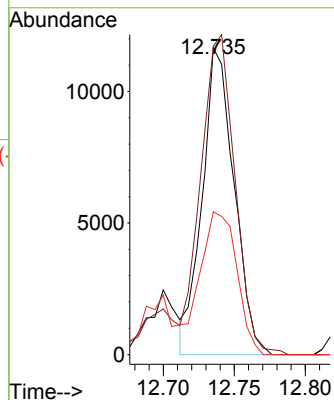
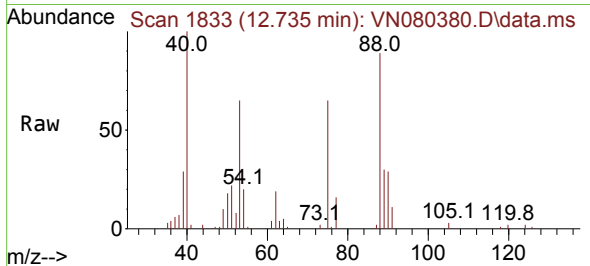




#81
 trans-1,4-Dichloro-2-butene
 Concen: 17.589 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN080380.D
 Acq: 06 Dec 2023 12:49

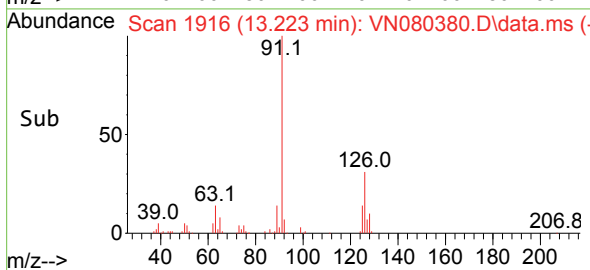
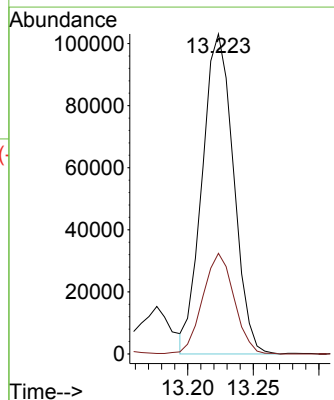
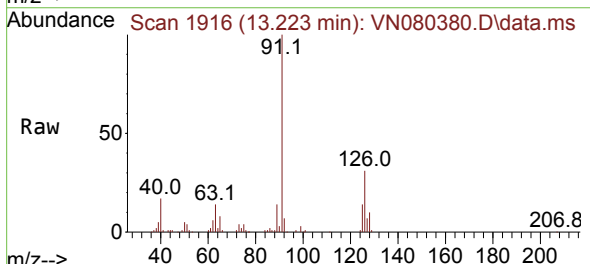
Instrument :
 MSVOA_N
 ClientSampleId :

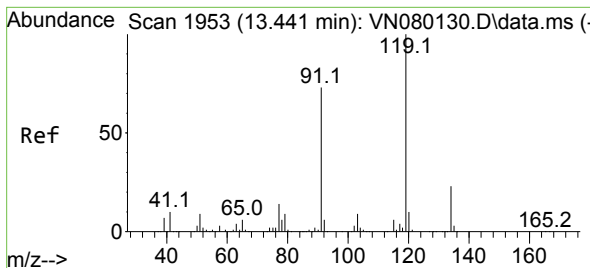
Tgt Ion	Ratio	Lower	Upper
75	100		
53	111.8	67.4	101.2#
89	53.6	38.8	58.2



#82
 4-Chlorotoluene
 Concen: 20.812 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN080380.D
 Acq: 06 Dec 2023 12:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.7	50.0





#83

tert-Butylbenzene

Concen: 20.333 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

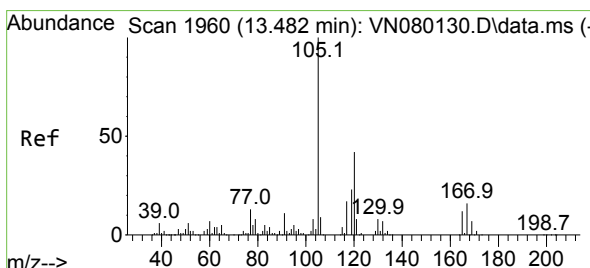
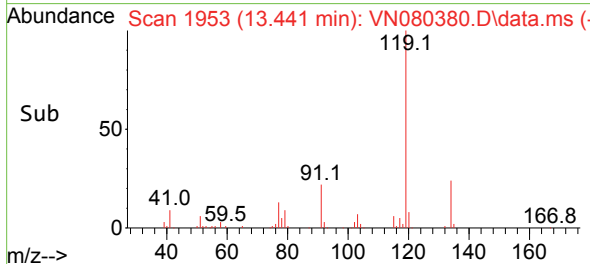
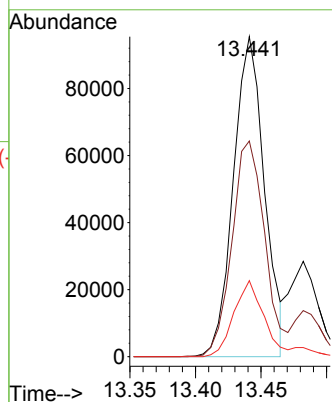
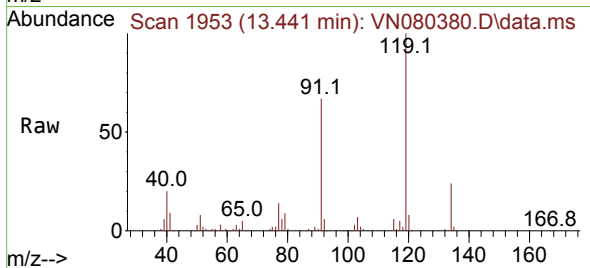
Tgt Ion:119 Resp: 157276

Ion Ratio Lower Upper

119 100

91 71.8 33.9 101.7

134 22.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 21.068 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080380.D

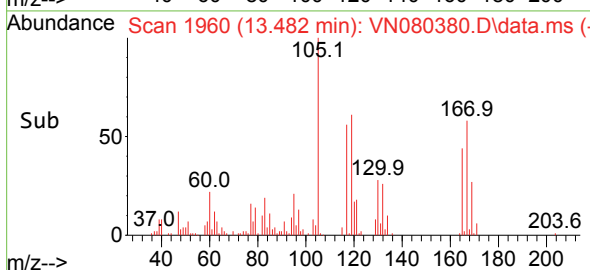
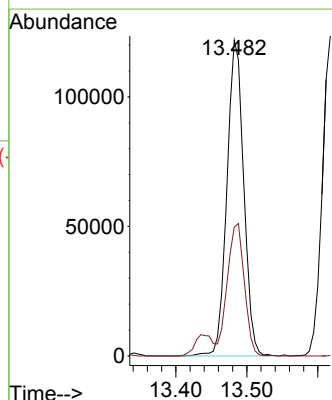
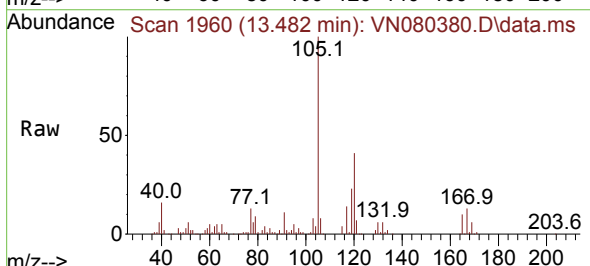
Acq: 06 Dec 2023 12:49

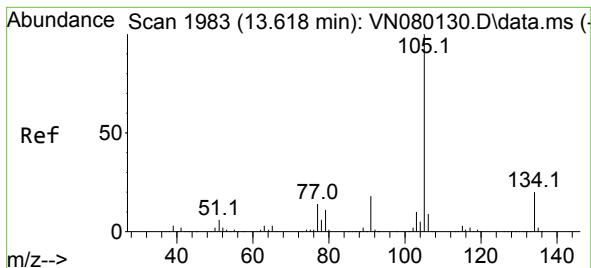
Tgt Ion:105 Resp: 200102

Ion Ratio Lower Upper

105 100

120 42.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.299 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min MSVOA_N

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

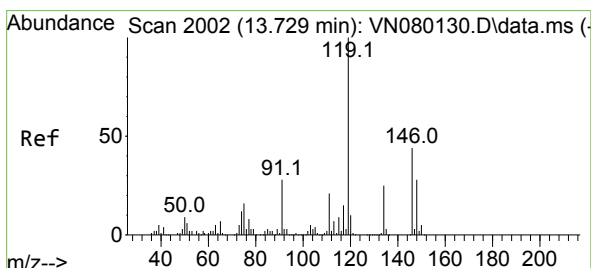
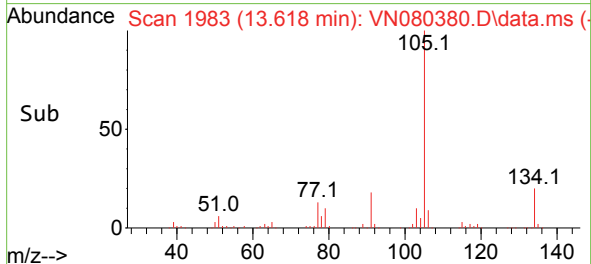
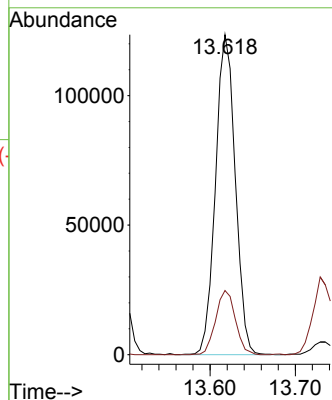
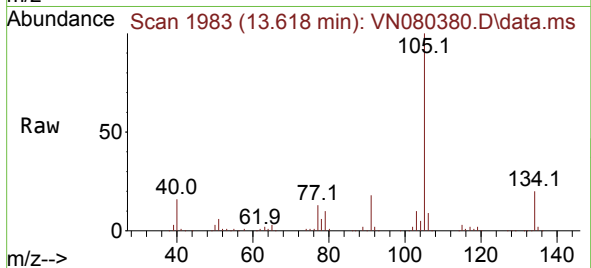
ClientSampleId :

Tgt Ion:105 Resp: 198630

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.685 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

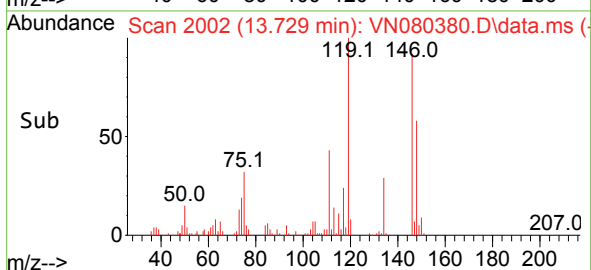
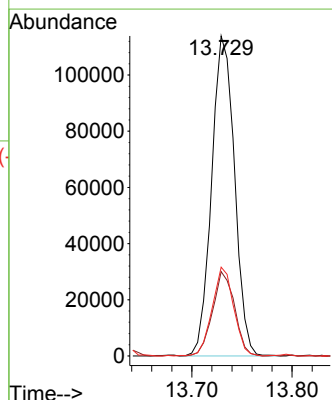
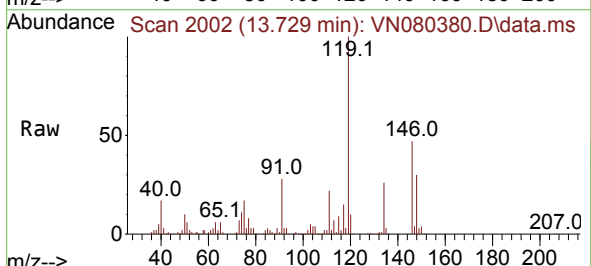
Tgt Ion:119 Resp: 180805

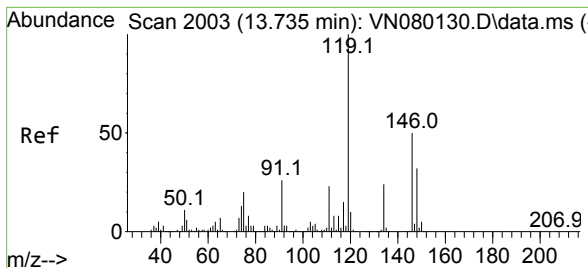
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 26.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.293 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

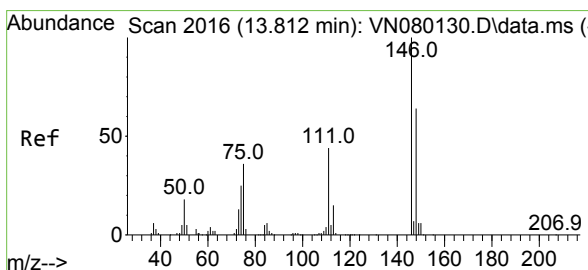
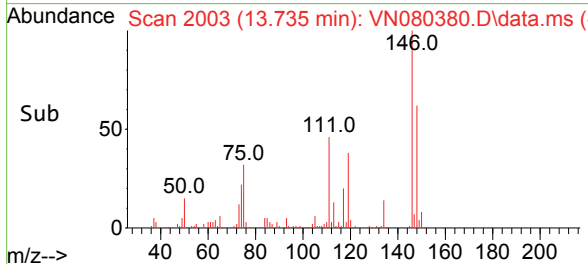
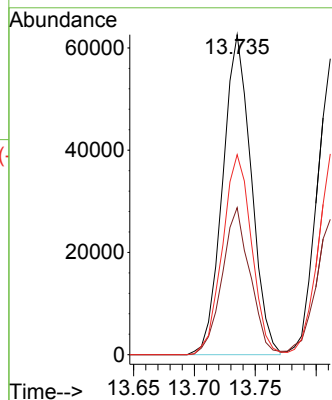
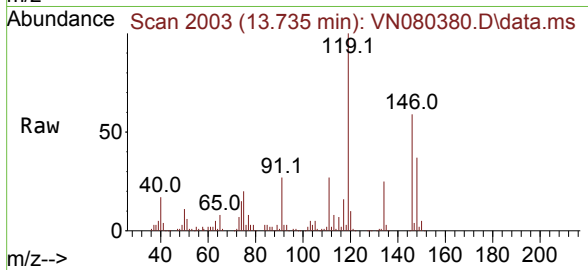
Tgt Ion:146 Resp: 102140

Ion Ratio Lower Upper

146 100

111 45.1 22.1 66.3

148 63.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.986 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

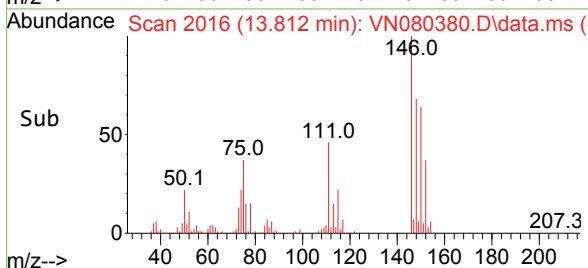
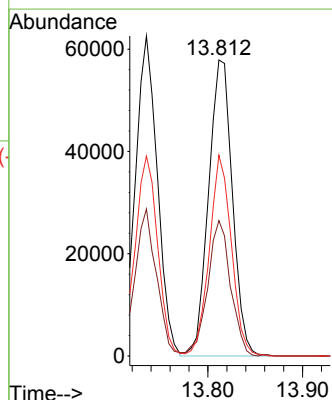
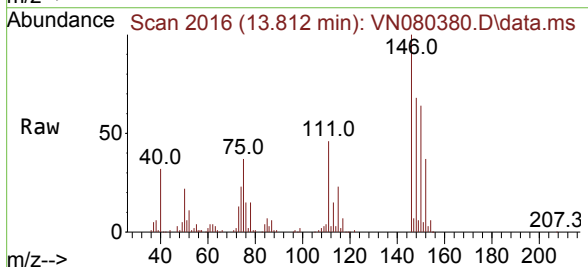
Tgt Ion:146 Resp: 101093

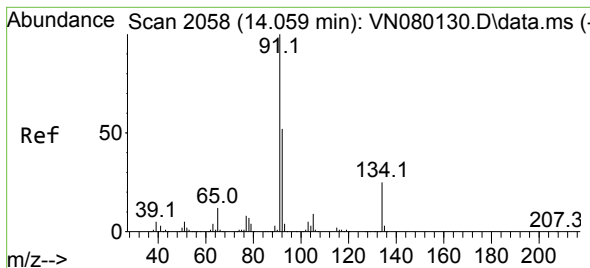
Ion Ratio Lower Upper

146 100

111 44.1 20.6 61.8

148 62.9 31.6 94.8





#89

n-Butylbenzene

Concen: 19.109 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

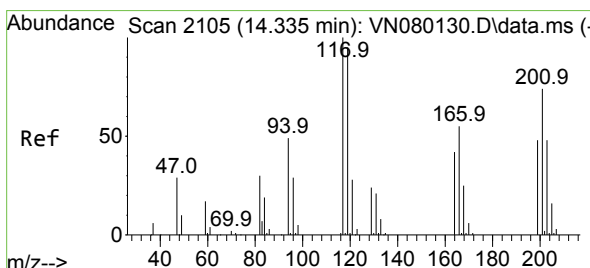
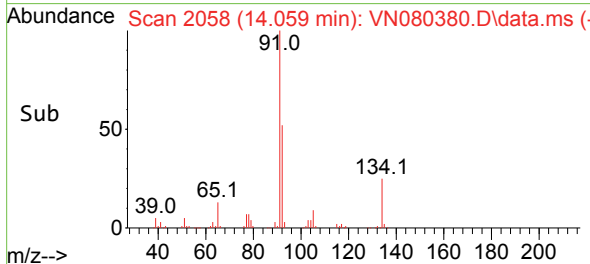
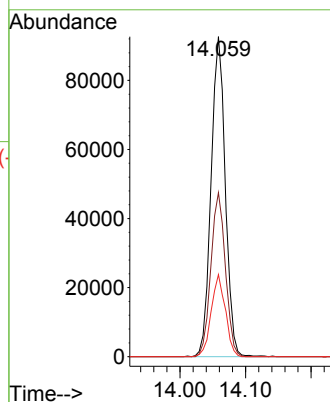
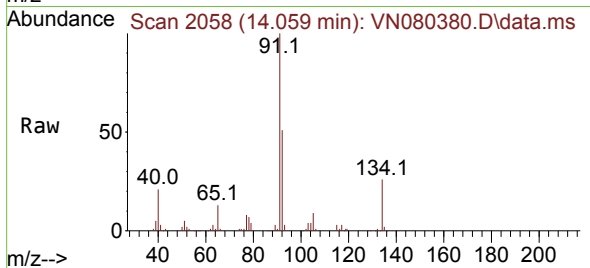
Tgt Ion: 91 Resp: 139803

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.0

134 25.5 12.6 37.6



#90

Hexachloroethane

Concen: 19.741 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080380.D

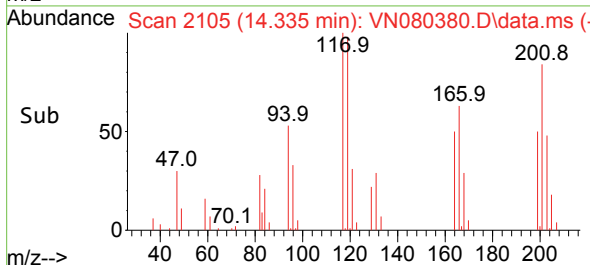
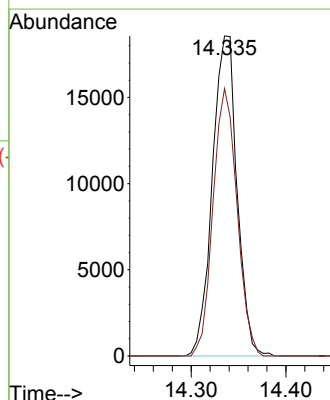
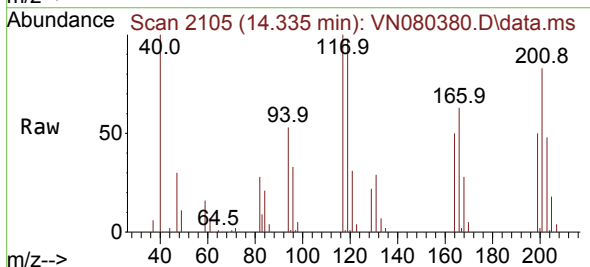
Acq: 06 Dec 2023 12:49

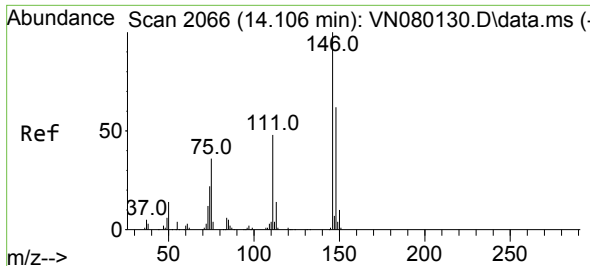
Tgt Ion: 117 Resp: 33640

Ion Ratio Lower Upper

117 100

201 81.1 29.3 88.0

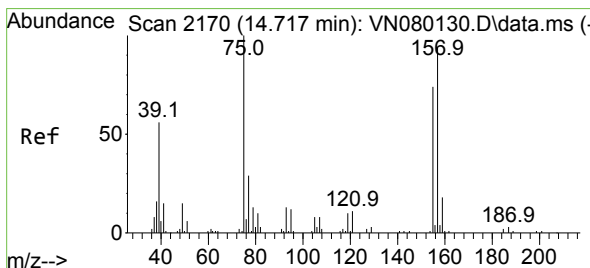
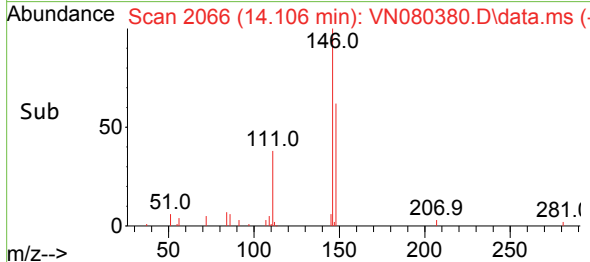
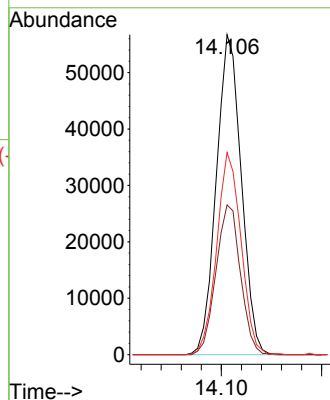
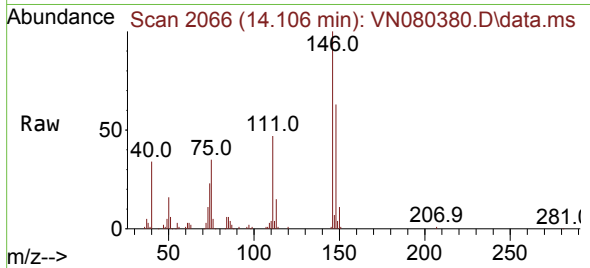




#91
1,2-Dichlorobenzene
Concen: 20.298 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

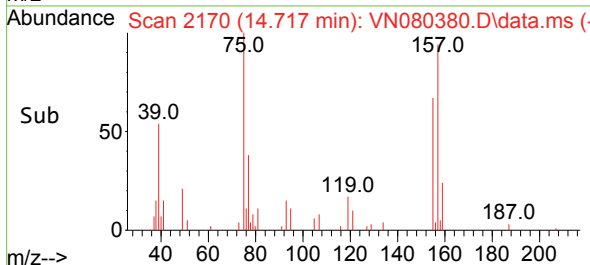
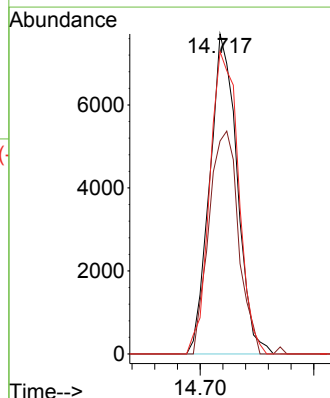
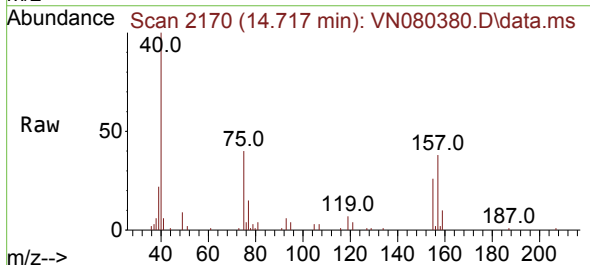
Instrument :
MSVOA_N
ClientSampleId :

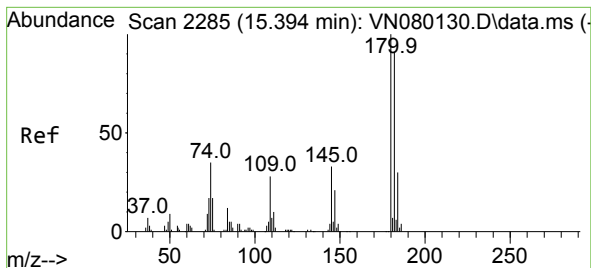
Tgt Ion:146 Resp: 97766
Ion Ratio Lower Upper
146 100
111 46.0 22.0 66.0
148 61.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.740 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN080380.D
Acq: 06 Dec 2023 12:49

Tgt Ion: 75 Resp: 12895
Ion Ratio Lower Upper
75 100
155 75.0 39.1 117.2
157 99.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.458 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

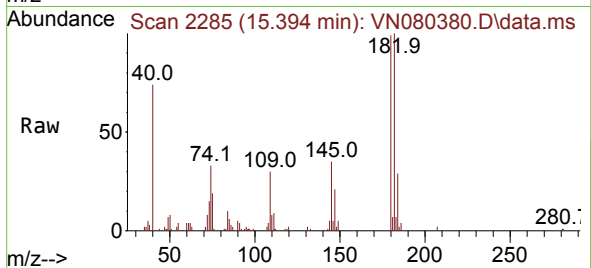
Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :



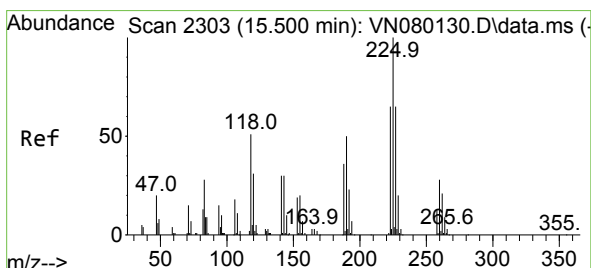
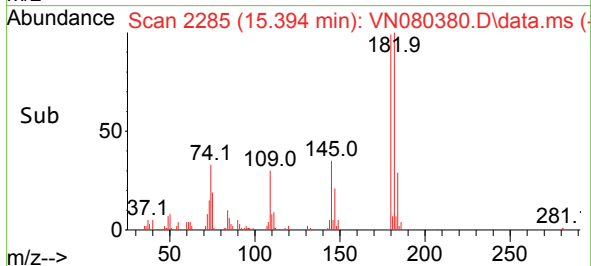
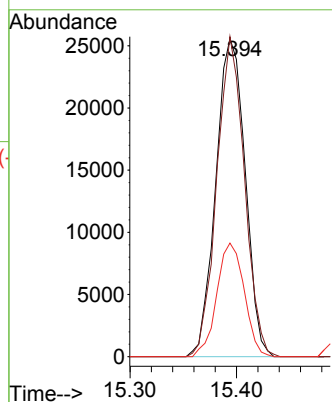
Tgt Ion:180 Resp: 48904

Ion Ratio Lower Upper

180 100

182 94.8 46.1 138.2

145 33.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 18.834 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

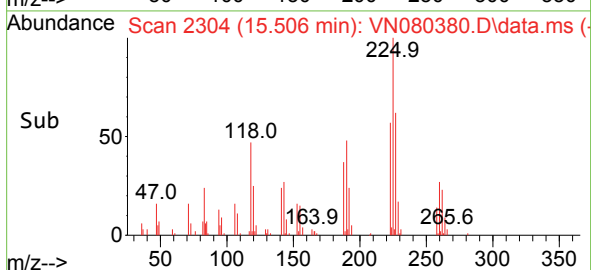
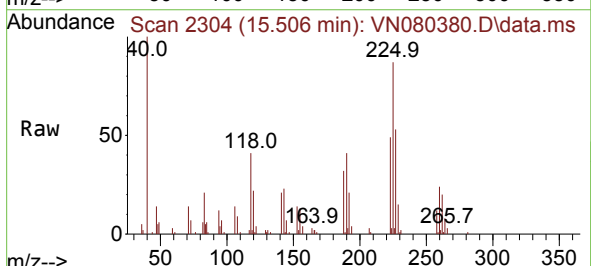
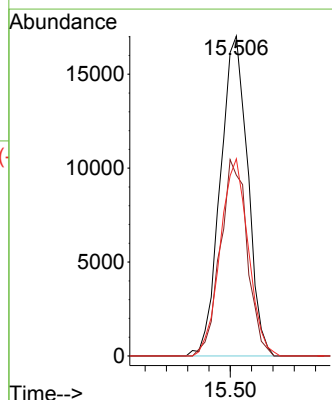
Tgt Ion:225 Resp: 30362

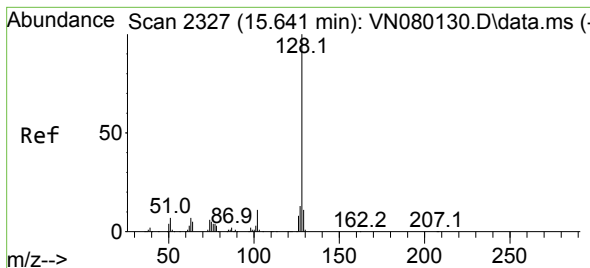
Ion Ratio Lower Upper

225 100

223 60.5 31.3 93.8

227 63.0 31.9 95.9





#95

Naphthalene

Concen: 15.933 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

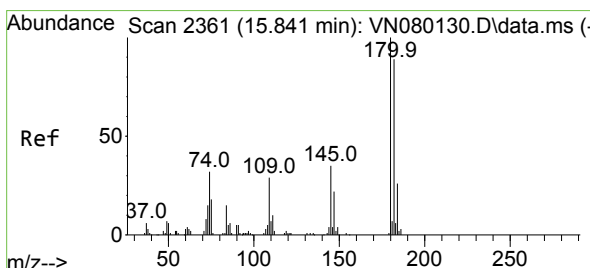
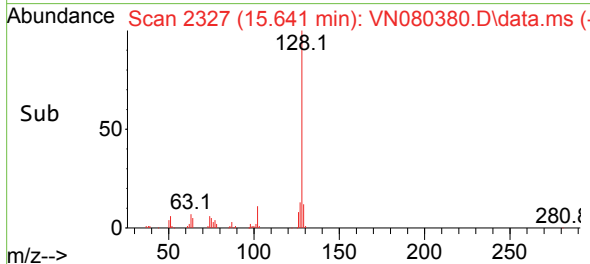
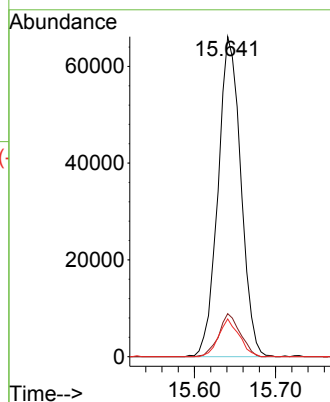
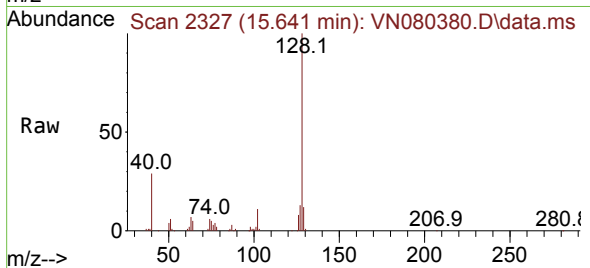
Tgt Ion:128 Resp: 129429

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.444 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080380.D

Acq: 06 Dec 2023 12:49

Tgt Ion:180 Resp: 45804

Ion Ratio Lower Upper

180 100

182 94.3 46.2 138.6

145 36.6 17.5 52.6

