

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080026.D
 Acq On : 09 Nov 2023 16:59
 Operator : JC\MD
 Sample : VN1109WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 10 00:36:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	300567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	511491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	468419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	214591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	252220	55.079	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.160%
35) Dibromofluoromethane	8.171	113	198361	54.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.580%
50) Toluene-d8	10.571	98	692822	51.986	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.980%
62) 4-Bromofluorobenzene	12.853	95	245089	55.451	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	62498	17.263	ug/l	97
3) Chloromethane	2.359	50	71851	15.087	ug/l	99
4) Vinyl Chloride	2.512	62	107468	22.677	ug/l	99
5) Bromomethane	2.959	94	36016	12.508	ug/l	94
6) Chloroethane	3.118	64	54070	14.439	ug/l	97
7) Trichlorofluoromethane	3.495	101	111965	18.995	ug/l	96
8) Diethyl Ether	3.965	74	42425	18.967	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	66734	19.530	ug/l	99
10) Methyl Iodide	4.589	142	64220	16.458	ug/l	98
11) Tert butyl alcohol	5.524	59	56239	96.208	ug/l	96
12) 1,1-Dichloroethene	4.342	96	57201	17.680	ug/l #	80
13) Acrolein	4.183	56	55030	108.505	ug/l	96
14) Allyl chloride	5.018	41	107656	21.726	ug/l #	86
15) Acrylonitrile	5.718	53	197740	108.548	ug/l	98
16) Acetone	4.430	43	179237	111.431	ug/l	95
17) Carbon Disulfide	4.712	76	148078	15.868	ug/l	99
18) Methyl Acetate	5.024	43	170019	22.093	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	227224	20.400	ug/l	94
20) Methylene Chloride	5.283	84	79905	19.687	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	66427	18.410	ug/l #	80
22) Diisopropyl ether	6.677	45	249235	21.704	ug/l #	89
23) Vinyl Acetate	6.606	43	627858	99.122	ug/l #	87
24) 1,1-Dichloroethane	6.565	63	144104	20.646	ug/l	96
25) 2-Butanone	7.483	43	255109	108.307	ug/l #	82
26) 2,2-Dichloropropane	7.489	77	113141	19.600	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	82753	19.173	ug/l	87
28) Bromochloromethane	7.818	49	84263	24.773	ug/l #	75
29) Tetrahydrofuran	7.847	42	165984	108.312	ug/l #	76
30) Chloroform	7.971	83	155063	20.453	ug/l	97
31) Cyclohexane	8.259	56	105771	17.480	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	126227	20.434	ug/l	95
36) 1,1-Dichloropropene	8.371	75	101775	19.690	ug/l	95
37) Ethyl Acetate	7.559	43	109380	23.073	ug/l #	90
38) Carbon Tetrachloride	8.365	117	108505	20.829	ug/l	93
39) Methylcyclohexane	9.606	83	84890	17.451	ug/l #	84
40) Benzene	8.612	78	316923	20.471	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	55687	22.121	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	122815	22.711	ug/l	98
43) Isopropyl Acetate	8.694	43	166842	20.069	ug/l #	92
44) Trichloroethene	9.359	130	76982	20.039	ug/l	93
45) 1,2-Dichloropropane	9.624	63	87937	22.226	ug/l	95
46) Dibromomethane	9.712	93	58362	21.603	ug/l	96
47) Bromodichloromethane	9.894	83	122605	21.280	ug/l	99
48) Methyl methacrylate	9.688	41	80827	22.197	ug/l #	79
49) 1,4-Dioxane	9.700	88	29238	454.407	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	544785	116.397	ug/l	90
52) Toluene	10.635	92	191259	20.838	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	117609	20.823	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	131077	21.292	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	82620	22.380	ug/l	96
56) Ethyl methacrylate	10.877	69	110735	21.029	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	144002	22.130	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	244413	91.579	ug/l	91
59) 2-Hexanone	11.200	43	391561	109.359	ug/l	88
60) Dibromochloromethane	11.365	129	85476	21.631	ug/l	99
61) 1,2-Dibromoethane	11.471	107	80259	21.661	ug/l	96
64) Tetrachloroethene	11.106	164	73344	24.176	ug/l	95
65) Chlorobenzene	11.894	112	201252	19.806	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	79307	21.663	ug/l	97
67) Ethyl Benzene	11.965	91	339198	19.161	ug/l	95
68) m/p-Xylenes	12.076	106	259801	39.396	ug/l	93
69) o-Xylene	12.406	106	125229	19.720	ug/l	94
70) Styrene	12.418	104	206295	20.214	ug/l	96
71) Bromoform	12.582	173	58791	22.616	ug/l #	96
73) Isopropylbenzene	12.700	105	306902	18.844	ug/l	100
74) N-amyl acetate	12.500	43	125864	17.706	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	120695	20.902	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	146846	29.148	ug/l	71
77) Bromobenzene	12.988	156	81523	20.446	ug/l	92
78) n-propylbenzene	13.041	91	366798	19.667	ug/l	98
79) 2-Chlorotoluene	13.129	91	240962	20.225	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	257051	20.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	33180	17.919	ug/l #	74
82) 4-Chlorotoluene	13.229	91	242165	20.454	ug/l	98
83) tert-Butylbenzene	13.441	119	209290	20.178	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	258119	20.705	ug/l	99
85) sec-Butylbenzene	13.623	105	282849	19.683	ug/l	99
86) p-Isopropyltoluene	13.735	119	225756	19.269	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	141788	19.115	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	145505	19.326	ug/l	99
89) n-Butylbenzene	14.059	91	189958	18.825	ug/l	97
90) Hexachloroethane	14.335	117	45486	19.604	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	141629	20.227	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21132	21.580	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	62424	18.749	ug/l	98
94) Hexachlorobutadiene	15.506	225	29943	19.839	ug/l	97
95) Naphthalene	15.647	128	180147	15.955	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	61451	18.829	ug/l	98

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Response via : Initial Calibration

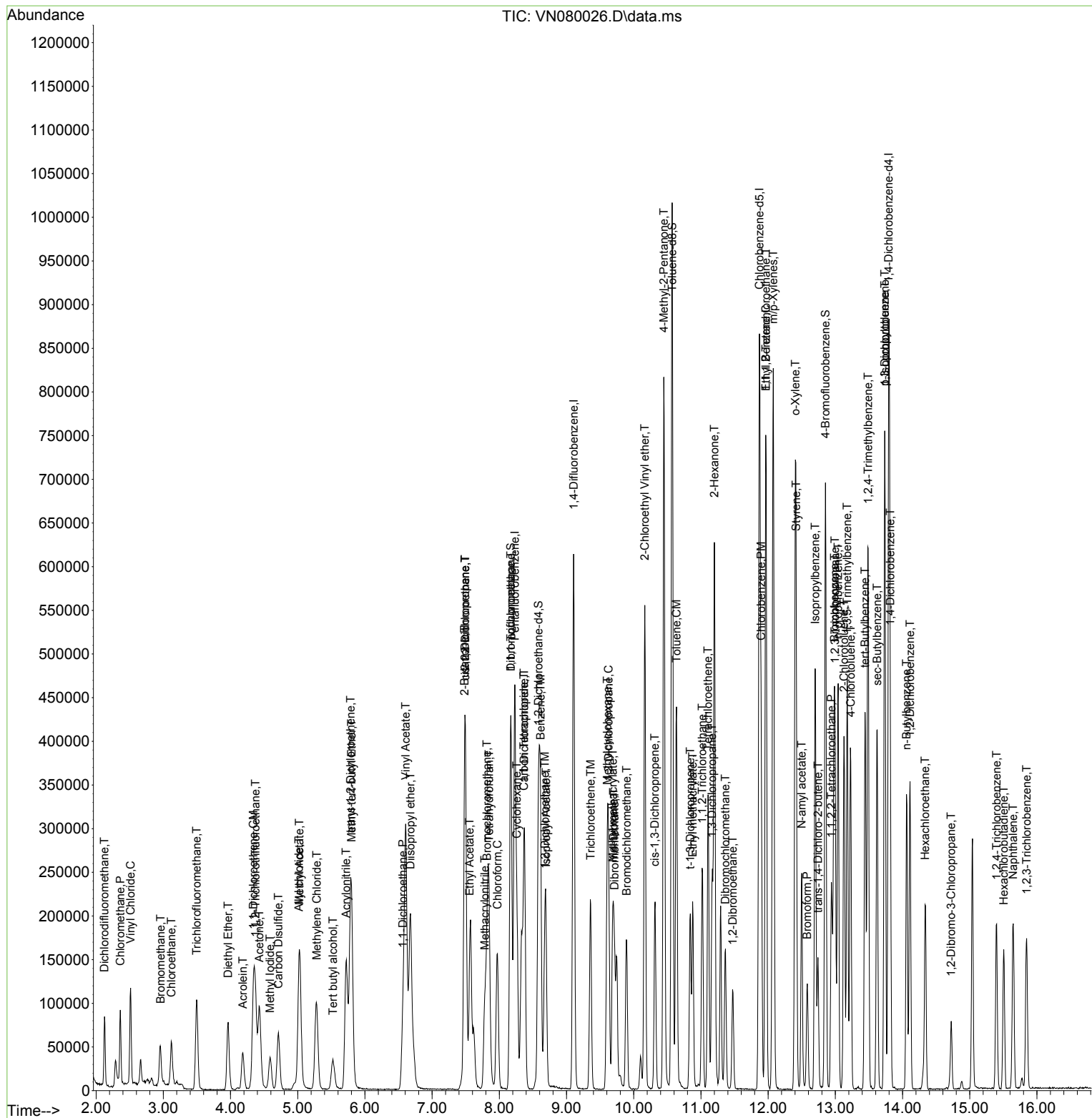
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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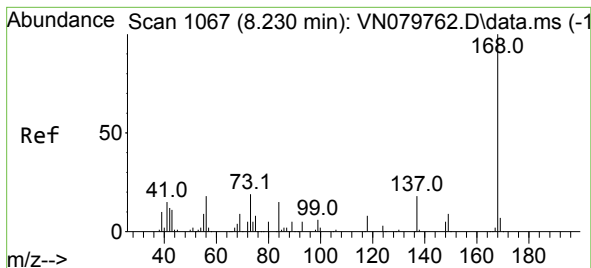
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. 0.001 min

Lab File: VN080026.D

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Instrument :

MSVOA_N

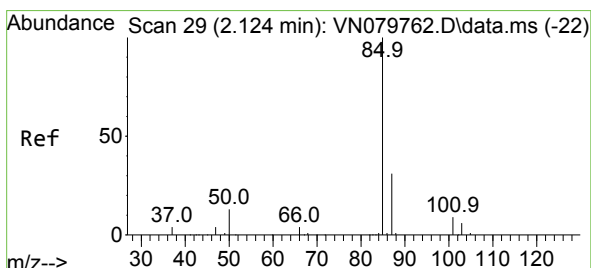
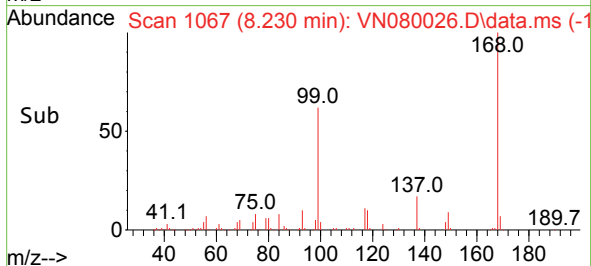
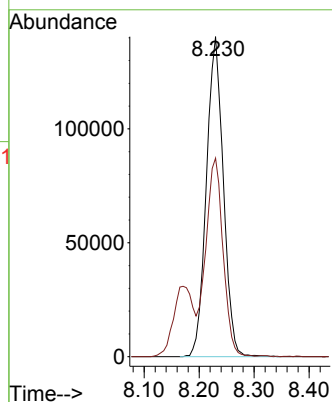
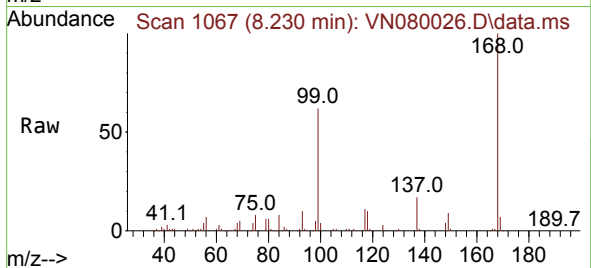
ClientSampleId :

Tgt Ion:168 Resp: 300567

Ion Ratio Lower Upper

168 100

99 62.0 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 17.263 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080026.D

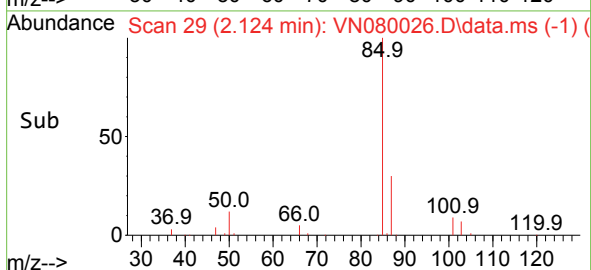
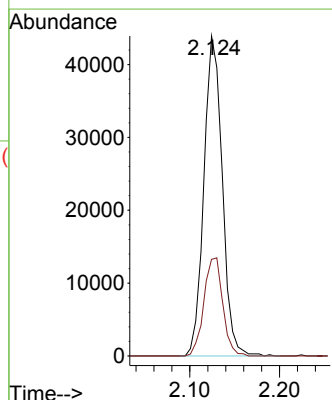
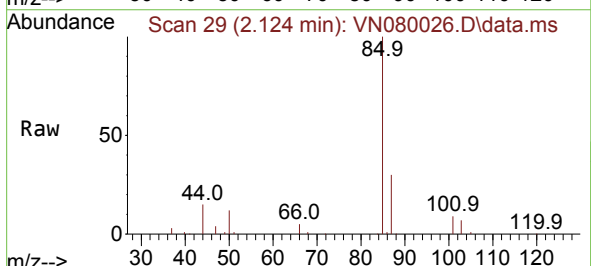
Acq: 09 Nov 2023 16:59

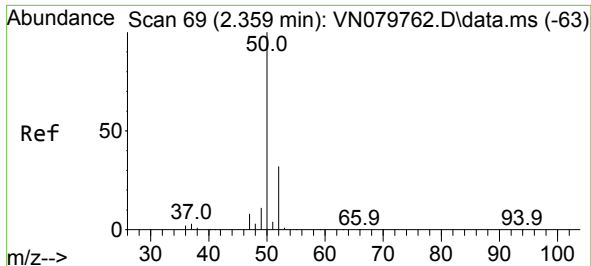
Tgt Ion: 85 Resp: 62498

Ion Ratio Lower Upper

85 100

87 30.2 15.8 47.4

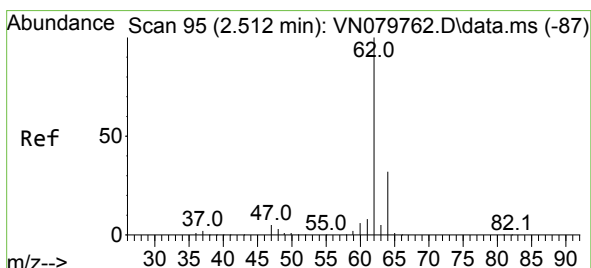
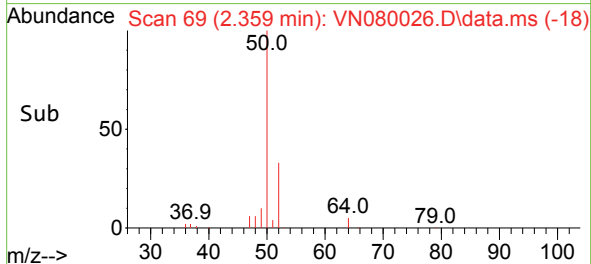
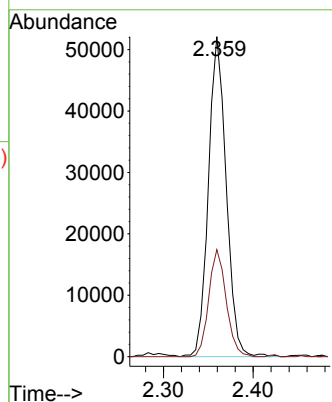
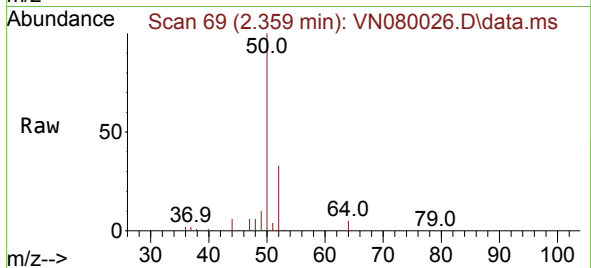




#3
Chloromethane
Concen: 15.087 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080026.D
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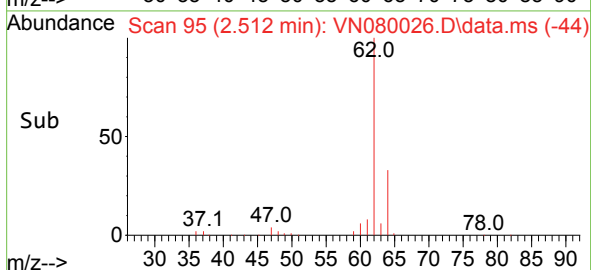
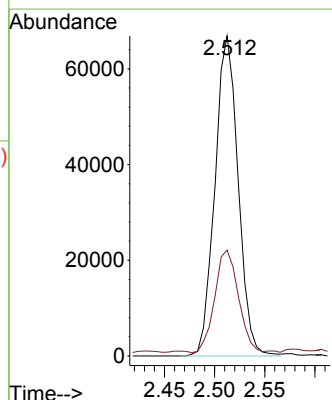
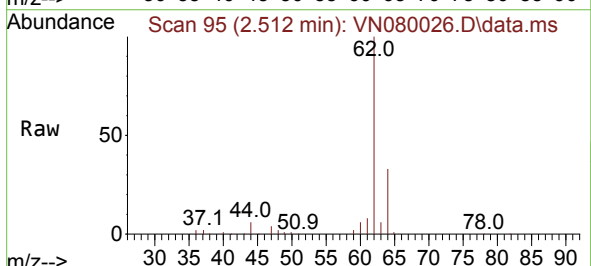
Instrument :
MSVOA_N
ClientSampleId :

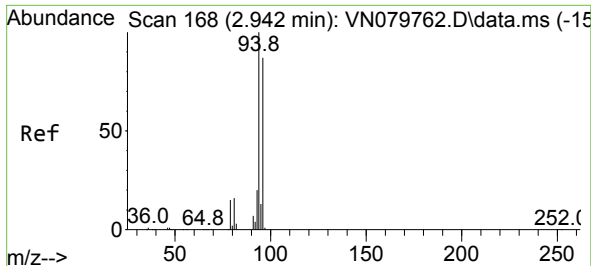
Tgt Ion: 50 Resp: 71851
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 22.677 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 62 Resp: 107468
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2

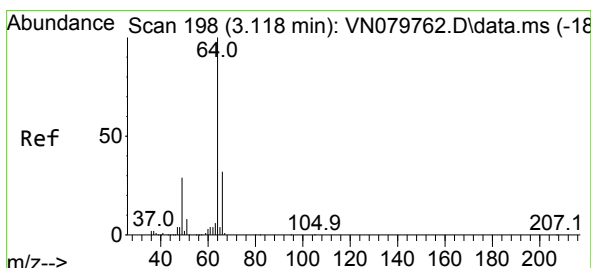
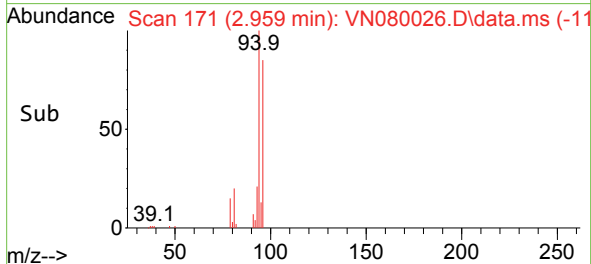
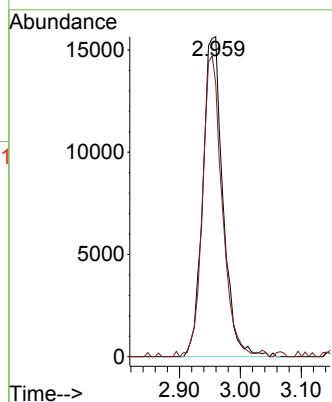
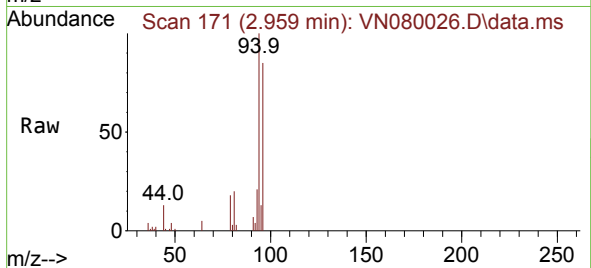




#5
Bromomethane
Concen: 12.508 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080026.D
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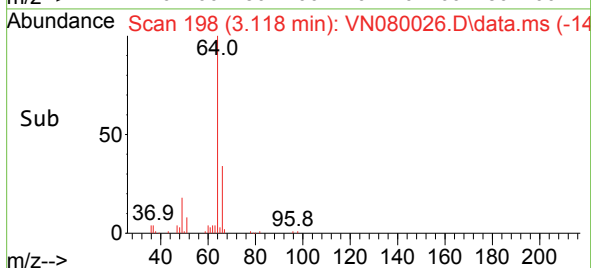
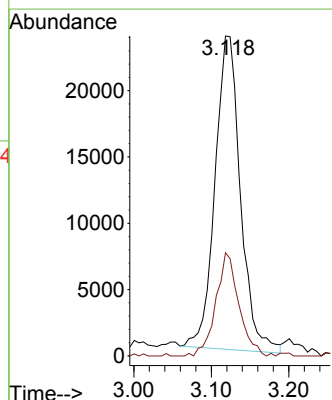
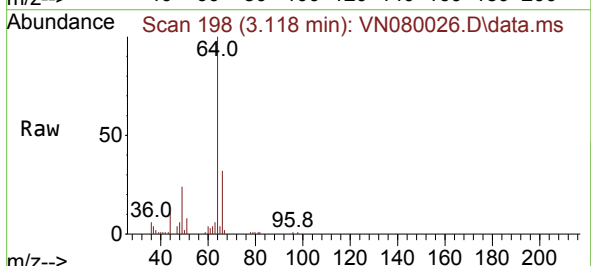
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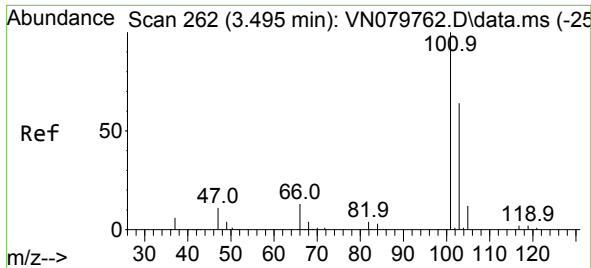
Tgt Ion: 94 Resp: 36016
Ion Ratio Lower Upper
94 100
96 85.4 73.1 109.7



#6
Chloroethane
Concen: 14.439 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 64 Resp: 54070
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.2

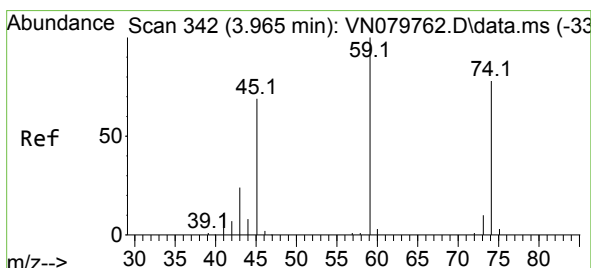
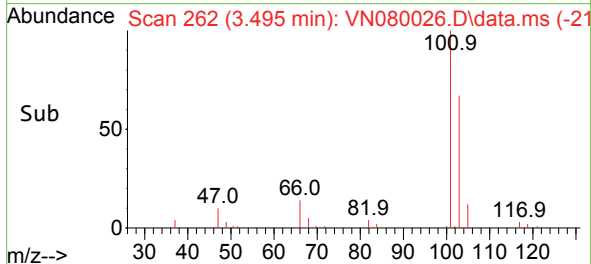
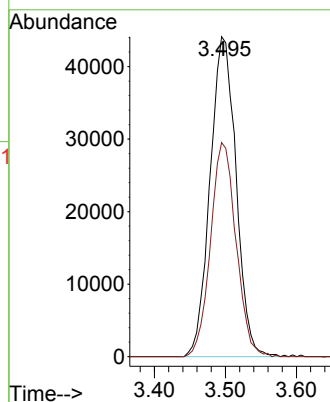
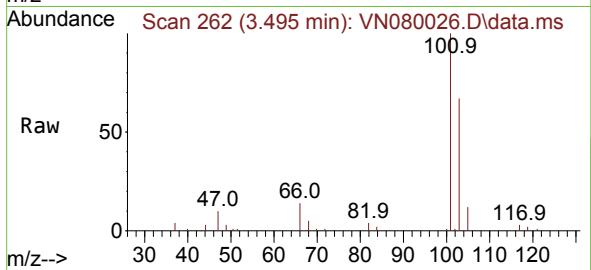




#7
Trichlorofluoromethane
Concen: 18.995 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

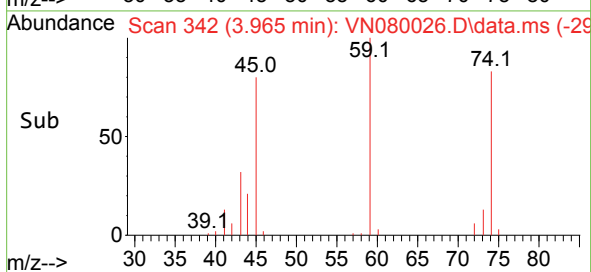
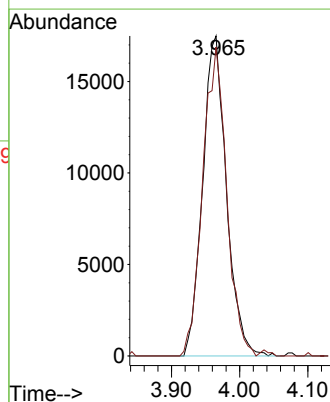
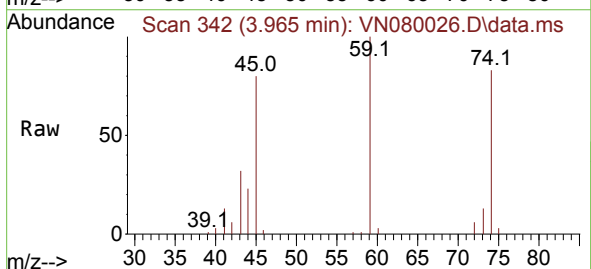
Instrument :
MSVOA_N
ClientSampleId :

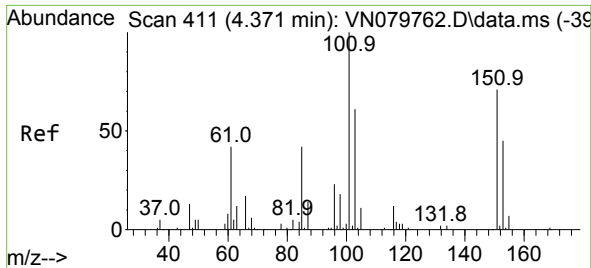
Tgt Ion:101 Resp: 111965
Ion Ratio Lower Upper
101 100
103 66.9 50.7 76.1



#8
Diethyl Ether
Concen: 18.967 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 74 Resp: 42425
Ion Ratio Lower Upper
74 100
45 97.3 34.4 103.3

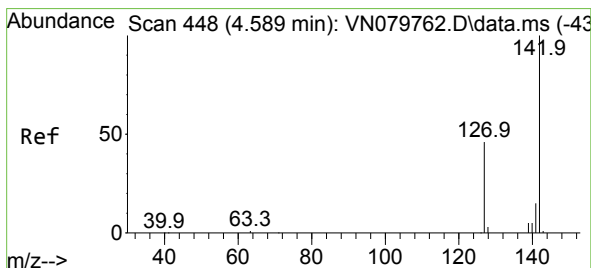
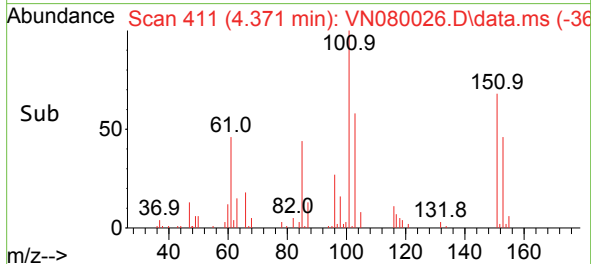
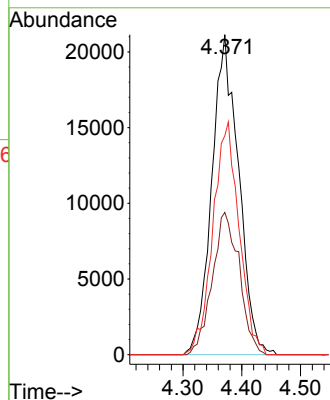
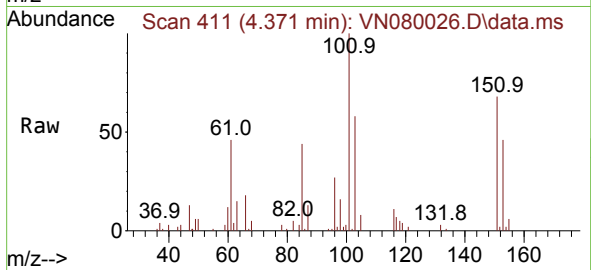




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.530 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

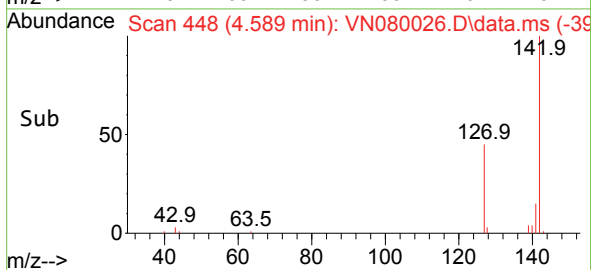
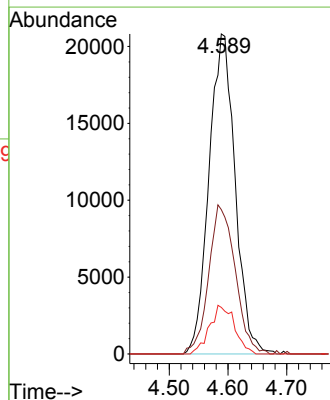
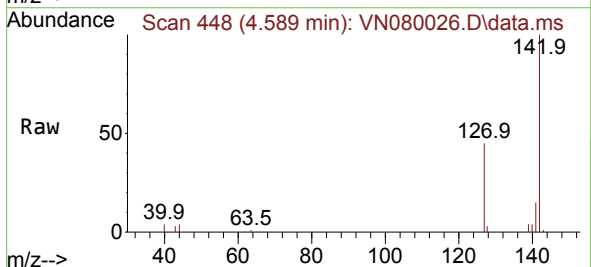
Instrument :
MSVOA_N
ClientSampleId :

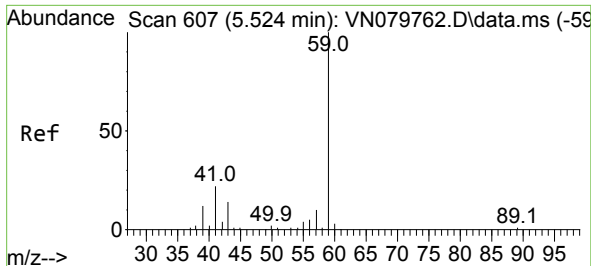
Tgt Ion:101 Resp: 66734
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 71.4 57.6 86.4



#10
Methyl Iodide
Concen: 16.458 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion:142 Resp: 64220
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.6 11.4 17.0

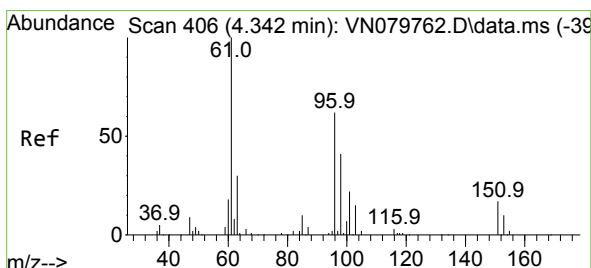
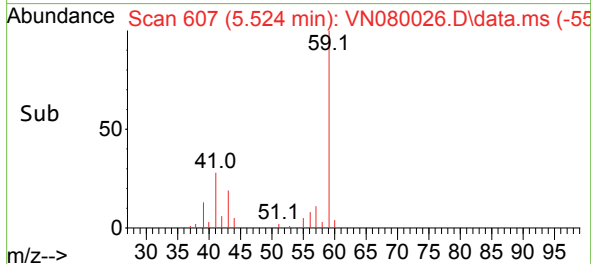
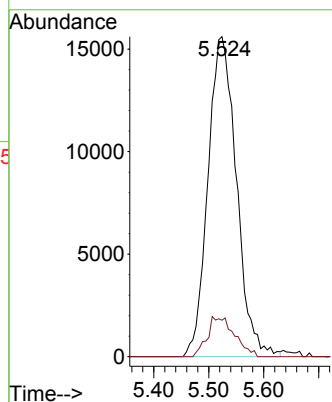
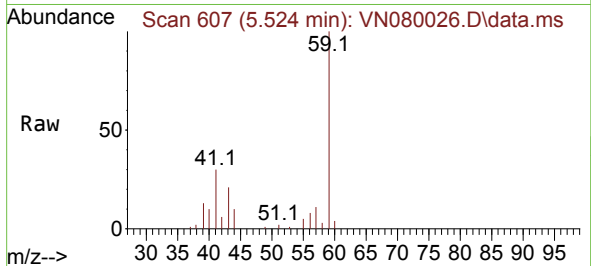




#11
Tert butyl alcohol
Concen: 96.208 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

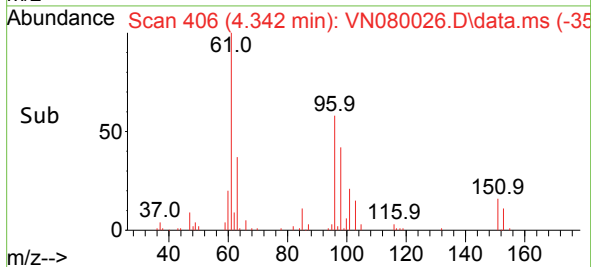
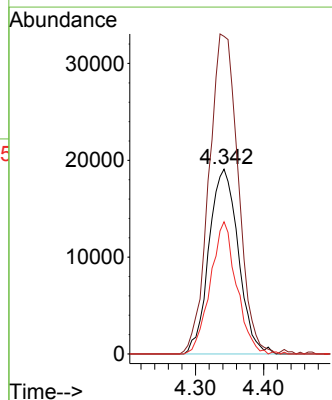
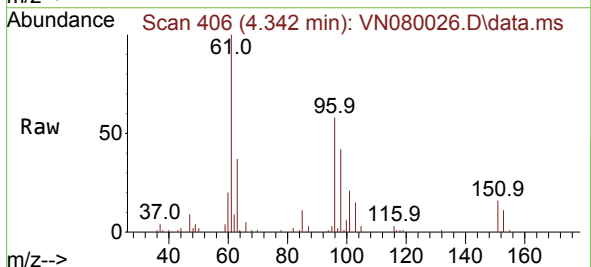
Instrument :
MSVOA_N
ClientSampleId :

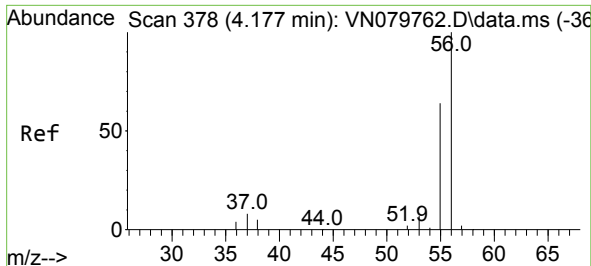
Tgt Ion: 59 Resp: 56239
Ion Ratio Lower Upper
59 100
57 11.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.680 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

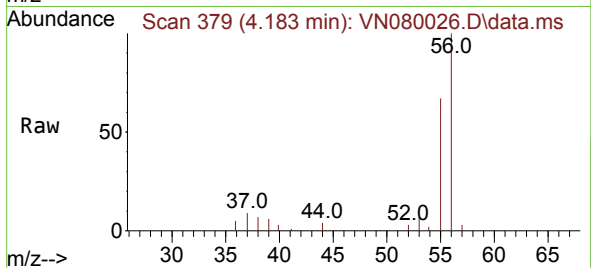
Tgt Ion: 96 Resp: 57201
Ion Ratio Lower Upper
96 100
61 171.9 112.7 169.1#
98 71.5 51.2 76.8



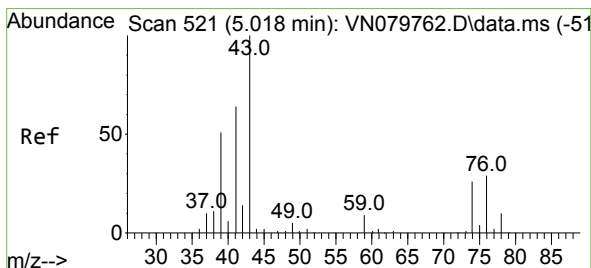
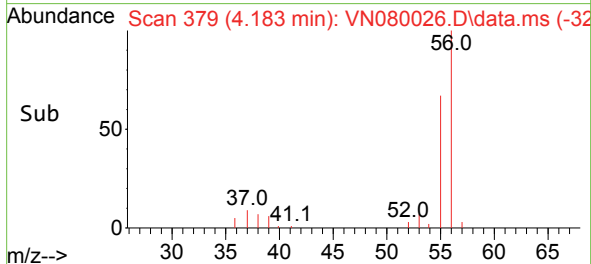
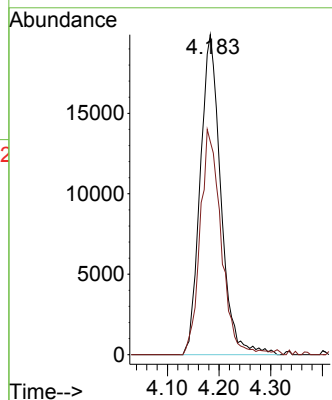


#13
Acrolein
Concen: 108.505 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :

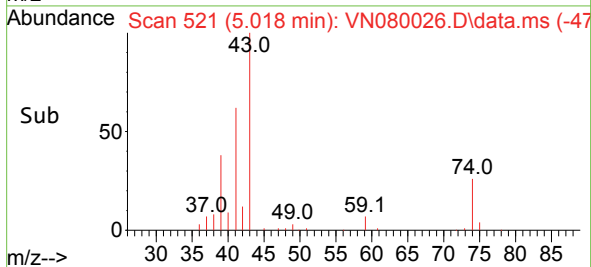
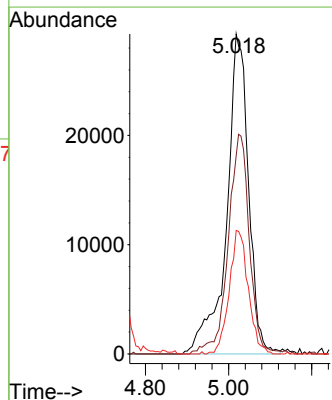
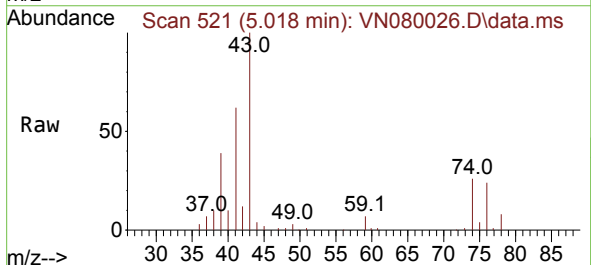


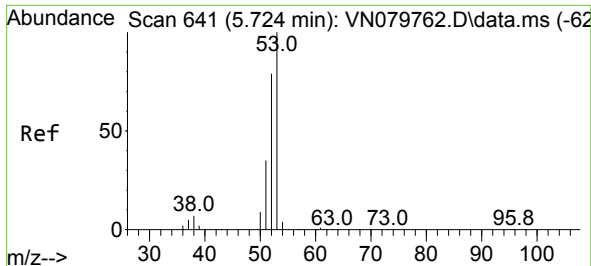
Tgt Ion: 56 Resp: 55030
Ion Ratio Lower Upper
56 100
55 71.0 54.5 81.7



#14
Allyl chloride
Concen: 21.726 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

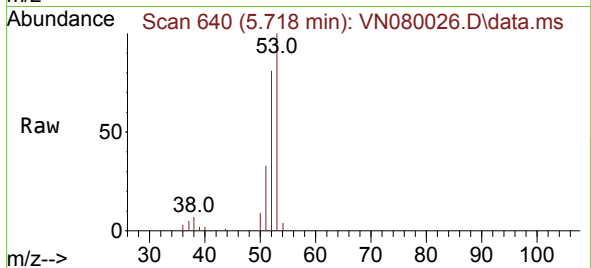
Tgt Ion: 41 Resp: 107656
Ion Ratio Lower Upper
41 100
39 66.0 58.8 88.2
76 33.3 39.1 58.7#



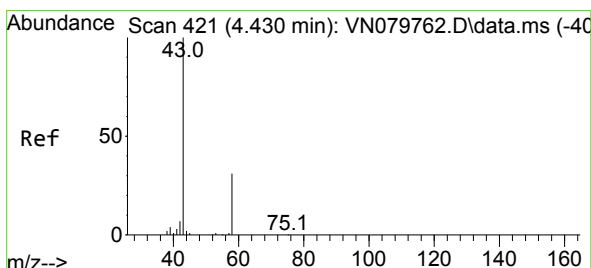
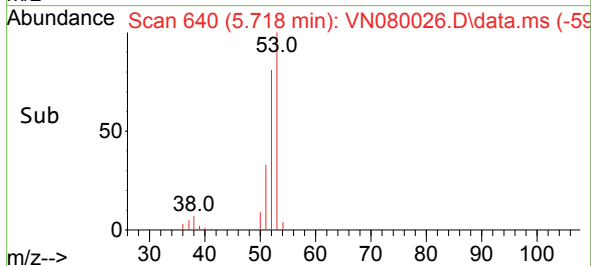
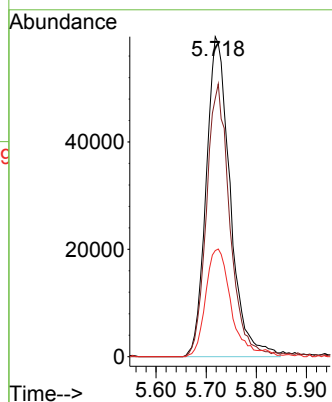


#15
Acrylonitrile
Concen: 108.548 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :

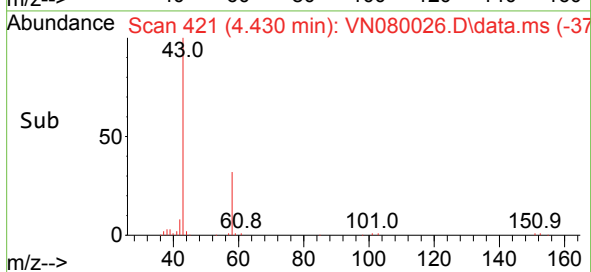
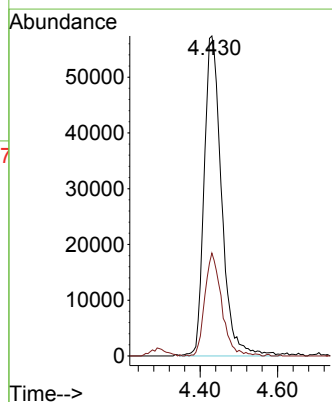
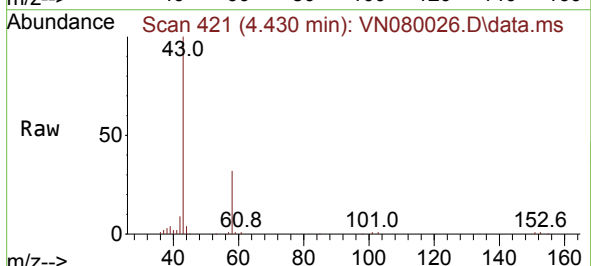


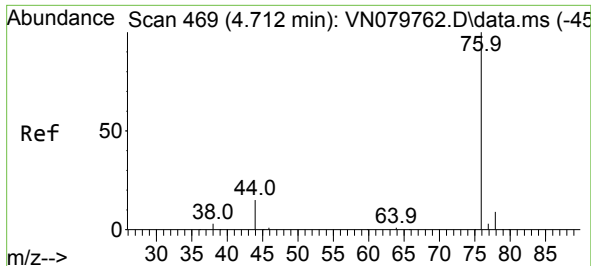
Tgt Ion: 53 Resp: 197740
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 35.2 28.9 43.3



#16
Acetone
Concen: 111.431 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

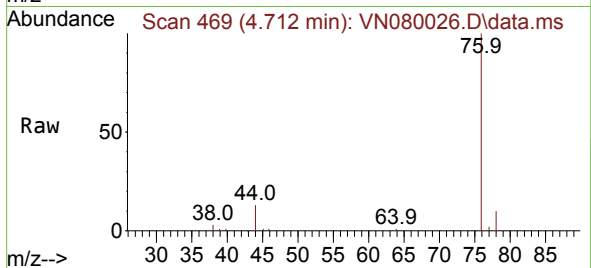
Tgt Ion: 43 Resp: 179237
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0



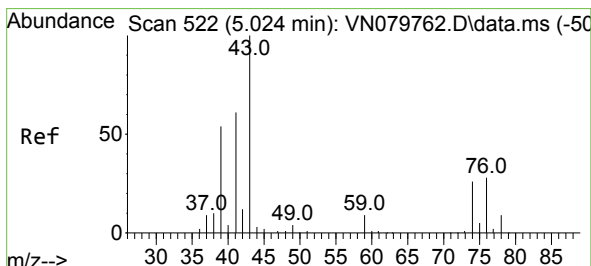
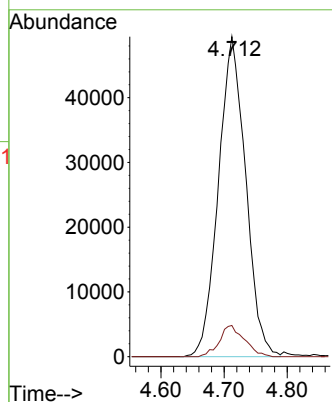
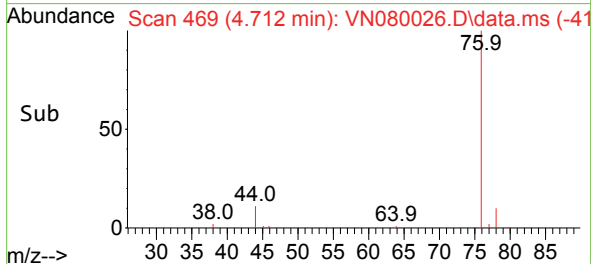


#17
Carbon Disulfide
Concen: 15.868 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :

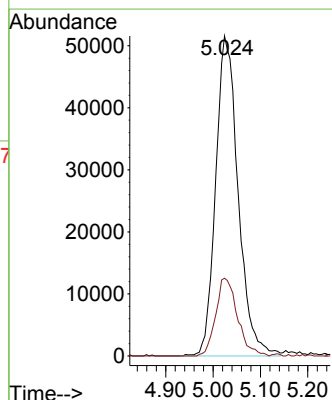
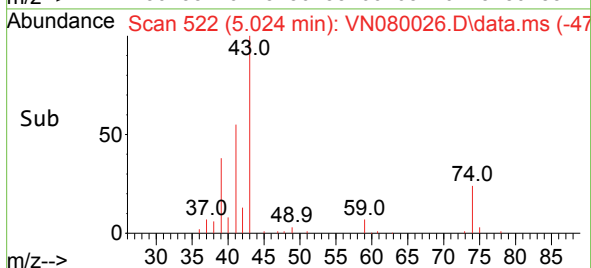
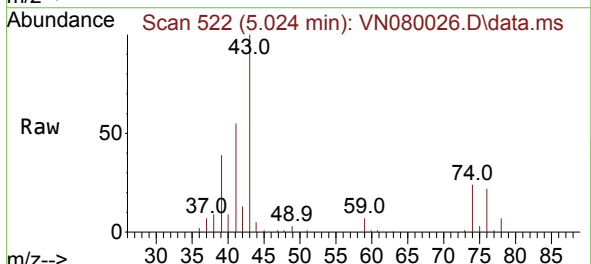


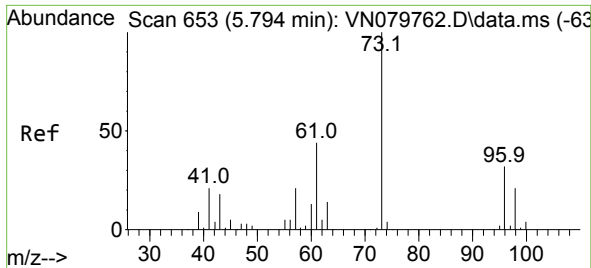
Tgt Ion: 76 Resp: 148078
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 22.093 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 43 Resp: 170019
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#

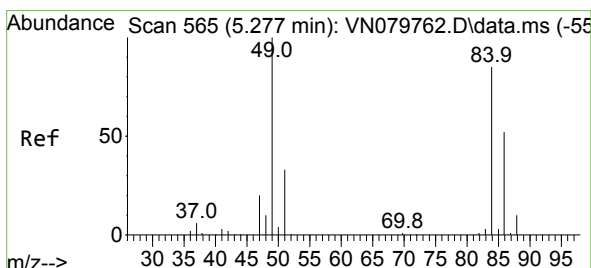
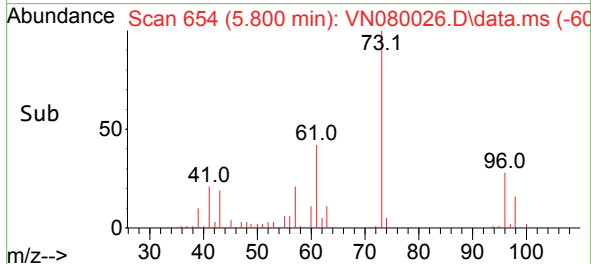
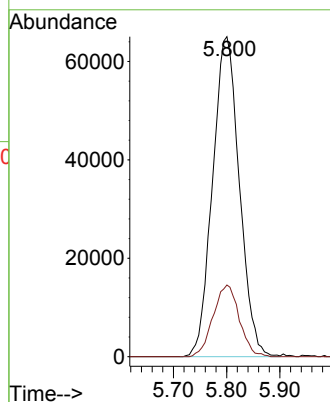
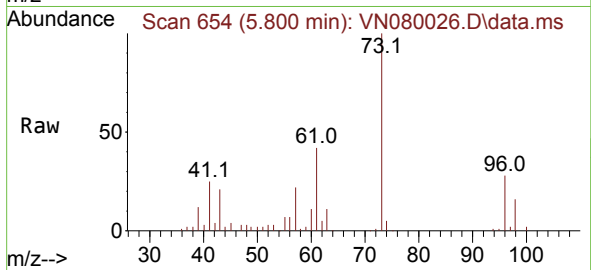




#19
Methyl tert-butyl Ether
Concen: 20.400 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

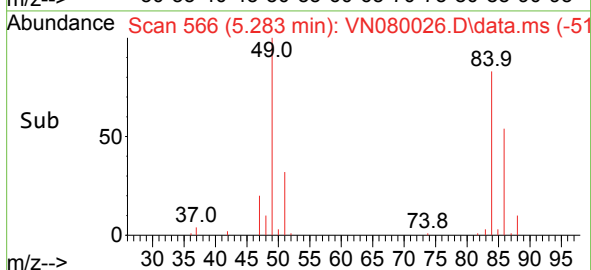
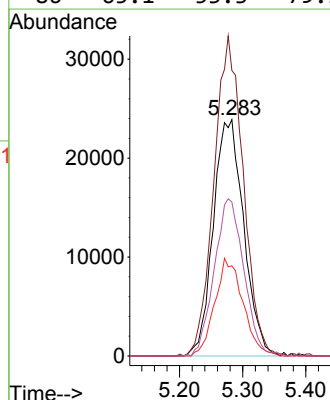
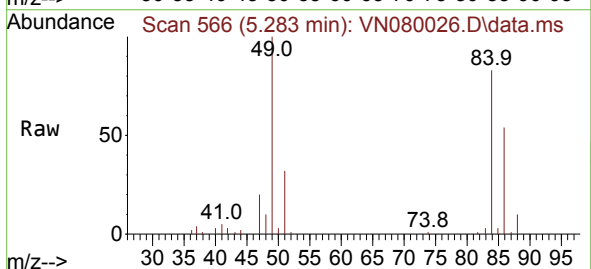
Instrument :
MSVOA_N
ClientSampleId :

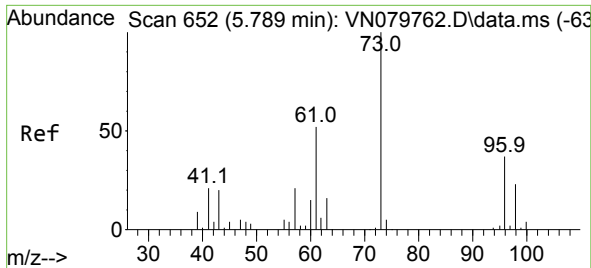
Tgt Ion: 73 Resp: 227224
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4



#20
Methylene Chloride
Concen: 19.687 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 84 Resp: 79905
Ion Ratio Lower Upper
84 100
49 120.0 79.7 119.5#
51 38.1 25.2 37.8#
86 65.1 53.3 79.9

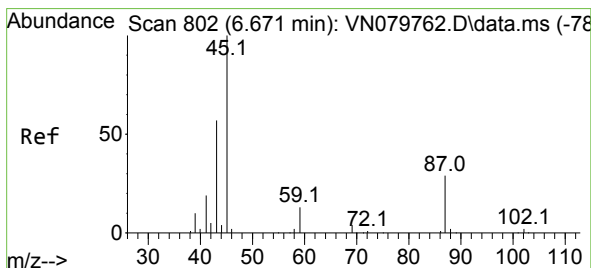
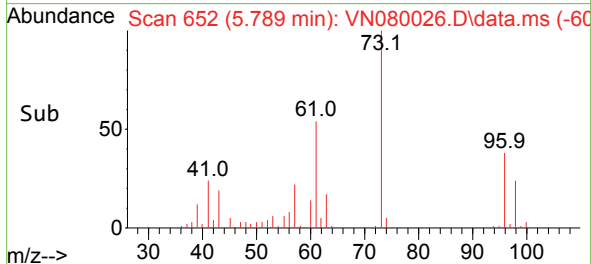
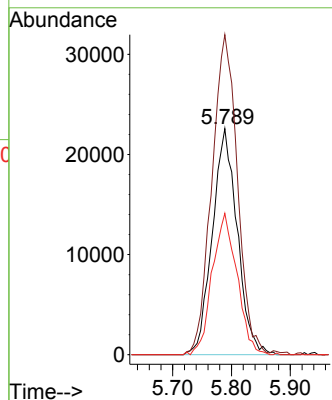
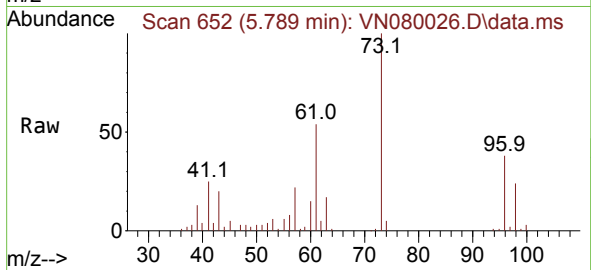




#21
trans-1,2-Dichloroethene
Concen: 18.410 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

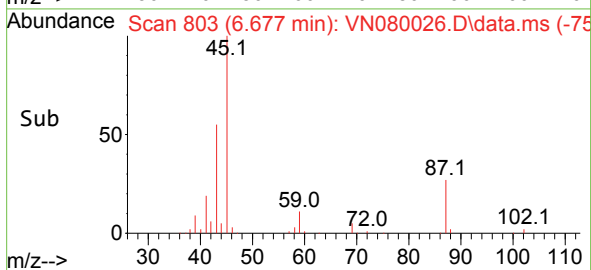
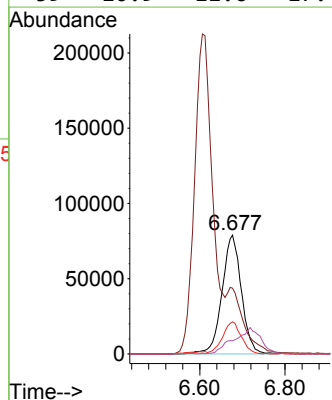
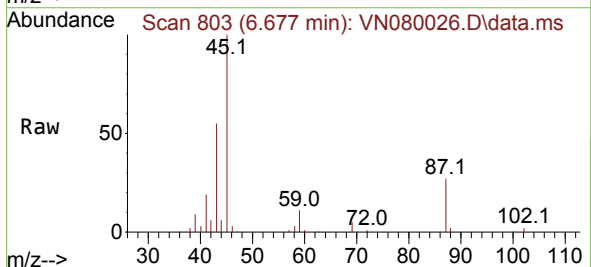
Instrument :
MSVOA_N
ClientSampleId :

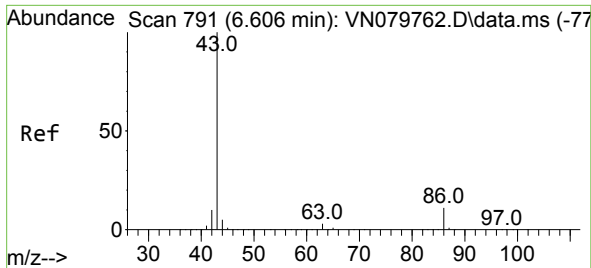
Tgt Ion: 96 Resp: 66427
Ion Ratio Lower Upper
96 100
61 141.5 90.1 135.1#
98 62.5 46.4 69.6



#22
Diisopropyl ether
Concen: 21.704 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 45 Resp: 249235
Ion Ratio Lower Upper
45 100
43 54.2 45.5 68.3
87 26.9 31.8 47.8#
59 10.9 11.6 17.4#

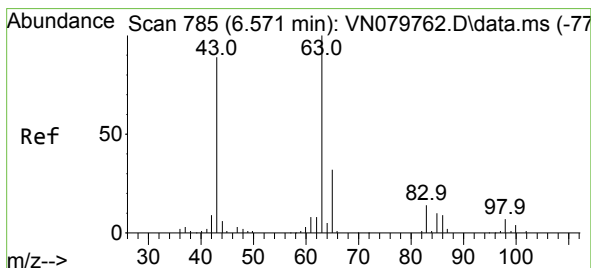
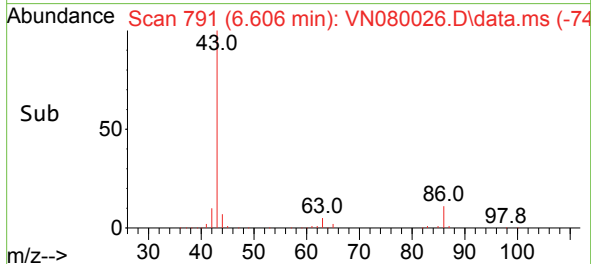
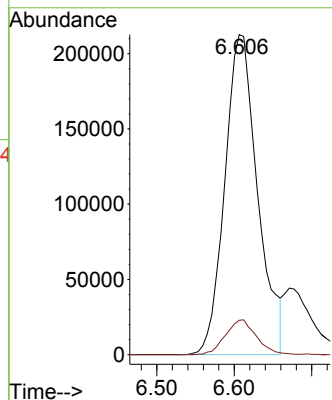
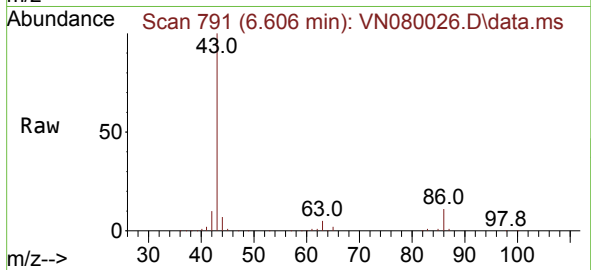




#23
 Vinyl Acetate
 Concen: 99.122 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

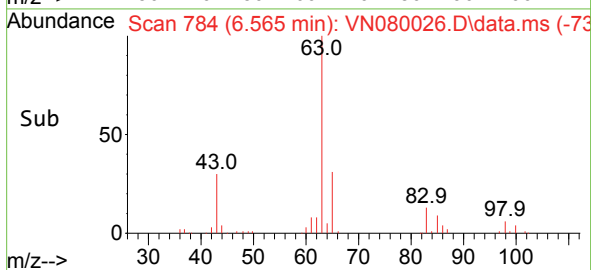
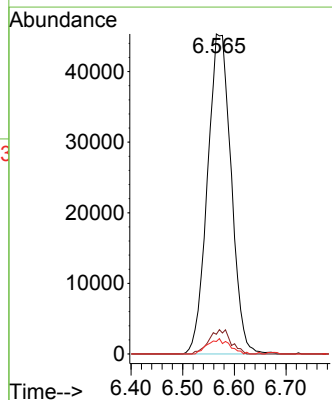
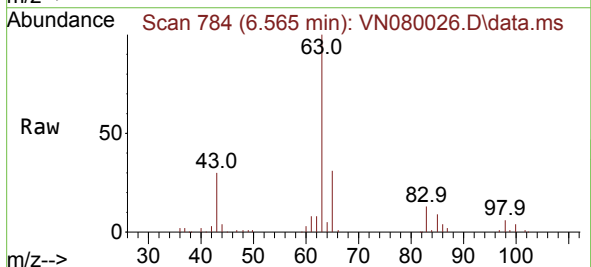
Instrument :
 MSVOA_N
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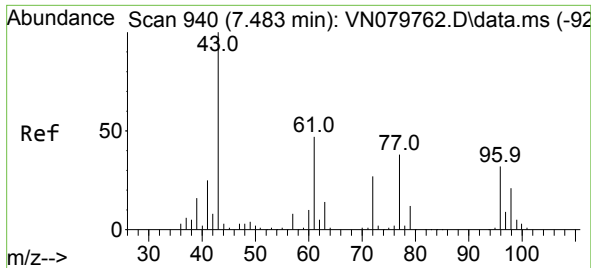
Tgt Ion: 43 Resp: 627858
 Ion Ratio Lower Upper
 43 100
 86 10.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.646 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

Tgt Ion: 63 Resp: 144104
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 3.9 2.5 7.4

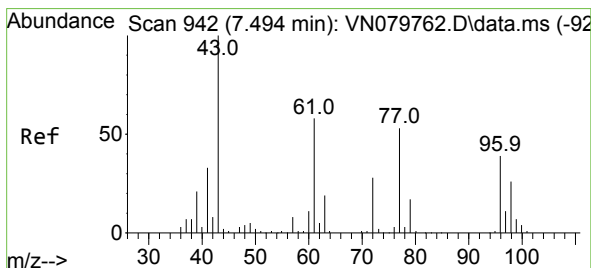
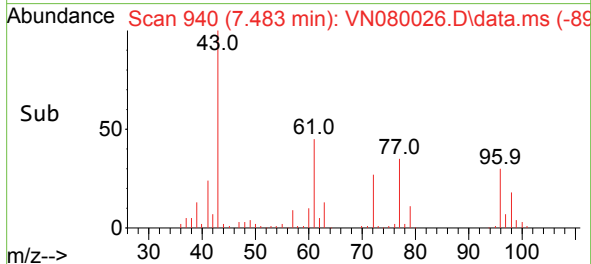
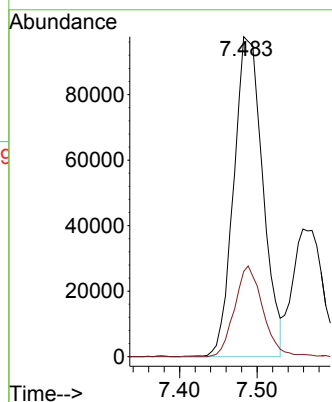
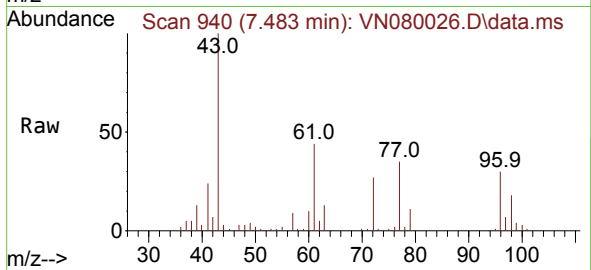




#25
2-Butanone
Concen: 108.307 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

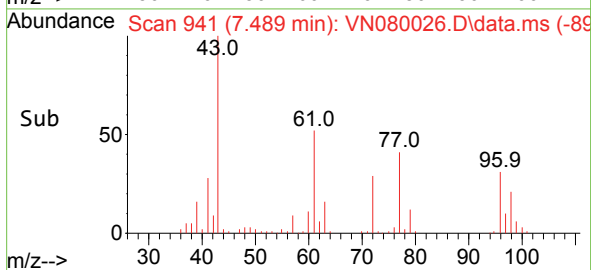
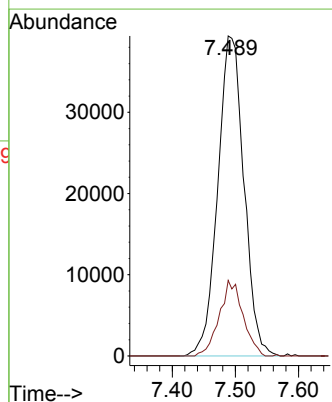
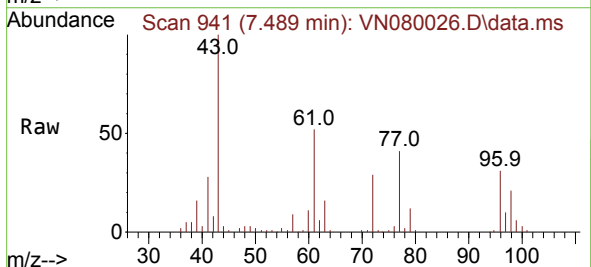
Instrument :
MSVOA_N
ClientSampleId :

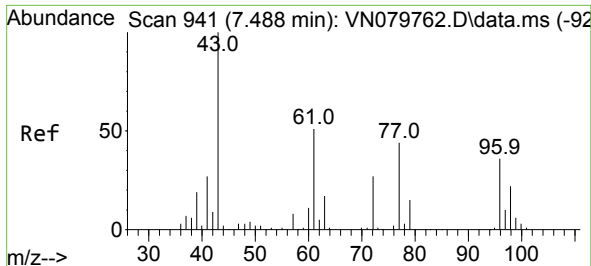
Tgt Ion: 43 Resp: 255109
Ion Ratio Lower Upper
43 100
72 26.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.600 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 77 Resp: 113141
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.6

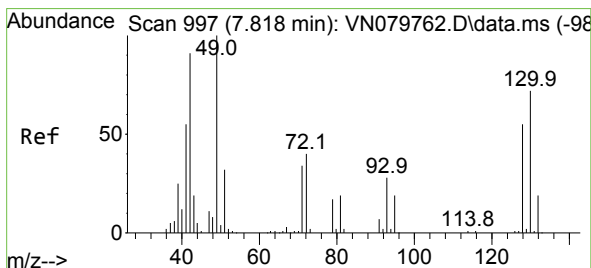
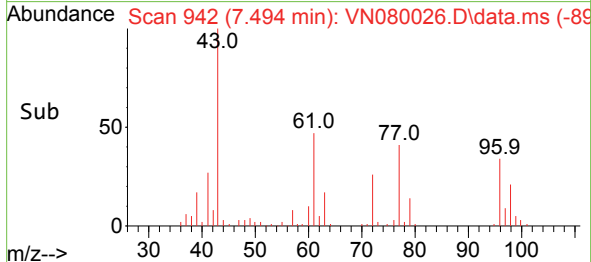
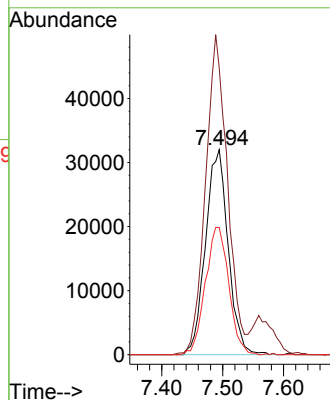
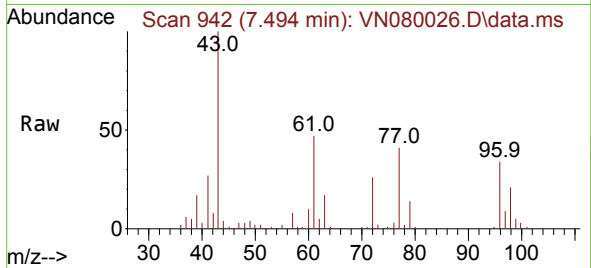




#27
 cis-1,2-Dichloroethene
 Concen: 19.173 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

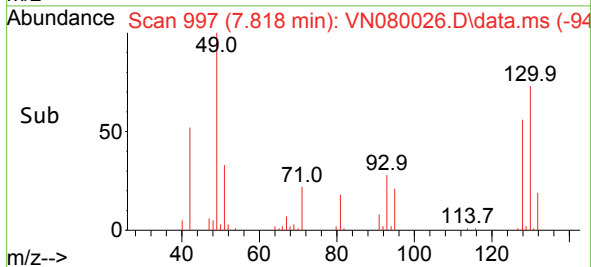
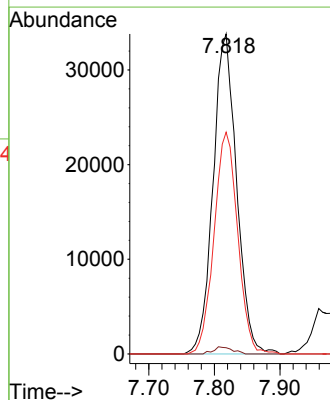
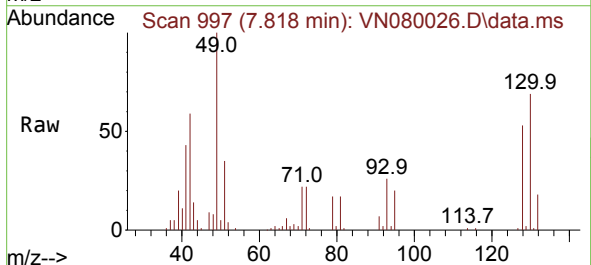
Instrument :
 MSVOA_N
 ClientSampleId :

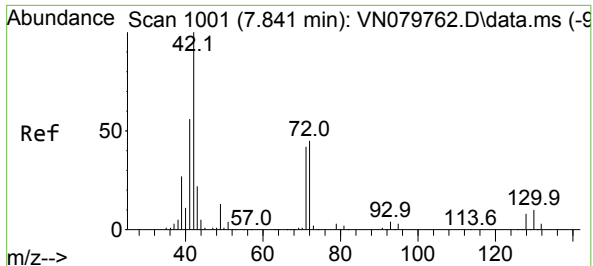
Tgt Ion: 96 Resp: 82753
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 255.2
 98 64.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 24.773 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

Tgt Ion: 49 Resp: 84263
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 69.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 108.312 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

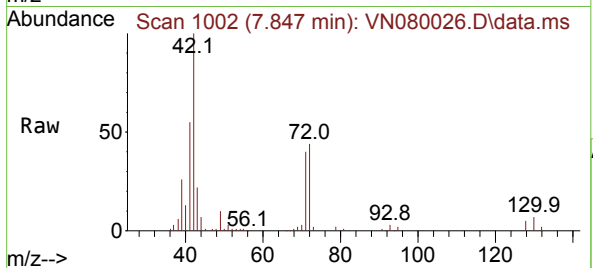
Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

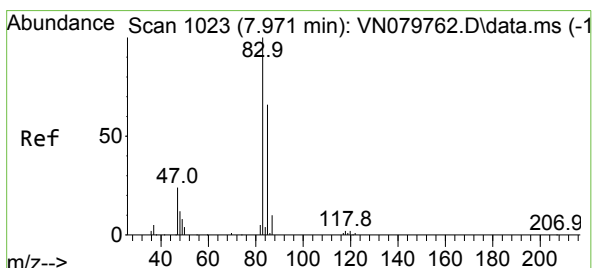
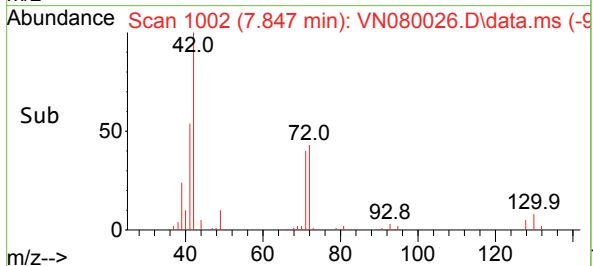
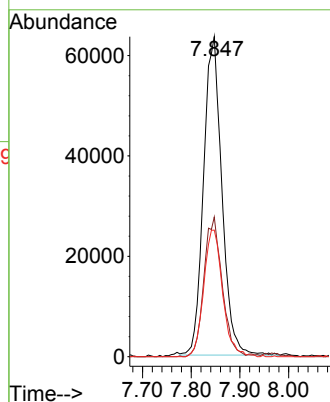
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	165984
Ion	Ratio	Lower	Upper
42	100		
72	43.4	49.8	74.6#
71	40.9	47.4	71.2#



#30

Chloroform

Concen: 20.453 ug/l

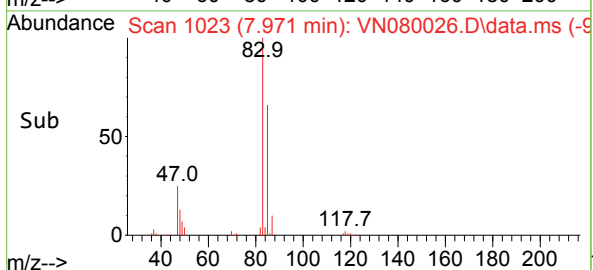
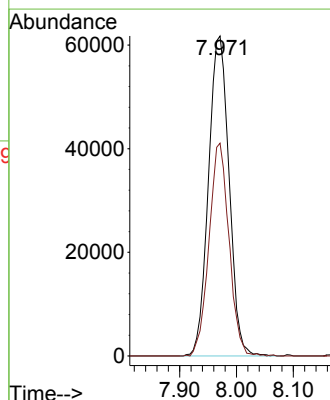
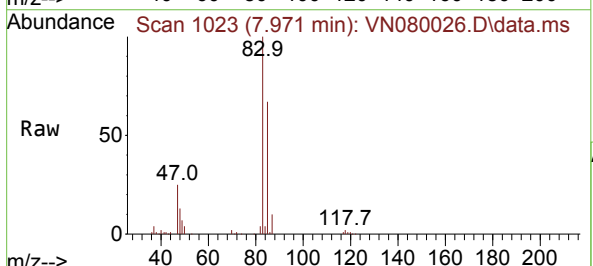
RT: 7.971 min Scan# 1023

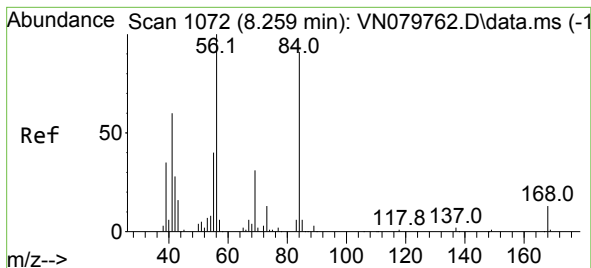
Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Tgt Ion:	83	Resp:	155063
Ion	Ratio	Lower	Upper
83	100		
85	66.5	55.4	83.0





#31

Cyclohexane

Concen: 17.480 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

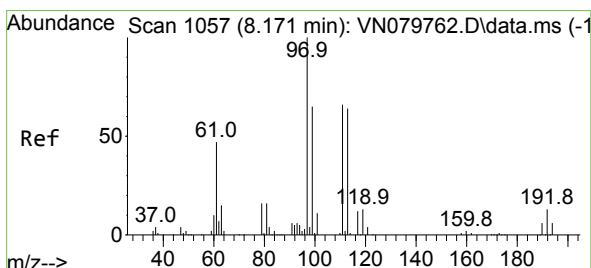
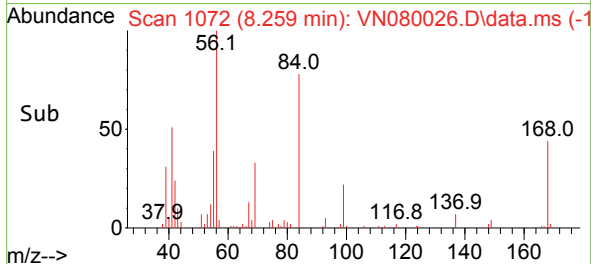
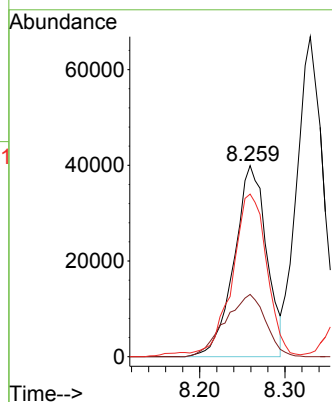
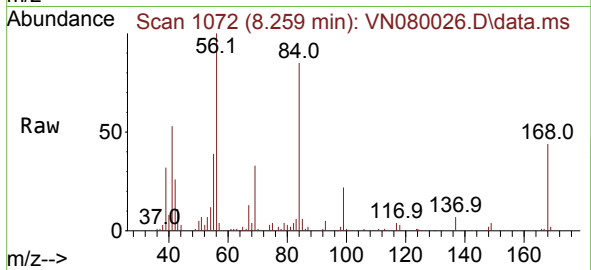
Tgt Ion: 56 Resp: 105771

Ion Ratio Lower Upper

56 100

69 32.0 26.8 40.2

84 82.9 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 20.434 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

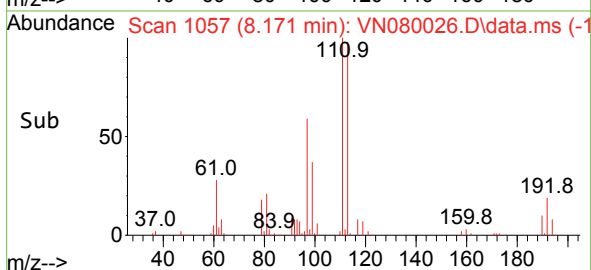
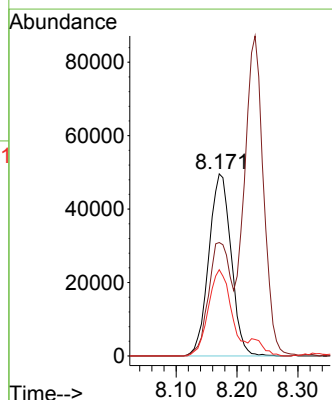
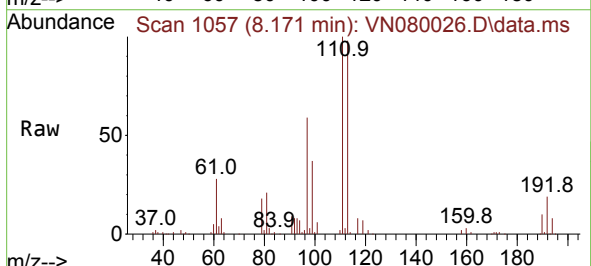
Tgt Ion: 97 Resp: 126227

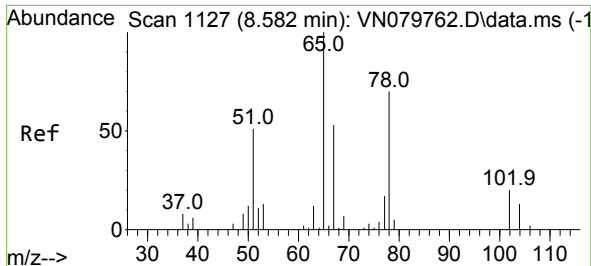
Ion Ratio Lower Upper

97 100

99 61.8 50.3 75.5

61 49.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.079 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

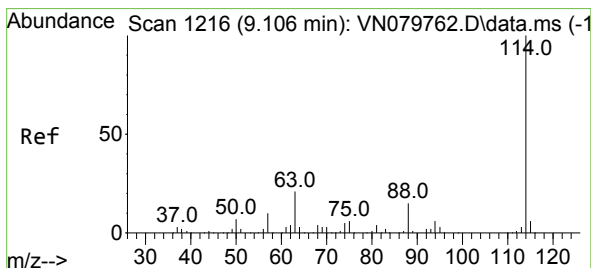
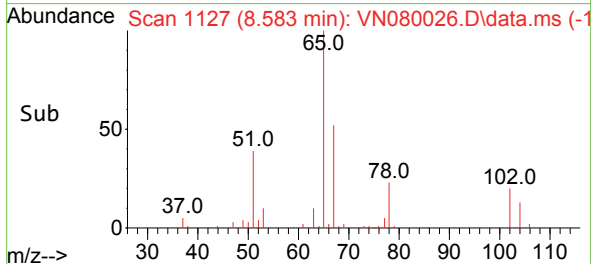
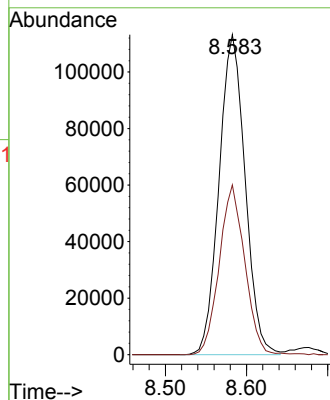
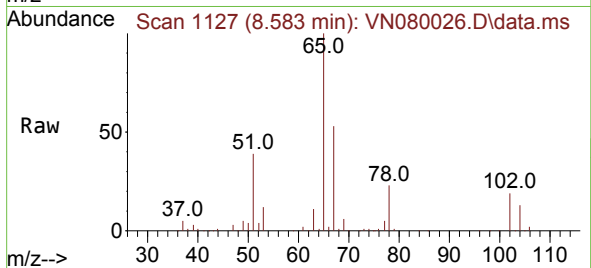
ClientSampleId :

Tgt Ion: 65 Resp: 252220

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

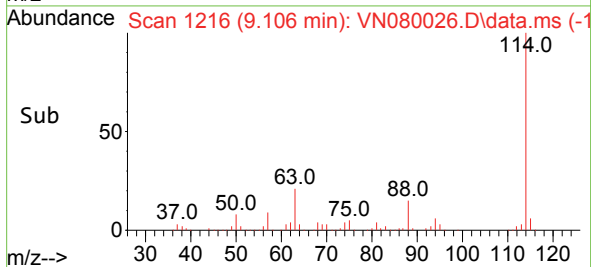
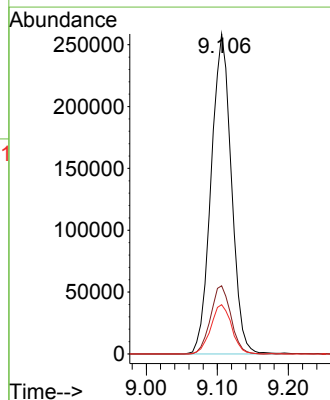
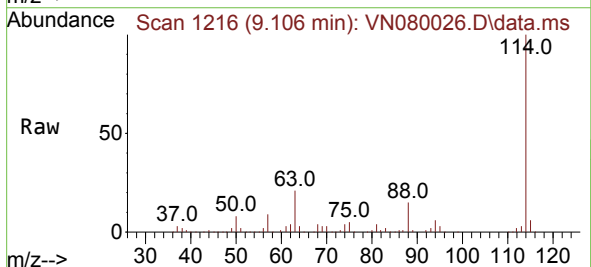
Tgt Ion: 114 Resp: 511491

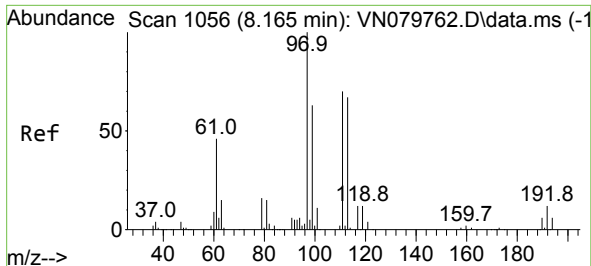
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.4 0.0 30.6

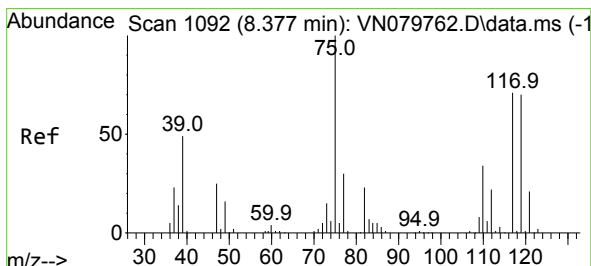
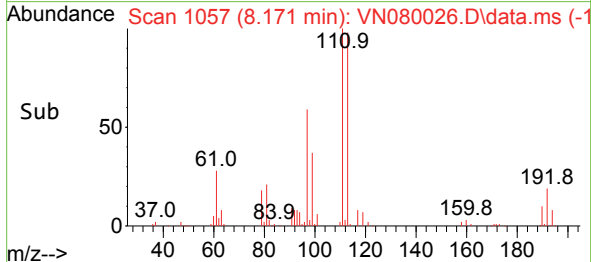
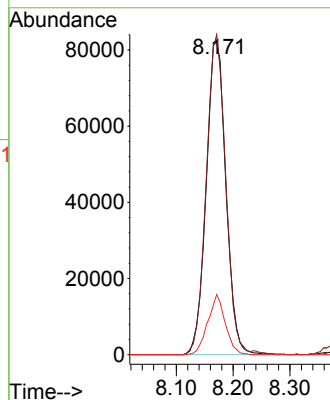
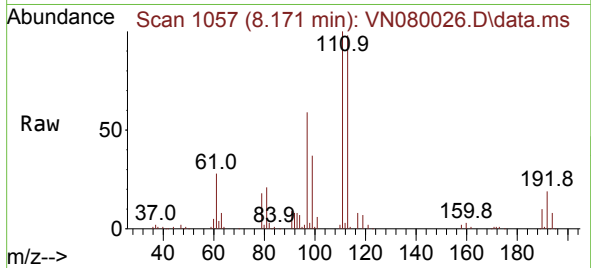




#35
Dibromofluoromethane
Concen: 54.794 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

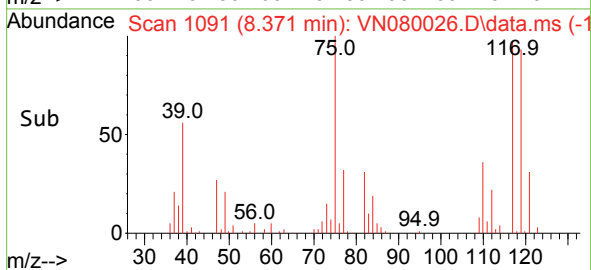
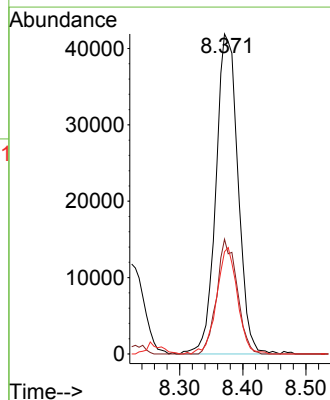
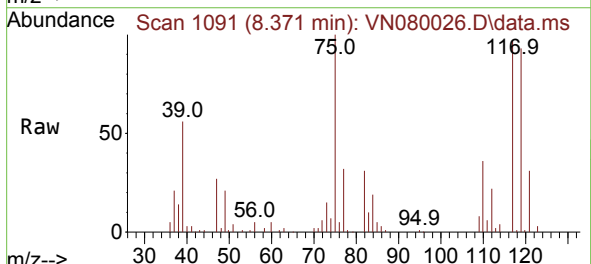
Instrument :
MSVOA_N
ClientSampleId :

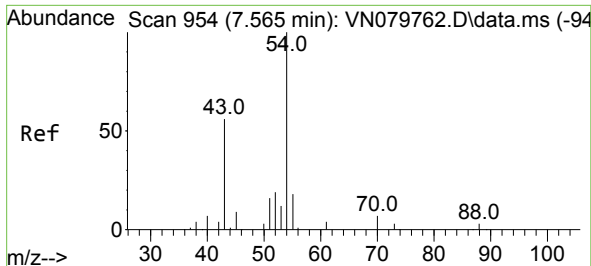
Tgt Ion:113 Resp: 198361
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 17.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.690 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 75 Resp: 101775
Ion Ratio Lower Upper
75 100
110 33.1 19.1 57.3
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 23.073 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

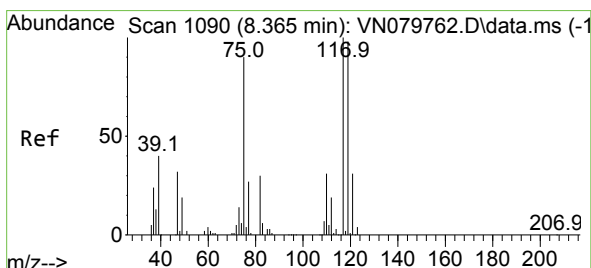
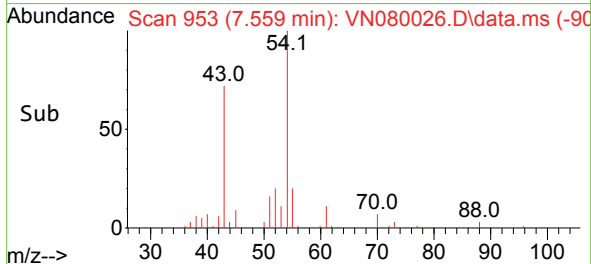
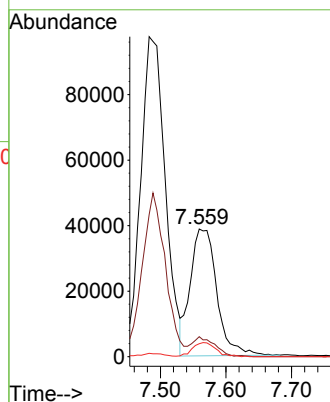
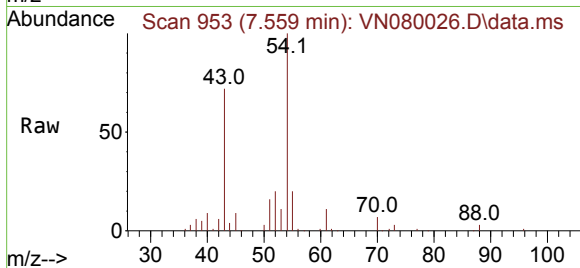
Tgt Ion: 43 Resp: 109380

Ion Ratio Lower Upper

43 100

61 12.0 13.2 19.8#

70 9.9 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 20.829 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

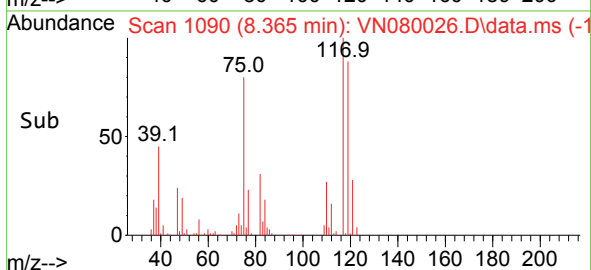
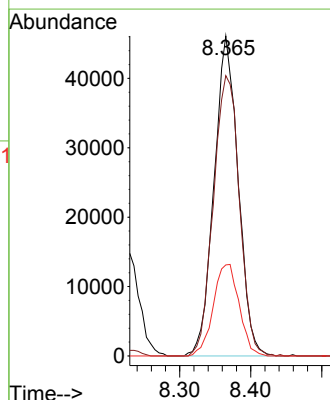
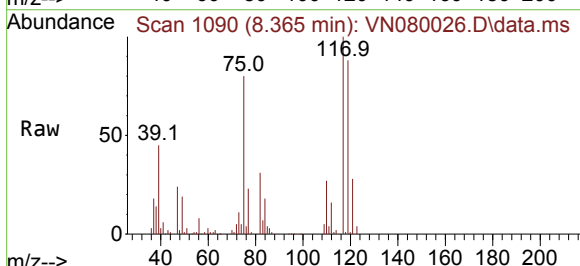
Tgt Ion: 117 Resp: 108505

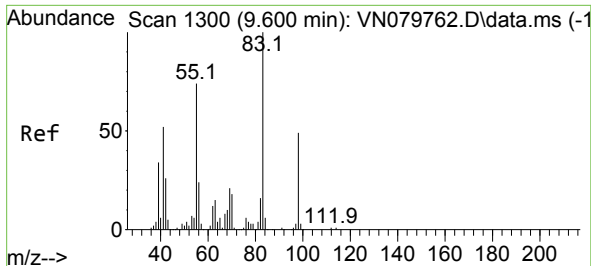
Ion Ratio Lower Upper

117 100

119 87.6 77.3 115.9

121 28.5 23.3 34.9





#39

Methylcyclohexane

Concen: 17.451 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

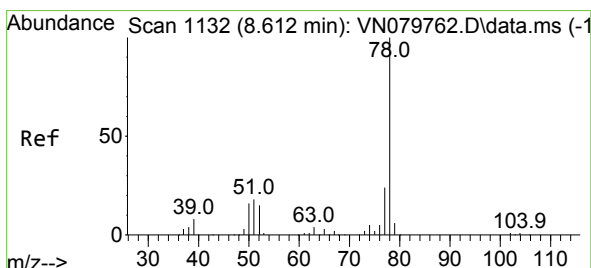
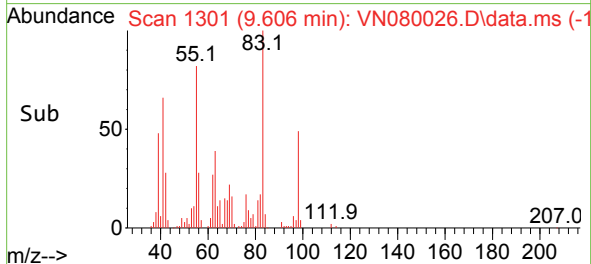
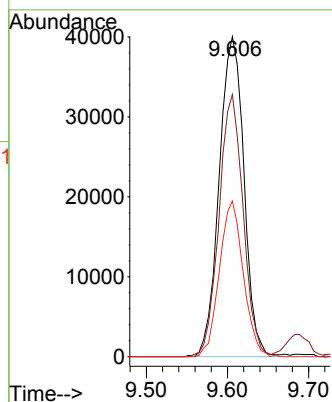
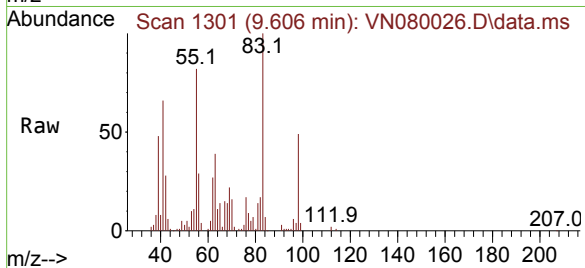
Tgt Ion: 83 Resp: 84890

Ion Ratio Lower Upper

83 100

55 81.9 49.1 73.7#

98 48.7 40.6 61.0



#40

Benzene

Concen: 20.471 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN080026.D

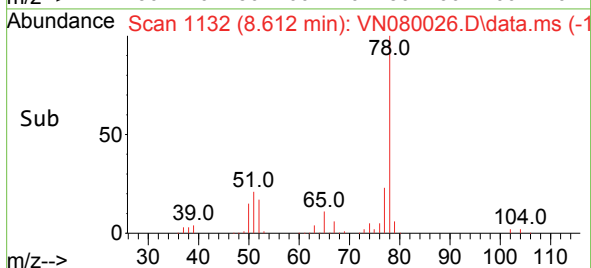
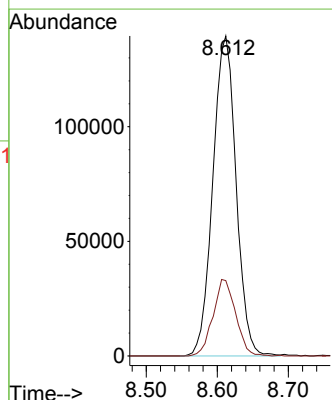
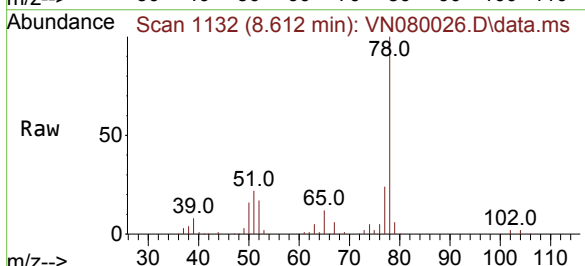
Acq: 09 Nov 2023 16:59

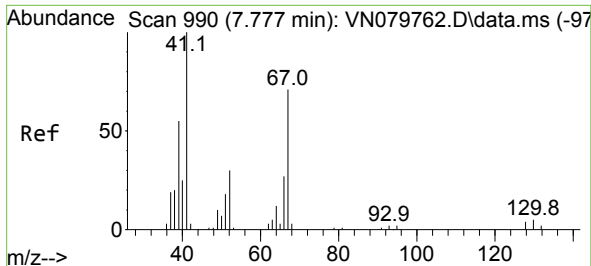
Tgt Ion: 78 Resp: 316923

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

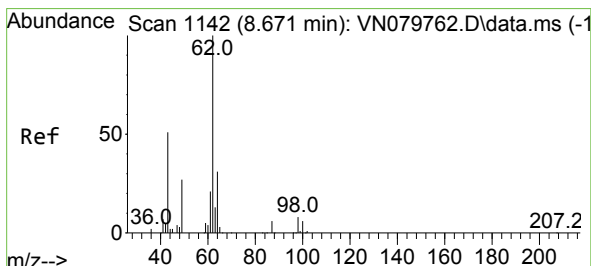
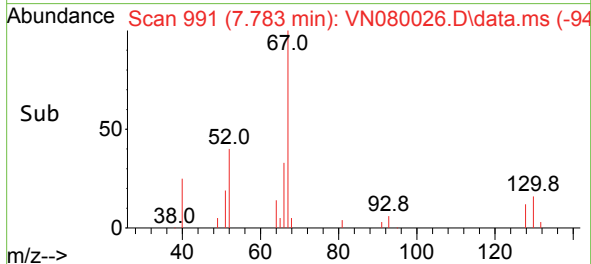
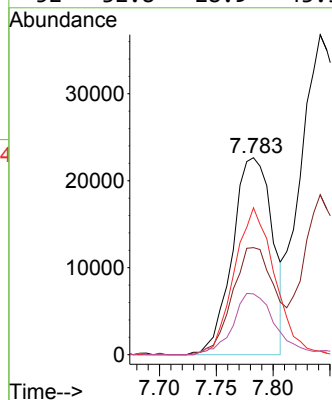
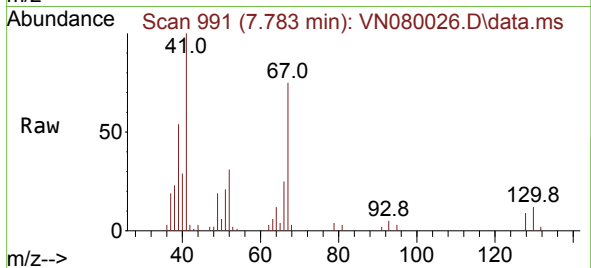




#41
Methacrylonitrile
Concen: 22.121 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

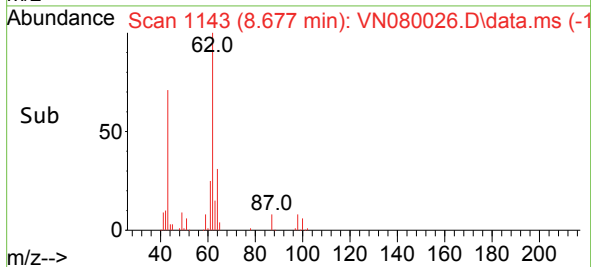
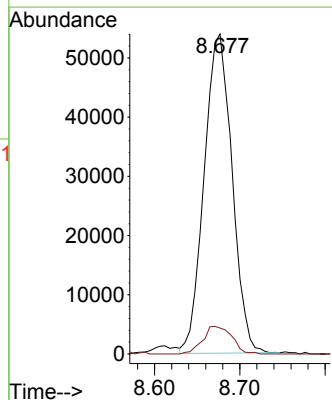
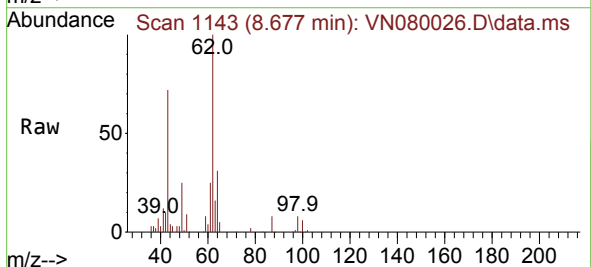
Instrument :
MSVOA_N
ClientSampleId :

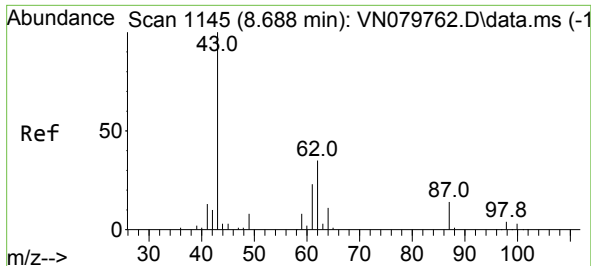
Tgt Ion: 41	Resp: 55687
Ion Ratio	Lower Upper
41 100	
39 58.5	42.6 64.0
67 75.0	77.5 116.3#
52 32.8	28.9 43.3



#42
1,2-Dichloroethane
Concen: 22.711 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 62	Resp: 122815
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 19.8

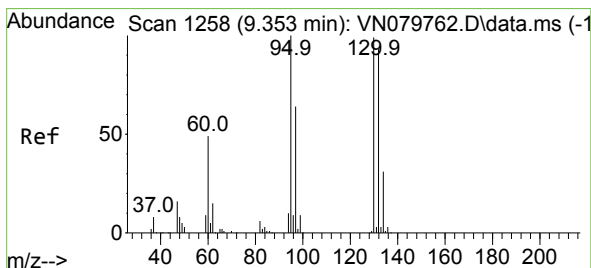
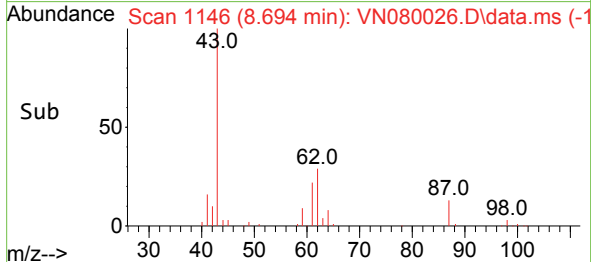
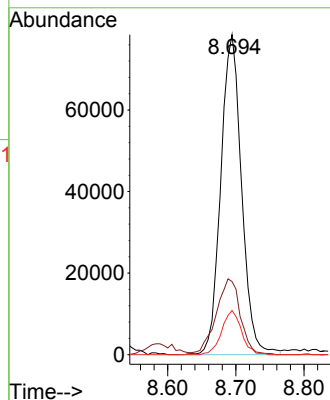
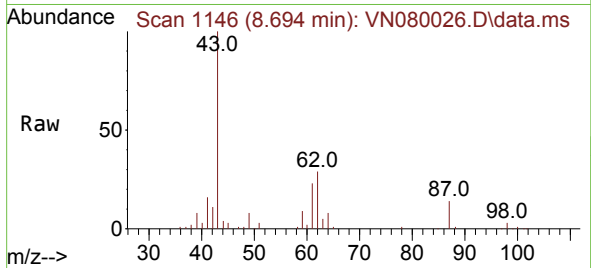




#43
Isopropyl Acetate
Concen: 20.069 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

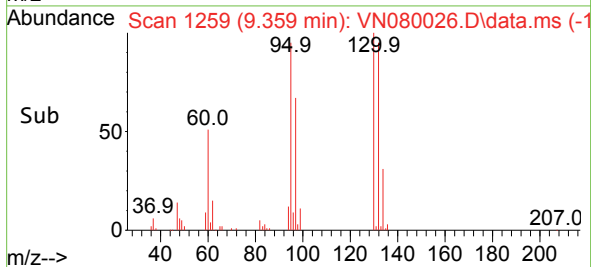
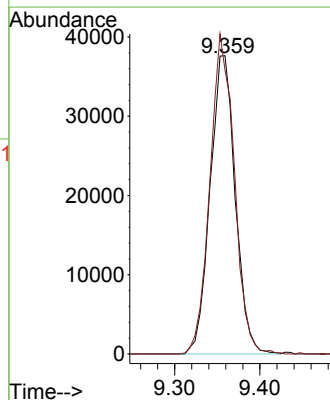
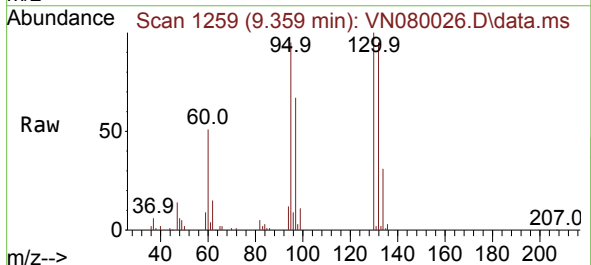
Instrument :
MSVOA_N
ClientSampleId :

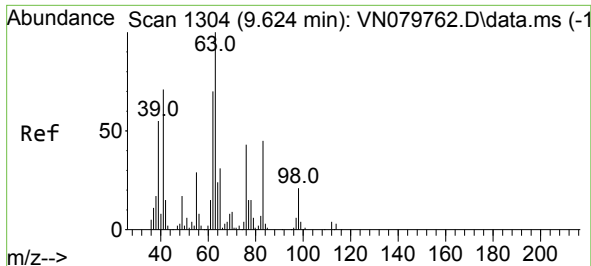
Tgt Ion: 43 Resp: 166842
Ion Ratio Lower Upper
43 100
61 27.6 24.7 37.1
87 13.1 14.6 21.8#



#44
Trichloroethene
Concen: 20.039 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion:130 Resp: 76982
Ion Ratio Lower Upper
130 100
95 95.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 22.226 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

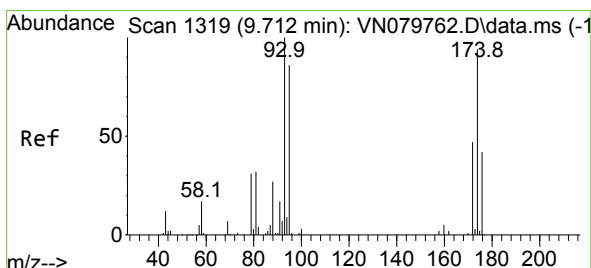
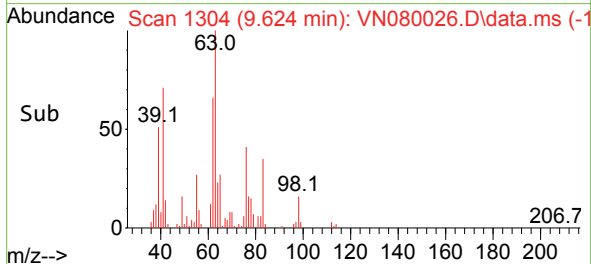
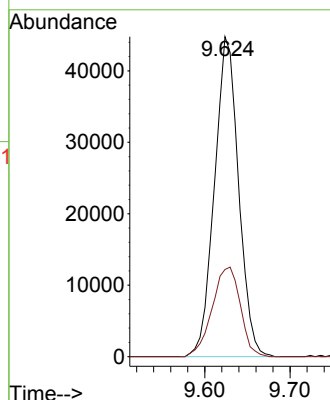
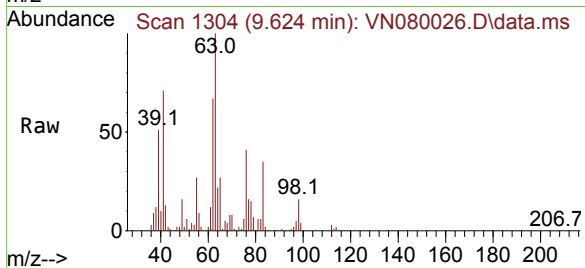
ClientSampleId :

Tgt Ion: 63 Resp: 87937

Ion Ratio Lower Upper

63 100

65 27.2 23.9 35.9



#46

Dibromomethane

Concen: 21.603 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

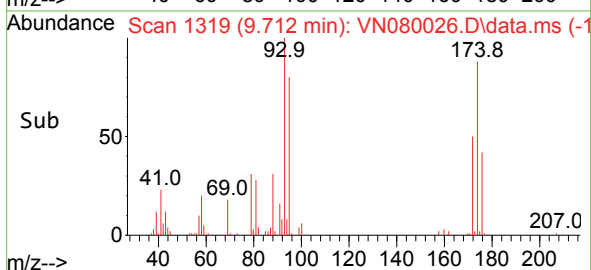
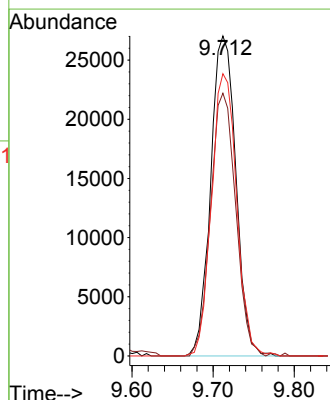
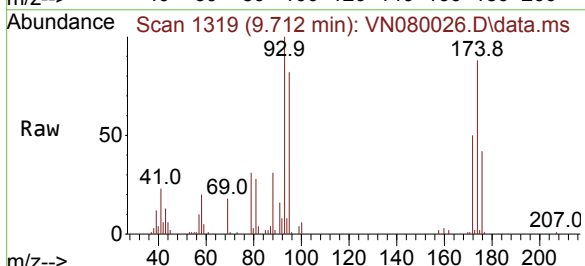
Tgt Ion: 93 Resp: 58362

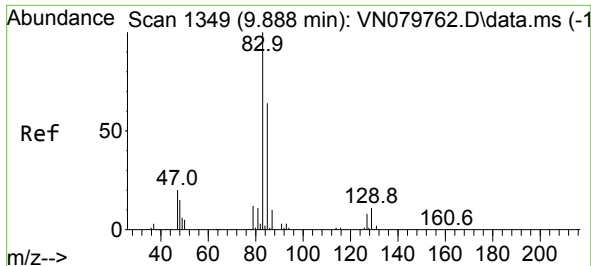
Ion Ratio Lower Upper

93 100

95 81.8 63.8 95.8

174 87.9 65.6 98.4

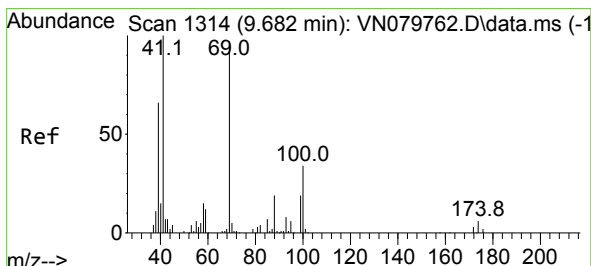
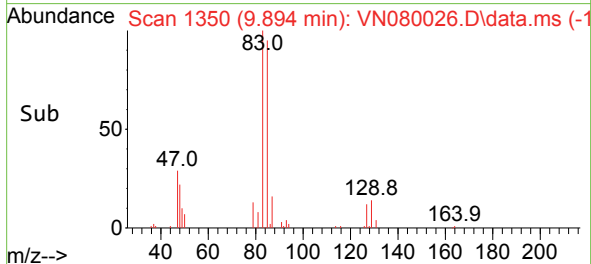
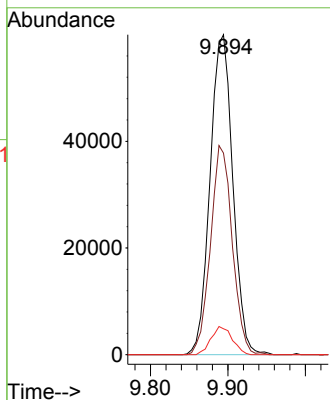
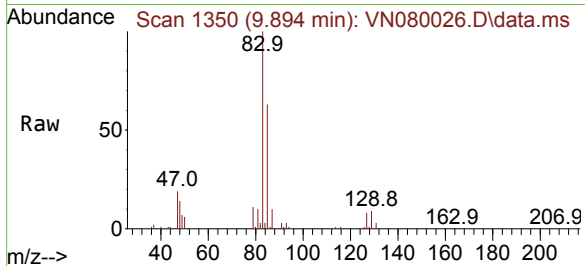




#47
Bromodichloromethane
Concen: 21.280 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

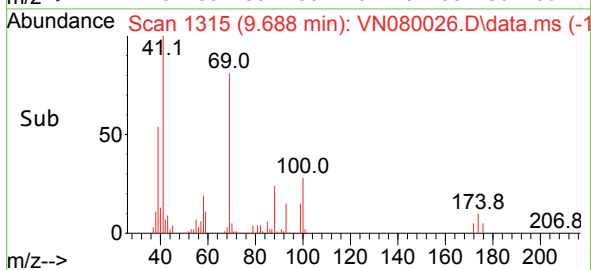
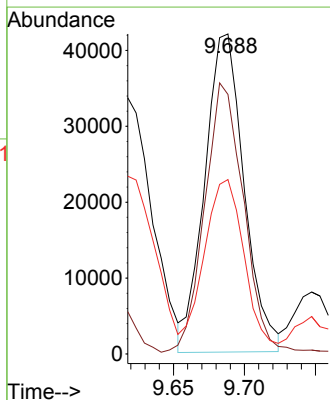
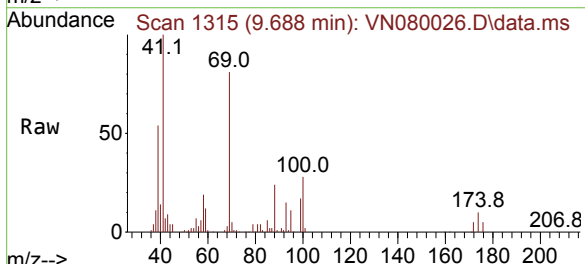
Instrument :
MSVOA_N
ClientSampleId :

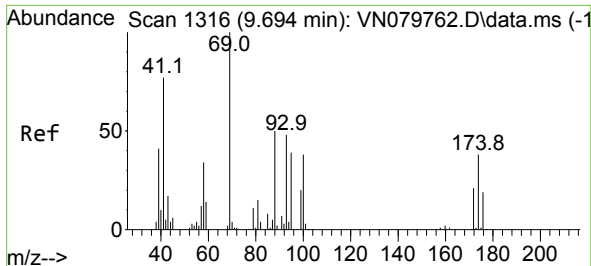
Tgt Ion: 83 Resp: 122605
Ion Ratio Lower Upper
83 100
85 63.0 49.6 74.4
127 8.1 7.0 10.6



#48
Methyl methacrylate
Concen: 22.197 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 41 Resp: 80827
Ion Ratio Lower Upper
41 100
69 85.8 90.4 135.6#
39 57.1 54.6 81.8





#49

1,4-Dioxane

Concen: 454.407 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

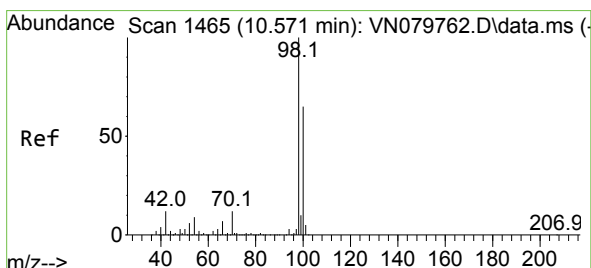
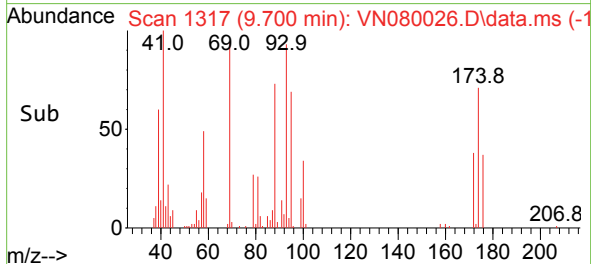
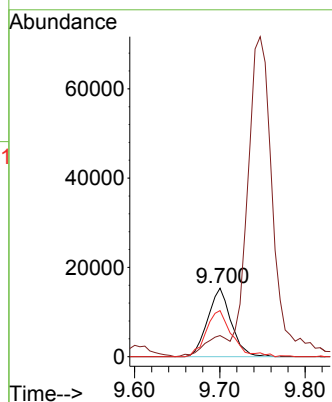
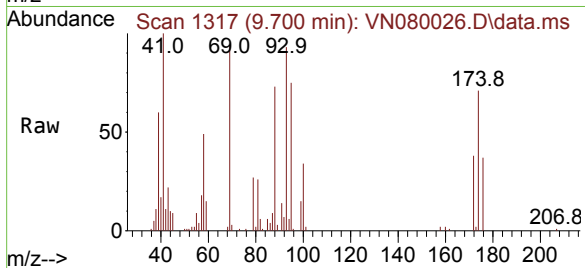
Tgt Ion: 88 Resp: 29238

Ion Ratio Lower Upper

88 100

43 32.8 17.0 25.6#

58 74.4 47.0 70.4#



#50

Toluene-d8

Concen: 51.986 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080026.D

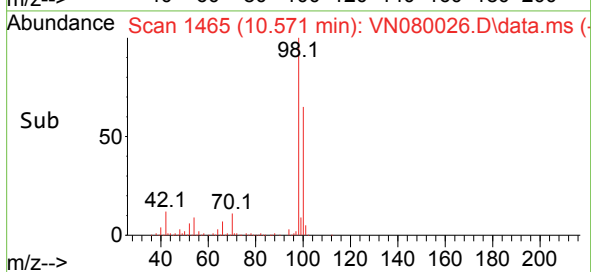
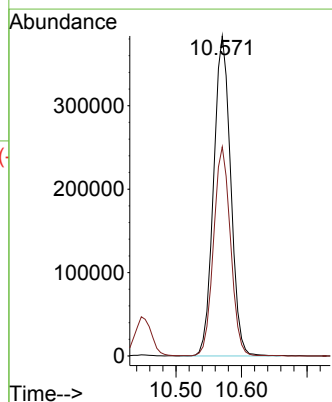
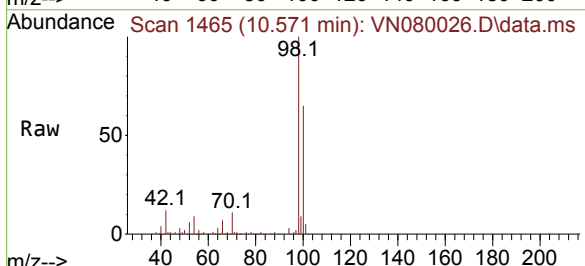
Acq: 09 Nov 2023 16:59

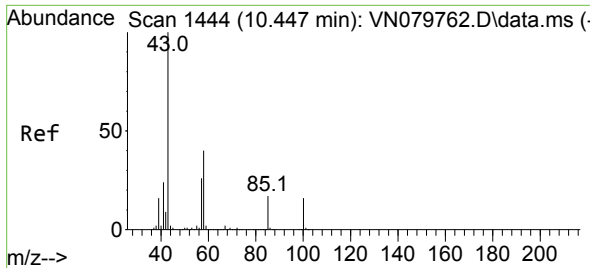
Tgt Ion: 98 Resp: 692822

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

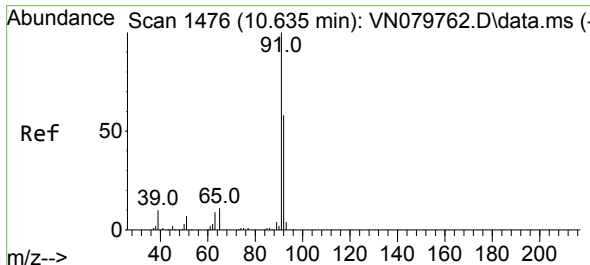
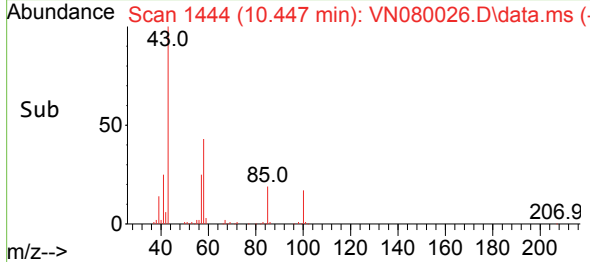
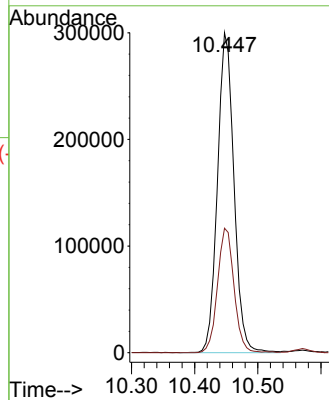
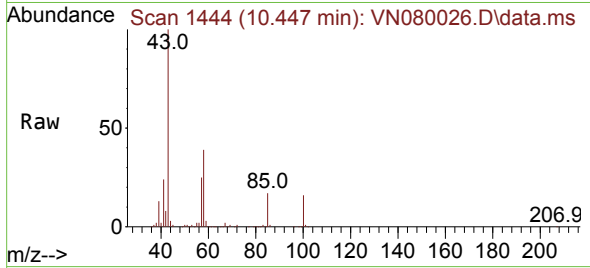




#51
4-Methyl-2-Pentanone
Concen: 116.397 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

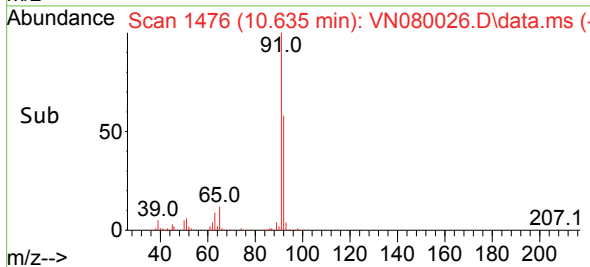
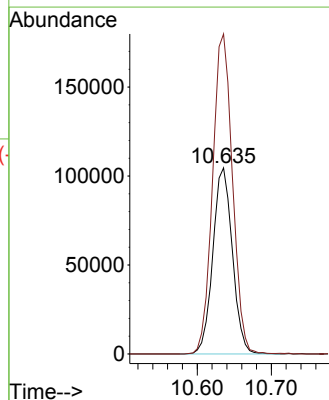
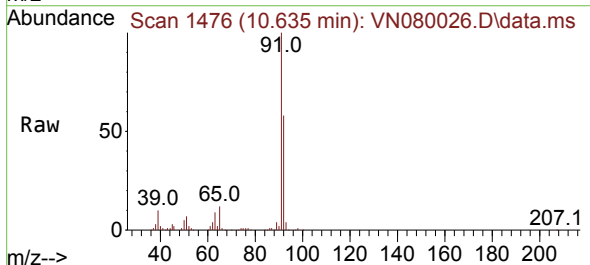
Instrument :
MSVOA_N
ClientSampleId :

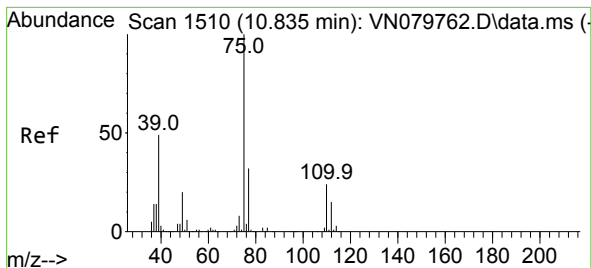
Tgt Ion: 43 Resp: 544785
Ion Ratio Lower Upper
43 100
58 38.8 36.6 54.8



#52
Toluene
Concen: 20.838 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 92 Resp: 191259
Ion Ratio Lower Upper
92 100
91 175.1 137.4 206.0

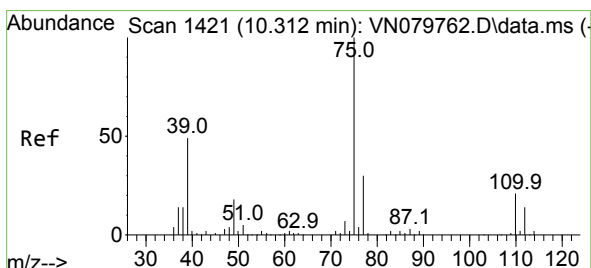
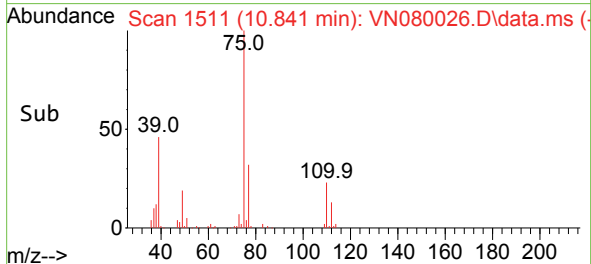
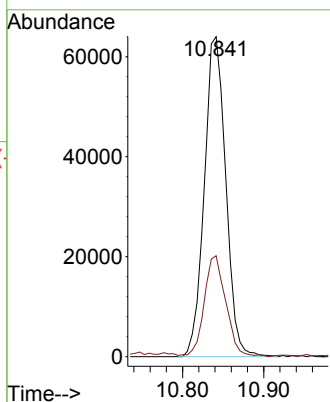
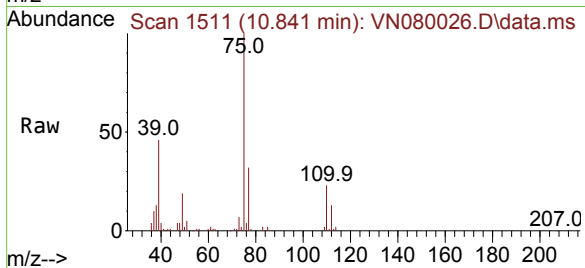




#53
 t-1,3-Dichloropropene
 Concen: 20.823 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

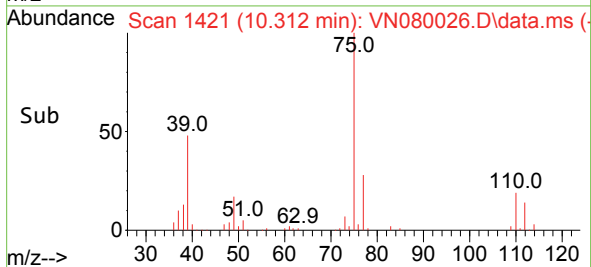
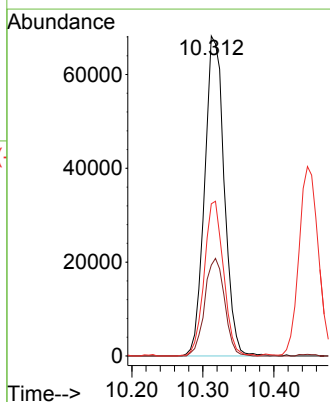
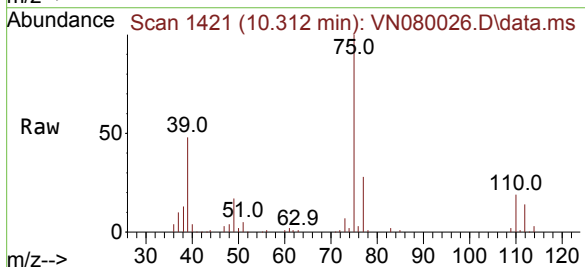
Instrument :
 MSVOA_N
 ClientSampleId :

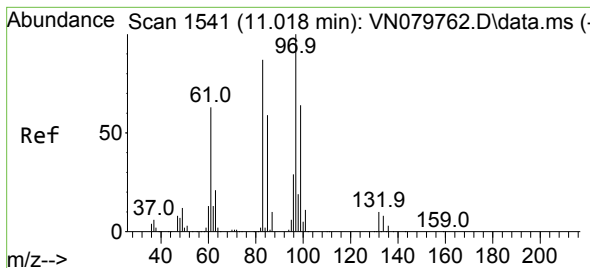
Tgt Ion: 75 Resp: 117609
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.292 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

Tgt Ion: 75 Resp: 131077
 Ion Ratio Lower Upper
 75 100
 77 28.4 26.1 39.1
 39 47.6 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 22.380 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 82620

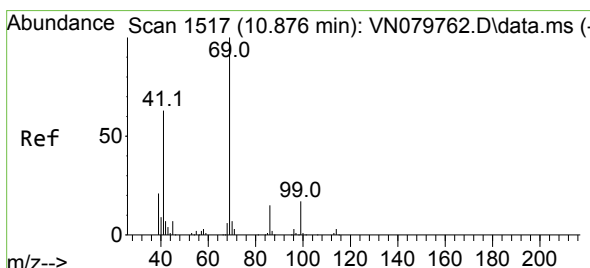
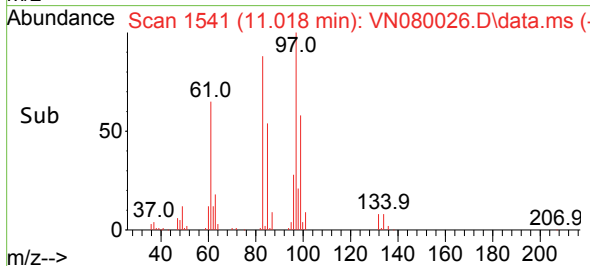
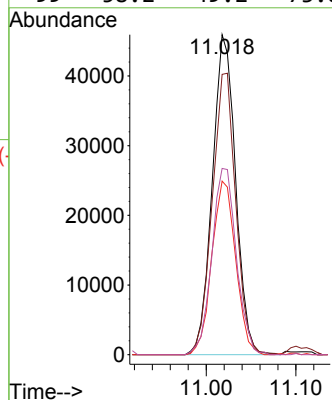
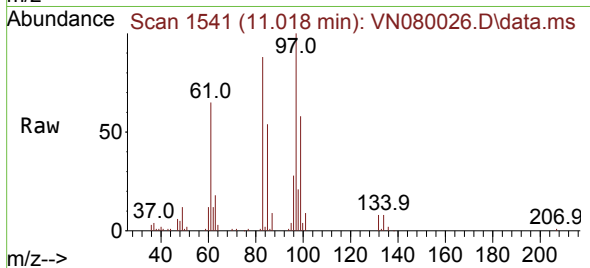
Ion Ratio Lower Upper

97 100

83 87.6 65.1 97.7

85 54.3 43.4 65.2

99 58.2 49.2 73.8



#56

Ethyl methacrylate

Concen: 21.029 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

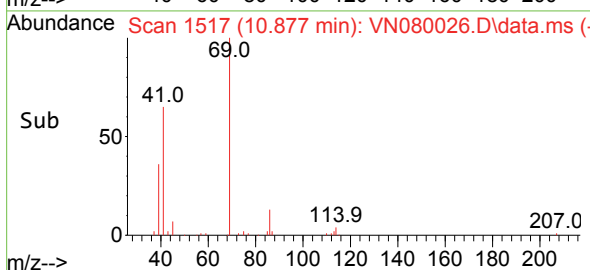
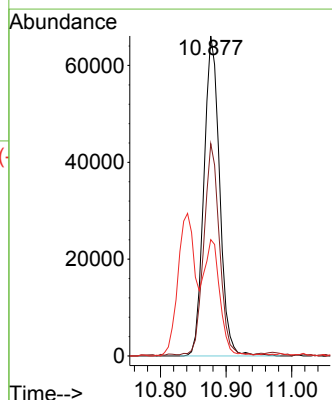
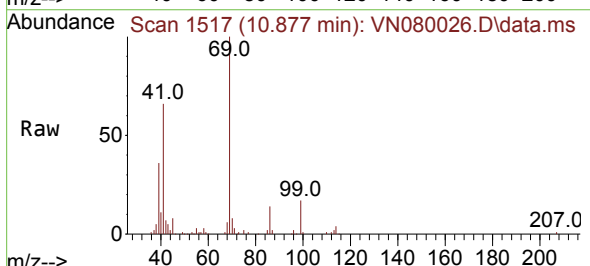
Tgt Ion: 69 Resp: 110735

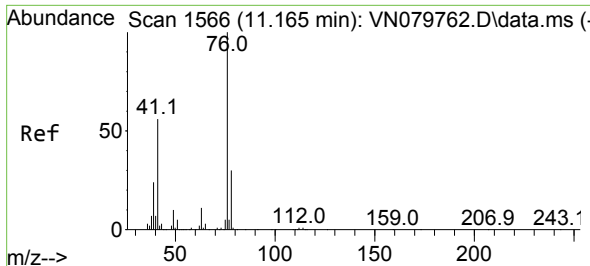
Ion Ratio Lower Upper

69 100

41 65.4 39.6 59.4#

39 36.1 28.6 43.0

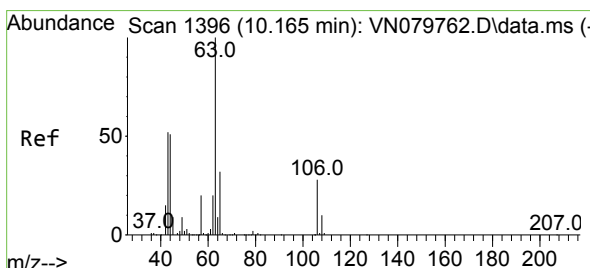
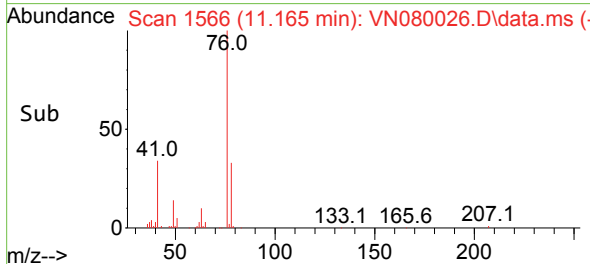
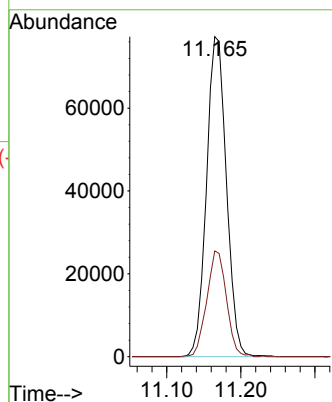
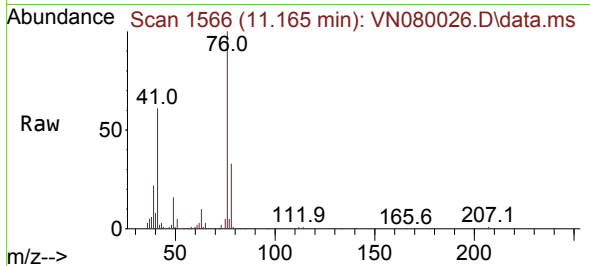




#57
1,3-Dichloropropane
Concen: 22.130 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

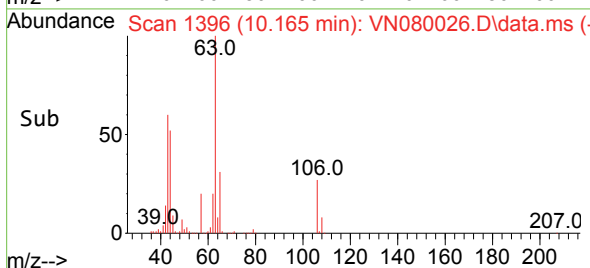
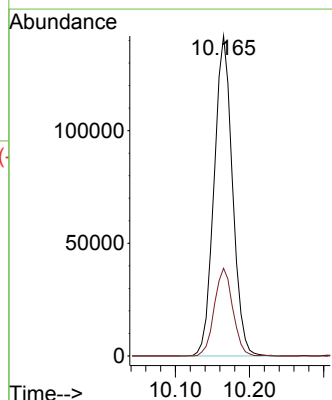
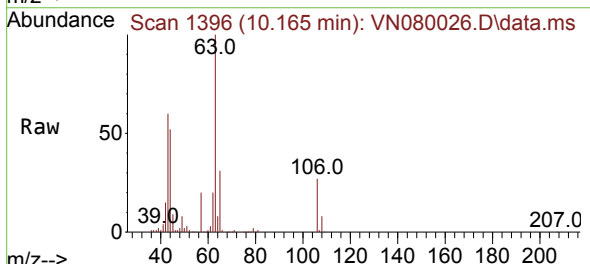
Instrument :
MSVOA_N
ClientSampleId :

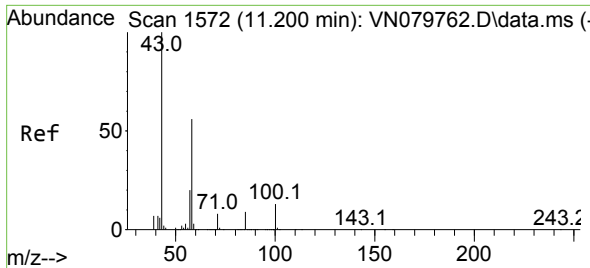
Tgt Ion: 76 Resp: 144002
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 91.579 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 63 Resp: 244413
Ion Ratio Lower Upper
63 100
106 27.6 26.2 39.4

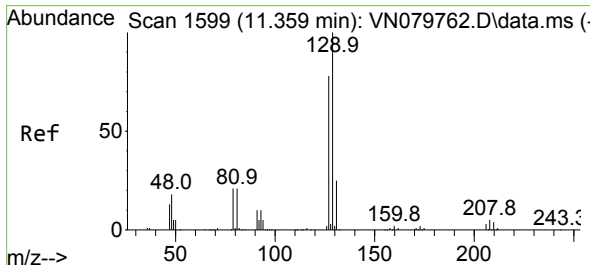
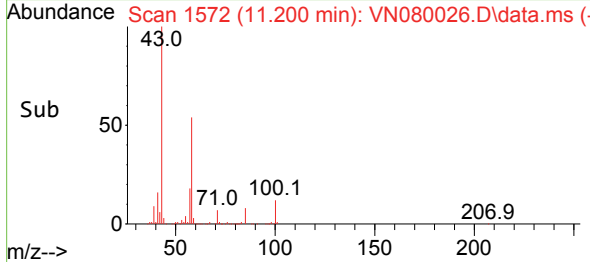
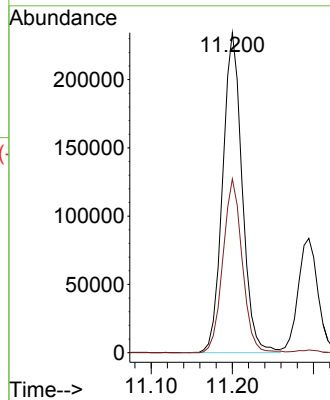
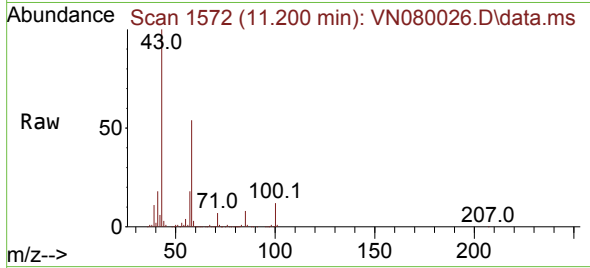




#59
2-Hexanone
Concen: 109.359 ug/l
RT: 11.200 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

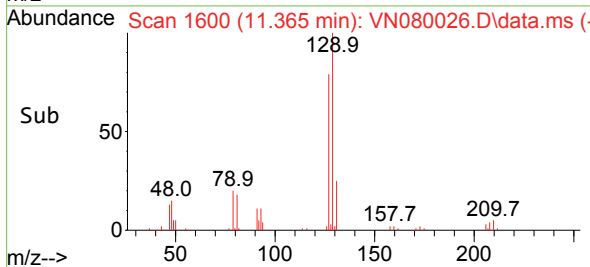
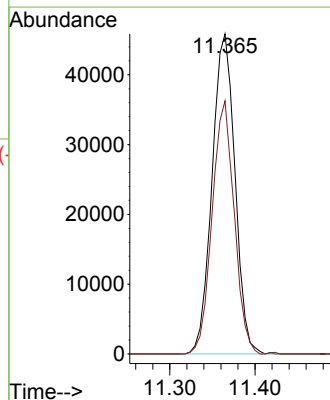
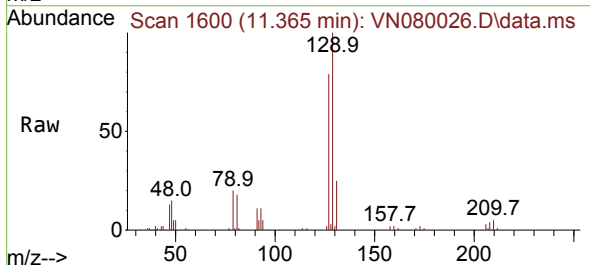
Instrument :
MSVOA_N
ClientSampleId :

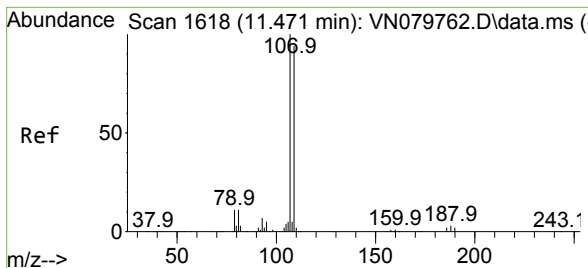
Tgt Ion: 43 Resp: 391561
Ion Ratio Lower Upper
43 100
58 53.7 31.7 95.1



#60
Dibromochloromethane
Concen: 21.631 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion:129 Resp: 85476
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0

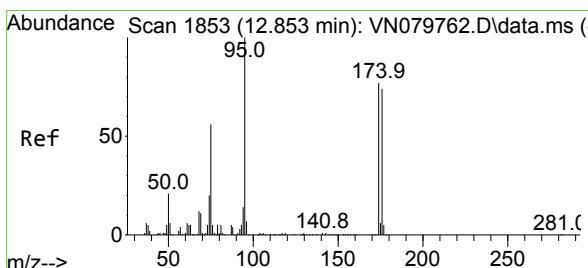
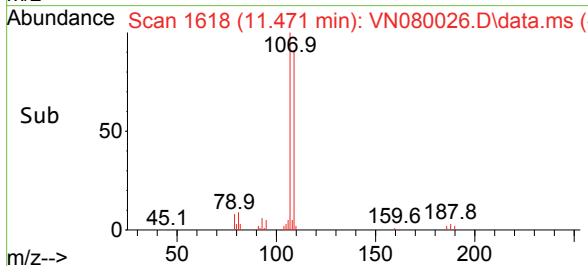
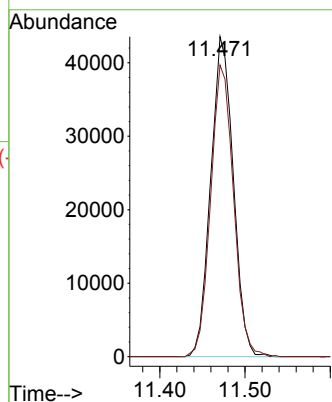
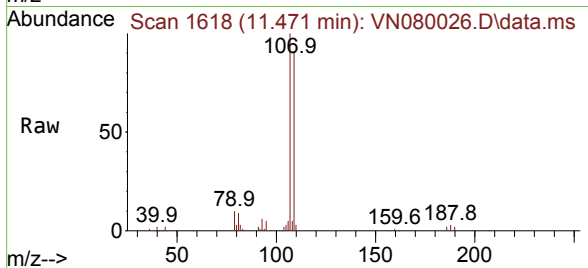




#61
1,2-Dibromoethane
Concen: 21.661 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

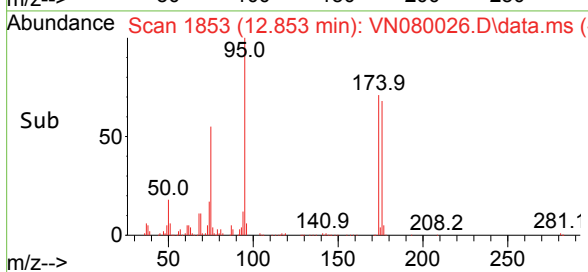
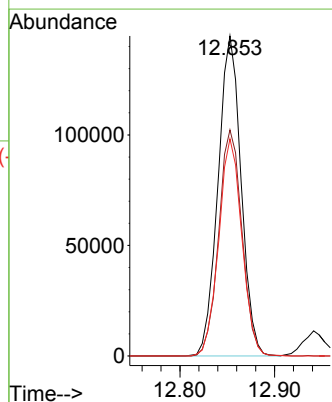
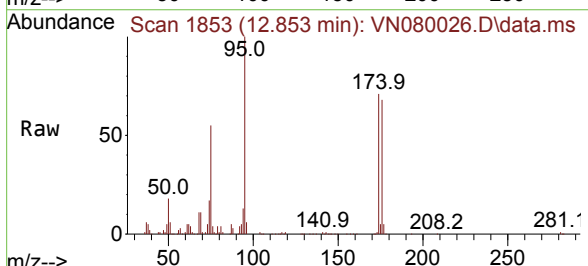
Instrument :
MSVOA_N
ClientSampleId :

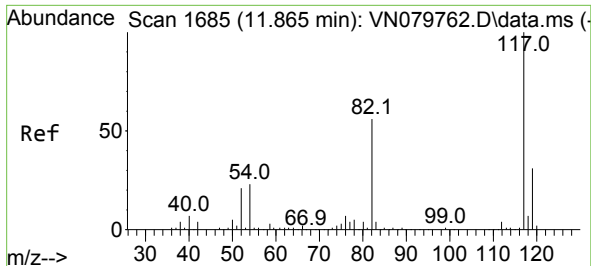
Tgt Ion:107 Resp: 80259
Ion Ratio Lower Upper
107 100
109 92.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.451 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 95 Resp: 245089
Ion Ratio Lower Upper
95 100
174 71.2 0.0 143.8
176 68.0 0.0 135.8

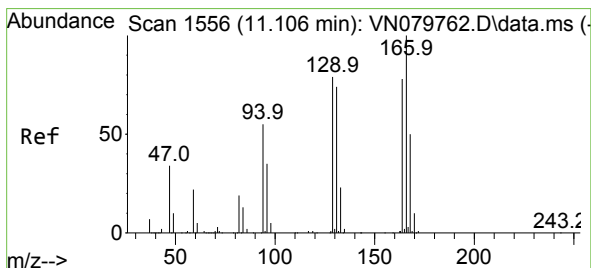
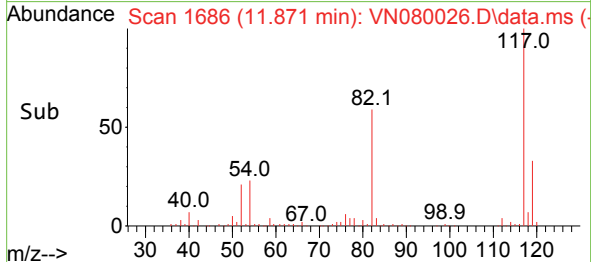
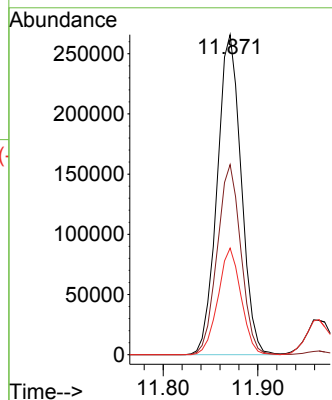
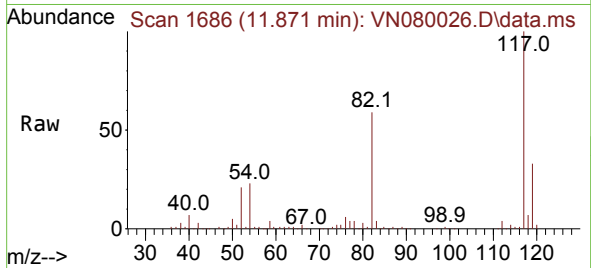




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

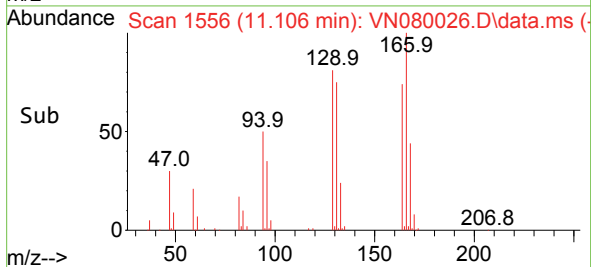
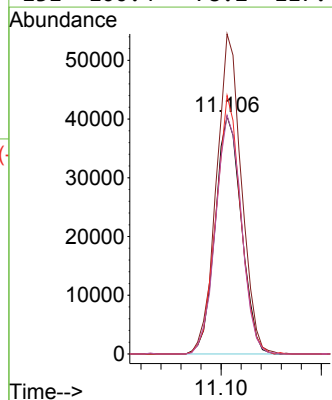
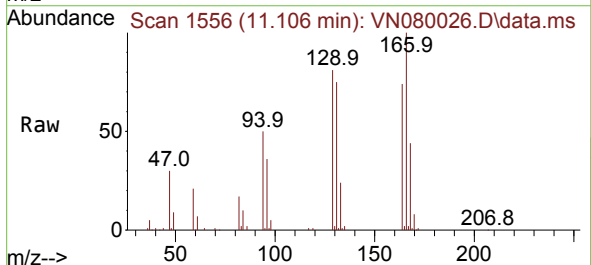
Instrument :
MSVOA_N
ClientSampleId :

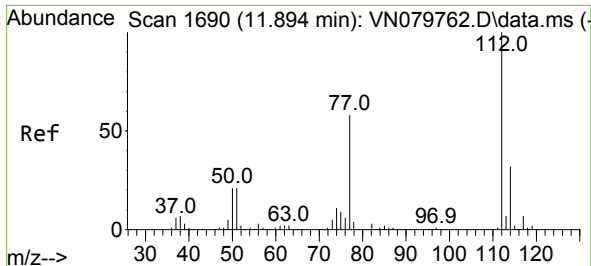
Tgt Ion:117 Resp: 468419
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 33.3 25.6 38.4



#64
Tetrachloroethene
Concen: 24.176 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion:164 Resp: 73344
Ion Ratio Lower Upper
164 100
166 134.7 101.4 152.0
129 108.8 82.4 123.6
131 100.4 78.2 117.4

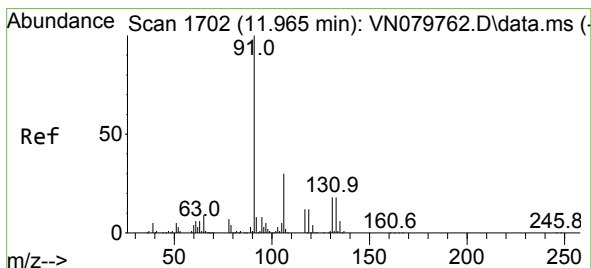
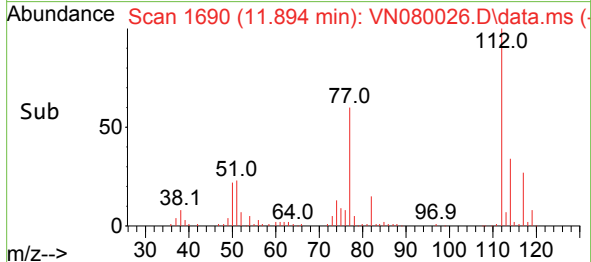
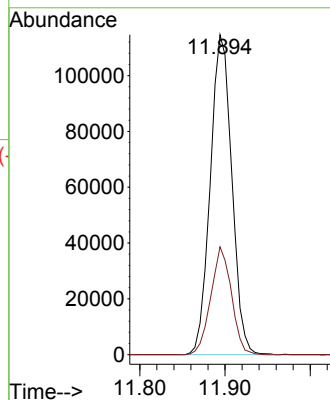
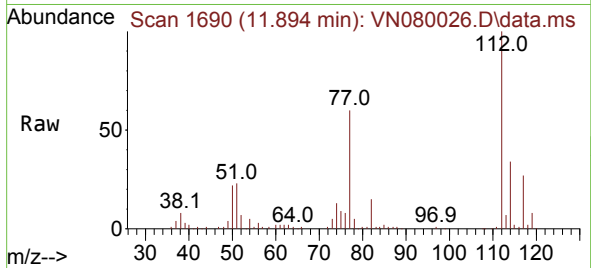




#65
Chlorobenzene
Concen: 19.806 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

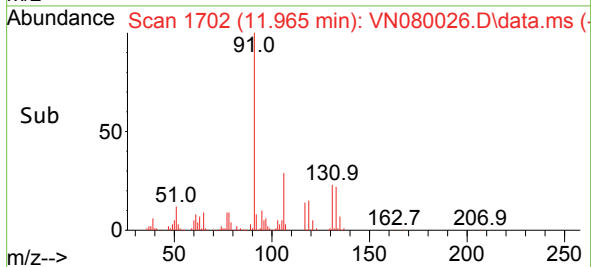
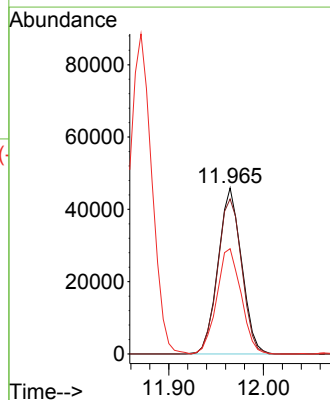
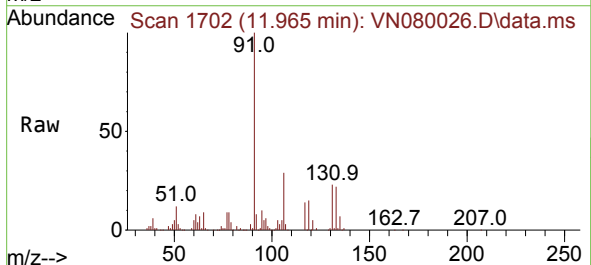
Instrument :
MSVOA_N
ClientSampleId :

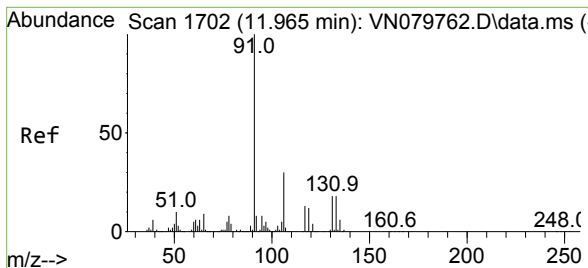
Tgt Ion:112 Resp: 201252
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.663 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion:131 Resp: 79307
Ion Ratio Lower Upper
131 100
133 96.1 46.4 139.1
119 65.7 34.1 102.2





#67

Ethyl Benzene

Concen: 19.161 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

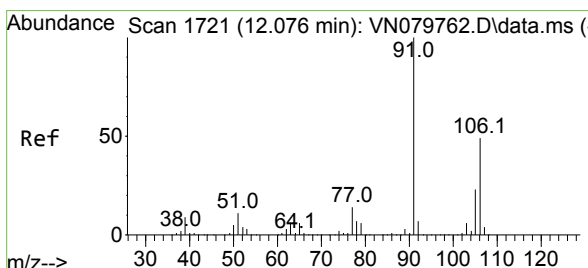
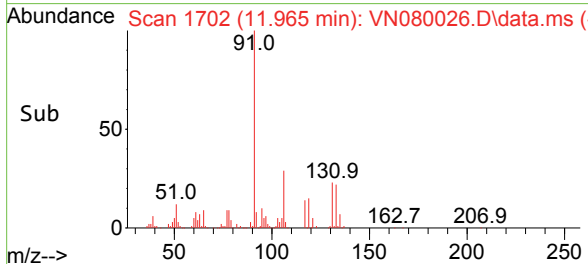
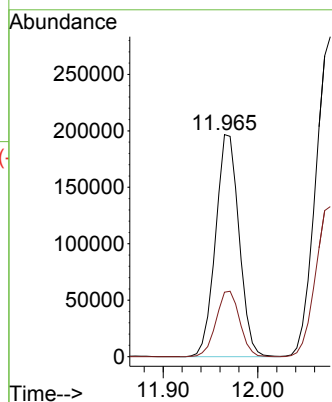
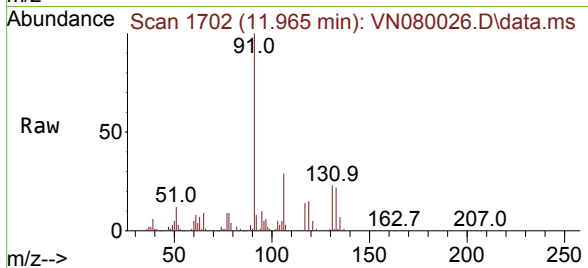
ClientSampleId :

Tgt Ion: 91 Resp: 339198

Ion Ratio Lower Upper

91 100

106 29.0 25.6 38.4



#68

m/p-Xylenes

Concen: 39.396 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN080026.D

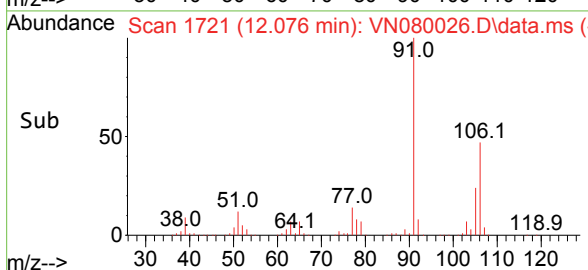
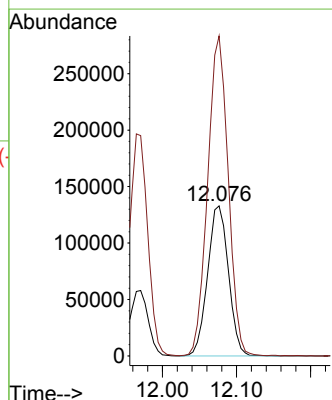
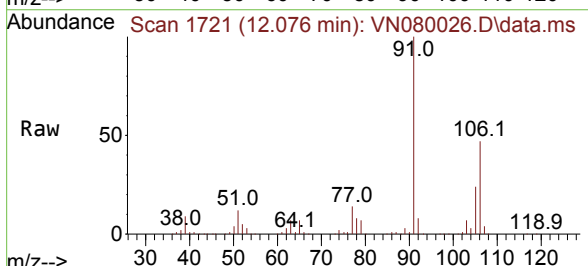
Acq: 09 Nov 2023 16:59

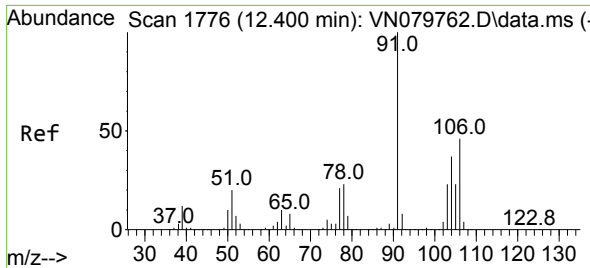
Tgt Ion: 106 Resp: 259801

Ion Ratio Lower Upper

106 100

91 209.7 159.6 239.4

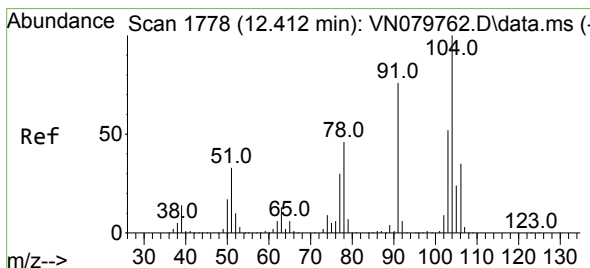
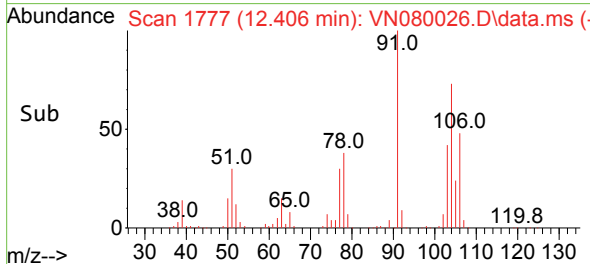
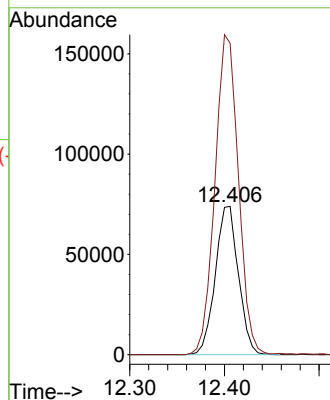
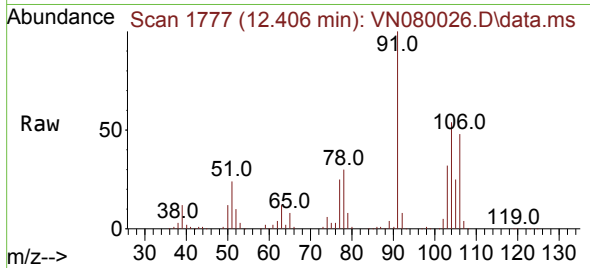




#69
o-Xylene
Concen: 19.720 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

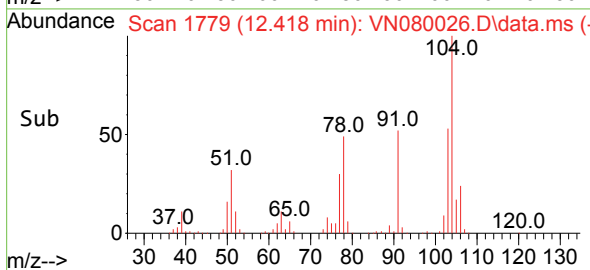
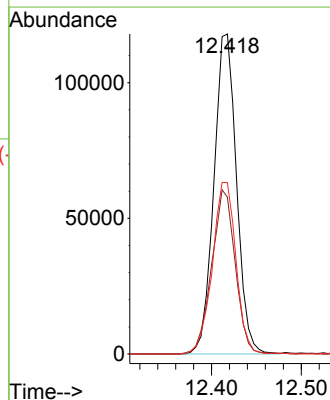
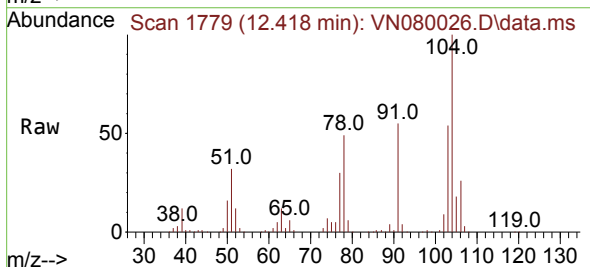
Instrument :
MSVOA_N
ClientSampleId :

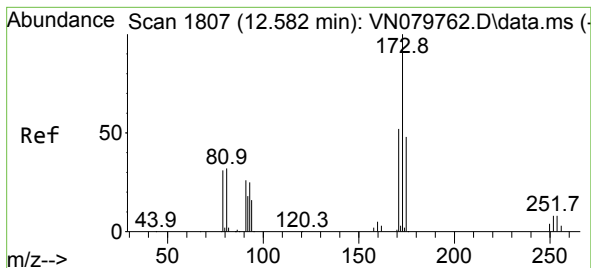
Tgt Ion:106 Resp: 125229
Ion Ratio Lower Upper
106 100
91 219.3 105.2 315.5



#70
Styrene
Concen: 20.214 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion:104 Resp: 206295
Ion Ratio Lower Upper
104 100
78 53.4 39.5 59.3
103 56.1 43.2 64.8





#71

Bromoform

Concen: 22.616 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

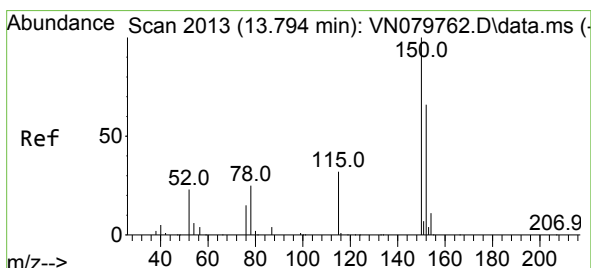
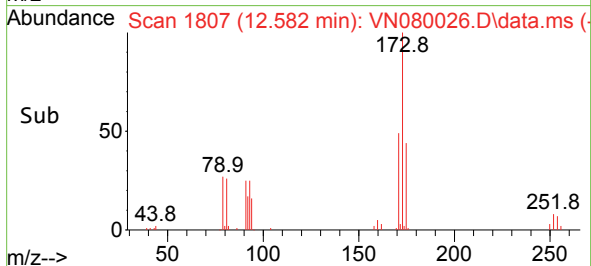
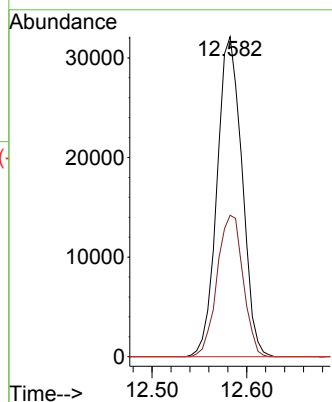
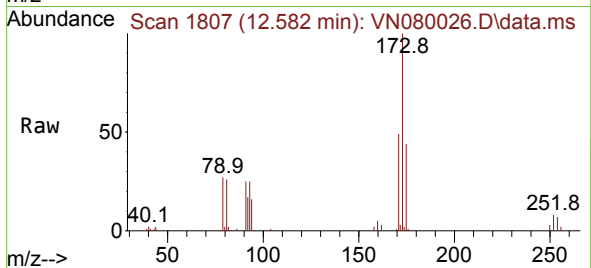
Tgt Ion:173 Resp: 58791

Ion Ratio Lower Upper

173 100

175 46.0 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: VN080026.D

Acq: 09 Nov 2023 16:59

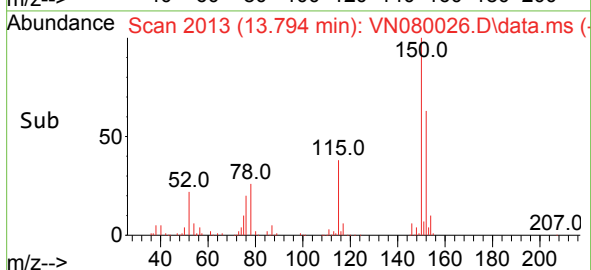
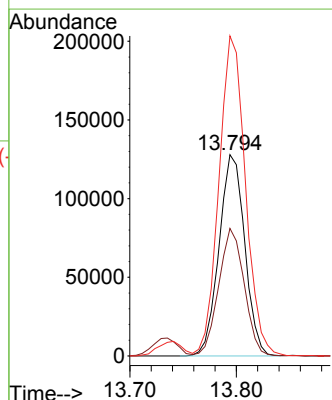
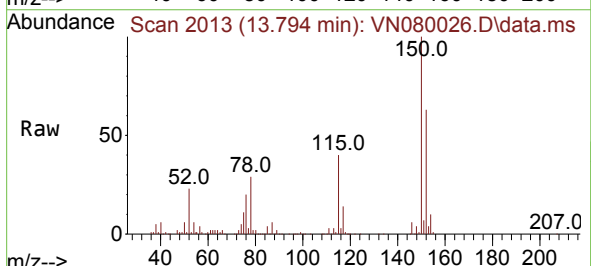
Tgt Ion:152 Resp: 214591

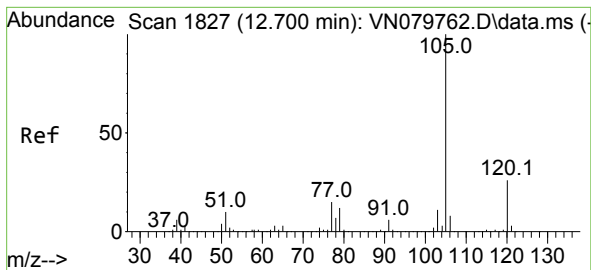
Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 163.8 0.0 355.8





#73

Isopropylbenzene

Concen: 18.844 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

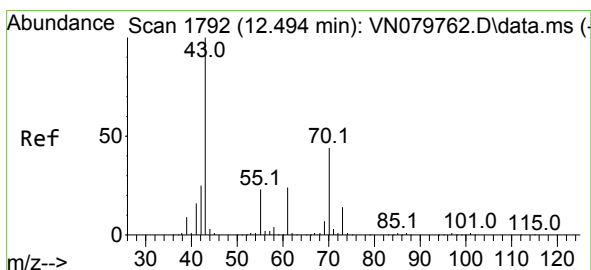
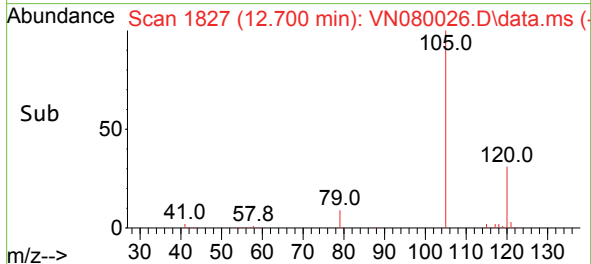
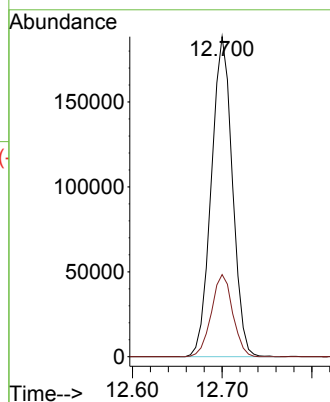
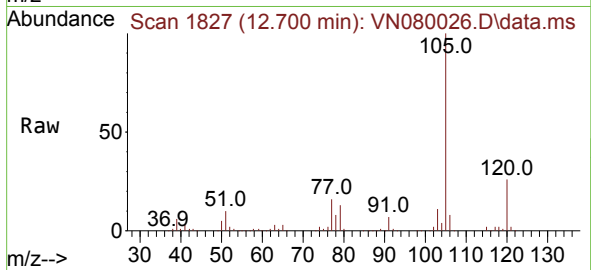
ClientSampleId :

Tgt Ion:105 Resp: 306902

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



#74

N-ethyl acetate

Concen: 17.706 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Tgt Ion: 43 Resp: 125864

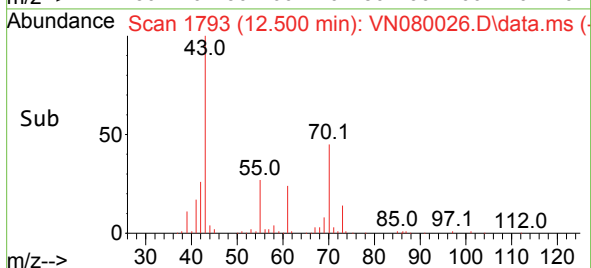
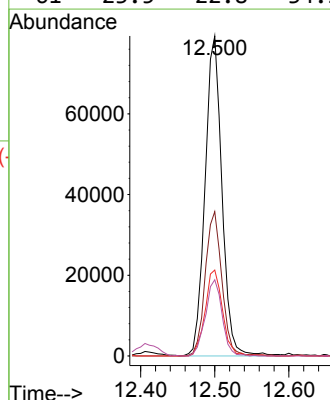
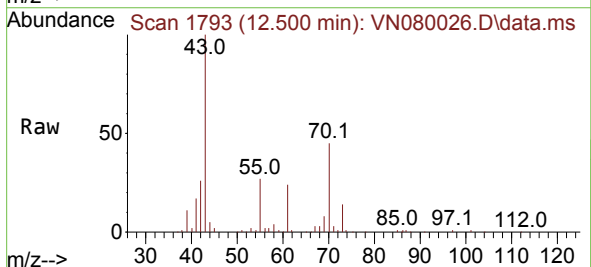
Ion Ratio Lower Upper

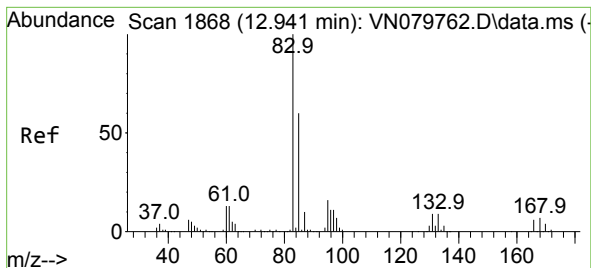
43 100

70 44.5 43.4 65.2

55 27.8 21.4 32.0

61 23.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.902 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

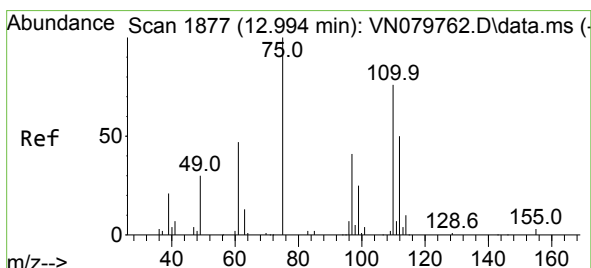
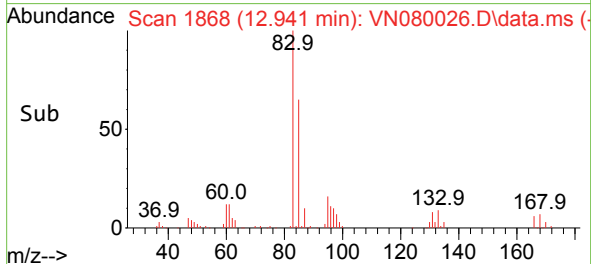
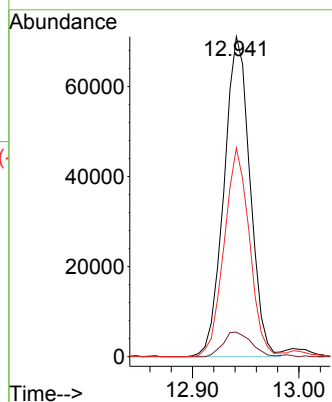
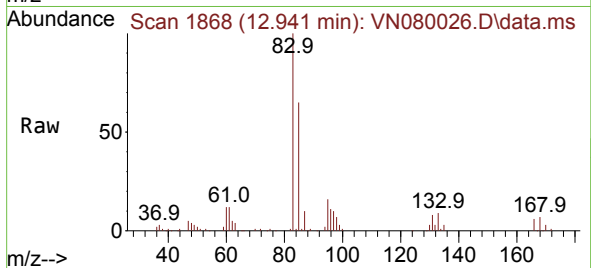
Tgt Ion: 83 Resp: 120695

Ion Ratio Lower Upper

83 100

131 8.3 5.0 15.0

85 63.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 29.148 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080026.D

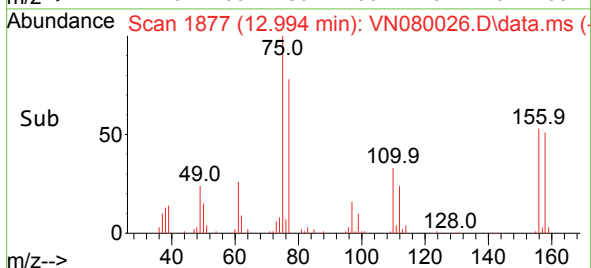
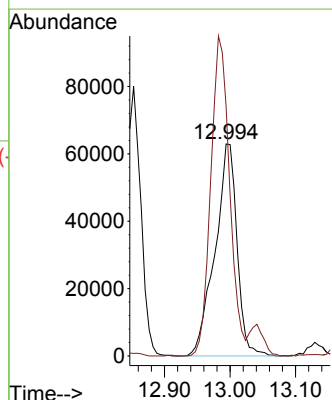
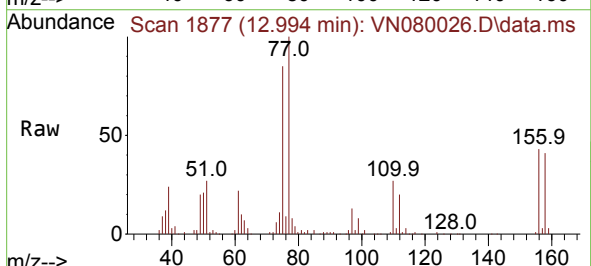
Acq: 09 Nov 2023 16:59

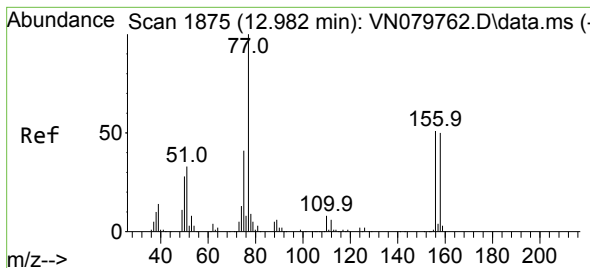
Tgt Ion: 75 Resp: 146846

Ion Ratio Lower Upper

75 100

77 128.8 84.5 253.5





#77

Bromobenzene

Concen: 20.446 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

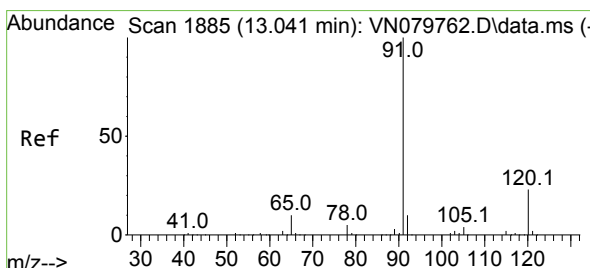
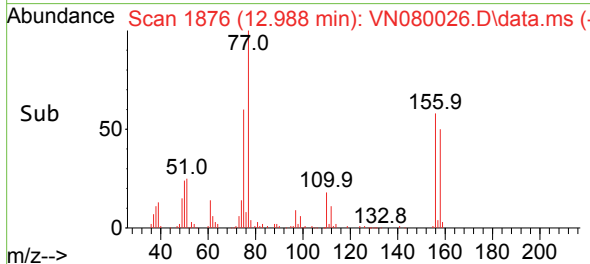
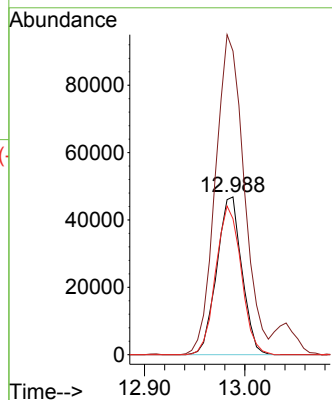
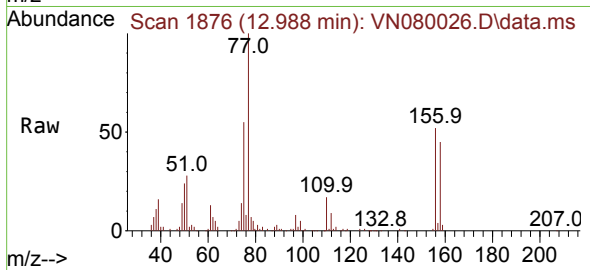
Tgt Ion:156 Resp: 81523

Ion Ratio Lower Upper

156 100

77 232.0 107.7 323.3

158 95.3 48.4 145.3



#78

n-propylbenzene

Concen: 19.667 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN080026.D

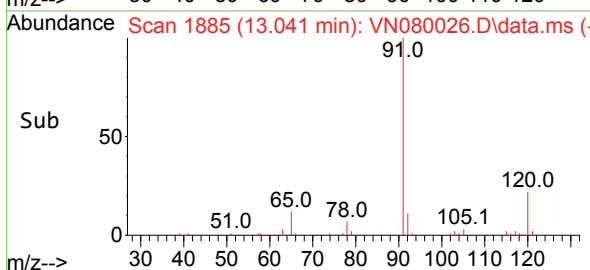
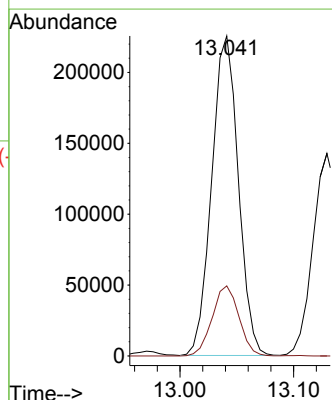
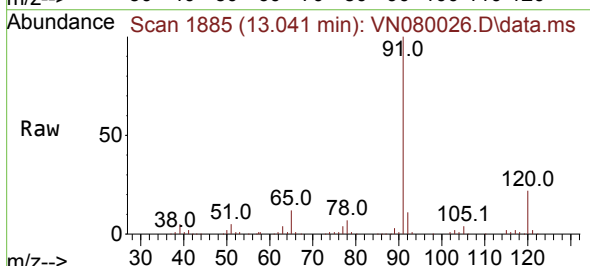
Acq: 09 Nov 2023 16:59

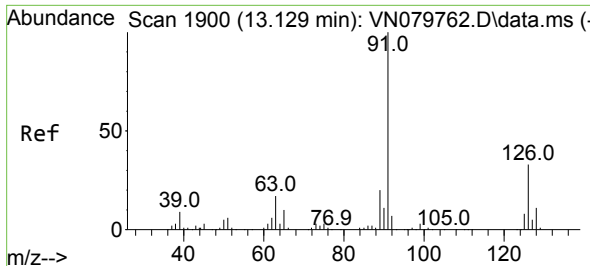
Tgt Ion: 91 Resp: 366798

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4

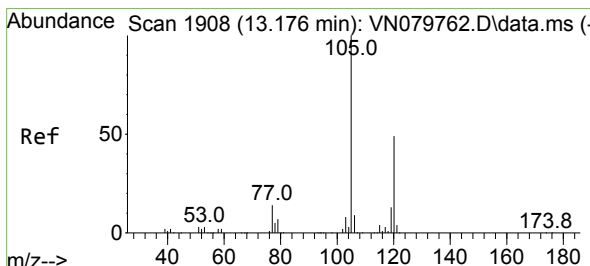
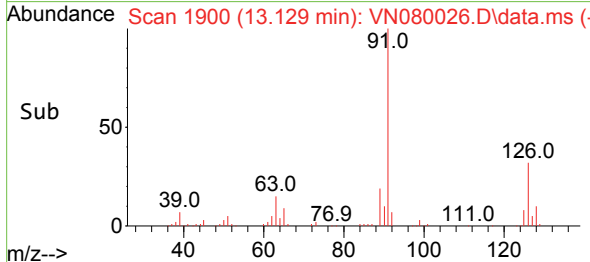
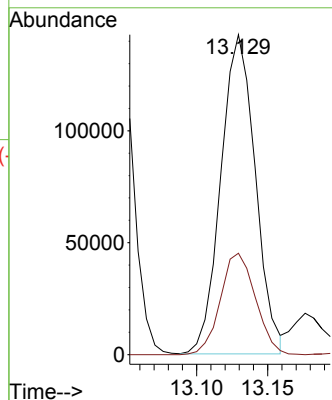
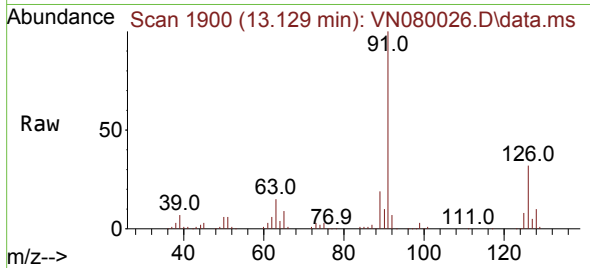




#79
2-Chlorotoluene
Concen: 20.225 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

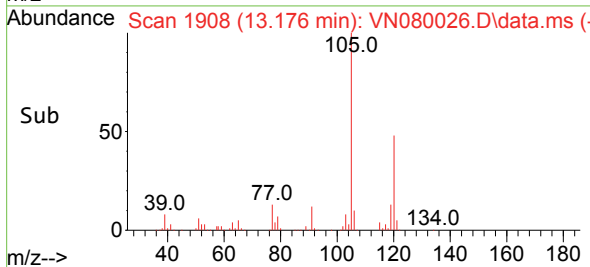
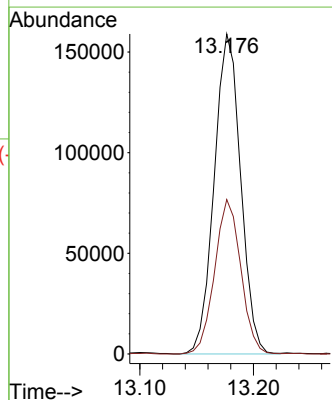
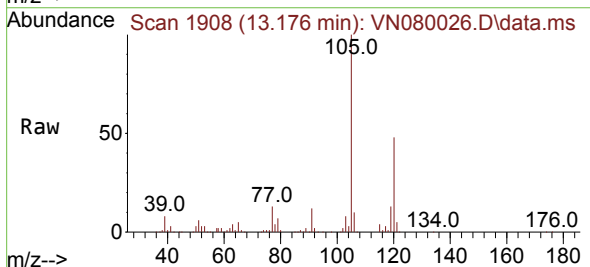
Instrument :
MSVOA_N
ClientSampleId :

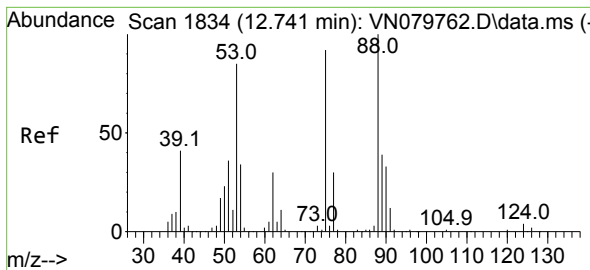
Tgt Ion: 91 Resp: 240962
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.286 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion:105 Resp: 257051
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3

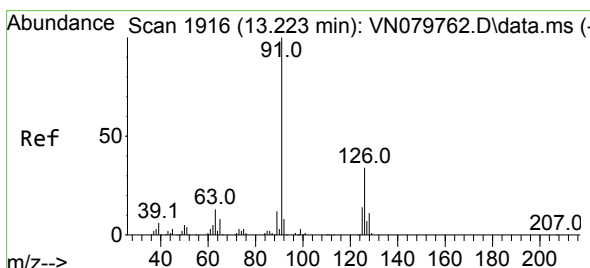
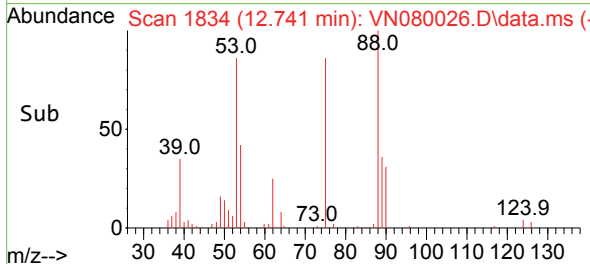
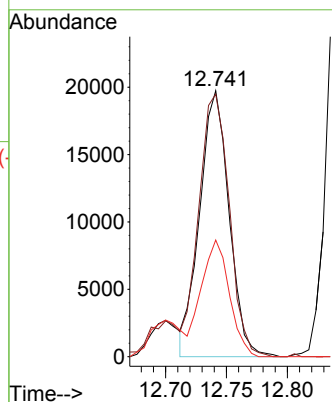
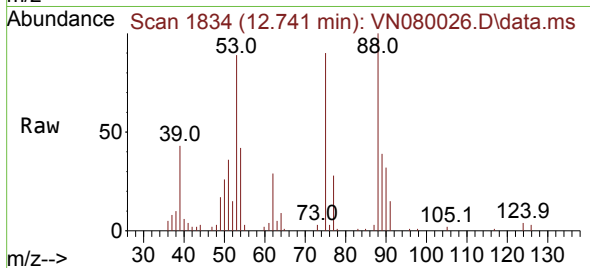




#81
trans-1,4-Dichloro-2-butene
Concen: 17.919 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

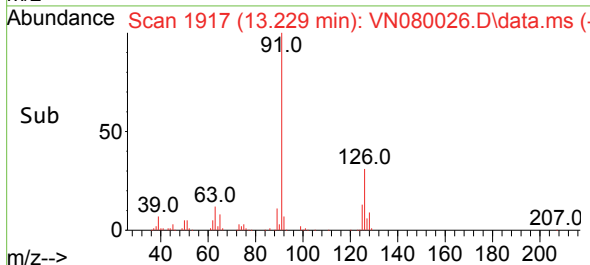
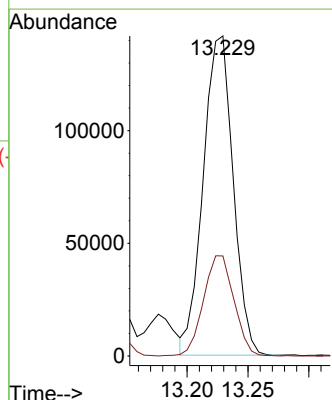
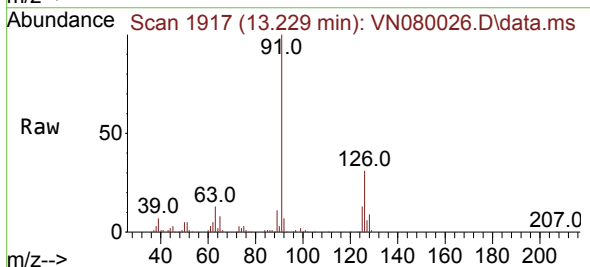
Instrument :
MSVOA_N
ClientSampleId :

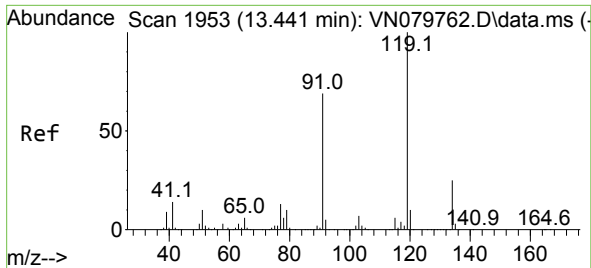
Tgt Ion: 75 Resp: 33180
Ion Ratio Lower Upper
75 100
53 116.0 67.4 101.2#
89 41.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 20.454 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

Tgt Ion: 91 Resp: 242165
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0

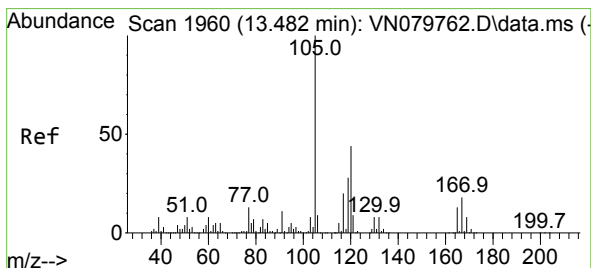
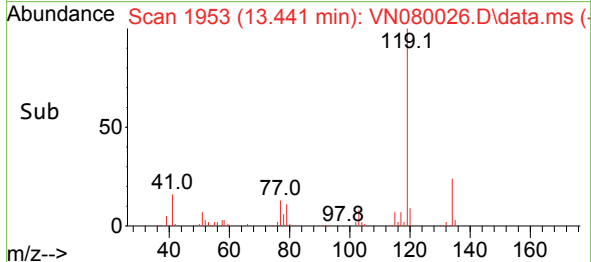
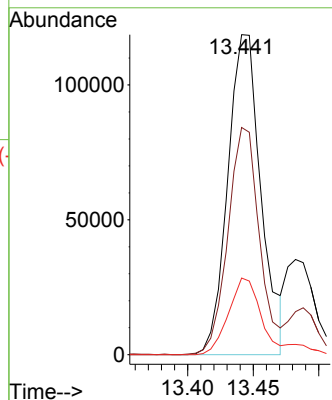
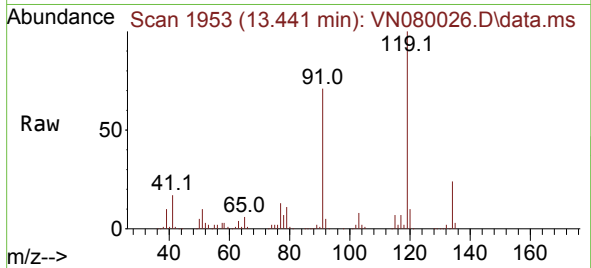




#83
 tert-Butylbenzene
 Concen: 20.178 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

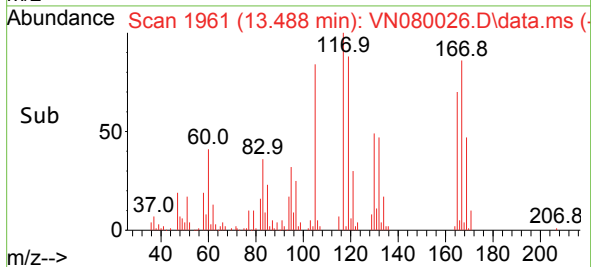
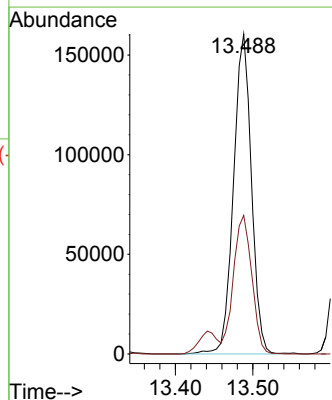
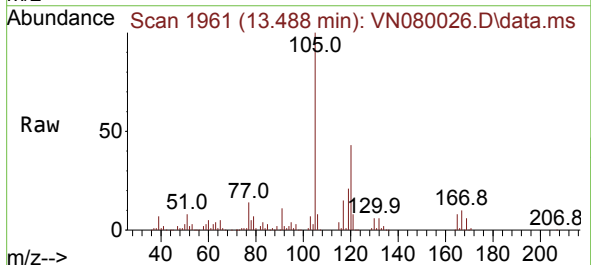
Instrument :
 MSVOA_N
 ClientSampleId :

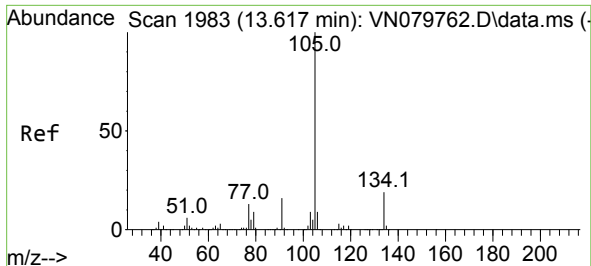
Tgt Ion:119 Resp: 209290
 Ion Ratio Lower Upper
 119 100
 91 67.5 33.9 101.7
 134 25.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.705 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

Tgt Ion:105 Resp: 258119
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.0 66.0

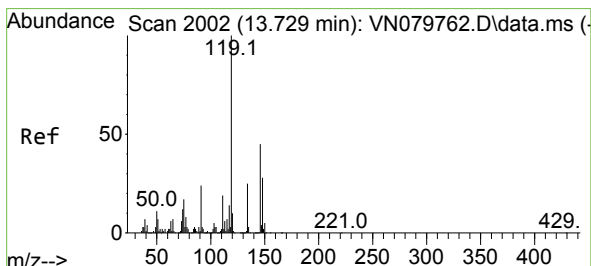
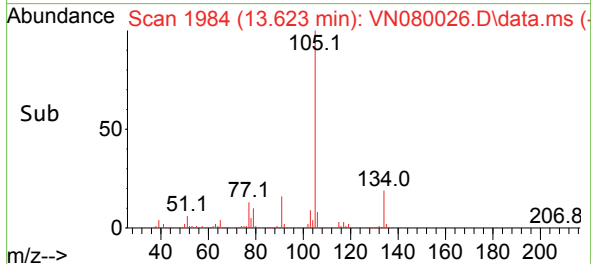
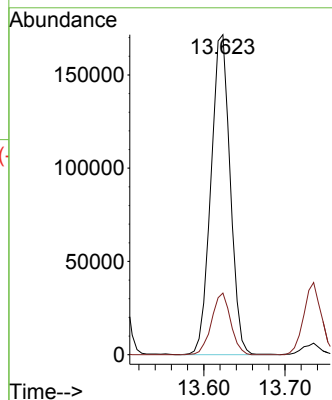
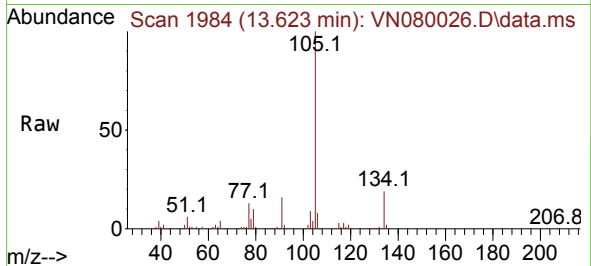




#85
 sec-Butylbenzene
 Concen: 19.683 ug/l
 RT: 13.623 min Scan# 1983
 Delta R.T. 0.006 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

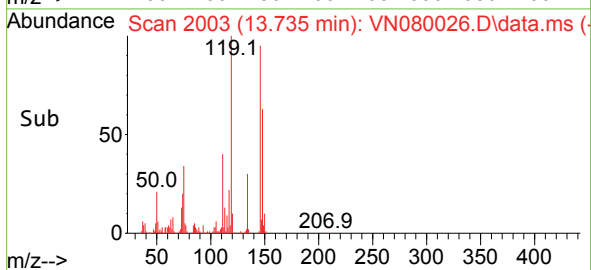
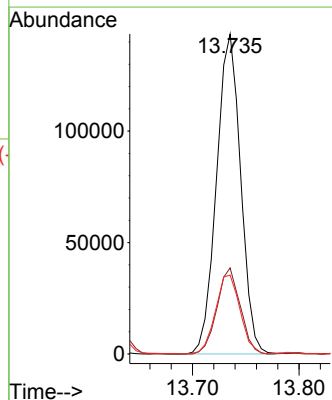
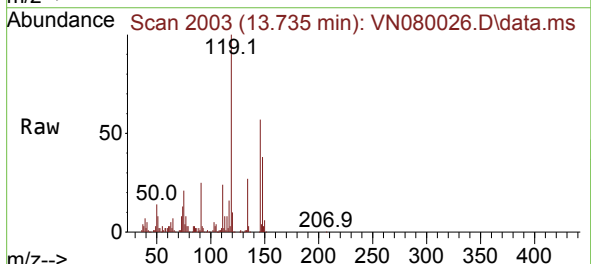
Instrument :
 MSVOA_N
 ClientSampleId :

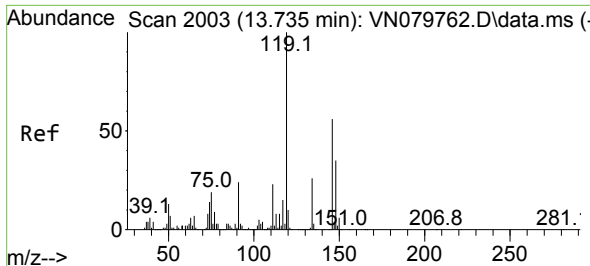
Tgt Ion:105 Resp: 282849
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.269 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

Tgt Ion:119 Resp: 225756
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 25.2 12.4 37.2

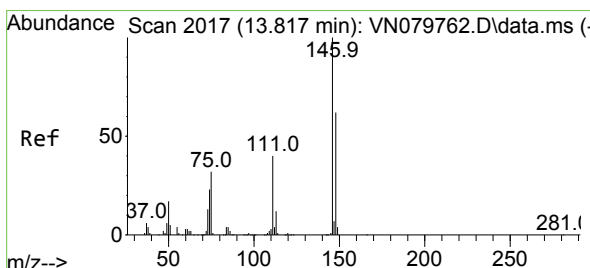
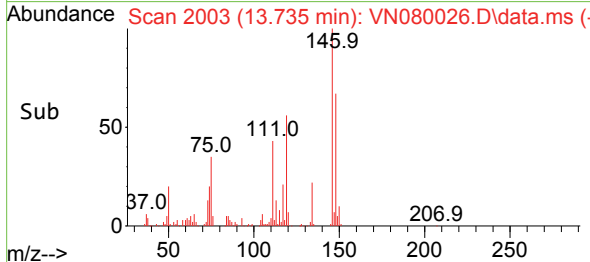
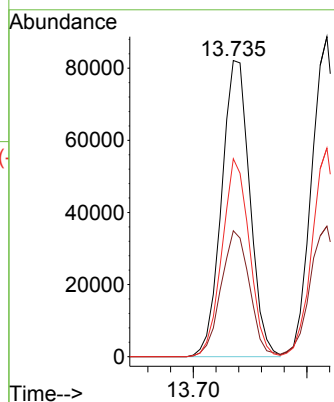
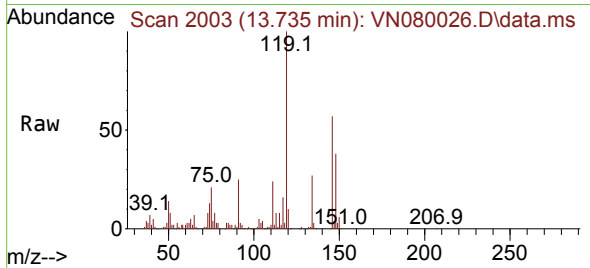




#87
 1,3-Dichlorobenzene
 Concen: 19.115 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

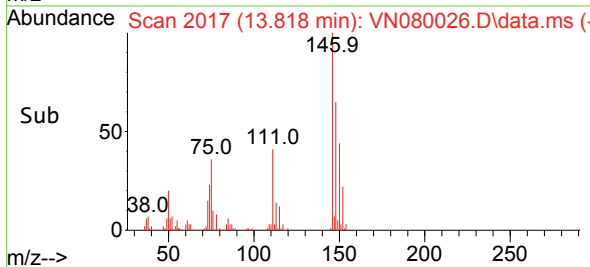
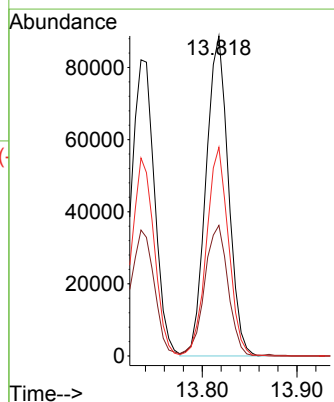
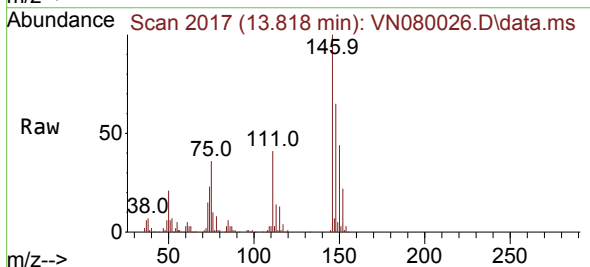
Instrument :
 MSVOA_N
 ClientSampleId :

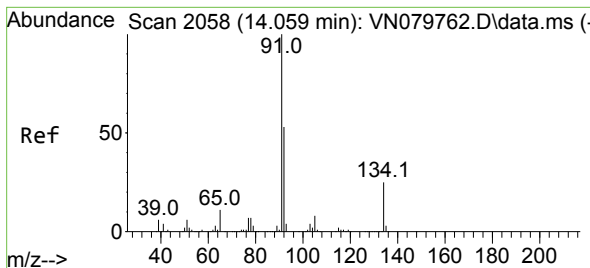
Tgt Ion:146 Resp: 141788
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.1 66.3
 148 64.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.326 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

Tgt Ion:146 Resp: 145505
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.6 61.8
 148 64.2 31.6 94.8





#89

n-Butylbenzene

Concen: 18.825 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

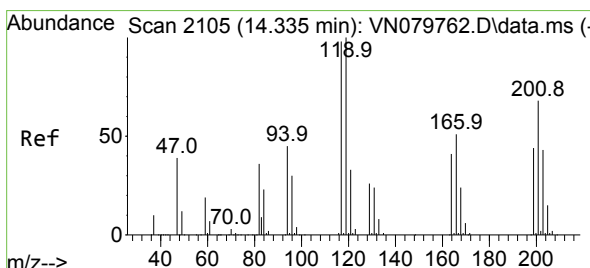
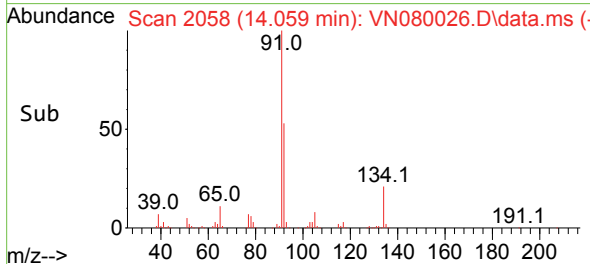
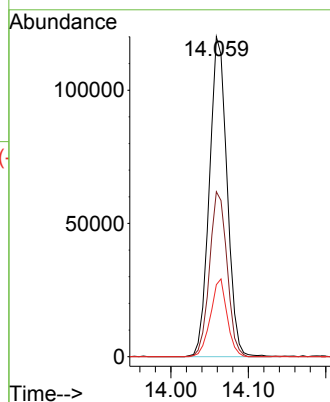
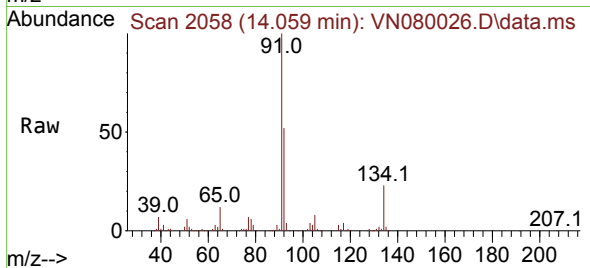
Tgt Ion: 91 Resp: 189958

Ion Ratio Lower Upper

91 100

92 51.0 26.4 79.0

134 22.8 12.6 37.6



#90

Hexachloroethane

Concen: 19.604 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080026.D

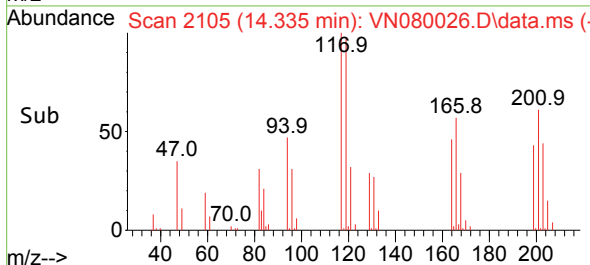
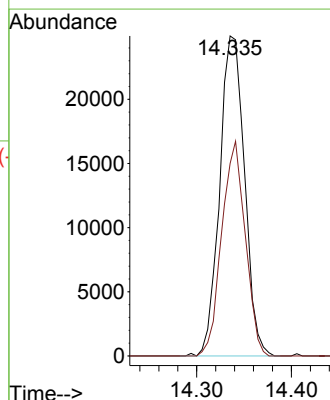
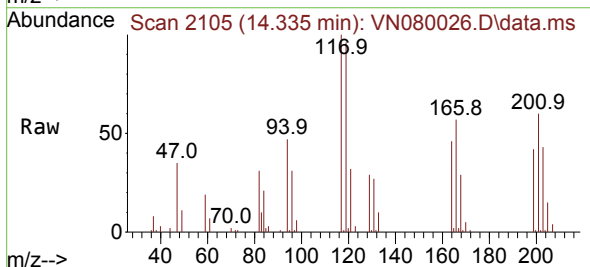
Acq: 09 Nov 2023 16:59

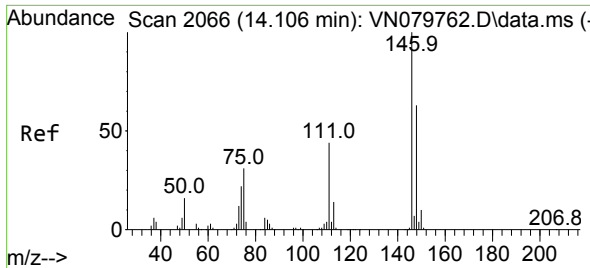
Tgt Ion: 117 Resp: 45486

Ion Ratio Lower Upper

117 100

201 63.6 29.3 88.0

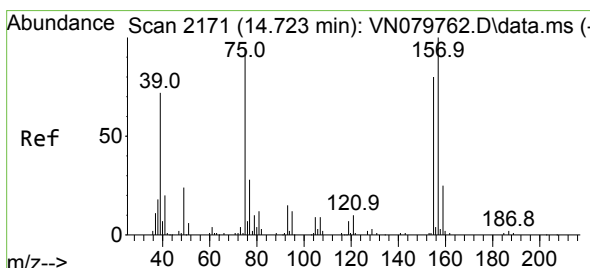
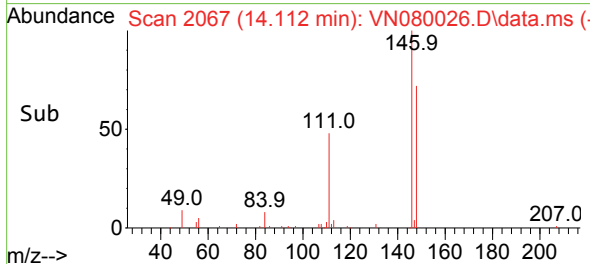
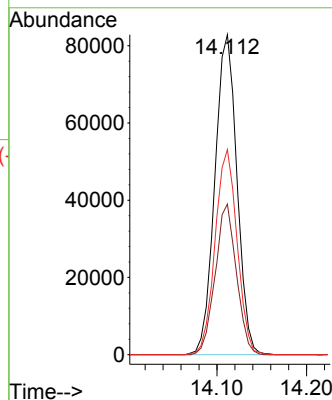
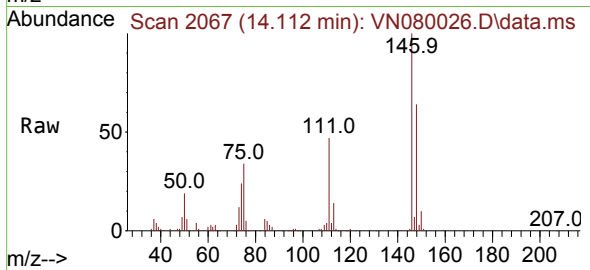




#91
1,2-Dichlorobenzene
Concen: 20.227 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

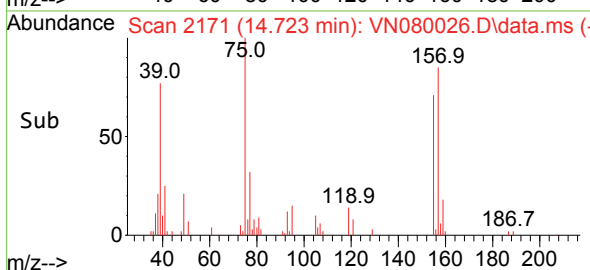
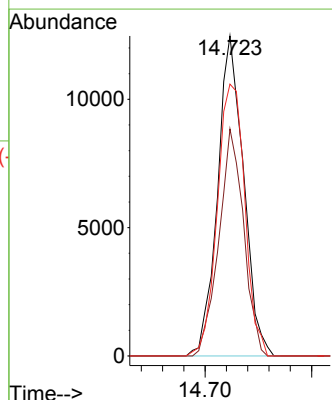
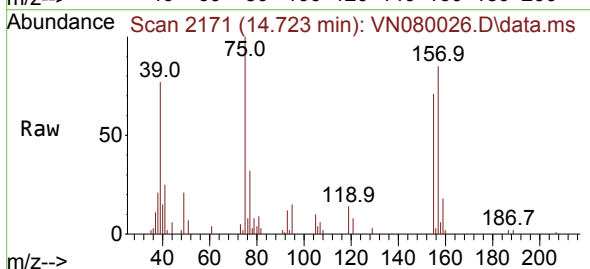
Instrument :
MSVOA_N
ClientSampleId :

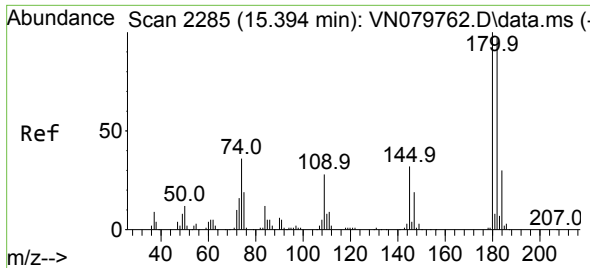
Tgt Ion:146 Resp: 141629
Ion Ratio Lower Upper
146 100
111 45.2 22.0 66.0
148 63.8 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.580 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080026.D
Acq: 09 Nov 2023 16:59

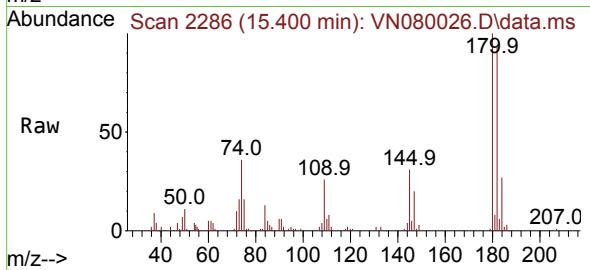
Tgt Ion: 75 Resp: 21132
Ion Ratio Lower Upper
75 100
155 67.4 39.1 117.2
157 89.8 50.3 150.9



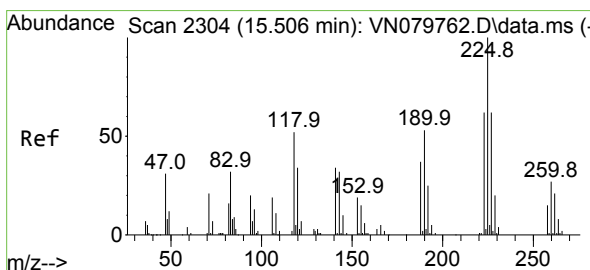
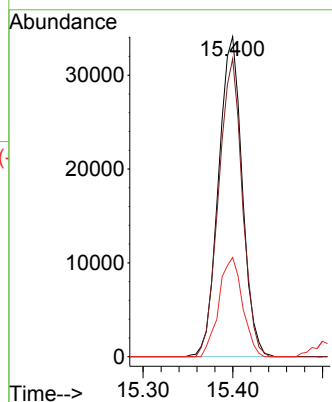
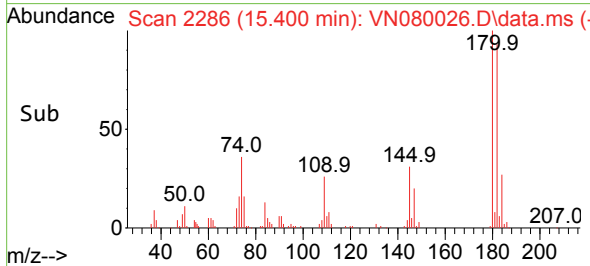


#93
 1,2,4-Trichlorobenzene
 Concen: 18.749 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59

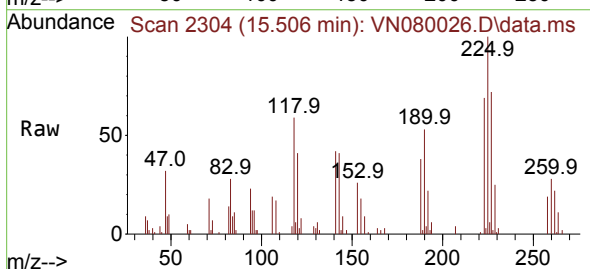
Instrument :
 MSVOA_N
 ClientSampleId :



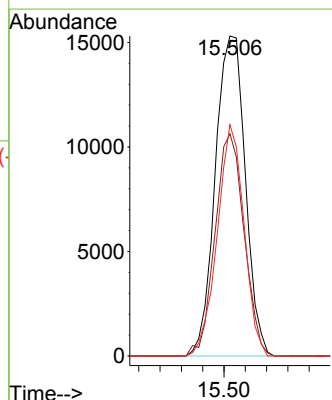
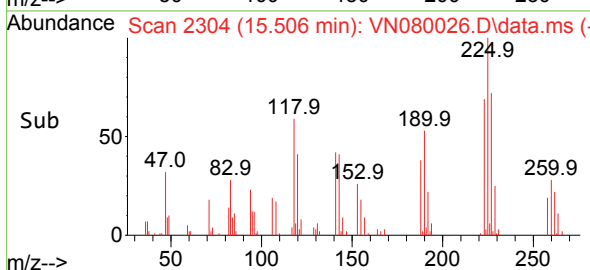
Tgt Ion:180 Resp: 62424
 Ion Ratio Lower Upper
 180 100
 182 92.7 46.1 138.2
 145 30.9 16.6 49.8

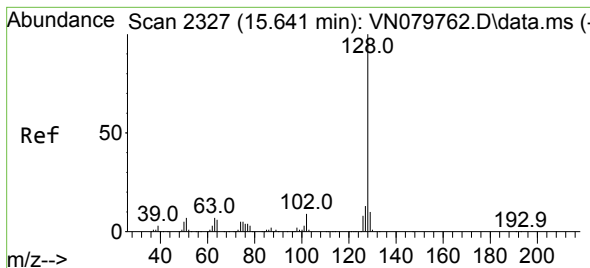


#94
 Hexachlorobutadiene
 Concen: 19.839 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN080026.D
 Acq: 09 Nov 2023 16:59



Tgt Ion:225 Resp: 29943
 Ion Ratio Lower Upper
 225 100
 223 67.1 31.3 93.8
 227 64.3 31.9 95.9





#95

Naphthalene

Concen: 15.955 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

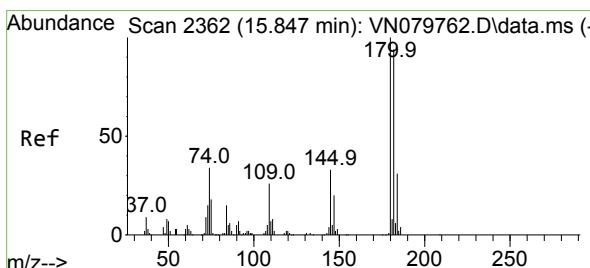
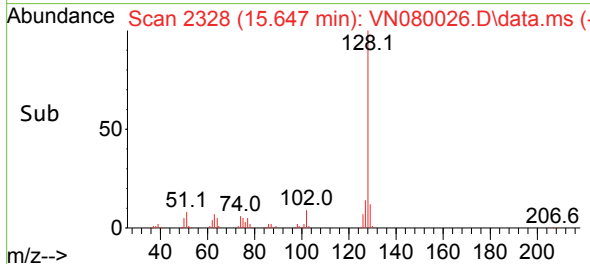
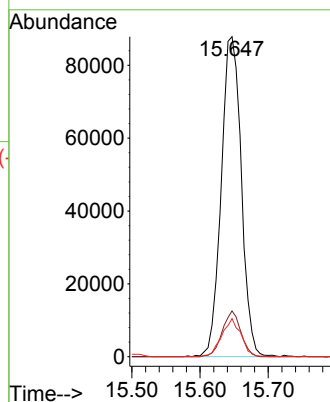
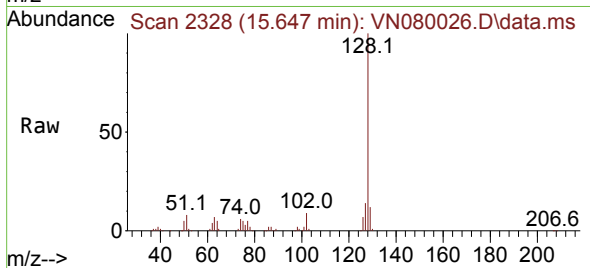
Tgt Ion:128 Resp: 180147

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.829 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080026.D

Acq: 09 Nov 2023 16:59

Tgt Ion:180 Resp: 61451

Ion Ratio Lower Upper

180 100

182 94.5 46.2 138.6

145 34.2 17.5 52.6

