

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078911.D
 Acq On : 16 Aug 2023 18:31
 Operator : JC\MD
 Sample : VN0816MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBS01

Quant Time: Aug 17 01:20:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	146749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	268601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	246797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	100250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	127543	55.853	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.700%
35) Dibromofluoromethane	8.171	113	94370	52.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.380%
50) Toluene-d8	10.571	98	357755	53.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.580%
62) 4-Bromofluorobenzene	12.853	95	115929	52.830	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	38077	18.700	ug/l	98
3) Chloromethane	2.365	50	53111	18.682	ug/l	99
4) Vinyl Chloride	2.512	62	50629	20.306	ug/l	100
5) Bromomethane	2.942	94	30412	21.245	ug/l #	77
6) Chloroethane	3.112	64	34884	20.014	ug/l	90
7) Trichlorofluoromethane	3.495	101	67247	22.145	ug/l	94
8) Diethyl Ether	3.965	74	25275	21.955	ug/l #	50
9) 1,1,2-Trichlorotrifluo...	4.371	101	36574	22.614	ug/l	99
10) Methyl Iodide	4.595	142	42058	23.242	ug/l	97
11) Tert butyl alcohol	5.530	59	46922	122.454	ug/l	97
12) 1,1-Dichloroethene	4.336	96	35622	22.611	ug/l #	75
13) Acrolein	4.183	56	41345	189.303	ug/l	96
14) Allyl chloride	5.030	41	60562	19.314	ug/l #	88
15) Acrylonitrile	5.736	53	129352	124.609	ug/l	97
16) Acetone	4.436	43	114717	121.751	ug/l	96
17) Carbon Disulfide	4.712	76	90557	20.534	ug/l	96
18) Methyl Acetate	5.036	43	103279	25.947	ug/l #	78
19) Methyl tert-butyl Ether	5.800	73	124839	21.997	ug/l #	89
20) Methylene Chloride	5.277	84	47031	23.422	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	36892	20.882	ug/l #	78
22) Diisopropyl ether	6.677	45	139055	20.963	ug/l #	92
23) Vinyl Acetate	6.612	43	438911	100.489	ug/l #	85
24) 1,1-Dichloroethane	6.583	63	75016	20.701	ug/l	95
25) 2-Butanone	7.489	43	163745	108.395	ug/l #	75
26) 2,2-Dichloropropane	7.494	77	45141	15.411	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	42577	19.828	ug/l	88
28) Bromochloromethane	7.818	49	45718	23.782	ug/l #	68
29) Tetrahydrofuran	7.841	42	107563	107.575	ug/l #	72
30) Chloroform	7.971	83	74727	20.640	ug/l	97
31) Cyclohexane	8.265	56	57563	18.551	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	62329	20.191	ug/l	93
36) 1,1-Dichloropropene	8.371	75	48807	17.945	ug/l	97
37) Ethyl Acetate	7.565	43	69284	22.768	ug/l #	90
38) Carbon Tetrachloride	8.371	117	52585	19.296	ug/l	99
39) Methylcyclohexane	9.612	83	42702	17.071	ug/l	91
40) Benzene	8.612	78	163474	20.335	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	34801	20.998	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	64309	21.412	ug/l	95
43) Isopropyl Acetate	8.694	43	142866	26.562	ug/l #	79
44) Trichloroethene	9.359	130	36734	19.231	ug/l	94
45) 1,2-Dichloropropane	9.630	63	45894	21.442	ug/l	98
46) Dibromomethane	9.712	93	29413	20.035	ug/l	94
47) Bromodichloromethane	9.894	83	61026	21.051	ug/l	96
48) Methyl methacrylate	9.682	41	52077	21.367	ug/l #	73
49) 1,4-Dioxane	9.706	88	17115	412.262	ug/l #	70
51) 4-Methyl-2-Pentanone	10.453	43	351090	110.057	ug/l #	85
52) Toluene	10.635	92	98716	20.000	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	60638	19.505	ug/l	90
54) cis-1,3-Dichloropropene	10.318	75	63353	18.711	ug/l #	81
55) 1,1,2-Trichloroethane	11.024	97	41482	20.961	ug/l	93
56) Ethyl methacrylate	10.882	69	63859	20.816	ug/l #	72
57) 1,3-Dichloropropane	11.171	76	75452	21.315	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	156055	105.971	ug/l	90
59) 2-Hexanone	11.200	43	253286	109.620	ug/l	83
60) Dibromochloromethane	11.365	129	42195	20.261	ug/l	98
61) 1,2-Dibromoethane	11.477	107	40842	20.308	ug/l	98
64) Tetrachloroethene	11.106	164	27439	17.729	ug/l	96
65) Chlorobenzene	11.900	112	102914	19.590	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	37793	19.036	ug/l	97
67) Ethyl Benzene	11.965	91	179955	18.837	ug/l	95
68) m/p-Xylenes	12.076	106	131997	36.955	ug/l	94
69) o-Xylene	12.400	106	67116	19.316	ug/l	99
70) Styrene	12.418	104	109429	18.888	ug/l	97
71) Bromoform	12.582	173	28577	19.799	ug/l #	98
73) Isopropylbenzene	12.700	105	162597	19.452	ug/l	99
74) N-amyl acetate	12.500	43	90220	21.383	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	67702	22.431	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	78904	32.665	ug/l	61
77) Bromobenzene	12.988	156	38685	19.253	ug/l	89
78) n-propylbenzene	13.041	91	181395	18.714	ug/l	98
79) 2-Chlorotoluene	13.129	91	120089	19.972	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	131312	19.823	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	20388	21.561	ug/l #	82
82) 4-Chlorotoluene	13.229	91	113273	19.253	ug/l	100
83) tert-Butylbenzene	13.441	119	102722	18.456	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	131004	19.973	ug/l	98
85) sec-Butylbenzene	13.623	105	145269	18.966	ug/l	99
86) p-Isopropyltoluene	13.735	119	113418	18.534	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	68209	19.728	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	63584	18.374	ug/l	97
89) n-Butylbenzene	14.059	91	89757	17.823	ug/l	95
90) Hexachloroethane	14.341	117	25324	20.644	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	66841	19.440	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	11247	19.925	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	22100	18.131	ug/l	97
94) Hexachlorobutadiene	15.512	225	13063	18.567	ug/l	94
95) Naphthalene	15.647	128	67287	16.390	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	24179	18.112	ug/l	97

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Instrument :
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QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

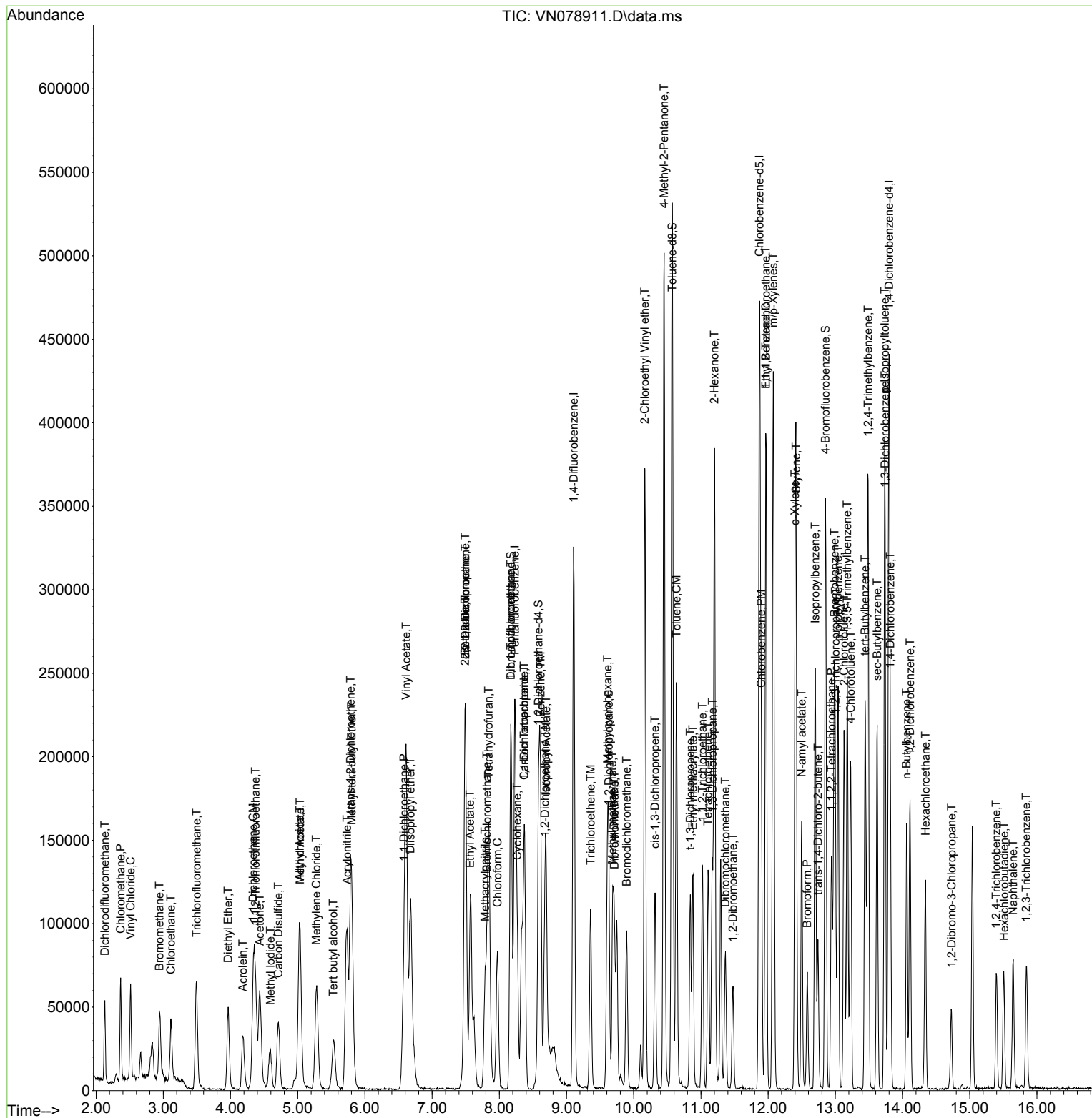
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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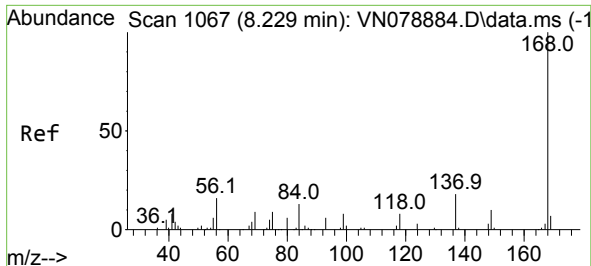
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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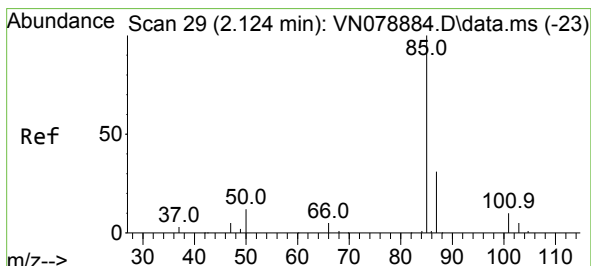
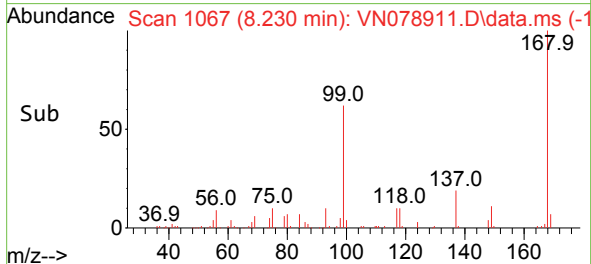
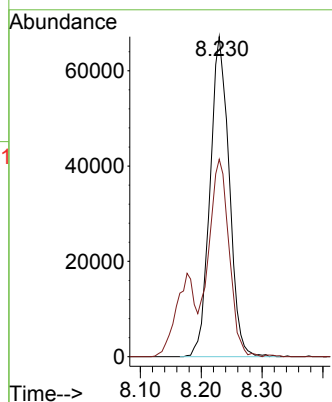
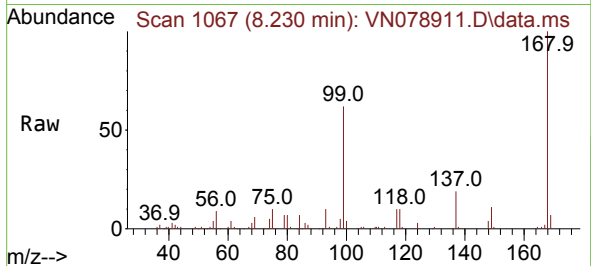




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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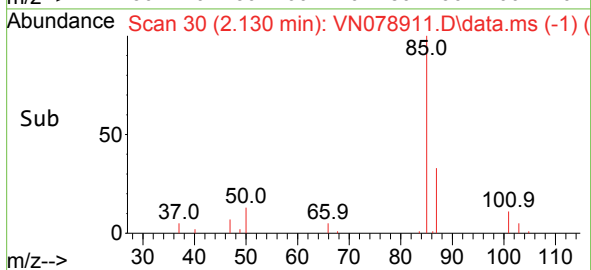
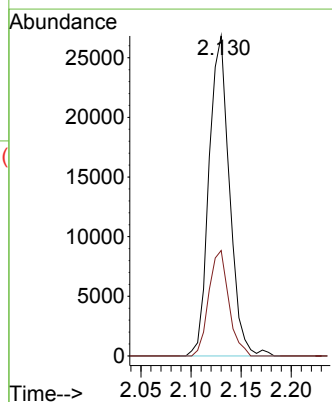
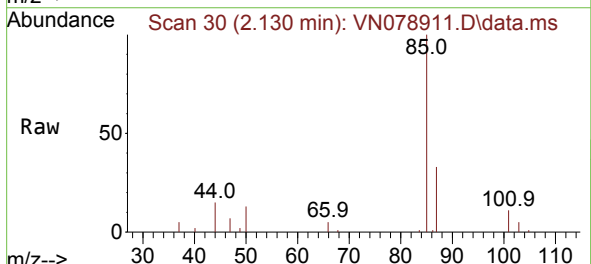
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBSD01

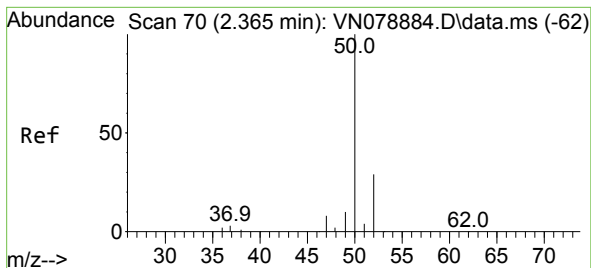
Tgt Ion:168 Resp: 146749
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 18.700 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 85 Resp: 38077
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3

Chloromethane

Concen: 18.682 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

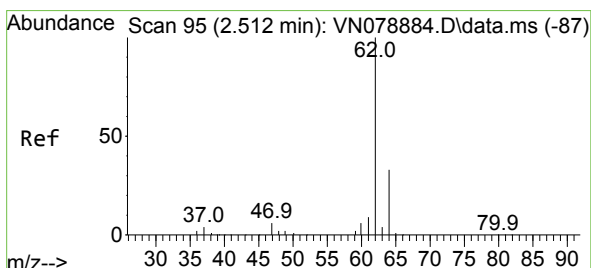
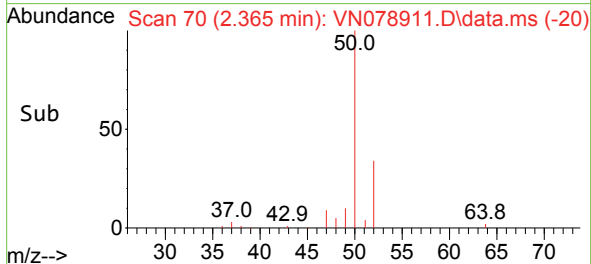
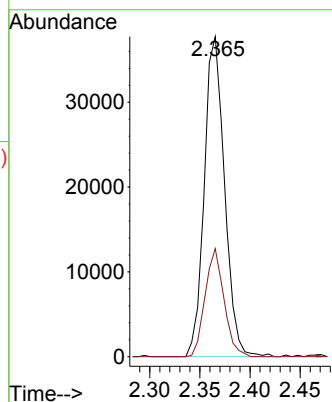
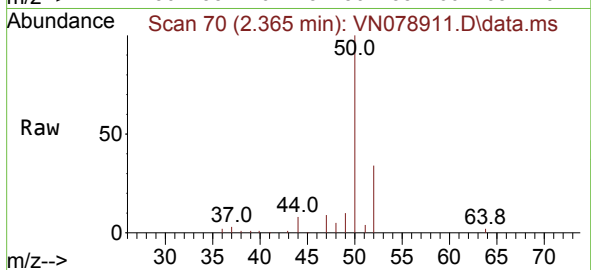
VN0816MBSD01

Tgt Ion: 50 Resp: 53111

Ion Ratio Lower Upper

50 100

52 33.8 26.5 39.7



#4

Vinyl Chloride

Concen: 20.306 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN078911.D

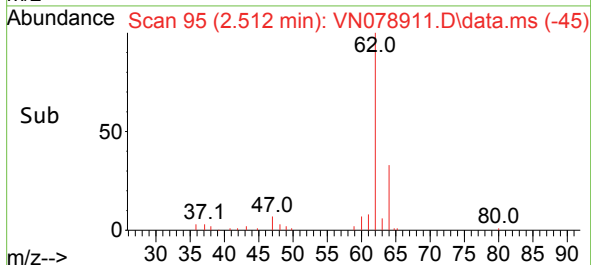
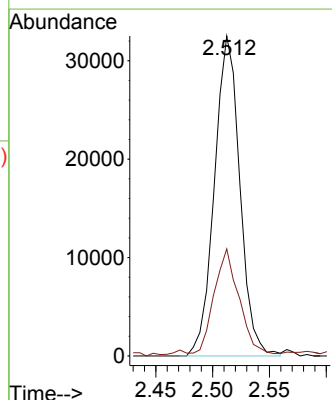
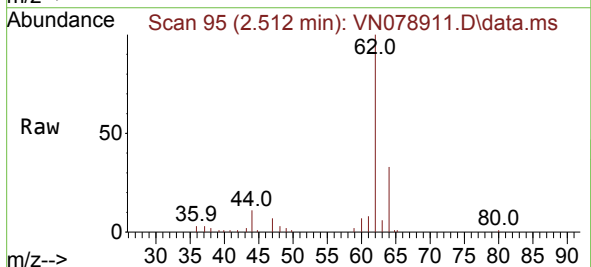
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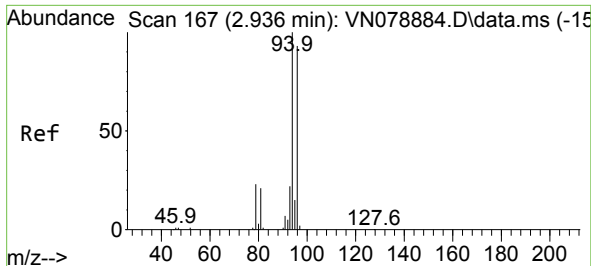
Tgt Ion: 62 Resp: 50629

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.2

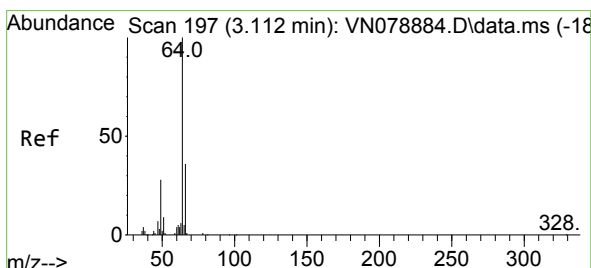
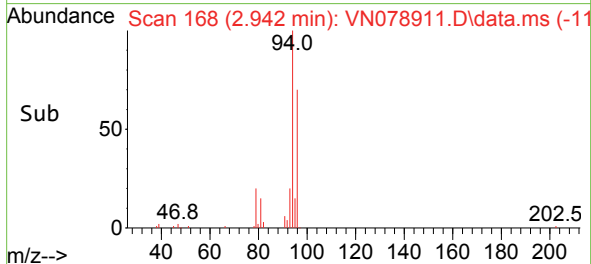
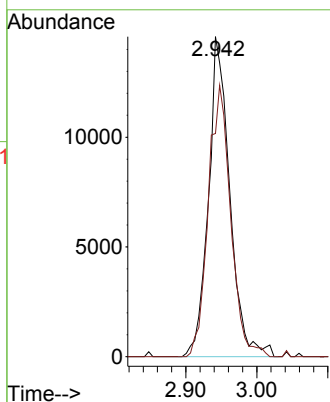
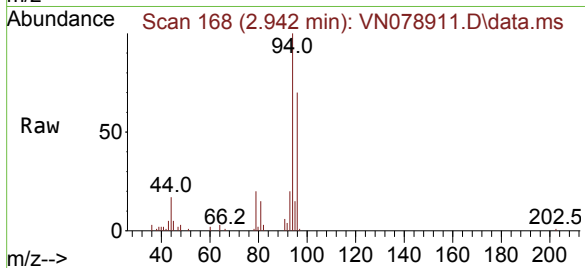




#5
Bromomethane
Concen: 21.245 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078911.D
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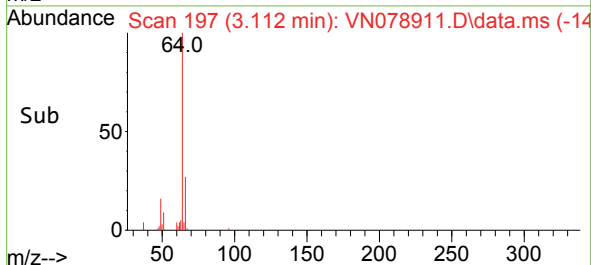
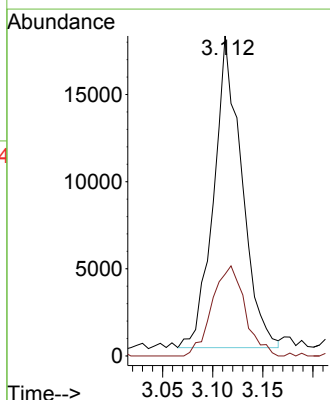
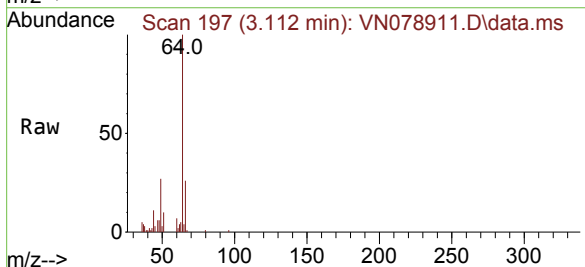
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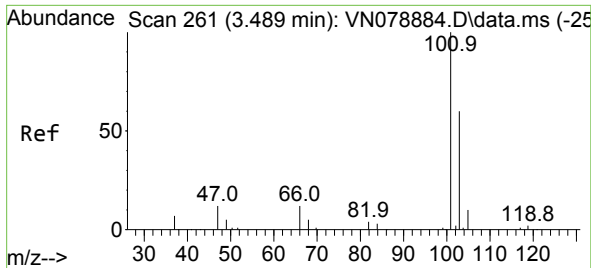
Tgt Ion: 94 Resp: 30412
Ion Ratio Lower Upper
94 100
96 69.8 73.1 109.7#



#6
Chloroethane
Concen: 20.014 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 64 Resp: 34884
Ion Ratio Lower Upper
64 100
66 26.2 25.4 38.2

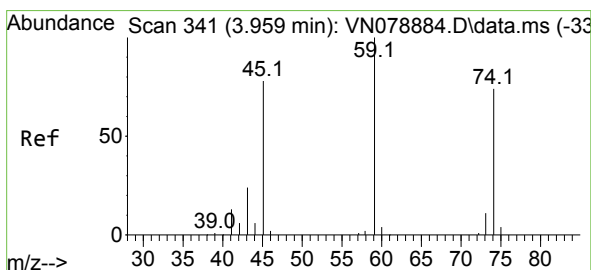
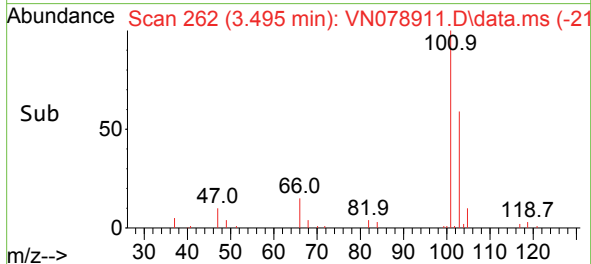
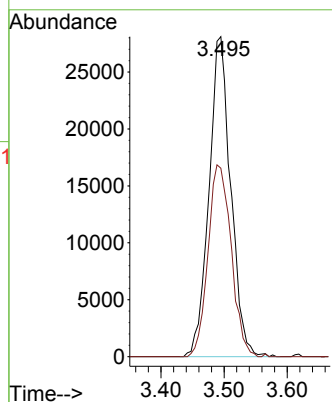
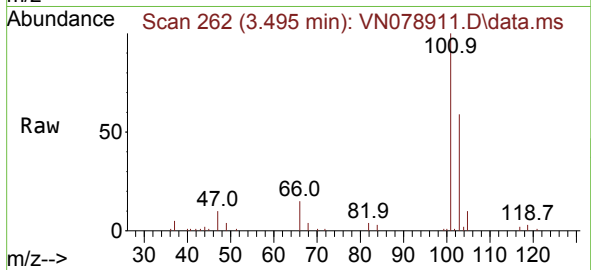




#7
 Trichlorofluoromethane
 Concen: 22.145 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078911.D
 Acq: 16 Aug 2023 18:31

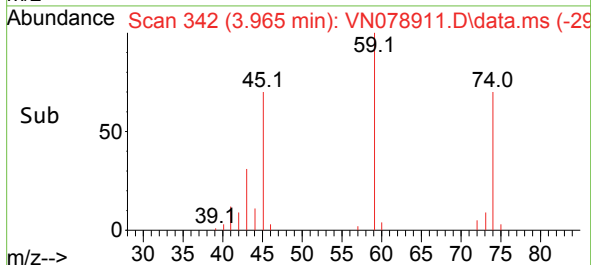
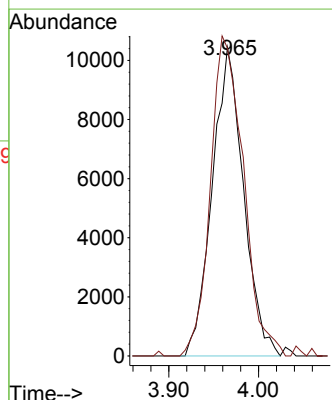
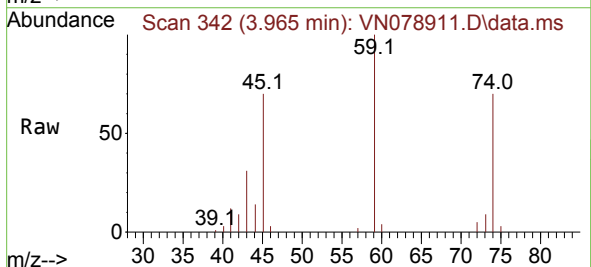
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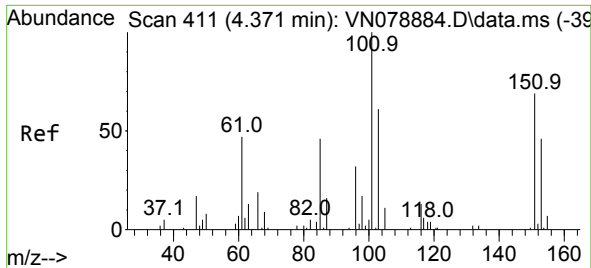
Tgt Ion:101 Resp: 67247
 Ion Ratio Lower Upper
 101 100
 103 58.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 21.955 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 25275
 Ion Ratio Lower Upper
 74 100
 45 109.3 34.4 103.3#

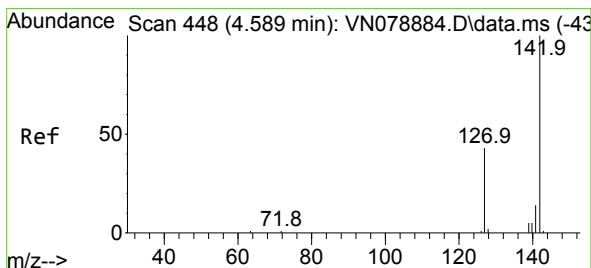
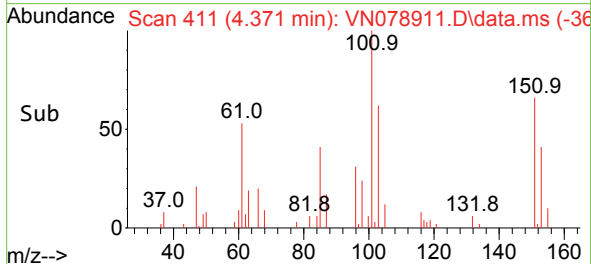
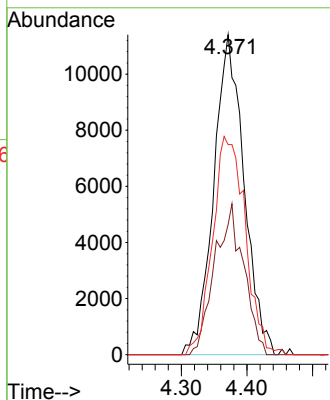
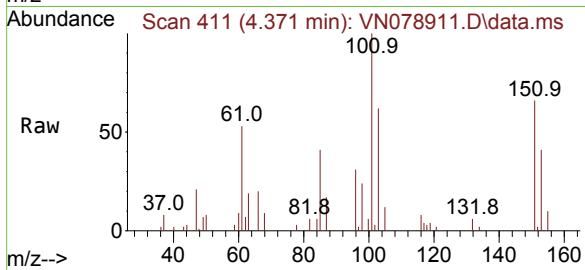




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.614 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

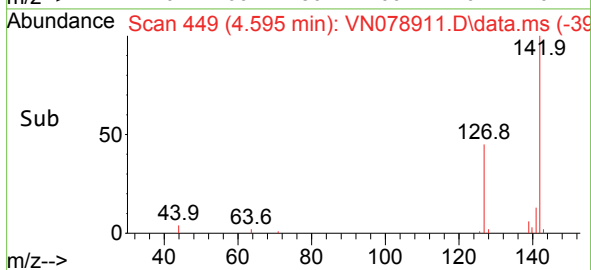
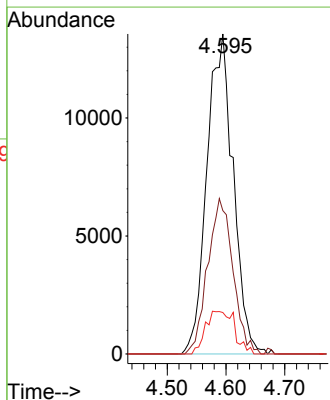
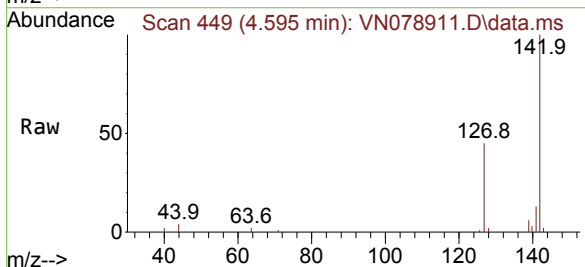
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBSD01

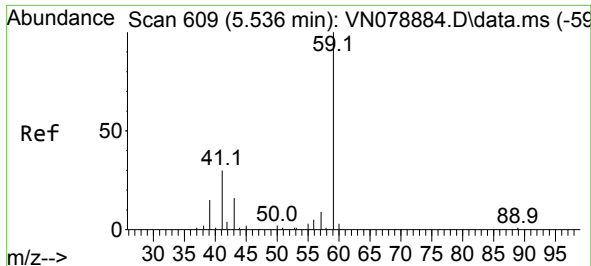
Tgt Ion:101 Resp: 36574
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 73.5 57.6 86.4



#10
Methyl Iodide
Concen: 23.242 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion:142 Resp: 42058
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 13.0 11.4 17.0

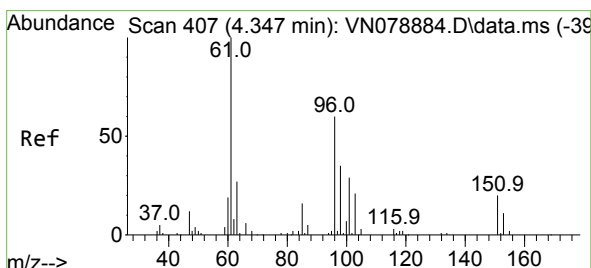
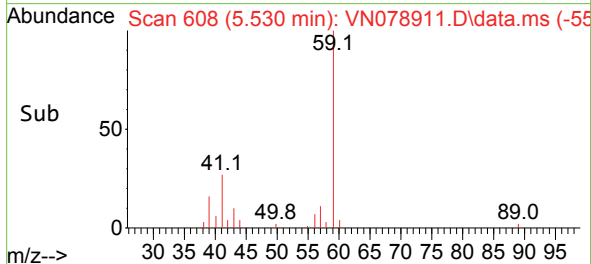
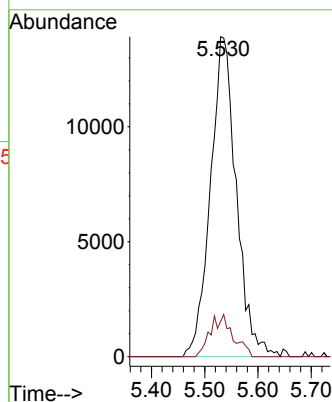
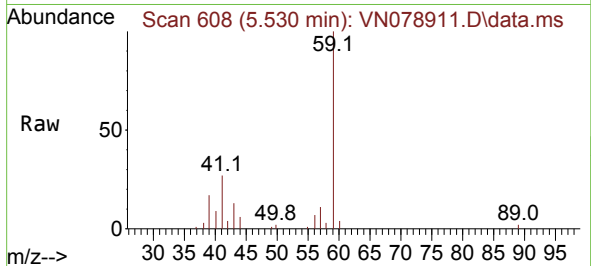




#11
Tert butyl alcohol
Concen: 122.454 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

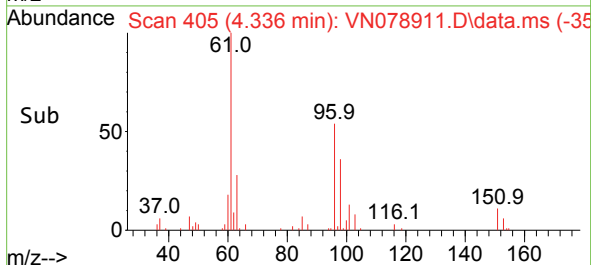
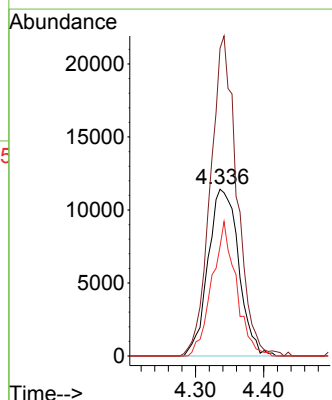
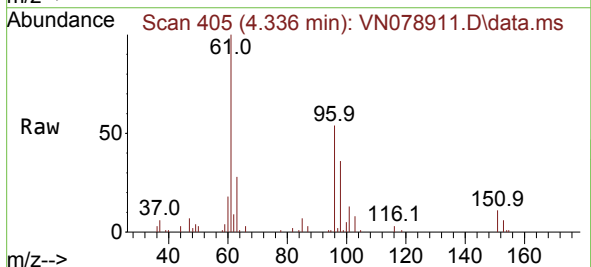
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBS01

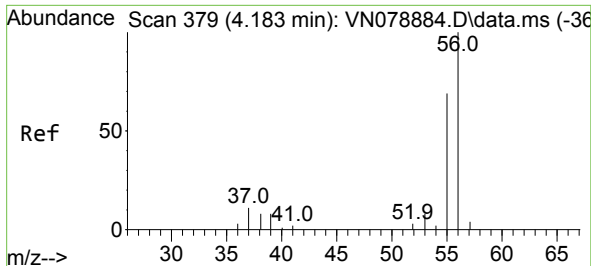
Tgt Ion: 59 Resp: 46922
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 22.611 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

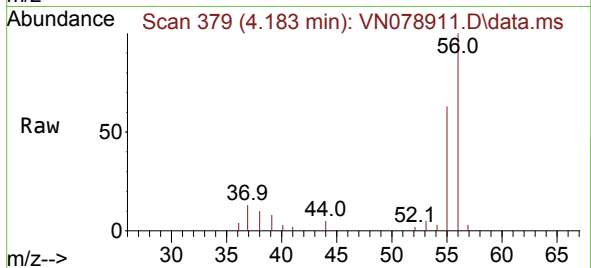
Tgt Ion: 96 Resp: 35622
Ion Ratio Lower Upper
96 100
61 184.5 112.7 169.1#
98 65.6 51.2 76.8



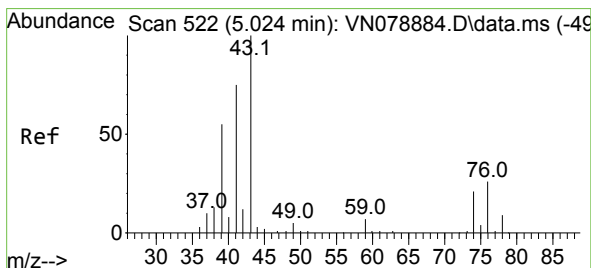
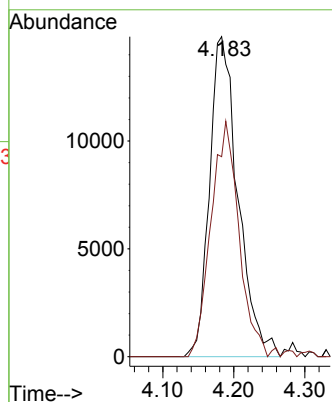
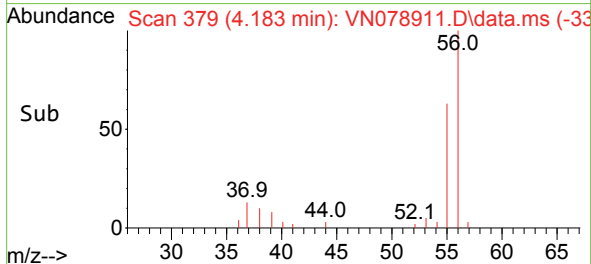


#13
Acrolein
Concen: 189.303 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Instrument :
MSVOA_N
ClientSampleId :
VN0816MBS01

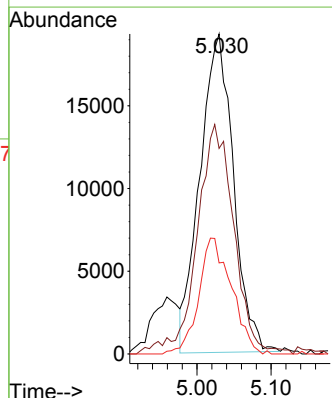
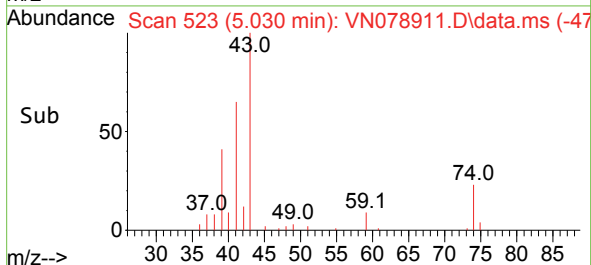
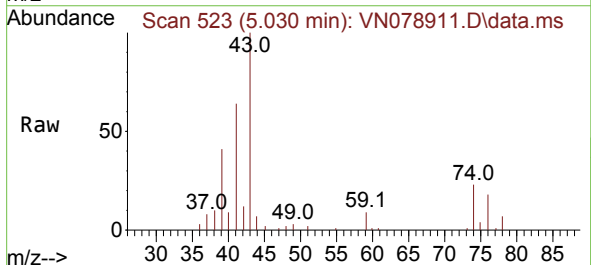


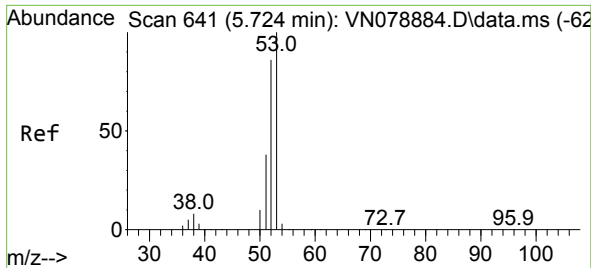
Tgt Ion: 56 Resp: 41345
Ion Ratio Lower Upper
56 100
55 71.7 54.5 81.7



#14
Allyl chloride
Concen: 19.314 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 41 Resp: 60562
Ion Ratio Lower Upper
41 100
39 79.2 58.8 88.2
76 35.6 39.1 58.7#

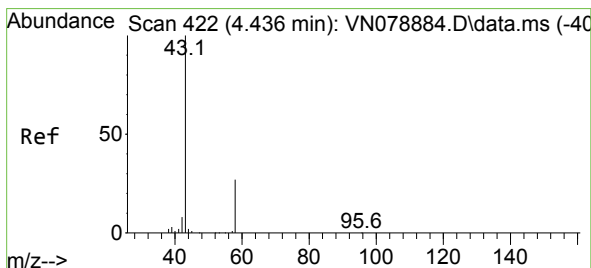
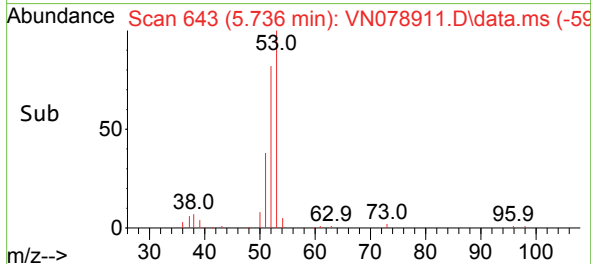
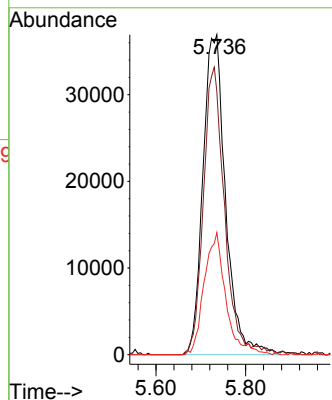
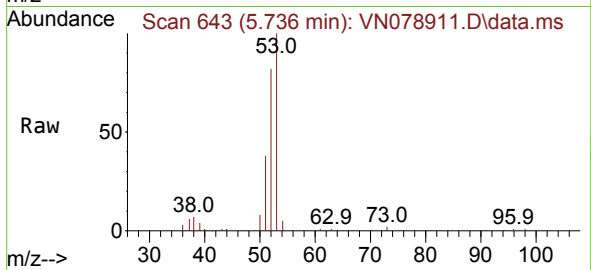




#15
Acrylonitrile
Concen: 124.609 ug/l
RT: 5.736 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

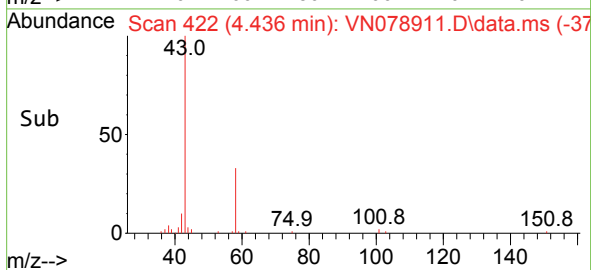
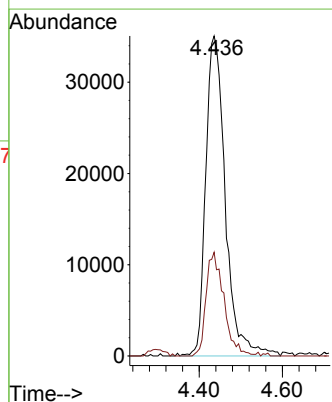
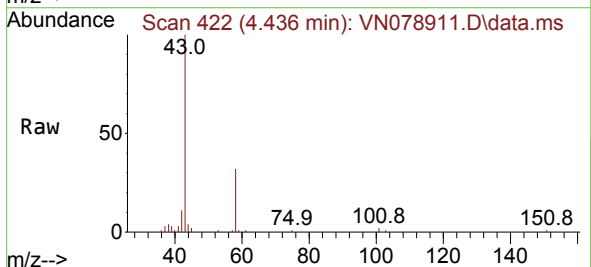
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBSD01

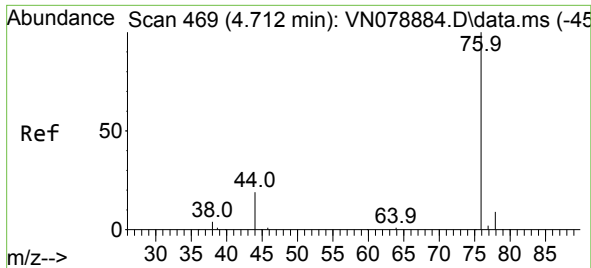
Tgt Ion: 53 Resp: 129352
Ion Ratio Lower Upper
53 100
52 84.1 65.3 97.9
51 34.9 28.9 43.3



#16
Acetone
Concen: 121.751 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 43 Resp: 114717
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0

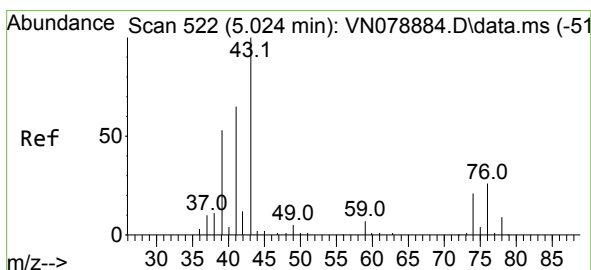
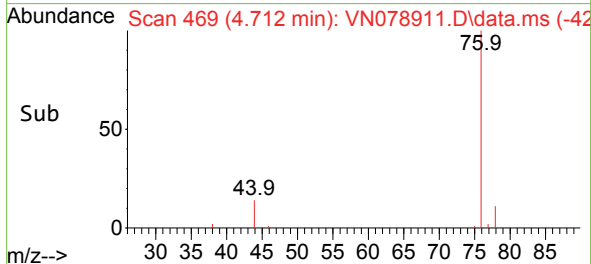
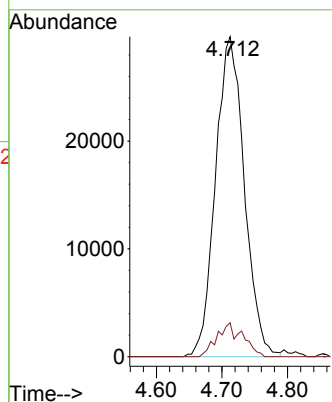
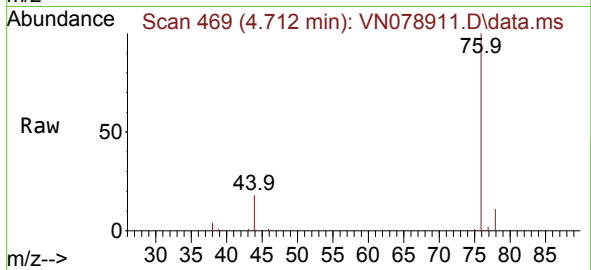




#17
Carbon Disulfide
Concen: 20.534 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

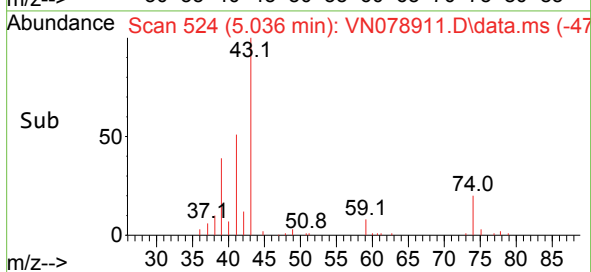
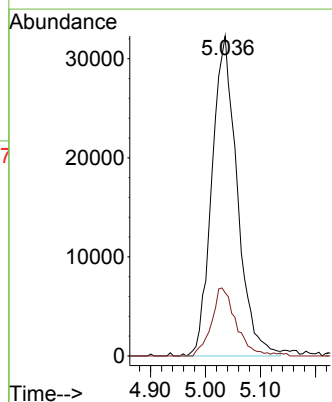
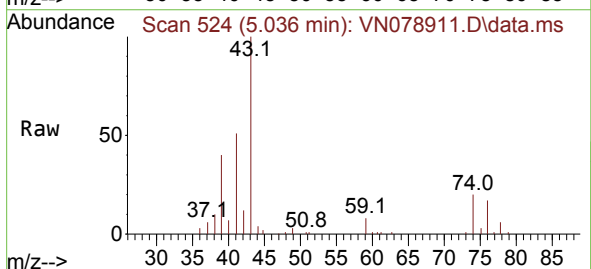
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBSD01

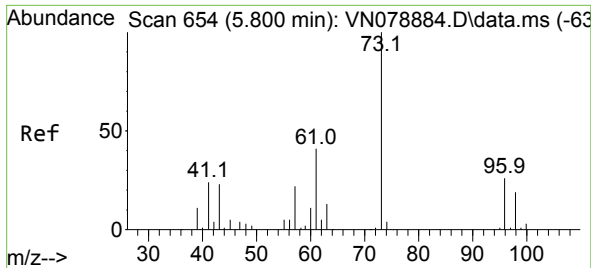
Tgt Ion: 76 Resp: 90557
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#18
Methyl Acetate
Concen: 25.947 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 43 Resp: 103279
Ion Ratio Lower Upper
43 100
74 20.5 26.2 39.4#

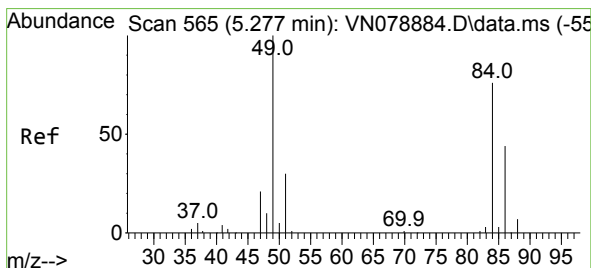
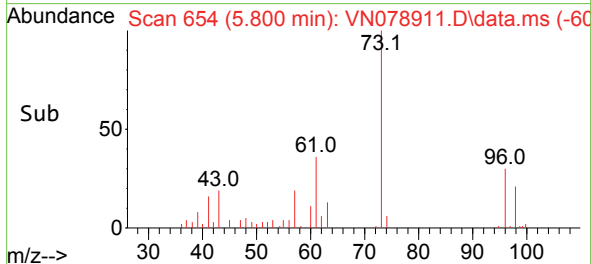
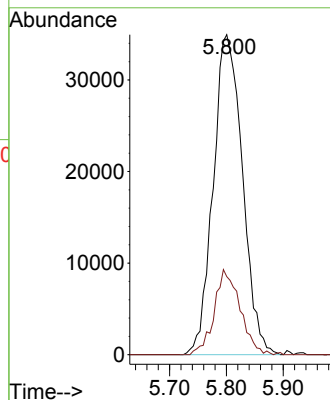
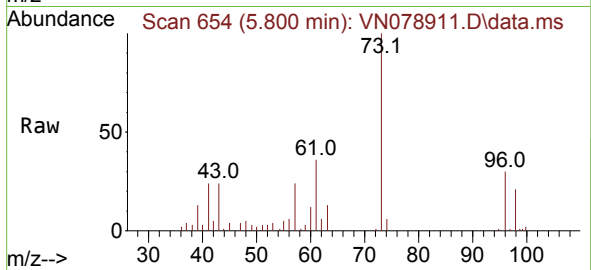




#19
Methyl tert-butyl Ether
Concen: 21.997 ug/l
RT: 5.800 min Scan# 611
Delta R.T. -0.018 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

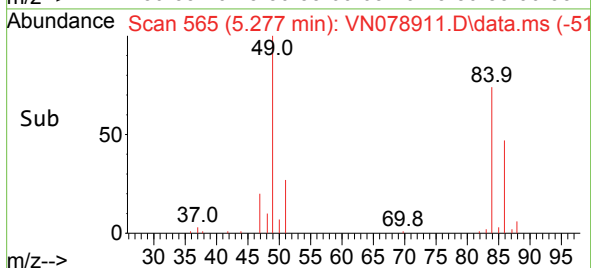
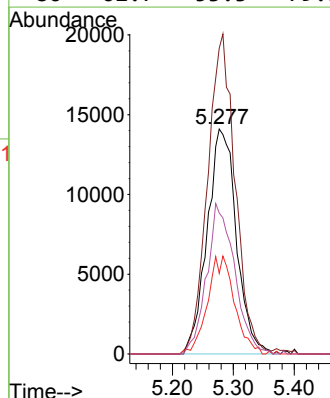
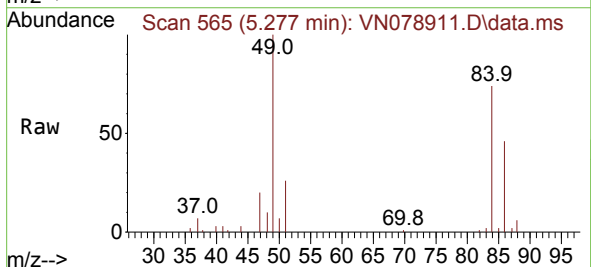
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBS01

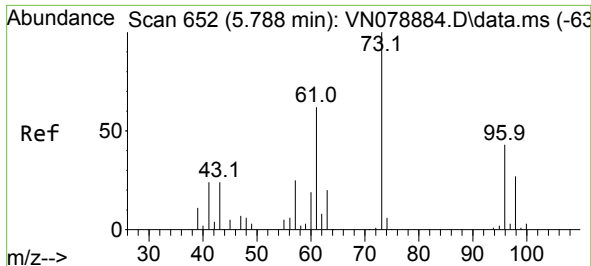
Tgt Ion: 73 Resp: 124839
Ion Ratio Lower Upper
73 100
57 24.4 15.6 23.4#



#20
Methylene Chloride
Concen: 23.422 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 84 Resp: 47031
Ion Ratio Lower Upper
84 100
49 135.9 79.7 119.5#
51 35.9 25.2 37.8
86 62.7 53.3 79.9

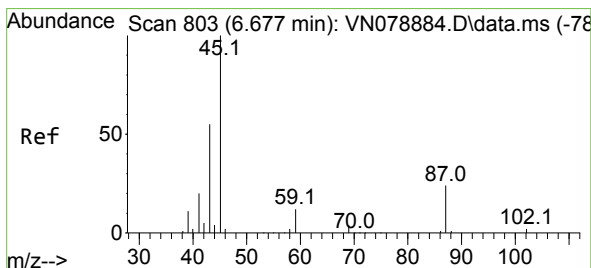
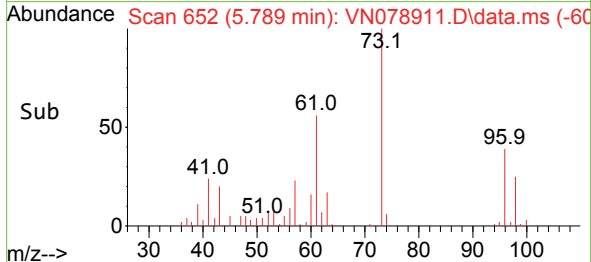
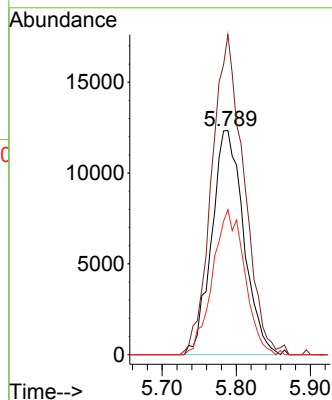
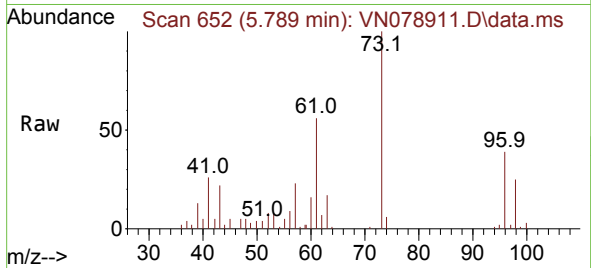




#21
trans-1,2-Dichloroethene
Concen: 20.882 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

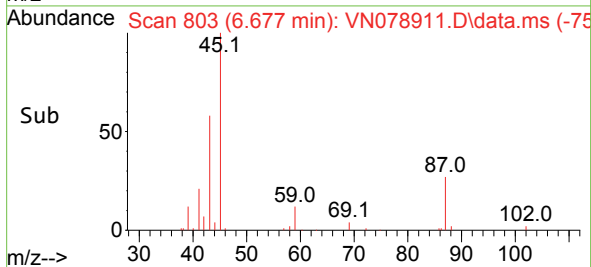
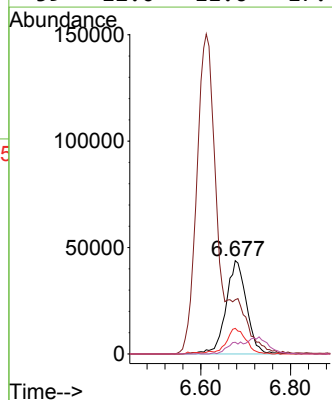
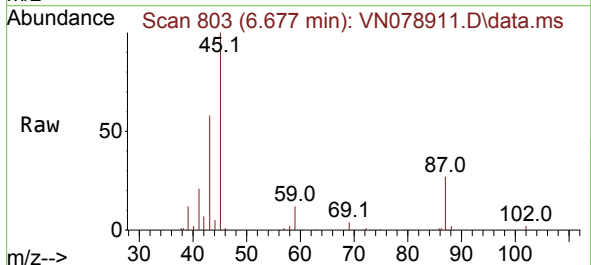
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBS01

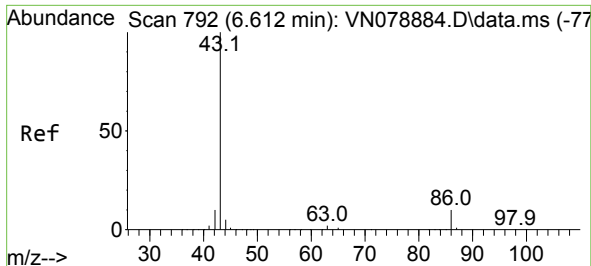
Tgt Ion: 96 Resp: 36892
Ion Ratio Lower Upper
96 100
61 142.8 90.1 135.1#
98 64.8 46.4 69.6



#22
Diisopropyl ether
Concen: 20.963 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 45 Resp: 139055
Ion Ratio Lower Upper
45 100
43 56.9 45.5 68.3
87 27.5 31.8 47.8#
59 12.0 11.6 17.4

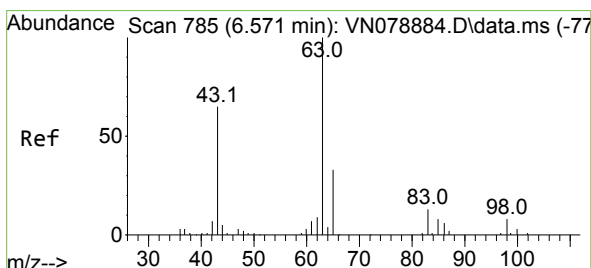
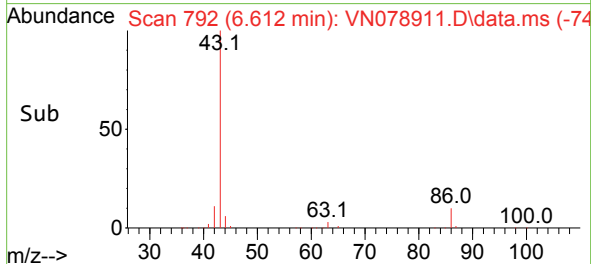
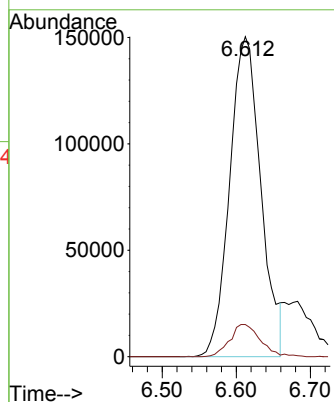
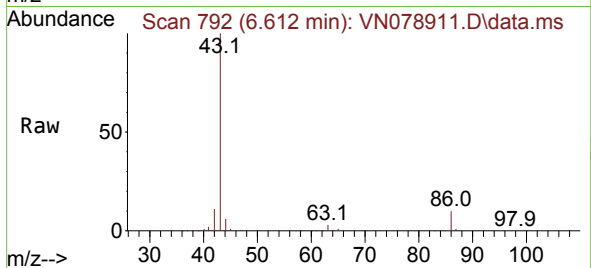




#23
 Vinyl Acetate
 Concen: 100.489 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078911.D
 Acq: 16 Aug 2023 18:31

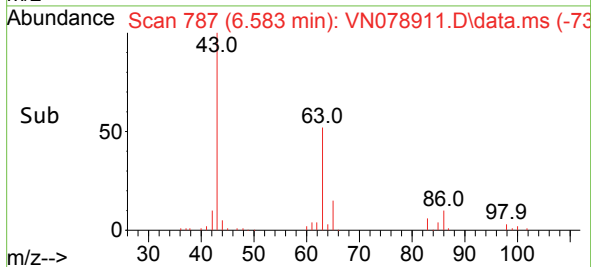
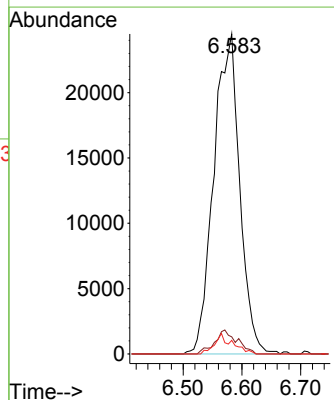
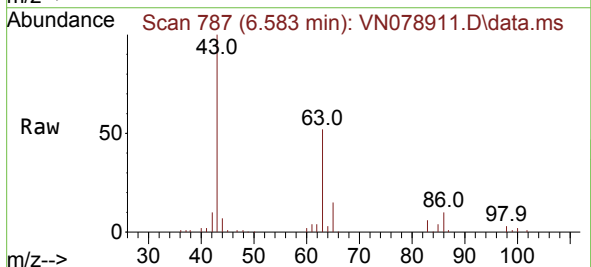
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBS01

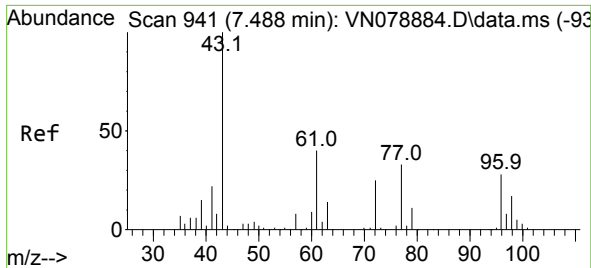
Tgt Ion: 43 Resp: 438911
 Ion Ratio Lower Upper
 43 100
 86 10.1 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.701 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078911.D
 Acq: 16 Aug 2023 18:31

Tgt Ion: 63 Resp: 75016
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.9 11.7
 100 4.2 2.5 7.4

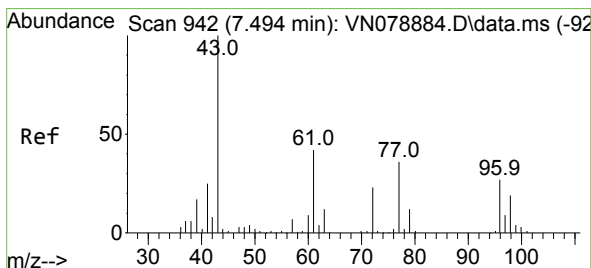
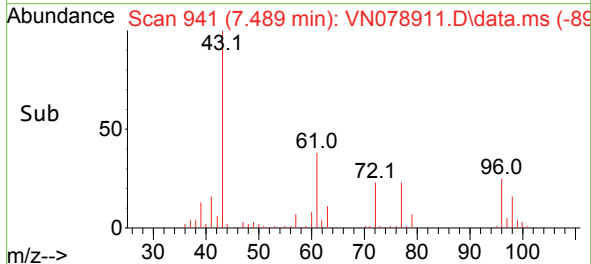
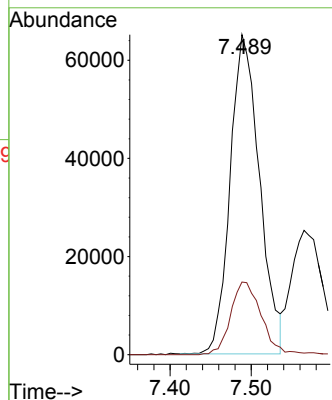
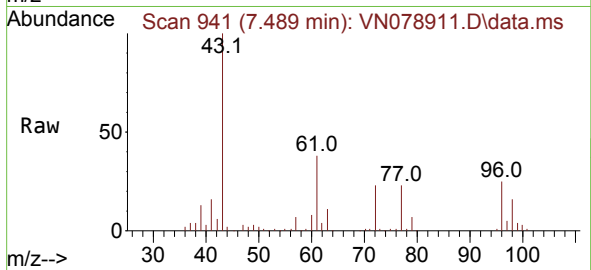




#25
2-Butanone
Concen: 108.395 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

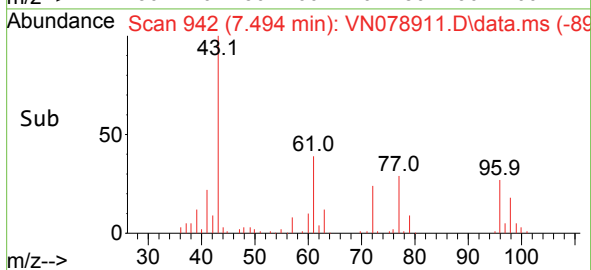
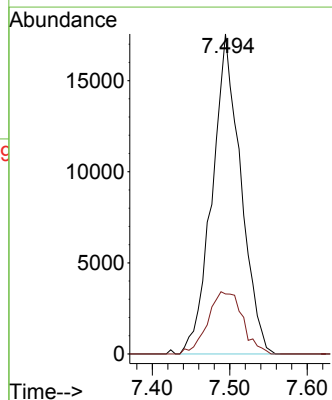
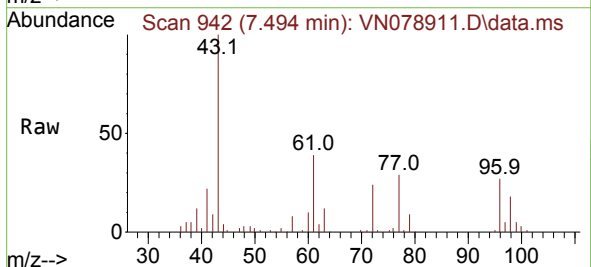
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBS01

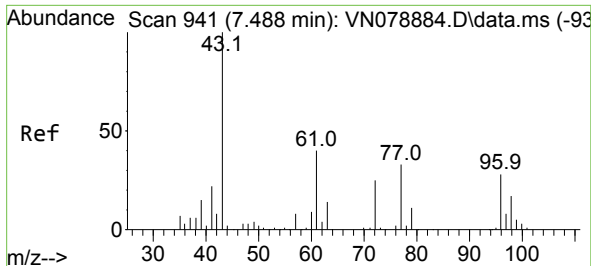
Tgt Ion: 43 Resp: 163745
Ion Ratio Lower Upper
43 100
72 22.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 15.411 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 77 Resp: 45141
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.828 ug/l

RT: 7.494 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBS01

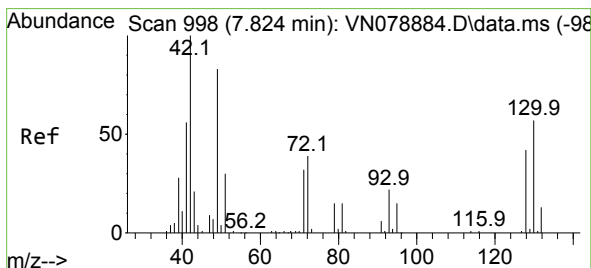
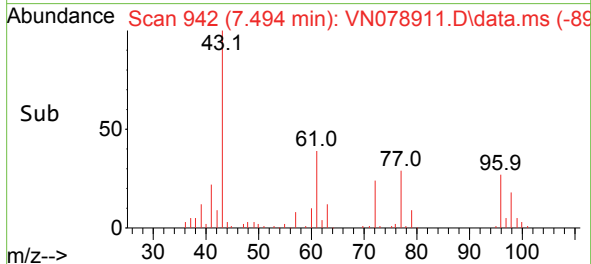
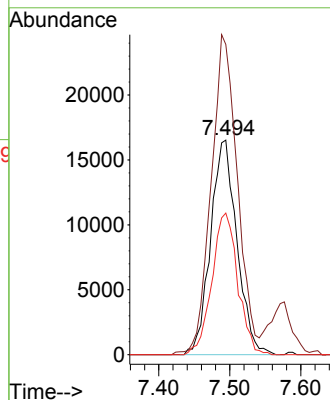
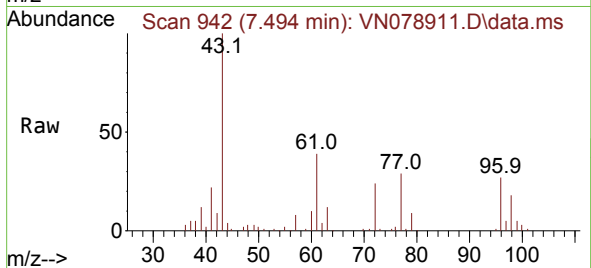
Tgt Ion: 96 Resp: 42577

Ion Ratio Lower Upper

96 100

61 148.8 0.0 255.2

98 64.9 0.0 128.8



#28

Bromochloromethane

Concen: 23.782 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

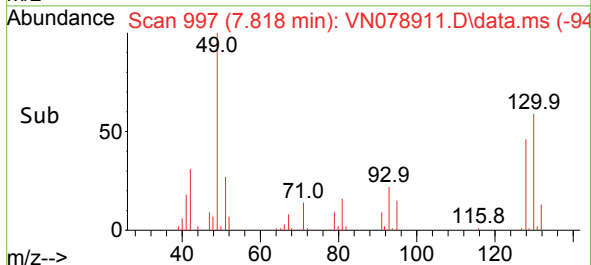
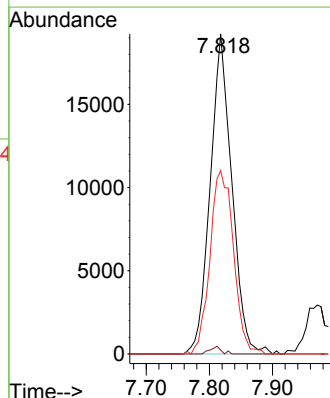
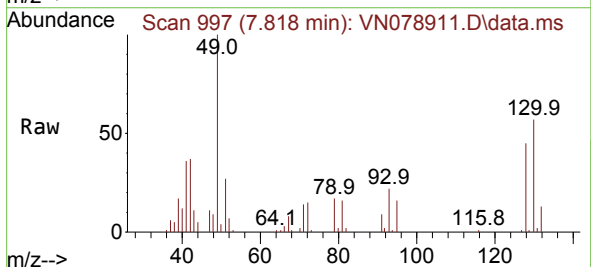
Tgt Ion: 49 Resp: 45718

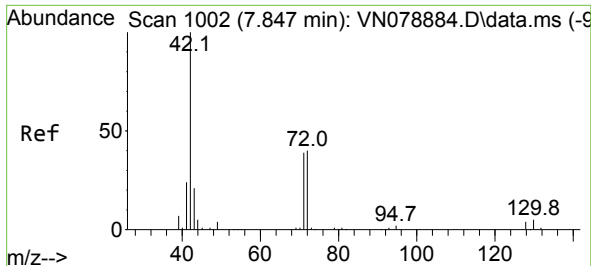
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.8

130 62.3 75.3 112.9#





#29

Tetrahydrofuran

Concen: 107.575 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBS01

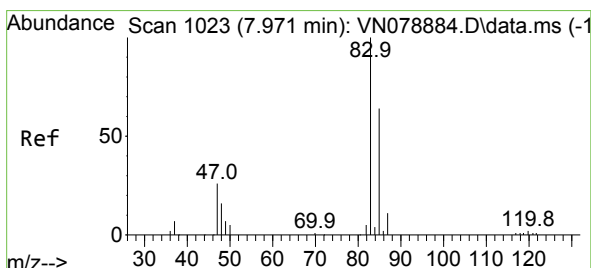
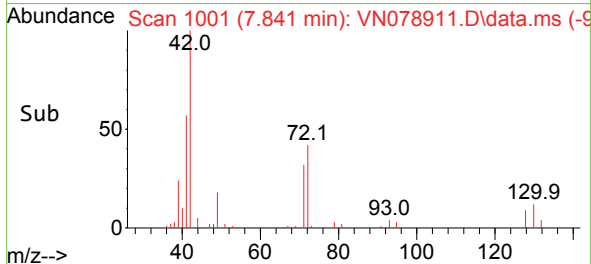
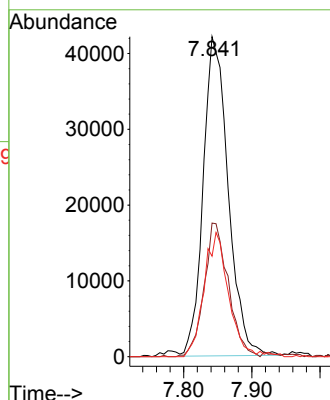
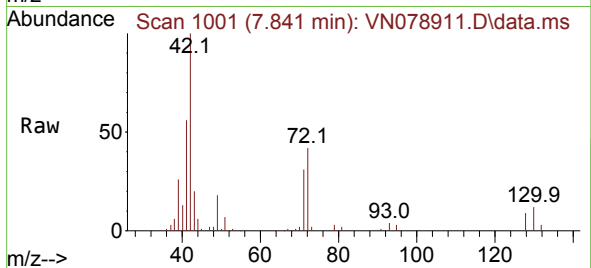
Tgt Ion: 42 Resp: 107563

Ion Ratio Lower Upper

42 100

72 40.4 49.8 74.6#

71 38.5 47.4 71.2#



#30

Chloroform

Concen: 20.640 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078911.D

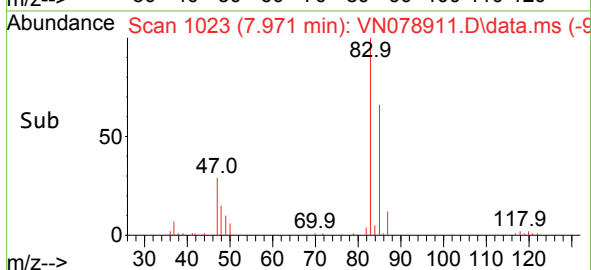
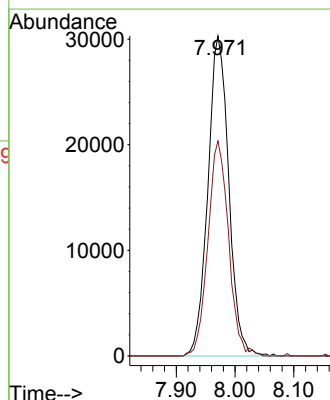
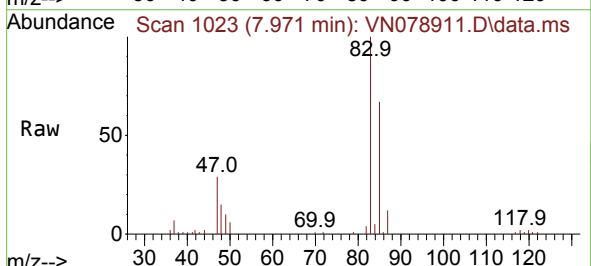
Acq: 16 Aug 2023 18:31

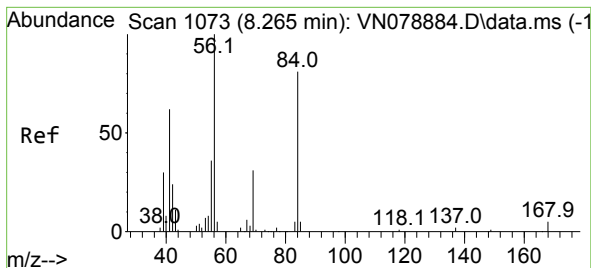
Tgt Ion: 83 Resp: 74727

Ion Ratio Lower Upper

83 100

85 67.1 55.4 83.0





#31

Cyclohexane

Concen: 18.551 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBSD01

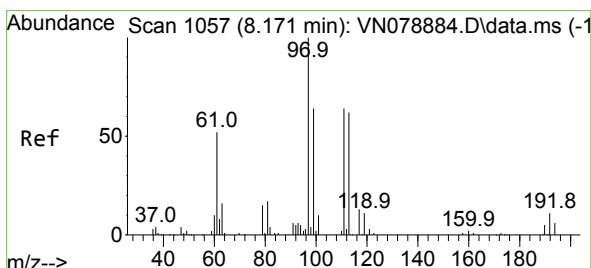
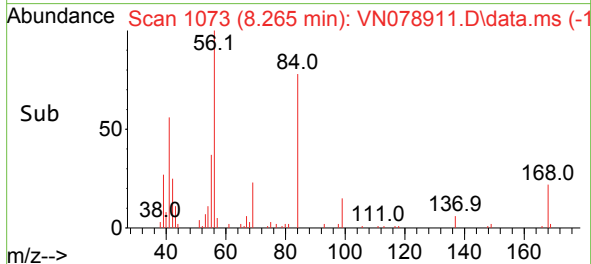
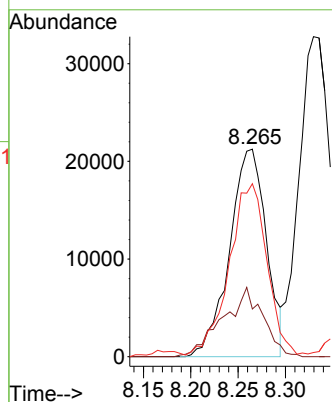
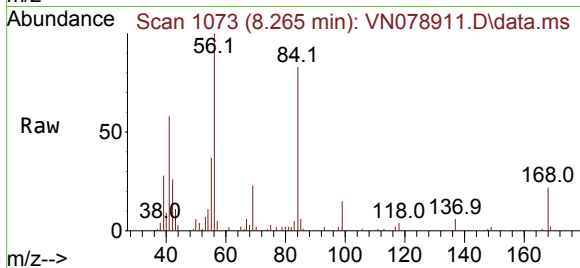
Tgt Ion: 56 Resp: 57563

Ion Ratio Lower Upper

56 100

69 22.2 26.8 40.2#

84 81.7 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 20.191 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

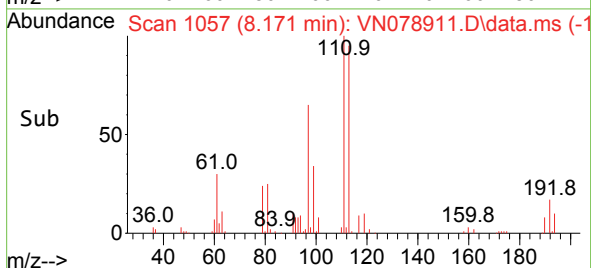
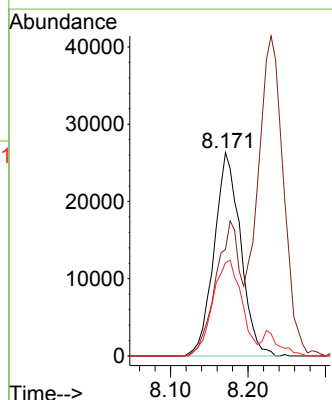
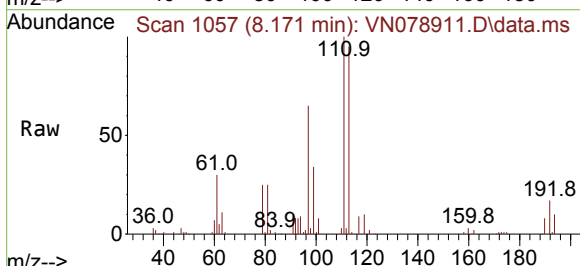
Tgt Ion: 97 Resp: 62329

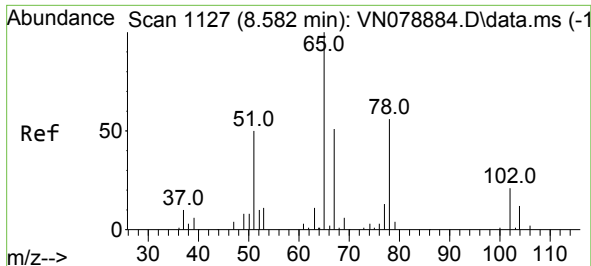
Ion Ratio Lower Upper

97 100

99 60.9 50.3 75.5

61 51.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.853 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

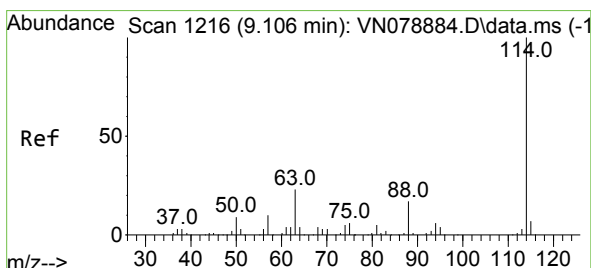
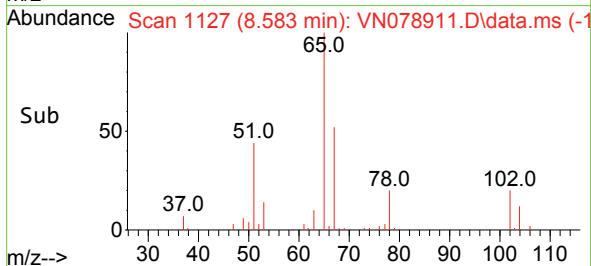
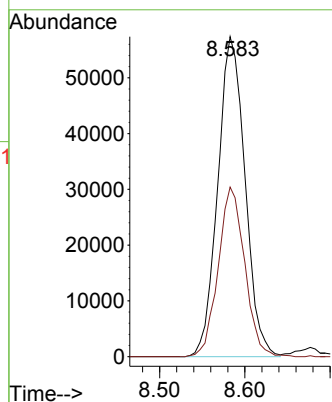
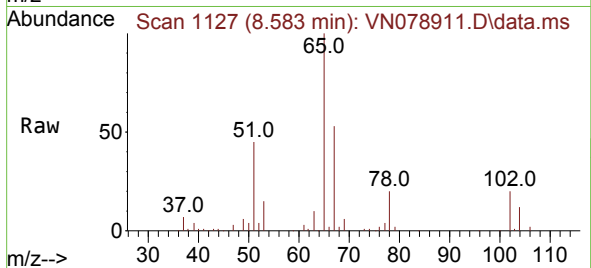
VN0816MBS01

Tgt Ion: 65 Resp: 127543

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

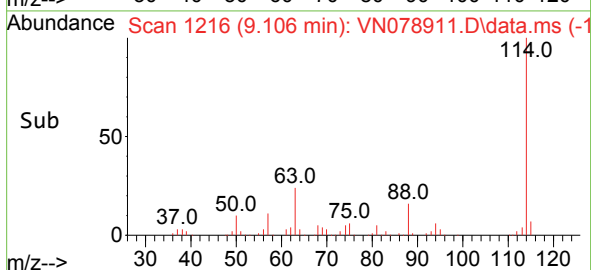
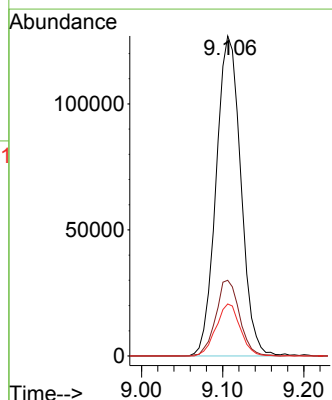
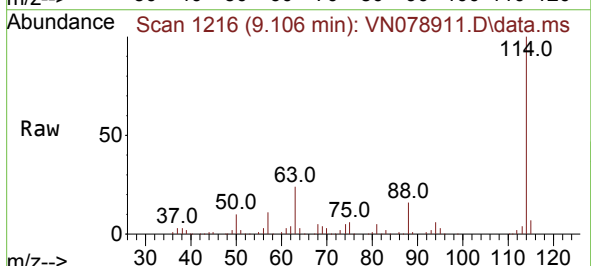
Tgt Ion: 114 Resp: 268601

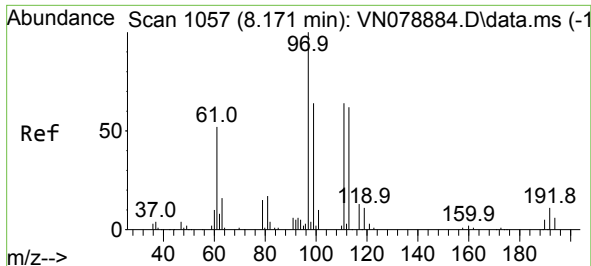
Ion Ratio Lower Upper

114 100

63 23.7 0.0 36.4

88 16.3 0.0 30.6

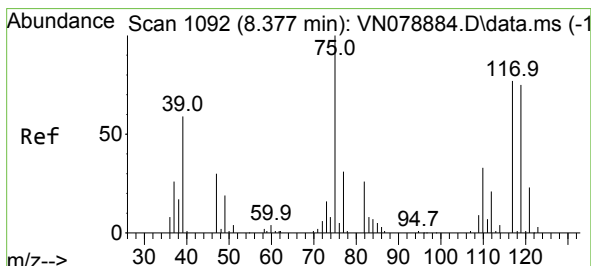
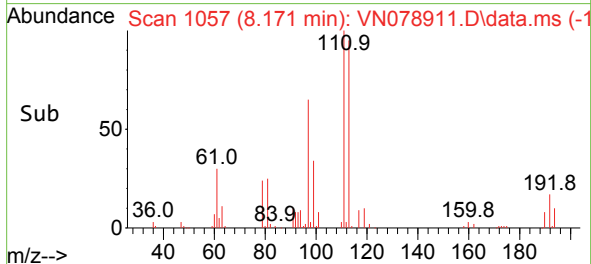
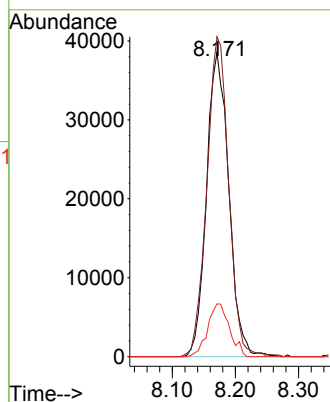
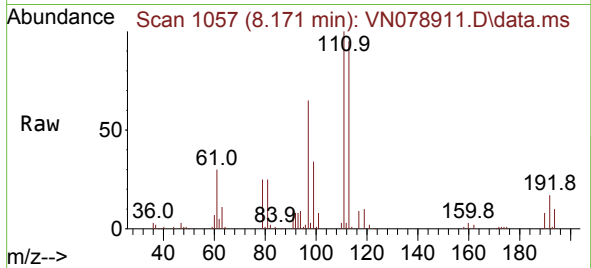




#35
Dibromofluoromethane
Concen: 52.193 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

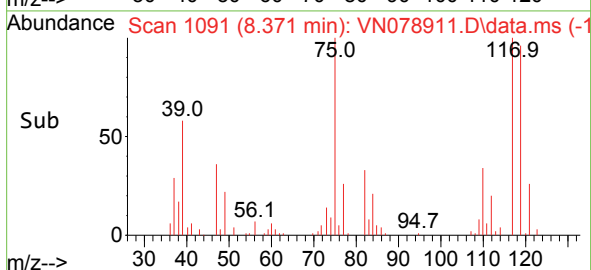
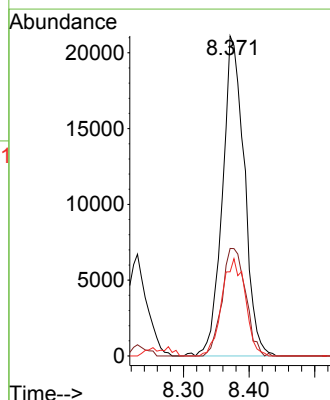
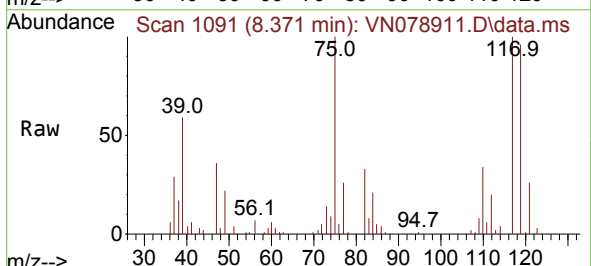
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBSD01

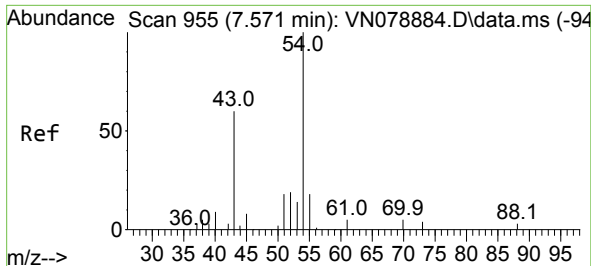
Tgt Ion:113 Resp: 94370
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 17.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 17.945 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 75 Resp: 48807
Ion Ratio Lower Upper
75 100
110 36.3 19.1 57.3
77 32.6 25.0 37.4





#37

Ethyl Acetate

Concen: 22.768 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBS01

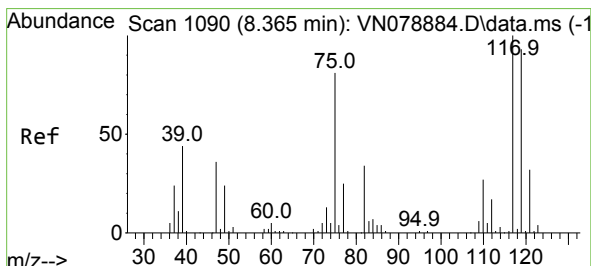
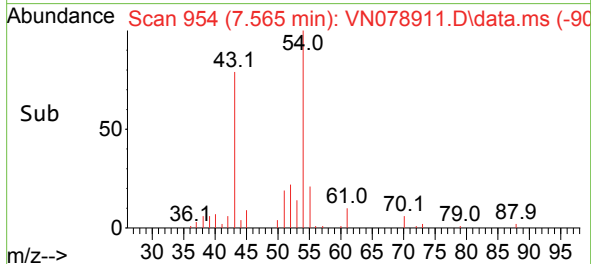
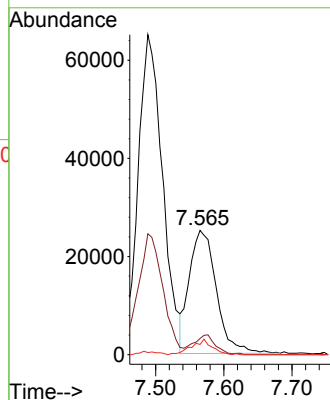
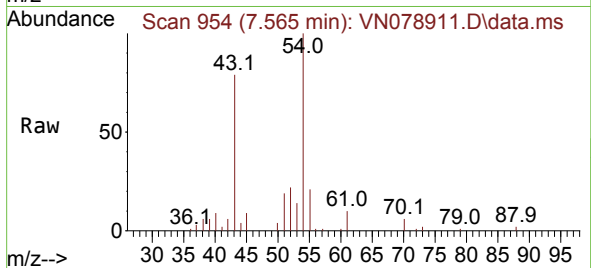
Tgt Ion: 43 Resp: 69284

Ion Ratio Lower Upper

43 100

61 13.0 13.2 19.8#

70 9.3 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 19.296 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

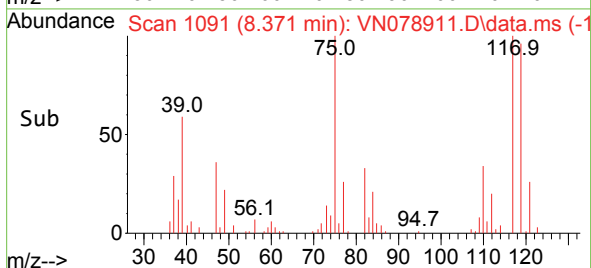
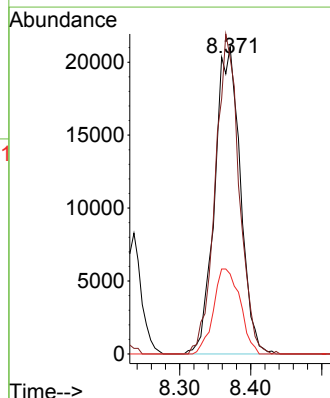
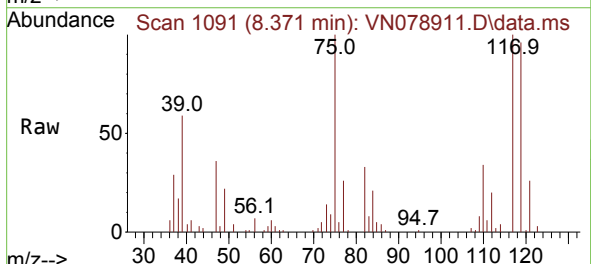
Tgt Ion: 117 Resp: 52585

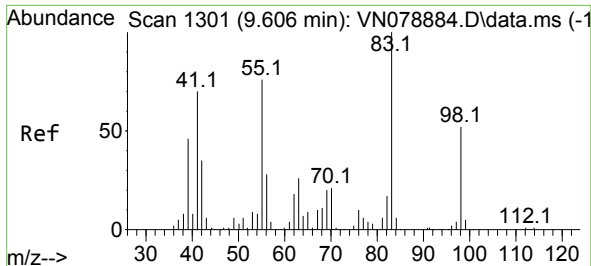
Ion Ratio Lower Upper

117 100

119 96.4 77.3 115.9

121 26.0 23.3 34.9





#39

Methylcyclohexane

Concen: 17.071 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBS01

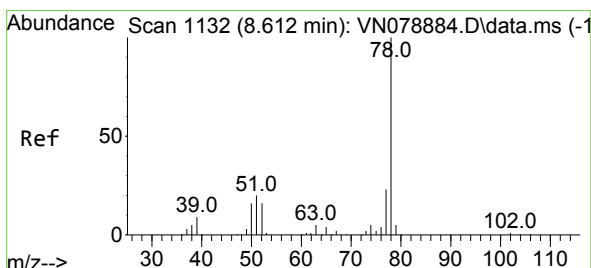
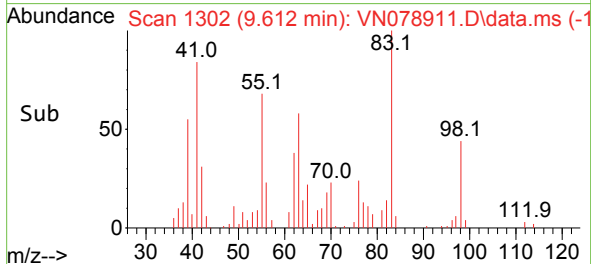
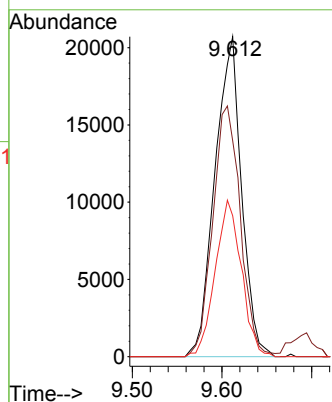
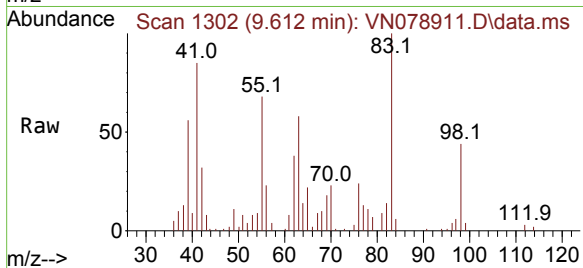
Tgt Ion: 83 Resp: 42702

Ion Ratio Lower Upper

83 100

55 67.5 49.1 73.7

98 44.1 40.6 61.0



#40

Benzene

Concen: 20.335 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078911.D

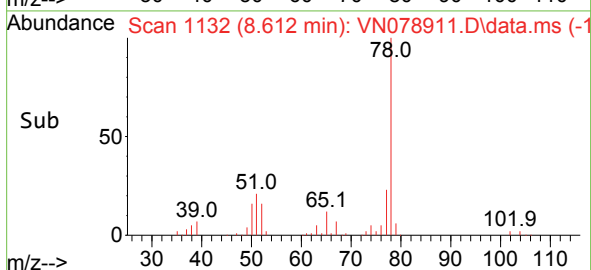
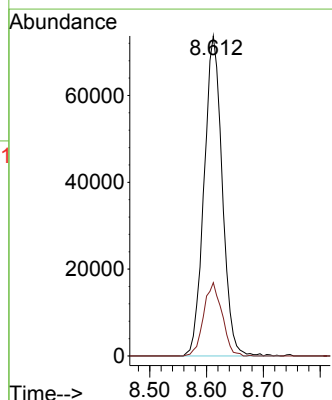
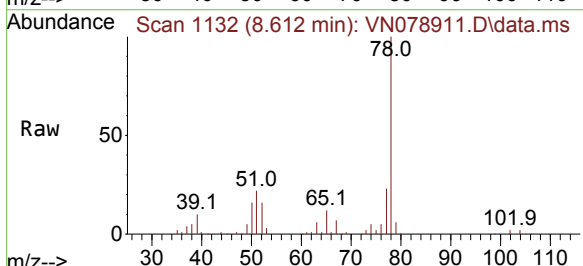
Acq: 16 Aug 2023 18:31

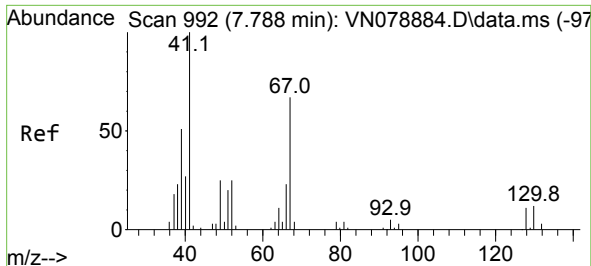
Tgt Ion: 78 Resp: 163474

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

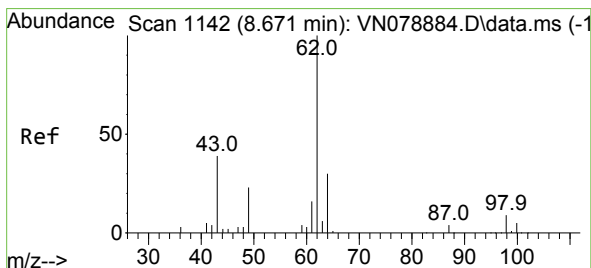
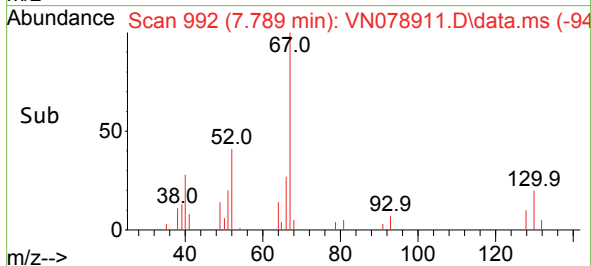
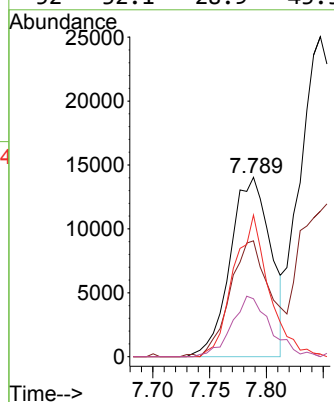
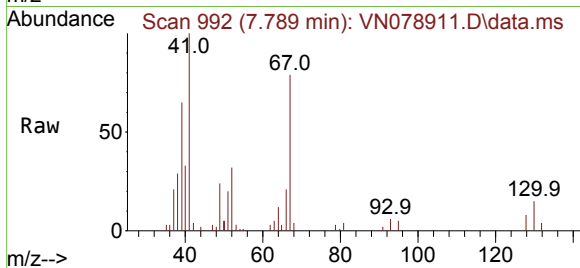




#41
Methacrylonitrile
Concen: 20.998 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.005 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

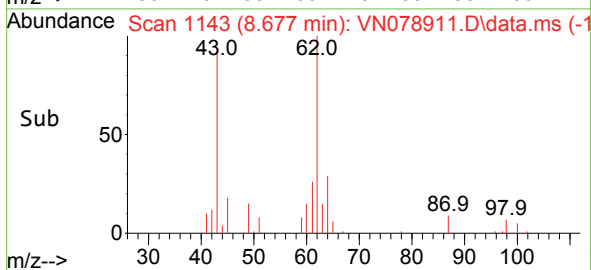
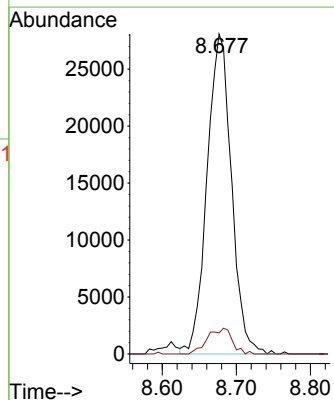
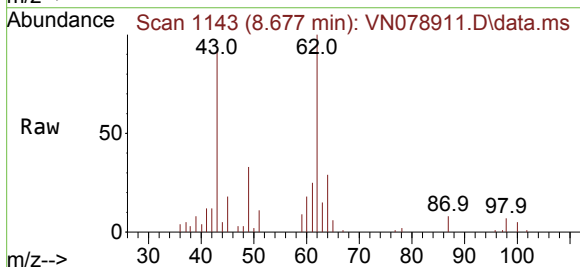
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBSD01

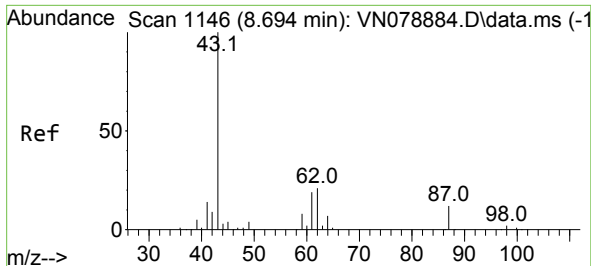
Tgt Ion:	41	Resp:	34801
Ion	Ratio	Lower	Upper
41	100		
39	65.6	42.6	64.0#
67	69.0	77.5	116.3#
52	32.1	28.9	43.3



#42
1,2-Dichloroethane
Concen: 21.412 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion:	62	Resp:	64309
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	19.8

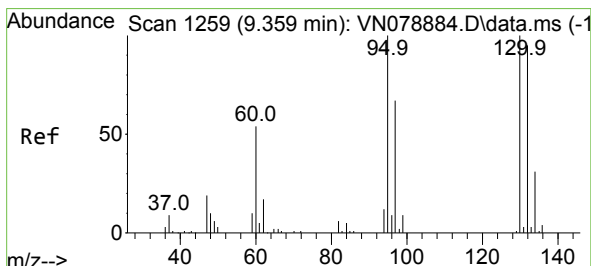
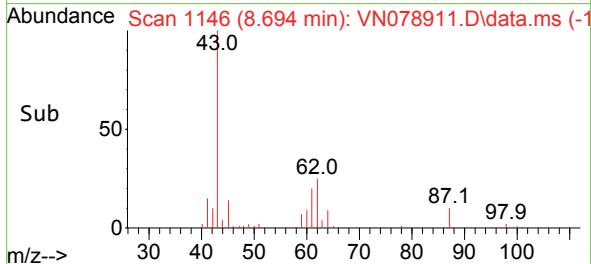
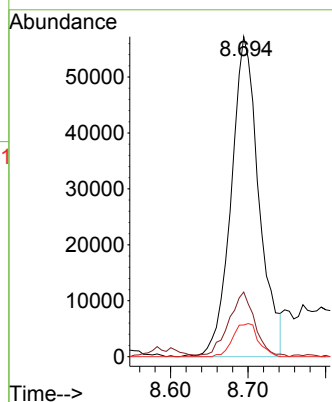
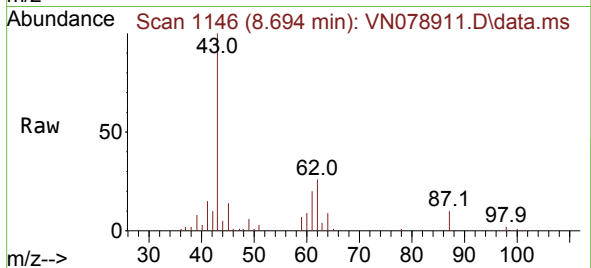




#43
Isopropyl Acetate
Concen: 26.562 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

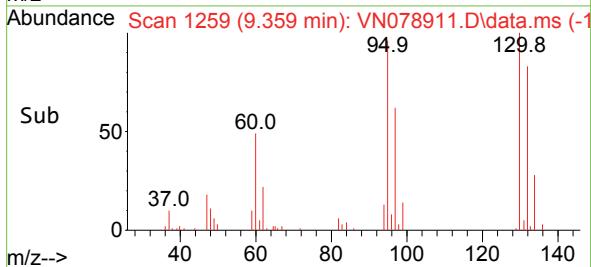
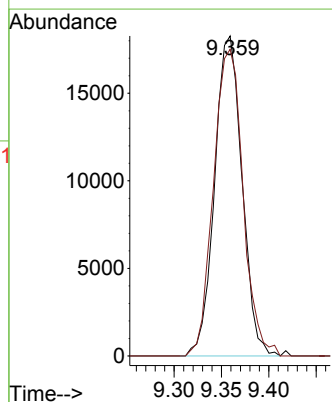
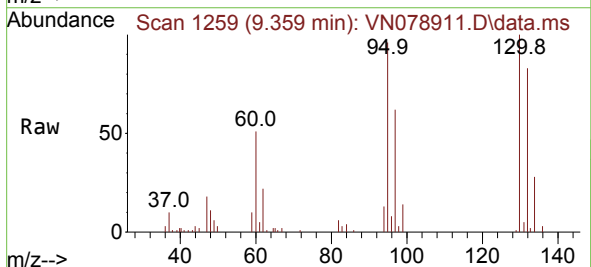
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBSD01

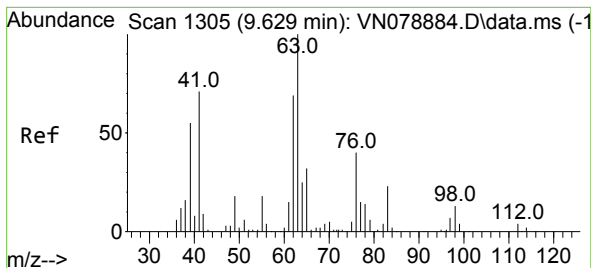
Tgt Ion: 43 Resp: 142866
Ion Ratio Lower Upper
43 100
61 19.1 24.7 37.1#
87 9.5 14.6 21.8#



#44
Trichloroethene
Concen: 19.231 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion:130 Resp: 36734
Ion Ratio Lower Upper
130 100
95 95.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.442 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

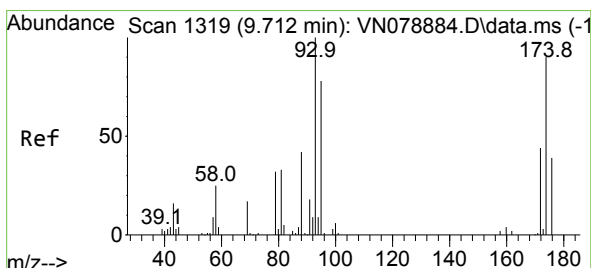
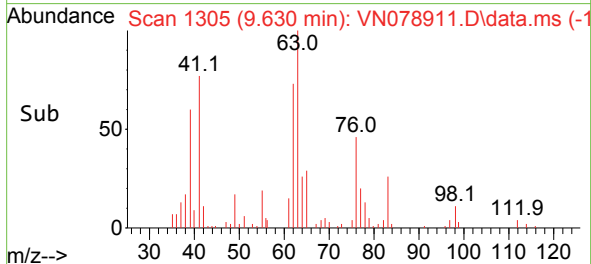
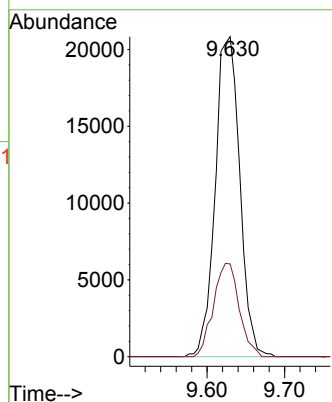
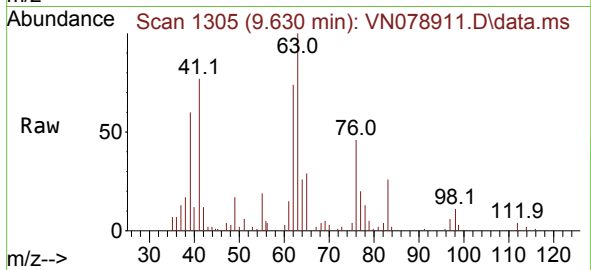
VN0816MBS01

Tgt Ion: 63 Resp: 45894

Ion Ratio Lower Upper

63 100

65 29.0 23.9 35.9



#46

Dibromomethane

Concen: 20.035 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

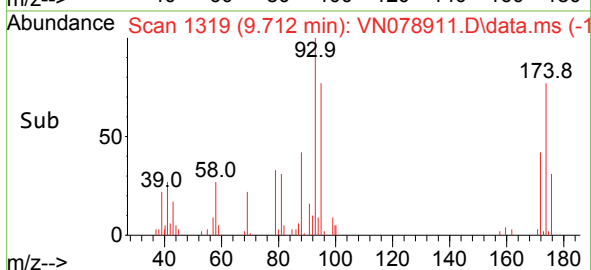
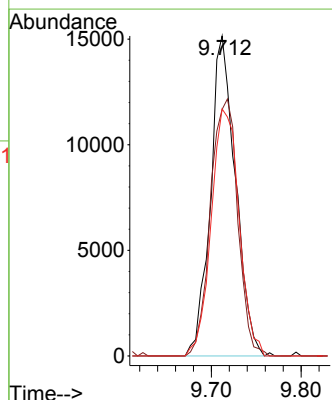
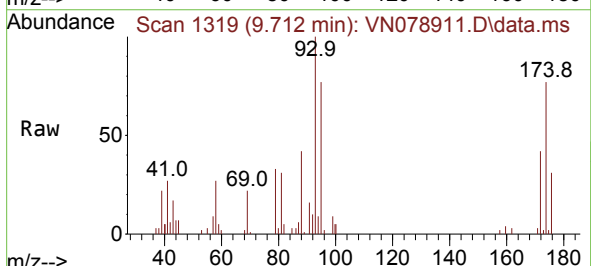
Tgt Ion: 93 Resp: 29413

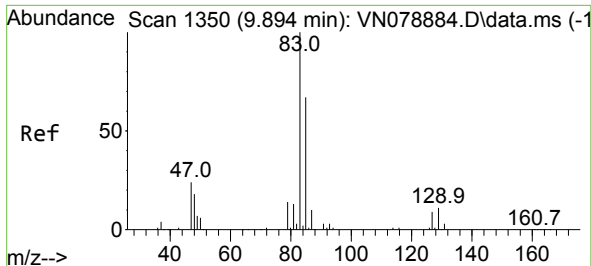
Ion Ratio Lower Upper

93 100

95 87.0 63.8 95.8

174 85.8 65.6 98.4

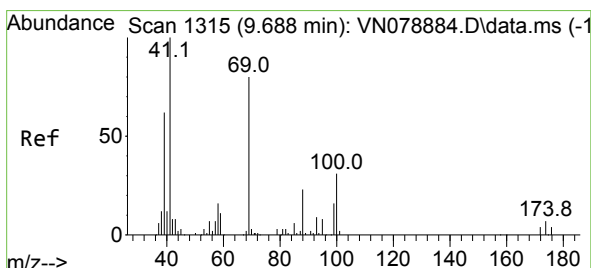
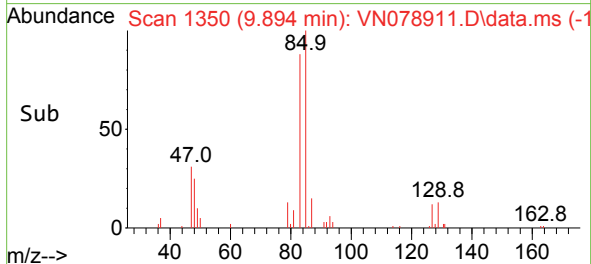
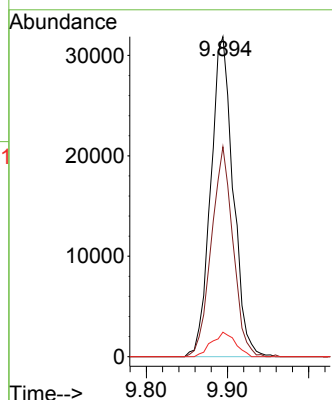
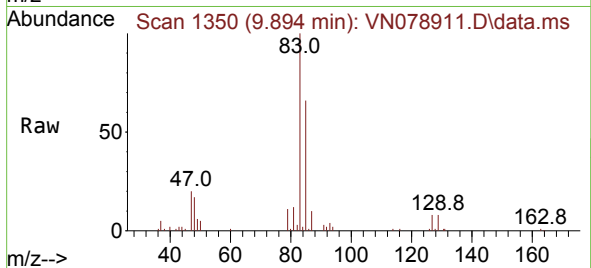




#47
Bromodichloromethane
Concen: 21.051 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

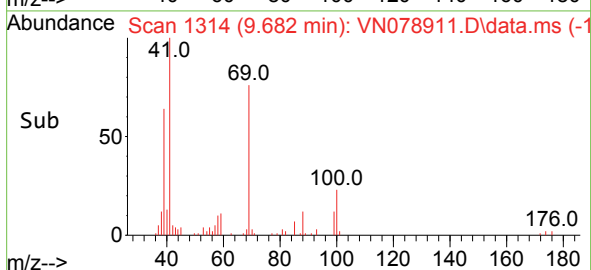
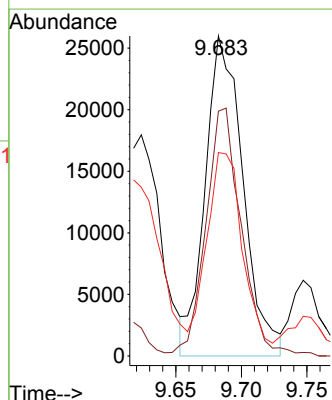
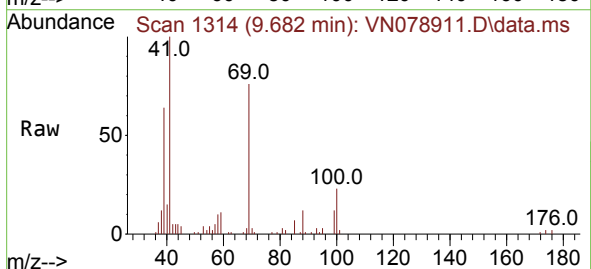
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBS01

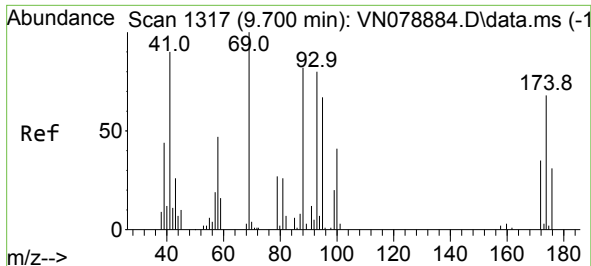
Tgt Ion: 83 Resp: 61026
Ion Ratio Lower Upper
83 100
85 65.6 49.6 74.4
127 7.7 7.0 10.6



#48
Methyl methacrylate
Concen: 21.367 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 41 Resp: 52077
Ion Ratio Lower Upper
41 100
69 72.9 90.4 135.6#
39 60.9 54.6 81.8





#49

1,4-Dioxane

Concen: 412.262 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBSD01

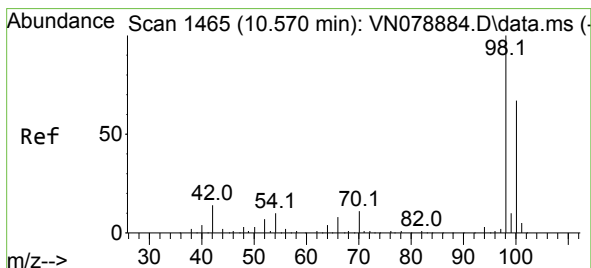
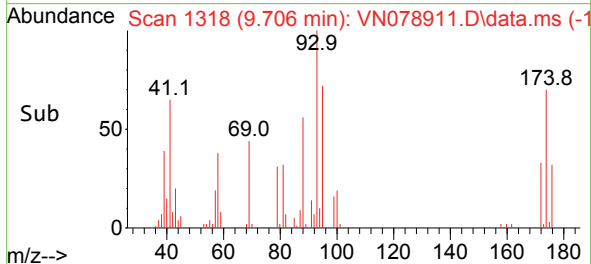
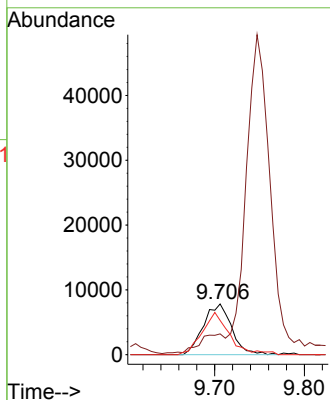
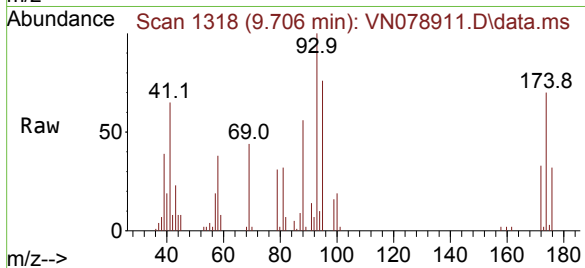
Tgt Ion: 88 Resp: 17115

Ion Ratio Lower Upper

88 100

43 36.0 17.0 25.6#

58 80.5 47.0 70.4#



#50

Toluene-d8

Concen: 53.288 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078911.D

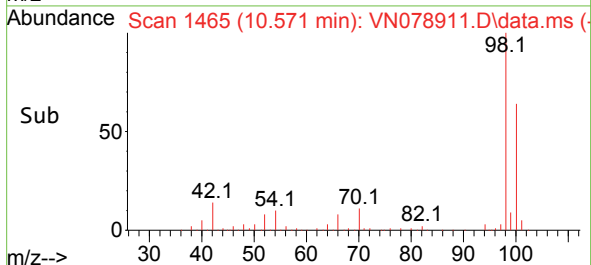
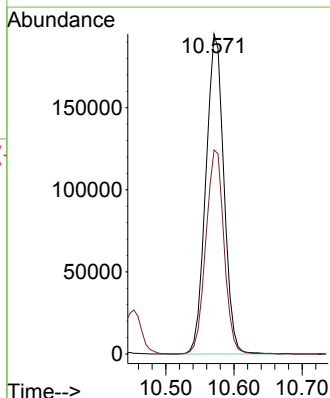
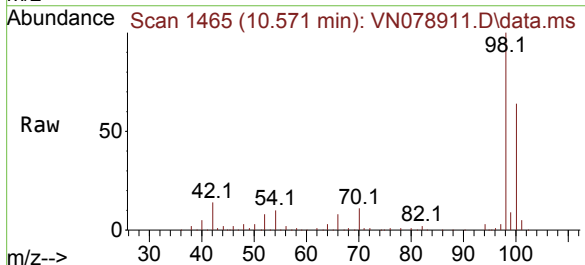
Acq: 16 Aug 2023 18:31

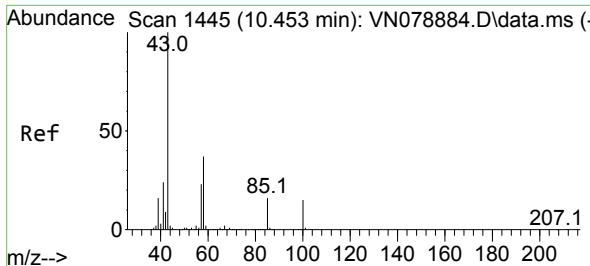
Tgt Ion: 98 Resp: 357755

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

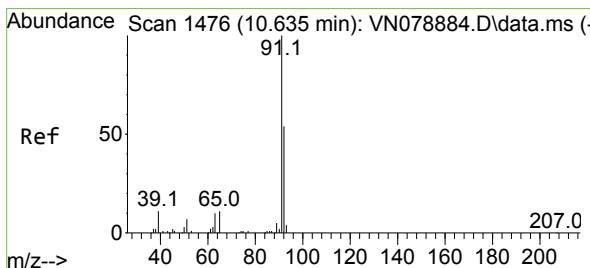
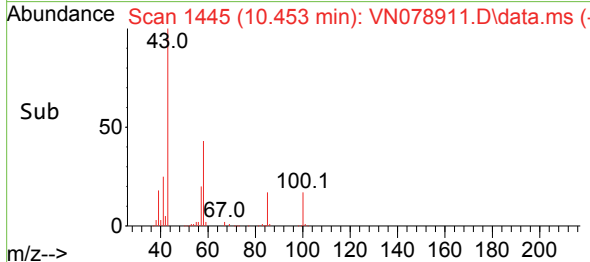
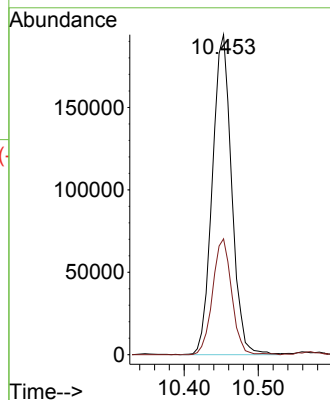
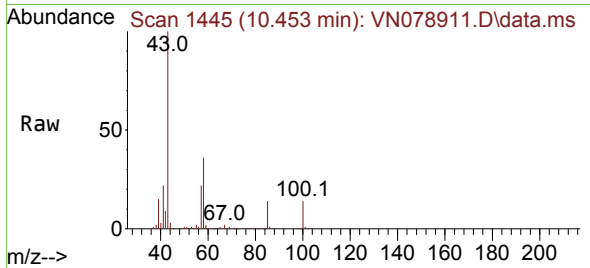




#51
4-Methyl-2-Pentanone
Concen: 110.057 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

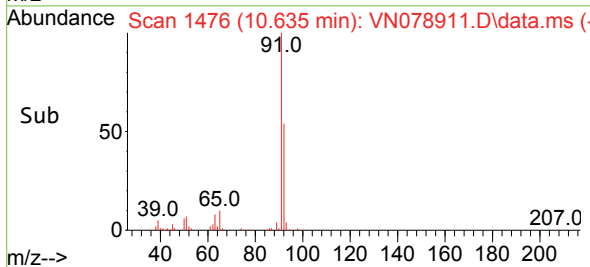
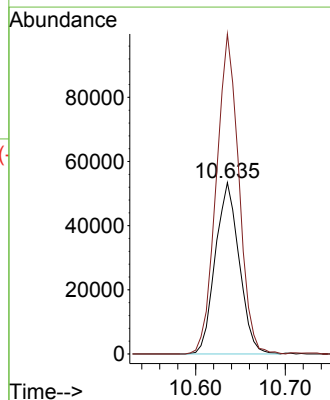
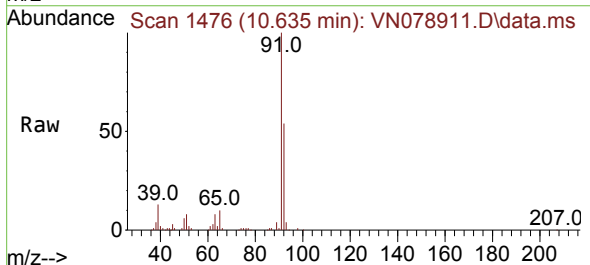
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBSD01

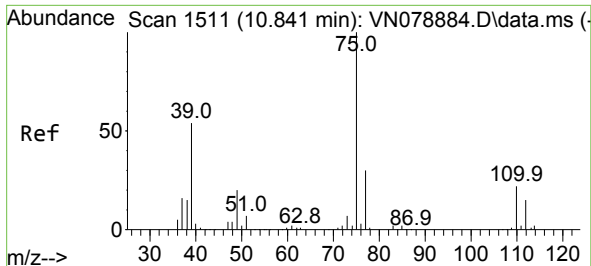
Tgt Ion: 43 Resp: 351090
Ion Ratio Lower Upper
43 100
58 35.8 36.6 54.8#



#52
Toluene
Concen: 20.000 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 92 Resp: 98716
Ion Ratio Lower Upper
92 100
91 176.8 137.4 206.0

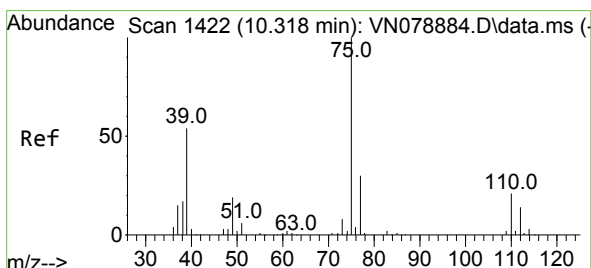
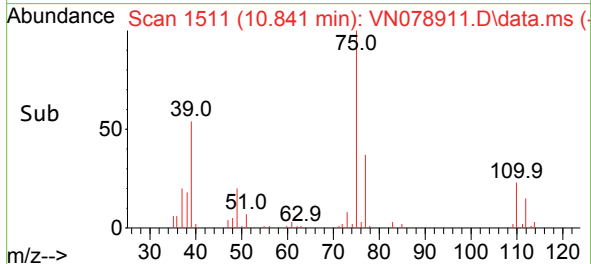
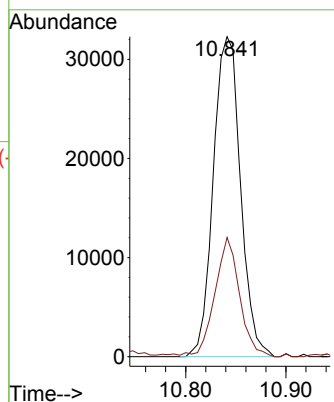
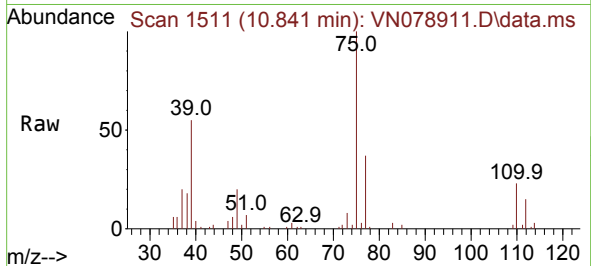




#53
 t-1,3-Dichloropropene
 Concen: 19.505 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078911.D
 Acq: 16 Aug 2023 18:31

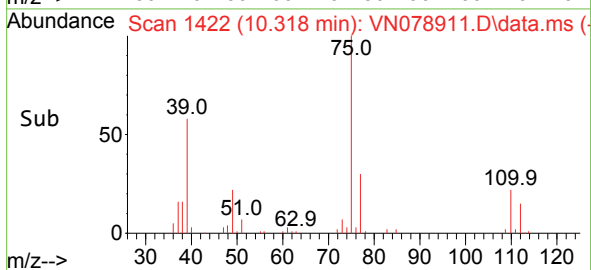
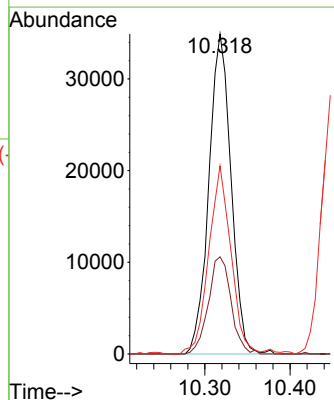
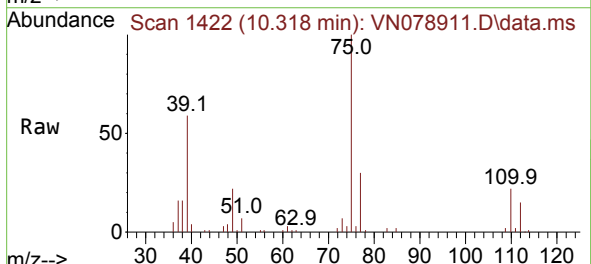
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBS01

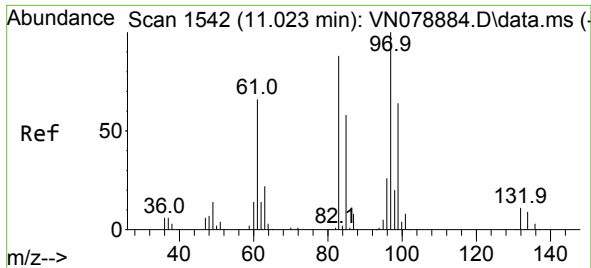
Tgt Ion: 75 Resp: 60638
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.711 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078911.D
 Acq: 16 Aug 2023 18:31

Tgt Ion: 75 Resp: 63353
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.1 39.1
 39 58.7 31.6 47.4#

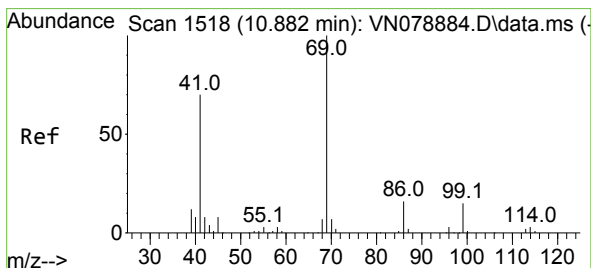
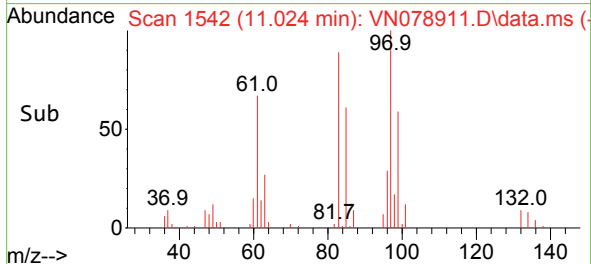
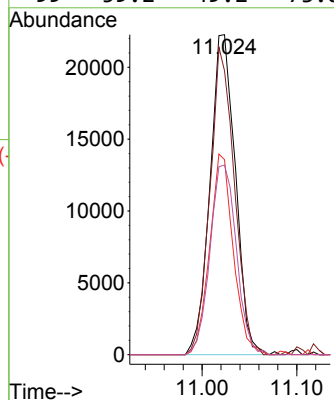
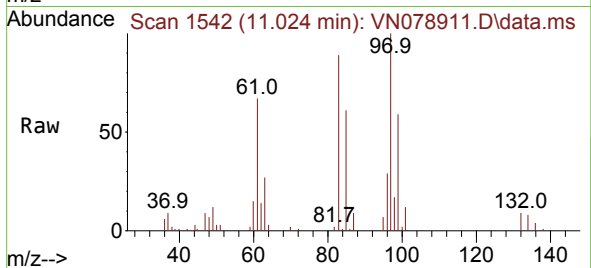




#55
1,1,2-Trichloroethane
Concen: 20.961 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

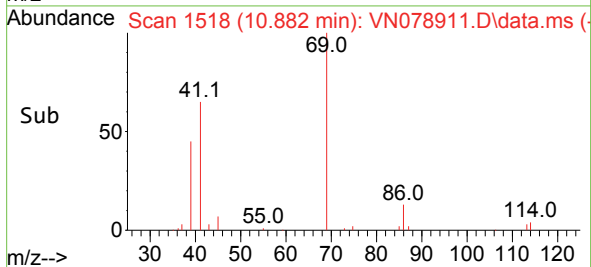
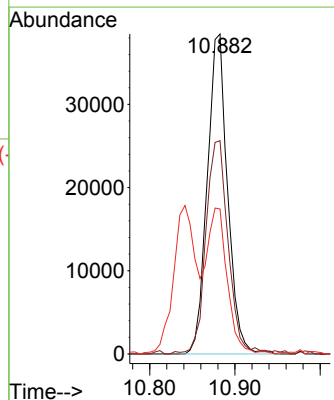
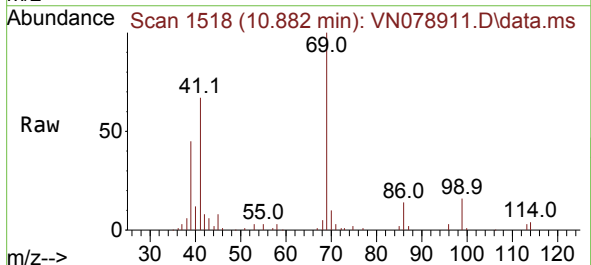
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBSD01

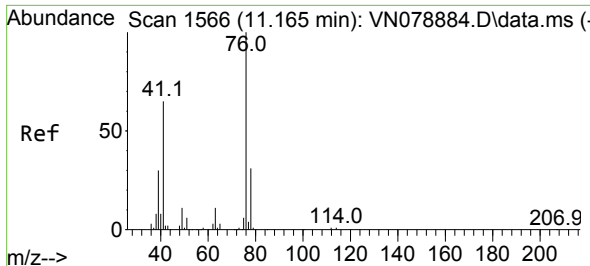
Tgt Ion:	97	Resp:	41482
Ion	Ratio	Lower	Upper
97	100		
83	88.7	65.1	97.7
85	60.9	43.4	65.2
99	59.2	49.2	73.8



#56
Ethyl methacrylate
Concen: 20.816 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion:	69	Resp:	63859
Ion	Ratio	Lower	Upper
69	100		
41	73.3	39.6	59.4#
39	46.4	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 21.315 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

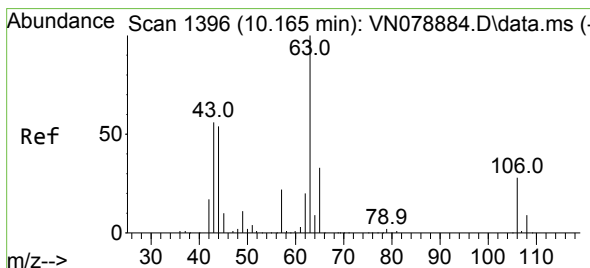
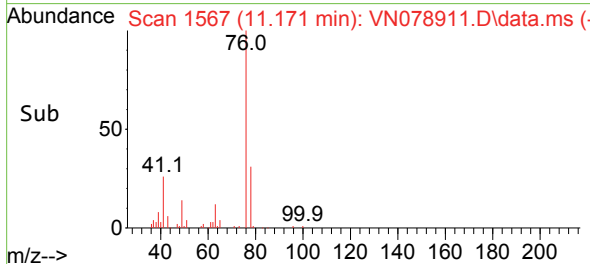
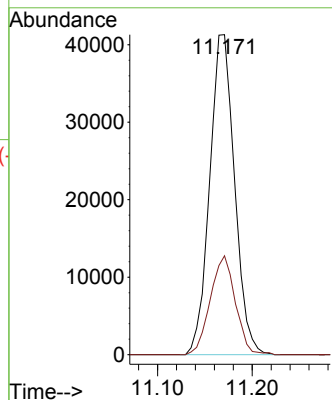
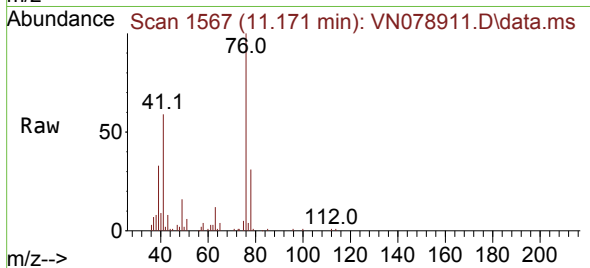
VN0816MBS01

Tgt Ion: 76 Resp: 75452

Ion Ratio Lower Upper

76 100

78 31.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 105.971 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078911.D

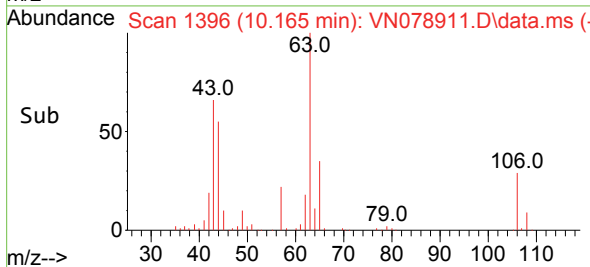
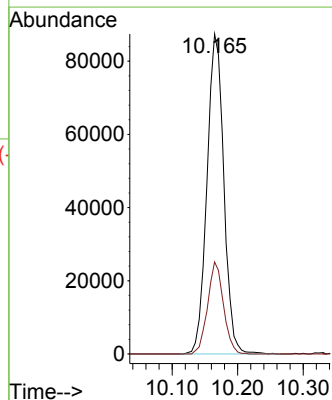
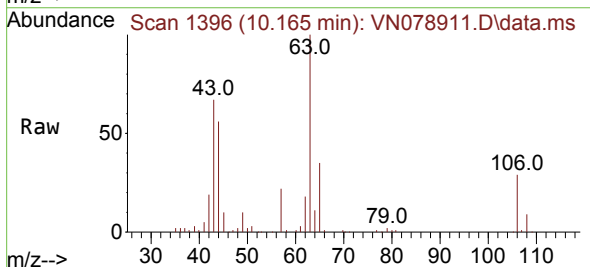
Acq: 16 Aug 2023 18:31

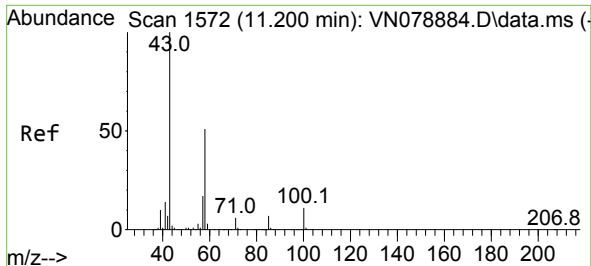
Tgt Ion: 63 Resp: 156055

Ion Ratio Lower Upper

63 100

106 27.0 26.2 39.4

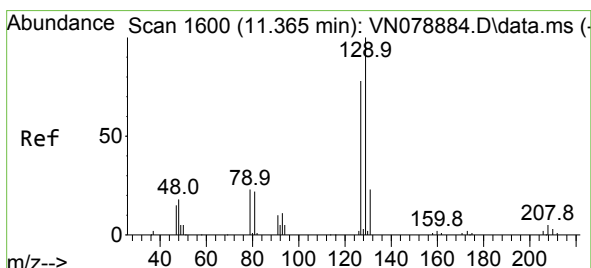
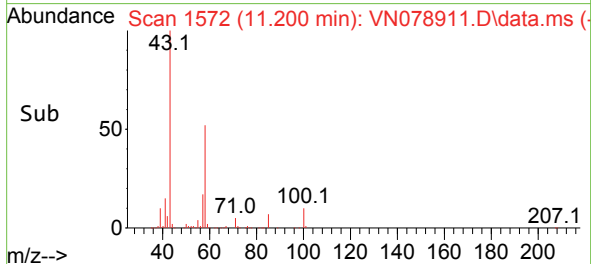
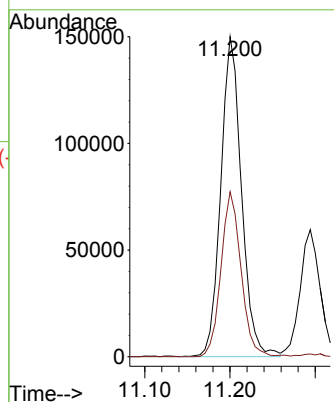
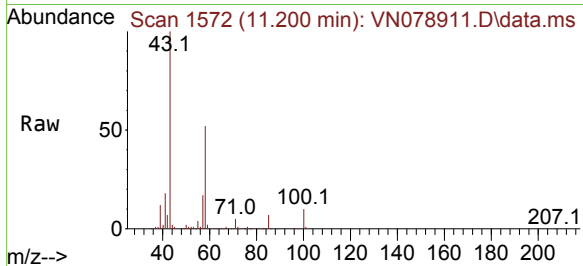




#59
2-Hexanone
Concen: 109.620 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

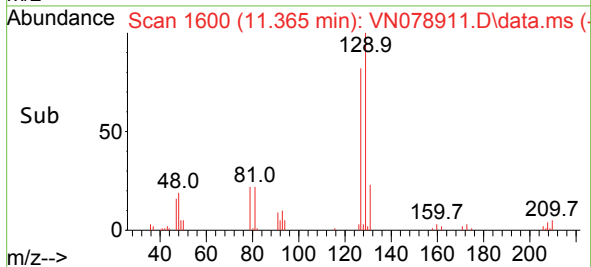
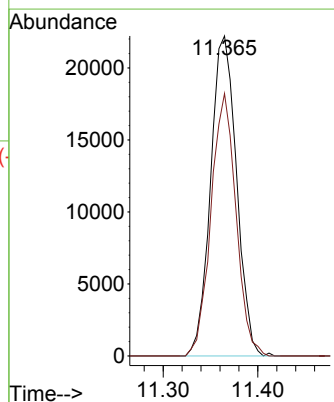
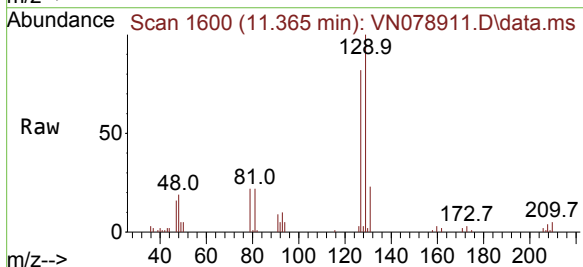
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBS01

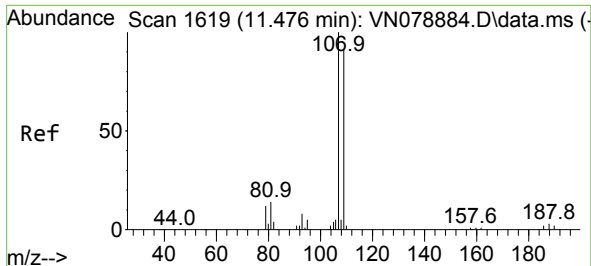
Tgt Ion: 43 Resp: 253286
Ion Ratio Lower Upper
43 100
58 49.9 31.7 95.1



#60
Dibromochloromethane
Concen: 20.261 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 129 Resp: 42195
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0

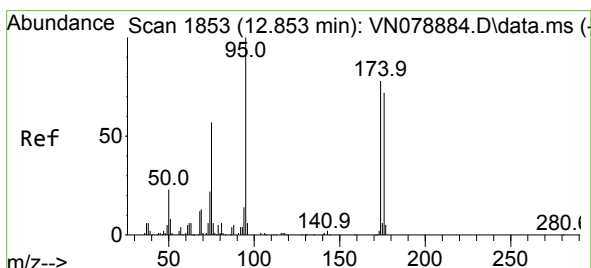
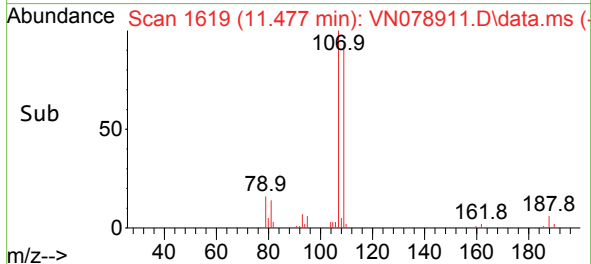
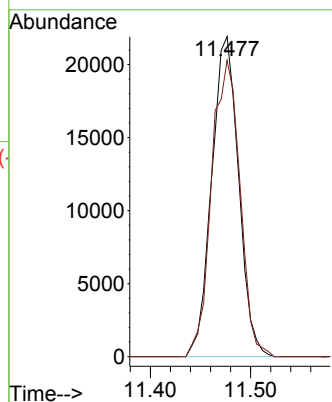
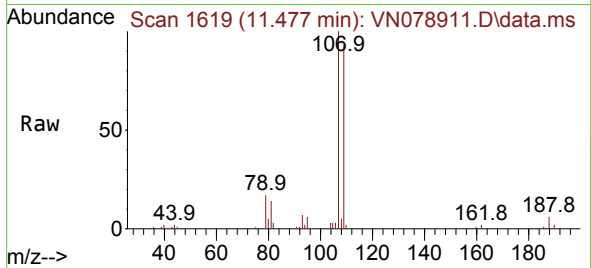




#61
1,2-Dibromoethane
Concen: 20.308 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

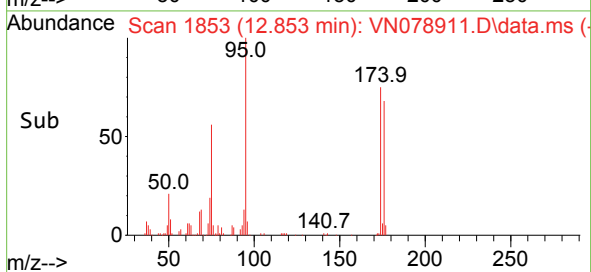
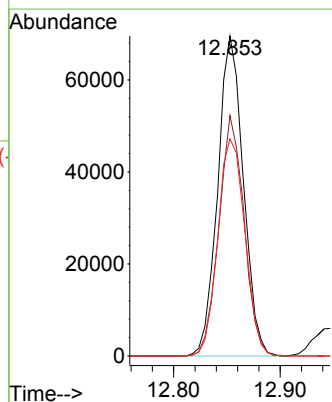
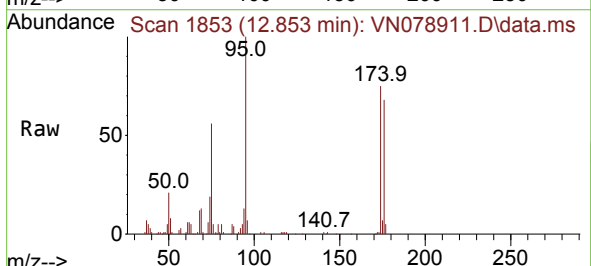
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBSD01

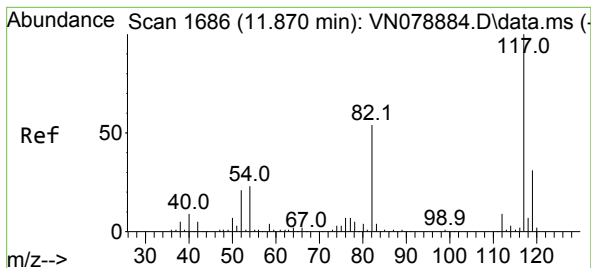
Tgt Ion:107 Resp: 40842
Ion Ratio Lower Upper
107 100
109 97.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.830 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 95 Resp: 115929
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 71.7 0.0 135.8

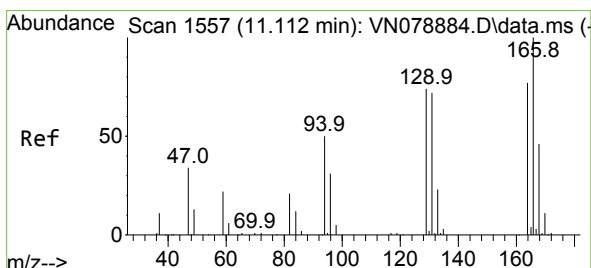
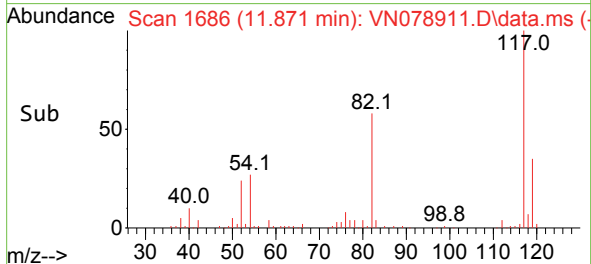
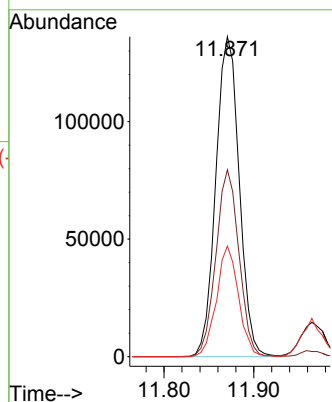
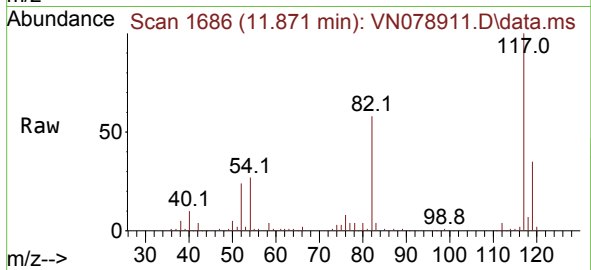




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

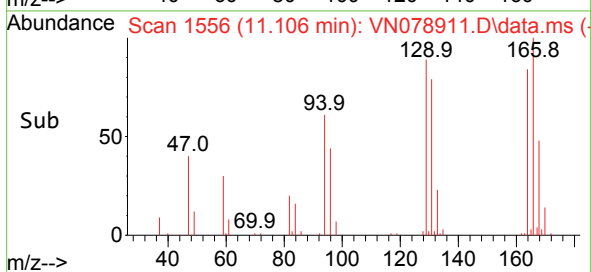
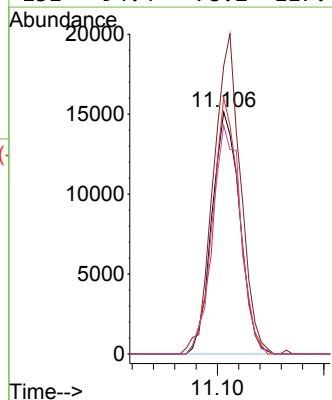
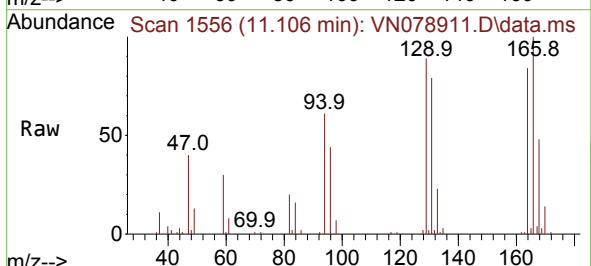
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBS01

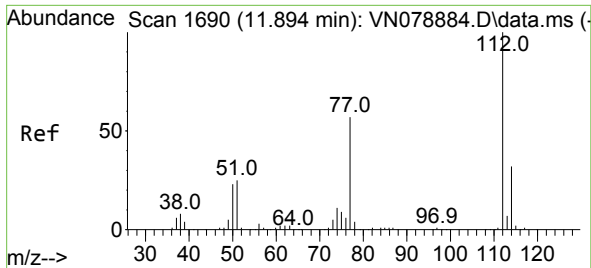
Tgt Ion:117 Resp: 246797
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 34.6 25.6 38.4



#64
Tetrachloroethene
Concen: 17.729 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion:164 Resp: 27439
Ion Ratio Lower Upper
164 100
166 119.1 101.4 152.0
129 105.9 82.4 123.6
131 94.4 78.2 117.4

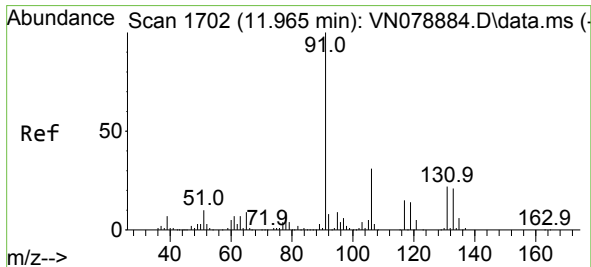
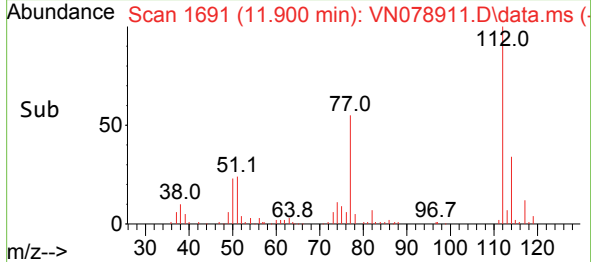
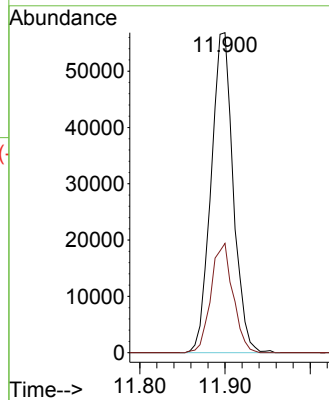
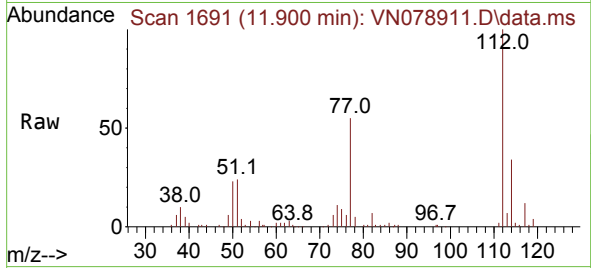




#65
Chlorobenzene
Concen: 19.590 ug/l
RT: 11.900 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

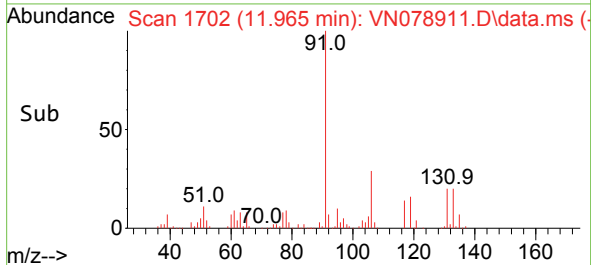
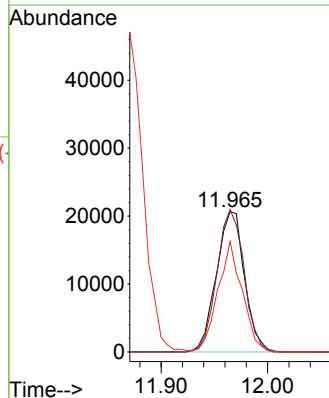
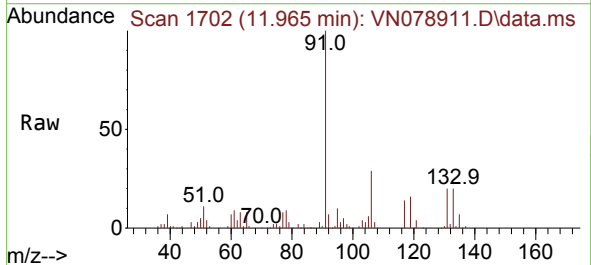
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBS01

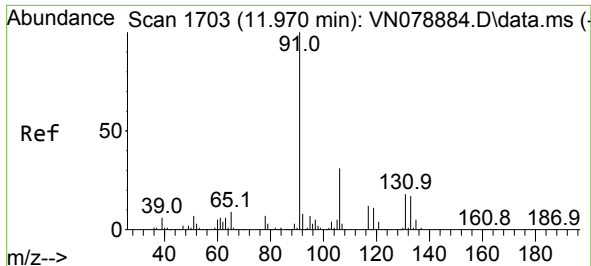
Tgt Ion:112 Resp: 102914
Ion Ratio Lower Upper
112 100
114 34.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.036 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion:131 Resp: 37793
Ion Ratio Lower Upper
131 100
133 98.4 46.4 139.1
119 68.1 34.1 102.2





#67

Ethyl Benzene

Concen: 18.837 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

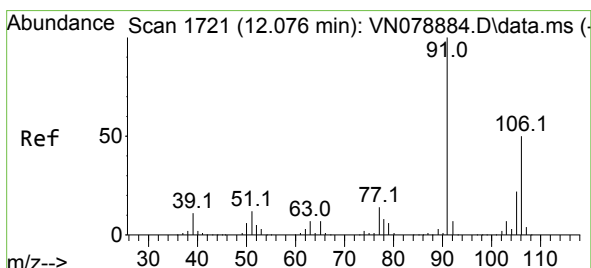
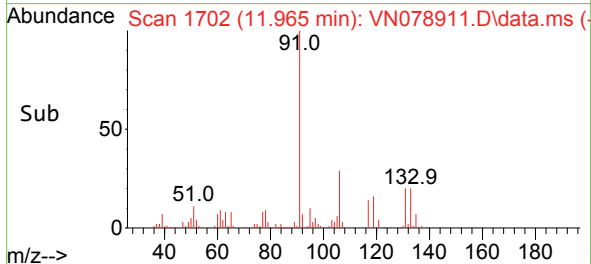
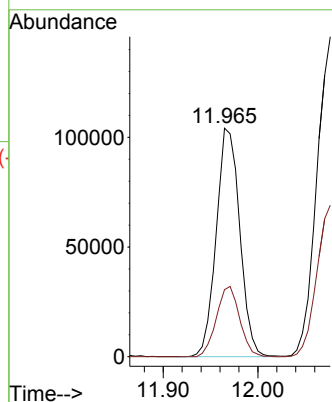
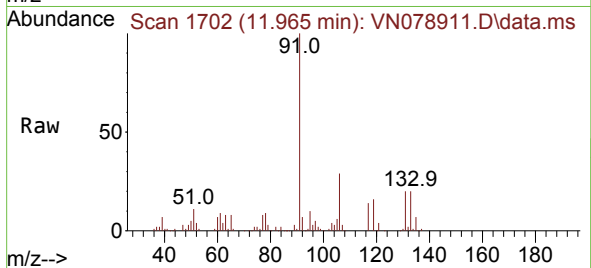
VN0816MBS01

Tgt Ion: 91 Resp: 179955

Ion Ratio Lower Upper

91 100

106 29.3 25.6 38.4



#68

m/p-Xylenes

Concen: 36.955 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078911.D

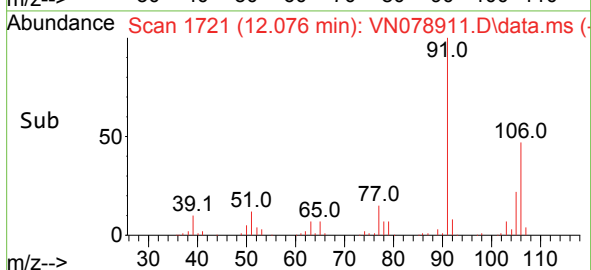
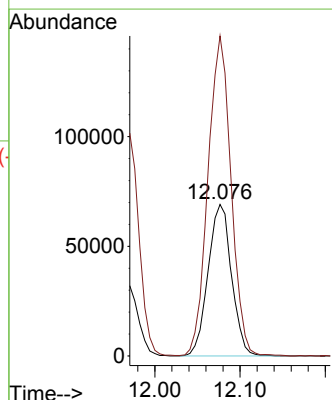
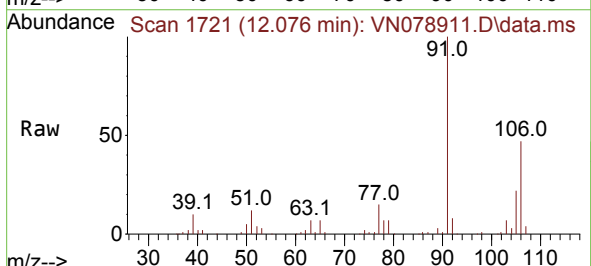
Acq: 16 Aug 2023 18:31

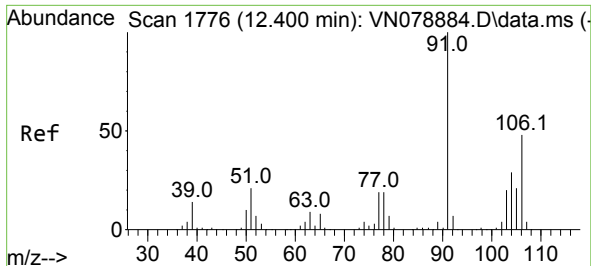
Tgt Ion:106 Resp: 131997

Ion Ratio Lower Upper

106 100

91 208.4 159.6 239.4





#69

o-Xylene

Concen: 19.316 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

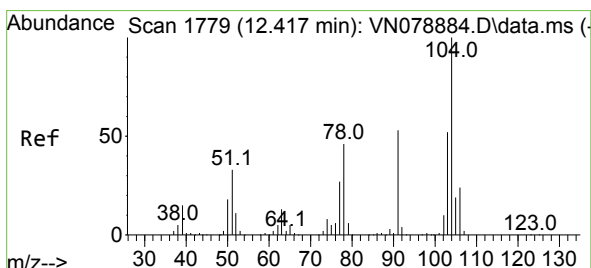
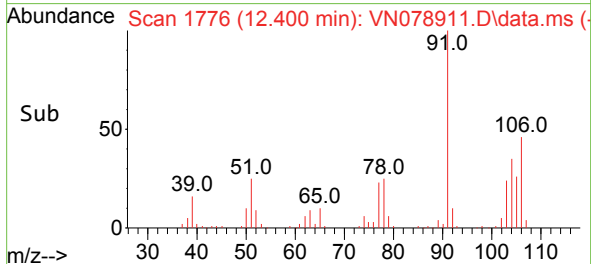
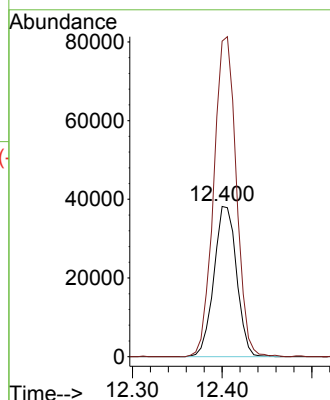
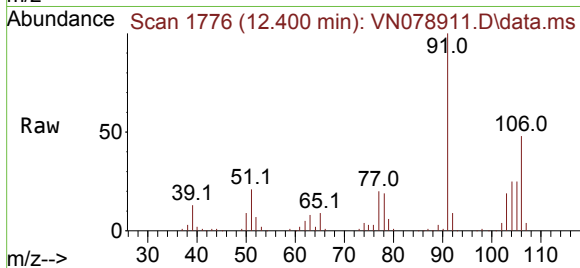
VN0816MBSD01

Tgt Ion:106 Resp: 67116

Ion Ratio Lower Upper

106 100

91 211.5 105.2 315.5



#70

Styrene

Concen: 18.888 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

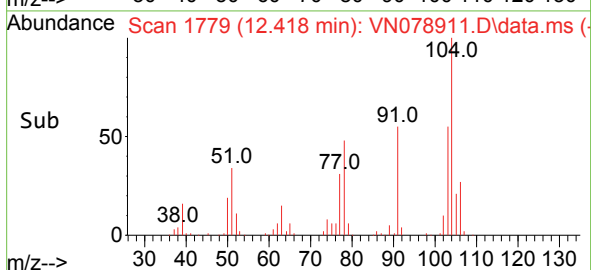
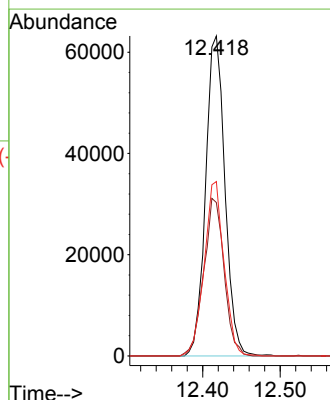
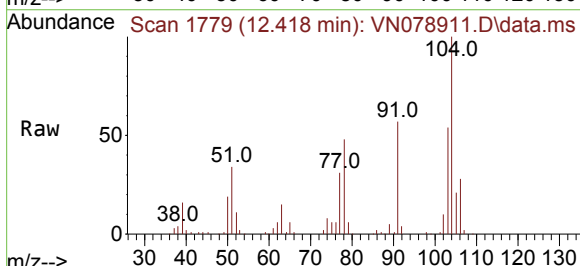
Tgt Ion:104 Resp: 109429

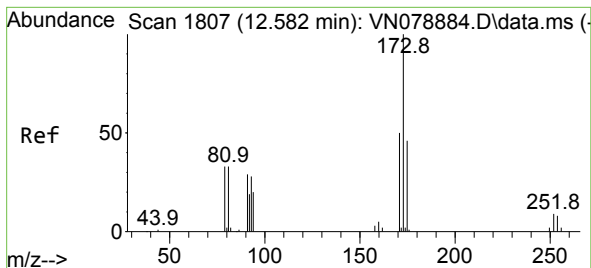
Ion Ratio Lower Upper

104 100

78 51.9 39.5 59.3

103 56.0 43.2 64.8





#71

Bromoform

Concen: 19.799 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBS01

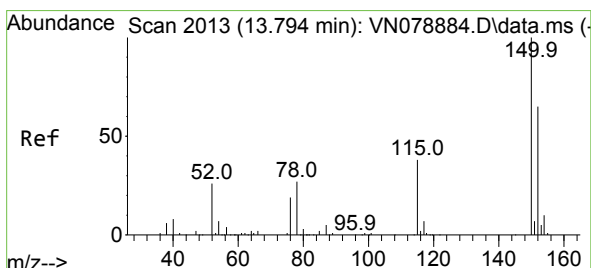
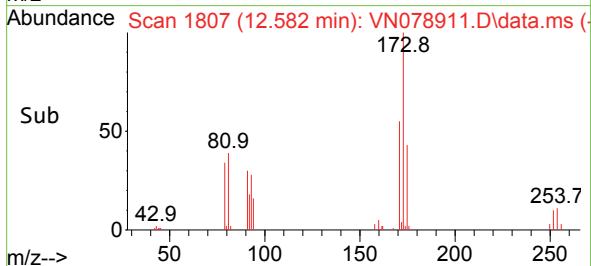
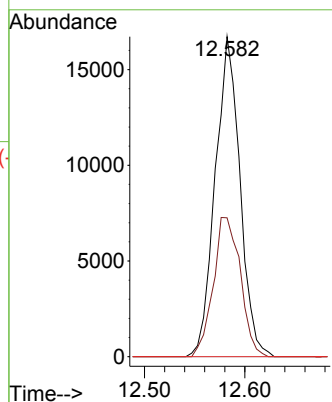
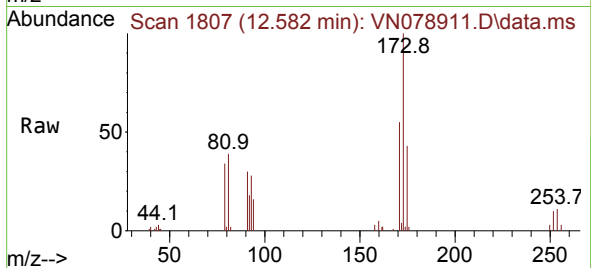
Tgt Ion:173 Resp: 28577

Ion Ratio Lower Upper

173 100

175 47.7 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

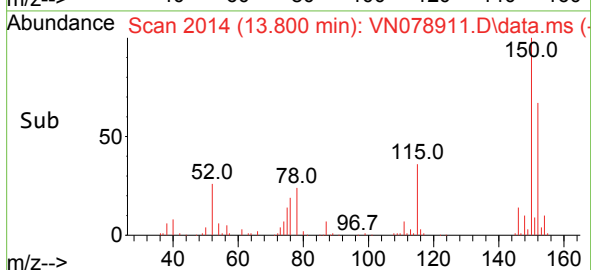
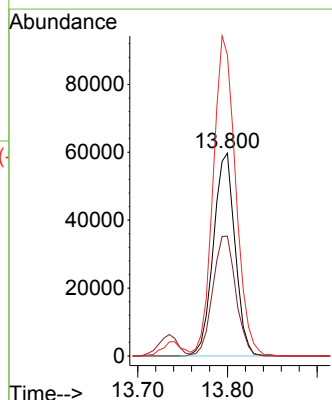
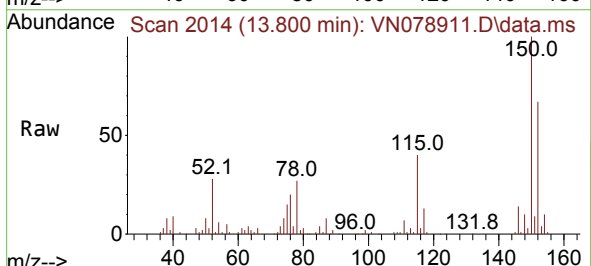
Tgt Ion:152 Resp: 100250

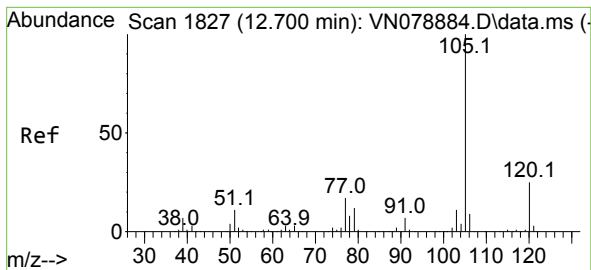
Ion Ratio Lower Upper

152 100

115 62.6 32.3 96.8

150 163.7 0.0 355.8





#73

Isopropylbenzene

Concen: 19.452 ug/l

RT: 12.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

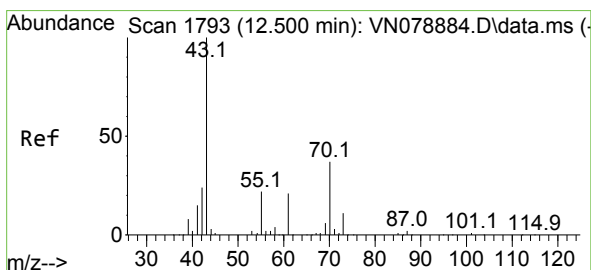
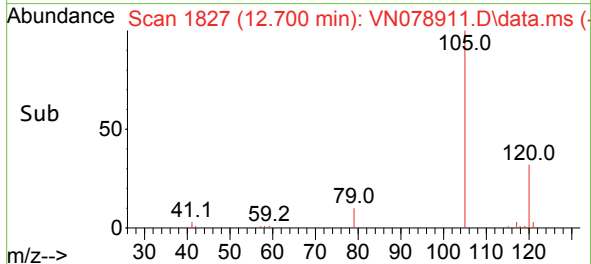
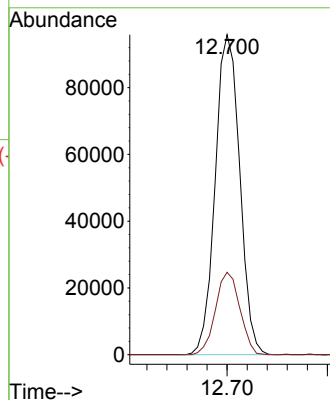
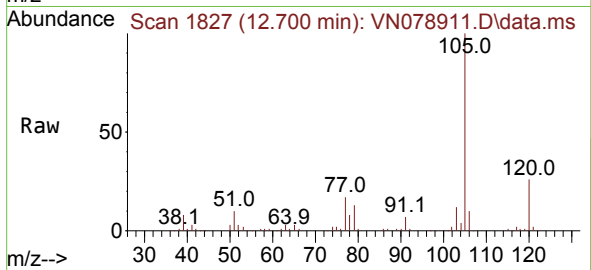
VN0816MBS01

Tgt Ion:105 Resp: 162597

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 21.383 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Tgt Ion: 43 Resp: 90220

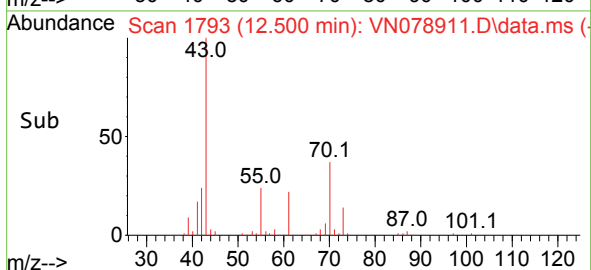
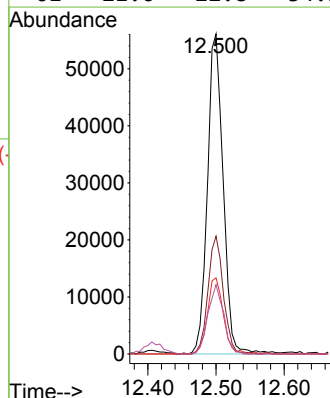
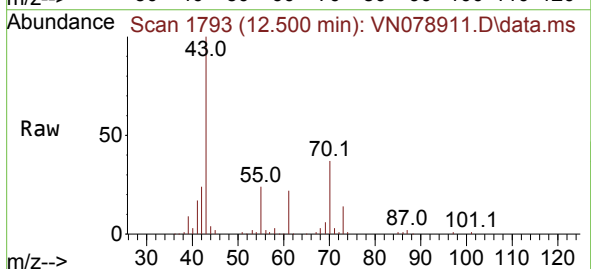
Ion Ratio Lower Upper

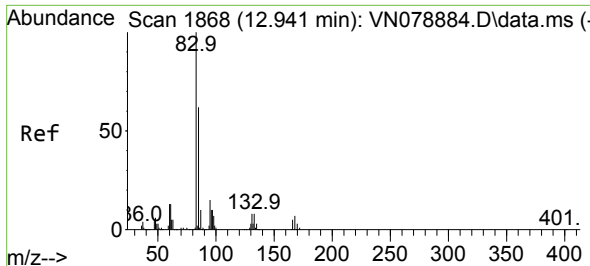
43 100

70 35.9 43.4 65.2#

55 23.7 21.4 32.0

61 21.6 22.8 34.2#

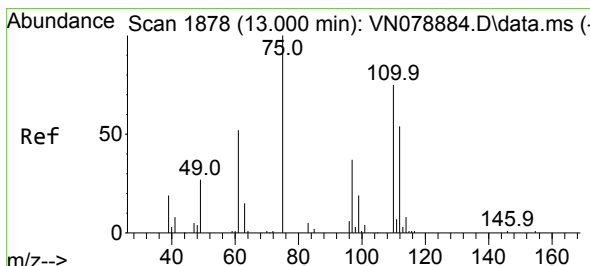
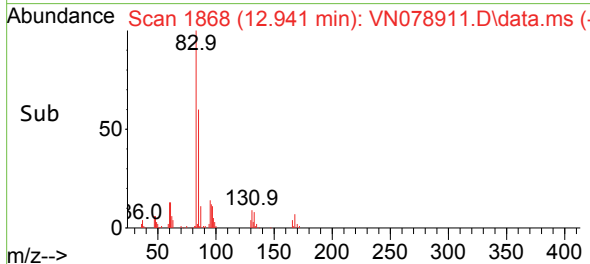
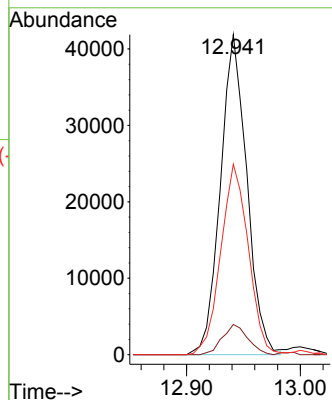
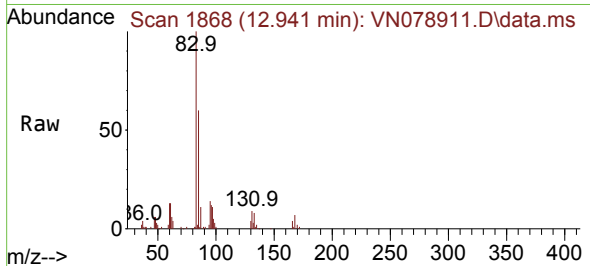




#75
1,1,2,2-Tetrachloroethane
Concen: 22.431 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

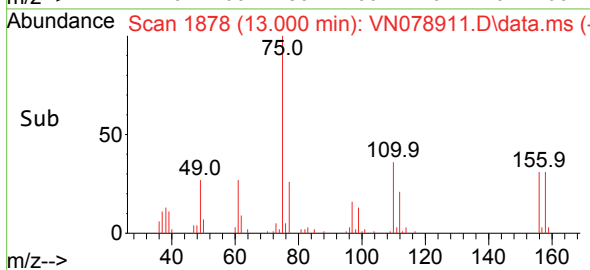
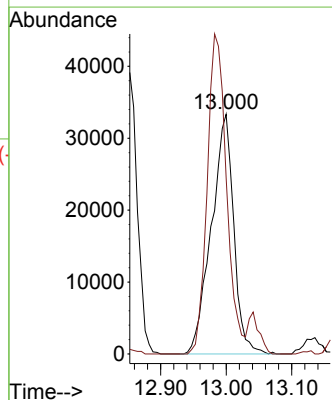
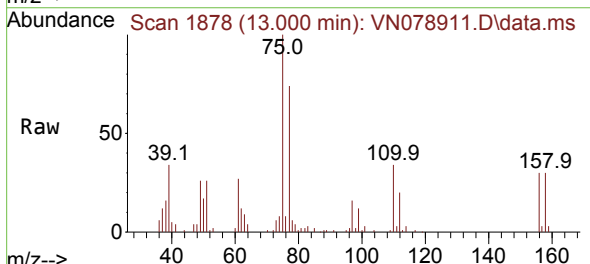
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBSD01

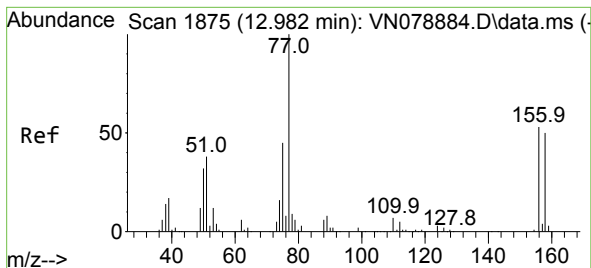
Tgt Ion: 83 Resp: 67702
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 62.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 32.665 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 75 Resp: 78904
Ion Ratio Lower Upper
75 100
77 115.7 84.5 253.5





#77

Bromobenzene

Concen: 19.253 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBSD01

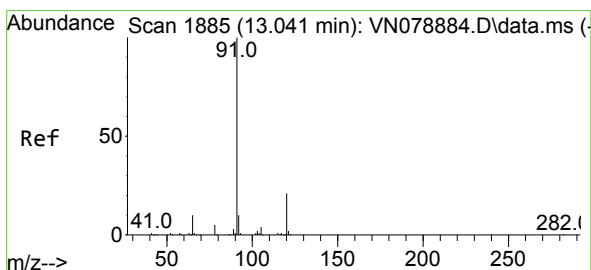
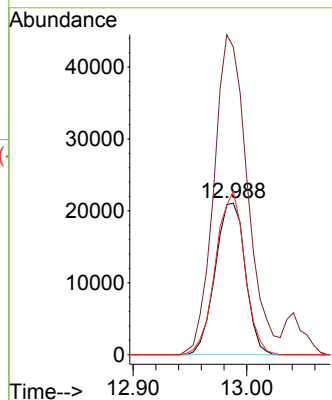
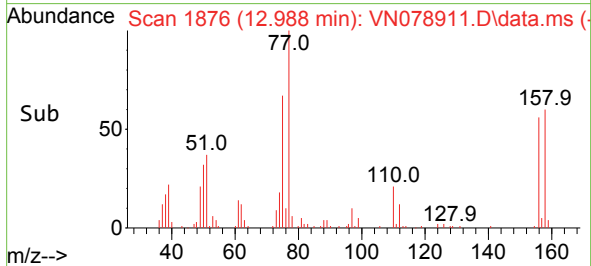
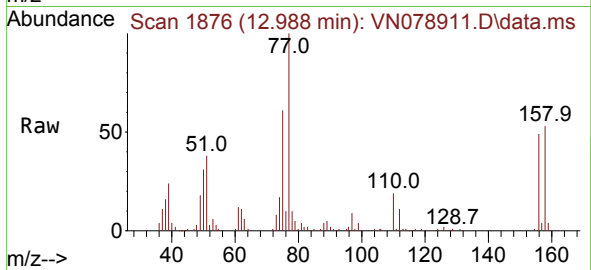
Tgt Ion:156 Resp: 38685

Ion Ratio Lower Upper

156 100

77 235.9 107.7 323.3

158 104.8 48.4 145.3



#78

n-propylbenzene

Concen: 18.714 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078911.D

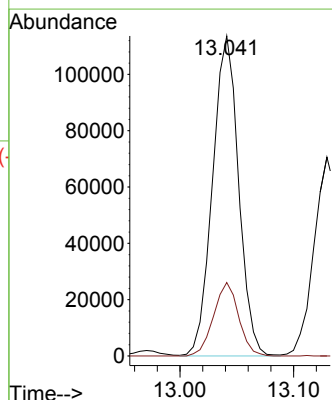
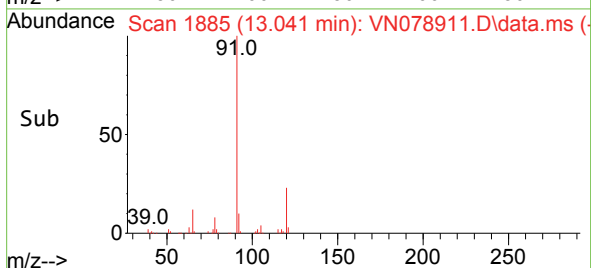
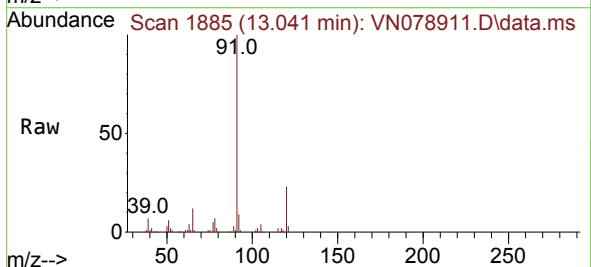
Acq: 16 Aug 2023 18:31

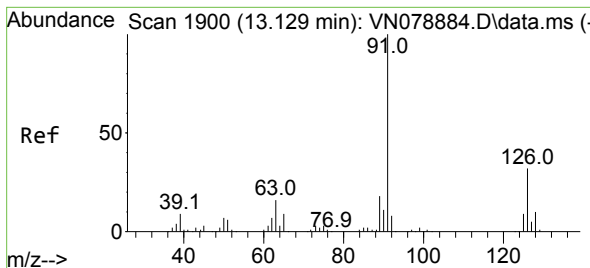
Tgt Ion: 91 Resp: 181395

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.972 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

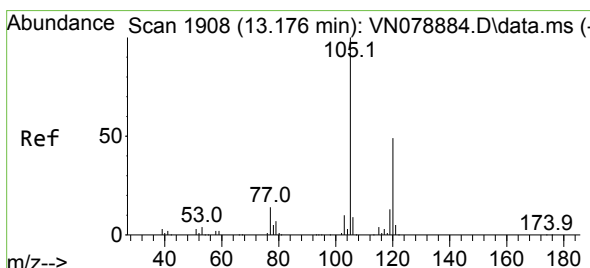
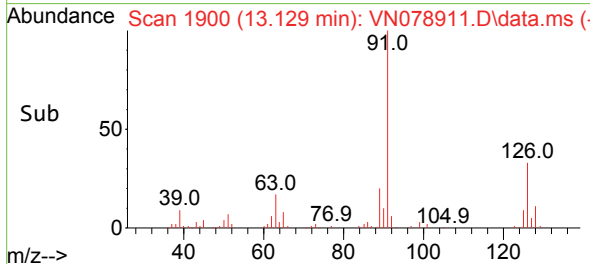
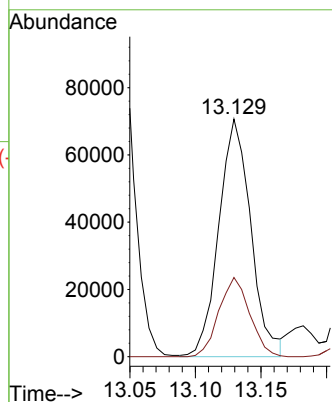
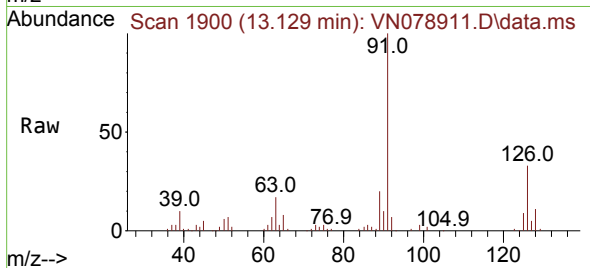
VN0816MBS01

Tgt Ion: 91 Resp: 120089

Ion Ratio Lower Upper

91 100

126 32.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.823 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078911.D

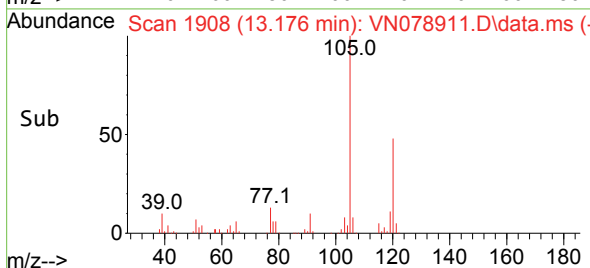
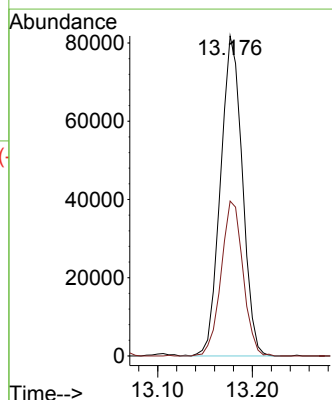
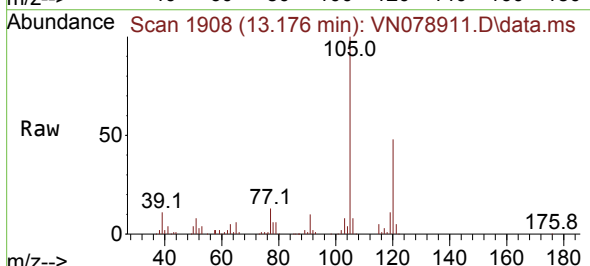
Acq: 16 Aug 2023 18:31

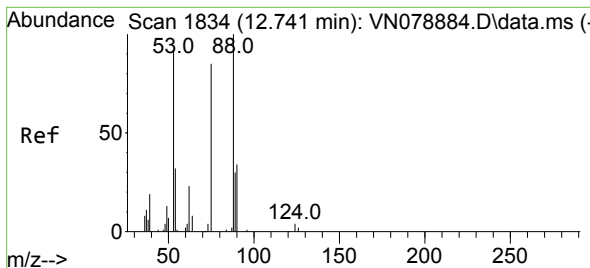
Tgt Ion: 105 Resp: 131312

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3

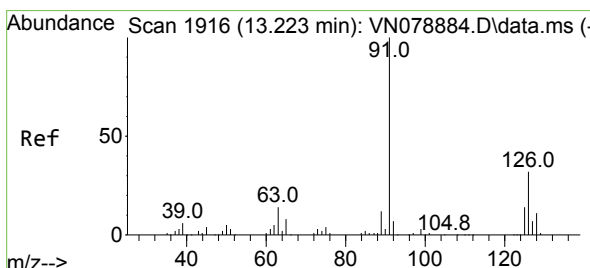
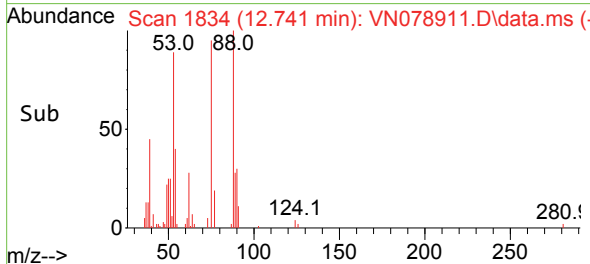
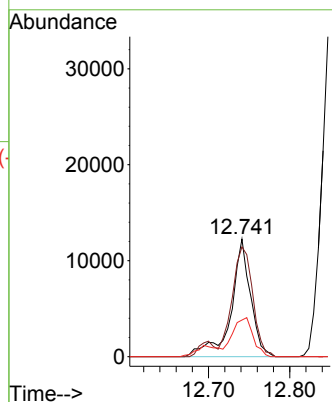
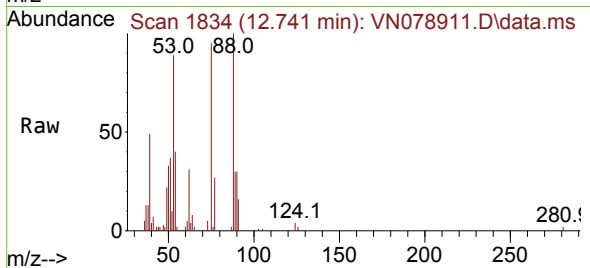




#81
trans-1,4-Dichloro-2-butene
Concen: 21.561 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

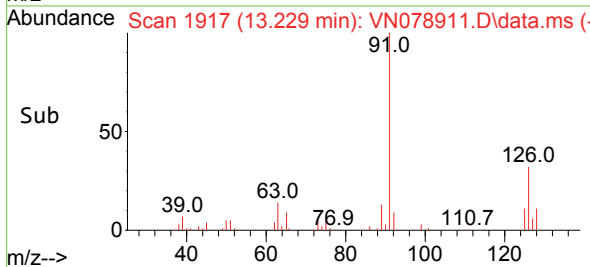
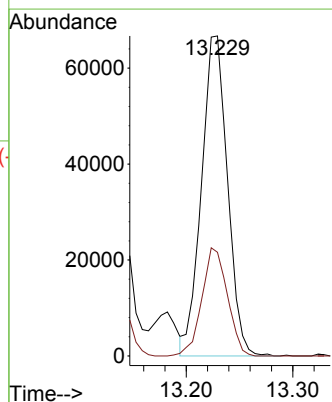
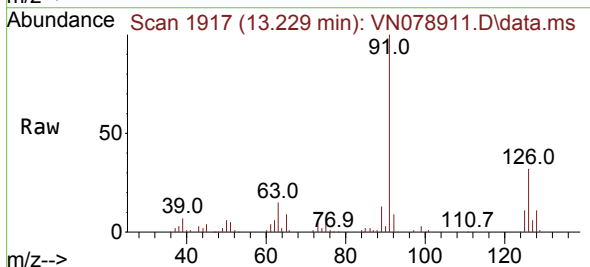
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBS01

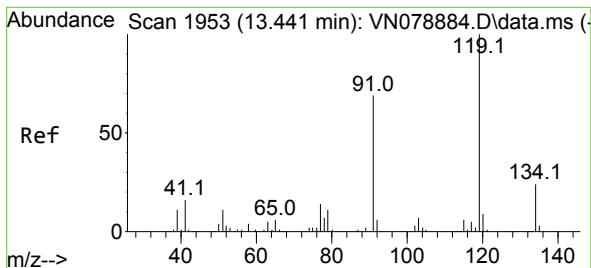
Tgt Ion: 75 Resp: 20388
Ion Ratio Lower Upper
75 100
53 99.1 67.4 101.2
89 34.6 38.8 58.2#



#82
4-Chlorotoluene
Concen: 19.253 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 91 Resp: 113273
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.456 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBSD01

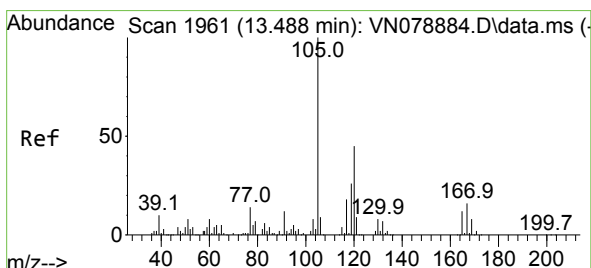
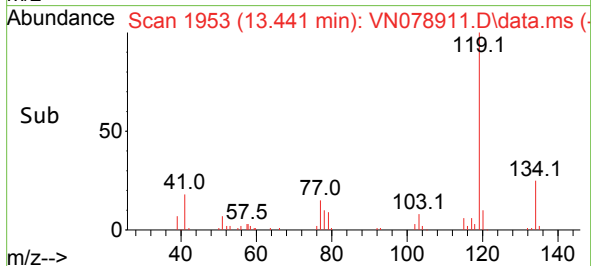
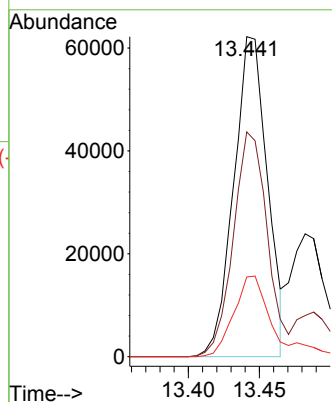
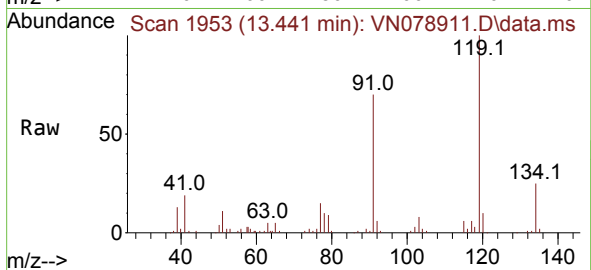
Tgt Ion:119 Resp: 102722

Ion Ratio Lower Upper

119 100

91 71.0 33.9 101.7

134 28.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.973 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078911.D

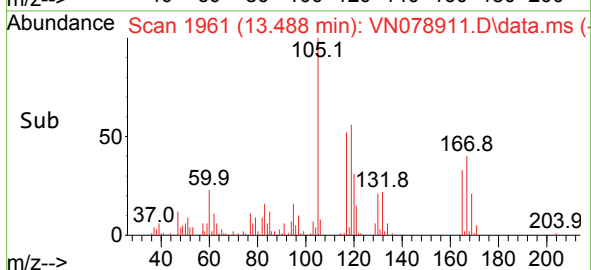
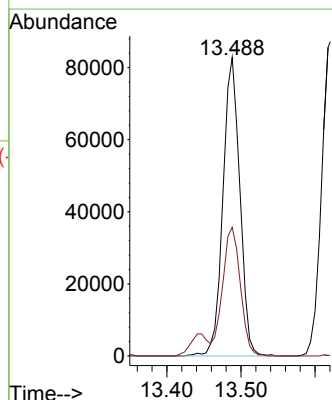
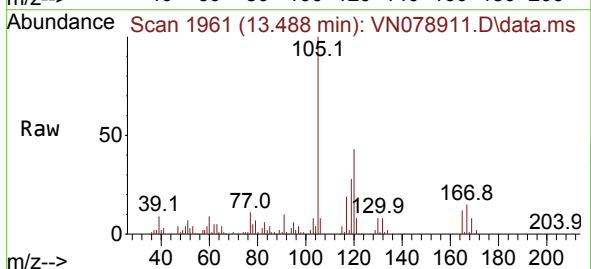
Acq: 16 Aug 2023 18:31

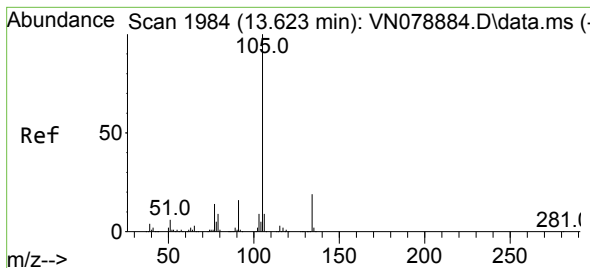
Tgt Ion:105 Resp: 131004

Ion Ratio Lower Upper

105 100

120 45.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.966 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

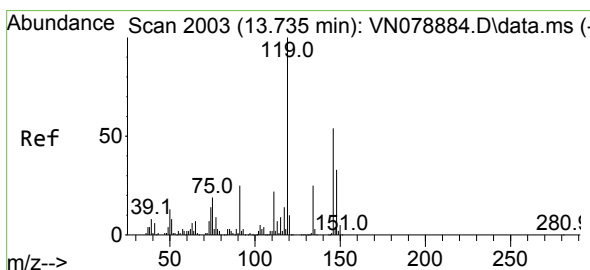
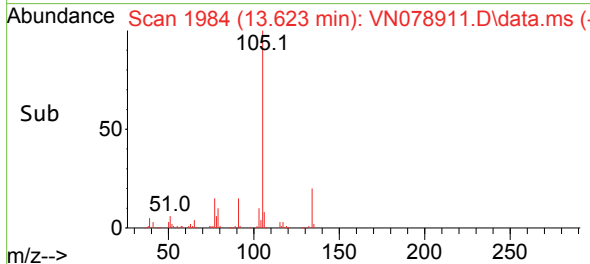
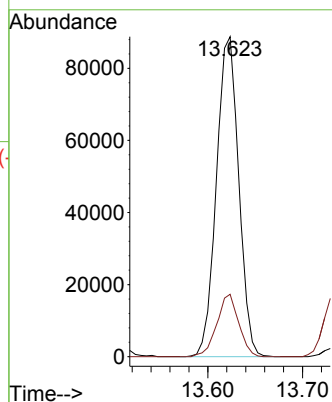
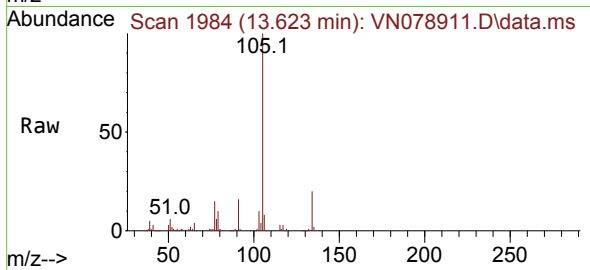
VN0816MBSD01

Tgt Ion:105 Resp: 145269

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.534 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

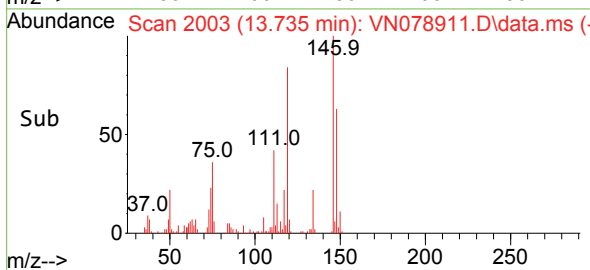
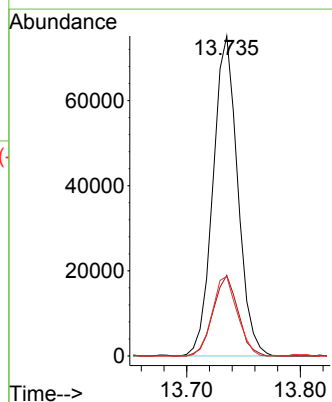
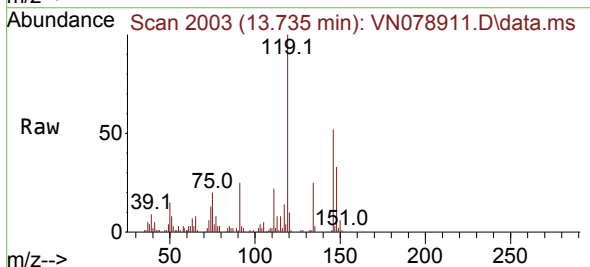
Tgt Ion:119 Resp: 113418

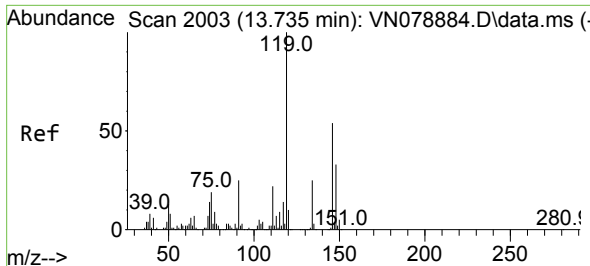
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 25.3 12.4 37.2

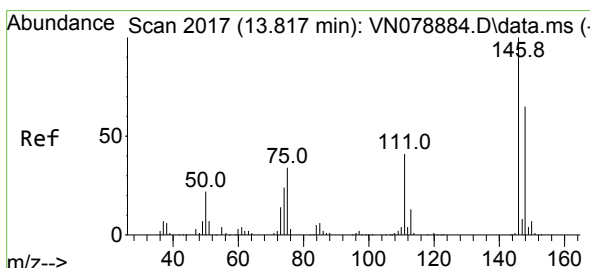
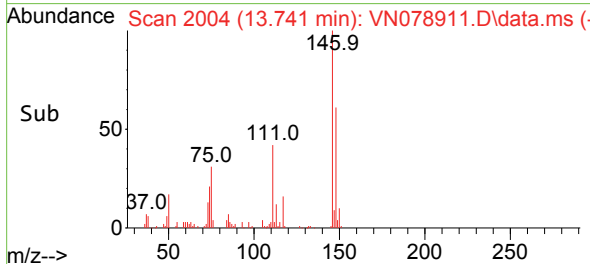
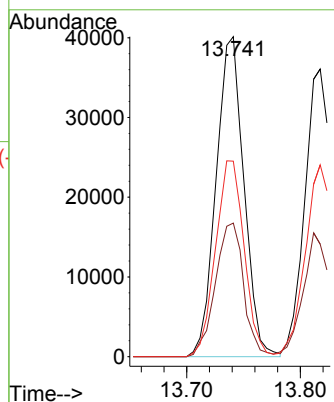
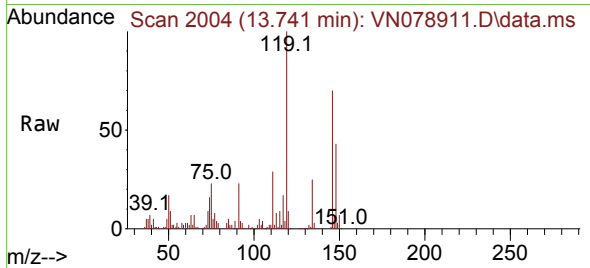




#87
1,3-Dichlorobenzene
Concen: 19.728 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

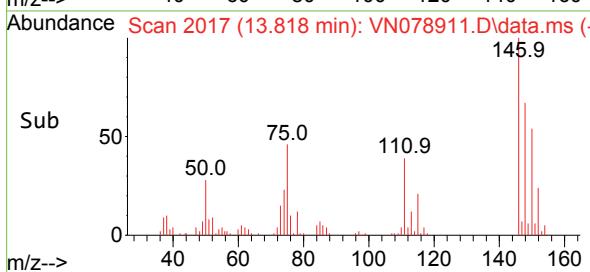
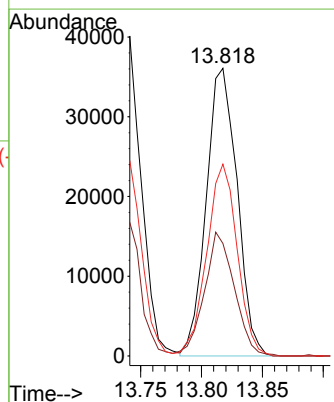
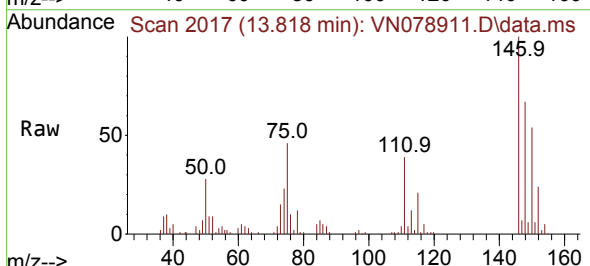
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBSD01

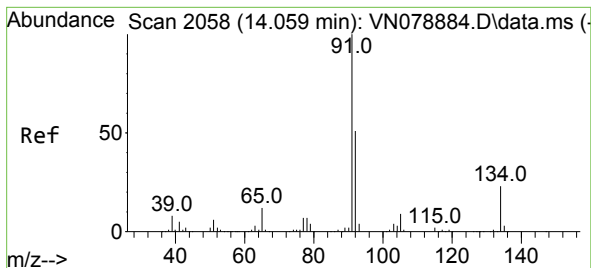
Tgt Ion:146 Resp: 68209
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.3
148 63.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 18.374 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion:146 Resp: 63584
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.8
148 66.0 31.6 94.8





#89

n-Butylbenzene

Concen: 17.823 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBS01

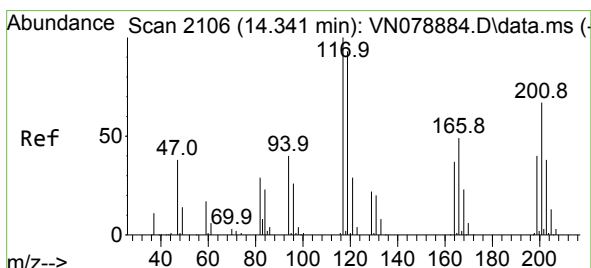
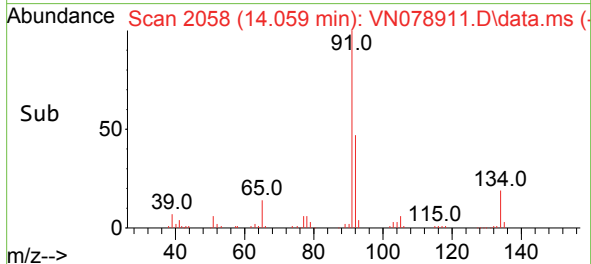
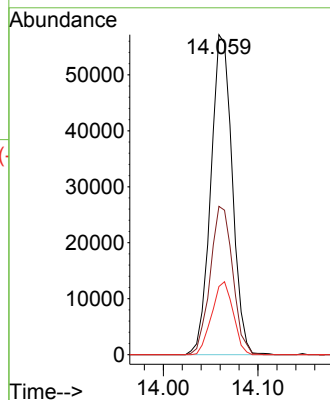
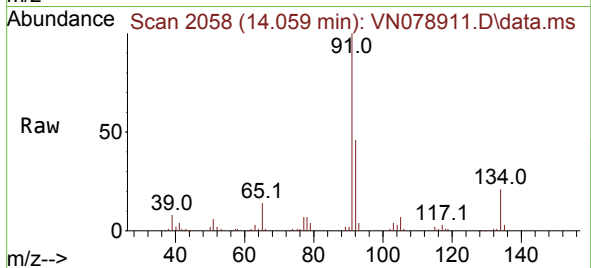
Tgt Ion: 91 Resp: 89757

Ion Ratio Lower Upper

91 100

92 48.8 26.4 79.0

134 22.8 12.6 37.6



#90

Hexachloroethane

Concen: 20.644 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078911.D

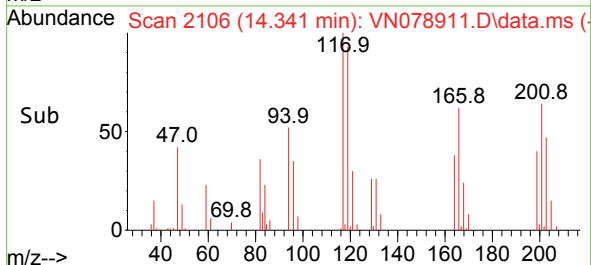
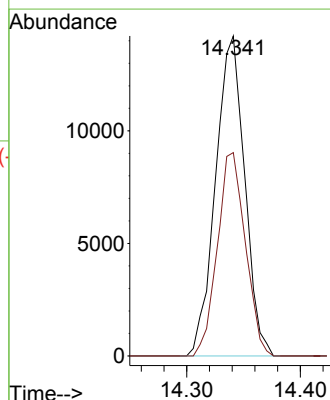
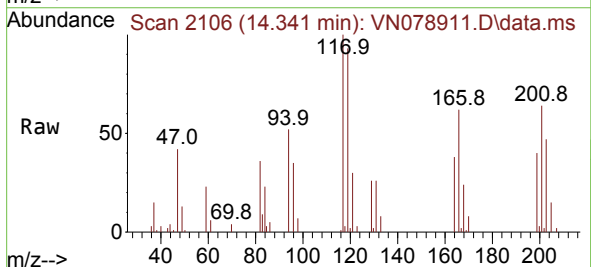
Acq: 16 Aug 2023 18:31

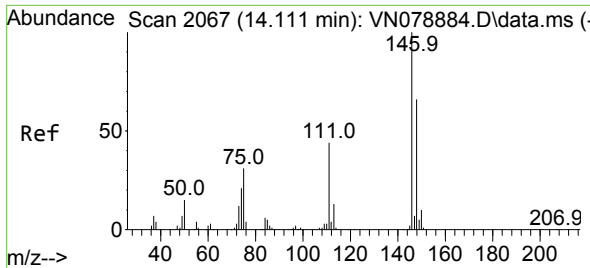
Tgt Ion: 117 Resp: 25324

Ion Ratio Lower Upper

117 100

201 61.1 29.3 88.0

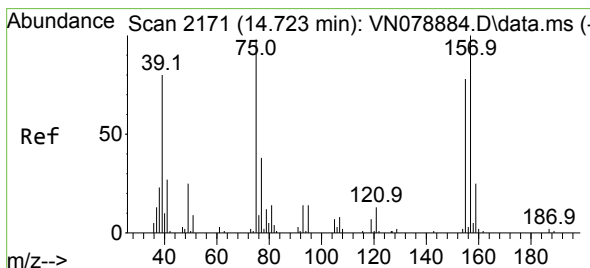
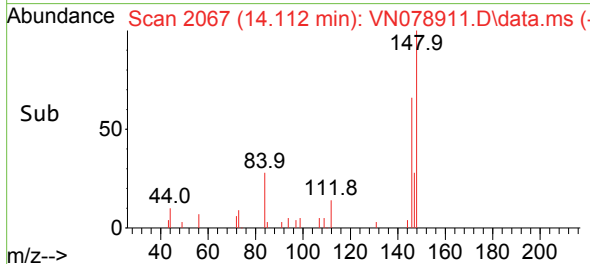
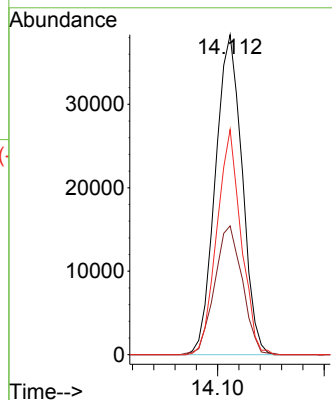
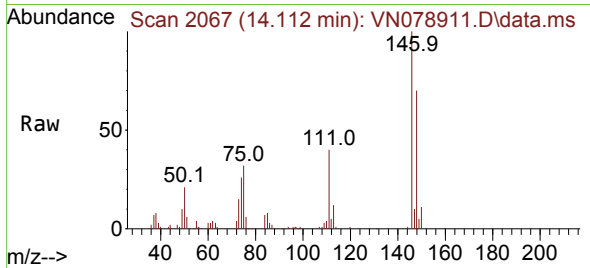




#91
1,2-Dichlorobenzene
Concen: 19.440 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

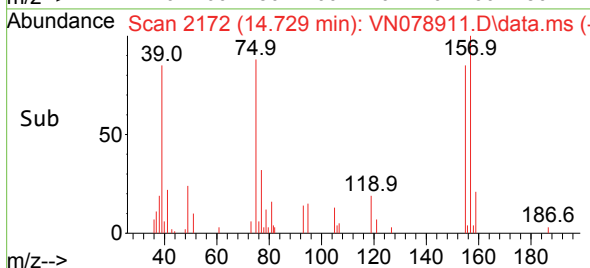
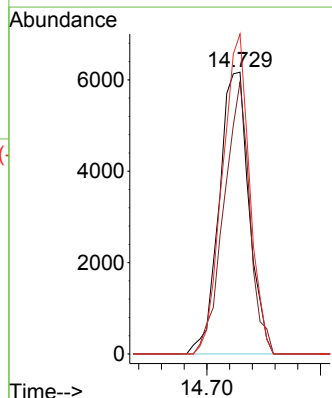
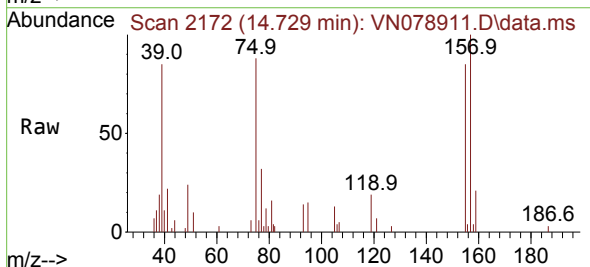
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBS01

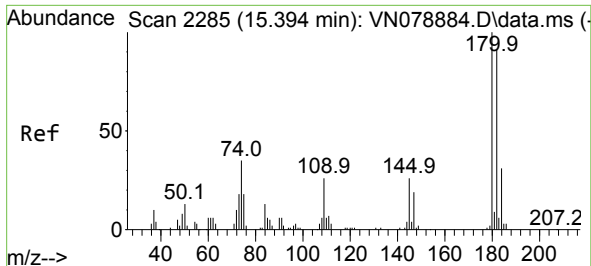
Tgt Ion:146 Resp: 66841
Ion Ratio Lower Upper
146 100
111 41.8 22.0 66.0
148 63.9 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.925 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078911.D
Acq: 16 Aug 2023 18:31

Tgt Ion: 75 Resp: 11247
Ion Ratio Lower Upper
75 100
155 83.7 39.1 117.2
157 103.5 50.3 150.9

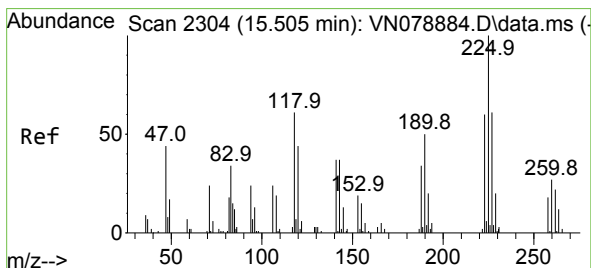
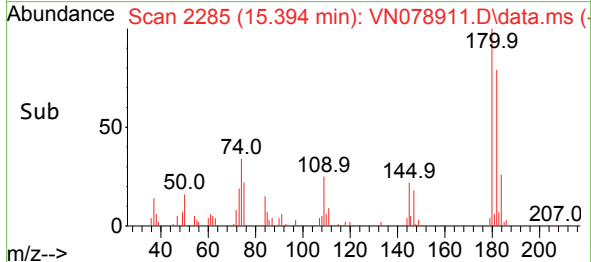
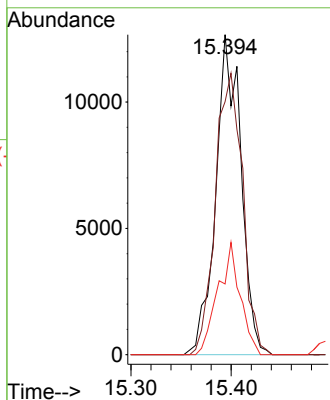
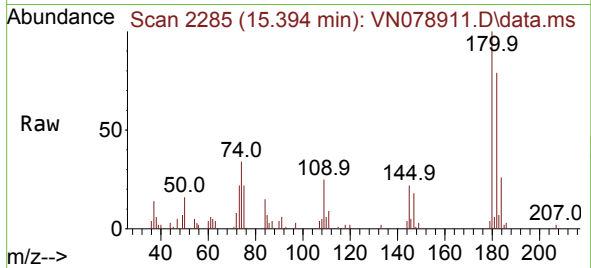




#93
 1,2,4-Trichlorobenzene
 Concen: 18.131 ug/l
 RT: 15.394 min Scan# 2100
 Delta R.T. -0.006 min
 Lab File: VN078911.D
 Acq: 16 Aug 2023 18:31

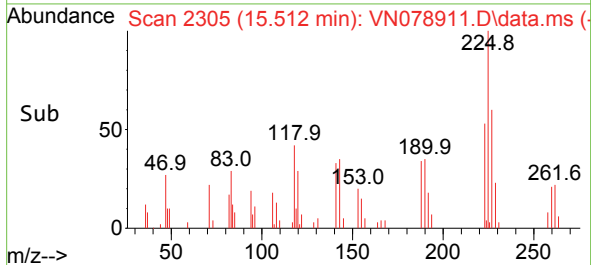
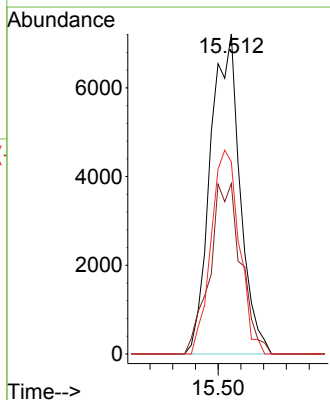
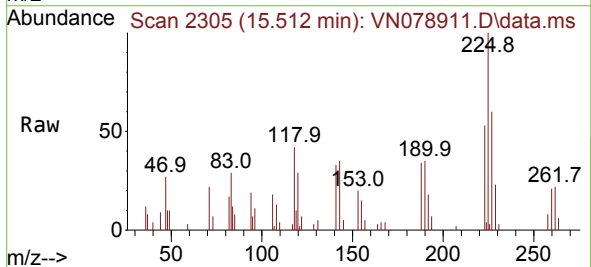
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBSD01

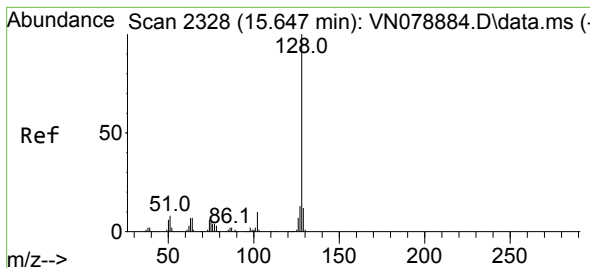
Tgt Ion:	180	Resp:	22100
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.1	138.2
145	30.9	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 18.567 ug/l
 RT: 15.512 min Scan# 2305
 Delta R.T. 0.006 min
 Lab File: VN078911.D
 Acq: 16 Aug 2023 18:31

Tgt Ion:	225	Resp:	13063
Ion Ratio	Lower	Upper	
225	100		
223	56.6	31.3	93.8
227	60.8	31.9	95.9





#95

Naphthalene

Concen: 16.390 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBS01

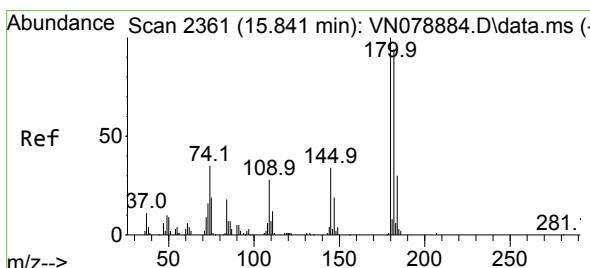
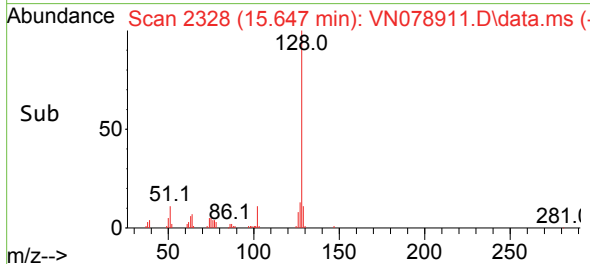
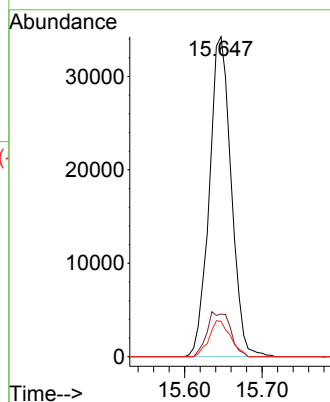
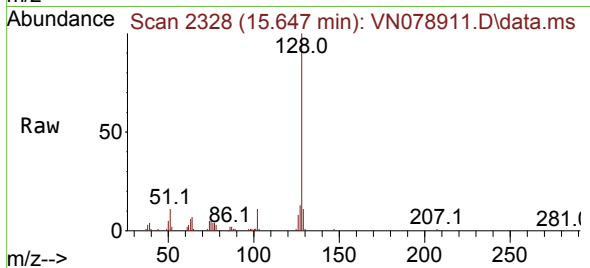
Tgt Ion:128 Resp: 67287

Ion Ratio Lower Upper

128 100

127 15.0 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.112 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN078911.D

Acq: 16 Aug 2023 18:31

Tgt Ion:180 Resp: 24179

Ion Ratio Lower Upper

180 100

182 96.1 46.2 138.6

145 35.9 17.5 52.6

