

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078896.D
 Acq On : 16 Aug 2023 12:27
 Operator : JC\MD
 Sample : VN0816WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

Quant Time: Aug 17 01:14:10 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	150363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	265092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	245357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	128046	54.726	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.460%	
35) Dibromofluoromethane	8.171	113	97799	54.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.620%	
50) Toluene-d8	10.571	98	364737	55.048	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.100%	
62) 4-Bromofluorobenzene	12.853	95	114864	53.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	37346	17.900	ug/l	94
3) Chloromethane	2.365	50	50935	17.486	ug/l	97
4) Vinyl Chloride	2.512	62	48612	19.029	ug/l	98
5) Bromomethane	2.948	94	29243	19.938	ug/l	93
6) Chloroethane	3.112	64	34042	19.062	ug/l	99
7) Trichlorofluoromethane	3.501	101	59202	19.027	ug/l	93
8) Diethyl Ether	3.971	74	22701	19.245	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.371	101	32622	19.685	ug/l	98
10) Methyl Iodide	4.595	142	33955	18.313	ug/l	96
11) Tert butyl alcohol	5.530	59	38316	97.591	ug/l	98
12) 1,1-Dichloroethene	4.336	96	29753	18.431	ug/l #	84
13) Acrolein	4.189	56	23657	100.064	ug/l	95
14) Allyl chloride	5.024	41	53933	16.787	ug/l #	89
15) Acrylonitrile	5.724	53	108568	102.073	ug/l	99
16) Acetone	4.436	43	92898	96.225	ug/l	89
17) Carbon Disulfide	4.718	76	79740	17.647	ug/l #	94
18) Methyl Acetate	5.036	43	80795	19.810	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	117948	20.284	ug/l	100
20) Methylene Chloride	5.277	84	39719	19.306	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	35594	19.663	ug/l	90
22) Diisopropyl ether	6.677	45	137638	20.250	ug/l #	92
23) Vinyl Acetate	6.606	43	425190	95.008	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	72209	19.447	ug/l	98
25) 2-Butanone	7.494	43	149924	96.860	ug/l #	74
26) 2,2-Dichloropropane	7.494	77	52447	17.474	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	40855	18.569	ug/l	83
28) Bromochloromethane	7.818	49	42088	21.368	ug/l #	70
29) Tetrahydrofuran	7.847	42	100170	97.774	ug/l #	71
30) Chloroform	7.971	83	73458	19.802	ug/l	95
31) Cyclohexane	8.259	56	56888	17.794	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	60830	19.232	ug/l	94
36) 1,1-Dichloropropene	8.377	75	50950	18.981	ug/l	98
37) Ethyl Acetate	7.571	43	66593	22.173	ug/l #	87
38) Carbon Tetrachloride	8.365	117	52494	19.517	ug/l	91
39) Methylcyclohexane	9.606	83	44768	18.134	ug/l #	79
40) Benzene	8.612	78	158324	19.955	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	32939	20.137	ug/l #	80
42) 1,2-Dichloroethane	8.683	62	62276	21.009	ug/l	99
43) Isopropyl Acetate	8.694	43	100806	18.990	ug/l #	87
44) Trichloroethene	9.359	130	36116	19.157	ug/l	92
45) 1,2-Dichloropropane	9.630	63	43026	20.368	ug/l	94
46) Dibromomethane	9.712	93	29429	20.311	ug/l	97
47) Bromodichloromethane	9.894	83	60020	20.978	ug/l	98
48) Methyl methacrylate	9.688	41	46182	19.199	ug/l #	78
49) 1,4-Dioxane	9.700	88	16612	405.442	ug/l #	80
51) 4-Methyl-2-Pentanone	10.453	43	316817	100.628	ug/l	87
52) Toluene	10.635	92	95894	19.686	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	61205	19.948	ug/l	91
54) cis-1,3-Dichloropropene	10.318	75	65555	19.618	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	41270	21.130	ug/l	97
56) Ethyl methacrylate	10.883	69	58487	19.317	ug/l #	75
57) 1,3-Dichloropropane	11.171	76	71673	20.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	152229	104.741	ug/l #	87
59) 2-Hexanone	11.200	43	224627	98.504	ug/l	86
60) Dibromochloromethane	11.365	129	41334	20.110	ug/l	99
61) 1,2-Dibromoethane	11.477	107	39658	19.980	ug/l	99
64) Tetrachloroethene	11.106	164	27165	17.655	ug/l	95
65) Chlorobenzene	11.894	112	101567	19.447	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	37307	18.902	ug/l	96
67) Ethyl Benzene	11.971	91	174522	18.375	ug/l	99
68) m/p-Xylenes	12.071	106	133927	37.715	ug/l	95
69) o-Xylene	12.400	106	65656	19.007	ug/l	95
70) Styrene	12.418	104	106021	18.407	ug/l	97
71) Bromoform	12.582	173	27587	19.225	ug/l #	98
73) Isopropylbenzene	12.700	105	159323	18.875	ug/l	99
74) N-amyl acetate	12.500	43	80236	18.832	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	61147	20.063	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	73626	30.184	ug/l	67
77) Bromobenzene	12.988	156	37981	18.719	ug/l	88
78) n-propylbenzene	13.041	91	190544	19.467	ug/l	96
79) 2-Chlorotoluene	13.129	91	117105	19.287	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	129418	19.347	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17327	18.146	ug/l #	78
82) 4-Chlorotoluene	13.229	91	112375	18.915	ug/l	100
83) tert-Butylbenzene	13.441	119	102727	18.278	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	128838	19.452	ug/l	99
85) sec-Butylbenzene	13.624	105	142597	18.436	ug/l	100
86) p-Isopropyltoluene	13.735	119	117375	18.994	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	67244	19.260	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	63768	18.248	ug/l	97
89) n-Butylbenzene	14.065	91	91350	17.963	ug/l	99
90) Hexachloroethane	14.335	117	23491	18.964	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	64618	18.611	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10761	18.630	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	19574	15.903	ug/l	94
94) Hexachlorobutadiene	15.512	225	10669	14.815	ug/l	90
95) Naphthalene	15.647	128	59540	14.680	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	20803	15.432	ug/l	95

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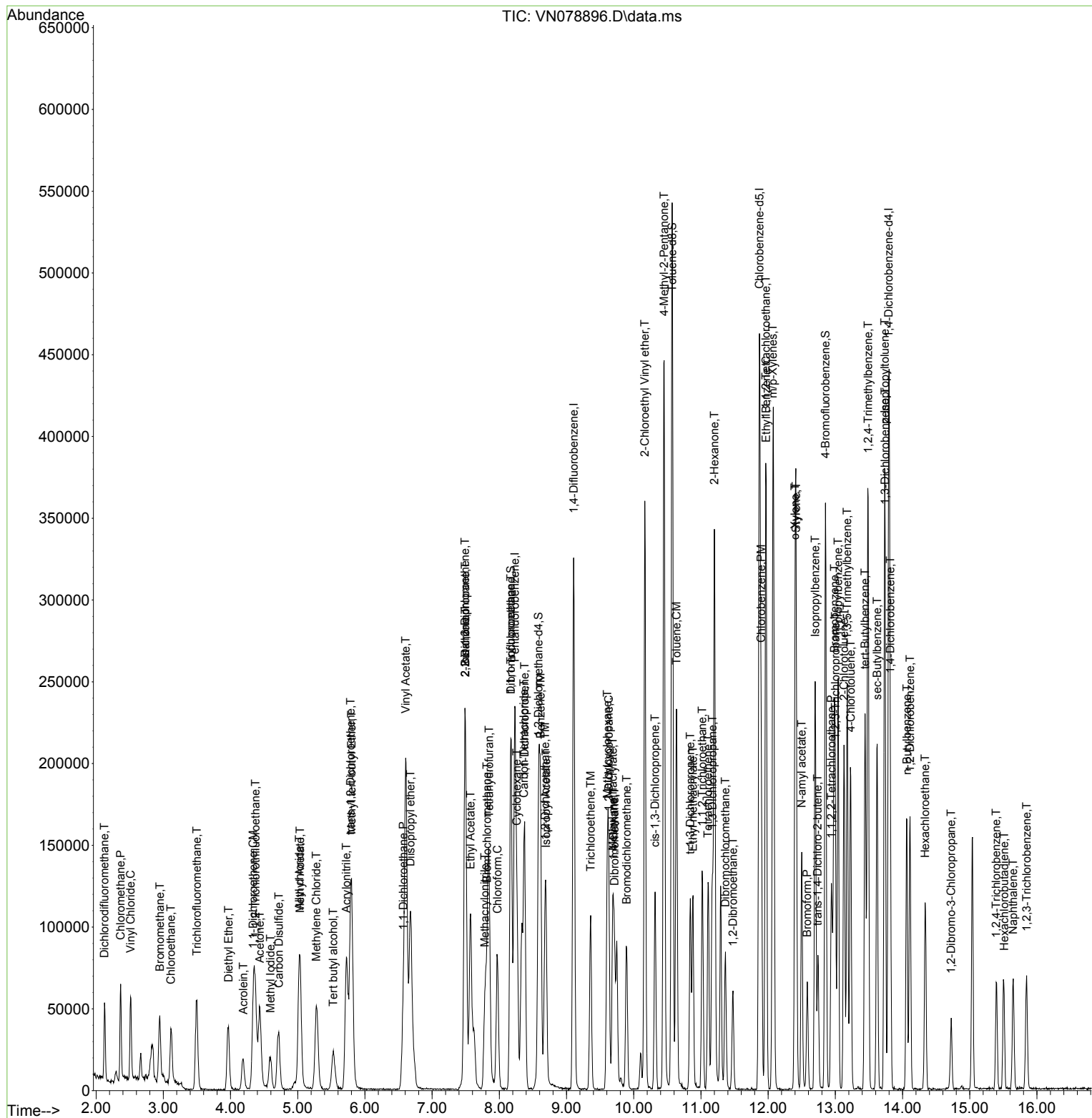
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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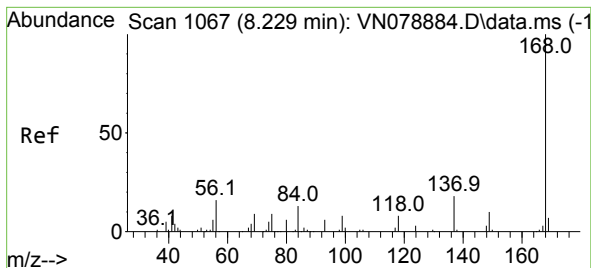
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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ClientSampleId :

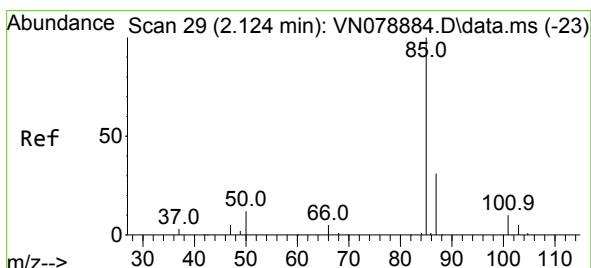
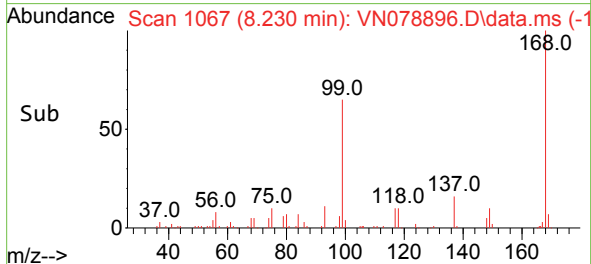
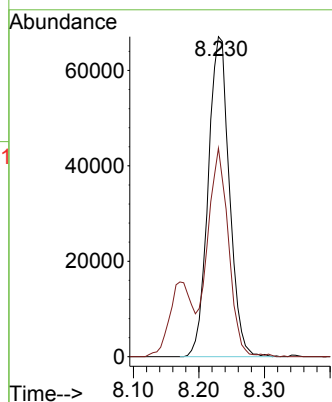
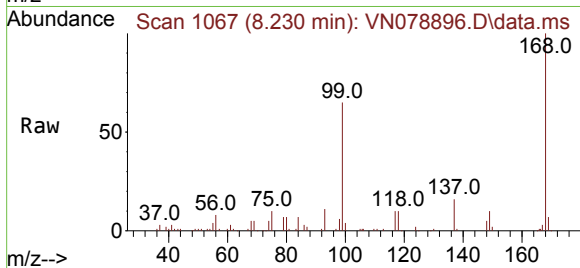
VN0816WBSD01

Tgt Ion:168 Resp: 150363

Ion Ratio Lower Upper

168 100

99 65.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 17.900 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.012 min

Lab File: VN078896.D

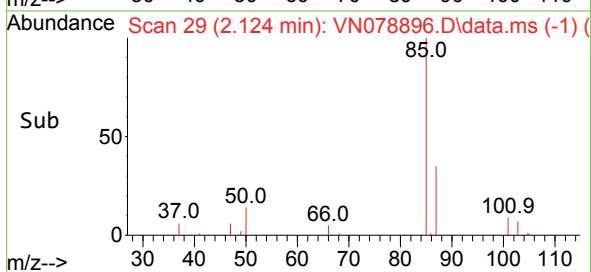
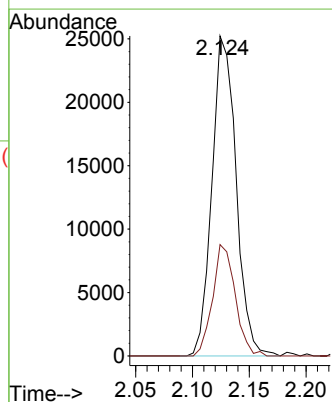
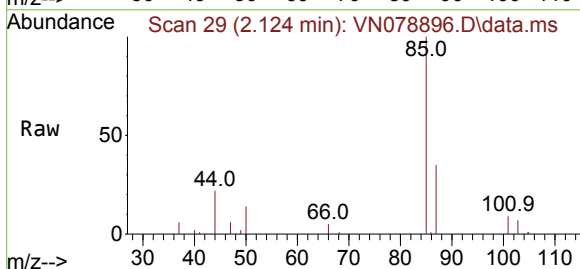
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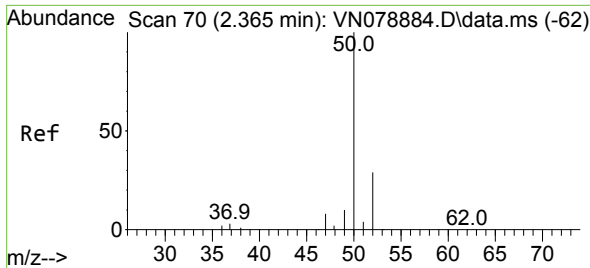
Tgt Ion: 85 Resp: 37346

Ion Ratio Lower Upper

85 100

87 34.8 15.8 47.4

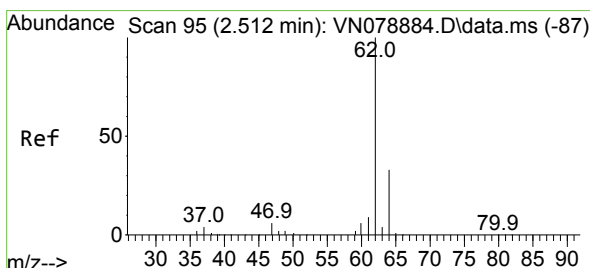
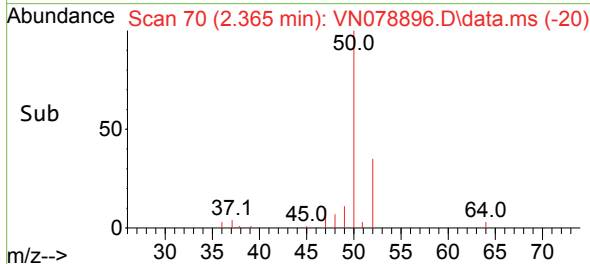
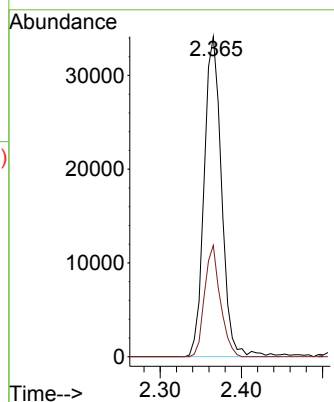
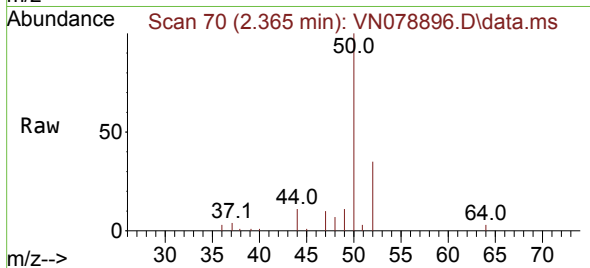




#3
Chloromethane
Concen: 17.486 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078896.D
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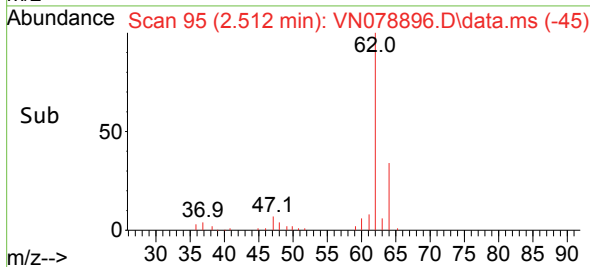
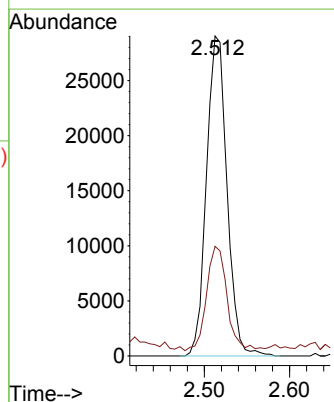
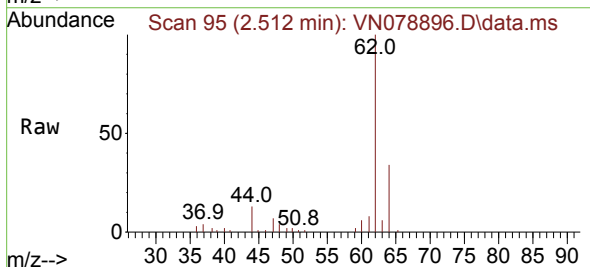
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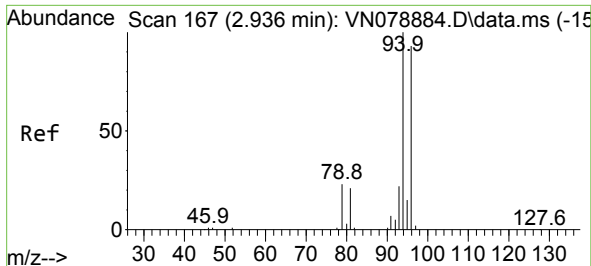
Tgt Ion: 50 Resp: 50935
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7



#4
Vinyl Chloride
Concen: 19.029 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078896.D
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Tgt Ion: 62 Resp: 48612
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2

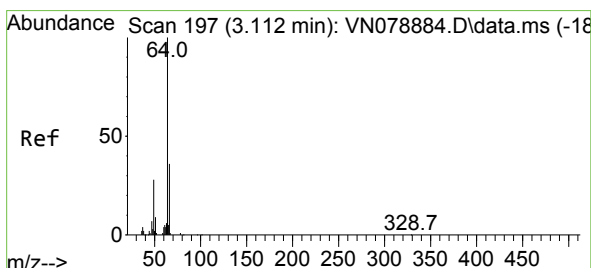
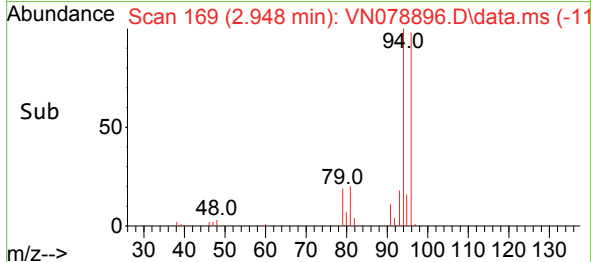
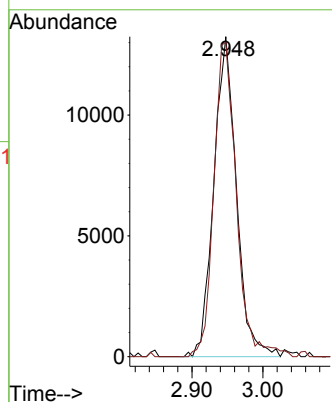
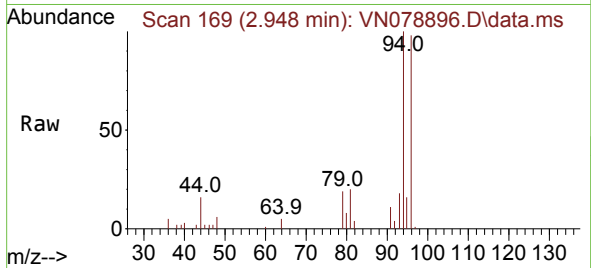




#5
Bromomethane
Concen: 19.938 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN078896.D
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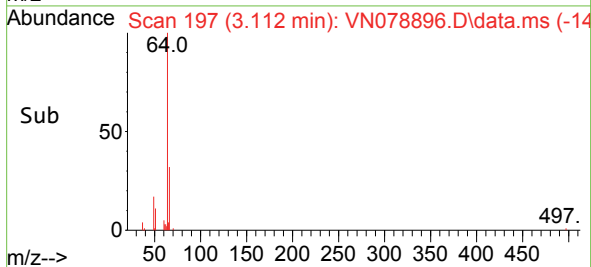
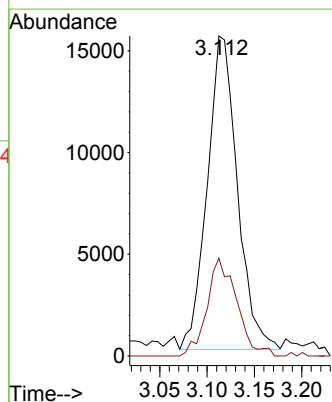
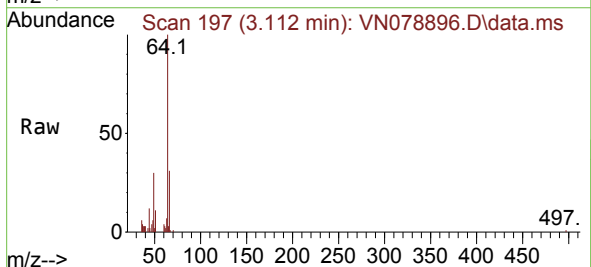
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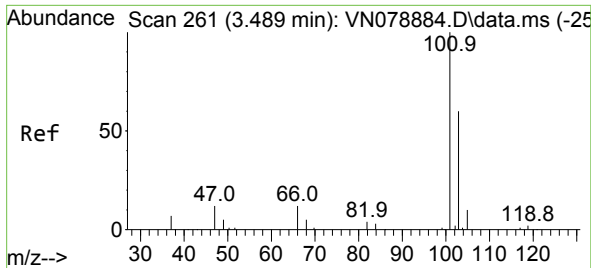
Tgt Ion: 94 Resp: 29243
Ion Ratio Lower Upper
94 100
96 98.3 73.1 109.7



#6
Chloroethane
Concen: 19.062 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 34042
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2

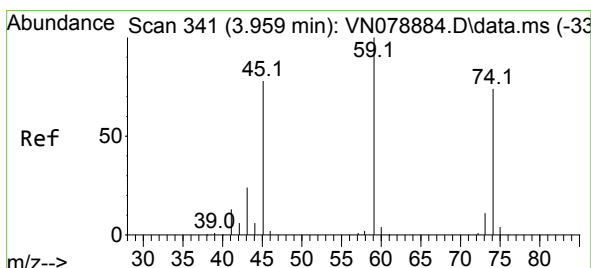
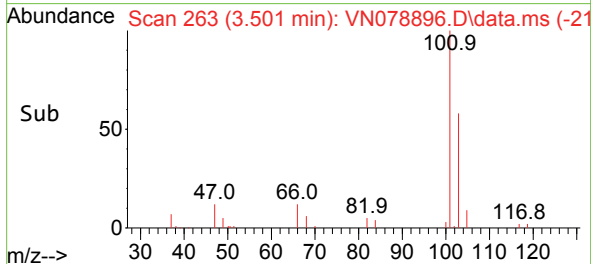
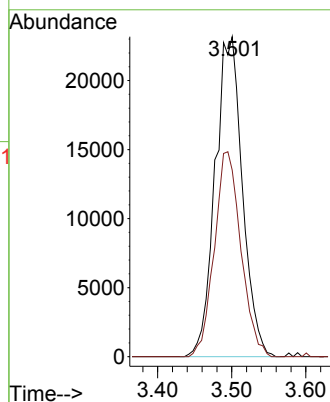
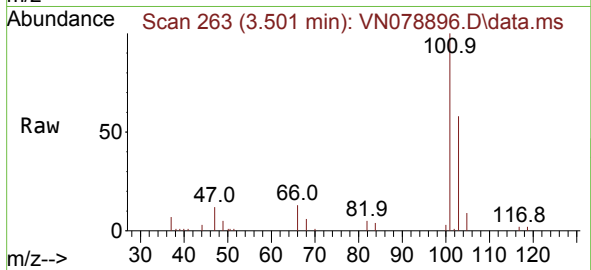




#7
Trichlorofluoromethane
Concen: 19.027 ug/l
RT: 3.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

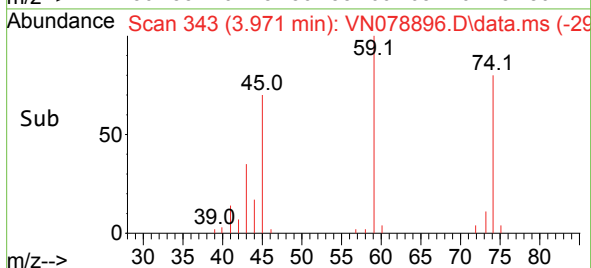
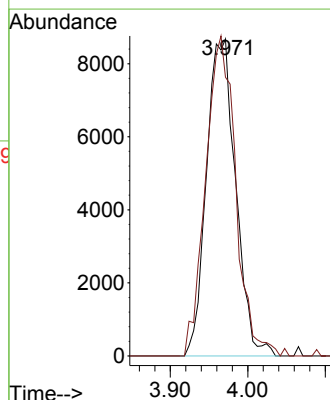
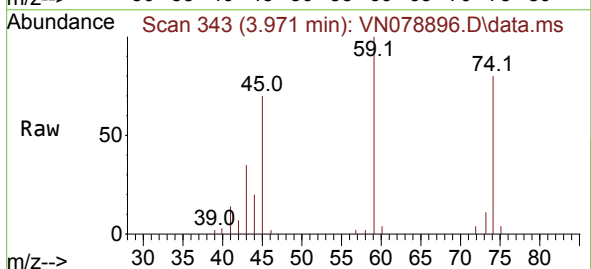
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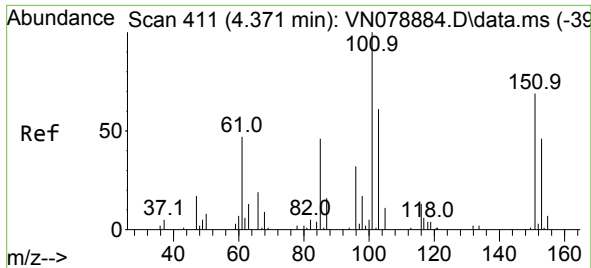
Tgt Ion:101 Resp: 59202
Ion Ratio Lower Upper
101 100
103 58.3 50.7 76.1



#8
Diethyl Ether
Concen: 19.245 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 74 Resp: 22701
Ion Ratio Lower Upper
74 100
45 104.3 34.4 103.3#

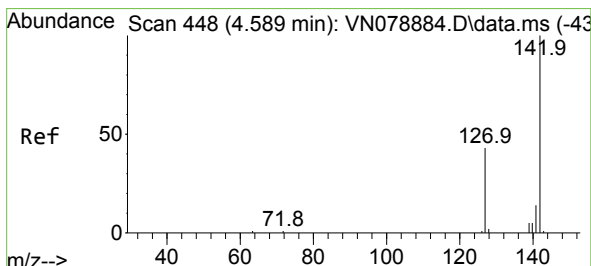
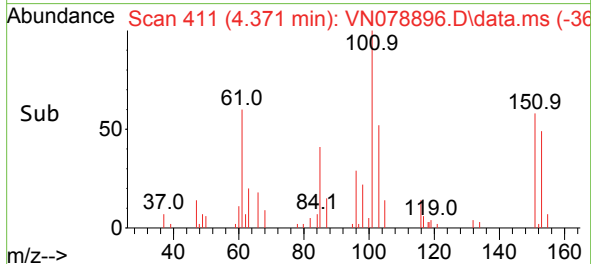
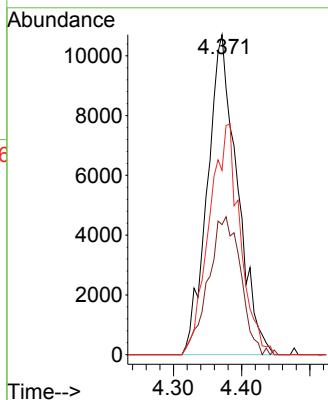
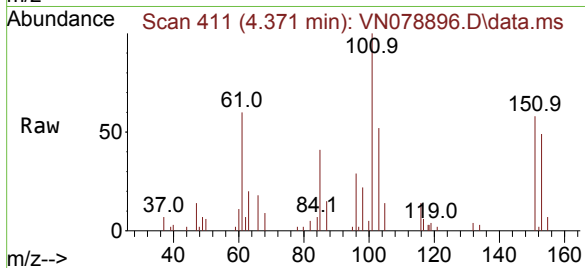




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.685 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

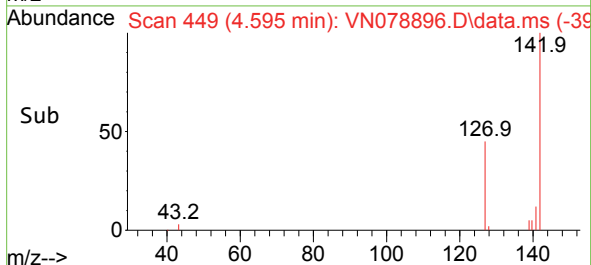
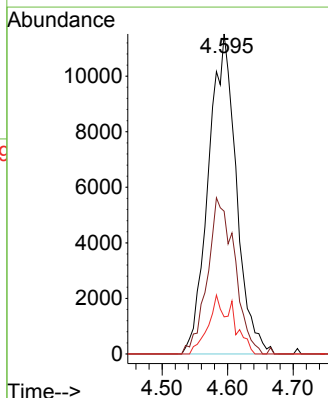
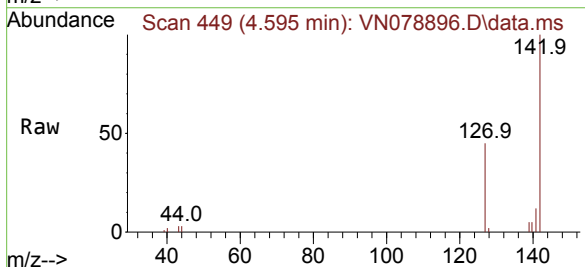
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

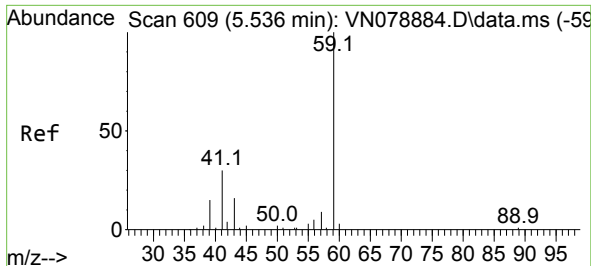
Tgt Ion:101	Resp:	32622
Ion	Ratio	Lower Upper
101	100	
85	46.8	36.6 55.0
151	74.2	57.6 86.4



#10
Methyl Iodide
Concen: 18.313 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion:142	Resp:	33955
Ion	Ratio	Lower Upper
142	100	
127	44.6	37.6 56.4
141	11.6	11.4 17.0

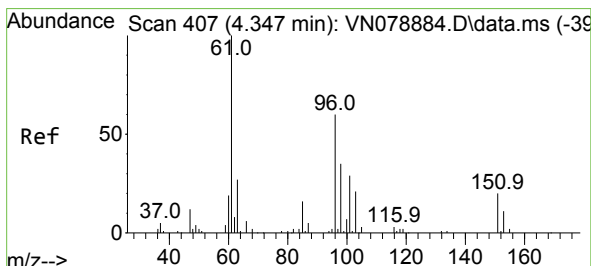
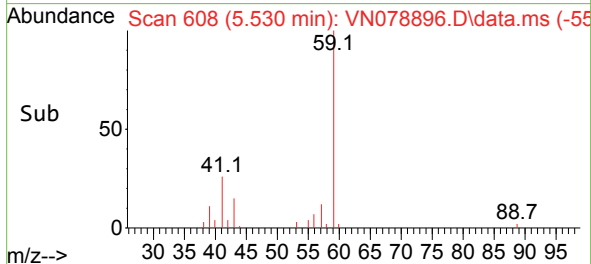
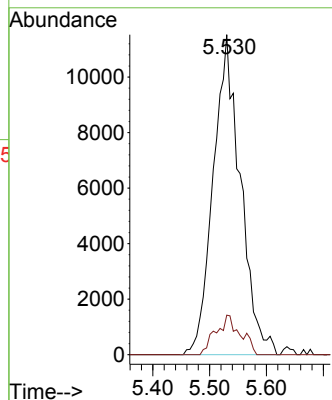
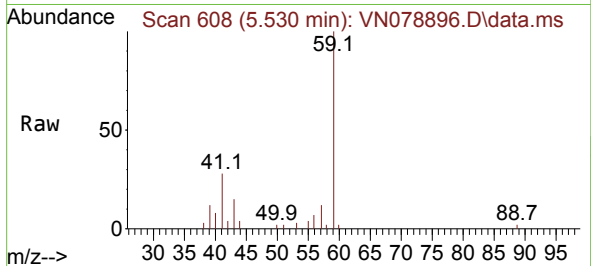




#11
Tert butyl alcohol
Concen: 97.591 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

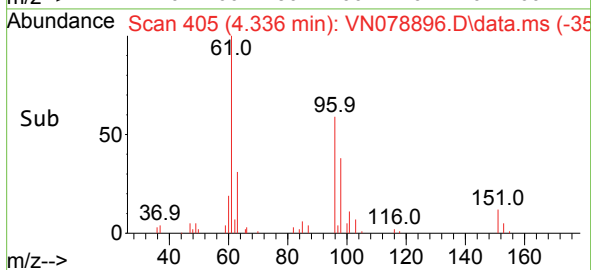
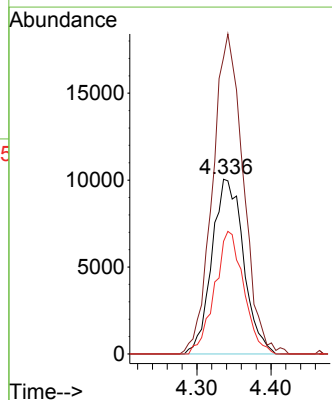
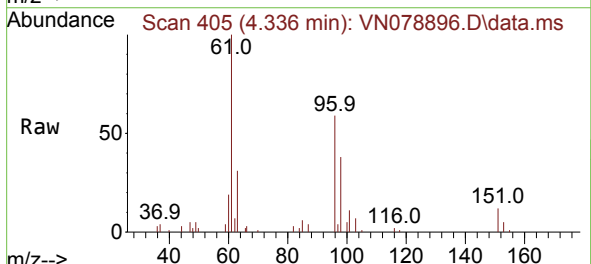
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

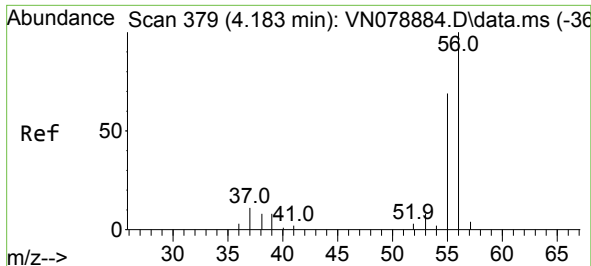
Tgt Ion: 59 Resp: 38316
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.431 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 96 Resp: 29753
Ion Ratio Lower Upper
96 100
61 169.6 112.7 169.1#
98 64.4 51.2 76.8

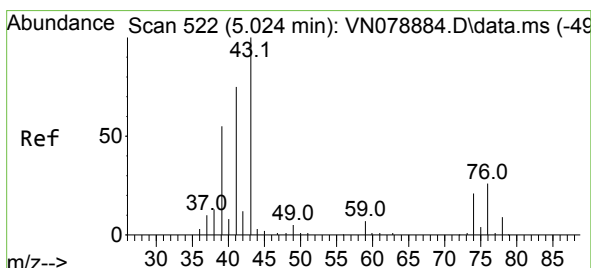
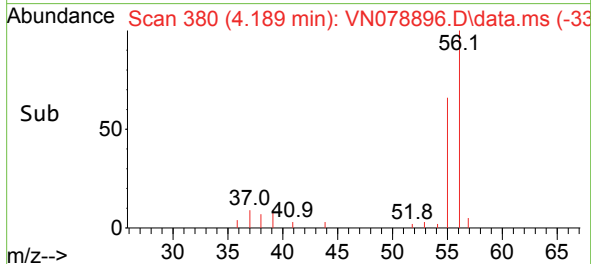
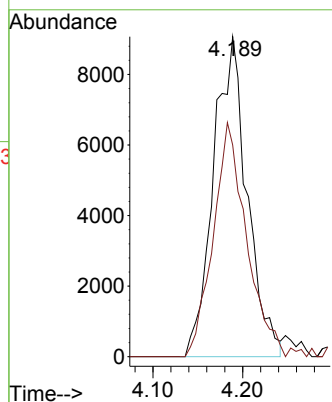
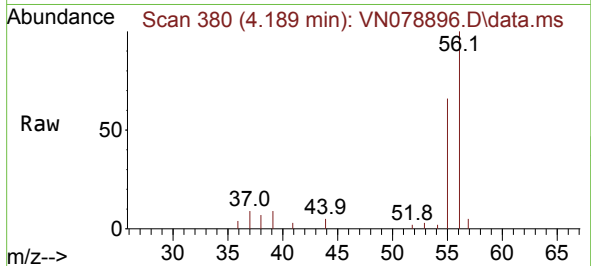




#13
Acrolein
Concen: 100.064 ug/l
RT: 4.189 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

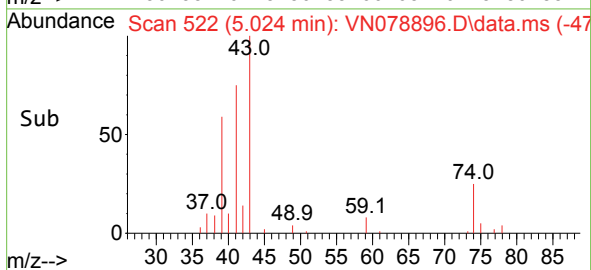
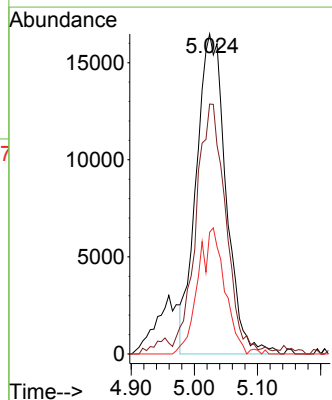
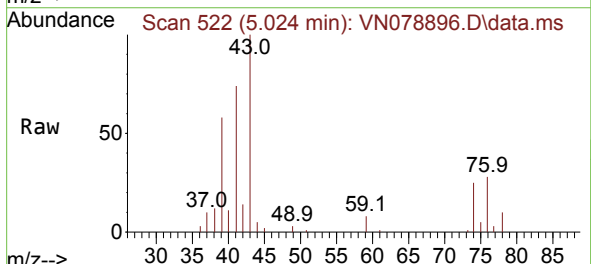
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

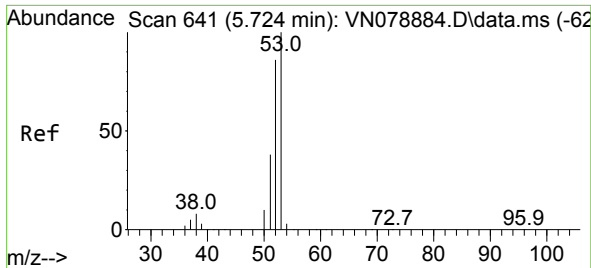
Tgt Ion: 56 Resp: 23657
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7



#14
Allyl chloride
Concen: 16.787 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 41 Resp: 53933
Ion Ratio Lower Upper
41 100
39 78.1 58.8 88.2
76 35.3 39.1 58.7#

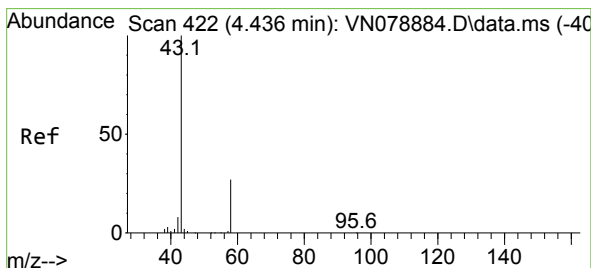
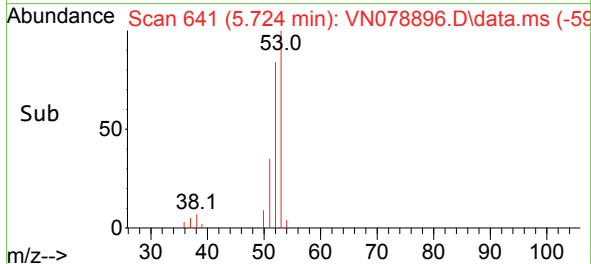
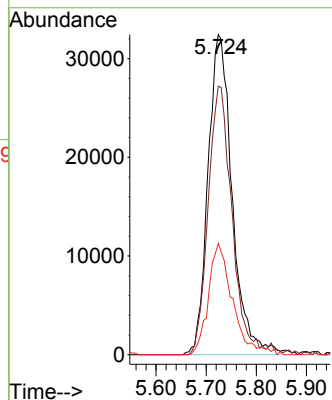
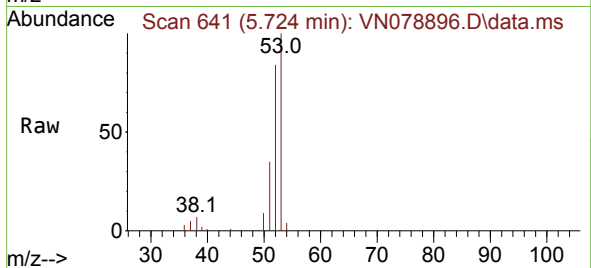




#15
Acrylonitrile
Concen: 102.073 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

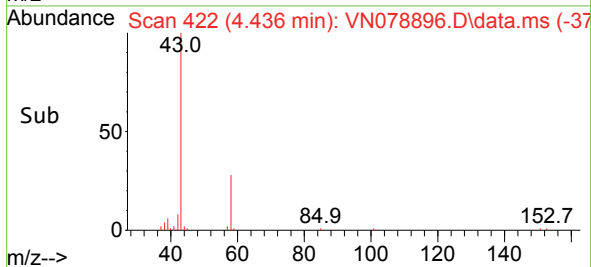
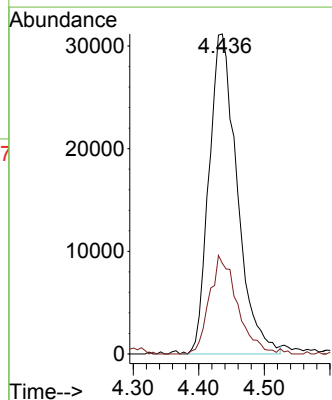
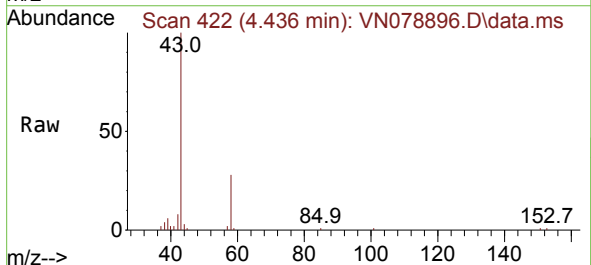
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

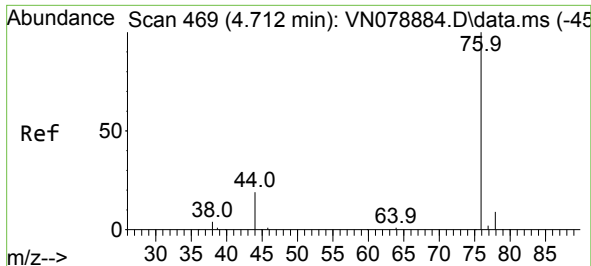
Tgt Ion: 53 Resp: 108568
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 34.7 28.9 43.3



#16
Acetone
Concen: 96.225 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 43 Resp: 92898
Ion Ratio Lower Upper
43 100
58 28.4 28.0 42.0

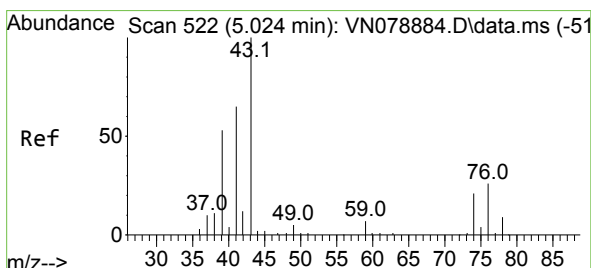
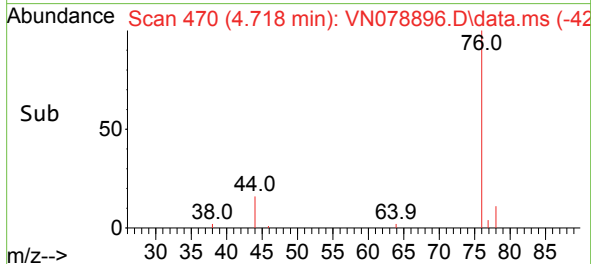
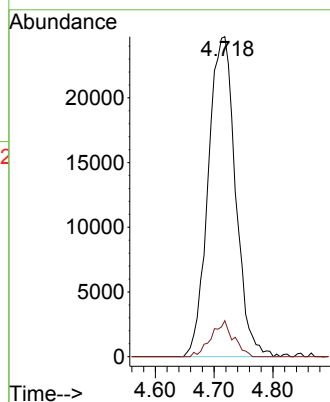
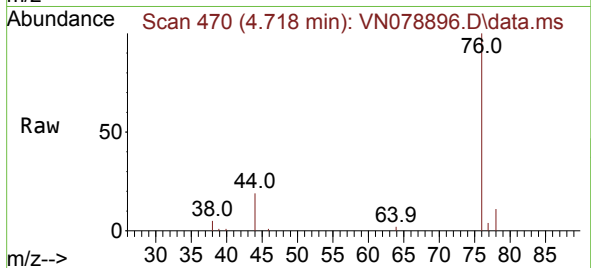




#17
Carbon Disulfide
Concen: 17.647 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

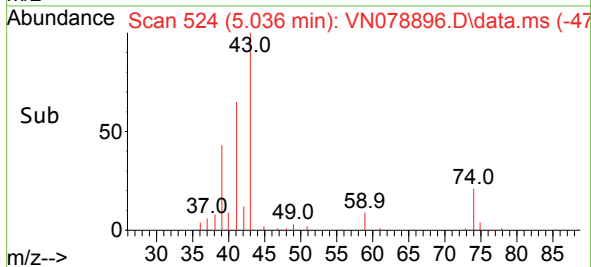
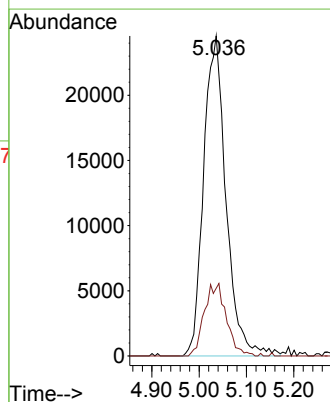
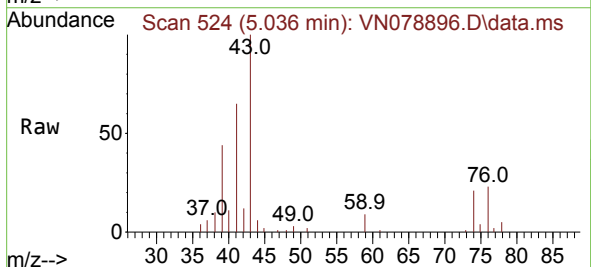
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

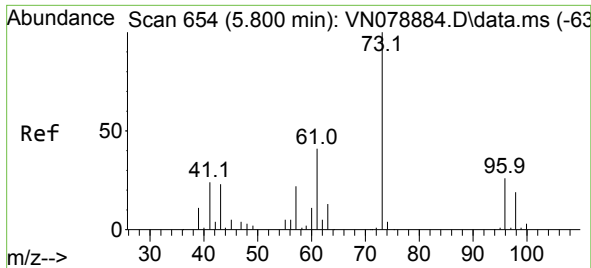
Tgt Ion: 76 Resp: 79740
Ion Ratio Lower Upper
76 100
78 11.3 7.4 11.0#



#18
Methyl Acetate
Concen: 19.810 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 43 Resp: 80795
Ion Ratio Lower Upper
43 100
74 22.3 26.2 39.4#

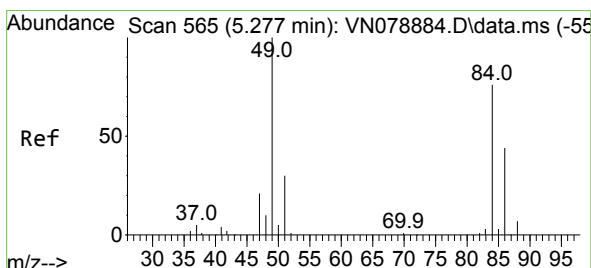
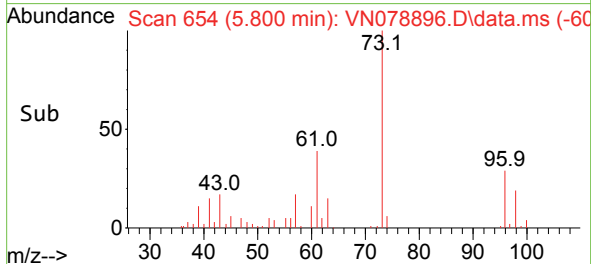
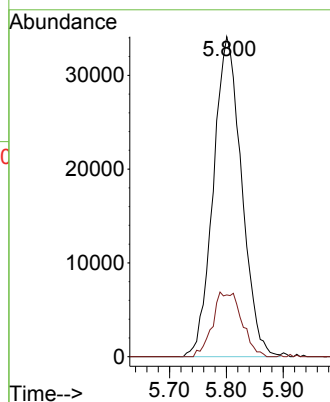
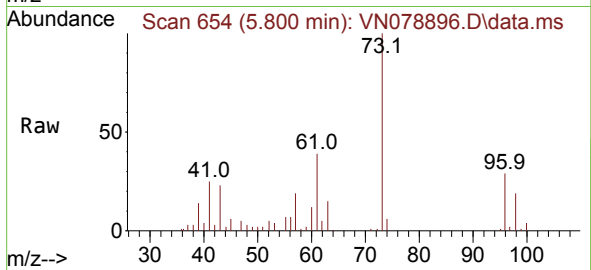




#19
Methyl tert-butyl Ether
Concen: 20.284 ug/l
RT: 5.800 min Scan# 611
Delta R.T. -0.018 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

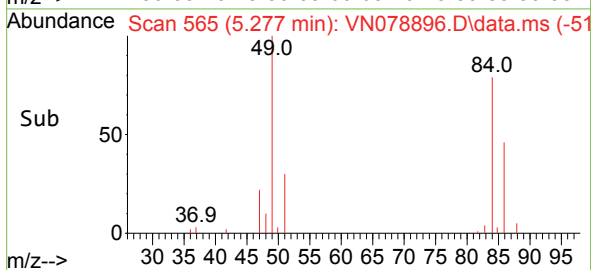
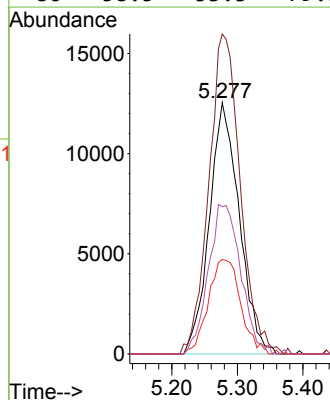
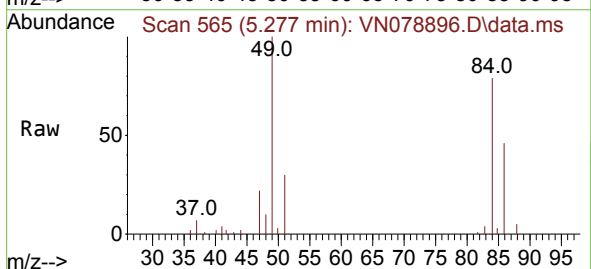
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

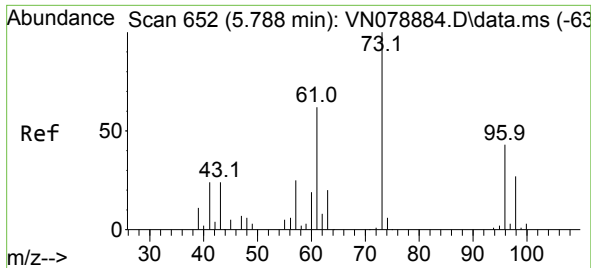
Tgt Ion: 73 Resp: 117948
Ion Ratio Lower Upper
73 100
57 19.3 15.6 23.4



#20
Methylene Chloride
Concen: 19.306 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 84 Resp: 39719
Ion Ratio Lower Upper
84 100
49 127.3 79.7 119.5#
51 37.6 25.2 37.8
86 58.5 53.3 79.9

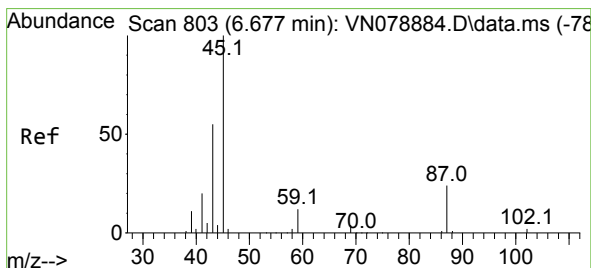
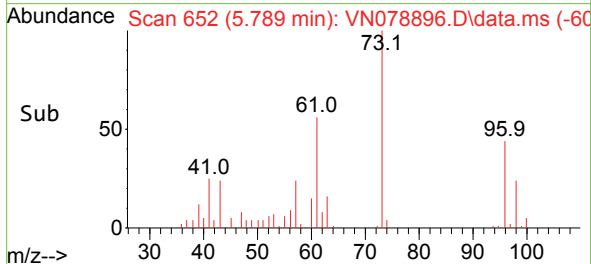
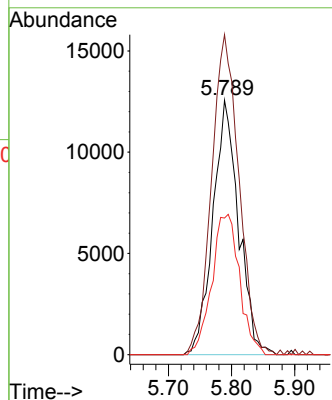
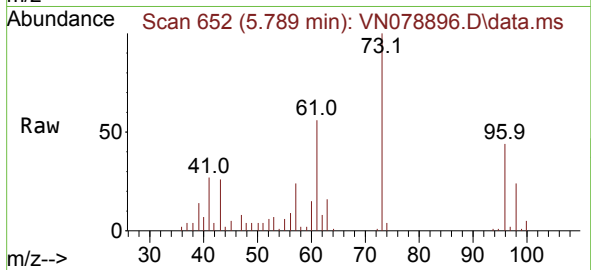




#21
trans-1,2-Dichloroethene
Concen: 19.663 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

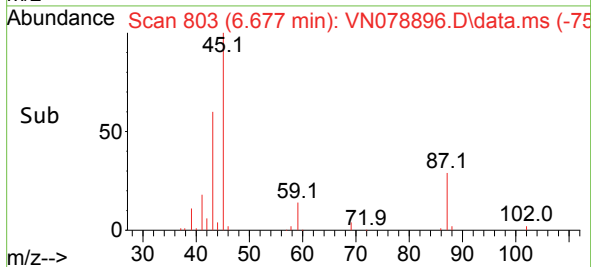
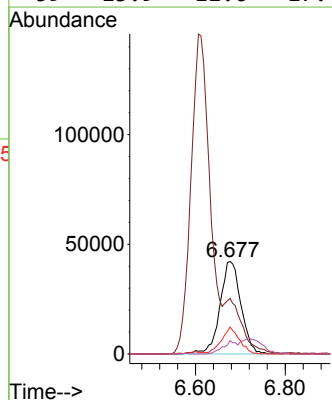
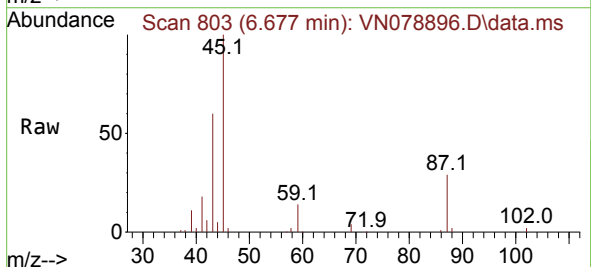
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

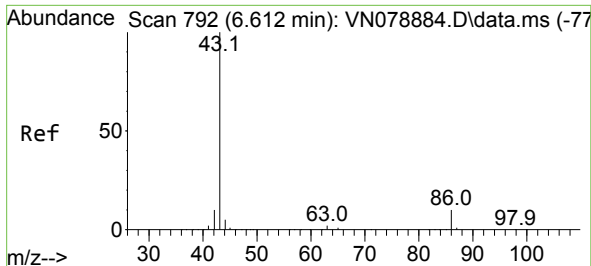
Tgt Ion: 96 Resp: 35594
Ion Ratio Lower Upper
96 100
61 125.7 90.1 135.1
98 53.7 46.4 69.6



#22
Diisopropyl ether
Concen: 20.250 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 45 Resp: 137638
Ion Ratio Lower Upper
45 100
43 59.1 45.5 68.3
87 29.0 31.8 47.8#
59 13.9 11.6 17.4

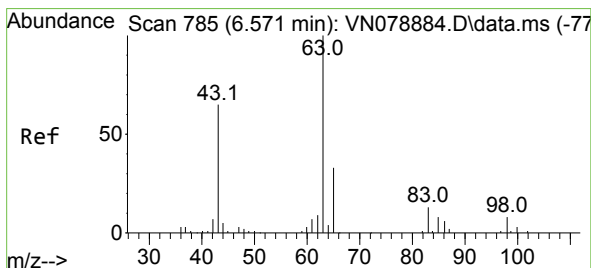
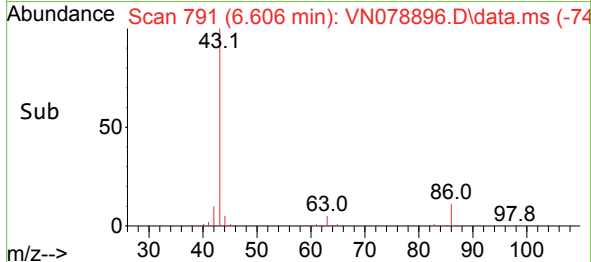
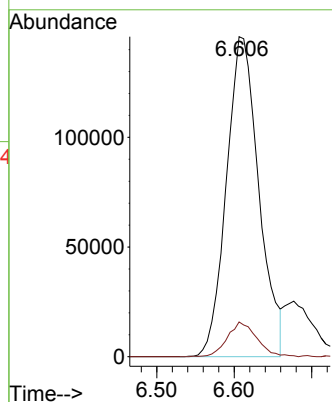
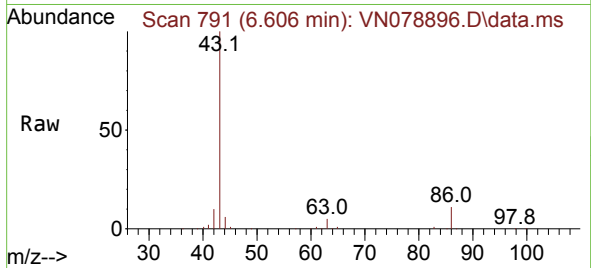




#23
 Vinyl Acetate
 Concen: 95.008 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27

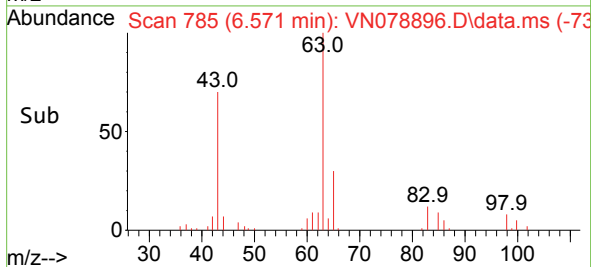
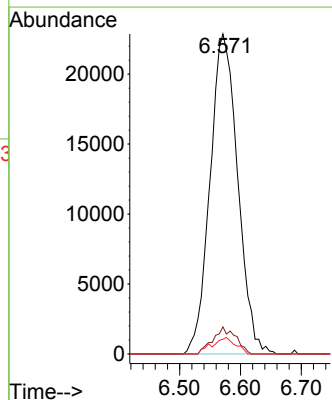
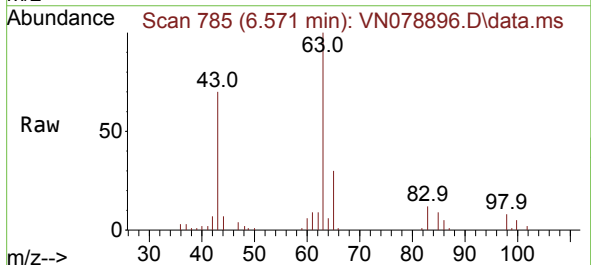
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

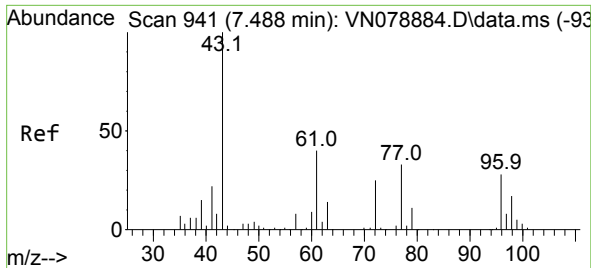
Tgt Ion: 43 Resp: 425190
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.447 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27

Tgt Ion: 63 Resp: 72209
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.7
 100 4.6 2.5 7.4

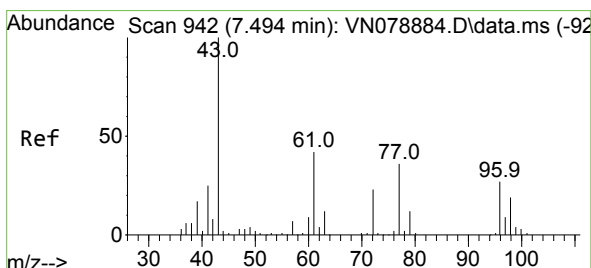
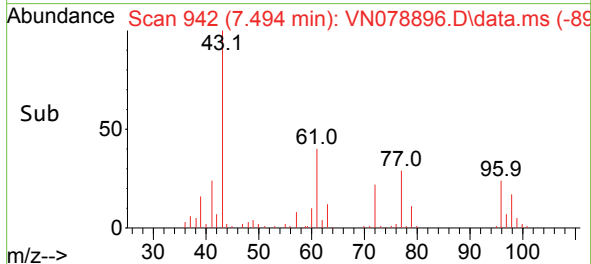
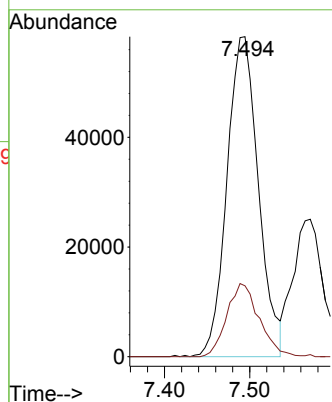
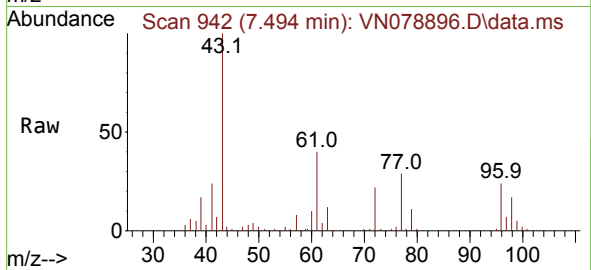




#25
2-Butanone
Concen: 96.860 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

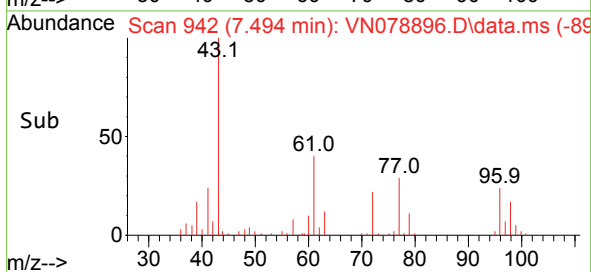
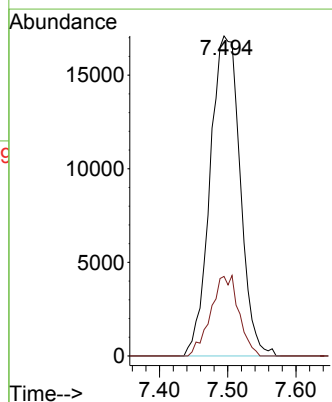
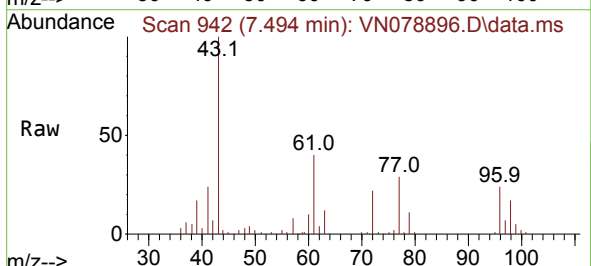
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

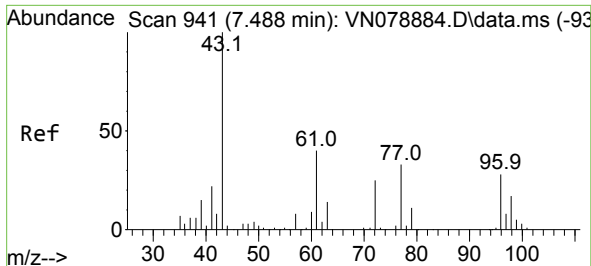
Tgt Ion: 43 Resp: 149924
Ion Ratio Lower Upper
43 100
72 22.2 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 17.474 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 77 Resp: 52447
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6

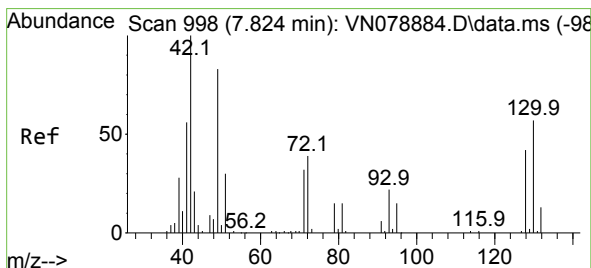
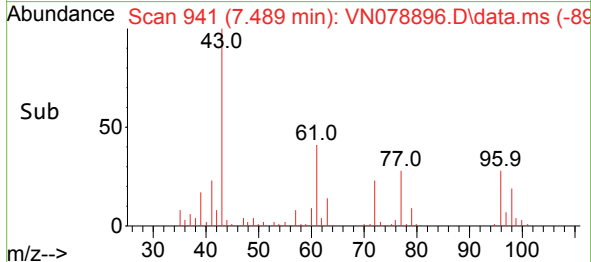
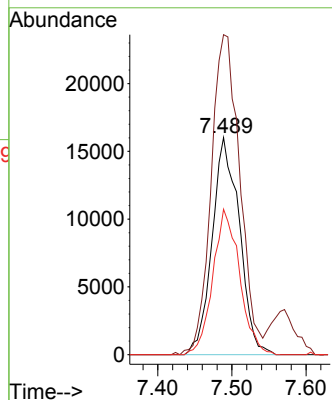
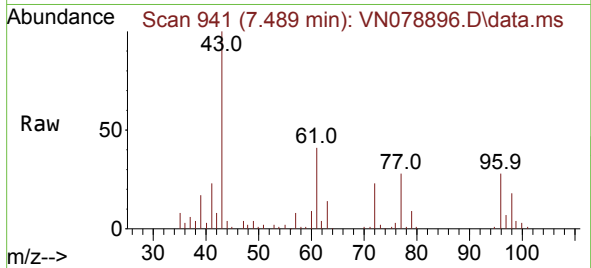




#27
 cis-1,2-Dichloroethene
 Concen: 18.569 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.011 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27

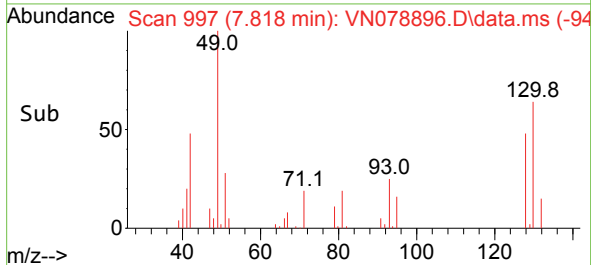
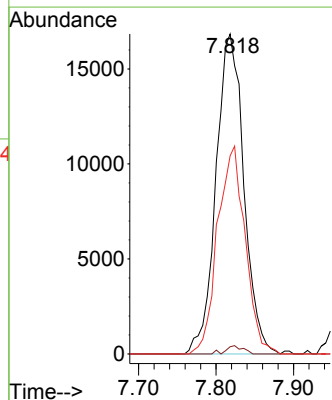
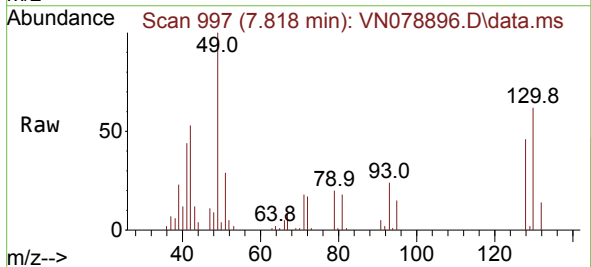
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

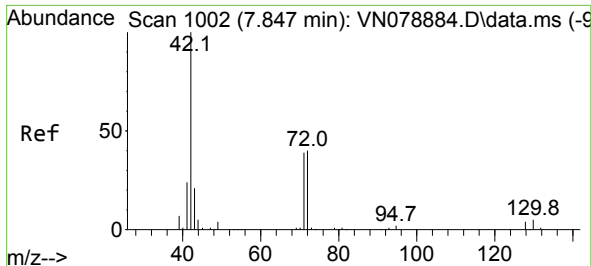
Tgt Ion: 96 Resp: 40855
 Ion Ratio Lower Upper
 96 100
 61 155.6 0.0 255.2
 98 66.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.368 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27

Tgt Ion: 49 Resp: 42088
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.8
 130 64.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 97.774 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

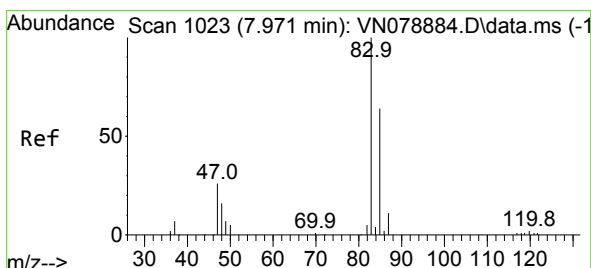
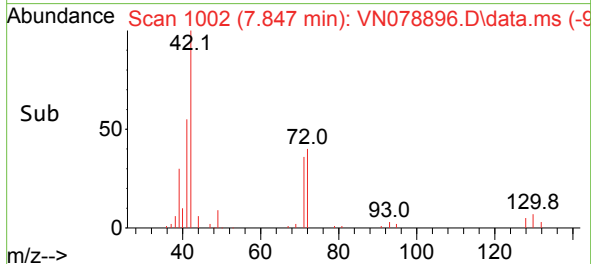
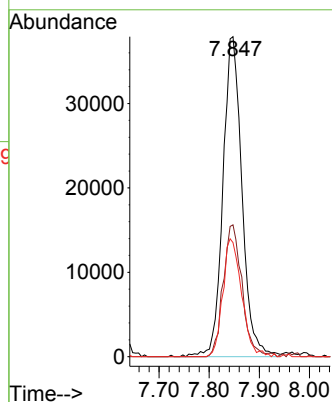
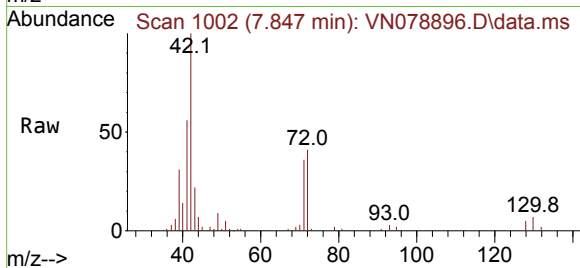
Tgt Ion: 42 Resp: 100170

Ion Ratio Lower Upper

42 100

72 40.8 49.8 74.6#

71 36.4 47.4 71.2#



#30

Chloroform

Concen: 19.802 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078896.D

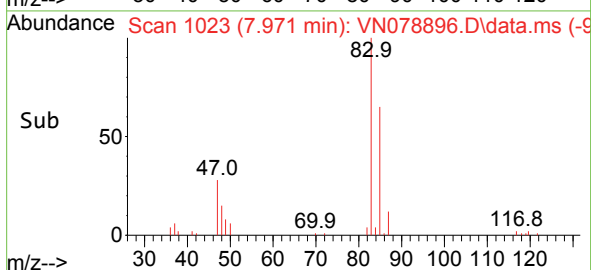
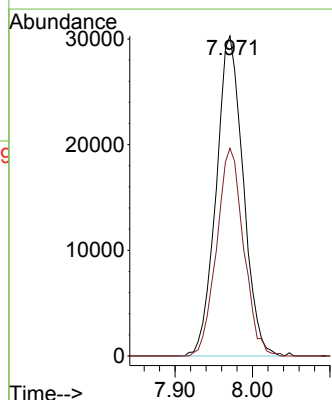
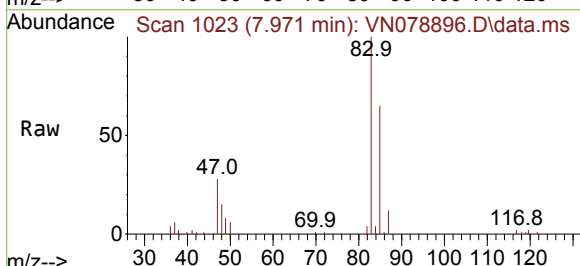
Acq: 16 Aug 2023 12:27

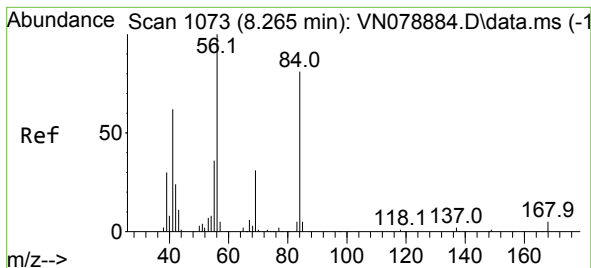
Tgt Ion: 83 Resp: 73458

Ion Ratio Lower Upper

83 100

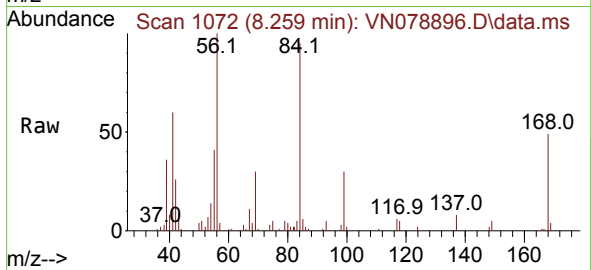
85 64.9 55.4 83.0



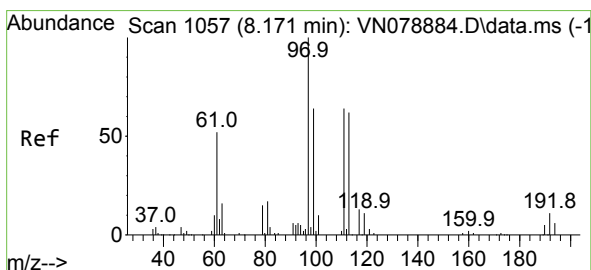
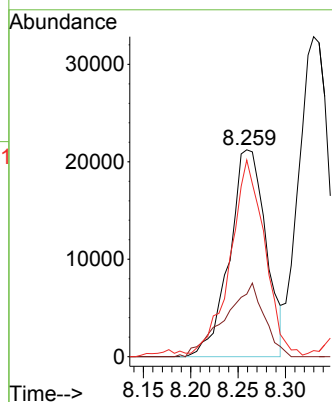
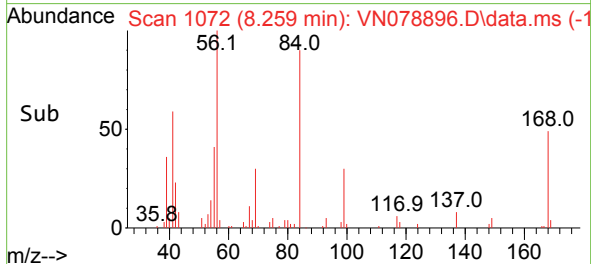


#31
Cyclohexane
Concen: 17.794 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

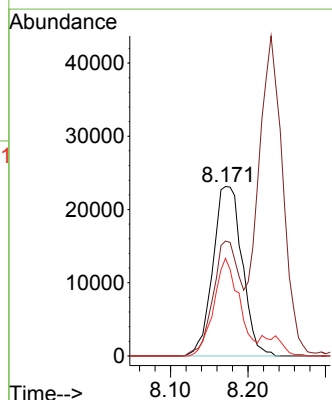
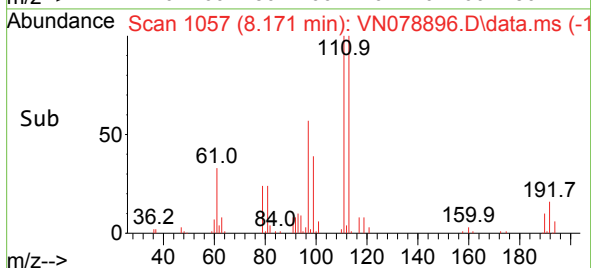
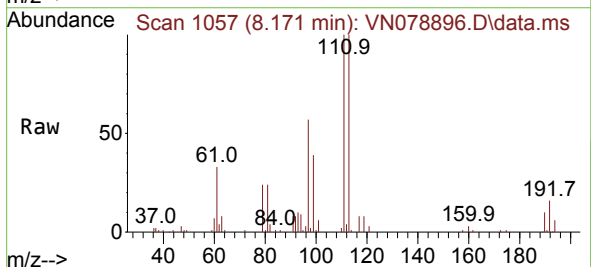


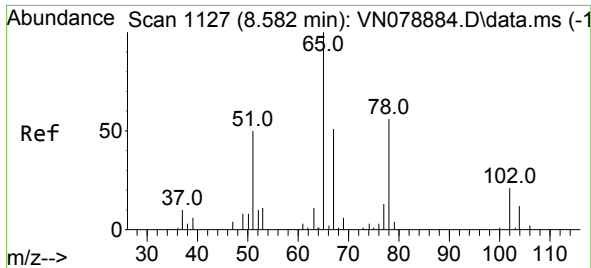
Tgt Ion: 56 Resp: 56888
Ion Ratio Lower Upper
56 100
69 29.3 26.8 40.2
84 92.3 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.232 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 97 Resp: 60830
Ion Ratio Lower Upper
97 100
99 61.5 50.3 75.5
61 50.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.726 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

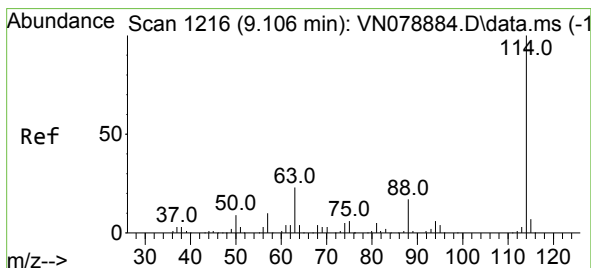
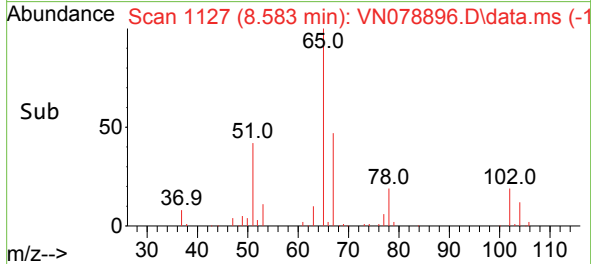
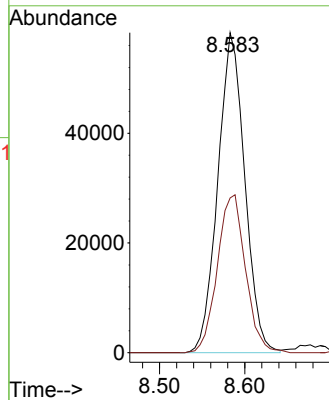
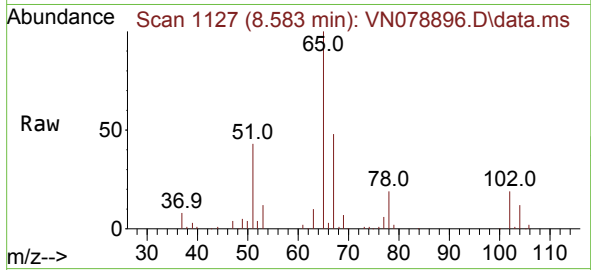
VN0816WBSD01

Tgt Ion: 65 Resp: 128046

Ion Ratio Lower Upper

65 100

67 51.6 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: VN078896.D

Acq: 16 Aug 2023 12:27

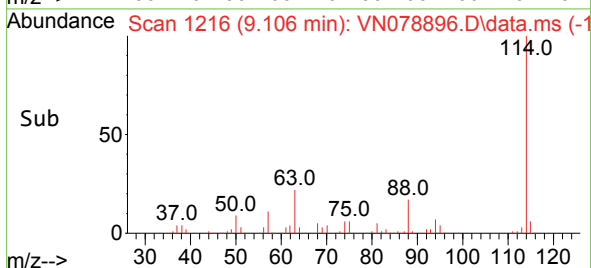
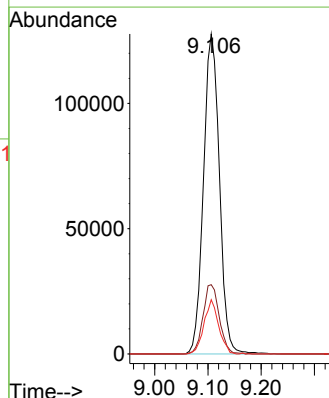
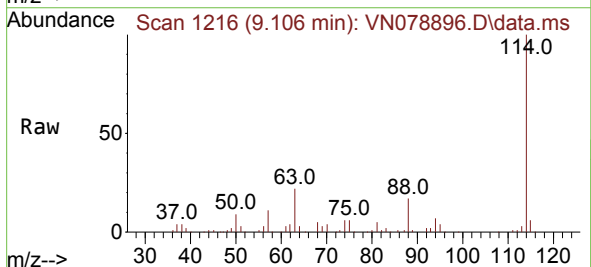
Tgt Ion: 114 Resp: 265092

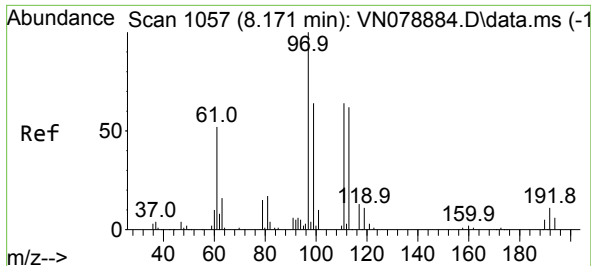
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 16.9 0.0 30.6

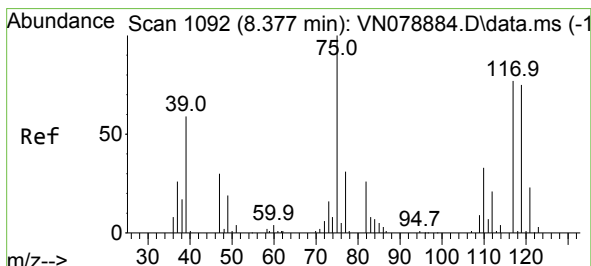
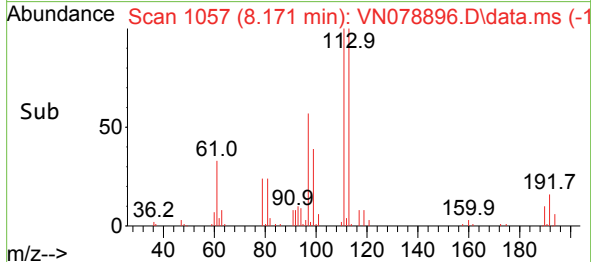
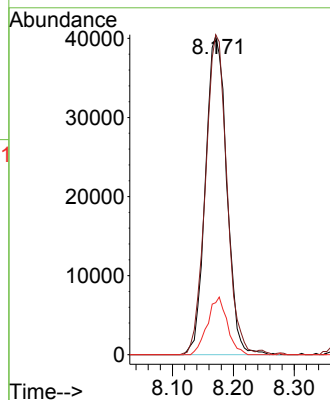
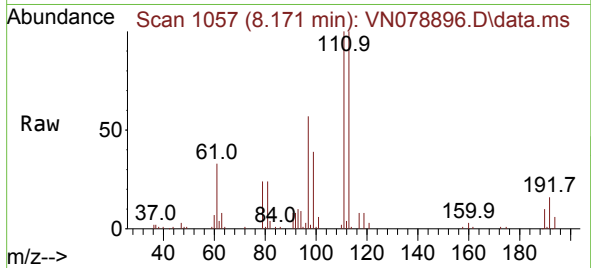




#35
Dibromofluoromethane
Concen: 54.806 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

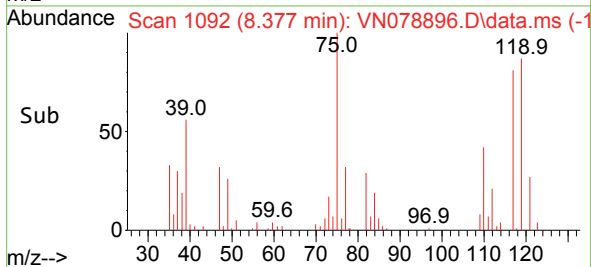
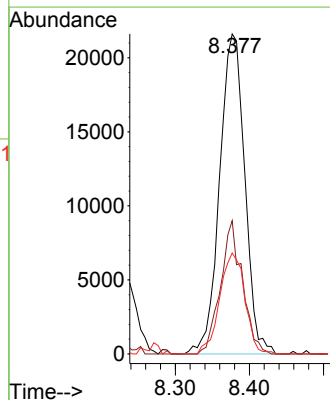
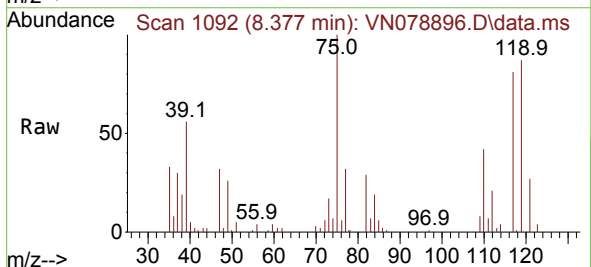
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

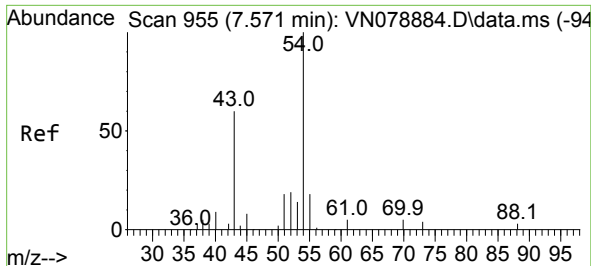
Tgt Ion:113 Resp: 97799
Ion Ratio Lower Upper
113 100
111 101.0 82.6 123.8
192 16.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 18.981 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 75 Resp: 50950
Ion Ratio Lower Upper
75 100
110 36.3 19.1 57.3
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 22.173 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

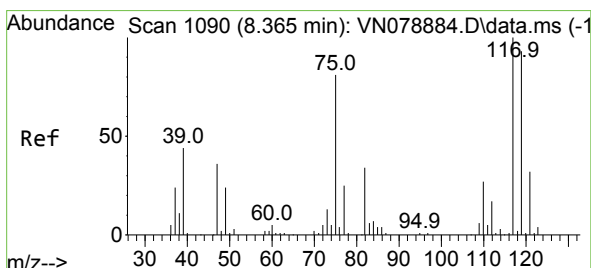
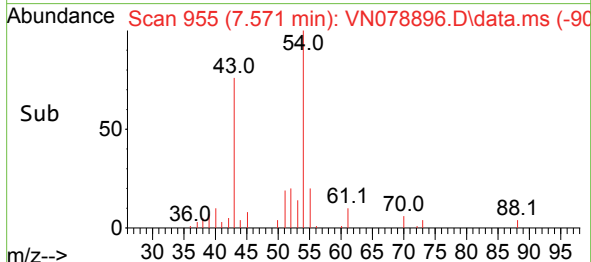
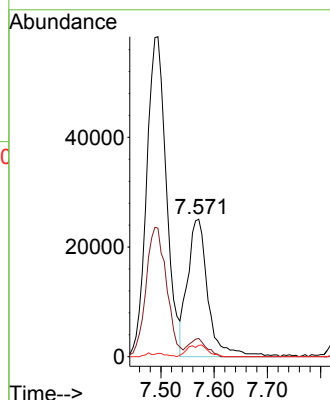
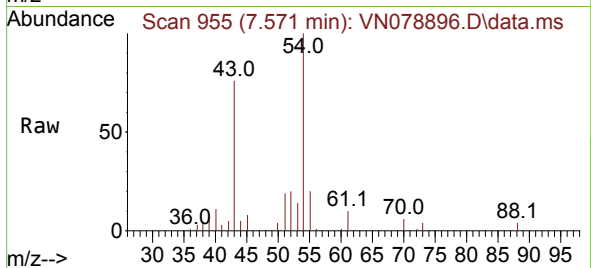
Tgt Ion: 43 Resp: 66593

Ion Ratio Lower Upper

43 100

61 11.5 13.2 19.8#

70 8.5 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 19.517 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

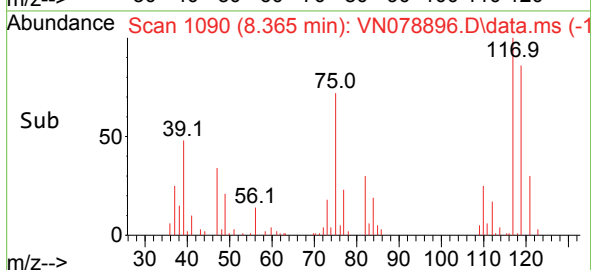
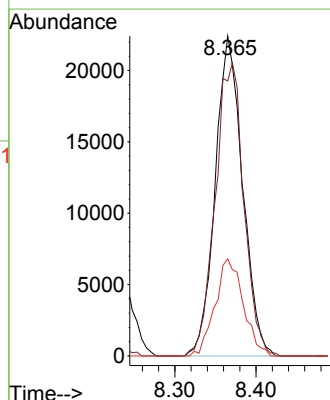
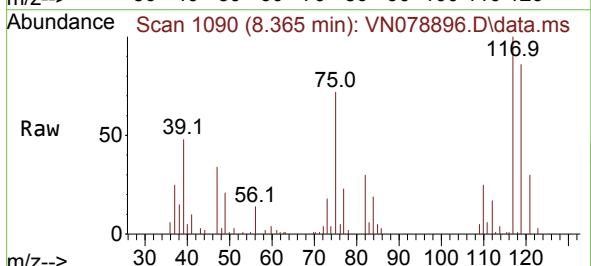
Tgt Ion: 117 Resp: 52494

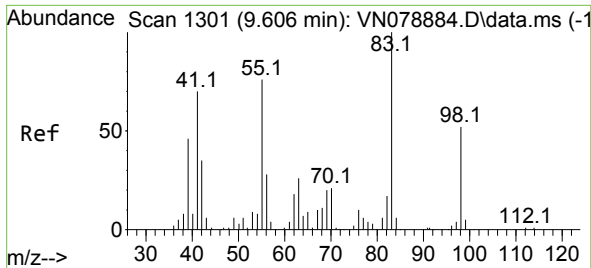
Ion Ratio Lower Upper

117 100

119 85.9 77.3 115.9

121 30.4 23.3 34.9

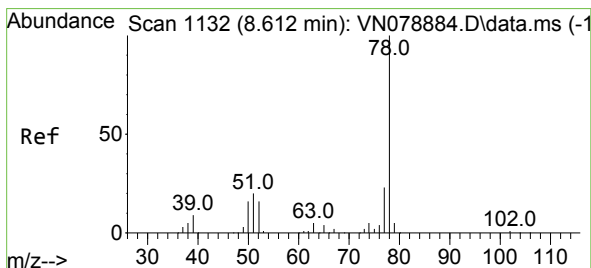
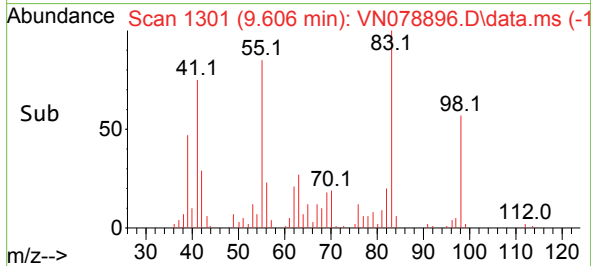
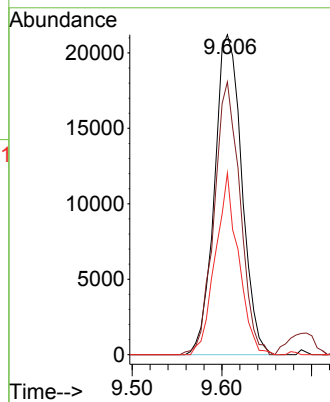
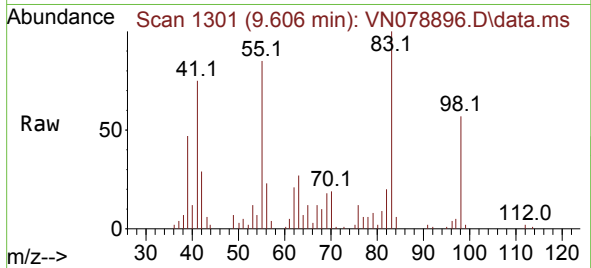




#39
Methylcyclohexane
Concen: 18.134 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

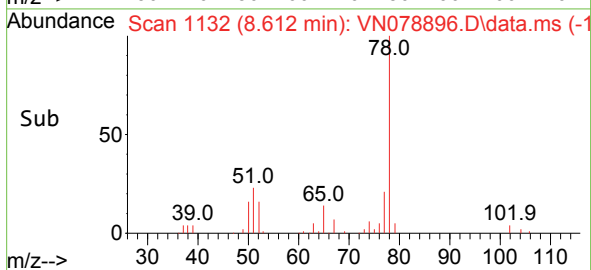
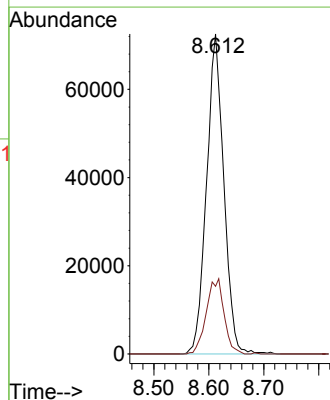
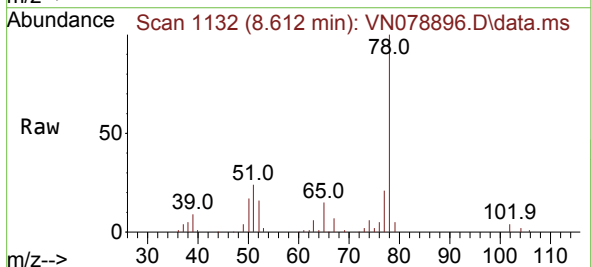
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

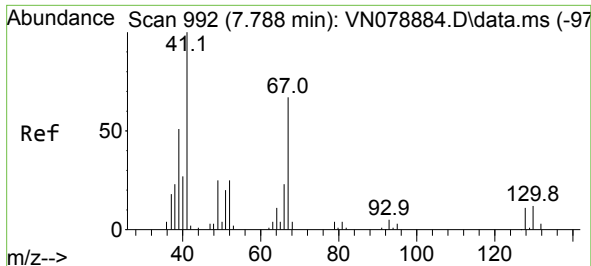
Tgt Ion: 83 Resp: 44768
Ion Ratio Lower Upper
83 100
55 85.3 49.1 73.7#
98 56.7 40.6 61.0



#40
Benzene
Concen: 19.955 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 78 Resp: 158324
Ion Ratio Lower Upper
78 100
77 21.1 19.0 28.6

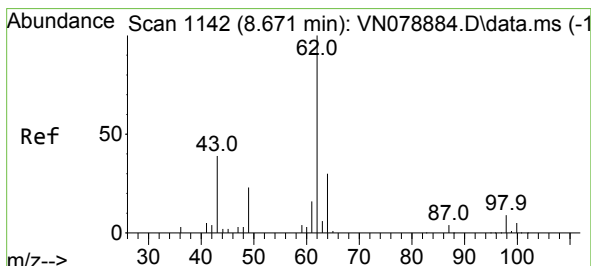
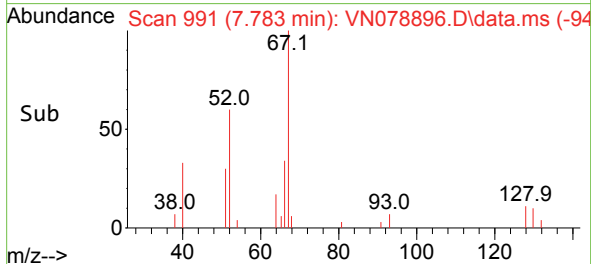
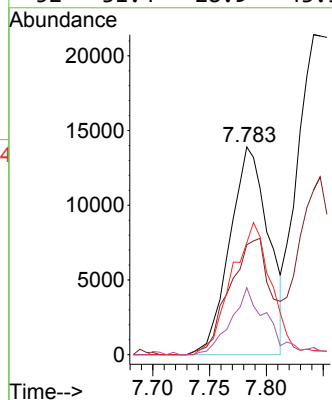
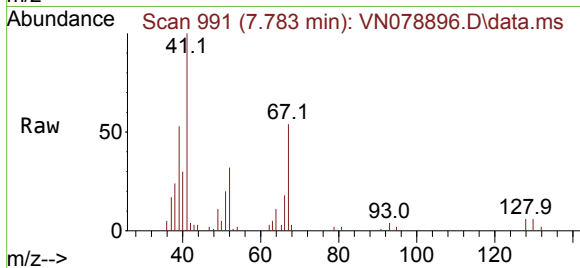




#41
Methacrylonitrile
Concen: 20.137 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

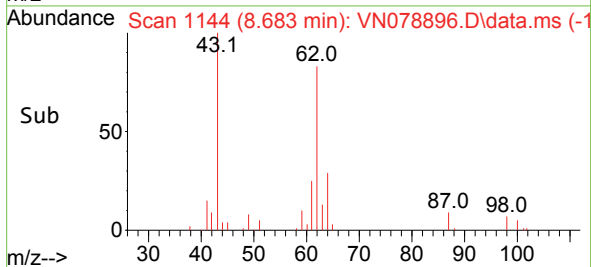
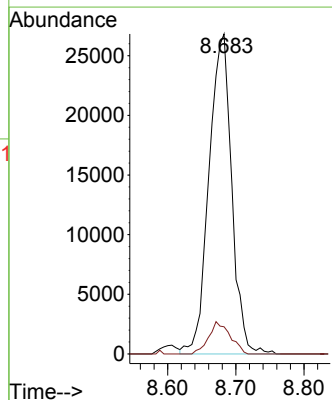
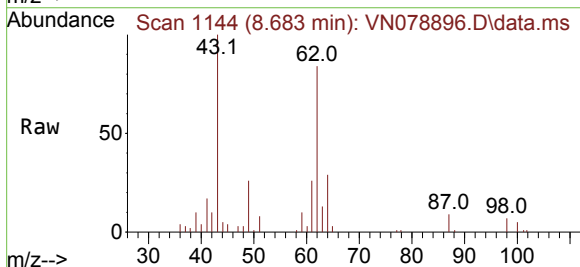
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

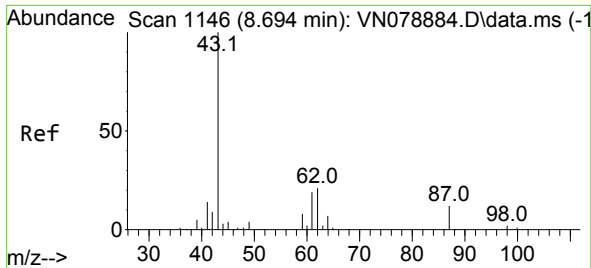
Tgt Ion: 41	Resp: 32939
Ion Ratio	Lower Upper
41 100	
39 59.3	42.6 64.0
67 66.5	77.5 116.3#
52 31.4	28.9 43.3



#42
1,2-Dichloroethane
Concen: 21.009 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 62	Resp: 62276
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 19.8

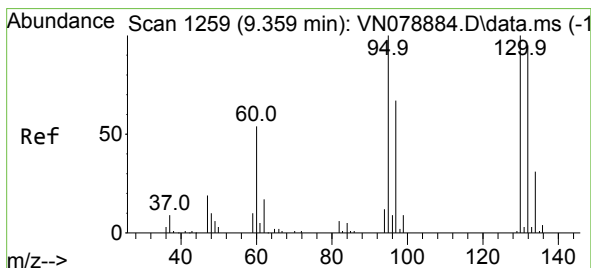
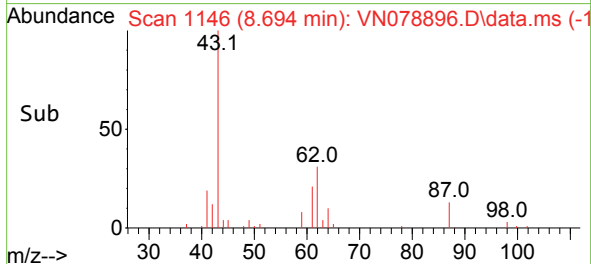
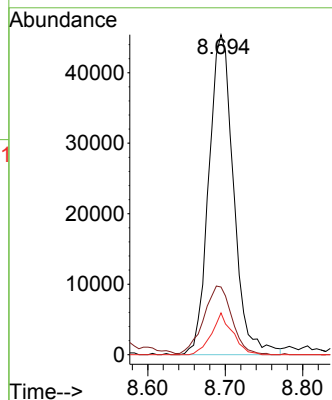
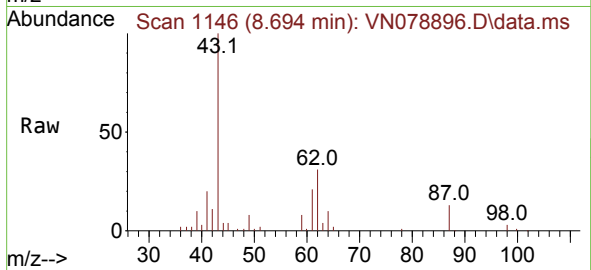




#43
Isopropyl Acetate
Concen: 18.990 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

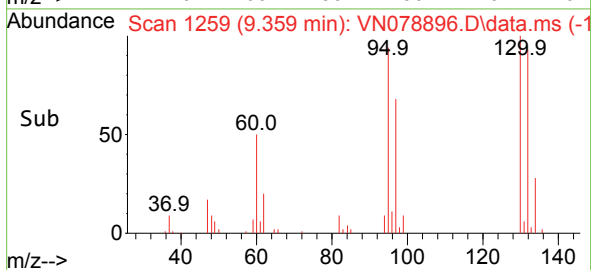
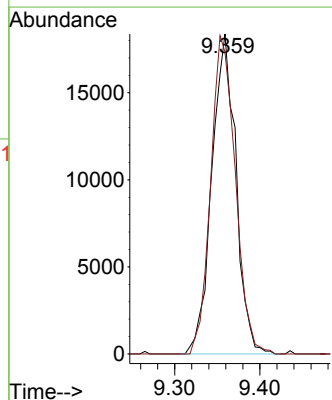
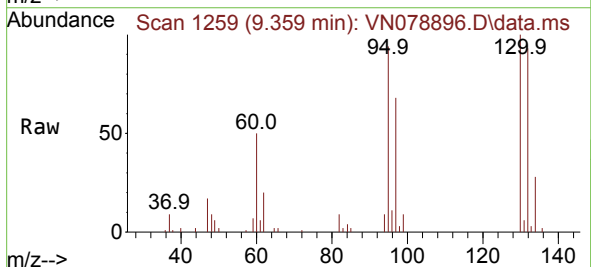
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

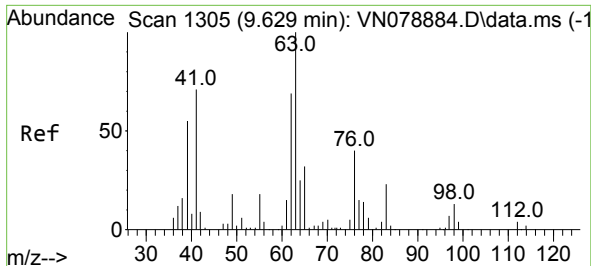
Tgt Ion: 43 Resp: 100806
Ion Ratio Lower Upper
43 100
61 24.6 24.7 37.1#
87 11.1 14.6 21.8#



#44
Trichloroethene
Concen: 19.157 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion:130 Resp: 36116
Ion Ratio Lower Upper
130 100
95 94.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.368 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

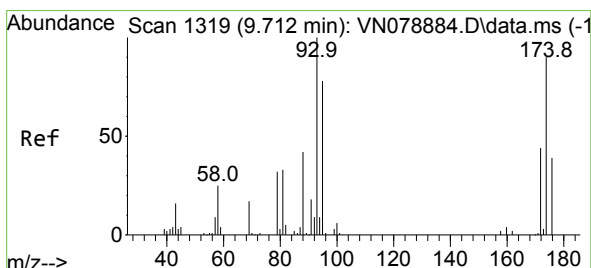
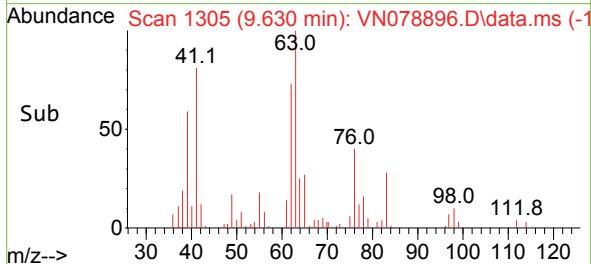
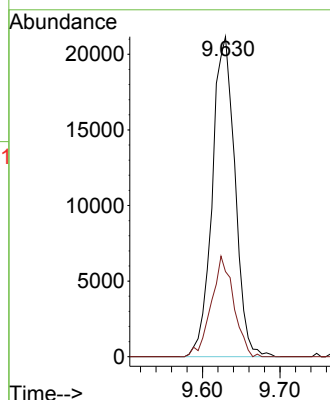
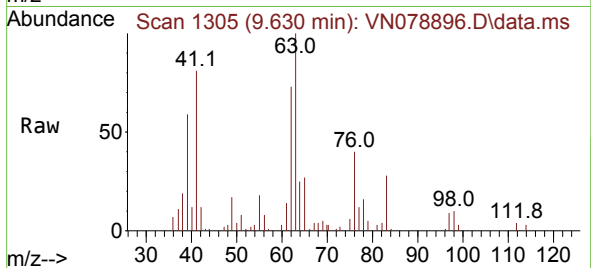
VN0816WBSD01

Tgt Ion: 63 Resp: 43026

Ion Ratio Lower Upper

63 100

65 26.6 23.9 35.9



#46

Dibromomethane

Concen: 20.311 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

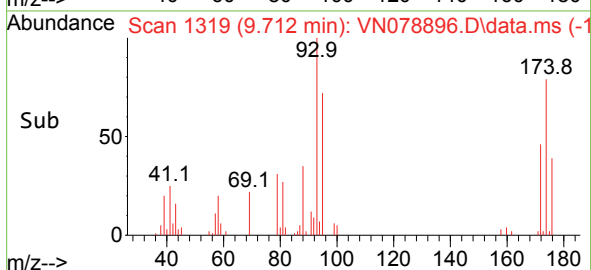
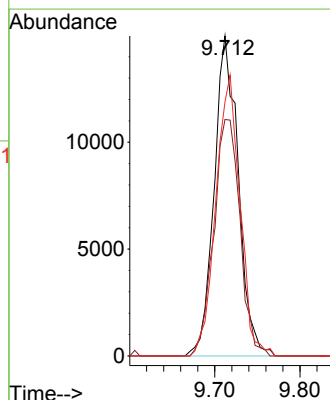
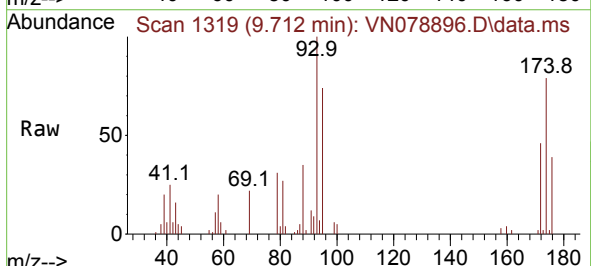
Tgt Ion: 93 Resp: 29429

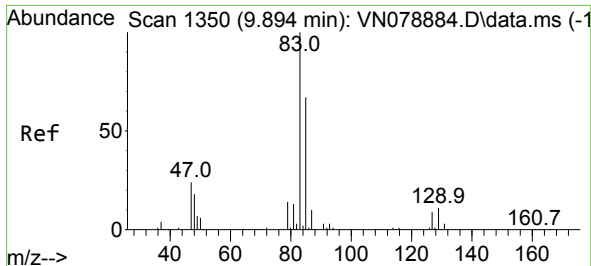
Ion Ratio Lower Upper

93 100

95 80.0 63.8 95.8

174 88.0 65.6 98.4

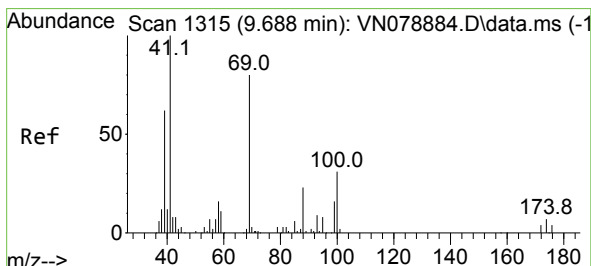
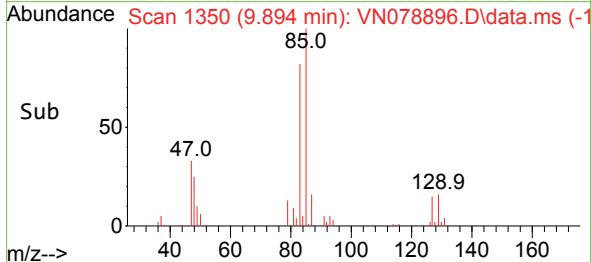
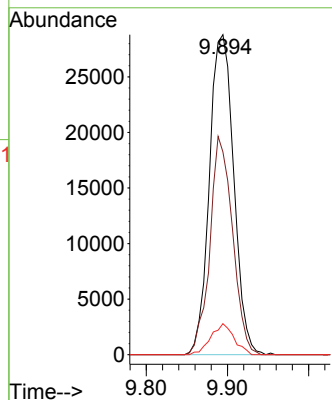
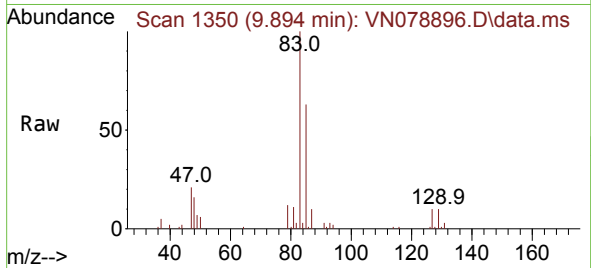




#47
Bromodichloromethane
Concen: 20.978 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

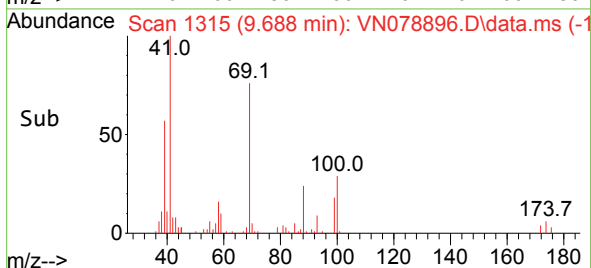
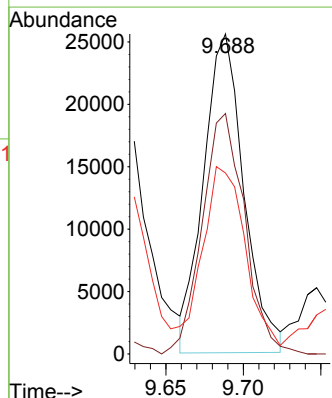
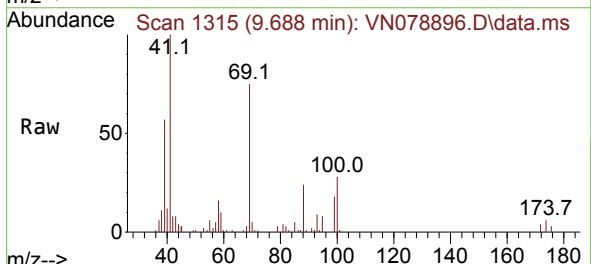
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

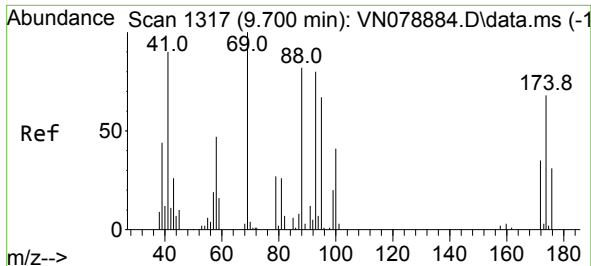
Tgt Ion: 83 Resp: 60020
Ion Ratio Lower Upper
83 100
85 63.3 49.6 74.4
127 9.7 7.0 10.6



#48
Methyl methacrylate
Concen: 19.199 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 41 Resp: 46182
Ion Ratio Lower Upper
41 100
69 79.4 90.4 135.6#
39 62.8 54.6 81.8





#49

1,4-Dioxane

Concen: 405.442 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

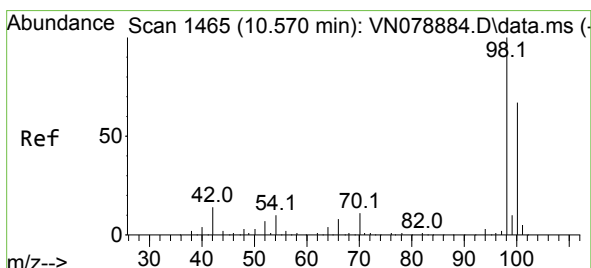
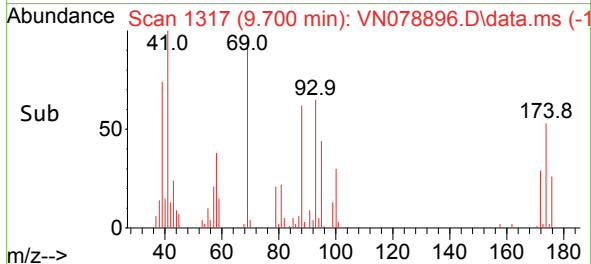
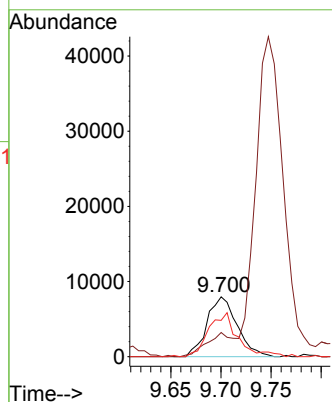
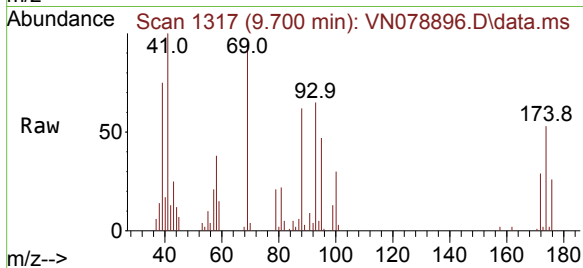
Tgt Ion: 88 Resp: 16612

Ion Ratio Lower Upper

88 100

43 33.8 17.0 25.6#

58 72.1 47.0 70.4#



#50

Toluene-d8

Concen: 55.048 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078896.D

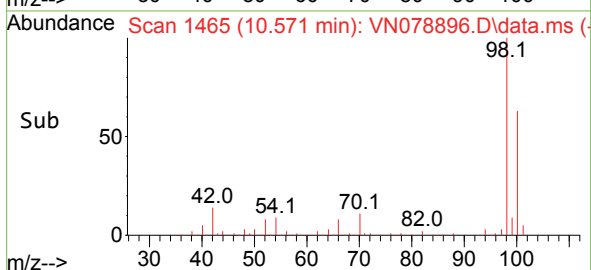
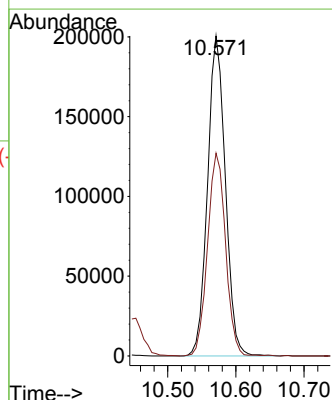
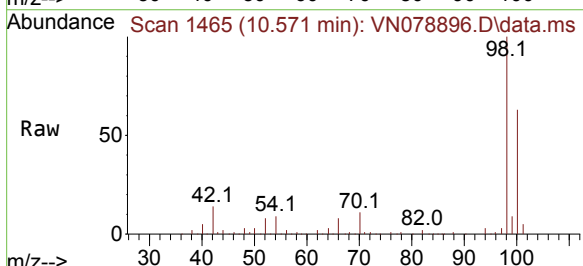
Acq: 16 Aug 2023 12:27

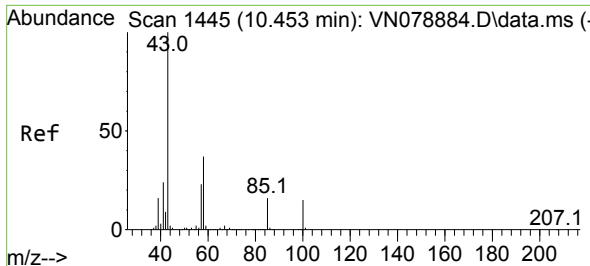
Tgt Ion: 98 Resp: 364737

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

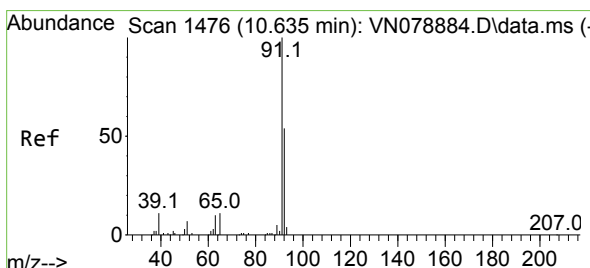
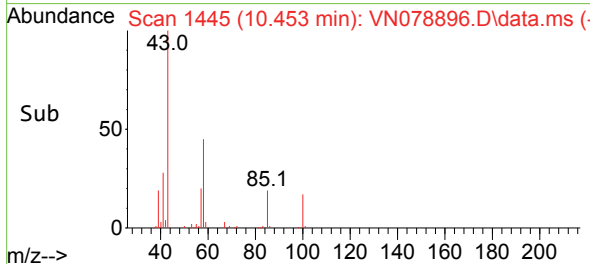
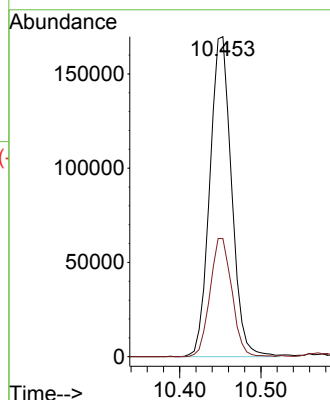
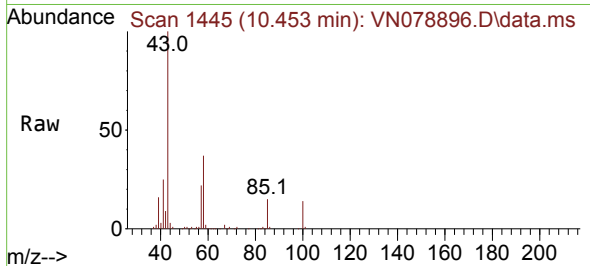




#51
4-Methyl-2-Pentanone
Concen: 100.628 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

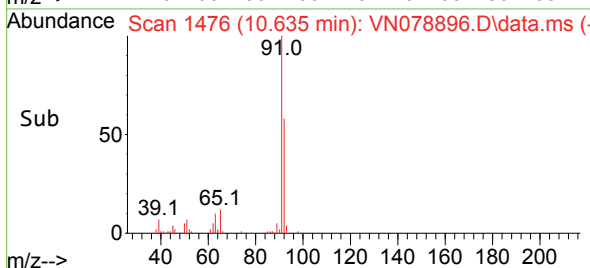
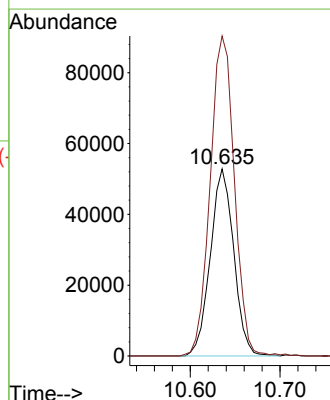
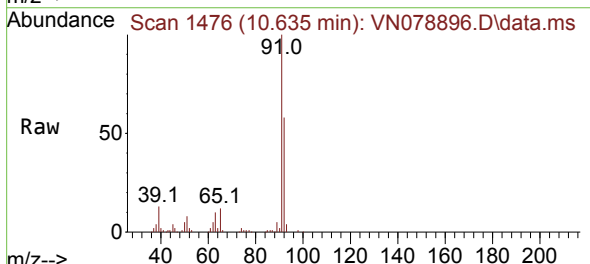
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

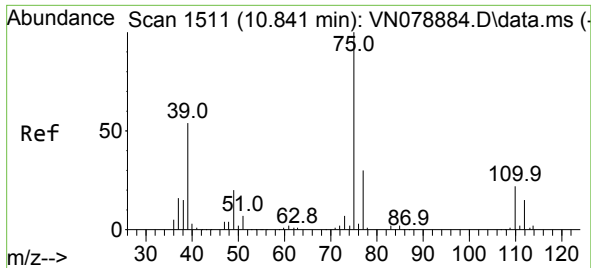
Tgt Ion: 43 Resp: 316817
Ion Ratio Lower Upper
43 100
58 37.0 36.6 54.8



#52
Toluene
Concen: 19.686 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 92 Resp: 95894
Ion Ratio Lower Upper
92 100
91 176.9 137.4 206.0

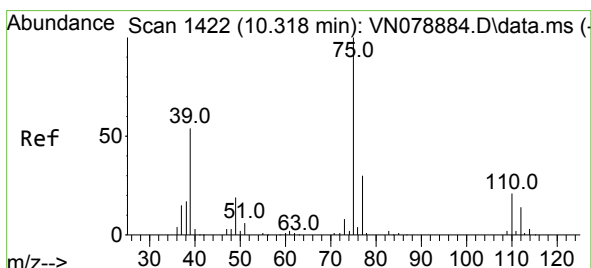
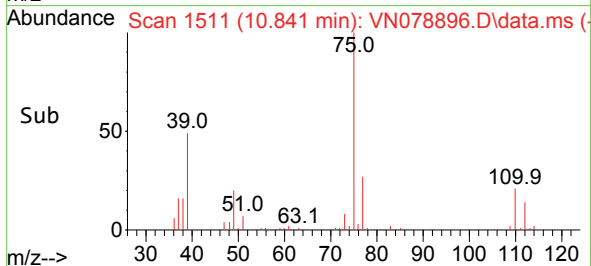
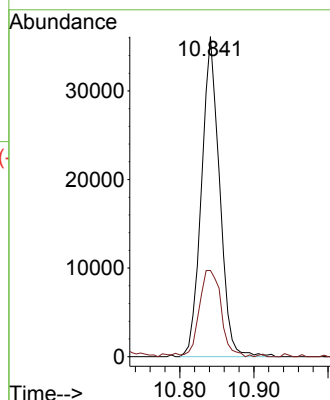
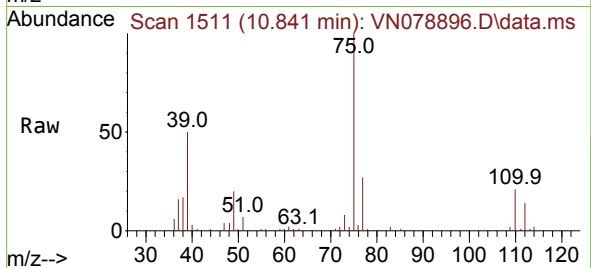




#53
 t-1,3-Dichloropropene
 Concen: 19.948 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27

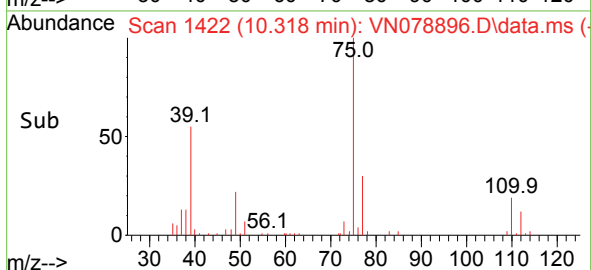
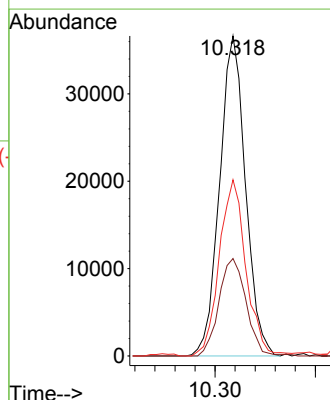
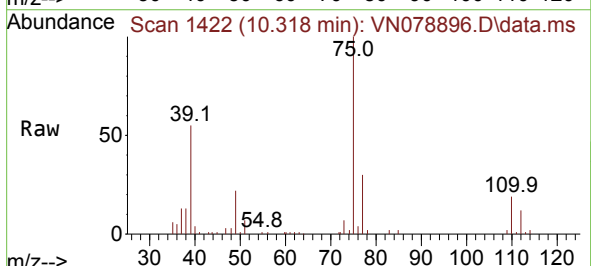
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

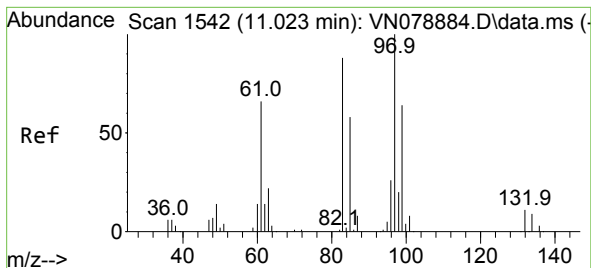
Tgt Ion: 75 Resp: 61205
 Ion Ratio Lower Upper
 75 100
 77 26.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.618 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27

Tgt Ion: 75 Resp: 65555
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.1 39.1
 39 55.0 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 21.130 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

Tgt Ion: 97 Resp: 41270

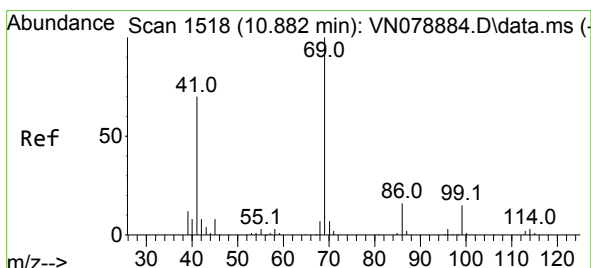
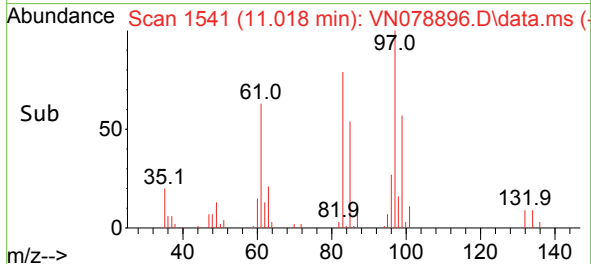
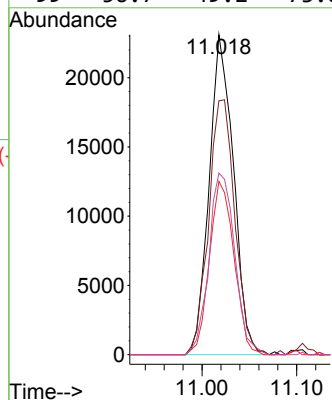
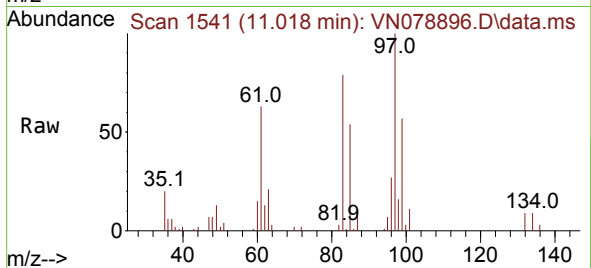
Ion Ratio Lower Upper

97 100

83 79.4 65.1 97.7

85 54.1 43.4 65.2

99 56.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.317 ug/l

RT: 10.883 min Scan# 1518

Delta R.T. 0.005 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

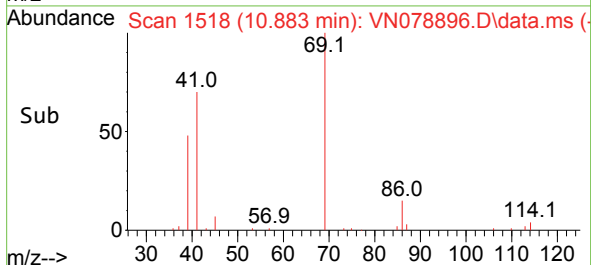
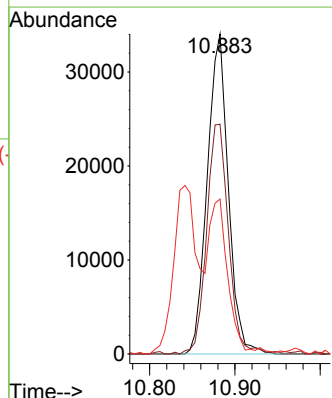
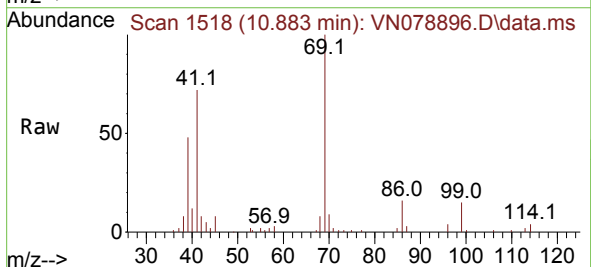
Tgt Ion: 69 Resp: 58487

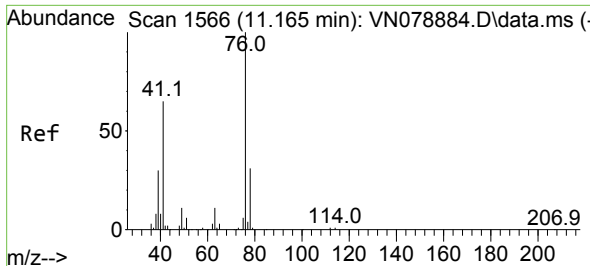
Ion Ratio Lower Upper

69 100

41 74.3 39.6 59.4#

39 42.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.516 ug/l

RT: 11.171 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

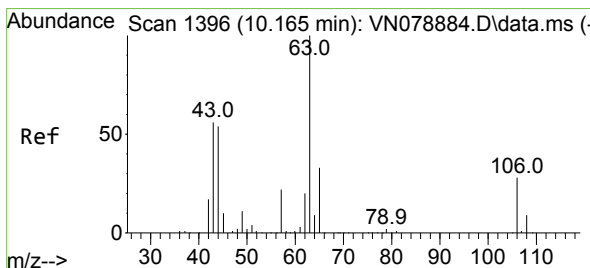
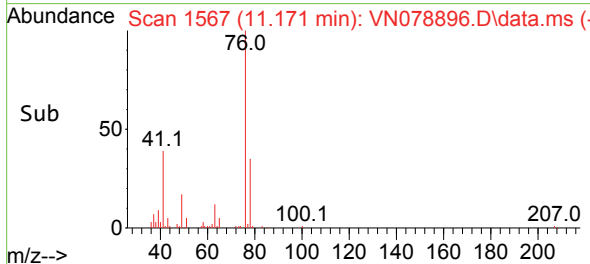
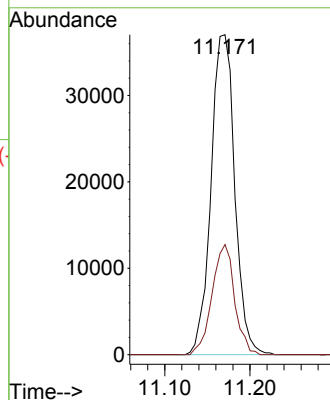
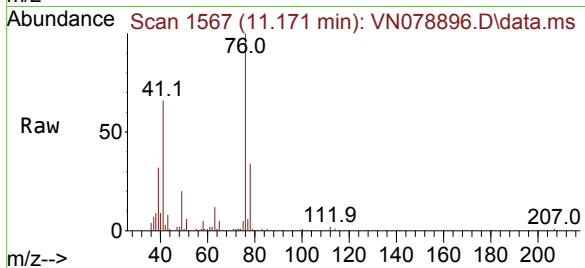
VN0816WBSD01

Tgt Ion: 76 Resp: 71673

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 104.741 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078896.D

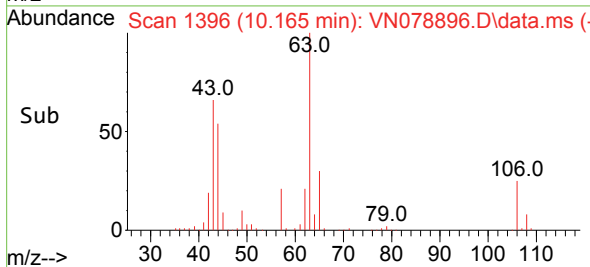
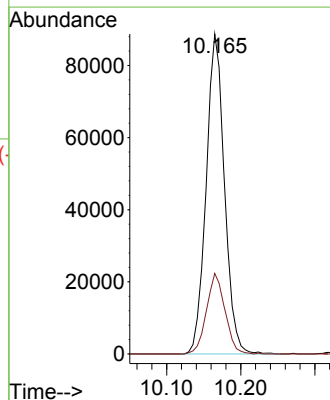
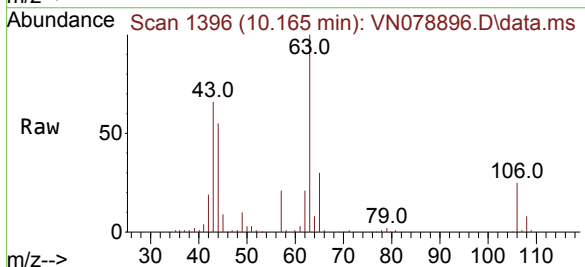
Acq: 16 Aug 2023 12:27

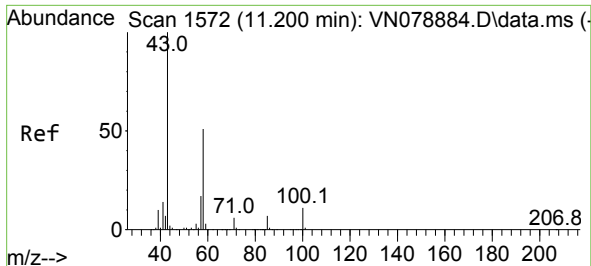
Tgt Ion: 63 Resp: 152229

Ion Ratio Lower Upper

63 100

106 25.4 26.2 39.4#





#59

2-Hexanone

Concen: 98.504 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

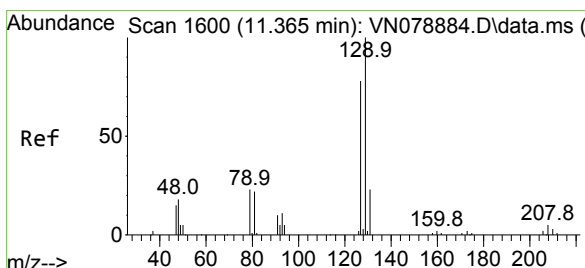
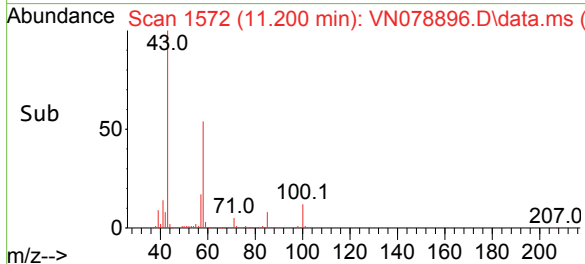
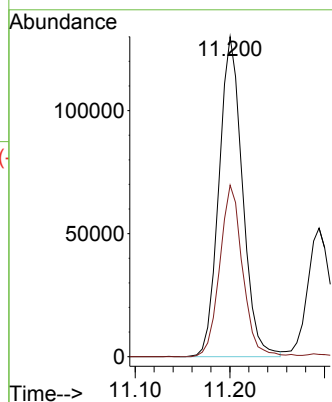
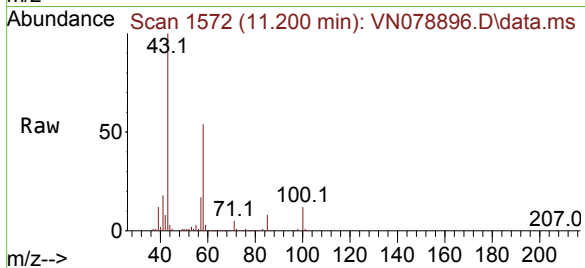
VN0816WBSD01

Tgt Ion: 43 Resp: 224627

Ion Ratio Lower Upper

43 100

58 52.2 31.7 95.1



#60

Dibromochloromethane

Concen: 20.110 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VN078896.D

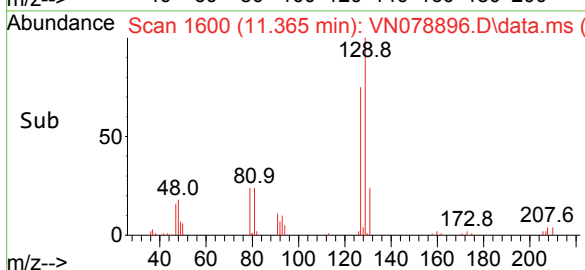
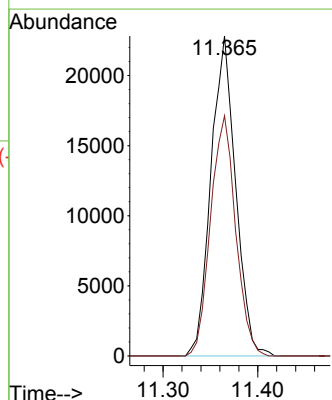
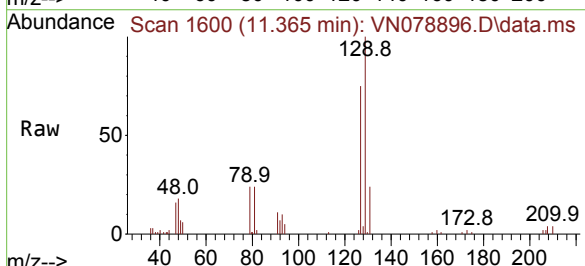
Acq: 16 Aug 2023 12:27

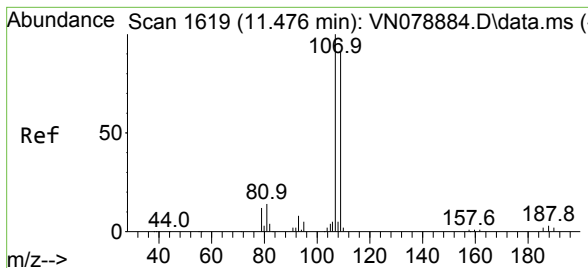
Tgt Ion: 129 Resp: 41334

Ion Ratio Lower Upper

129 100

127 76.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.980 ug/l

RT: 11.477 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

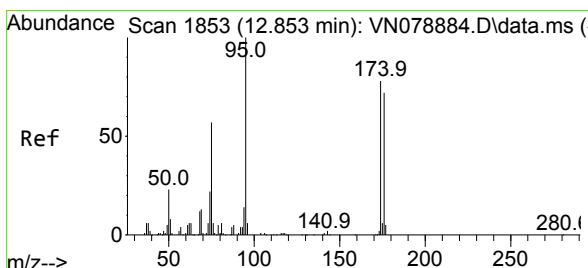
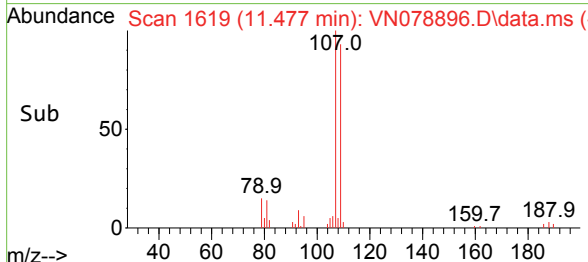
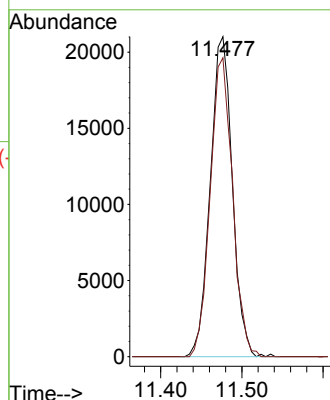
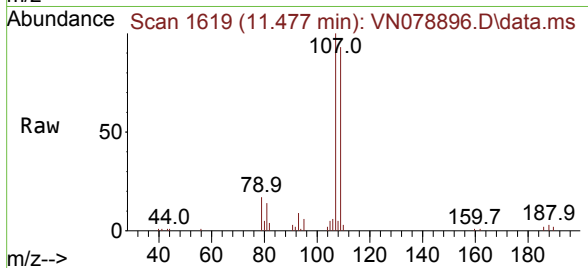
VN0816WBSD01

Tgt Ion:107 Resp: 39658

Ion Ratio Lower Upper

107 100

109 94.5 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 53.037 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

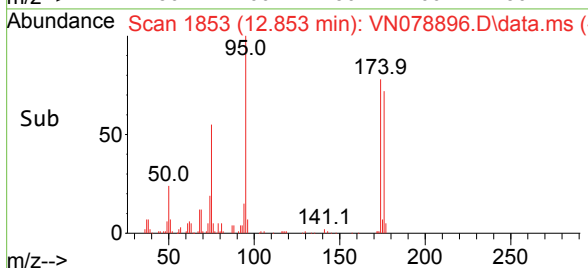
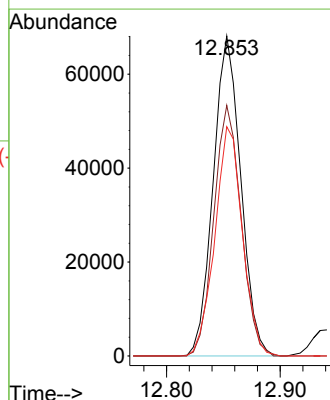
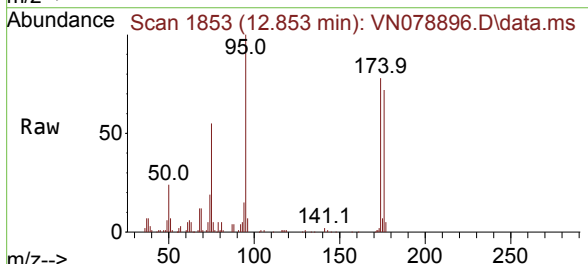
Tgt Ion: 95 Resp: 114864

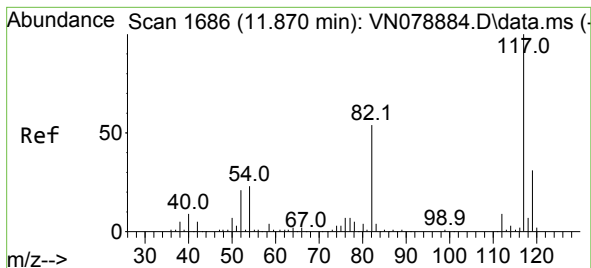
Ion Ratio Lower Upper

95 100

174 77.4 0.0 143.8

176 71.6 0.0 135.8

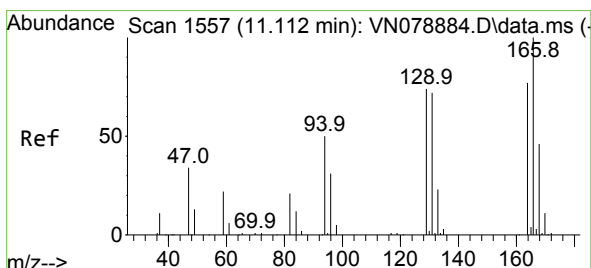
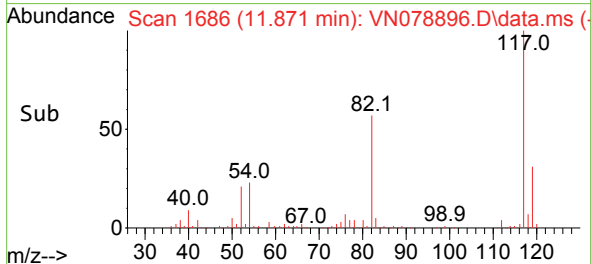
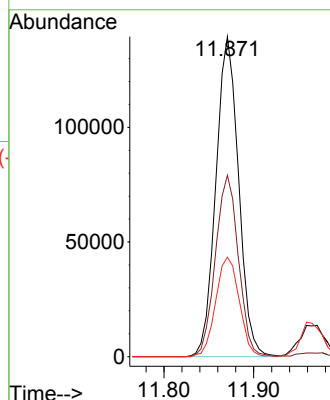
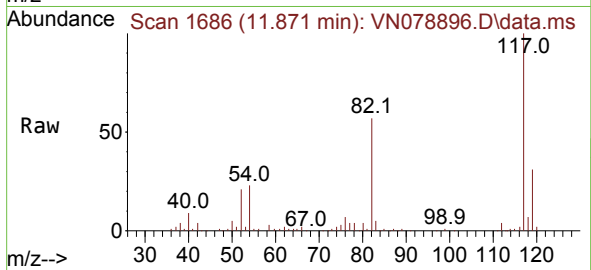




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

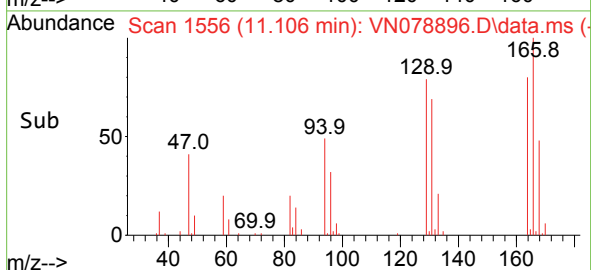
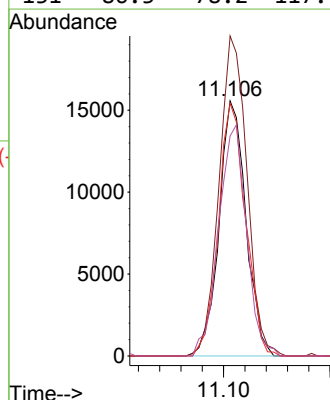
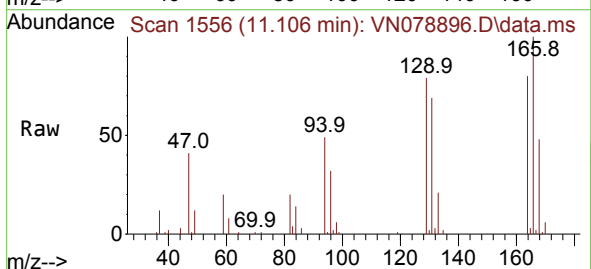
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

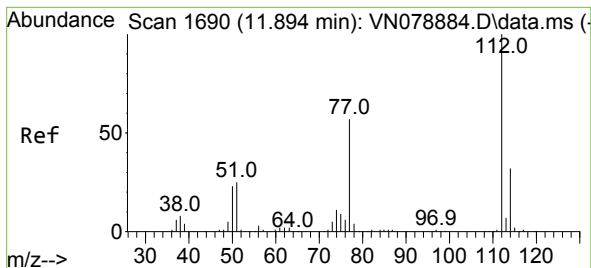
Tgt Ion:117 Resp: 245357
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 31.1 25.6 38.4



#64
Tetrachloroethene
Concen: 17.655 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion:164 Resp: 27165
Ion Ratio Lower Upper
164 100
166 125.5 101.4 152.0
129 99.1 82.4 123.6
131 86.3 78.2 117.4

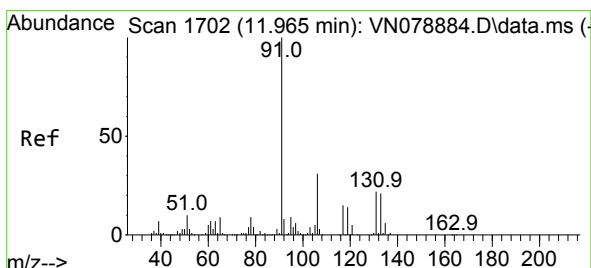
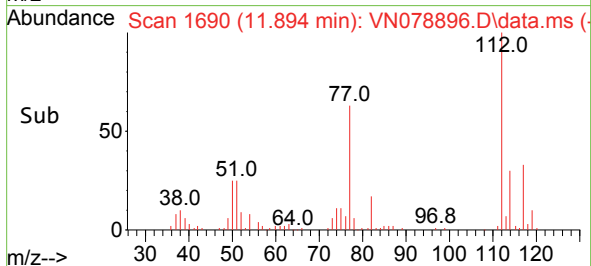
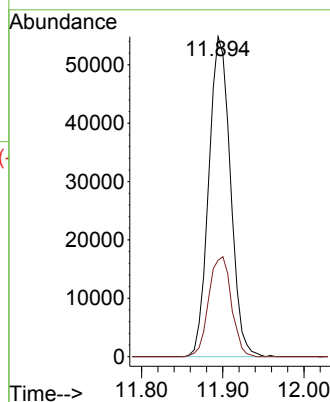
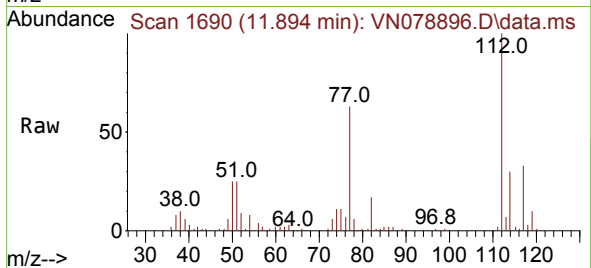




#65
Chlorobenzene
Concen: 19.447 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

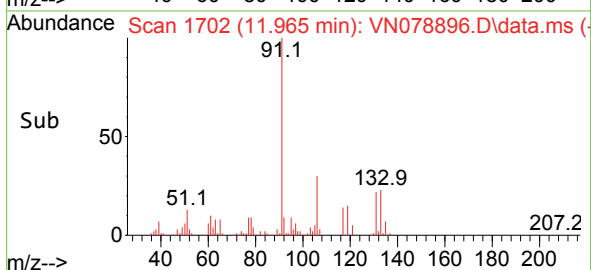
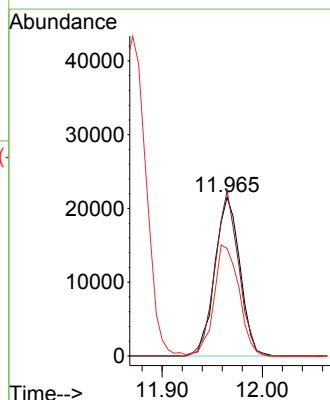
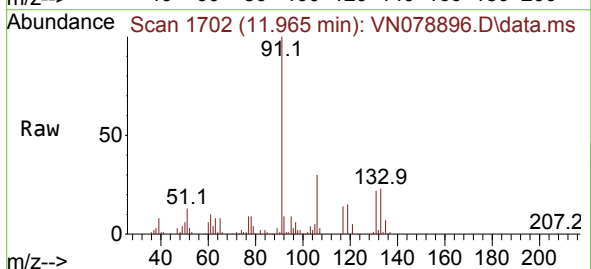
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

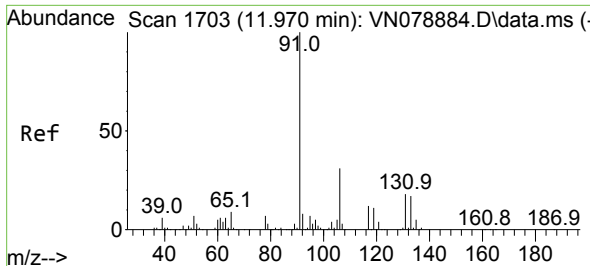
Tgt Ion:112 Resp: 101567
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.902 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion:131 Resp: 37307
Ion Ratio Lower Upper
131 100
133 97.9 46.4 139.1
119 69.7 34.1 102.2





#67

Ethyl Benzene

Concen: 18.375 ug/l

RT: 11.971 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

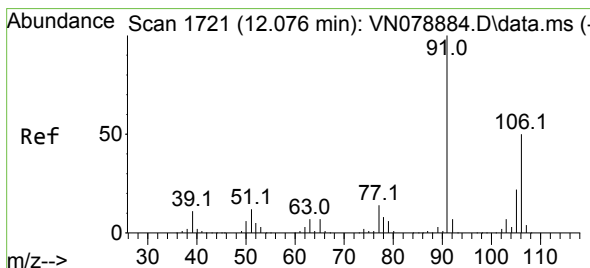
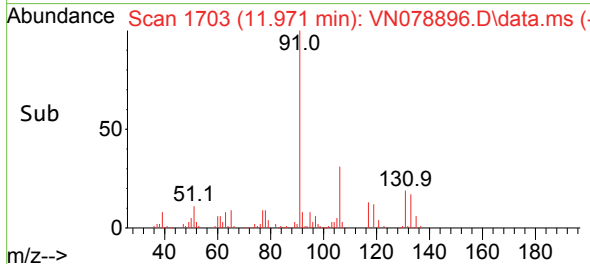
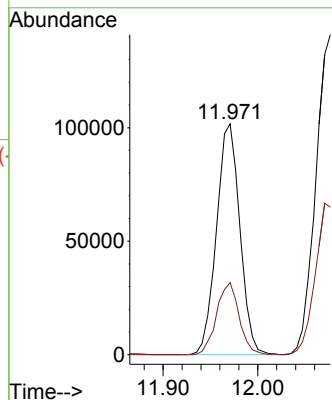
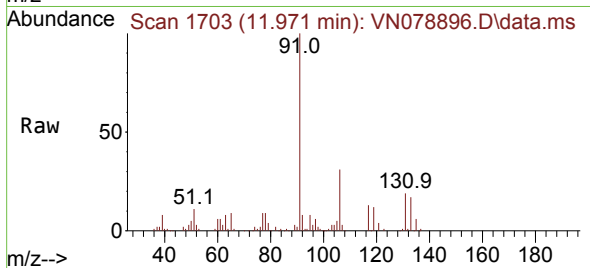
VN0816WBSD01

Tgt Ion: 91 Resp: 174522

Ion Ratio Lower Upper

91 100

106 31.2 25.6 38.4



#68

m/p-Xylenes

Concen: 37.715 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.005 min

Lab File: VN078896.D

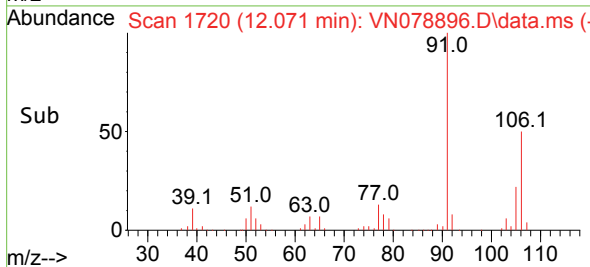
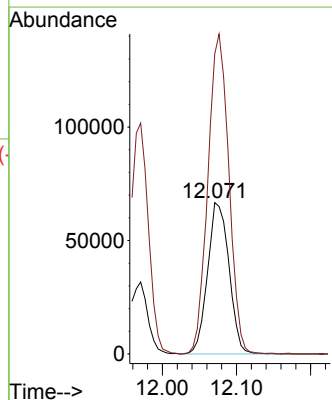
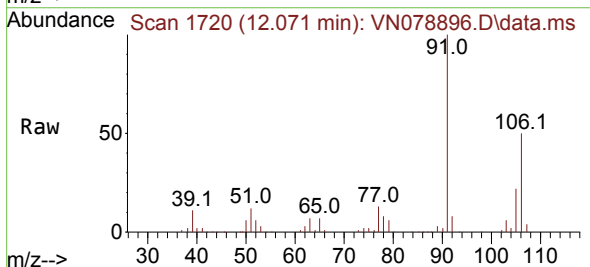
Acq: 16 Aug 2023 12:27

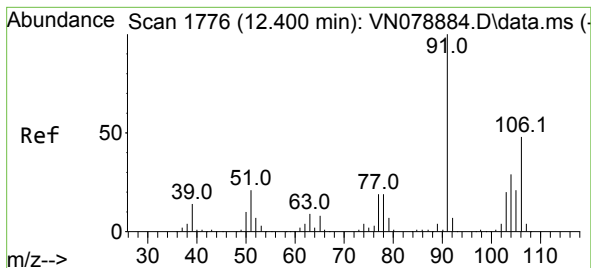
Tgt Ion: 106 Resp: 133927

Ion Ratio Lower Upper

106 100

91 207.2 159.6 239.4





#69

o-Xylene

Concen: 19.007 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

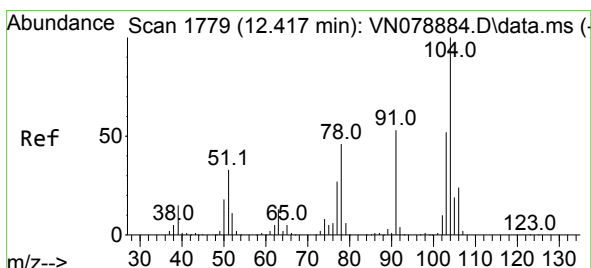
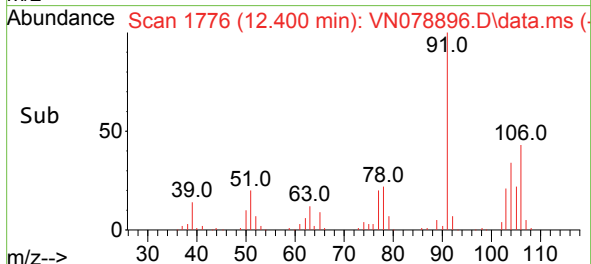
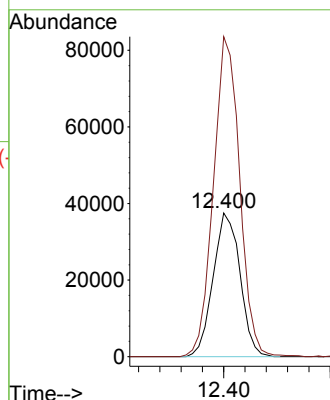
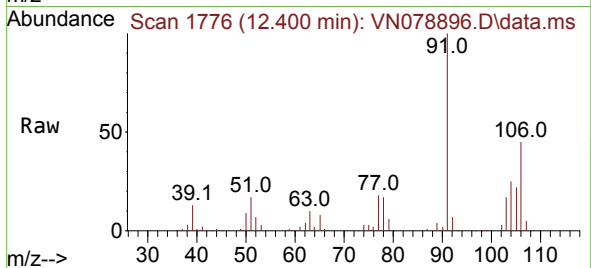
VN0816WBSD01

Tgt Ion:106 Resp: 65656

Ion Ratio Lower Upper

106 100

91 217.7 105.2 315.5



#70

Styrene

Concen: 18.407 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

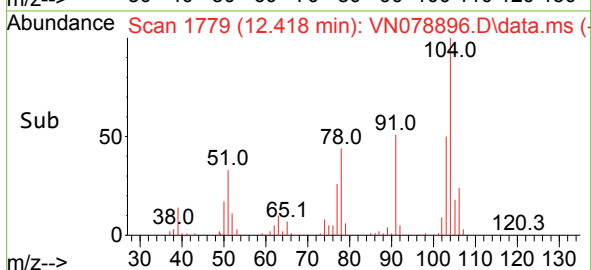
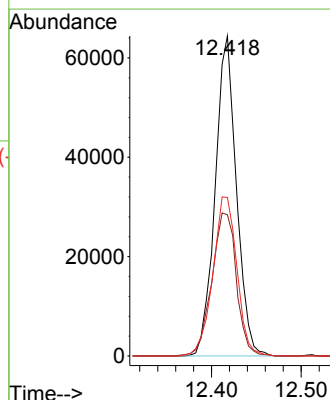
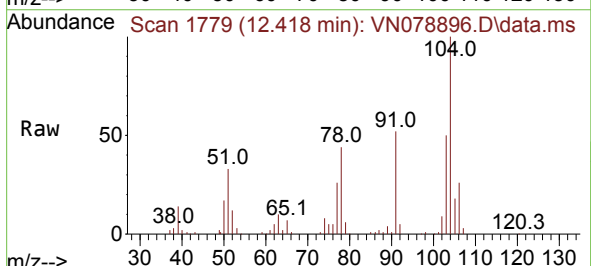
Tgt Ion:104 Resp: 106021

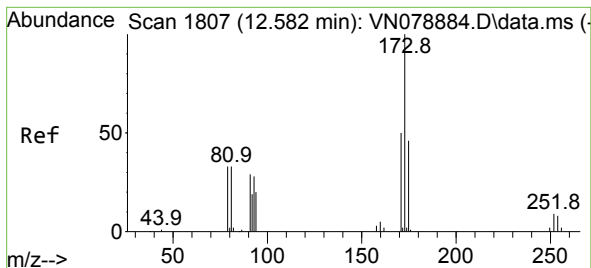
Ion Ratio Lower Upper

104 100

78 51.5 39.5 59.3

103 56.1 43.2 64.8





#71

Bromoform

Concen: 19.225 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

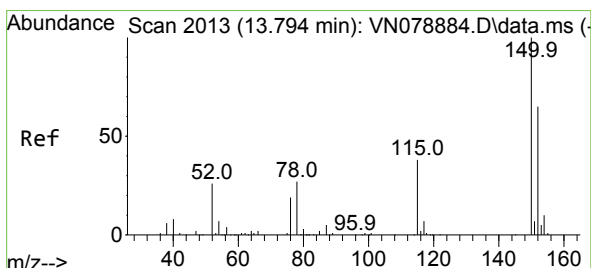
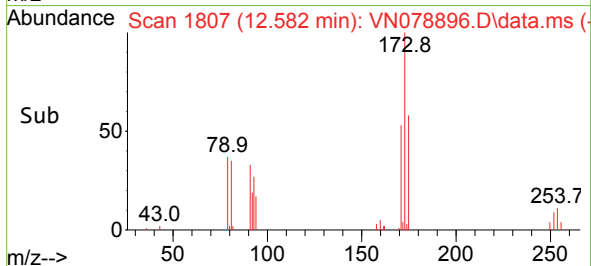
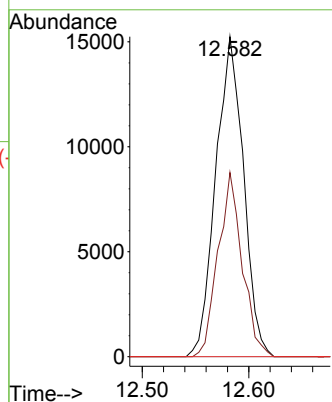
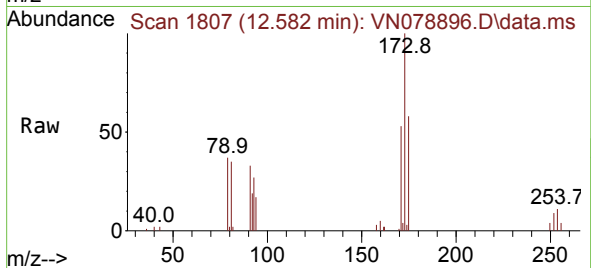
Tgt Ion:173 Resp: 27587

Ion Ratio Lower Upper

173 100

175 50.1 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

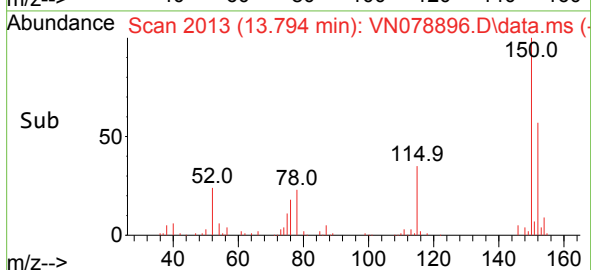
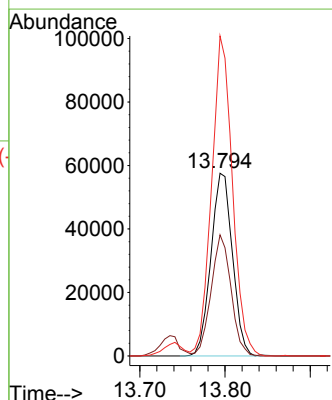
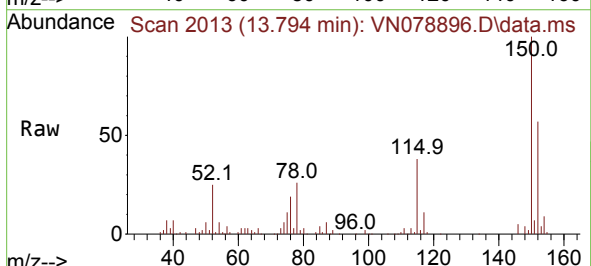
Tgt Ion:152 Resp: 101233

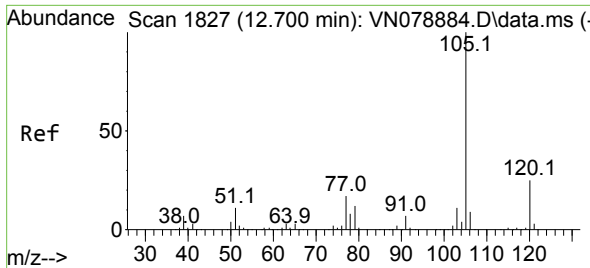
Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 169.4 0.0 355.8

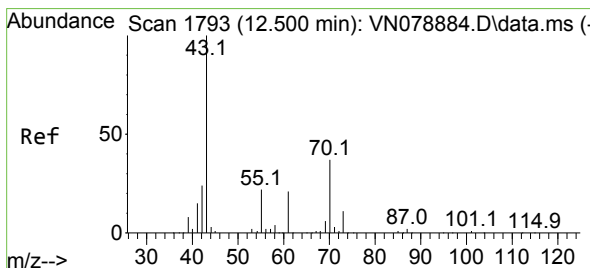
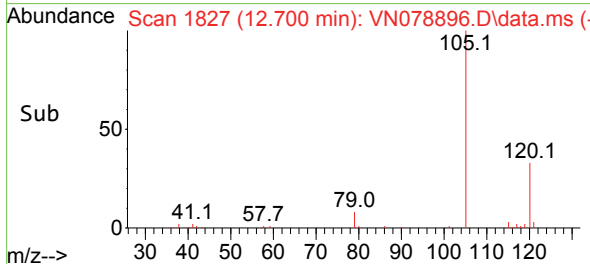
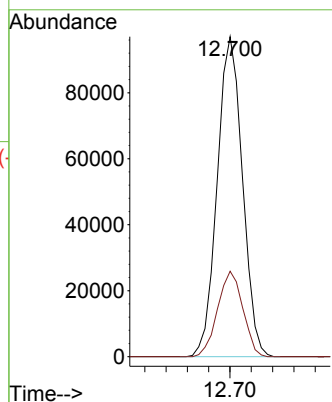
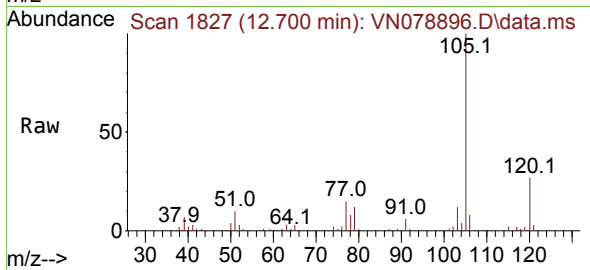




#73
Isopropylbenzene
Concen: 18.875 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

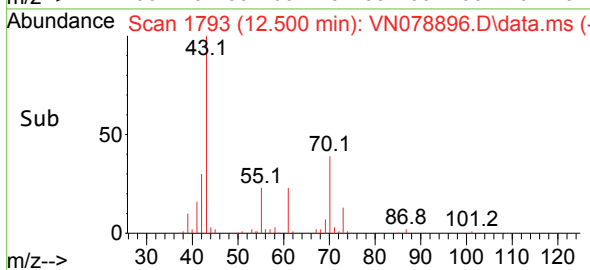
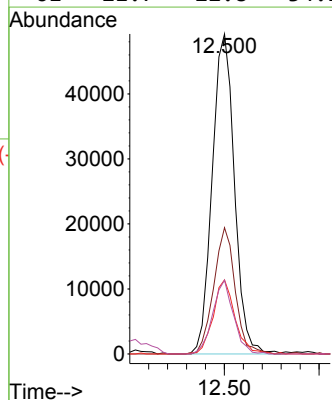
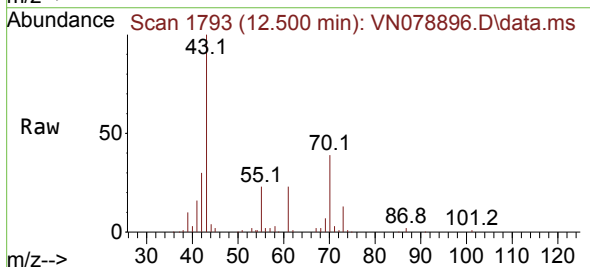
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

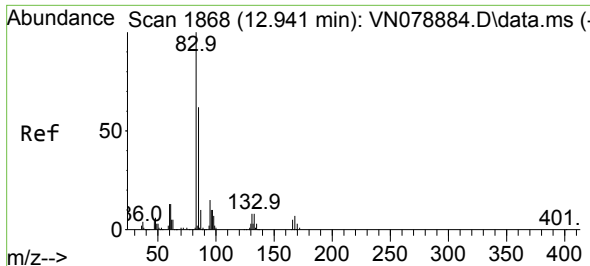
Tgt Ion:105 Resp: 159323
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1



#74
N-ethyl acetate
Concen: 18.832 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 43 Resp: 80236
Ion Ratio Lower Upper
43 100
70 38.1 43.4 65.2#
55 22.7 21.4 32.0
61 21.7 22.8 34.2#

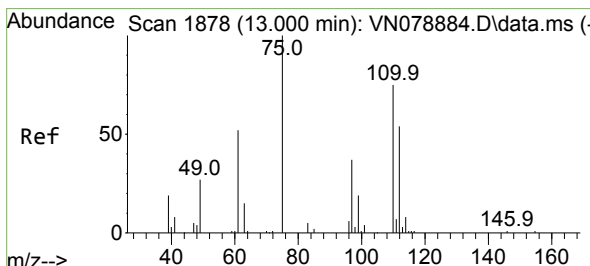
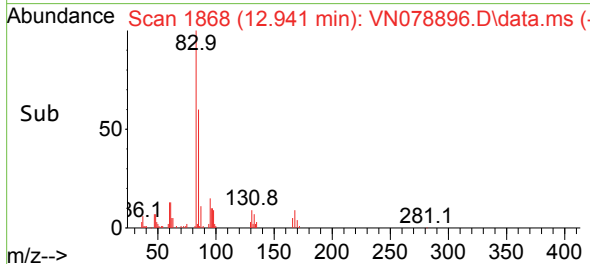
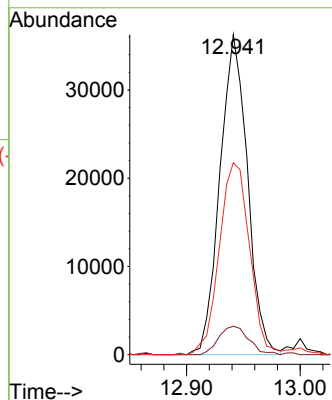
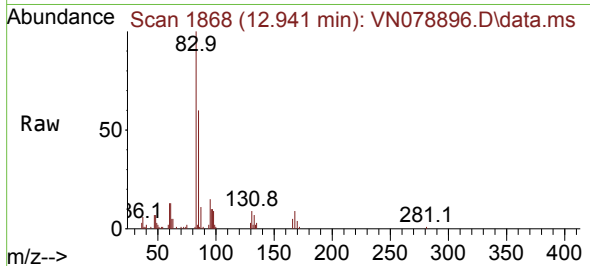




#75
1,1,2,2-Tetrachloroethane
Concen: 20.063 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

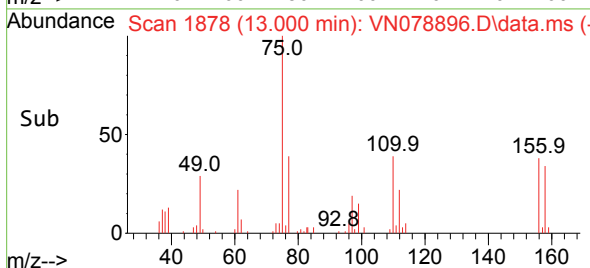
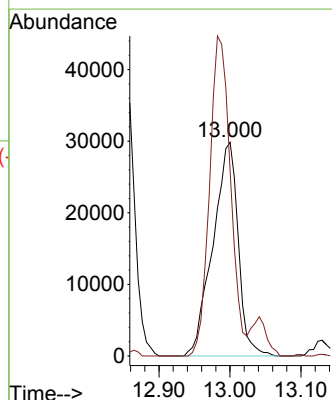
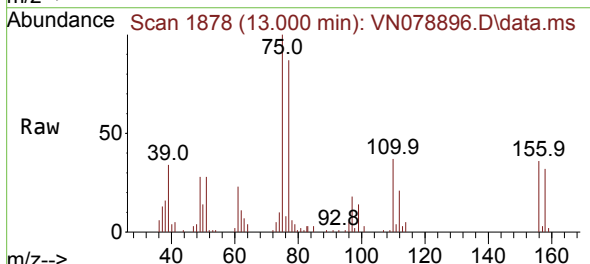
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

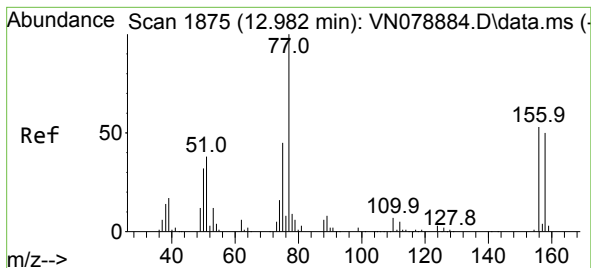
Tgt Ion: 83 Resp: 61147
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 65.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 30.184 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 75 Resp: 73626
Ion Ratio Lower Upper
75 100
77 124.3 84.5 253.5





#77

Bromobenzene

Concen: 18.719 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

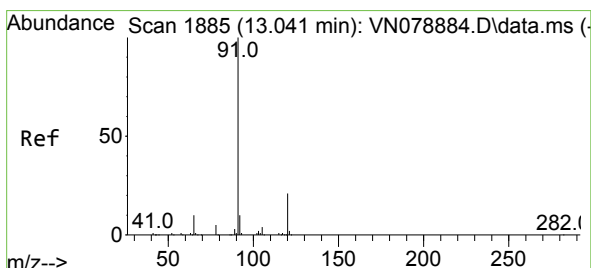
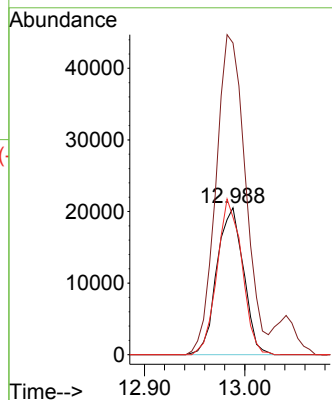
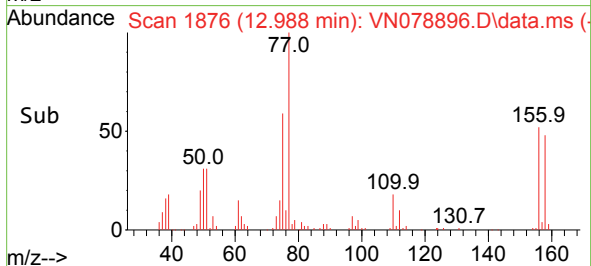
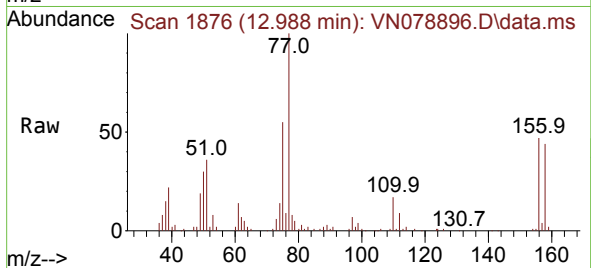
Tgt Ion:156 Resp: 37981

Ion Ratio Lower Upper

156 100

77 241.0 107.7 323.3

158 99.1 48.4 145.3



#78

n-propylbenzene

Concen: 19.467 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078896.D

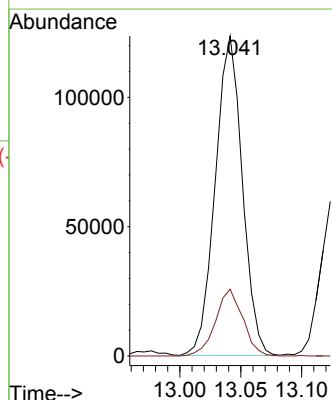
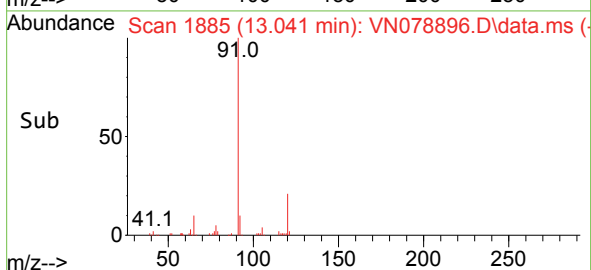
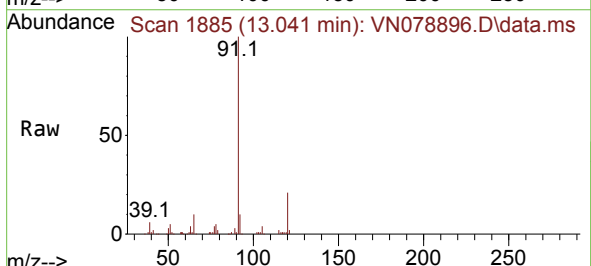
Acq: 16 Aug 2023 12:27

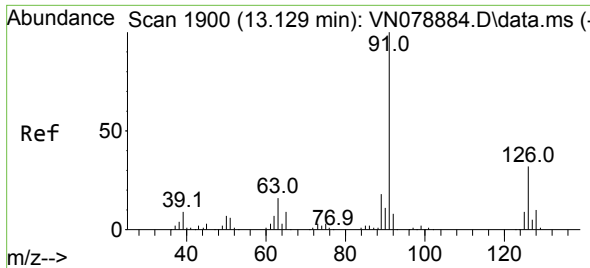
Tgt Ion: 91 Resp: 190544

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4

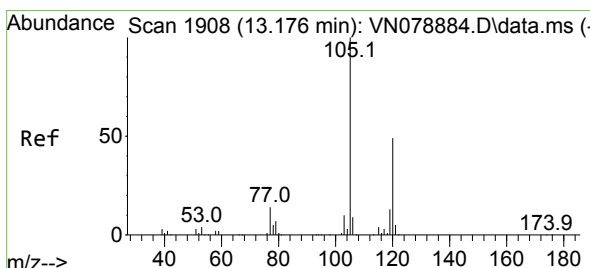
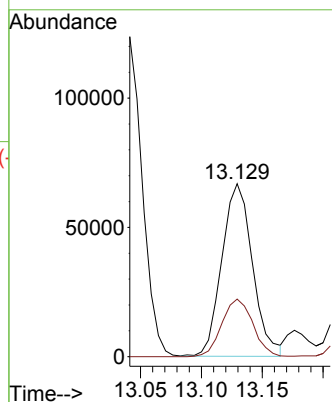
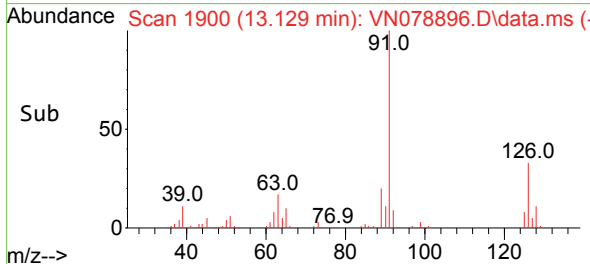
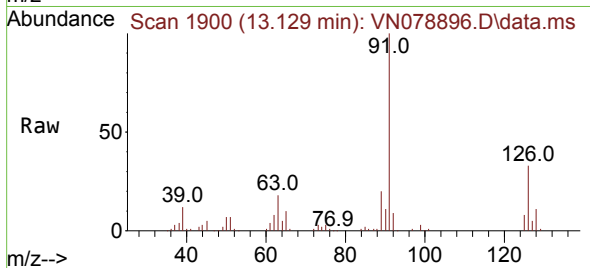




#79
2-Chlorotoluene
Concen: 19.287 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

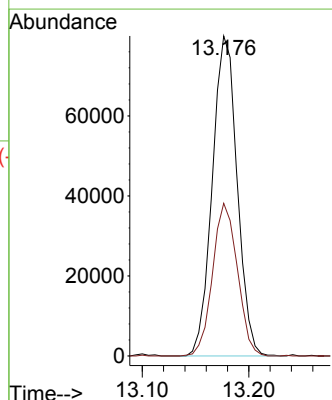
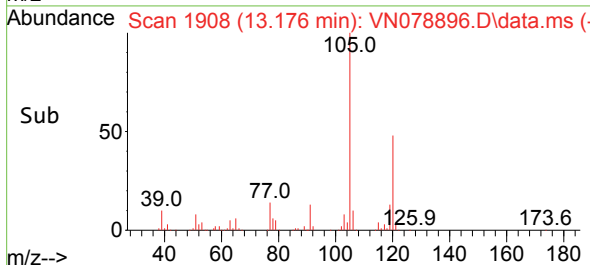
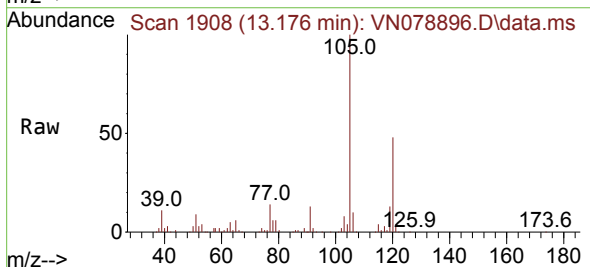
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

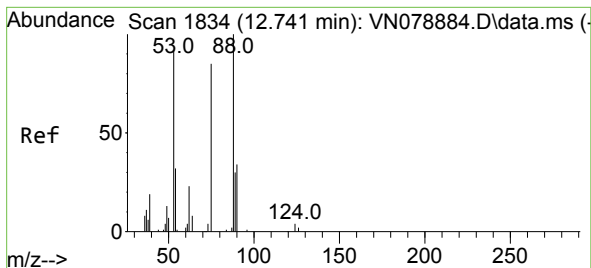
Tgt Ion: 91 Resp: 117105
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.347 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 105 Resp: 129418
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3

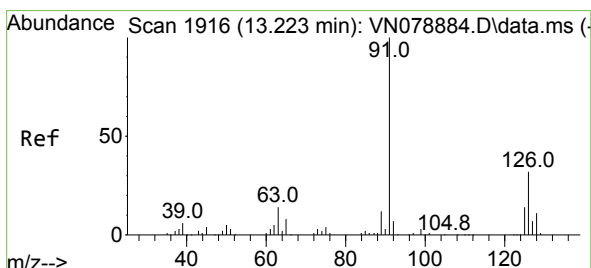
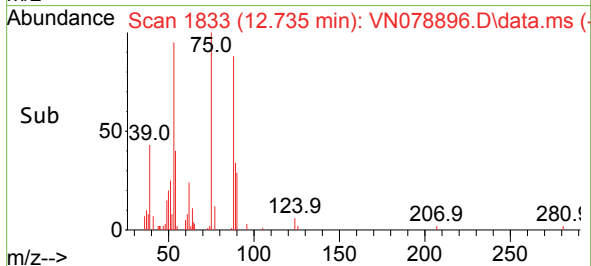
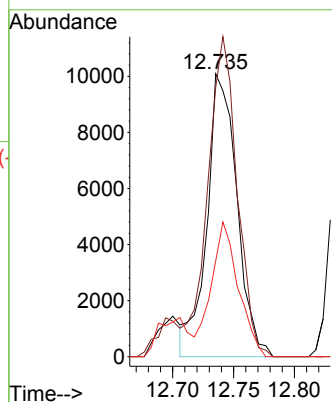
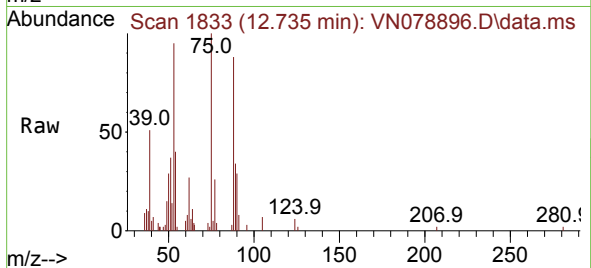




#81
trans-1,4-Dichloro-2-butene
Concen: 18.146 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

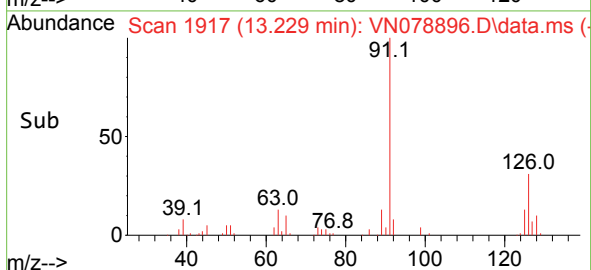
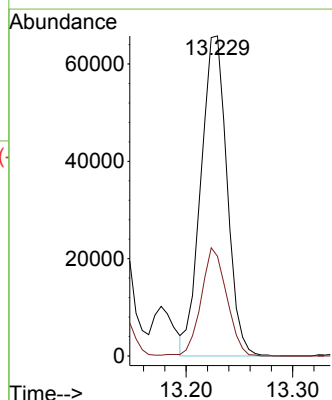
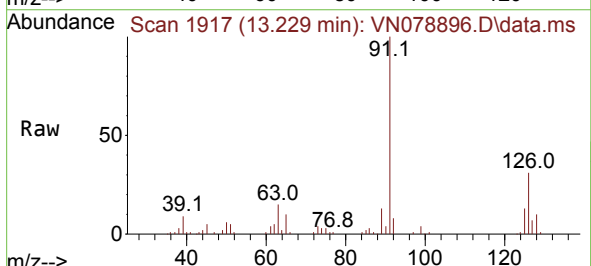
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

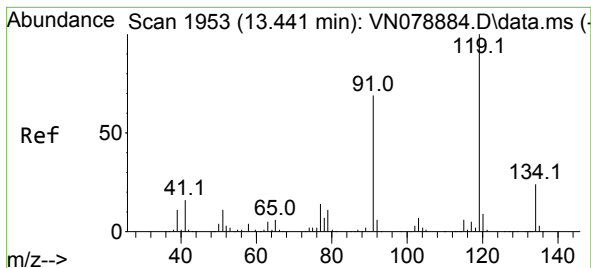
Tgt Ion: 75 Resp: 17327
Ion Ratio Lower Upper
75 100
53 111.2 67.4 101.2#
89 43.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.915 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 91 Resp: 112375
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0

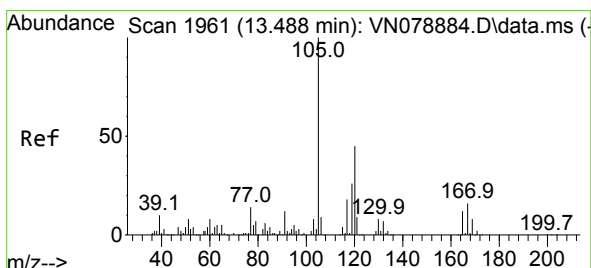
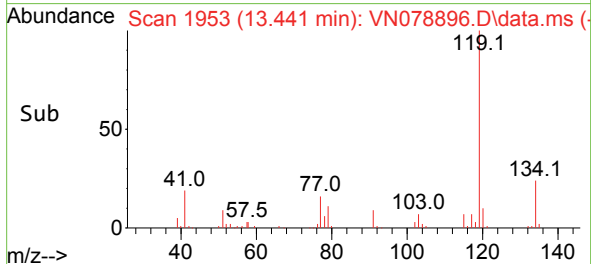
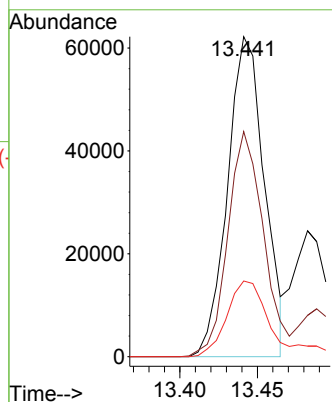
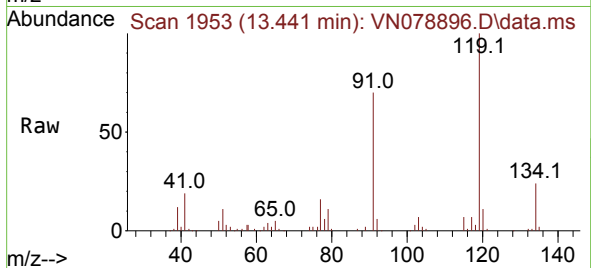




#83
tert-Butylbenzene
Concen: 18.278 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

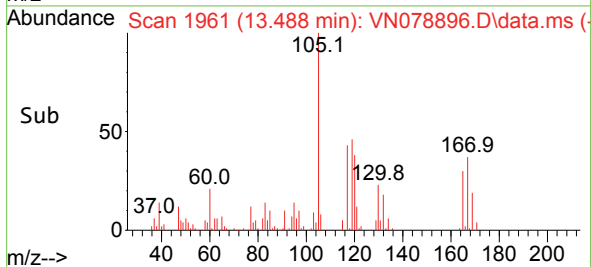
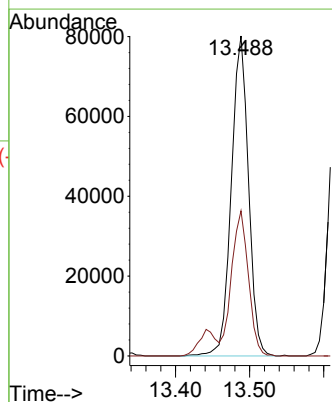
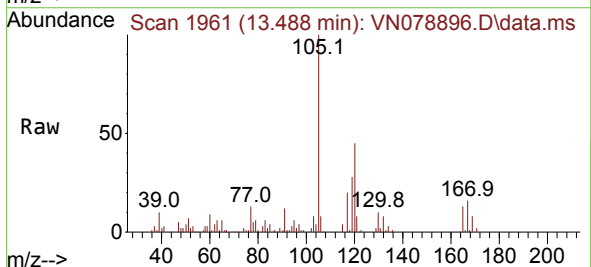
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

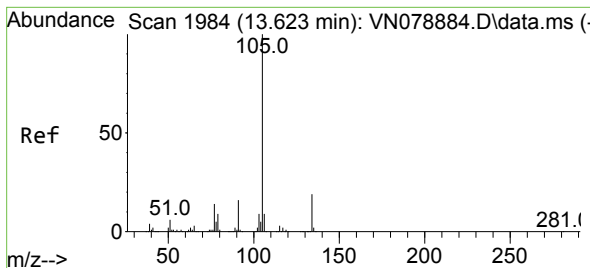
Tgt Ion:119 Resp: 102727
Ion Ratio Lower Upper
119 100
91 68.3 33.9 101.7
134 28.2 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 19.452 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion:105 Resp: 128838
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.436 ug/l

RT: 13.624 min Scan# 1984

Delta R.T. 0.001 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

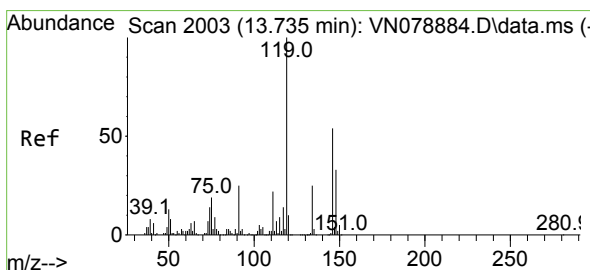
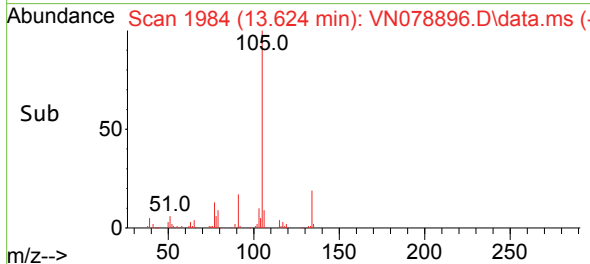
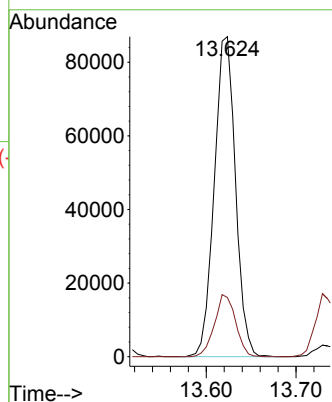
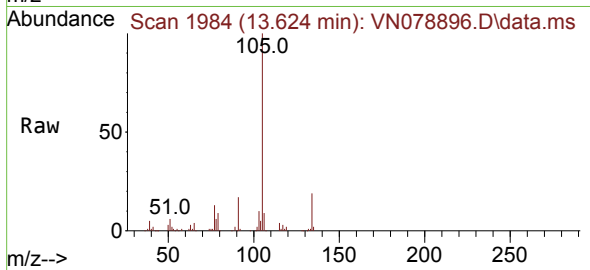
VN0816WBSD01

Tgt Ion:105 Resp: 142597

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.994 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

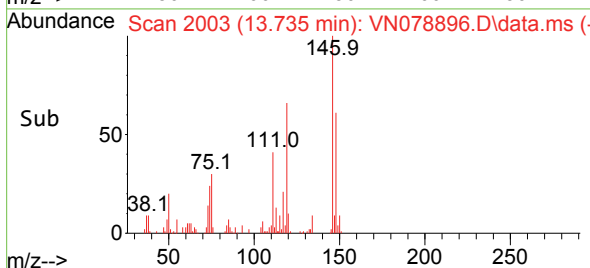
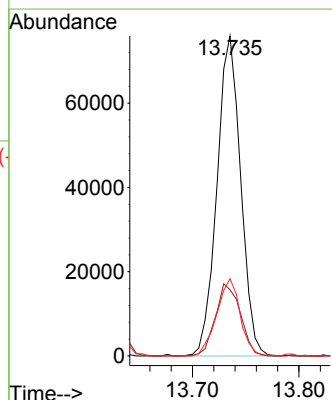
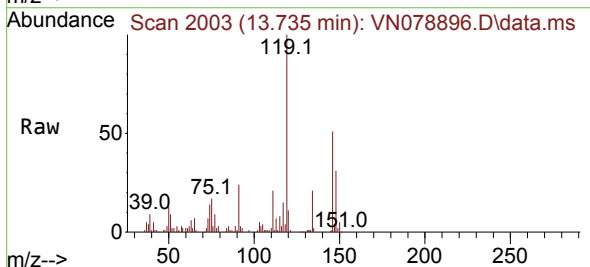
Tgt Ion:119 Resp: 117375

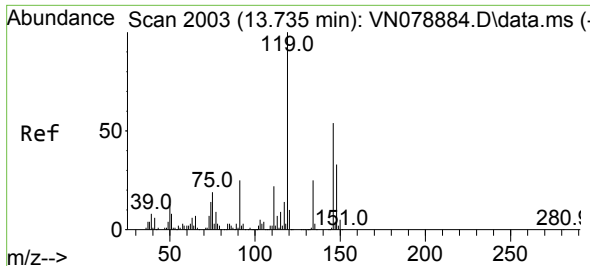
Ion Ratio Lower Upper

119 100

134 23.7 12.6 37.8

91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.260 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

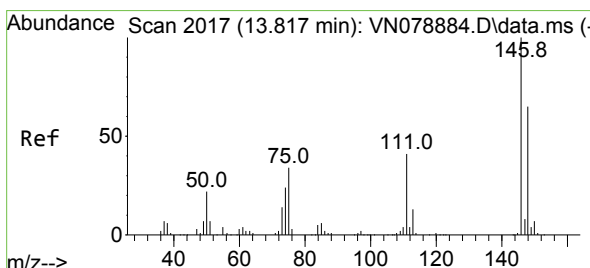
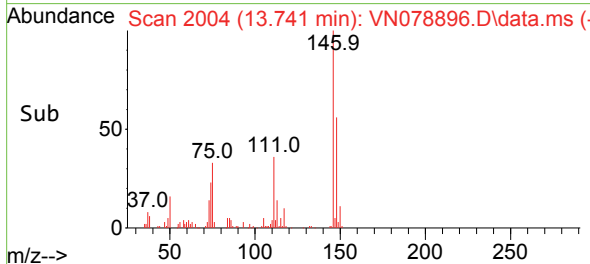
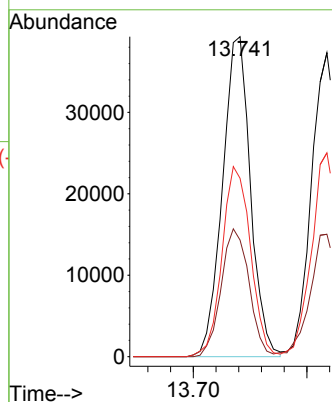
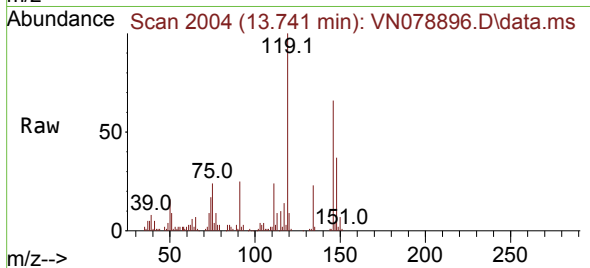
Tgt Ion:146 Resp: 67244

Ion Ratio Lower Upper

146 100

111 39.8 22.1 66.3

148 60.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.248 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

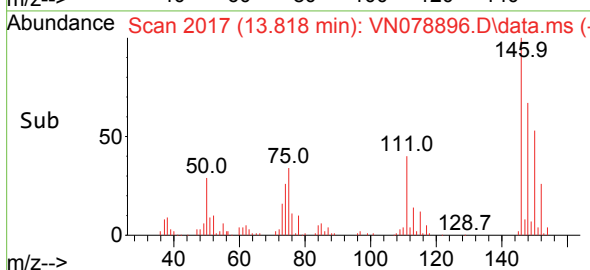
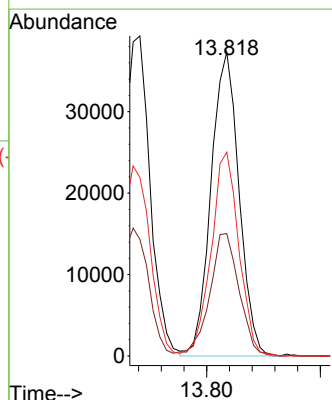
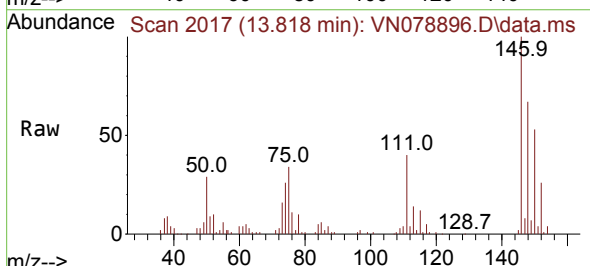
Tgt Ion:146 Resp: 63768

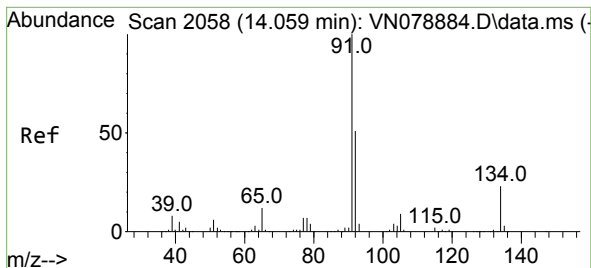
Ion Ratio Lower Upper

146 100

111 42.6 20.6 61.8

148 66.3 31.6 94.8





#89

n-Butylbenzene

Concen: 17.963 ug/l

RT: 14.065 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

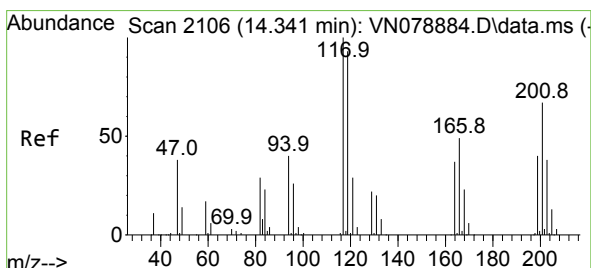
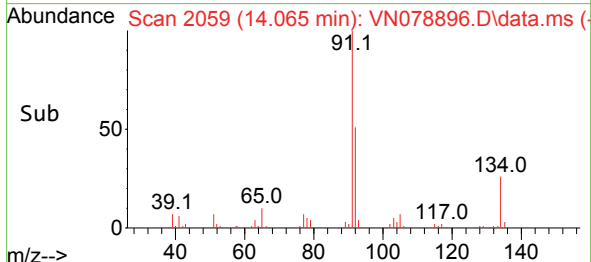
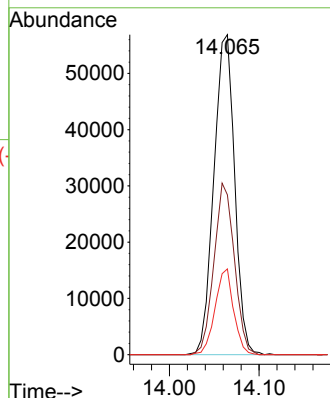
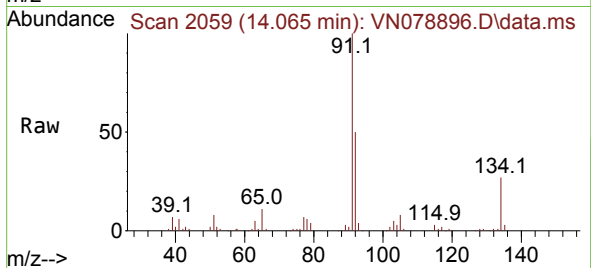
Tgt Ion: 91 Resp: 91350

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 24.0 12.6 37.6



#90

Hexachloroethane

Concen: 18.964 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078896.D

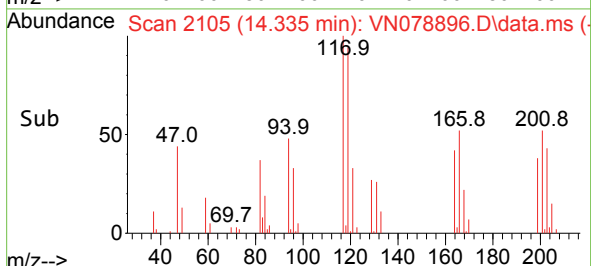
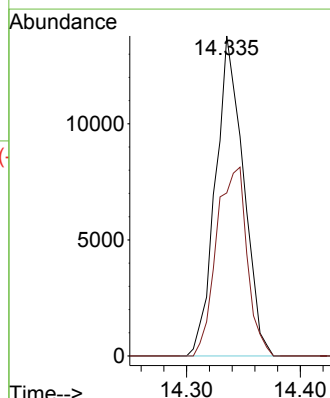
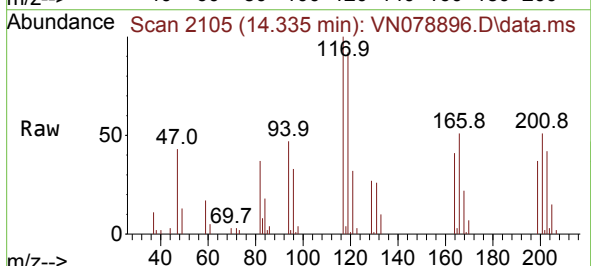
Acq: 16 Aug 2023 12:27

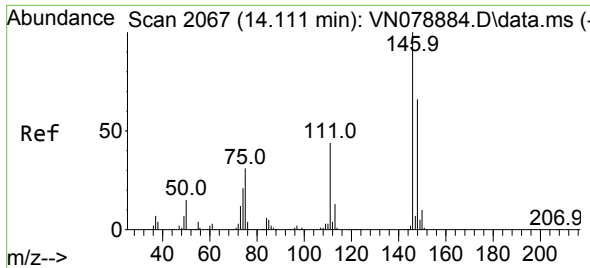
Tgt Ion: 117 Resp: 23491

Ion Ratio Lower Upper

117 100

201 64.7 29.3 88.0

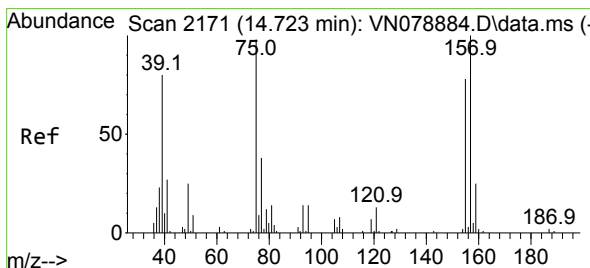
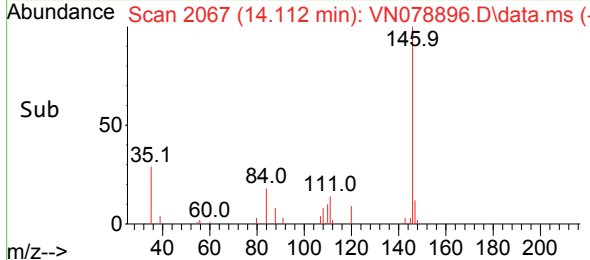
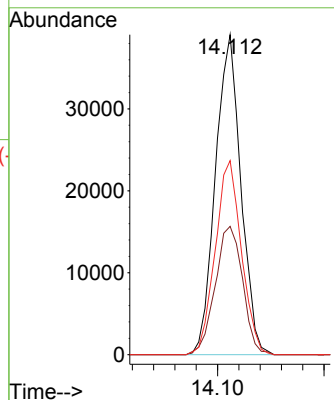
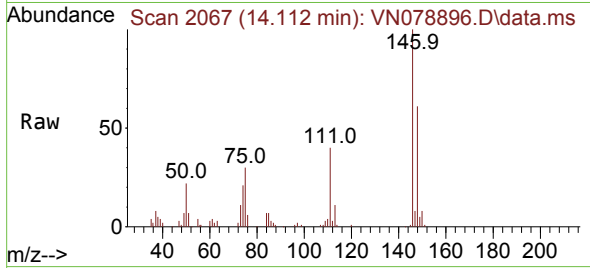




#91
1,2-Dichlorobenzene
Concen: 18.611 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

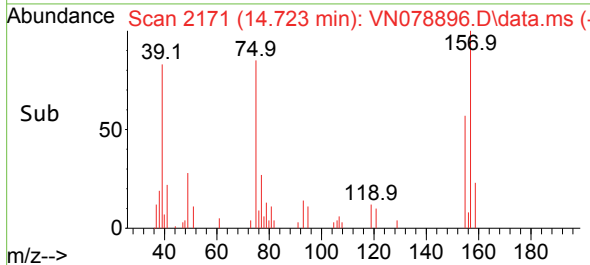
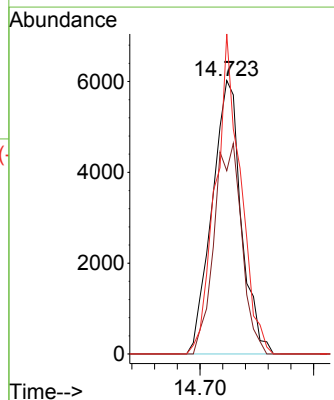
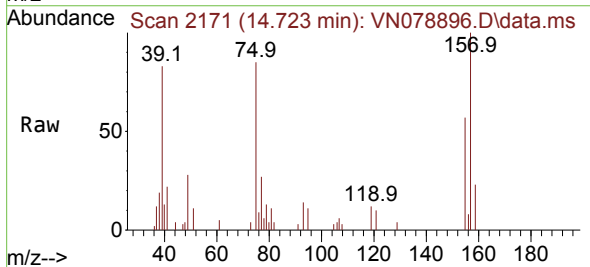
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

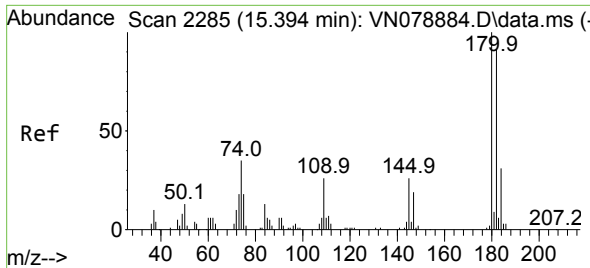
Tgt Ion:146 Resp: 64618
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 62.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.630 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078896.D
Acq: 16 Aug 2023 12:27

Tgt Ion: 75 Resp: 10761
Ion Ratio Lower Upper
75 100
155 73.0 39.1 117.2
157 99.8 50.3 150.9

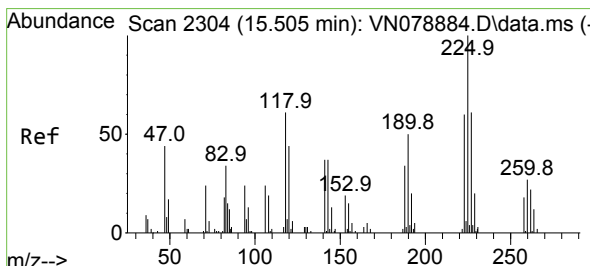
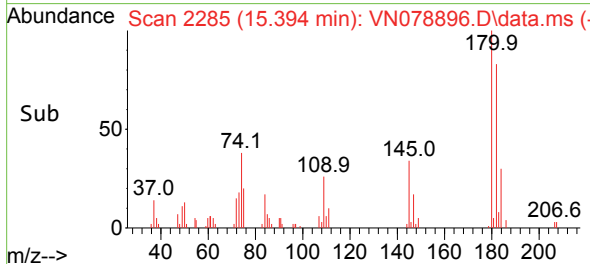
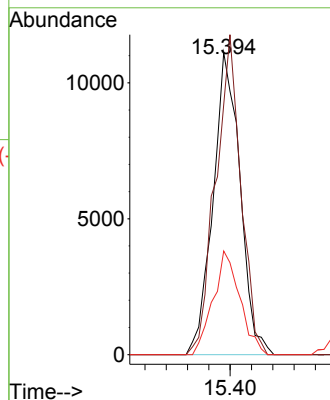
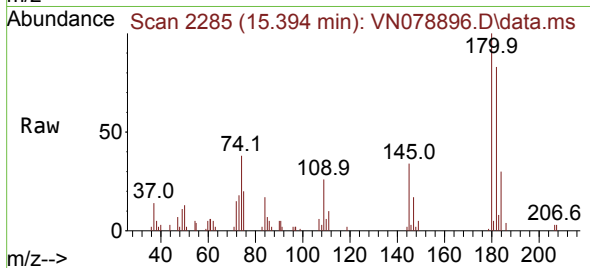




#93
 1,2,4-Trichlorobenzene
 Concen: 15.903 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27

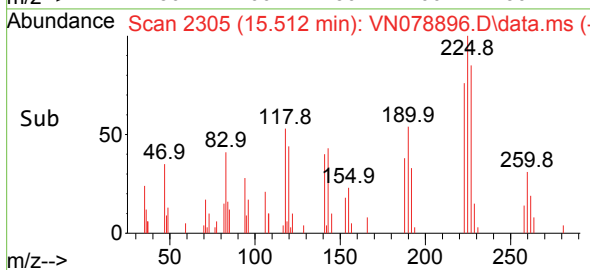
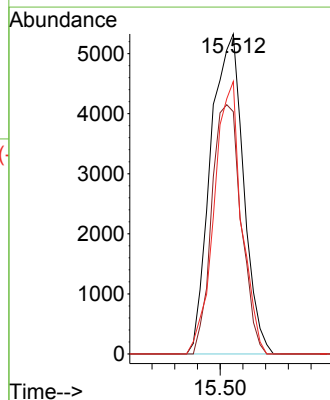
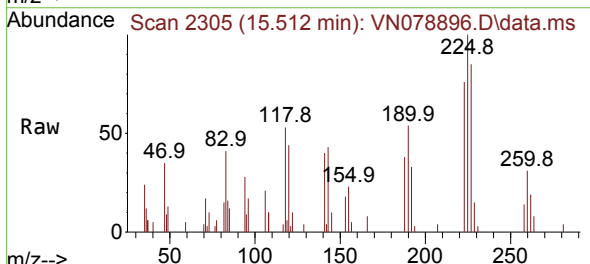
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

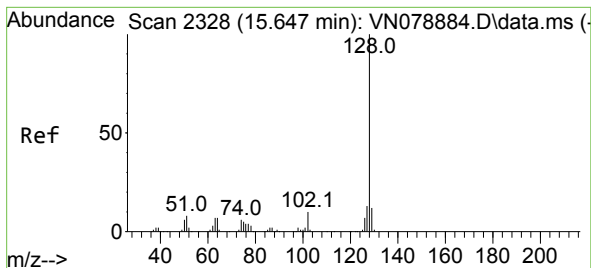
Tgt Ion:	180	Resp:	19574
Ion Ratio	Lower	Upper	
180	100		
182	99.0	46.1	138.2
145	34.0	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 14.815 ug/l
 RT: 15.512 min Scan# 2305
 Delta R.T. 0.006 min
 Lab File: VN078896.D
 Acq: 16 Aug 2023 12:27

Tgt Ion:	225	Resp:	10669
Ion Ratio	Lower	Upper	
225	100		
223	70.0	31.3	93.8
227	71.2	31.9	95.9





#95

Naphthalene

Concen: 14.680 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

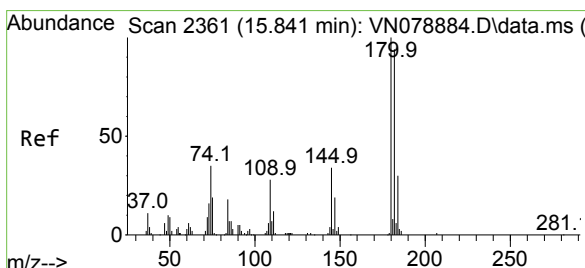
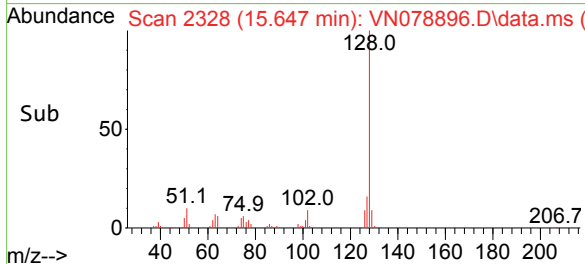
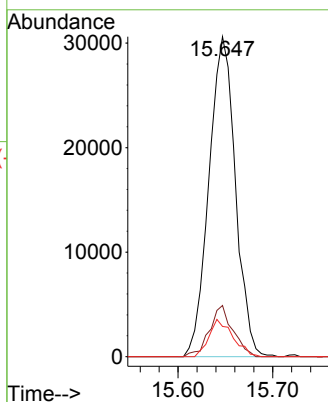
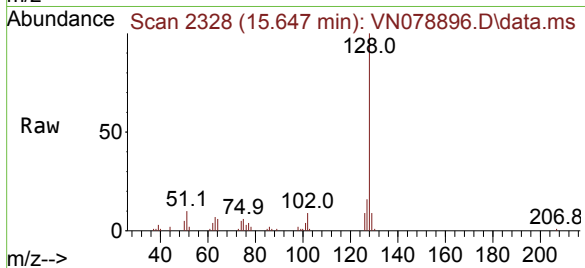
Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

Tgt Ion:	128	Resp:	59540
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.0	15.0
129	10.5	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.432 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078896.D

Acq: 16 Aug 2023 12:27

Tgt Ion:	180	Resp:	20803
Ion Ratio	Lower	Upper	
180	100		
182	98.9	46.2	138.6
145	36.4	17.5	52.6

