

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078635.D
 Acq On : 24 Jul 2023 13:53
 Operator : JC\MD
 Sample : VN0724MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724MBS02

Quant Time: Jul 25 03:12:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	554967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	930699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	815876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	316995	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	339323	45.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.220%
35) Dibromofluoromethane	8.171	113	305936	48.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	10.571	98	1121321	46.982	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.853	95	352520	47.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	98816	14.523	ug/l	93
3) Chloromethane	2.371	50	117590	15.900	ug/l	98
4) Vinyl Chloride	2.524	62	154792	16.180	ug/l	100
5) Bromomethane	2.959	94	114805	15.546	ug/l	90
6) Chloroethane	3.124	64	99799	15.936	ug/l	98
7) Trichlorofluoromethane	3.500	101	190975	16.699	ug/l	98
8) Diethyl Ether	3.971	74	65469	17.182	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	104838	17.318	ug/l	93
10) Methyl Iodide	4.594	142	142873	17.175	ug/l #	97
11) Tert butyl alcohol	5.541	59	102451	89.301	ug/l #	88
12) 1,1-Dichloroethene	4.353	96	100513	17.164	ug/l	96
13) Acrolein	4.189	56	95889	84.952	ug/l	97
14) Allyl chloride	5.042	41	142126	17.762	ug/l	94
15) Acrylonitrile	5.730	53	248222	85.633	ug/l	98
16) Acetone	4.442	43	206388	89.055	ug/l	93
17) Carbon Disulfide	4.724	76	227212	13.418	ug/l	99
18) Methyl Acetate	5.042	43	168367	17.162	ug/l	94
19) Methyl tert-butyl Ether	5.812	73	346685	17.968	ug/l	97
20) Methylene Chloride	5.289	84	125915	18.163	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	108832	16.492	ug/l	92
22) Diisopropyl ether	6.688	45	319650	17.840	ug/l	93
23) Vinyl Acetate	6.618	43	970476	85.200	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	209626	17.363	ug/l	98
25) 2-Butanone	7.494	43	314350	86.168	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	183708	18.604	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	140657	18.426	ug/l	99
28) Bromochloromethane	7.824	49	104894	18.446	ug/l	98
29) Tetrahydrofuran	7.847	42	202586	84.630	ug/l	86
30) Chloroform	7.977	83	233458	18.574	ug/l	94
31) Cyclohexane	8.265	56	161400	16.052	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	205870	18.268	ug/l	97
36) 1,1-Dichloropropene	8.382	75	161286	17.680	ug/l	97
37) Ethyl Acetate	7.571	43	135551	17.825	ug/l #	95
38) Carbon Tetrachloride	8.371	117	181362	18.292	ug/l	98
39) Methylcyclohexane	9.606	83	147859	17.757	ug/l	88
40) Benzene	8.612	78	495006	18.316	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	66442	17.139	ug/l	96
42) 1,2-Dichloroethane	8.677	62	164929	17.942	ug/l	99
43) Isopropyl Acetate	8.694	43	233466	18.647	ug/l	95
44) Trichloroethene	9.359	130	134223	18.427	ug/l	90
45) 1,2-Dichloropropane	9.629	63	129393	18.903	ug/l	95
46) Dibromomethane	9.718	93	92223	19.143	ug/l	92
47) Bromodichloromethane	9.894	83	186058	19.266	ug/l	100
48) Methyl methacrylate	9.688	41	100332	17.297	ug/l	92
49) 1,4-Dioxane	9.694	88	48362	382.320	ug/l #	93
51) 4-Methyl-2-Pentanone	10.453	43	672182	90.261	ug/l	93
52) Toluene	10.635	92	315900	18.860	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	182402	18.436	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	202011	19.155	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	131016	19.853	ug/l	98
56) Ethyl methacrylate	10.882	69	177172	19.205	ug/l	91
57) 1,3-Dichloropropane	11.171	76	209432	18.664	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.171	63	292814	89.065	ug/l	95
59) 2-Hexanone	11.200	43	478758	90.456	ug/l	93
60) Dibromochloromethane	11.365	129	139136	19.097	ug/l	98
61) 1,2-Dibromoethane	11.476	107	128849	18.953	ug/l	98
64) Tetrachloroethene	11.112	164	111366	18.156	ug/l	93
65) Chlorobenzene	11.900	112	339766	18.631	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	138022	19.673	ug/l	96
67) Ethyl Benzene	11.970	91	578936	18.781	ug/l	98
68) m/p-Xylenes	12.076	106	437142	38.355	ug/l	98
69) o-Xylene	12.406	106	221681	19.257	ug/l	100
70) Styrene	12.417	104	345545	19.186	ug/l	99
71) Bromoform	12.582	173	92992	19.571	ug/l #	99
73) Isopropylbenzene	12.700	105	537074	18.031	ug/l	99
74) N-amyl acetate	12.500	43	172333	16.789	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	177126	19.395	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	204500	26.690	ug/l	70
77) Bromobenzene	12.988	156	135700	20.023	ug/l	89
78) n-propylbenzene	13.041	91	582896	18.299	ug/l	99
79) 2-Chlorotoluene	13.129	91	379226	18.175	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	433472	18.418	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	50488	17.315	ug/l	93
82) 4-Chlorotoluene	13.229	91	346781	17.816	ug/l	98
83) tert-Butylbenzene	13.441	119	378489	18.942	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	423791	18.539	ug/l	97
85) sec-Butylbenzene	13.623	105	460092	18.217	ug/l	99
86) p-Isopropyltoluene	13.735	119	377882	18.633	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	215642	18.858	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	207031	17.975	ug/l	99
89) n-Butylbenzene	14.059	91	265015	18.264	ug/l	97
90) Hexachloroethane	14.335	117	72243	18.874	ug/l	79
91) 1,2-Dichlorobenzene	14.111	146	213486	18.760	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25675	16.728	ug/l	87
93) 1,2,4-Trichlorobenzene	15.400	180	56498	15.556	ug/l	96
94) Hexachlorobutadiene	15.506	225	43432	20.690	ug/l	97
95) Naphthalene	15.647	128	170133	13.703	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	69158	16.561	ug/l	99

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Sample : VN0724MBSD02
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

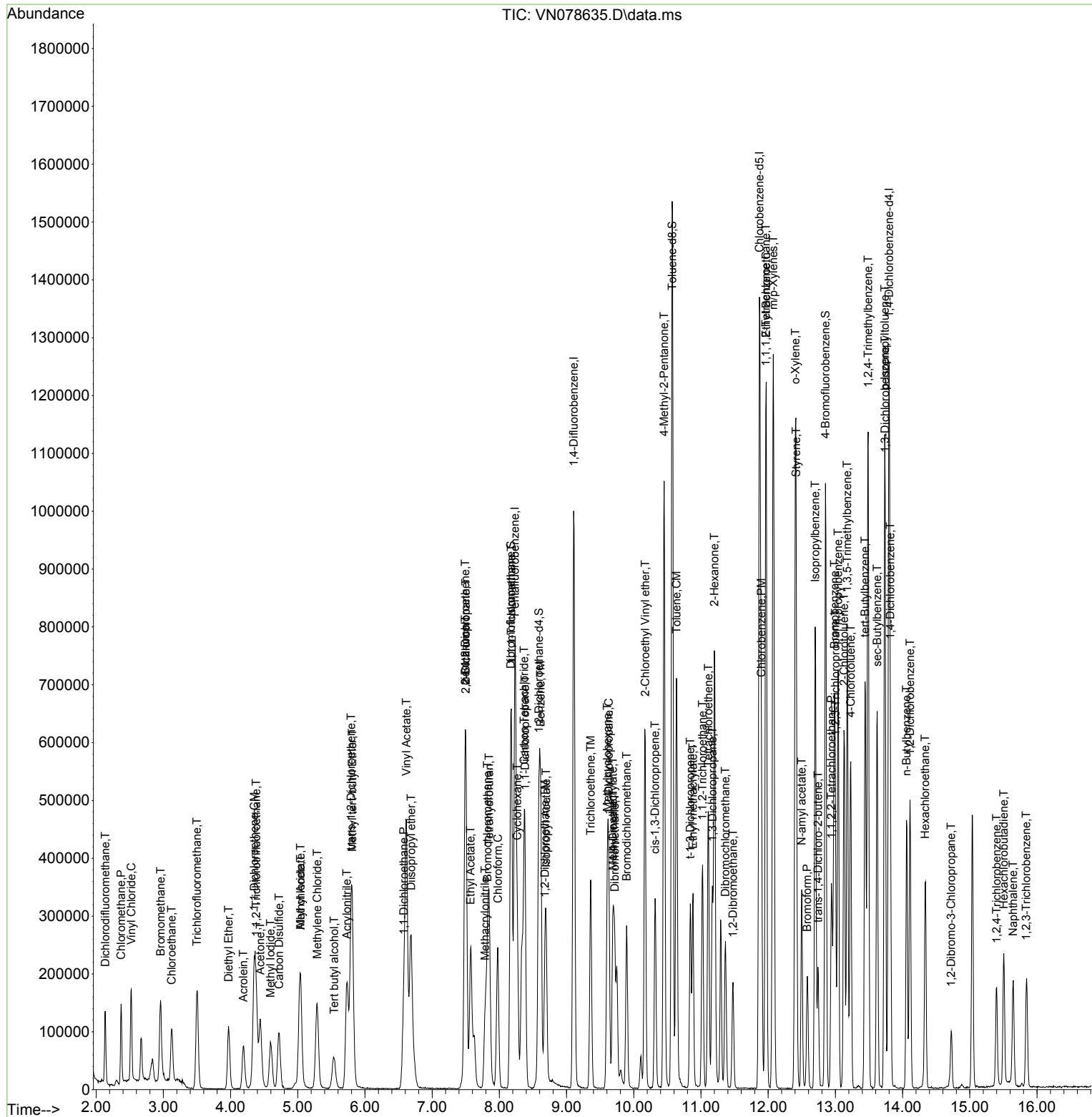
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

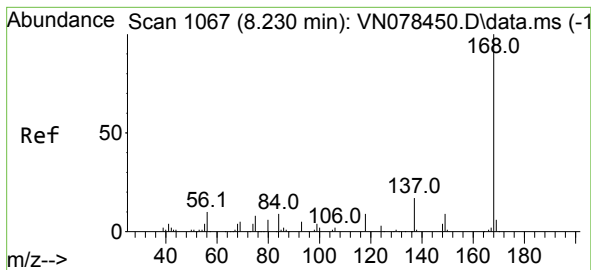
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078635.D

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Instrument :

MSVOA_N

ClientSampleId :

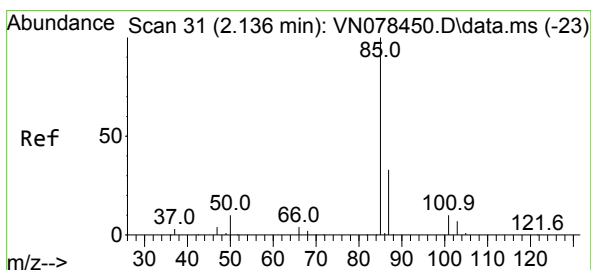
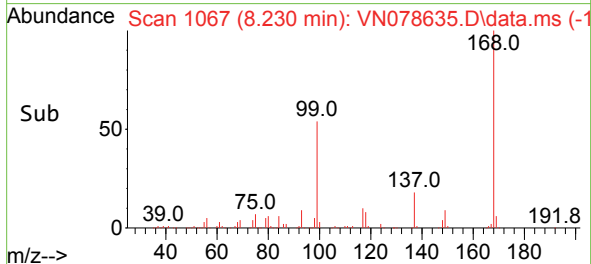
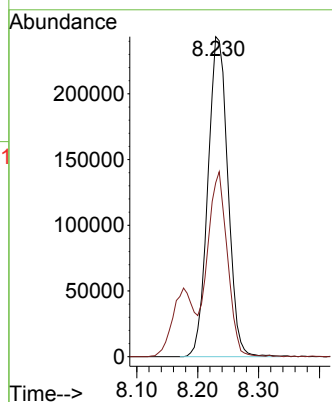
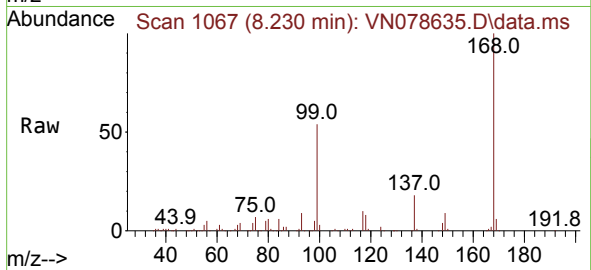
VN0724MBSD02

Tgt Ion:168 Resp: 554967

Ion Ratio Lower Upper

168 100

99 54.2 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 14.523 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078635.D

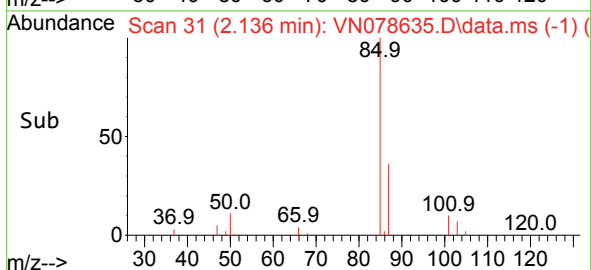
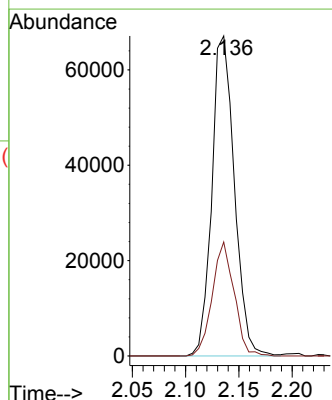
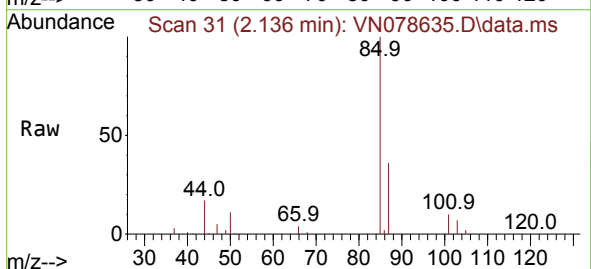
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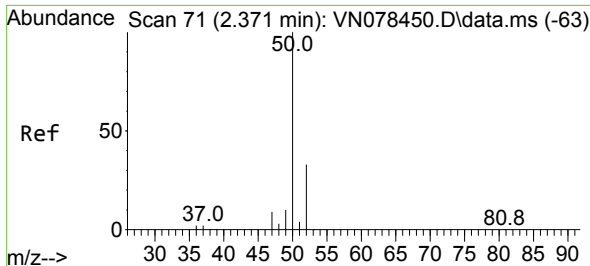
Tgt Ion: 85 Resp: 98816

Ion Ratio Lower Upper

85 100

87 35.6 15.8 47.4

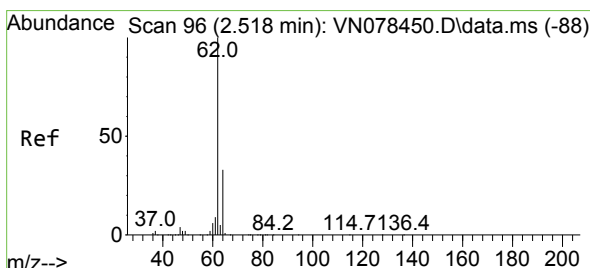
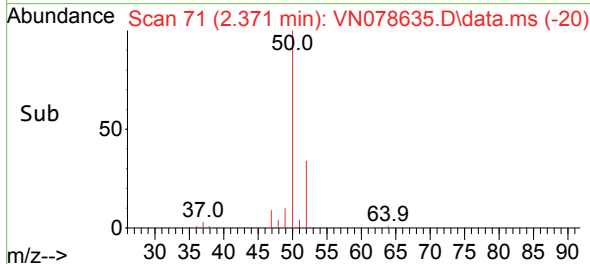
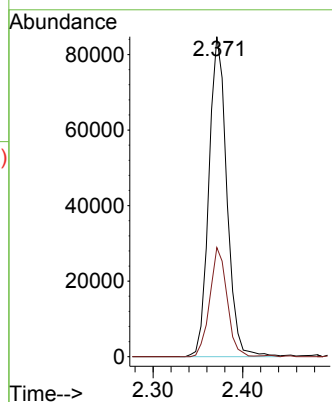
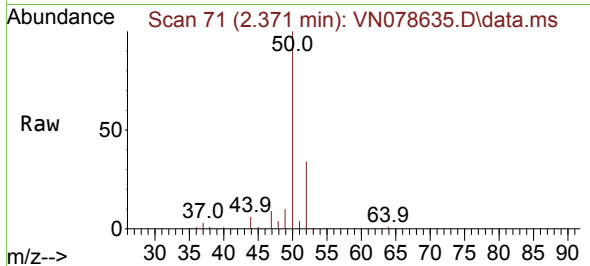




#3
Chloromethane
Concen: 15.900 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

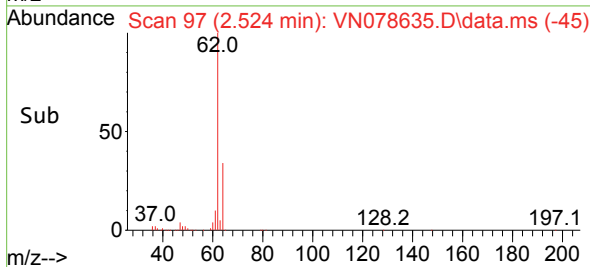
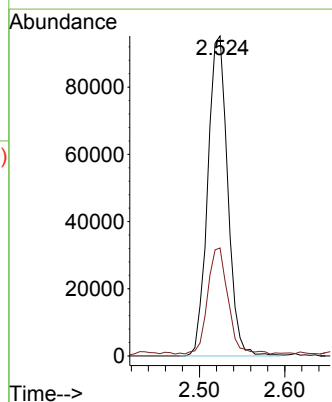
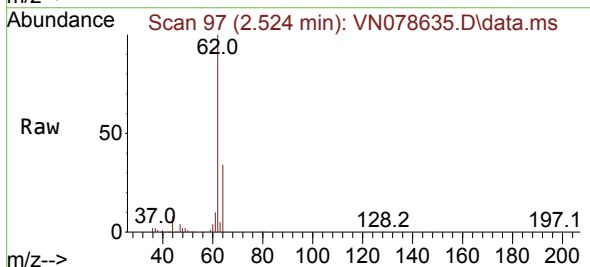
Instrument :
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ClientSampleId :
VN0724MBSD02

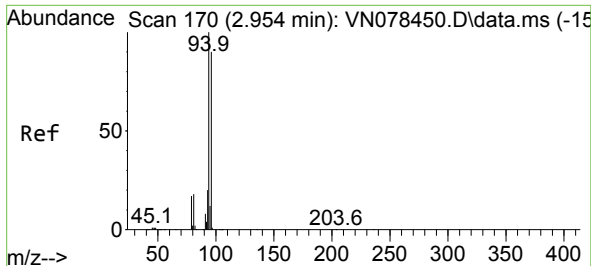
Tgt Ion: 50 Resp: 117590
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7



#4
Vinyl Chloride
Concen: 16.180 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 62 Resp: 154792
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2

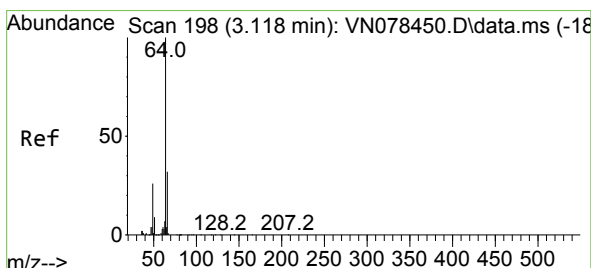
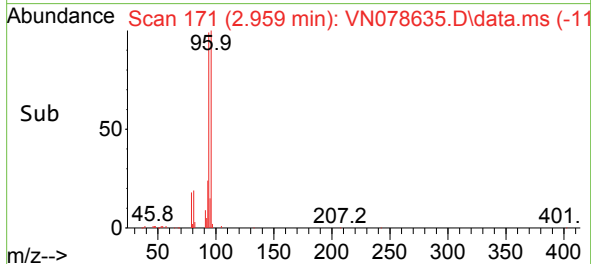
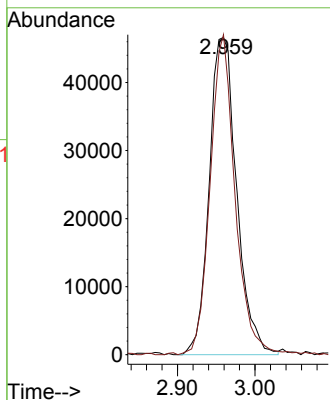
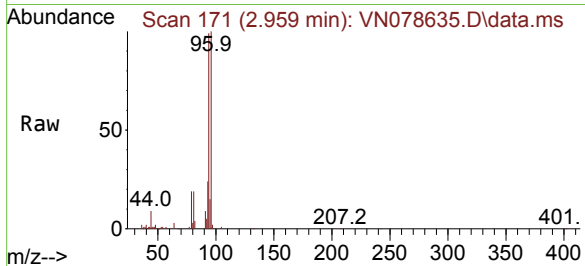




#5
Bromomethane
Concen: 15.546 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

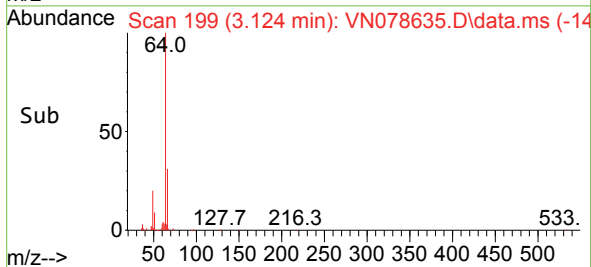
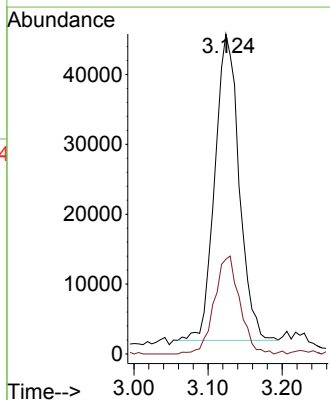
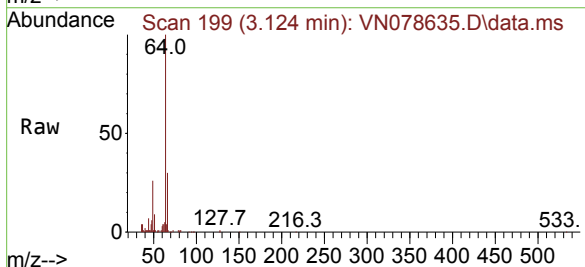
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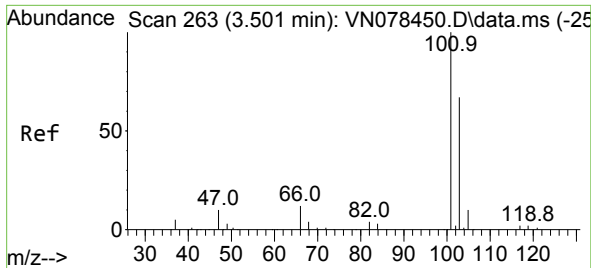
Tgt Ion: 94 Resp: 114805
Ion Ratio Lower Upper
94 100
96 100.8 73.1 109.7



#6
Chloroethane
Concen: 15.936 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 64 Resp: 99799
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.2

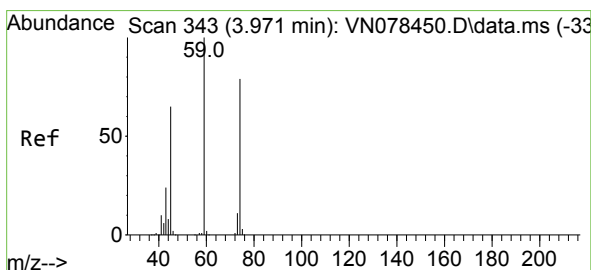
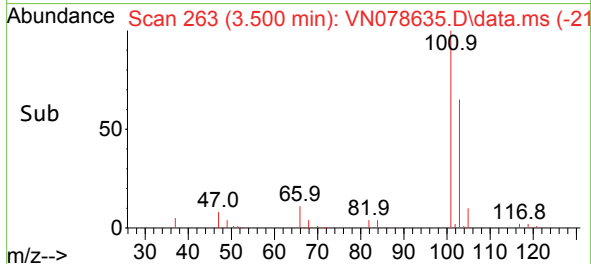
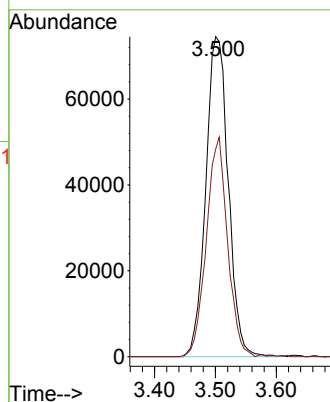
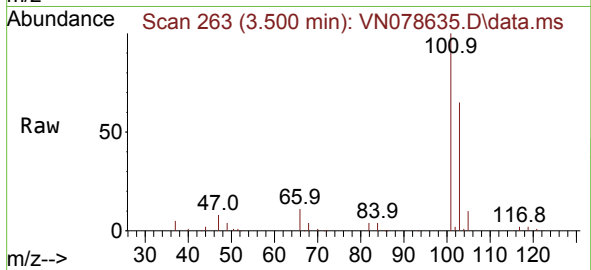




#7
Trichlorofluoromethane
Concen: 16.699 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.001 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

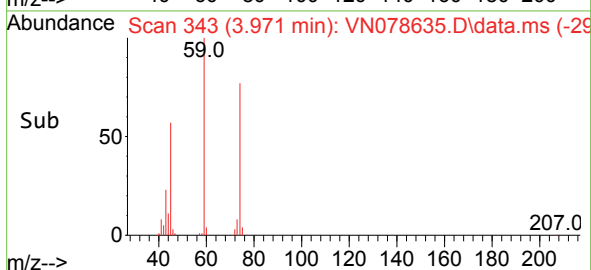
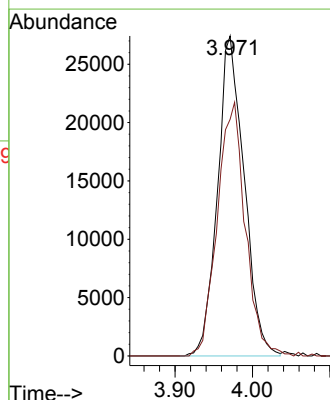
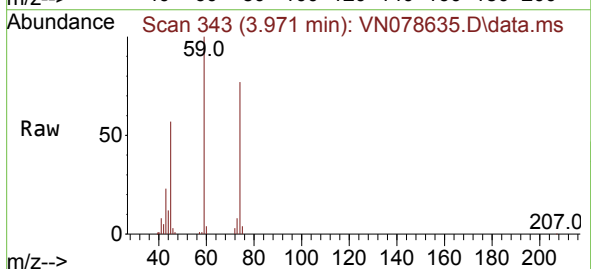
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

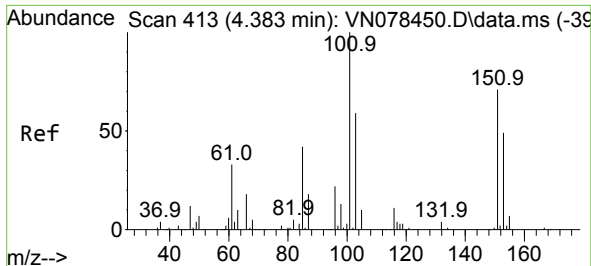
Tgt Ion:101 Resp: 190975
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1



#8
Diethyl Ether
Concen: 17.182 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 74 Resp: 65469
Ion Ratio Lower Upper
74 100
45 83.2 34.4 103.3

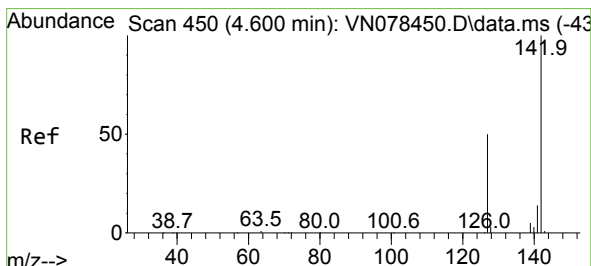
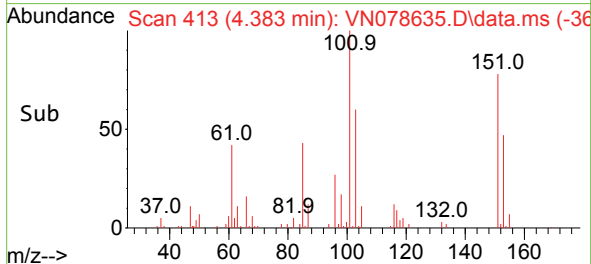
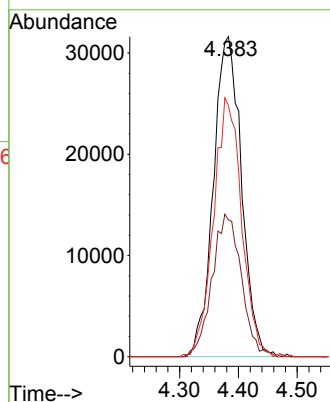
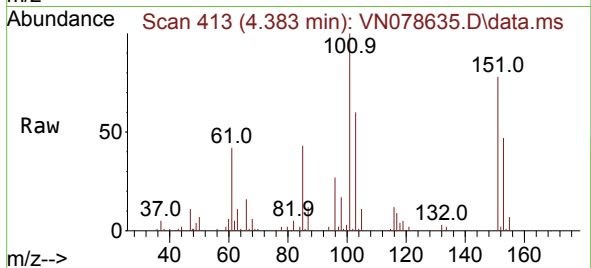




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.318 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

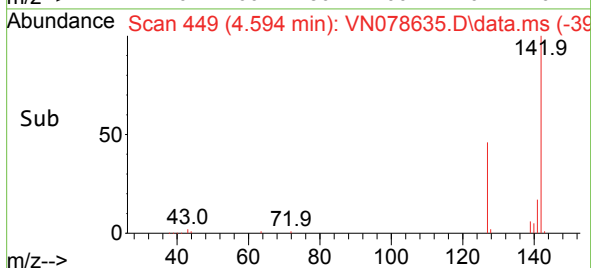
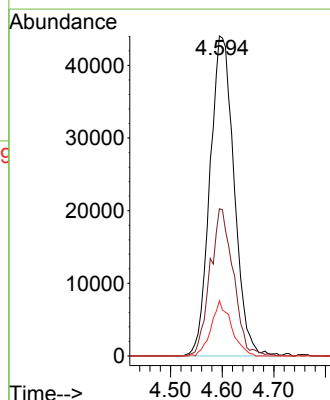
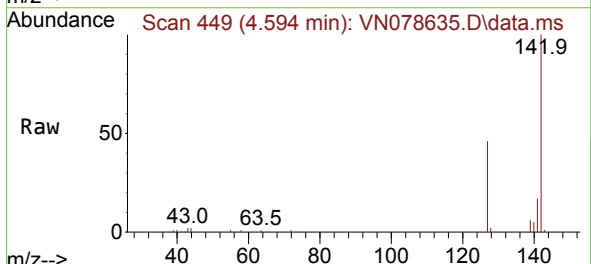
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

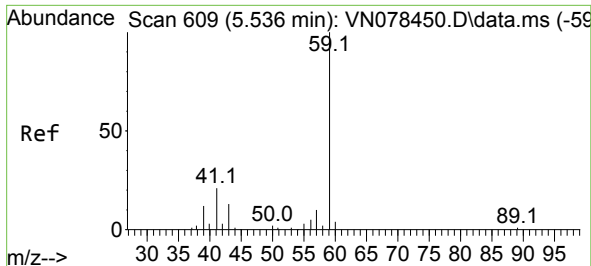
Tgt Ion:101 Resp: 104838
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 80.7 57.6 86.4



#10
Methyl Iodide
Concen: 17.175 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion:142 Resp: 142873
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 17.3 11.4 17.0#

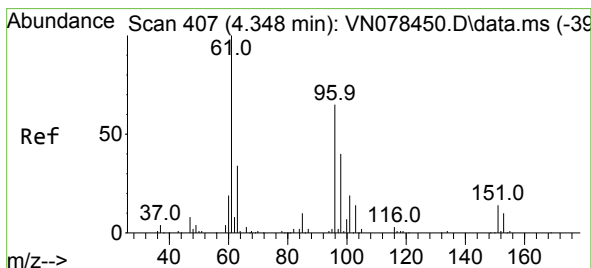
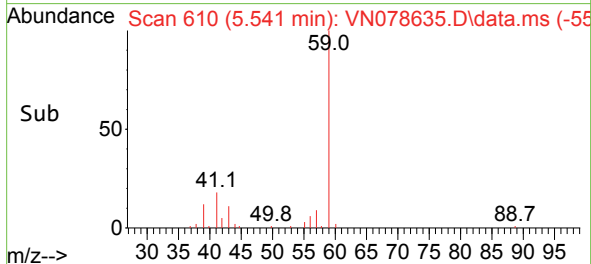
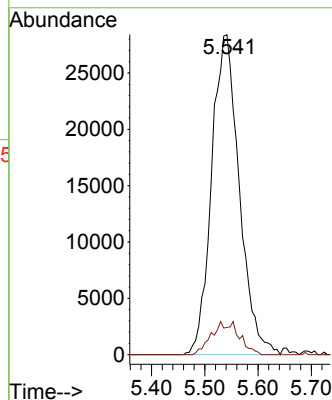
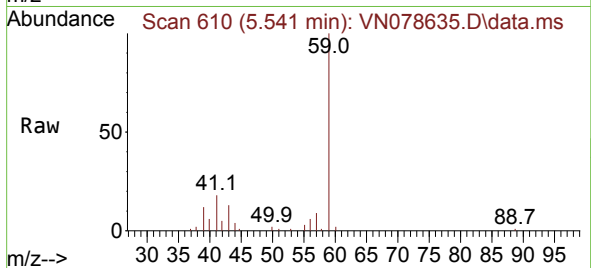




#11
Tert butyl alcohol
Concen: 89.301 ug/l
RT: 5.541 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

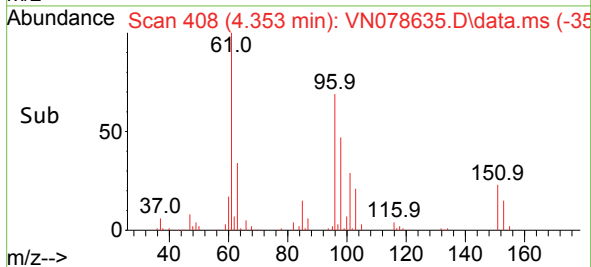
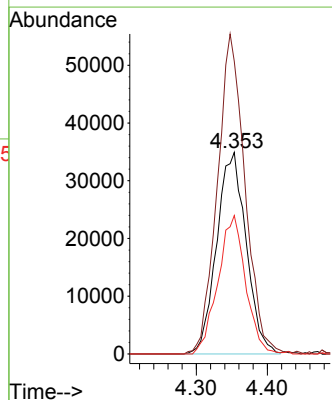
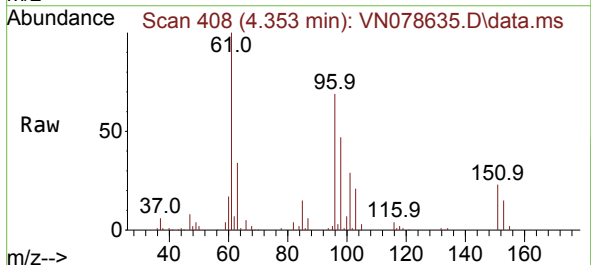
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

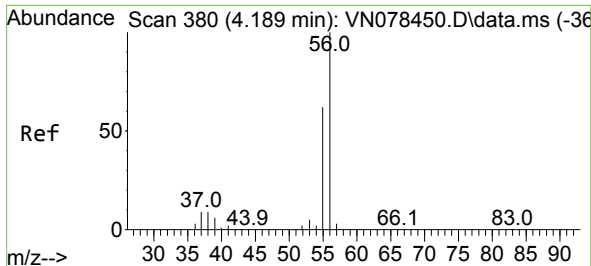
Tgt Ion: 59 Resp: 102451
Ion Ratio Lower Upper
59 100
57 5.9 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 17.164 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 96 Resp: 100513
Ion Ratio Lower Upper
96 100
61 145.2 112.7 169.1
98 68.7 51.2 76.8

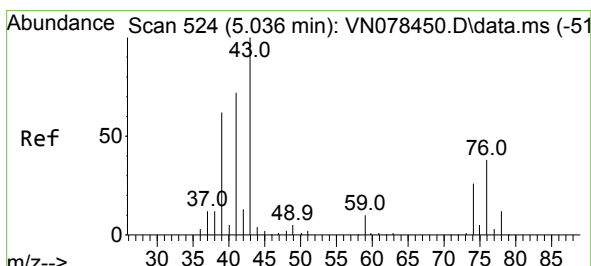
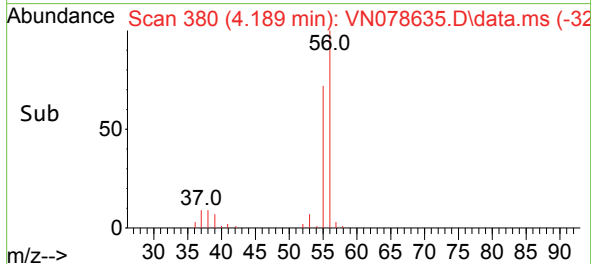
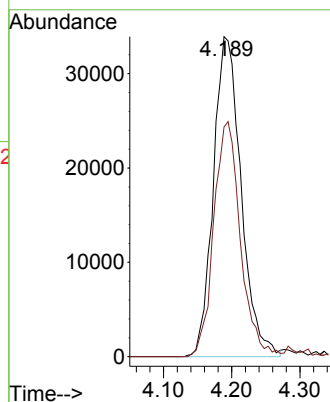
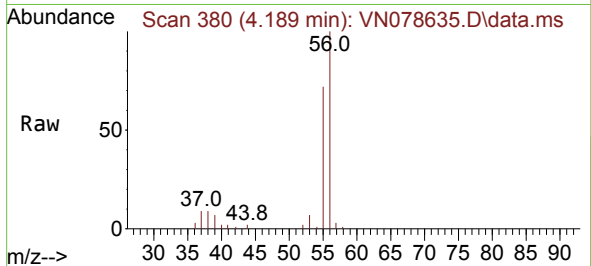




#13
Acrolein
Concen: 84.952 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

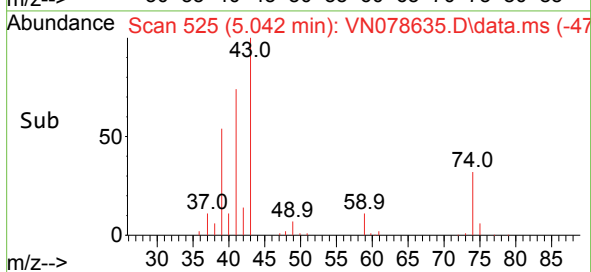
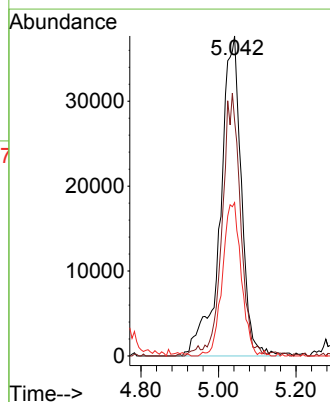
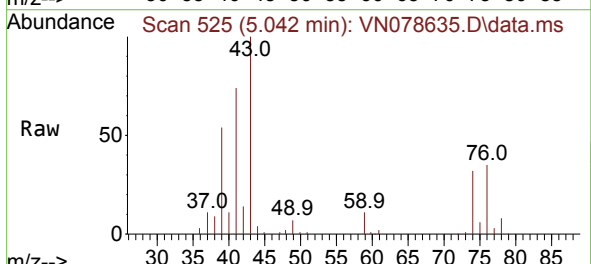
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

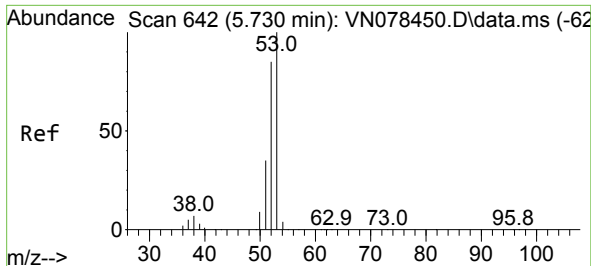
Tgt Ion: 56 Resp: 95889
Ion Ratio Lower Upper
56 100
55 70.6 54.5 81.7



#14
Allyl chloride
Concen: 17.762 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 41 Resp: 142126
Ion Ratio Lower Upper
41 100
39 70.4 58.8 88.2
76 42.7 39.1 58.7

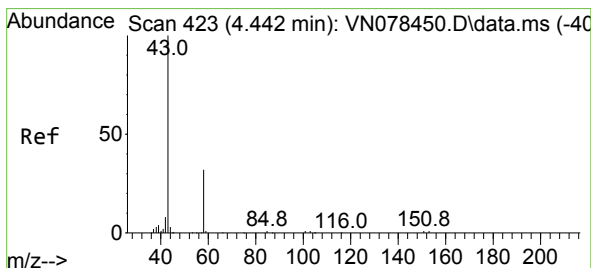
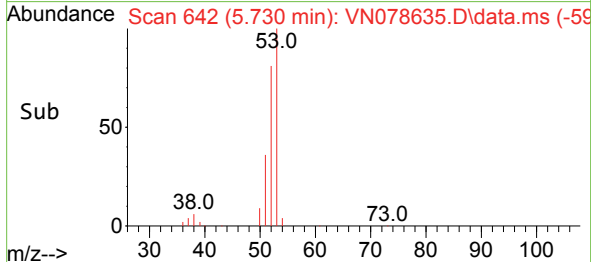
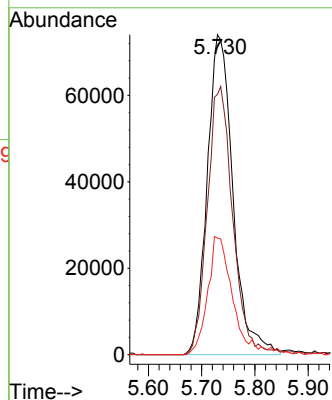
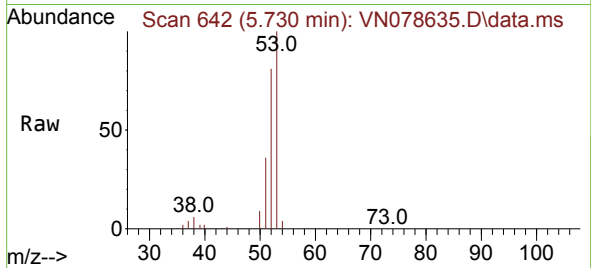




#15
Acrylonitrile
Concen: 85.633 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

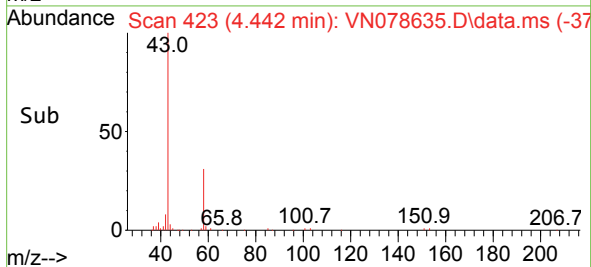
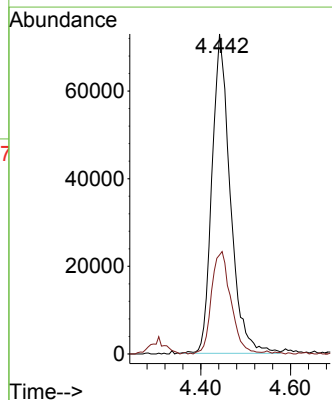
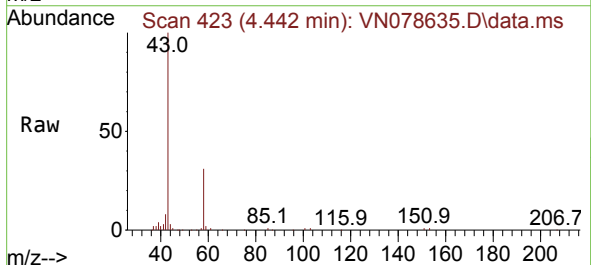
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

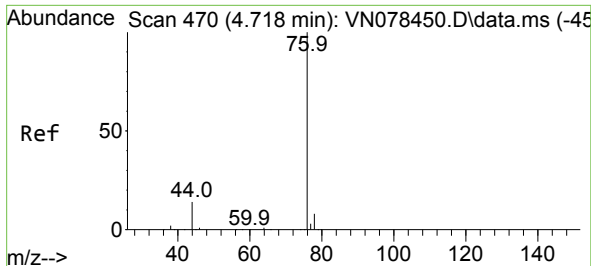
Tgt Ion: 53 Resp: 248222
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 35.4 28.9 43.3



#16
Acetone
Concen: 89.055 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 43 Resp: 206388
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0

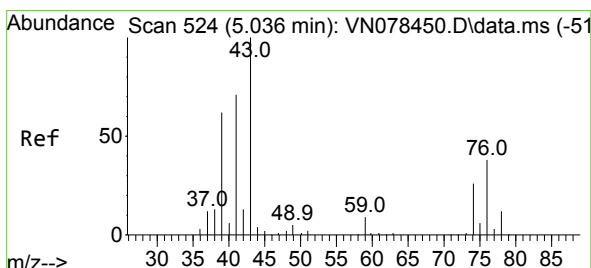
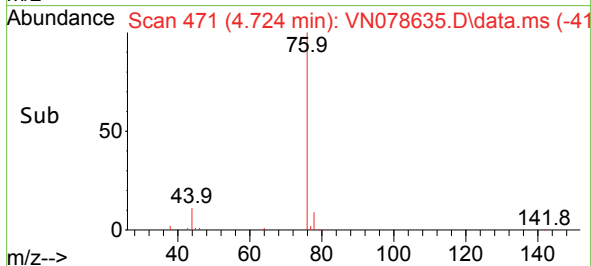
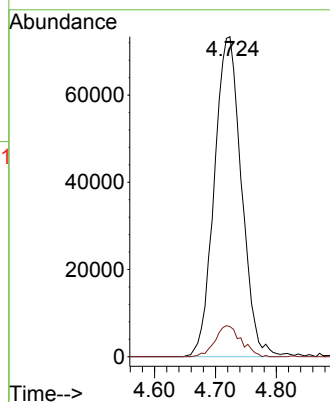
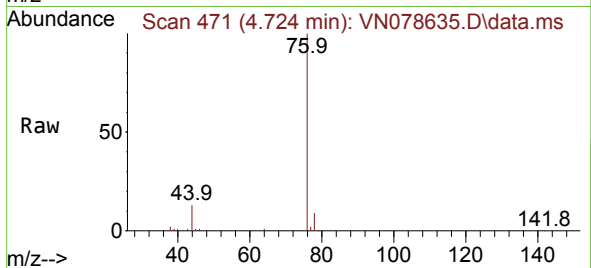




#17
Carbon Disulfide
Concen: 13.418 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

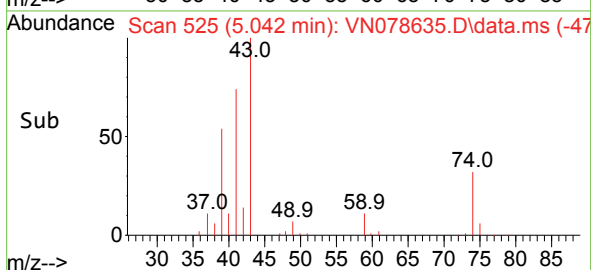
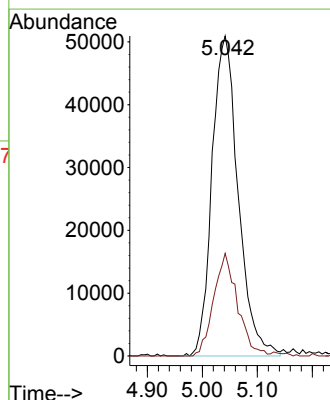
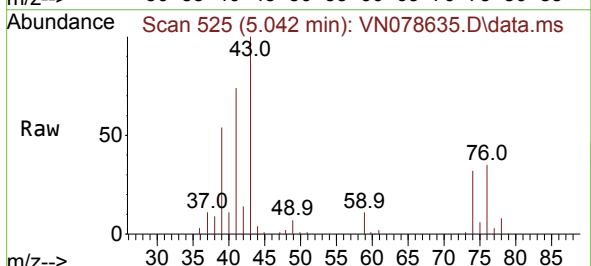
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

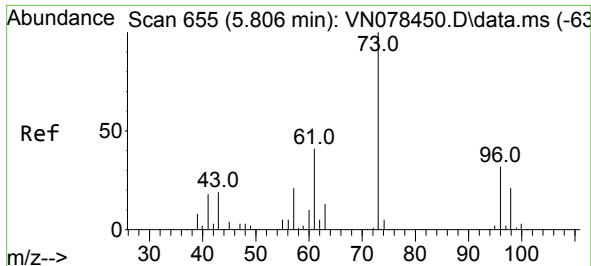
Tgt Ion: 76 Resp: 227212
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 17.162 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 43 Resp: 168367
Ion Ratio Lower Upper
43 100
74 29.2 26.2 39.4

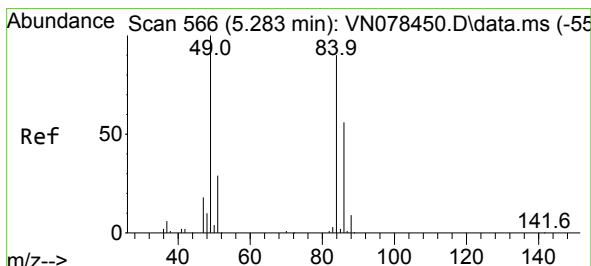
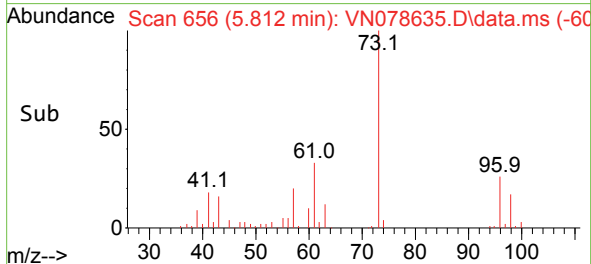
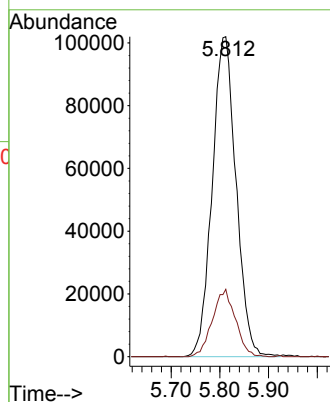
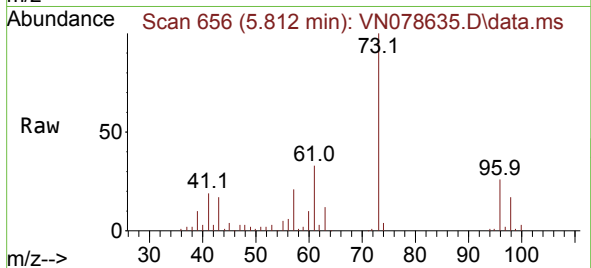




#19
Methyl tert-butyl Ether
Concen: 17.968 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

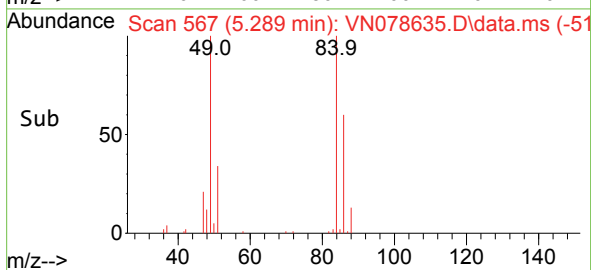
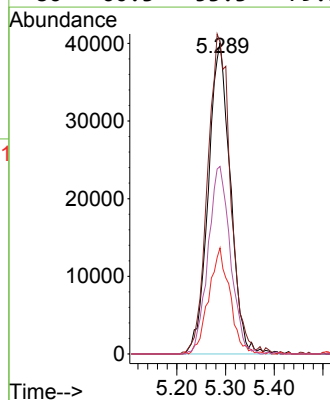
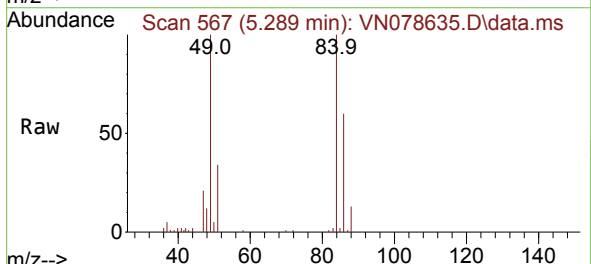
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

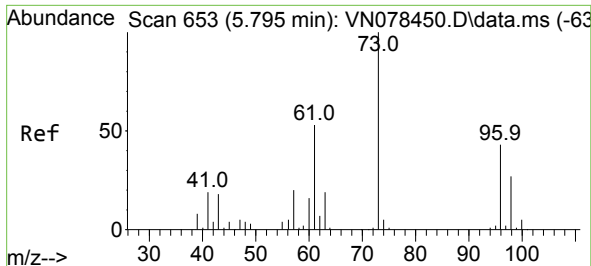
Tgt Ion: 73 Resp: 346685
Ion Ratio Lower Upper
73 100
57 21.1 15.6 23.4



#20
Methylene Chloride
Concen: 18.163 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 84 Resp: 125915
Ion Ratio Lower Upper
84 100
49 100.2 79.7 119.5
51 34.1 25.2 37.8
86 60.3 53.3 79.9

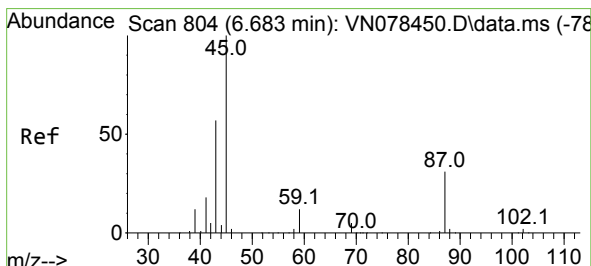
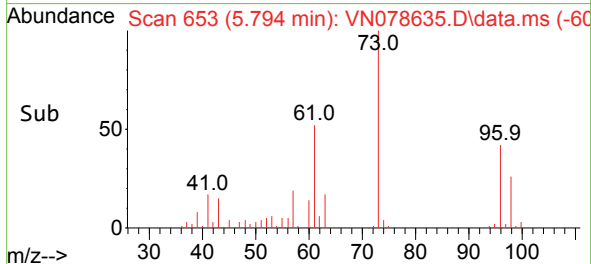
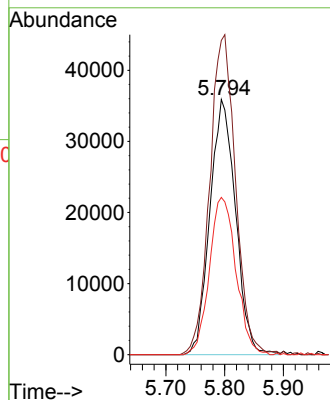
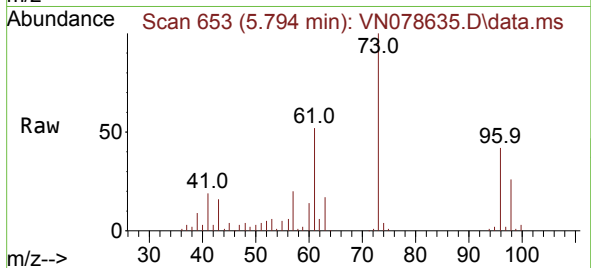




#21
trans-1,2-Dichloroethene
Concen: 16.492 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

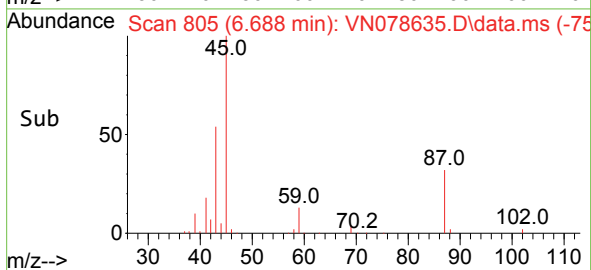
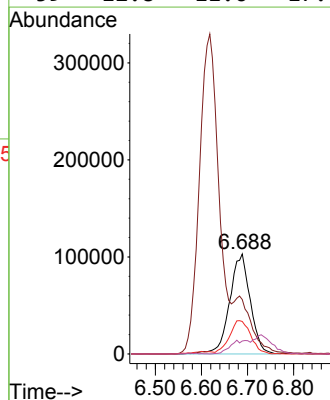
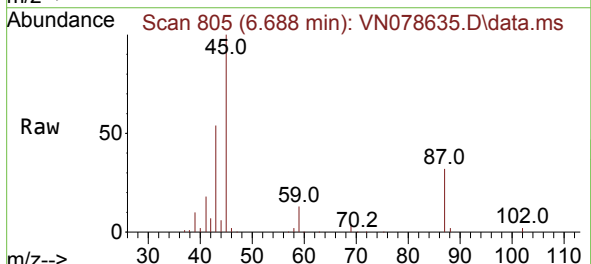
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

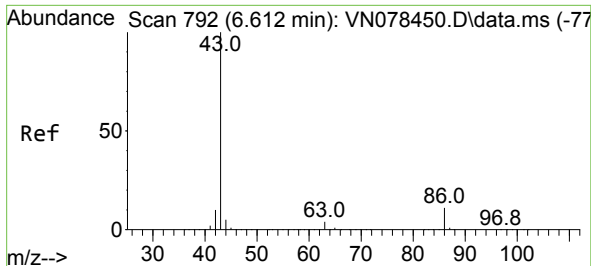
Tgt Ion: 96 Resp: 108832
Ion Ratio Lower Upper
96 100
61 123.2 90.1 135.1
98 61.6 46.4 69.6



#22
Diisopropyl ether
Concen: 17.840 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.005 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 45 Resp: 319650
Ion Ratio Lower Upper
45 100
43 53.4 45.5 68.3
87 32.3 31.8 47.8
59 12.8 11.6 17.4

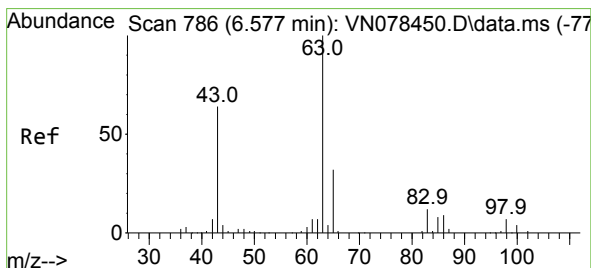
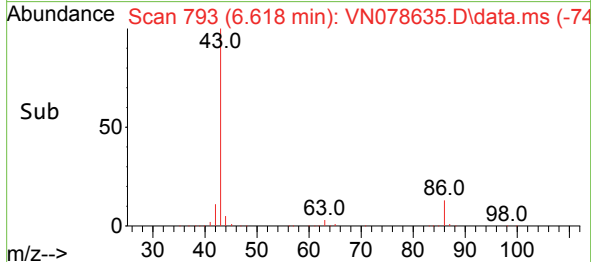
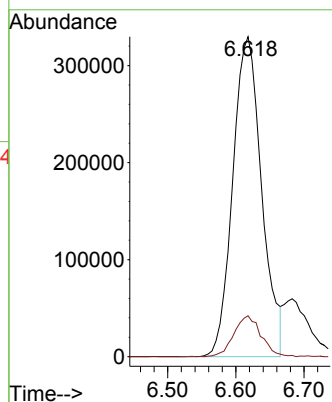
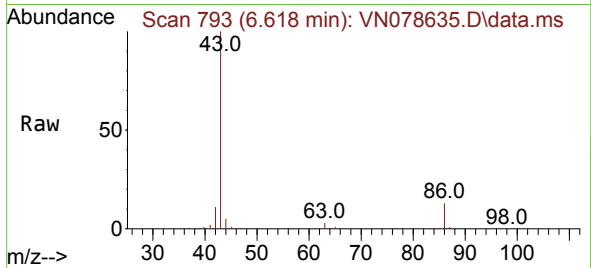




#23
 Vinyl Acetate
 Concen: 85.200 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078635.D
 Acq: 24 Jul 2023 13:53

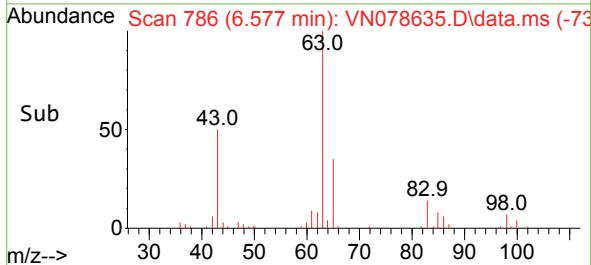
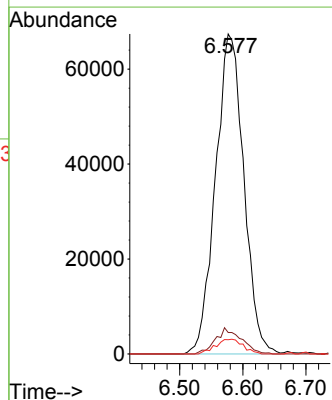
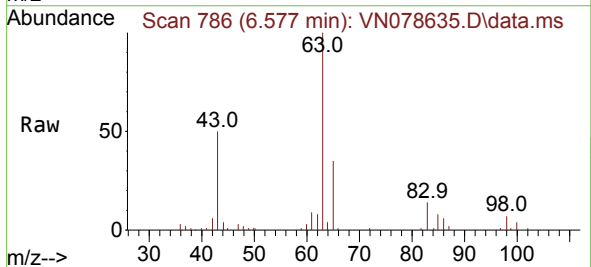
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724MBSD02

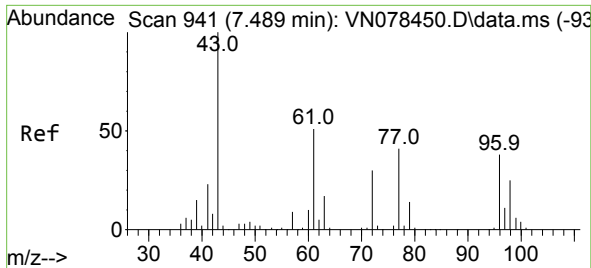
Tgt Ion: 43 Resp: 970476
 Ion Ratio Lower Upper
 43 100
 86 12.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 17.363 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078635.D
 Acq: 24 Jul 2023 13:53

Tgt Ion: 63 Resp: 209626
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.4 2.5 7.4

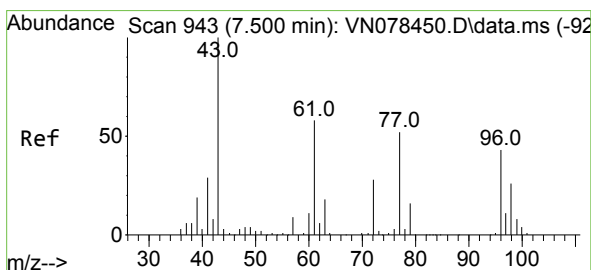
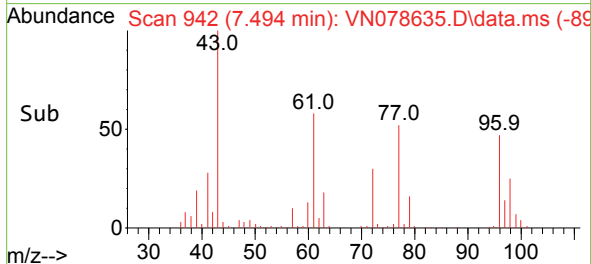
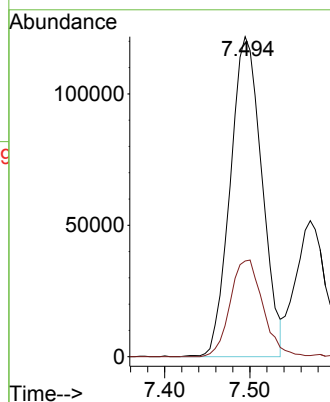
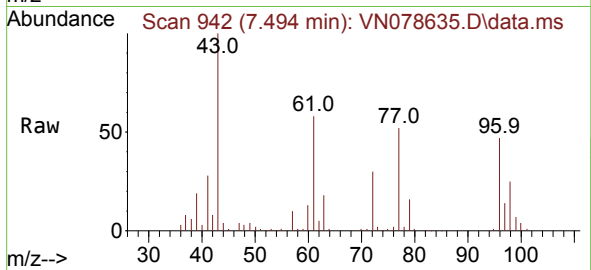




#25
2-Butanone
Concen: 86.168 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

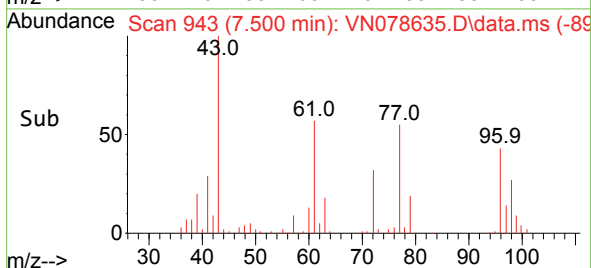
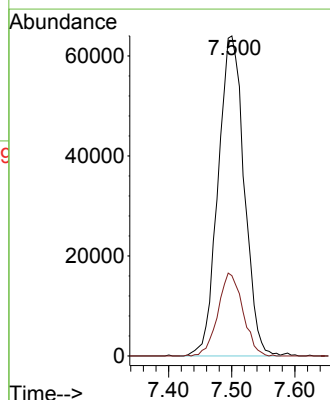
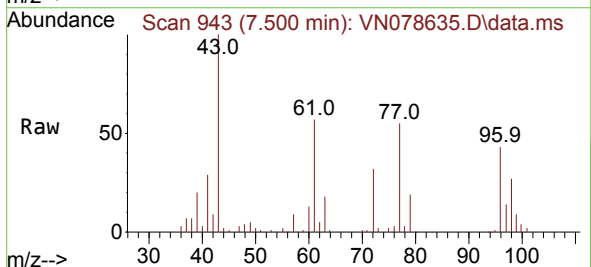
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

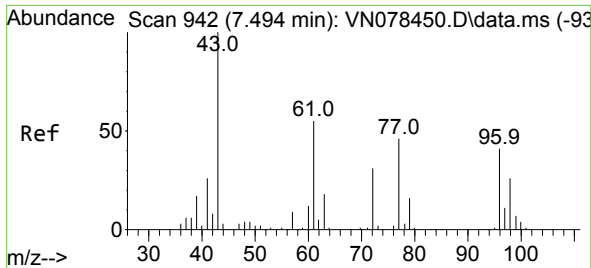
Tgt Ion: 43 Resp: 314350
Ion Ratio Lower Upper
43 100
72 29.9 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 18.604 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 77 Resp: 183708
Ion Ratio Lower Upper
77 100
97 24.7 11.2 33.6



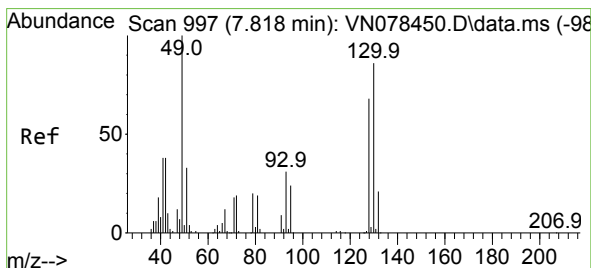
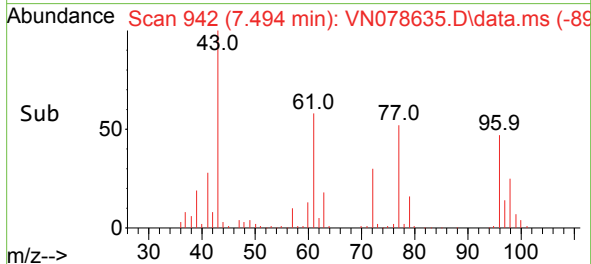
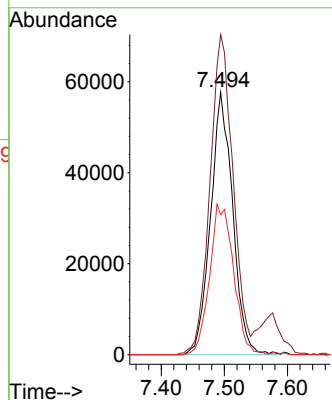
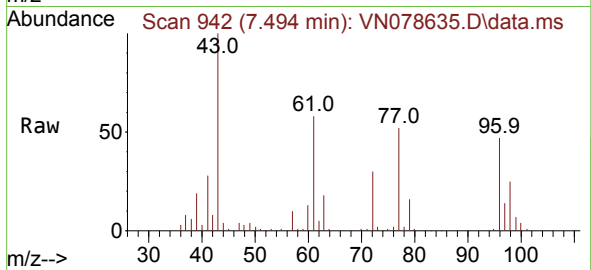


#27
 cis-1,2-Dichloroethene
 Concen: 18.426 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078635.D
 Acq: 24 Jul 2023 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724MBSD02

Tgt Ion: 96 Resp: 140657

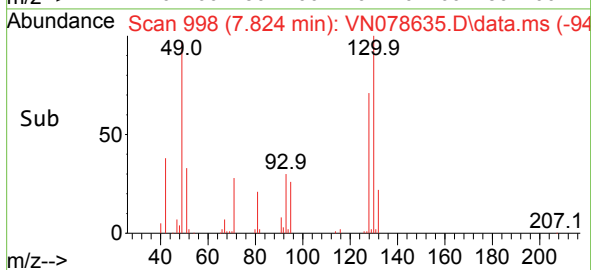
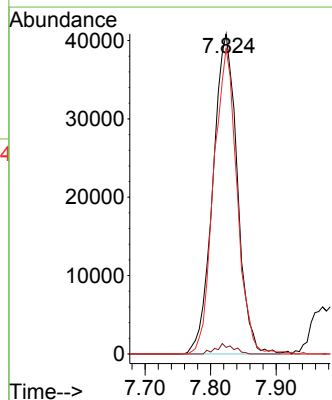
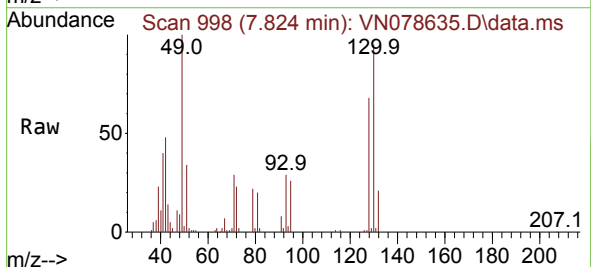
Ion	Ratio	Lower	Upper
96	100		
61	127.1	0.0	255.2
98	62.0	0.0	128.8



#28
 Bromochloromethane
 Concen: 18.446 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078635.D
 Acq: 24 Jul 2023 13:53

Tgt Ion: 49 Resp: 104894

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	91.9	75.3	112.9





#29

Tetrahydrofuran

Concen: 84.630 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

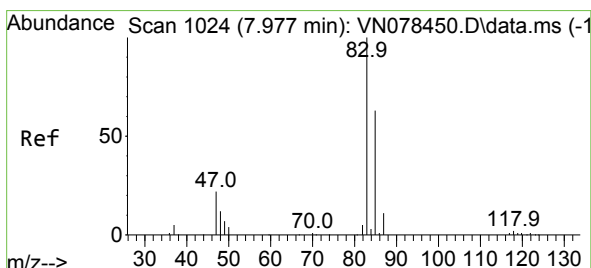
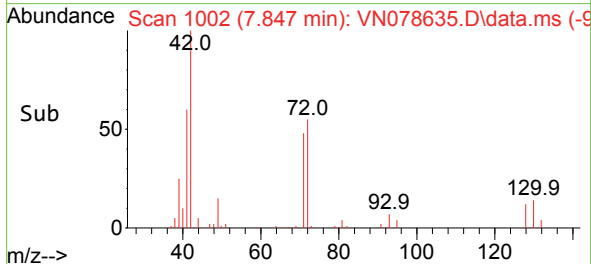
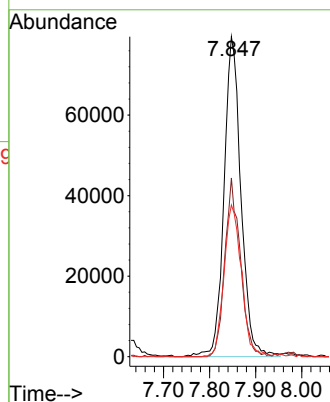
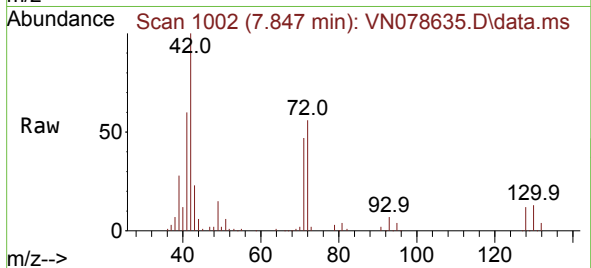
Tgt Ion: 42 Resp: 202586

Ion Ratio Lower Upper

42 100

72 51.4 49.8 74.6

71 48.9 47.4 71.2



#30

Chloroform

Concen: 18.574 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078635.D

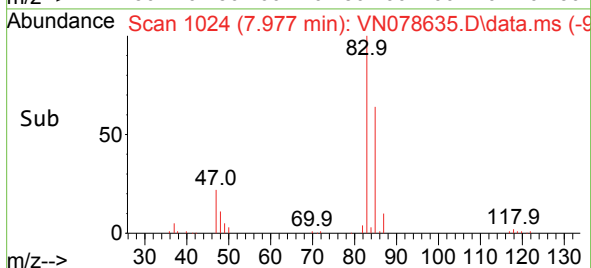
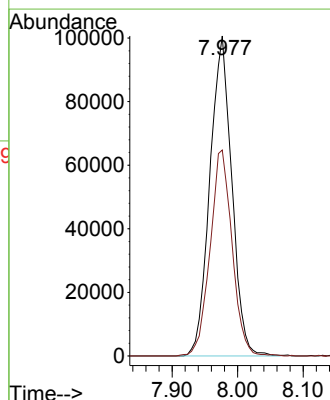
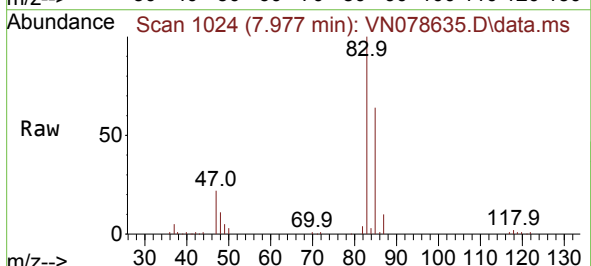
Acq: 24 Jul 2023 13:53

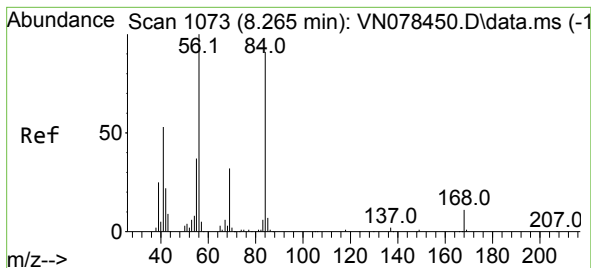
Tgt Ion: 83 Resp: 233458

Ion Ratio Lower Upper

83 100

85 64.2 55.4 83.0

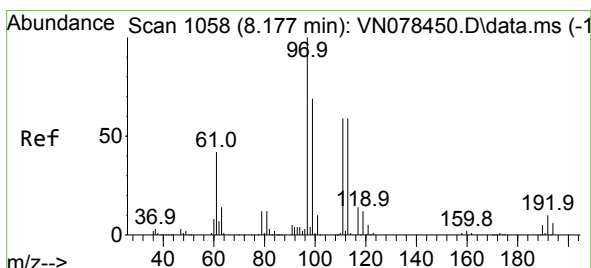
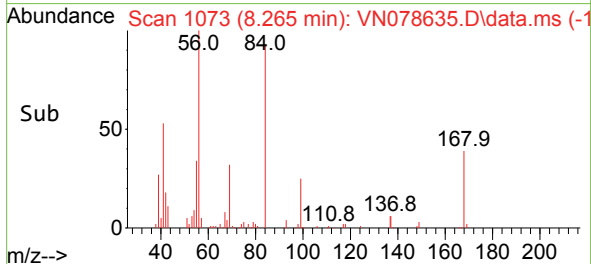
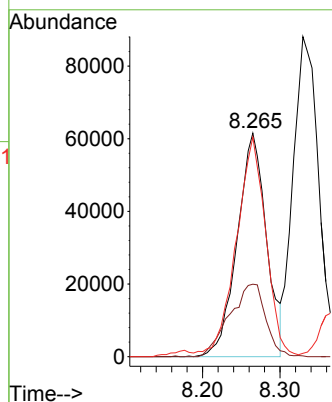
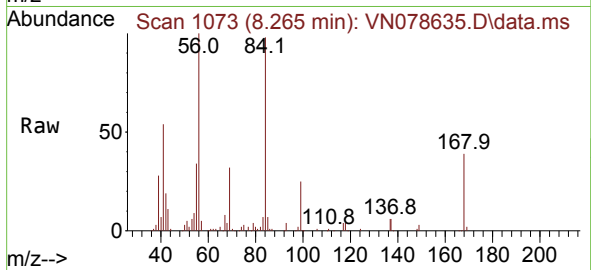




#31
Cyclohexane
Concen: 16.052 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

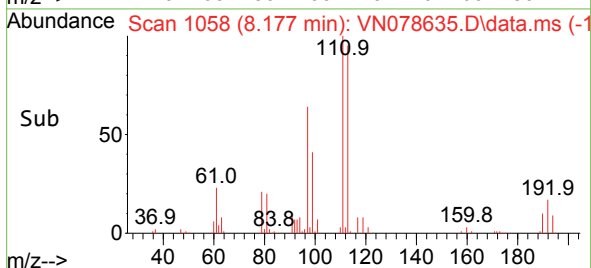
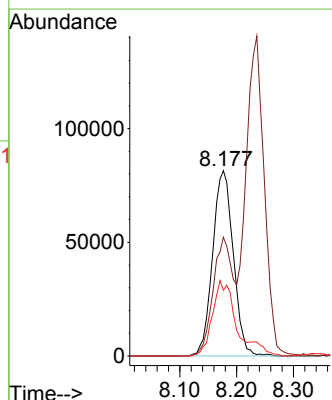
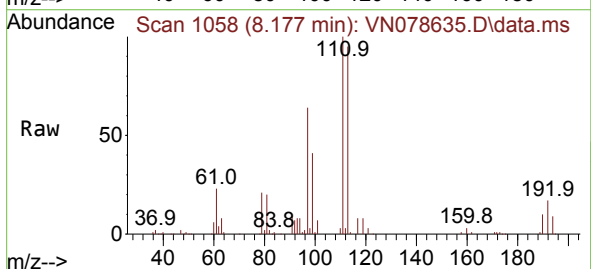
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

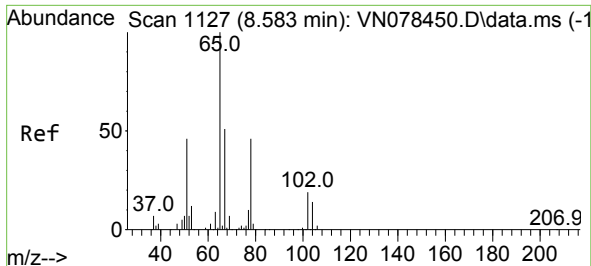
Tgt Ion: 56 Resp: 161400
Ion Ratio Lower Upper
56 100
69 31.9 26.8 40.2
84 95.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.268 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 97 Resp: 205870
Ion Ratio Lower Upper
97 100
99 62.5 50.3 75.5
61 47.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.608 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

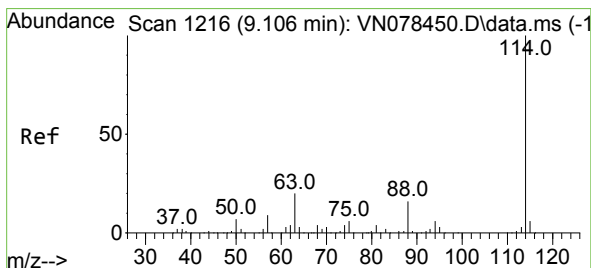
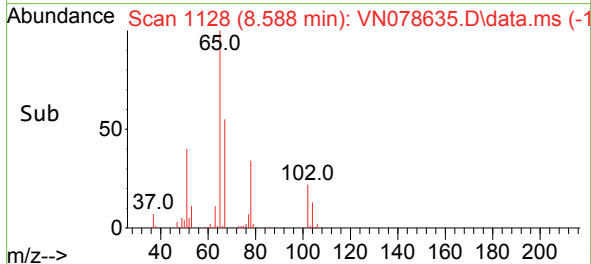
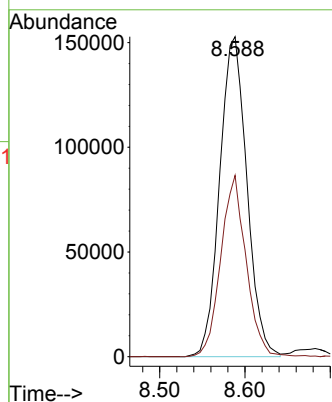
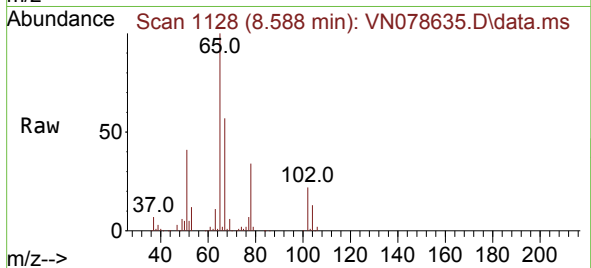
VN0724MBS02

Tgt Ion: 65 Resp: 339323

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

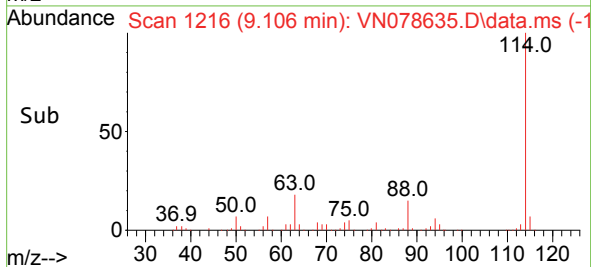
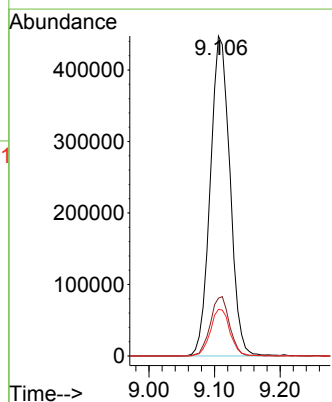
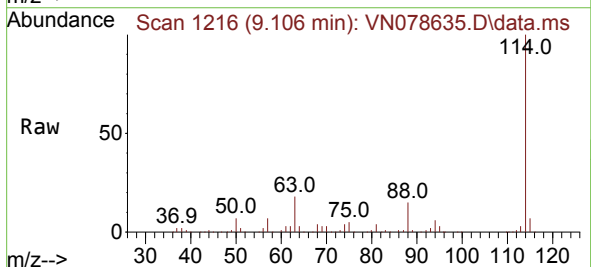
Tgt Ion: 114 Resp: 930699

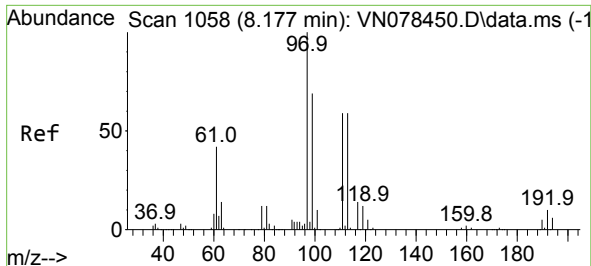
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.424 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

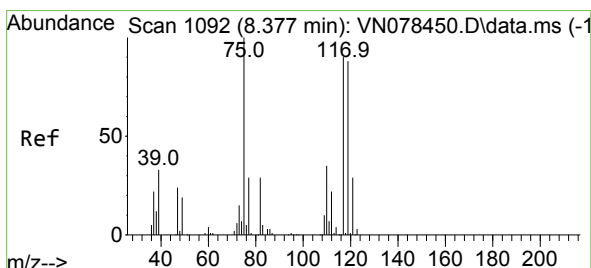
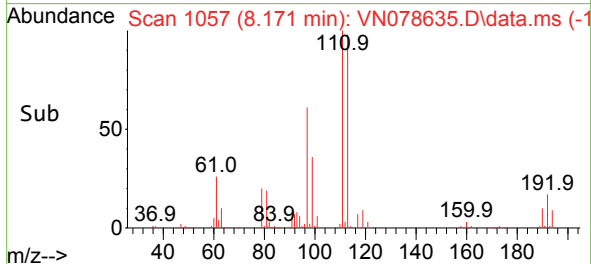
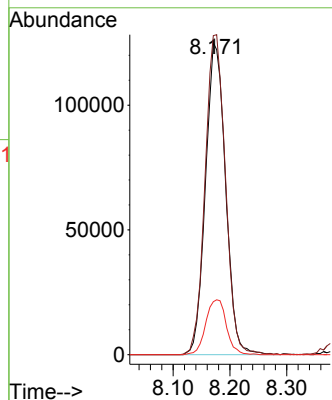
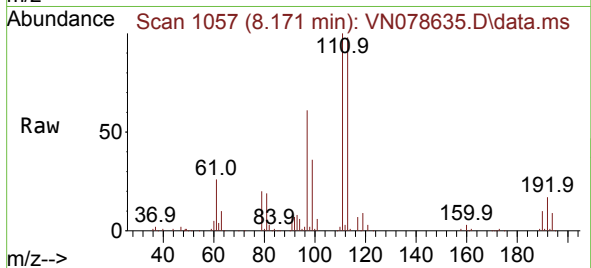
Tgt Ion:113 Resp: 305936

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 18.1 12.7 19.1



#36

1,1-Dichloropropene

Concen: 17.680 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.005 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

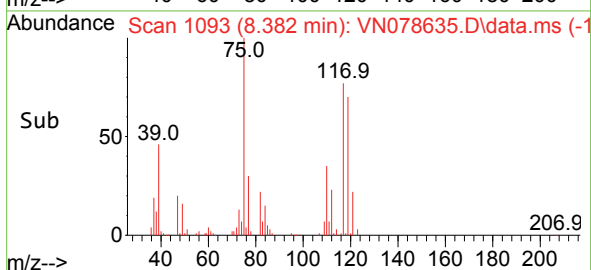
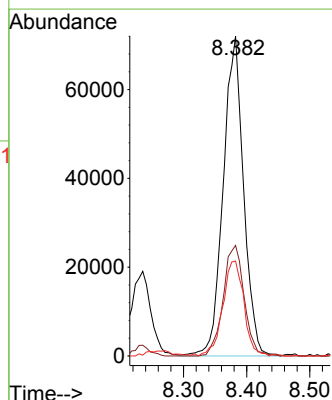
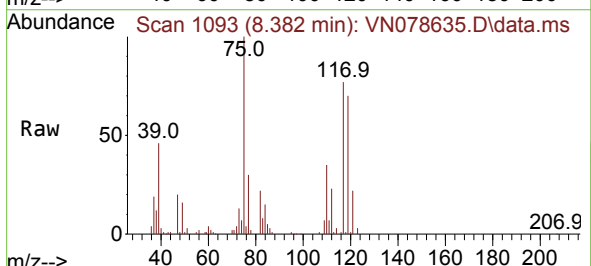
Tgt Ion: 75 Resp: 161286

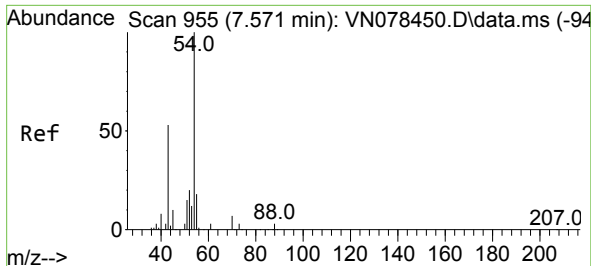
Ion Ratio Lower Upper

75 100

110 35.6 19.1 57.3

77 30.6 25.0 37.4

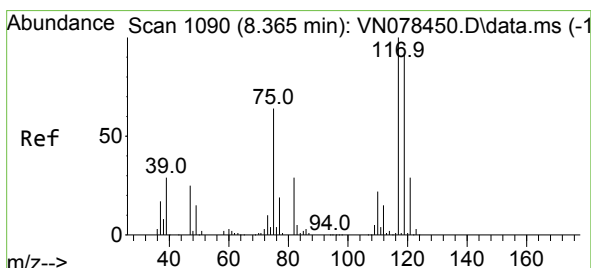
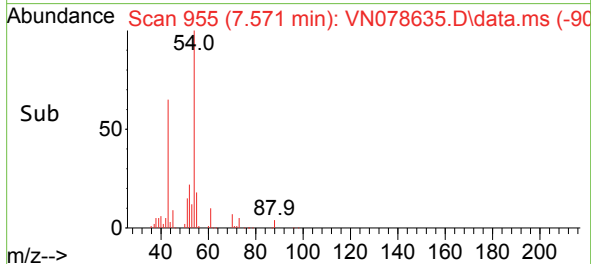
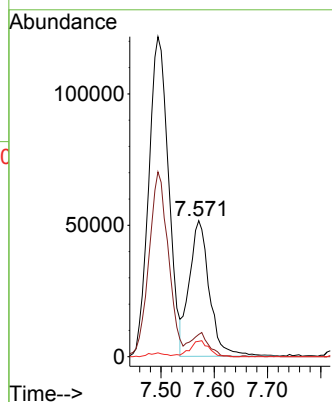
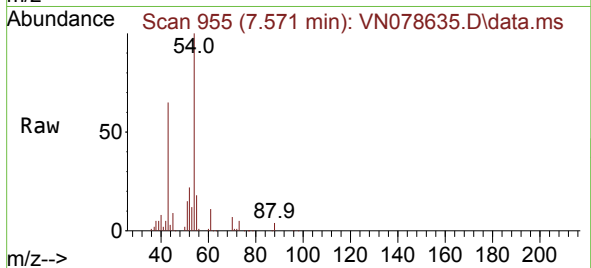




#37
Ethyl Acetate
Concen: 17.825 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

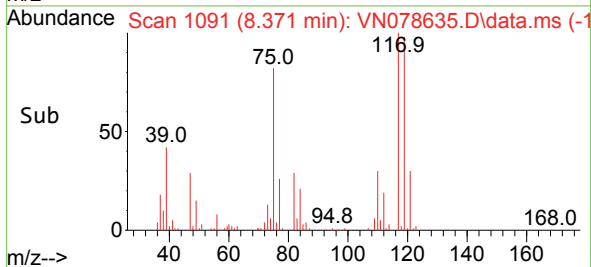
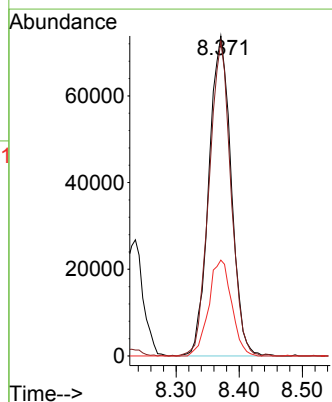
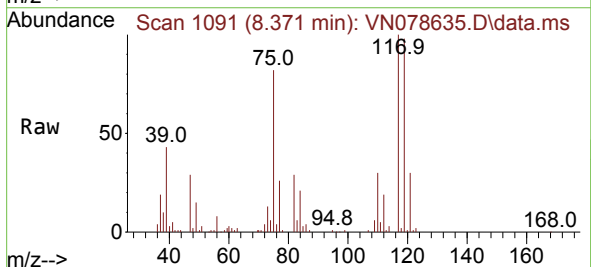
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

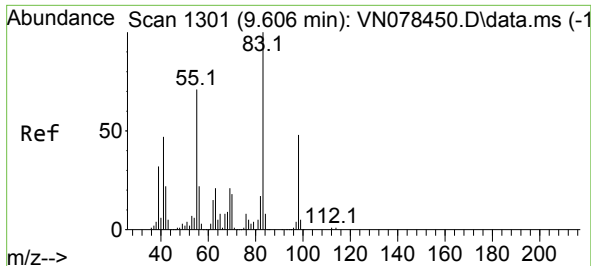
Tgt Ion: 43 Resp: 135551
Ion Ratio Lower Upper
43 100
61 14.9 13.2 19.8
70 11.1 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 18.292 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 117 Resp: 181362
Ion Ratio Lower Upper
117 100
119 98.3 77.3 115.9
121 29.9 23.3 34.9

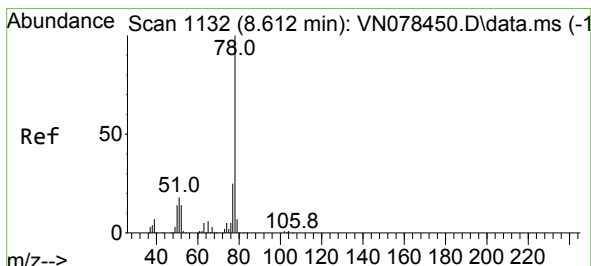
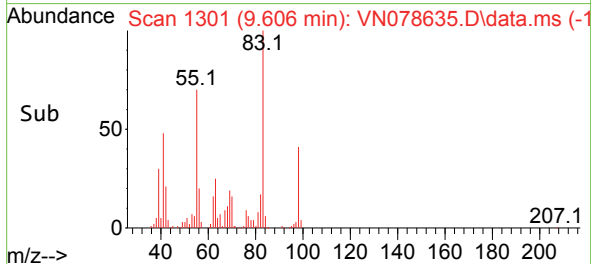
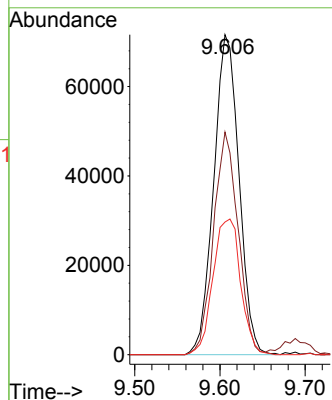
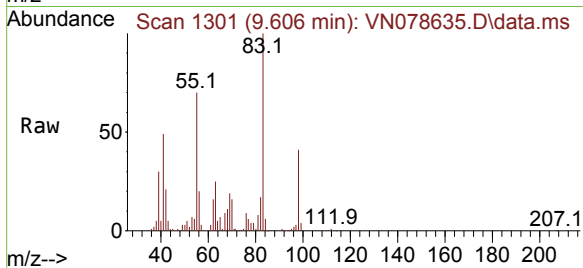




#39
Methylcyclohexane
Concen: 17.757 ug/l
RT: 9.606 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

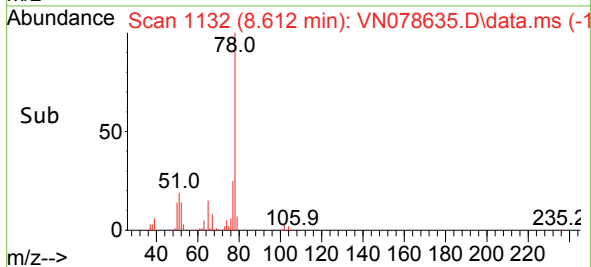
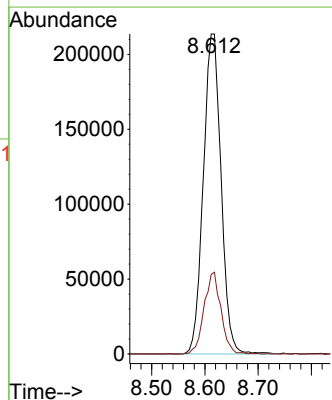
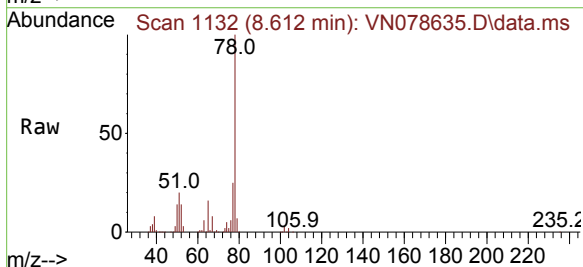
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

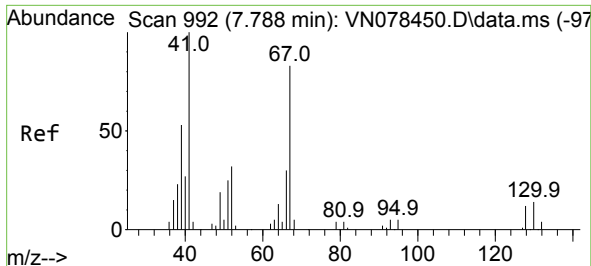
Tgt Ion: 83 Resp: 147859
Ion Ratio Lower Upper
83 100
55 69.6 49.1 73.7
98 41.5 40.6 61.0



#40
Benzene
Concen: 18.316 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 78 Resp: 495006
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.6

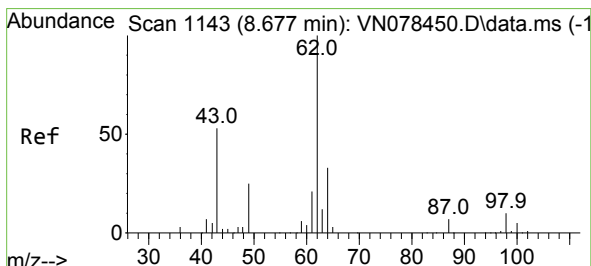
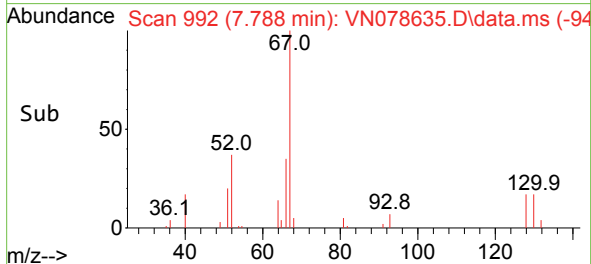
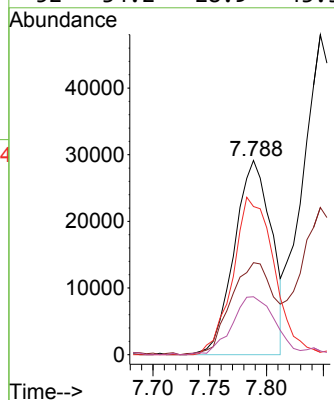
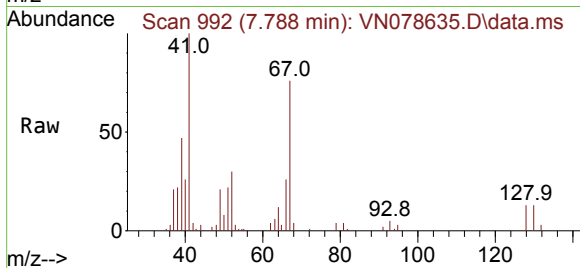




#41
Methacrylonitrile
Concen: 17.139 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

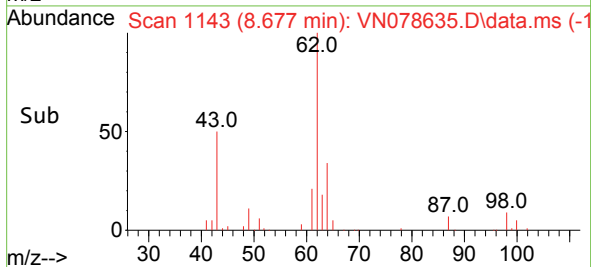
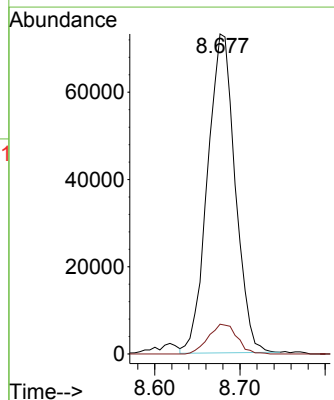
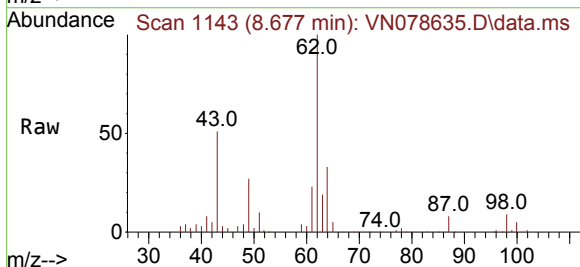
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

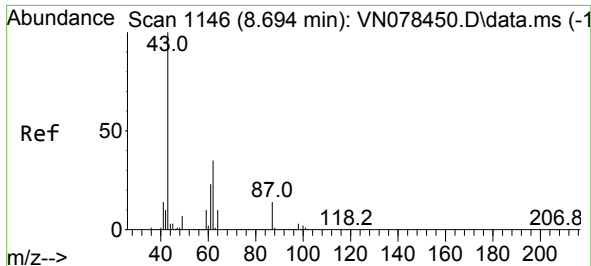
Tgt Ion:	41	Resp:	66442
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.6	64.0
67	90.9	77.5	116.3
52	34.2	28.9	43.3



#42
1,2-Dichloroethane
Concen: 17.942 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion:	62	Resp:	164929
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8

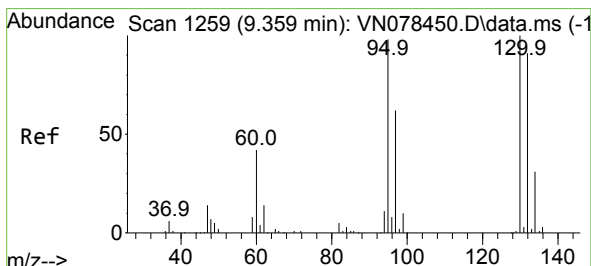
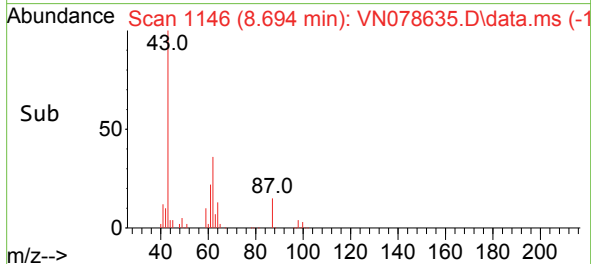
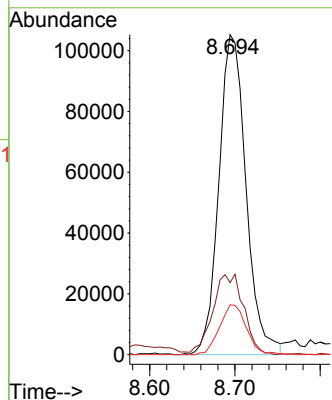
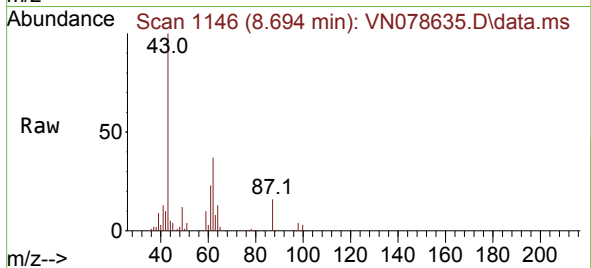




#43
Isopropyl Acetate
Concen: 18.647 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

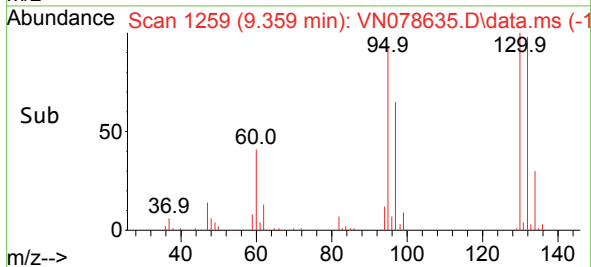
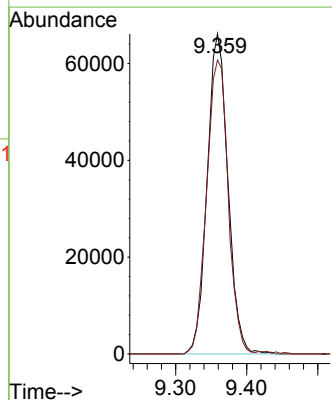
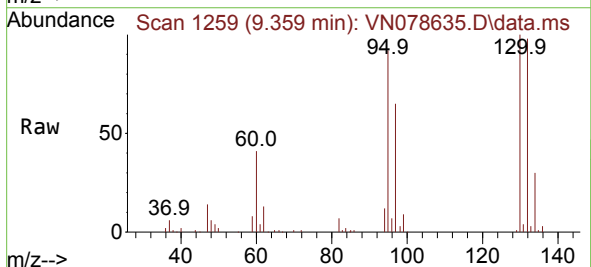
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

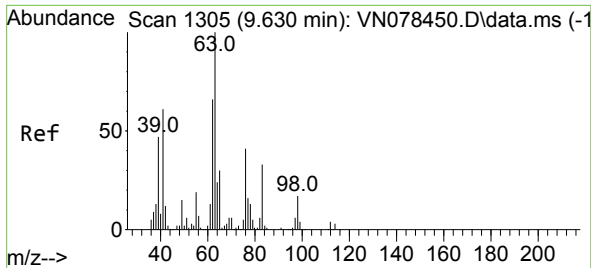
Tgt Ion: 43 Resp: 233466
Ion Ratio Lower Upper
43 100
61 28.3 24.7 37.1
87 15.5 14.6 21.8



#44
Trichloroethene
Concen: 18.427 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion:130 Resp: 134223
Ion Ratio Lower Upper
130 100
95 91.9 0.0 204.6

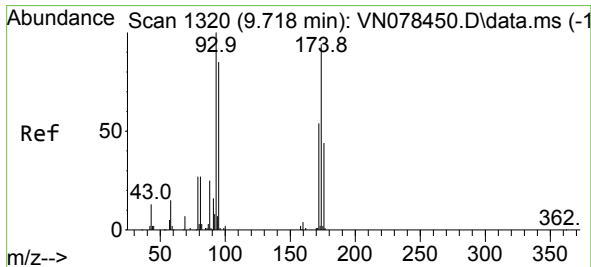
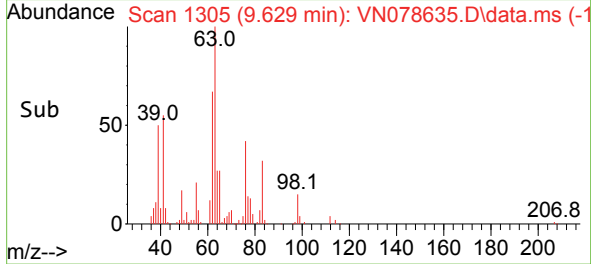
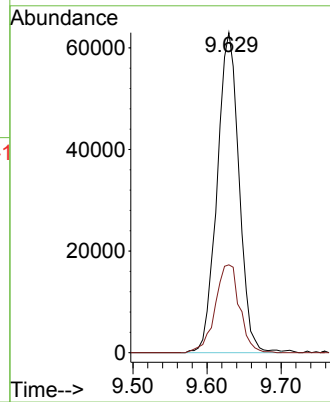
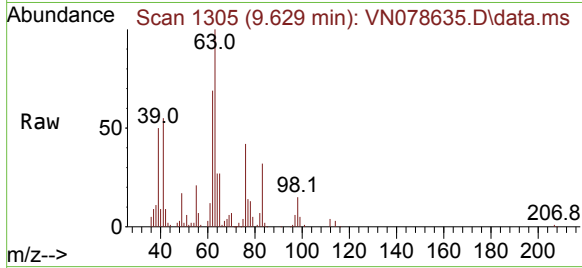




#45
1,2-Dichloropropane
Concen: 18.903 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

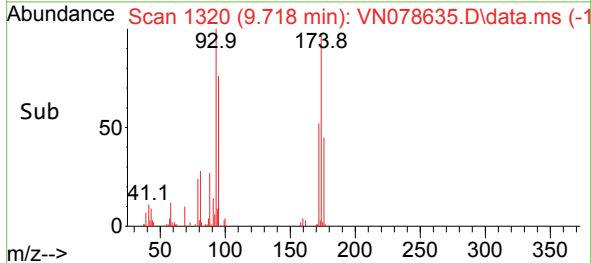
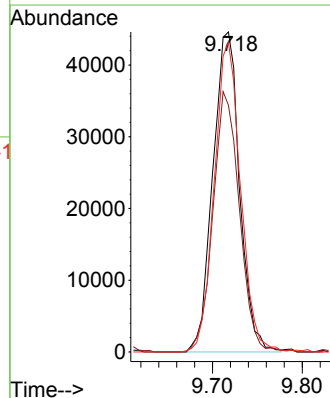
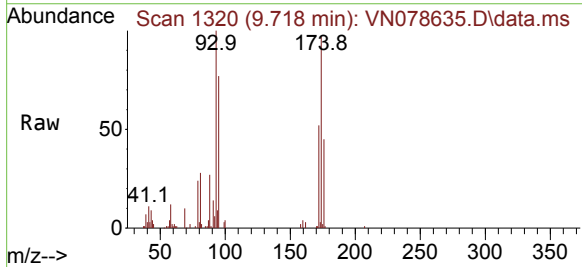
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

Tgt Ion: 63 Resp: 129393
Ion Ratio Lower Upper
63 100
65 27.5 23.9 35.9



#46
Dibromomethane
Concen: 19.143 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 93 Resp: 92223
Ion Ratio Lower Upper
93 100
95 80.4 63.8 95.8
174 95.2 65.6 98.4





#47

Bromodichloromethane

Concen: 19.266 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBSD02

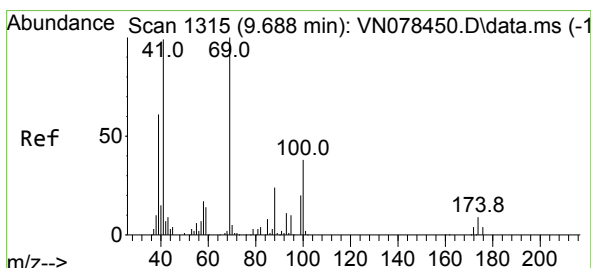
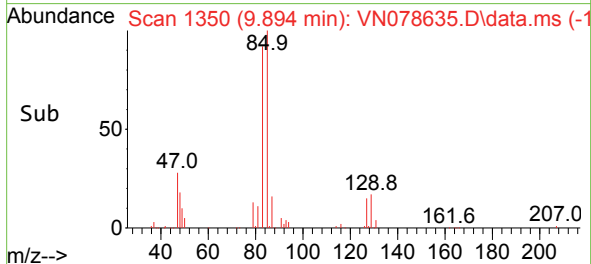
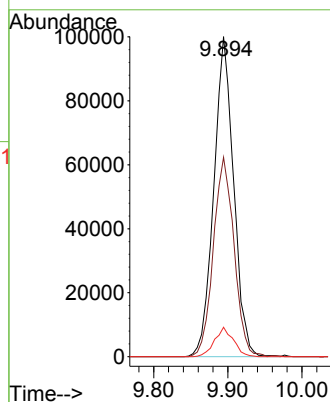
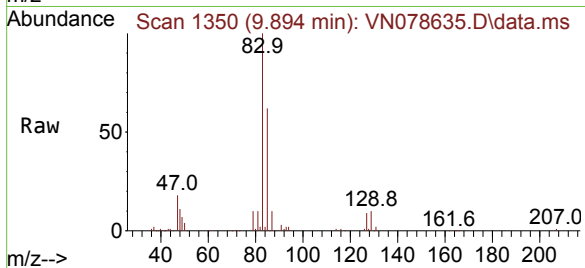
Tgt Ion: 83 Resp: 186058

Ion Ratio Lower Upper

83 100

85 62.3 49.6 74.4

127 9.2 7.0 10.6



#48

Methyl methacrylate

Concen: 17.297 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

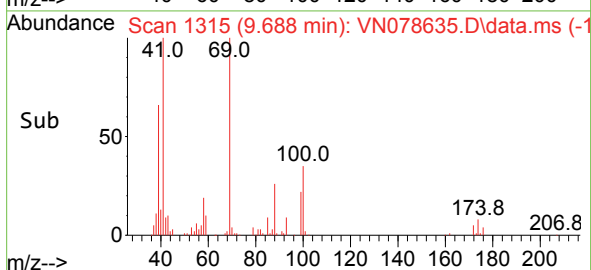
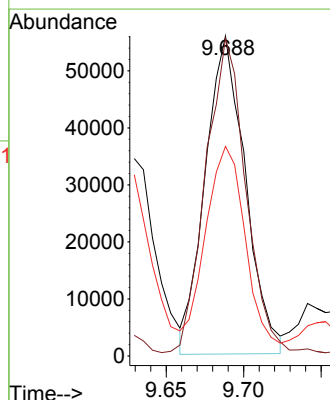
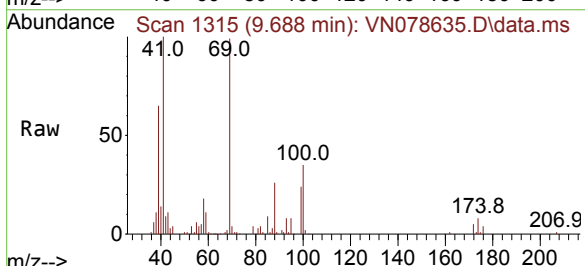
Tgt Ion: 41 Resp: 100332

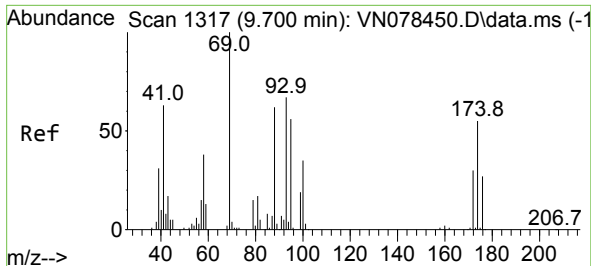
Ion Ratio Lower Upper

41 100

69 99.8 90.4 135.6

39 67.1 54.6 81.8





#49

1,4-Dioxane

Concen: 382.320 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

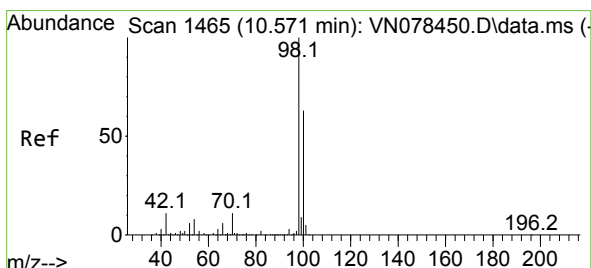
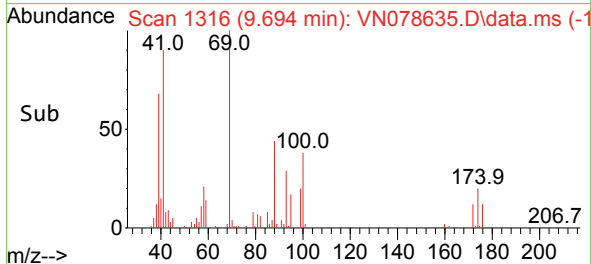
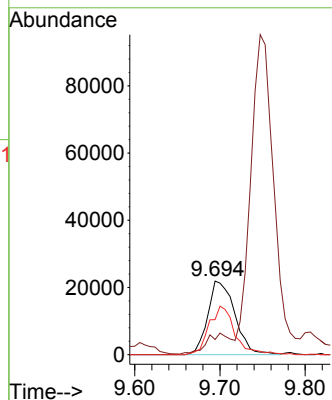
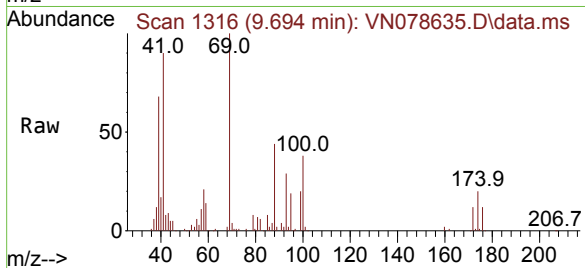
Tgt Ion: 88 Resp: 48362

Ion Ratio Lower Upper

88 100

43 26.0 17.0 25.6#

58 62.9 47.0 70.4



#50

Toluene-d8

Concen: 46.982 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078635.D

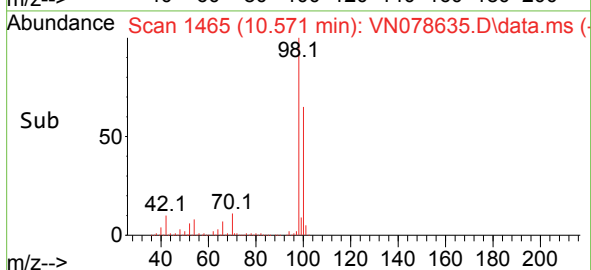
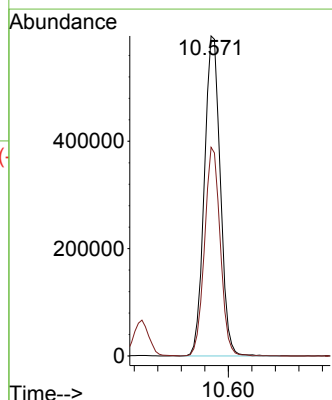
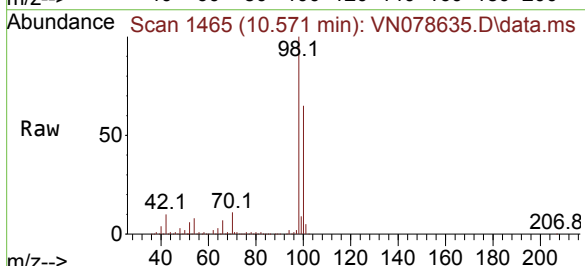
Acq: 24 Jul 2023 13:53

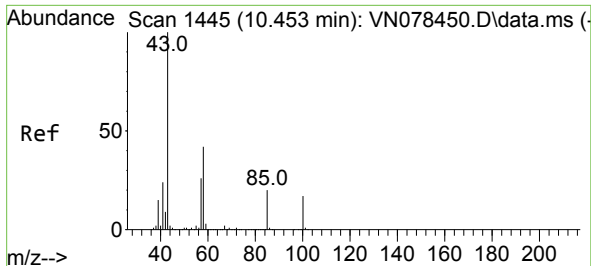
Tgt Ion: 98 Resp: 1121321

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

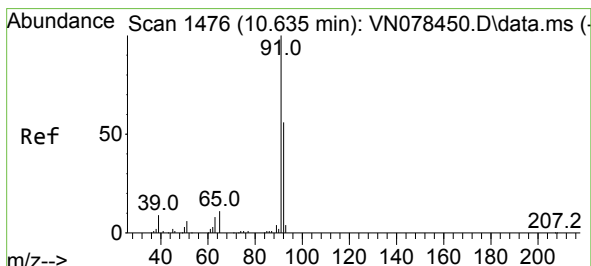
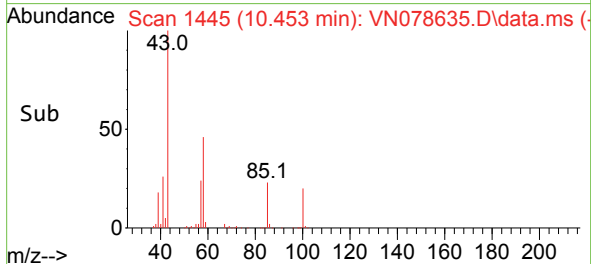
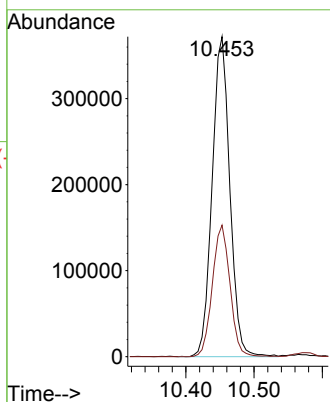
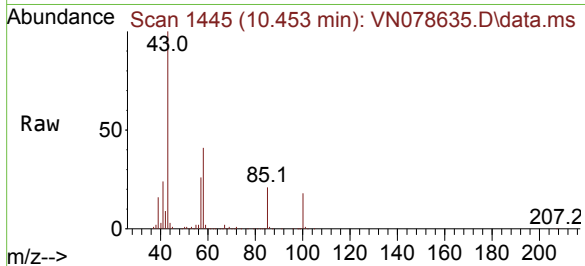




#51
4-Methyl-2-Pentanone
Concen: 90.261 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

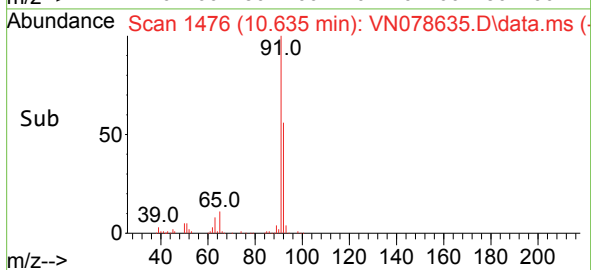
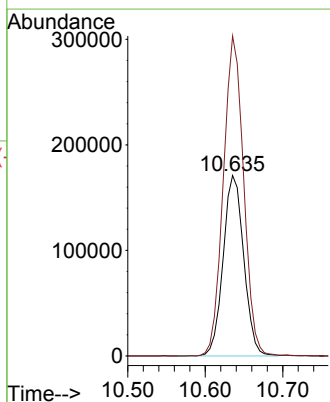
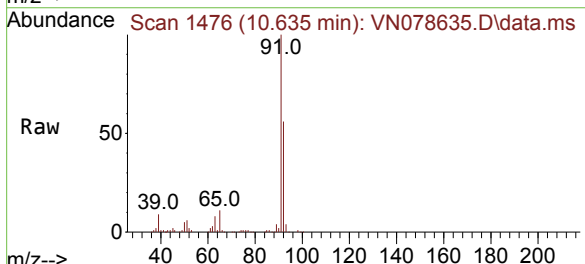
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

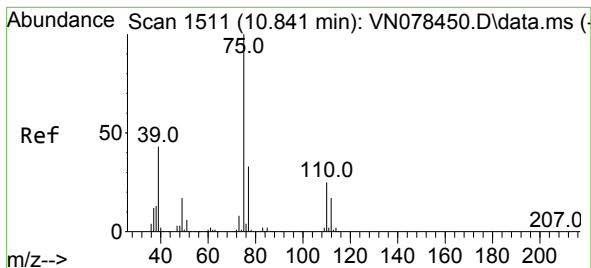
Tgt Ion: 43 Resp: 672182
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8



#52
Toluene
Concen: 18.860 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 92 Resp: 315900
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0

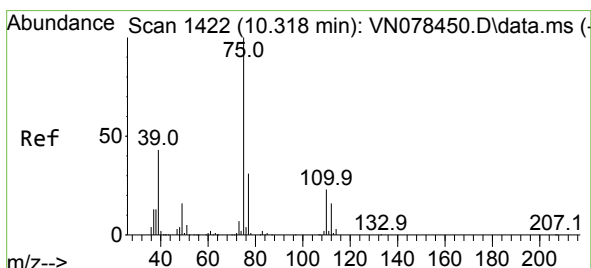
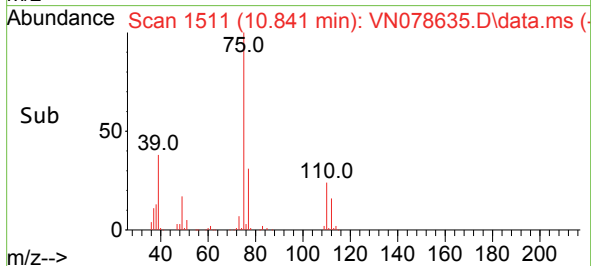
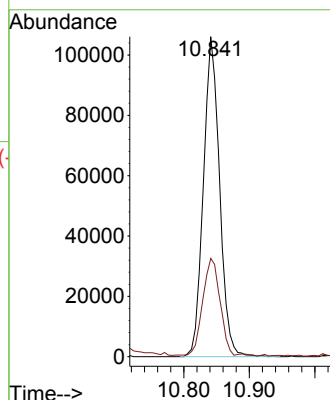
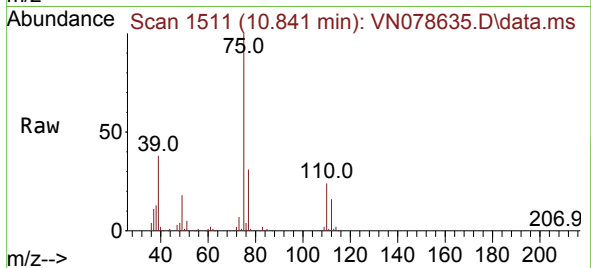




#53
t-1,3-Dichloropropene
Concen: 18.436 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

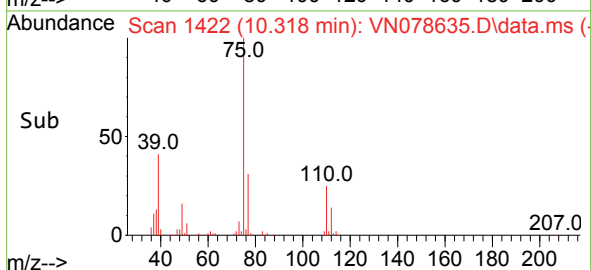
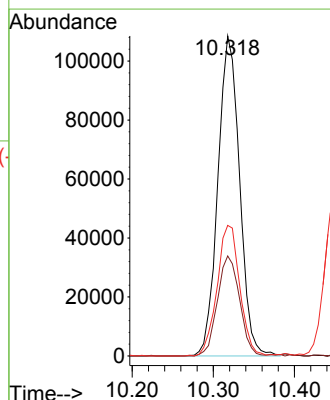
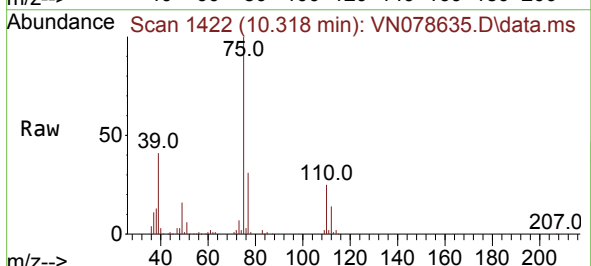
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

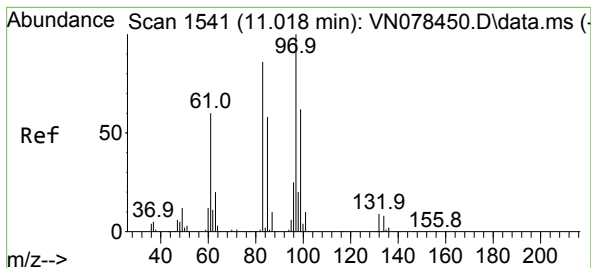
Tgt Ion: 75 Resp: 182402
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.155 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 75 Resp: 202011
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 40.8 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.853 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.005 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBSD02

Tgt Ion: 97 Resp: 131016

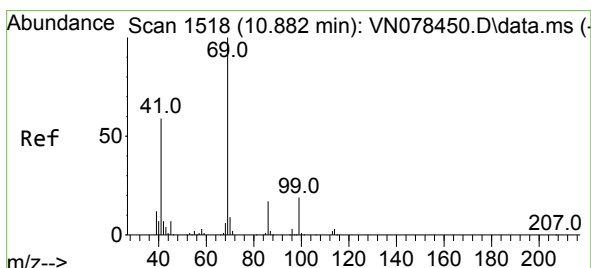
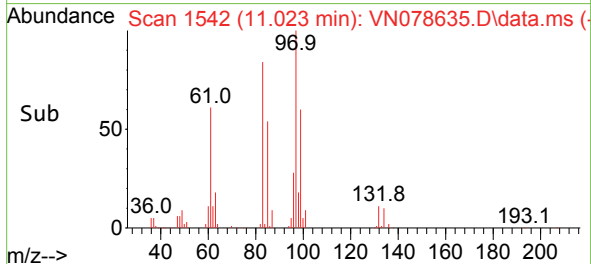
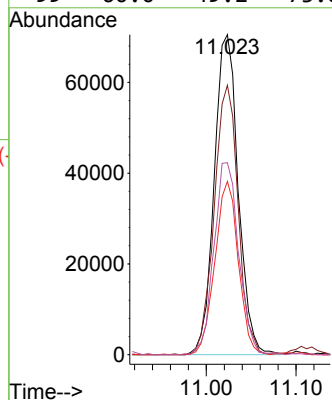
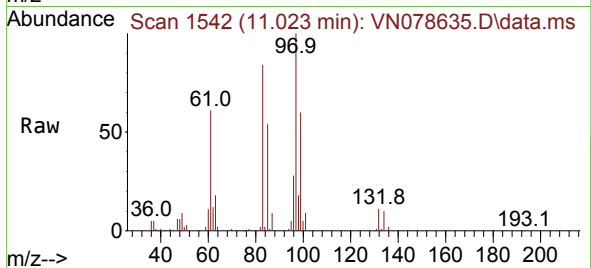
Ion Ratio Lower Upper

97 100

83 84.2 65.1 97.7

85 54.1 43.4 65.2

99 60.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.205 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

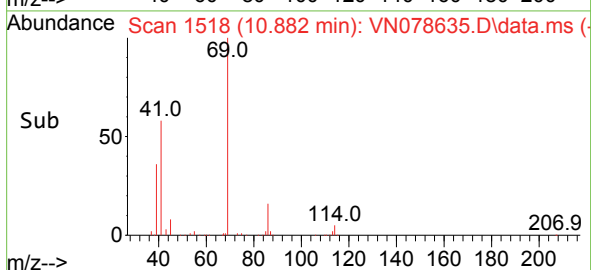
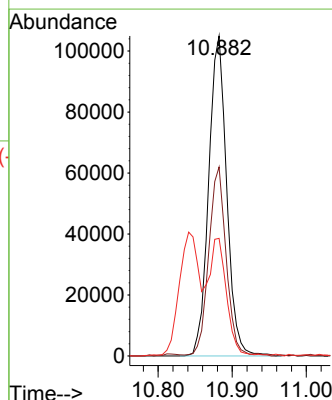
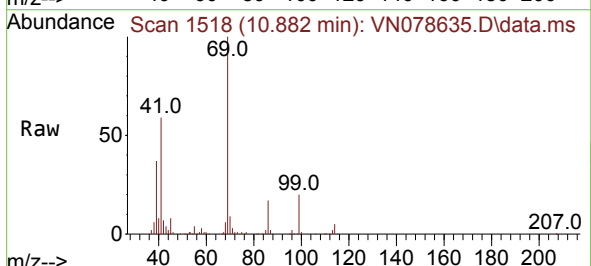
Tgt Ion: 69 Resp: 177172

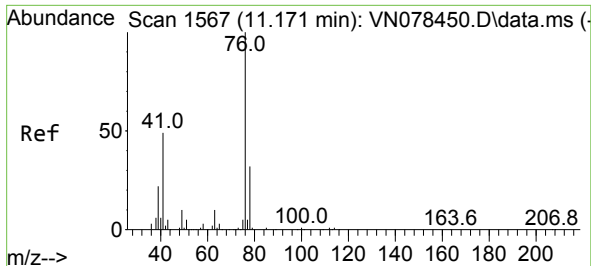
Ion Ratio Lower Upper

69 100

41 57.6 39.6 59.4

39 32.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 18.664 ug/l

RT: 11.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

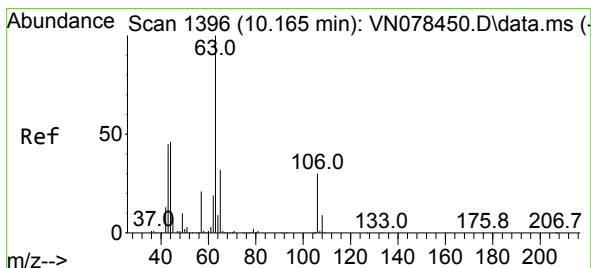
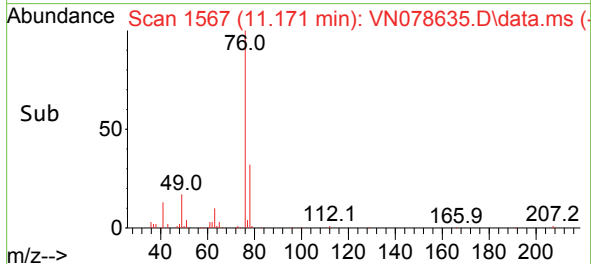
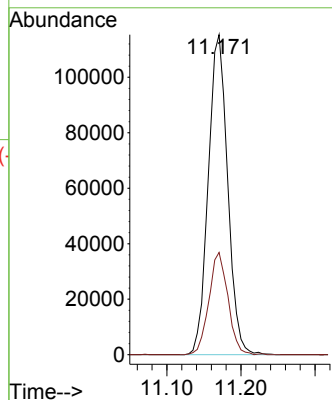
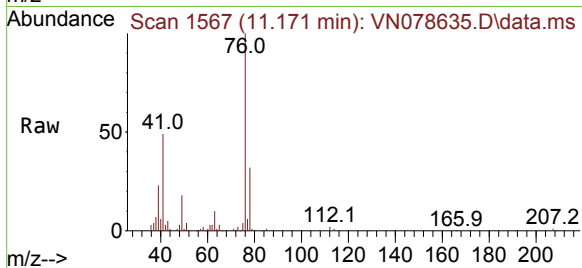
VN0724MBS02

Tgt Ion: 76 Resp: 209432

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 89.065 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN078635.D

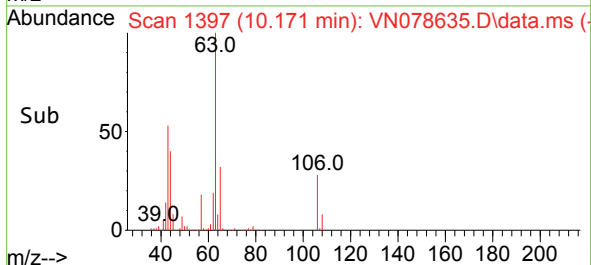
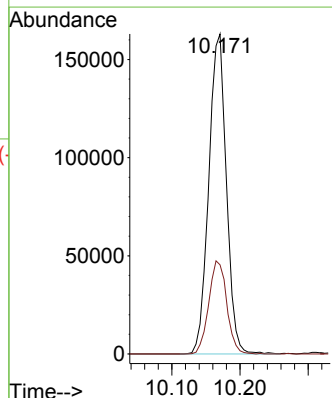
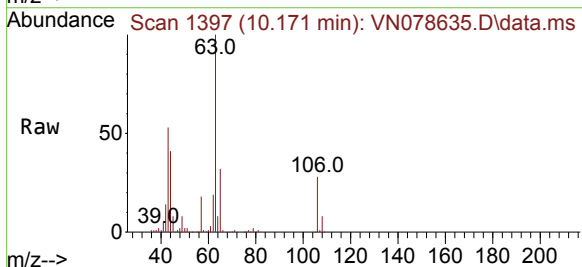
Acq: 24 Jul 2023 13:53

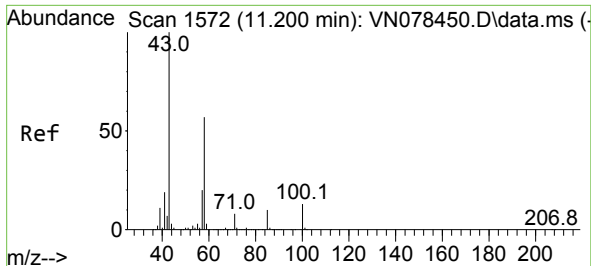
Tgt Ion: 63 Resp: 292814

Ion Ratio Lower Upper

63 100

106 29.8 26.2 39.4

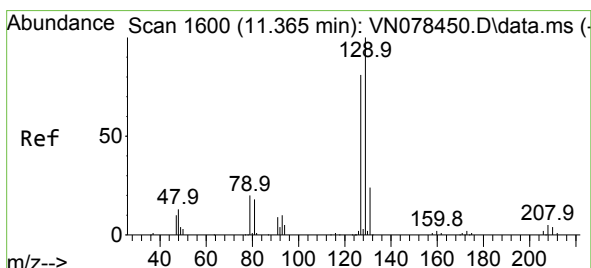
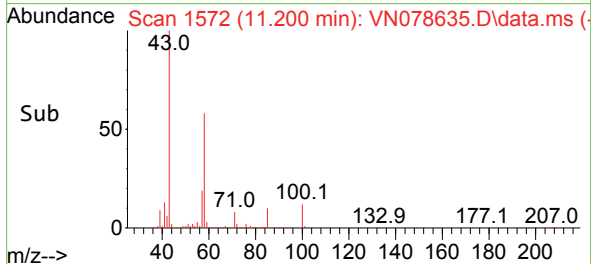
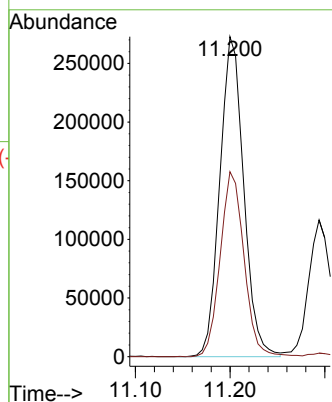
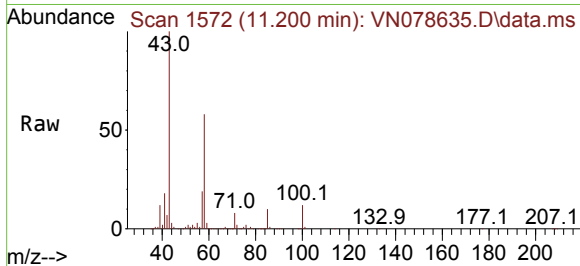




#59
2-Hexanone
Concen: 90.456 ug/l
RT: 11.200 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

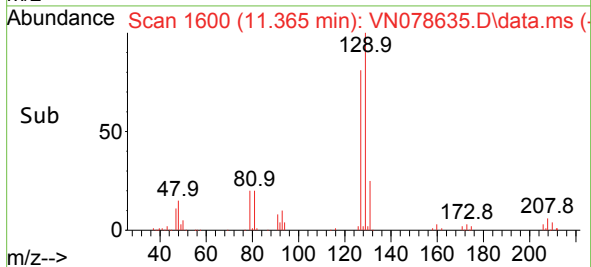
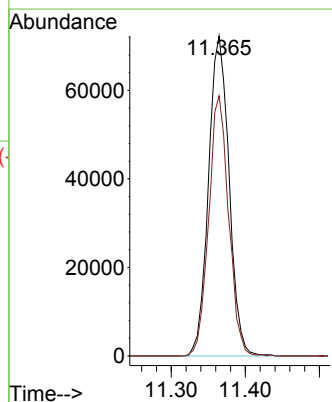
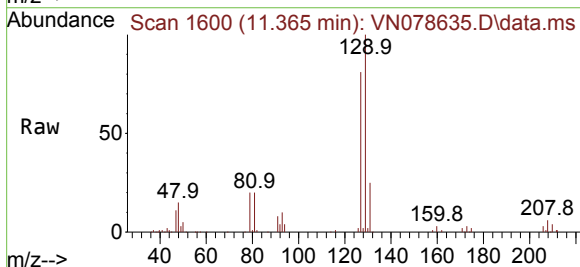
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

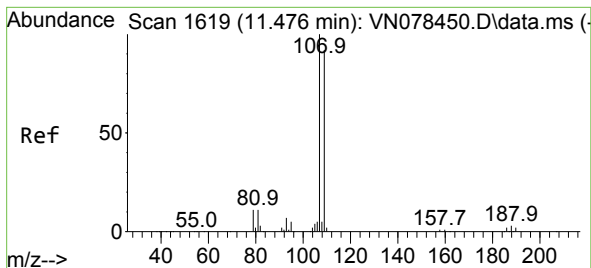
Tgt Ion: 43 Resp: 478758
Ion Ratio Lower Upper
43 100
58 57.7 31.7 95.1



#60
Dibromochloromethane
Concen: 19.097 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 129 Resp: 139136
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0

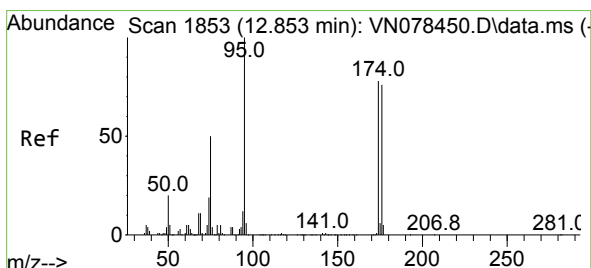
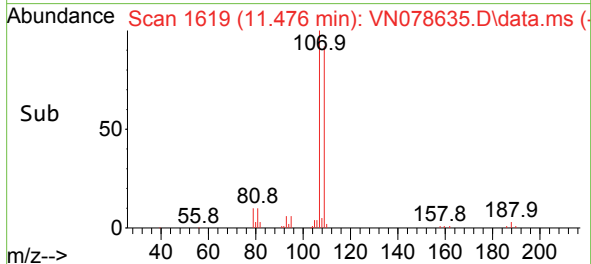
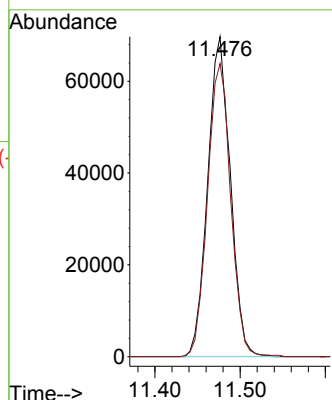
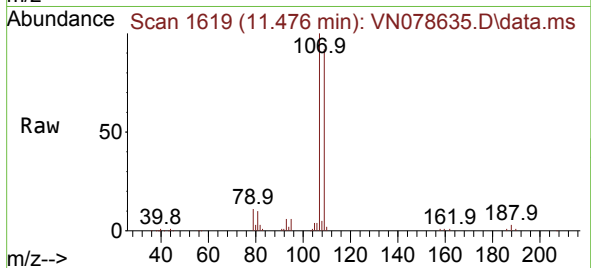




#61
1,2-Dibromoethane
Concen: 18.953 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

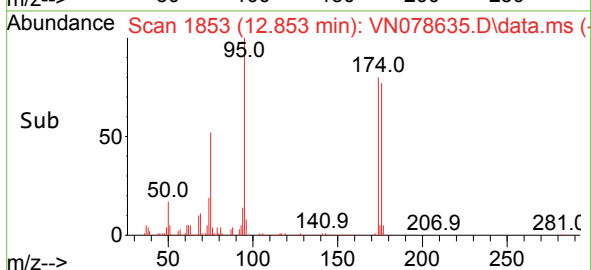
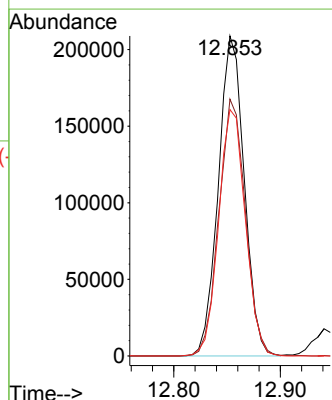
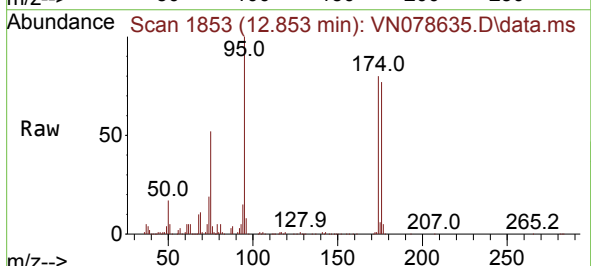
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

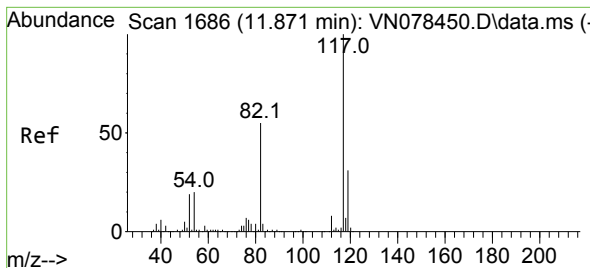
Tgt Ion:107 Resp: 128849
Ion Ratio Lower Upper
107 100
109 93.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 47.952 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 95 Resp: 352520
Ion Ratio Lower Upper
95 100
174 82.1 0.0 143.8
176 79.4 0.0 135.8

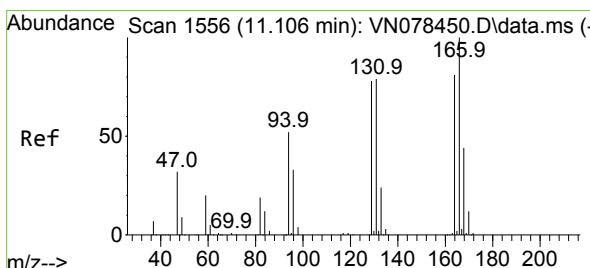
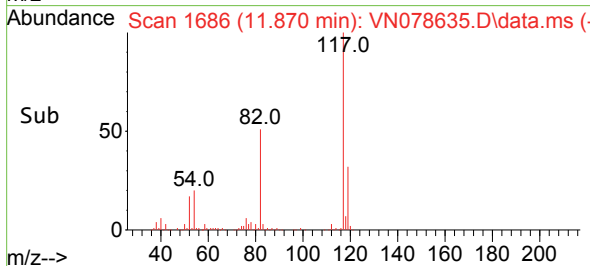
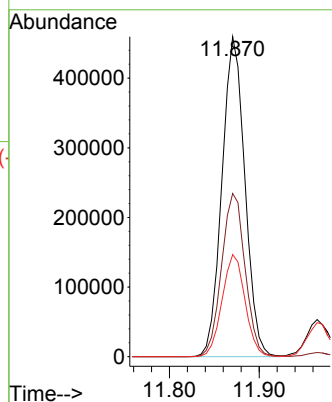
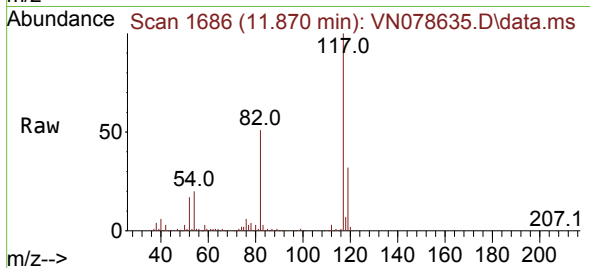




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

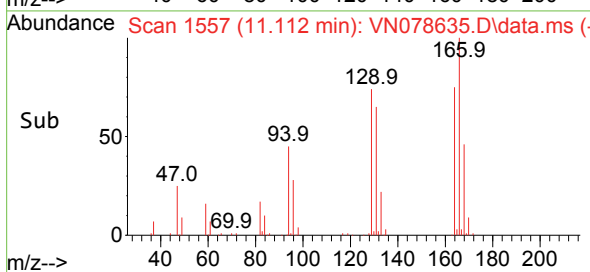
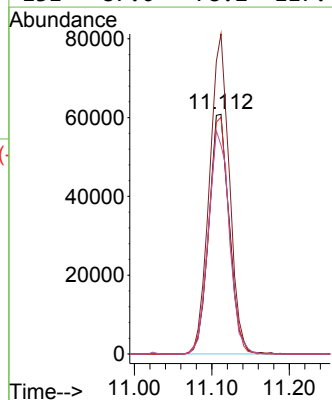
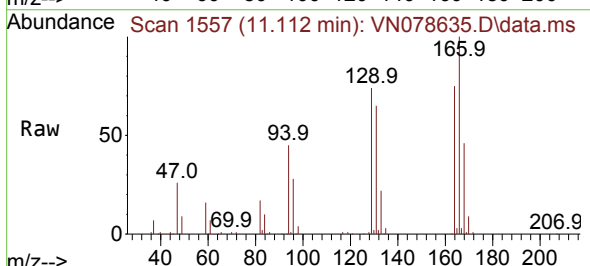
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

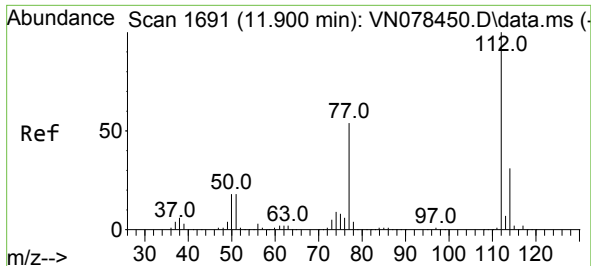
Tgt Ion:117 Resp: 815876
Ion Ratio Lower Upper
117 100
82 51.0 44.0 66.0
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 18.156 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion:164 Resp: 111366
Ion Ratio Lower Upper
164 100
166 133.5 101.4 152.0
129 98.8 82.4 123.6
131 87.0 78.2 117.4

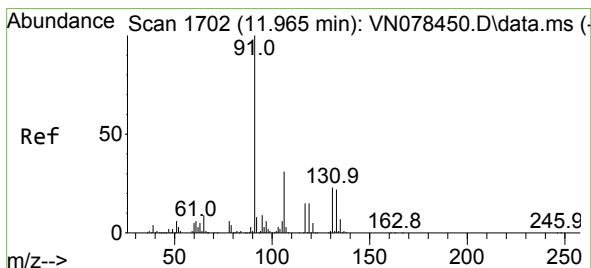
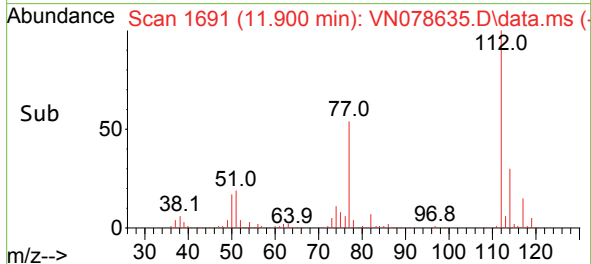
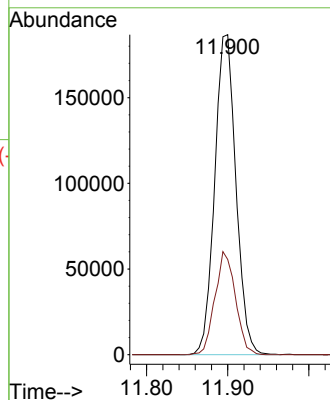
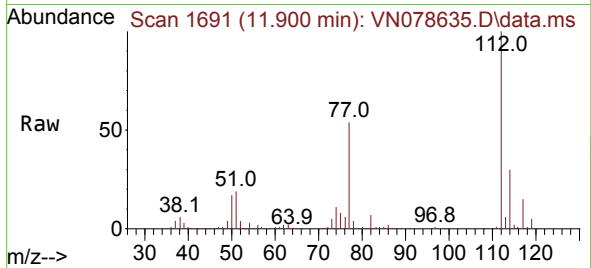




#65
Chlorobenzene
Concen: 18.631 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

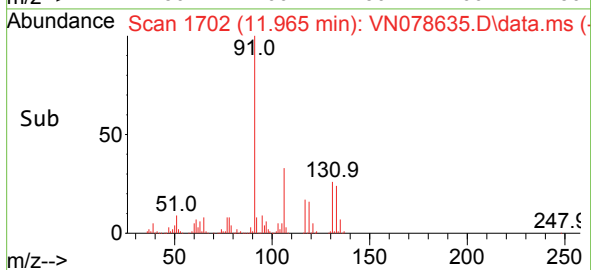
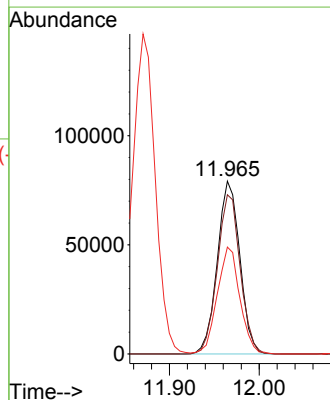
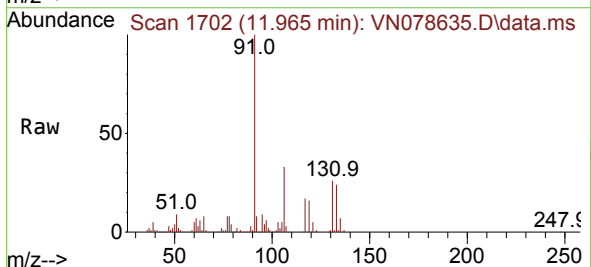
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

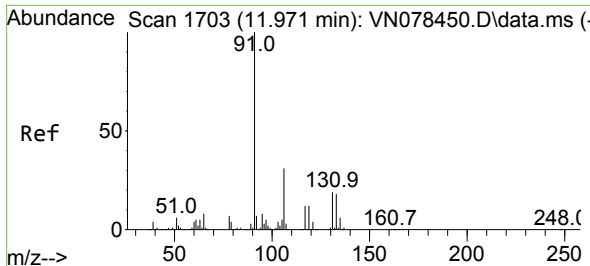
Tgt Ion:112 Resp: 339766
Ion Ratio Lower Upper
112 100
114 29.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.673 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion:131 Resp: 138022
Ion Ratio Lower Upper
131 100
133 93.7 46.4 139.1
119 62.1 34.1 102.2

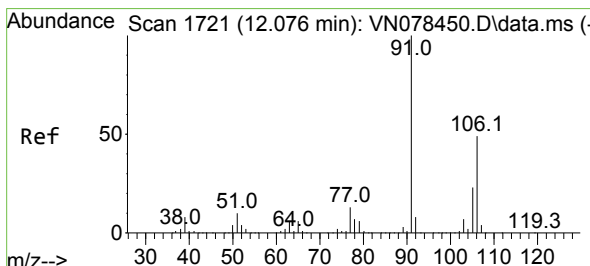
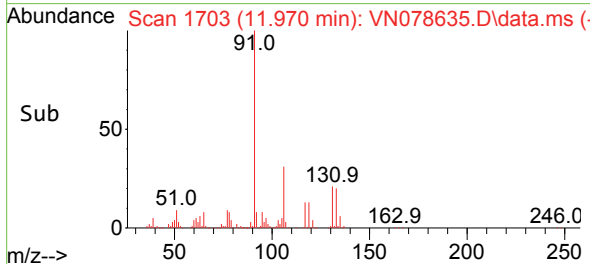
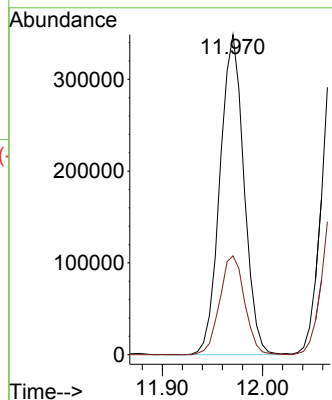
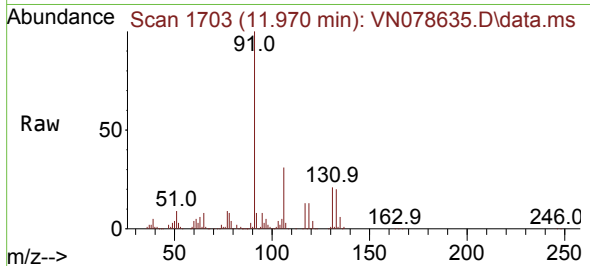




#67
Ethyl Benzene
Concen: 18.781 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

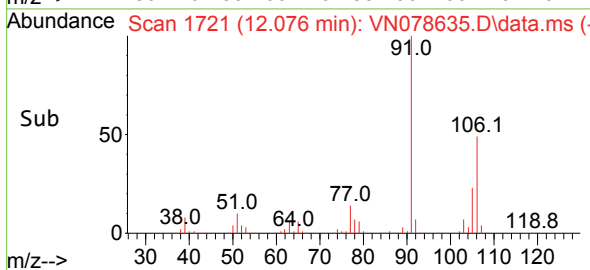
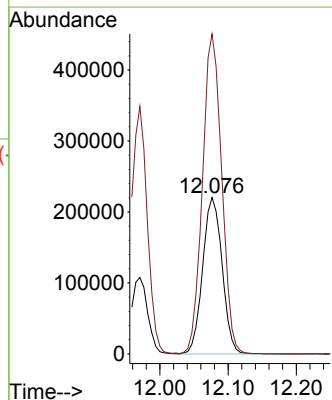
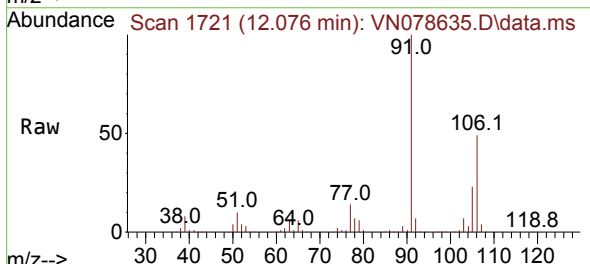
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

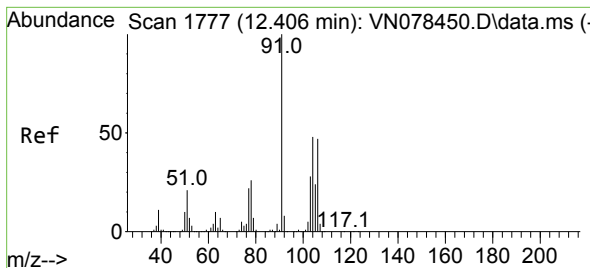
Tgt Ion: 91 Resp: 578936
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4



#68
m/p-Xylenes
Concen: 38.355 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 106 Resp: 437142
Ion Ratio Lower Upper
106 100
91 201.9 159.6 239.4





#69

o-Xylene

Concen: 19.257 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

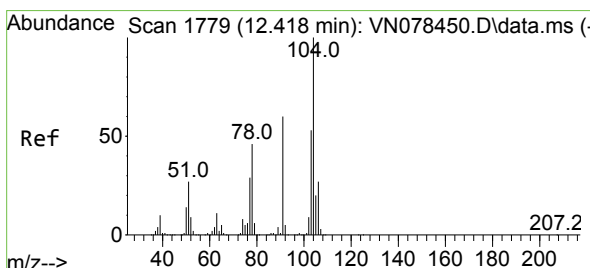
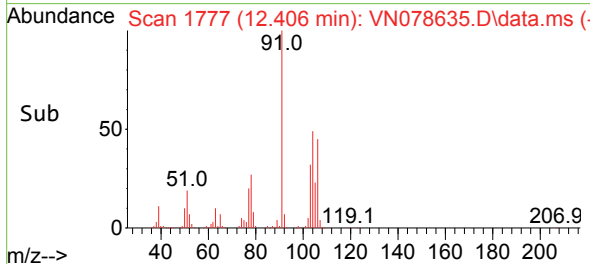
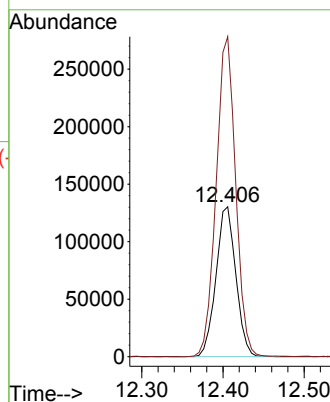
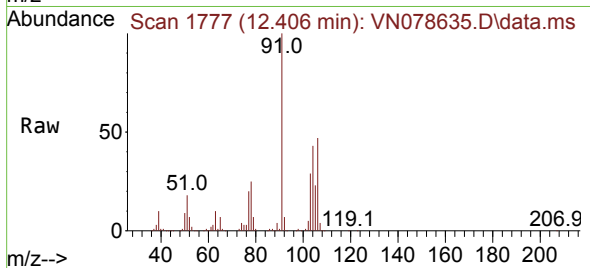
VN0724MBS02

Tgt Ion:106 Resp: 221681

Ion Ratio Lower Upper

106 100

91 209.6 105.2 315.5



#70

Styrene

Concen: 19.186 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.001 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

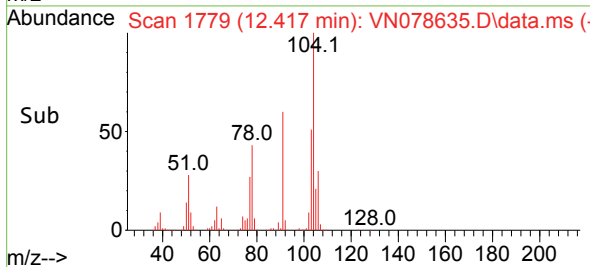
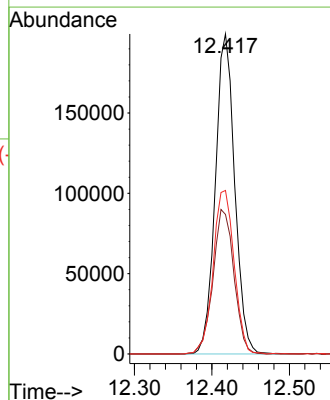
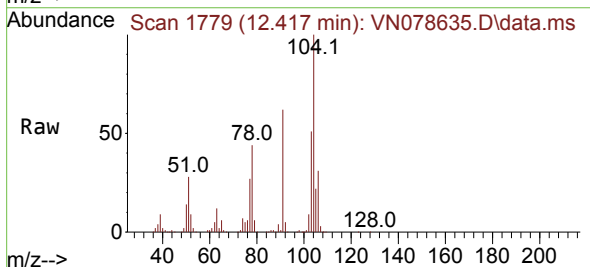
Tgt Ion:104 Resp: 345545

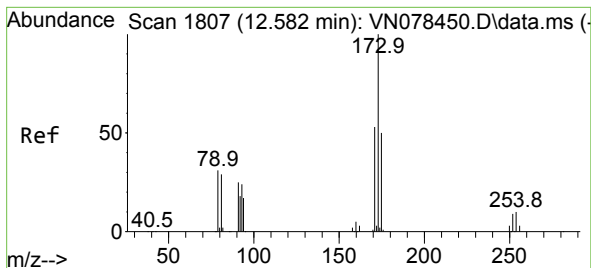
Ion Ratio Lower Upper

104 100

78 48.9 39.5 59.3

103 55.6 43.2 64.8





#71

Bromoform

Concen: 19.571 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBSD02

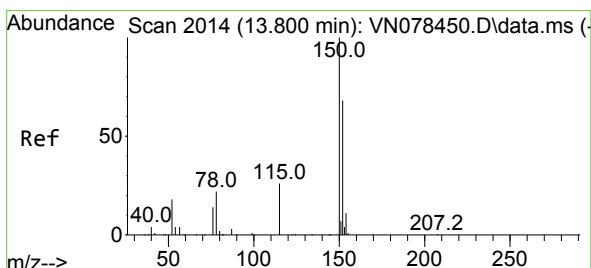
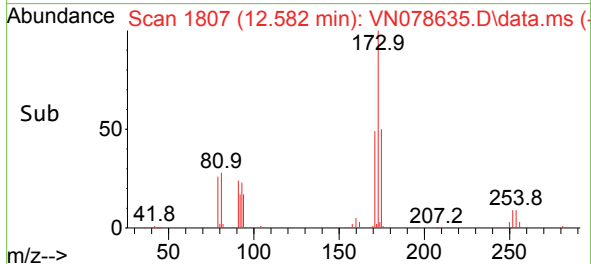
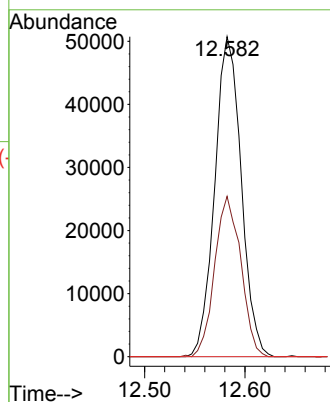
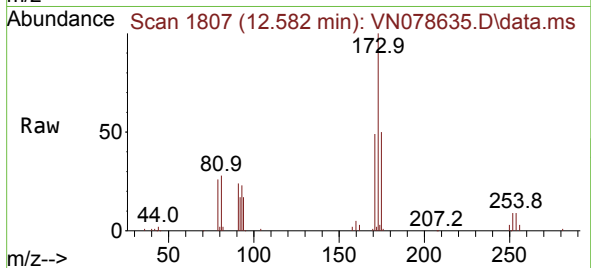
Tgt Ion:173 Resp: 92992

Ion Ratio Lower Upper

173 100

175 49.5 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

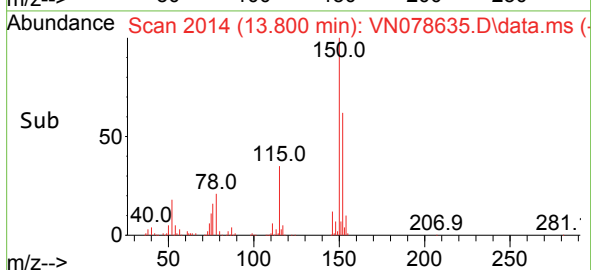
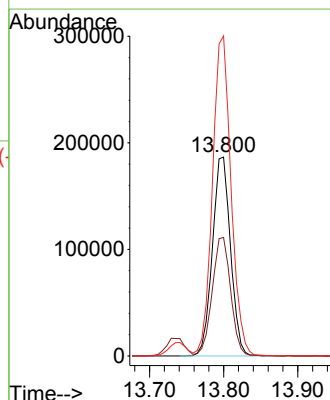
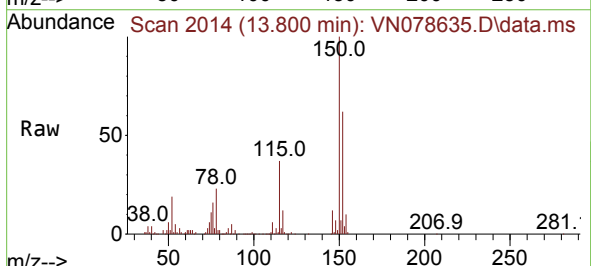
Tgt Ion:152 Resp: 316995

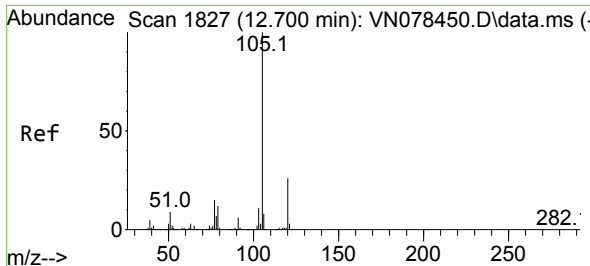
Ion Ratio Lower Upper

152 100

115 60.9 32.3 96.8

150 164.7 0.0 355.8

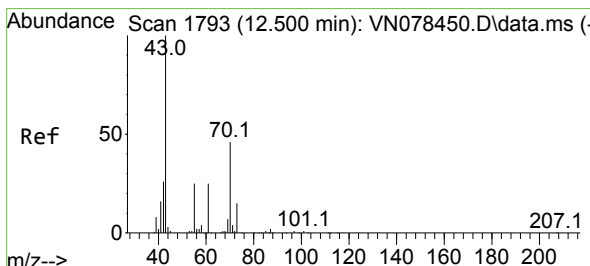
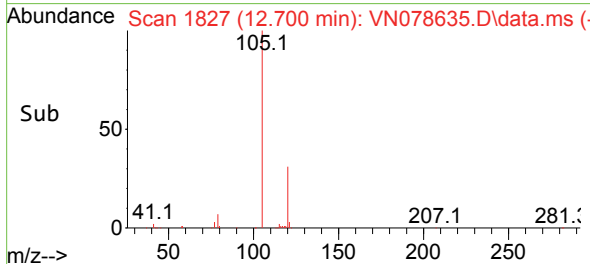
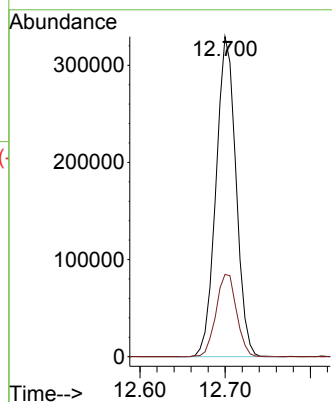
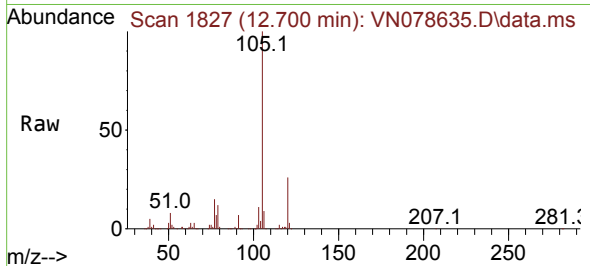




#73
Isopropylbenzene
Concen: 18.031 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

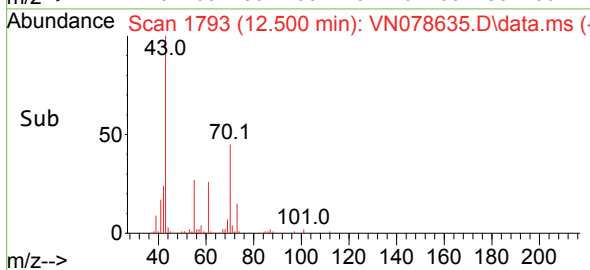
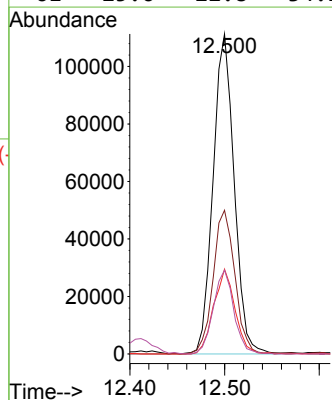
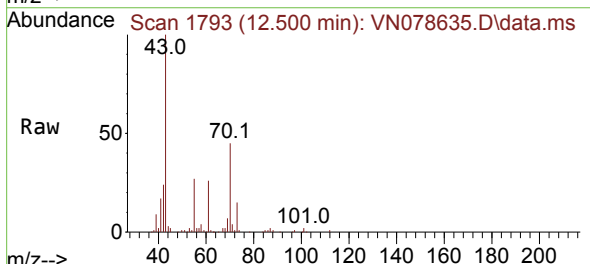
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

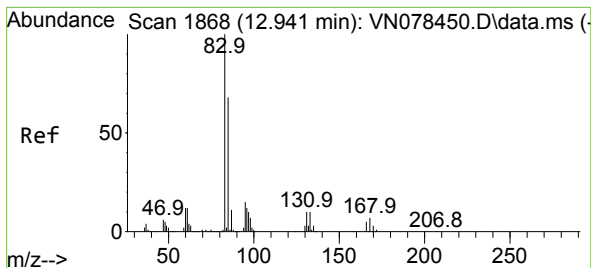
Tgt Ion:105 Resp: 537074
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#74
N-ethyl acetate
Concen: 16.789 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 43 Resp: 172333
Ion Ratio Lower Upper
43 100
70 46.4 43.4 65.2
55 26.8 21.4 32.0
61 25.6 22.8 34.2

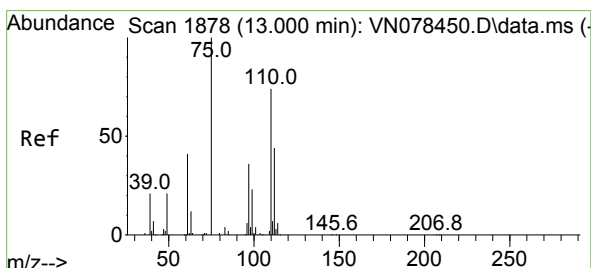
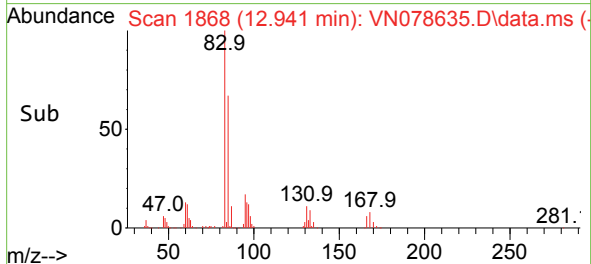
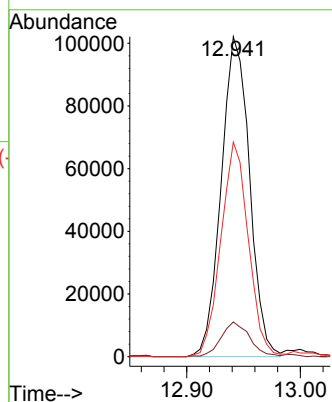
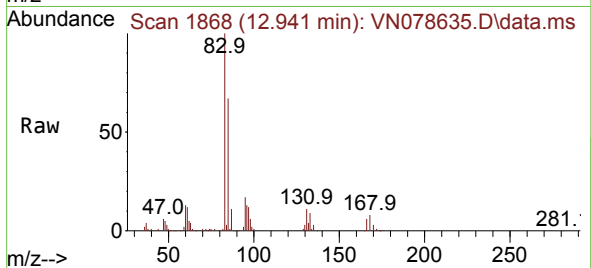




#75
1,1,2,2-Tetrachloroethane
Concen: 19.395 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

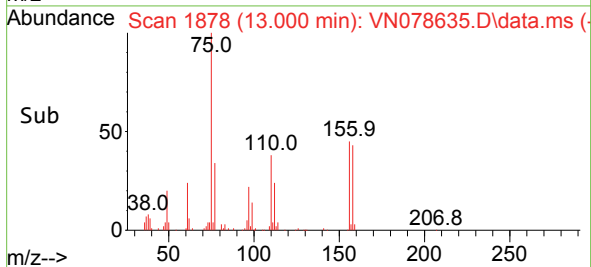
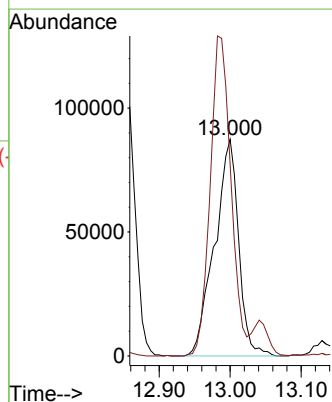
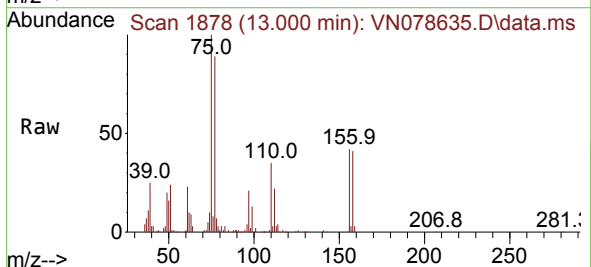
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

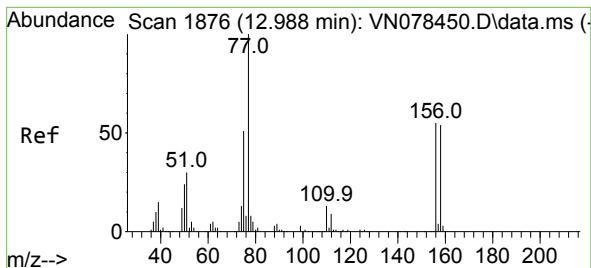
Tgt Ion: 83 Resp: 177126
Ion Ratio Lower Upper
83 100
131 11.0 5.0 15.0
85 64.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 26.690 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 75 Resp: 204500
Ion Ratio Lower Upper
75 100
77 128.1 84.5 253.5





#77

Bromobenzene

Concen: 20.023 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBSD02

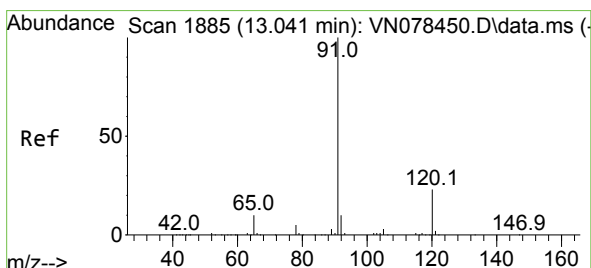
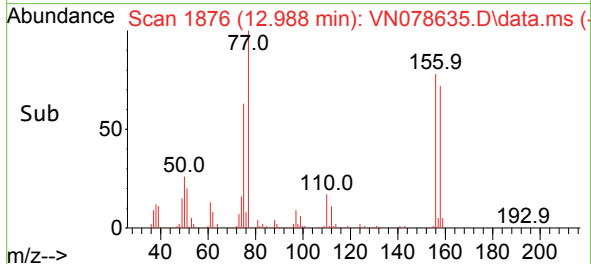
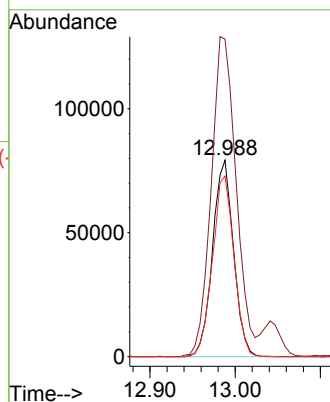
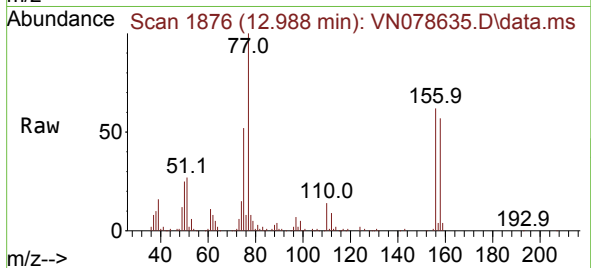
Tgt Ion:156 Resp: 135700

Ion Ratio Lower Upper

156 100

77 193.0 107.7 323.3

158 94.4 48.4 145.3



#78

n-propylbenzene

Concen: 18.299 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078635.D

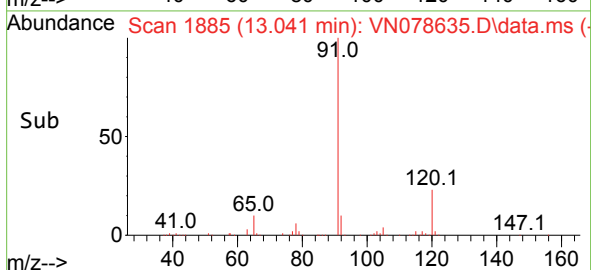
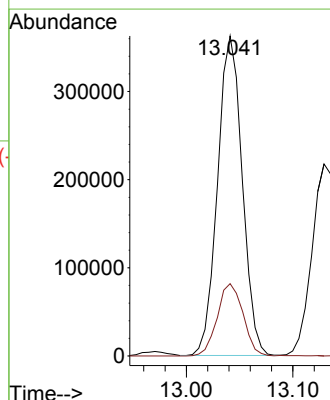
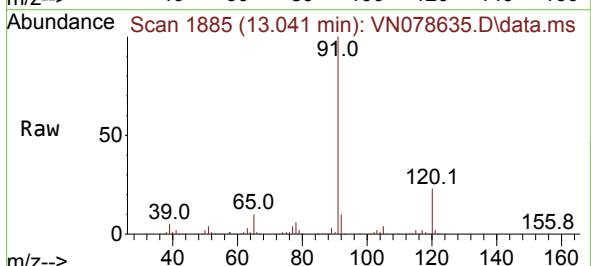
Acq: 24 Jul 2023 13:53

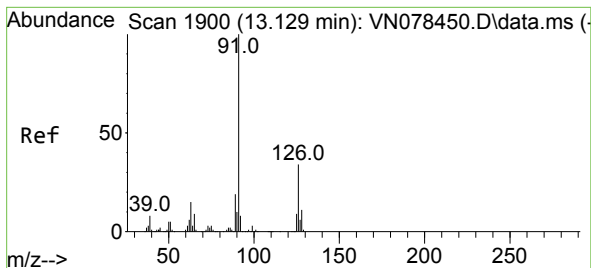
Tgt Ion: 91 Resp: 582896

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.175 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078635.D

Acq: 24 Jul 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

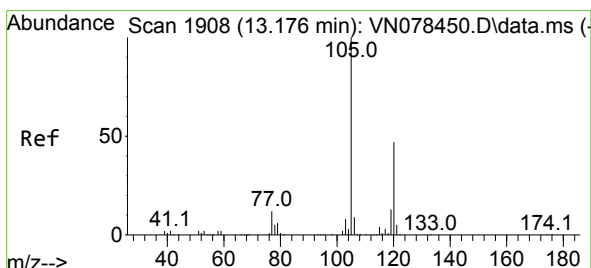
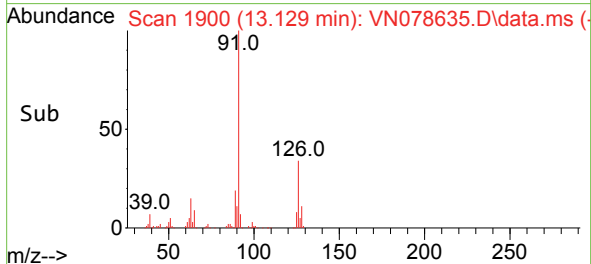
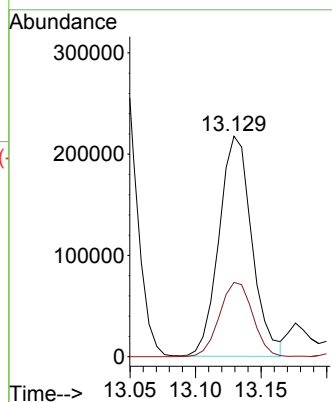
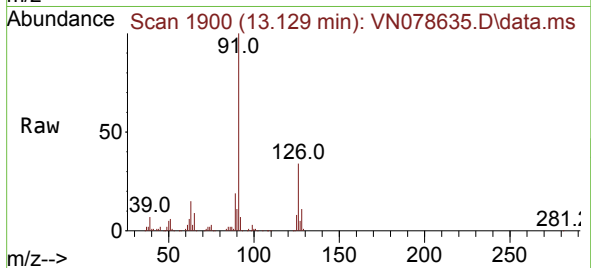
VN0724MBS02

Tgt Ion: 91 Resp: 379226

Ion Ratio Lower Upper

91 100

126 34.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 18.418 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078635.D

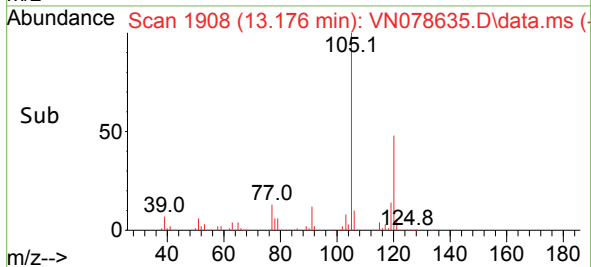
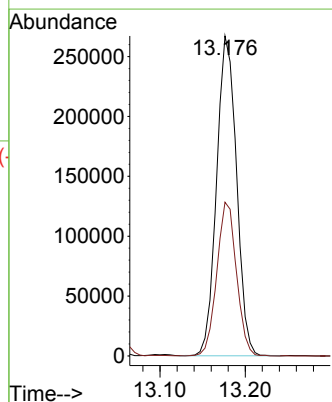
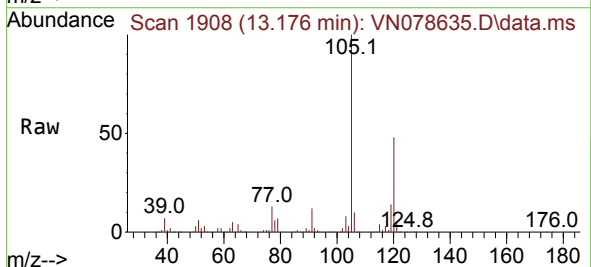
Acq: 24 Jul 2023 13:53

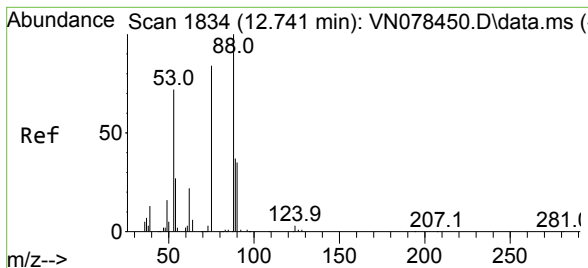
Tgt Ion: 105 Resp: 433472

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.3

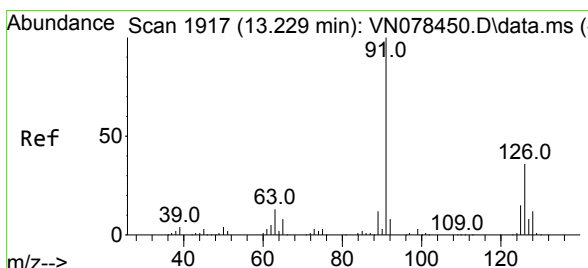
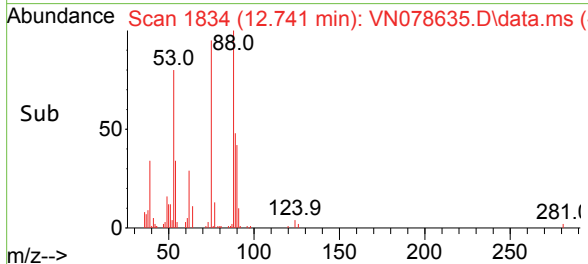
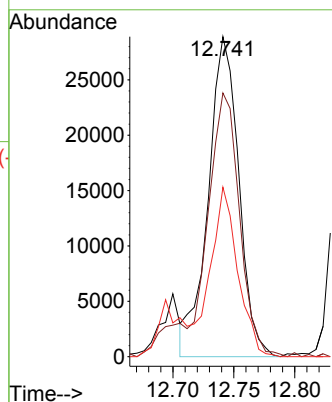
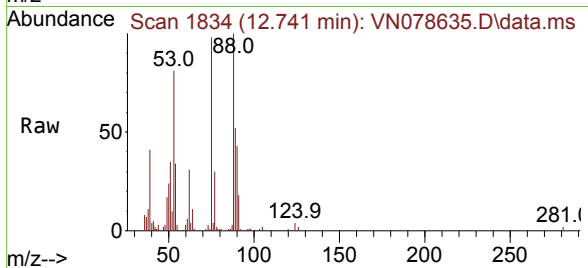




#81
trans-1,4-Dichloro-2-butene
Concen: 17.315 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

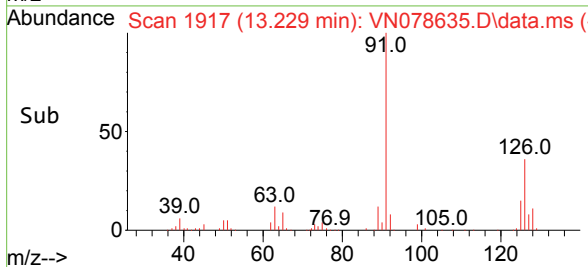
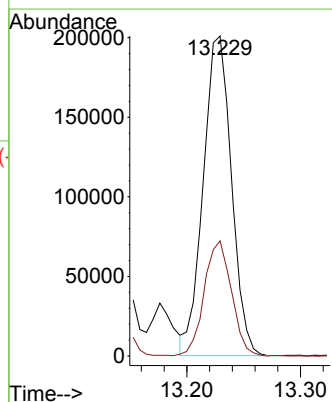
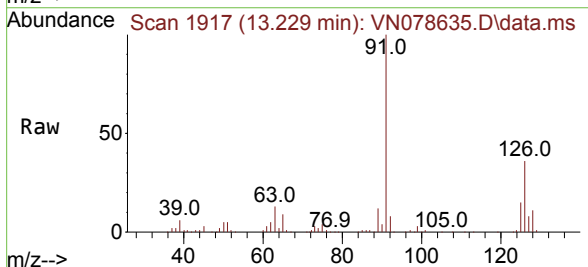
Instrument :
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ClientSampleId :
VN0724MBSD02

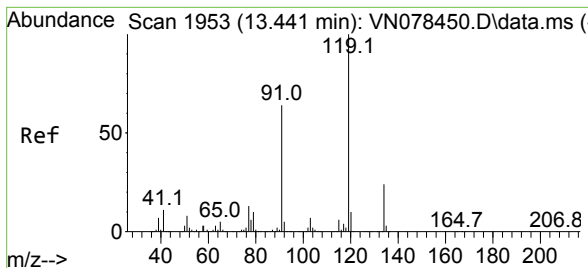
Tgt Ion: 75 Resp: 50488
Ion Ratio Lower Upper
75 100
53 93.8 67.4 101.2
89 48.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 17.816 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 91 Resp: 346781
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0

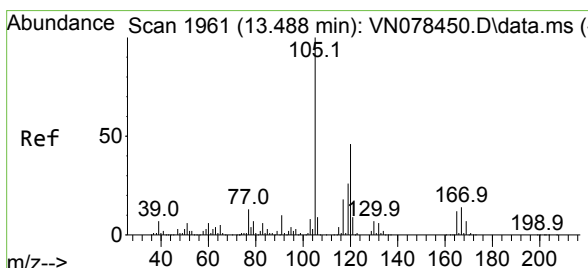
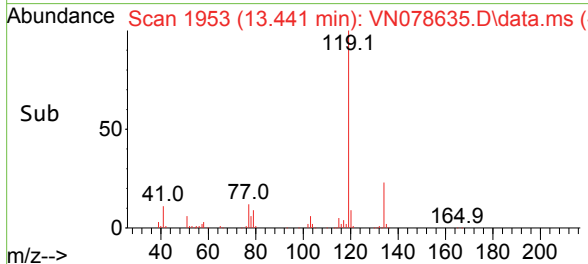
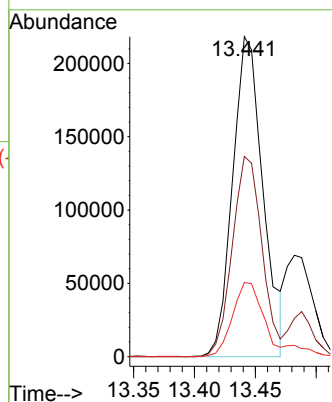
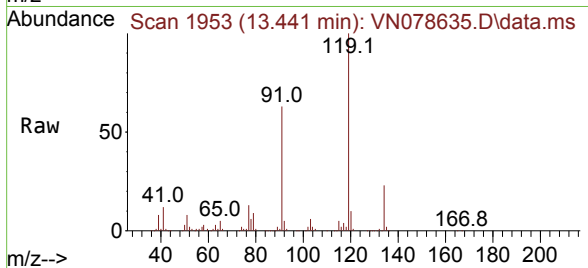




#83
 tert-Butylbenzene
 Concen: 18.942 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN078635.D
 Acq: 24 Jul 2023 13:53

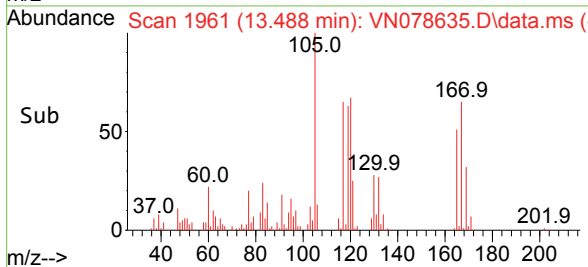
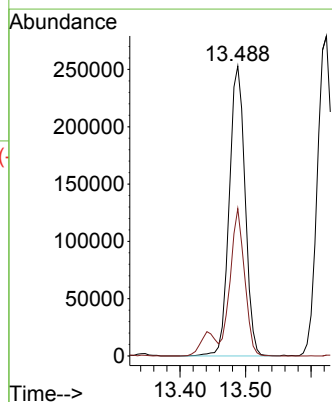
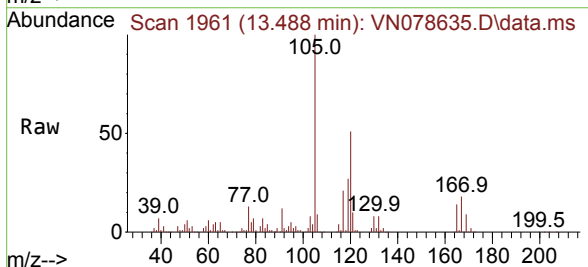
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724MBSD02

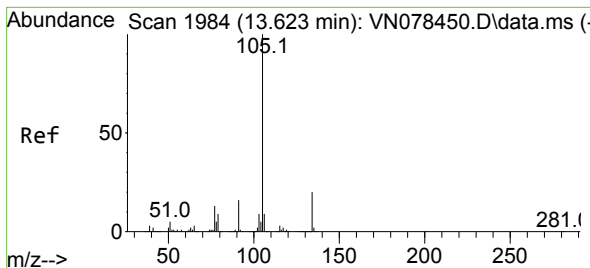
Tgt Ion:119 Resp: 378489
 Ion Ratio Lower Upper
 119 100
 91 61.2 33.9 101.7
 134 26.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.539 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078635.D
 Acq: 24 Jul 2023 13:53

Tgt Ion:105 Resp: 423791
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.0 66.0

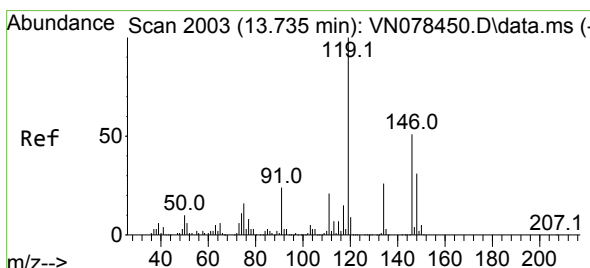
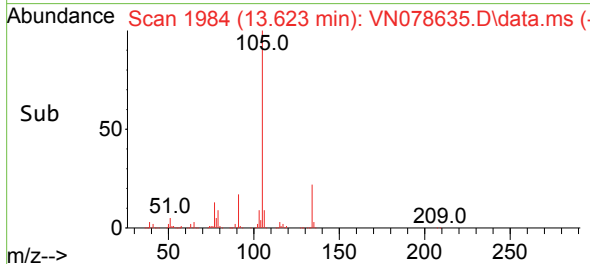
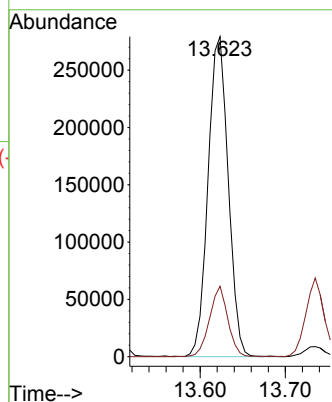
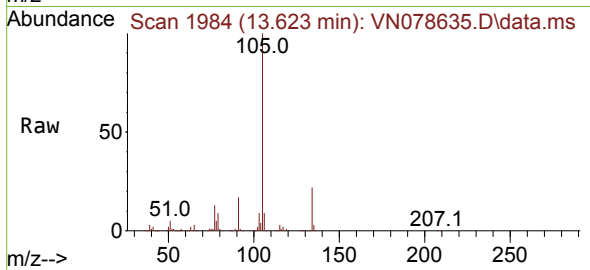




#85
 sec-Butylbenzene
 Concen: 18.217 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078635.D
 Acq: 24 Jul 2023 13:53

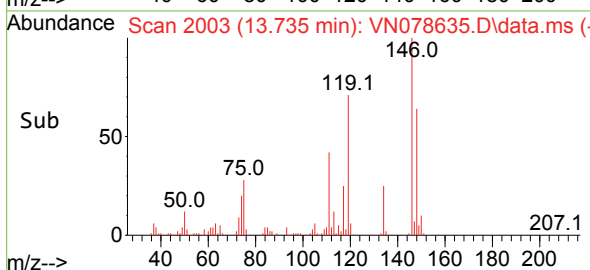
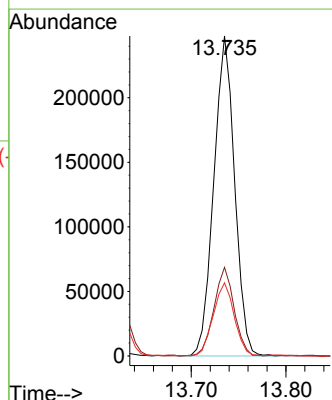
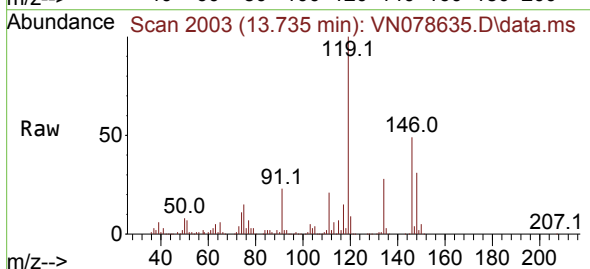
Instrument :
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 ClientSampleId :
 VN0724MBS02

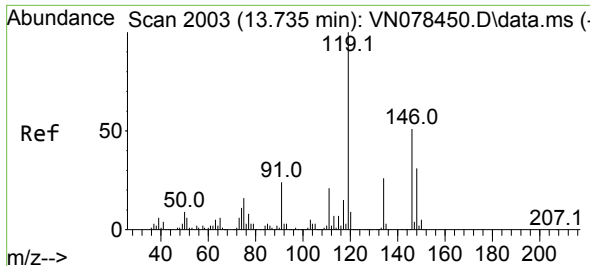
Tgt Ion:105 Resp: 460092
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.633 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078635.D
 Acq: 24 Jul 2023 13:53

Tgt Ion:119 Resp: 377882
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.6 37.8
 91 22.9 12.4 37.2

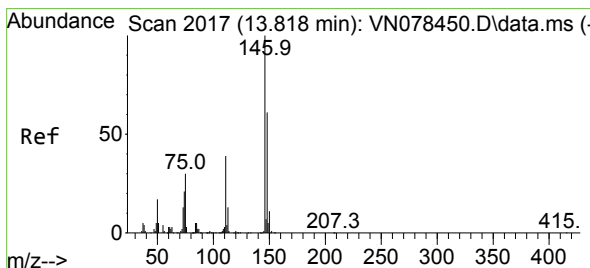
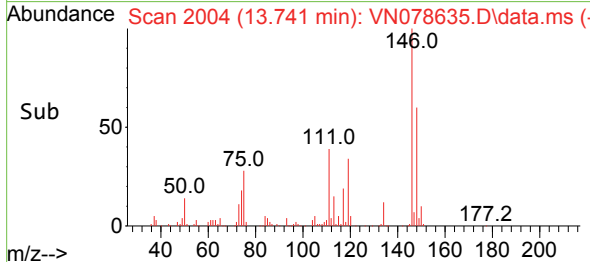
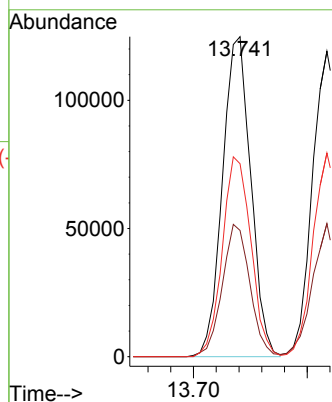
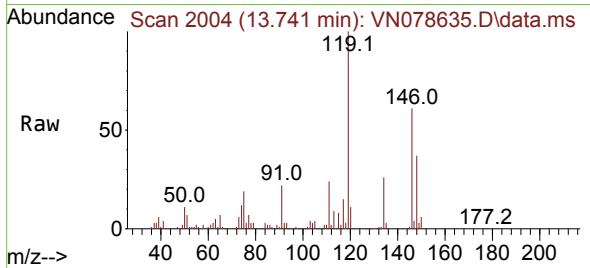




#87
1,3-Dichlorobenzene
Concen: 18.858 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

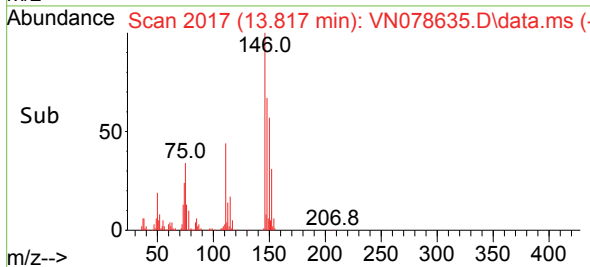
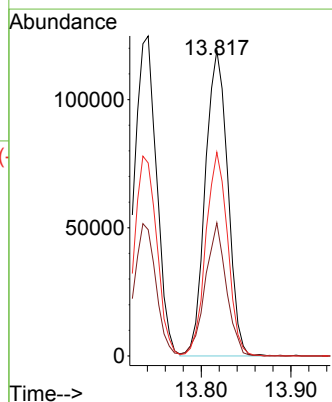
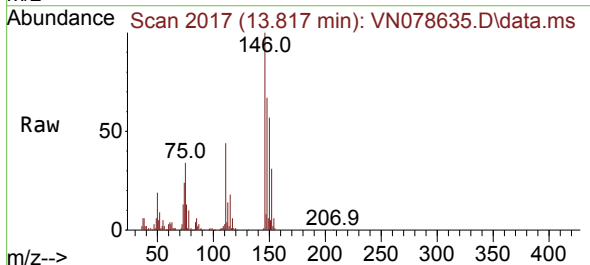
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

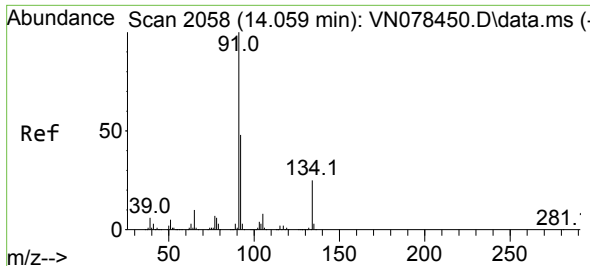
Tgt Ion:146 Resp: 215642
Ion Ratio Lower Upper
146 100
111 40.6 22.1 66.3
148 63.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 17.975 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion:146 Resp: 207031
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 64.9 31.6 94.8

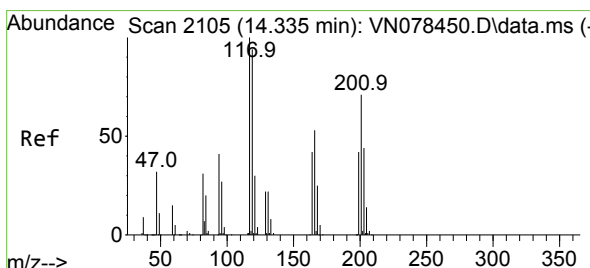
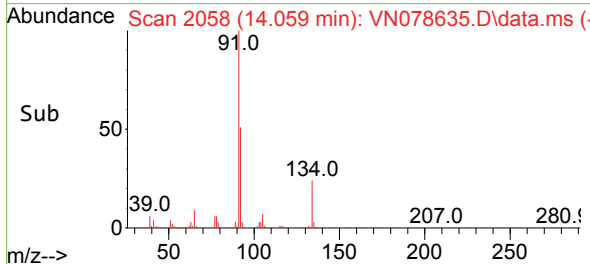
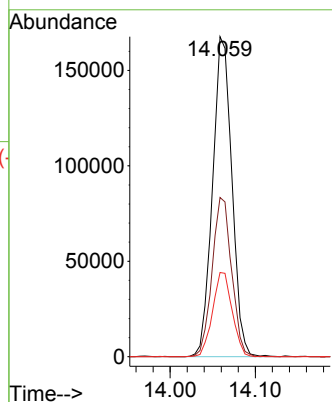
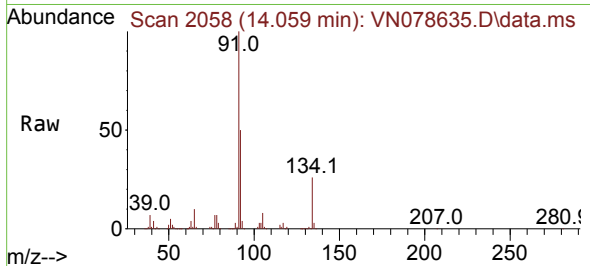




#89
n-Butylbenzene
Concen: 18.264 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

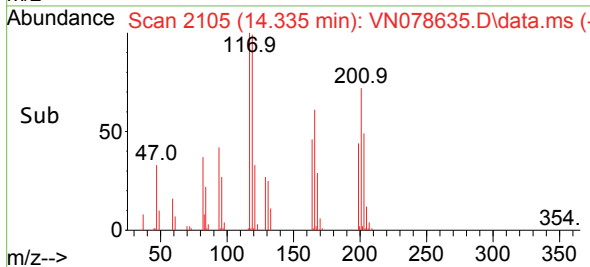
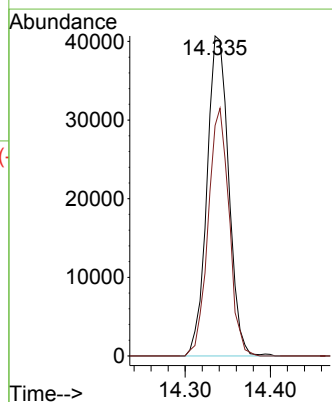
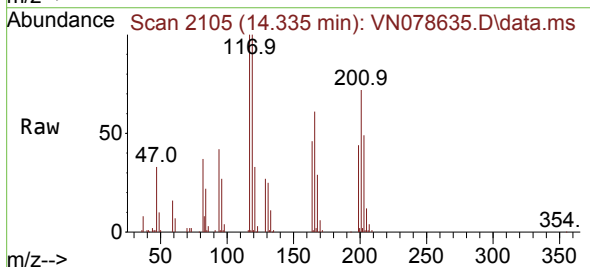
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MSVOA_N
ClientSampleId :
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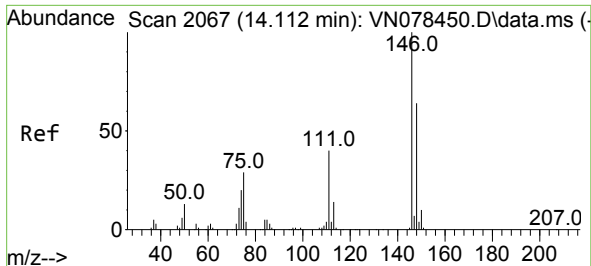
Tgt Ion: 91 Resp: 265015
Ion Ratio Lower Upper
91 100
92 50.1 26.4 79.0
134 26.7 12.6 37.6



#90
Hexachloroethane
Concen: 18.874 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 117 Resp: 72243
Ion Ratio Lower Upper
117 100
201 74.1 29.3 88.0

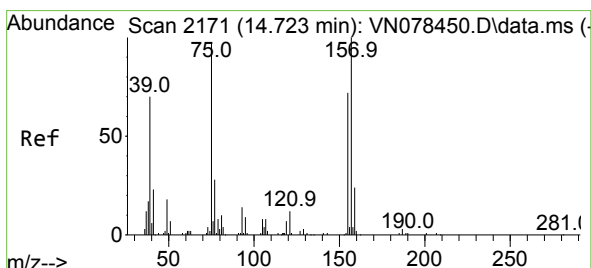
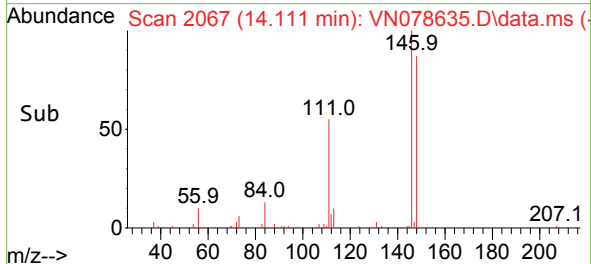
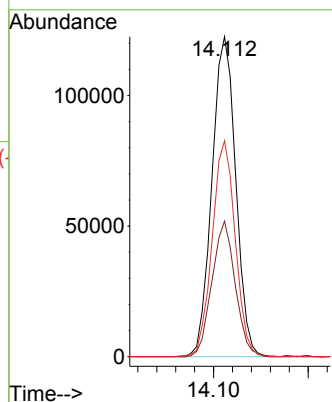
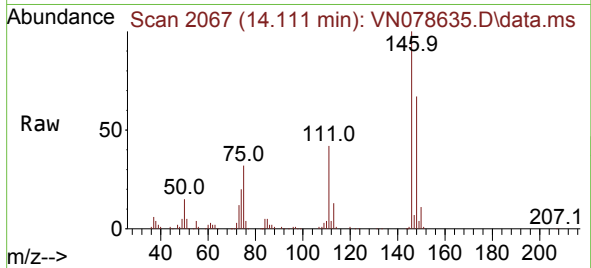




#91
1,2-Dichlorobenzene
Concen: 18.760 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

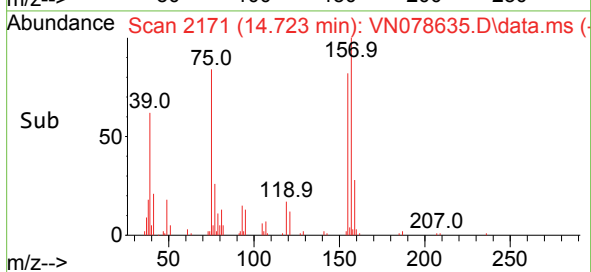
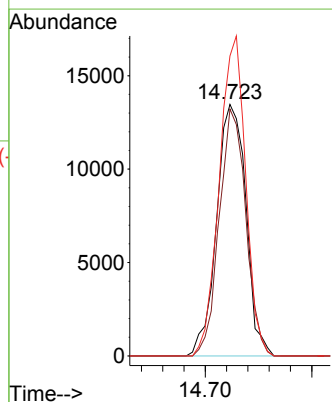
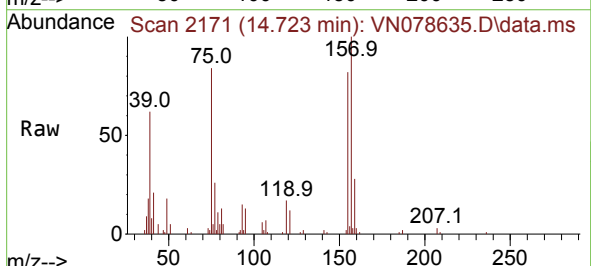
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MSVOA_N
ClientSampleId :
VN0724MBSD02

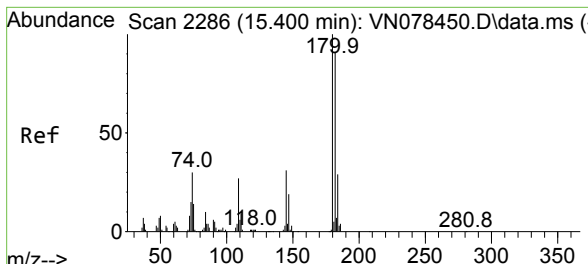
Tgt Ion:146 Resp: 213486
Ion Ratio Lower Upper
146 100
111 41.4 22.0 66.0
148 65.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.728 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion: 75 Resp: 25675
Ion Ratio Lower Upper
75 100
155 88.9 39.1 117.2
157 114.2 50.3 150.9

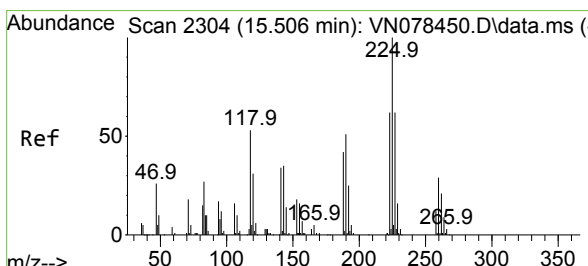
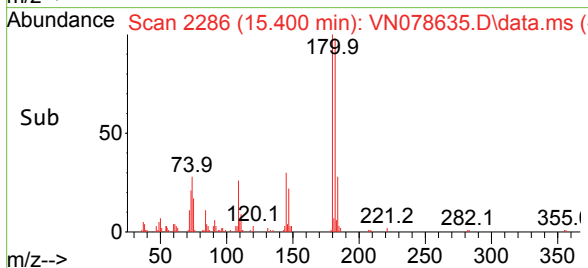
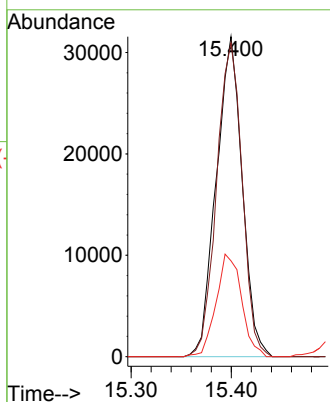
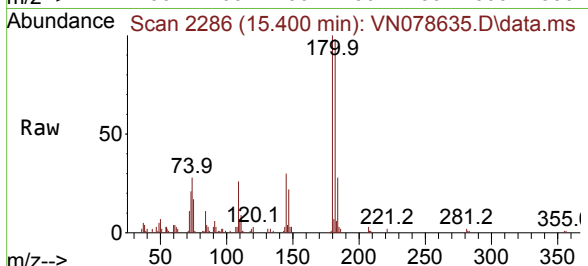




#93
 1,2,4-Trichlorobenzene
 Concen: 15.556 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078635.D
 Acq: 24 Jul 2023 13:53

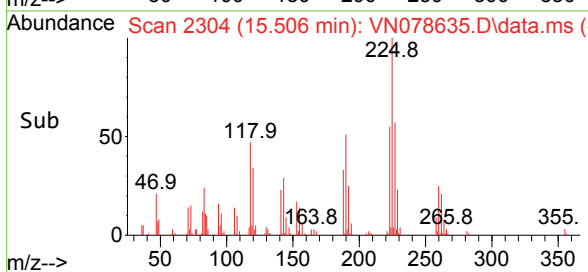
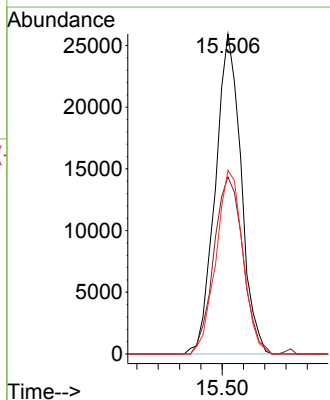
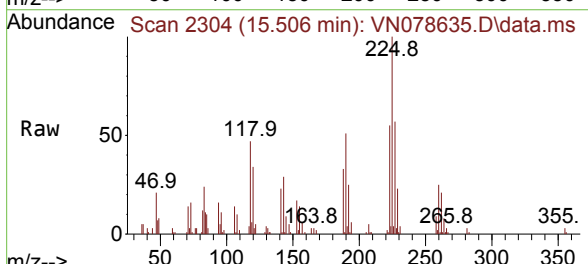
Instrument :
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 ClientSampleId :
 VN0724MBSD02

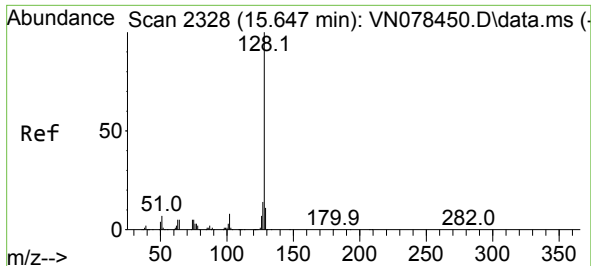
Tgt Ion:	180	Resp:	56498
Ion Ratio	Lower	Upper	
180	100		
182	96.5	46.1	138.2
145	31.5	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 20.690 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078635.D
 Acq: 24 Jul 2023 13:53

Tgt Ion:	225	Resp:	43432
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.3	93.8
227	59.9	31.9	95.9

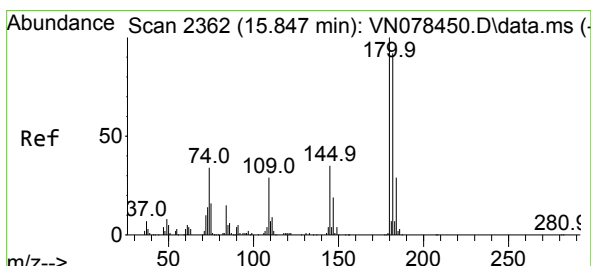
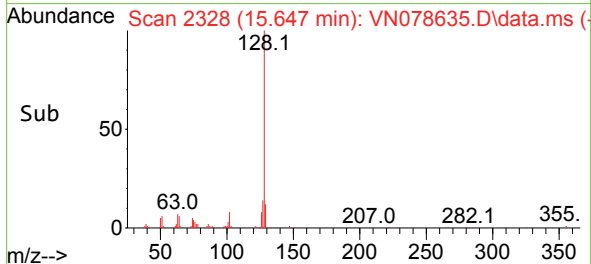
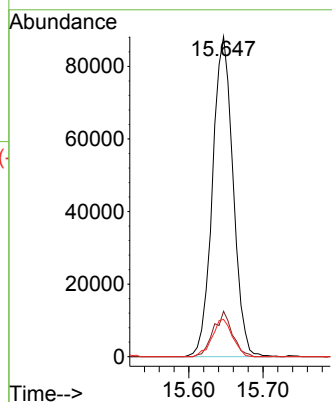
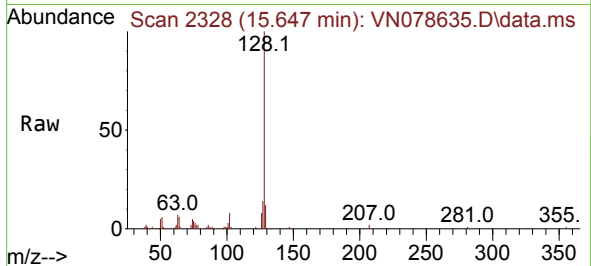




#95
Naphthalene
Concen: 13.703 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0724MBSD02

Tgt Ion:128 Resp: 170133
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.561 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078635.D
Acq: 24 Jul 2023 13:53

Tgt Ion:180 Resp: 69158
Ion Ratio Lower Upper
180 100
182 93.2 46.2 138.6
145 34.0 17.5 52.6

