

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080546.D
 Acq On : 20 Dec 2023 14:56
 Operator : JC\MD
 Sample : VN1220WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:42:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	242493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	409815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	364703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166626	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	184255	59.491	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.980%	
35) Dibromofluoromethane	8.165	113	138423	53.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.540%	
50) Toluene-d8	10.571	98	504039	52.013	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.020%	
62) 4-Bromofluorobenzene	12.847	95	174499	47.421	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53569	17.287	ug/l	99
3) Chloromethane	2.359	50	47321	14.309	ug/l	97
4) Vinyl Chloride	2.518	62	39992	15.111	ug/l	97
5) Bromomethane	2.959	94	20043	16.798	ug/l	98
6) Chloroethane	3.124	64	28343	16.667	ug/l	99
7) Trichlorofluoromethane	3.495	101	92970	17.320	ug/l	100
8) Diethyl Ether	3.959	74	30144	17.829	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	46232	18.172	ug/l	99
10) Methyl Iodide	4.589	142	30899	13.808	ug/l #	88
11) Tert butyl alcohol	5.500	59	37069	101.625	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	43525	16.696	ug/l	85
13) Acrolein	4.171	56	47612	119.189	ug/l	98
14) Allyl chloride	5.018	41	56556	17.535	ug/l	99
15) Acrylonitrile	5.712	53	106079	102.923	ug/l	99
16) Acetone	4.424	43	77427	140.990	ug/l	93
17) Carbon Disulfide	4.712	76	110289	14.928	ug/l	96
18) Methyl Acetate	5.012	43	81621	23.099	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	171534	19.723	ug/l	98
20) Methylene Chloride	5.271	84	57281	19.490	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	47186	16.693	ug/l #	75
22) Diisopropyl ether	6.671	45	143076	20.553	ug/l	91
23) Vinyl Acetate	6.600	43	379893	95.019	ug/l	93
24) 1,1-Dichloroethane	6.571	63	95155	19.592	ug/l	98
25) 2-Butanone	7.483	43	121493	114.841	ug/l	93
26) 2,2-Dichloropropane	7.488	77	87889	17.697	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	60212	18.819	ug/l	88
28) Bromochloromethane	7.818	49	35646	19.116	ug/l	99
29) Tetrahydrofuran	7.835	42	76031	100.363	ug/l	94
30) Chloroform	7.965	83	111026	20.594	ug/l	93
31) Cyclohexane	8.259	56	66160	15.708	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	96253	18.235	ug/l	95
36) 1,1-Dichloropropene	8.371	75	69200	16.288	ug/l	94
37) Ethyl Acetate	7.559	43	49020	18.426	ug/l	96
38) Carbon Tetrachloride	8.359	117	82376	16.227	ug/l	97
39) Methylcyclohexane	9.600	83	65606	14.865	ug/l #	86
40) Benzene	8.606	78	213231	17.381	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	28895	18.839	ug/l	92
42) 1,2-Dichloroethane	8.671	62	85128	18.738	ug/l	97
43) Isopropyl Acetate	8.688	43	88466	18.494	ug/l	97
44) Trichloroethene	9.353	130	56324	17.030	ug/l	95
45) 1,2-Dichloropropane	9.618	63	53282	18.491	ug/l	98
46) Dibromomethane	9.712	93	39247	18.967	ug/l #	88
47) Bromodichloromethane	9.888	83	83897	18.918	ug/l	99
48) Methyl methacrylate	9.682	41	51285	17.966	ug/l	92
49) 1,4-Dioxane	9.700	88	15596	360.450	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	263532	100.031	ug/l	98
52) Toluene	10.629	92	136204	17.574	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	87818	18.302	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	92520	18.040	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	56749	20.350	ug/l	98
56) Ethyl methacrylate	10.876	69	56946	18.444	ug/l	91
57) 1,3-Dichloropropane	11.165	76	91940	18.807	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	159547	81.855	ug/l	98
59) 2-Hexanone	11.194	43	189169	97.263	ug/l	100
60) Dibromochloromethane	11.359	129	62767	18.994	ug/l	99
61) 1,2-Dibromoethane	11.471	107	53501	18.536	ug/l	98
64) Tetrachloroethene	11.106	164	46167	16.395	ug/l	98
65) Chlorobenzene	11.894	112	142272	17.536	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	57195	17.967	ug/l	95
67) Ethyl Benzene	11.965	91	243563	16.327	ug/l	99
68) m/p-Xylenes	12.070	106	187919	34.090	ug/l	93
69) o-Xylene	12.400	106	84372	15.648	ug/l	86
70) Styrene	12.412	104	130010	16.740	ug/l	96
71) Bromoform	12.576	173	40459	17.428	ug/l #	98
73) Isopropylbenzene	12.694	105	223044	16.663	ug/l	97
74) N-amyl acetate	12.494	43	68551	17.538	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	68843	19.193	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	91163	27.425	ug/l	75
77) Bromobenzene	12.982	156	56524	17.166	ug/l	99
78) n-propylbenzene	13.035	91	247349	16.760	ug/l	98
79) 2-Chlorotoluene	13.123	91	162745	16.891	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	194174	16.843	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	20434	16.140	ug/l	91
82) 4-Chlorotoluene	13.223	91	167549	16.918	ug/l	97
83) tert-Butylbenzene	13.441	119	158500	16.788	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	195595	17.055	ug/l	99
85) sec-Butylbenzene	13.617	105	198596	16.444	ug/l	99
86) p-Isopropyltoluene	13.729	119	183720	16.847	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	98343	16.951	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	97986	16.732	ug/l	96
89) n-Butylbenzene	14.059	91	147912	16.242	ug/l	99
90) Hexachloroethane	14.335	117	28578	16.501	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	98477	17.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15301	20.281	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	52292	17.096	ug/l	96
94) Hexachlorobutadiene	15.506	225	26700	15.333	ug/l	99
95) Naphthalene	15.641	128	162940	17.543	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	51389	17.410	ug/l	98

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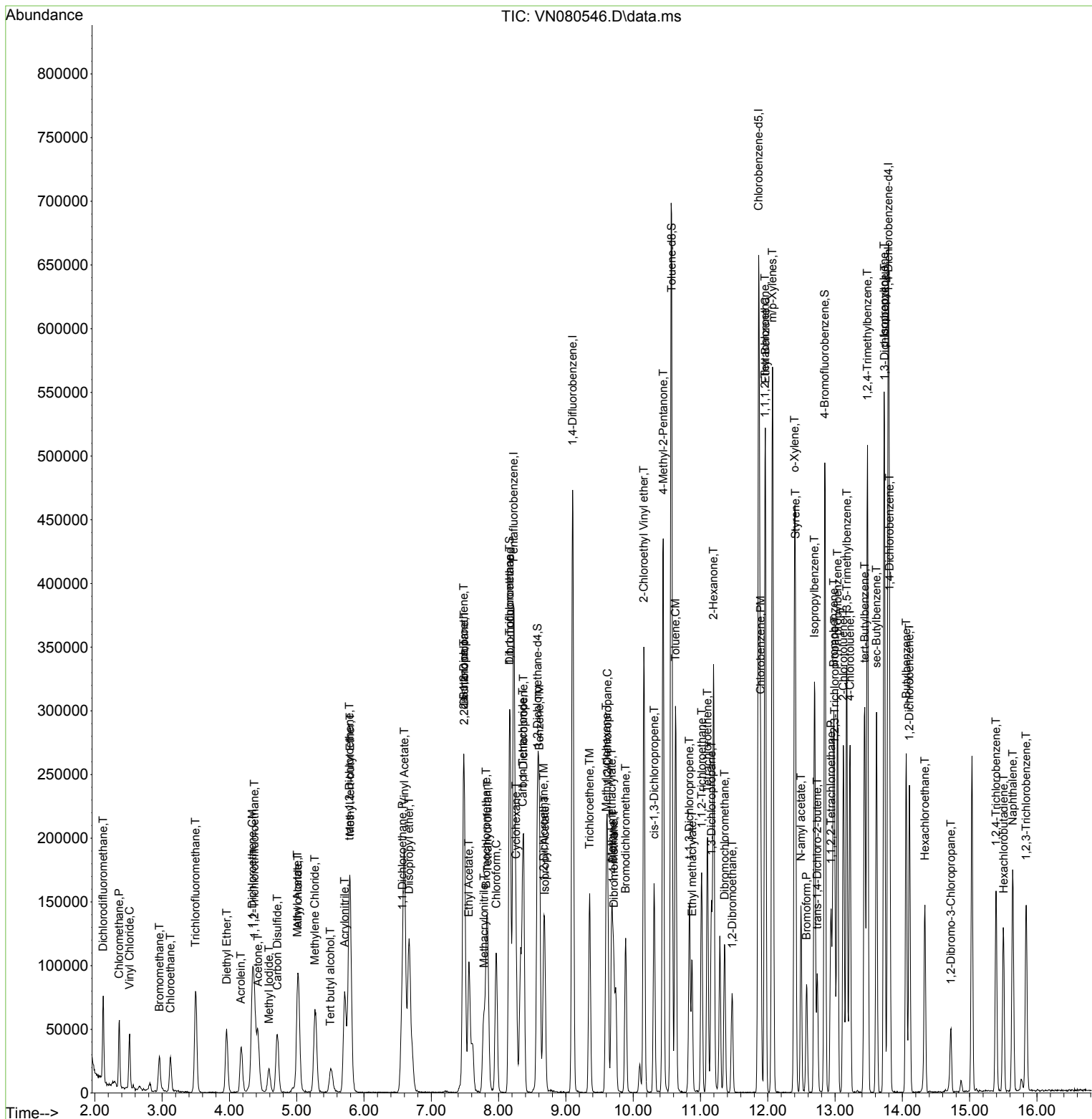
Instrument :
MSVOA_N
ClientSampleId :

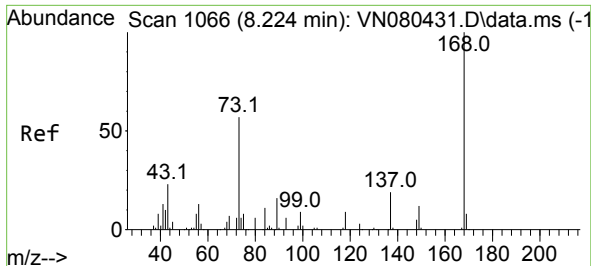
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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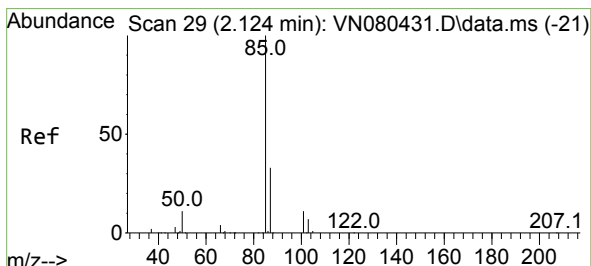
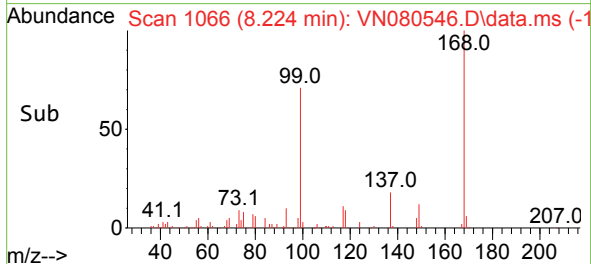
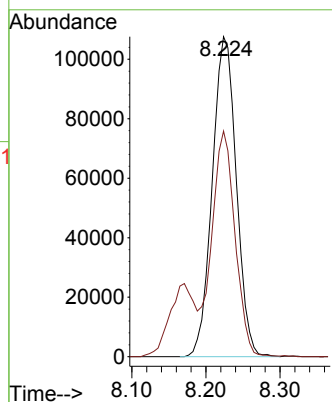
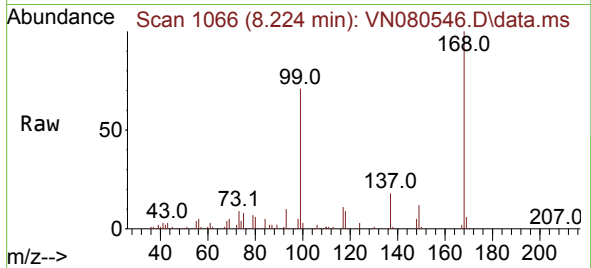




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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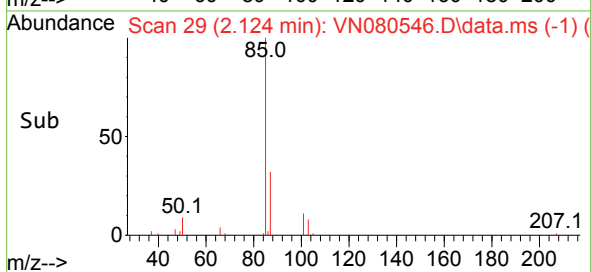
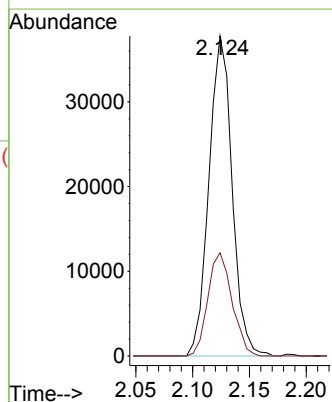
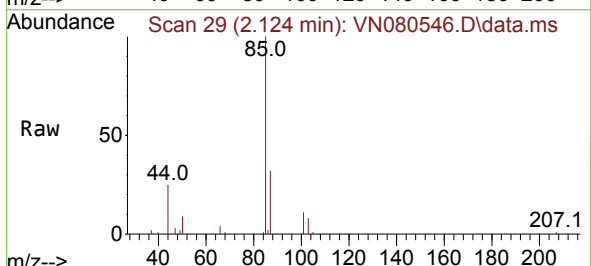
Instrument :
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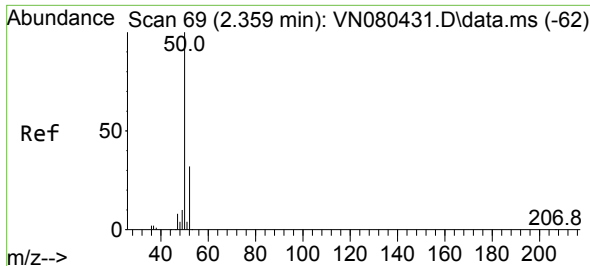
Tgt Ion:168 Resp: 242493
Ion Ratio Lower Upper
168 100
99 70.3 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 17.287 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 85 Resp: 53569
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4

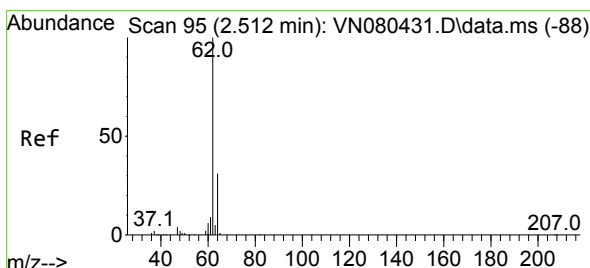
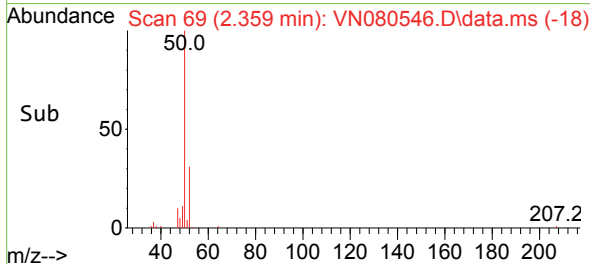
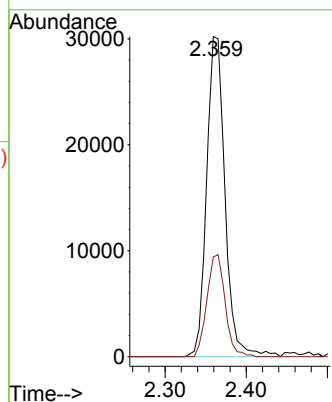
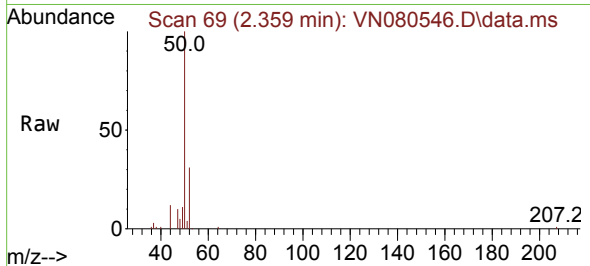




#3
Chloromethane
Concen: 14.309 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080546.D
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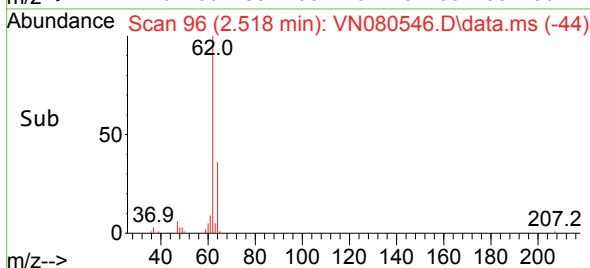
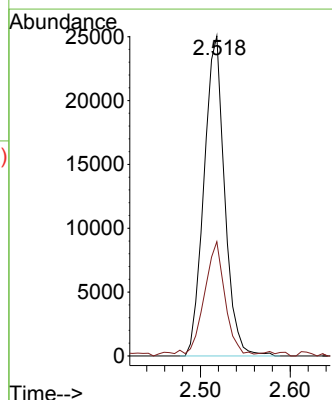
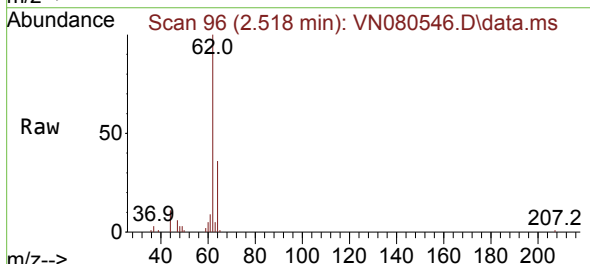
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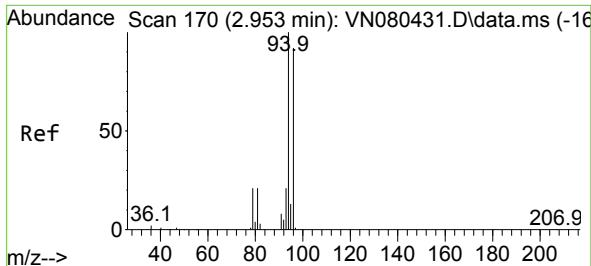
Tgt Ion: 50 Resp: 47321
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7



#4
Vinyl Chloride
Concen: 15.111 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

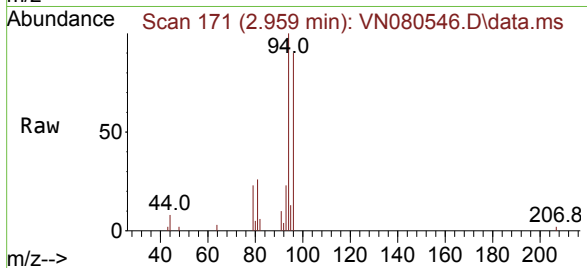
Tgt Ion: 62 Resp: 39992
Ion Ratio Lower Upper
62 100
64 34.6 26.2 39.2



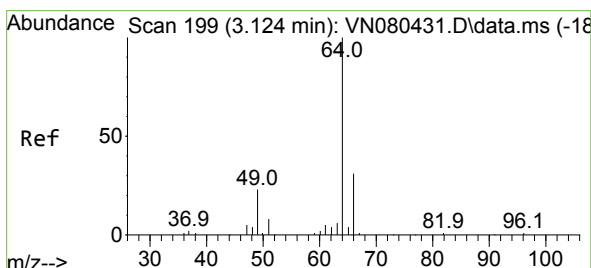
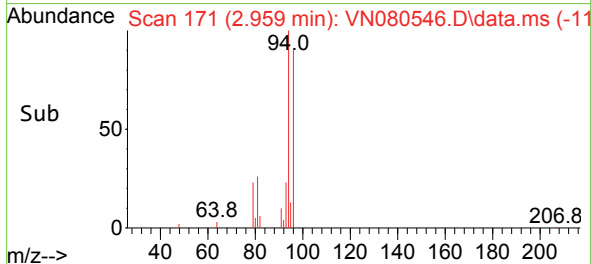
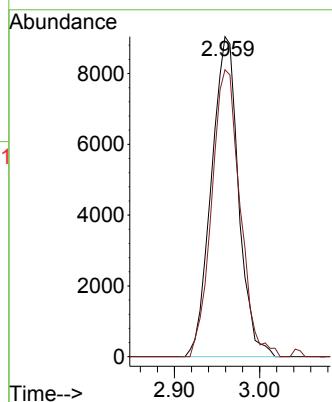


#5
Bromomethane
Concen: 16.798 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Instrument :
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ClientSampleId :

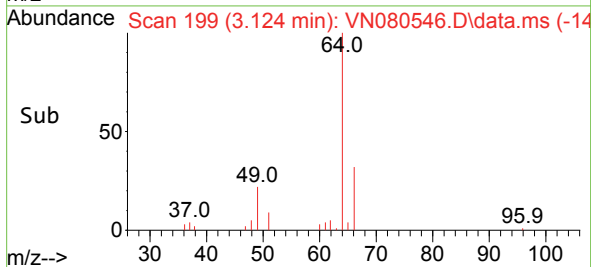
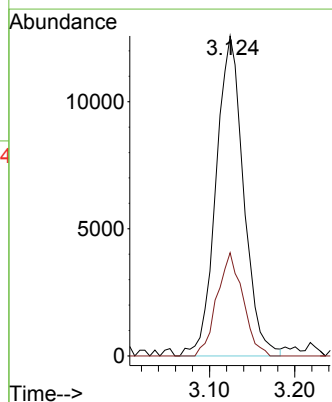
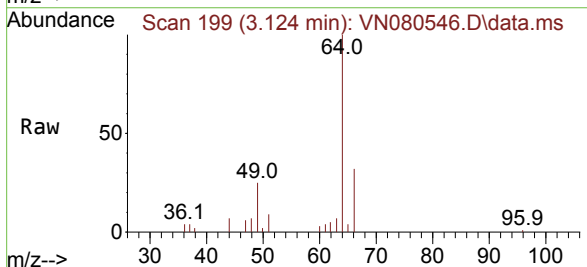


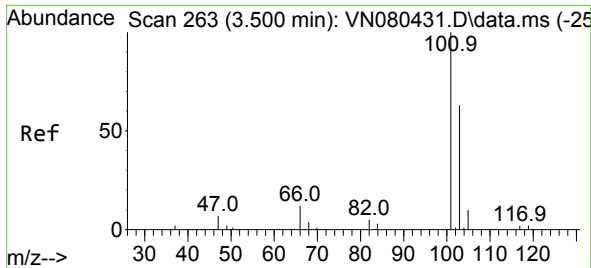
Tgt Ion: 94 Resp: 20043
Ion Ratio Lower Upper
94 100
96 89.7 73.1 109.7



#6
Chloroethane
Concen: 16.667 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 64 Resp: 28343
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2

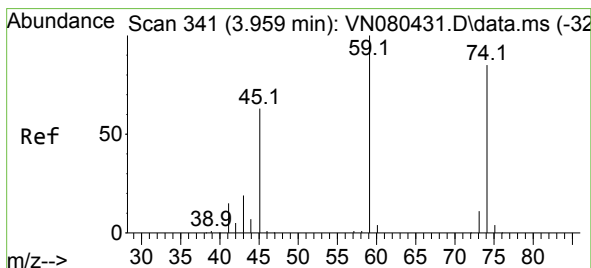
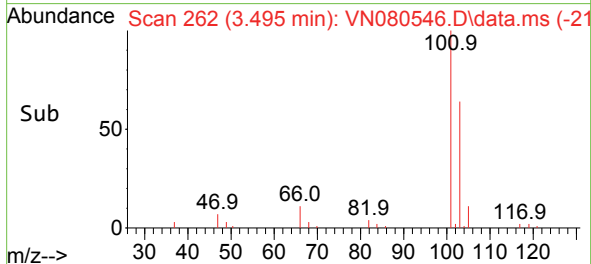
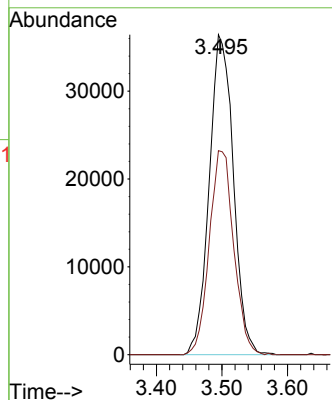
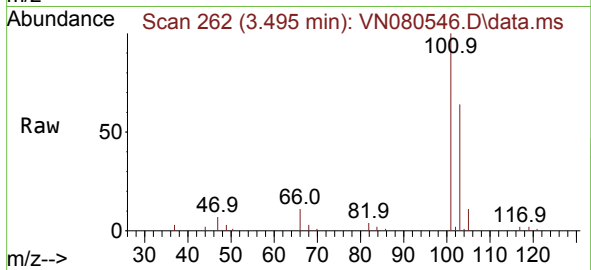




#7
Trichlorofluoromethane
Concen: 17.320 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

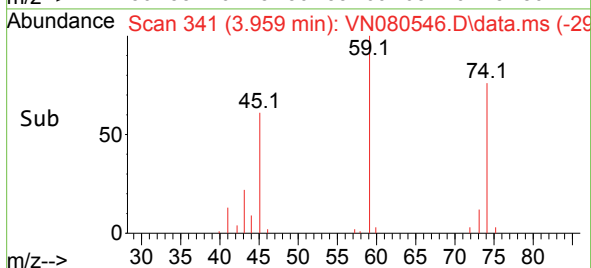
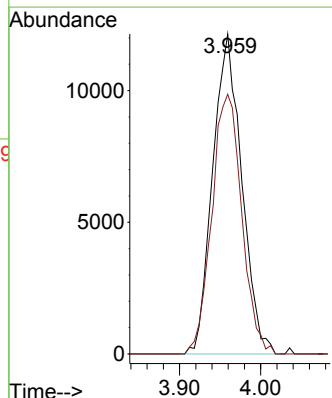
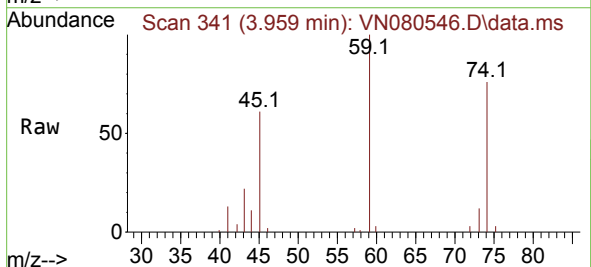
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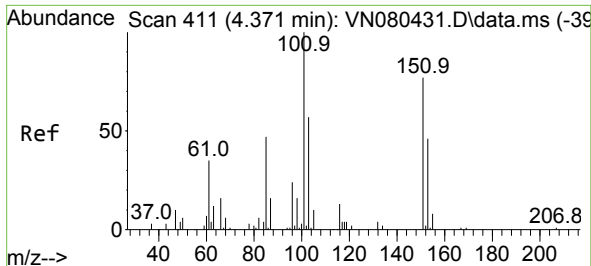
Tgt Ion:101 Resp: 92970
Ion Ratio Lower Upper
101 100
103 63.8 50.7 76.1



#8
Diethyl Ether
Concen: 17.829 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 74 Resp: 30144
Ion Ratio Lower Upper
74 100
45 83.8 34.4 103.3

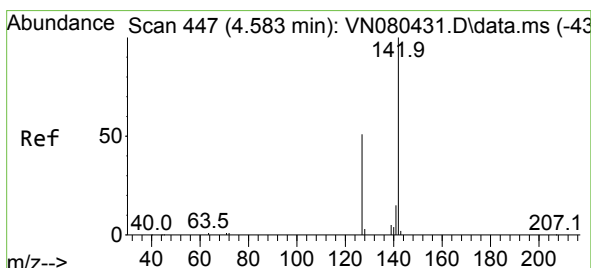
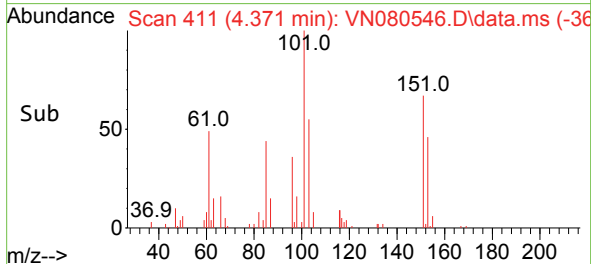
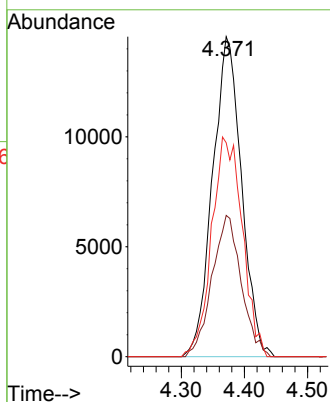
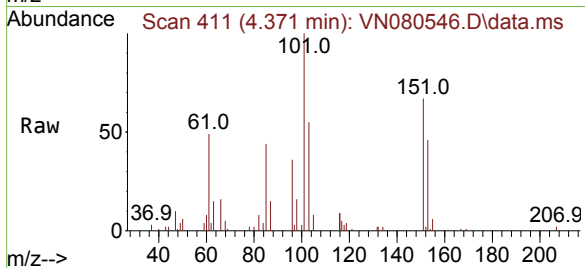




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.172 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
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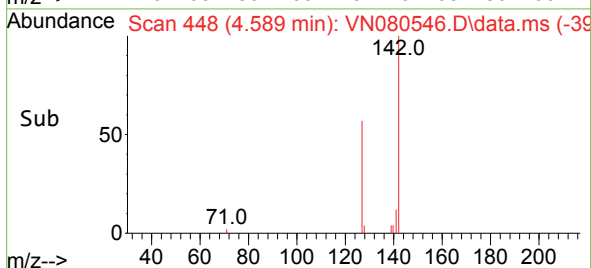
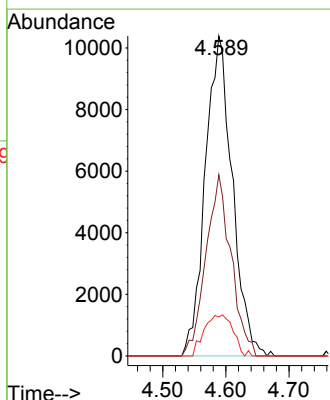
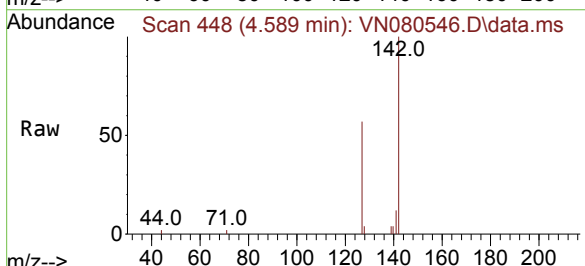
Instrument :
MSVOA_N
ClientSampleId :

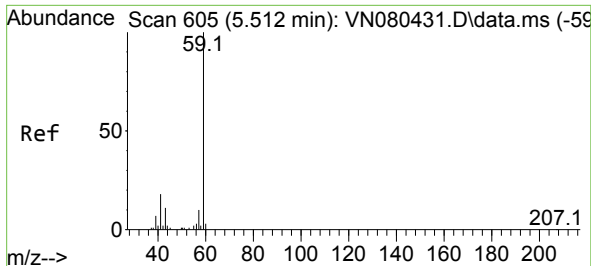
Tgt Ion:101 Resp: 46232
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 72.8 57.6 86.4



#10
Methyl Iodide
Concen: 13.808 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

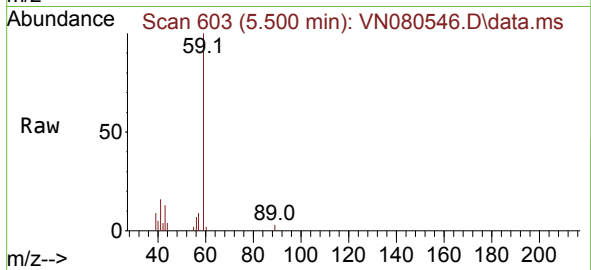
Tgt Ion:142 Resp: 30899
Ion Ratio Lower Upper
142 100
127 56.6 37.6 56.4#
141 12.2 11.4 17.0



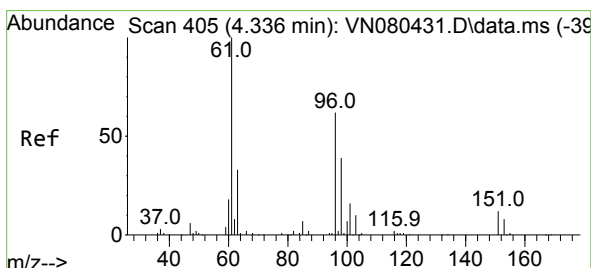
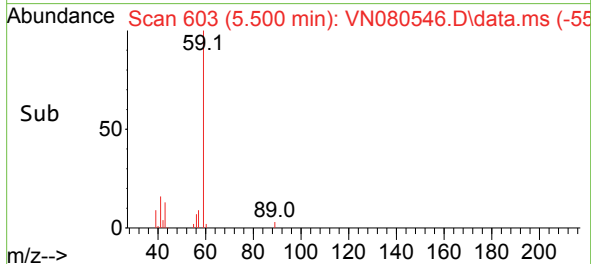
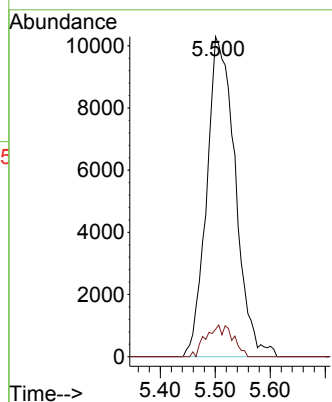


#11
Tert butyl alcohol
Concen: 101.625 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Instrument :
MSVOA_N
ClientSampleId :

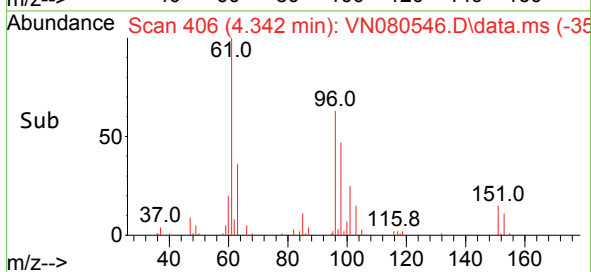
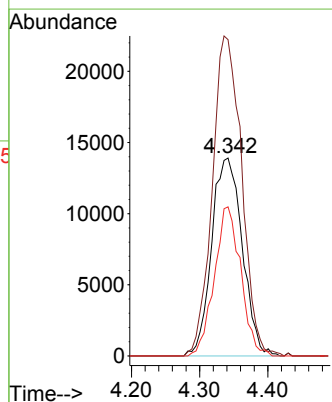
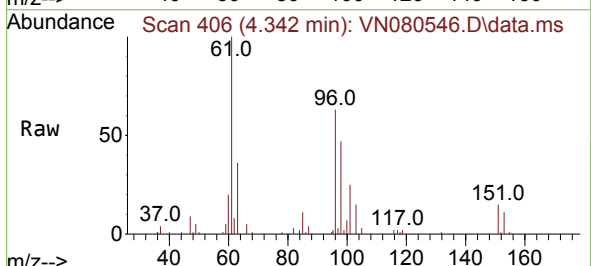


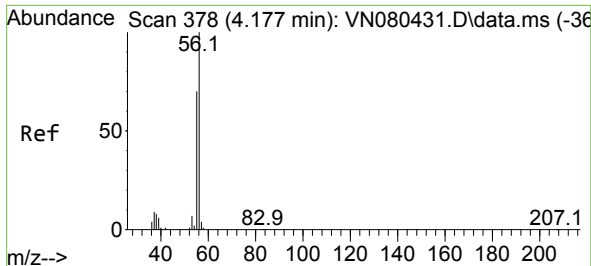
Tgt Ion: 59 Resp: 37069
Ion Ratio Lower Upper
59 100
57 5.6 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 16.696 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 96 Resp: 43525
Ion Ratio Lower Upper
96 100
61 159.8 112.7 169.1
98 75.4 51.2 76.8

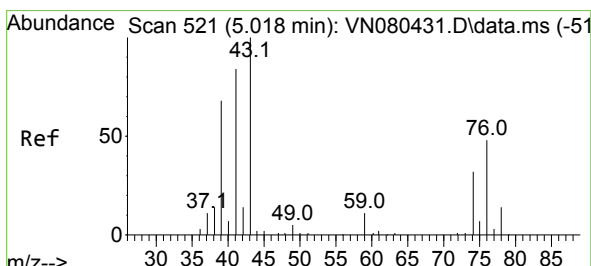
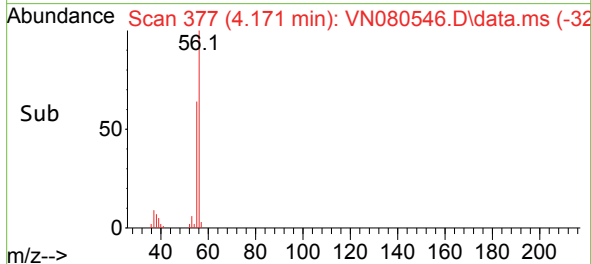
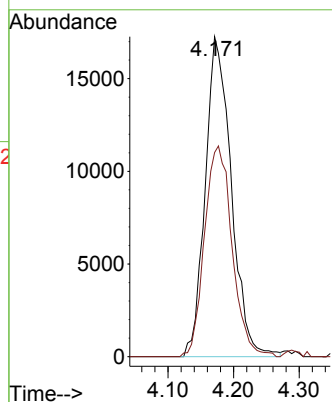
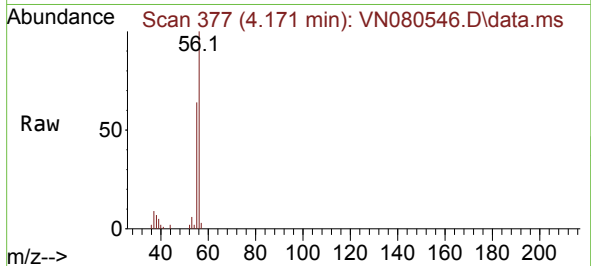




#13
Acrolein
Concen: 119.189 ug/l
RT: 4.171 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

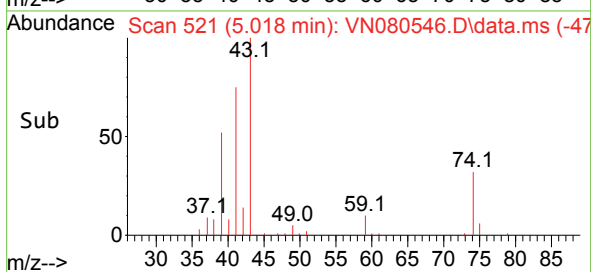
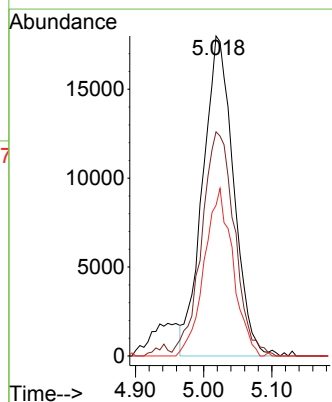
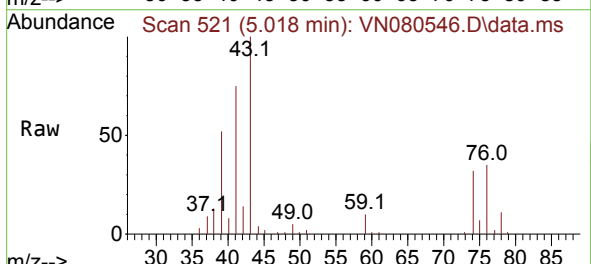
Instrument :
MSVOA_N
ClientSampleId :

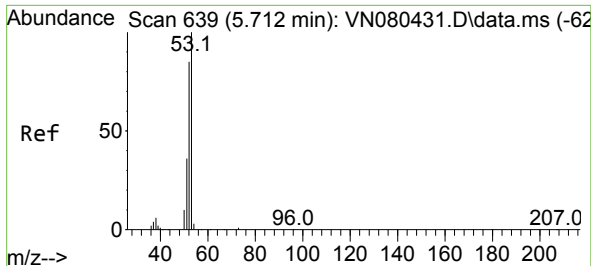
Tgt Ion: 56 Resp: 47612
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7



#14
Allyl chloride
Concen: 17.535 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

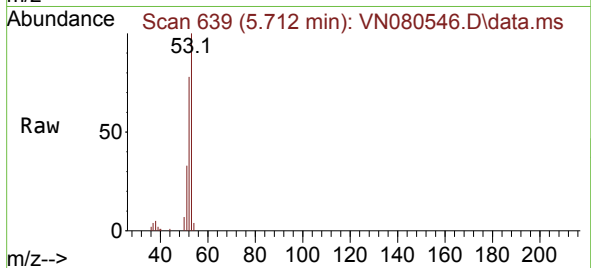
Tgt Ion: 41 Resp: 56556
Ion Ratio Lower Upper
41 100
39 74.9 58.8 88.2
76 48.7 39.1 58.7



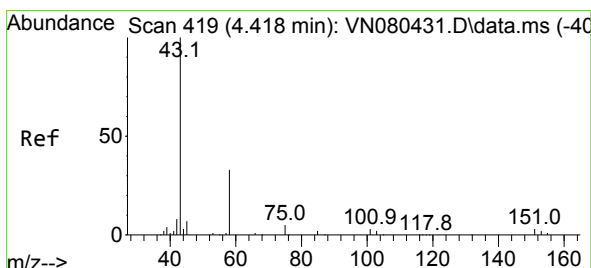
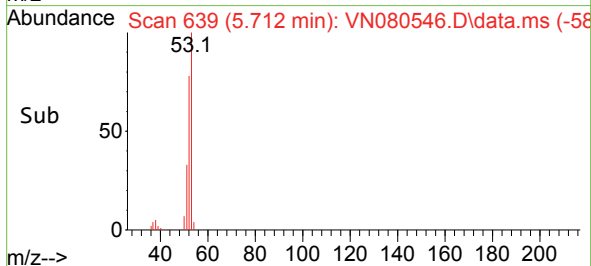
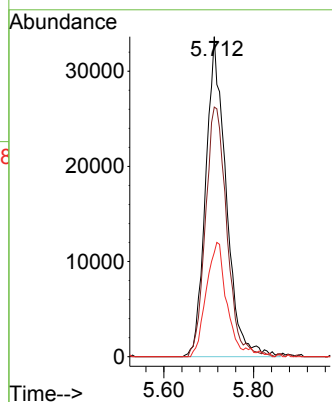


#15
Acrylonitrile
Concen: 102.923 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Instrument :
MSVOA_N
ClientSampleId :

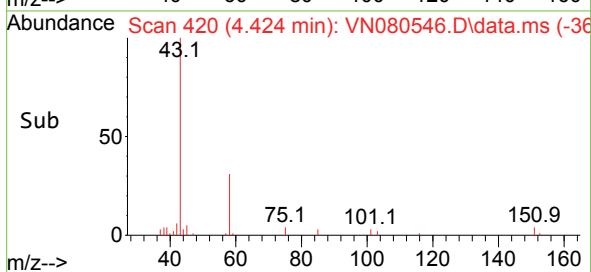
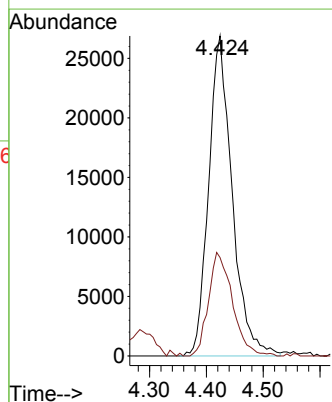
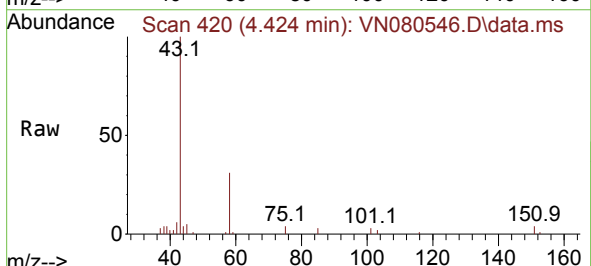


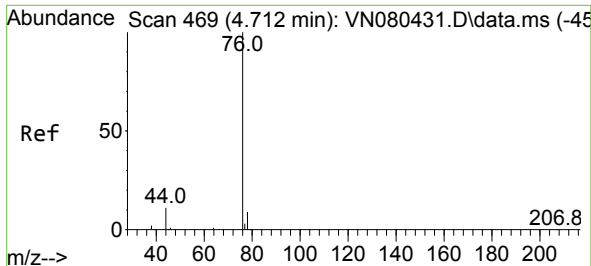
Tgt Ion: 53 Resp: 106079
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 35.1 28.9 43.3



#16
Acetone
Concen: 140.990 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 43 Resp: 77427
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0

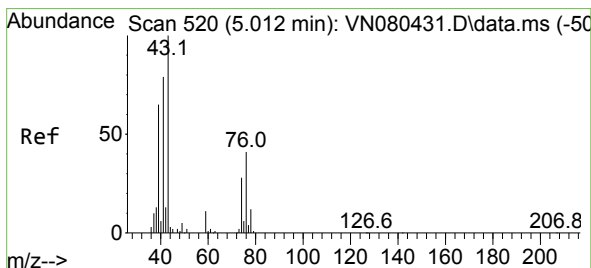
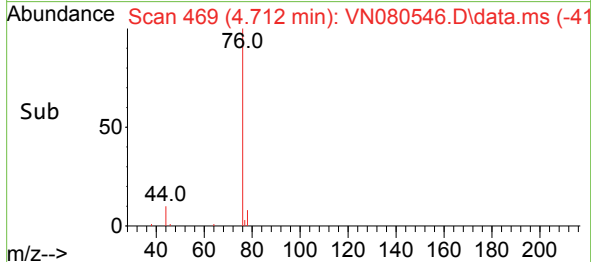
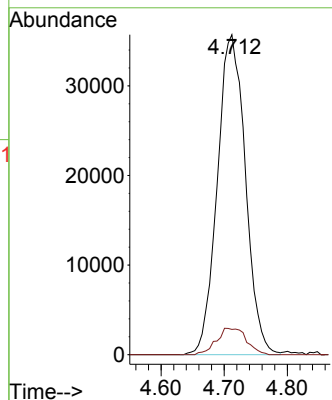
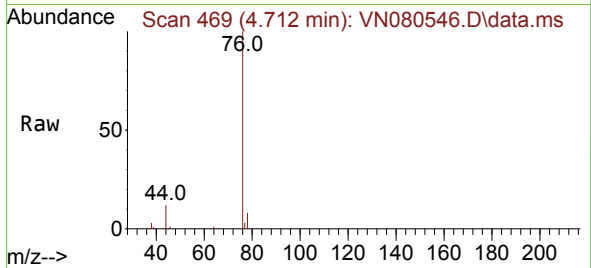




#17
Carbon Disulfide
Concen: 14.928 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

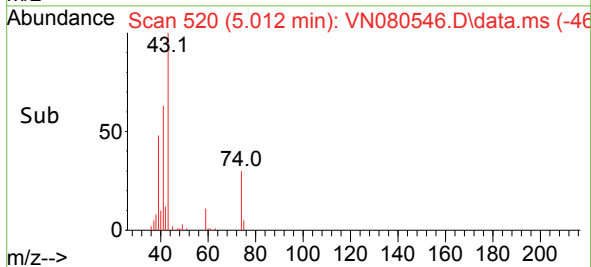
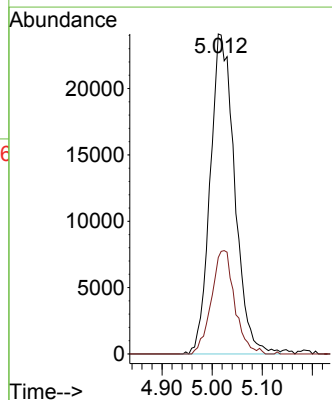
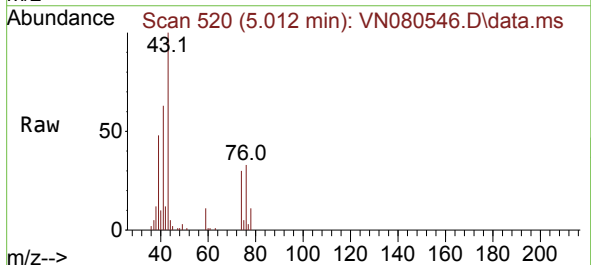
Instrument :
MSVOA_N
ClientSampleId :

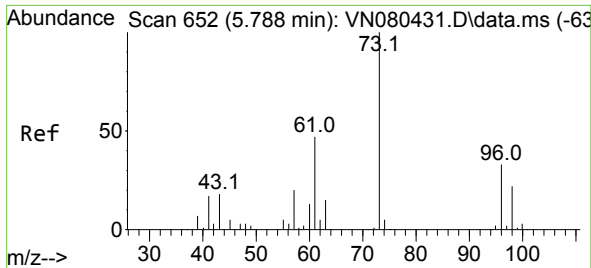
Tgt Ion: 76 Resp: 110289
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



#18
Methyl Acetate
Concen: 23.099 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 43 Resp: 81621
Ion Ratio Lower Upper
43 100
74 30.8 26.2 39.4

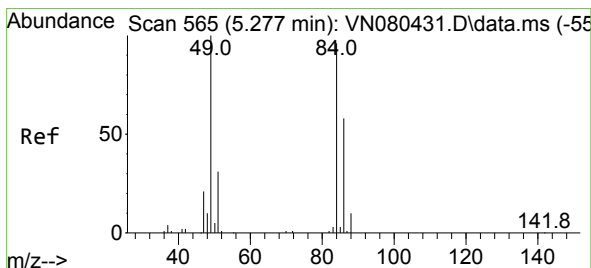
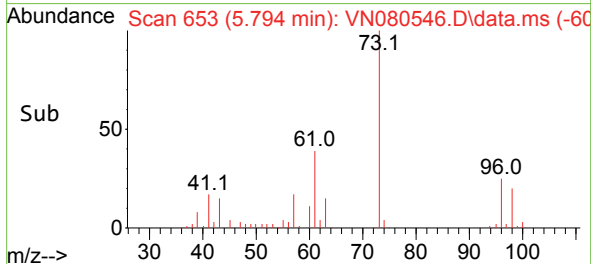
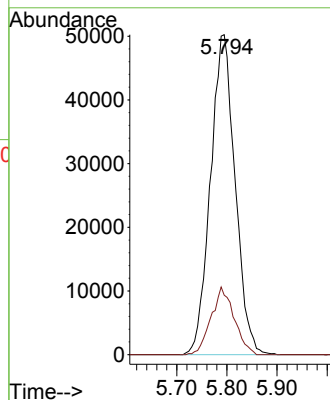
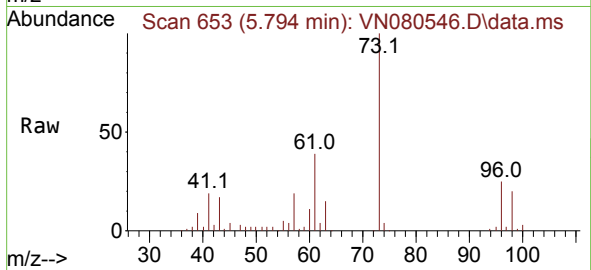




#19
Methyl tert-butyl Ether
Concen: 19.723 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

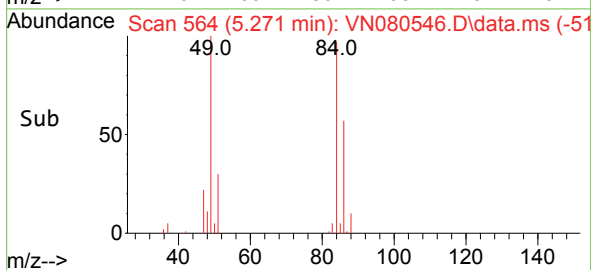
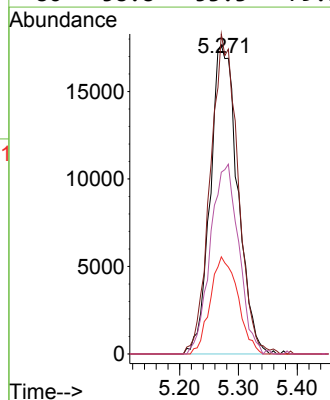
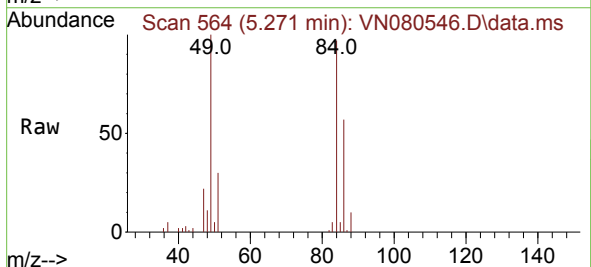
Instrument :
MSVOA_N
ClientSampleId :

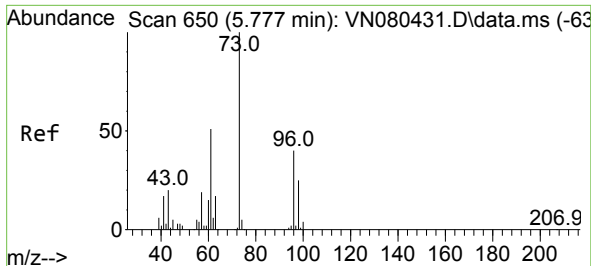
Tgt Ion: 73 Resp: 171534
Ion Ratio Lower Upper
73 100
57 18.6 15.6 23.4



#20
Methylene Chloride
Concen: 19.490 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 84 Resp: 57281
Ion Ratio Lower Upper
84 100
49 103.5 79.7 119.5
51 31.4 25.2 37.8
86 58.8 53.3 79.9

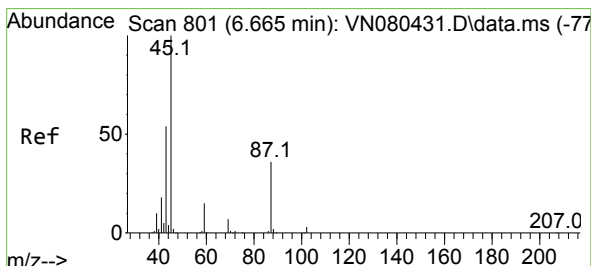
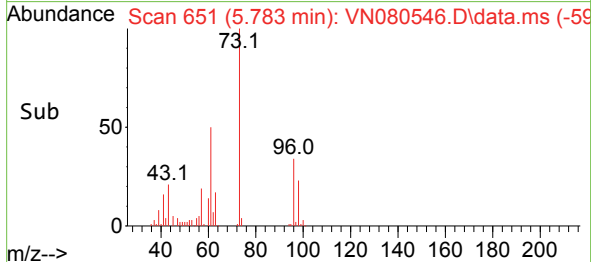
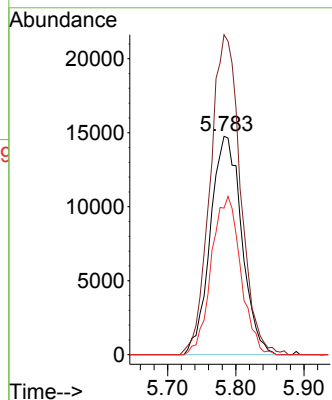
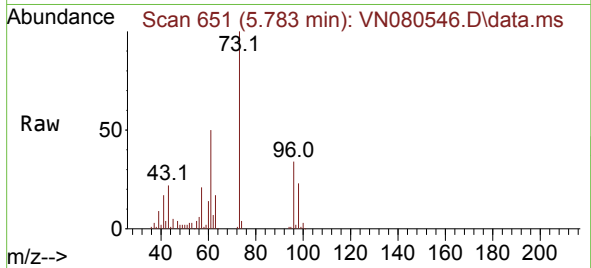




#21
trans-1,2-Dichloroethene
Concen: 16.693 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

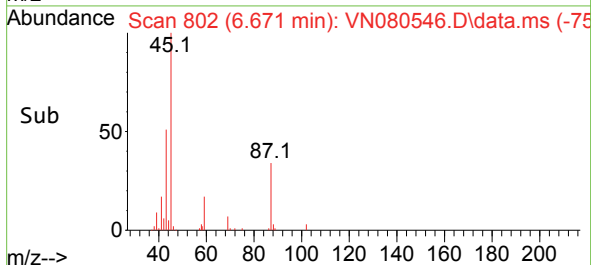
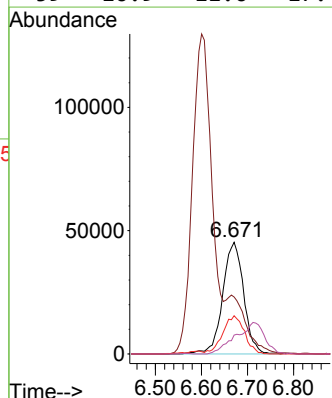
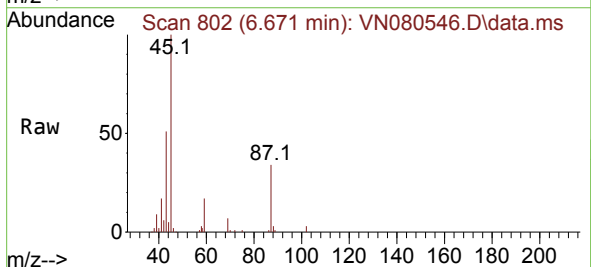
Instrument :
MSVOA_N
ClientSampleId :

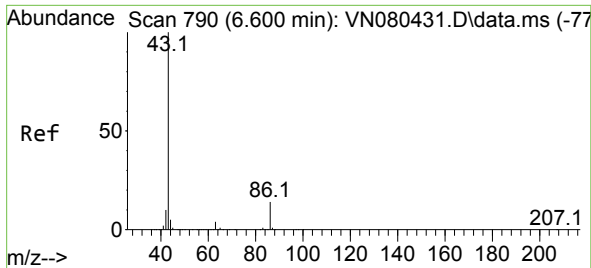
Tgt Ion: 96 Resp: 47186
Ion Ratio Lower Upper
96 100
61 146.5 90.1 135.1#
98 67.1 46.4 69.6



#22
Diisopropyl ether
Concen: 20.553 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 45 Resp: 143076
Ion Ratio Lower Upper
45 100
43 49.9 45.5 68.3
87 34.3 31.8 47.8
59 16.9 11.6 17.4

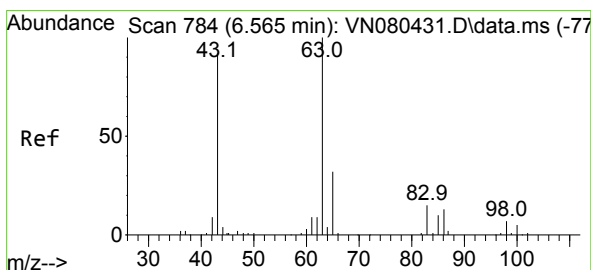
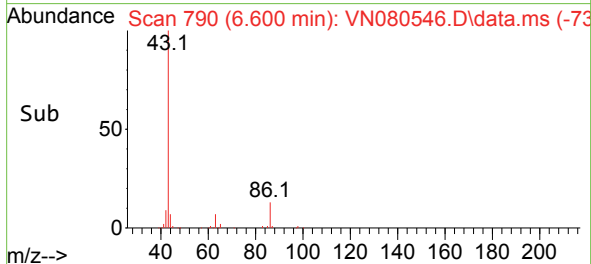
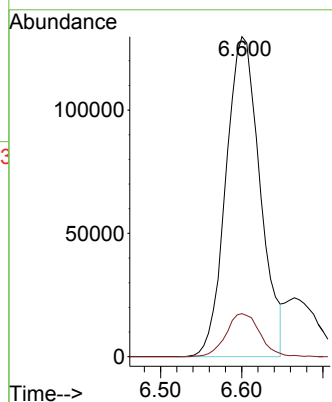
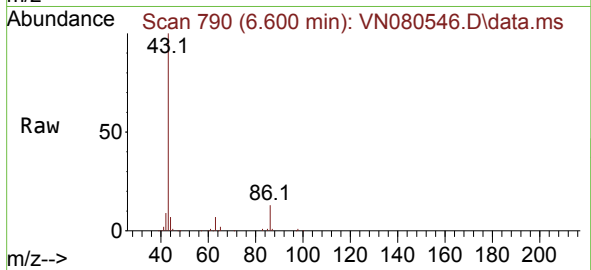




#23
 Vinyl Acetate
 Concen: 95.019 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

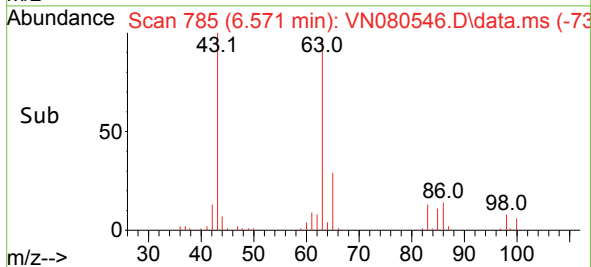
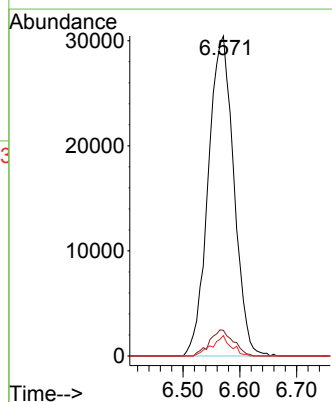
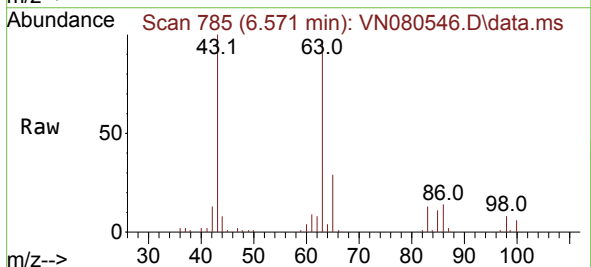
Instrument :
 MSVOA_N
 ClientSampleId :

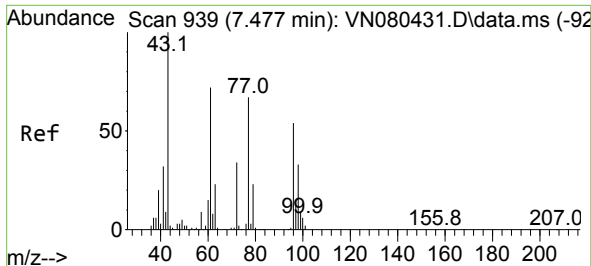
Tgt Ion: 43 Resp: 379893
 Ion Ratio Lower Upper
 43 100
 86 13.4 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 19.592 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

Tgt Ion: 63 Resp: 95155
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 6.4 2.5 7.4

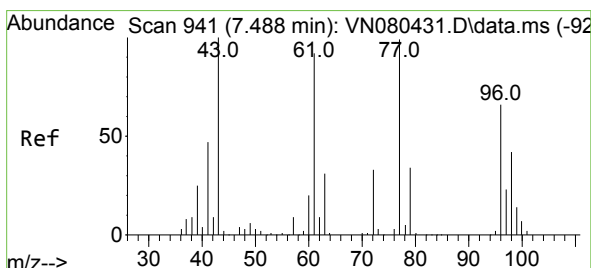
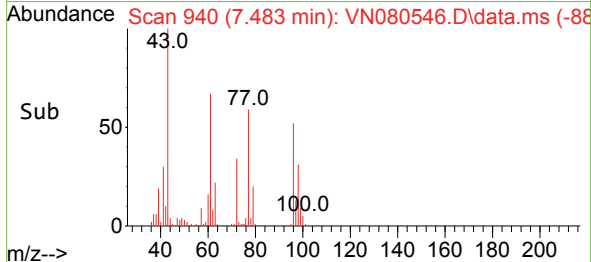
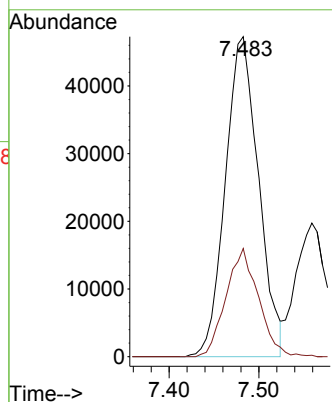
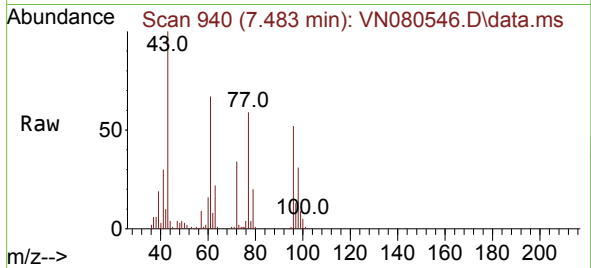




#25
2-Butanone
Concen: 114.841 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

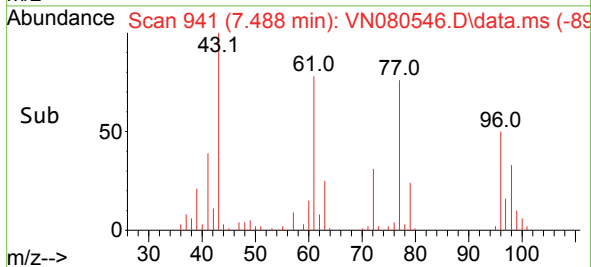
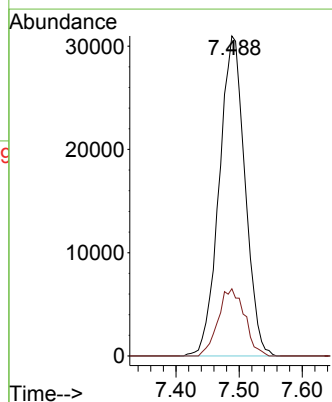
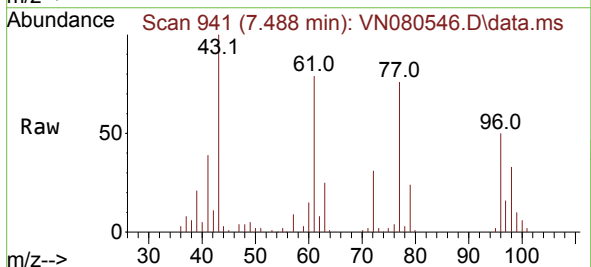
Instrument :
MSVOA_N
ClientSampleId :

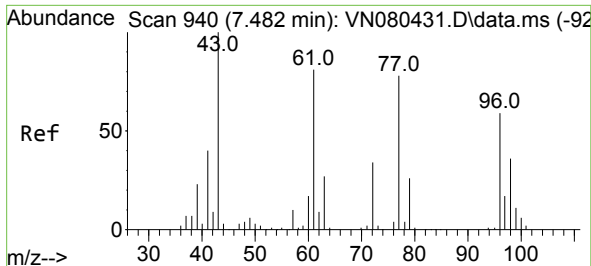
Tgt Ion: 43 Resp: 121493
Ion Ratio Lower Upper
43 100
72 33.8 30.2 45.2



#26
2,2-Dichloropropane
Concen: 17.697 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 77 Resp: 87889
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6

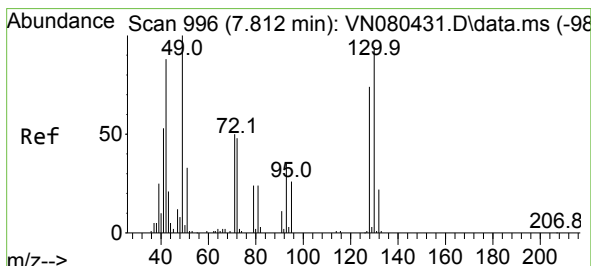
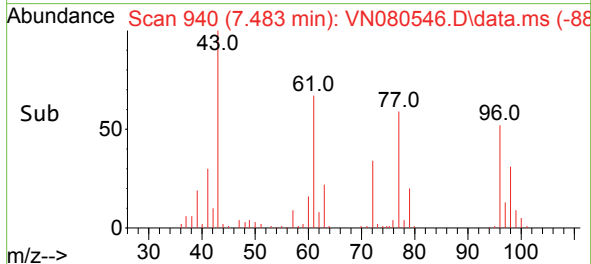
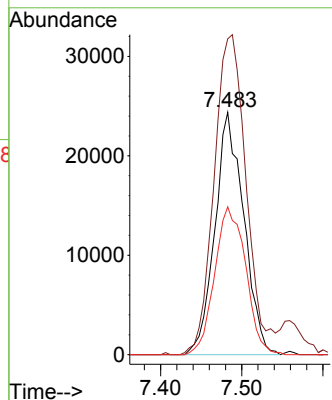
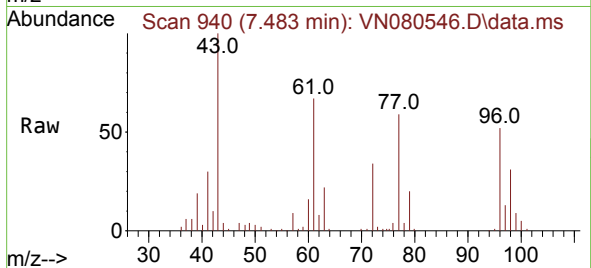




#27
 cis-1,2-Dichloroethene
 Concen: 18.819 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

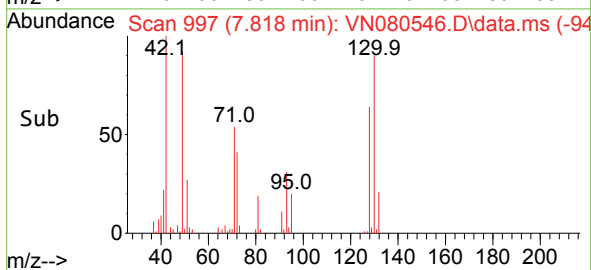
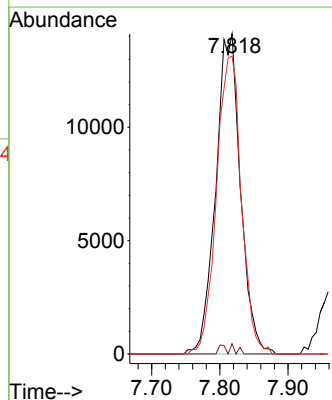
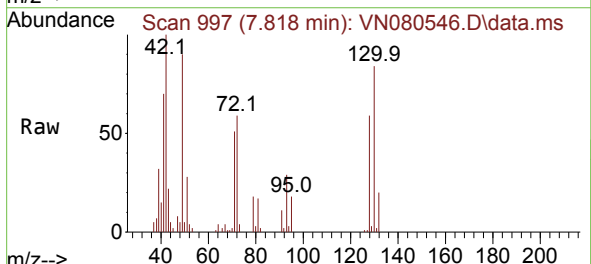
Instrument :
 MSVOA_N
 ClientSampleId :

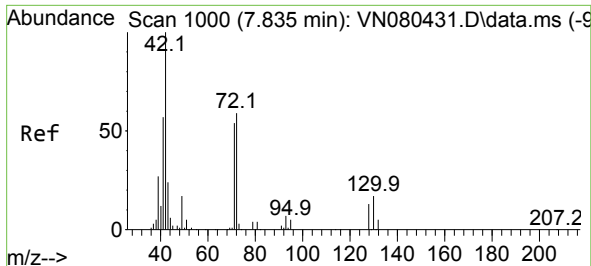
Tgt Ion: 96 Resp: 60212
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 255.2
 98 65.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.116 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

Tgt Ion: 49 Resp: 35646
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.8
 130 93.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 100.363 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

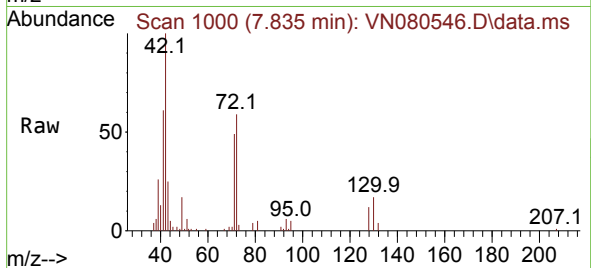
Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

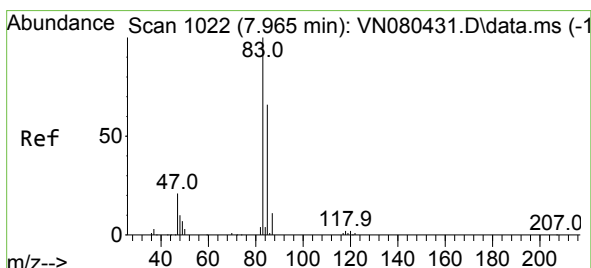
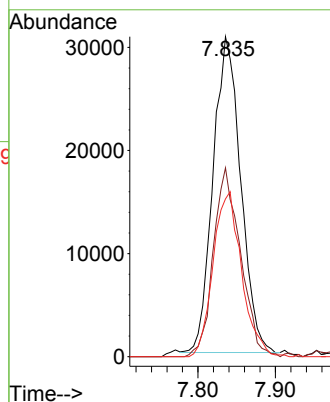
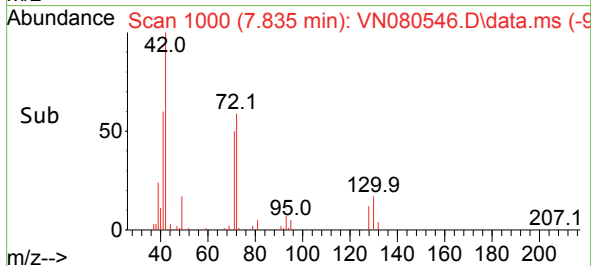
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	76031
Ion	Ratio	Lower	Upper
42	100		
72	58.6	49.8	74.6
71	53.8	47.4	71.2



#30

Chloroform

Concen: 20.594 ug/l

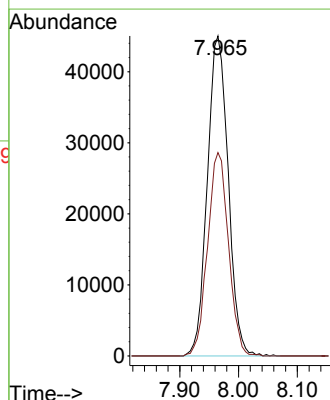
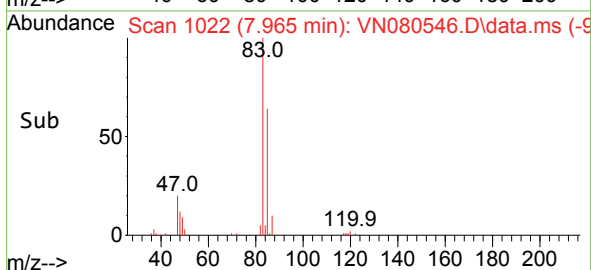
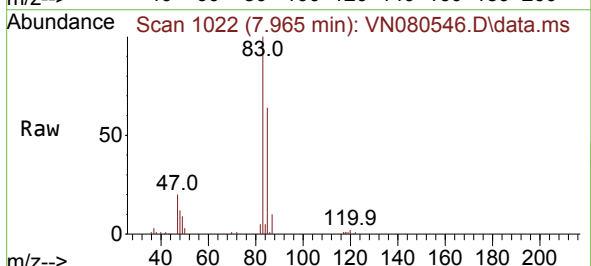
RT: 7.965 min Scan# 1022

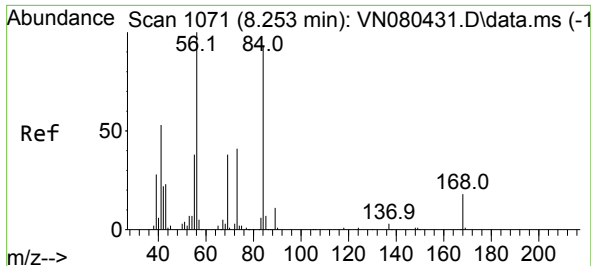
Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Tgt Ion:	83	Resp:	111026
Ion	Ratio	Lower	Upper
83	100		
85	63.5	55.4	83.0

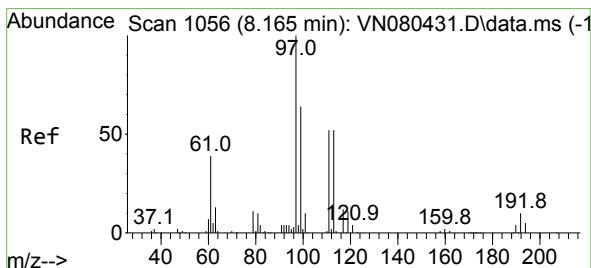
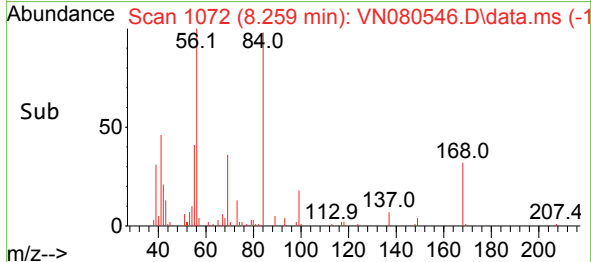
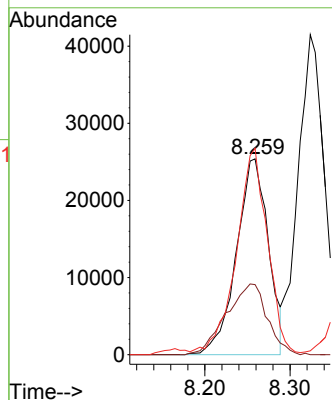
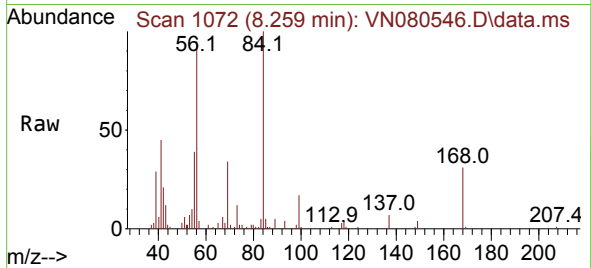




#31
Cyclohexane
Concen: 15.708 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

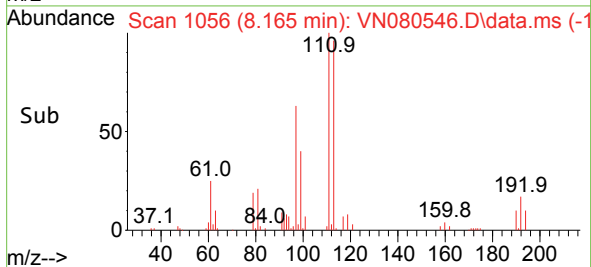
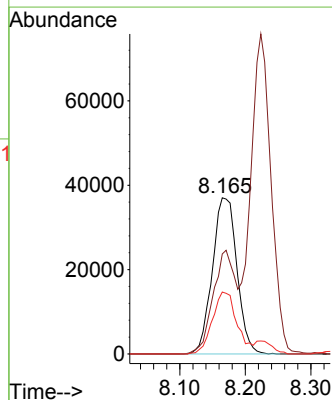
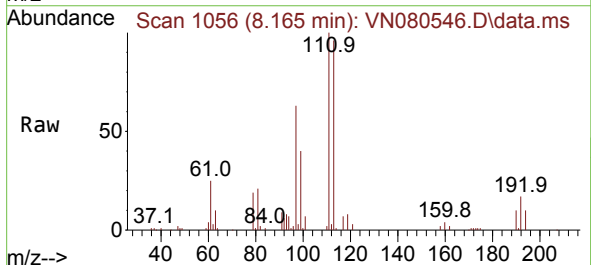
Instrument :
MSVOA_N
ClientSampleId :

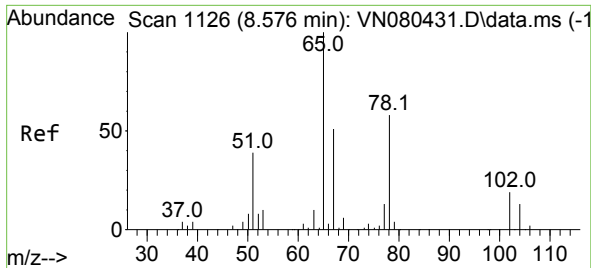
Tgt Ion: 56 Resp: 66160
Ion Ratio Lower Upper
56 100
69 35.7 26.8 40.2
84 103.2 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.235 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 97 Resp: 96253
Ion Ratio Lower Upper
97 100
99 59.7 50.3 75.5
61 39.6 34.7 52.1

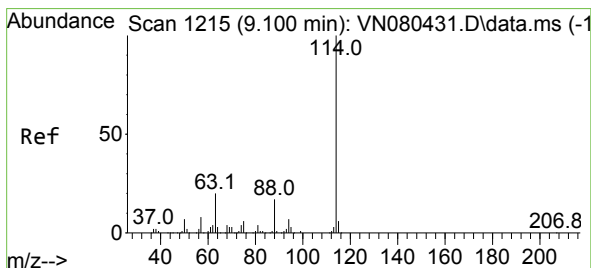
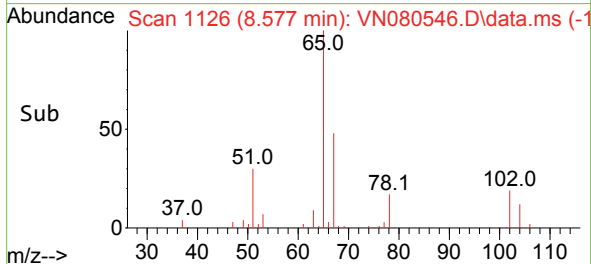
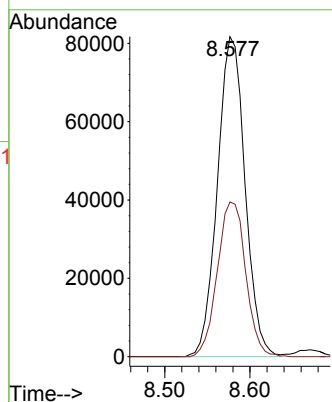
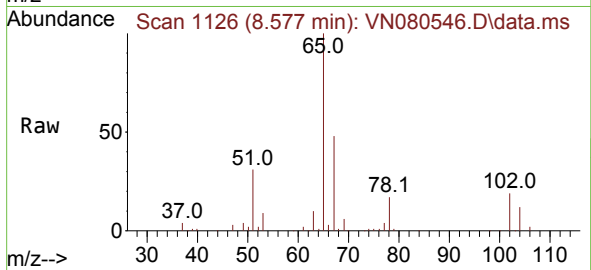




#33
 1,2-Dichloroethane-d4
 Concen: 59.491 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

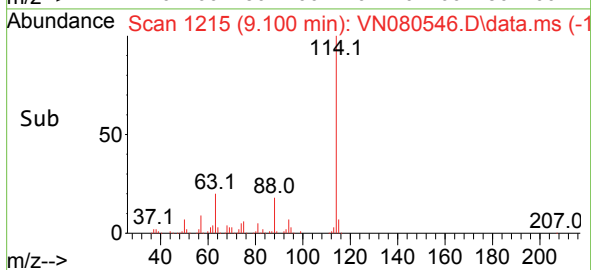
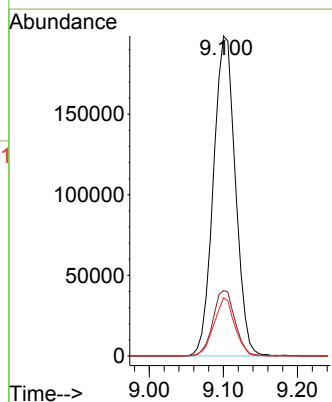
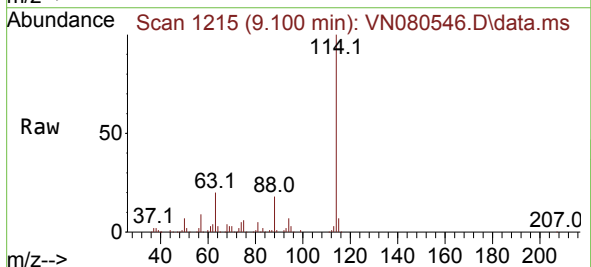
Instrument :
 MSVOA_N
 ClientSampleId :

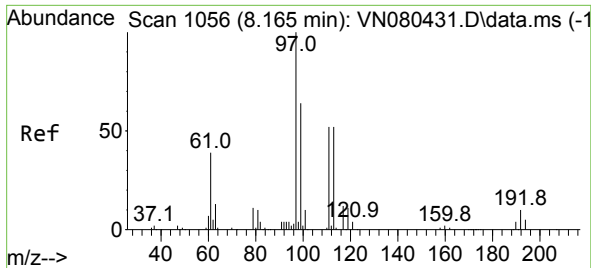
Tgt Ion: 65 Resp: 184255
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

Tgt Ion: 114 Resp: 409815
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 36.4
 88 18.2 0.0 30.6

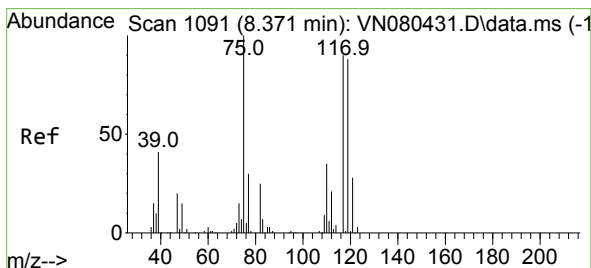
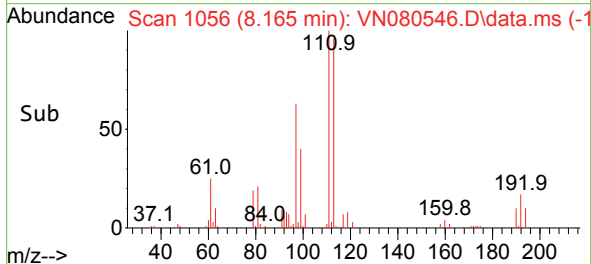
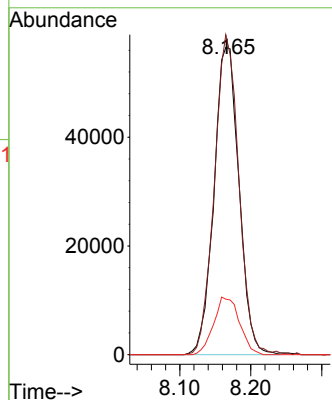
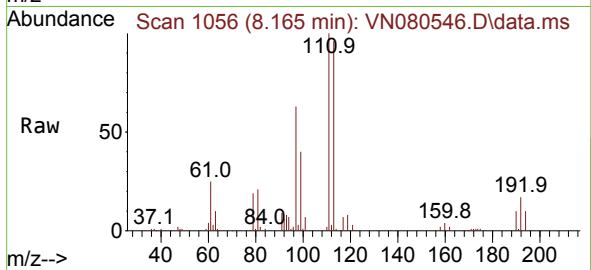




#35
Dibromofluoromethane
Concen: 53.273 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

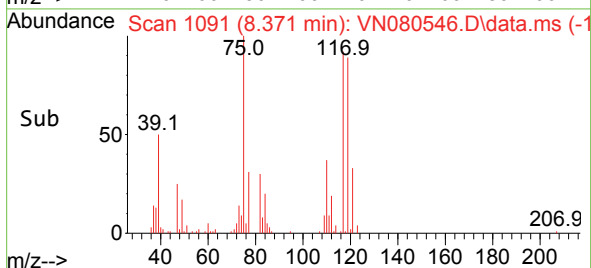
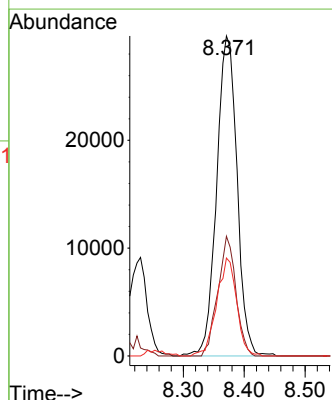
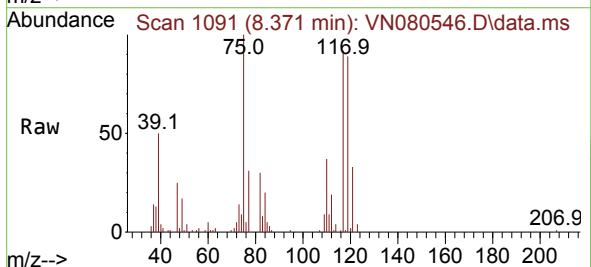
Instrument :
MSVOA_N
ClientSampleId :

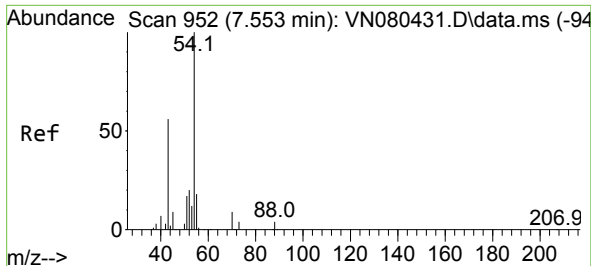
Tgt Ion:113 Resp: 138423
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 19.3 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 16.288 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

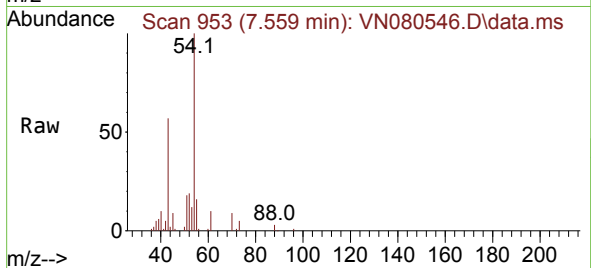
Tgt Ion: 75 Resp: 69200
Ion Ratio Lower Upper
75 100
110 33.2 19.1 57.3
77 29.9 25.0 37.4



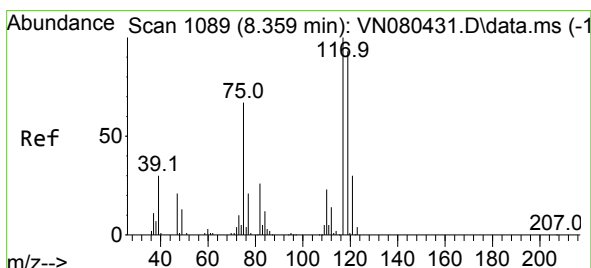
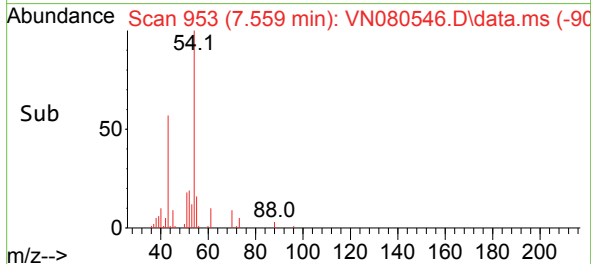
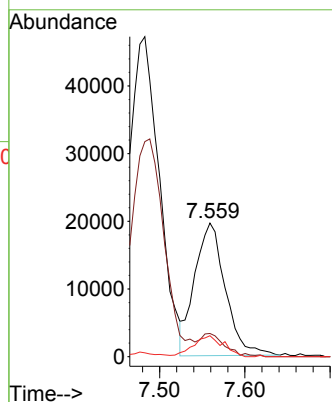


#37
Ethyl Acetate
Concen: 18.426 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Instrument :
MSVOA_N
ClientSampleId :

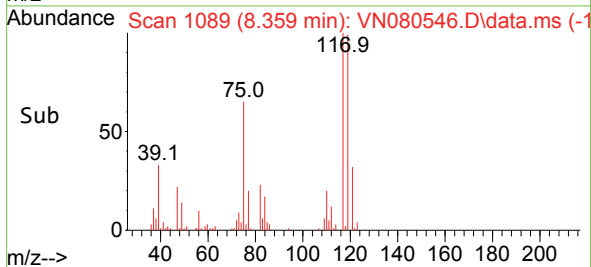
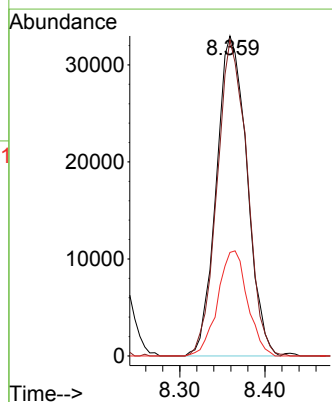
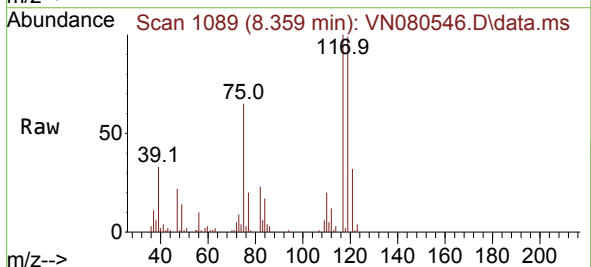


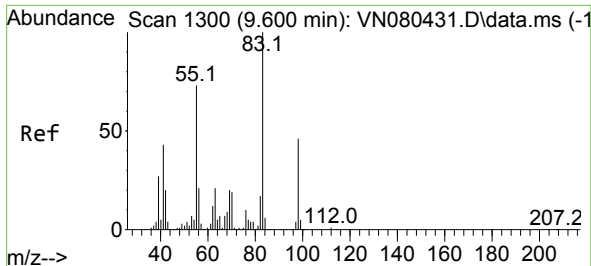
Tgt Ion: 43 Resp: 49020
Ion Ratio Lower Upper
43 100
61 14.1 13.2 19.8
70 15.4 11.3 16.9



#38
Carbon Tetrachloride
Concen: 16.227 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

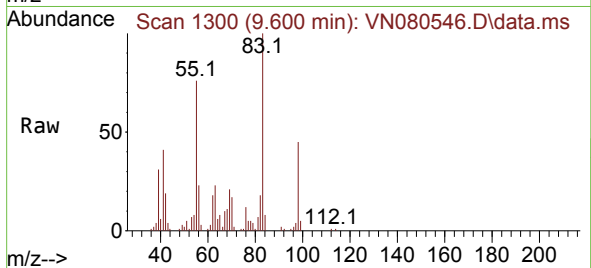
Tgt Ion: 117 Resp: 82376
Ion Ratio Lower Upper
117 100
119 98.6 77.3 115.9
121 32.4 23.3 34.9



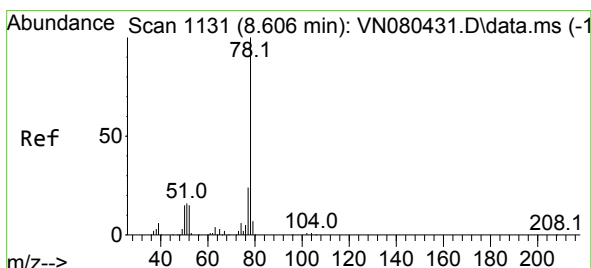
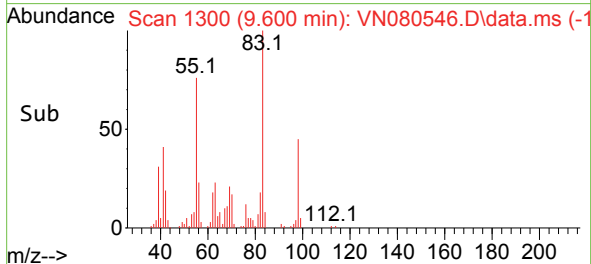
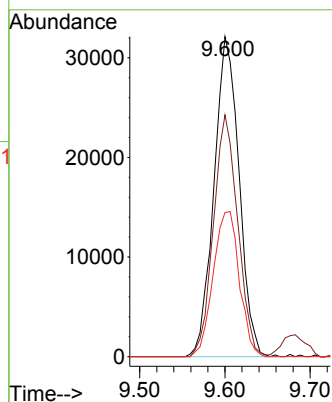


#39
Methylcyclohexane
Concen: 14.865 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Instrument :
MSVOA_N
ClientSampleId :

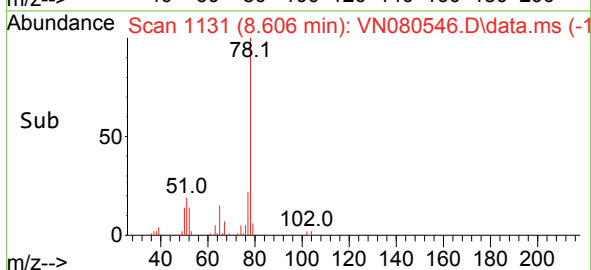
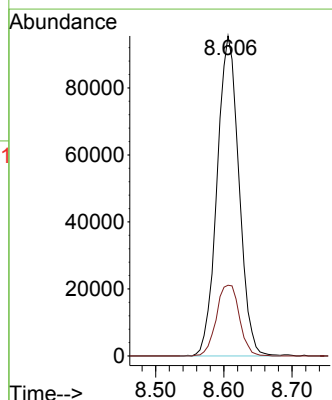
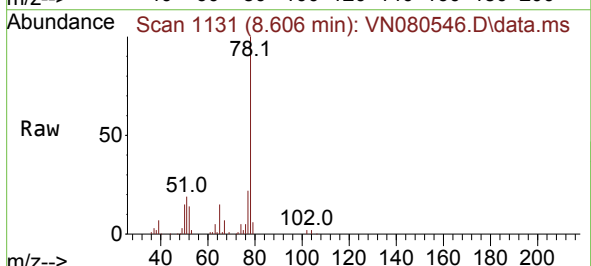


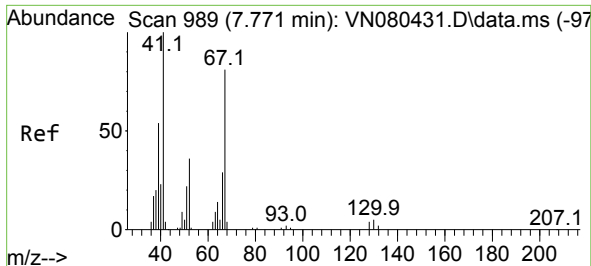
Tgt Ion: 83 Resp: 65606
Ion Ratio Lower Upper
83 100
55 75.6 49.1 73.7#
98 45.1 40.6 61.0



#40
Benzene
Concen: 17.381 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 78 Resp: 213231
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.6

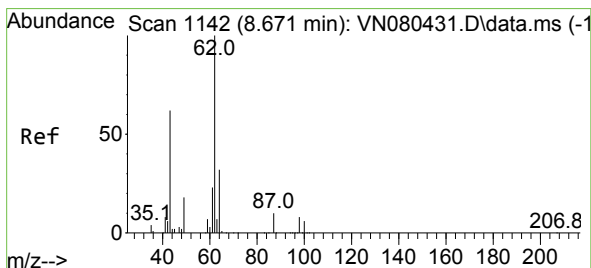
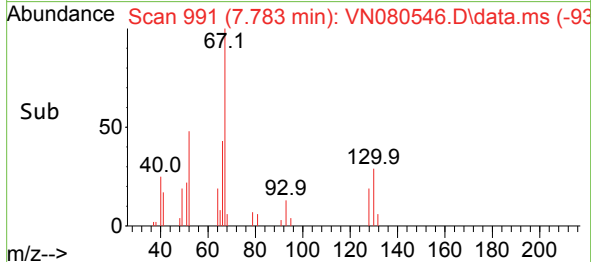
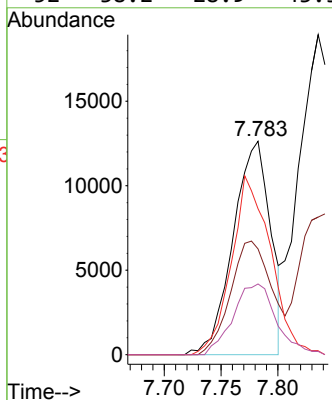
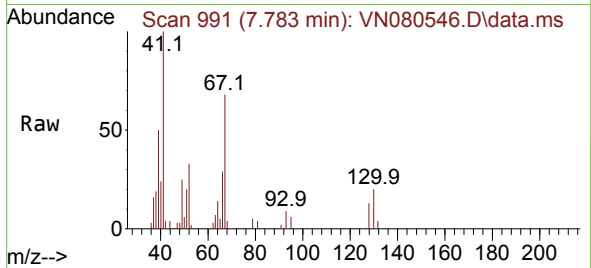




#41
Methacrylonitrile
Concen: 18.839 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

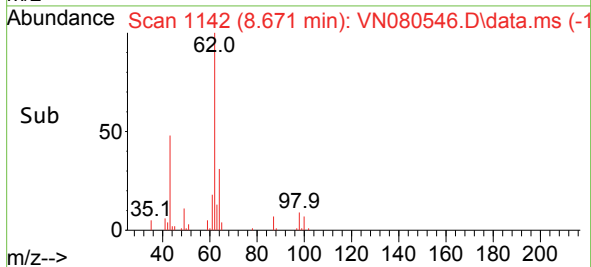
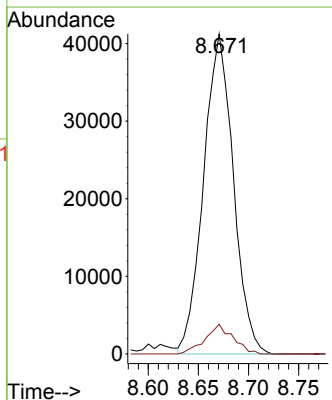
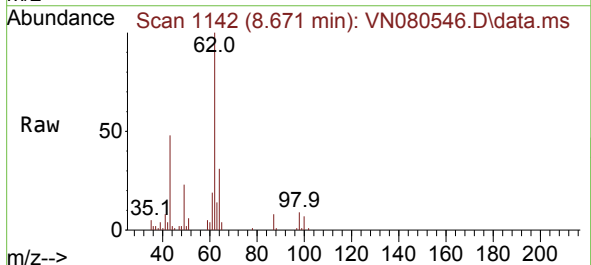
Instrument :
MSVOA_N
ClientSampleId :

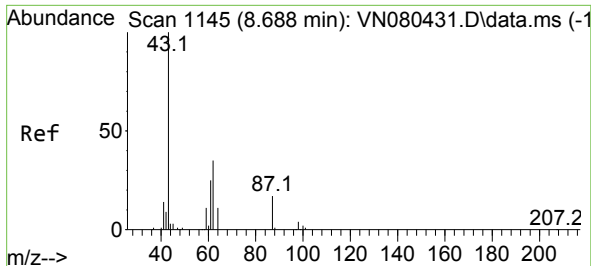
Tgt Ion: 41	Resp: 28895
Ion Ratio	Lower Upper
41 100	
39 58.8	42.6 64.0
67 88.0	77.5 116.3
52 38.2	28.9 43.3



#42
1,2-Dichloroethane
Concen: 18.738 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

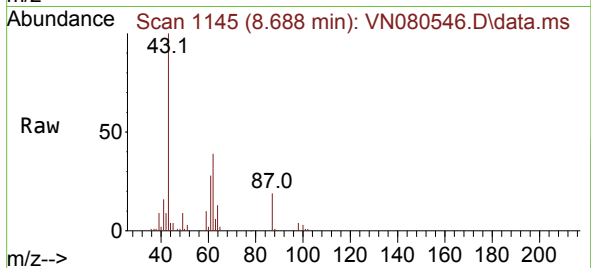
Tgt Ion: 62	Resp: 85128
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 19.8



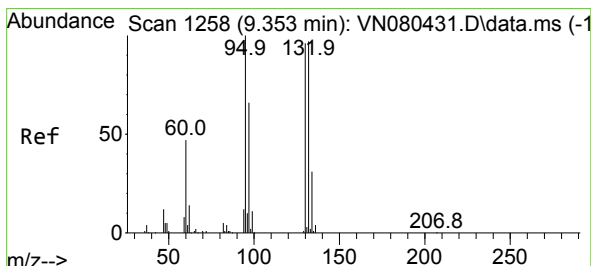
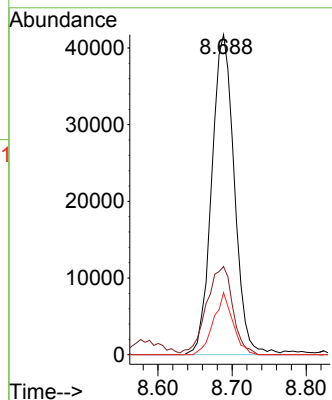
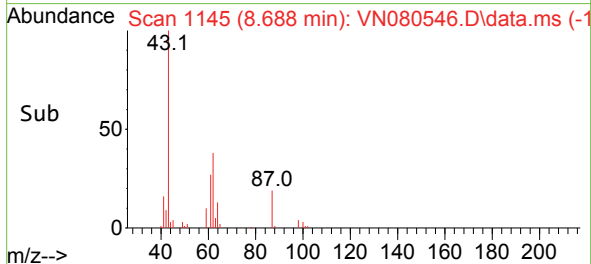


#43
Isopropyl Acetate
Concen: 18.494 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Instrument :
MSVOA_N
ClientSampleId :

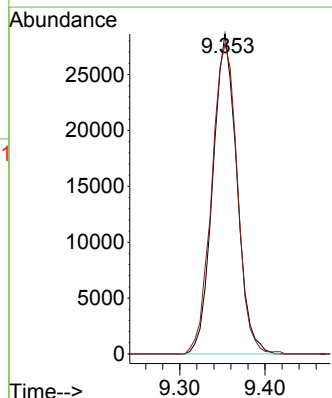
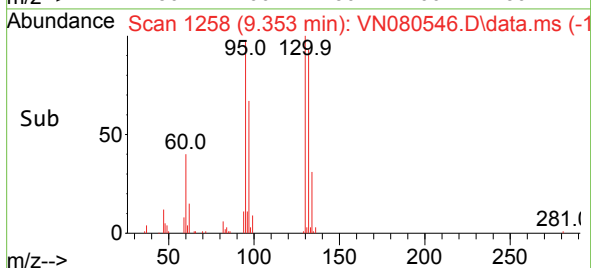
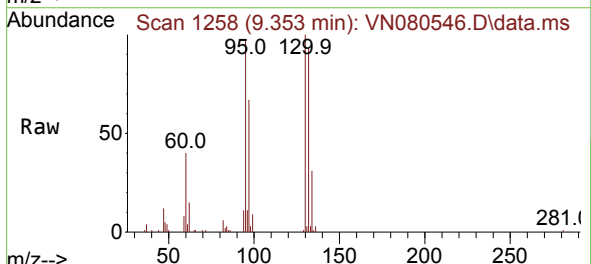


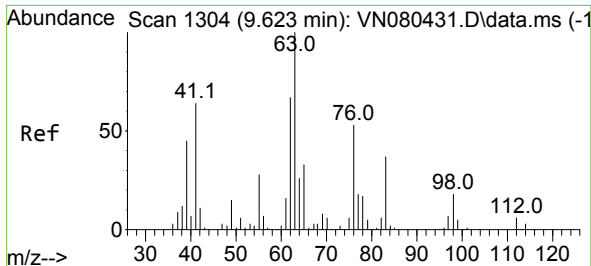
Tgt Ion: 43 Resp: 88466
Ion Ratio Lower Upper
43 100
61 32.1 24.7 37.1
87 16.5 14.6 21.8



#44
Trichloroethene
Concen: 17.030 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion:130 Resp: 56324
Ion Ratio Lower Upper
130 100
95 96.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.491 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

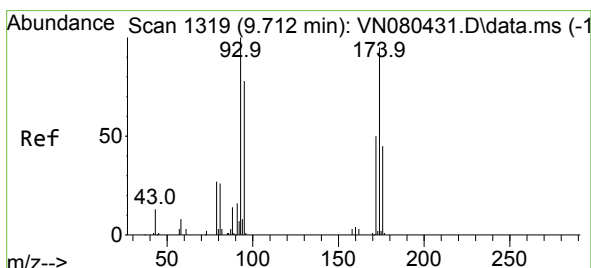
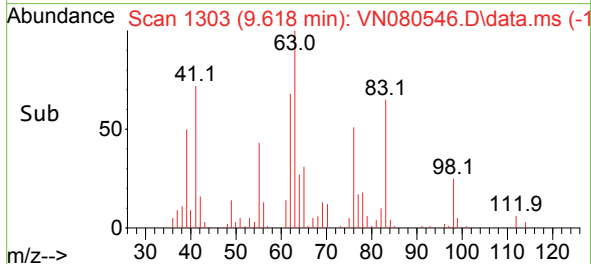
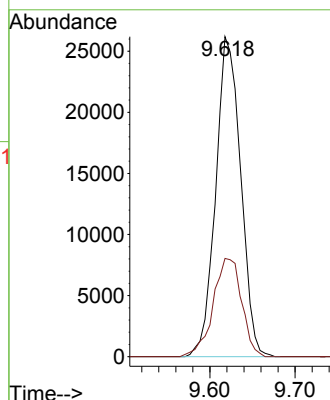
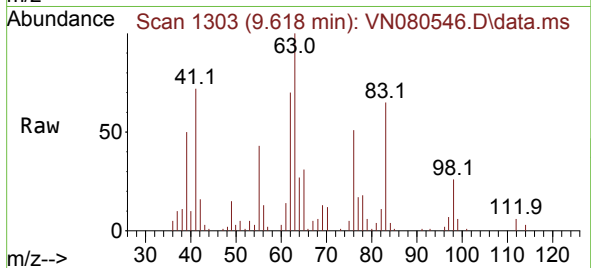
ClientSampleId :

Tgt Ion: 63 Resp: 53282

Ion Ratio Lower Upper

63 100

65 30.7 23.9 35.9



#46

Dibromomethane

Concen: 18.967 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

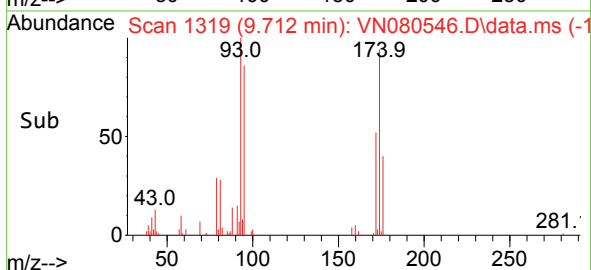
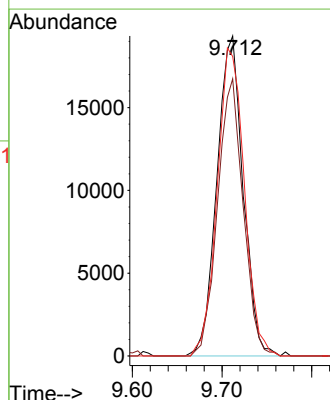
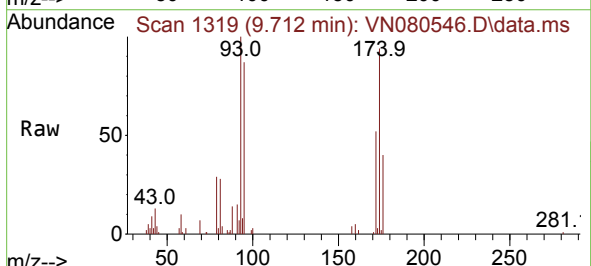
Tgt Ion: 93 Resp: 39247

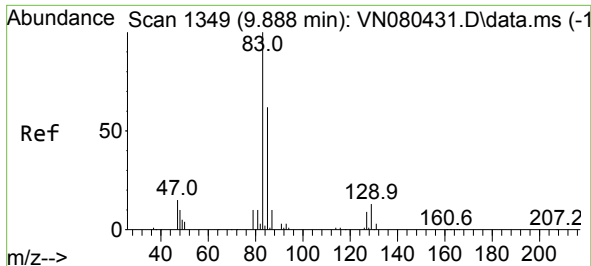
Ion Ratio Lower Upper

93 100

95 84.6 63.8 95.8

174 99.3 65.6 98.4#

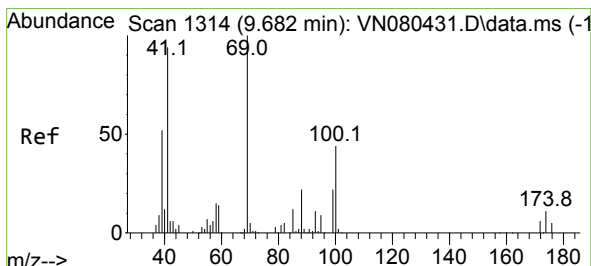
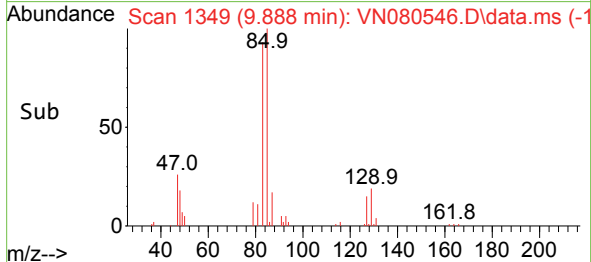
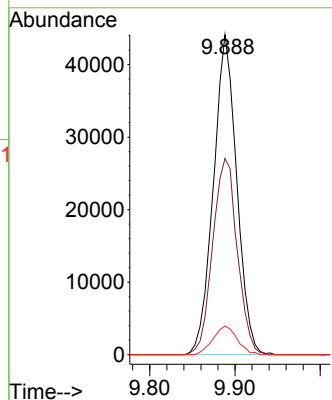
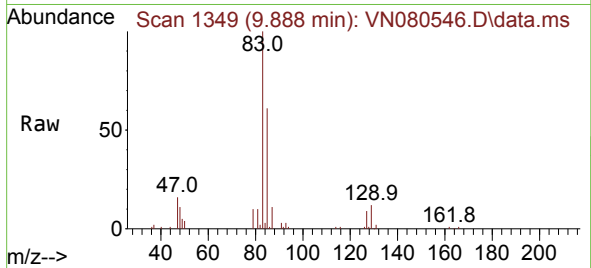




#47
Bromodichloromethane
Concen: 18.918 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

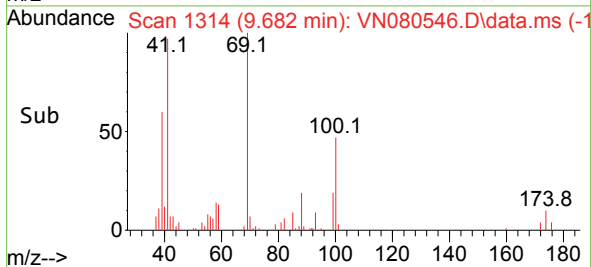
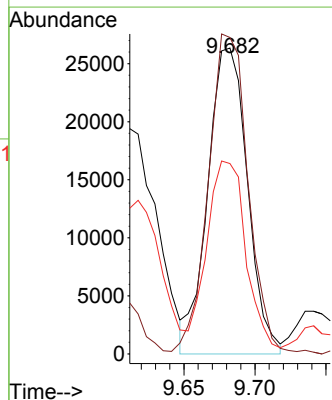
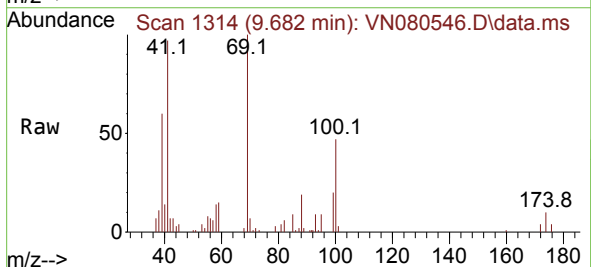
Instrument :
MSVOA_N
ClientSampleId :

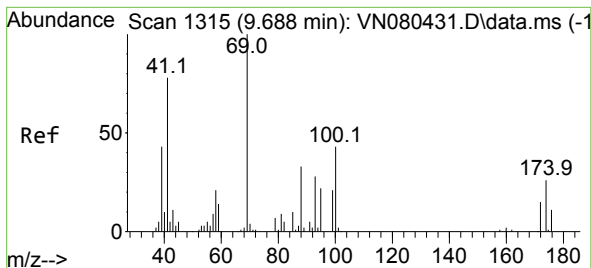
Tgt Ion: 83 Resp: 83897
Ion Ratio Lower Upper
83 100
85 61.3 49.6 74.4
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 17.966 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 41 Resp: 51285
Ion Ratio Lower Upper
41 100
69 104.7 90.4 135.6
39 62.4 54.6 81.8





#49

1,4-Dioxane

Concen: 360.450 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

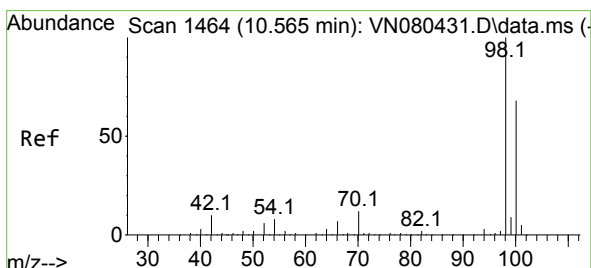
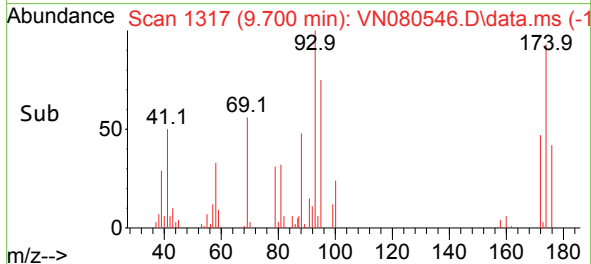
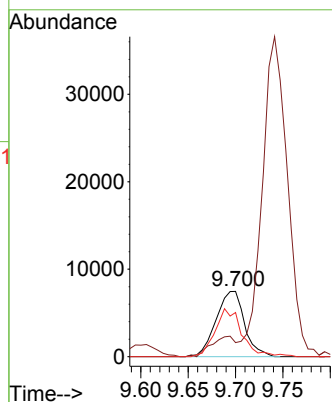
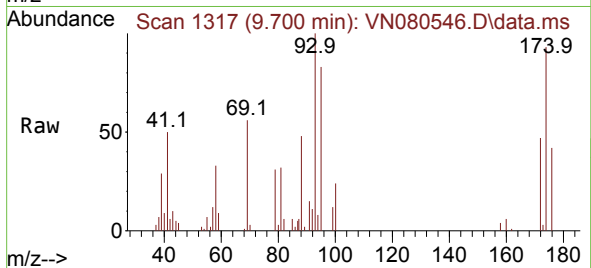
Tgt Ion: 88 Resp: 15596

Ion Ratio Lower Upper

88 100

43 26.4 17.0 25.6#

58 70.1 47.0 70.4



#50

Toluene-d8

Concen: 52.013 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080546.D

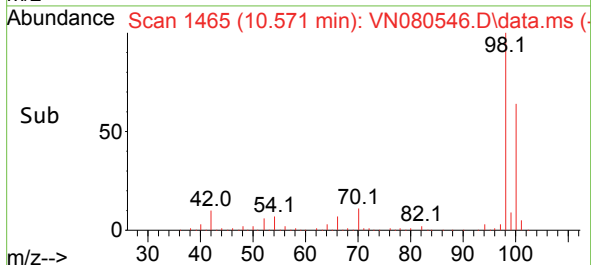
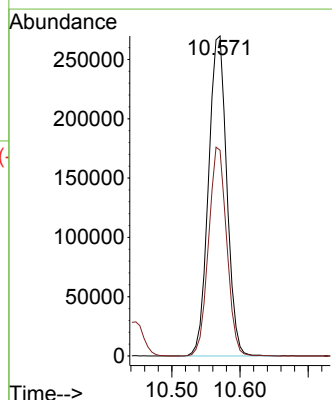
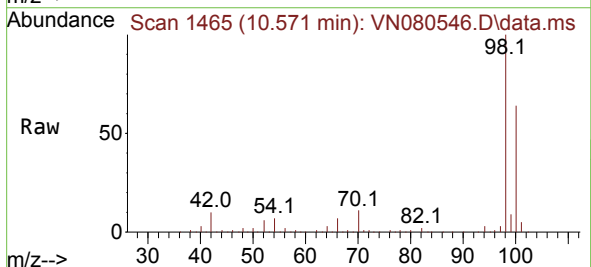
Acq: 20 Dec 2023 14:56

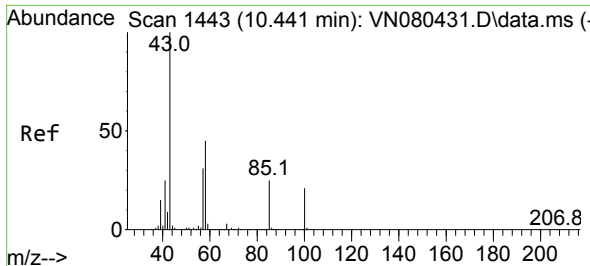
Tgt Ion: 98 Resp: 504039

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

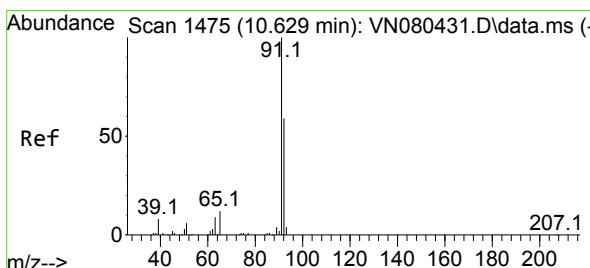
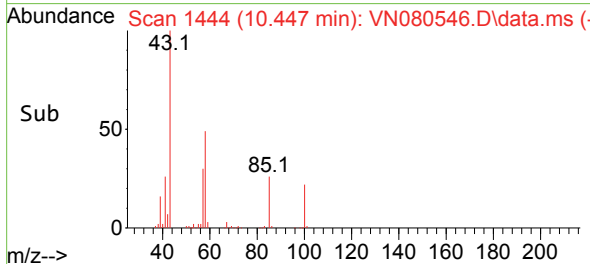
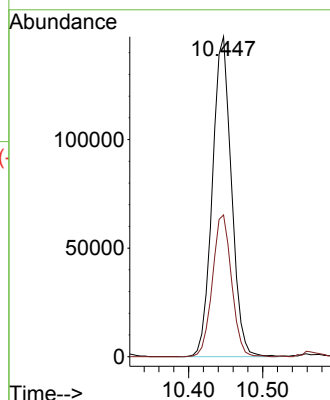
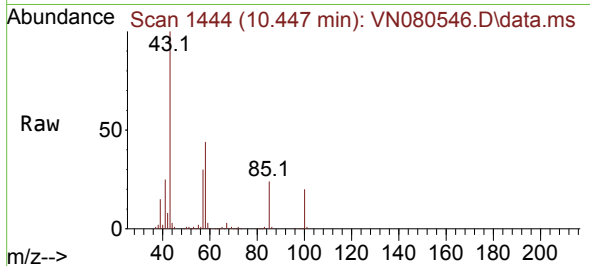




#51
4-Methyl-2-Pentanone
Concen: 100.031 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

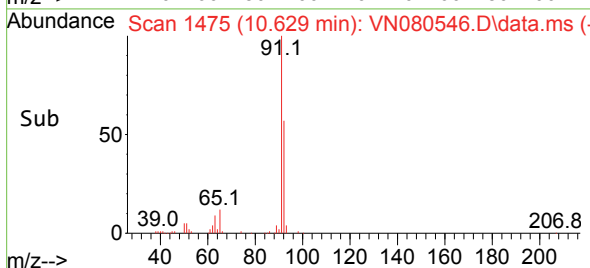
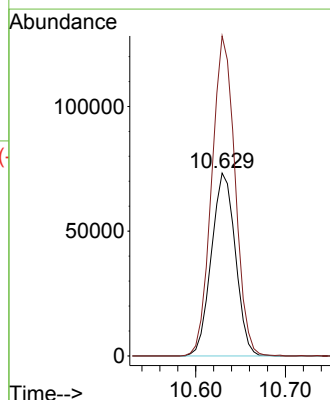
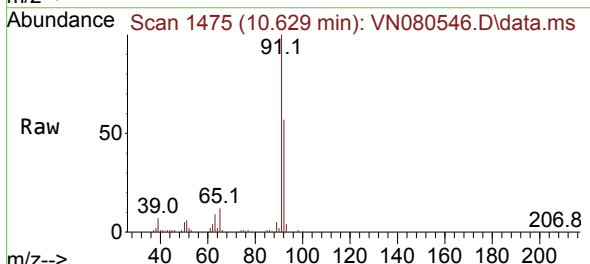
Instrument :
MSVOA_N
ClientSampleId :

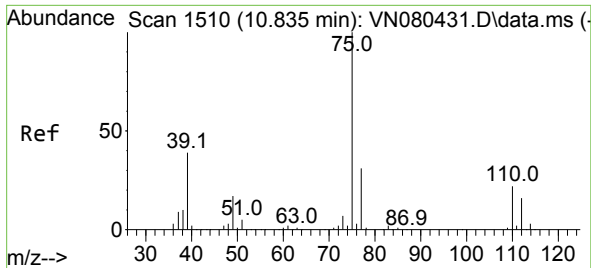
Tgt Ion: 43 Resp: 263532
Ion Ratio Lower Upper
43 100
58 44.4 36.6 54.8



#52
Toluene
Concen: 17.574 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 92 Resp: 136204
Ion Ratio Lower Upper
92 100
91 170.3 137.4 206.0

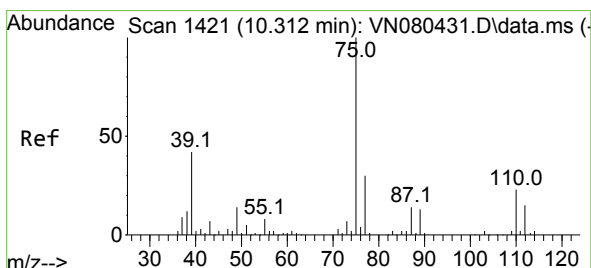
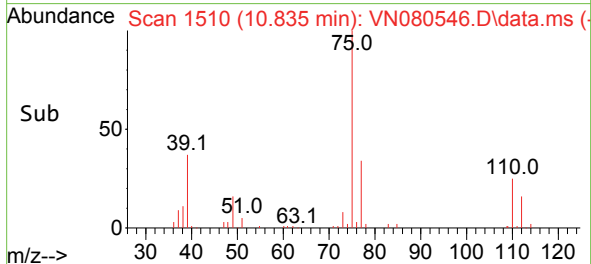
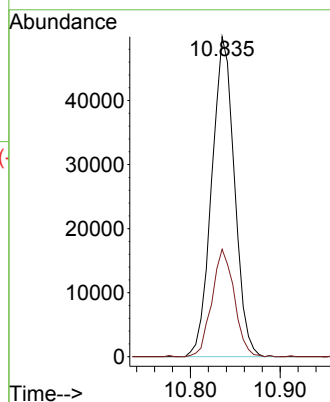
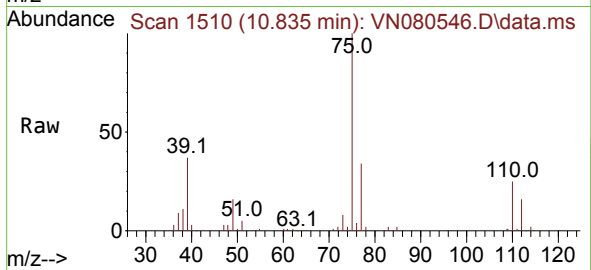




#53
 t-1,3-Dichloropropene
 Concen: 18.302 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

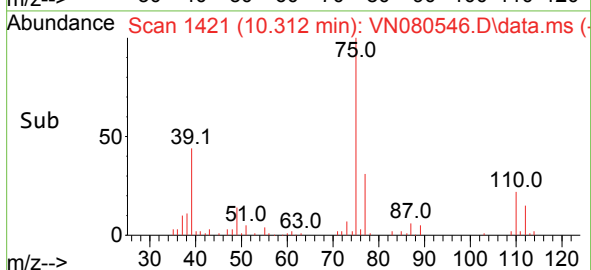
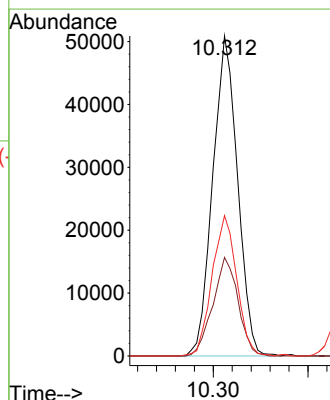
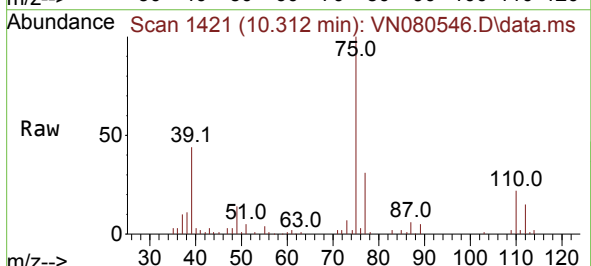
Instrument :
 MSVOA_N
 ClientSampleId :

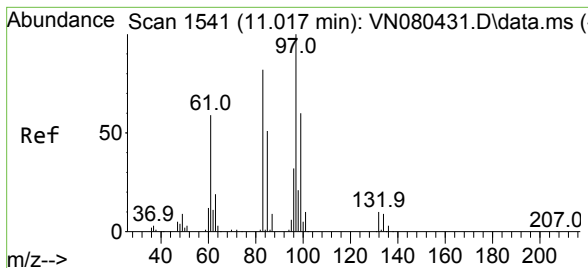
Tgt Ion: 75 Resp: 87818
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.040 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

Tgt Ion: 75 Resp: 92520
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.1 39.1
 39 43.9 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.350 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

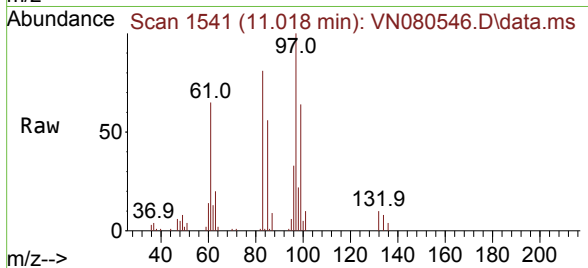
Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 56749

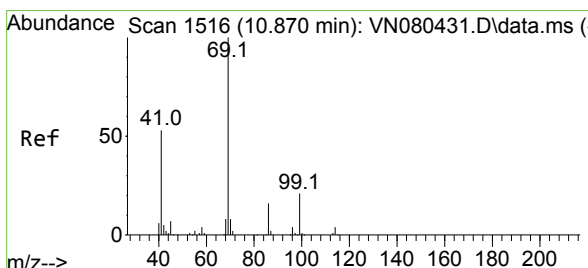
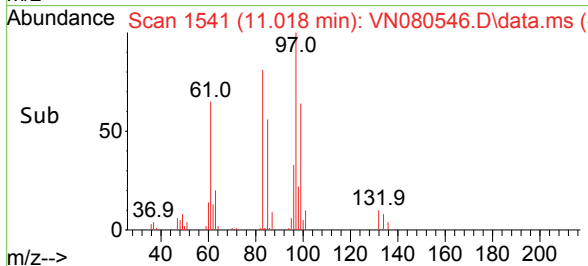
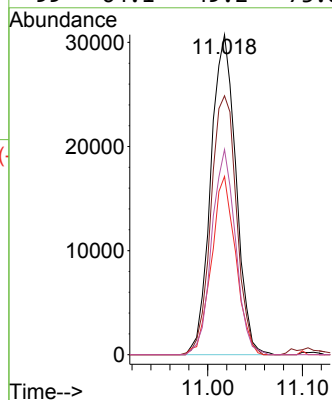
Ion Ratio Lower Upper

97 100

83 80.9 65.1 97.7

85 55.7 43.4 65.2

99 64.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 18.444 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

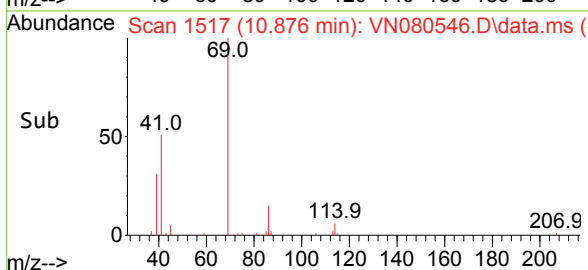
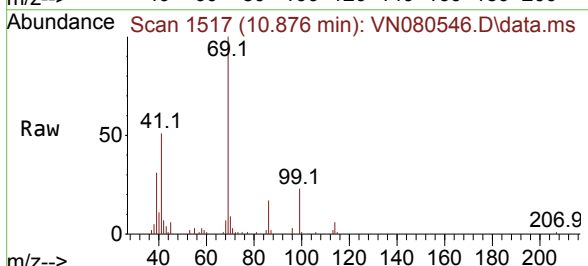
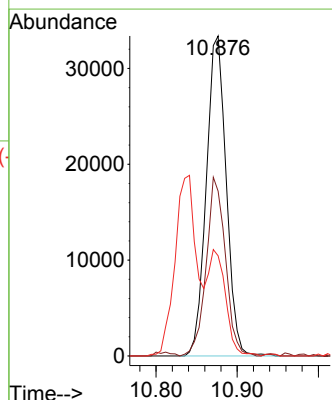
Tgt Ion: 69 Resp: 56946

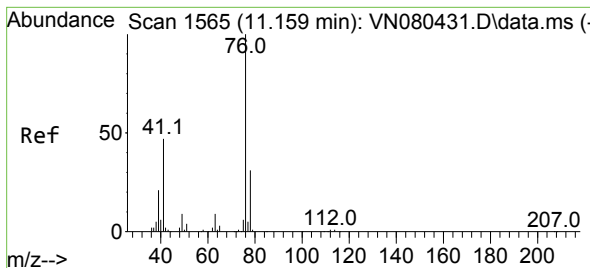
Ion Ratio Lower Upper

69 100

41 53.8 39.6 59.4

39 29.0 28.6 43.0

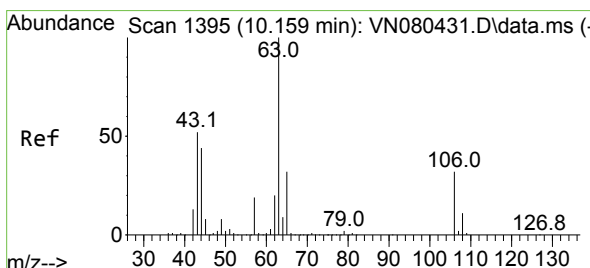
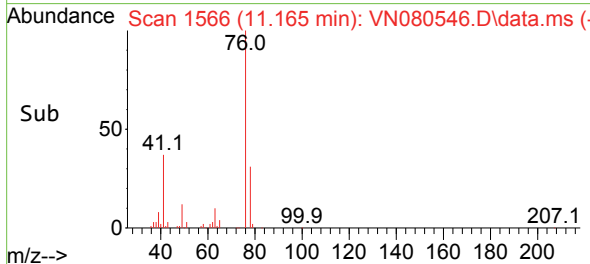
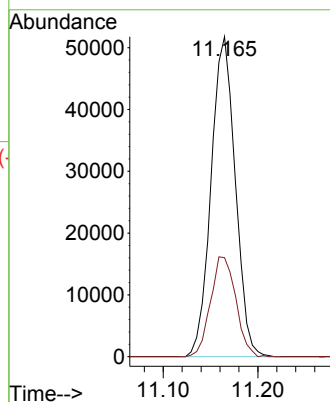
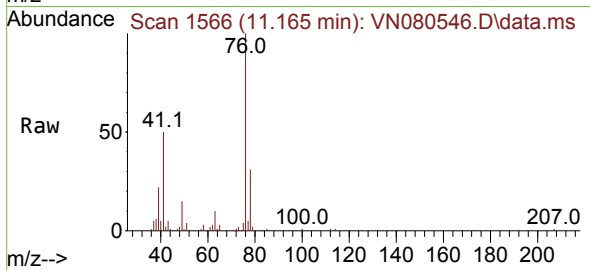




#57
1,3-Dichloropropane
Concen: 18.807 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

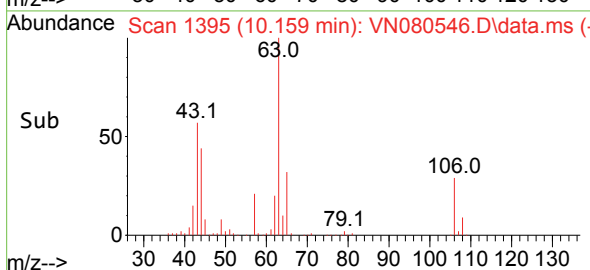
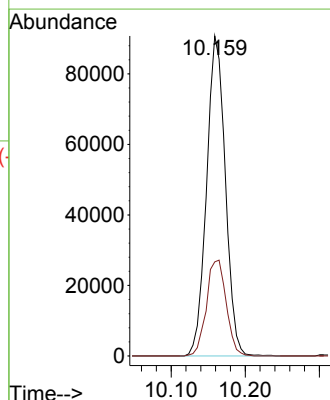
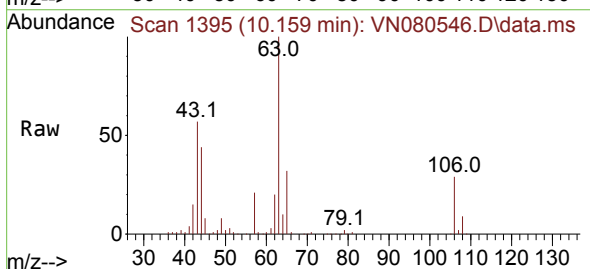
Instrument :
MSVOA_N
ClientSampleId :

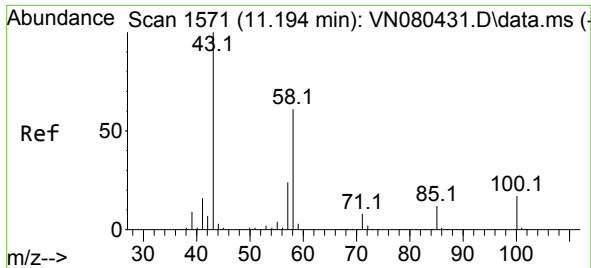
Tgt Ion: 76 Resp: 91940
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 81.855 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 63 Resp: 159547
Ion Ratio Lower Upper
63 100
106 31.6 26.2 39.4

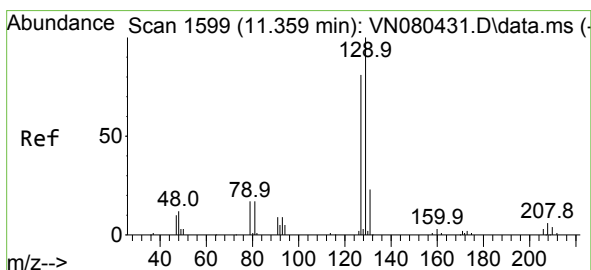
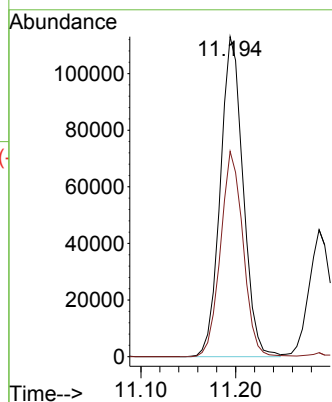
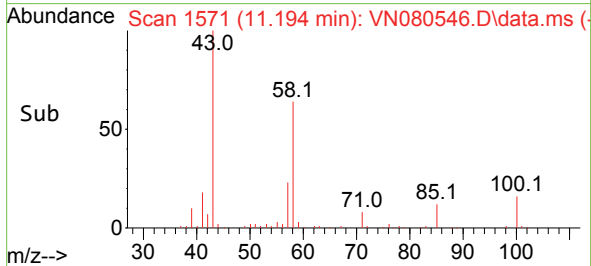
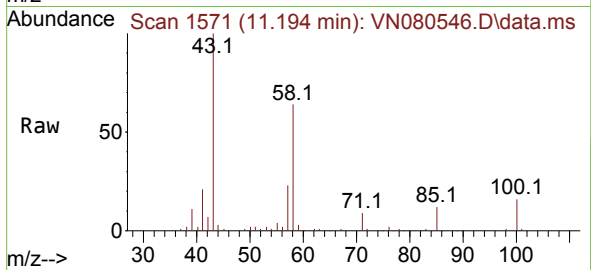




#59
2-Hexanone
Concen: 97.263 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

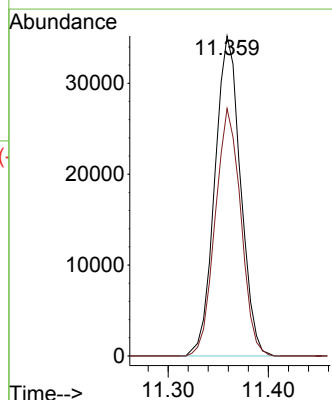
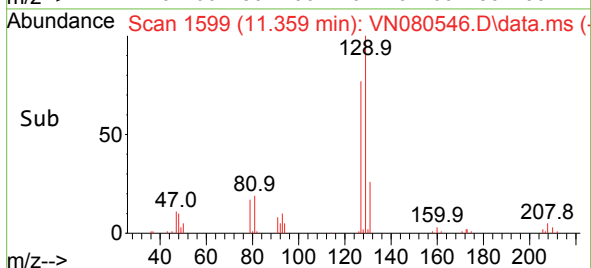
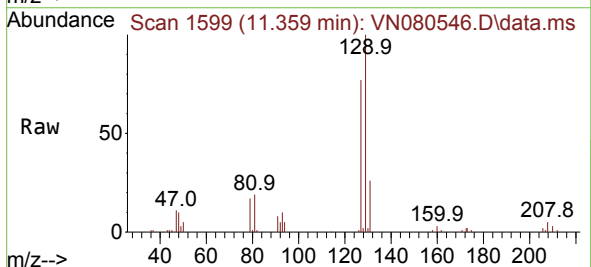
Instrument :
MSVOA_N
ClientSampleId :

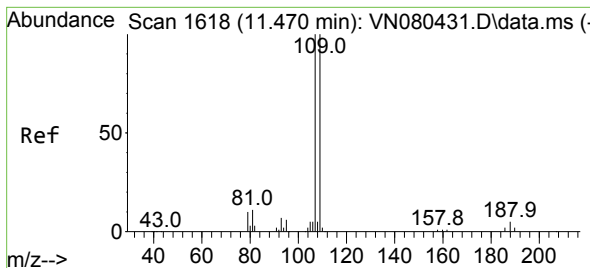
Tgt Ion: 43 Resp: 189169
Ion Ratio Lower Upper
43 100
58 63.5 31.7 95.1



#60
Dibromochloromethane
Concen: 18.994 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 129 Resp: 62767
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

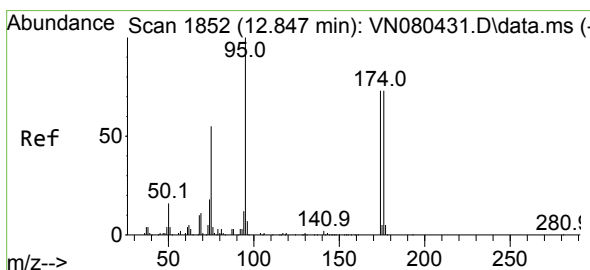
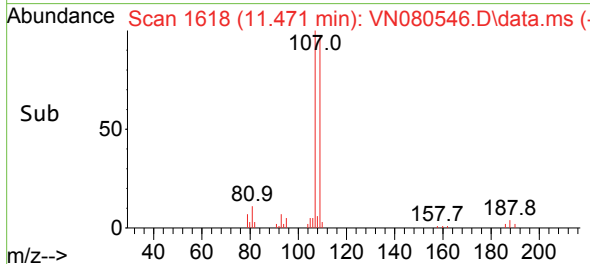
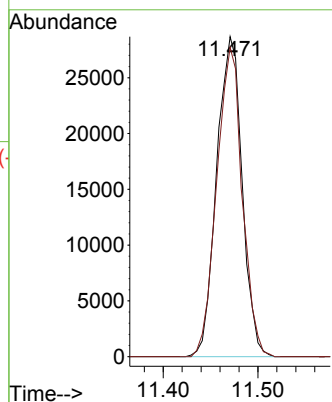
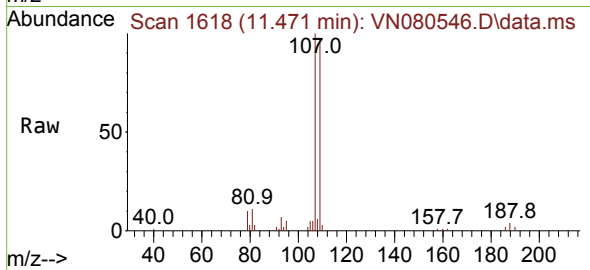




#61
1,2-Dibromoethane
Concen: 18.536 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

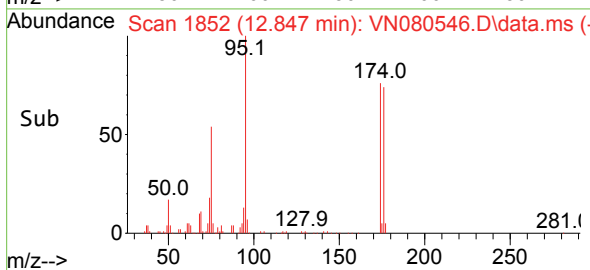
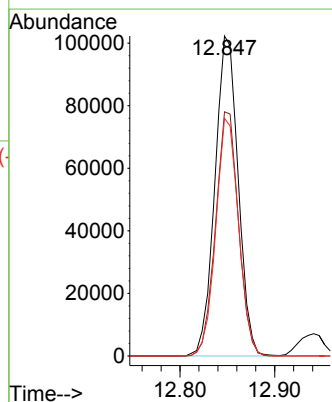
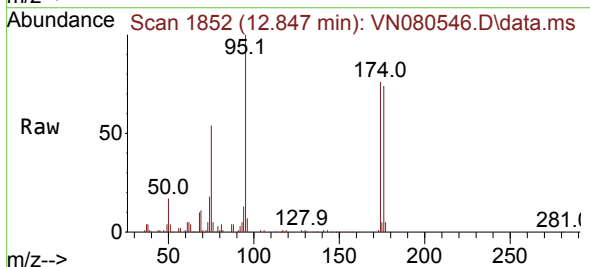
Instrument :
MSVOA_N
ClientSampleId :

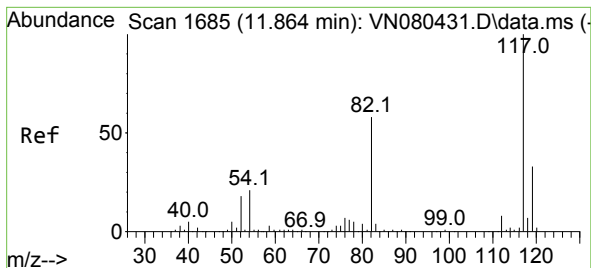
Tgt Ion:107 Resp: 53501
Ion Ratio Lower Upper
107 100
109 97.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 47.421 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 95 Resp: 174499
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 72.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

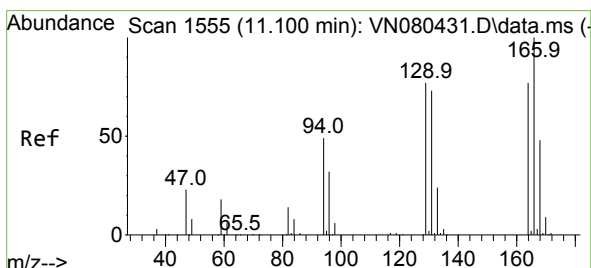
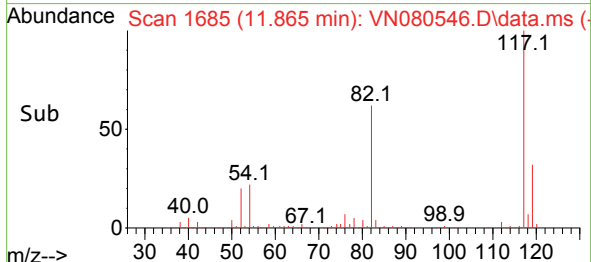
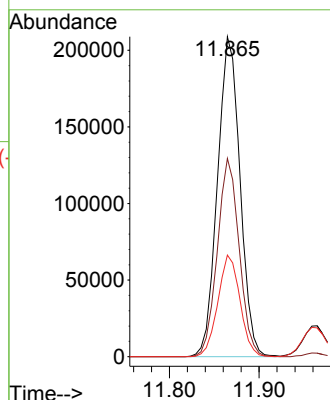
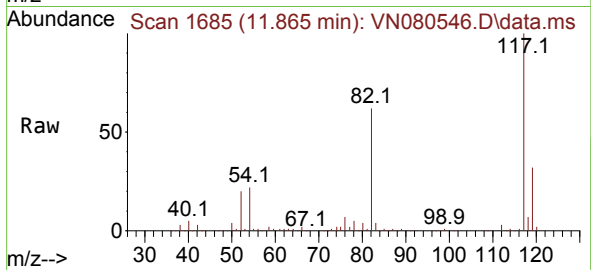
Tgt Ion:117 Resp: 364703

Ion Ratio Lower Upper

117 100

82 62.0 44.0 66.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 16.395 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Tgt Ion:164 Resp: 46167

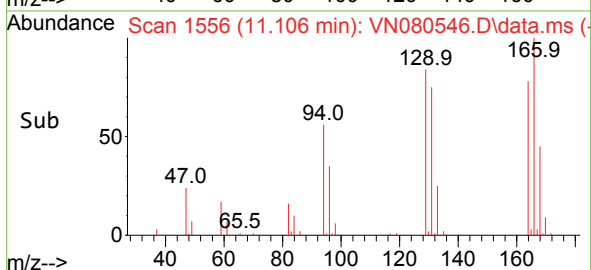
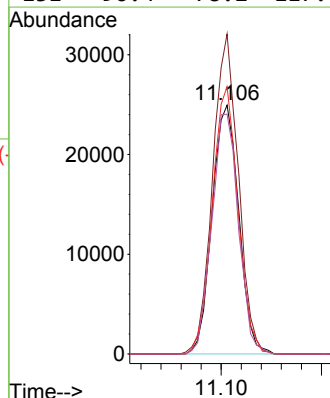
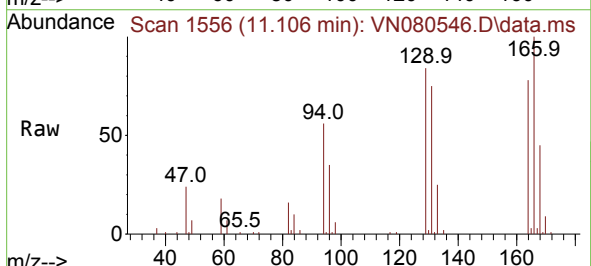
Ion Ratio Lower Upper

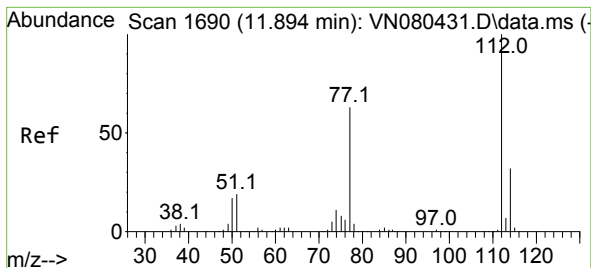
164 100

166 128.6 101.4 152.0

129 107.4 82.4 123.6

131 96.4 78.2 117.4





#65

Chlorobenzene

Concen: 17.536 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

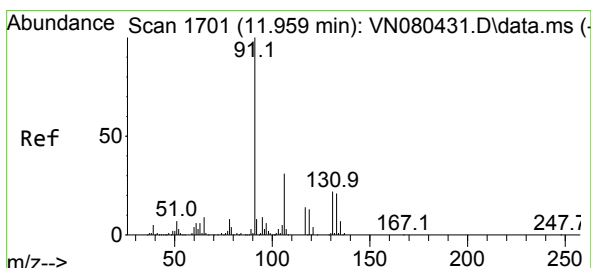
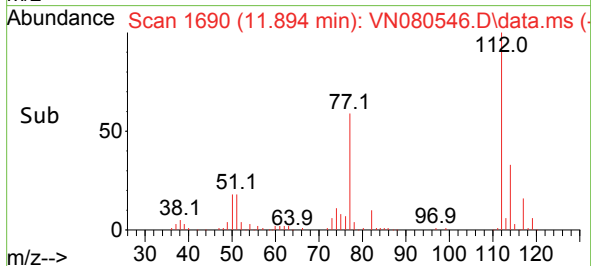
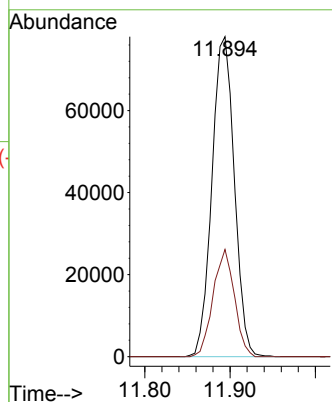
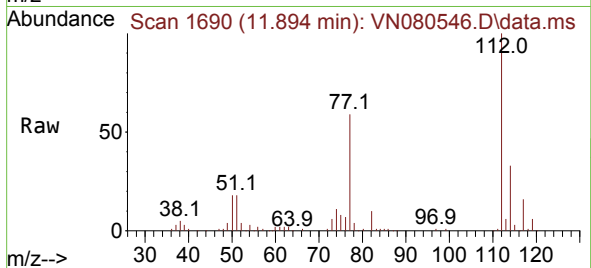
ClientSampleId :

Tgt Ion:112 Resp: 142272

Ion Ratio Lower Upper

112 100

114 33.5 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 17.967 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

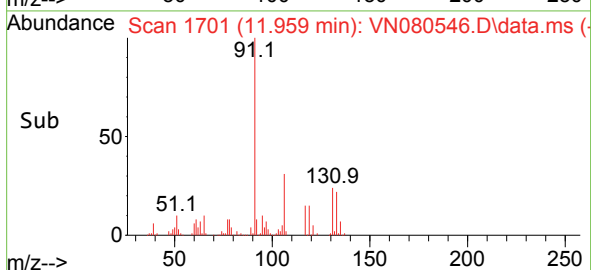
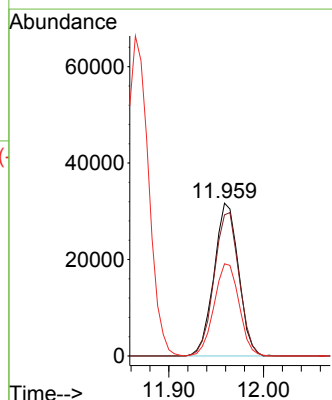
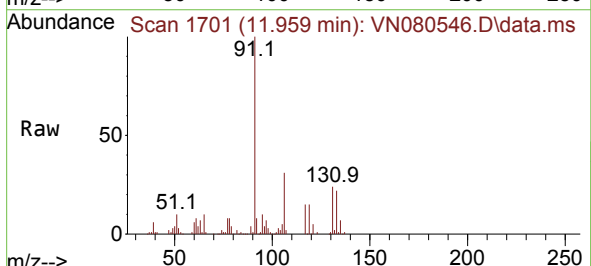
Tgt Ion:131 Resp: 57195

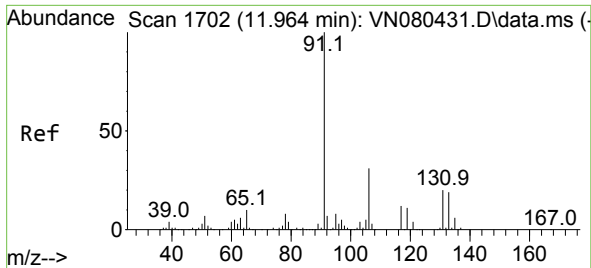
Ion Ratio Lower Upper

131 100

133 95.2 46.4 139.1

119 61.4 34.1 102.2

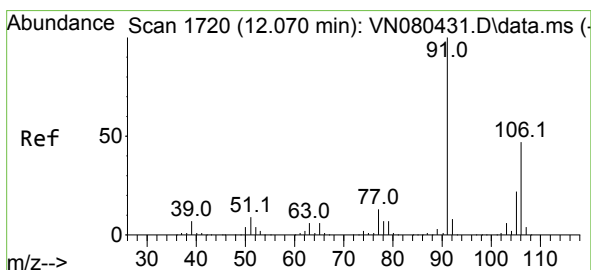
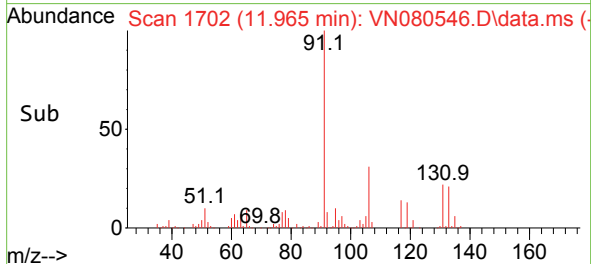
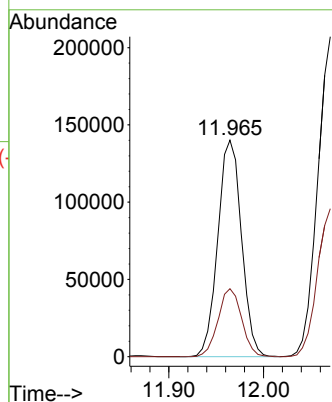
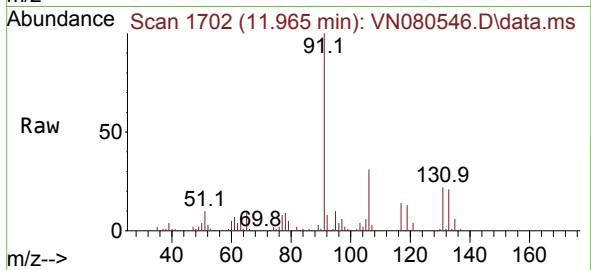




#67
Ethyl Benzene
Concen: 16.327 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

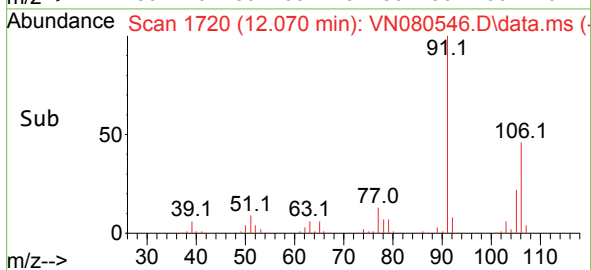
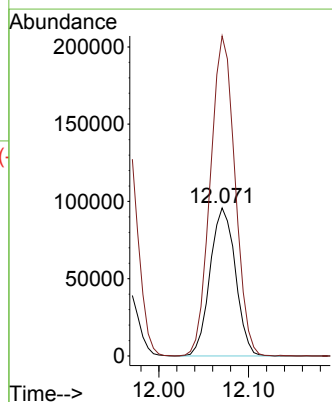
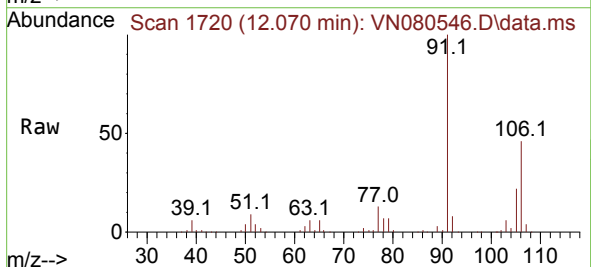
Instrument :
MSVOA_N
ClientSampleId :

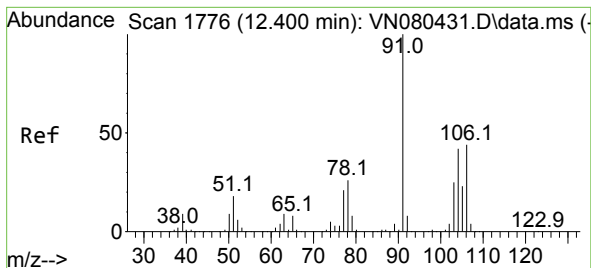
Tgt Ion: 91 Resp: 243563
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 34.090 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion:106 Resp: 187919
Ion Ratio Lower Upper
106 100
91 210.5 159.6 239.4





#69

o-Xylene

Concen: 15.648 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

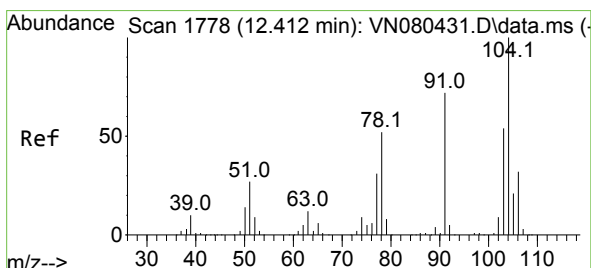
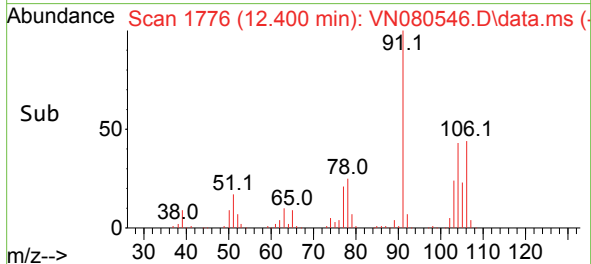
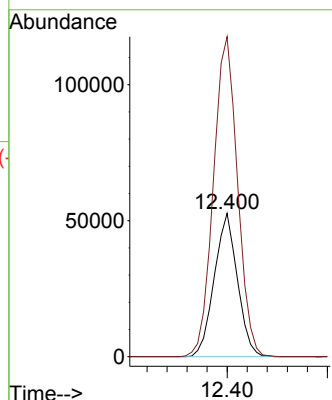
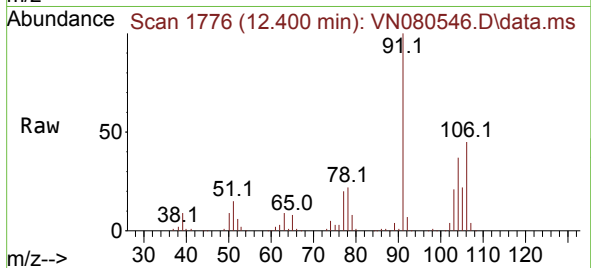
ClientSampleId :

Tgt Ion:106 Resp: 84372

Ion Ratio Lower Upper

106 100

91 232.5 105.2 315.5



#70

Styrene

Concen: 16.740 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

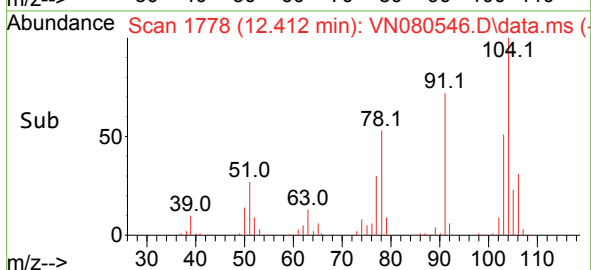
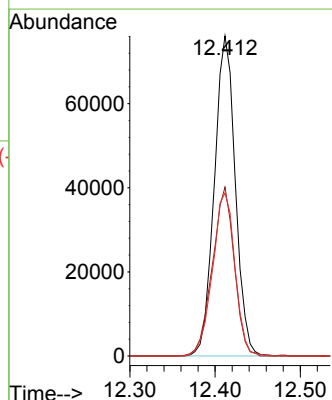
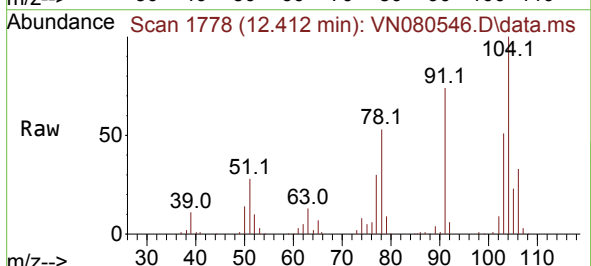
Tgt Ion:104 Resp: 130010

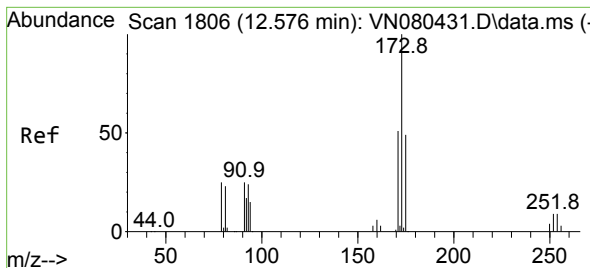
Ion Ratio Lower Upper

104 100

78 55.1 39.5 59.3

103 54.5 43.2 64.8





#71

Bromoform

Concen: 17.428 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN080546.D

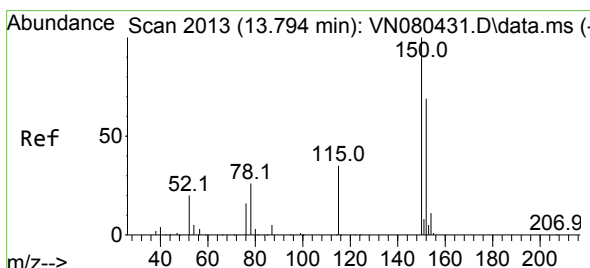
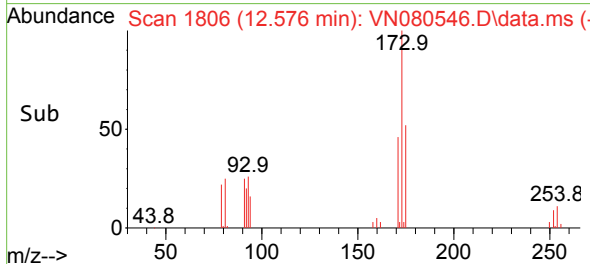
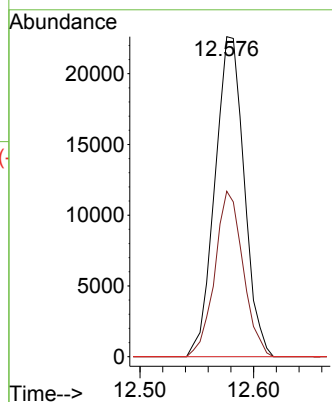
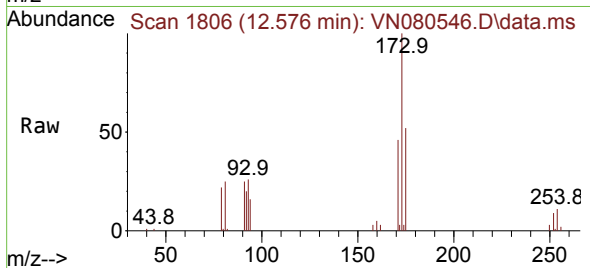
Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	40459
Ion Ratio	Lower	Upper	
173	100		
175	50.1	24.3	73.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

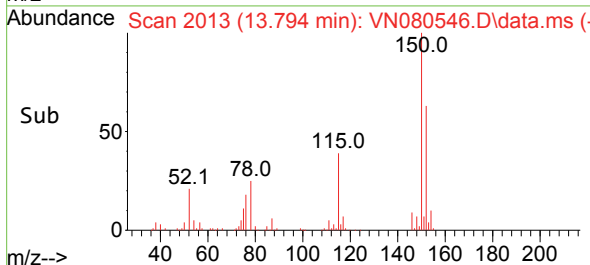
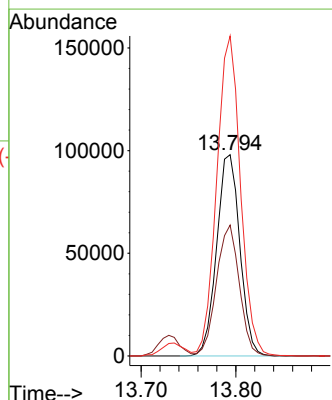
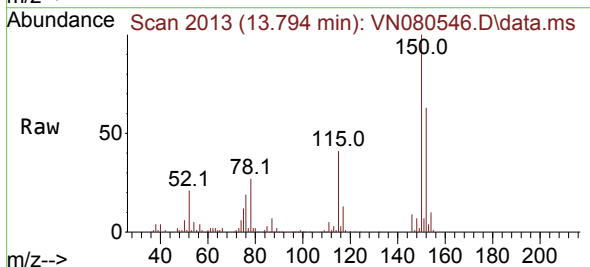
RT: 13.794 min Scan# 2013

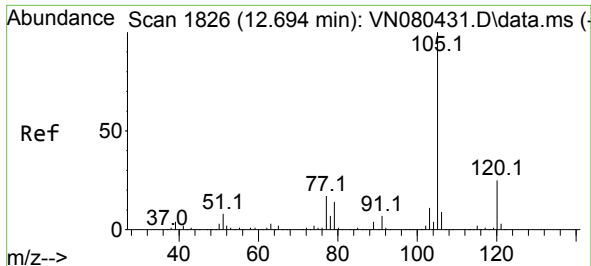
Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

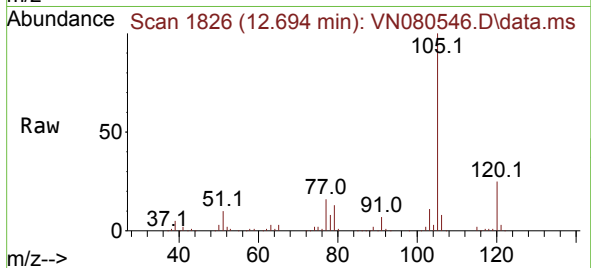
Tgt Ion:	152	Resp:	166626
Ion Ratio	Lower	Upper	
152	100		
115	64.2	32.3	96.8
150	163.0	0.0	355.8



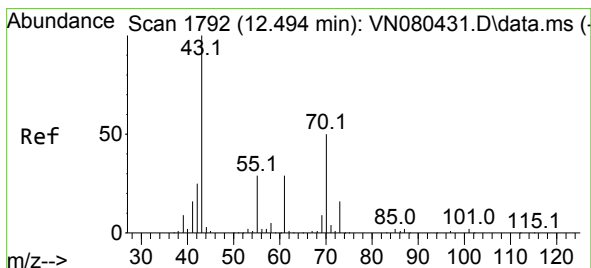
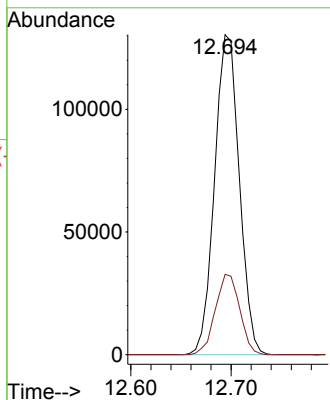
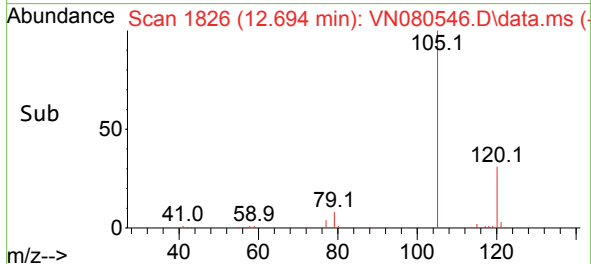


#73
Isopropylbenzene
Concen: 16.663 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

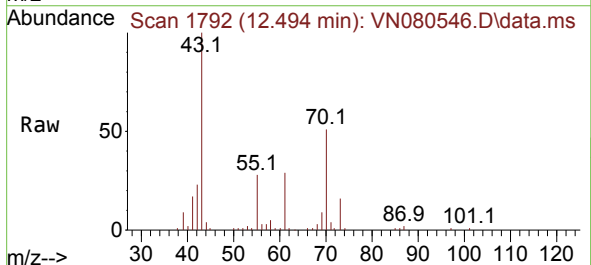
Instrument :
MSVOA_N
ClientSampleId :



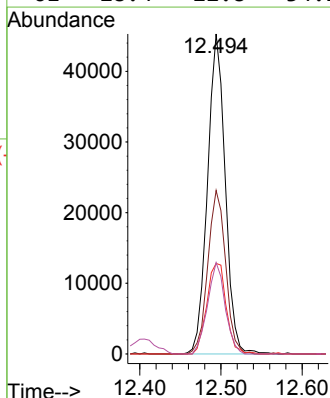
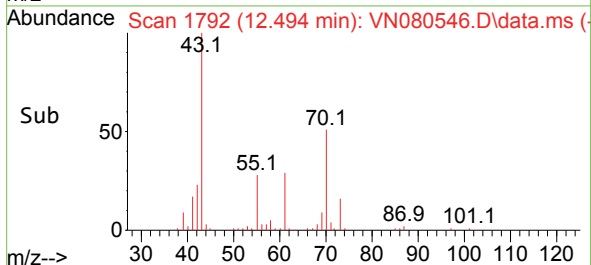
Tgt Ion:105 Resp: 223044
Ion Ratio Lower Upper
105 100
120 24.8 13.1 39.1

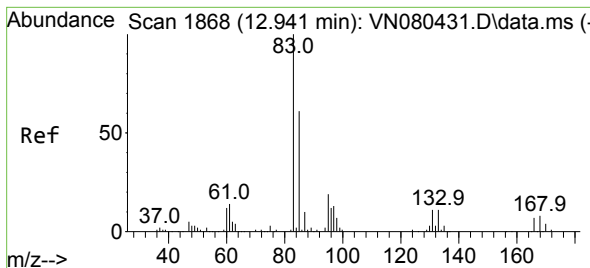


#74
N-ethyl acetate
Concen: 17.538 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56



Tgt Ion: 43 Resp: 68551
Ion Ratio Lower Upper
43 100
70 51.4 43.4 65.2
55 31.0 21.4 32.0
61 28.4 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.193 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

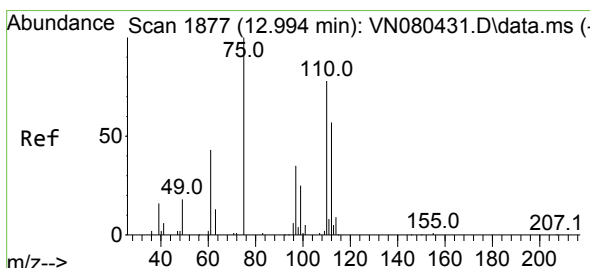
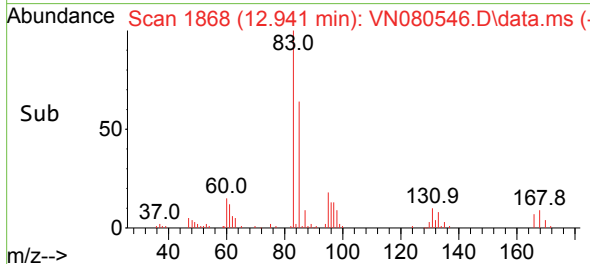
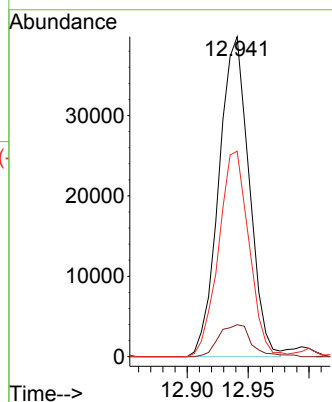
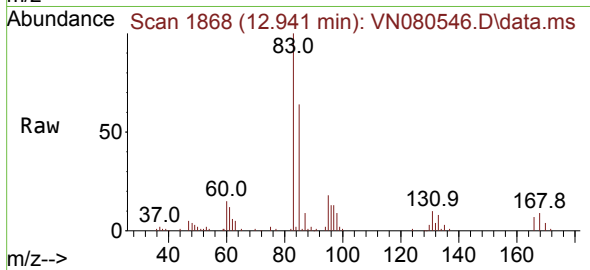
Tgt Ion: 83 Resp: 68843

Ion Ratio Lower Upper

83 100

131 10.8 5.0 15.0

85 64.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 27.425 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080546.D

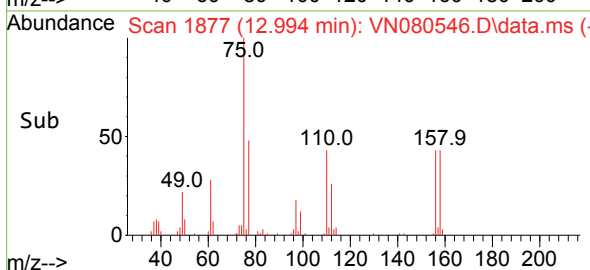
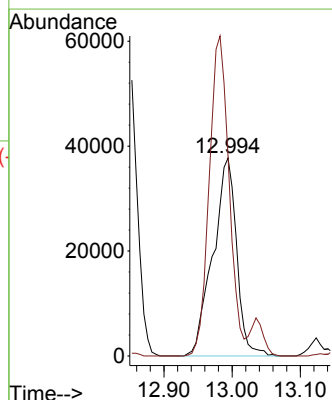
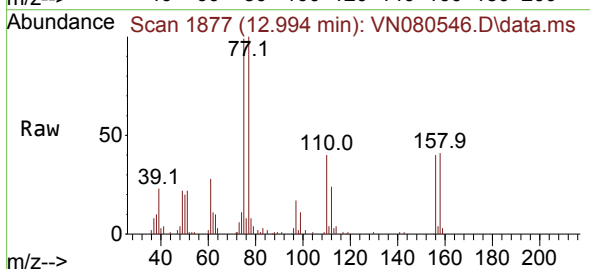
Acq: 20 Dec 2023 14:56

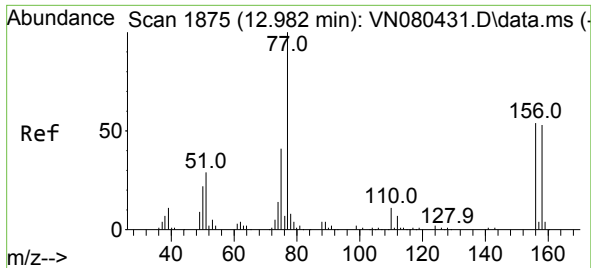
Tgt Ion: 75 Resp: 91163

Ion Ratio Lower Upper

75 100

77 135.0 84.5 253.5

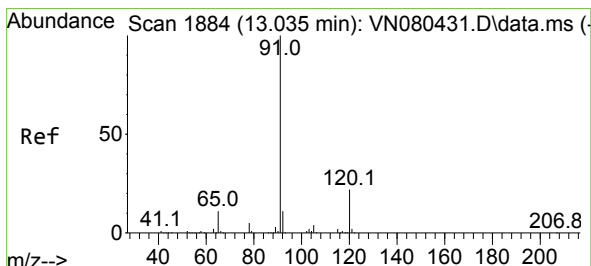
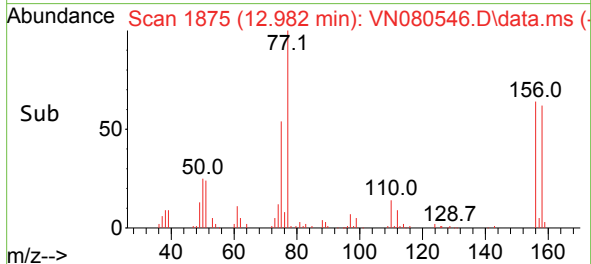
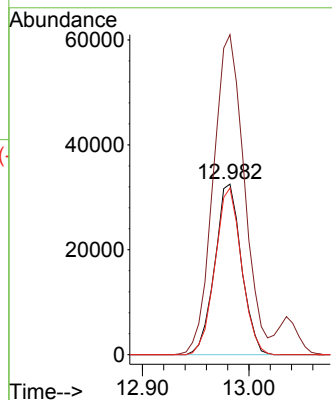
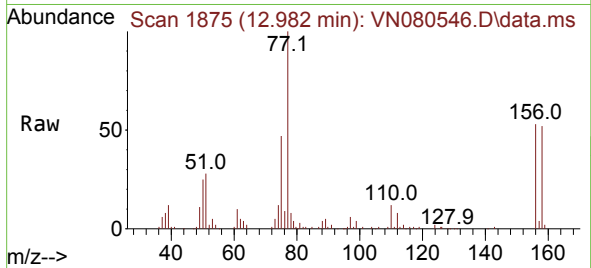




#77
Bromobenzene
Concen: 17.166 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

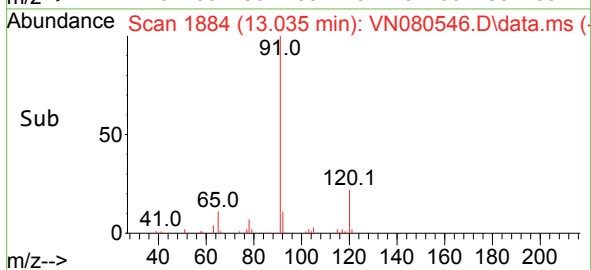
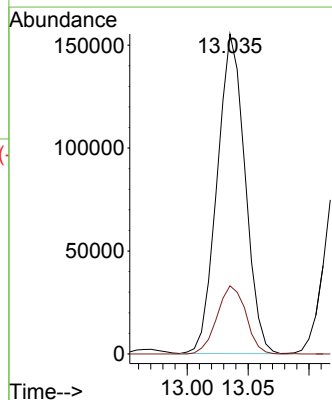
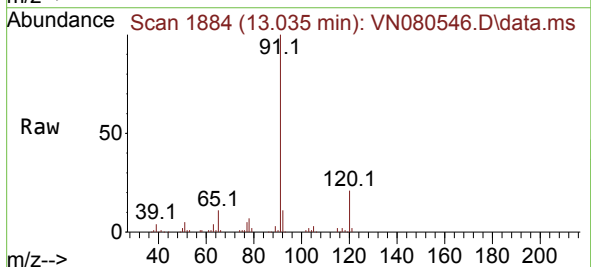
Instrument :
MSVOA_N
ClientSampleId :

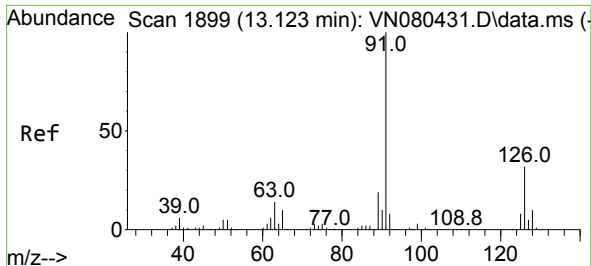
Tgt Ion:156 Resp: 56524
Ion Ratio Lower Upper
156 100
77 217.7 107.7 323.3
158 97.1 48.4 145.3



#78
n-propylbenzene
Concen: 16.760 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 91 Resp: 247349
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4

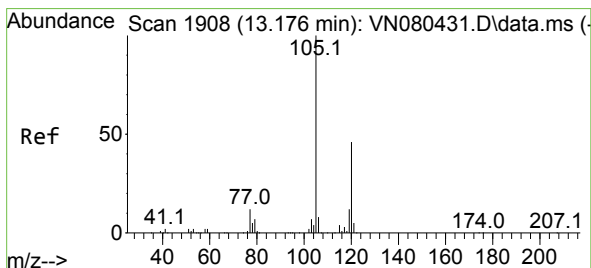
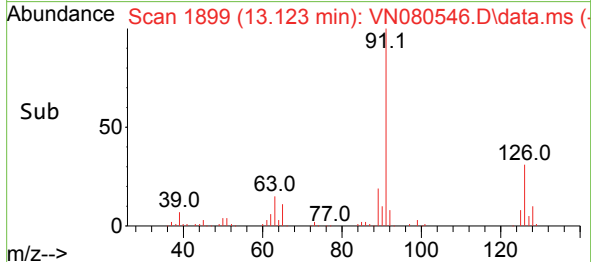
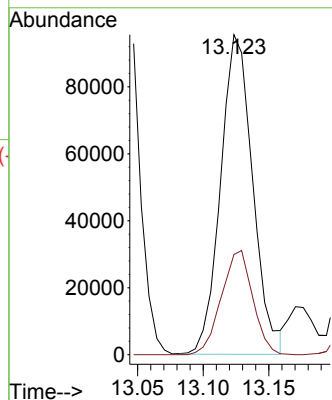
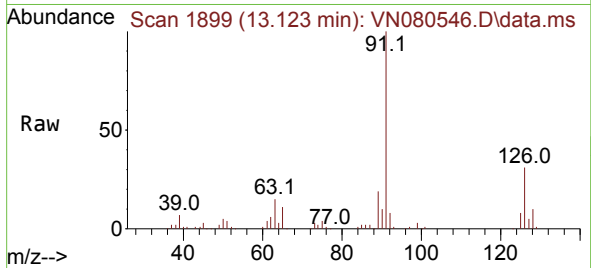




#79
2-Chlorotoluene
Concen: 16.891 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

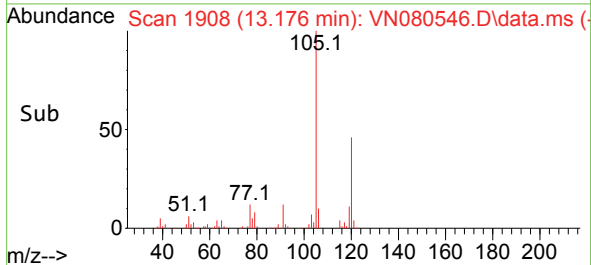
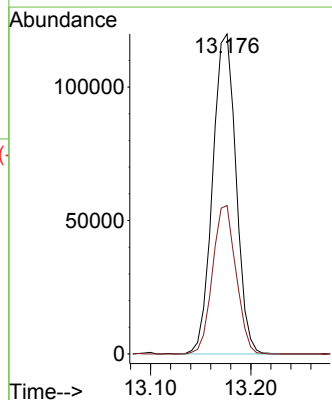
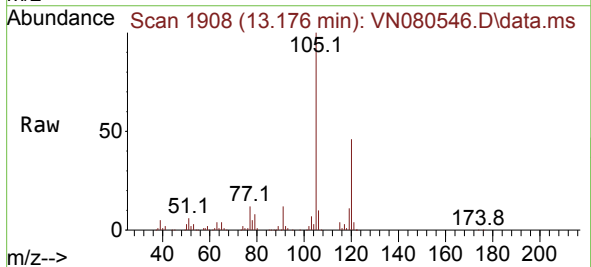
Instrument :
MSVOA_N
ClientSampleId :

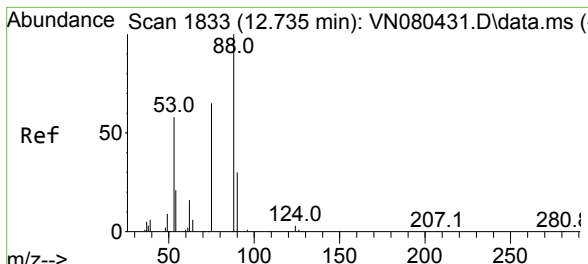
Tgt Ion: 91 Resp: 162745
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 16.843 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080546.D
Acq: 20 Dec 2023 14:56

Tgt Ion: 105 Resp: 194174
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3

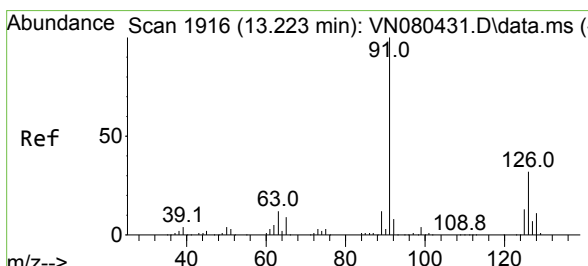
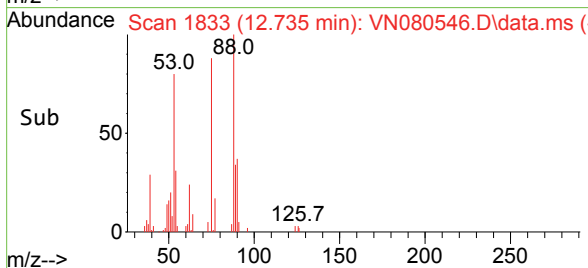
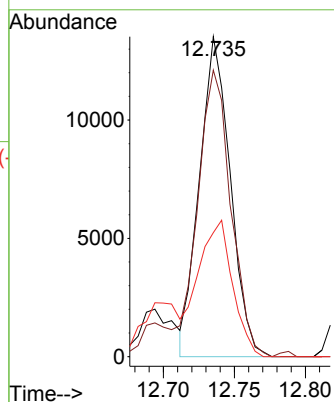
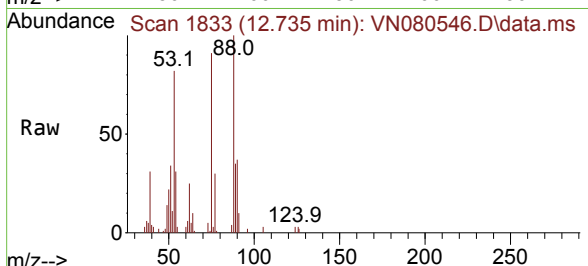




#81
 trans-1,4-Dichloro-2-butene
 Concen: 16.140 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

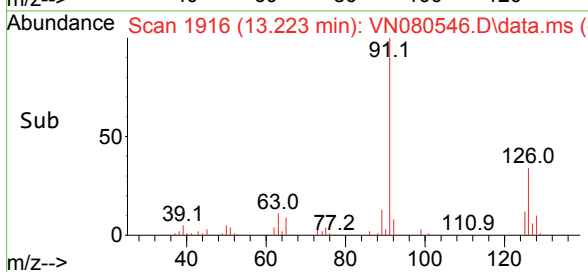
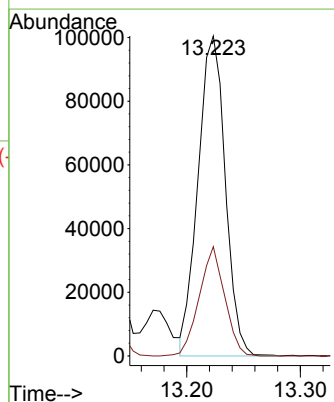
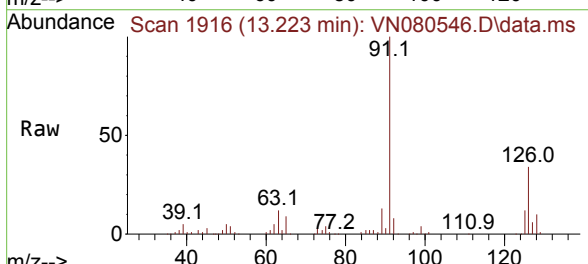
Instrument :
 MSVOA_N
 ClientSampleId :

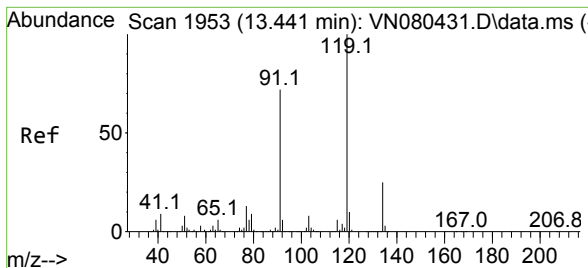
Tgt Ion:	75	Resp:	20434
Ion	Ratio	Lower	Upper
75	100		
53	96.8	67.4	101.2
89	47.9	38.8	58.2



#82
 4-Chlorotoluene
 Concen: 16.918 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

Tgt Ion:	91	Resp:	167549
Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.7	50.0





#83

tert-Butylbenzene

Concen: 16.788 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

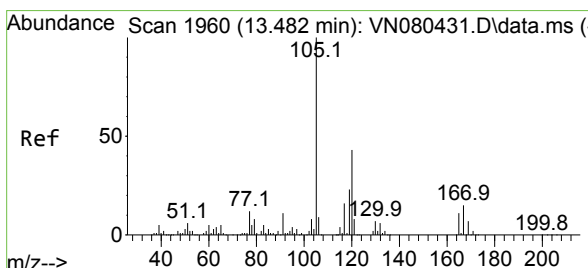
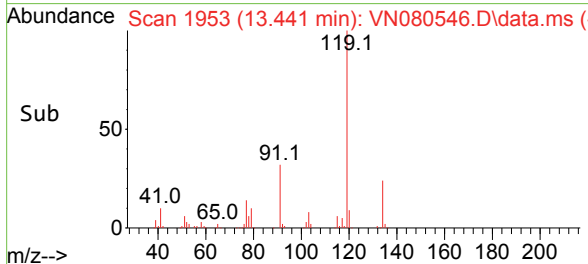
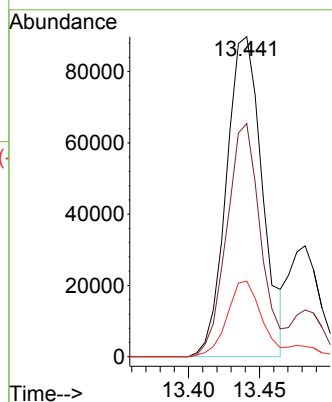
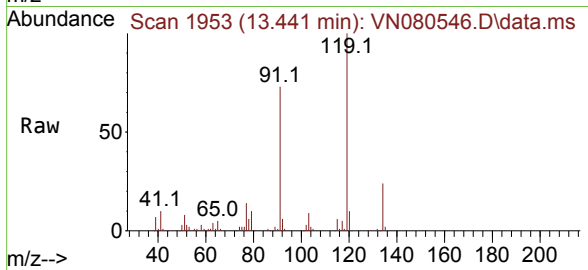
Tgt Ion:119 Resp: 158500

Ion Ratio Lower Upper

119 100

91 68.2 33.9 101.7

134 23.0 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 17.055 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080546.D

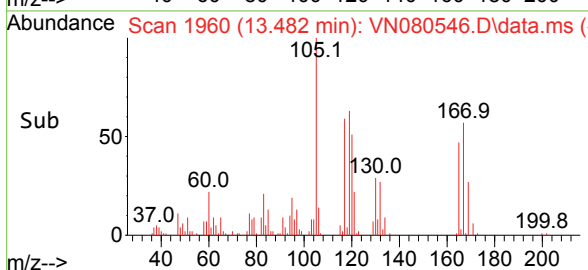
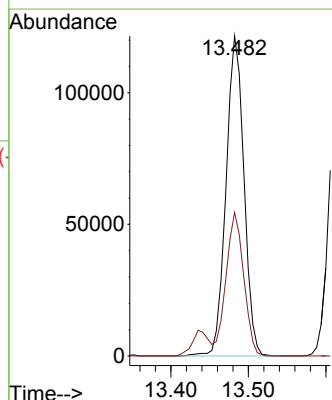
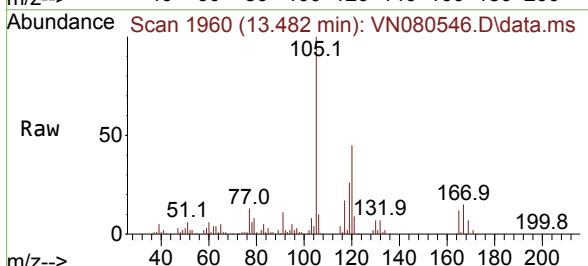
Acq: 20 Dec 2023 14:56

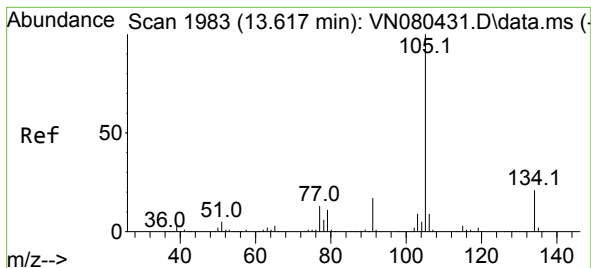
Tgt Ion:105 Resp: 195595

Ion Ratio Lower Upper

105 100

120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 16.444 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

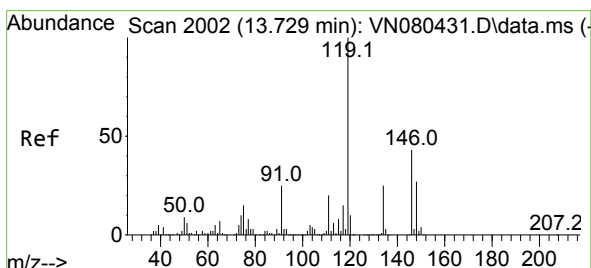
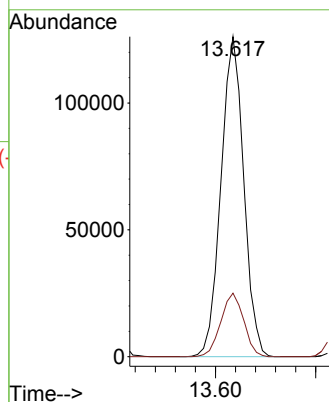
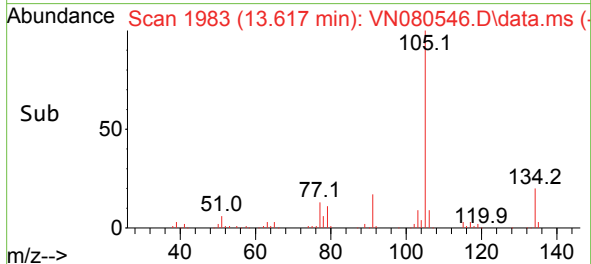
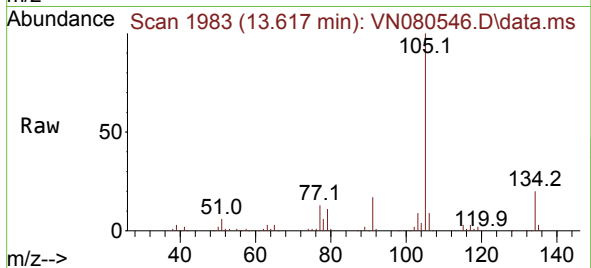
ClientSampleId :

Tgt Ion:105 Resp: 198596

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 16.847 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

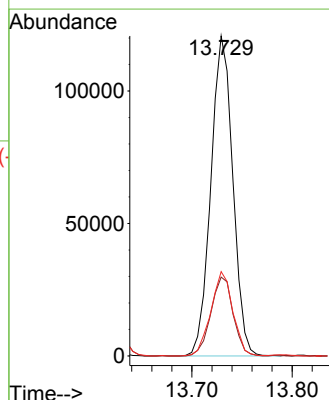
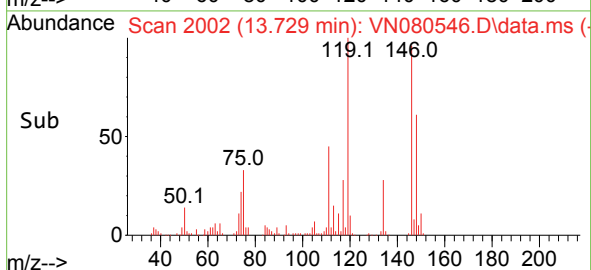
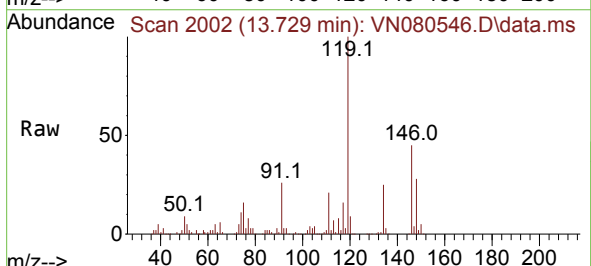
Tgt Ion:119 Resp: 183720

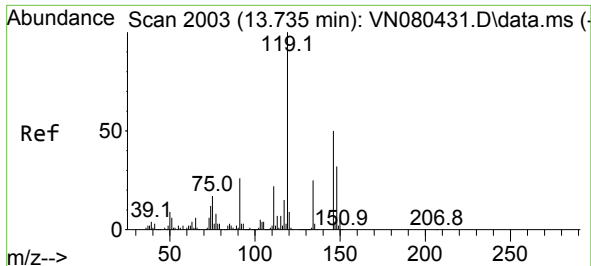
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 26.4 12.4 37.2

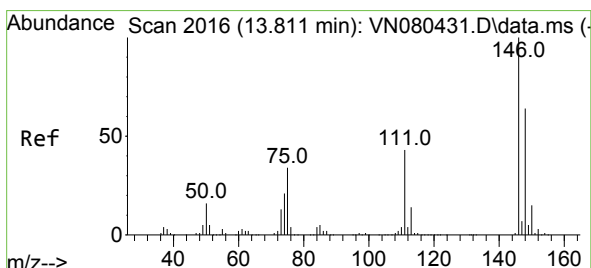
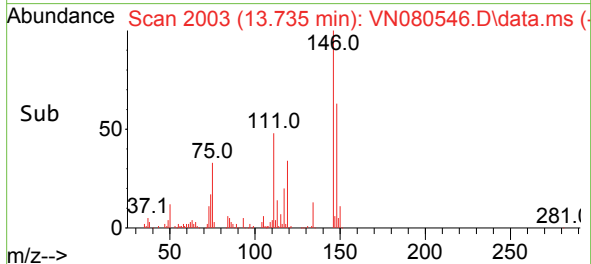
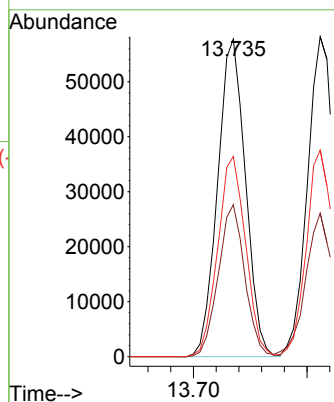
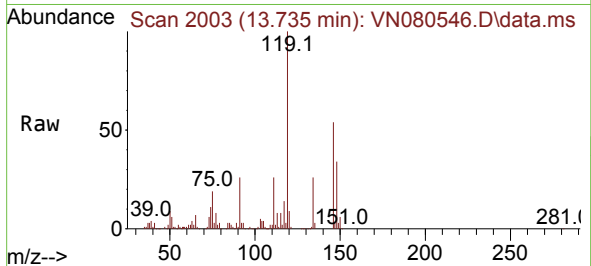




#87
 1,3-Dichlorobenzene
 Concen: 16.951 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

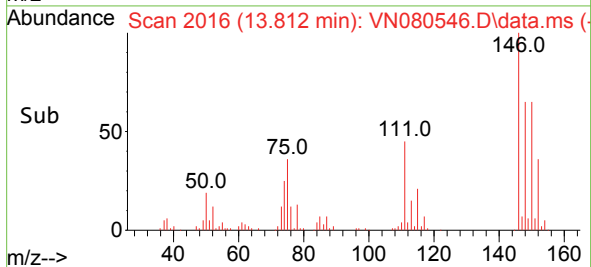
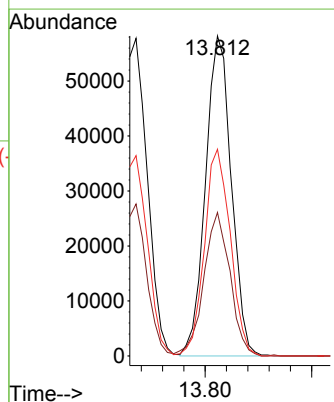
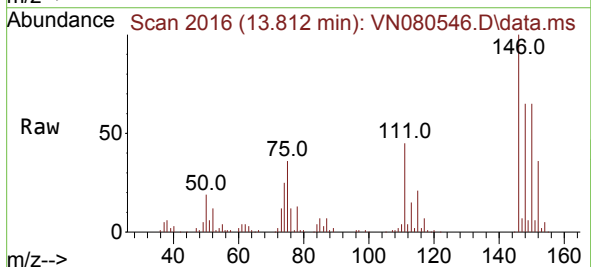
Instrument :
 MSVOA_N
 ClientSampleId :

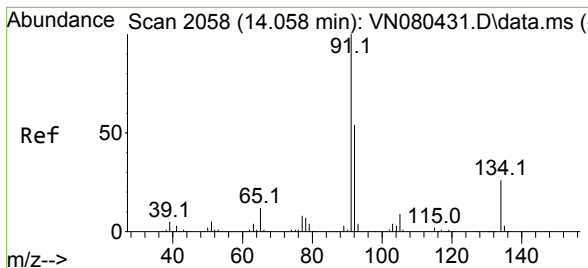
Tgt Ion:146 Resp: 98343
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.1 66.3
 148 63.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 16.732 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

Tgt Ion:146 Resp: 97986
 Ion Ratio Lower Upper
 146 100
 111 45.4 20.6 61.8
 148 64.9 31.6 94.8





#89

n-Butylbenzene

Concen: 16.242 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

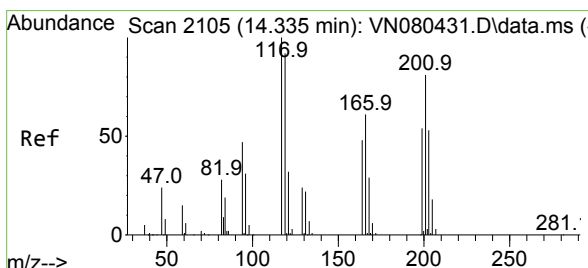
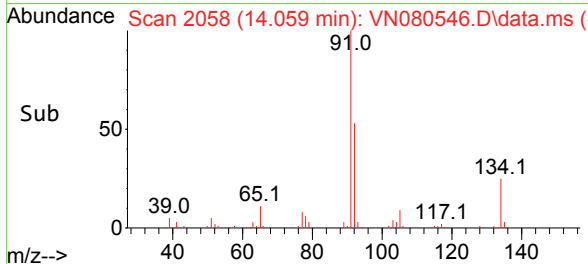
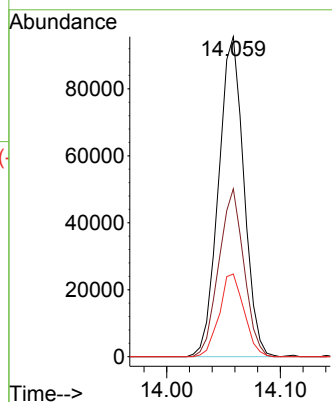
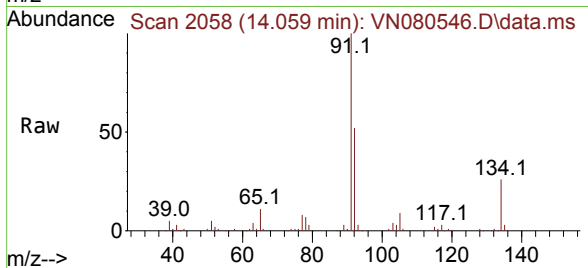
Tgt Ion: 91 Resp: 147912

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.0

134 25.4 12.6 37.6



#90

Hexachloroethane

Concen: 16.501 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080546.D

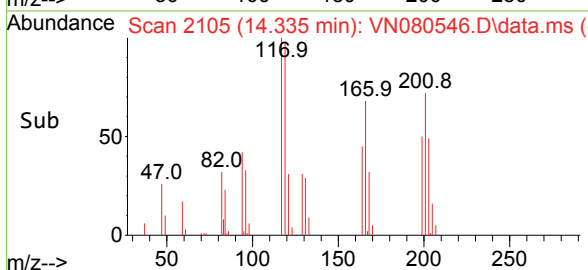
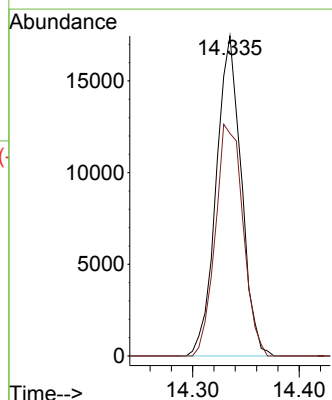
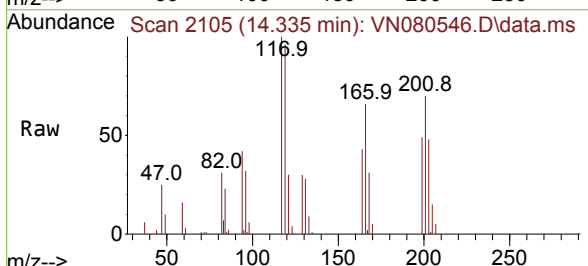
Acq: 20 Dec 2023 14:56

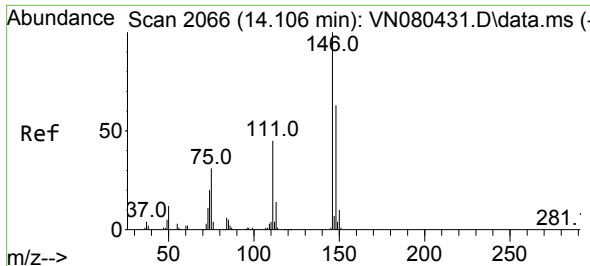
Tgt Ion: 117 Resp: 28578

Ion Ratio Lower Upper

117 100

201 79.7 29.3 88.0

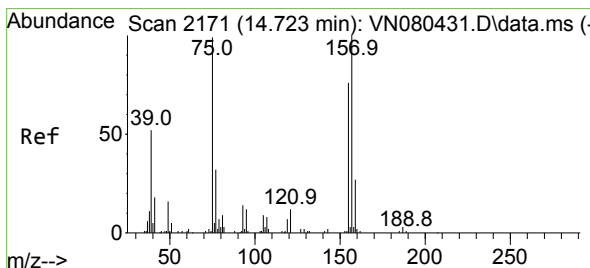
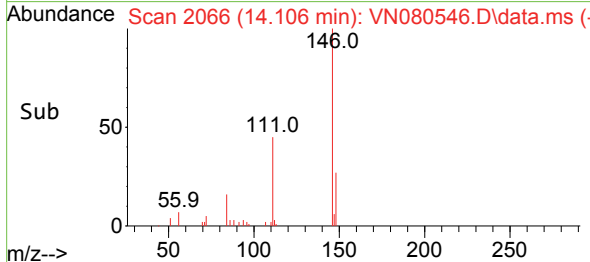
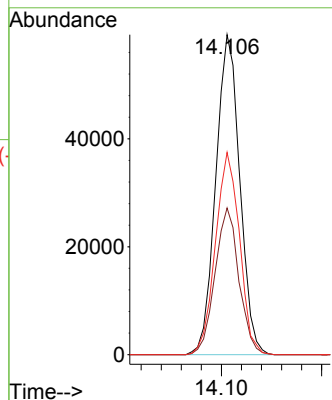
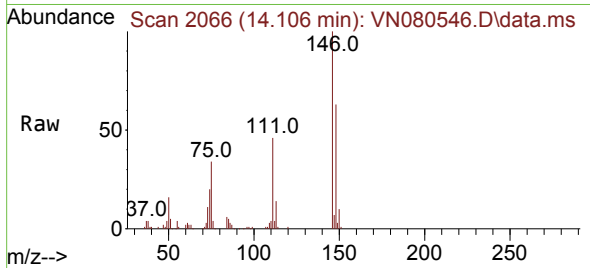




#91
 1,2-Dichlorobenzene
 Concen: 17.876 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

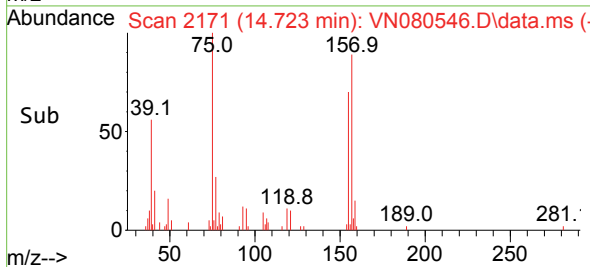
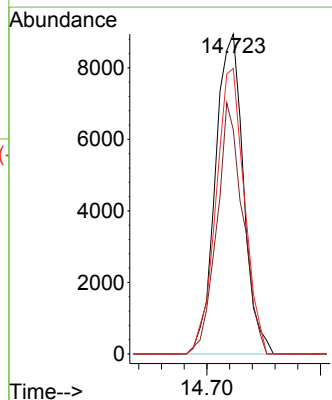
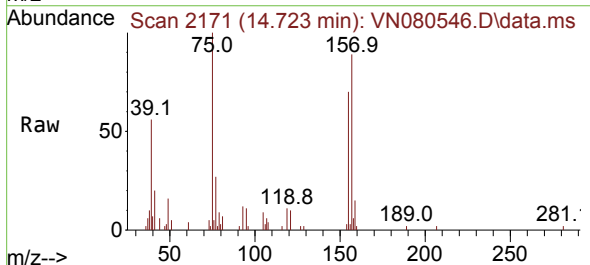
Instrument :
 MSVOA_N
 ClientSampleId :

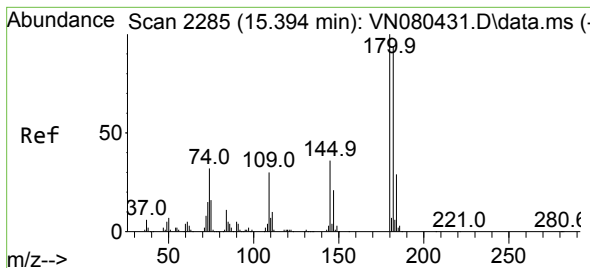
Tgt Ion:146 Resp: 98477
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.0 66.0
 148 63.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.281 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080546.D
 Acq: 20 Dec 2023 14:56

Tgt Ion: 75 Resp: 15301
 Ion Ratio Lower Upper
 75 100
 155 73.3 39.1 117.2
 157 90.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.096 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

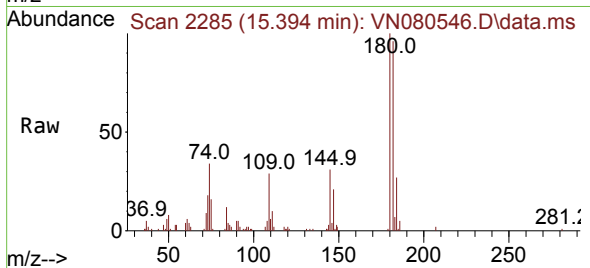
Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :



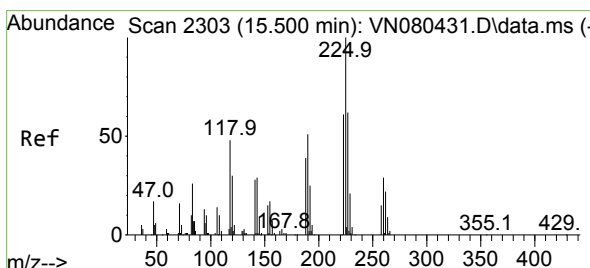
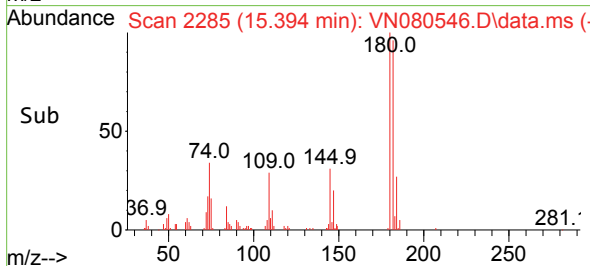
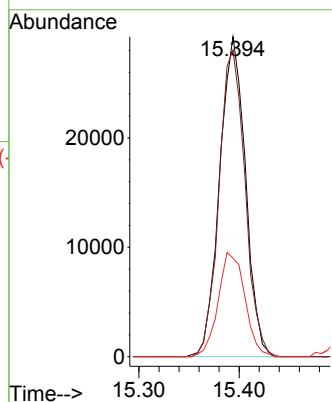
Tgt Ion:180 Resp: 52292

Ion Ratio Lower Upper

180 100

182 96.7 46.1 138.2

145 33.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 15.333 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

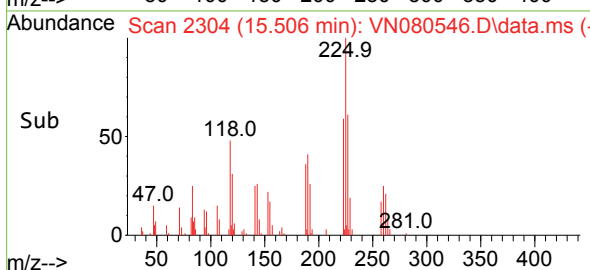
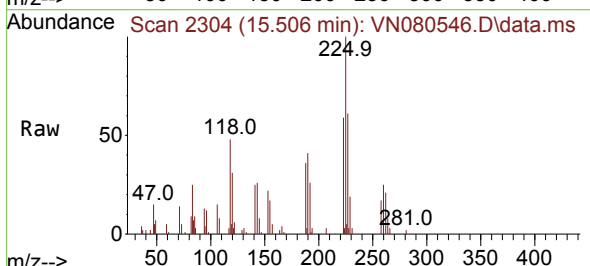
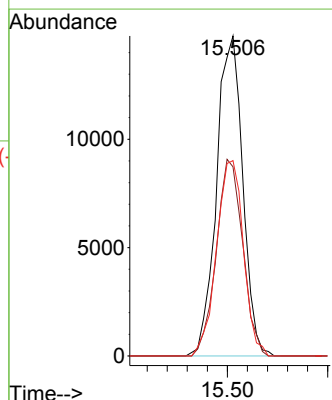
Tgt Ion:225 Resp: 26700

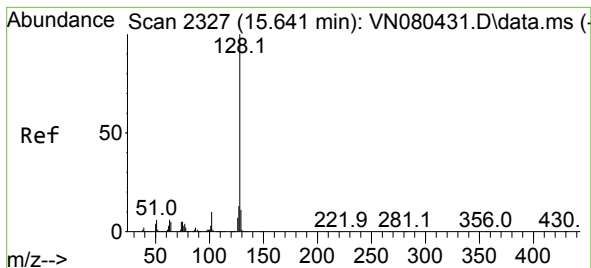
Ion Ratio Lower Upper

225 100

223 62.1 31.3 93.8

227 62.8 31.9 95.9





#95

Naphthalene

Concen: 17.543 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

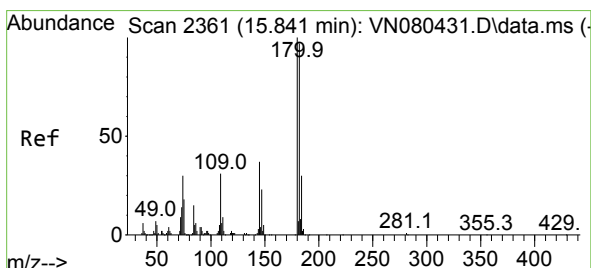
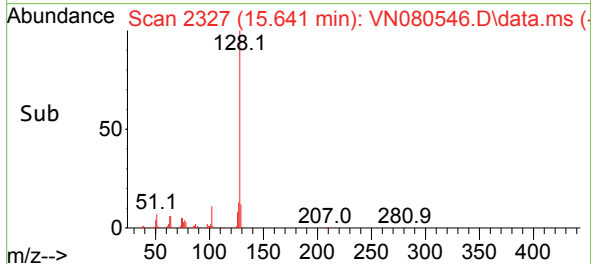
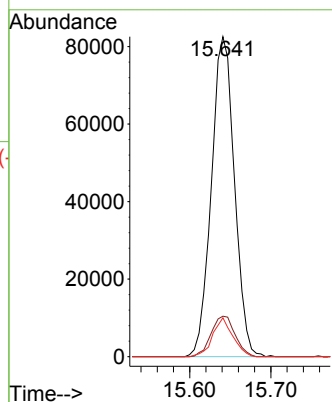
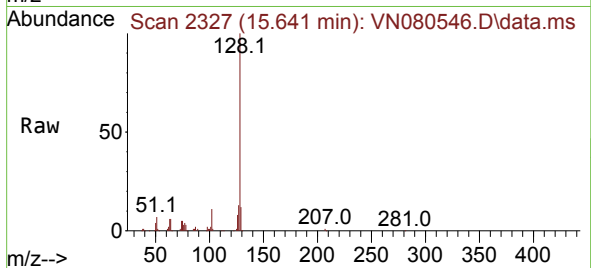
Tgt Ion:128 Resp: 162940

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.410 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080546.D

Acq: 20 Dec 2023 14:56

Tgt Ion:180 Resp: 51389

Ion Ratio Lower Upper

180 100

182 94.3 46.2 138.6

145 37.3 17.5 52.6

