

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080591.D
 Acq On : 21 Dec 2023 22:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 04:11:01 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	375463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	633870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	553894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257177	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	231766	48.330	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.660%
35) Dibromofluoromethane	8.165	113	194740	48.455	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.920%
50) Toluene-d8	10.565	98	718704	47.950	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.847	95	258054	45.339	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	227087	47.328	ug/l	99
3) Chloromethane	2.359	50	233568	46.012	ug/l	97
4) Vinyl Chloride	2.512	62	229538	56.017	ug/l	98
5) Bromomethane	2.947	94	76145	41.217	ug/l	100
6) Chloroethane	3.118	64	144719	54.963	ug/l	99
7) Trichlorofluoromethane	3.495	101	375789	45.216	ug/l	99
8) Diethyl Ether	3.953	74	137893	52.675	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	194299	49.324	ug/l	97
10) Methyl Iodide	4.589	142	107276	30.960	ug/l	96
11) Tert butyl alcohol	5.512	59	152971	270.850	ug/l	97
12) 1,1-Dichloroethene	4.336	96	202449	50.157	ug/l	95
13) Acrolein	4.171	56	206172	333.335	ug/l	100
14) Allyl chloride	5.024	41	278326	55.733	ug/l	91
15) Acrylonitrile	5.718	53	497732	311.898	ug/l	99
16) Acetone	4.418	43	323298	380.216	ug/l	100
17) Carbon Disulfide	4.712	76	526460	46.024	ug/l	99
18) Methyl Acetate	5.018	43	384804	70.332	ug/l	90
19) Methyl tert-butyl Ether	5.794	73	710122	52.733	ug/l	97
20) Methylene Chloride	5.277	84	234537	51.541	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	220379	50.354	ug/l	85
22) Diisopropyl ether	6.665	45	675881	62.707	ug/l #	90
23) Vinyl Acetate	6.600	43	1763494	284.875	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	422143	56.136	ug/l	99
25) 2-Butanone	7.482	43	561508	342.794	ug/l	90
26) 2,2-Dichloropropane	7.488	77	334245	43.467	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	267902	54.078	ug/l	91
28) Bromochloromethane	7.806	49	168593	58.391	ug/l	86
29) Tetrahydrofuran	7.841	42	382664	326.236	ug/l	86
30) Chloroform	7.965	83	441027	52.835	ug/l	94
31) Cyclohexane	8.259	56	317797	48.731	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	392987	48.084	ug/l	99
36) 1,1-Dichloropropene	8.371	75	317157	48.264	ug/l	97
37) Ethyl Acetate	7.559	43	235686	57.275	ug/l	97
38) Carbon Tetrachloride	8.365	117	335042	42.670	ug/l	99
39) Methylcyclohexane	9.600	83	302958	44.379	ug/l	90
40) Benzene	8.606	78	967926	51.009	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	144103	60.744	ug/l	89
42) 1,2-Dichloroethane	8.671	62	323092	45.979	ug/l	100
43) Isopropyl Acetate	8.688	43	425826	57.553	ug/l	97
44) Trichloroethene	9.353	130	245817	48.053	ug/l	98
45) 1,2-Dichloropropane	9.624	63	247801	55.601	ug/l	99
46) Dibromomethane	9.706	93	157938	49.346	ug/l	90
47) Bromodichloromethane	9.888	83	346435	50.505	ug/l	99
48) Methyl methacrylate	9.682	41	246595	55.850	ug/l #	85
49) 1,4-Dioxane	9.694	88	65990	986.046	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1228257	301.424	ug/l	99
52) Toluene	10.629	92	599432	50.005	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	361331	48.686	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	399399	50.349	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	230033	53.330	ug/l	95
56) Ethyl methacrylate	10.876	69	257495	53.920	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	405145	53.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	849040	281.626	ug/l	92
59) 2-Hexanone	11.194	43	894438	297.329	ug/l	98
60) Dibromochloromethane	11.359	129	253189	49.536	ug/l	98
61) 1,2-Dibromoethane	11.470	107	226609	50.761	ug/l	99
64) Tetrachloroethene	11.106	164	193785	45.313	ug/l	98
65) Chlorobenzene	11.894	112	614487	49.871	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	234732	48.551	ug/l	97
67) Ethyl Benzene	11.965	91	1103203	48.693	ug/l	95
68) m/p-Xylenes	12.070	106	827677	98.863	ug/l	94
69) o-Xylene	12.400	106	403237	49.243	ug/l	93
70) Styrene	12.412	104	604094	51.215	ug/l	96
71) Bromoform	12.576	173	166760	47.298	ug/l #	98
73) Isopropylbenzene	12.694	105	1025154	49.621	ug/l	99
74) N-amyl acetate	12.494	43	358260	59.383	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	317929	57.429	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	387246	75.478	ug/l	78
77) Bromobenzene	12.982	156	248261	48.849	ug/l	99
78) n-propylbenzene	13.035	91	1162668	51.042	ug/l	99
79) 2-Chlorotoluene	13.123	91	737177	49.571	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	861838	48.436	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	80793	41.346	ug/l	96
82) 4-Chlorotoluene	13.223	91	745365	48.762	ug/l	98
83) tert-Butylbenzene	13.441	119	701316	48.128	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	878265	49.616	ug/l	99
85) sec-Butylbenzene	13.617	105	919394	49.322	ug/l	100
86) p-Isopropyltoluene	13.729	119	819934	48.715	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	429441	47.959	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	430180	47.592	ug/l	99
89) n-Butylbenzene	14.059	91	685182	48.748	ug/l	99
90) Hexachloroethane	14.335	117	122188	45.712	ug/l	78
91) 1,2-Dichlorobenzene	14.106	146	423308	49.784	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	56654	48.653	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	228879	48.482	ug/l	99
94) Hexachlorobutadiene	15.506	225	106296	39.550	ug/l	99
95) Naphthalene	15.641	128	735320	51.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	218820	48.032	ug/l	98

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QLast Update : Wed Dec 13 01:57:14 2023
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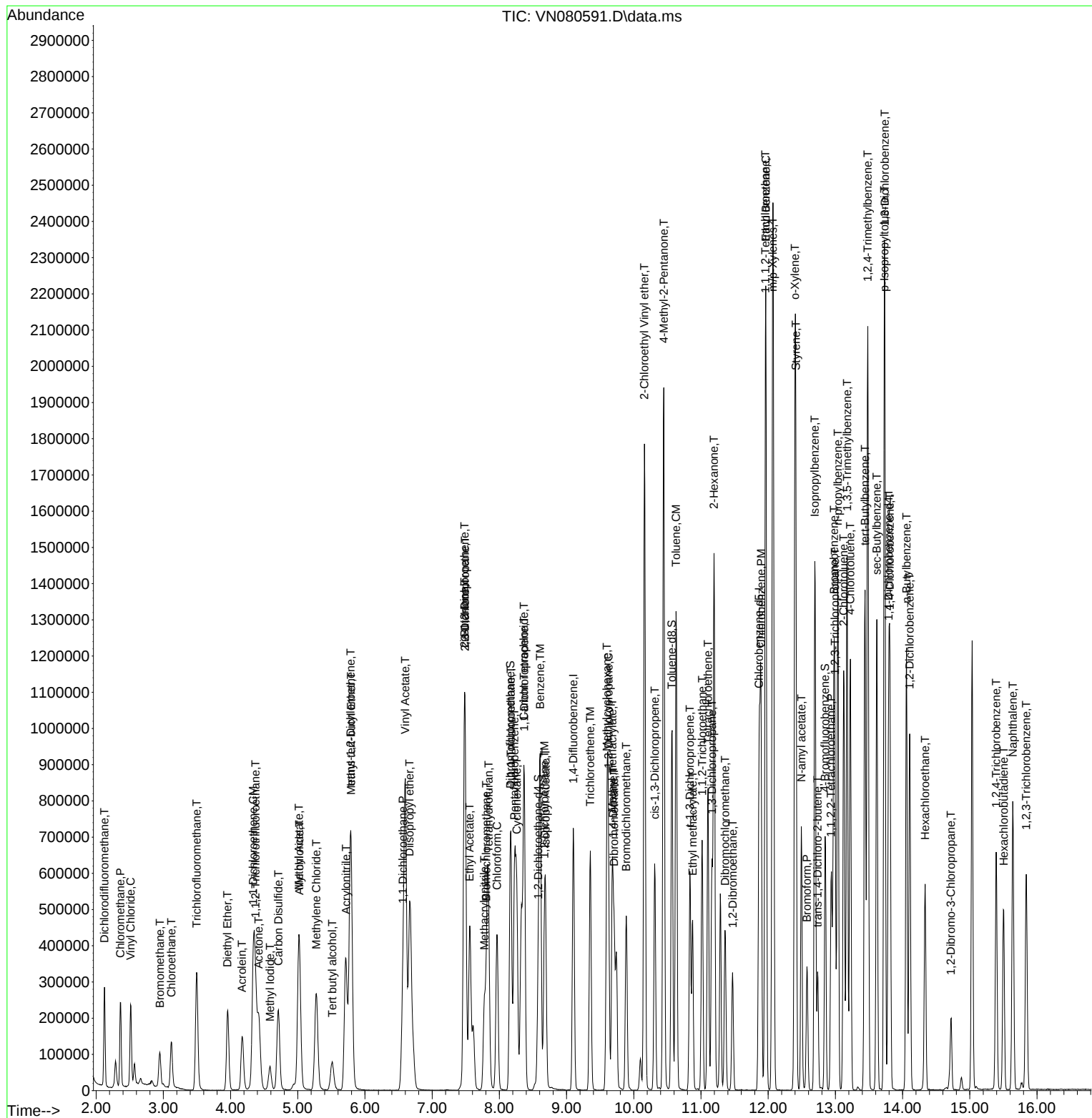
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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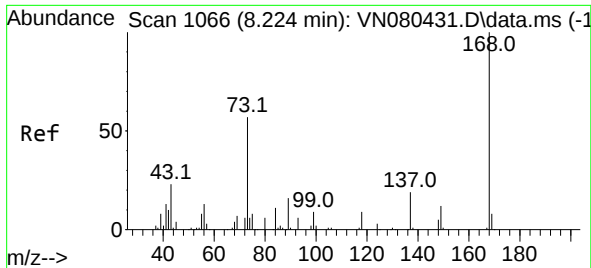
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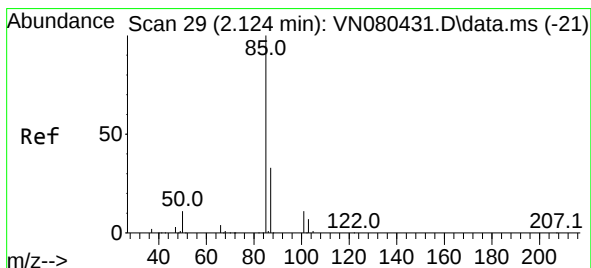
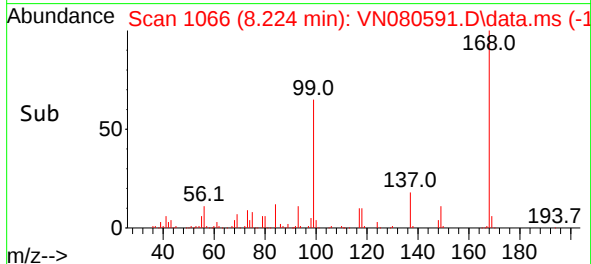
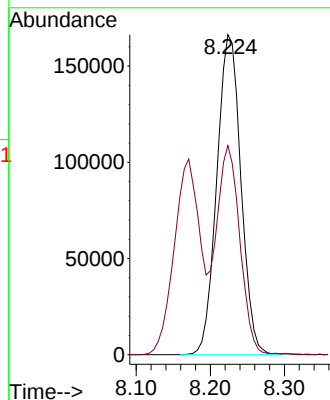
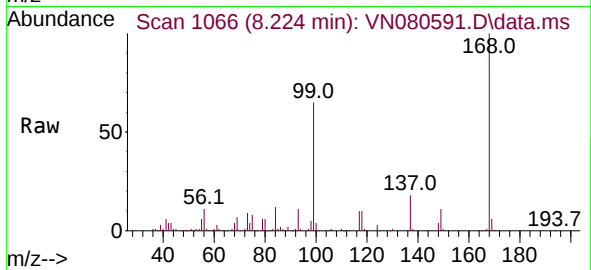




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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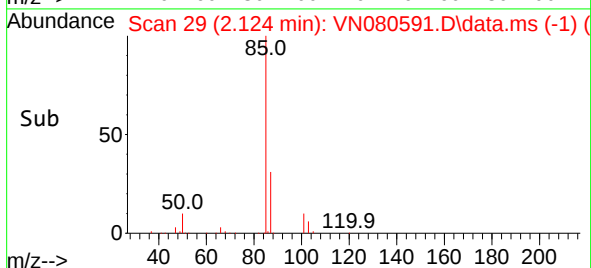
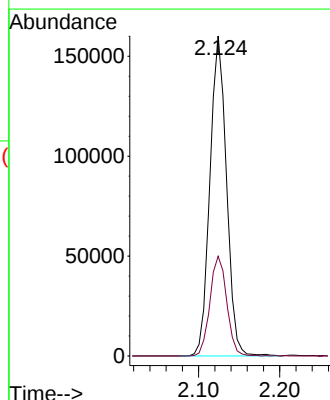
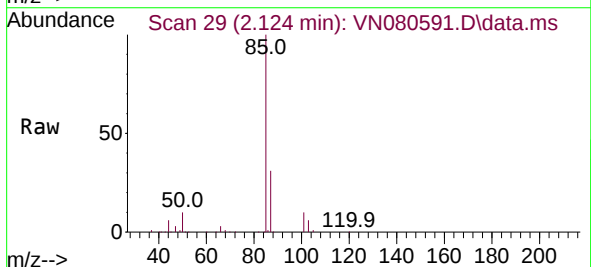
Instrument :
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ClientSampleId :

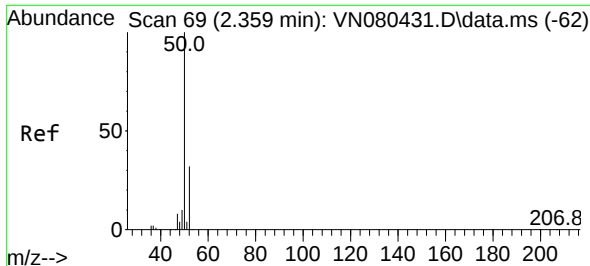
Tgt Ion:168 Resp: 375463
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 47.328 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 85 Resp: 227087
Ion Ratio Lower Upper
85 100
87 31.1 15.8 47.4

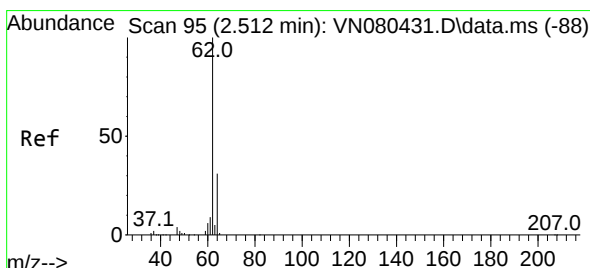
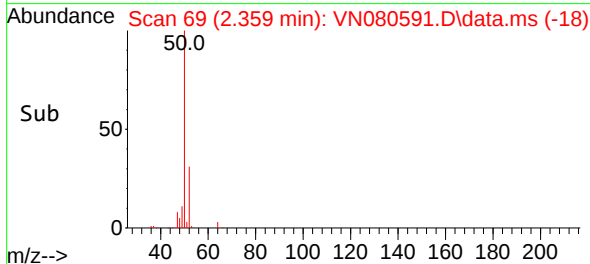
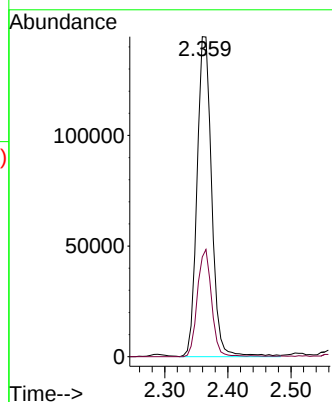
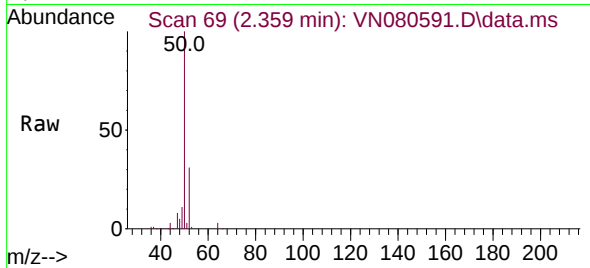




#3
Chloromethane
Concen: 46.012 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

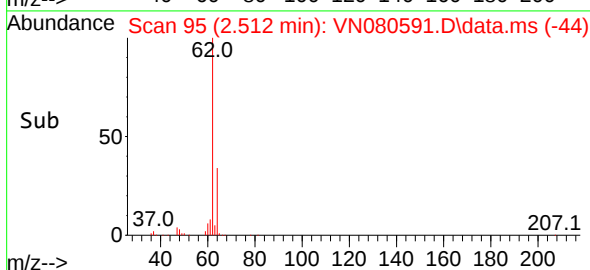
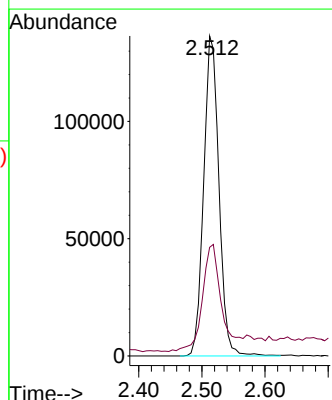
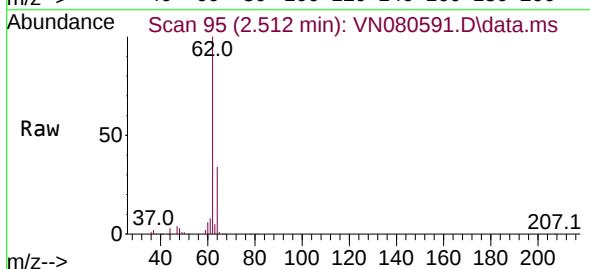
Instrument :
MSVOA_N
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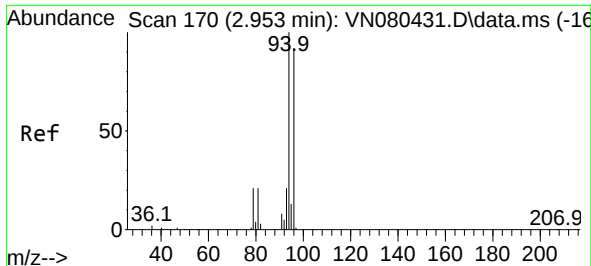
Tgt Ion: 50 Resp: 233568
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7



#4
Vinyl Chloride
Concen: 56.017 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 62 Resp: 229538
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2

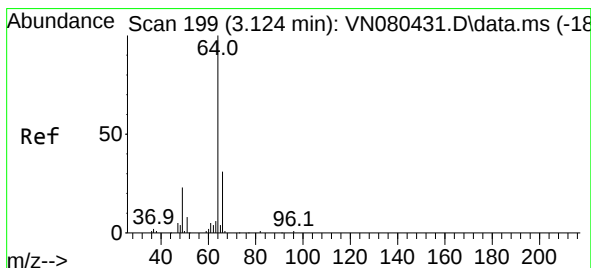
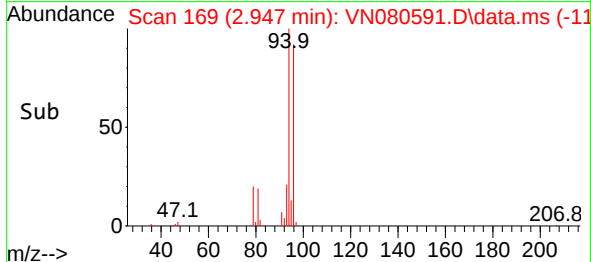
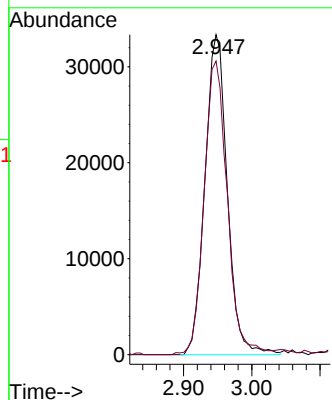
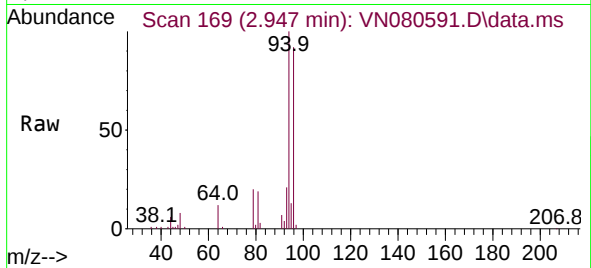




#5
Bromomethane
Concen: 41.217 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080591.D
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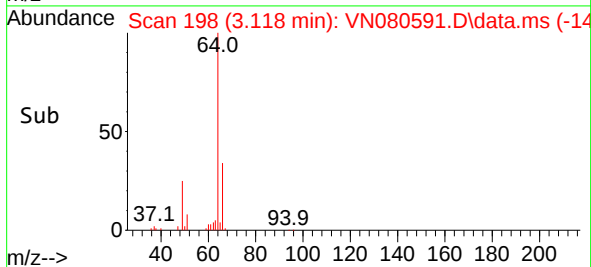
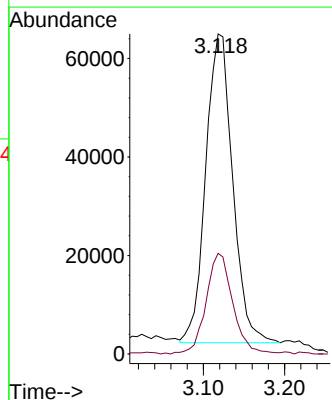
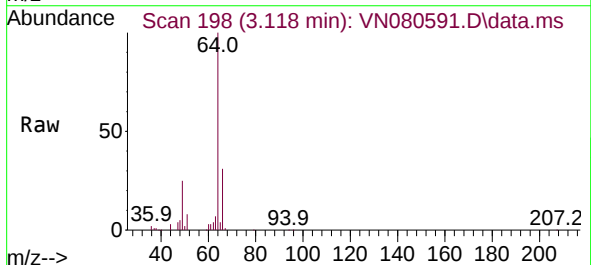
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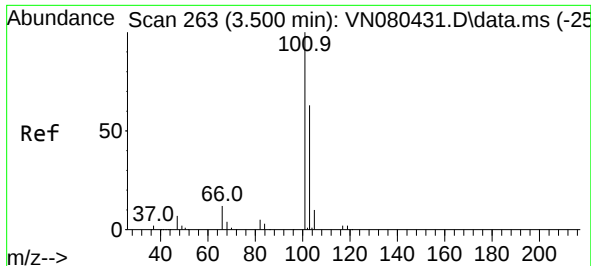
Tgt Ion: 94 Resp: 76145
Ion Ratio Lower Upper
94 100
96 91.2 73.1 109.7



#6
Chloroethane
Concen: 54.963 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 64 Resp: 144719
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2

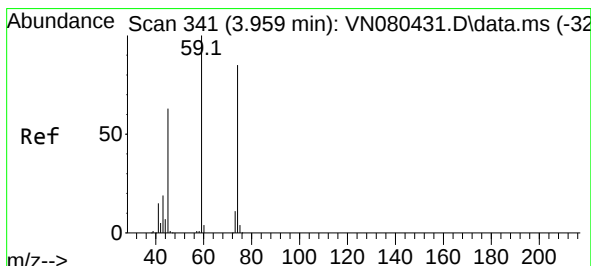
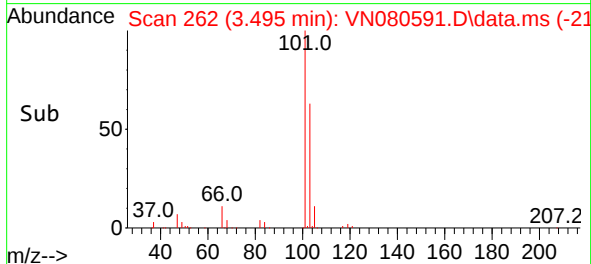
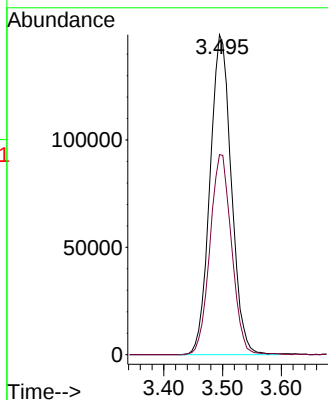
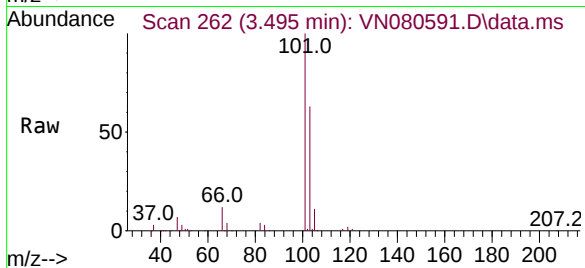




#7
Trichlorofluoromethane
Concen: 45.216 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

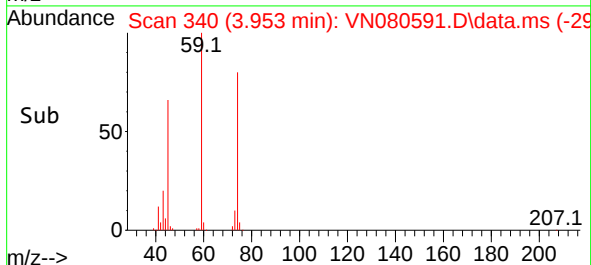
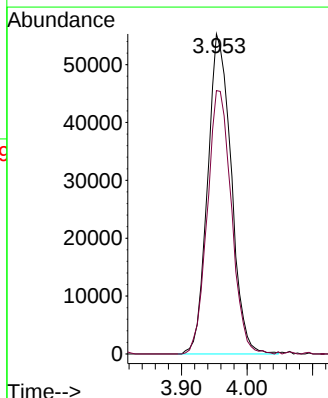
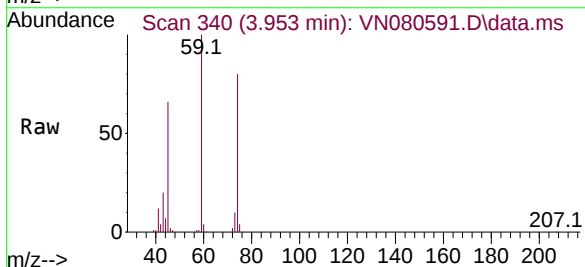
Instrument :
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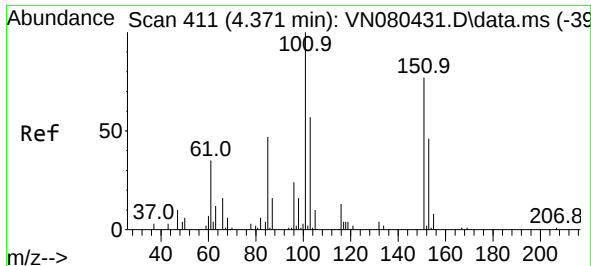
Tgt Ion:101 Resp: 375789
Ion Ratio Lower Upper
101 100
103 62.5 50.7 76.1



#8
Diethyl Ether
Concen: 52.675 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 137893
Ion Ratio Lower Upper
74 100
45 84.1 34.4 103.3

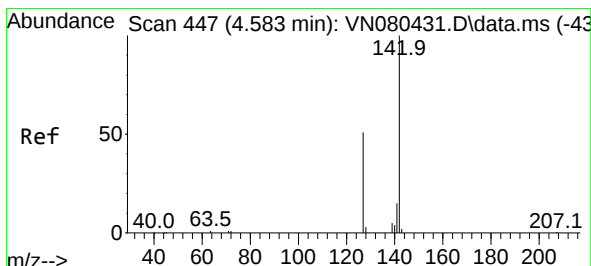
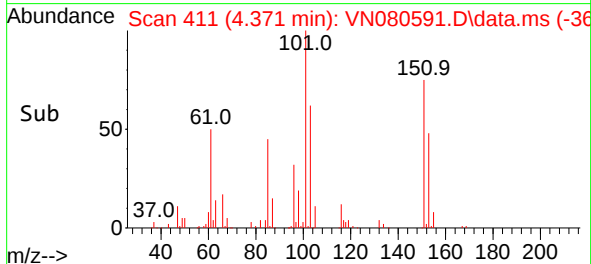
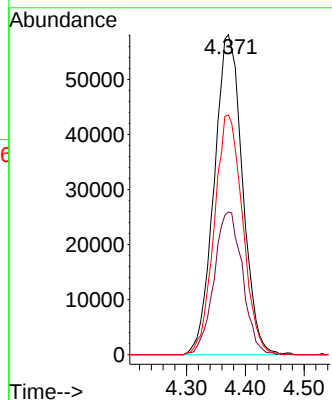
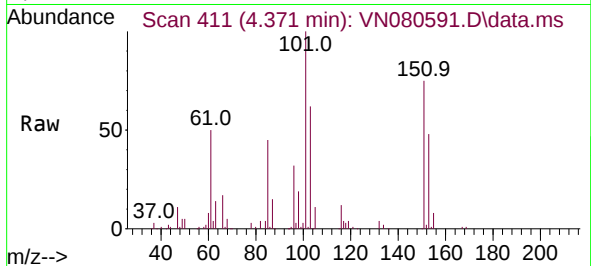




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.324 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

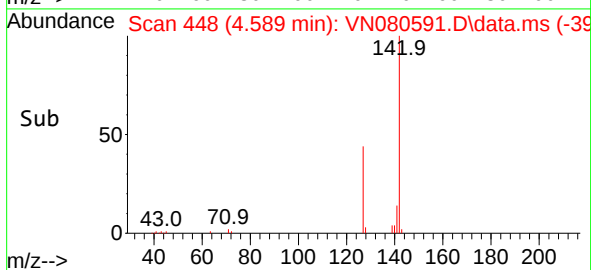
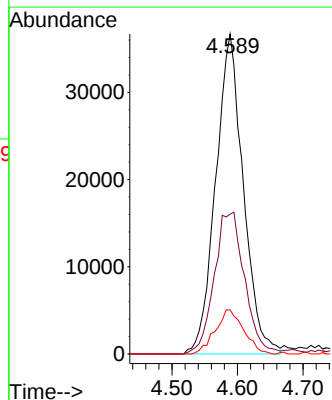
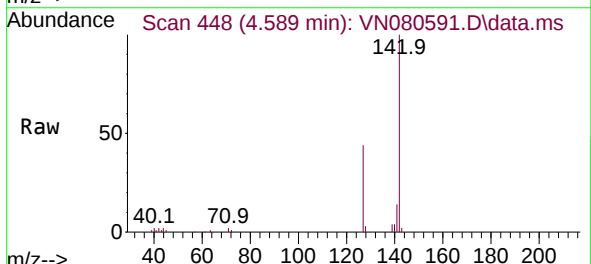
Instrument :
MSVOA_N
ClientSampleId :

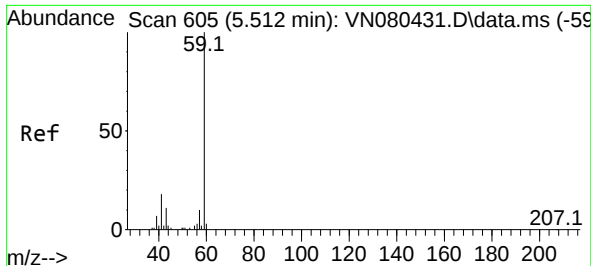
Tgt Ion:101 Resp: 194299
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 75.1 57.6 86.4



#10
Methyl Iodide
Concen: 30.960 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion:142 Resp: 107276
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 13.8 11.4 17.0

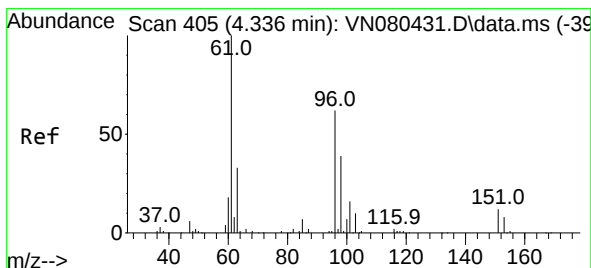
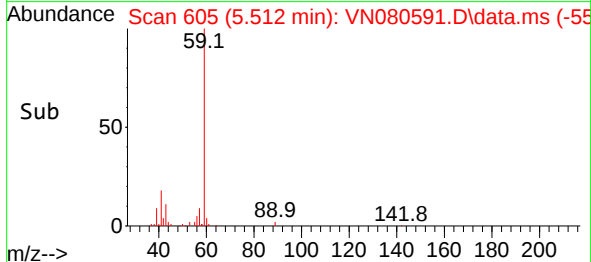
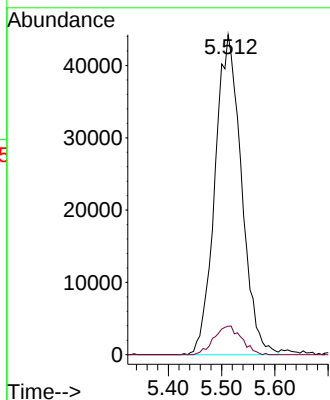
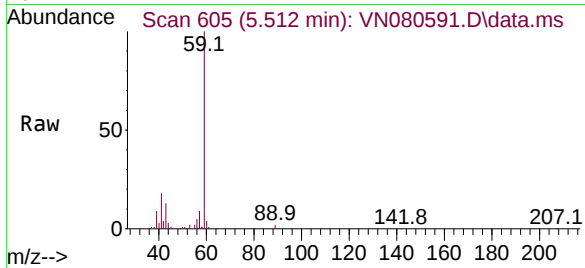




#11
Tert butyl alcohol
Concen: 270.850 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

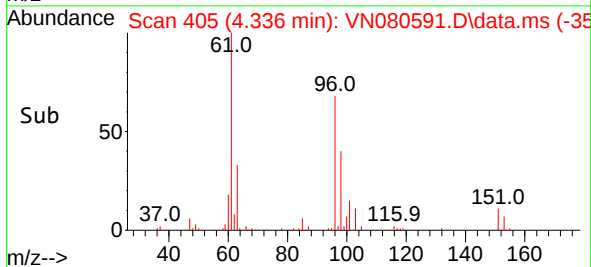
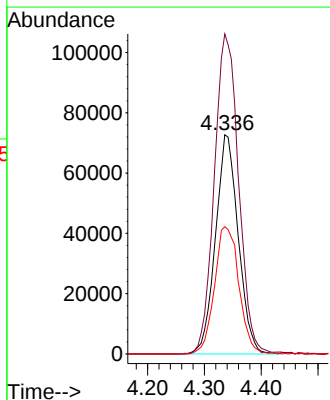
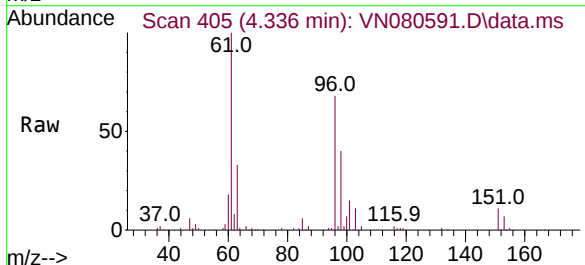
Instrument :
MSVOA_N
ClientSampleId :

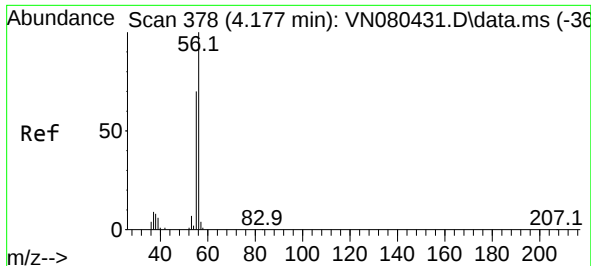
Tgt Ion: 59 Resp: 152971
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.157 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 96 Resp: 202449
Ion Ratio Lower Upper
96 100
61 146.0 112.7 169.1
98 58.1 51.2 76.8

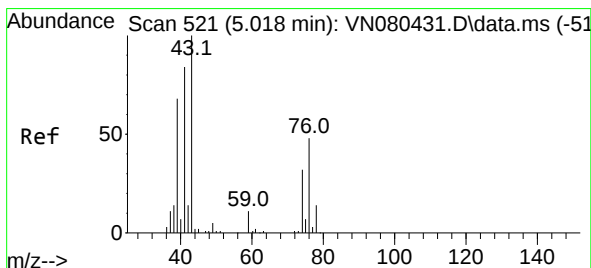
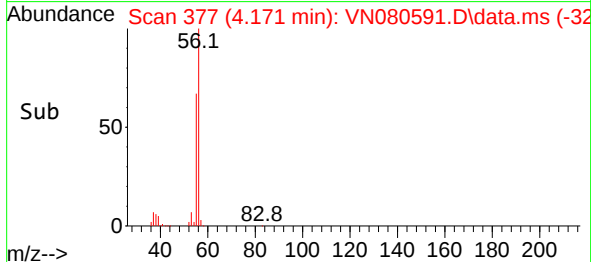
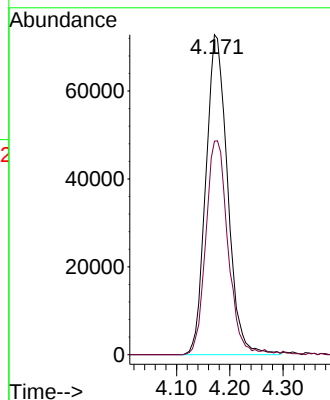
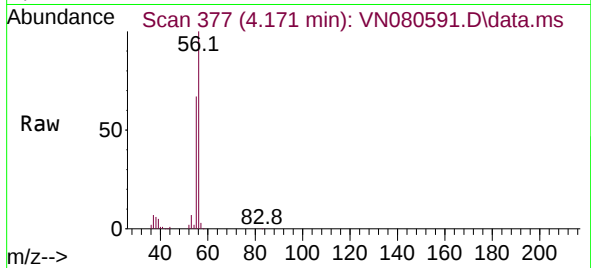




#13
Acrolein
Concen: 333.335 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

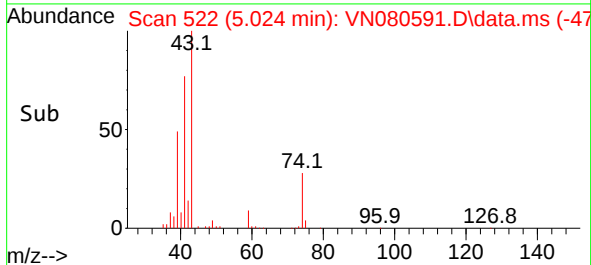
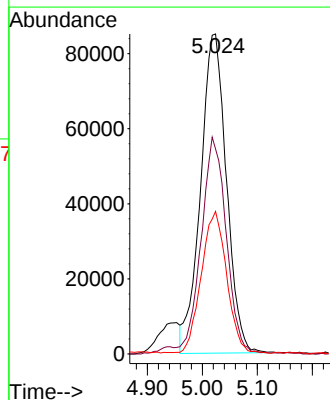
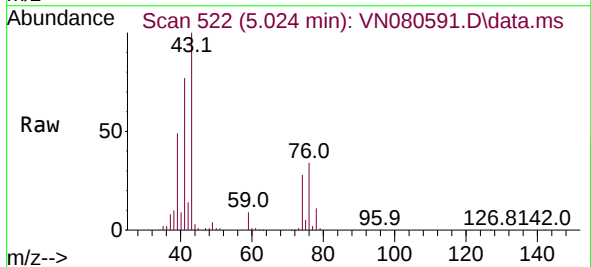
Instrument :
MSVOA_N
ClientSampleId :

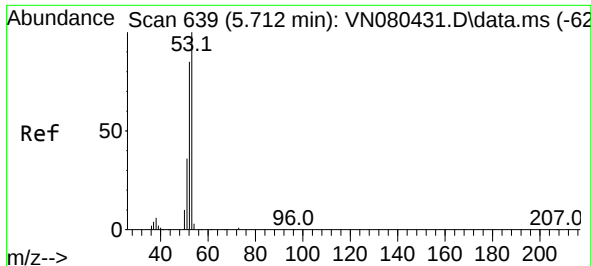
Tgt Ion: 56 Resp: 206172
Ion Ratio Lower Upper
56 100
55 67.8 54.5 81.7



#14
Allyl chloride
Concen: 55.733 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

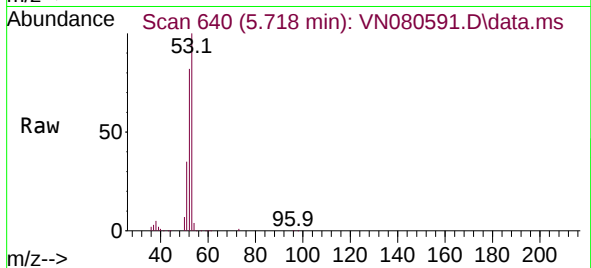
Tgt Ion: 41 Resp: 278326
Ion Ratio Lower Upper
41 100
39 65.8 58.8 88.2
76 43.6 39.1 58.7



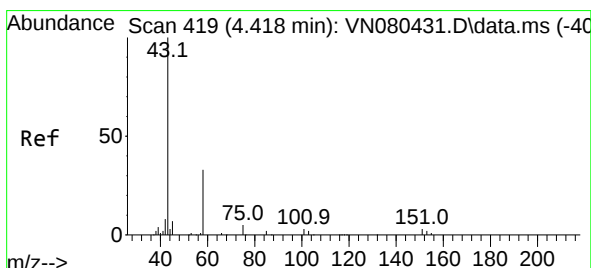
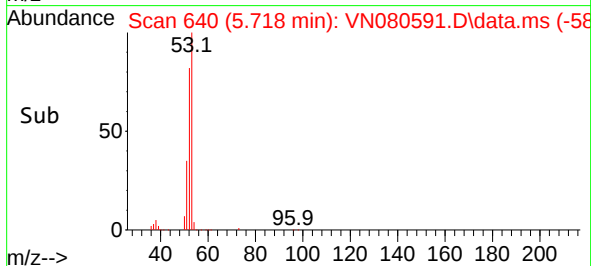
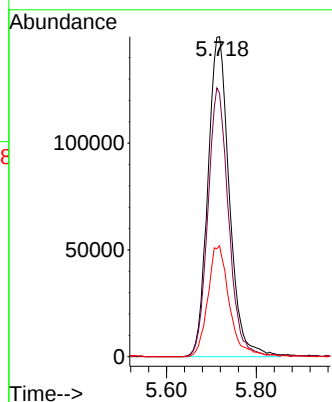


#15
Acrylonitrile
Concen: 311.898 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Instrument :
MSVOA_N
ClientSampleId :

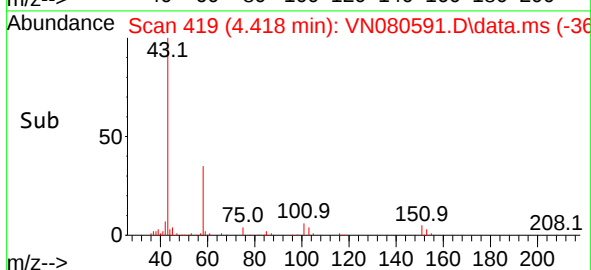
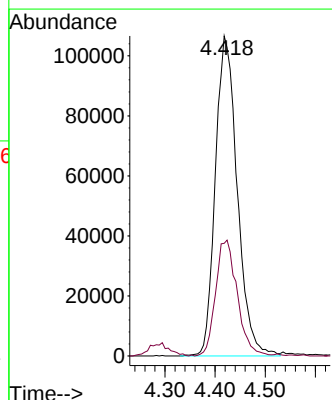
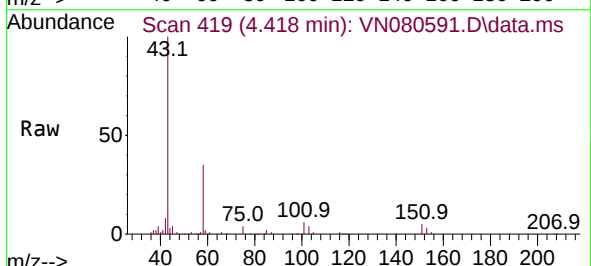


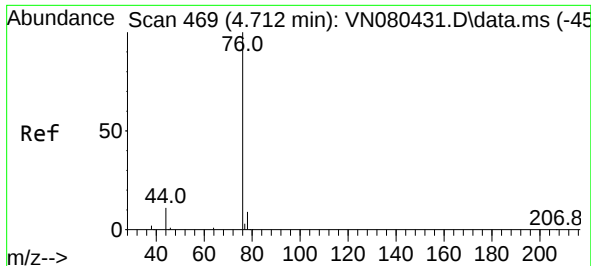
Tgt Ion: 53 Resp: 497732
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 34.6 28.9 43.3



#16
Acetone
Concen: 380.216 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 43 Resp: 323298
Ion Ratio Lower Upper
43 100
58 34.8 28.0 42.0

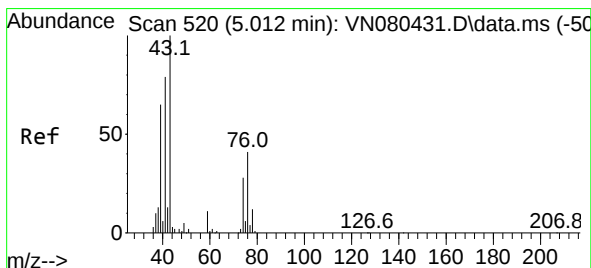
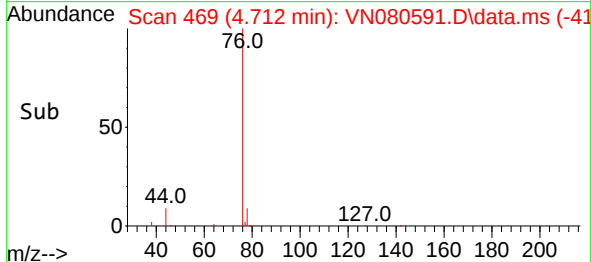
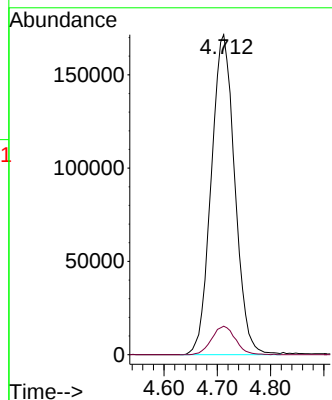
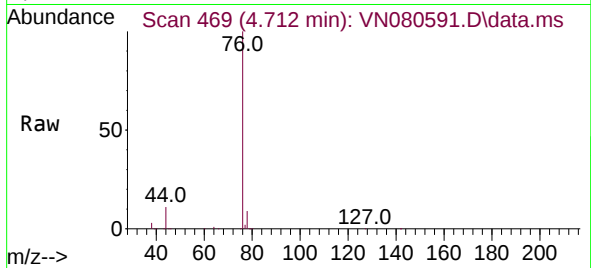




#17
Carbon Disulfide
Concen: 46.024 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

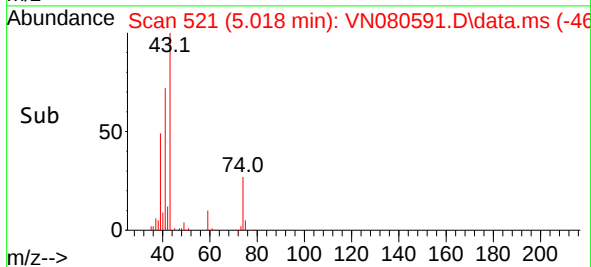
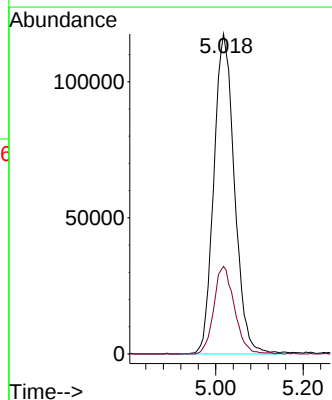
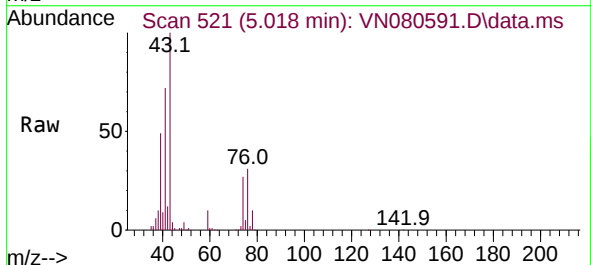
Instrument :
MSVOA_N
ClientSampleId :

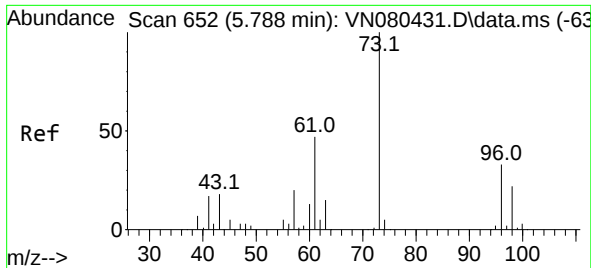
Tgt Ion: 76 Resp: 526460
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 70.332 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 43 Resp: 384804
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4

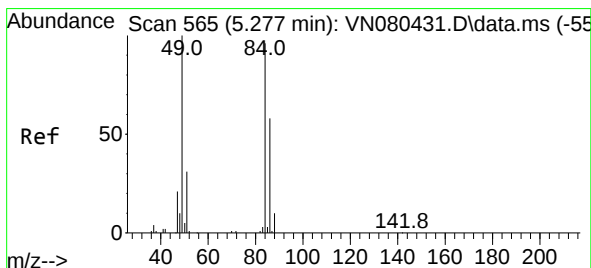
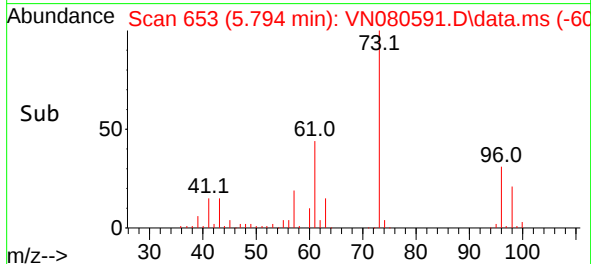
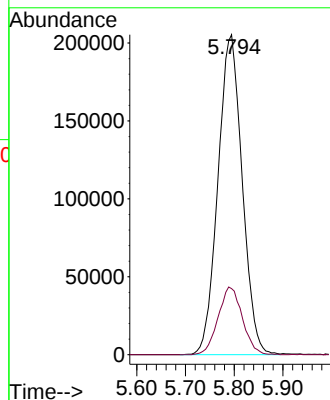
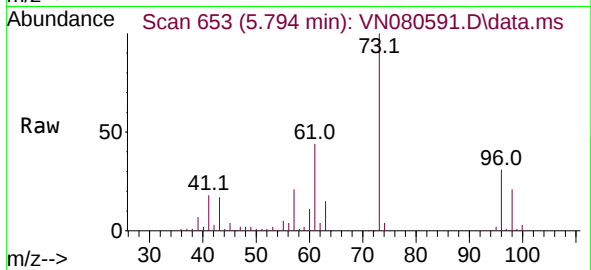




#19
Methyl tert-butyl Ether
Concen: 52.733 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

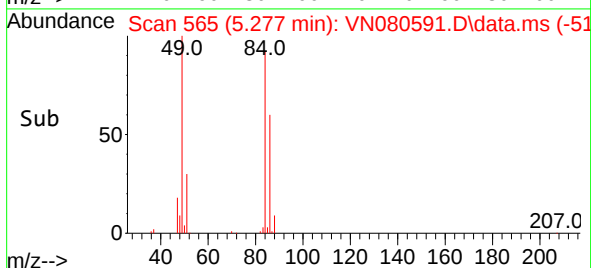
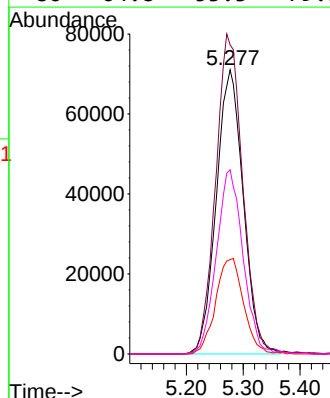
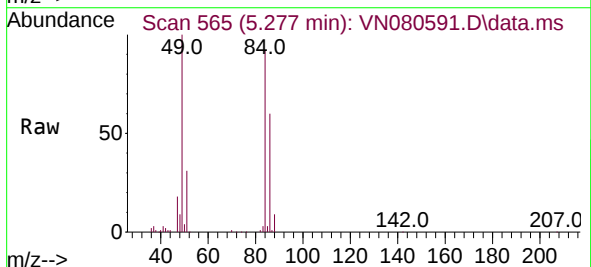
Instrument :
MSVOA_N
ClientSampleId :

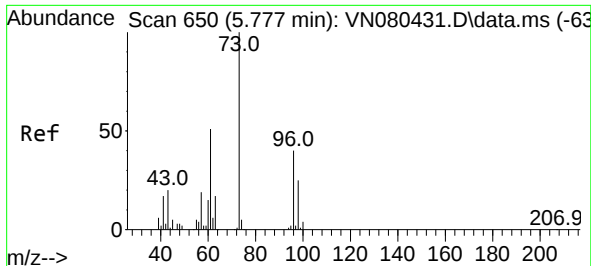
Tgt Ion: 73 Resp: 710122
Ion Ratio Lower Upper
73 100
57 20.7 15.6 23.4



#20
Methylene Chloride
Concen: 51.541 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

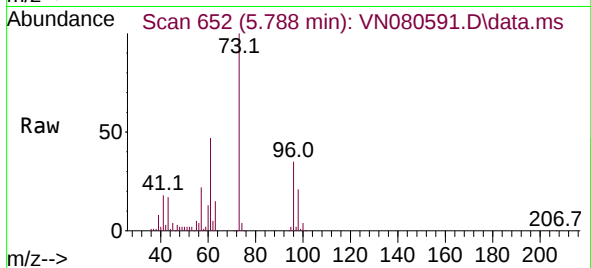
Tgt Ion: 84 Resp: 234537
Ion Ratio Lower Upper
84 100
49 108.8 79.7 119.5
51 33.2 25.2 37.8
86 64.8 53.3 79.9



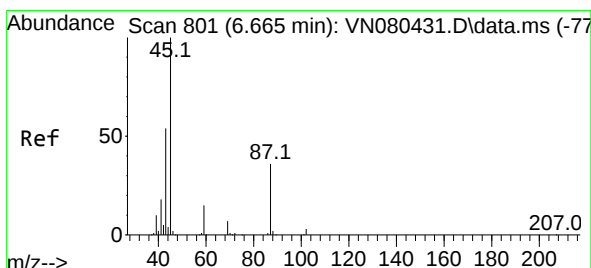
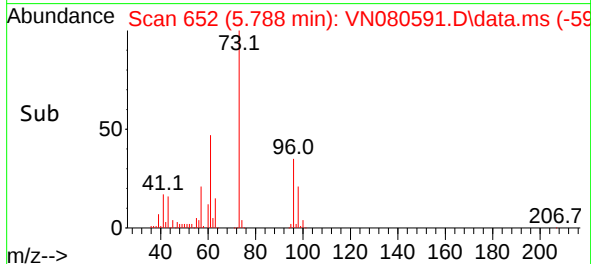
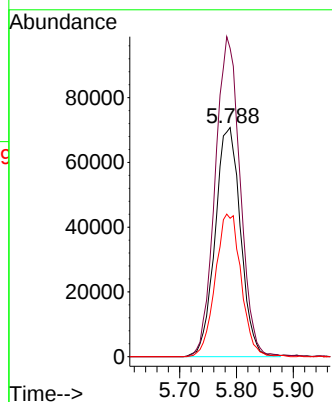


#21
trans-1,2-Dichloroethene
Concen: 50.354 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Instrument :
MSVOA_N
ClientSampleId :

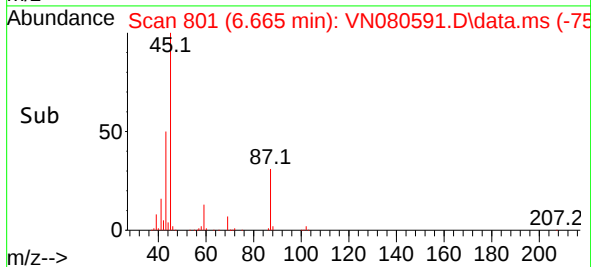
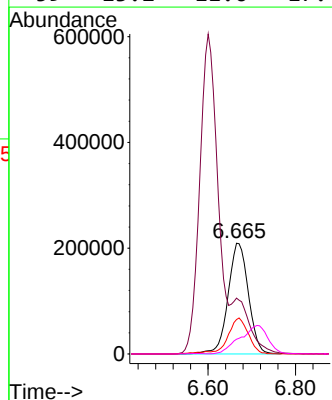
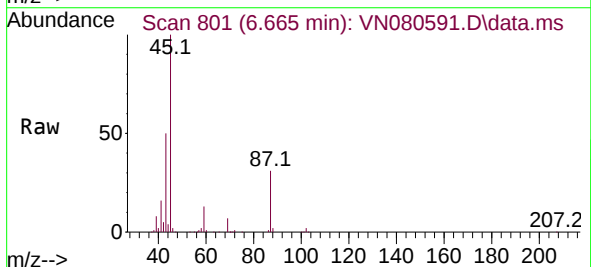


Tgt Ion: 96 Resp: 220379
Ion Ratio Lower Upper
96 100
61 134.6 90.1 135.1
98 60.4 46.4 69.6



#22
Diisopropyl ether
Concen: 62.707 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 45 Resp: 675881
Ion Ratio Lower Upper
45 100
43 49.7 45.5 68.3
87 31.0 31.8 47.8#
59 13.2 11.6 17.4

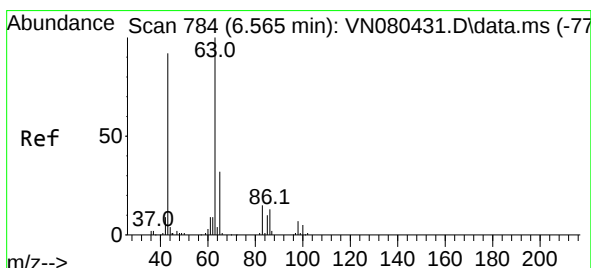
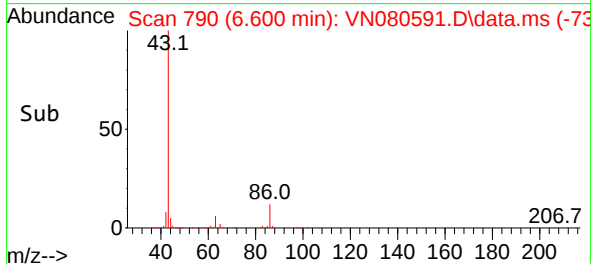
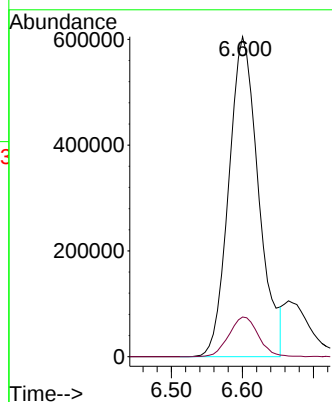
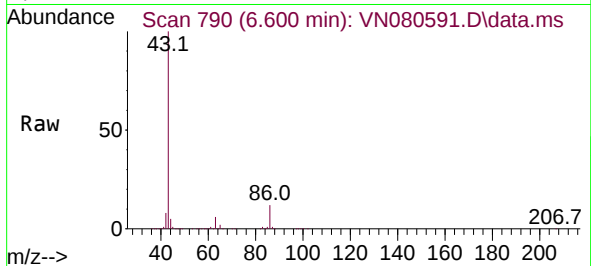




#23
 Vinyl Acetate
 Concen: 284.875 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080591.D
 Acq: 21 Dec 2023 22:10

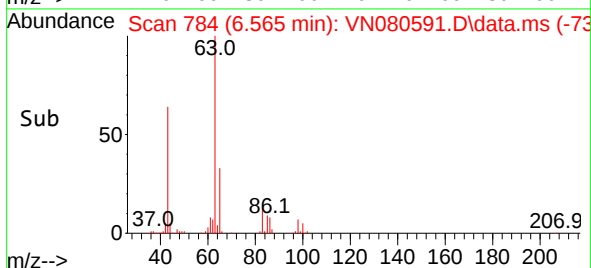
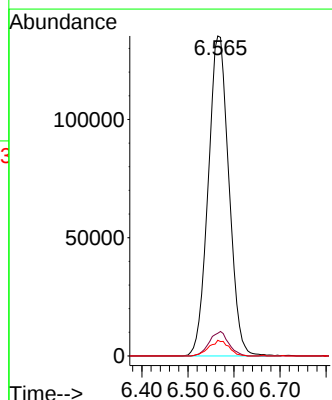
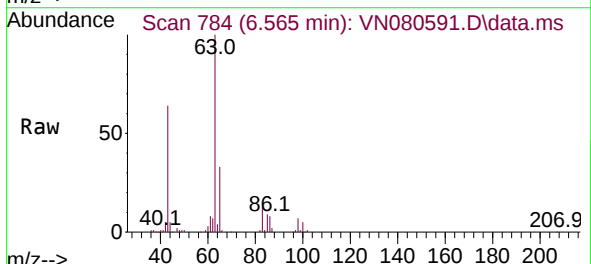
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 1763494
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 56.136 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080591.D
 Acq: 21 Dec 2023 22:10

Tgt Ion: 63 Resp: 422143
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.9 2.5 7.4

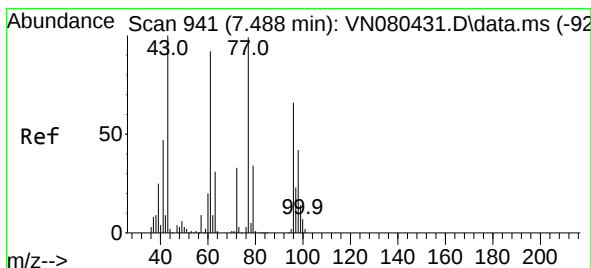
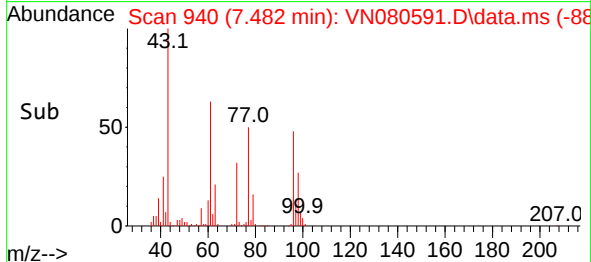
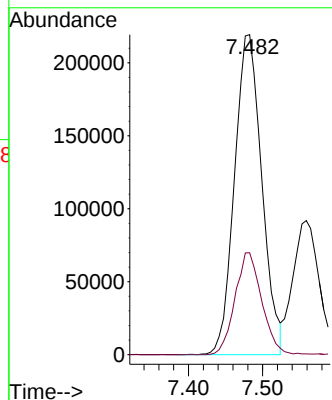
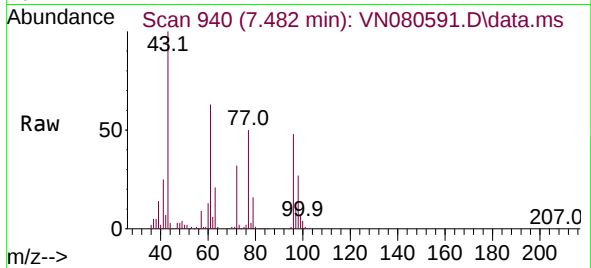




#25
2-Butanone
Concen: 342.794 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

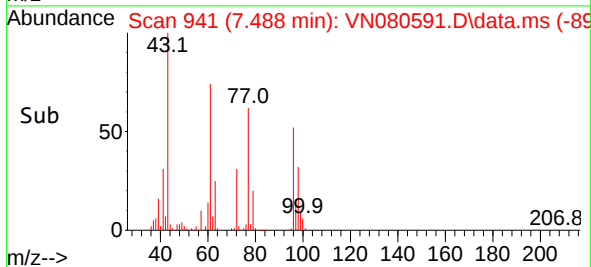
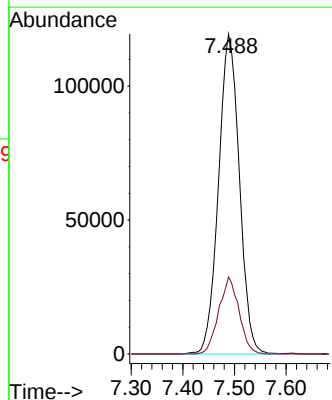
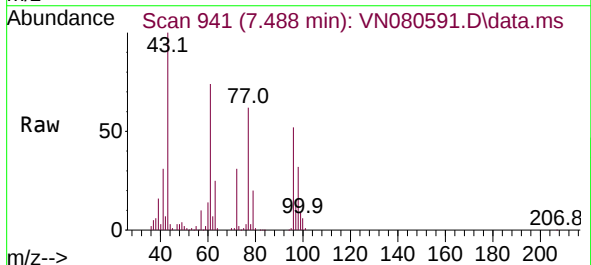
Instrument :
MSVOA_N
ClientSampleId :

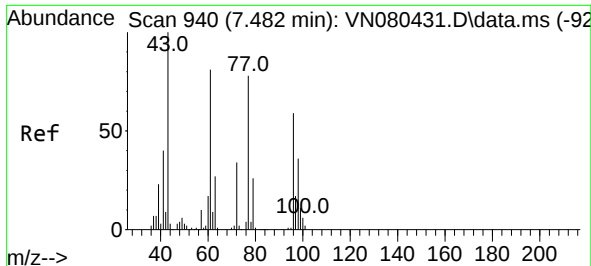
Tgt Ion: 43 Resp: 561508
Ion Ratio Lower Upper
43 100
72 31.9 30.2 45.2



#26
2,2-Dichloropropane
Concen: 43.467 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 77 Resp: 334245
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6

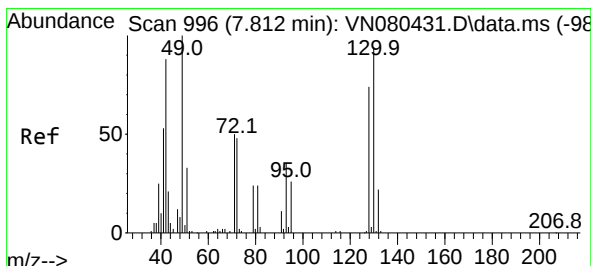
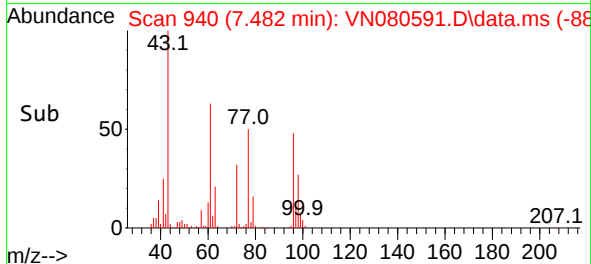
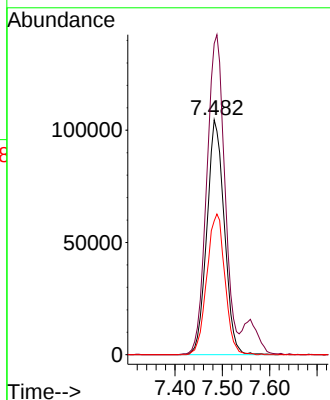
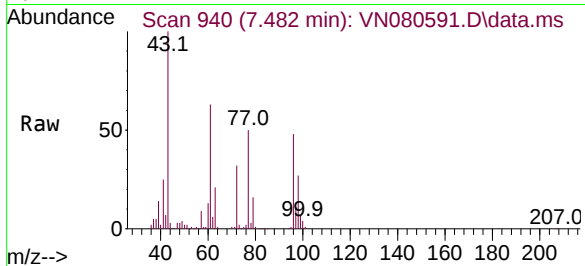




#27
 cis-1,2-Dichloroethene
 Concen: 54.078 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080591.D
 Acq: 21 Dec 2023 22:10

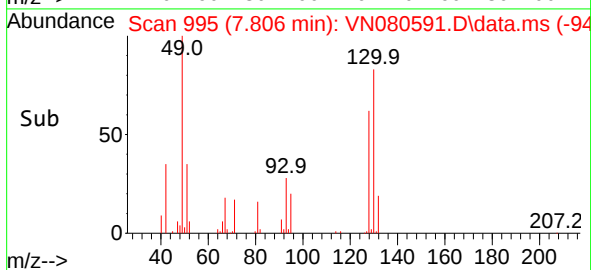
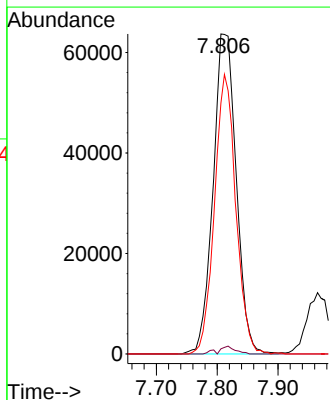
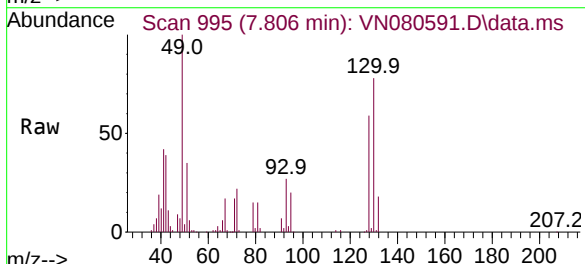
Instrument :
 MSVOA_N
 ClientSampleId :

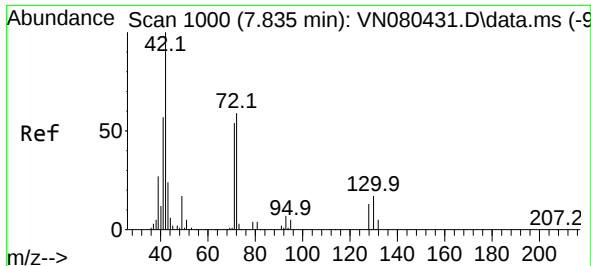
Tgt Ion: 96 Resp: 267902
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 255.2
 98 62.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 58.391 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN080591.D
 Acq: 21 Dec 2023 22:10

Tgt Ion: 49 Resp: 168593
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.8
 130 80.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 326.236 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

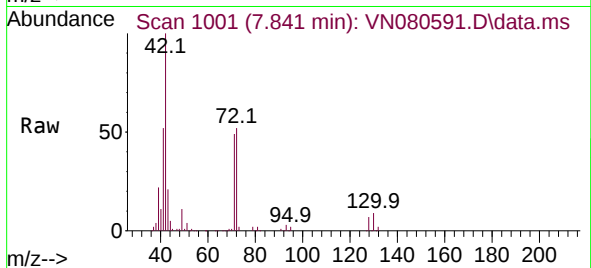
Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

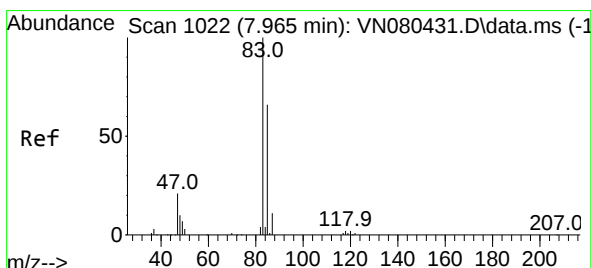
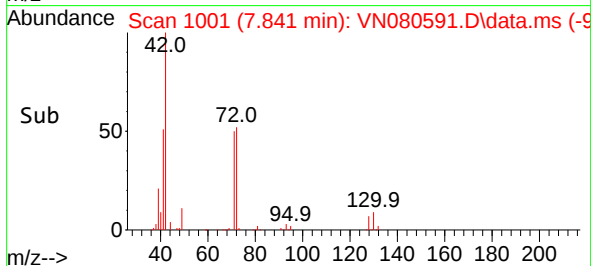
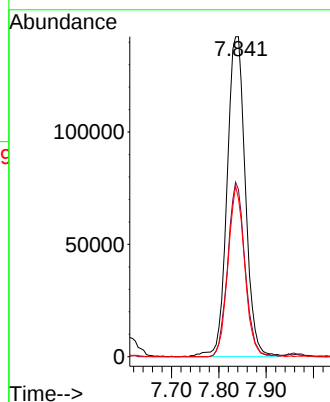
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	382664
Ion Ratio	Lower	Upper	
42	100		
72	51.4	49.8	74.6
71	48.6	47.4	71.2



#30

Chloroform

Concen: 52.835 ug/l

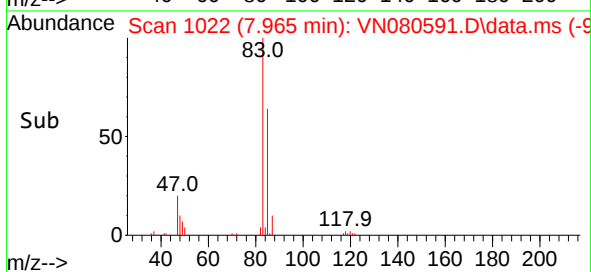
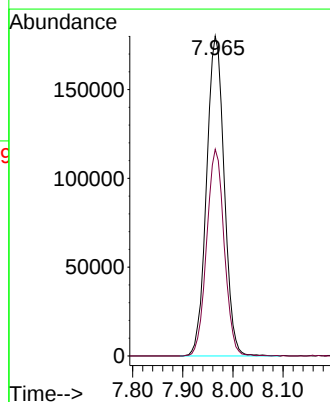
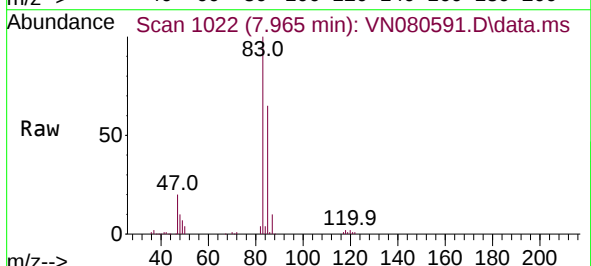
RT: 7.965 min Scan# 1022

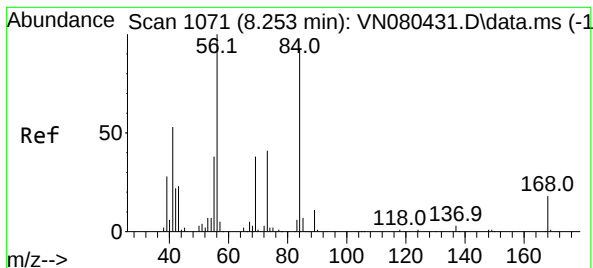
Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Tgt Ion:	83	Resp:	441027
Ion Ratio	Lower	Upper	
83	100		
85	64.6	55.4	83.0





#31

Cyclohexane

Concen: 48.731 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

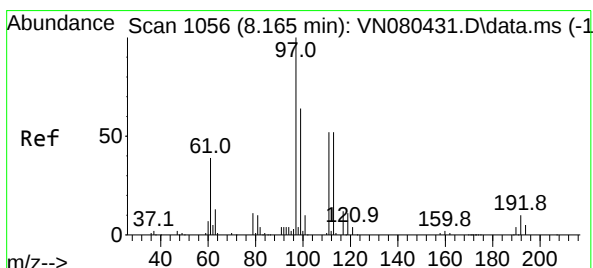
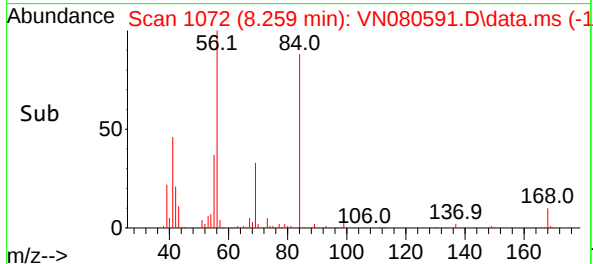
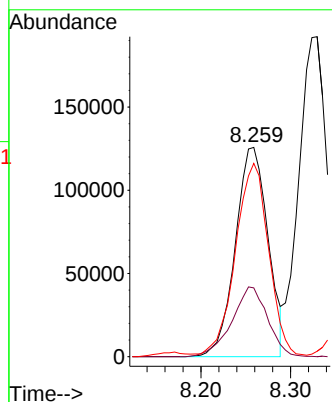
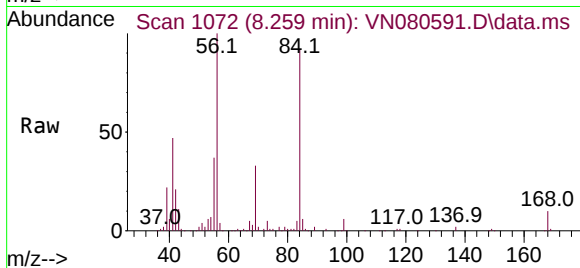
Tgt Ion: 56 Resp: 317797

Ion Ratio Lower Upper

56 100

69 32.9 26.8 40.2

84 90.8 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 48.084 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

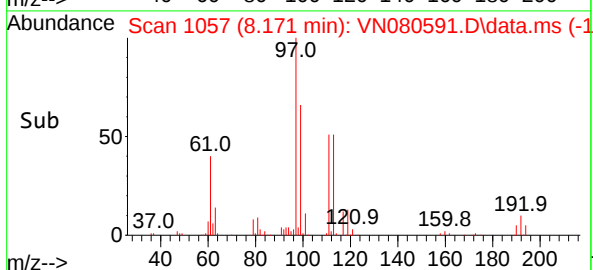
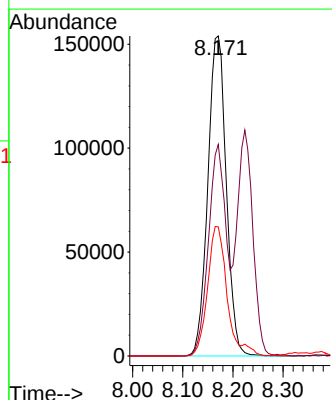
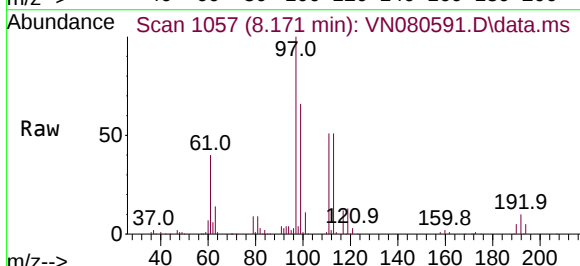
Tgt Ion: 97 Resp: 392987

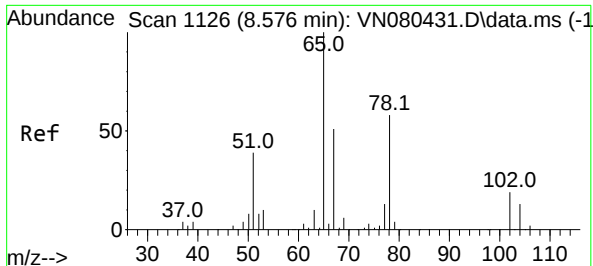
Ion Ratio Lower Upper

97 100

99 62.4 50.3 75.5

61 42.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.330 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

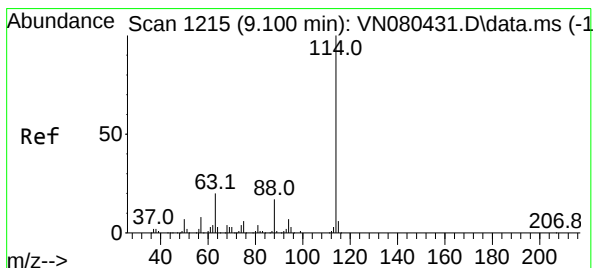
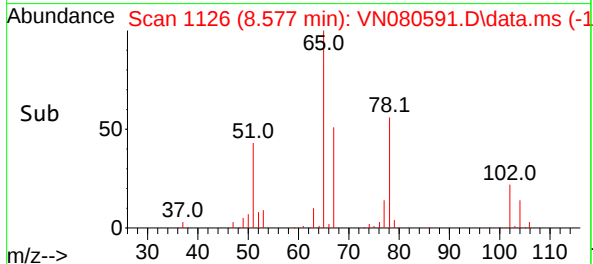
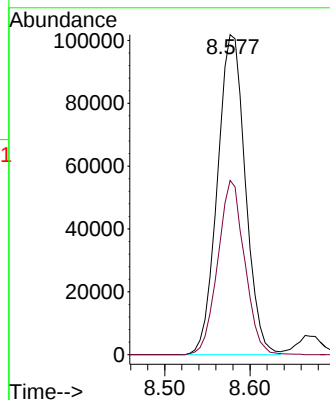
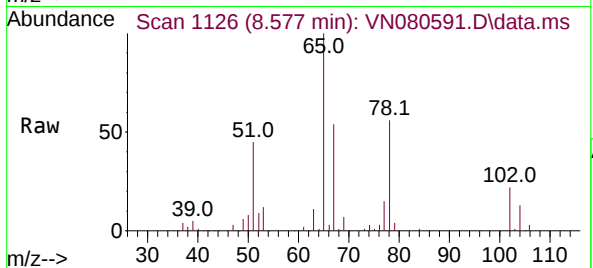
ClientSampleId :

Tgt Ion: 65 Resp: 231766

Ion Ratio Lower Upper

65 100

67 52.3 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: VN080591.D

Acq: 21 Dec 2023 22:10

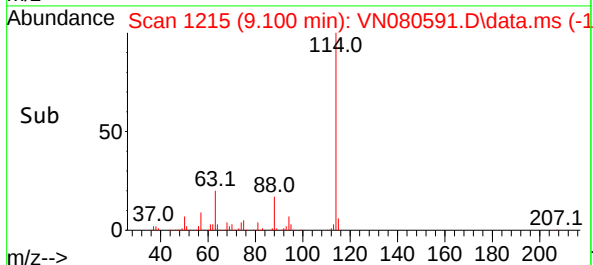
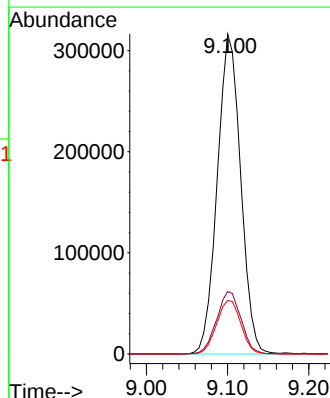
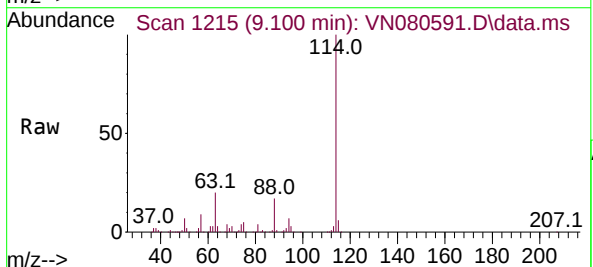
Tgt Ion: 114 Resp: 633870

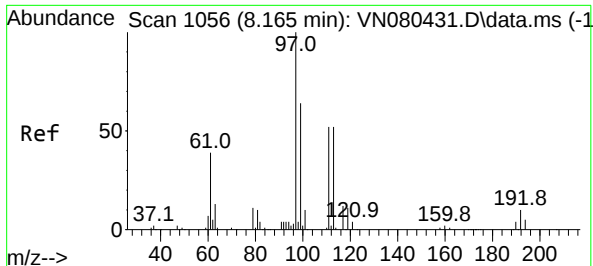
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.455 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

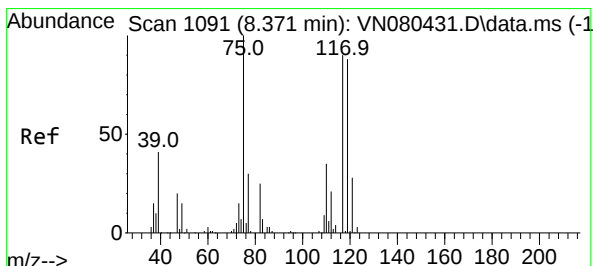
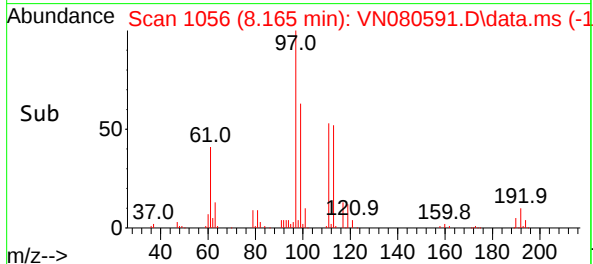
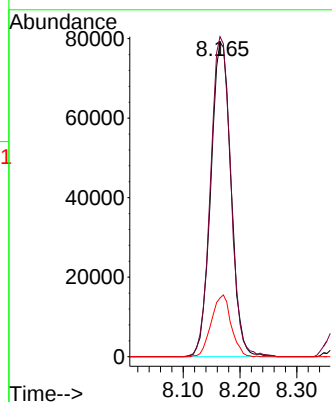
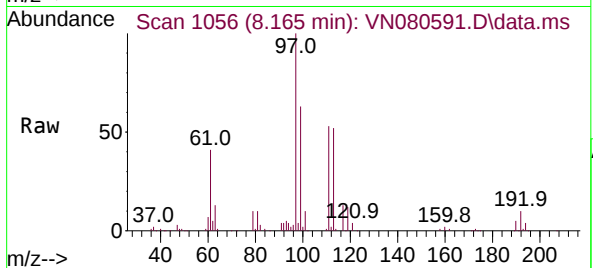
Tgt Ion:113 Resp: 194740

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 19.2 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 48.264 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

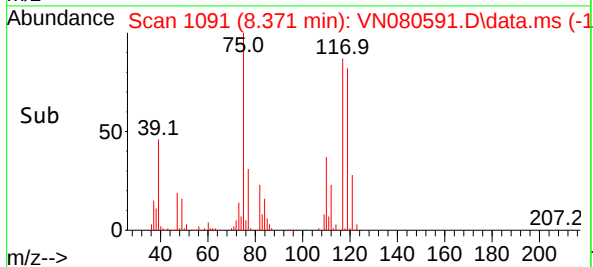
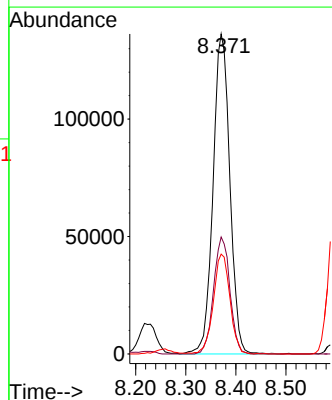
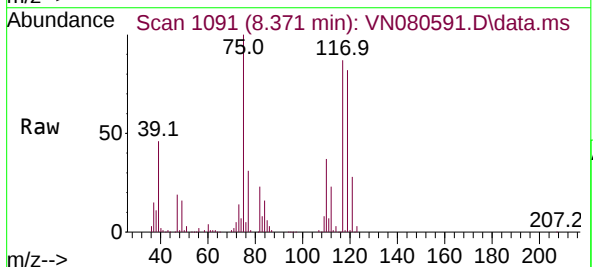
Tgt Ion: 75 Resp: 317157

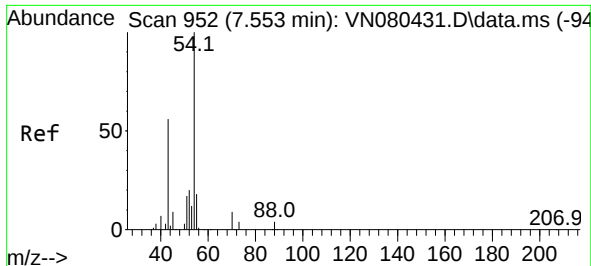
Ion Ratio Lower Upper

75 100

110 35.4 19.1 57.3

77 30.9 25.0 37.4

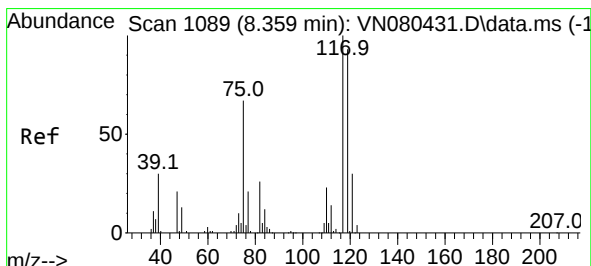
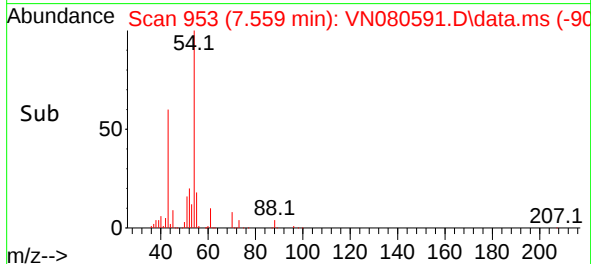
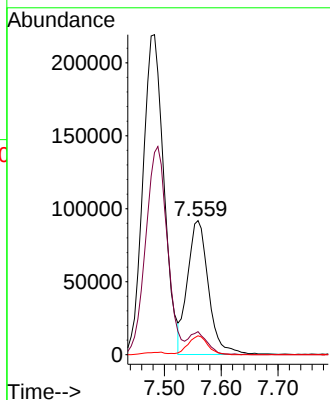
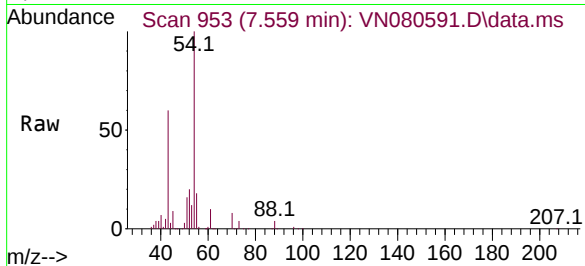




#37
Ethyl Acetate
Concen: 57.275 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

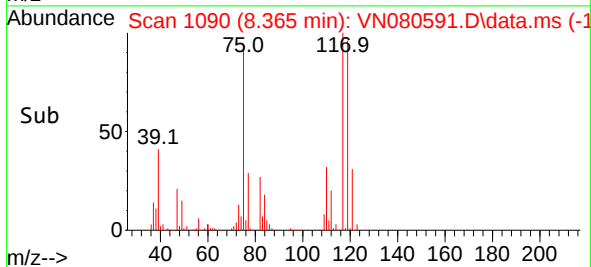
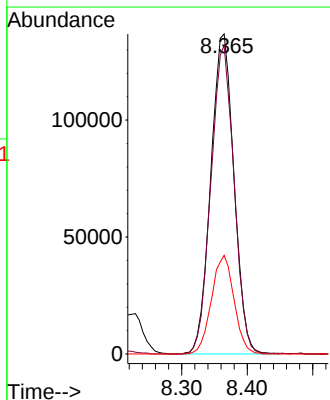
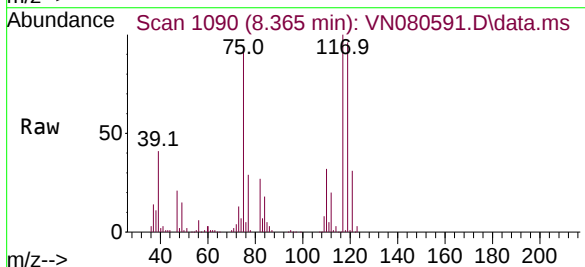
Instrument :
MSVOA_N
ClientSampleId :

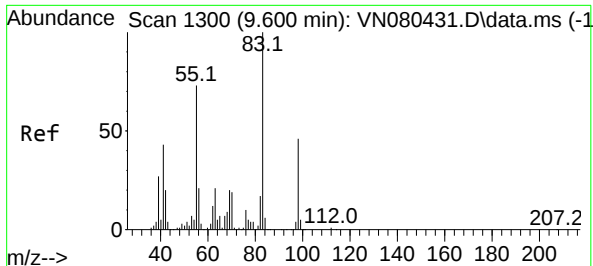
Tgt Ion: 43 Resp: 235686
Ion Ratio Lower Upper
43 100
61 14.9 13.2 19.8
70 13.2 11.3 16.9



#38
Carbon Tetrachloride
Concen: 42.670 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

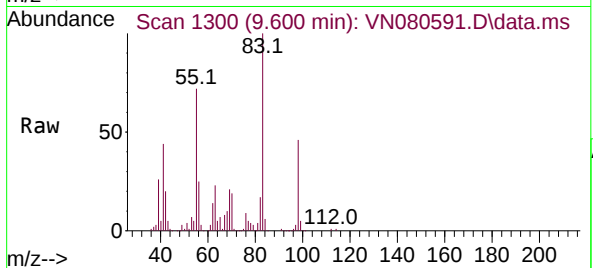
Tgt Ion: 117 Resp: 335042
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9
121 30.8 23.3 34.9



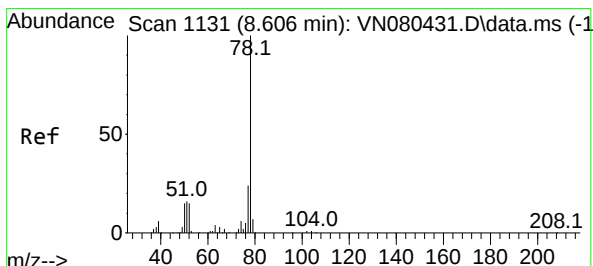
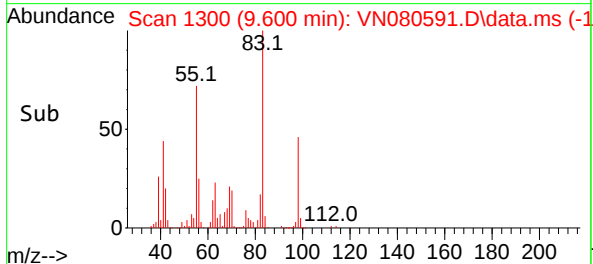
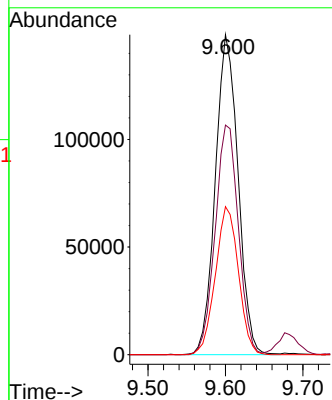


#39
Methylcyclohexane
Concen: 44.379 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Instrument :
MSVOA_N
ClientSampleId :

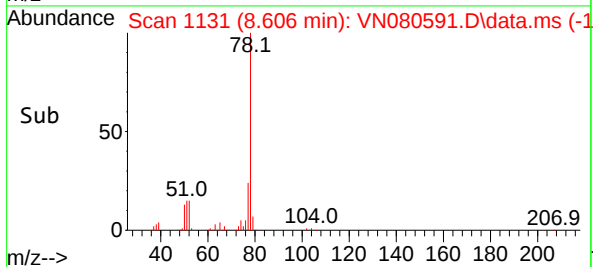
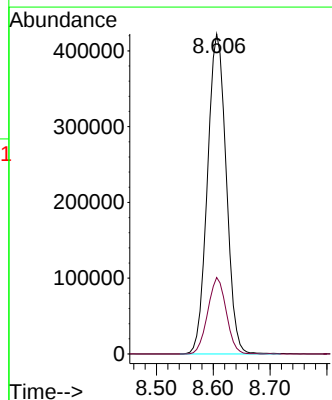
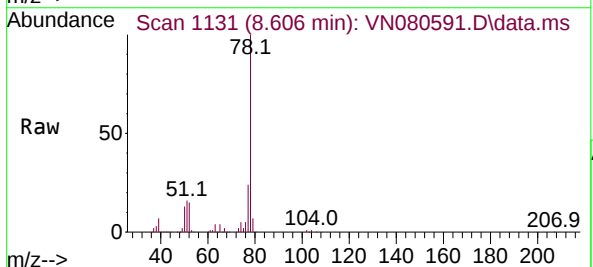


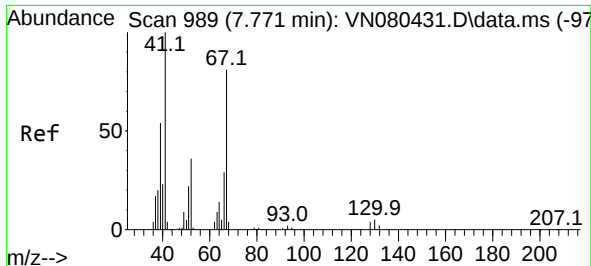
Tgt Ion: 83 Resp: 302958
Ion Ratio Lower Upper
83 100
55 71.8 49.1 73.7
98 46.2 40.6 61.0



#40
Benzene
Concen: 51.009 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

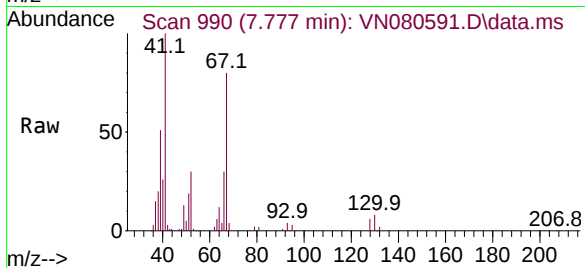
Tgt Ion: 78 Resp: 967926
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



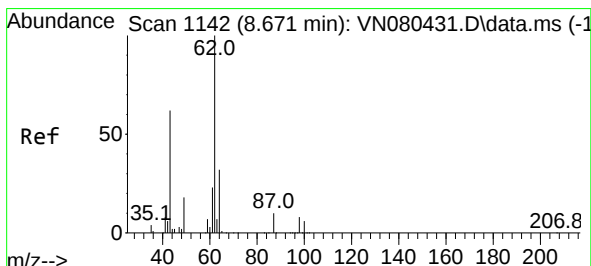
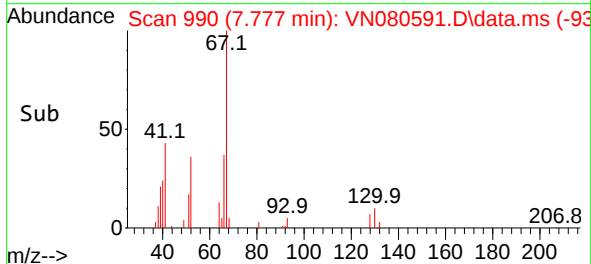
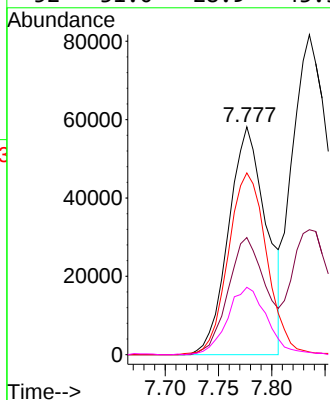


#41
Methacrylonitrile
Concen: 60.744 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Instrument :
MSVOA_N
ClientSampleId :

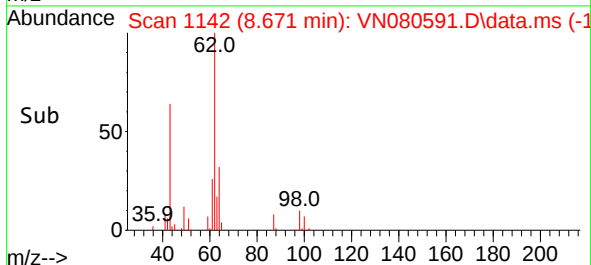
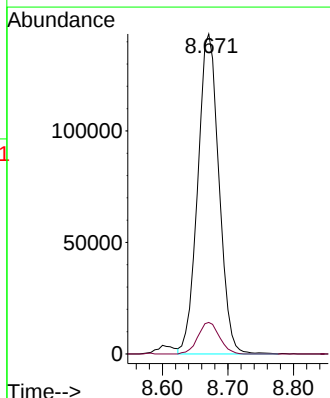
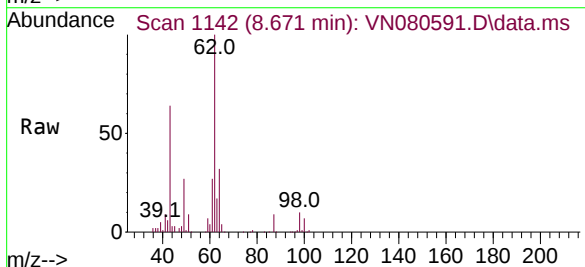


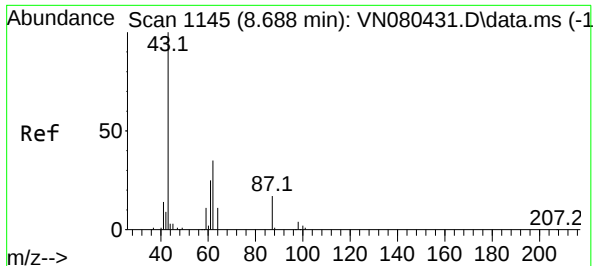
Tgt Ion: 41 Resp: 144103
Ion Ratio Lower Upper
41 100
39 51.4 42.6 64.0
67 81.3 77.5 116.3
52 31.0 28.9 43.3



#42
1,2-Dichloroethane
Concen: 45.979 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 62 Resp: 323092
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 57.553 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

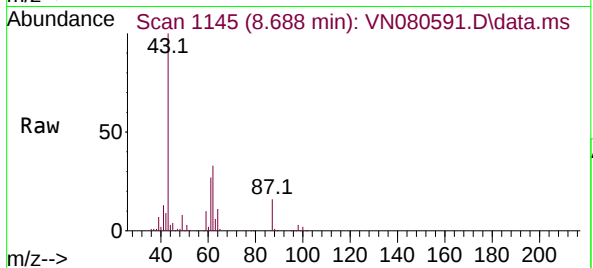
Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :



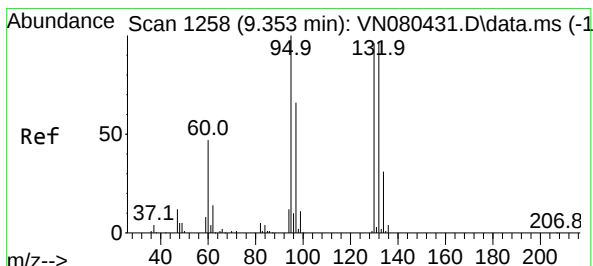
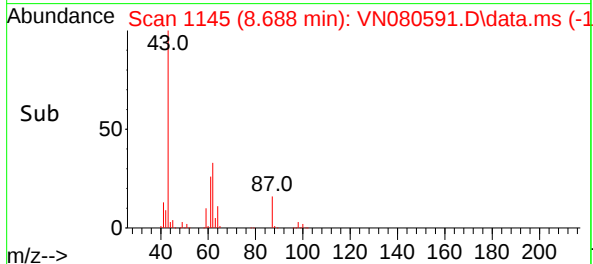
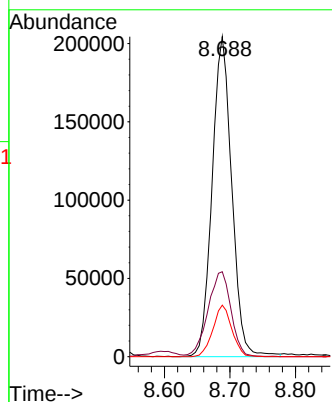
Tgt Ion: 43 Resp: 425826

Ion Ratio Lower Upper

43 100

61 31.1 24.7 37.1

87 15.5 14.6 21.8



#44

Trichloroethene

Concen: 48.053 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN080591.D

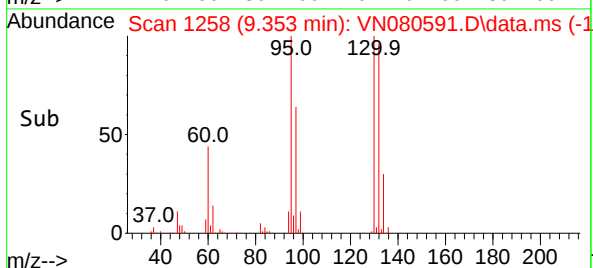
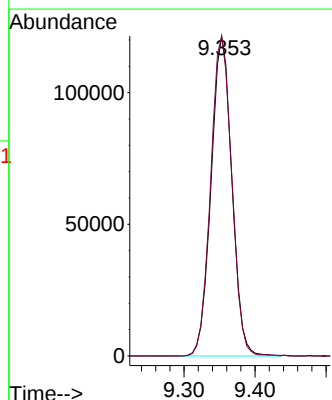
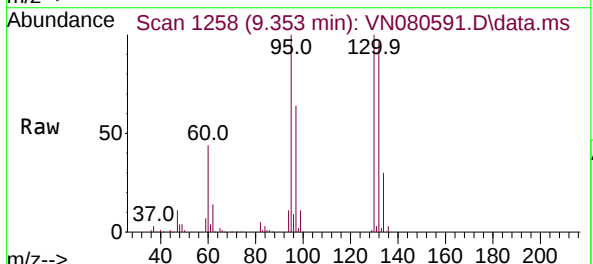
Acq: 21 Dec 2023 22:10

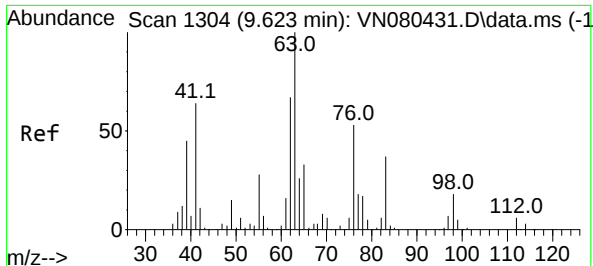
Tgt Ion:130 Resp: 245817

Ion Ratio Lower Upper

130 100

95 100.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 55.601 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

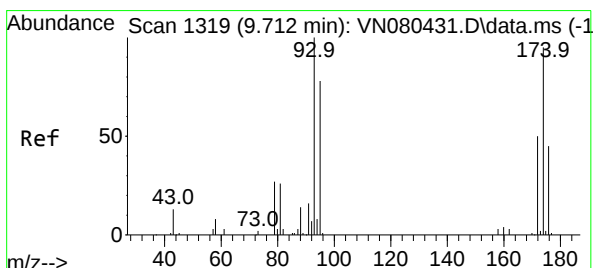
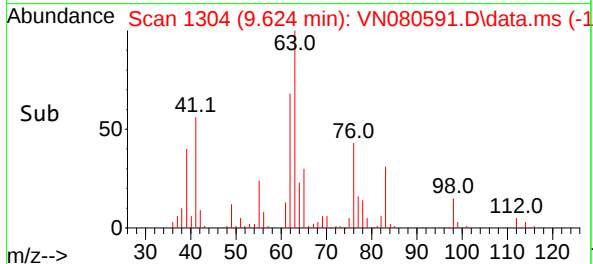
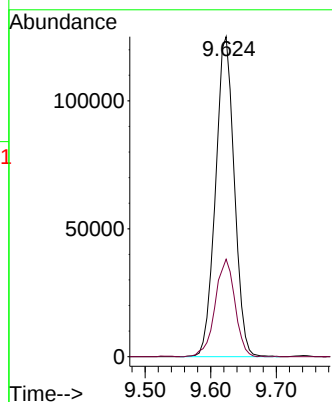
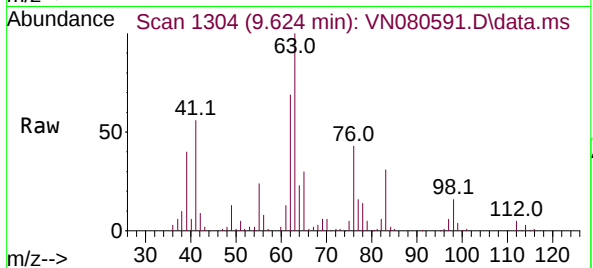
ClientSampleId :

Tgt Ion: 63 Resp: 247801

Ion Ratio Lower Upper

63 100

65 30.5 23.9 35.9



#46

Dibromomethane

Concen: 49.346 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

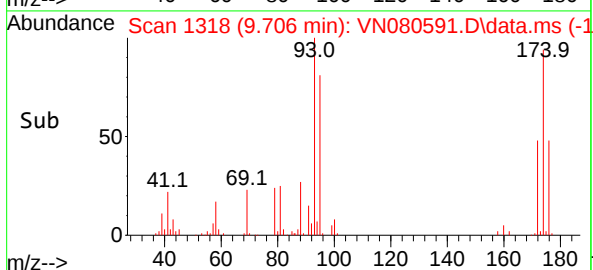
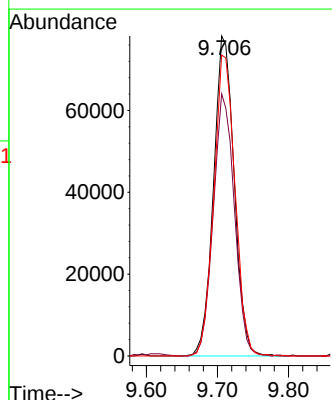
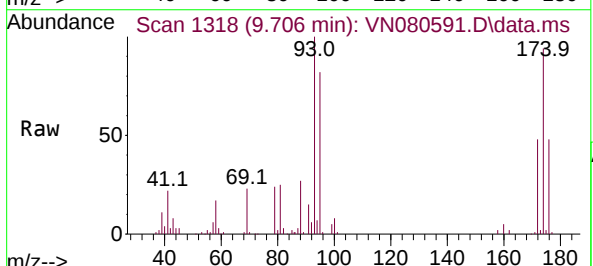
Tgt Ion: 93 Resp: 157938

Ion Ratio Lower Upper

93 100

95 83.6 63.8 95.8

174 96.4 65.6 98.4

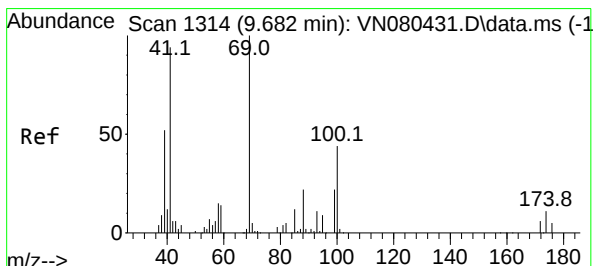
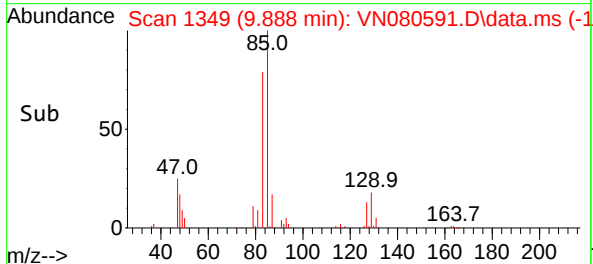
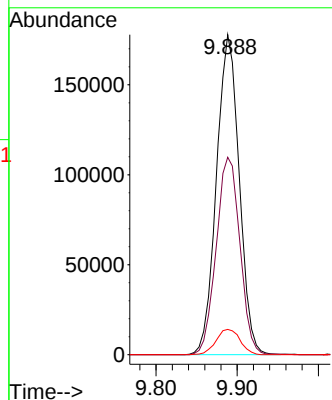
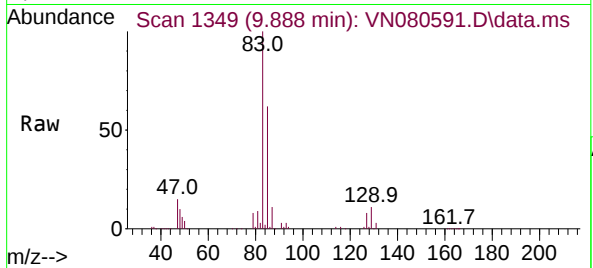




#47
Bromodichloromethane
Concen: 50.505 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

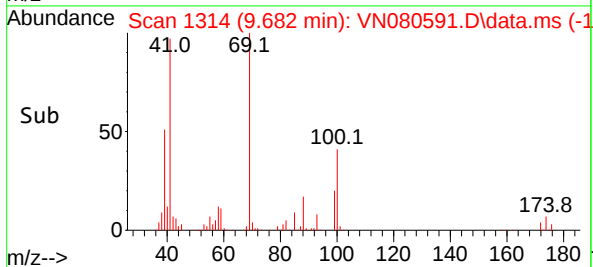
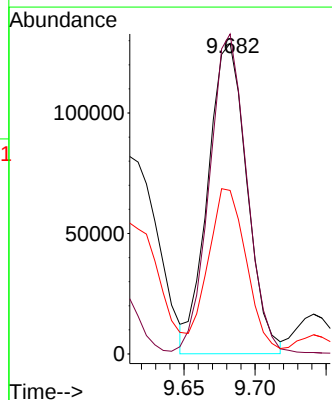
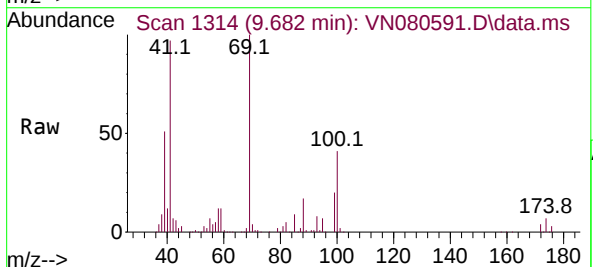
Instrument :
MSVOA_N
ClientSampleId :

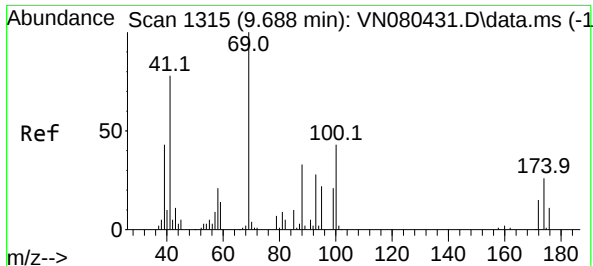
Tgt Ion: 83 Resp: 346435
Ion Ratio Lower Upper
83 100
85 61.7 49.6 74.4
127 7.9 7.0 10.6



#48
Methyl methacrylate
Concen: 55.850 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 41 Resp: 246595
Ion Ratio Lower Upper
41 100
69 99.2 90.4 135.6
39 52.2 54.6 81.8#





#49

1,4-Dioxane

Concen: 986.046 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

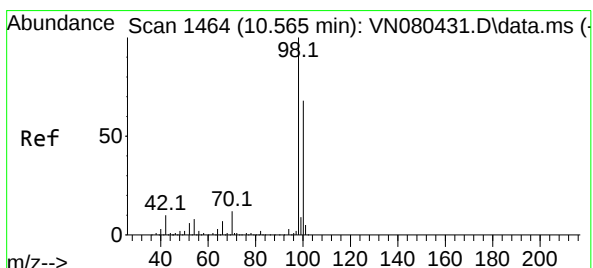
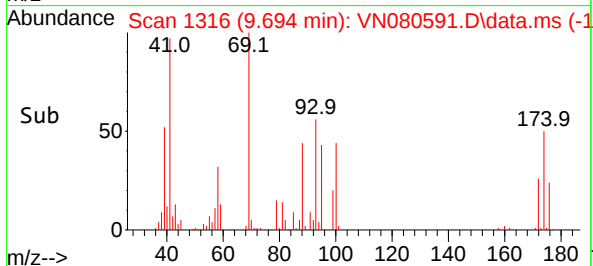
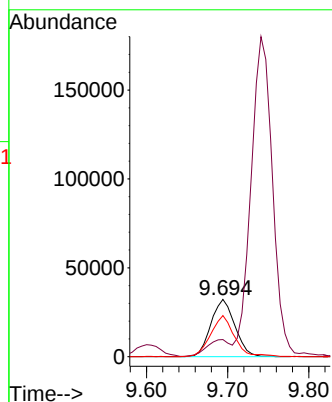
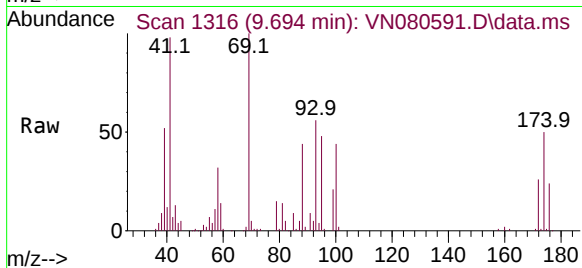
Tgt Ion: 88 Resp: 65990

Ion Ratio Lower Upper

88 100

43 28.8 17.0 25.6#

58 71.5 47.0 70.4#



#50

Toluene-d8

Concen: 47.950 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080591.D

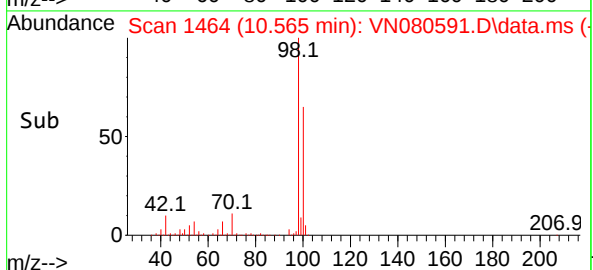
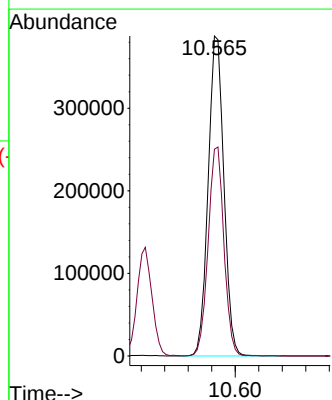
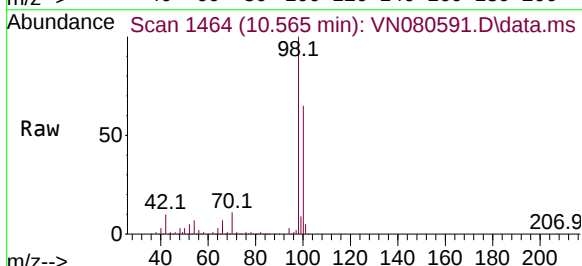
Acq: 21 Dec 2023 22:10

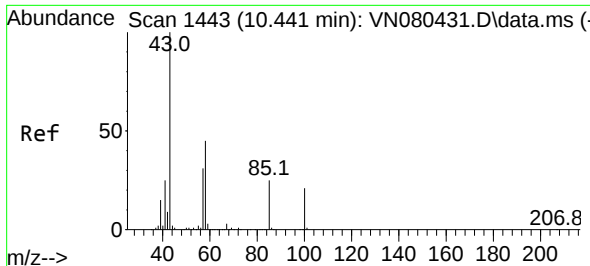
Tgt Ion: 98 Resp: 718704

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

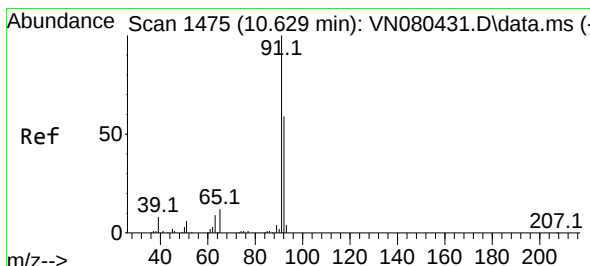
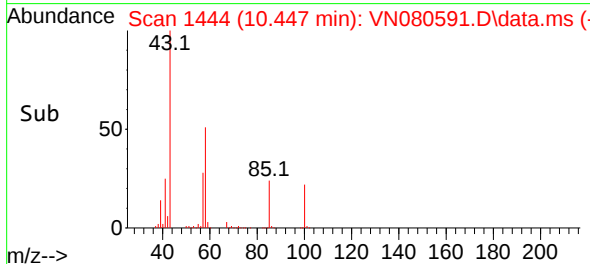
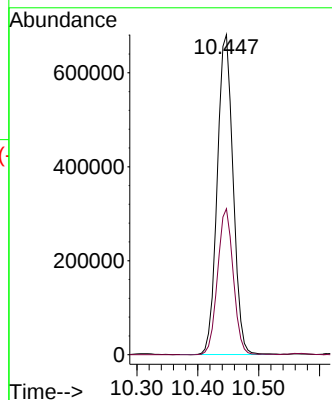
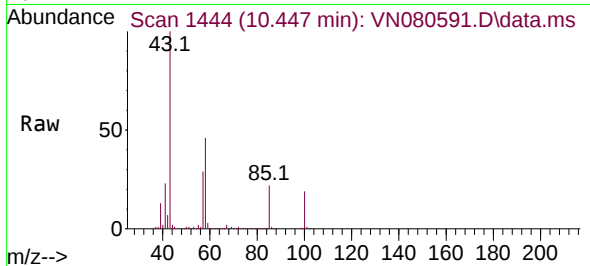




#51
4-Methyl-2-Pentanone
Concen: 301.424 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

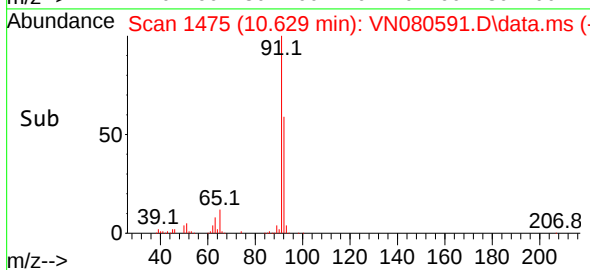
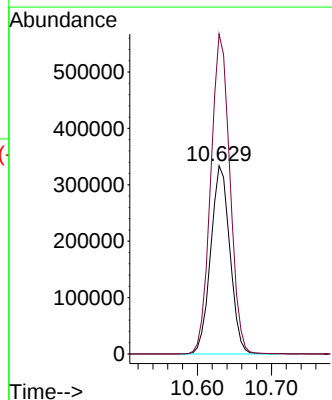
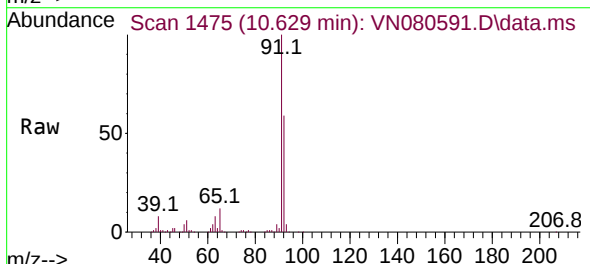
Instrument :
MSVOA_N
ClientSampleId :

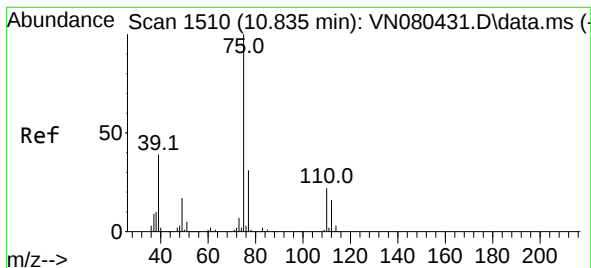
Tgt Ion: 43 Resp: 1228257
Ion Ratio Lower Upper
43 100
58 45.3 36.6 54.8



#52
Toluene
Concen: 50.005 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 92 Resp: 599432
Ion Ratio Lower Upper
92 100
91 170.4 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 48.686 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

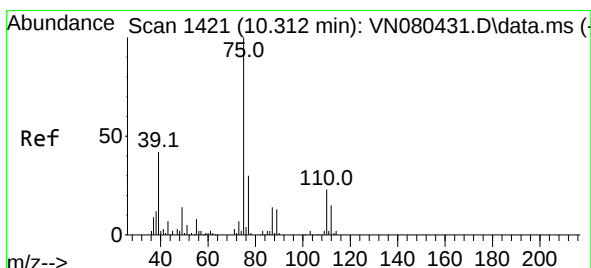
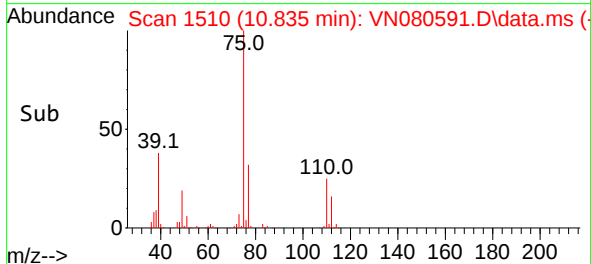
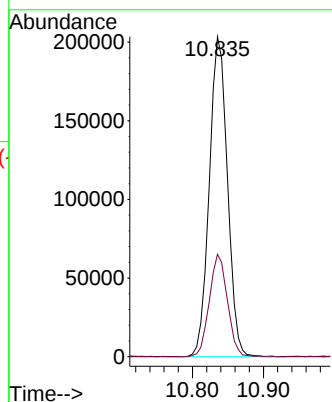
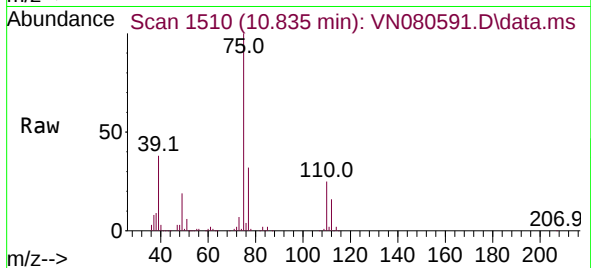
ClientSampleId :

Tgt Ion: 75 Resp: 361331

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.349 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

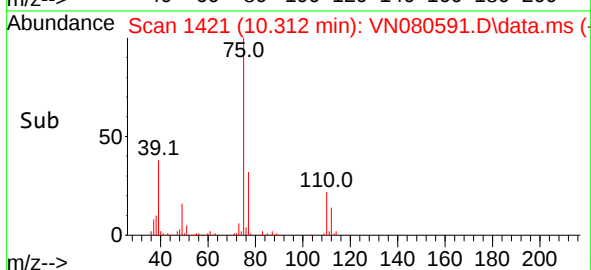
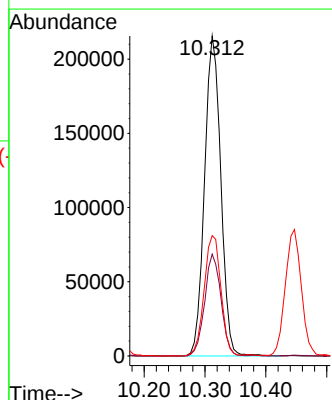
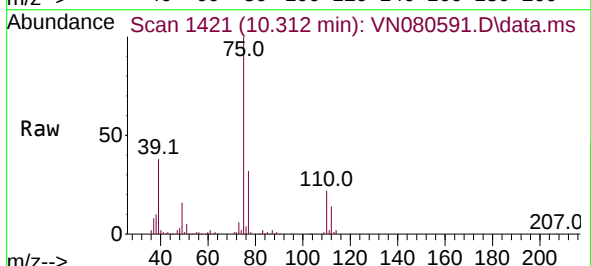
Tgt Ion: 75 Resp: 399399

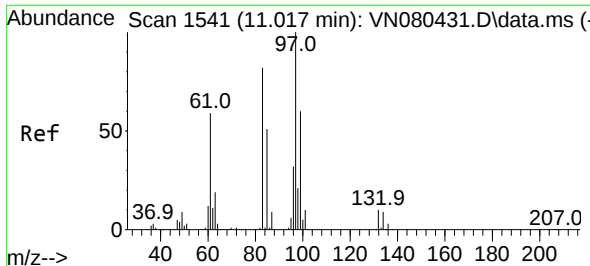
Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

39 37.6 31.6 47.4

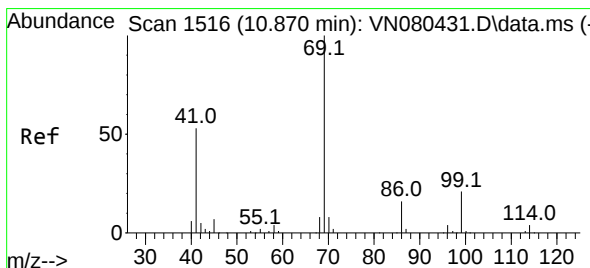
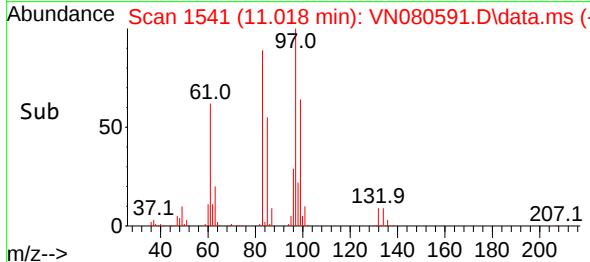
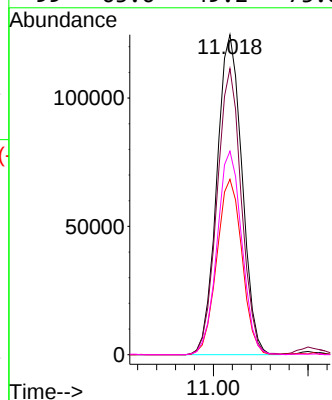
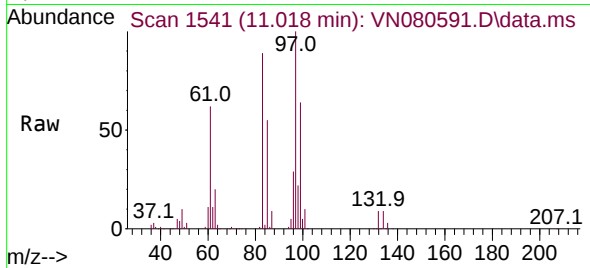




#55
1,1,2-Trichloroethane
Concen: 53.330 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

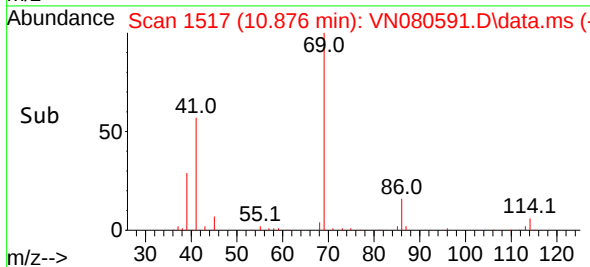
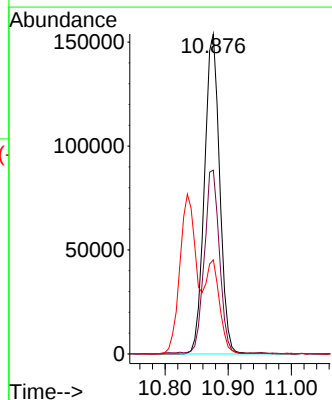
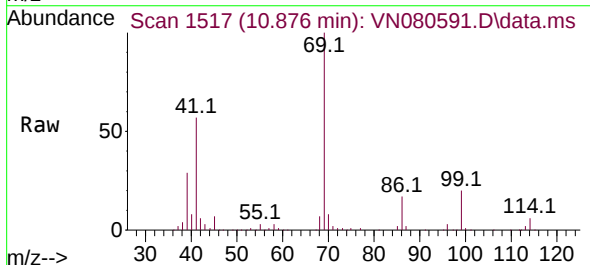
Instrument :
MSVOA_N
ClientSampleId :

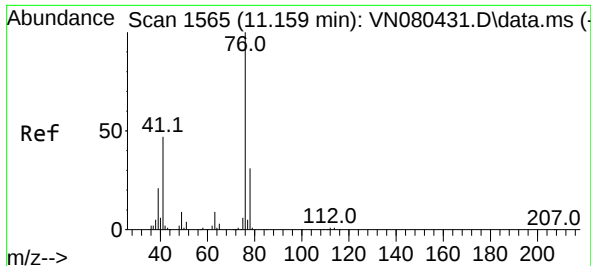
Tgt Ion:	97	Resp:	230033
Ion	Ratio	Lower	Upper
97	100		
83	89.4	65.1	97.7
85	54.8	43.4	65.2
99	63.6	49.2	73.8



#56
Ethyl methacrylate
Concen: 53.920 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion:	69	Resp:	257495
Ion	Ratio	Lower	Upper
69	100		
41	57.8	39.6	59.4
39	26.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 53.581 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

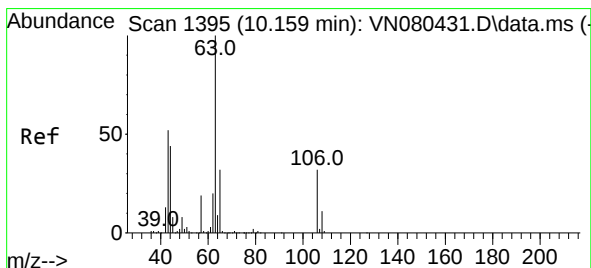
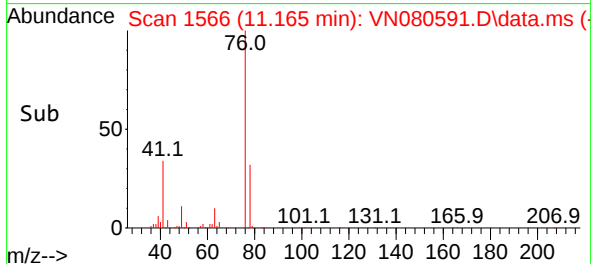
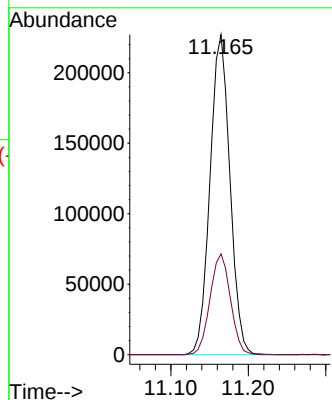
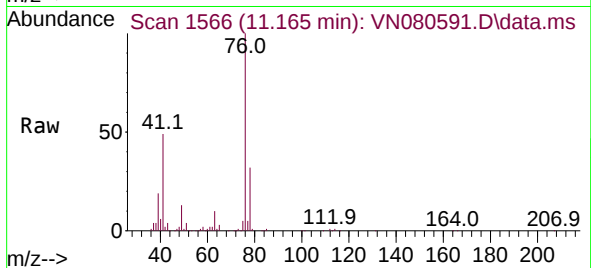
ClientSampleId :

Tgt Ion: 76 Resp: 405145

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 281.626 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080591.D

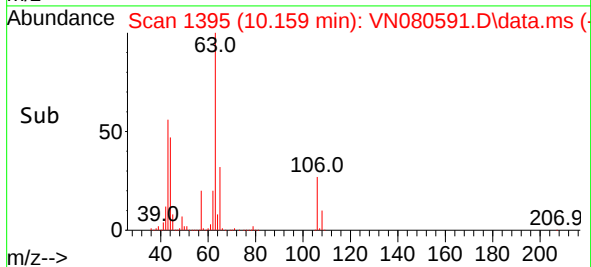
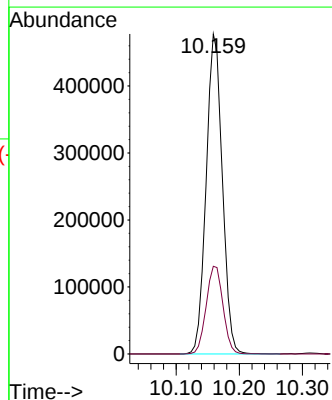
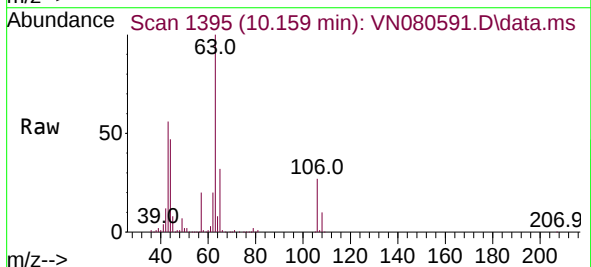
Acq: 21 Dec 2023 22:10

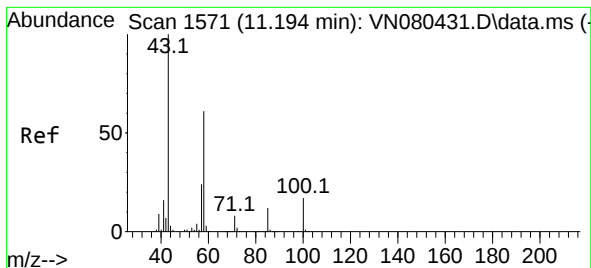
Tgt Ion: 63 Resp: 849040

Ion Ratio Lower Upper

63 100

106 28.4 26.2 39.4

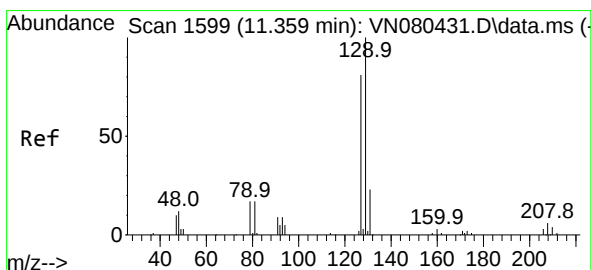
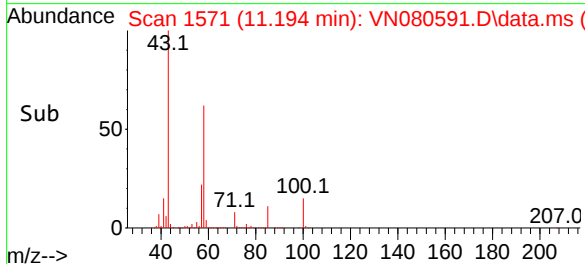
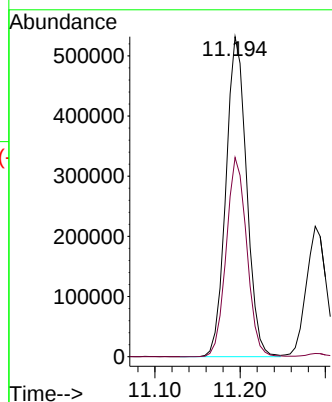
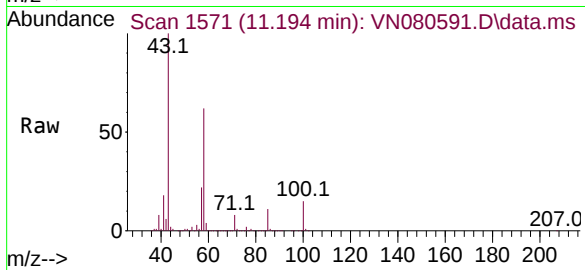




#59
2-Hexanone
Concen: 297.329 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

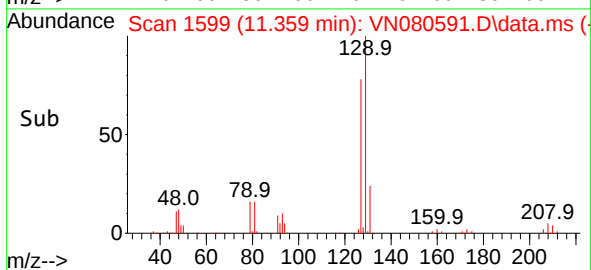
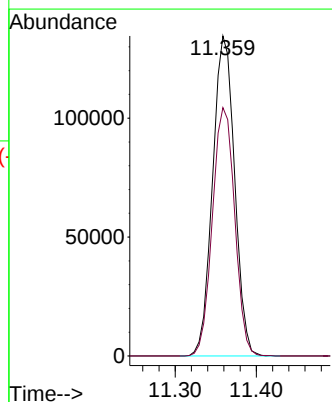
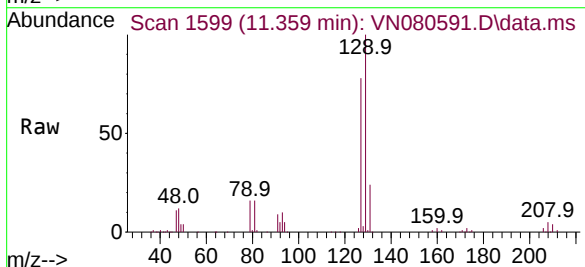
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 894438
Ion Ratio Lower Upper
43 100
58 61.9 31.7 95.1



#60
Dibromochloromethane
Concen: 49.536 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion:129 Resp: 253189
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0

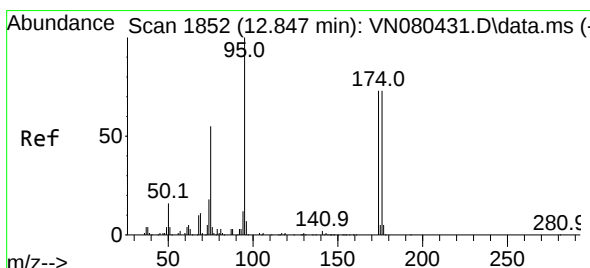
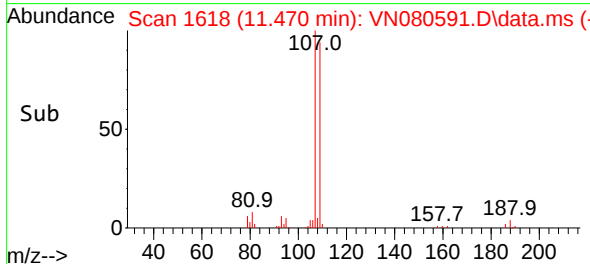
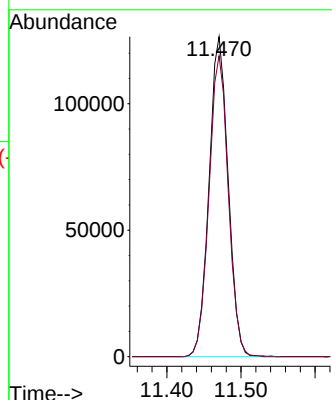
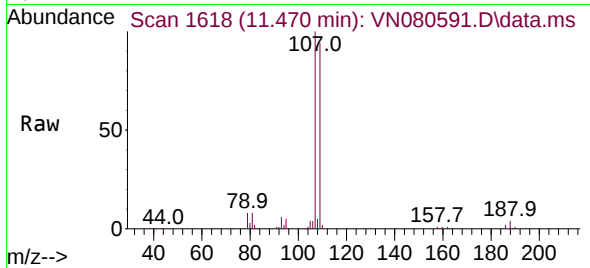




#61
1,2-Dibromoethane
Concen: 50.761 ug/l
RT: 11.470 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

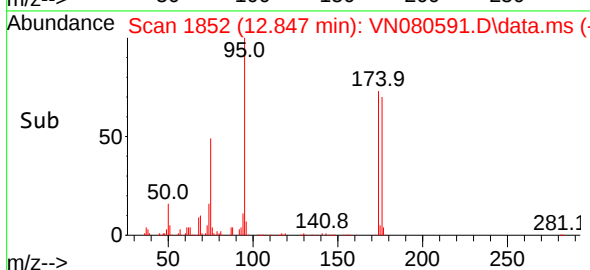
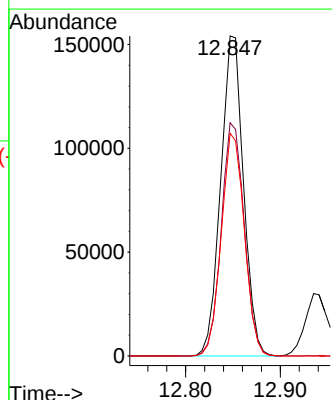
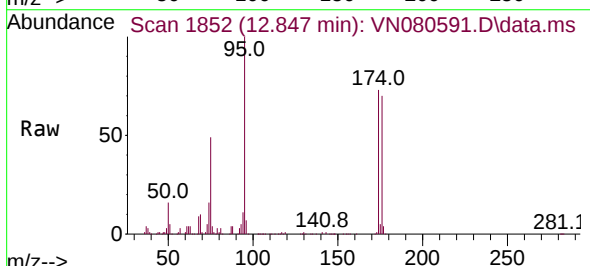
Instrument :
MSVOA_N
ClientSampleId :

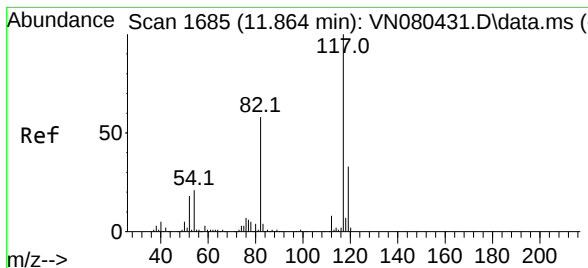
Tgt Ion:107 Resp: 226609
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 45.339 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 95 Resp: 258054
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 70.3 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: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

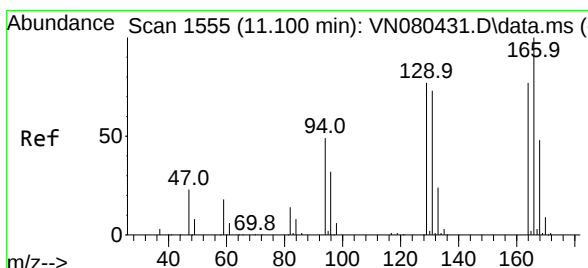
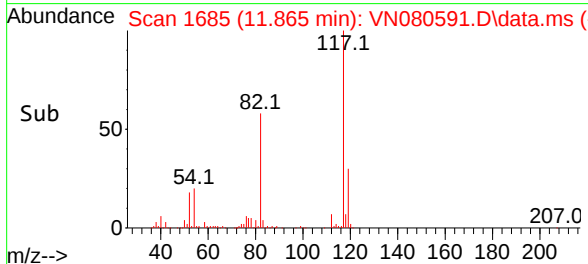
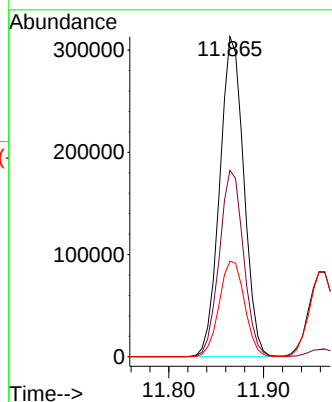
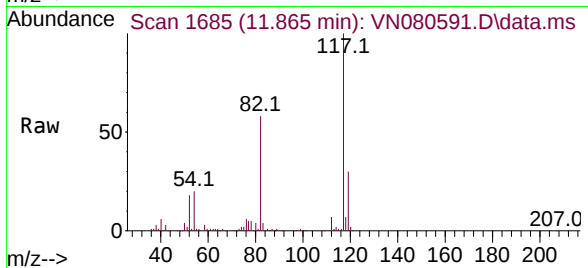
Tgt Ion:117 Resp: 553894

Ion Ratio Lower Upper

117 100

82 58.2 44.0 66.0

119 29.9 25.6 38.4



#64

Tetrachloroethene

Concen: 45.313 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Tgt Ion:164 Resp: 193785

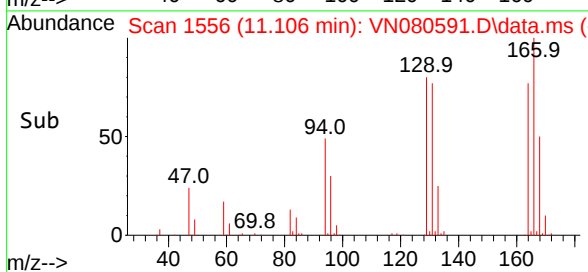
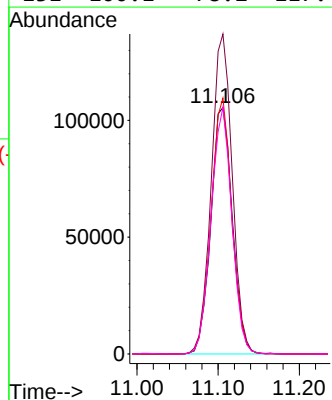
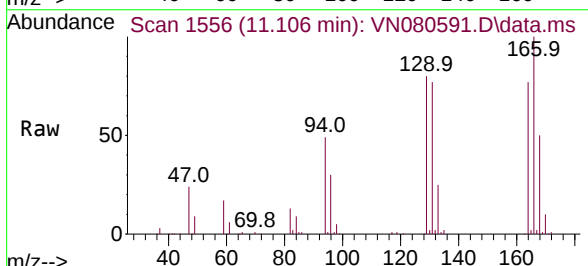
Ion Ratio Lower Upper

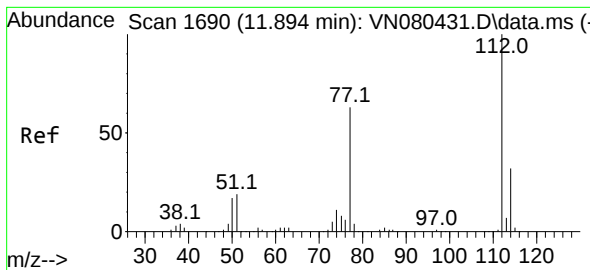
164 100

166 129.9 101.4 152.0

129 103.8 82.4 123.6

131 100.1 78.2 117.4





#65

Chlorobenzene

Concen: 49.871 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

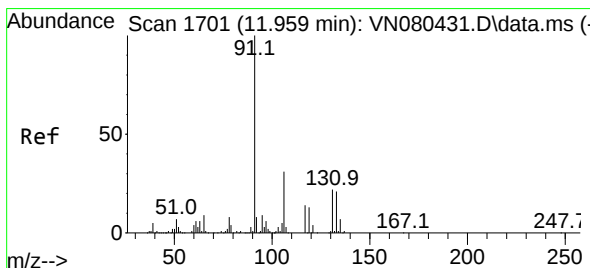
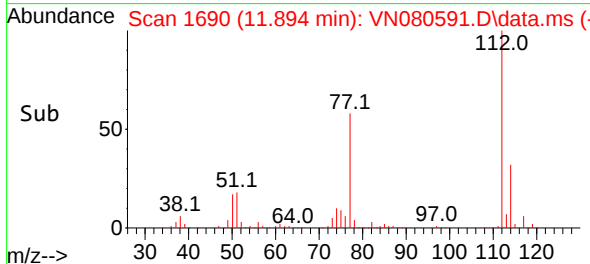
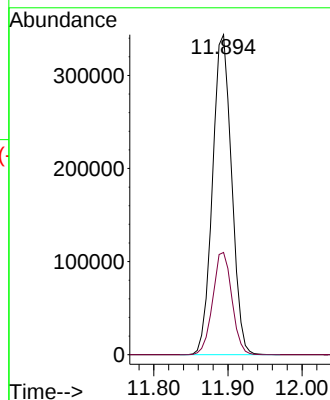
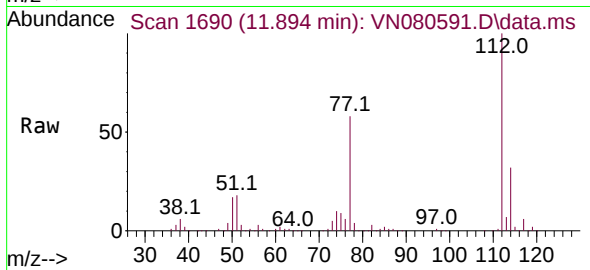
ClientSampleId :

Tgt Ion:112 Resp: 614487

Ion Ratio Lower Upper

112 100

114 31.9 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 48.551 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

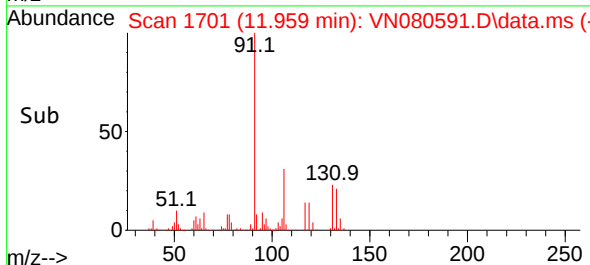
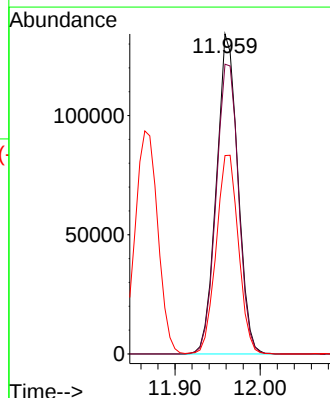
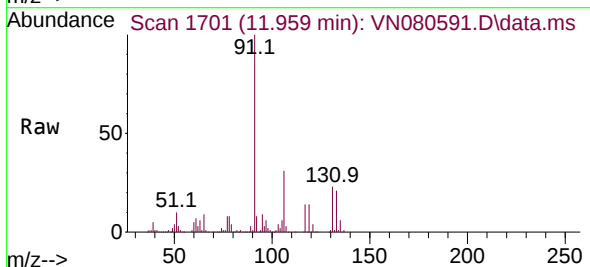
Tgt Ion:131 Resp: 234732

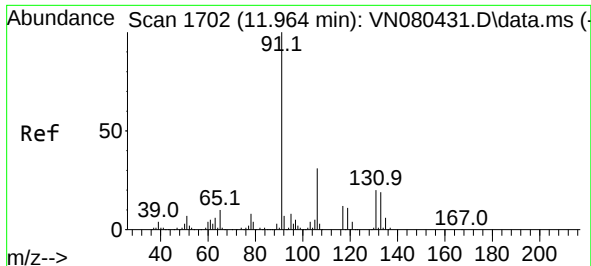
Ion Ratio Lower Upper

131 100

133 94.6 46.4 139.1

119 64.6 34.1 102.2

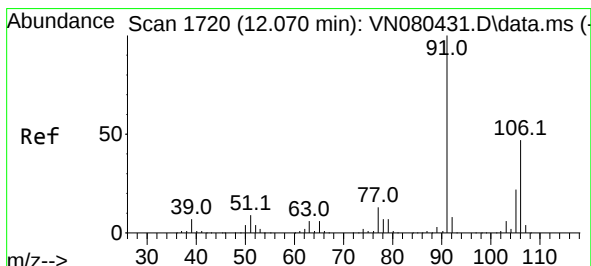
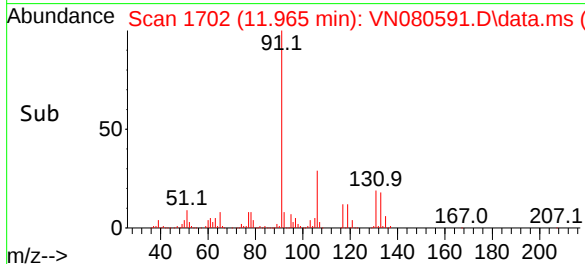
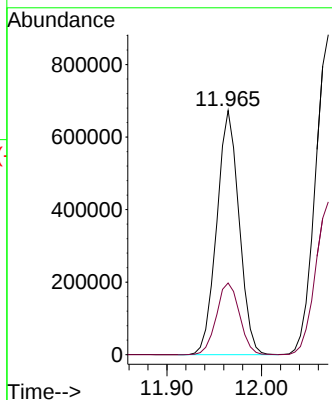
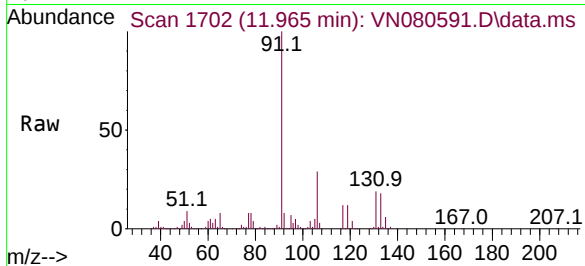




#67
Ethyl Benzene
Concen: 48.693 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

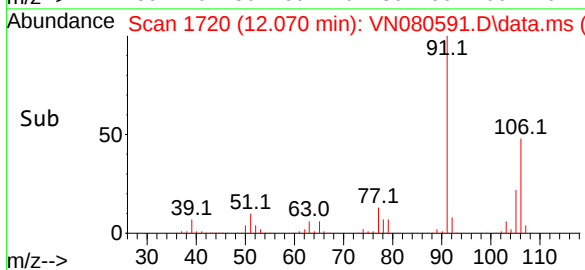
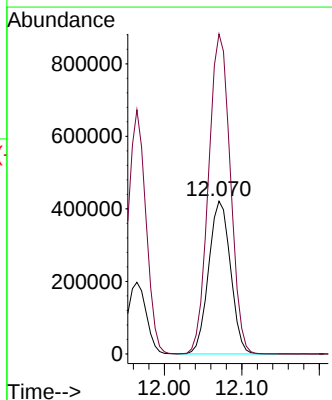
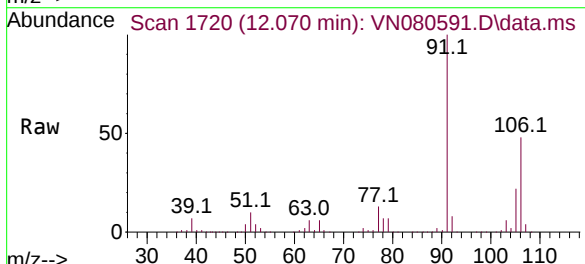
Instrument :
MSVOA_N
ClientSampleId :

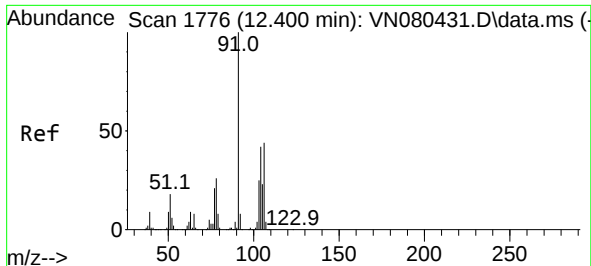
Tgt Ion: 91 Resp: 1103203
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4



#68
m/p-Xylenes
Concen: 98.863 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion:106 Resp: 827677
Ion Ratio Lower Upper
106 100
91 208.8 159.6 239.4

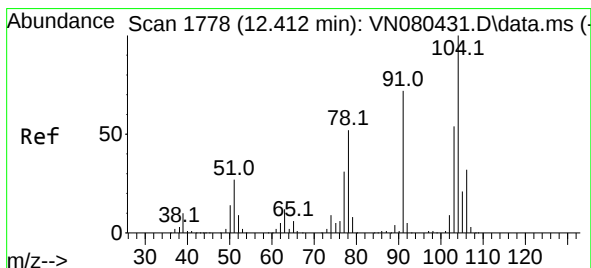
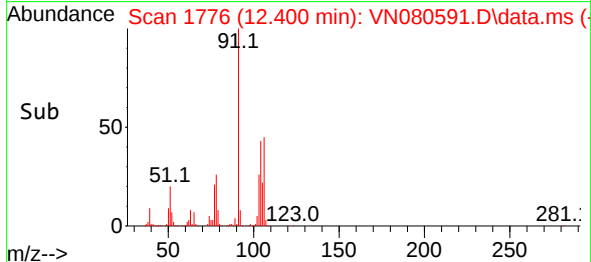
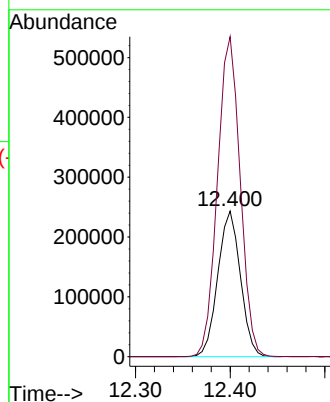
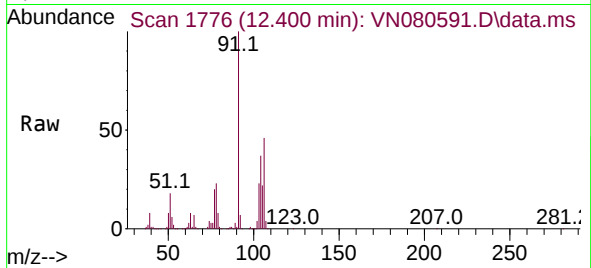




#69
o-Xylene
Concen: 49.243 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

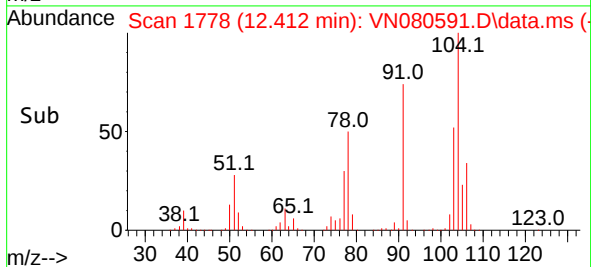
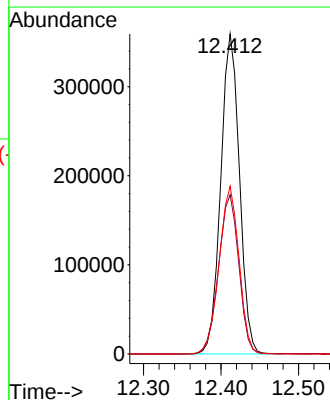
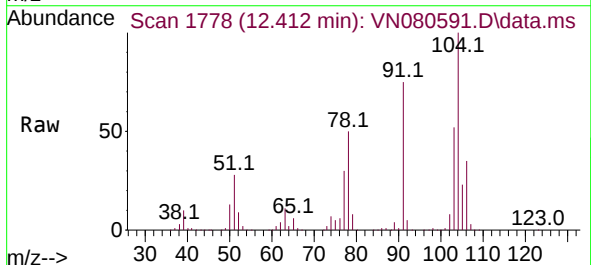
Instrument :
MSVOA_N
ClientSampleId :

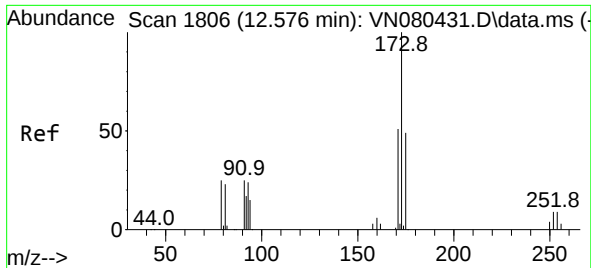
Tgt Ion:106 Resp: 403237
Ion Ratio Lower Upper
106 100
91 221.2 105.2 315.5



#70
Styrene
Concen: 51.215 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion:104 Resp: 604094
Ion Ratio Lower Upper
104 100
78 53.6 39.5 59.3
103 55.6 43.2 64.8

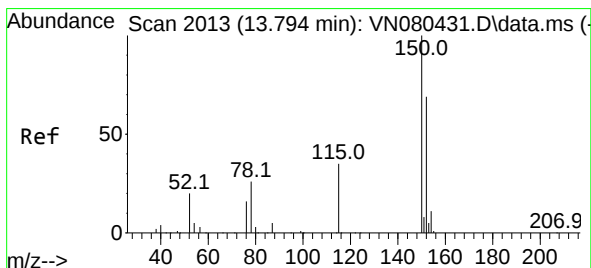
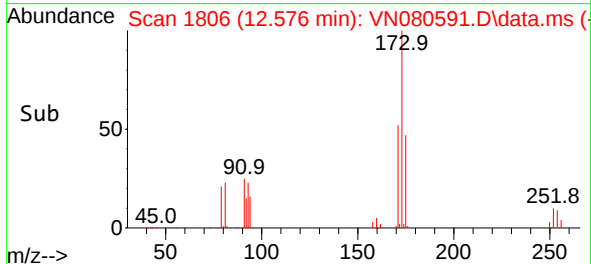
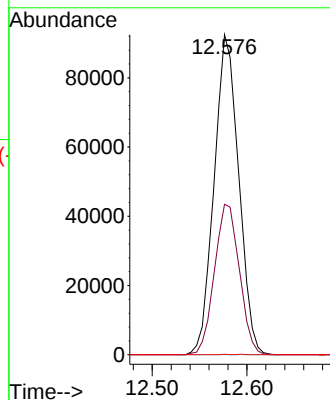
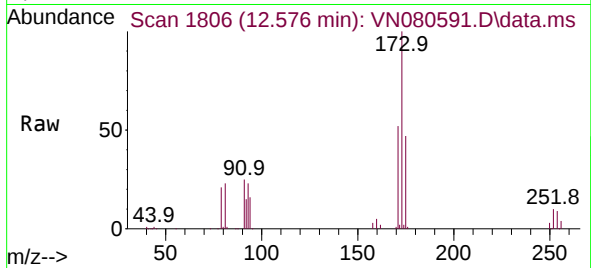




#71
Bromoform
Concen: 47.298 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

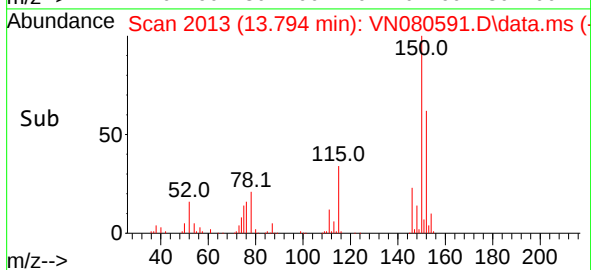
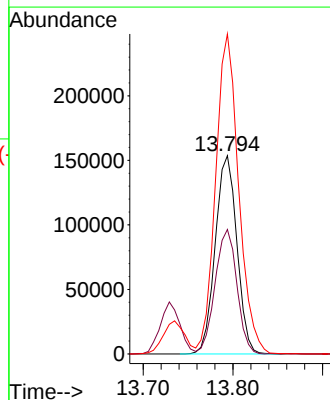
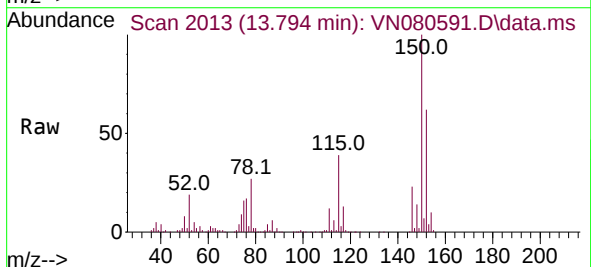
Instrument :
MSVOA_N
ClientSampleId :

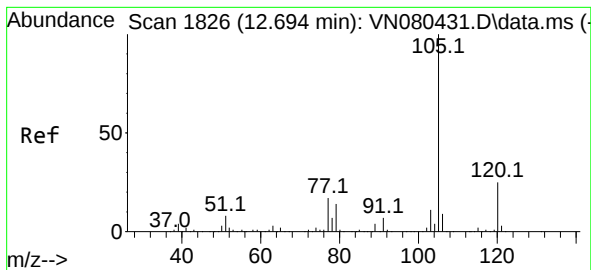
Tgt Ion:173 Resp: 166760
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion:152 Resp: 257177
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 171.7 0.0 355.8





#73

Isopropylbenzene

Concen: 49.621 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

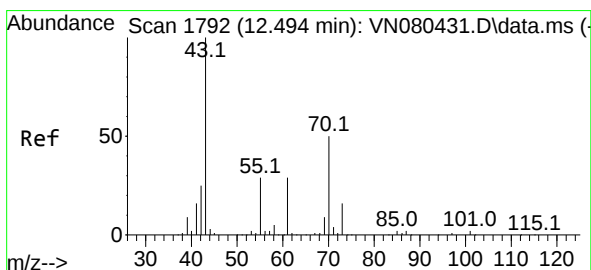
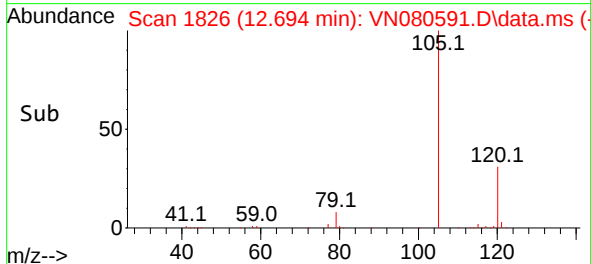
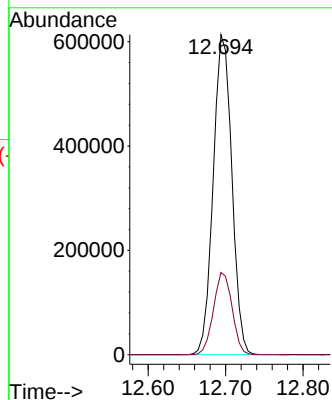
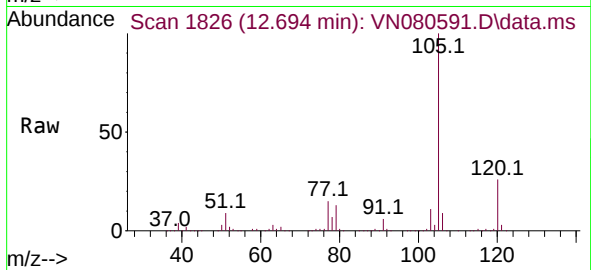
ClientSampleId :

Tgt Ion:105 Resp: 1025154

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 59.383 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Tgt Ion: 43 Resp: 358260

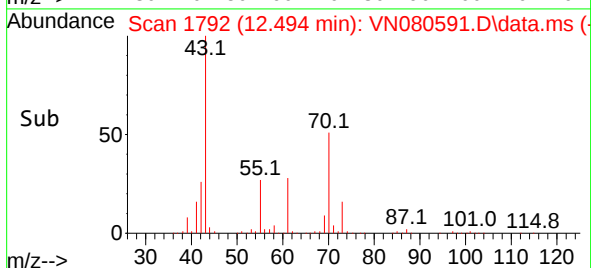
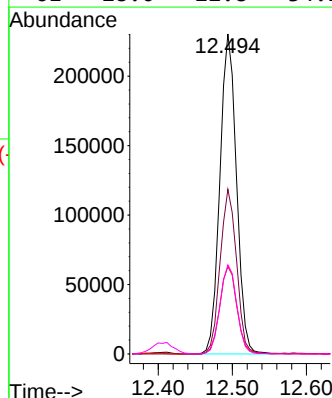
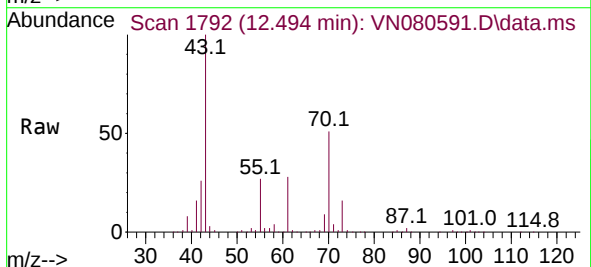
Ion Ratio Lower Upper

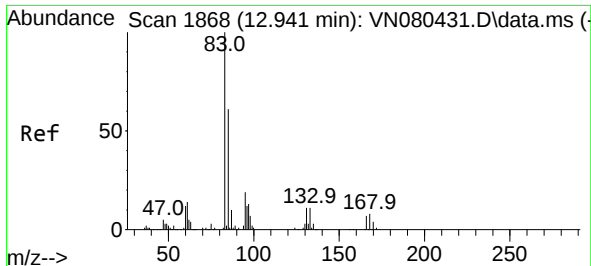
43 100

70 50.9 43.4 65.2

55 28.2 21.4 32.0

61 28.0 22.8 34.2

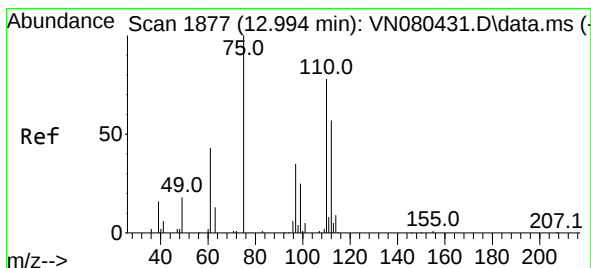
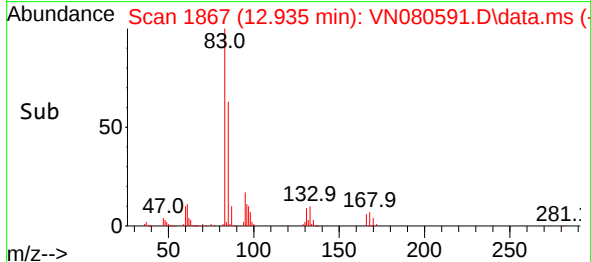
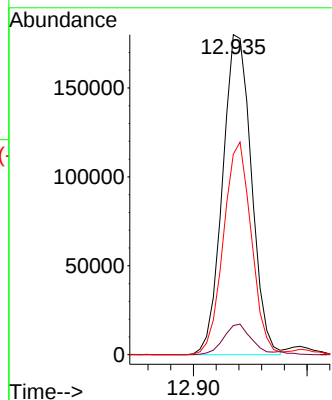
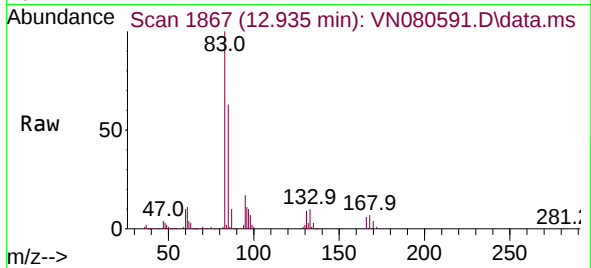




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.429 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN080591.D
 Acq: 21 Dec 2023 22:10

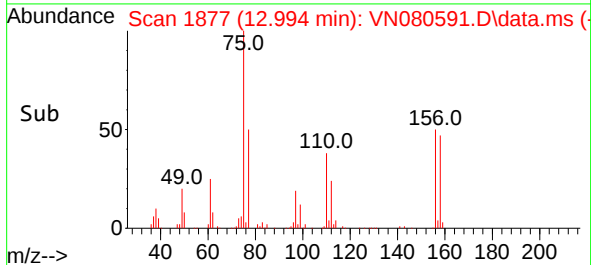
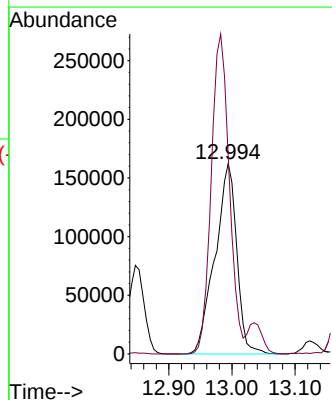
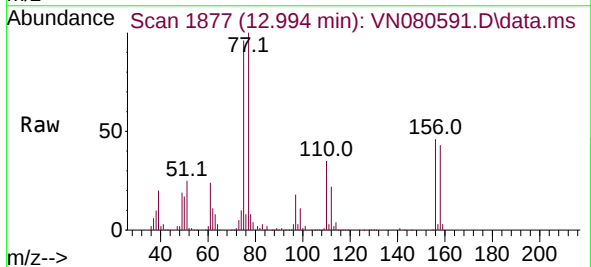
Instrument :
 MSVOA_N
 ClientSampleId :

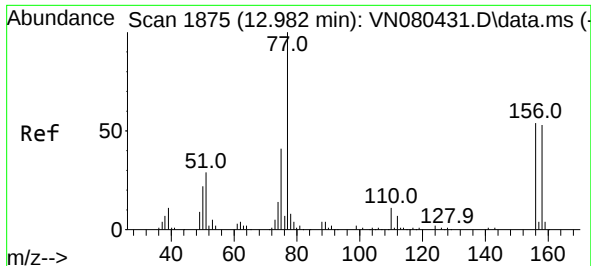
Tgt Ion: 83 Resp: 317929
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.0 15.0
 85 64.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 75.478 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080591.D
 Acq: 21 Dec 2023 22:10

Tgt Ion: 75 Resp: 387246
 Ion Ratio Lower Upper
 75 100
 77 139.4 84.5 253.5

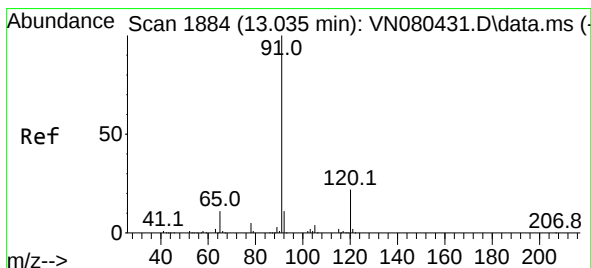
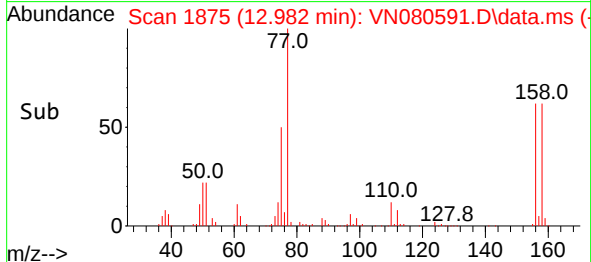
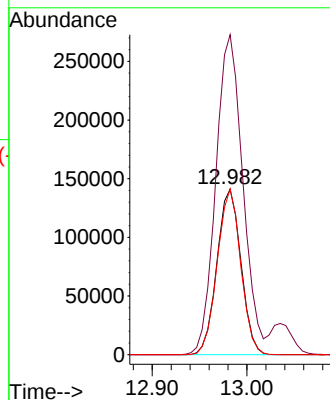
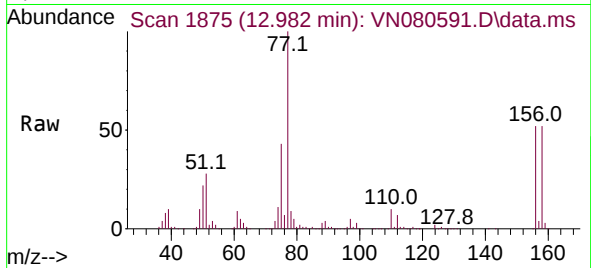




#77
Bromobenzene
Concen: 48.849 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

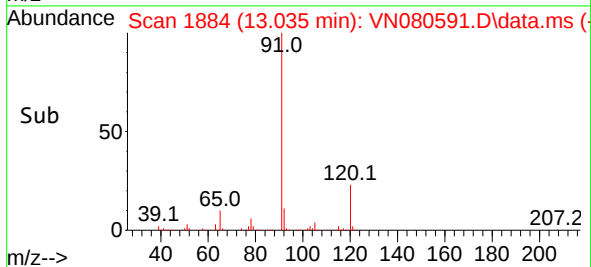
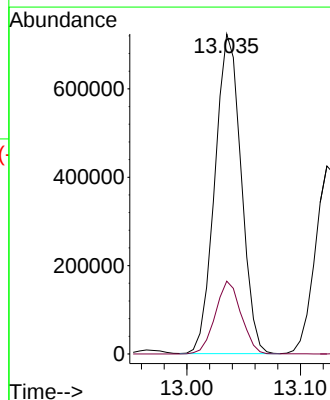
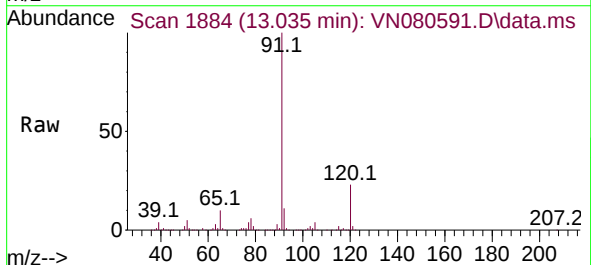
Instrument :
MSVOA_N
ClientSampleId :

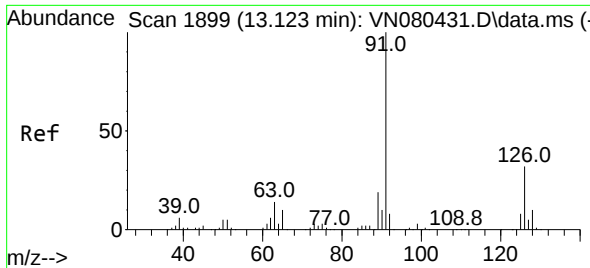
Tgt Ion:156 Resp: 248261
Ion Ratio Lower Upper
156 100
77 217.5 107.7 323.3
158 97.7 48.4 145.3



#78
n-propylbenzene
Concen: 51.042 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 91 Resp: 1162668
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4

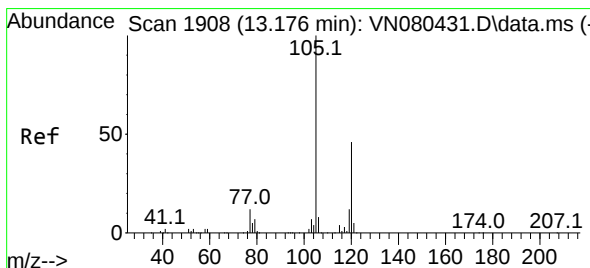
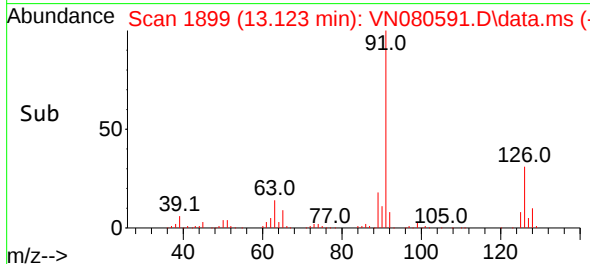
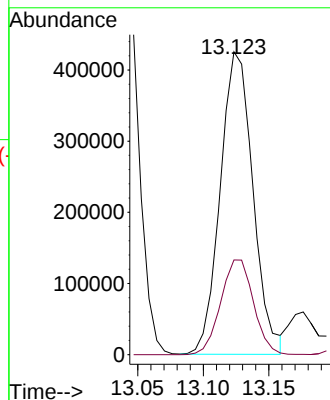
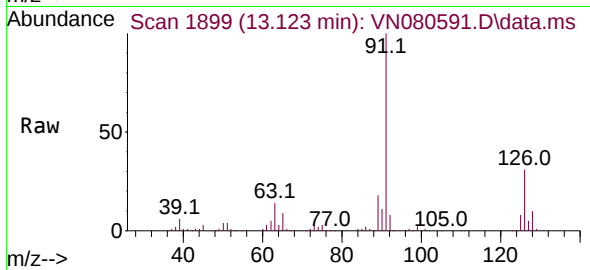




#79
2-Chlorotoluene
Concen: 49.571 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

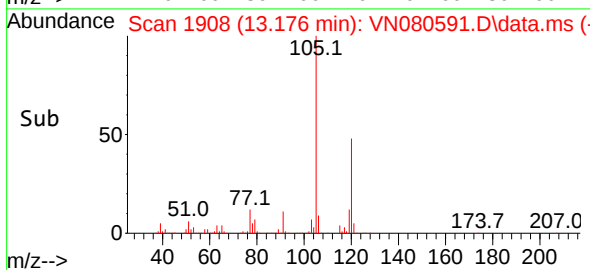
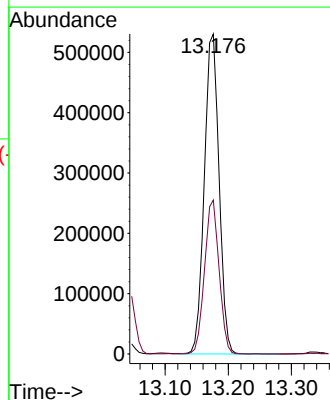
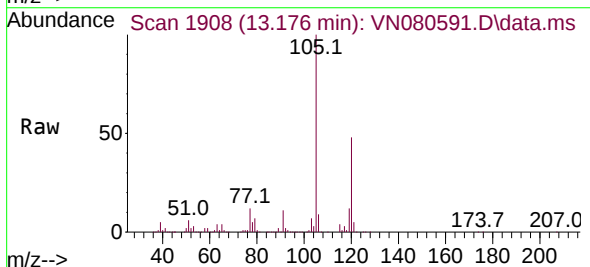
Instrument :
MSVOA_N
ClientSampleId :

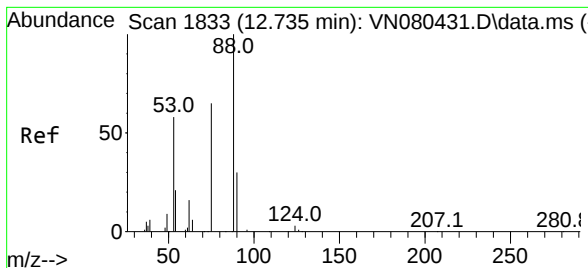
Tgt Ion: 91 Resp: 737177
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 48.436 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion: 105 Resp: 861838
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3

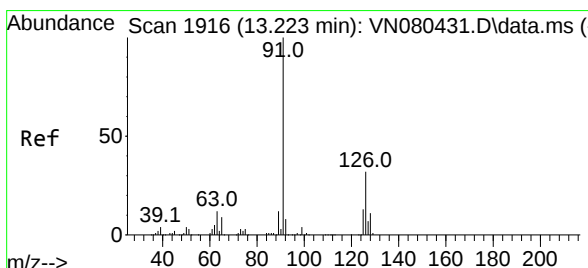
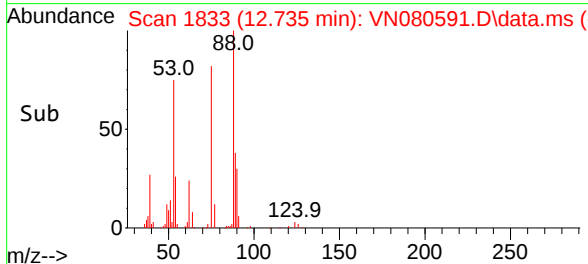
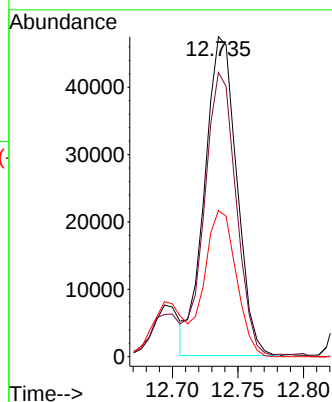
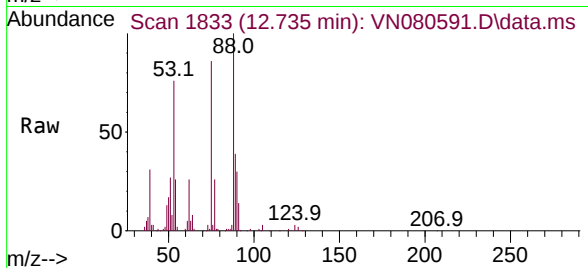




#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.346 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: VN080591.D
 Acq: 21 Dec 2023 22:10

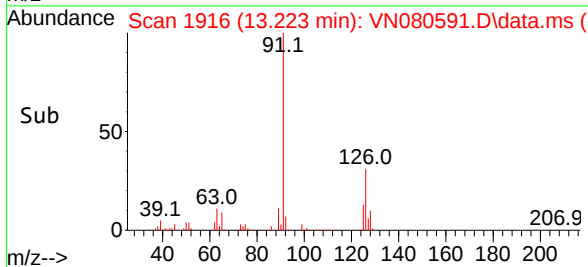
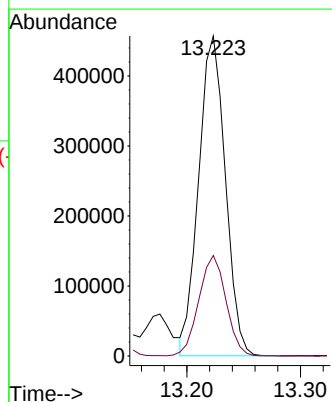
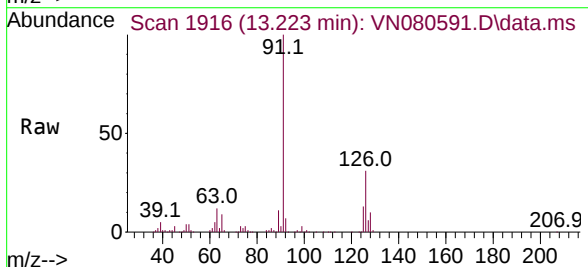
Instrument :
 MSVOA_N
 ClientSampleId :

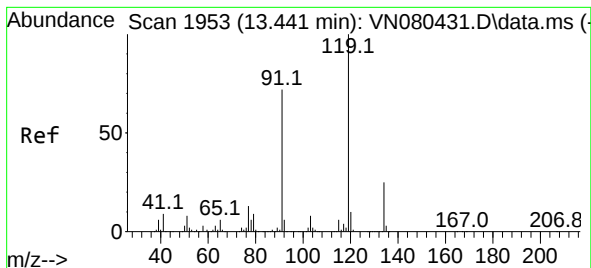
Tgt Ion: 75 Resp: 80793
 Ion Ratio Lower Upper
 75 100
 53 87.5 67.4 101.2
 89 45.1 38.8 58.2



#82
 4-Chlorotoluene
 Concen: 48.762 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN080591.D
 Acq: 21 Dec 2023 22:10

Tgt Ion: 91 Resp: 745365
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 48.128 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

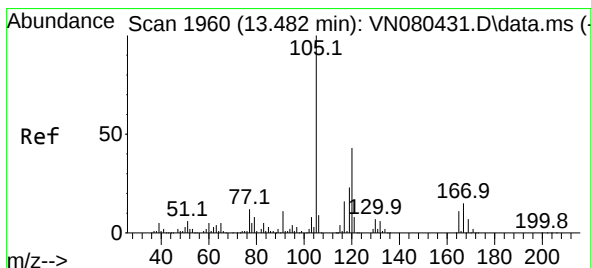
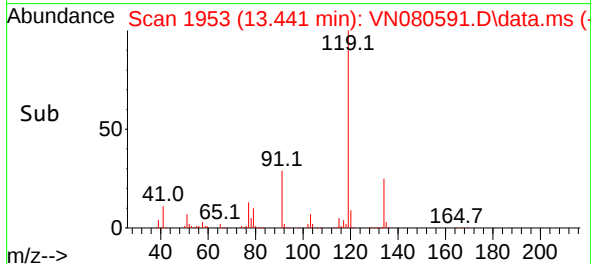
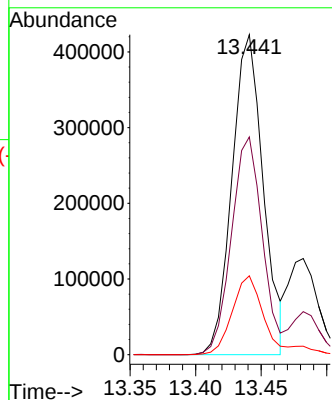
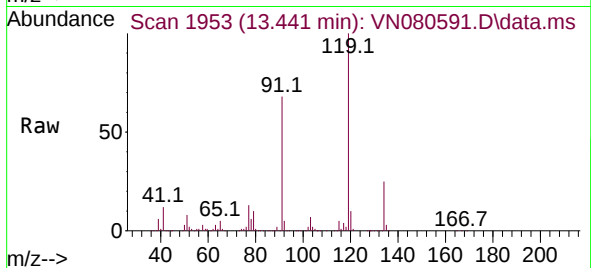
Tgt Ion:119 Resp: 701316

Ion Ratio Lower Upper

119 100

91 67.2 33.9 101.7

134 26.1 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 49.616 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080591.D

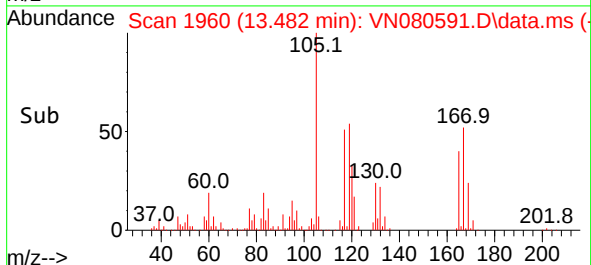
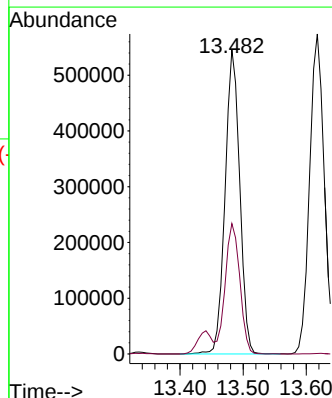
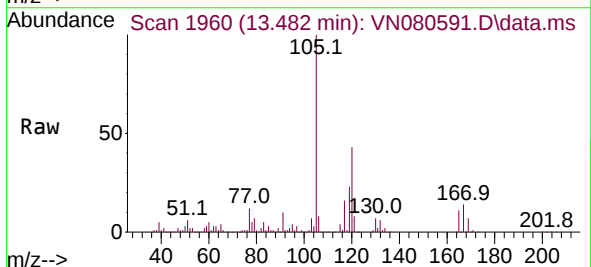
Acq: 21 Dec 2023 22:10

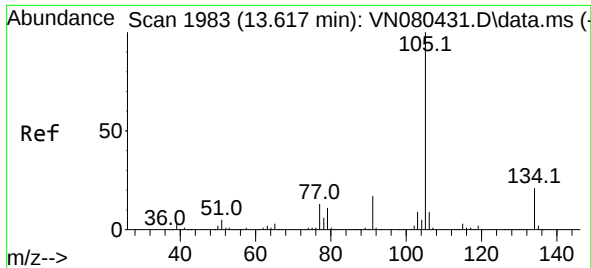
Tgt Ion:105 Resp: 878265

Ion Ratio Lower Upper

105 100

120 43.1 22.0 66.0

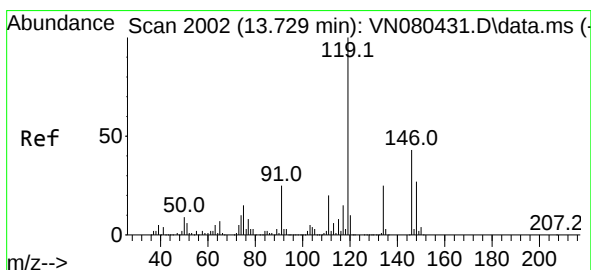
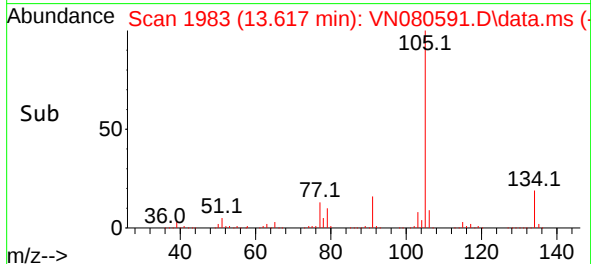
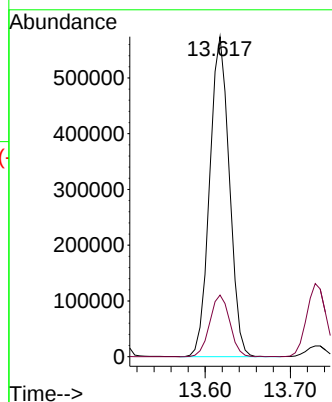
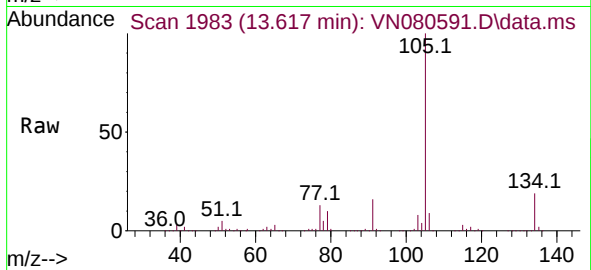




#85
 sec-Butylbenzene
 Concen: 49.322 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080591.D
 Acq: 21 Dec 2023 22:10

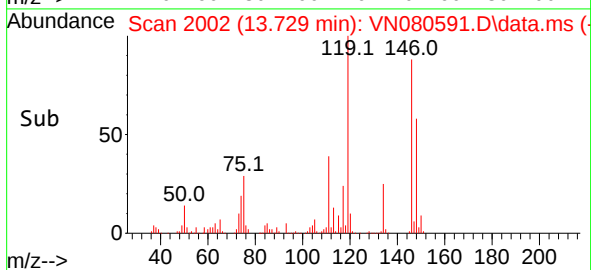
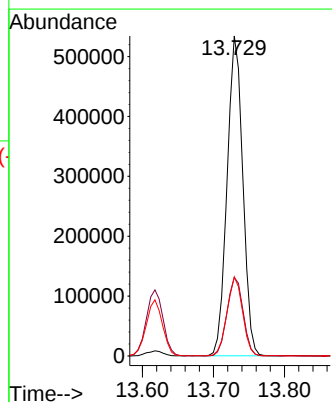
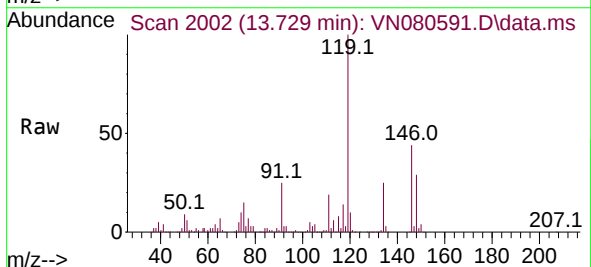
Instrument :
 MSVOA_N
 ClientSampleId :

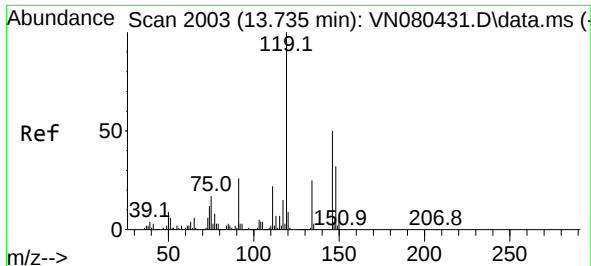
Tgt Ion:105 Resp: 919394
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.715 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080591.D
 Acq: 21 Dec 2023 22:10

Tgt Ion:119 Resp: 819934
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.959 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

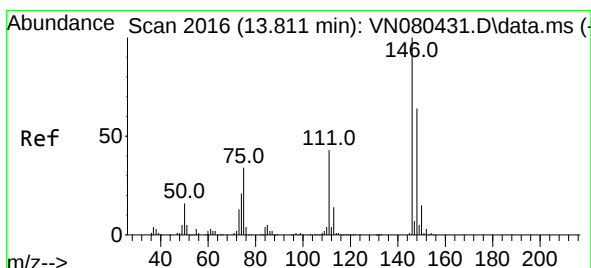
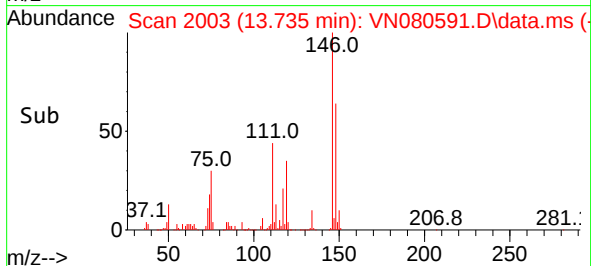
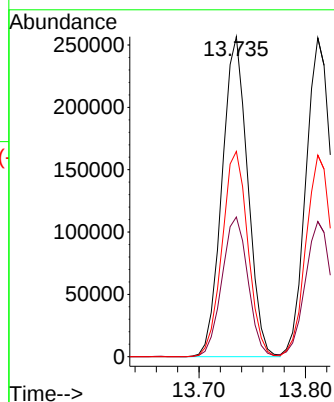
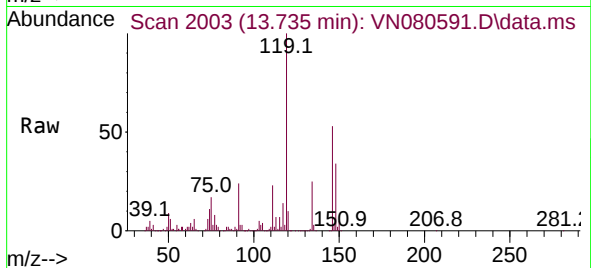
Tgt Ion:146 Resp: 429441

Ion Ratio Lower Upper

146 100

111 44.1 22.1 66.3

148 64.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 47.592 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

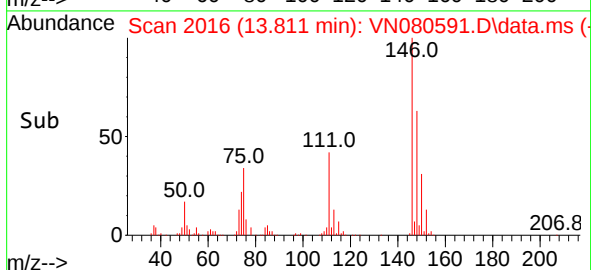
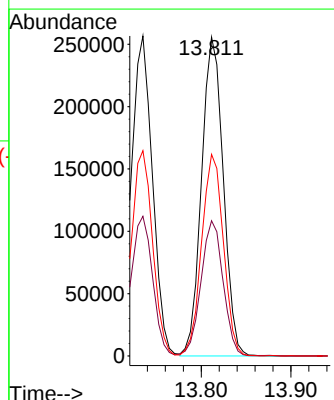
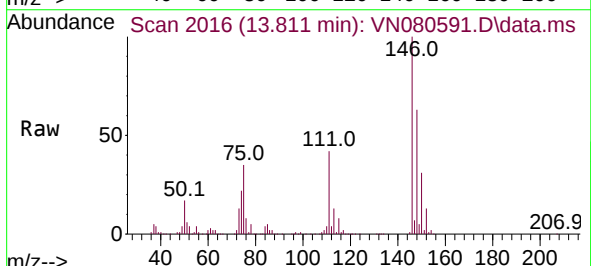
Tgt Ion:146 Resp: 430180

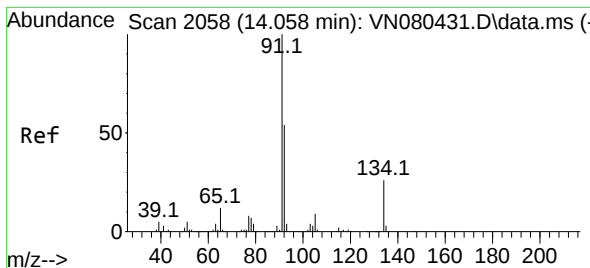
Ion Ratio Lower Upper

146 100

111 42.9 20.6 61.8

148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 48.748 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

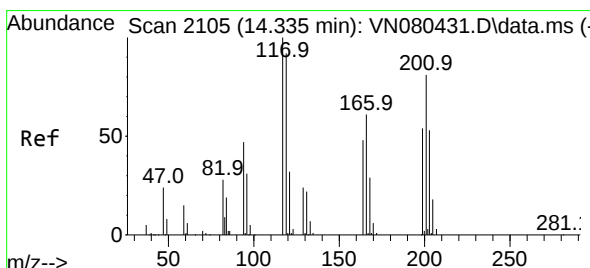
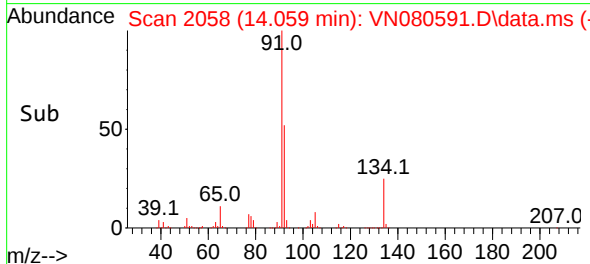
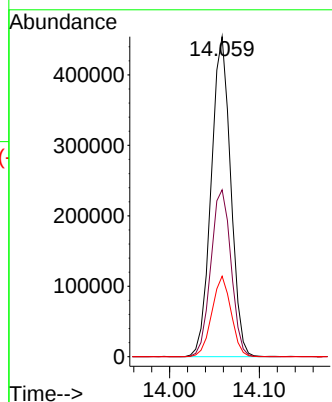
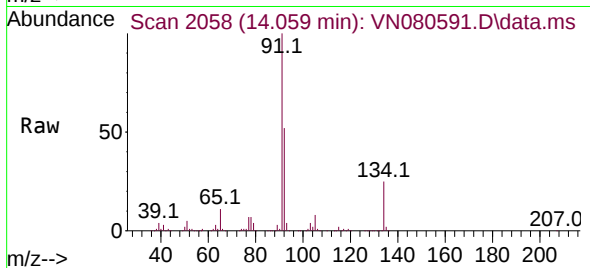
Tgt Ion: 91 Resp: 685182

Ion Ratio Lower Upper

91 100

92 54.0 26.4 79.0

134 24.8 12.6 37.6



#90

Hexachloroethane

Concen: 45.712 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080591.D

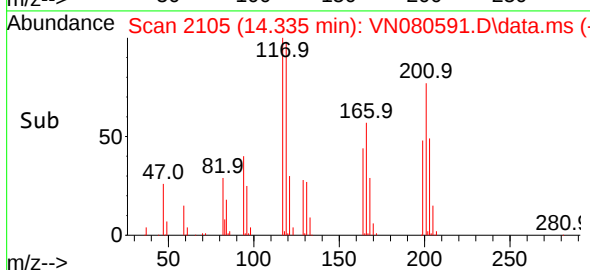
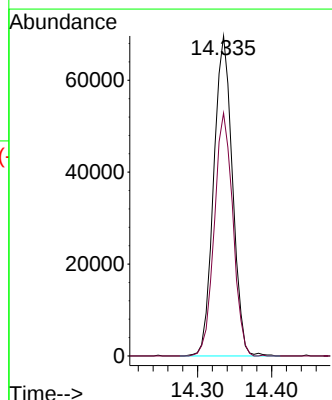
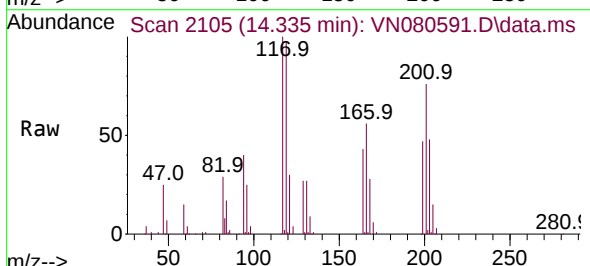
Acq: 21 Dec 2023 22:10

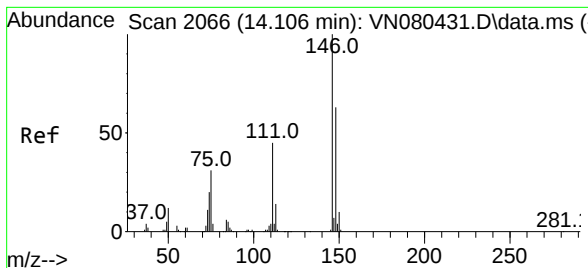
Tgt Ion: 117 Resp: 122188

Ion Ratio Lower Upper

117 100

201 75.2 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 49.784 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

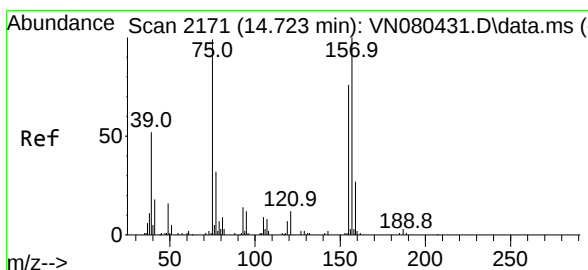
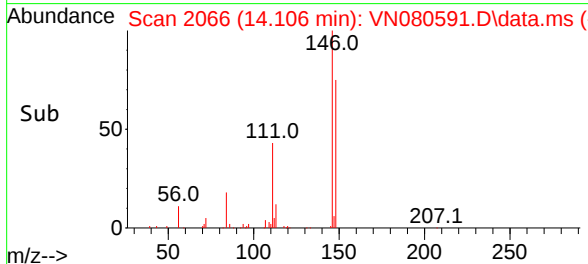
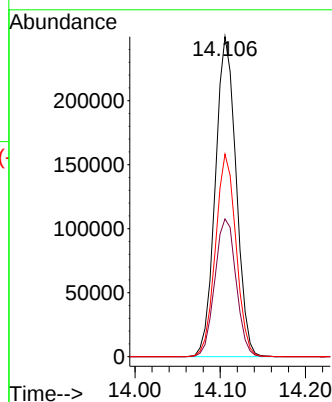
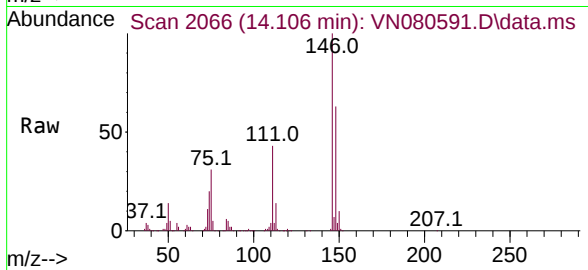
Tgt Ion:146 Resp: 423308

Ion Ratio Lower Upper

146 100

111 44.1 22.0 66.0

148 62.6 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.653 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

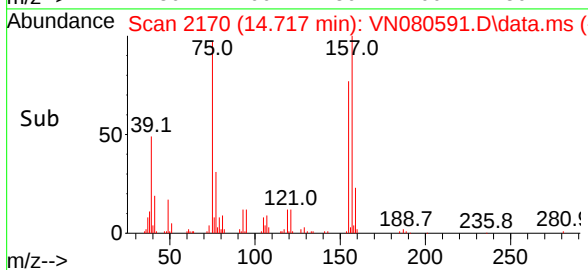
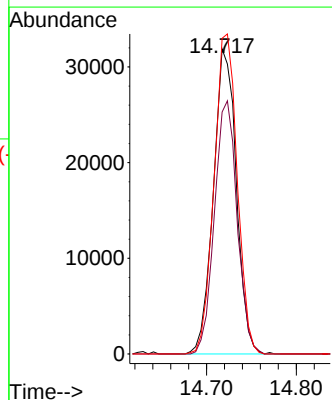
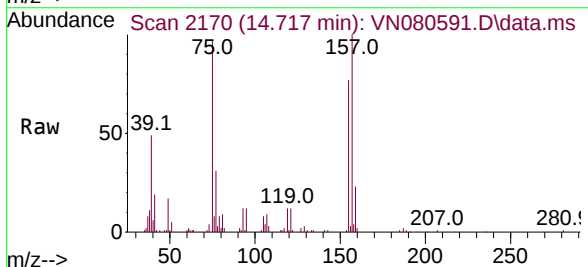
Tgt Ion: 75 Resp: 56654

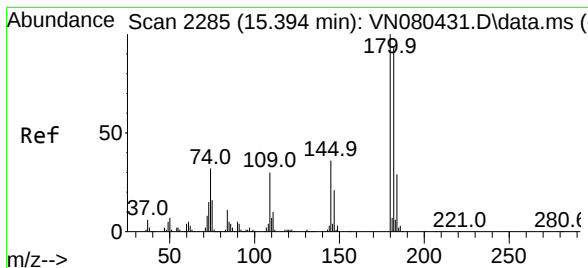
Ion Ratio Lower Upper

75 100

155 82.1 39.1 117.2

157 105.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 48.482 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

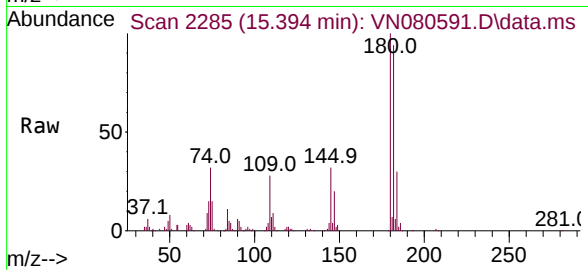
Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :



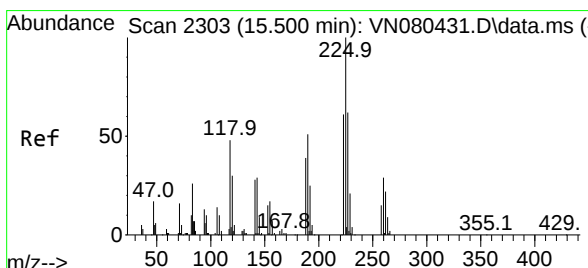
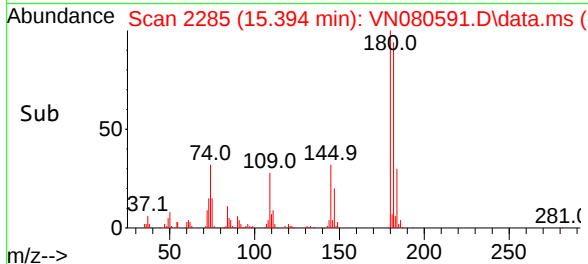
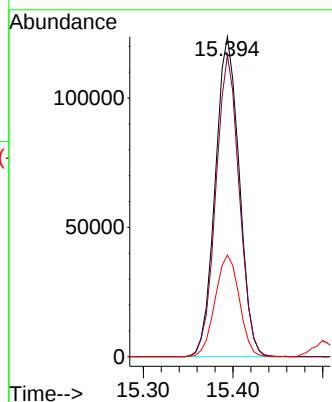
Tgt Ion:180 Resp: 228879

Ion Ratio Lower Upper

180 100

182 92.3 46.1 138.2

145 32.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 39.550 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080591.D

Acq: 21 Dec 2023 22:10

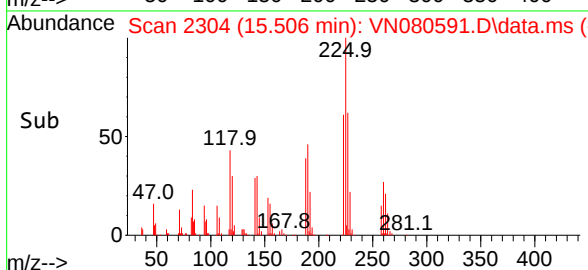
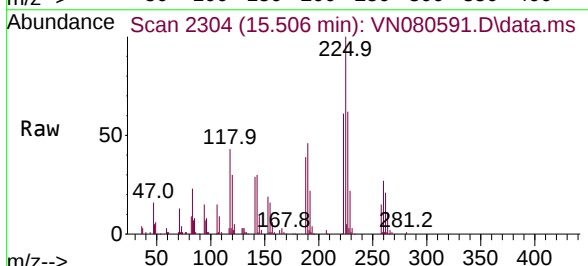
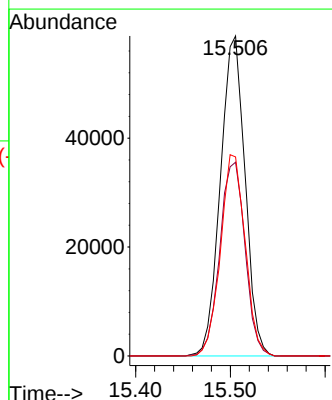
Tgt Ion:225 Resp: 106296

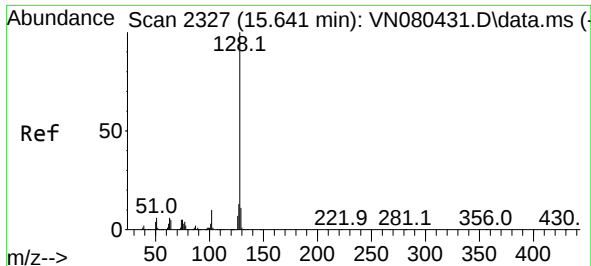
Ion Ratio Lower Upper

225 100

223 62.2 31.3 93.8

227 62.9 31.9 95.9

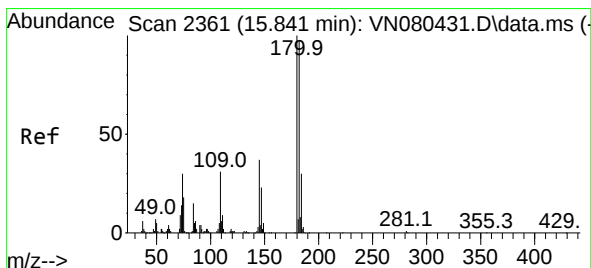
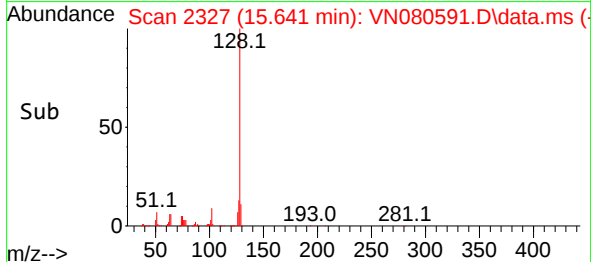
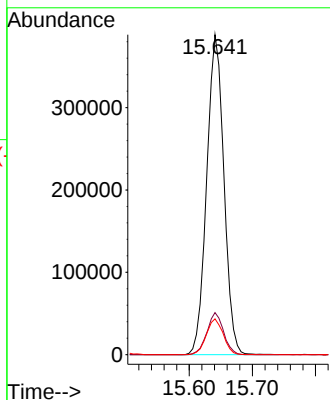
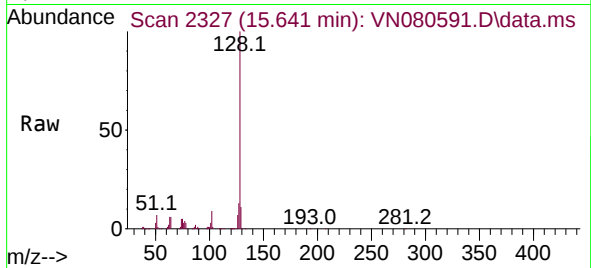




#95
Naphthalene
Concen: 51.293 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 735320
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.032 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080591.D
Acq: 21 Dec 2023 22:10

Tgt Ion:180 Resp: 218820
Ion Ratio Lower Upper
180 100
182 94.2 46.2 138.6
145 35.9 17.5 52.6

