

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080587.D
 Acq On : 21 Dec 2023 20:35
 Operator : JC\MD
 Sample : 05975-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 04:07:42 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	355391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	604040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	648834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260272	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	253014	55.740	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.480%	
35) Dibromofluoromethane	8.165	113	211071	55.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.220%	
50) Toluene-d8	10.565	98	926836	64.889	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 129.780%#	
62) 4-Bromofluorobenzene	12.847	95	269069	49.609	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.220%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	203953	44.908	ug/l	98
3) Chloromethane	2.365	50	291656	60.533	ug/l	96
4) Vinyl Chloride	2.512	62	239165	61.663	ug/l #	76
5) Bromomethane	2.948	94	89533	51.201	ug/l	94
6) Chloroethane	3.124	64	153924	61.760	ug/l	98
7) Trichlorofluoromethane	3.495	101	366749	46.620	ug/l	100
8) Diethyl Ether	3.959	74	150876	60.890	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	209304	56.134	ug/l	97
10) Methyl Iodide	4.589	142	158104	48.207	ug/l	97
11) Tert butyl alcohol	5.518	59	154935	289.821	ug/l	99
12) 1,1-Dichloroethene	4.342	96	215509	56.408	ug/l	89
13) Acrolein	4.177	56	220178	376.085	ug/l	100
14) Allyl chloride	5.024	41	308861	65.341	ug/l	91
15) Acrylonitrile	5.718	53	595632	394.326	ug/l	99
16) Acetone	4.424	43	348288	432.740	ug/l	95
17) Carbon Disulfide	4.712	76	601124	55.519	ug/l	99
18) Methyl Acetate	5.018	43	440929	85.142	ug/l	89
19) Methyl tert-butyl Ether	5.794	73	653233	51.248	ug/l	98
20) Methylene Chloride	5.277	84	267011	61.991	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	201557	48.655	ug/l	87
22) Diisopropyl ether	6.671	45	620662	60.837	ug/l #	93
23) Vinyl Acetate	6.600	43	1699551	290.052	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	379910	53.373	ug/l	98
25) 2-Butanone	7.483	43	524456	338.257	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	321118	44.119	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	243105	51.844	ug/l	91
28) Bromochloromethane	7.818	49	169927	62.177	ug/l	89
29) Tetrahydrofuran	7.835	42	352668	317.644	ug/l #	84
30) Chloroform	7.965	83	408261	51.672	ug/l	94
31) Cyclohexane	8.259	56	269055	43.587	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	364355	47.099	ug/l	95
36) 1,1-Dichloropropene	8.371	75	289980	46.308	ug/l	96
37) Ethyl Acetate	7.559	43	221670	56.530	ug/l #	94
38) Carbon Tetrachloride	8.365	117	313354	41.879	ug/l	100
39) Methylcyclohexane	9.600	83	266677	40.994	ug/l	91
40) Benzene	8.606	78	870443	48.137	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	127186	56.260	ug/l	89
42) 1,2-Dichloroethane	8.671	62	324571	48.471	ug/l	98
43) Isopropyl Acetate	8.688	43	412602	58.520	ug/l	95
44) Trichloroethene	9.353	130	236203	48.454	ug/l	93
45) 1,2-Dichloropropane	9.624	63	224416	52.841	ug/l	99
46) Dibromomethane	9.706	93	156883	51.437	ug/l	89
47) Bromodichloromethane	9.888	83	329865	50.464	ug/l	98
48) Methyl methacrylate	9.682	41	244405	58.088	ug/l	85
49) 1,4-Dioxane	9.694	88	59101	926.720	ug/l #	86
51) 4-Methyl-2-Pentanone	10.441	43	1478336	380.712	ug/l	96
52) Toluene	10.629	92	715566	62.640	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	391043	55.292	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	431241	57.048	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	268782	65.391	ug/l	97
56) Ethyl methacrylate	10.876	69	292472	64.269	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	415690	57.690	ug/l	100
59) 2-Hexanone	11.194	43	931274	324.862	ug/l	98
60) Dibromochloromethane	11.359	129	264642	54.334	ug/l	99
61) 1,2-Dibromoethane	11.470	107	253936	59.691	ug/l	100
64) Tetrachloroethene	11.106	164	203303	40.583	ug/l	96
65) Chlorobenzene	11.894	112	694088	48.088	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	259324	45.789	ug/l	96
67) Ethyl Benzene	11.965	91	1206352	45.455	ug/l	98
68) m/p-Xylenes	12.070	106	910193	92.811	ug/l	99
69) o-Xylene	12.400	106	387505	40.398	ug/l	99
70) Styrene	12.412	104	575951	41.684	ug/l	98
71) Bromoform	12.582	173	159590	38.641	ug/l #	99
73) Isopropylbenzene	12.700	105	974035	46.586	ug/l	100
74) N-amyl acetate	12.494	43	355385	58.206	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	304755	54.395	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	342678	65.997	ug/l	82
77) Bromobenzene	12.982	156	242409	47.130	ug/l	95
78) n-propylbenzene	13.035	91	1103827	47.883	ug/l	99
79) 2-Chlorotoluene	13.129	91	685085	45.520	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	811172	45.047	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	47810	24.176	ug/l	87
82) 4-Chlorotoluene	13.223	91	689107	44.546	ug/l	99
83) tert-Butylbenzene	13.441	119	661270	44.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	822676	45.923	ug/l	97
85) sec-Butylbenzene	13.617	105	878970	46.593	ug/l	99
86) p-Isopropyltoluene	13.729	119	788317	46.280	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	422179	46.587	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	422634	46.202	ug/l	99
89) n-Butylbenzene	14.059	91	638599	44.893	ug/l	99
90) Hexachloroethane	14.335	117	105798	39.110	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	405002	47.065	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	54581	46.315	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	212293	44.434	ug/l	97
94) Hexachlorobutadiene	15.500	225	95096	34.962	ug/l	99
95) Naphthalene	15.641	128	688802	47.477	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	209490	45.438	ug/l	98

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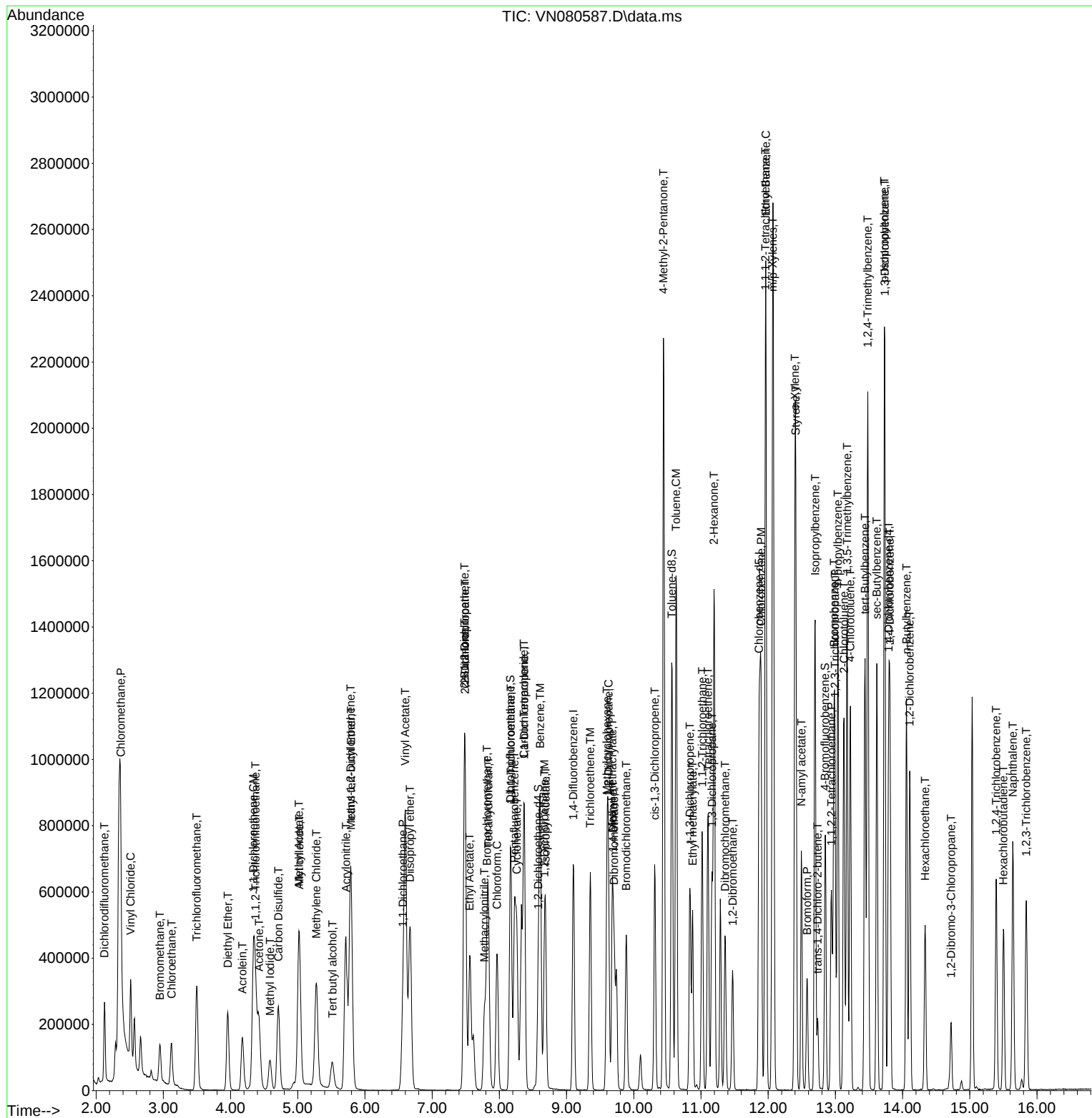
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

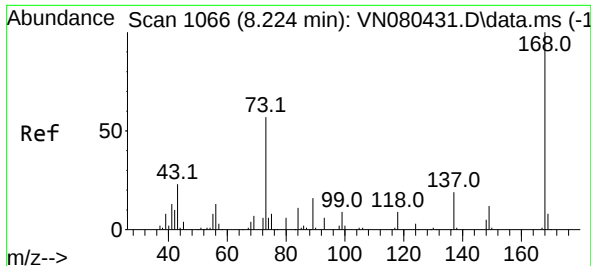
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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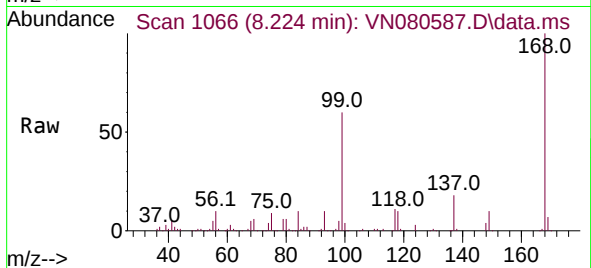
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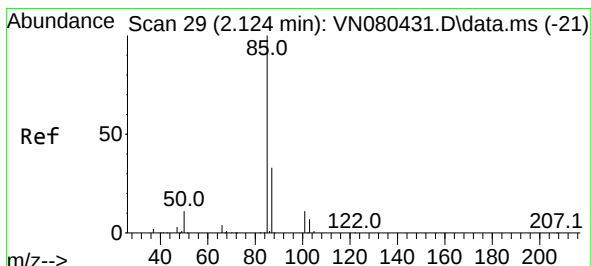
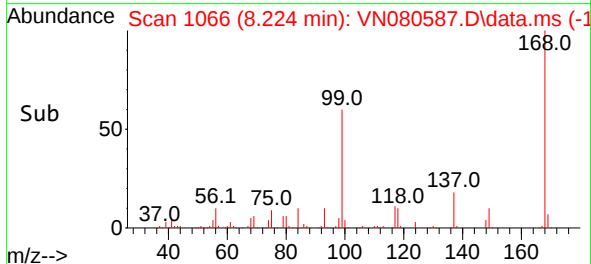
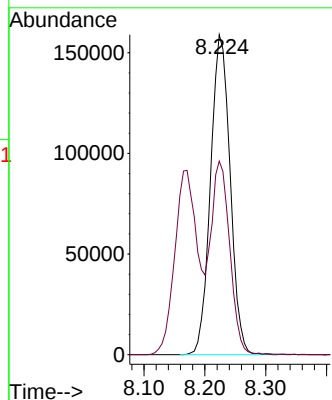


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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ClientSampleId :

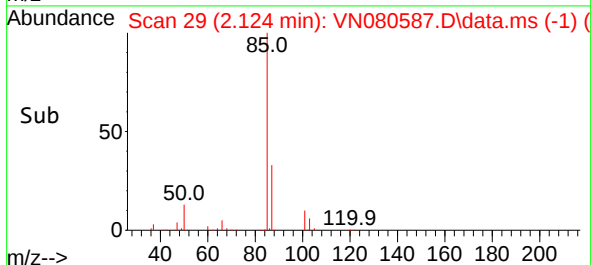
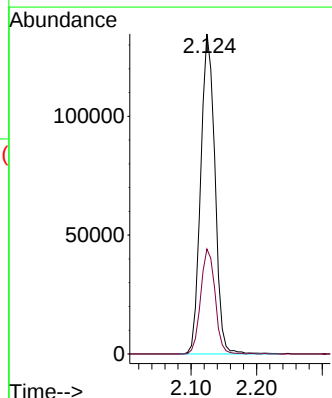
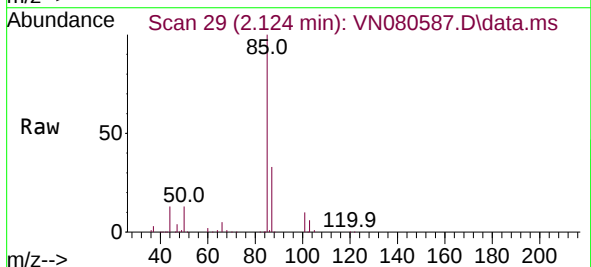


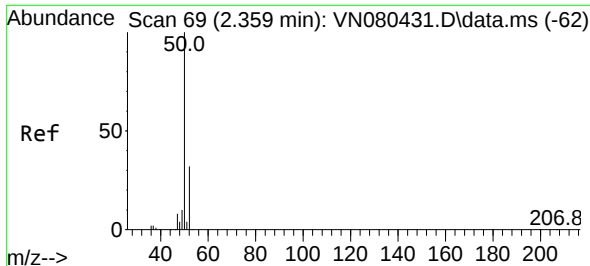
Tgt Ion:168 Resp: 355391
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 44.908 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 85 Resp: 203953
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.4

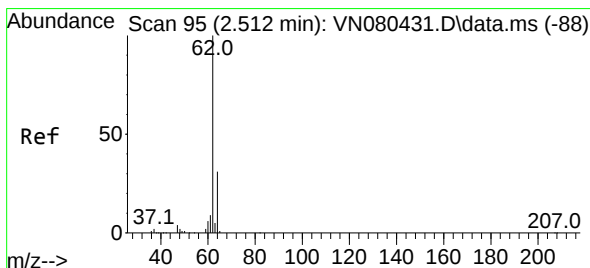
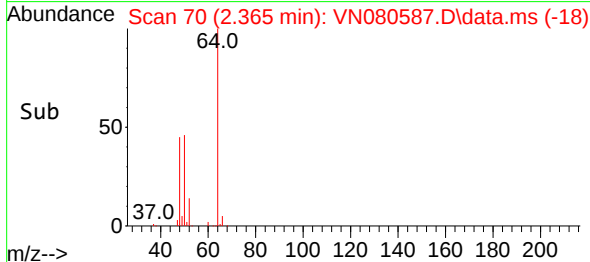
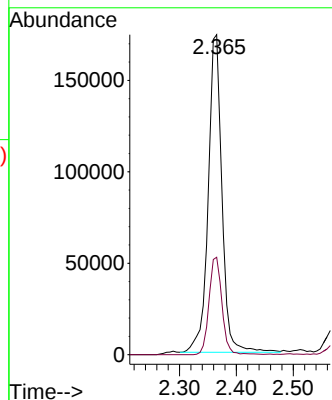
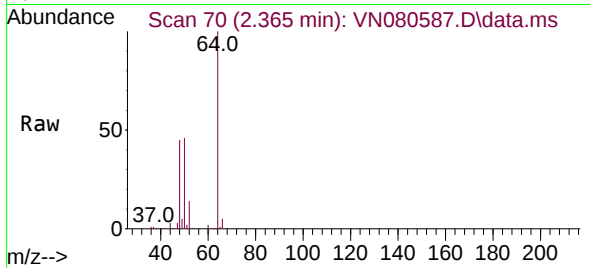




#3
Chloromethane
Concen: 60.533 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

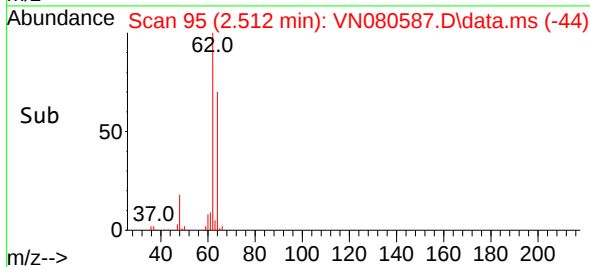
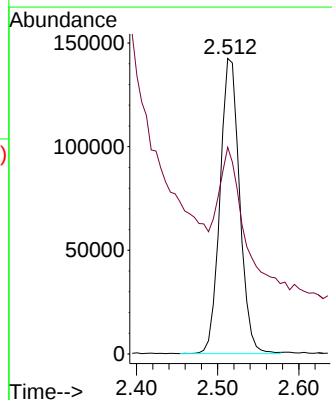
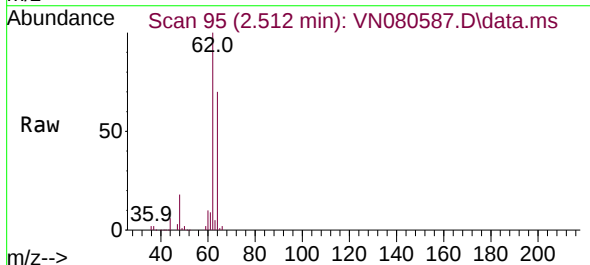
Instrument :
MSVOA_N
ClientSampleId :

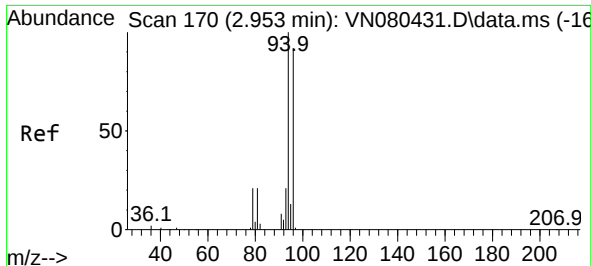
Tgt Ion: 50 Resp: 291656
Ion Ratio Lower Upper
50 100
52 30.7 26.5 39.7



#4
Vinyl Chloride
Concen: 61.663 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 62 Resp: 239165
Ion Ratio Lower Upper
62 100
64 46.2 26.2 39.2#

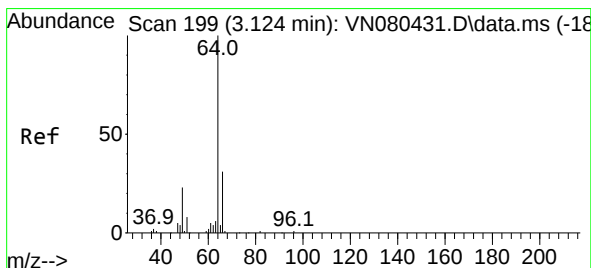
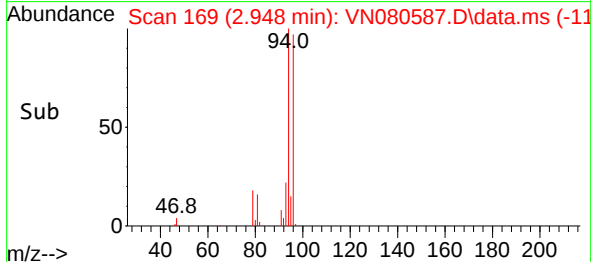
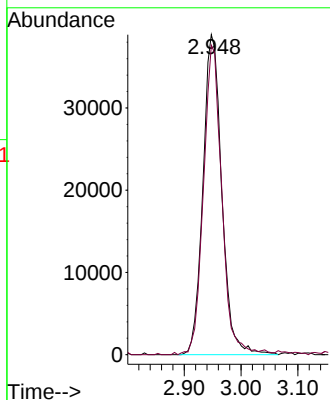
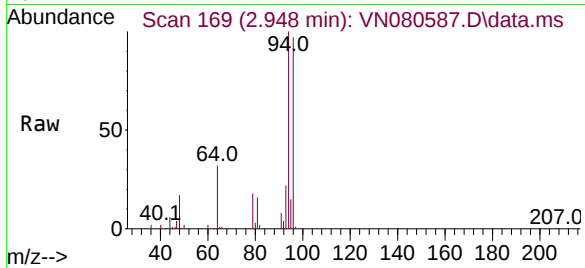




#5
Bromomethane
Concen: 51.201 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080587.D
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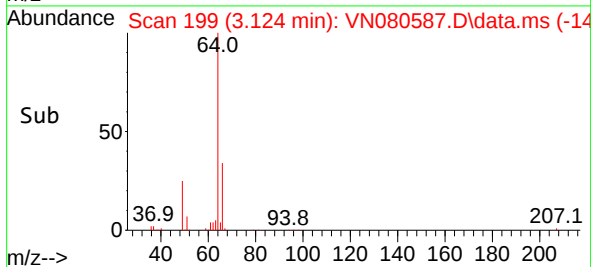
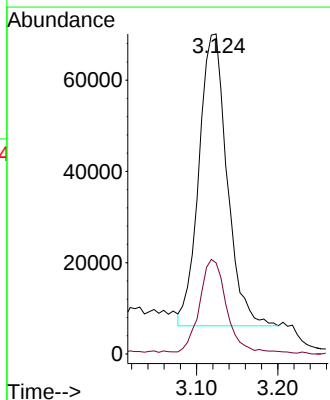
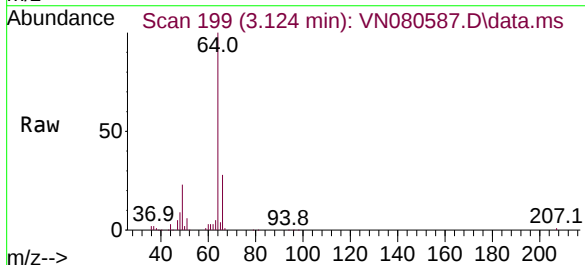
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ClientSampleId :

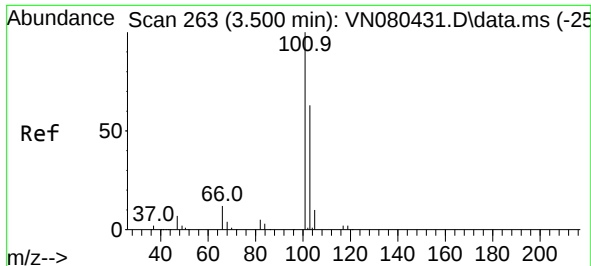
Tgt Ion: 94 Resp: 89533
Ion Ratio Lower Upper
94 100
96 96.7 73.1 109.7



#6
Chloroethane
Concen: 61.760 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 64 Resp: 153924
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2

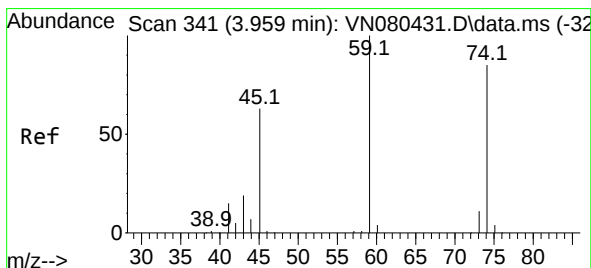
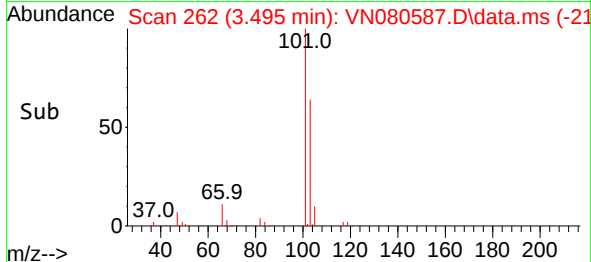
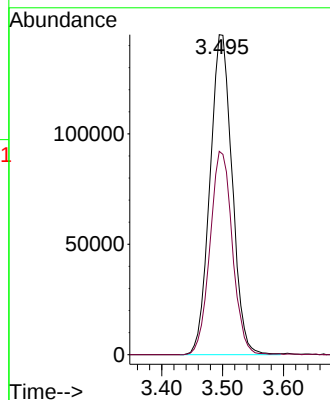
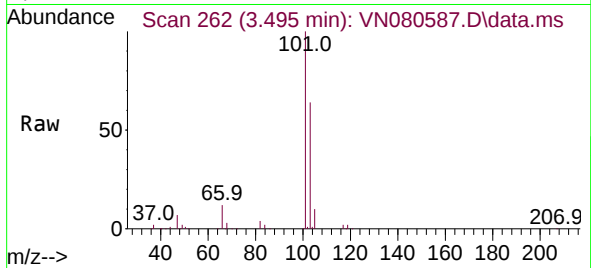




#7
 Trichlorofluoromethane
 Concen: 46.620 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

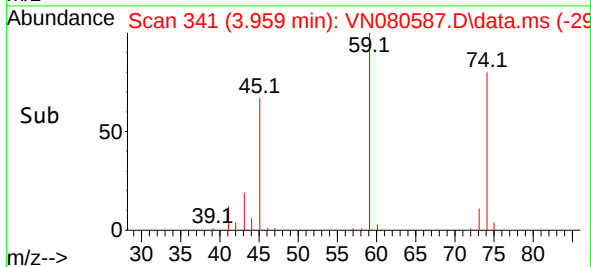
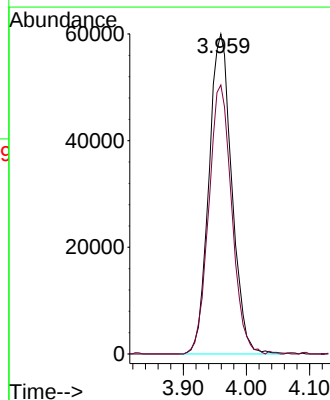
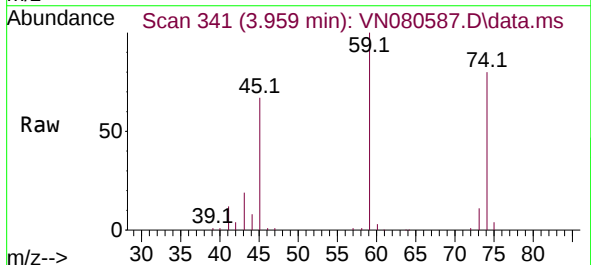
Instrument :
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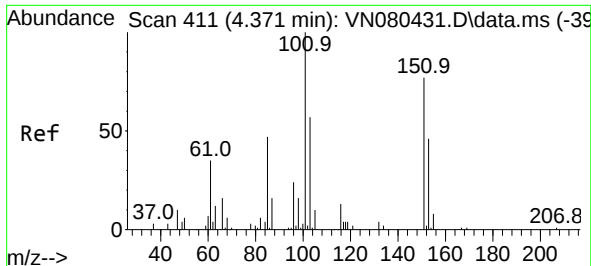
Tgt Ion:101 Resp: 366749
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 60.890 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

Tgt Ion: 74 Resp: 150876
 Ion Ratio Lower Upper
 74 100
 45 84.4 34.4 103.3

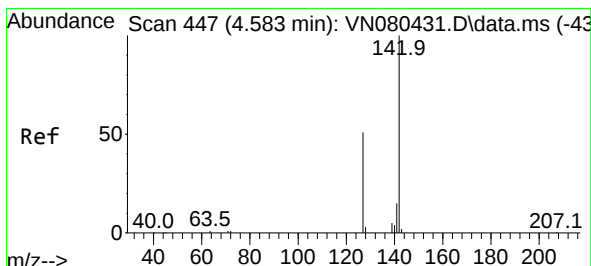
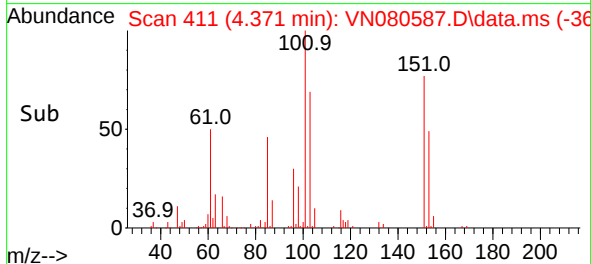
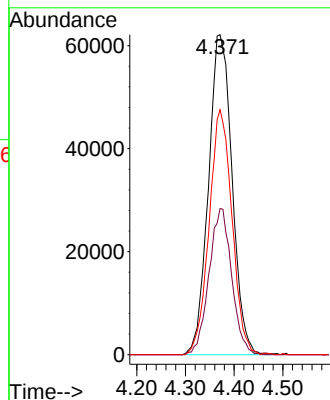
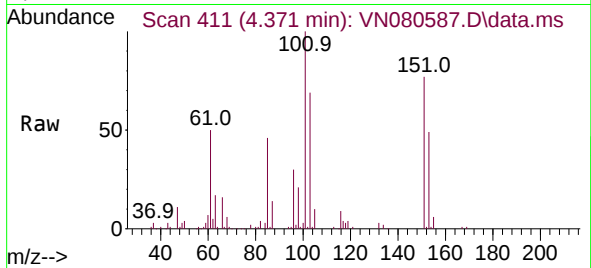




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.134 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

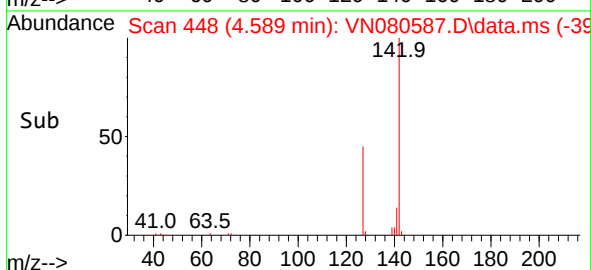
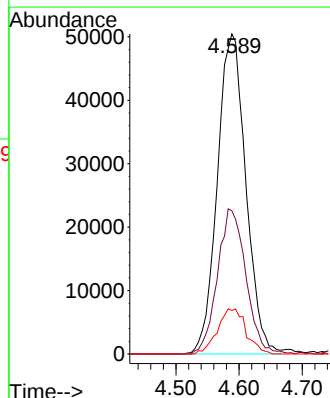
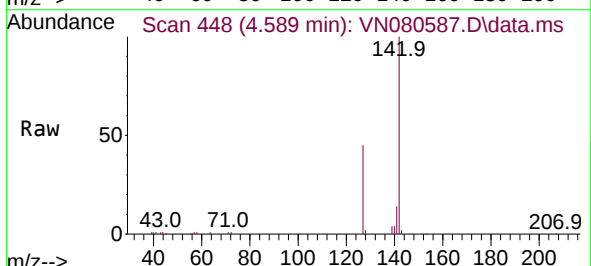
Instrument :
MSVOA_N
ClientSampleId :

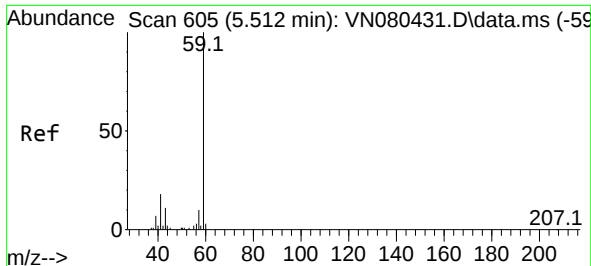
Tgt Ion:101 Resp: 209304
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 74.1 57.6 86.4



#10
Methyl Iodide
Concen: 48.207 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

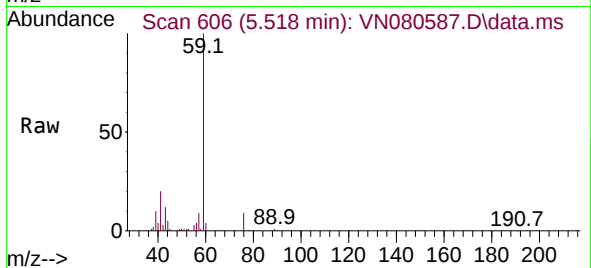
Tgt Ion:142 Resp: 158104
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 13.6 11.4 17.0



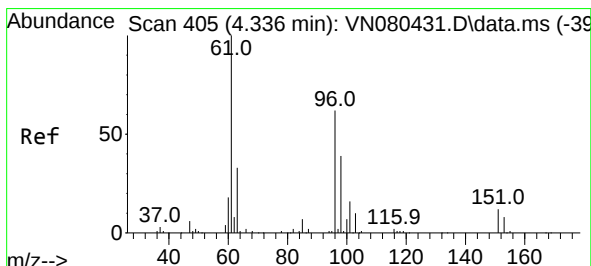
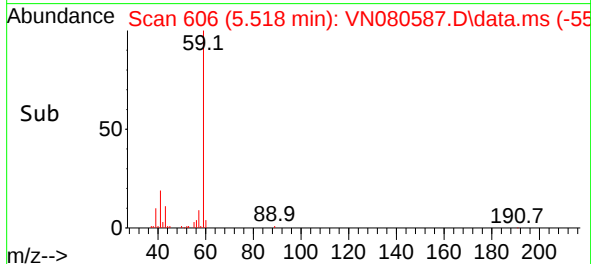
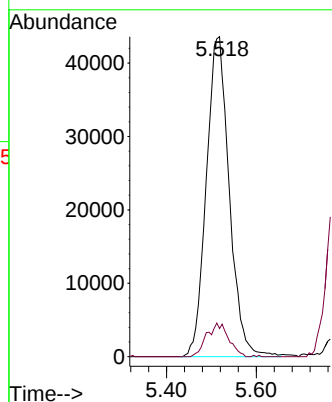


#11
Tert butyl alcohol
Concen: 289.821 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Instrument :
MSVOA_N
ClientSampleId :

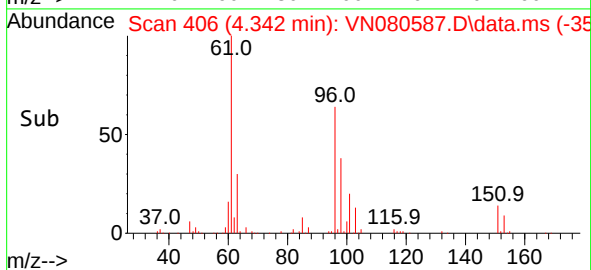
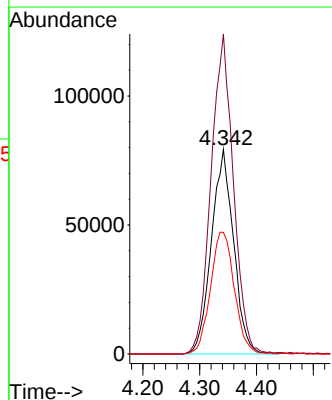
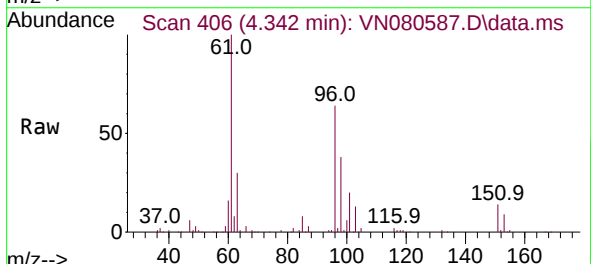


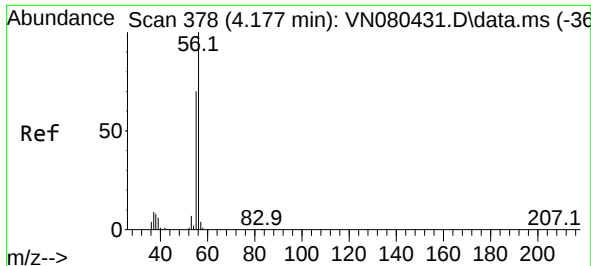
Tgt Ion: 59 Resp: 154935
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 56.408 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 96 Resp: 215509
Ion Ratio Lower Upper
96 100
61 156.5 112.7 169.1
98 59.5 51.2 76.8

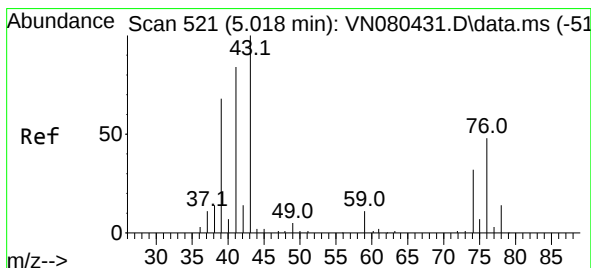
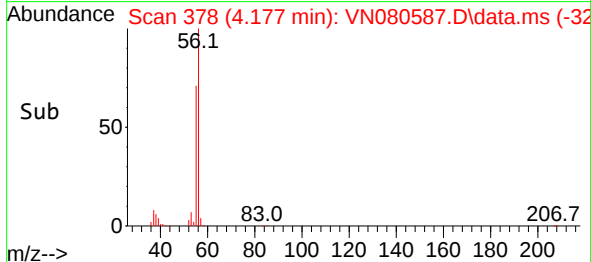
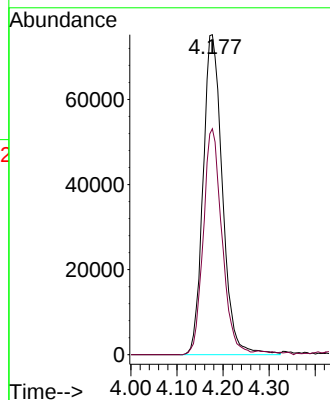
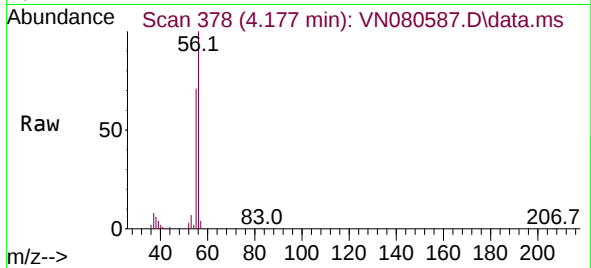




#13
Acrolein
Concen: 376.085 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

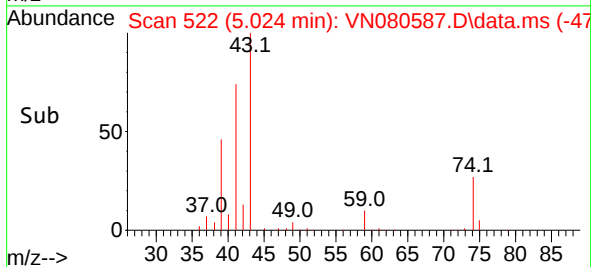
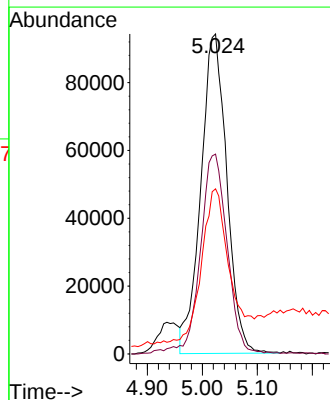
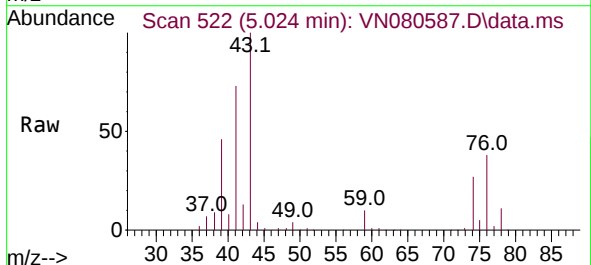
Instrument :
MSVOA_N
ClientSampleId :

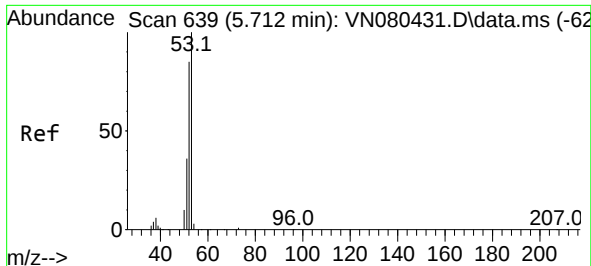
Tgt Ion: 56 Resp: 220178
Ion Ratio Lower Upper
56 100
55 68.1 54.5 81.7



#14
Allyl chloride
Concen: 65.341 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

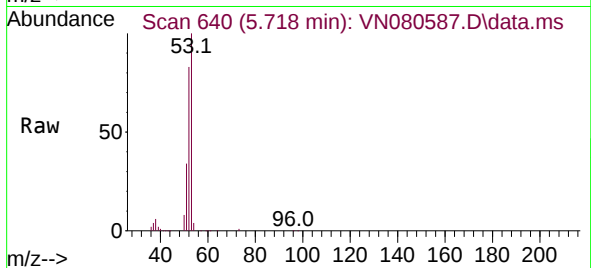
Tgt Ion: 41 Resp: 308861
Ion Ratio Lower Upper
41 100
39 65.0 58.8 88.2
76 53.3 39.1 58.7



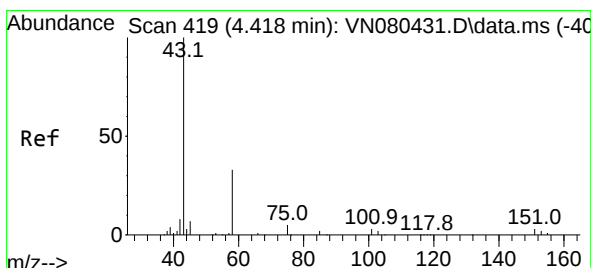
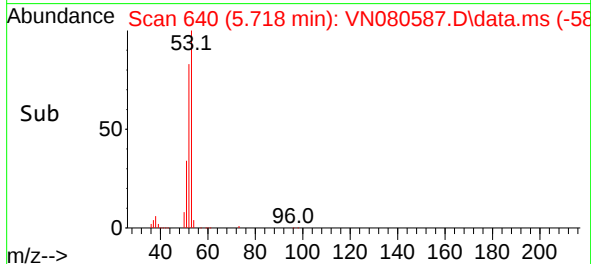
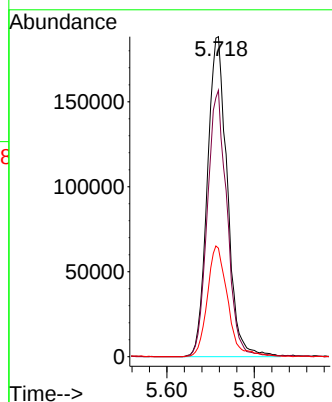


#15
Acrylonitrile
Concen: 394.326 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Instrument :
MSVOA_N
ClientSampleId :

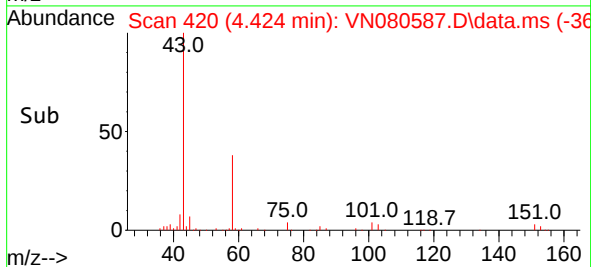
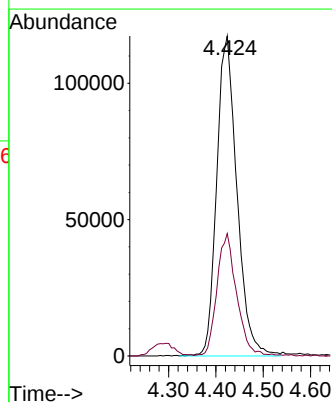
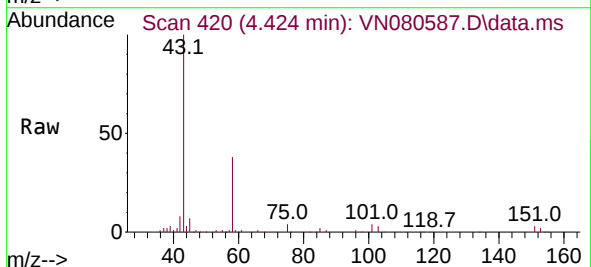


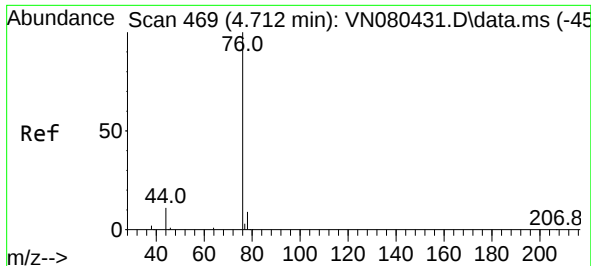
Tgt Ion: 53 Resp: 595632
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 35.5 28.9 43.3



#16
Acetone
Concen: 432.740 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 43 Resp: 348288
Ion Ratio Lower Upper
43 100
58 37.8 28.0 42.0

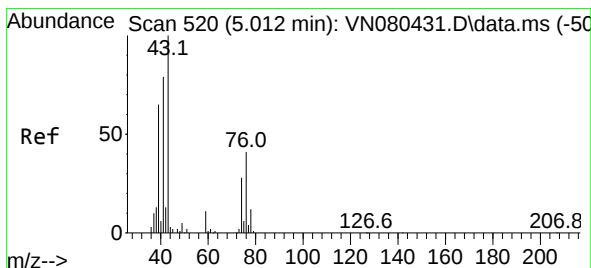
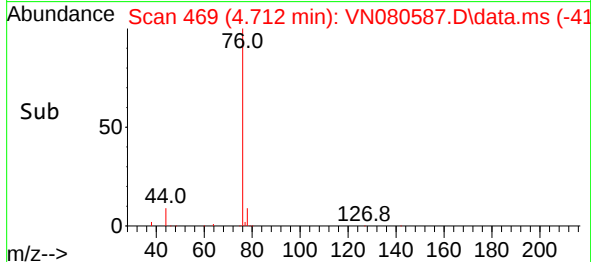
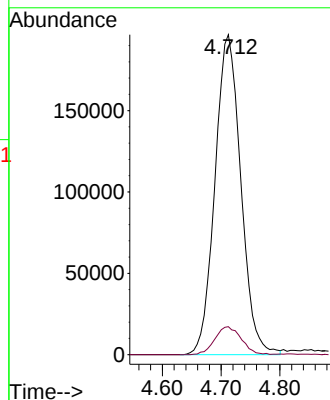
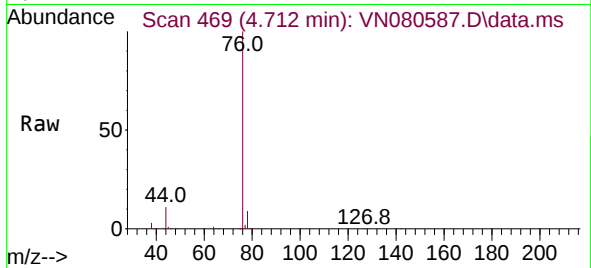




#17
Carbon Disulfide
Concen: 55.519 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

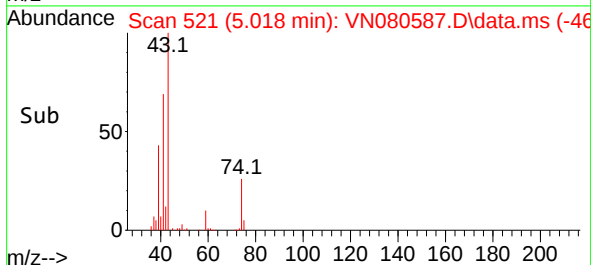
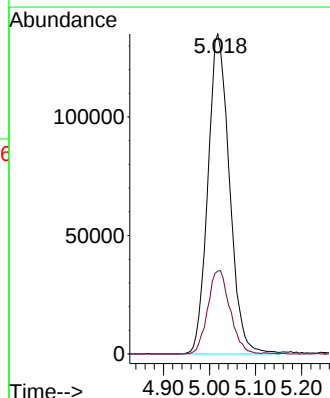
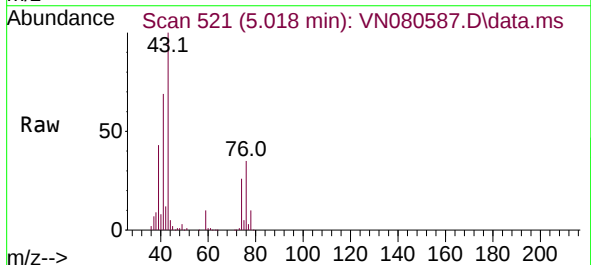
Instrument :
MSVOA_N
ClientSampleId :

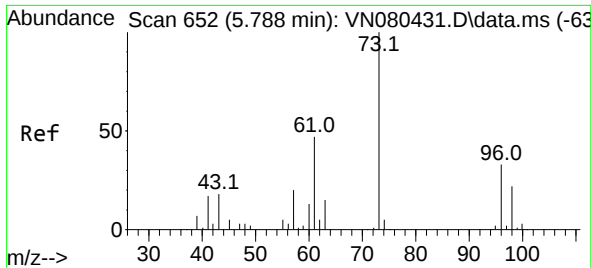
Tgt Ion: 76 Resp: 601124
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 85.142 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 43 Resp: 440929
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4

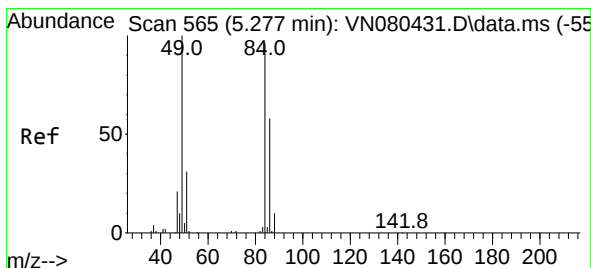
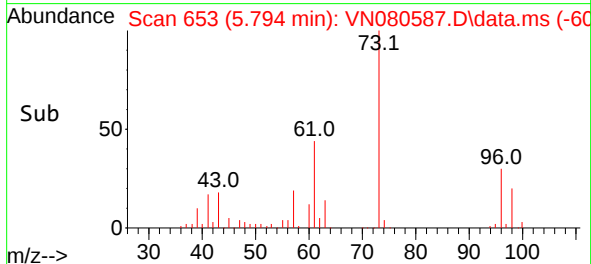
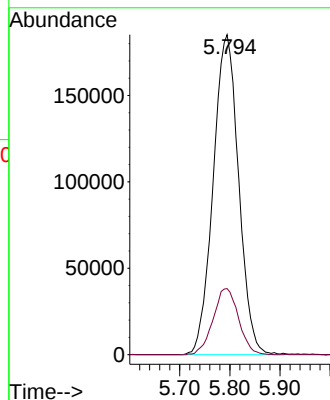
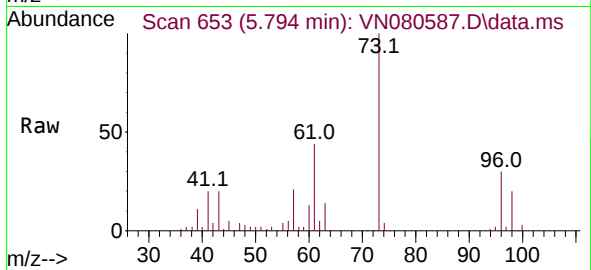




#19
Methyl tert-butyl Ether
Concen: 51.248 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

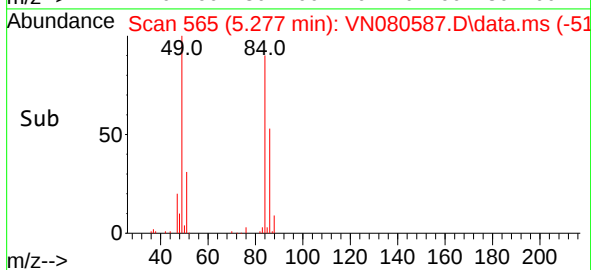
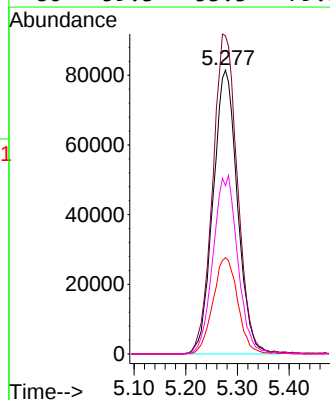
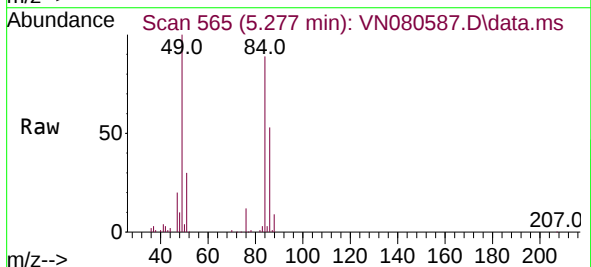
Instrument :
MSVOA_N
ClientSampleId :

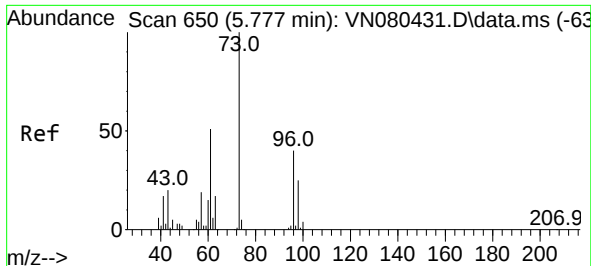
Tgt Ion: 73 Resp: 653233
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4



#20
Methylene Chloride
Concen: 61.991 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 84 Resp: 267011
Ion Ratio Lower Upper
84 100
49 112.1 79.7 119.5
51 33.9 25.2 37.8
86 59.3 53.3 79.9

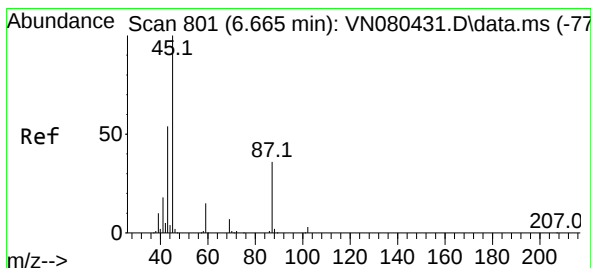
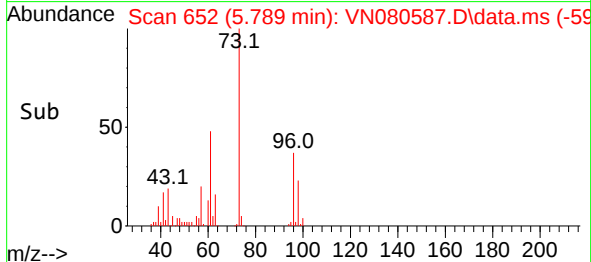
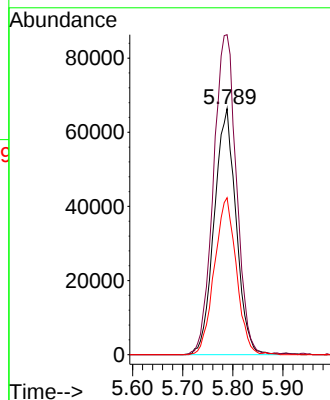
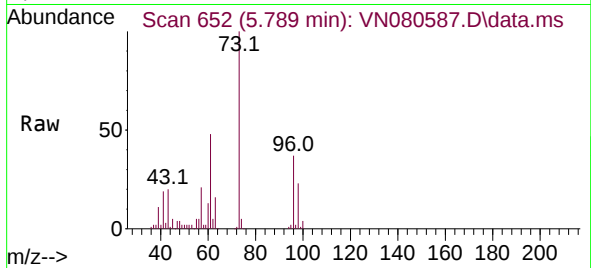




#21
trans-1,2-Dichloroethene
Concen: 48.655 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

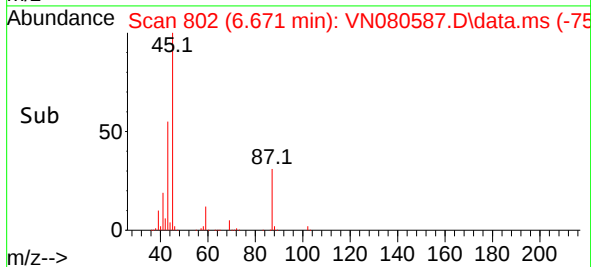
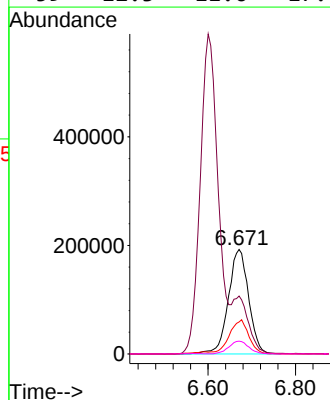
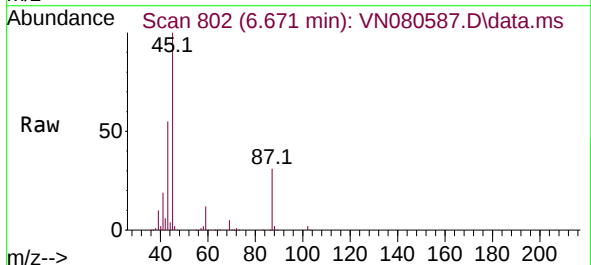
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 201557
Ion Ratio Lower Upper
96 100
61 130.0 90.1 135.1
98 63.8 46.4 69.6



#22
Diisopropyl ether
Concen: 60.837 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 45 Resp: 620662
Ion Ratio Lower Upper
45 100
43 55.0 45.5 68.3
87 30.6 31.8 47.8#
59 12.3 11.6 17.4

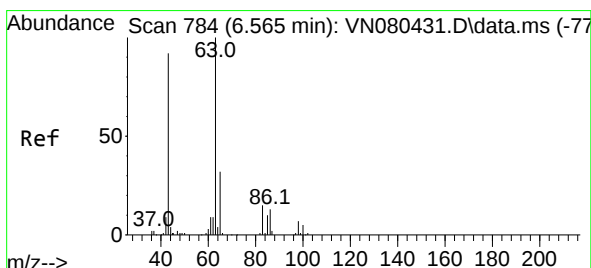
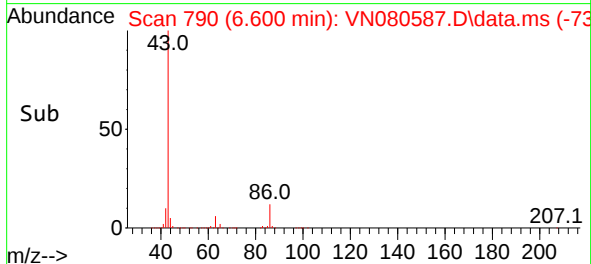
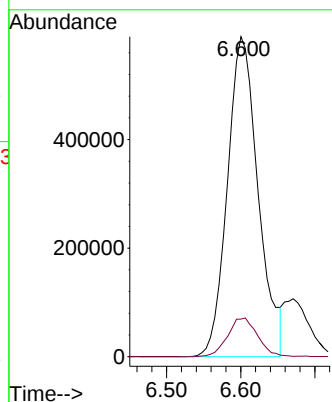
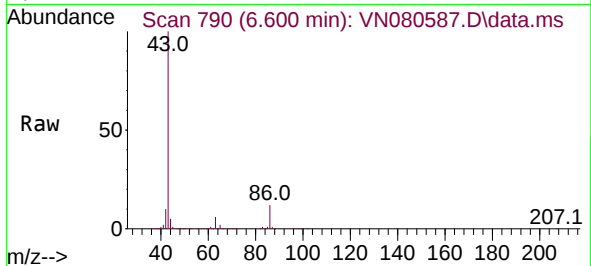




#23
 Vinyl Acetate
 Concen: 290.052 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

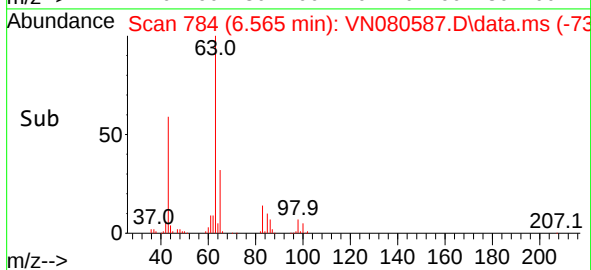
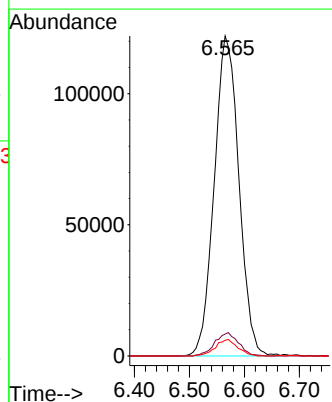
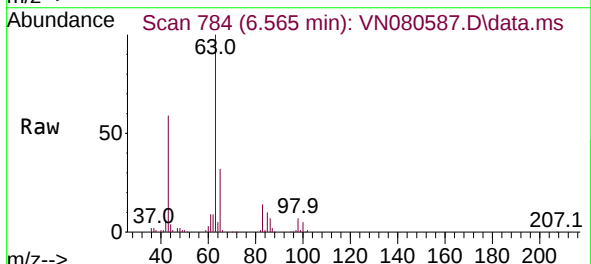
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 1699551
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 53.373 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

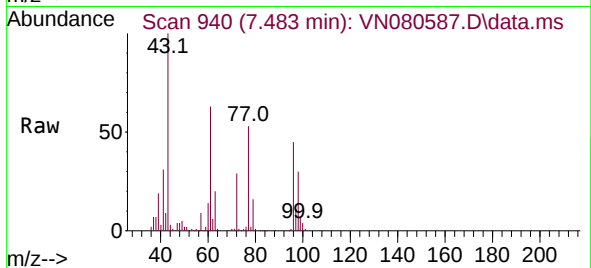
Tgt Ion: 63 Resp: 379910
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.9 2.5 7.4



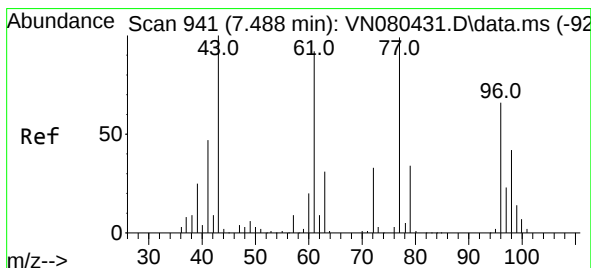
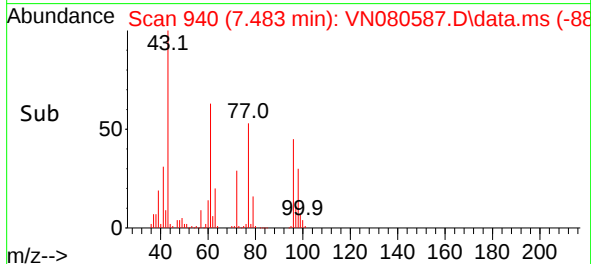
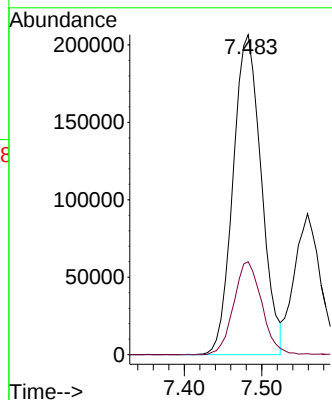


#25
2-Butanone
Concen: 338.257 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Instrument :
MSVOA_N
ClientSampleId :

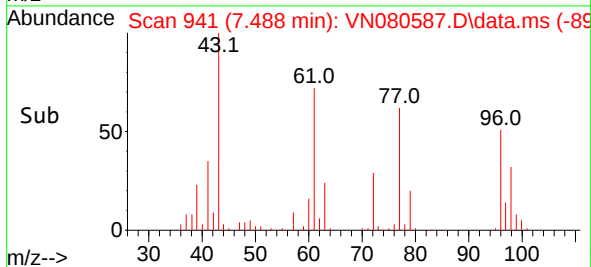
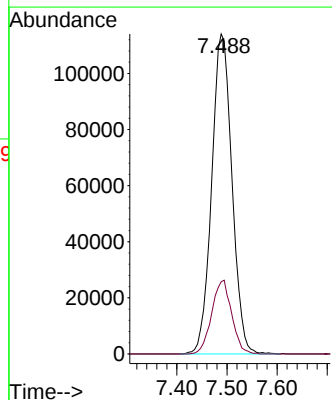
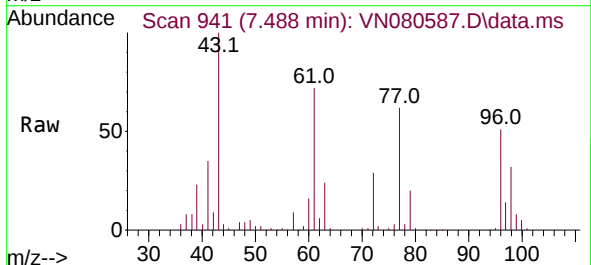


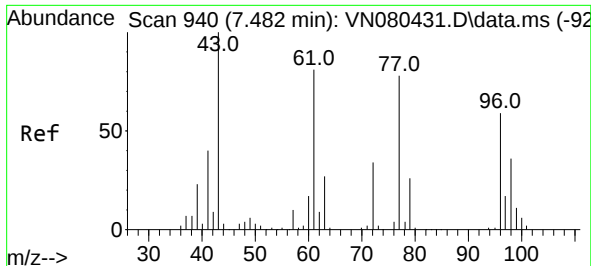
Tgt Ion: 43 Resp: 524456
Ion Ratio Lower Upper
43 100
72 29.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 44.119 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 77 Resp: 321118
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6



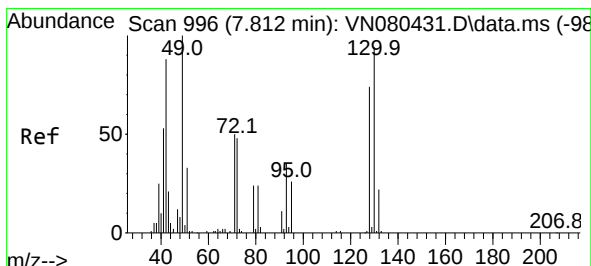
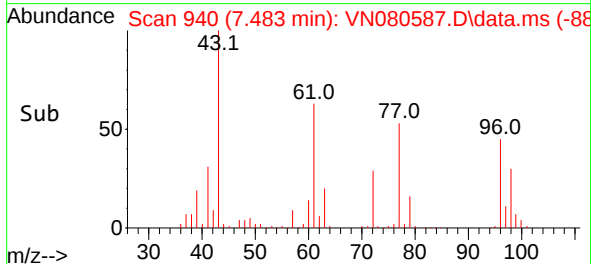
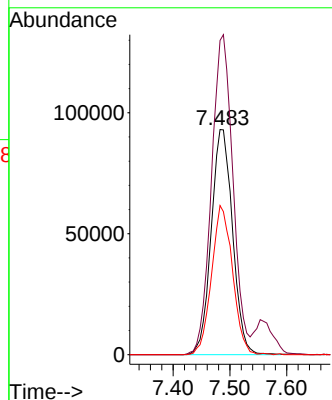
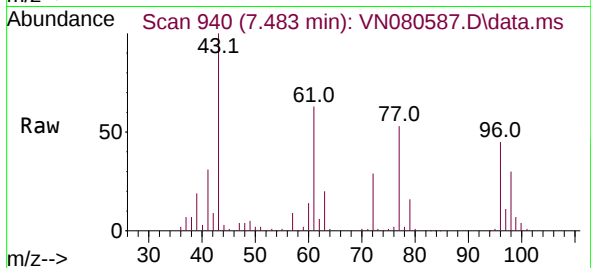


#27
 cis-1,2-Dichloroethene
 Concen: 51.844 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 243105

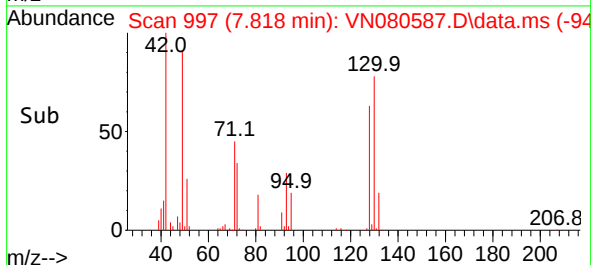
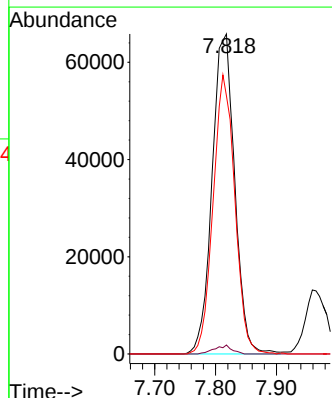
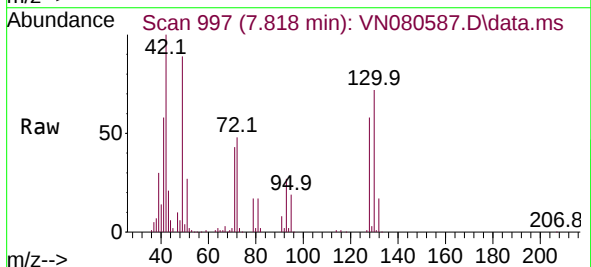
Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	255.2
98	64.9	0.0	128.8

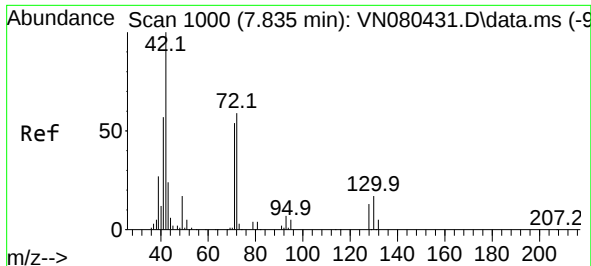


#28
 Bromochloromethane
 Concen: 62.177 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

Tgt Ion: 49 Resp: 169927

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	83.6	75.3	112.9





#29

Tetrahydrofuran

Concen: 317.644 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

ClientSampleId :

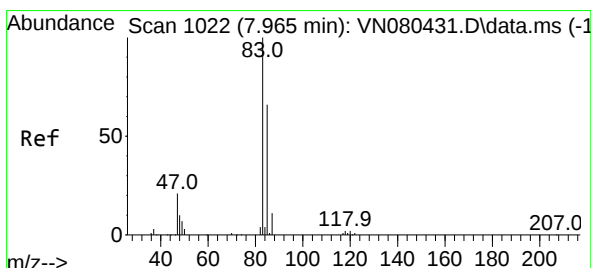
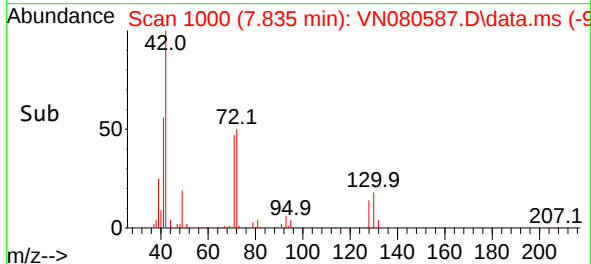
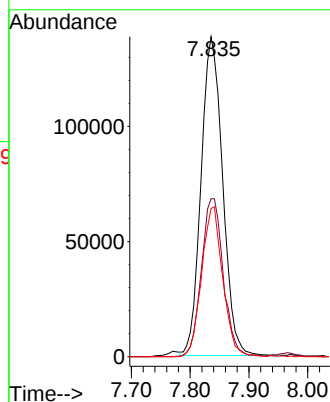
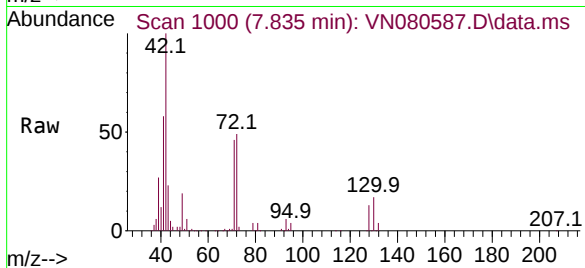
Tgt Ion: 42 Resp: 352668

Ion Ratio Lower Upper

42 100

72 50.3 49.8 74.6

71 46.1 47.4 71.2#



#30

Chloroform

Concen: 51.672 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080587.D

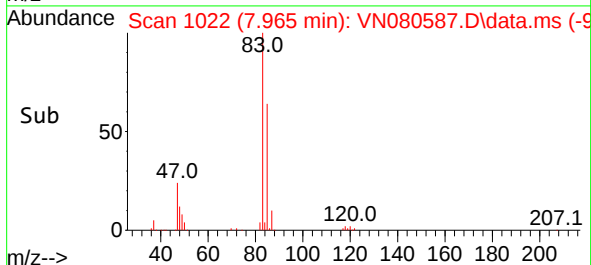
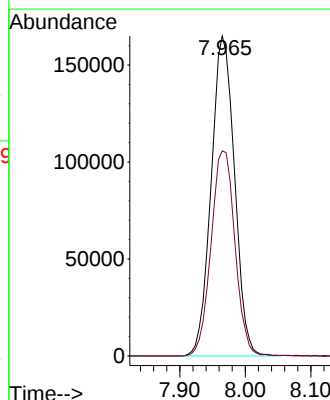
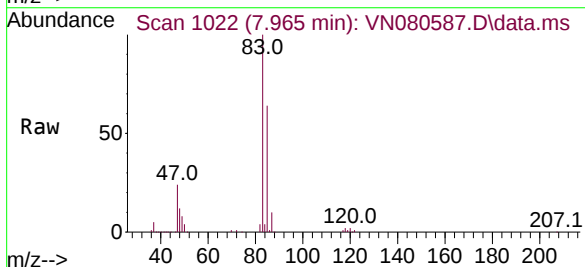
Acq: 21 Dec 2023 20:35

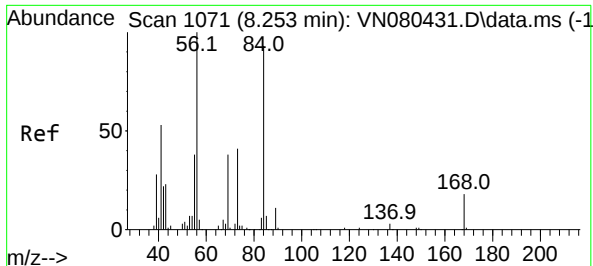
Tgt Ion: 83 Resp: 408261

Ion Ratio Lower Upper

83 100

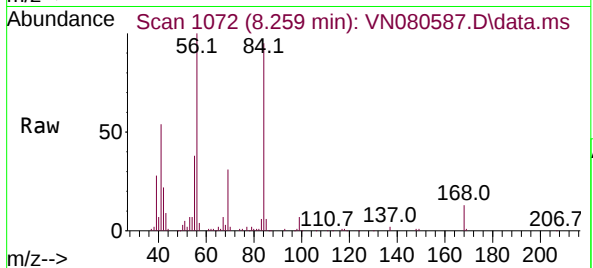
85 64.1 55.4 83.0



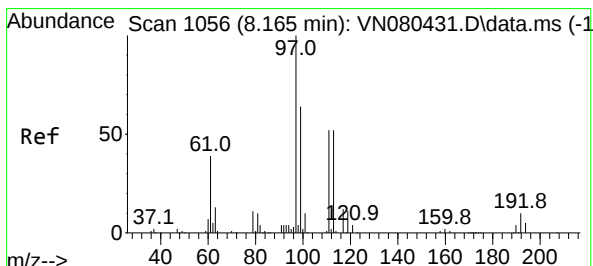
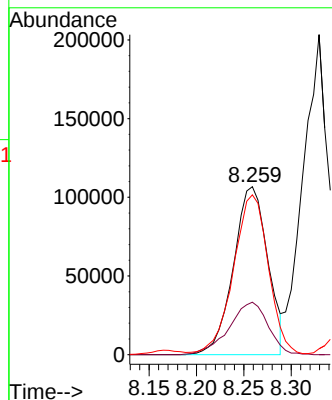
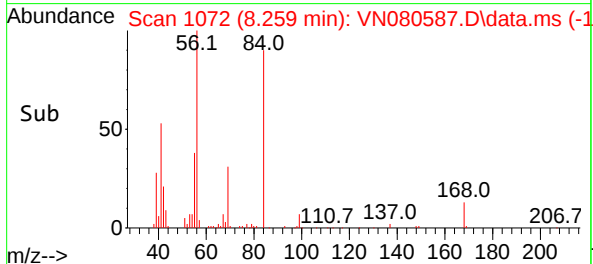


#31
Cyclohexane
Concen: 43.587 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Instrument :
MSVOA_N
ClientSampleId :

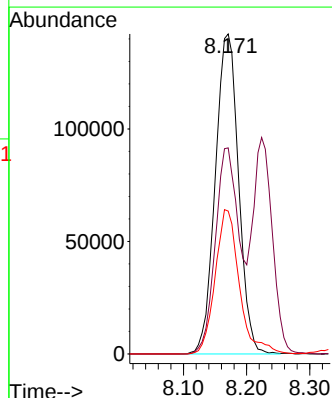
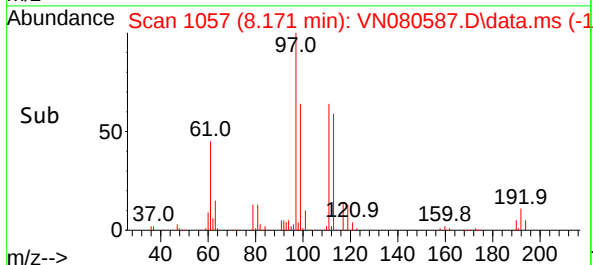
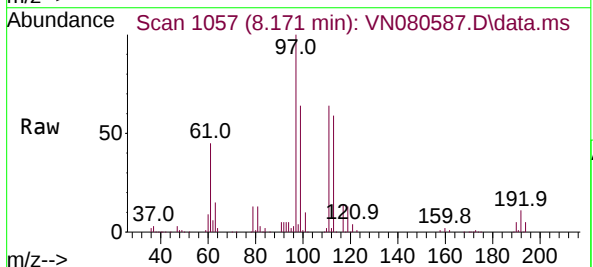


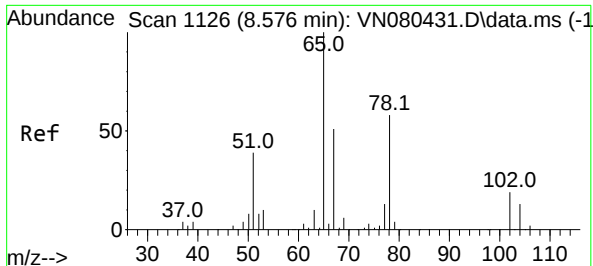
Tgt Ion: 56 Resp: 269055
Ion Ratio Lower Upper
56 100
69 31.3 26.8 40.2
84 93.3 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 47.099 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 97 Resp: 364355
Ion Ratio Lower Upper
97 100
99 66.4 50.3 75.5
61 46.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.740 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

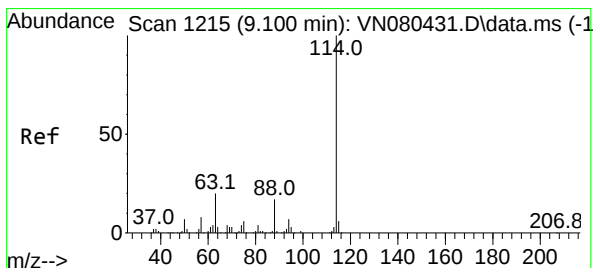
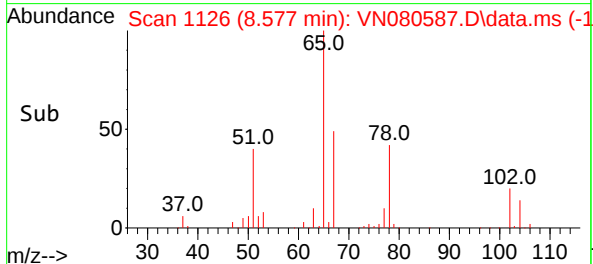
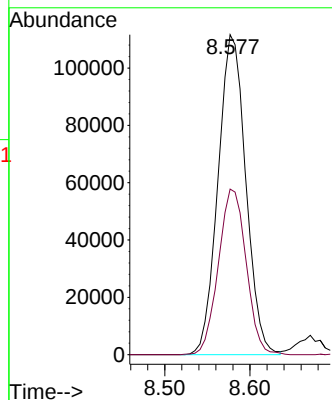
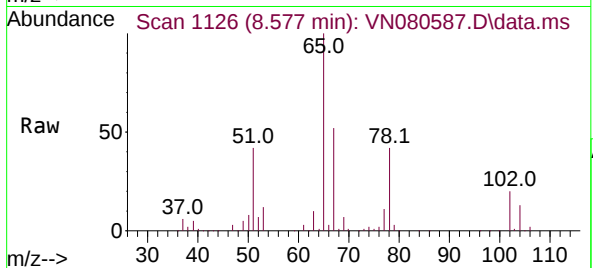
ClientSampleId :

Tgt Ion: 65 Resp: 253014

Ion Ratio Lower Upper

65 100

67 51.7 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: VN080587.D

Acq: 21 Dec 2023 20:35

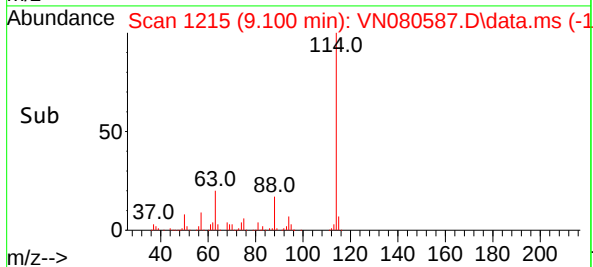
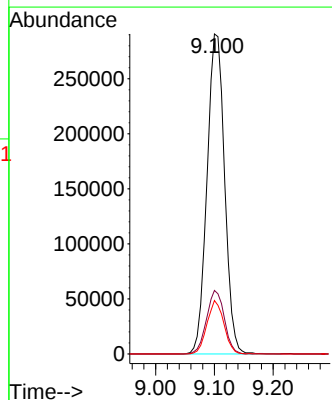
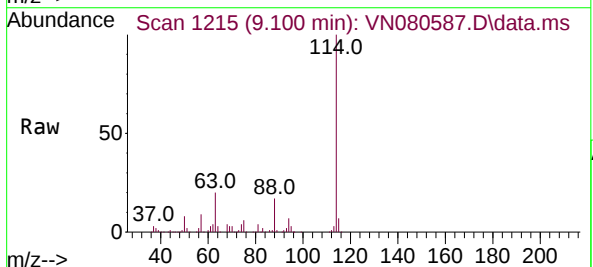
Tgt Ion: 114 Resp: 604040

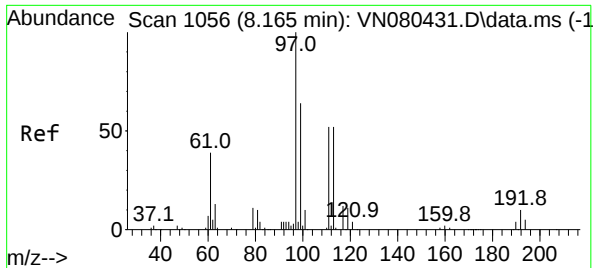
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 16.7 0.0 30.6

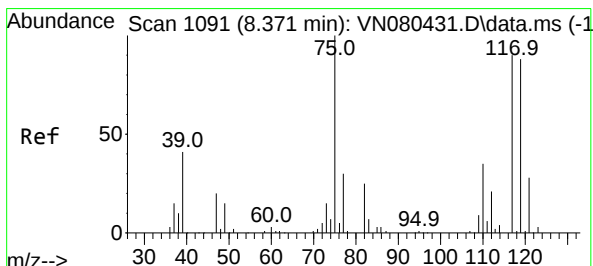
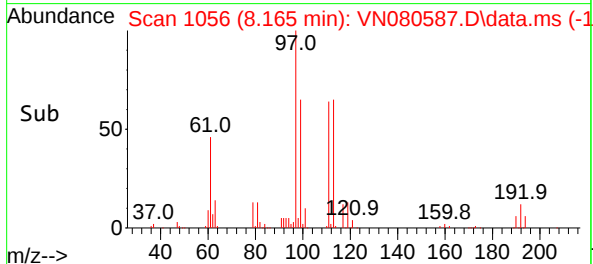
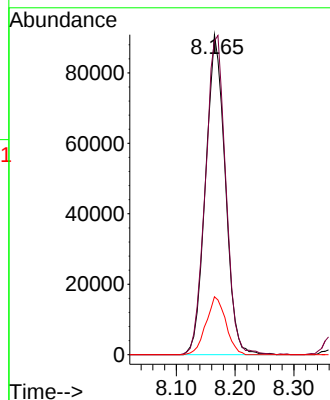
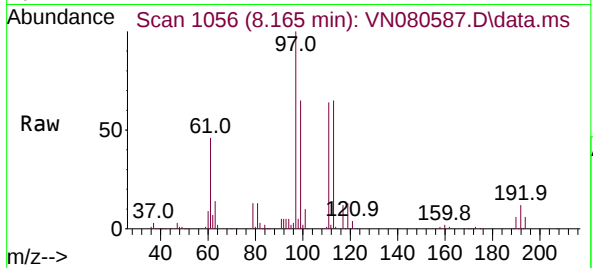




#35
Dibromofluoromethane
Concen: 55.112 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

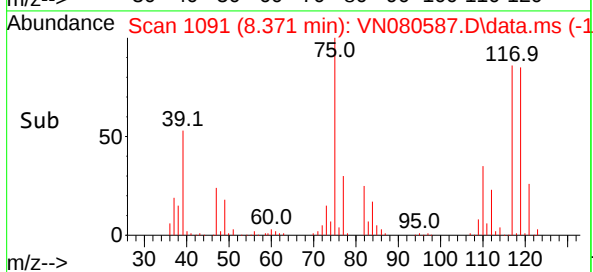
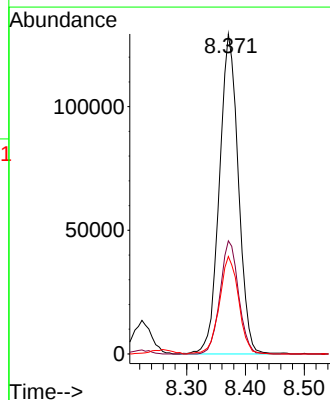
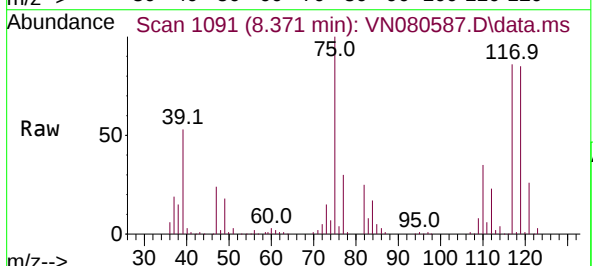
Instrument :
MSVOA_N
ClientSampleId :

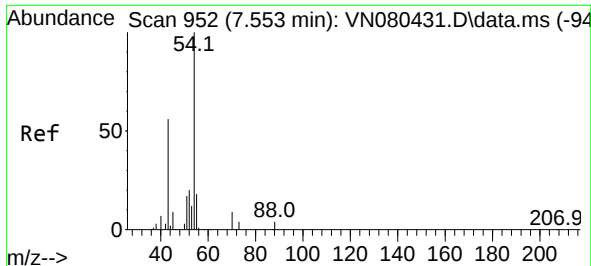
Tgt Ion:113 Resp: 211071
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 18.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 46.308 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 75 Resp: 289980
Ion Ratio Lower Upper
75 100
110 34.5 19.1 57.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 56.530 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

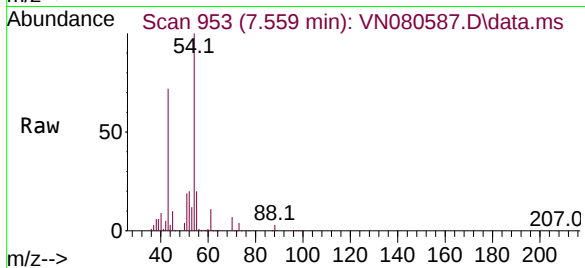
Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

ClientSampleId :



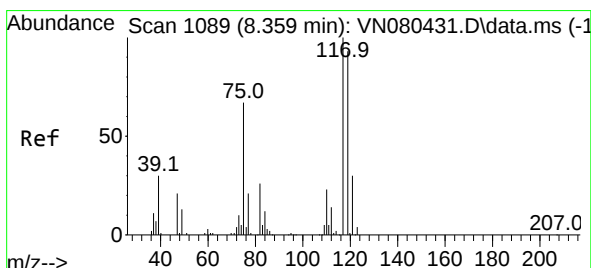
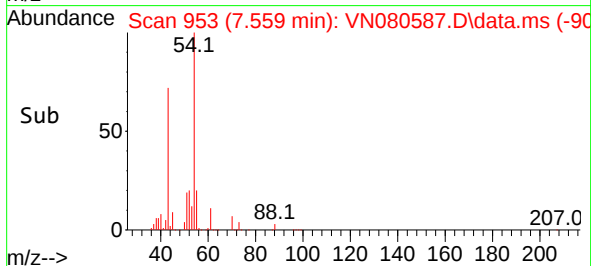
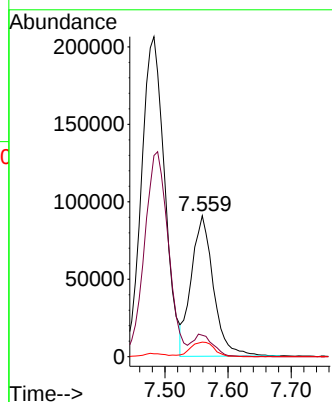
Tgt Ion: 43 Resp: 221670

Ion Ratio Lower Upper

43 100

61 14.7 13.2 19.8

70 11.1 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 41.879 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

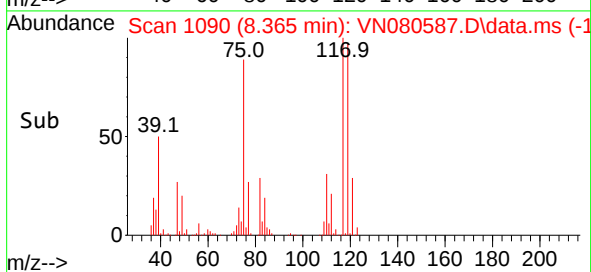
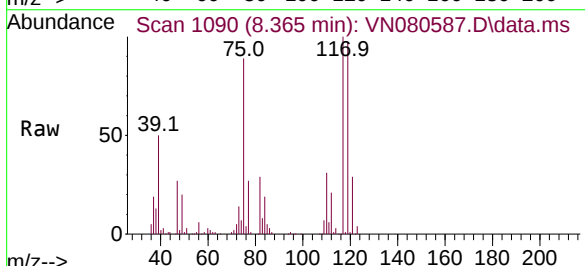
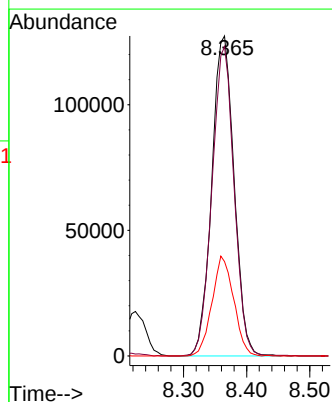
Tgt Ion: 117 Resp: 313354

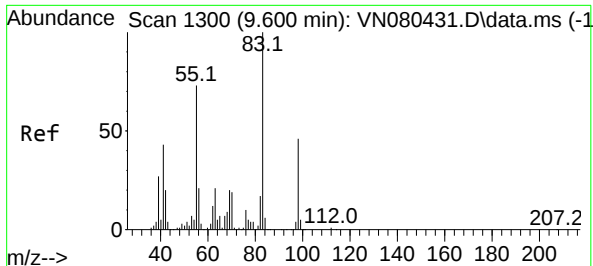
Ion Ratio Lower Upper

117 100

119 96.7 77.3 115.9

121 29.5 23.3 34.9





#39

Methylcyclohexane

Concen: 40.994 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

ClientSampleId :

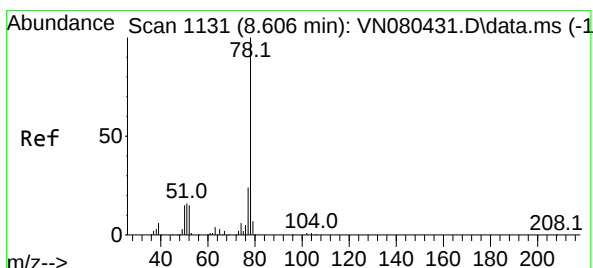
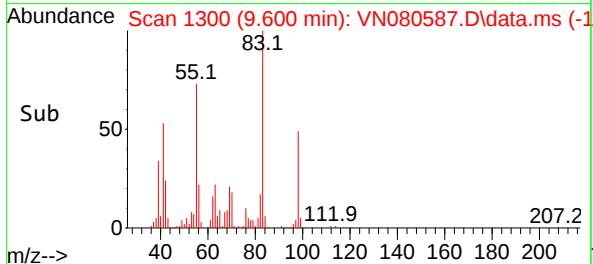
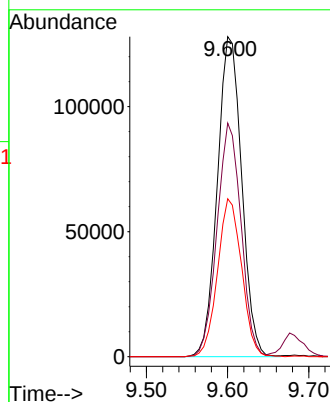
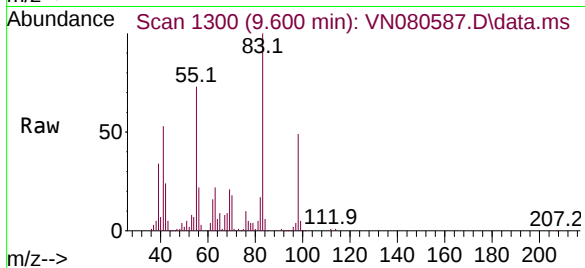
Tgt Ion: 83 Resp: 266677

Ion Ratio Lower Upper

83 100

55 73.0 49.1 73.7

98 49.3 40.6 61.0



#40

Benzene

Concen: 48.137 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080587.D

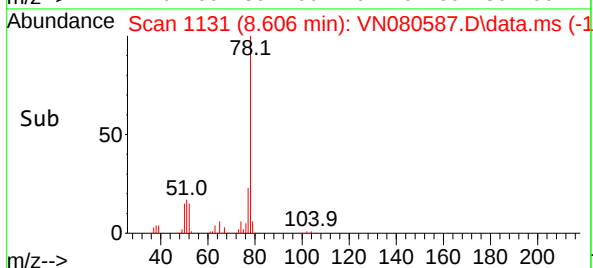
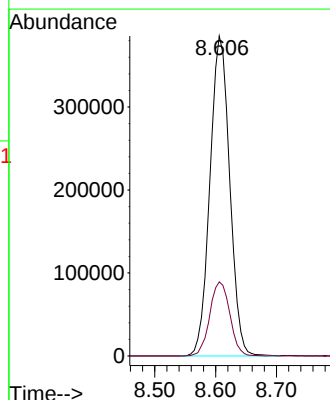
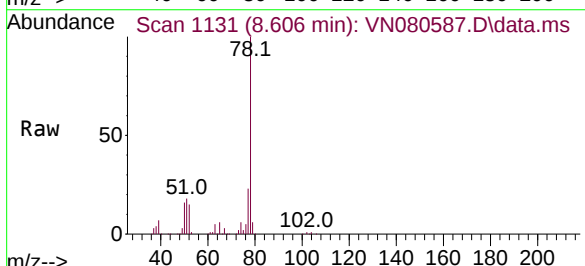
Acq: 21 Dec 2023 20:35

Tgt Ion: 78 Resp: 870443

Ion Ratio Lower Upper

78 100

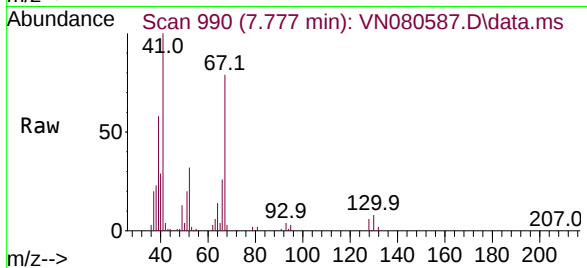
77 23.2 19.0 28.6



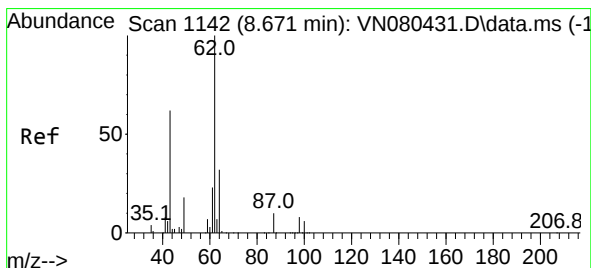
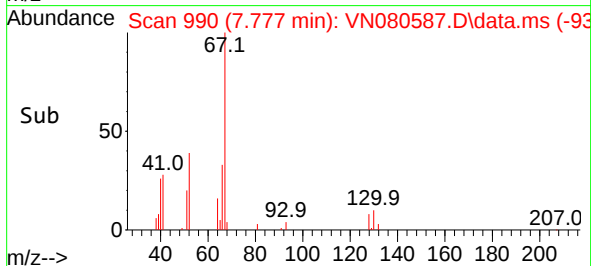
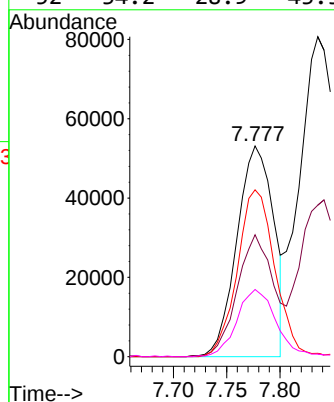


#41
Methacrylonitrile
Concen: 56.260 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Instrument :
MSVOA_N
ClientSampleId :

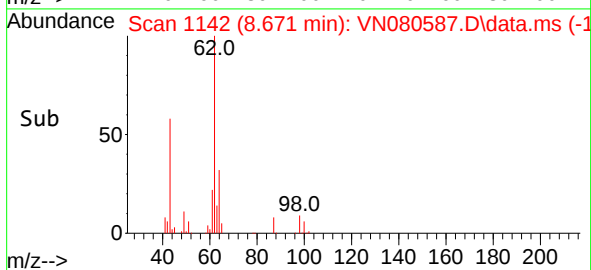
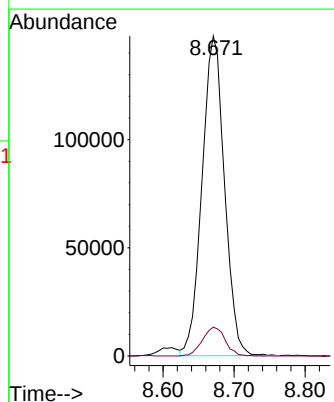
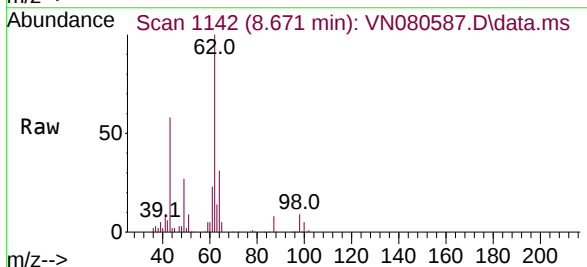


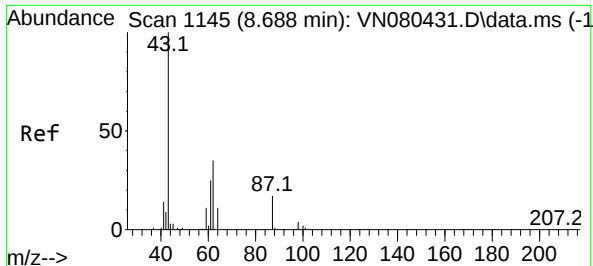
Tgt Ion: 41	Resp: 127186
Ion Ratio	Lower Upper
41 100	
39 59.2	42.6 64.0
67 81.6	77.5 116.3
52 34.2	28.9 43.3



#42
1,2-Dichloroethane
Concen: 48.471 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 62	Resp: 324571
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 19.8

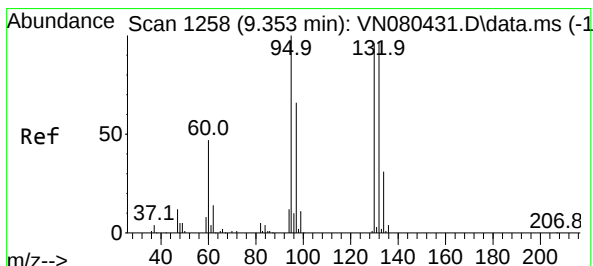
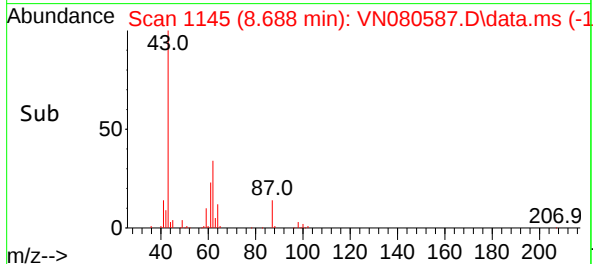
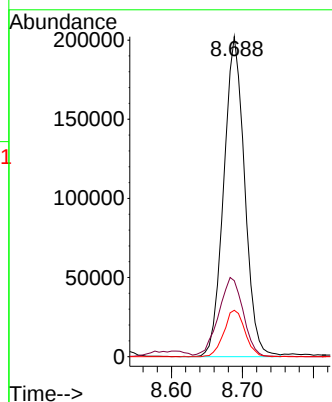
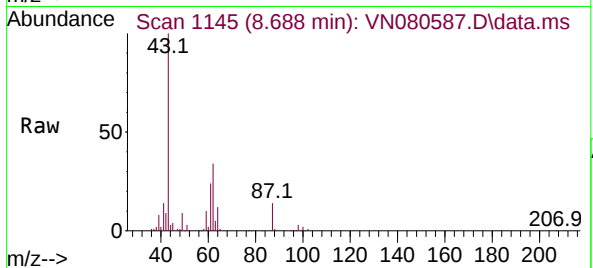




#43
Isopropyl Acetate
Concen: 58.520 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

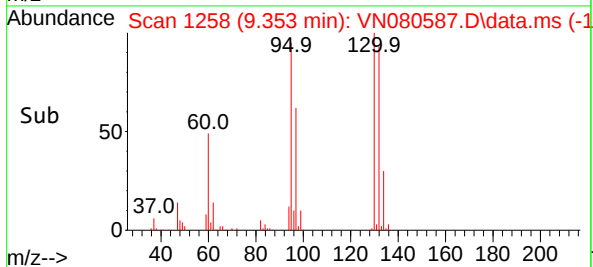
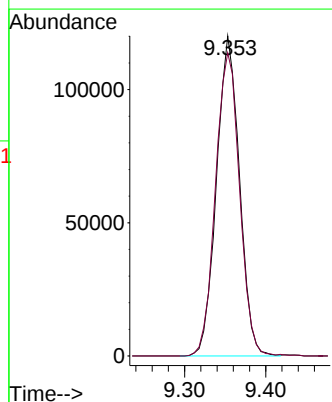
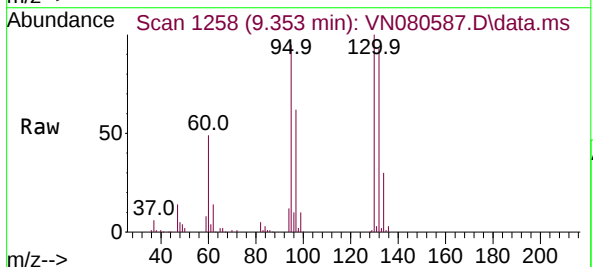
Instrument :
MSVOA_N
ClientSampleId :

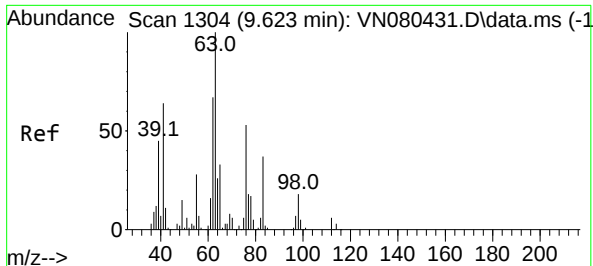
Tgt Ion: 43 Resp: 412602
Ion Ratio Lower Upper
43 100
61 28.9 24.7 37.1
87 14.6 14.6 21.8



#44
Trichloroethene
Concen: 48.454 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion:130 Resp: 236203
Ion Ratio Lower Upper
130 100
95 94.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.841 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

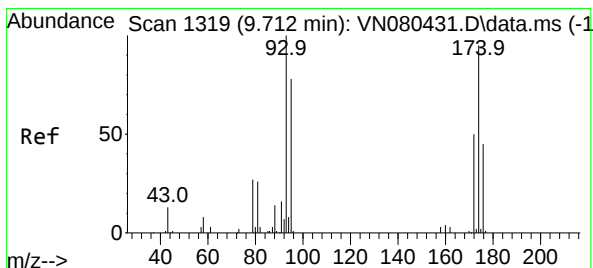
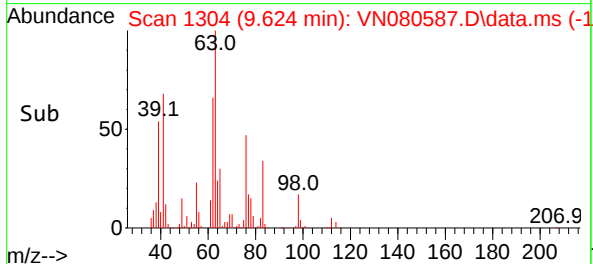
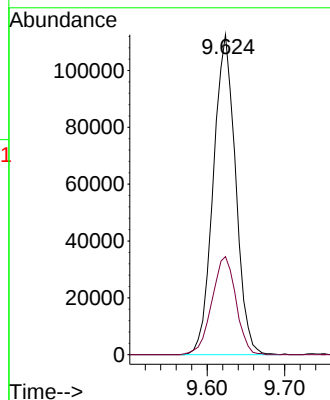
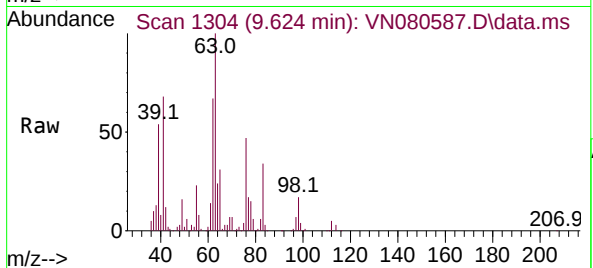
ClientSampleId :

Tgt Ion: 63 Resp: 224416

Ion Ratio Lower Upper

63 100

65 30.7 23.9 35.9



#46

Dibromomethane

Concen: 51.437 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

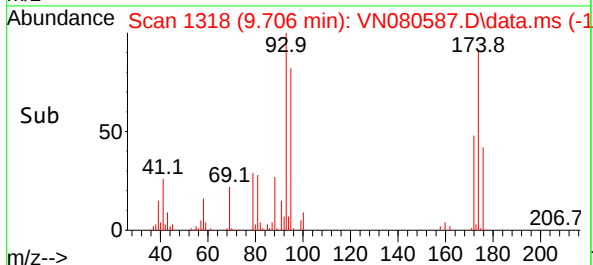
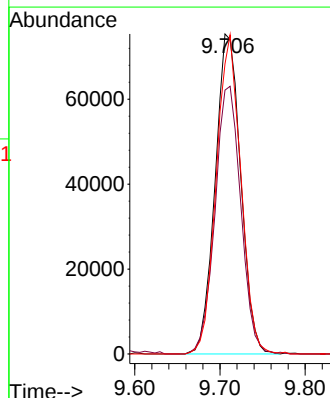
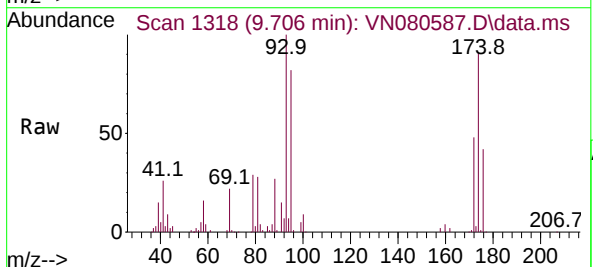
Tgt Ion: 93 Resp: 156883

Ion Ratio Lower Upper

93 100

95 84.7 63.8 95.8

174 95.9 65.6 98.4





#47

Bromodichloromethane

Concen: 50.464 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

ClientSampleId :

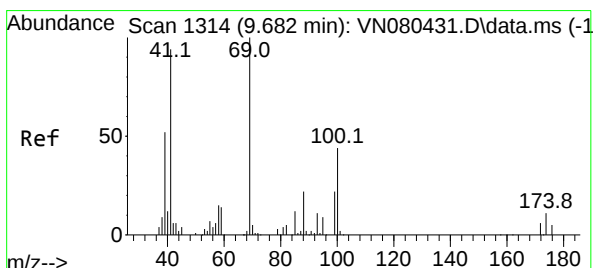
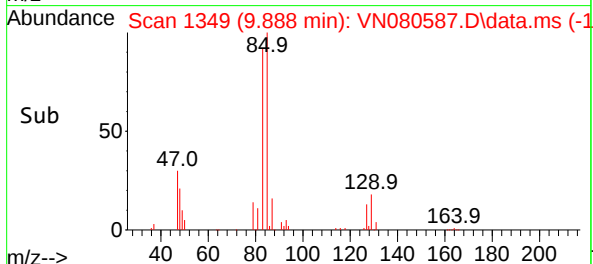
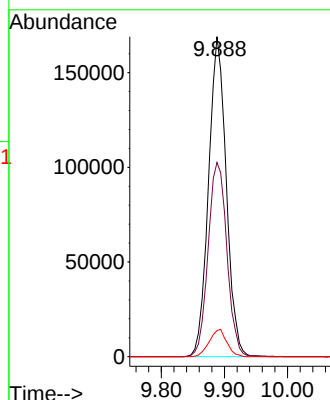
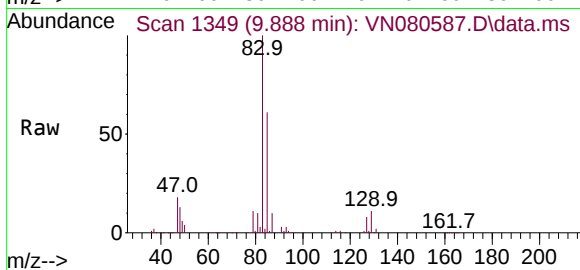
Tgt Ion: 83 Resp: 329865

Ion Ratio Lower Upper

83 100

85 60.7 49.6 74.4

127 8.1 7.0 10.6



#48

Methyl methacrylate

Concen: 58.088 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

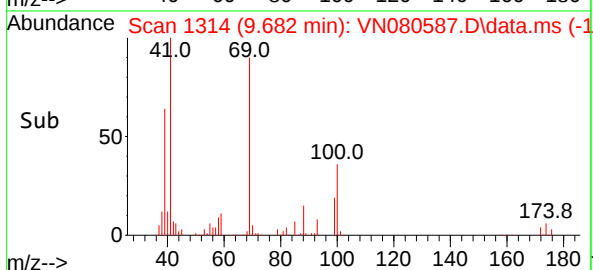
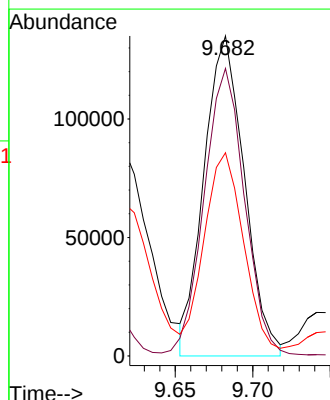
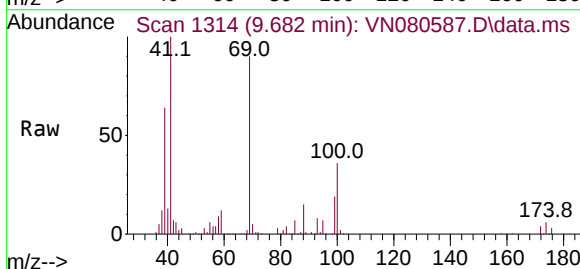
Tgt Ion: 41 Resp: 244405

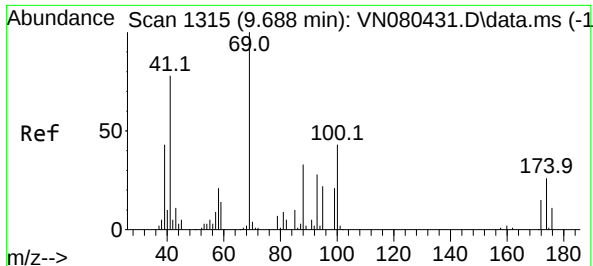
Ion Ratio Lower Upper

41 100

69 90.8 90.4 135.6

39 63.3 54.6 81.8





#49

1,4-Dioxane

Concen: 926.720 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

ClientSampleId :

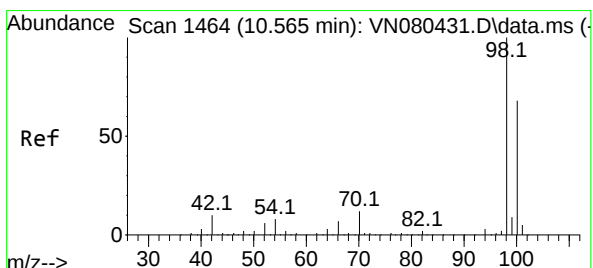
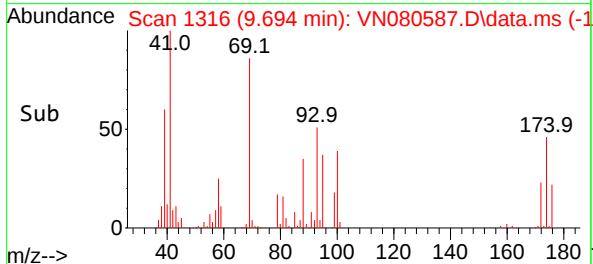
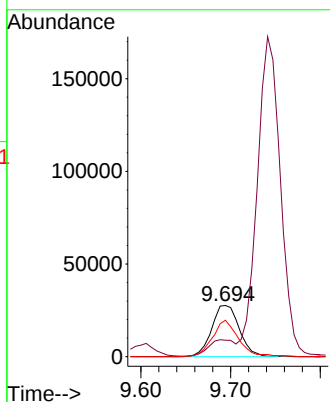
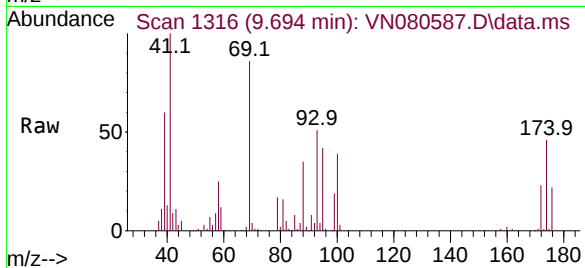
Tgt Ion: 88 Resp: 59101

Ion Ratio Lower Upper

88 100

43 31.2 17.0 25.6#

58 67.7 47.0 70.4



#50

Toluene-d8

Concen: 64.889 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080587.D

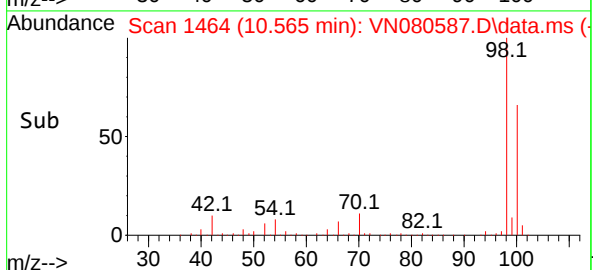
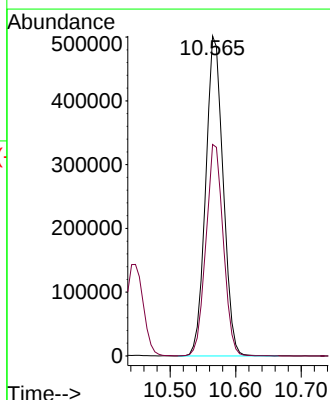
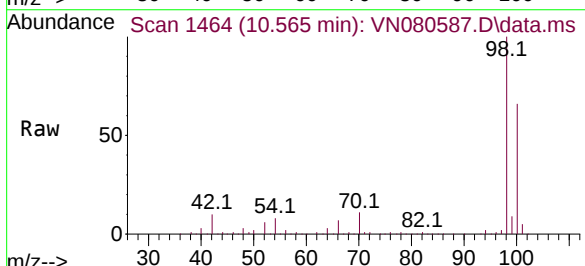
Acq: 21 Dec 2023 20:35

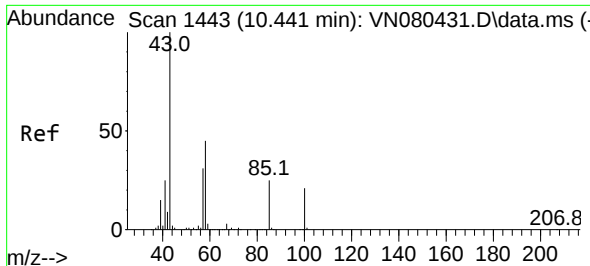
Tgt Ion: 98 Resp: 926836

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0

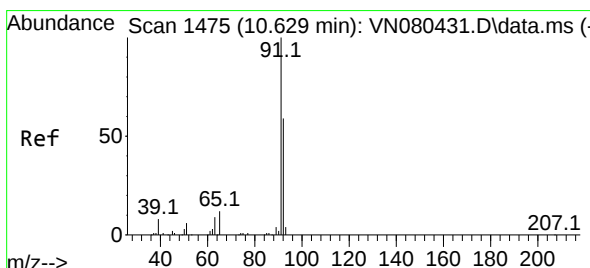
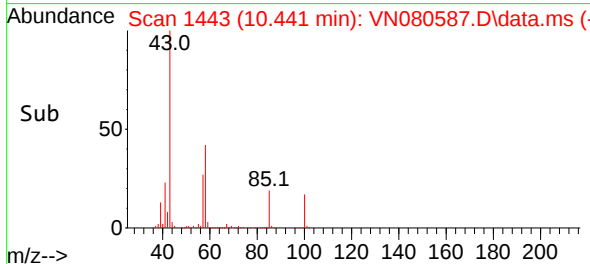
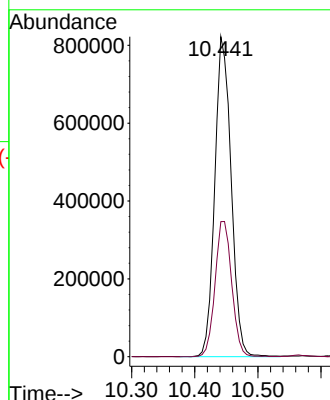
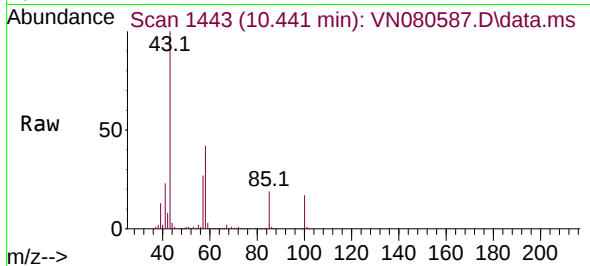




#51
4-Methyl-2-Pentanone
Concen: 380.712 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

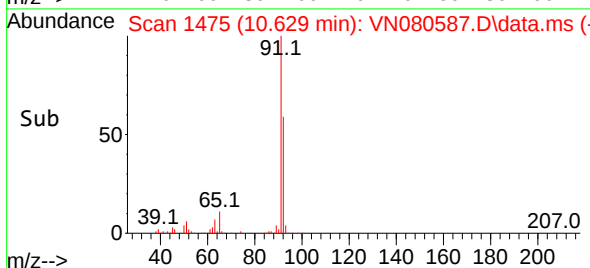
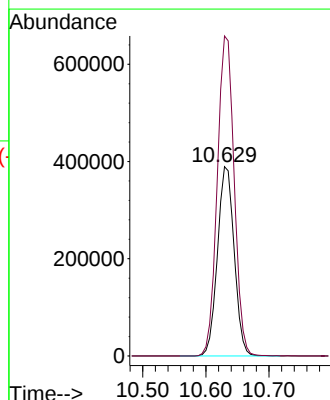
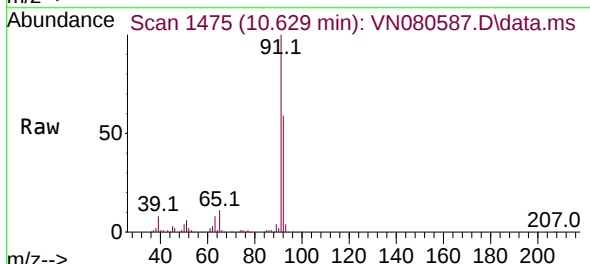
Instrument :
MSVOA_N
ClientSampleId :

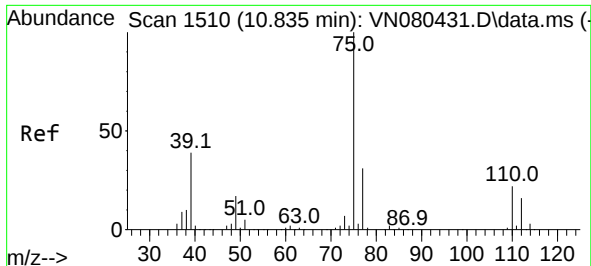
Tgt Ion: 43 Resp: 1478336
Ion Ratio Lower Upper
43 100
58 43.1 36.6 54.8



#52
Toluene
Concen: 62.640 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 92 Resp: 715566
Ion Ratio Lower Upper
92 100
91 171.0 137.4 206.0

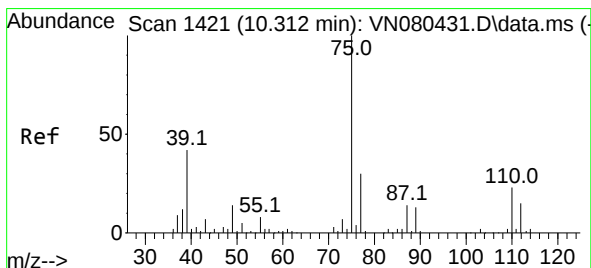
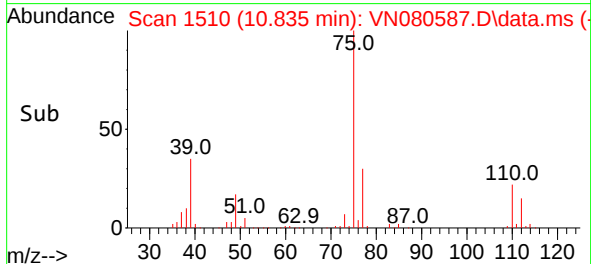
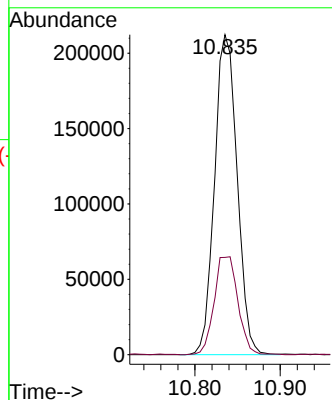
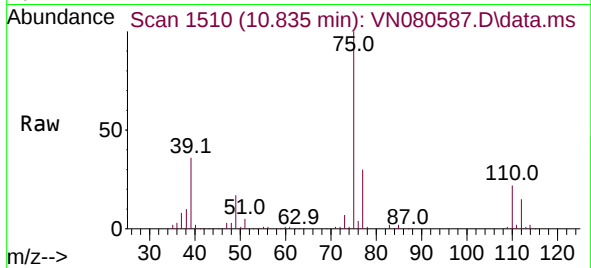




#53
 t-1,3-Dichloropropene
 Concen: 55.292 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

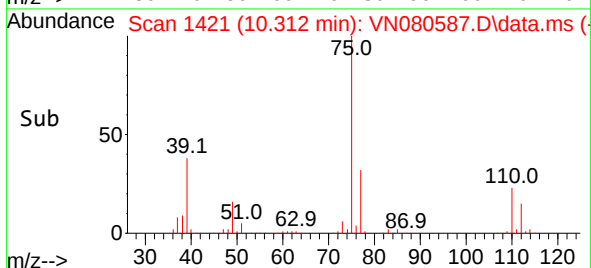
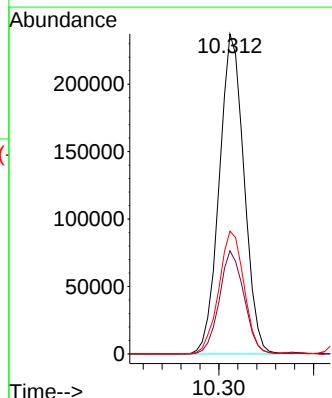
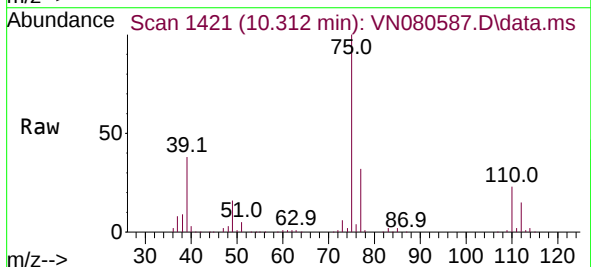
Instrument :
 MSVOA_N
 ClientSampleId :

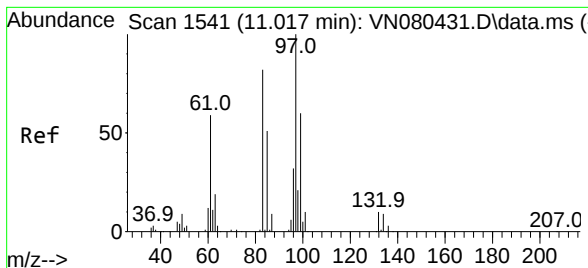
Tgt Ion: 75 Resp: 391043
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 57.048 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

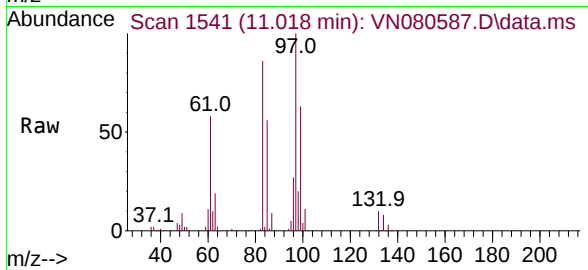
Tgt Ion: 75 Resp: 431241
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.1 39.1
 39 38.3 31.6 47.4



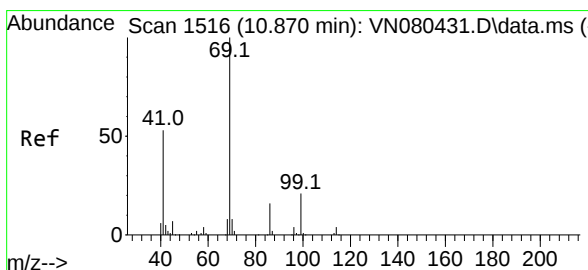
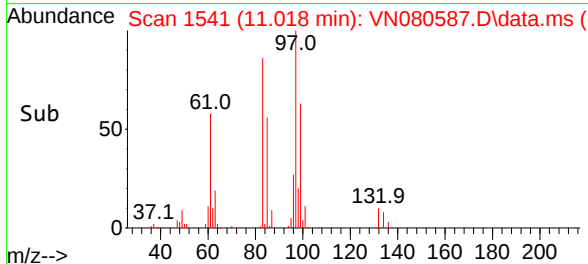
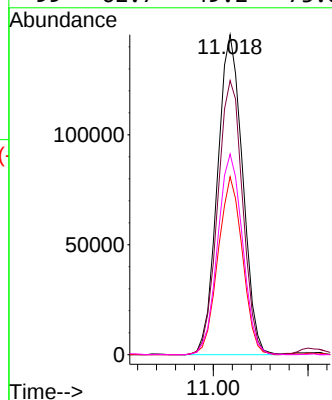


#55
1,1,2-Trichloroethane
Concen: 65.391 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Instrument :
MSVOA_N
ClientSampleId :

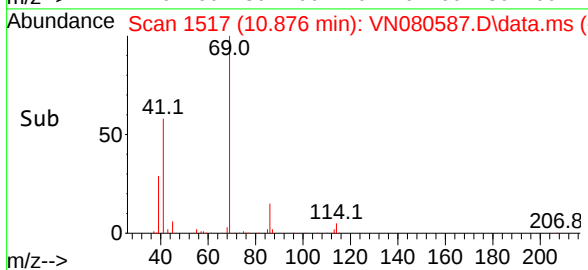
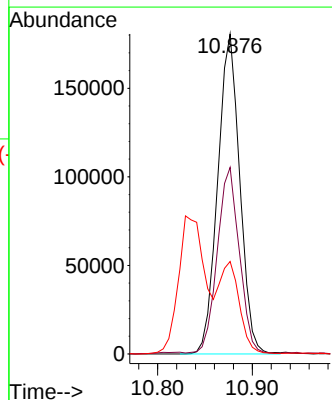
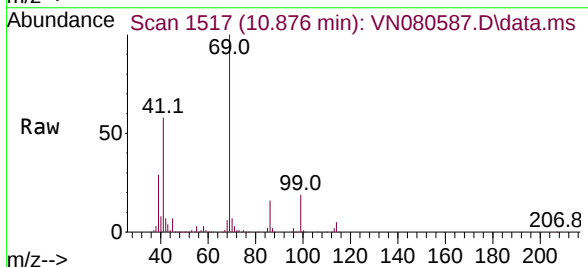


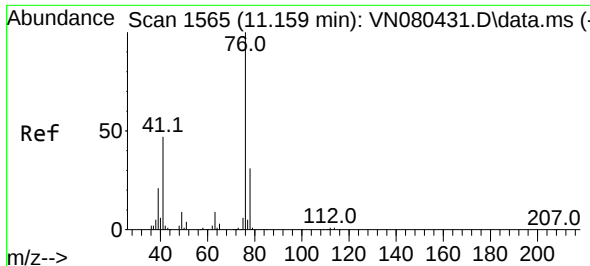
Tgt Ion:	97	Resp:	268782
Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.1	97.7
85	55.6	43.4	65.2
99	62.7	49.2	73.8



#56
Ethyl methacrylate
Concen: 64.269 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion:	69	Resp:	292472
Ion	Ratio	Lower	Upper
69	100		
41	57.9	39.6	59.4
39	26.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 57.690 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

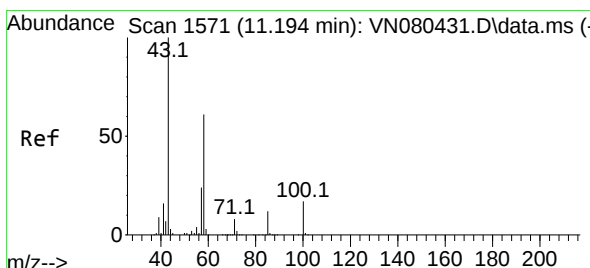
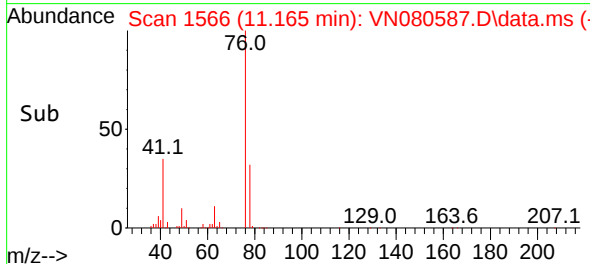
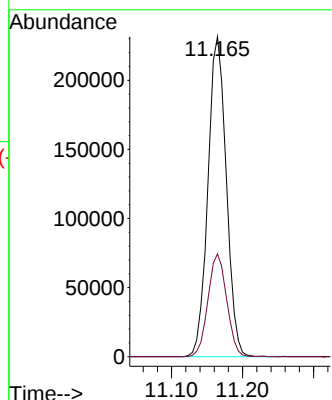
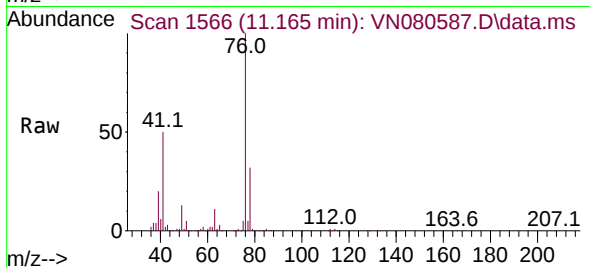
ClientSampleId :

Tgt Ion: 76 Resp: 415690

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#59

2-Hexanone

Concen: 324.862 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN080587.D

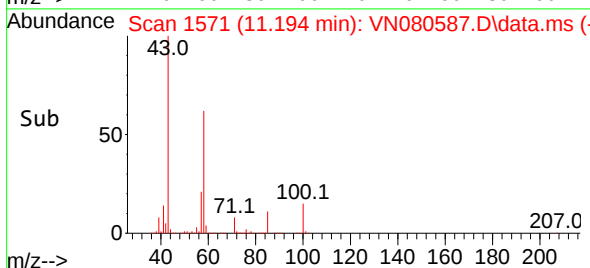
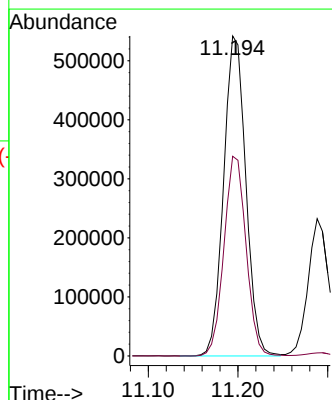
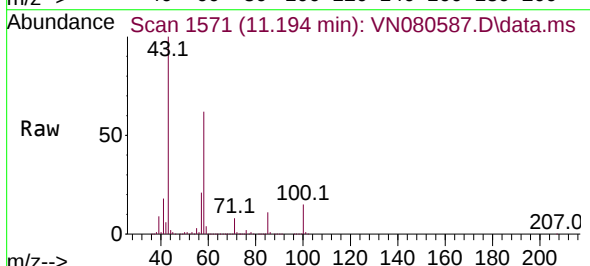
Acq: 21 Dec 2023 20:35

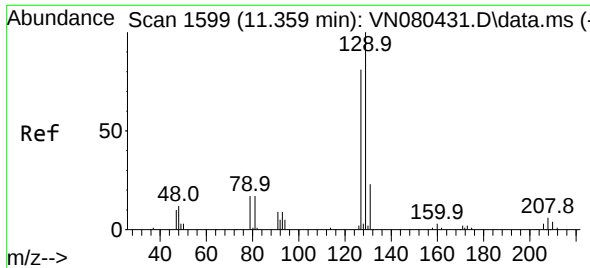
Tgt Ion: 43 Resp: 931274

Ion Ratio Lower Upper

43 100

58 62.1 31.7 95.1

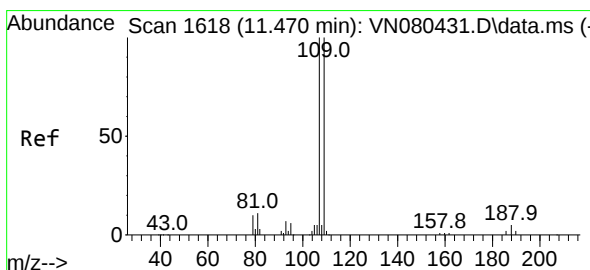
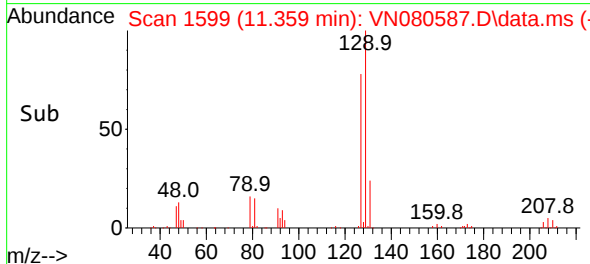
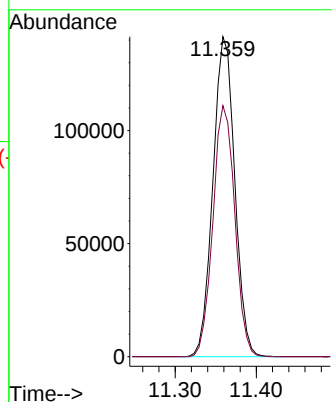
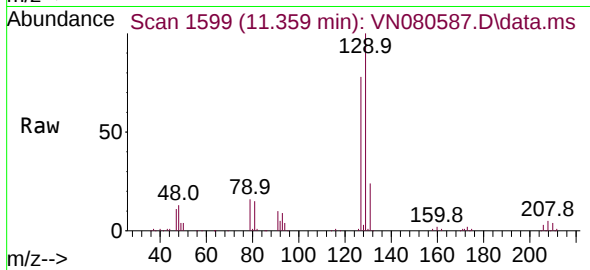




#60
Dibromochloromethane
Concen: 54.334 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

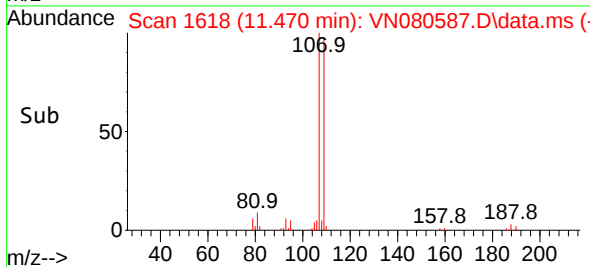
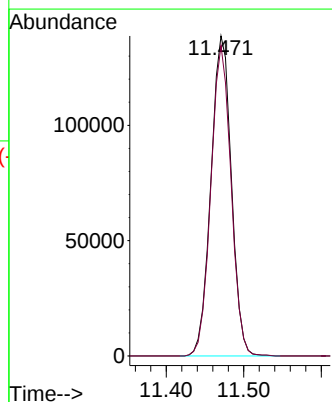
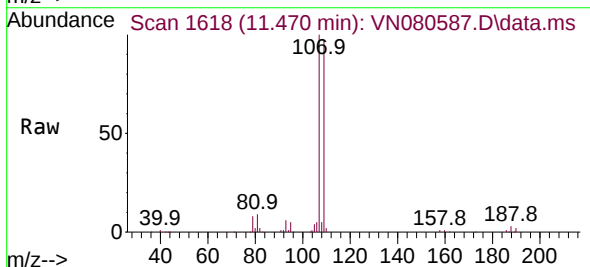
Instrument :
MSVOA_N
ClientSampleId :

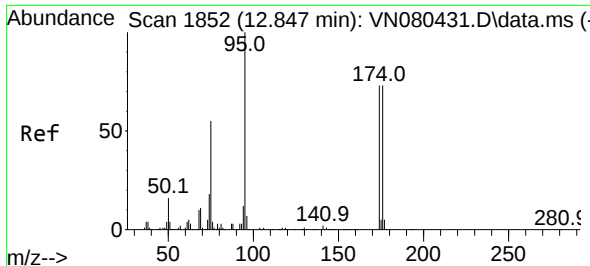
Tgt Ion:129 Resp: 264642
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0



#61
1,2-Dibromoethane
Concen: 59.691 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion:107 Resp: 253936
Ion Ratio Lower Upper
107 100
109 95.7 76.6 114.8

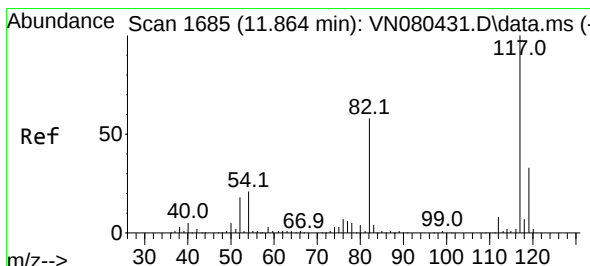
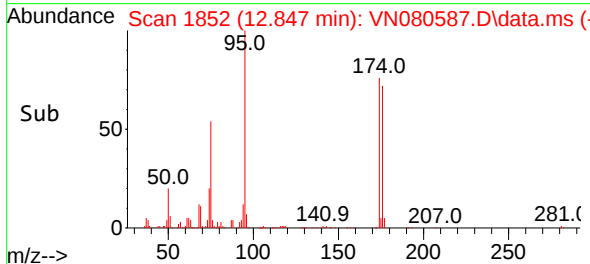
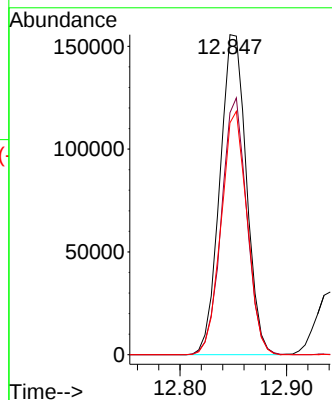
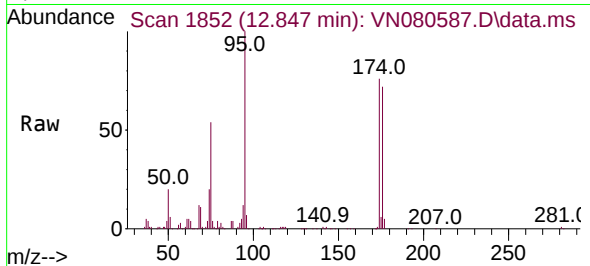




#62
4-Bromofluorobenzene
Concen: 49.609 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

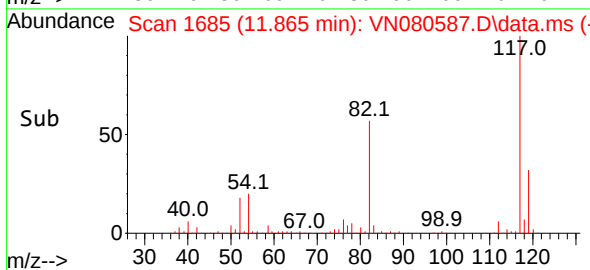
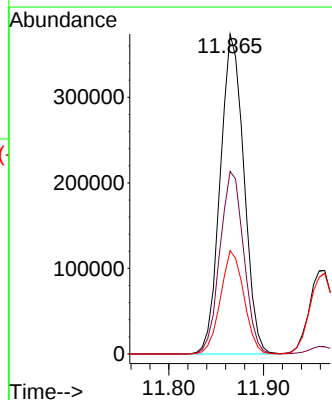
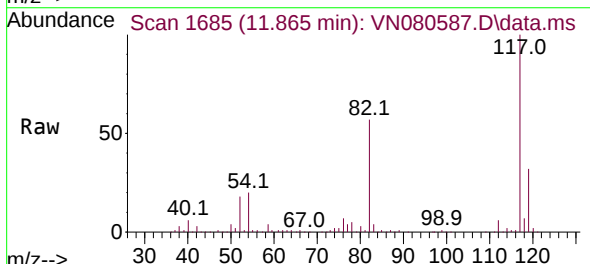
Instrument :
MSVOA_N
ClientSampleId :

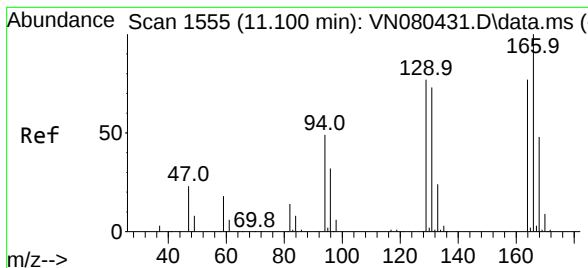
Tgt Ion: 95 Resp: 269069
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 74.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 117 Resp: 648834
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 32.3 25.6 38.4





#64

Tetrachloroethene

Concen: 40.583 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

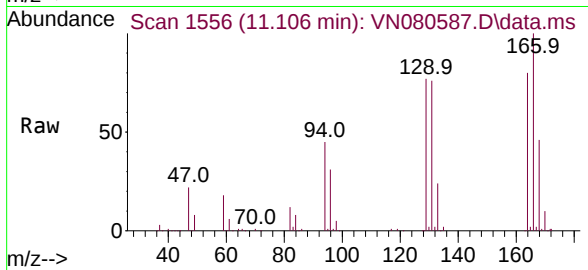
Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 203303

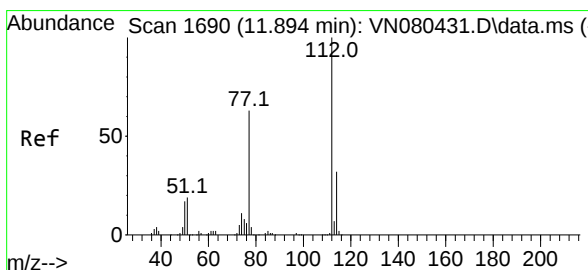
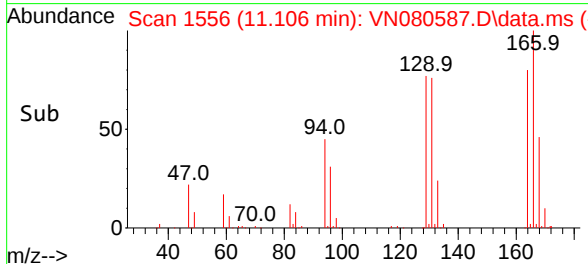
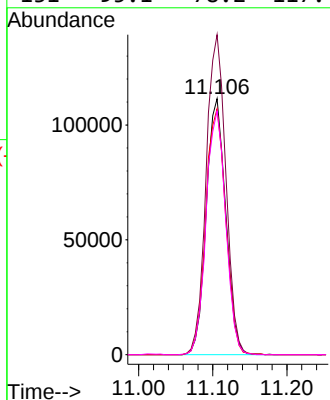
Ion Ratio Lower Upper

164 100

166 125.0 101.4 152.0

129 96.0 82.4 123.6

131 95.1 78.2 117.4



#65

Chlorobenzene

Concen: 48.088 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN080587.D

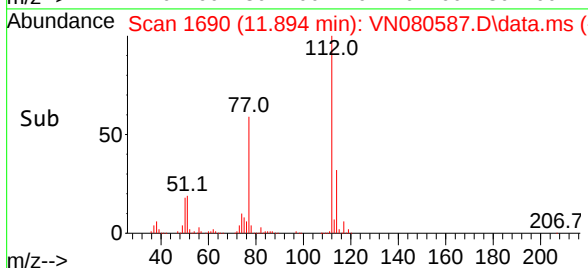
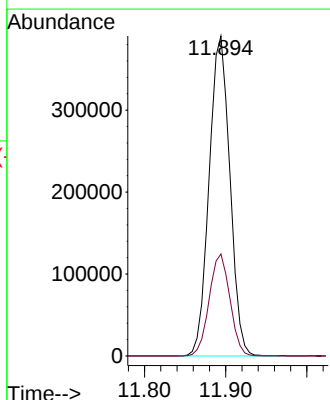
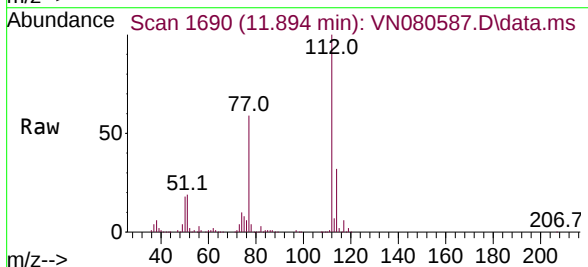
Acq: 21 Dec 2023 20:35

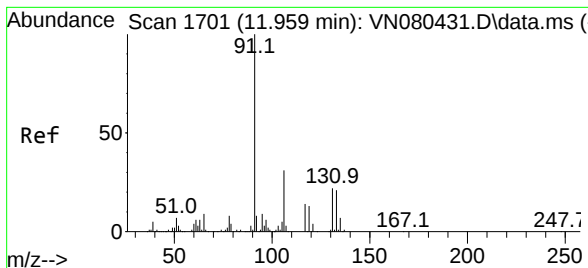
Tgt Ion:112 Resp: 694088

Ion Ratio Lower Upper

112 100

114 31.9 25.0 37.4

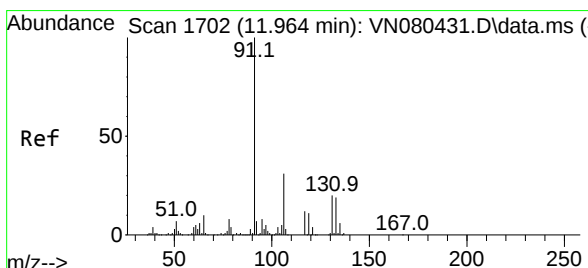
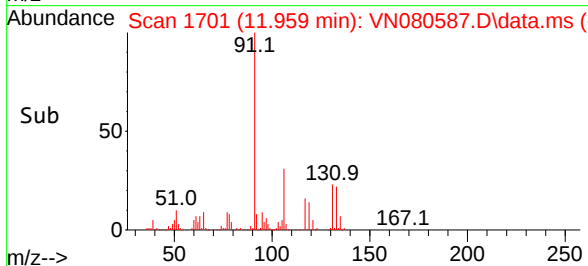
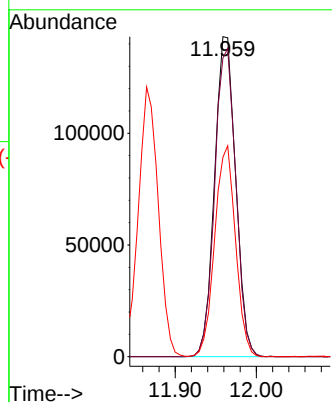
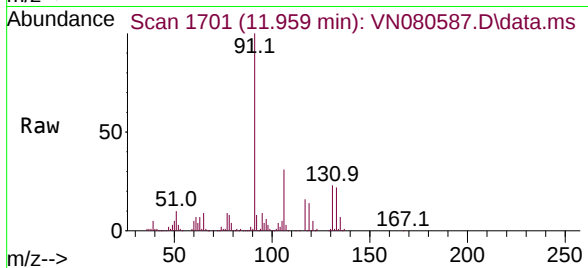




#66
 1,1,1,2-Tetrachloroethane
 Concen: 45.789 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

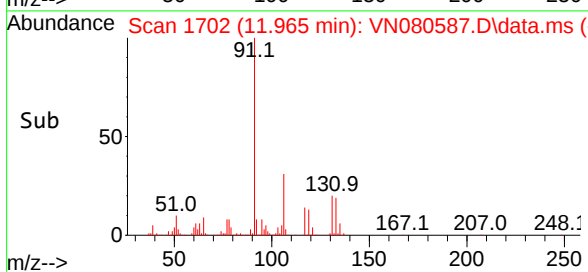
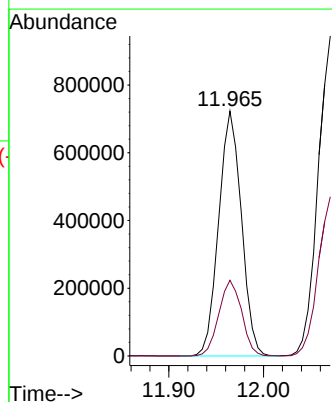
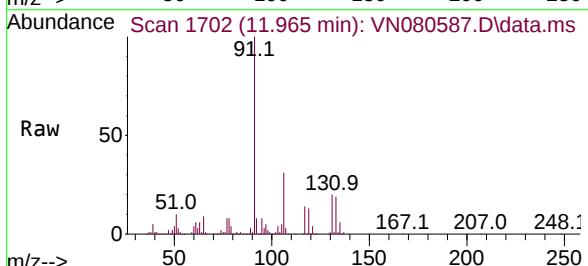
Instrument :
 MSVOA_N
 ClientSampleId :

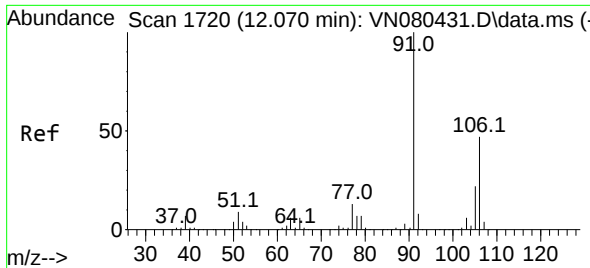
Tgt Ion:131 Resp: 259324
 Ion Ratio Lower Upper
 131 100
 133 96.5 46.4 139.1
 119 64.9 34.1 102.2



#67
 Ethyl Benzene
 Concen: 45.455 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

Tgt Ion: 91 Resp: 1206352
 Ion Ratio Lower Upper
 91 100
 106 30.9 25.6 38.4

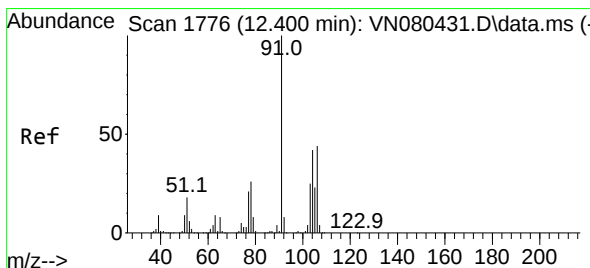
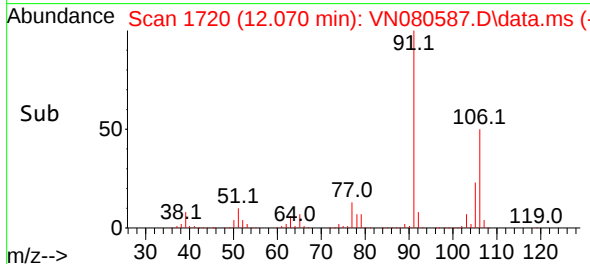
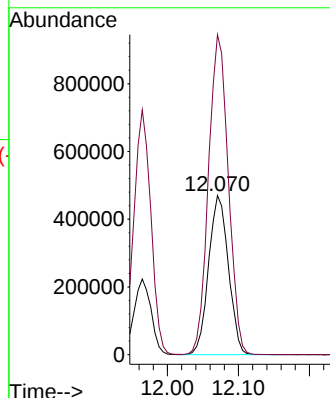
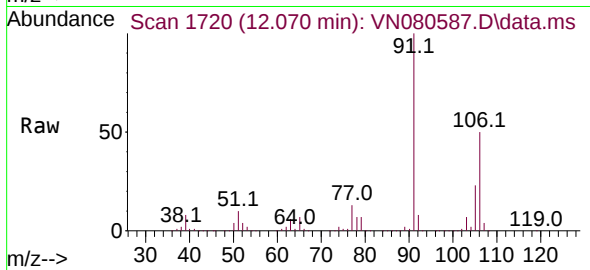




#68
m/p-Xylenes
Concen: 92.811 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

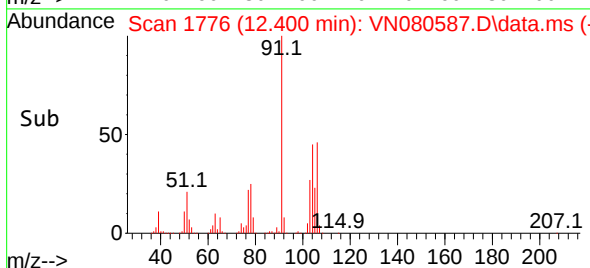
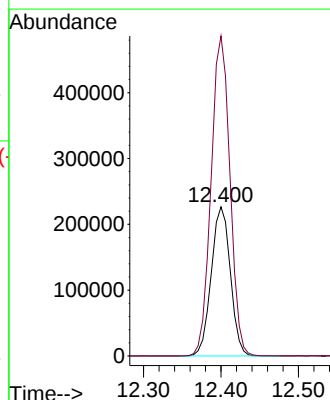
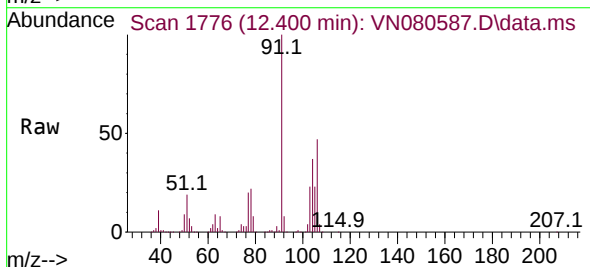
Instrument :
MSVOA_N
ClientSampleId :

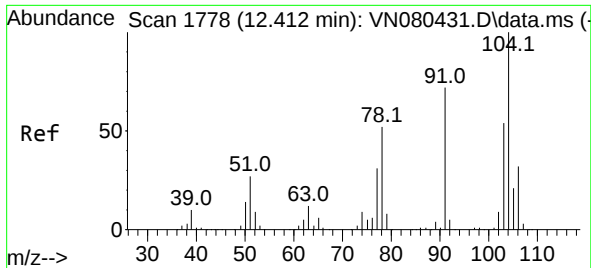
Tgt Ion:106 Resp: 910193
Ion Ratio Lower Upper
106 100
91 201.3 159.6 239.4



#69
o-Xylene
Concen: 40.398 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion:106 Resp: 387505
Ion Ratio Lower Upper
106 100
91 212.6 105.2 315.5

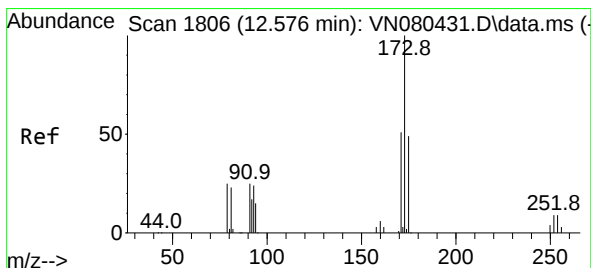
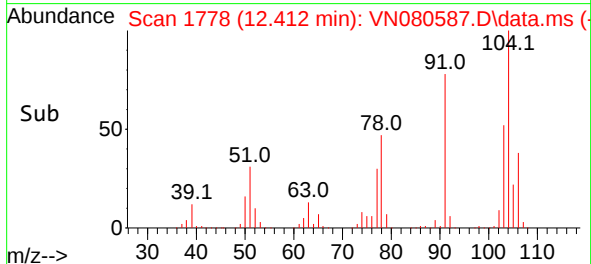
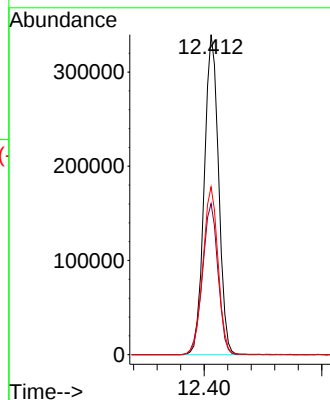
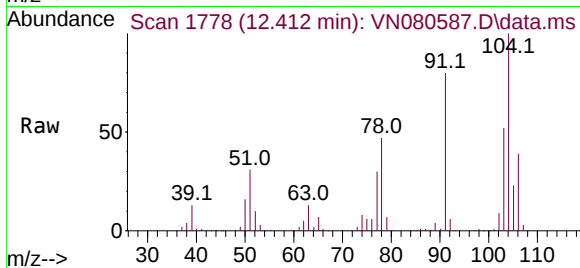




#70
Styrene
Concen: 41.684 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

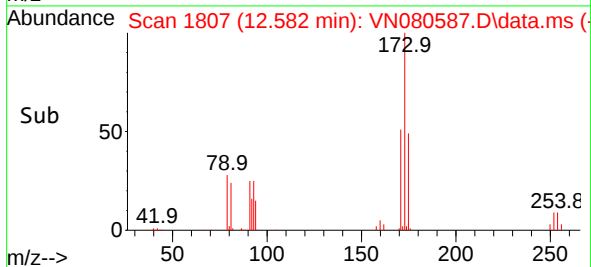
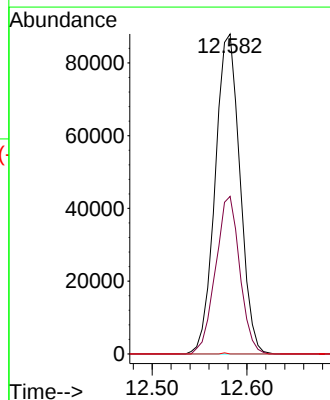
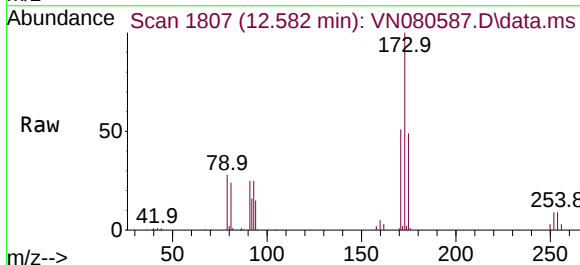
Instrument :
MSVOA_N
ClientSampleId :

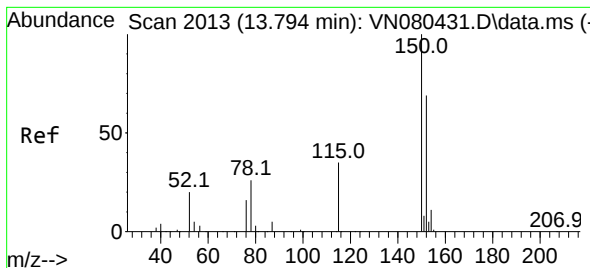
Tgt Ion:104 Resp: 575951
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 55.3 43.2 64.8



#71
Bromoform
Concen: 38.641 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion:173 Resp: 159590
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.1 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: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

ClientSampleId :

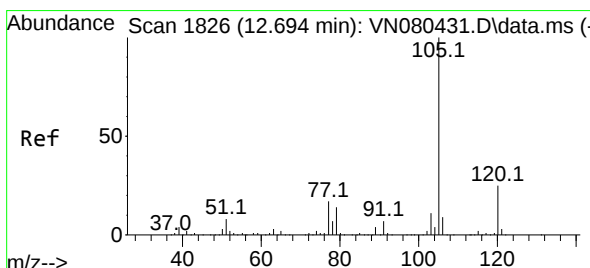
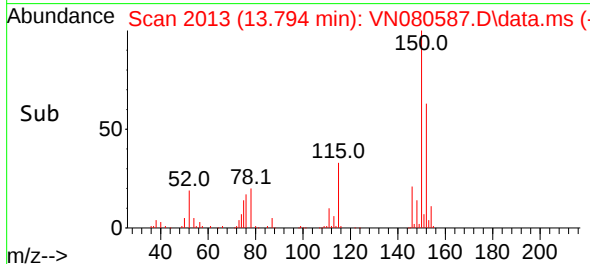
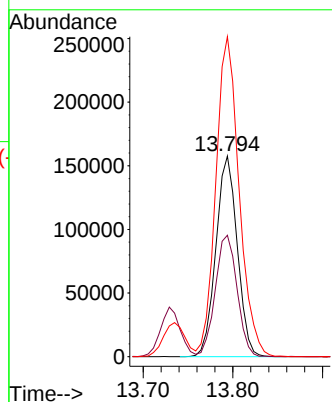
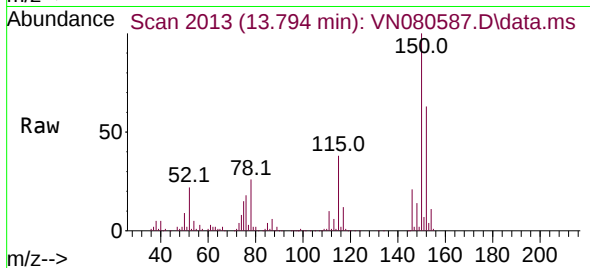
Tgt Ion:152 Resp: 260272

Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 173.9 0.0 355.8



#73

Isopropylbenzene

Concen: 46.586 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.006 min

Lab File: VN080587.D

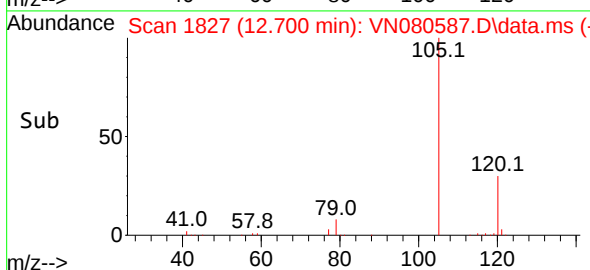
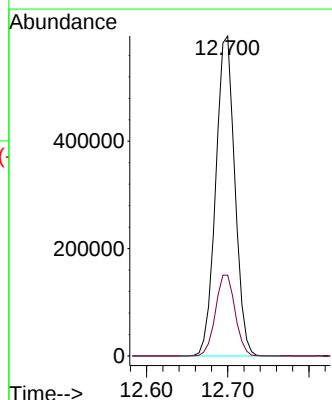
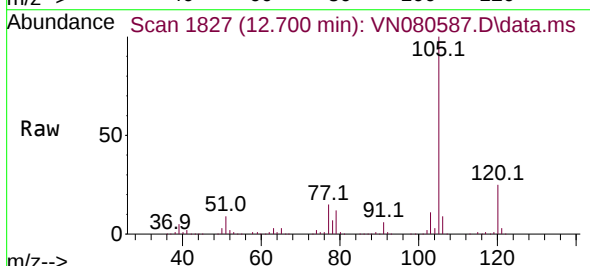
Acq: 21 Dec 2023 20:35

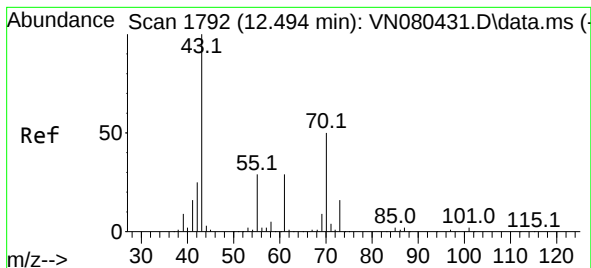
Tgt Ion:105 Resp: 974035

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1





#74

N-amy1 acetate

Concen: 58.206 ug/l

RT: 12.494 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 355385

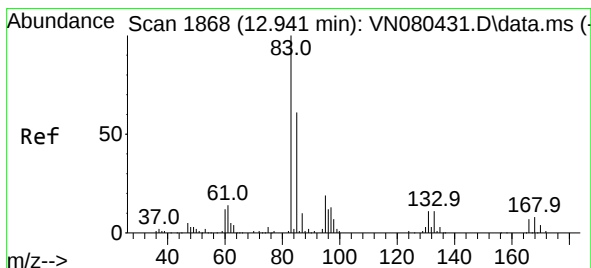
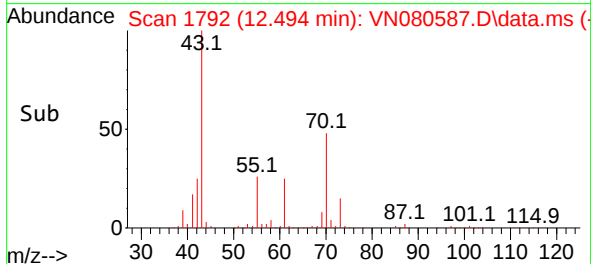
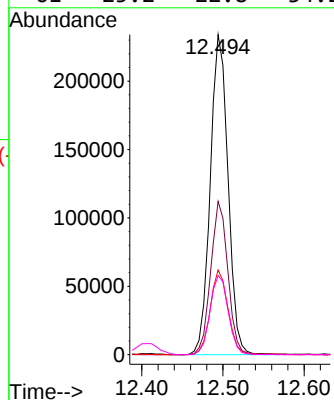
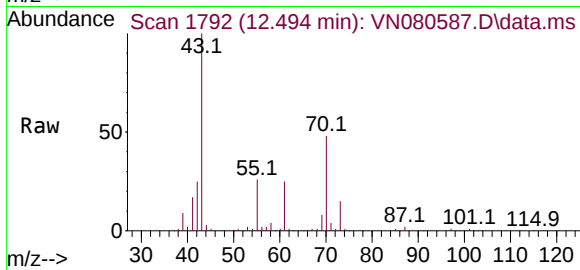
Ion Ratio Lower Upper

43 100

70 46.4 43.4 65.2

55 26.5 21.4 32.0

61 25.2 22.8 34.2



#75

1,1,2,2-Tetrachloroethane

Concen: 54.395 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

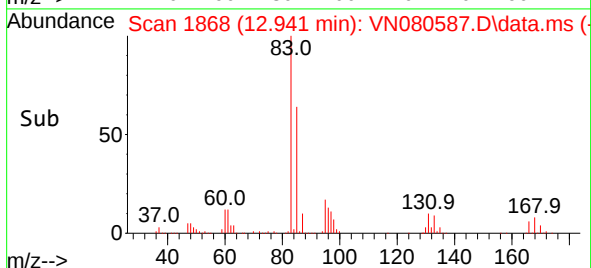
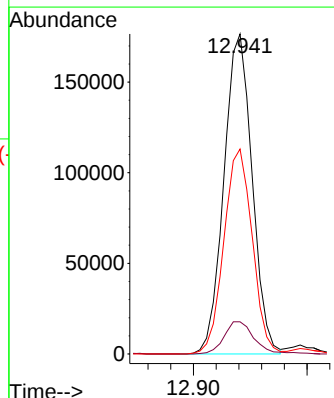
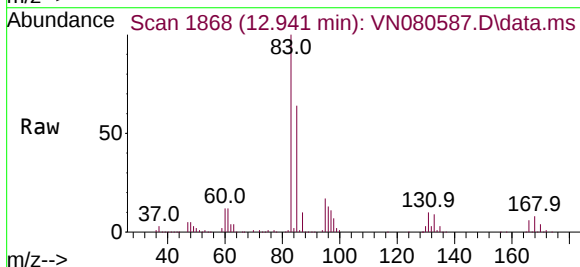
Tgt Ion: 83 Resp: 304755

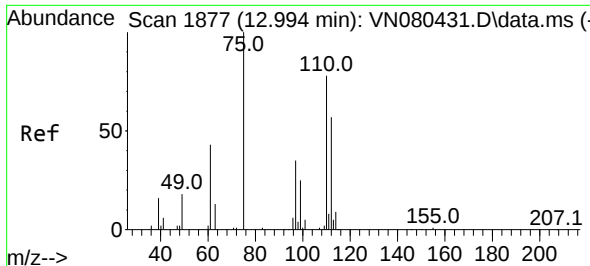
Ion Ratio Lower Upper

83 100

131 10.8 5.0 15.0

85 64.5 31.9 95.7

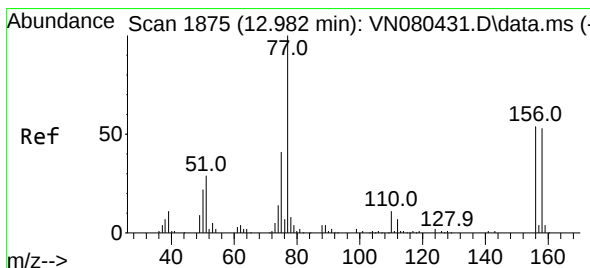
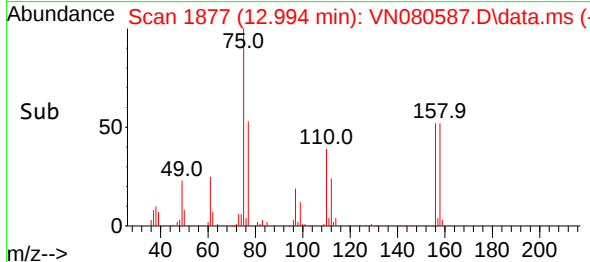
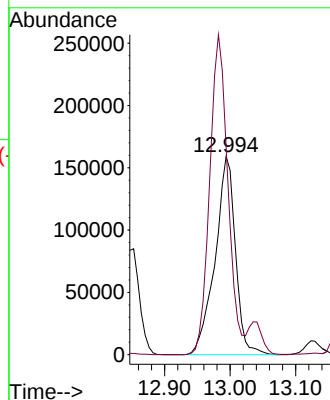
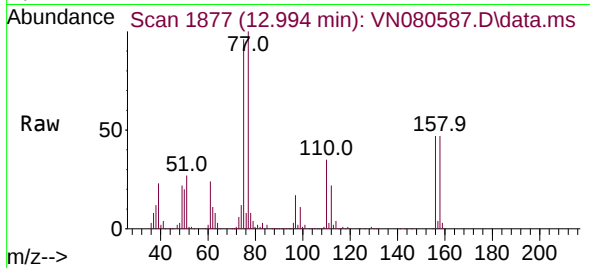




#76
1,2,3-Trichloropropane
Concen: 65.997 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

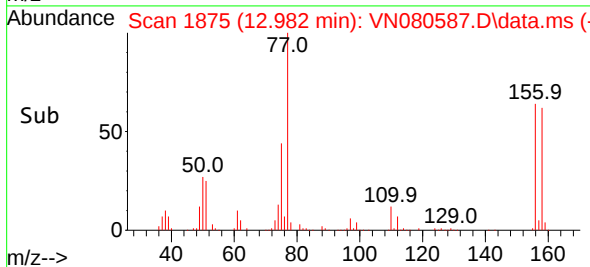
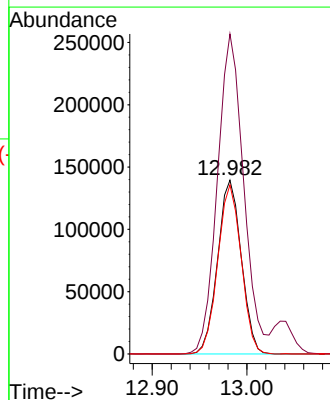
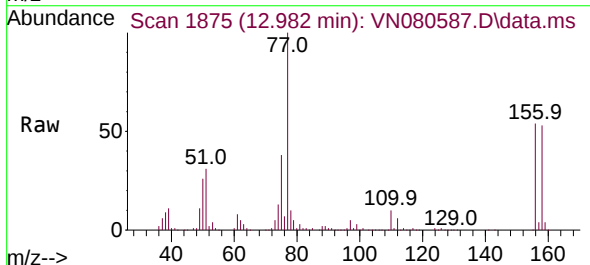
Instrument :
MSVOA_N
ClientSampleId :

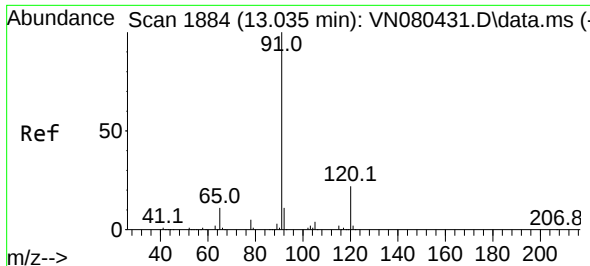
Tgt Ion: 75 Resp: 342678
Ion Ratio Lower Upper
75 100
77 145.1 84.5 253.5



#77
Bromobenzene
Concen: 47.130 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion:156 Resp: 242409
Ion Ratio Lower Upper
156 100
77 205.1 107.7 323.3
158 96.0 48.4 145.3

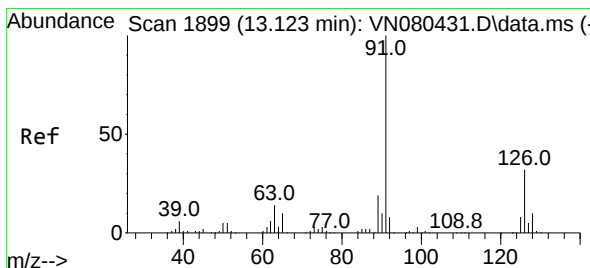
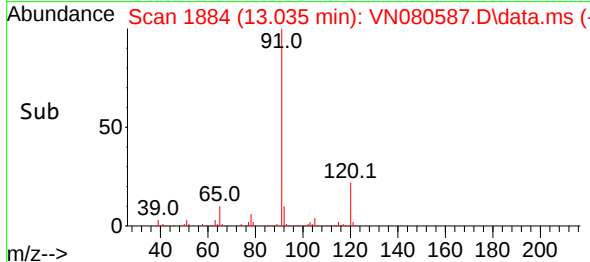
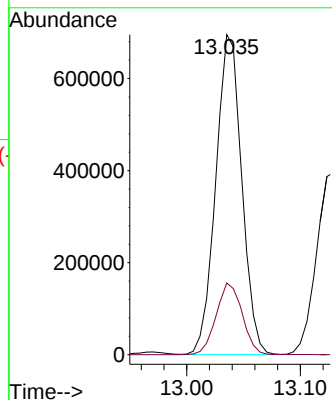
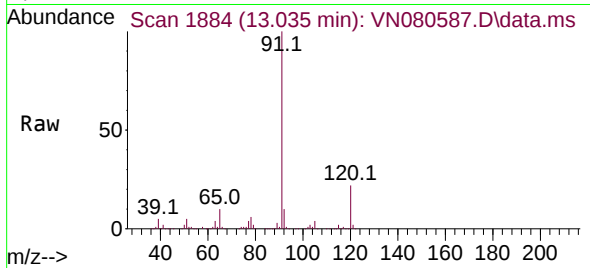




#78
n-propylbenzene
Concen: 47.883 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

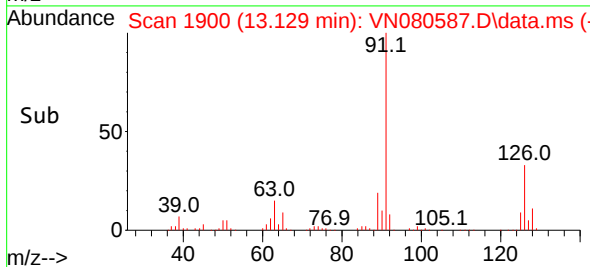
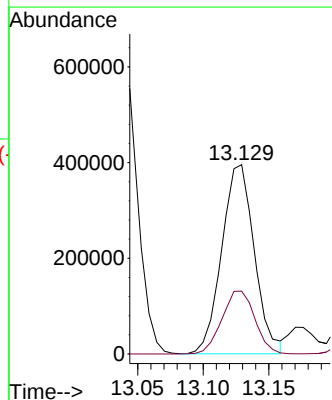
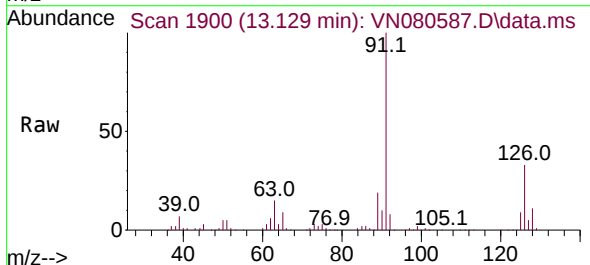
Instrument :
MSVOA_N
ClientSampleId :

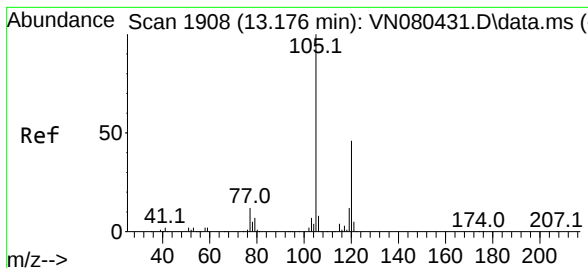
Tgt Ion: 91 Resp: 1103827
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 45.520 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 91 Resp: 685085
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 45.047 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

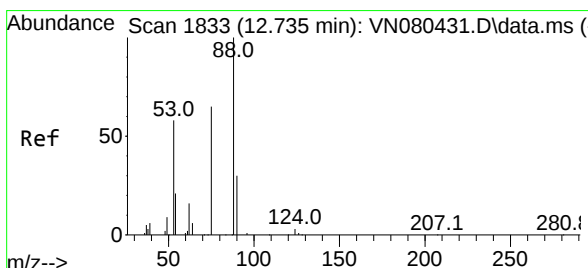
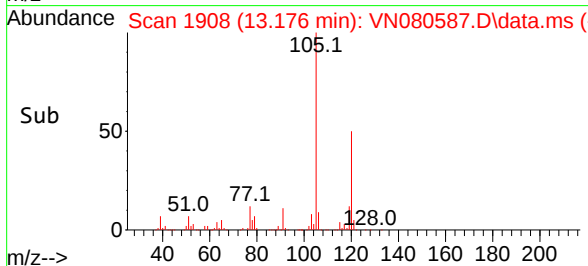
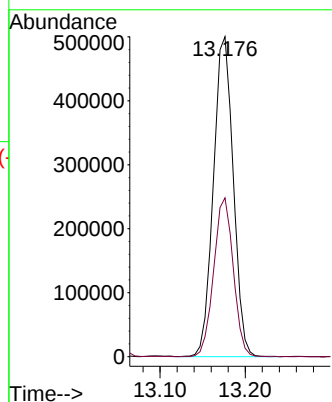
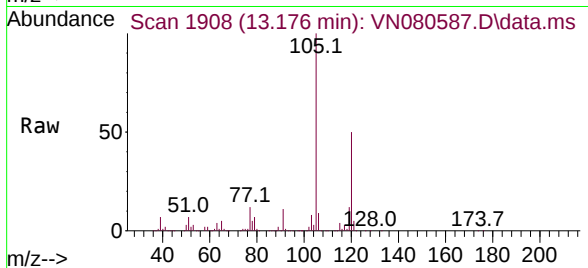
ClientSampleId :

Tgt Ion:105 Resp: 811172

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 24.176 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

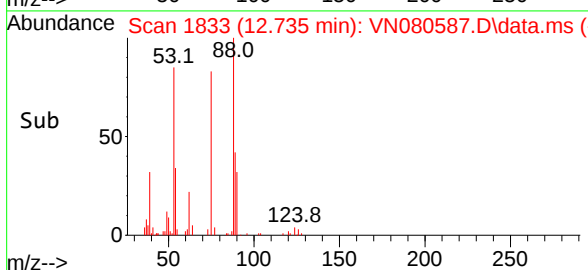
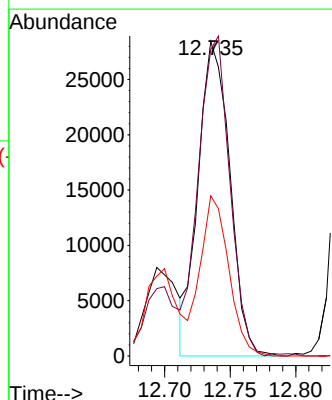
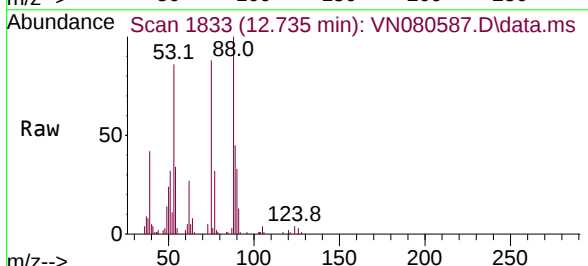
Tgt Ion: 75 Resp: 47810

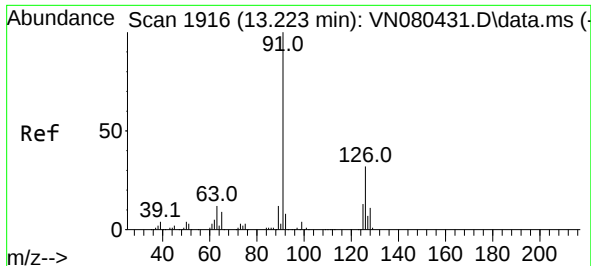
Ion Ratio Lower Upper

75 100

53 100.5 67.4 101.2

89 45.2 38.8 58.2

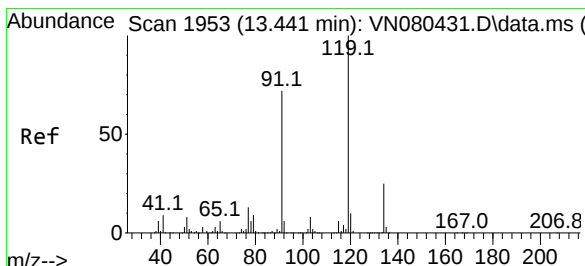
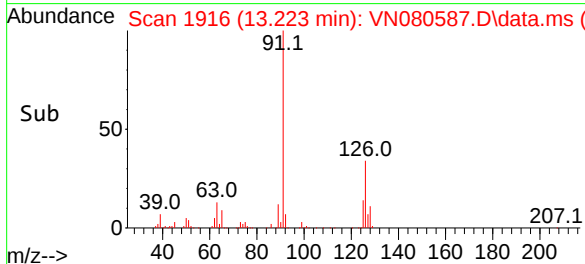
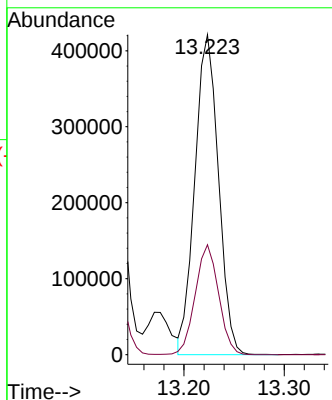
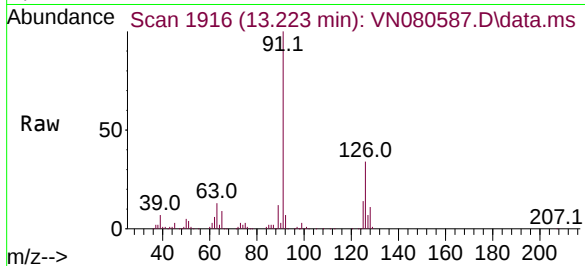




#82
4-Chlorotoluene
Concen: 44.546 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

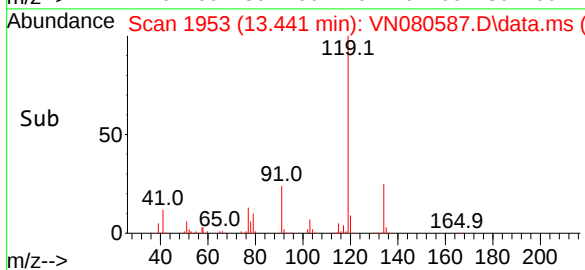
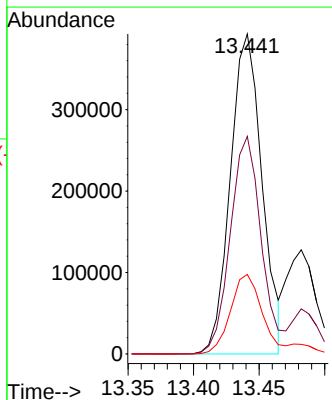
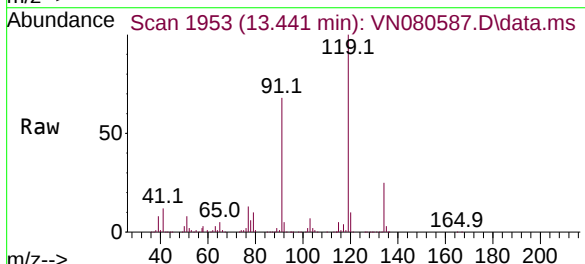
Instrument :
MSVOA_N
ClientSampleId :

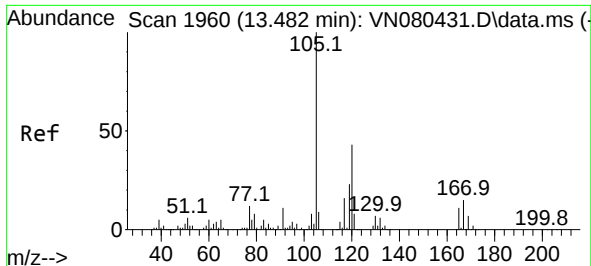
Tgt Ion: 91 Resp: 689107
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0



#83
tert-Butylbenzene
Concen: 44.840 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 119 Resp: 661270
Ion Ratio Lower Upper
119 100
91 67.2 33.9 101.7
134 24.8 13.2 39.6

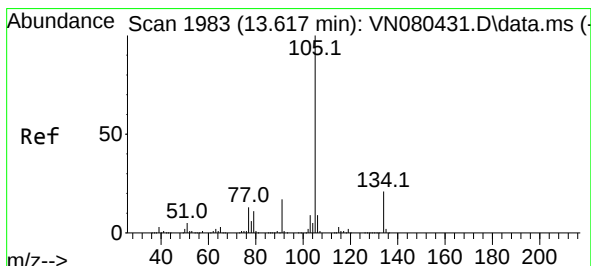
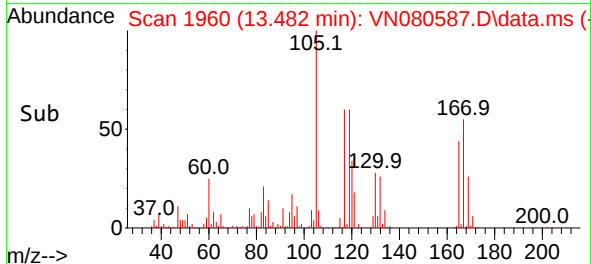
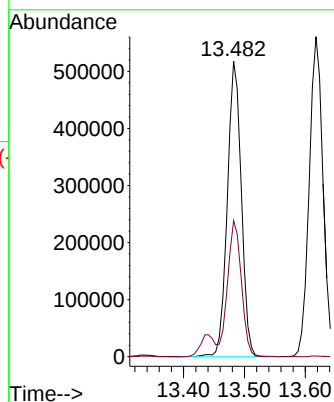
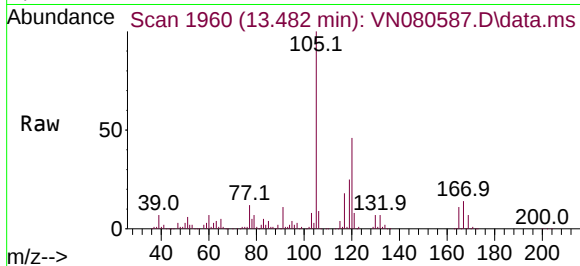




#84
1,2,4-Trimethylbenzene
Concen: 45.923 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

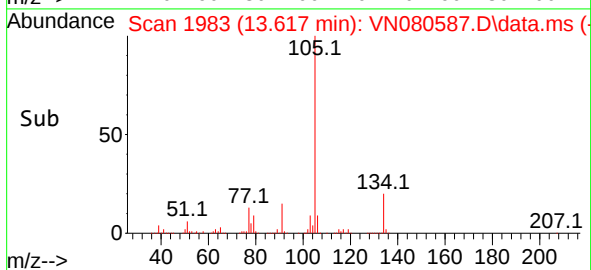
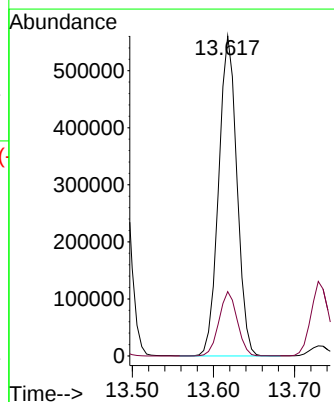
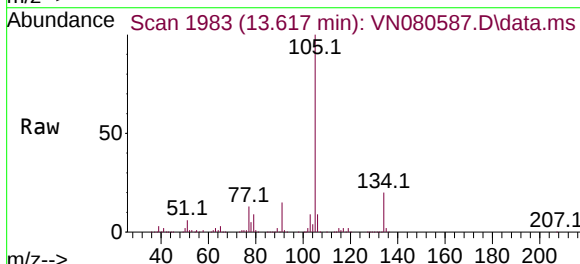
Instrument :
MSVOA_N
ClientSampleId :

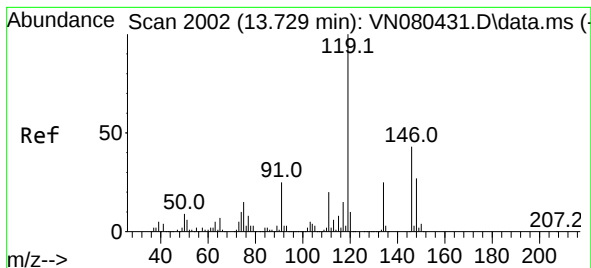
Tgt Ion:105 Resp: 822676
Ion Ratio Lower Upper
105 100
120 45.8 22.0 66.0



#85
sec-Butylbenzene
Concen: 46.593 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion:105 Resp: 878970
Ion Ratio Lower Upper
105 100
134 20.1 9.8 29.3





#86

p-Isopropyltoluene

Concen: 46.280 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

ClientSampleId :

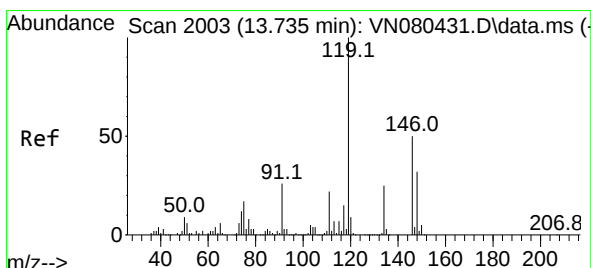
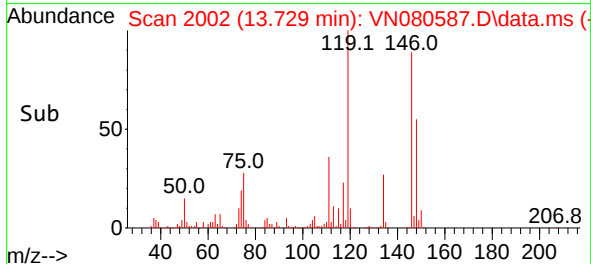
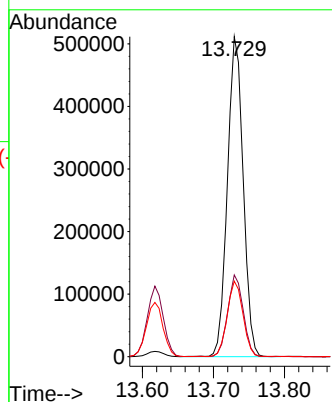
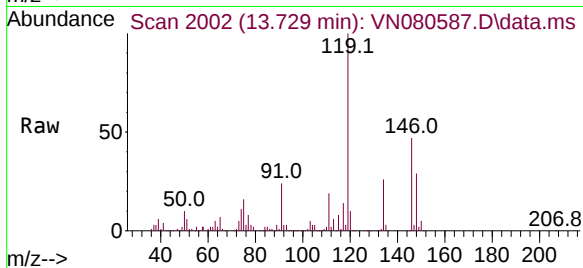
Tgt Ion:119 Resp: 788317

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 23.4 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 46.587 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

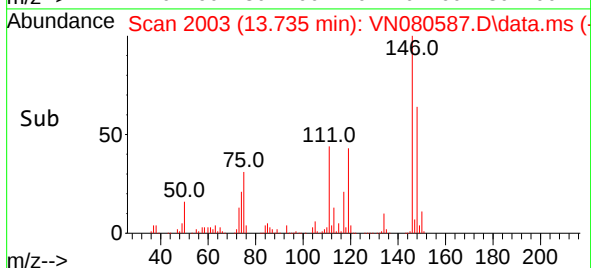
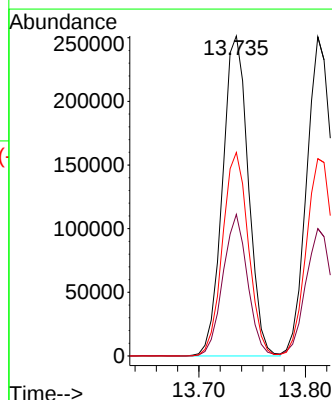
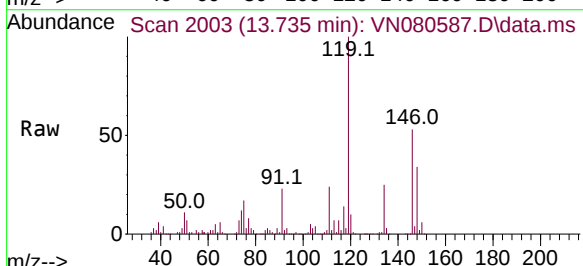
Tgt Ion:146 Resp: 422179

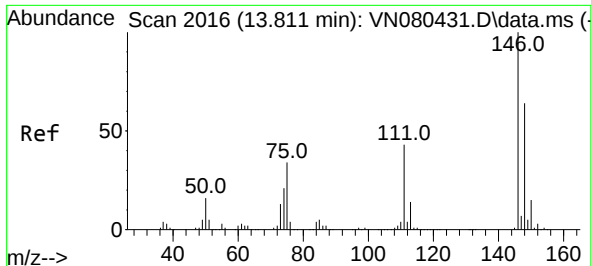
Ion Ratio Lower Upper

146 100

111 42.3 22.1 66.3

148 63.7 32.0 96.0

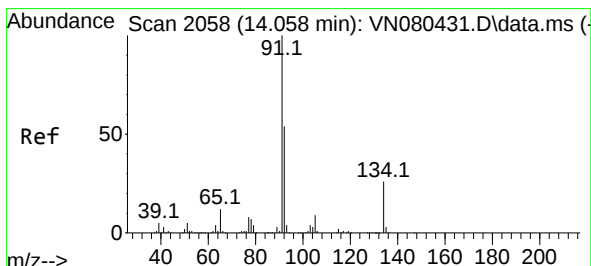
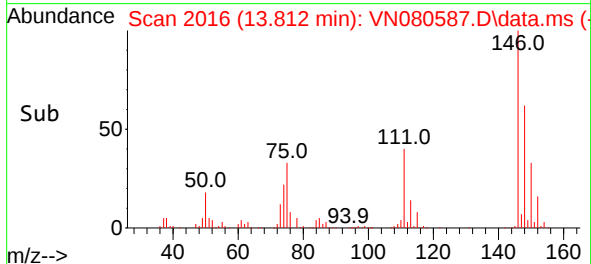
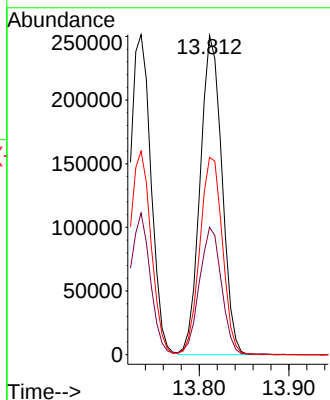
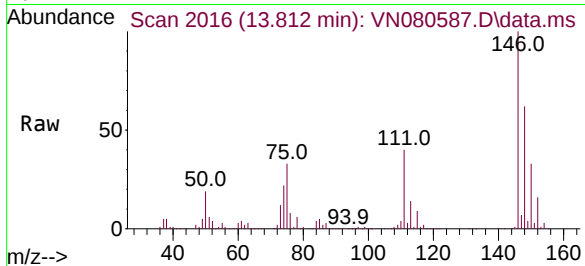




#88
1,4-Dichlorobenzene
Concen: 46.202 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

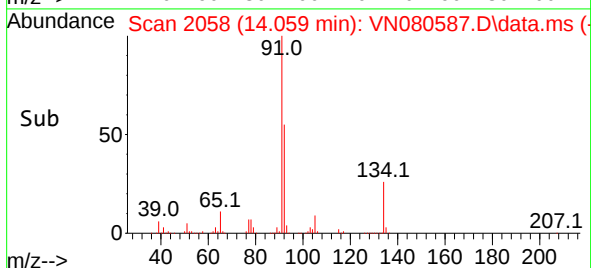
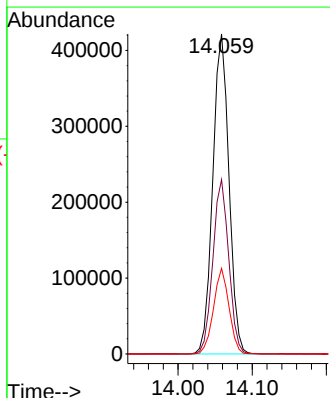
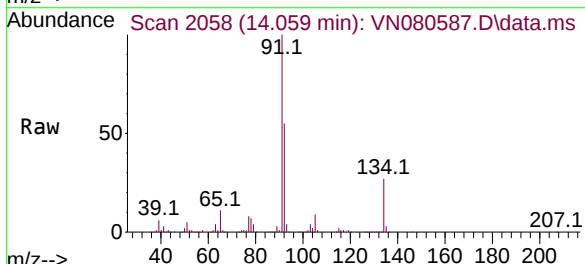
Instrument :
MSVOA_N
ClientSampleId :

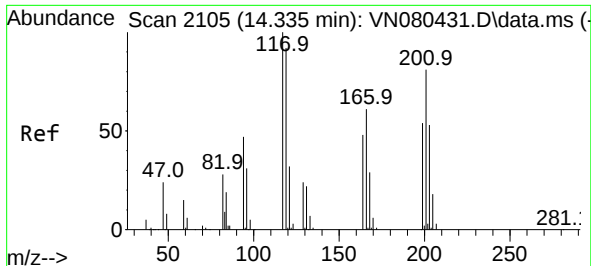
Tgt Ion:146 Resp: 422634
Ion Ratio Lower Upper
146 100
111 40.2 20.6 61.8
148 64.2 31.6 94.8



#89
n-Butylbenzene
Concen: 44.893 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion: 91 Resp: 638599
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.0
134 25.6 12.6 37.6

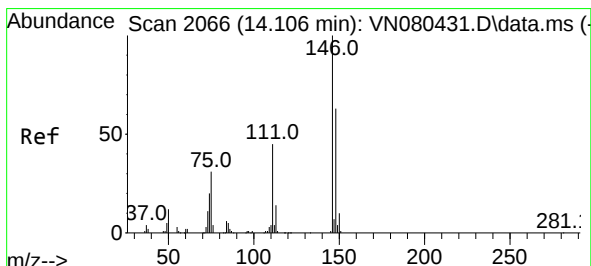
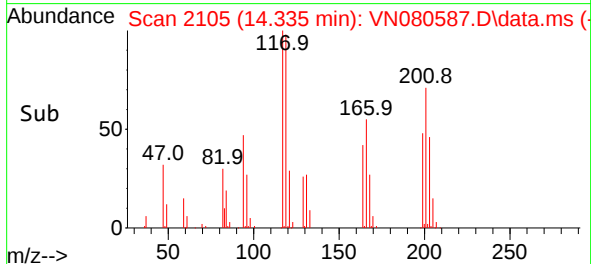
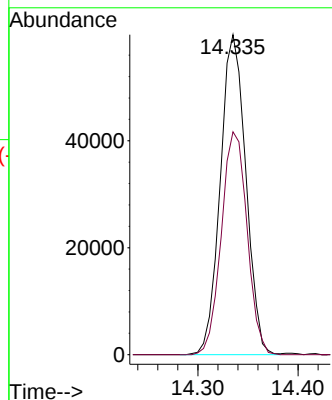
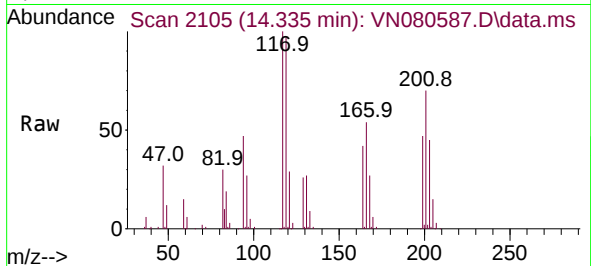




#90
Hexachloroethane
Concen: 39.110 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

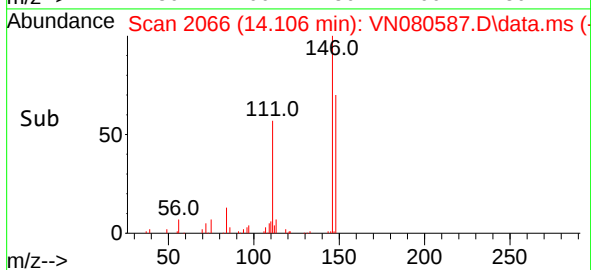
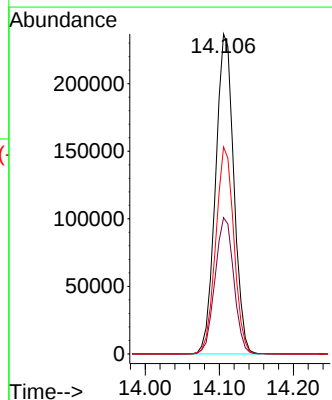
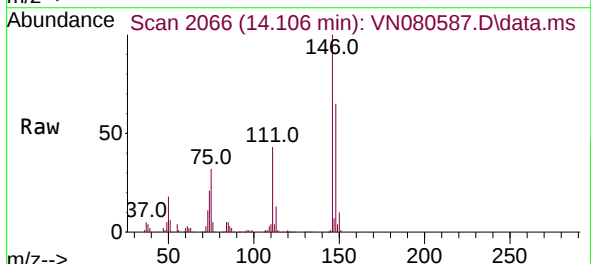
Instrument :
MSVOA_N
ClientSampleId :

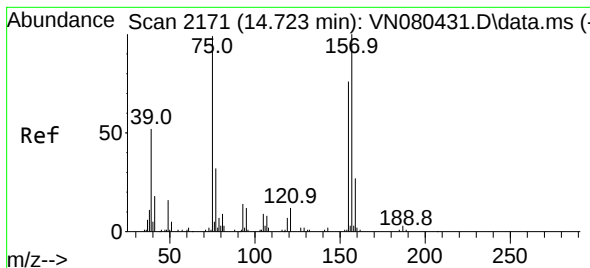
Tgt Ion:117 Resp: 105798
Ion Ratio Lower Upper
117 100
201 70.2 29.3 88.0



#91
1,2-Dichlorobenzene
Concen: 47.065 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080587.D
Acq: 21 Dec 2023 20:35

Tgt Ion:146 Resp: 405002
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 64.3 31.8 95.3

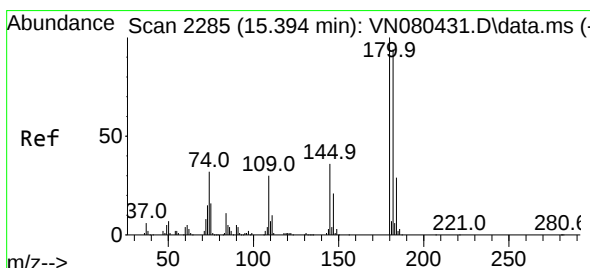
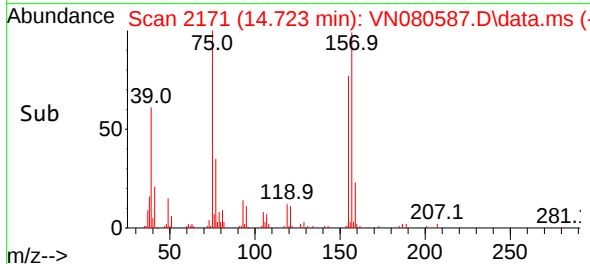
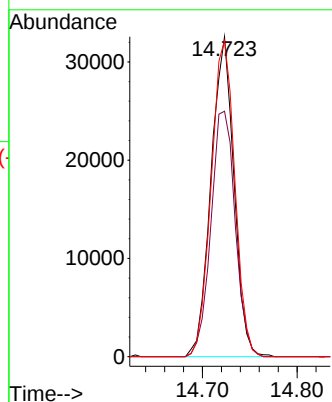
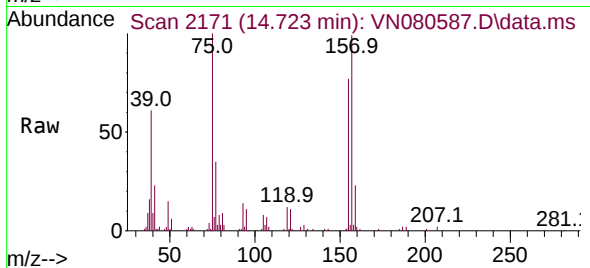




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.315 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

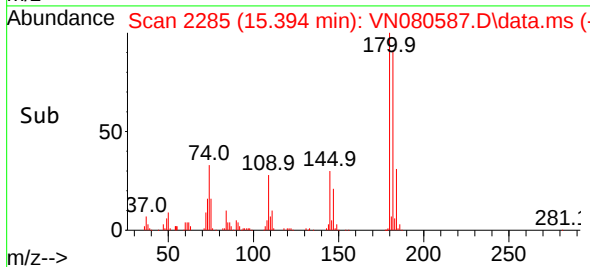
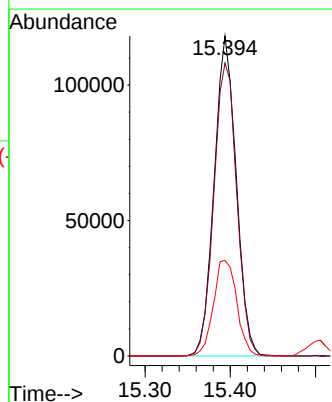
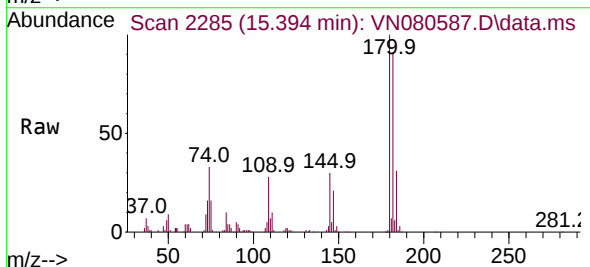
Instrument :
 MSVOA_N
 ClientSampleId :

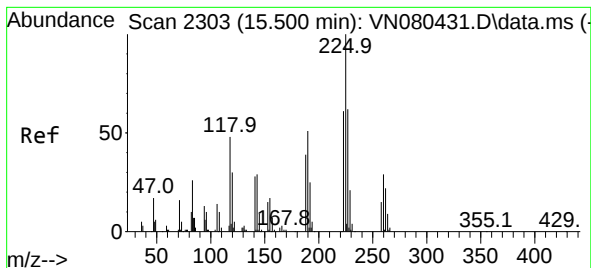
Tgt Ion: 75 Resp: 54581
 Ion Ratio Lower Upper
 75 100
 155 81.3 39.1 117.2
 157 101.9 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 44.434 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

Tgt Ion:180 Resp: 212293
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.1 138.2
 145 31.6 16.6 49.8





#94

Hexachlorobutadiene

Concen: 34.962 ug/l

RT: 15.500 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

Instrument :

MSVOA_N

ClientSampleId :

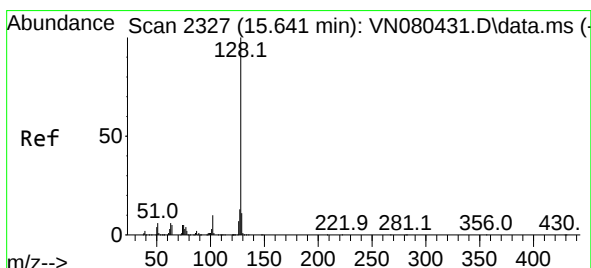
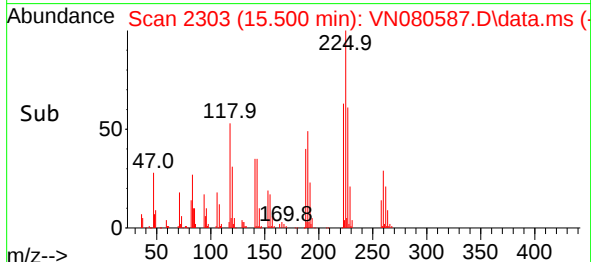
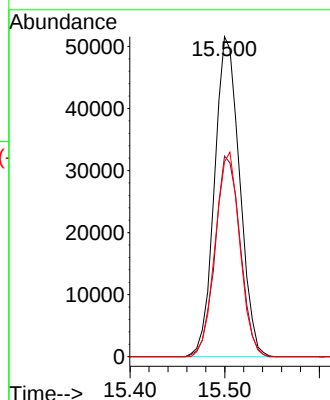
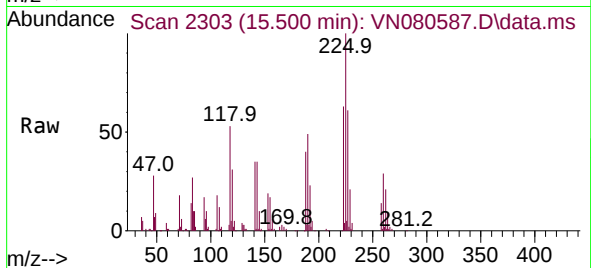
Tgt Ion:225 Resp: 95096

Ion Ratio Lower Upper

225 100

223 62.9 31.3 93.8

227 62.5 31.9 95.9



#95

Naphthalene

Concen: 47.477 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080587.D

Acq: 21 Dec 2023 20:35

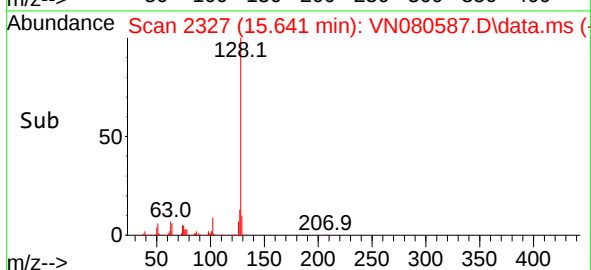
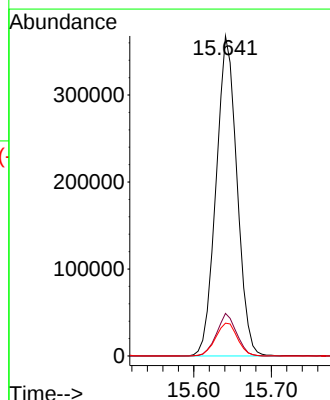
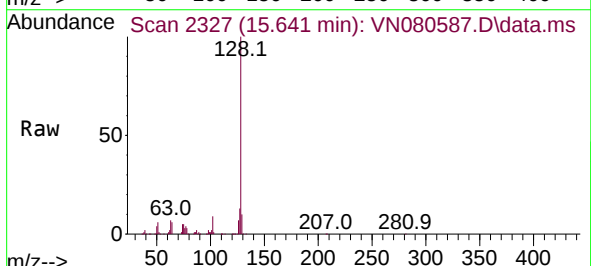
Tgt Ion:128 Resp: 688802

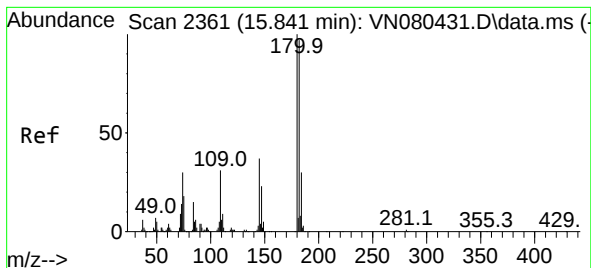
Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

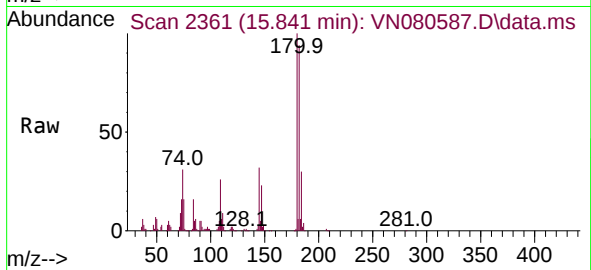
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 45.438 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080587.D
 Acq: 21 Dec 2023 20:35

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 209490
 Ion Ratio Lower Upper
 180 100
 182 94.0 46.2 138.6
 145 33.0 17.5 52.6

