

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075960.D
 Acq On : 23 Dec 2022 12:45
 Operator : JC\MD
 Sample : VN1223WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD01

Quant Time: Dec 26 04:31:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	280926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	457766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	413311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	165043	54.002	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.000%	
35) Dibromofluoromethane	8.177	113	147578	52.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.120%	
50) Toluene-d8	10.571	98	550480	51.936	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.853	95	183660	52.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.640%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	36169	18.133	ug/l	96
3) Chloromethane	2.377	50	43346	17.476	ug/l	96
4) Vinyl Chloride	2.530	62	54075	18.277	ug/l	95
5) Bromomethane	2.959	94	44887	17.851	ug/l	99
6) Chloroethane	3.130	64	42820	19.544	ug/l	93
7) Trichlorofluoromethane	3.506	101	83419	18.581	ug/l	97
8) Diethyl Ether	3.977	74	32329	19.716	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	50046	19.522	ug/l	98
10) Methyl Iodide	4.600	142	73626	17.697	ug/l	99
11) Tert butyl alcohol	5.542	59	45619	105.490	ug/l	98
12) 1,1-Dichloroethene	4.353	96	44516	17.879	ug/l	99
13) Acrolein	4.195	56	46011	86.785	ug/l	98
14) Allyl chloride	5.036	41	53356	18.332	ug/l	88
15) Acrylonitrile	5.736	53	126222	106.956	ug/l	99
16) Acetone	4.442	43	102572	97.360	ug/l	94
17) Carbon Disulfide	4.724	76	95338	15.815	ug/l #	95
18) Methyl Acetate	5.042	43	68005	21.837	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	171328	20.896	ug/l	99
20) Methylene Chloride	5.289	84	55961	19.465	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	49551	18.172	ug/l	97
22) Diisopropyl ether	6.689	45	146111	20.665	ug/l	97
23) Vinyl Acetate	6.618	43	548441	115.243	ug/l	99
24) 1,1-Dichloroethane	6.577	63	92901	19.701	ug/l	98
25) 2-Butanone	7.494	43	160434	108.758	ug/l	94
26) 2,2-Dichloropropane	7.494	77	75296	18.856	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	62119	19.048	ug/l	97
28) Bromochloromethane	7.818	49	39888	19.299	ug/l	98
29) Tetrahydrofuran	7.853	42	104776	113.341	ug/l	98
30) Chloroform	7.977	83	103043	19.408	ug/l	93
31) Cyclohexane	8.259	56	76738	17.532	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	92070	19.561	ug/l	95
36) 1,1-Dichloropropene	8.383	75	68794	18.268	ug/l	98
37) Ethyl Acetate	7.571	43	61531	20.342	ug/l	99
38) Carbon Tetrachloride	8.371	117	81623	19.366	ug/l	96
39) Methylcyclohexane	9.606	83	86696	19.082	ug/l	99
40) Benzene	8.612	78	224699	19.339	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	32627	20.751	ug/l	94
42) 1,2-Dichloroethane	8.677	62	76746	19.868	ug/l	98
43) Isopropyl Acetate	8.694	43	104849	21.013	ug/l	99
44) Trichloroethene	9.359	130	59891	18.297	ug/l	97
45) 1,2-Dichloropropane	9.630	63	56109	19.845	ug/l	97
46) Dibromomethane	9.718	93	41073	19.586	ug/l	98
47) Bromodichloromethane	9.894	83	81253	19.758	ug/l	97
48) Methyl methacrylate	9.688	41	49135	21.863	ug/l	99
49) 1,4-Dioxane	9.700	88	24167	437.411	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	341533	113.180	ug/l	98
52) Toluene	10.635	92	148697	19.650	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	79381	19.719	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	86066	19.472	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	60901	20.504	ug/l	98
56) Ethyl methacrylate	10.877	69	84059	21.307	ug/l	98
57) 1,3-Dichloropropane	11.171	76	98086	20.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	122925	97.865	ug/l	99
59) 2-Hexanone	11.200	43	246117	111.838	ug/l	99
60) Dibromochloromethane	11.365	129	66121	20.018	ug/l	100
61) 1,2-Dibromoethane	11.471	107	61075	20.320	ug/l	98
64) Tetrachloroethene	11.106	164	57186	19.663	ug/l	97
65) Chlorobenzene	11.894	112	159307	18.779	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	61705	19.638	ug/l	99
67) Ethyl Benzene	11.965	91	276362	19.303	ug/l	99
68) m/p-Xylenes	12.076	106	221226	39.039	ug/l	99
69) o-Xylene	12.400	106	111545	19.891	ug/l	97
70) Styrene	12.418	104	179849	20.170	ug/l	99
71) Bromoform	12.582	173	46567	20.367	ug/l #	99
73) Isopropylbenzene	12.700	105	285970	19.928	ug/l	100
74) N-amyl acetate	12.500	43	88895	21.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	89792	20.241	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	106061	26.497	ug/l	69
77) Bromobenzene	12.982	156	69959	19.264	ug/l	99
78) n-propylbenzene	13.041	91	318313	20.112	ug/l	99
79) 2-Chlorotoluene	13.129	91	197424	19.982	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	243882	20.306	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	22116	19.888	ug/l	92
82) 4-Chlorotoluene	13.129	91	197424	19.982	ug/l	99
83) tert-Butylbenzene	13.441	119	218563	20.640	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	245251	20.584	ug/l	100
85) sec-Butylbenzene	13.623	105	297509	20.356	ug/l	99
86) p-Isopropyltoluene	13.735	119	252365	20.751	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	129863	19.358	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	125501	18.313	ug/l	98
89) n-Butylbenzene	14.059	91	188887	19.172	ug/l	99
90) Hexachloroethane	14.341	117	42760	19.656	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	129961	19.668	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15153	19.250	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	56500	17.271	ug/l	97
94) Hexachlorobutadiene	15.506	225	33077	18.533	ug/l	98
95) Naphthalene	15.647	128	177049	17.847	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	58097	19.001	ug/l	99

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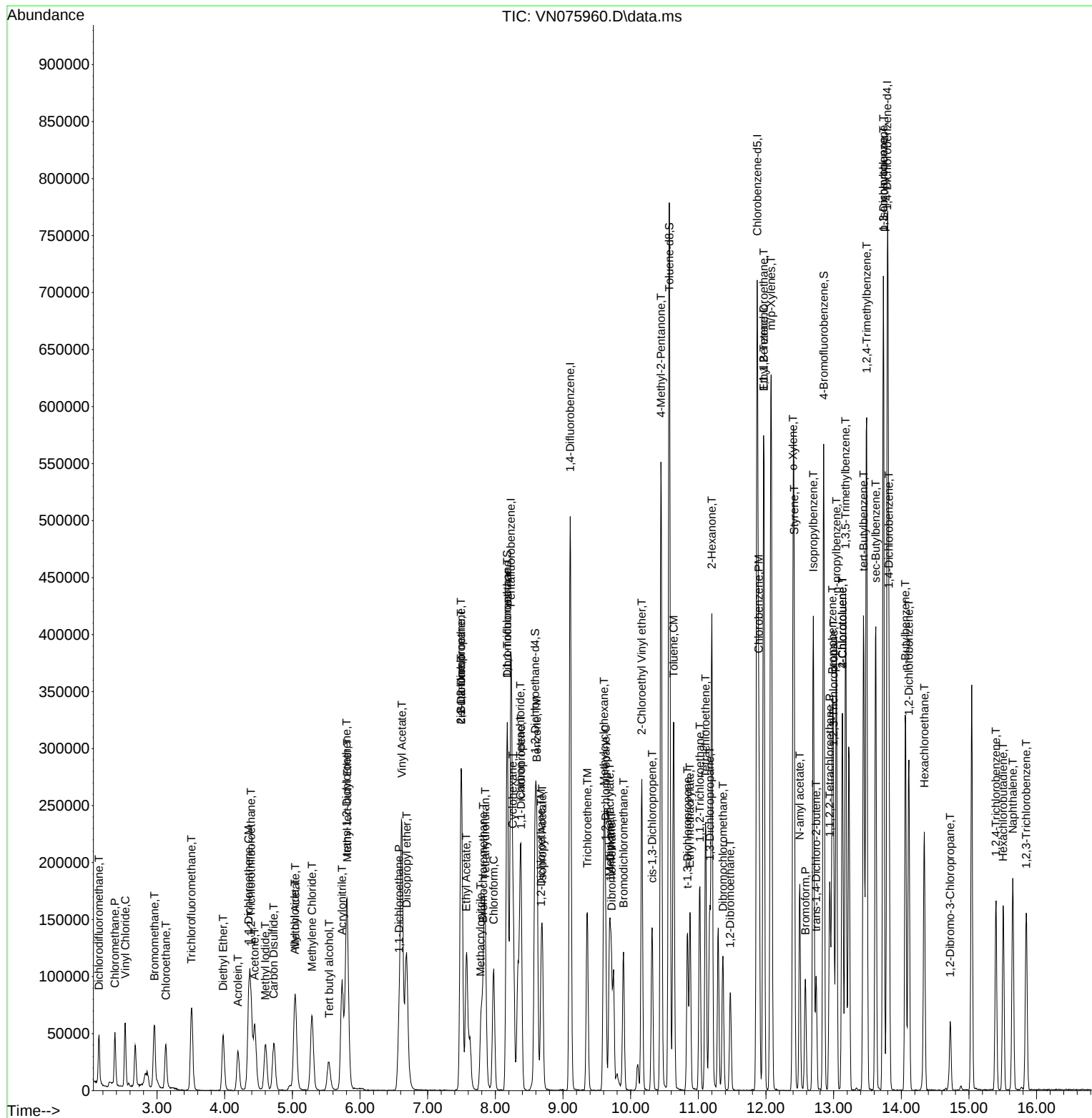
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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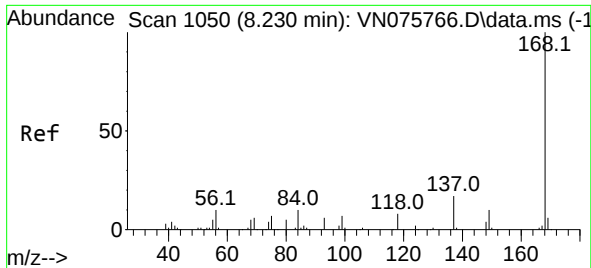
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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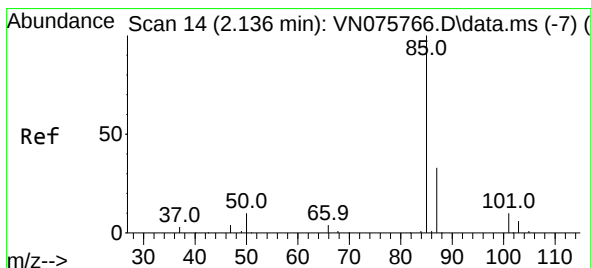
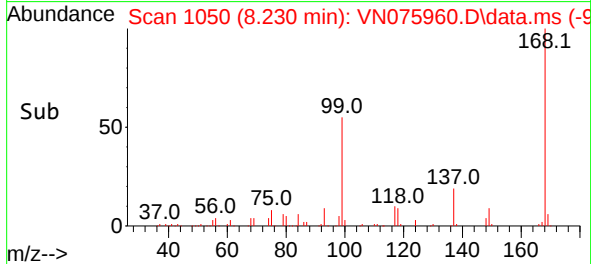
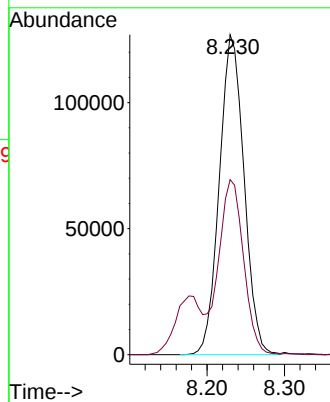
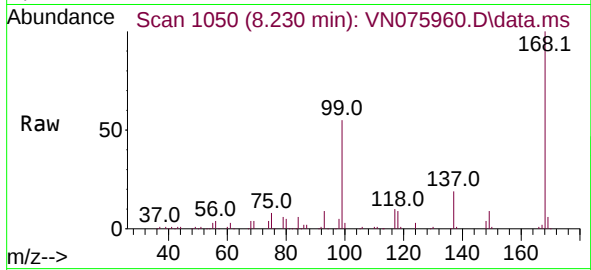




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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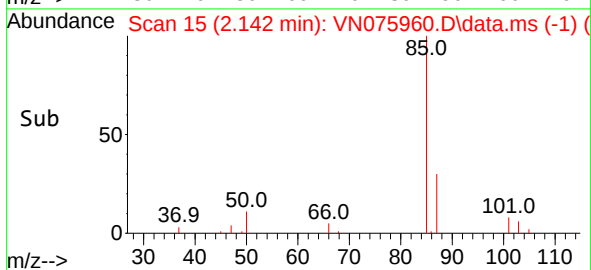
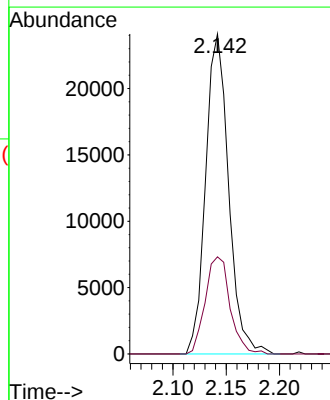
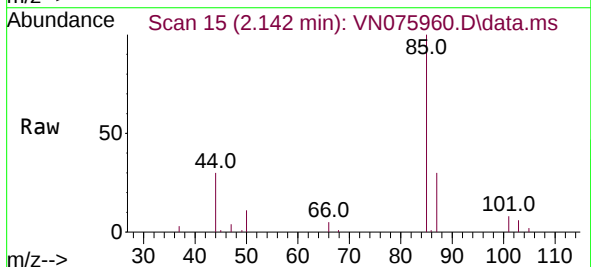
Instrument :
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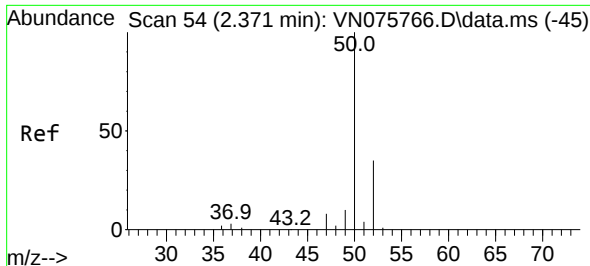
Tgt Ion:168 Resp: 280926
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 18.133 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 85 Resp: 36169
Ion Ratio Lower Upper
85 100
87 30.3 16.3 48.9

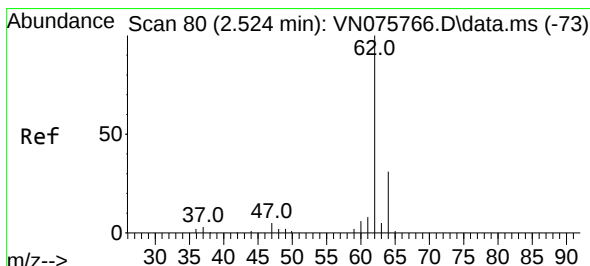
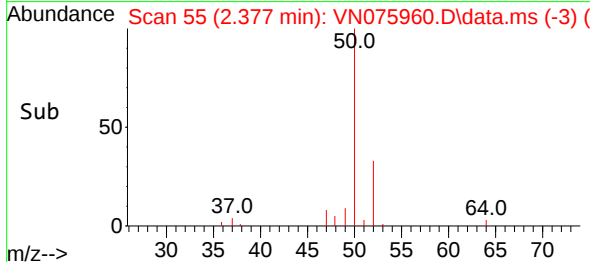
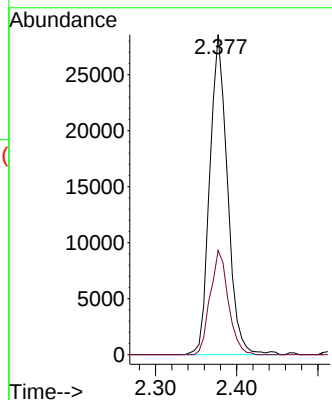
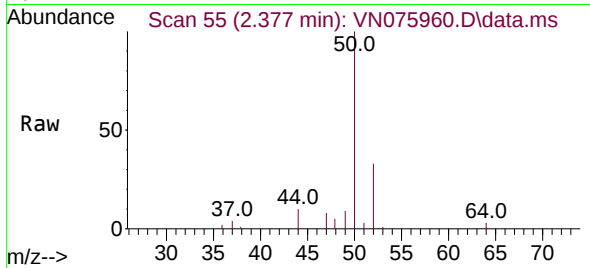




#3
Chloromethane
Concen: 17.476 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

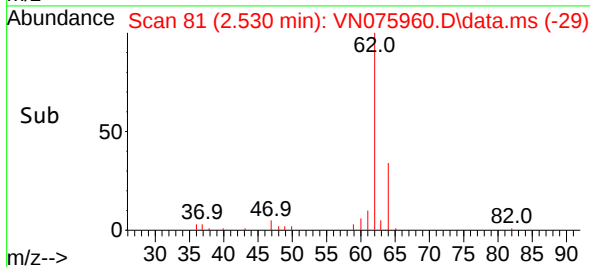
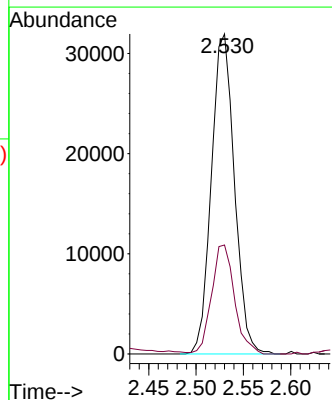
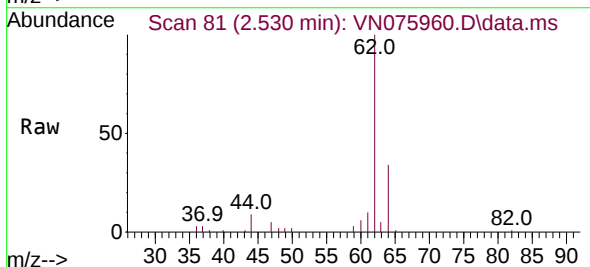
Instrument :
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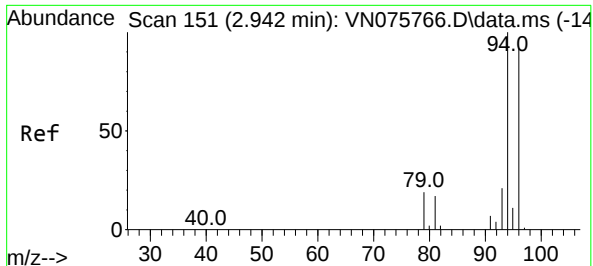
Tgt Ion: 50 Resp: 43346
Ion Ratio Lower Upper
50 100
52 32.6 27.7 41.5



#4
Vinyl Chloride
Concen: 18.277 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 62 Resp: 54075
Ion Ratio Lower Upper
62 100
64 34.1 24.9 37.3

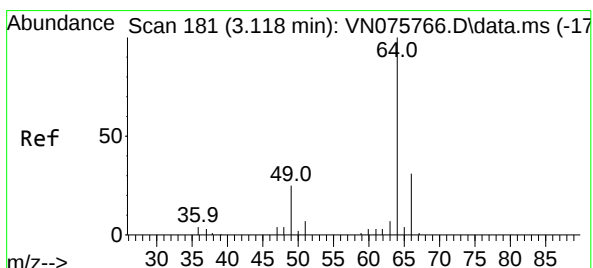
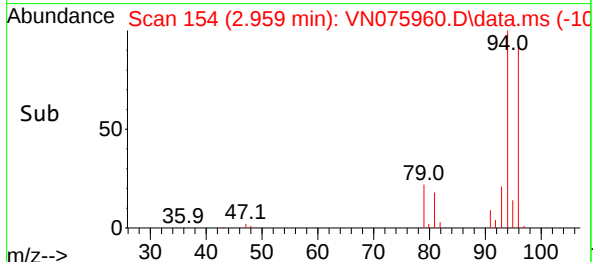
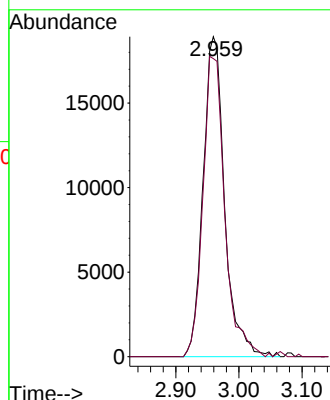
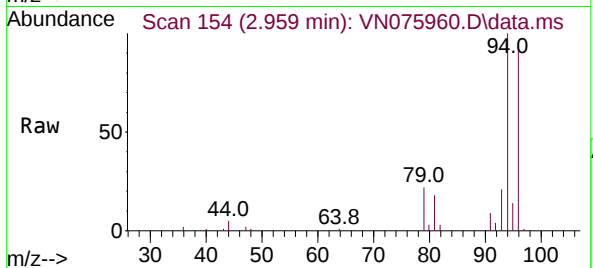




#5
Bromomethane
Concen: 17.851 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075960.D
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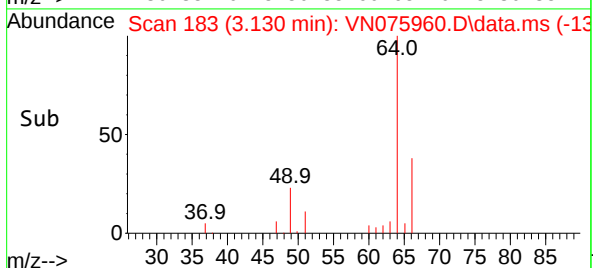
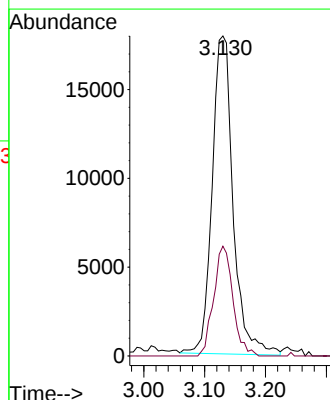
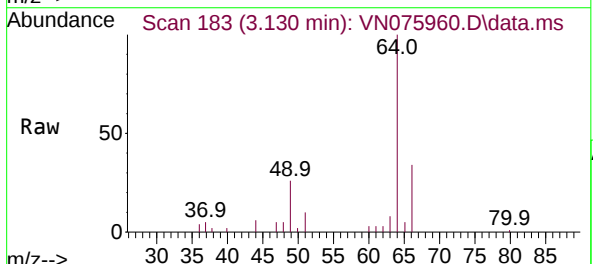
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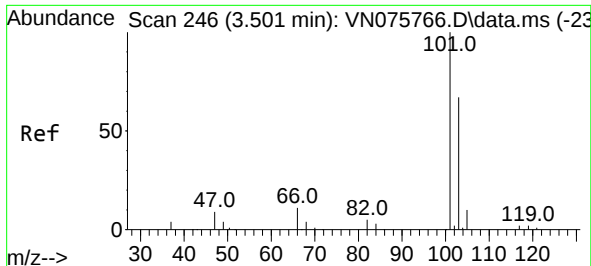
Tgt Ion: 94 Resp: 44887
Ion Ratio Lower Upper
94 100
96 93.2 73.8 110.6



#6
Chloroethane
Concen: 19.544 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 64 Resp: 42820
Ion Ratio Lower Upper
64 100
66 34.6 24.6 36.8

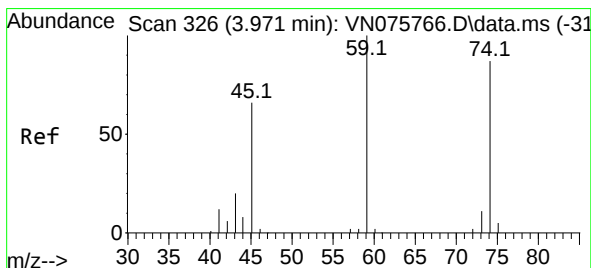
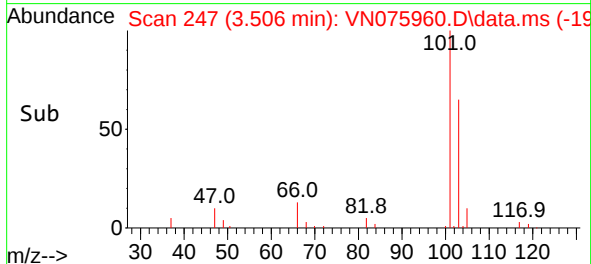
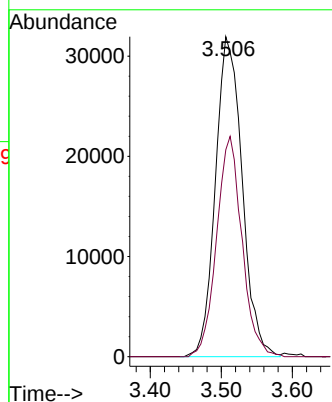
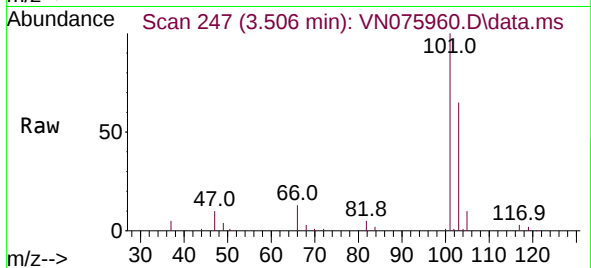




#7
 Trichlorofluoromethane
 Concen: 18.581 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075960.D
 Acq: 23 Dec 2022 12:45

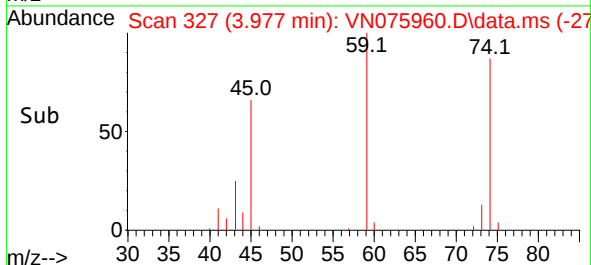
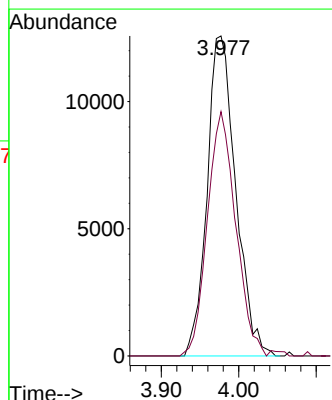
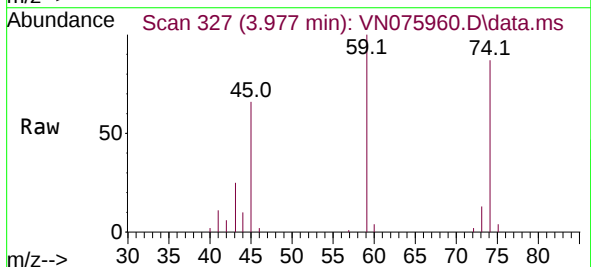
Instrument :
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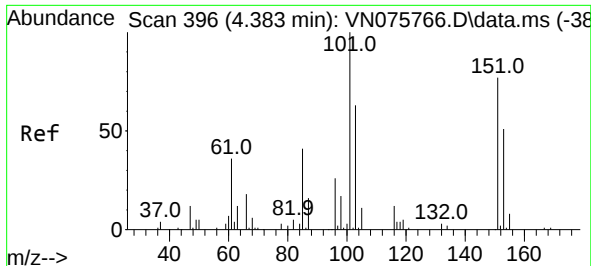
Tgt Ion:101 Resp: 83419
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.4 80.2



#8
 Diethyl Ether
 Concen: 19.716 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 32329
 Ion Ratio Lower Upper
 74 100
 45 75.5 37.8 113.4

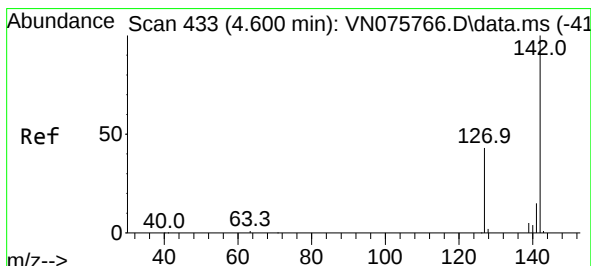
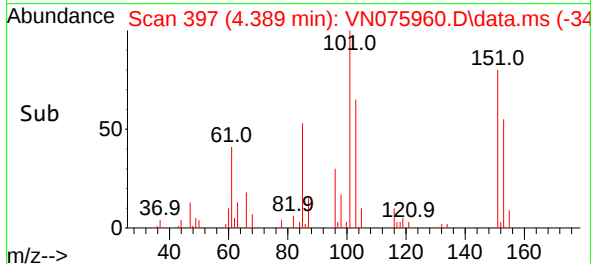
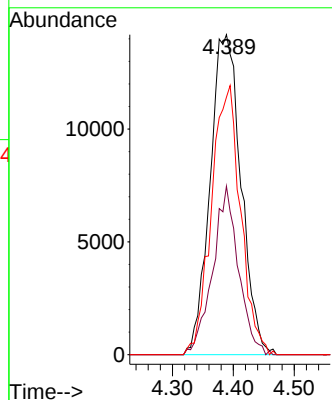
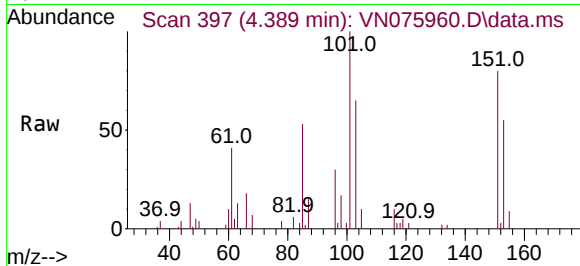




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.522 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

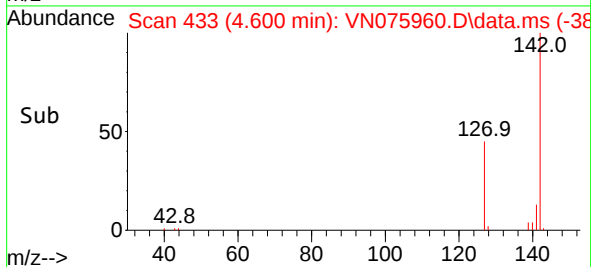
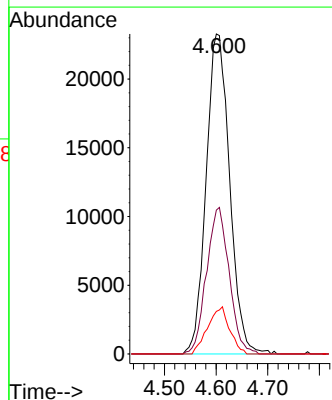
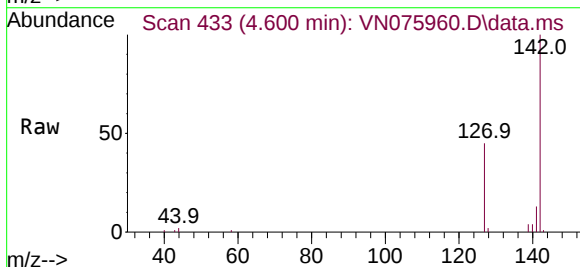
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion:101 Resp: 50046
Ion Ratio Lower Upper
101 100
85 43.9 35.3 52.9
151 79.2 65.6 98.4



#10
Methyl Iodide
Concen: 17.697 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion:142 Resp: 73626
Ion Ratio Lower Upper
142 100
127 44.1 34.7 52.1
141 13.7 11.4 17.2

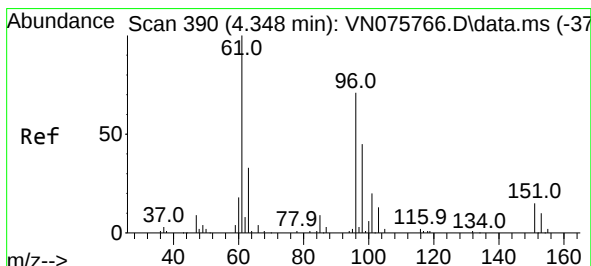
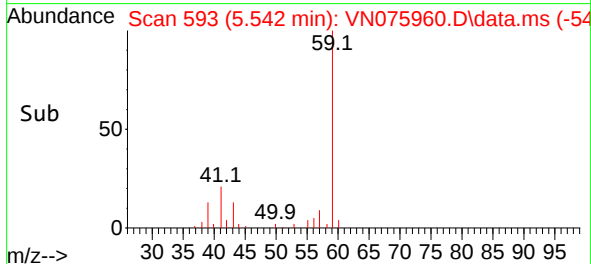
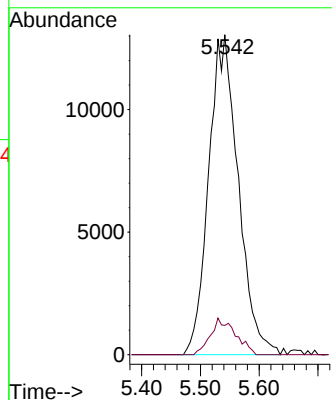
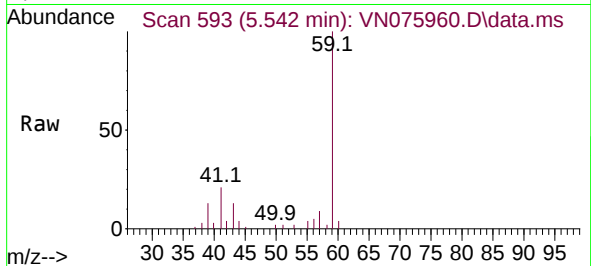




#11
Tert butyl alcohol
Concen: 105.490 ug/l
RT: 5.542 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

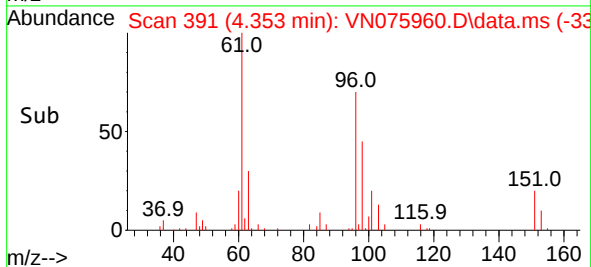
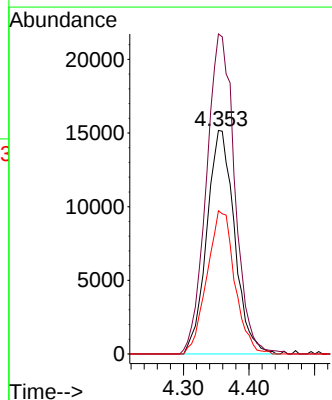
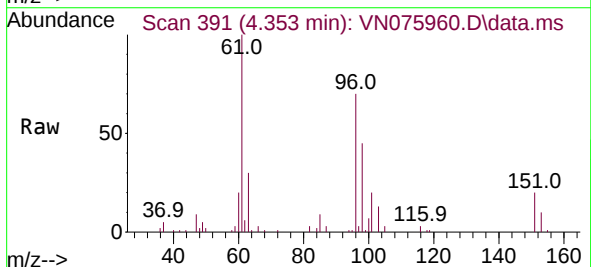
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

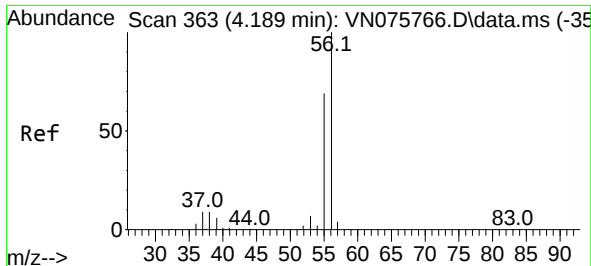
Tgt Ion: 59 Resp: 45619
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.879 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 96 Resp: 44516
Ion Ratio Lower Upper
96 100
61 143.2 113.3 169.9
98 64.1 50.9 76.3

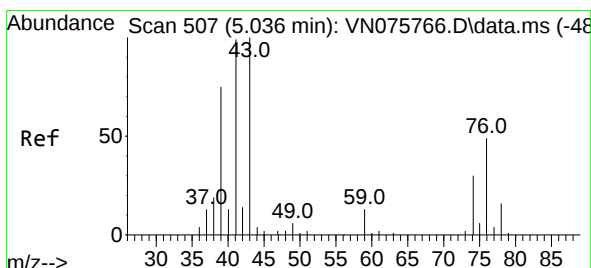
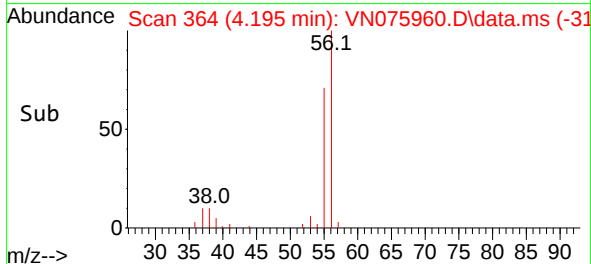
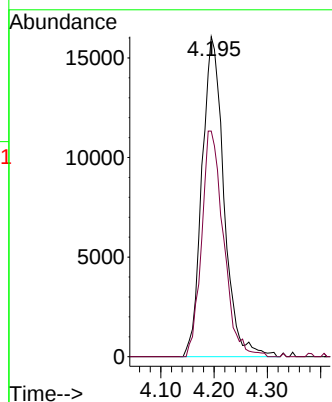
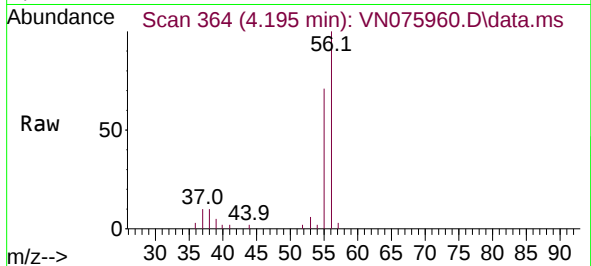




#13
Acrolein
Concen: 86.785 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

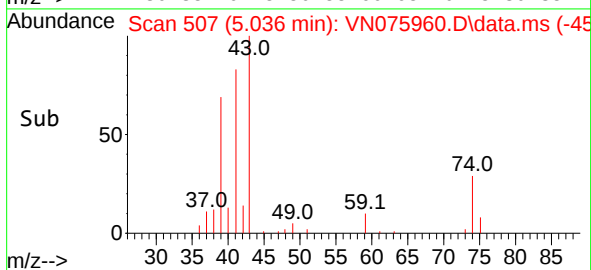
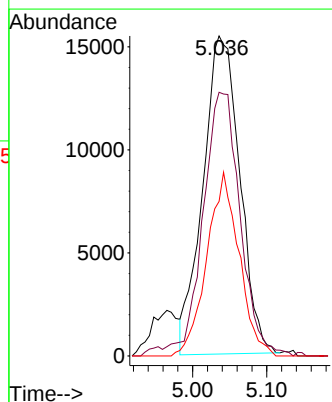
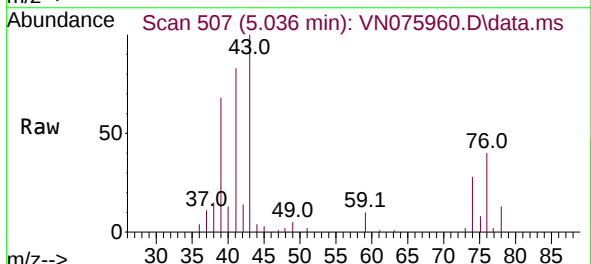
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

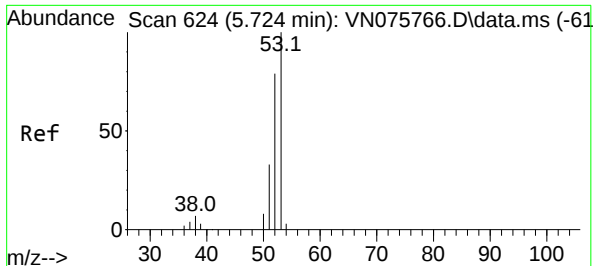
Tgt Ion: 56 Resp: 46011
Ion Ratio Lower Upper
56 100
55 70.3 54.8 82.2



#14
Allyl chloride
Concen: 18.332 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 41 Resp: 53356
Ion Ratio Lower Upper
41 100
39 84.3 58.3 87.5
76 50.4 35.8 53.6





#15

Acrylonitrile

Concen: 106.956 ug/l

RT: 5.736 min Scan# 61

Delta R.T. 0.012 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

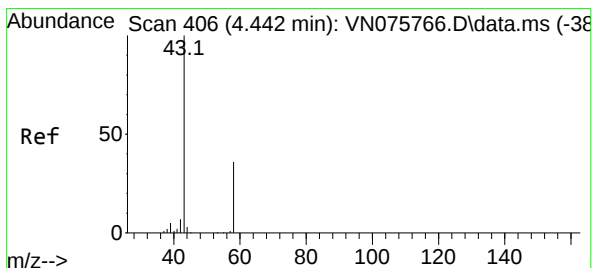
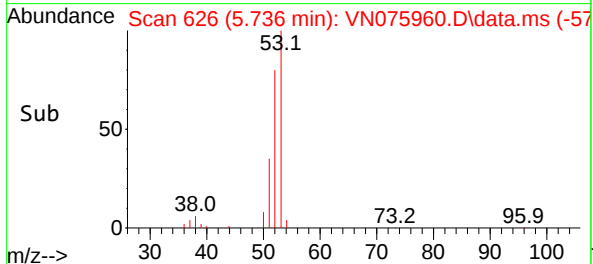
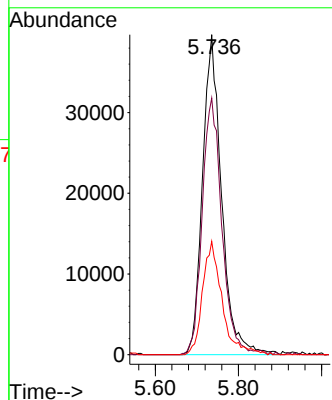
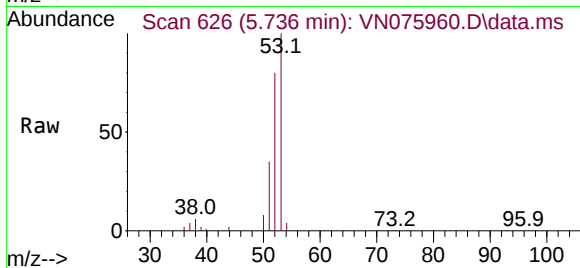
Tgt Ion: 53 Resp: 126222

Ion Ratio Lower Upper

53 100

52 83.0 65.4 98.0

51 36.1 28.9 43.3



#16

Acetone

Concen: 97.360 ug/l

RT: 4.442 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN075960.D

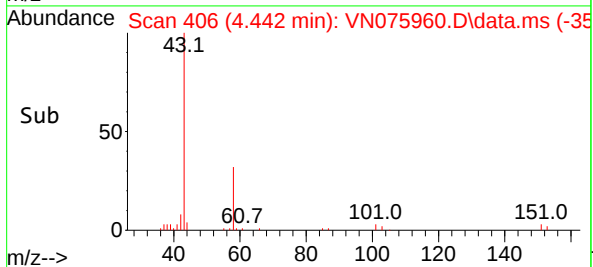
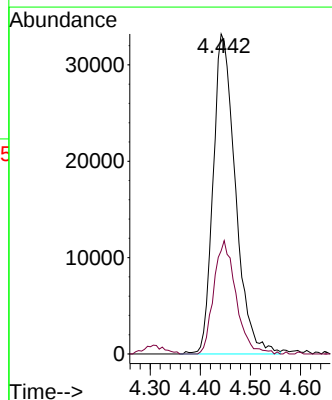
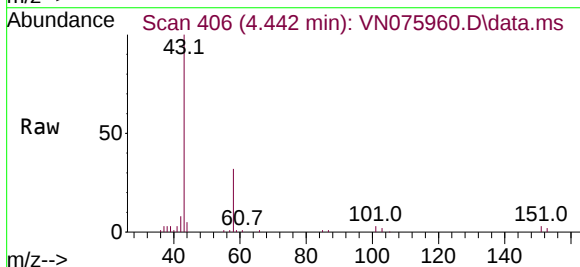
Acq: 23 Dec 2022 12:45

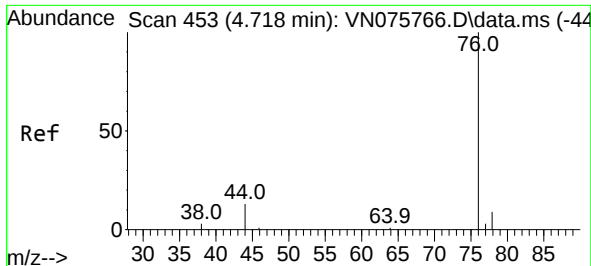
Tgt Ion: 43 Resp: 102572

Ion Ratio Lower Upper

43 100

58 32.2 28.6 43.0

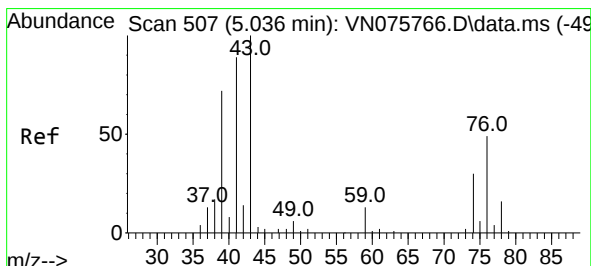
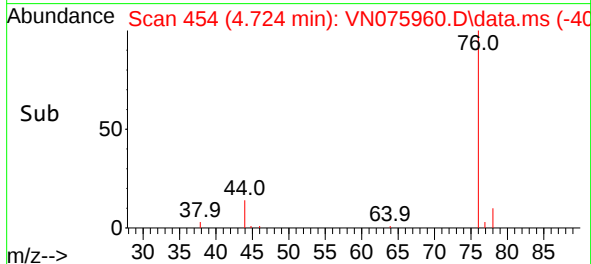
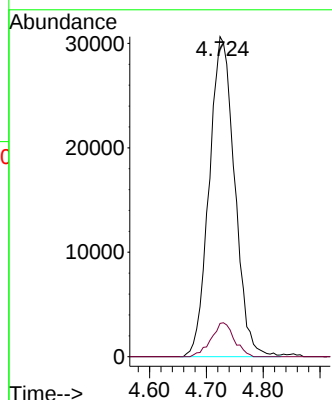
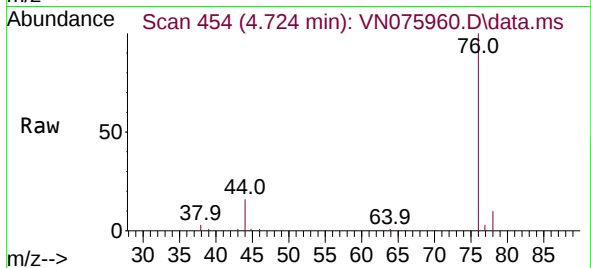




#17
Carbon Disulfide
Concen: 15.815 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

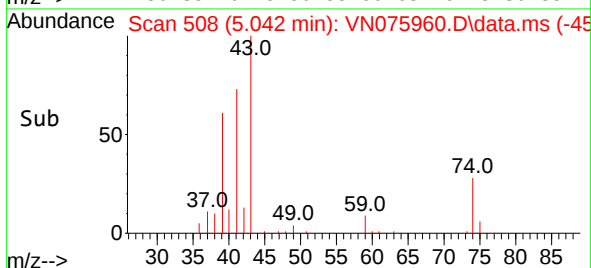
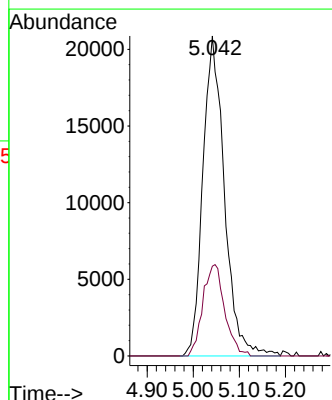
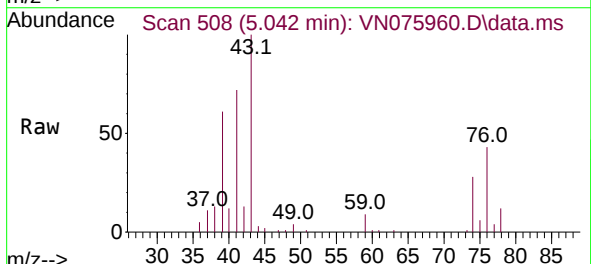
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

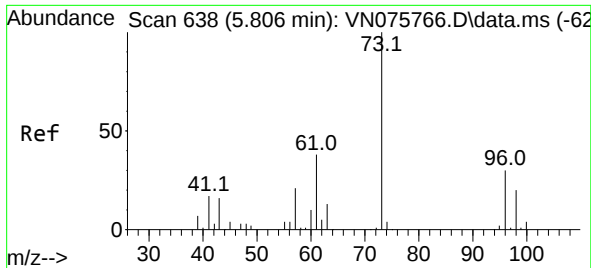
Tgt Ion: 76 Resp: 95338
Ion Ratio Lower Upper
76 100
78 10.4 6.8 10.2#



#18
Methyl Acetate
Concen: 21.837 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 43 Resp: 68005
Ion Ratio Lower Upper
43 100
74 28.9 23.6 35.4

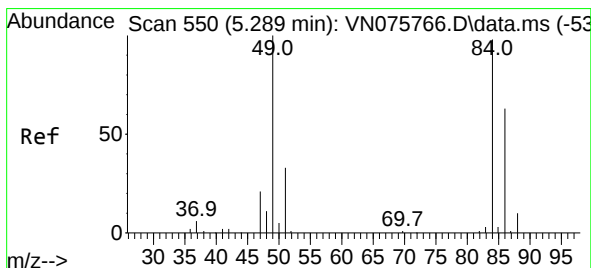
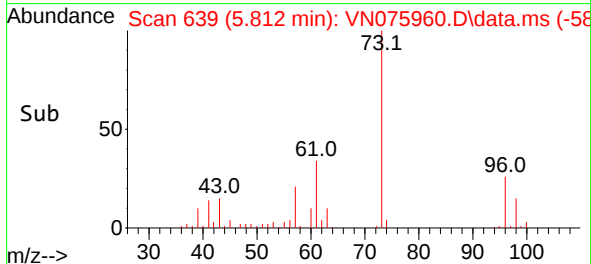
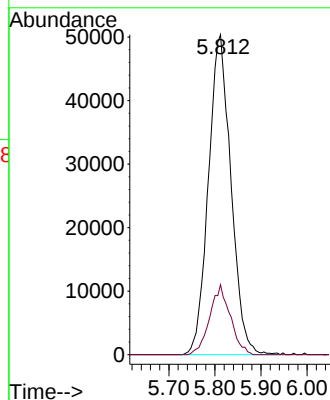
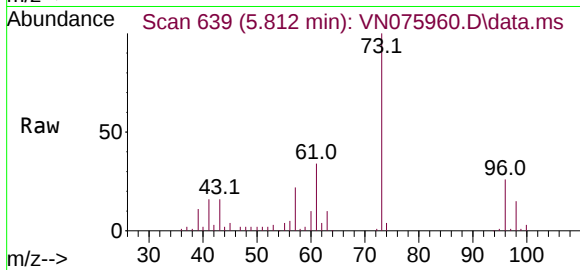




#19
Methyl tert-butyl Ether
Concen: 20.896 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

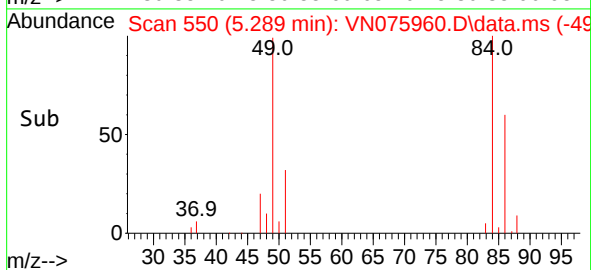
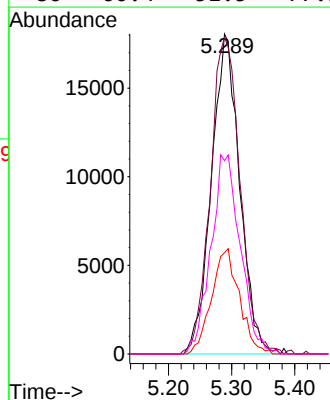
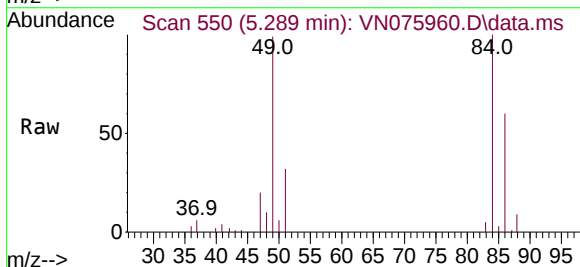
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

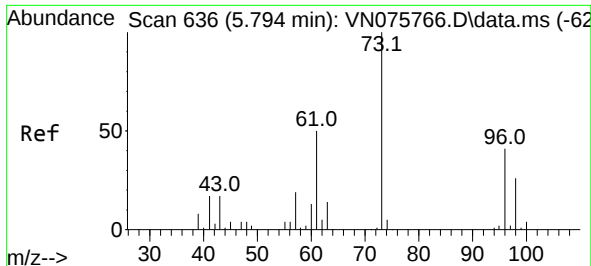
Tgt Ion: 73 Resp: 171328
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#20
Methylene Chloride
Concen: 19.465 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 84 Resp: 55961
Ion Ratio Lower Upper
84 100
49 98.9 81.8 122.6
51 31.7 26.7 40.1
86 60.4 51.5 77.3

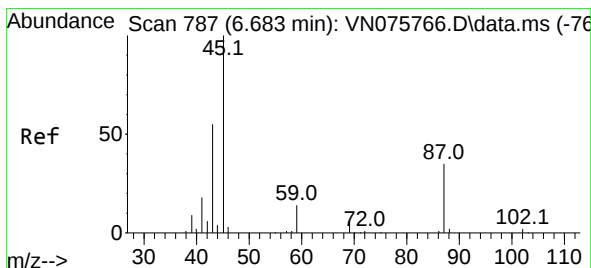
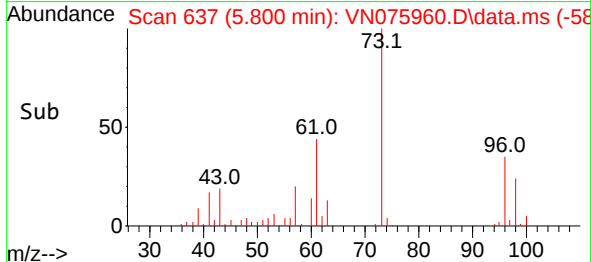
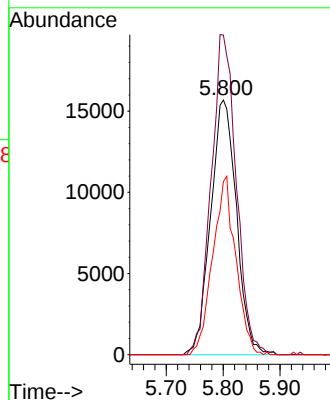
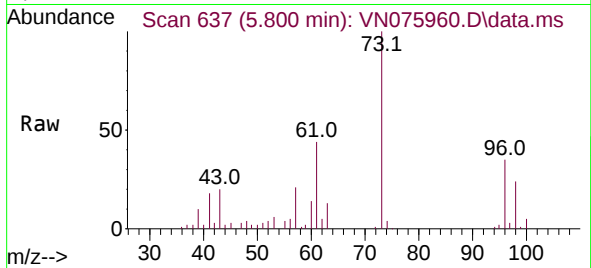




#21
trans-1,2-Dichloroethene
Concen: 18.172 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

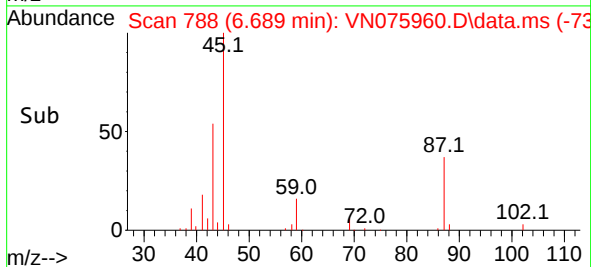
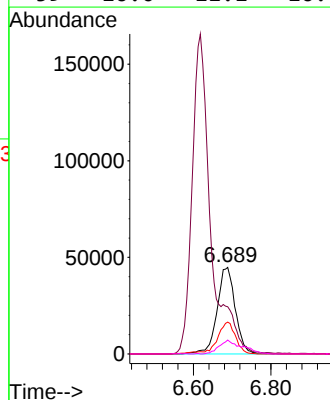
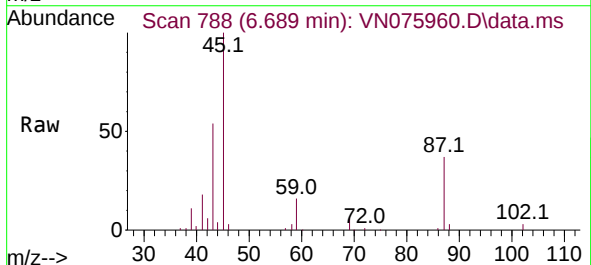
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 96 Resp: 49551
Ion Ratio Lower Upper
96 100
61 125.5 98.1 147.1
98 68.0 51.4 77.2



#22
Diisopropyl ether
Concen: 20.665 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 45 Resp: 146111
Ion Ratio Lower Upper
45 100
43 53.3 44.2 66.4
87 36.8 28.3 42.5
59 16.0 11.1 16.7

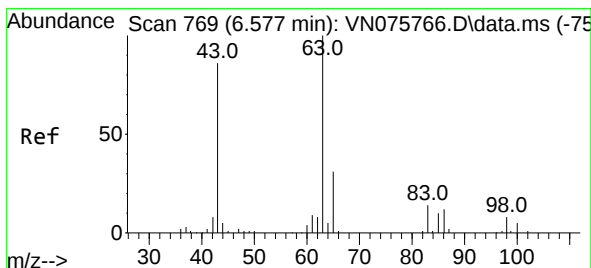
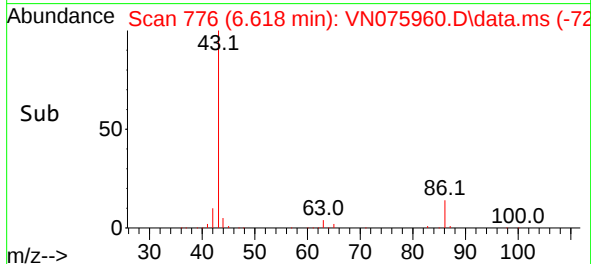
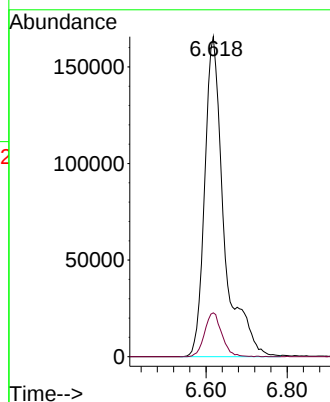
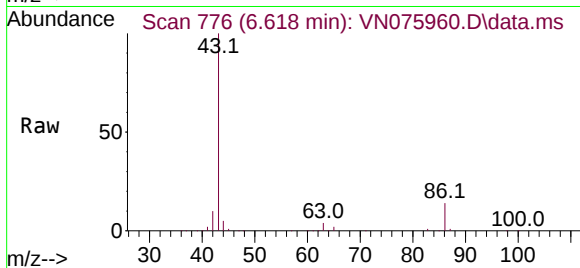




#23
 Vinyl Acetate
 Concen: 115.243 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075960.D
 Acq: 23 Dec 2022 12:45

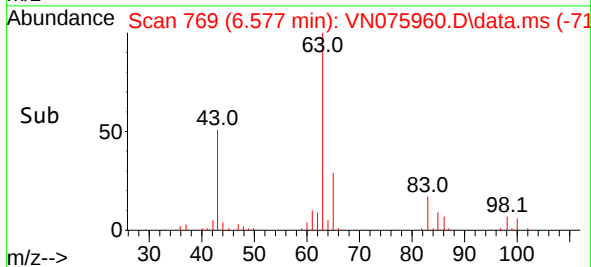
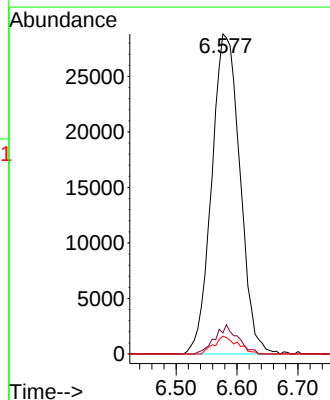
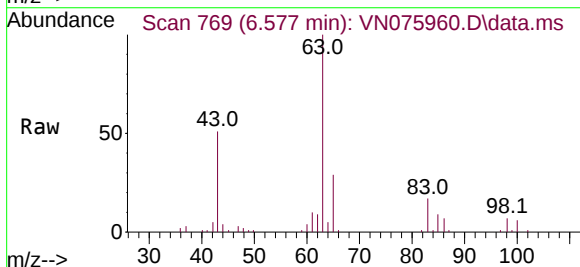
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD01

Tgt Ion: 43 Resp: 548441
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 19.701 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075960.D
 Acq: 23 Dec 2022 12:45

Tgt Ion: 63 Resp: 92901
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.5
 100 5.5 2.5 7.6





#25

2-Butanone

Concen: 108.758 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

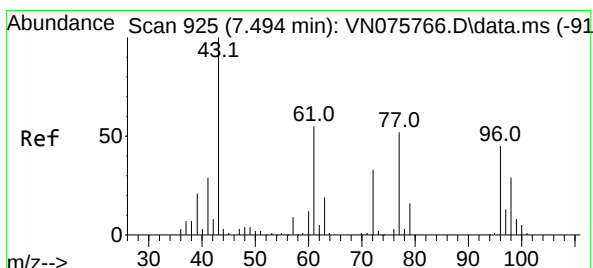
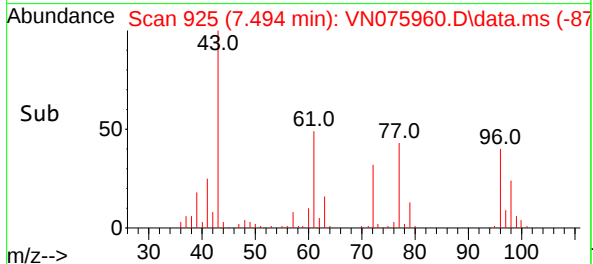
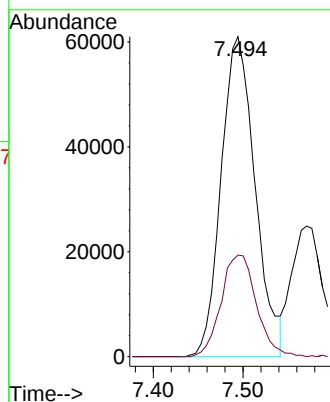
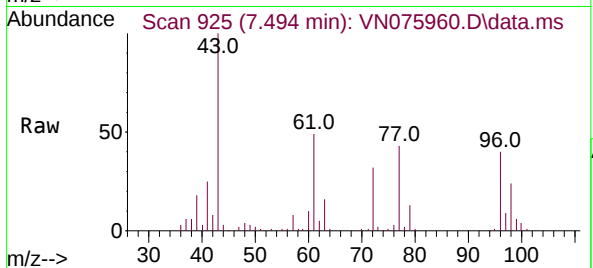
VN1223WBSD01

Tgt Ion: 43 Resp: 160434

Ion Ratio Lower Upper

43 100

72 31.8 28.0 42.0



#26

2,2-Dichloropropane

Concen: 18.856 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075960.D

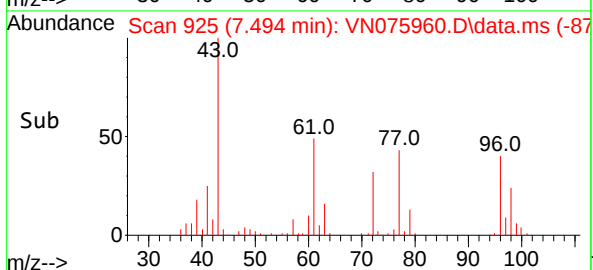
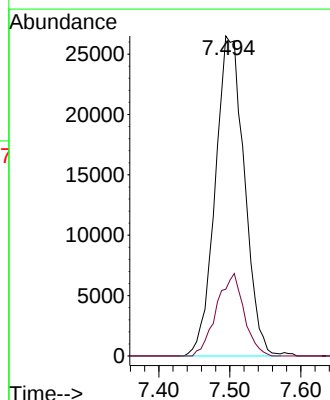
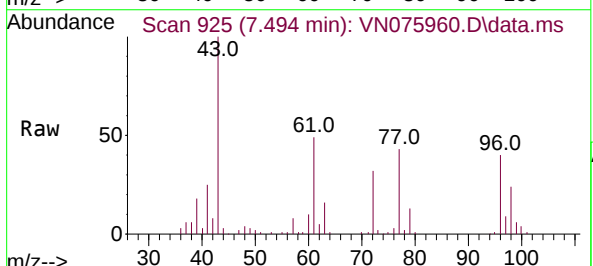
Acq: 23 Dec 2022 12:45

Tgt Ion: 77 Resp: 75296

Ion Ratio Lower Upper

77 100

97 24.3 12.7 38.0



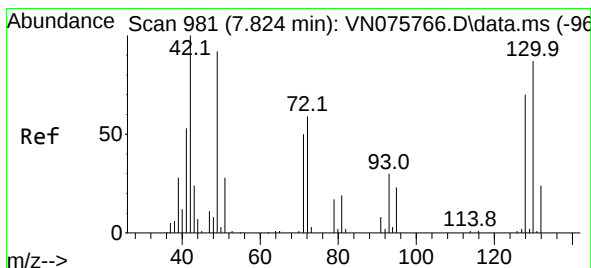
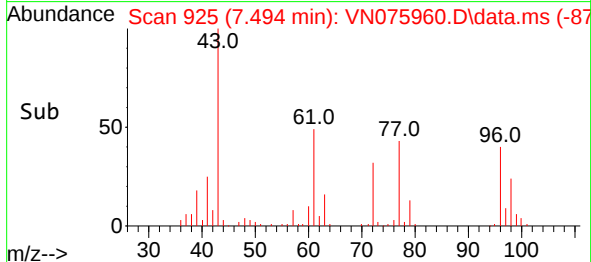
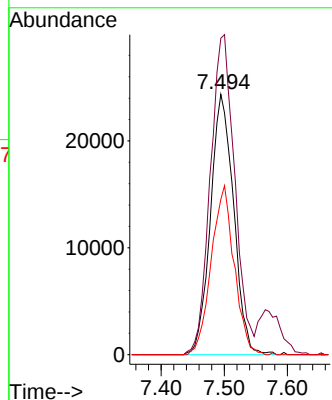
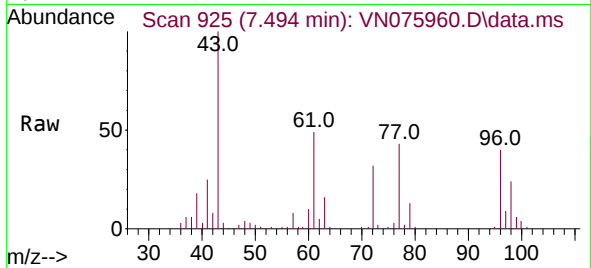


#27
 cis-1,2-Dichloroethene
 Concen: 19.048 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075960.D
 Acq: 23 Dec 2022 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD01

Tgt Ion: 96 Resp: 62119

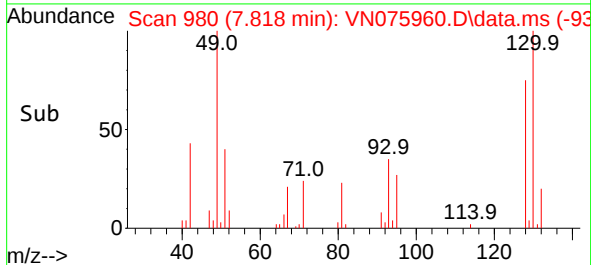
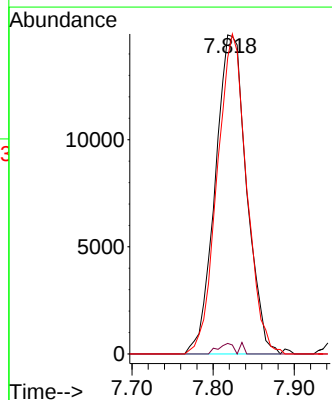
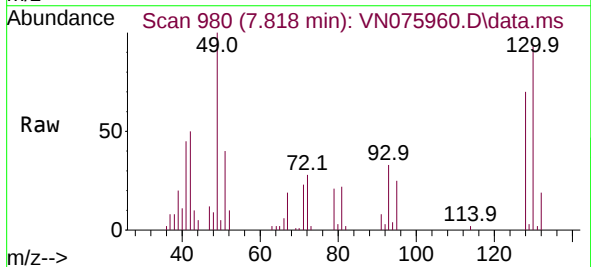
Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	247.8
98	64.3	0.0	128.4

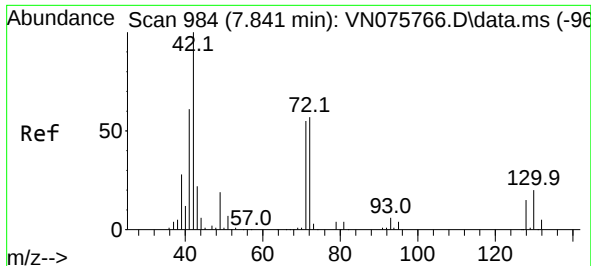


#28
 Bromochloromethane
 Concen: 19.299 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN075960.D
 Acq: 23 Dec 2022 12:45

Tgt Ion: 49 Resp: 39888

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	5.0
130	94.4	77.0	115.4





#29

Tetrahydrofuran

Concen: 113.341 ug/l

RT: 7.853 min Scan# 984

Delta R.T. 0.012 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

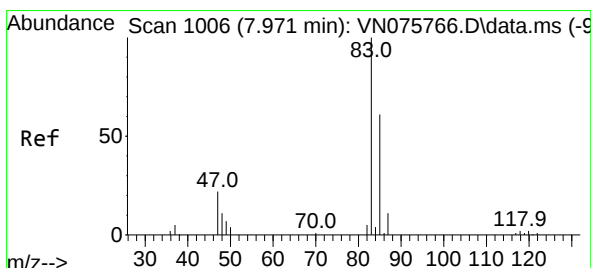
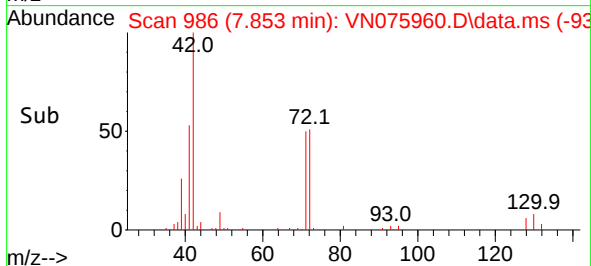
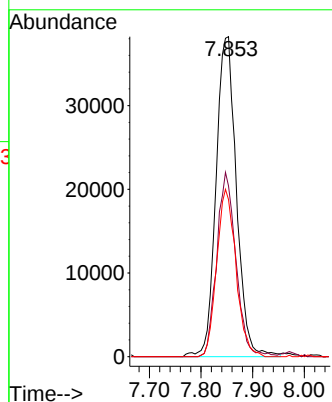
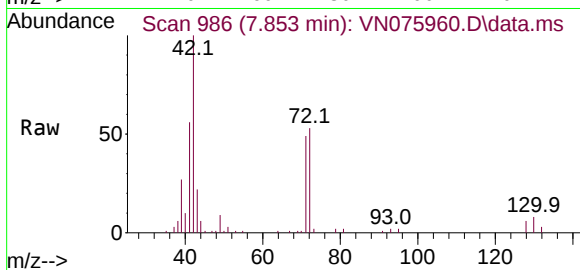
Tgt Ion: 42 Resp: 104776

Ion Ratio Lower Upper

42 100

72 54.1 44.5 66.7

71 49.3 41.0 61.6



#30

Chloroform

Concen: 19.408 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN075960.D

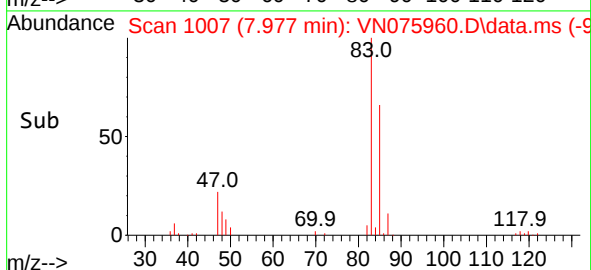
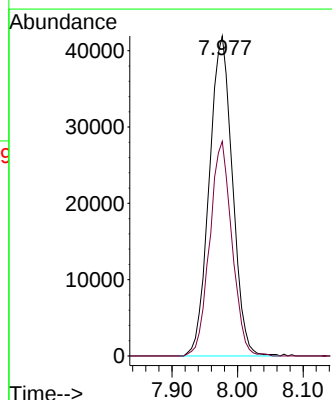
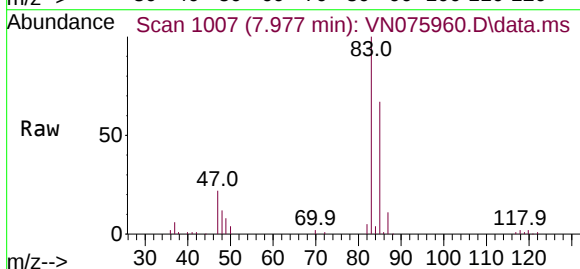
Acq: 23 Dec 2022 12:45

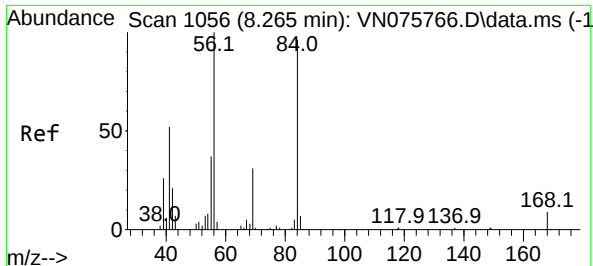
Tgt Ion: 83 Resp: 103043

Ion Ratio Lower Upper

83 100

85 67.1 49.1 73.7

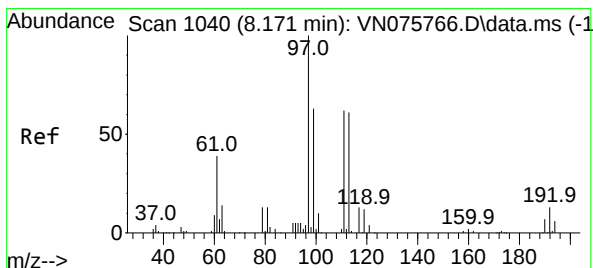
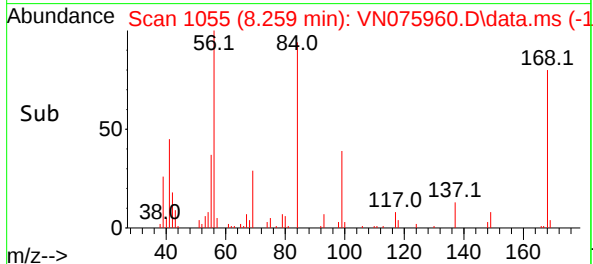
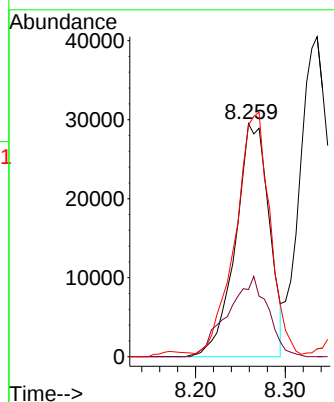
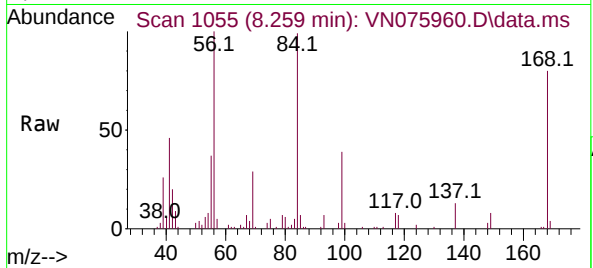




#31
Cyclohexane
Concen: 17.532 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

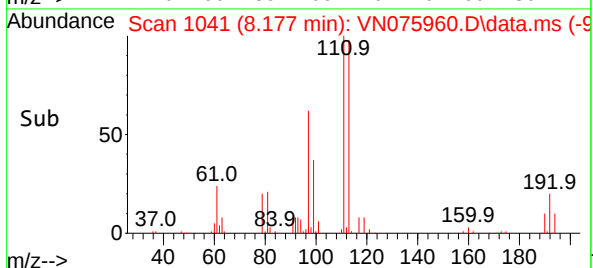
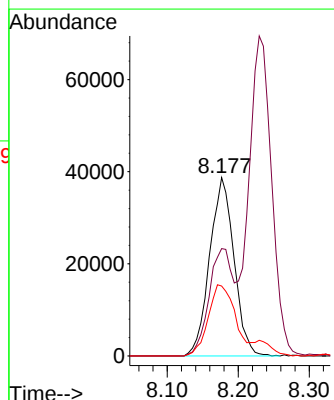
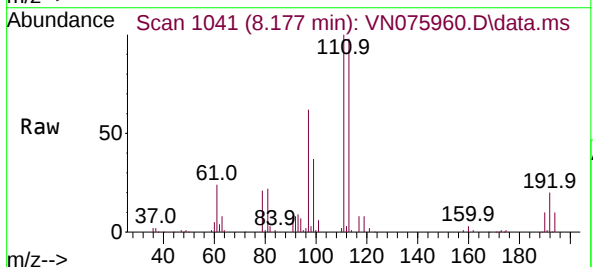
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 56 Resp: 76738
Ion Ratio Lower Upper
56 100
69 28.8 24.7 37.1
84 97.6 76.5 114.7



#32
1,1,1-Trichloroethane
Concen: 19.561 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 97 Resp: 92070
Ion Ratio Lower Upper
97 100
99 58.0 50.2 75.2
61 45.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 54.002 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

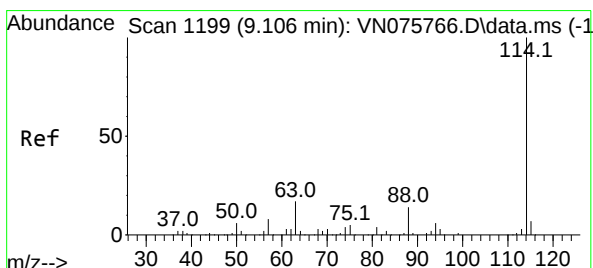
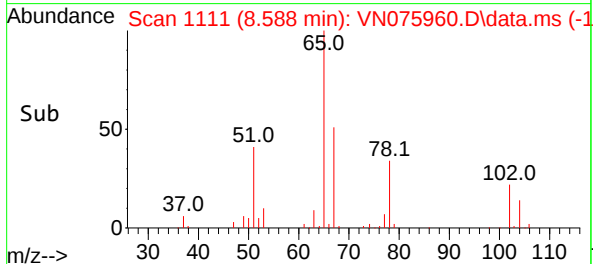
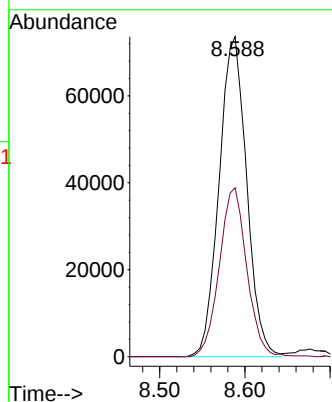
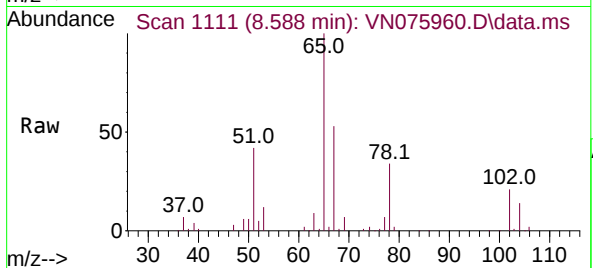
VN1223WBSD01

Tgt Ion: 65 Resp: 165043

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

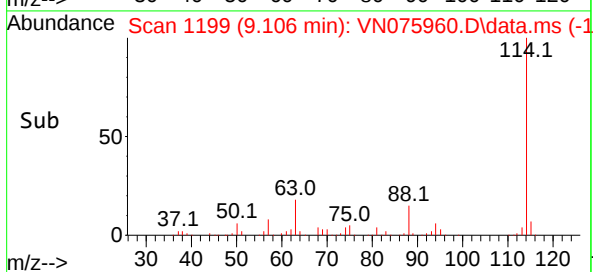
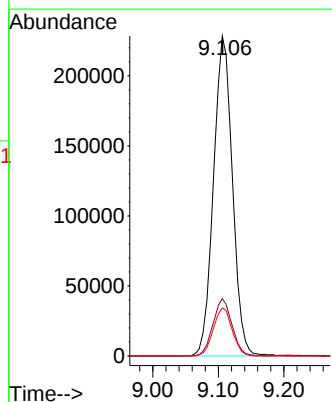
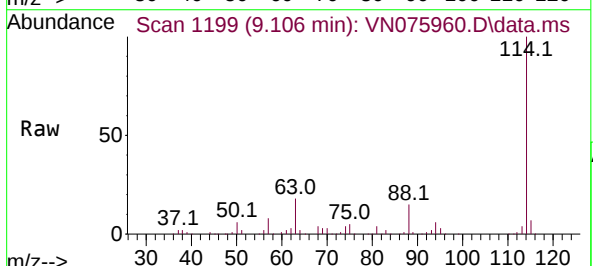
Tgt Ion: 114 Resp: 457766

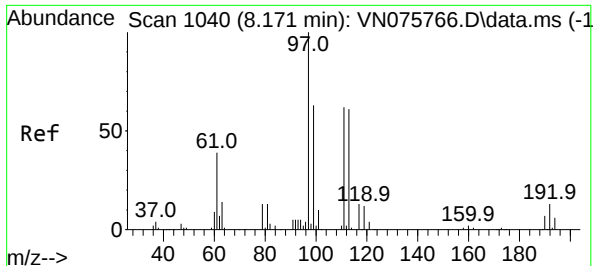
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.058 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

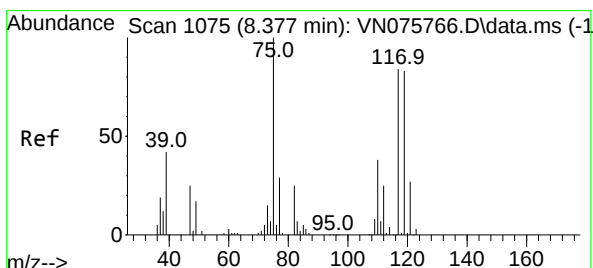
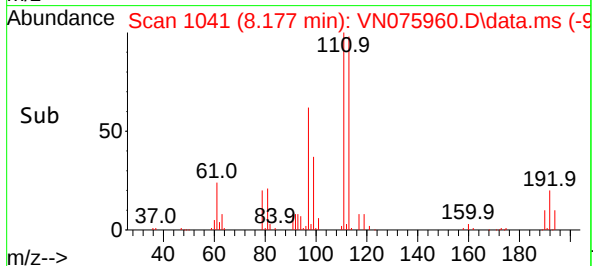
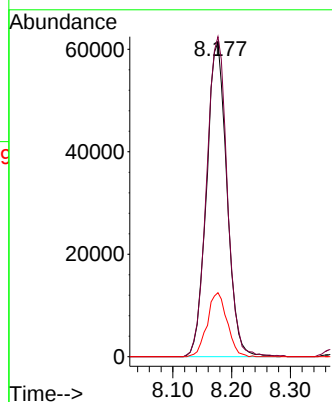
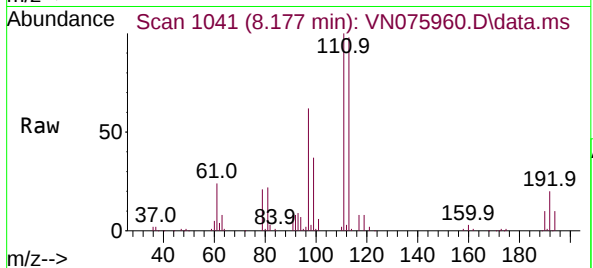
Tgt Ion:113 Resp: 147578

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 19.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 18.268 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

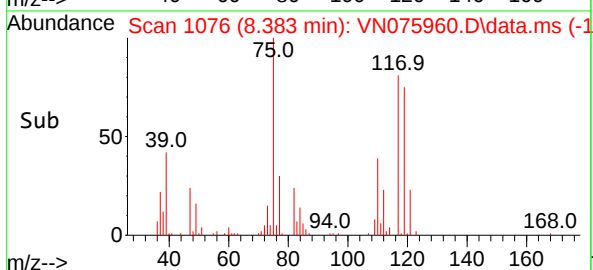
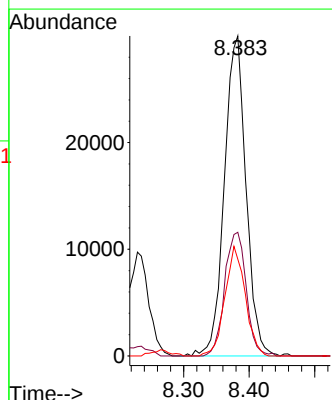
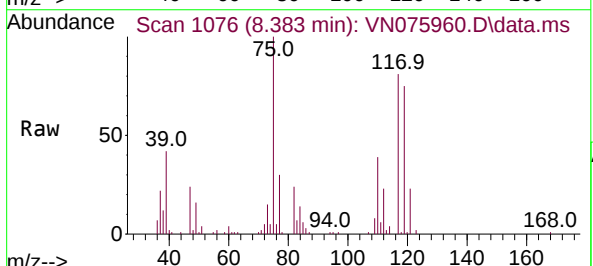
Tgt Ion: 75 Resp: 68794

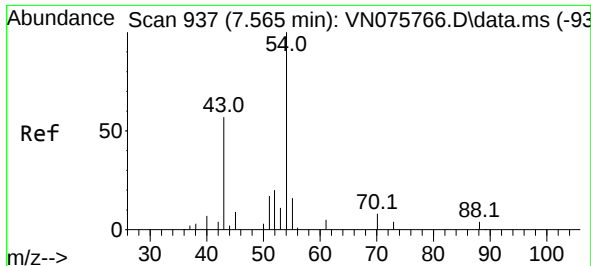
Ion Ratio Lower Upper

75 100

110 38.3 18.8 56.4

77 32.1 24.1 36.1

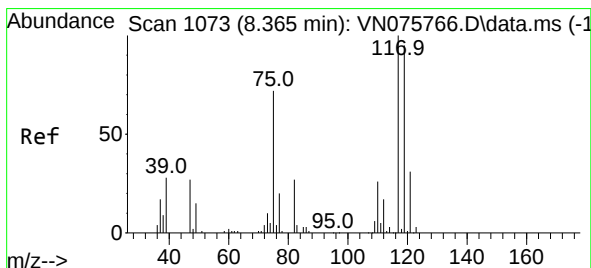
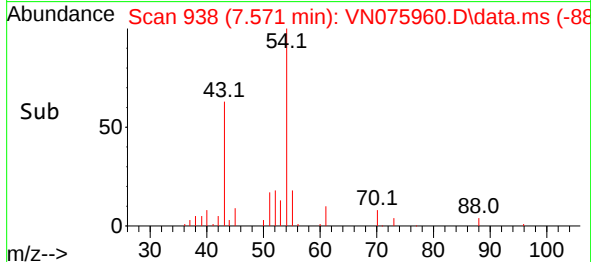
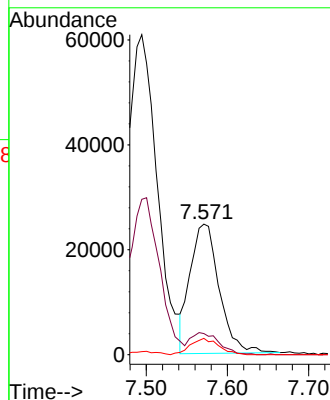
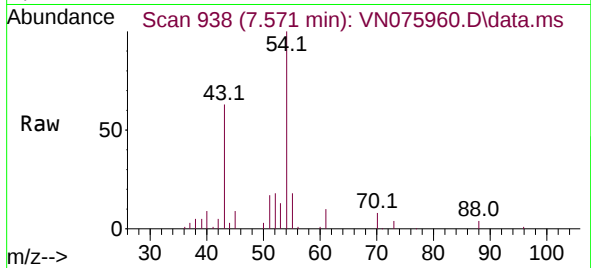




#37
Ethyl Acetate
Concen: 20.342 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

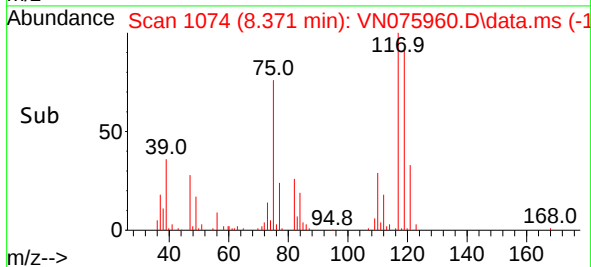
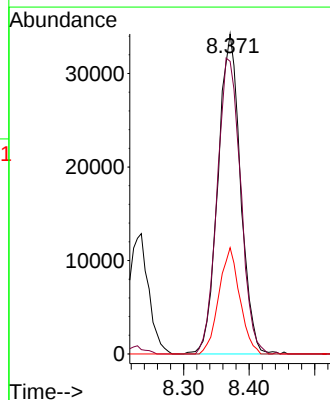
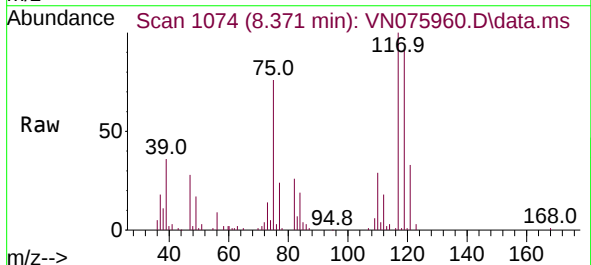
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

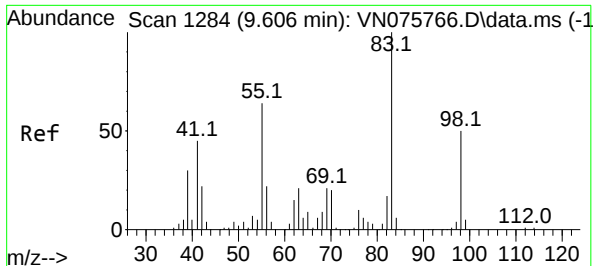
Tgt Ion: 43 Resp: 61531
Ion Ratio Lower Upper
43 100
61 16.6 13.0 19.4
70 12.2 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.366 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 117 Resp: 81623
Ion Ratio Lower Upper
117 100
119 91.4 76.1 114.1
121 33.2 24.5 36.7





#39

Methylcyclohexane

Concen: 19.082 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

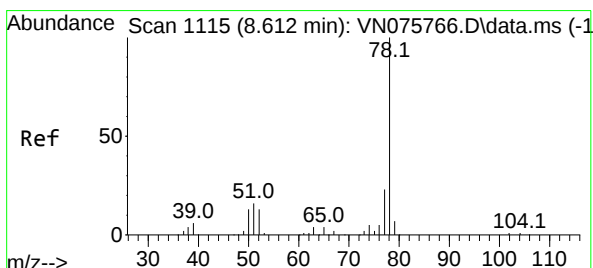
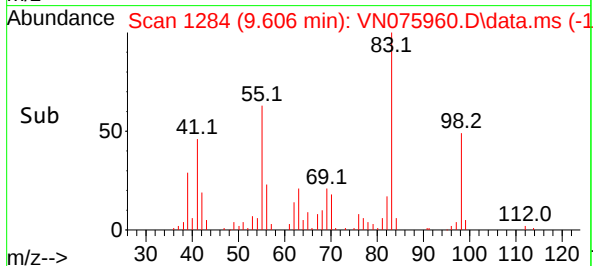
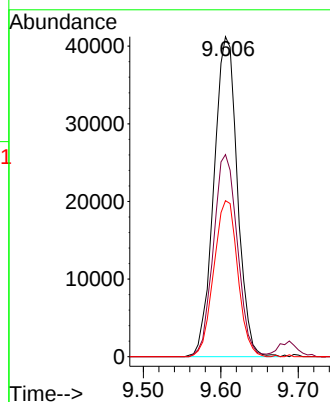
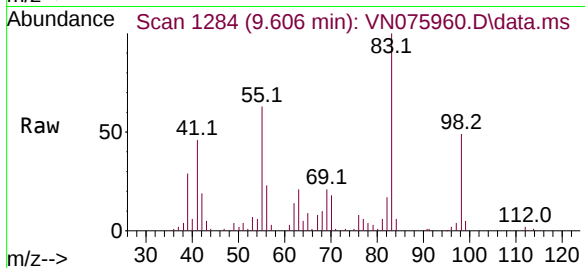
Tgt Ion: 83 Resp: 86696

Ion Ratio Lower Upper

83 100

55 63.2 51.4 77.0

98 48.7 39.8 59.8



#40

Benzene

Concen: 19.339 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075960.D

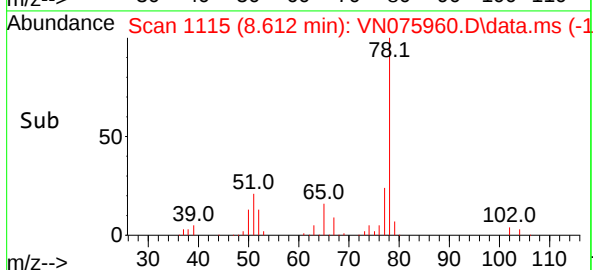
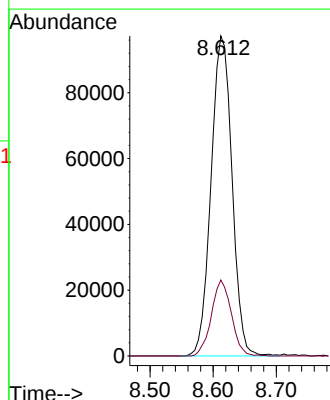
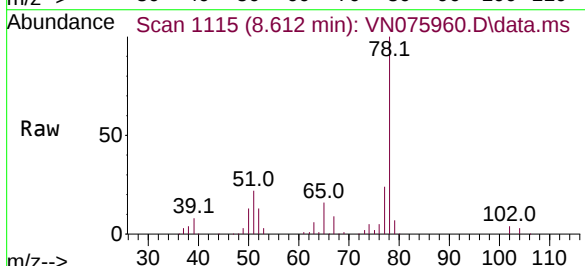
Acq: 23 Dec 2022 12:45

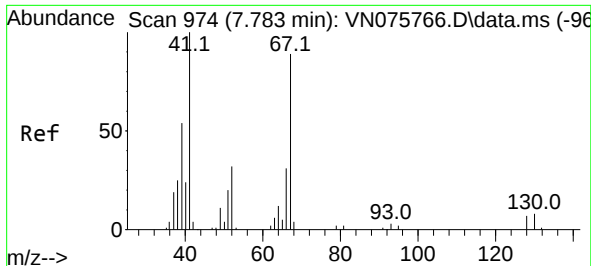
Tgt Ion: 78 Resp: 224699

Ion Ratio Lower Upper

78 100

77 23.8 18.5 27.7

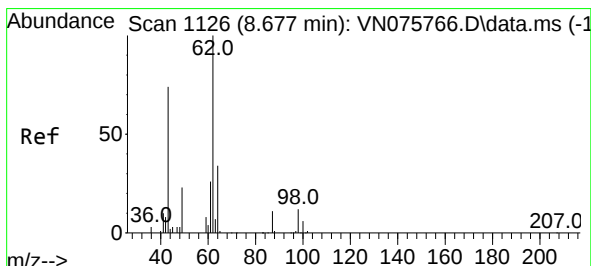
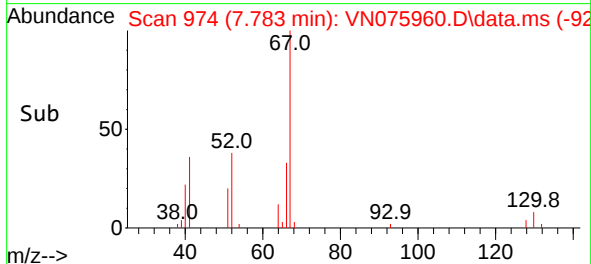
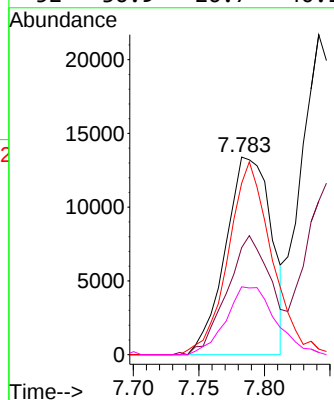
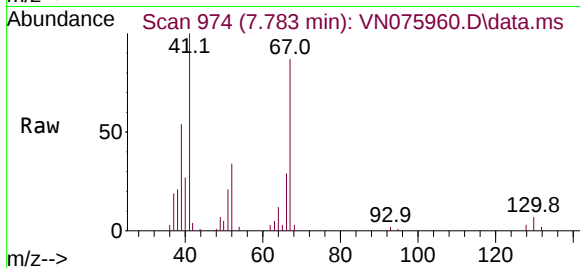




#41
Methacrylonitrile
Concen: 20.751 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

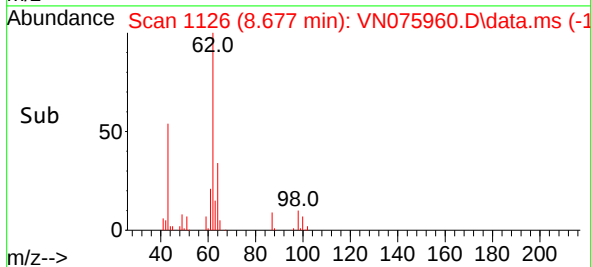
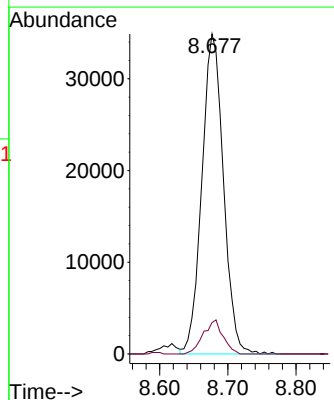
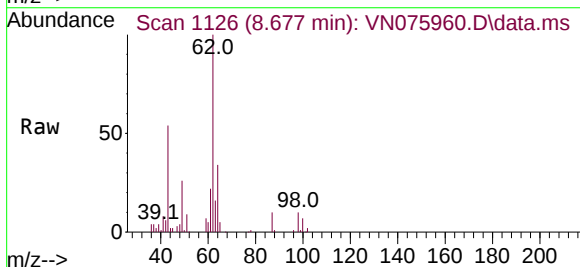
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

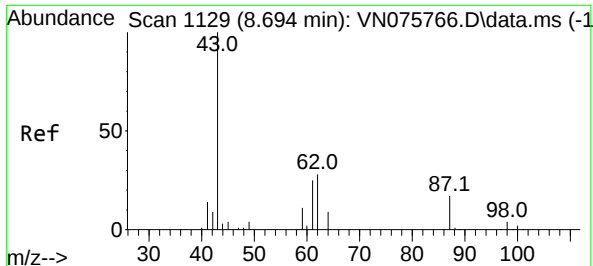
Tgt Ion:	41	Resp:	32627
Ion	Ratio	Lower	Upper
41	100		
39	59.7	43.1	64.7
67	93.1	70.7	106.1
52	36.9	26.7	40.1



#42
1,2-Dichloroethane
Concen: 19.868 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion:	62	Resp:	76746
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.8





#43

Isopropyl Acetate

Concen: 21.013 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

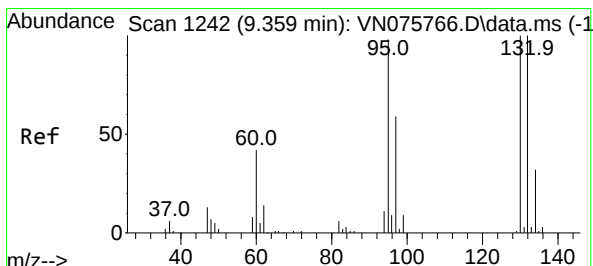
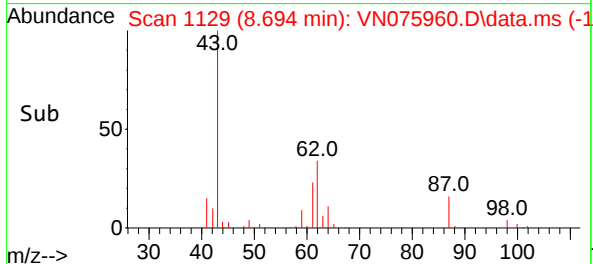
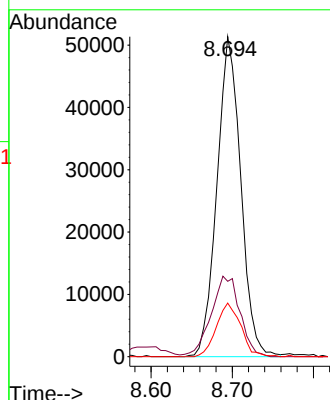
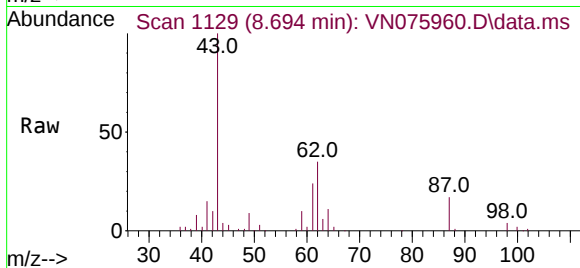
Tgt Ion: 43 Resp: 104849

Ion Ratio Lower Upper

43 100

61 30.4 24.2 36.4

87 17.2 13.3 19.9



#44

Trichloroethene

Concen: 18.297 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VN075960.D

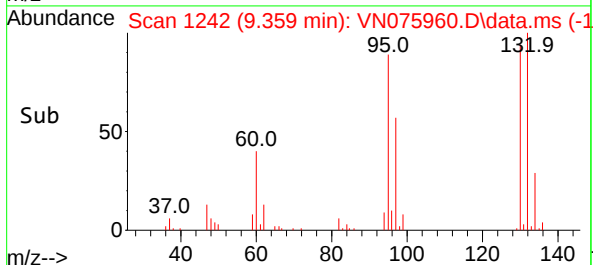
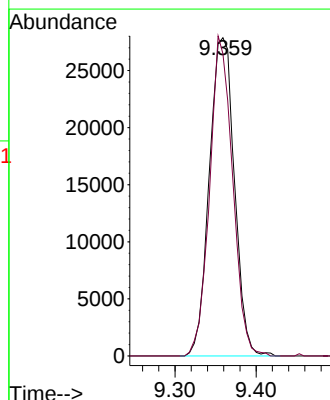
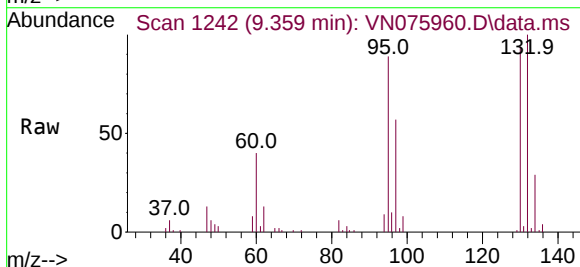
Acq: 23 Dec 2022 12:45

Tgt Ion:130 Resp: 59891

Ion Ratio Lower Upper

130 100

95 95.0 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.845 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

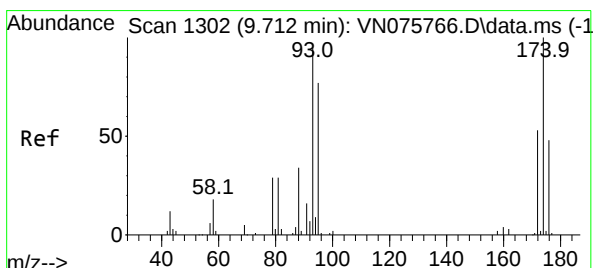
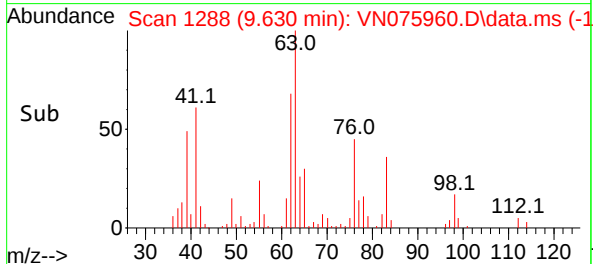
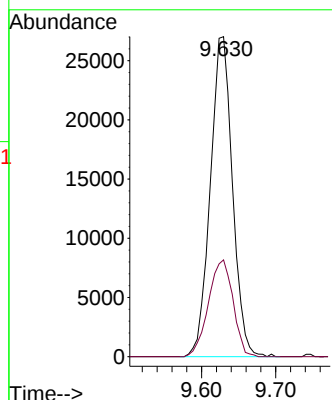
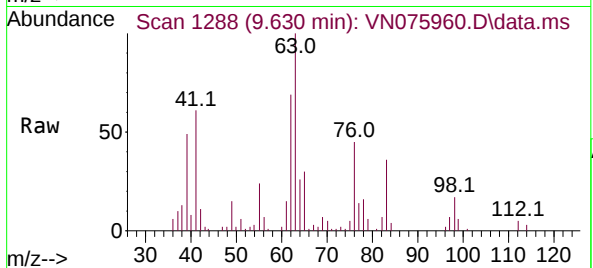
VN1223WBSD01

Tgt Ion: 63 Resp: 56109

Ion Ratio Lower Upper

63 100

65 30.2 25.7 38.5



#46

Dibromomethane

Concen: 19.586 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

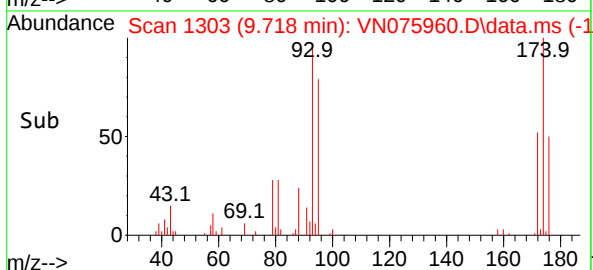
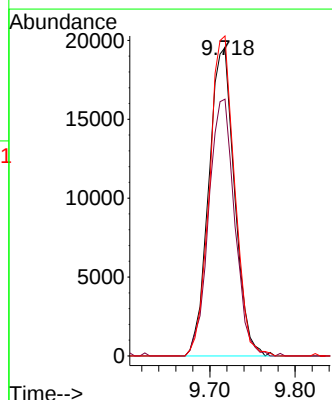
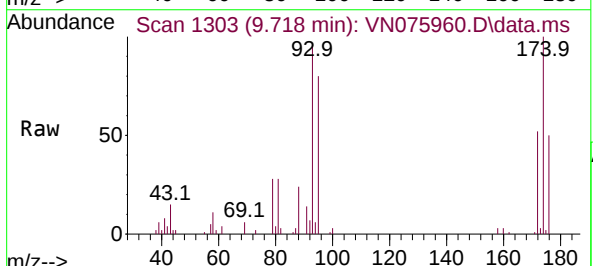
Tgt Ion: 93 Resp: 41073

Ion Ratio Lower Upper

93 100

95 83.6 65.2 97.8

174 100.9 82.4 123.6

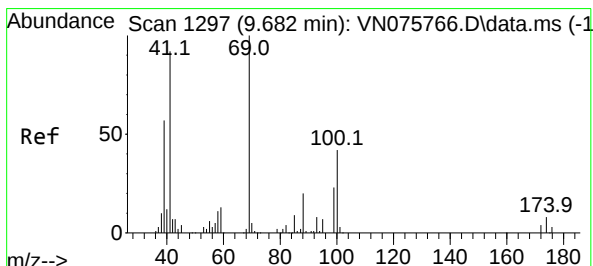
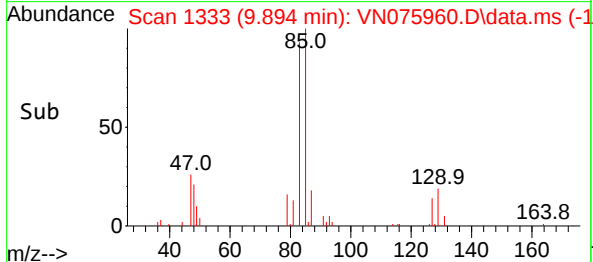
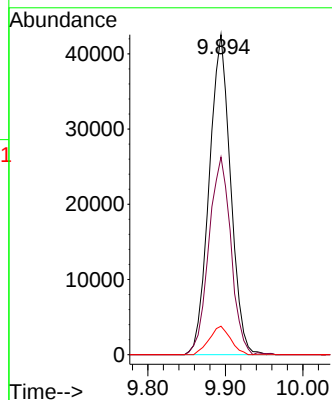
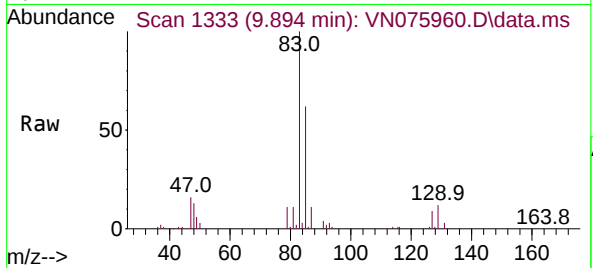




#47
Bromodichloromethane
Concen: 19.758 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

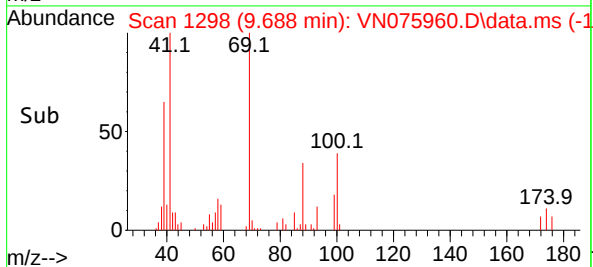
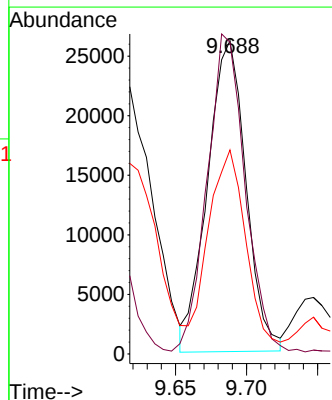
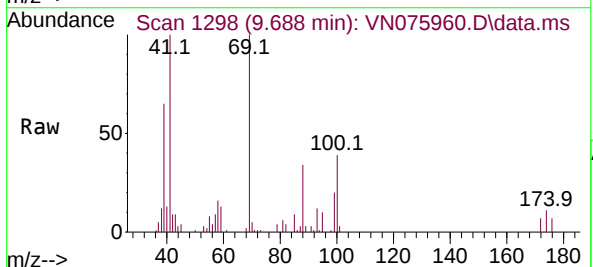
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Tgt Ion: 83 Resp: 81253
Ion Ratio Lower Upper
83 100
85 61.8 51.5 77.3
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 21.863 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 41 Resp: 49135
Ion Ratio Lower Upper
41 100
69 101.0 81.9 122.9
39 65.1 51.6 77.4





#49

1,4-Dioxane

Concen: 437.411 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

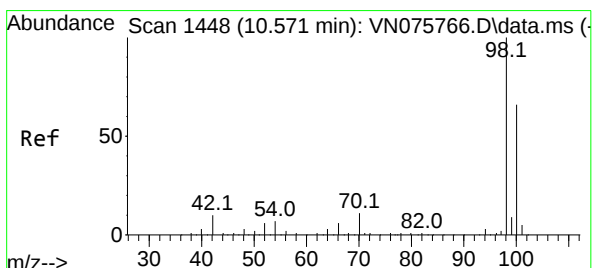
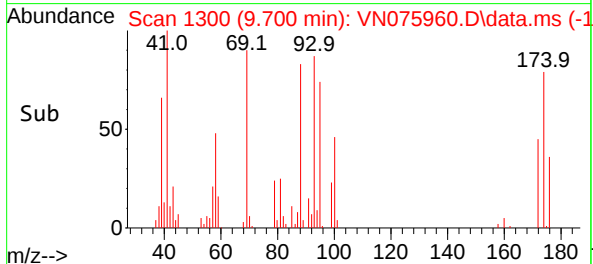
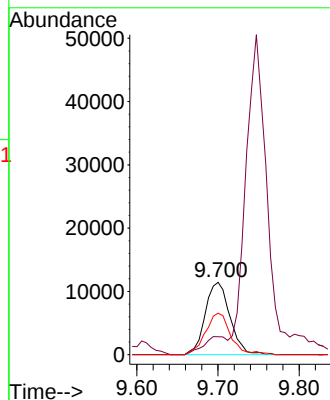
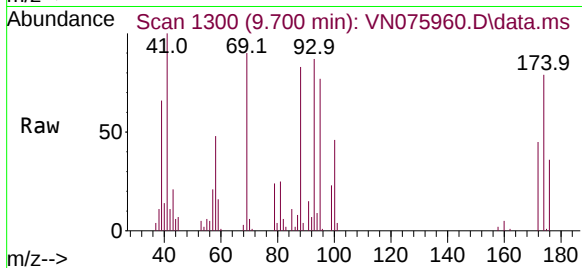
Tgt Ion: 88 Resp: 24167

Ion Ratio Lower Upper

88 100

43 24.0 17.1 25.7

58 58.6 47.8 71.8



#50

Toluene-d8

Concen: 51.936 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075960.D

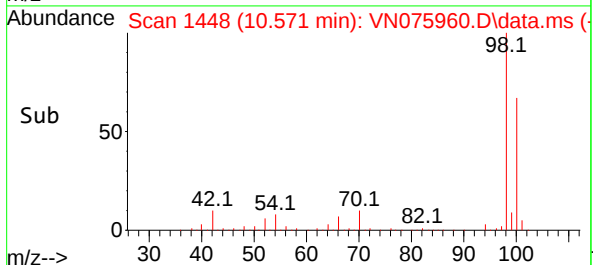
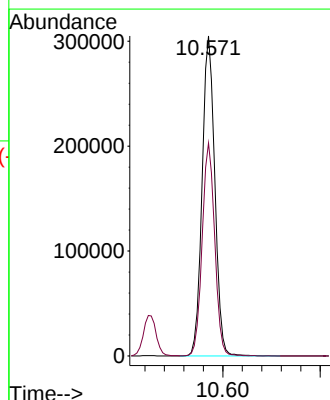
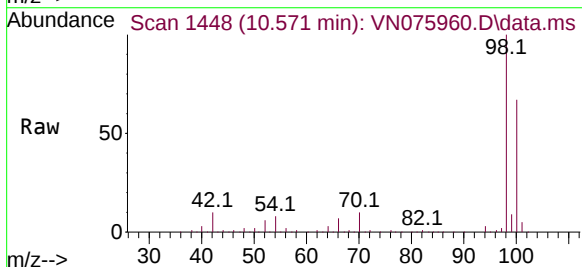
Acq: 23 Dec 2022 12:45

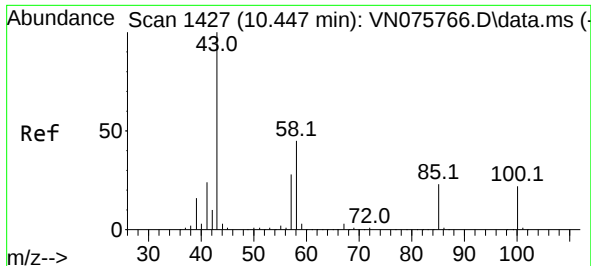
Tgt Ion: 98 Resp: 550480

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 113.180 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

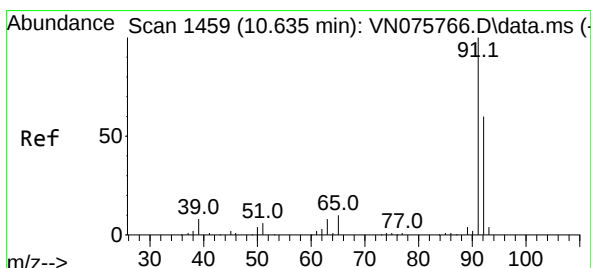
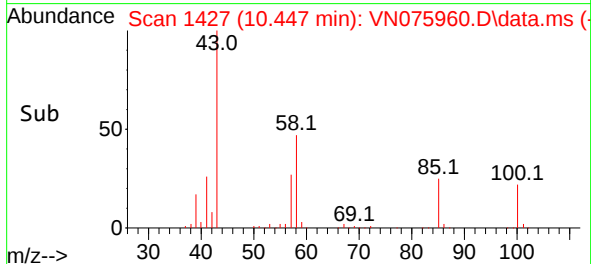
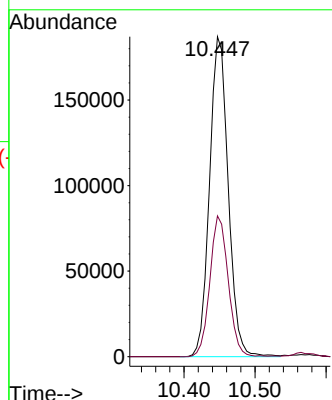
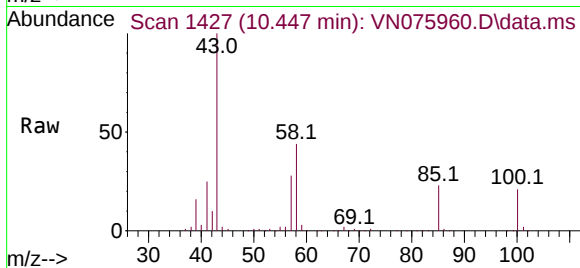
VN1223WBSD01

Tgt Ion: 43 Resp: 341533

Ion Ratio Lower Upper

43 100

58 43.3 35.5 53.3



#52

Toluene

Concen: 19.650 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN075960.D

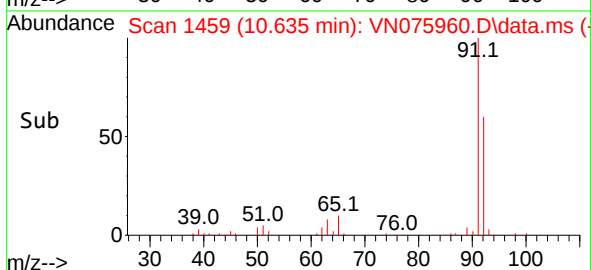
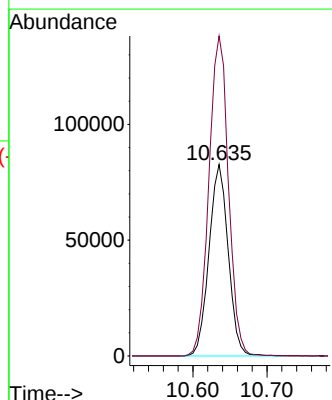
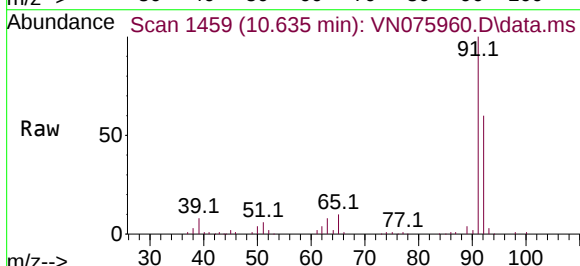
Acq: 23 Dec 2022 12:45

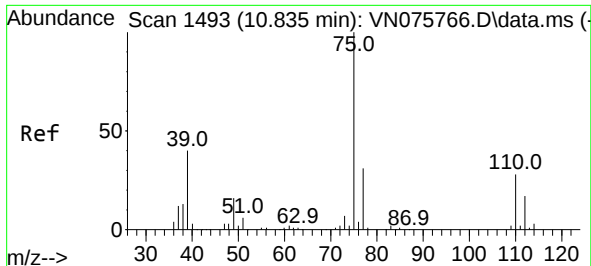
Tgt Ion: 92 Resp: 148697

Ion Ratio Lower Upper

92 100

91 170.5 137.3 205.9

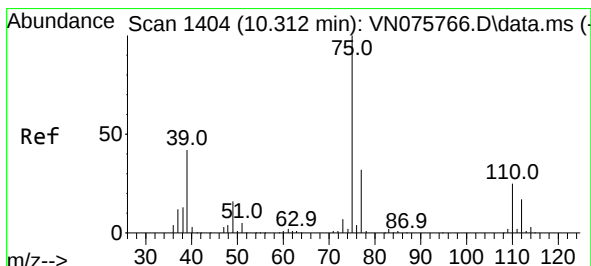
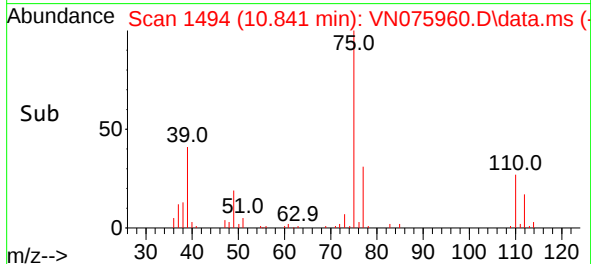
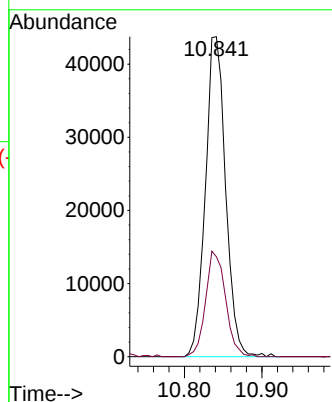
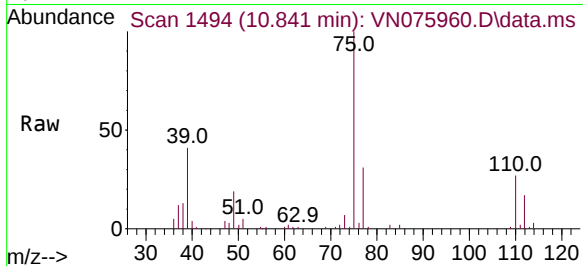




#53
 t-1,3-Dichloropropene
 Concen: 19.719 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075960.D
 Acq: 23 Dec 2022 12:45

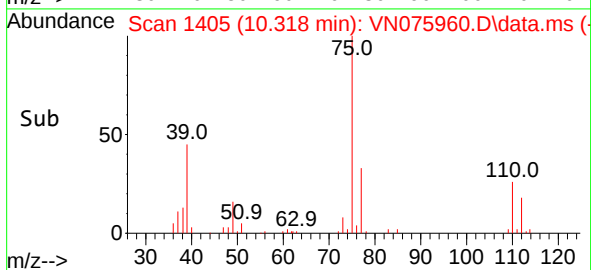
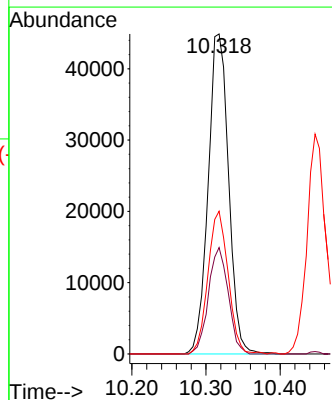
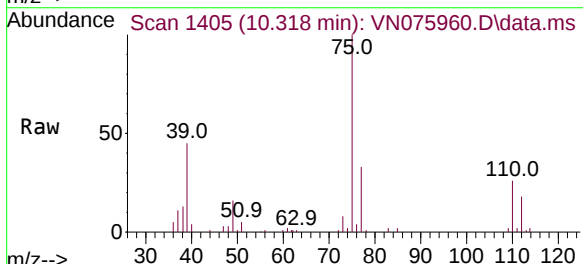
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD01

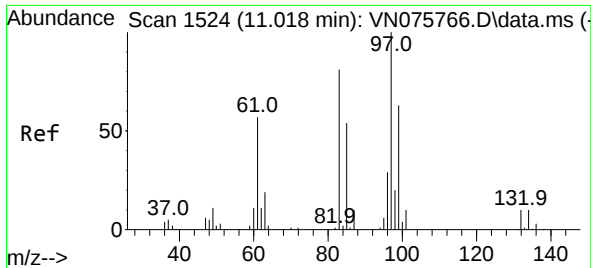
Tgt Ion: 75 Resp: 79381
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.472 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075960.D
 Acq: 23 Dec 2022 12:45

Tgt Ion: 75 Resp: 86066
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.8 38.8
 39 44.6 33.4 50.2

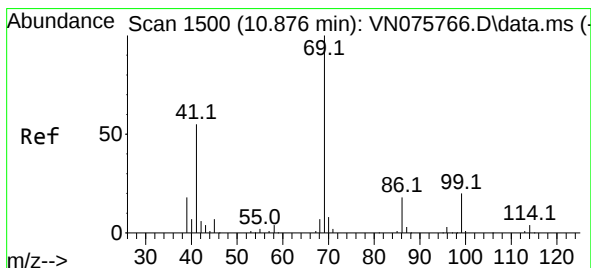
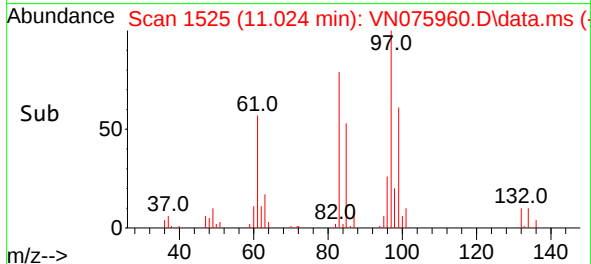
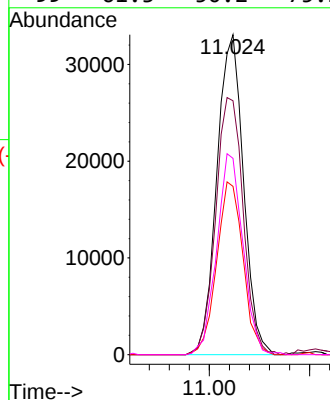
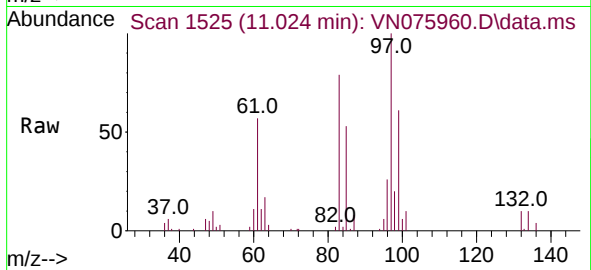




#55
1,1,2-Trichloroethane
Concen: 20.504 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

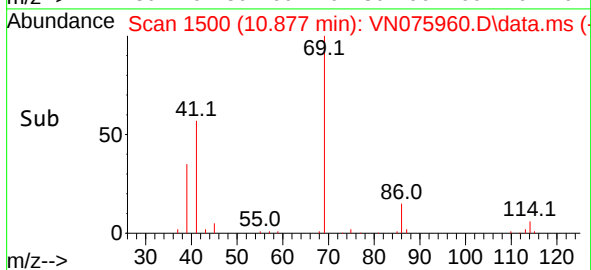
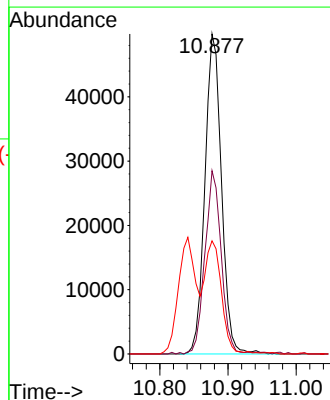
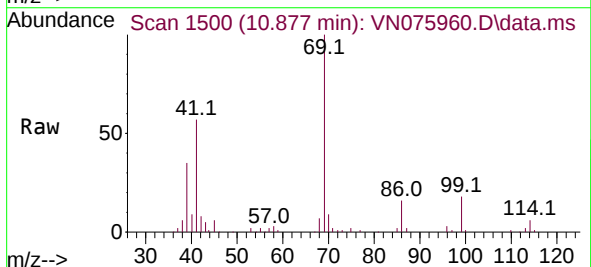
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

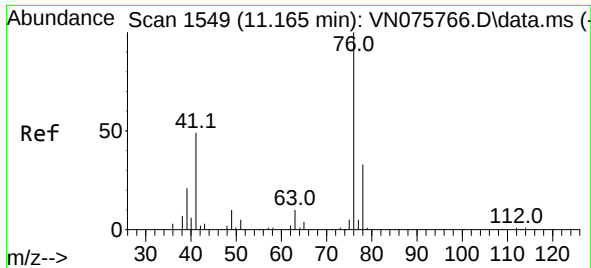
Tgt Ion: 97	Resp: 60901
Ion Ratio	Lower Upper
97 100	
83 79.3	65.0 97.4
85 52.6	43.0 64.6
99 61.3	50.2 75.2



#56
Ethyl methacrylate
Concen: 21.307 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 69	Resp: 84059
Ion Ratio	Lower Upper
69 100	
41 56.2	44.2 66.4
39 35.0	26.4 39.6

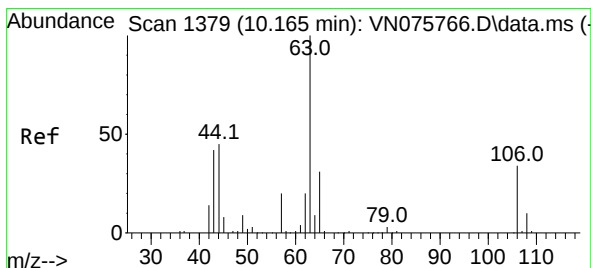
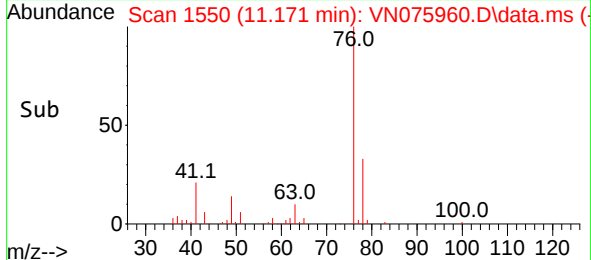
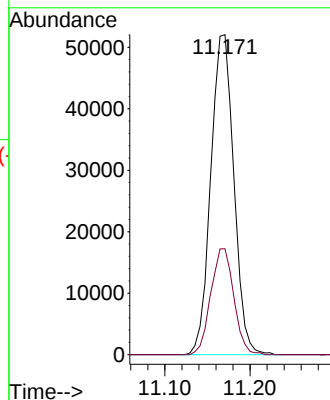
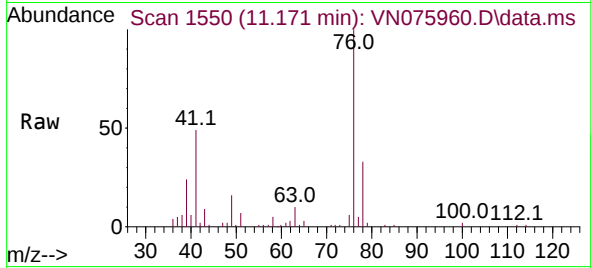




#57
1,3-Dichloropropane
Concen: 20.133 ug/l
RT: 11.171 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

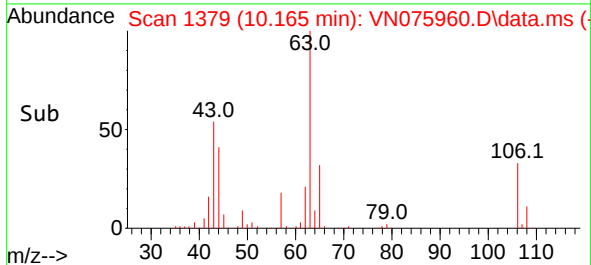
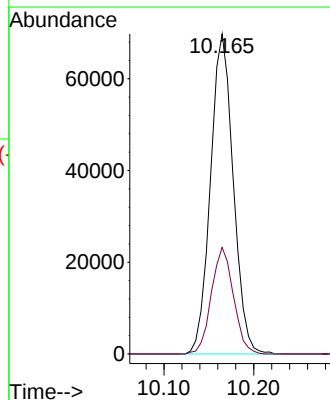
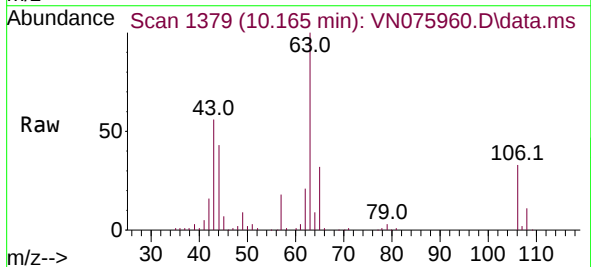
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

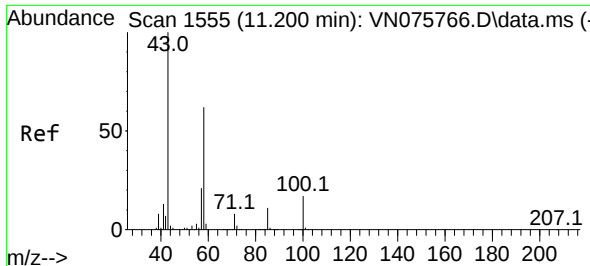
Tgt Ion: 76 Resp: 98086
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 97.865 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 63 Resp: 122925
Ion Ratio Lower Upper
63 100
106 32.3 26.4 39.6

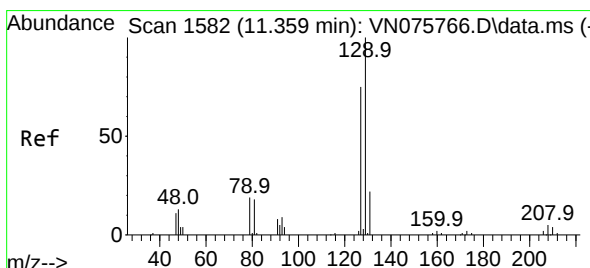
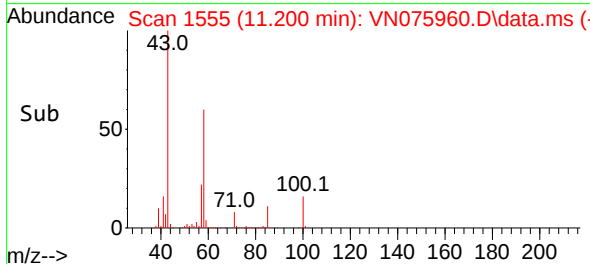
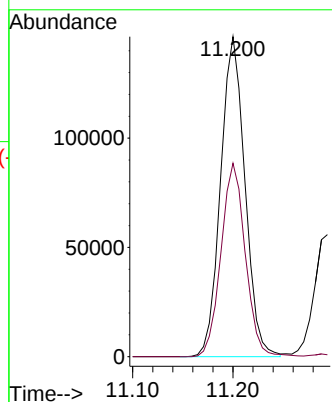
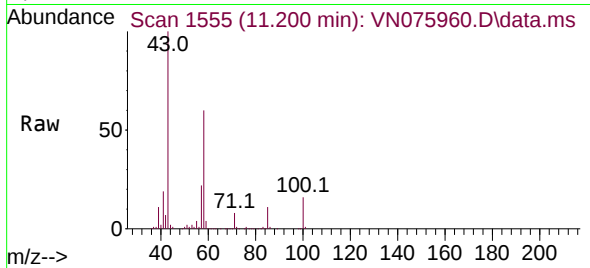




#59
2-Hexanone
Concen: 111.838 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

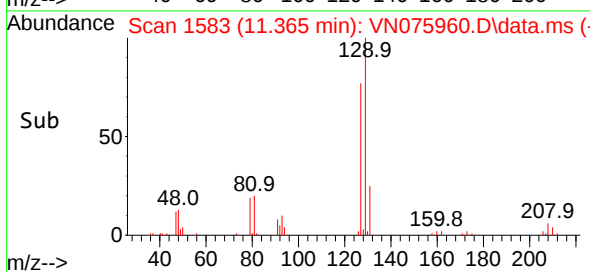
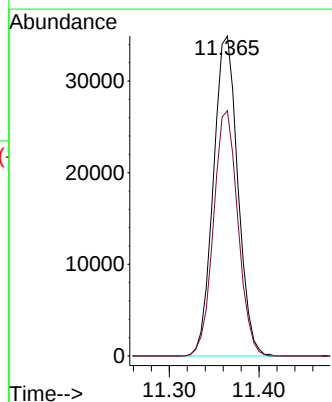
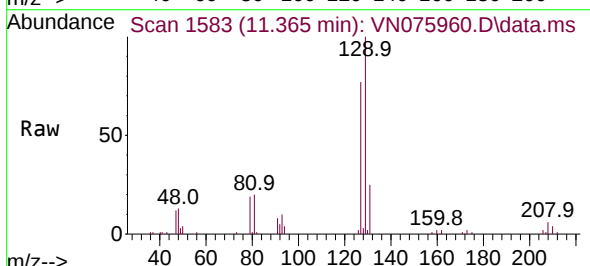
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

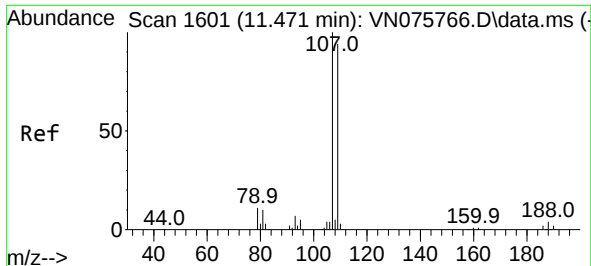
Tgt Ion: 43 Resp: 246117
Ion Ratio Lower Upper
43 100
58 60.4 30.6 92.0



#60
Dibromochloromethane
Concen: 20.018 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 129 Resp: 66121
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.9

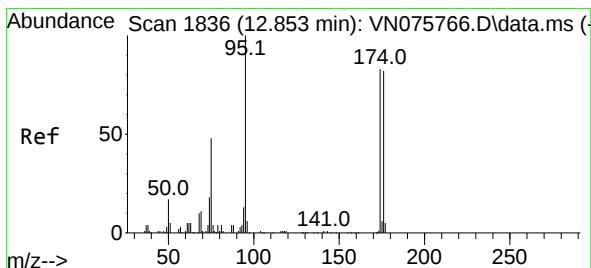
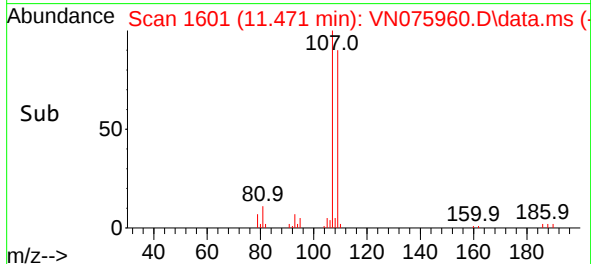
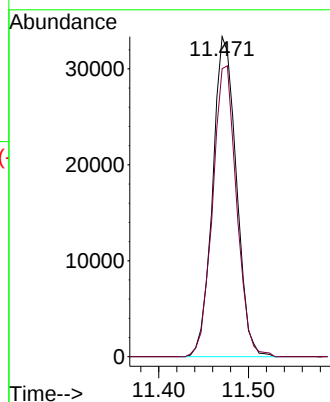
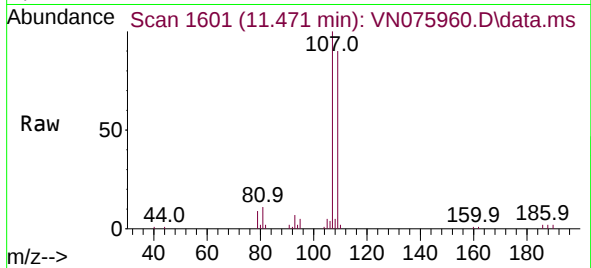




#61
1,2-Dibromoethane
Concen: 20.320 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

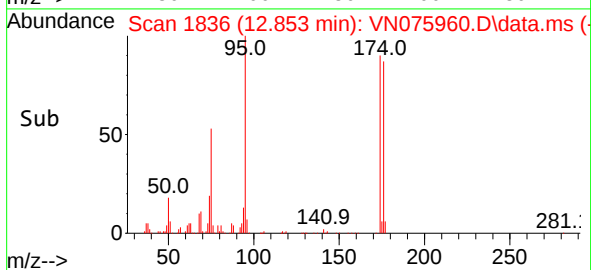
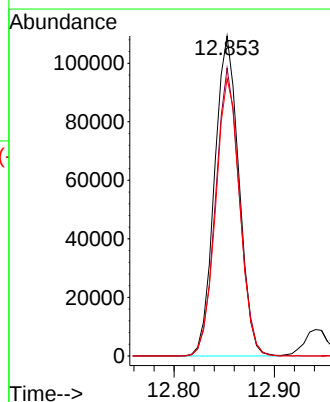
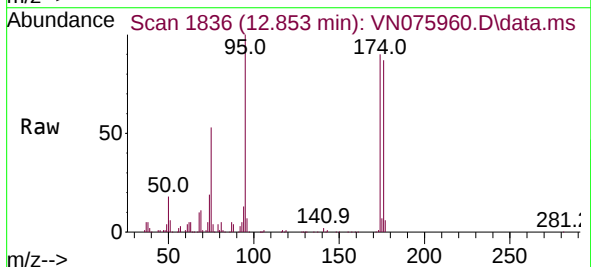
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

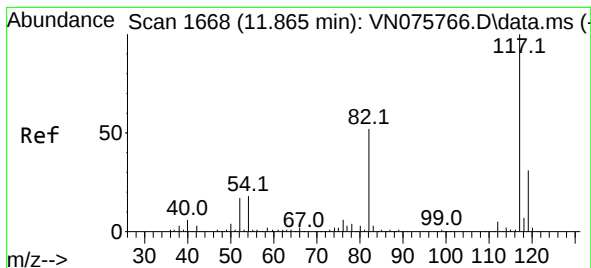
Tgt Ion:107 Resp: 61075
Ion Ratio Lower Upper
107 100
109 91.9 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 52.316 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 95 Resp: 183660
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.6
176 86.1 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

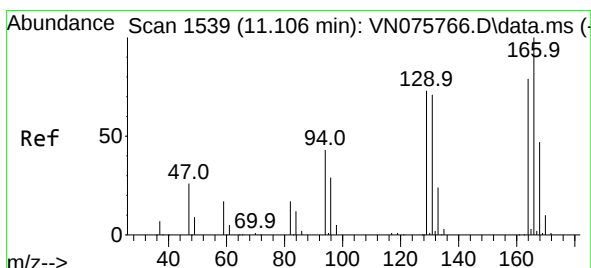
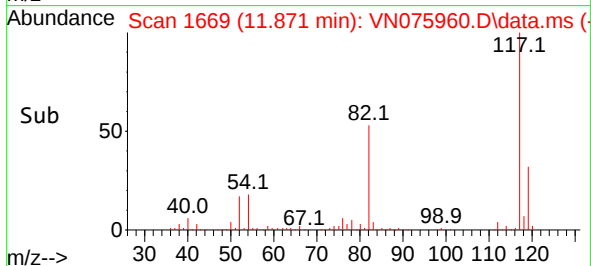
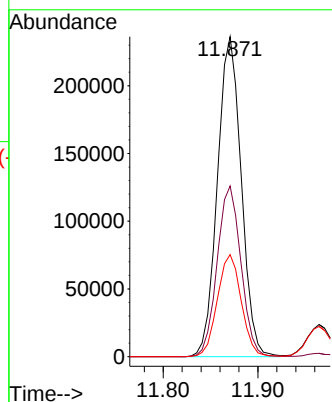
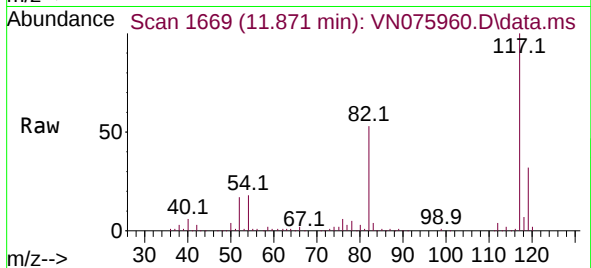
Tgt Ion:117 Resp: 413311

Ion Ratio Lower Upper

117 100

82 53.4 41.3 61.9

119 31.9 24.6 37.0



#64

Tetrachloroethene

Concen: 19.663 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Tgt Ion:164 Resp: 57186

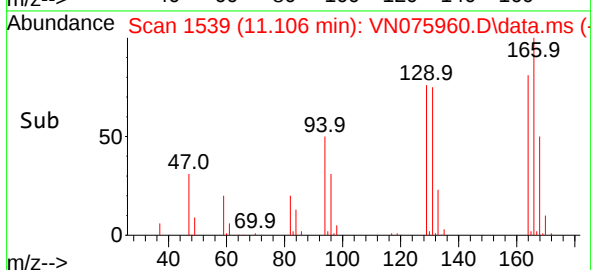
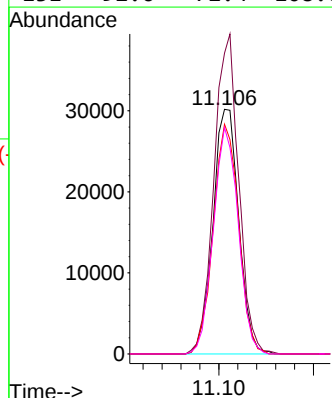
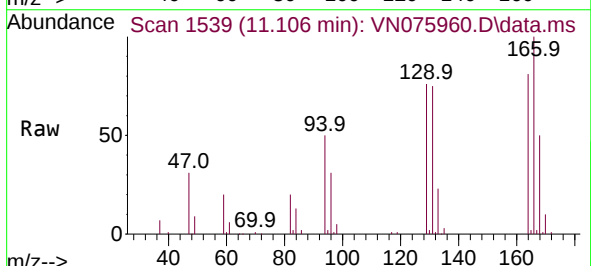
Ion Ratio Lower Upper

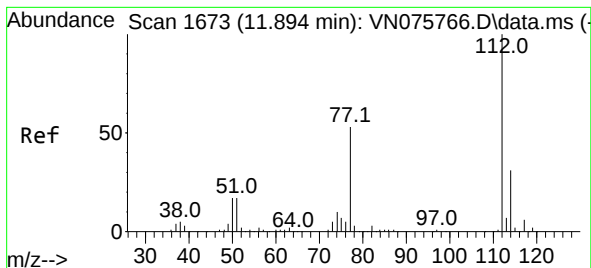
164 100

166 123.0 101.9 152.9

129 93.9 74.2 111.2

131 92.6 72.4 108.6





#65

Chlorobenzene

Concen: 18.779 ug/l

RT: 11.894 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

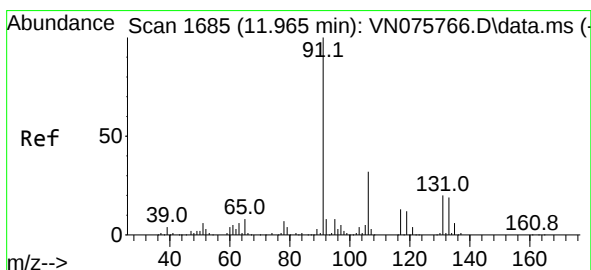
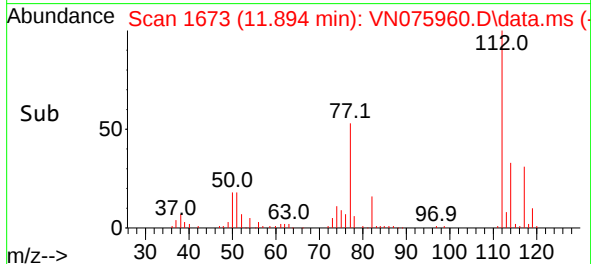
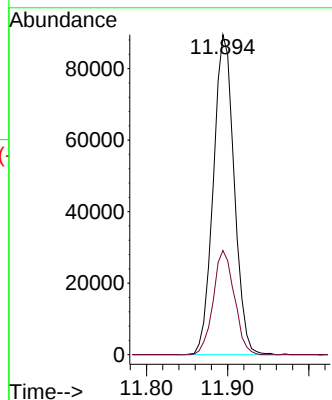
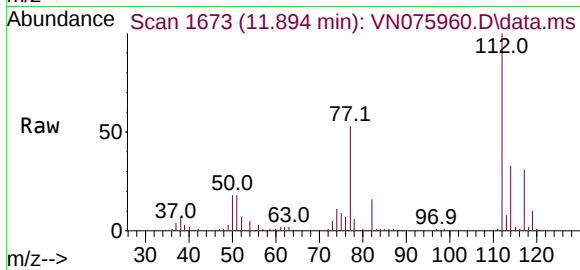
VN1223WBSD01

Tgt Ion:112 Resp: 159307

Ion Ratio Lower Upper

112 100

114 32.5 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.638 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

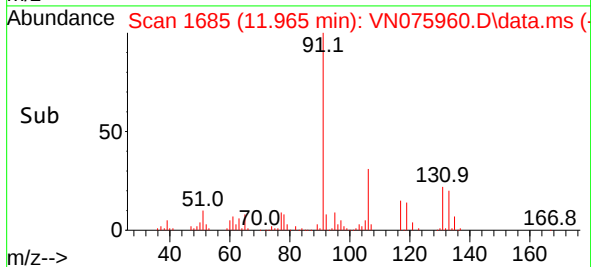
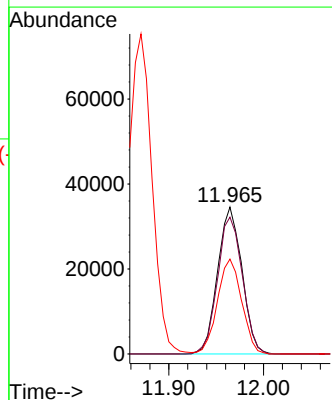
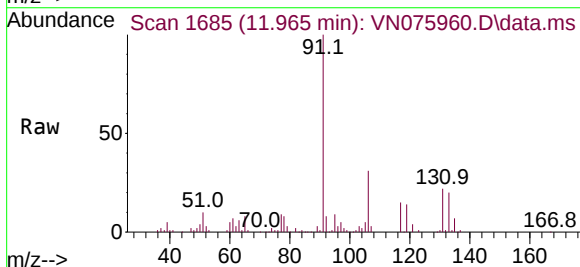
Tgt Ion:131 Resp: 61705

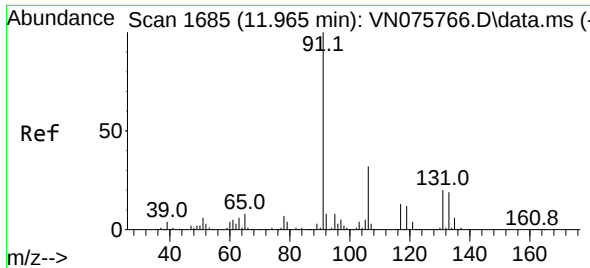
Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.5

119 64.6 31.9 95.7

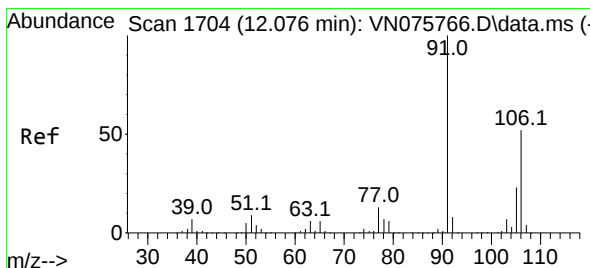
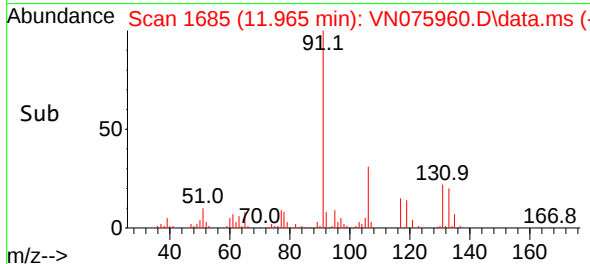
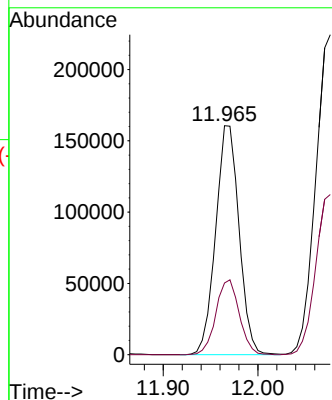
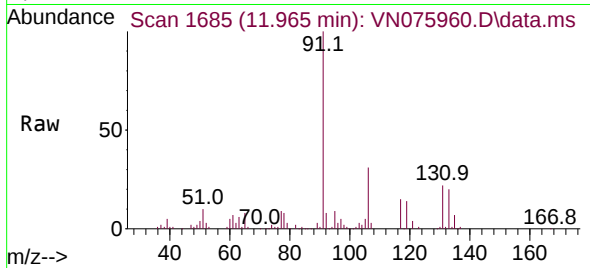




#67
Ethyl Benzene
Concen: 19.303 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

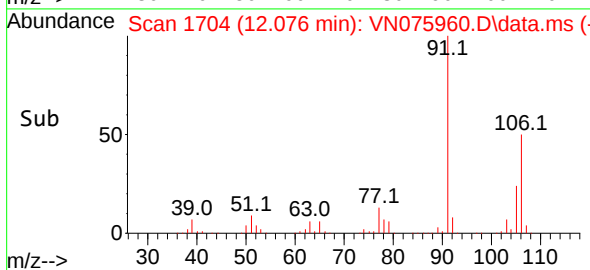
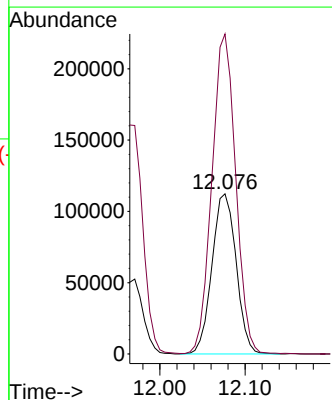
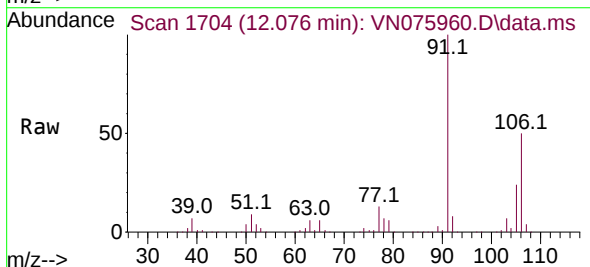
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

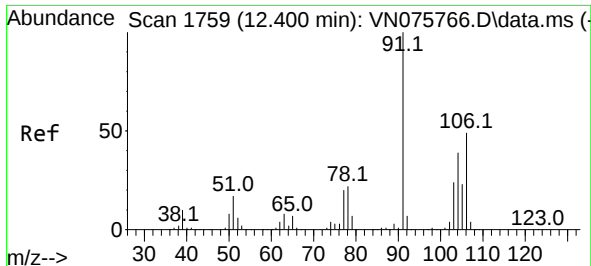
Tgt Ion: 91 Resp: 276362
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5



#68
m/p-Xylenes
Concen: 39.039 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion:106 Resp: 221226
Ion Ratio Lower Upper
106 100
91 196.8 156.6 235.0

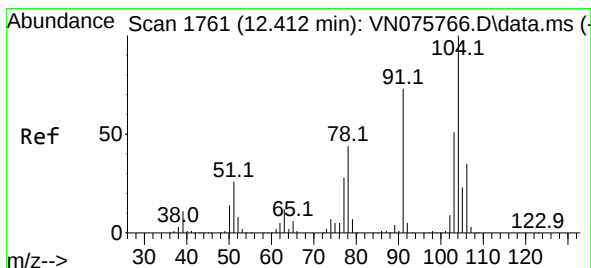
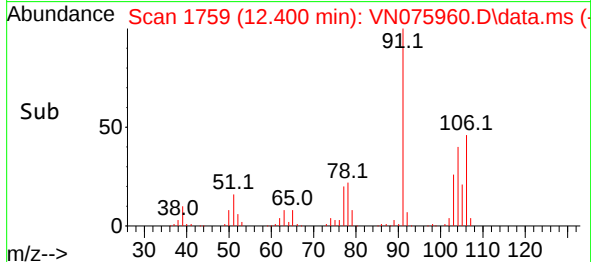
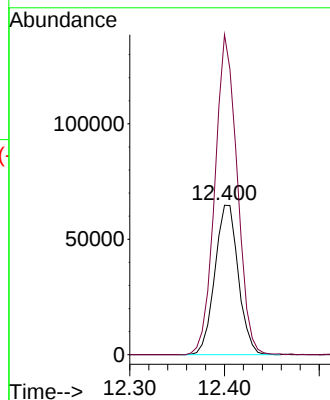
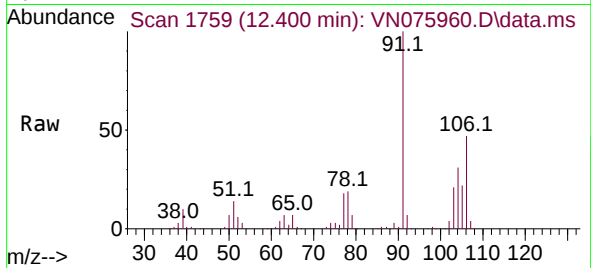




#69
o-Xylene
Concen: 19.891 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

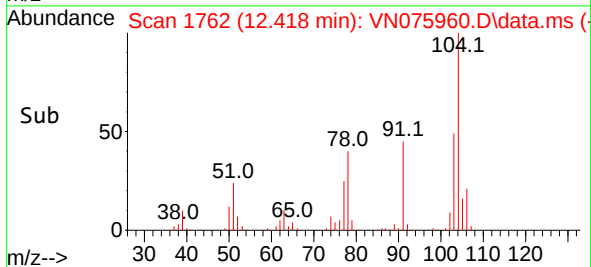
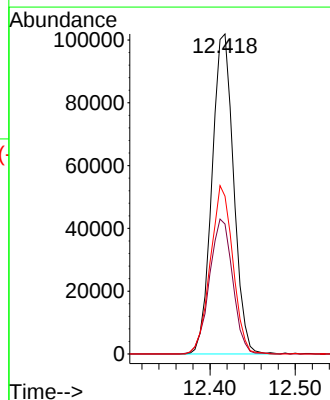
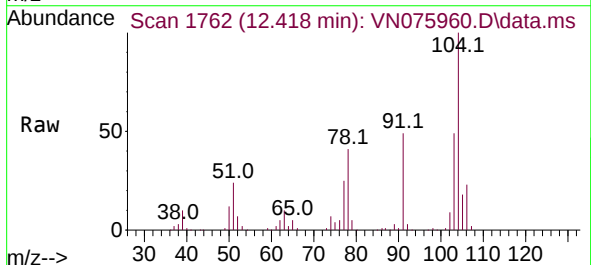
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

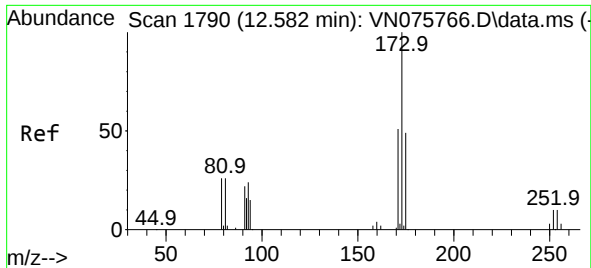
Tgt Ion:106 Resp: 111545
Ion Ratio Lower Upper
106 100
91 203.8 103.8 311.6



#70
Styrene
Concen: 20.170 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion:104 Resp: 179849
Ion Ratio Lower Upper
104 100
78 45.1 37.5 56.3
103 54.5 43.5 65.3

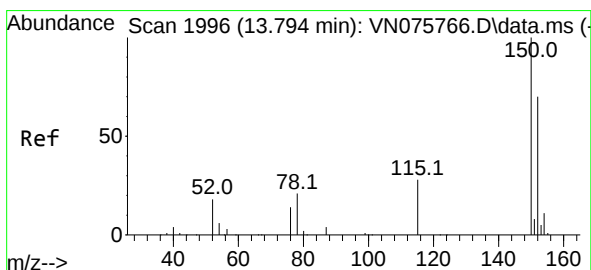
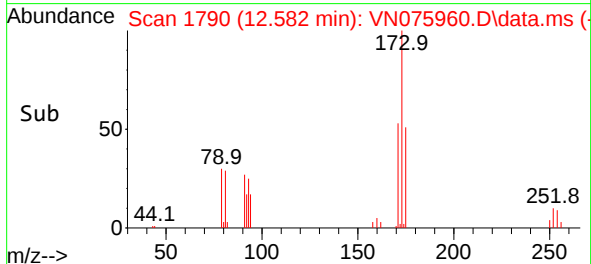
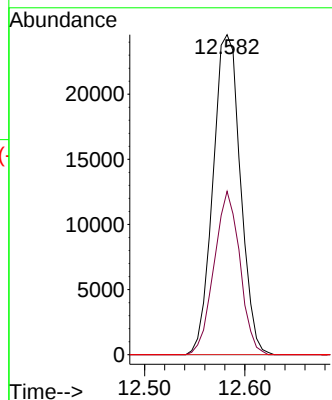
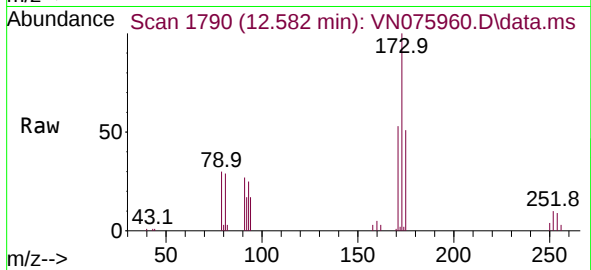




#71
Bromoform
Concen: 20.367 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

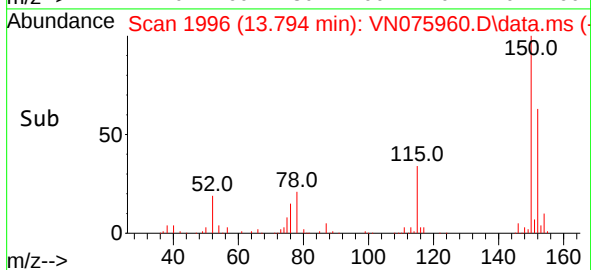
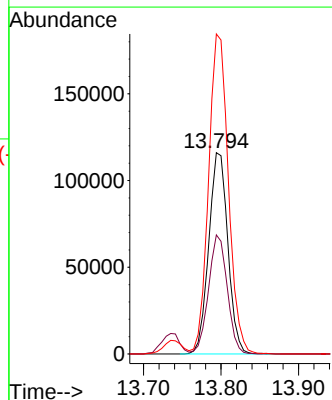
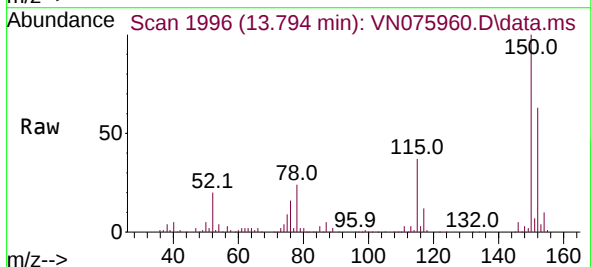
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

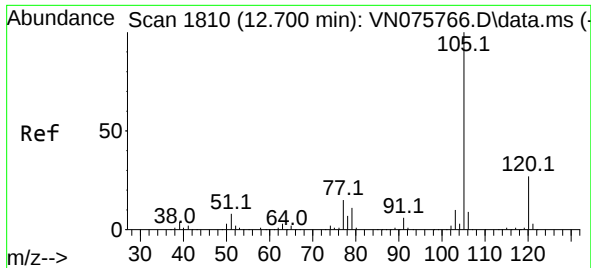
Tgt Ion:173 Resp: 46567
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion:152 Resp: 198577
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 164.8 0.0 347.0

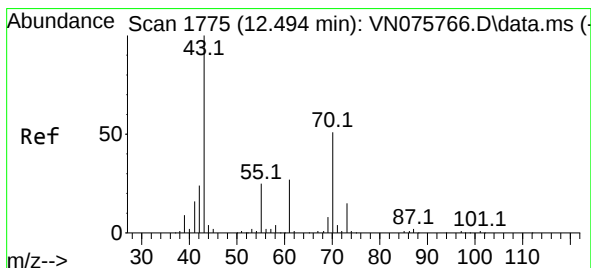
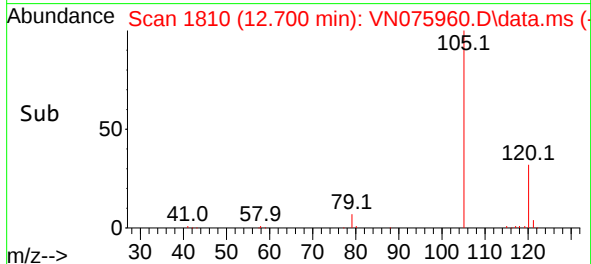
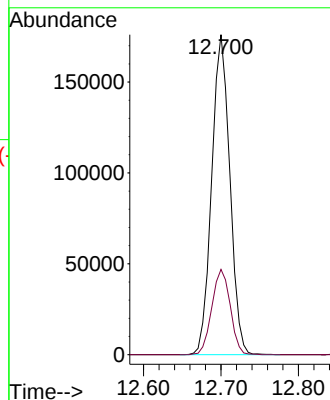
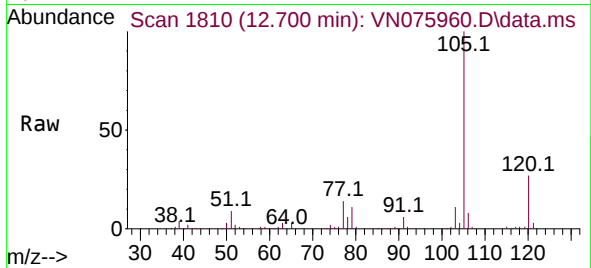




#73
Isopropylbenzene
Concen: 19.928 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

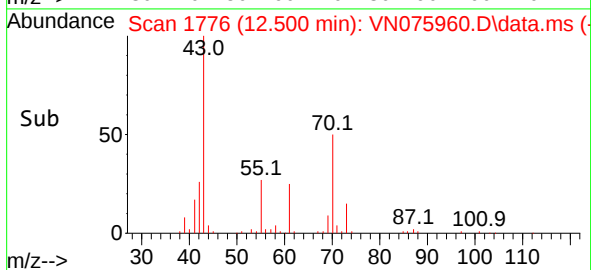
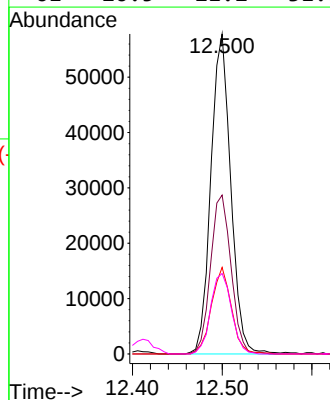
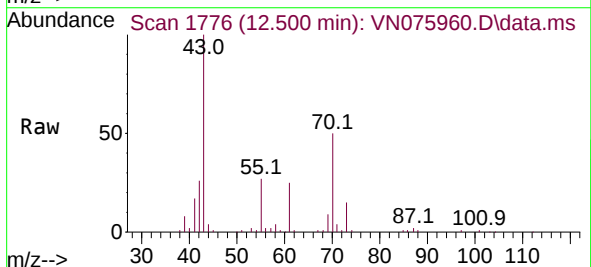
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

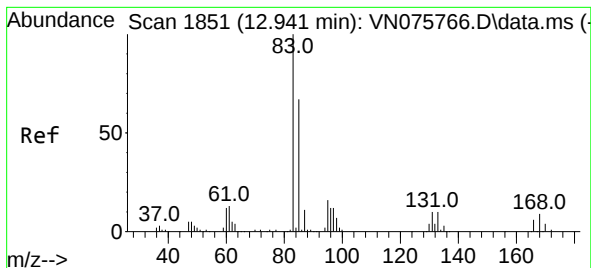
Tgt Ion:105 Resp: 285970
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 21.116 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 43 Resp: 88895
Ion Ratio Lower Upper
43 100
70 51.3 41.4 62.0
55 27.3 21.3 31.9
61 26.5 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.241 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

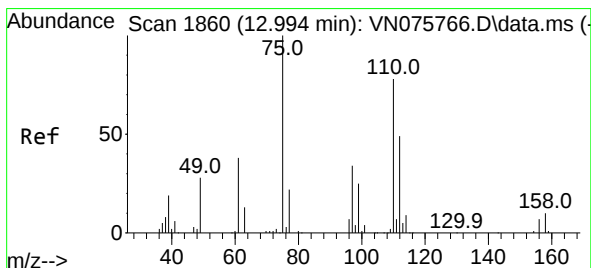
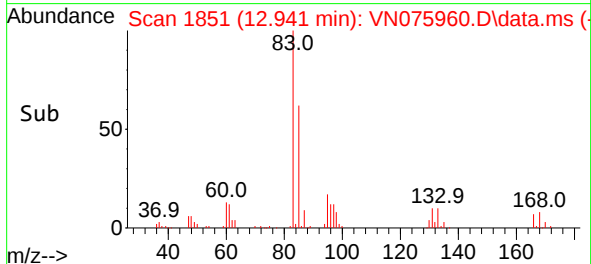
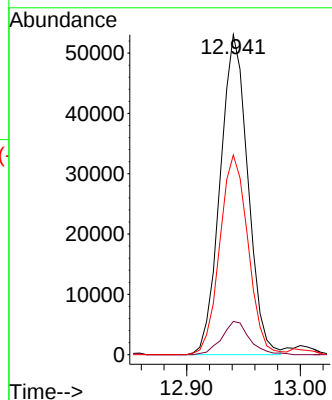
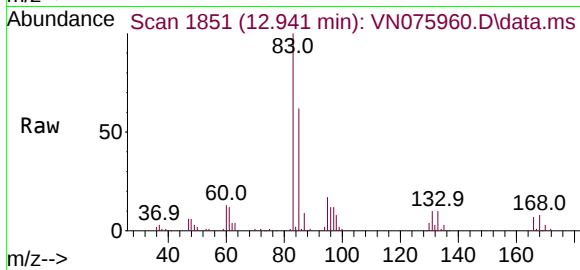
Tgt Ion: 83 Resp: 89792

Ion Ratio Lower Upper

83 100

131 10.5 5.6 16.8

85 63.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 26.497 ug/l

RT: 13.000 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VN075960.D

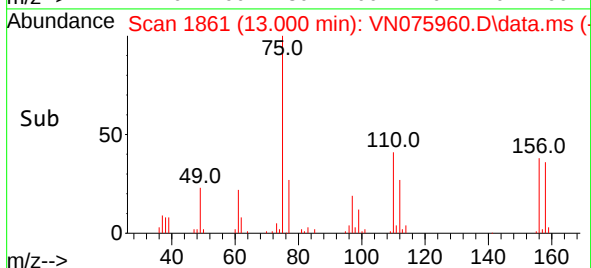
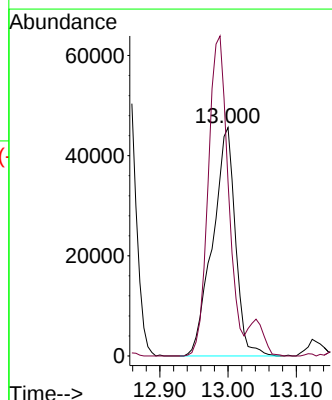
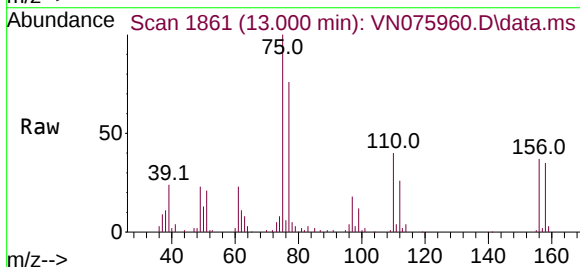
Acq: 23 Dec 2022 12:45

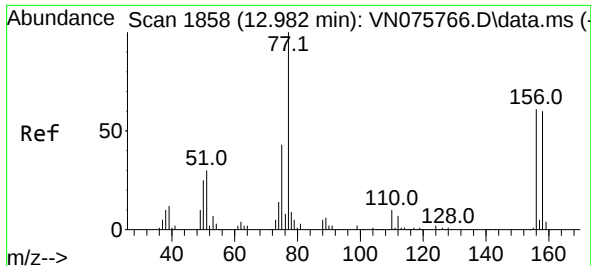
Tgt Ion: 75 Resp: 106061

Ion Ratio Lower Upper

75 100

77 123.1 82.6 247.8

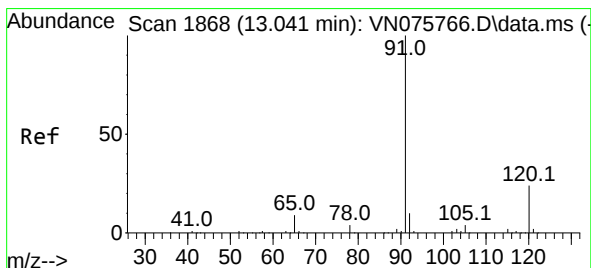
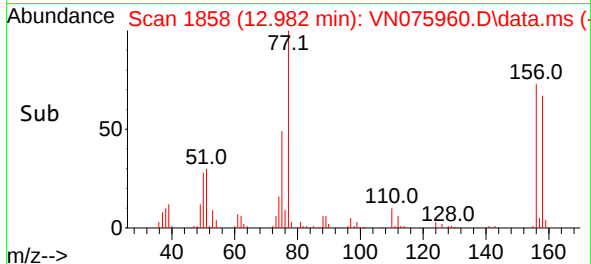
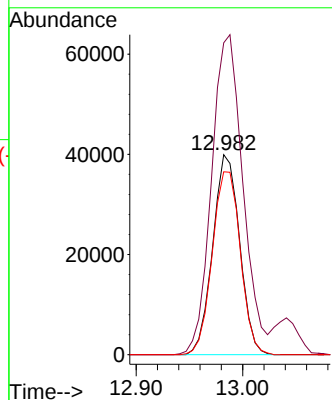
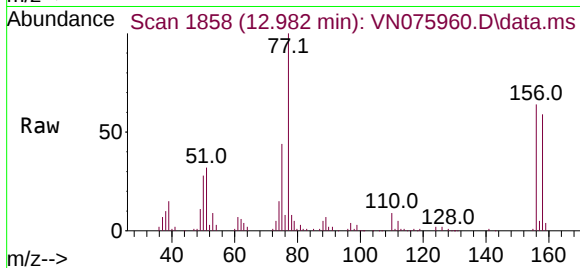




#77
Bromobenzene
Concen: 19.264 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

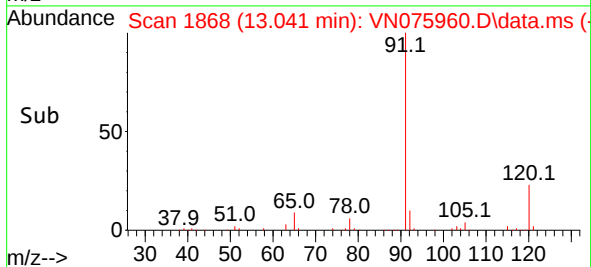
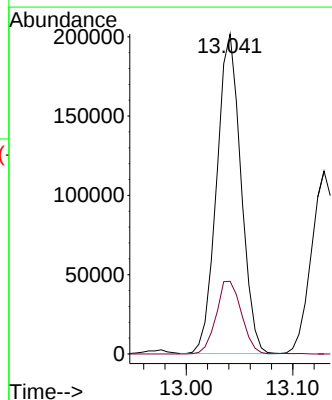
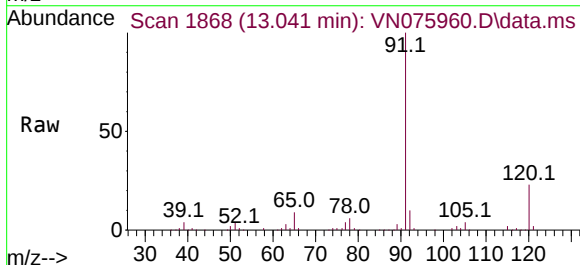
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

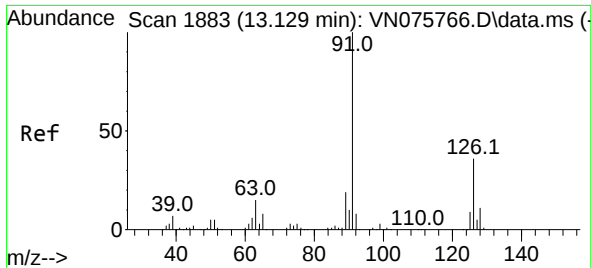
Tgt Ion:156 Resp: 69959
Ion Ratio Lower Upper
156 100
77 186.6 93.8 281.3
158 95.6 48.9 146.6



#78
n-propylbenzene
Concen: 20.112 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 91 Resp: 318313
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.1

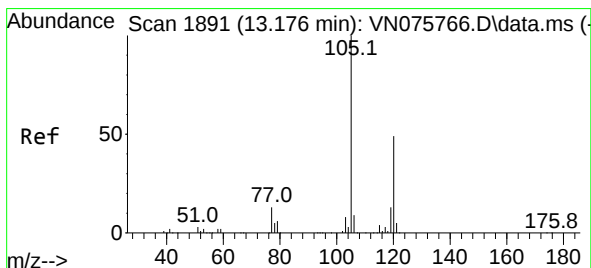
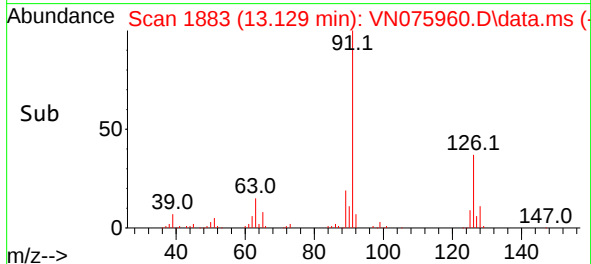
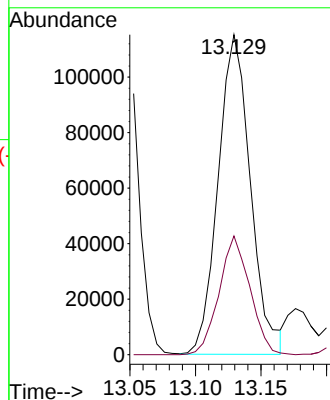
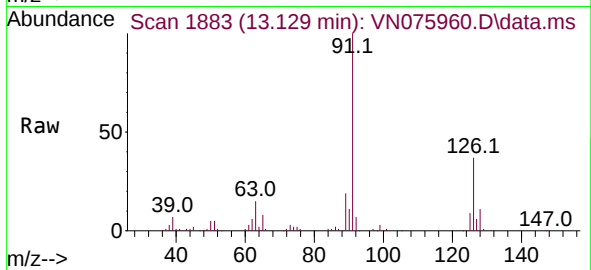




#79
2-Chlorotoluene
Concen: 19.982 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

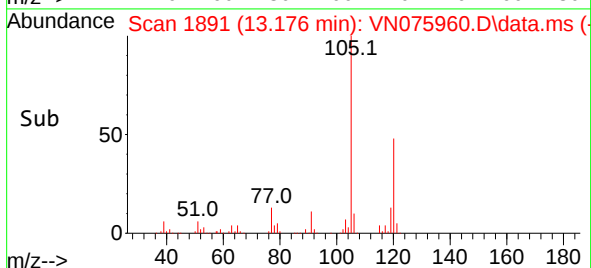
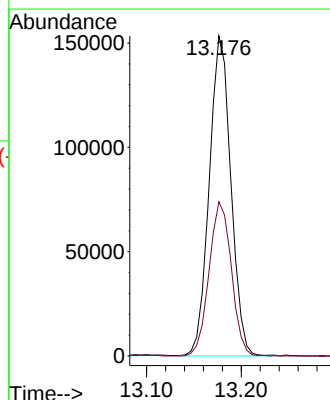
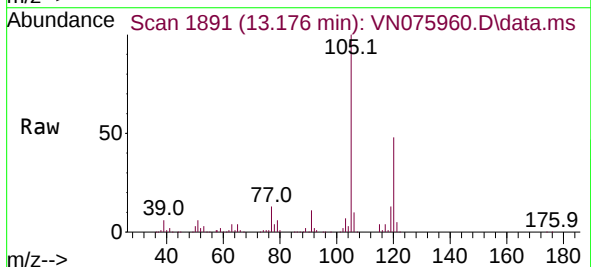
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

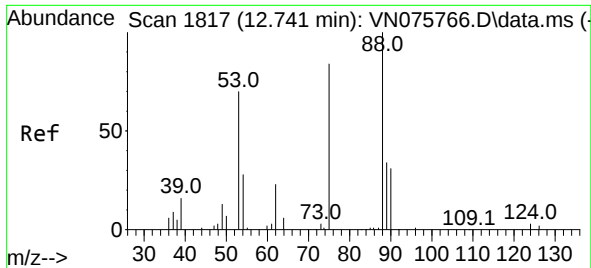
Tgt Ion: 91 Resp: 197424
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 20.306 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion:105 Resp: 243882
Ion Ratio Lower Upper
105 100
120 49.6 24.7 74.1

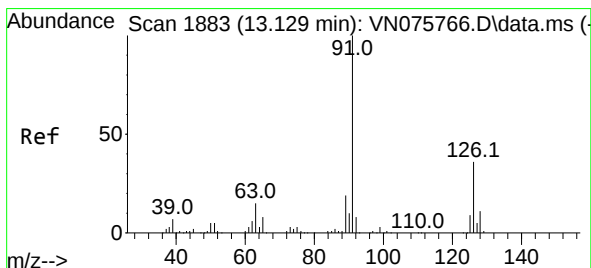
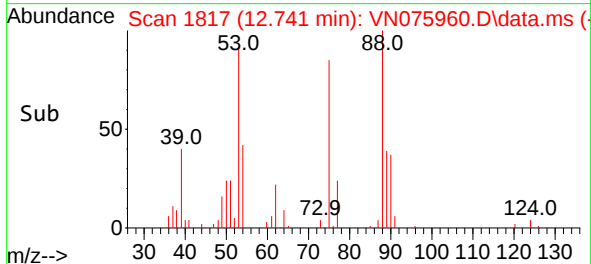
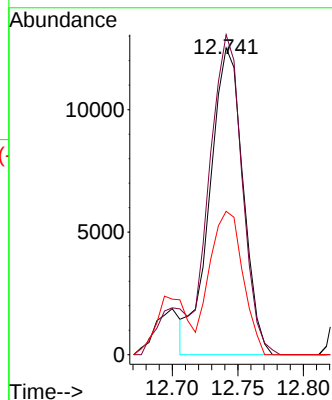
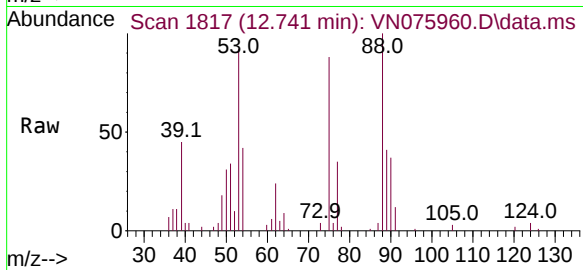




#81
trans-1,4-Dichloro-2-butene
Concen: 19.888 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

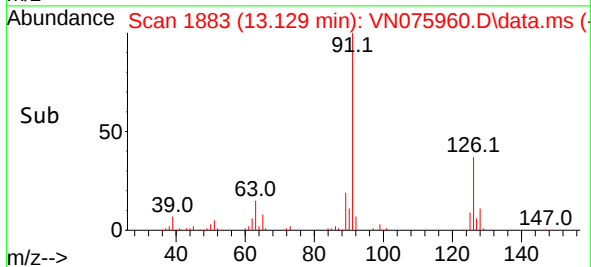
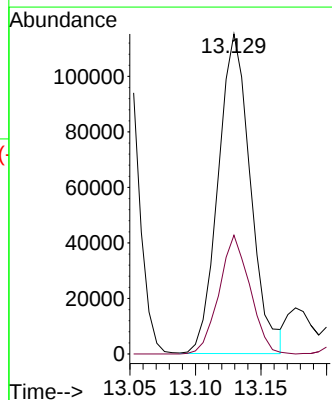
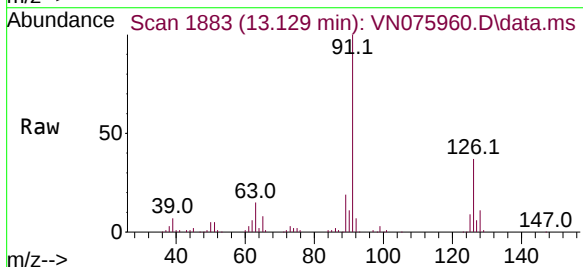
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

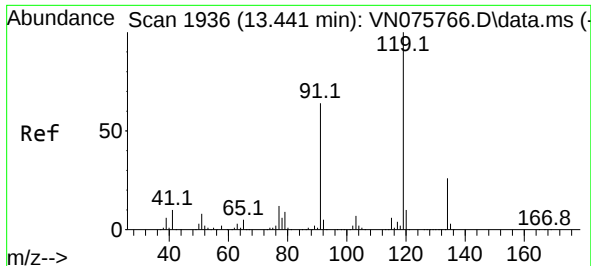
Tgt Ion: 75 Resp: 22116
Ion Ratio Lower Upper
75 100
53 101.9 73.8 110.6
89 46.2 39.5 59.3



#82
4-Chlorotoluene
Concen: 19.982 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 91 Resp: 197424
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

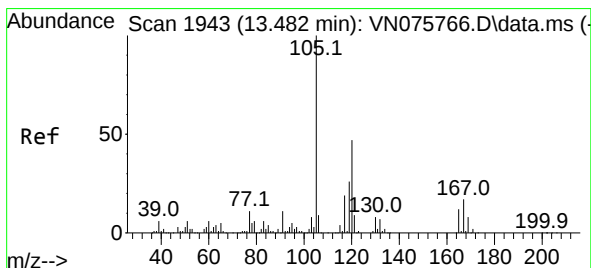
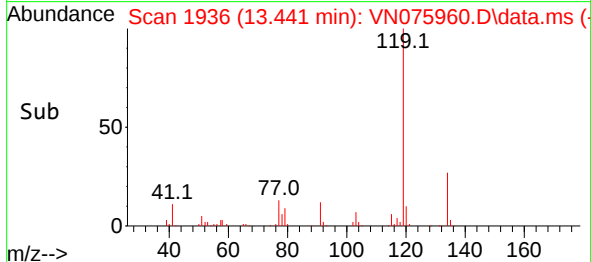
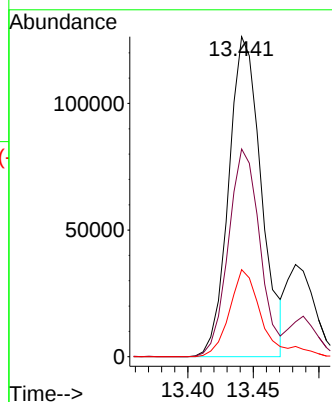
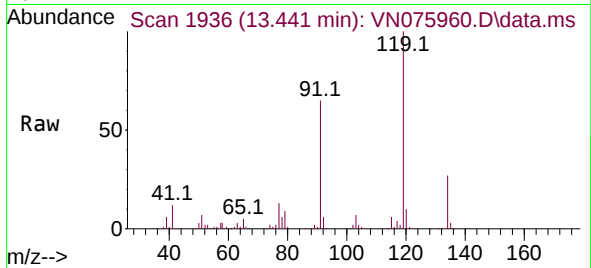




#83
tert-Butylbenzene
Concen: 20.640 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

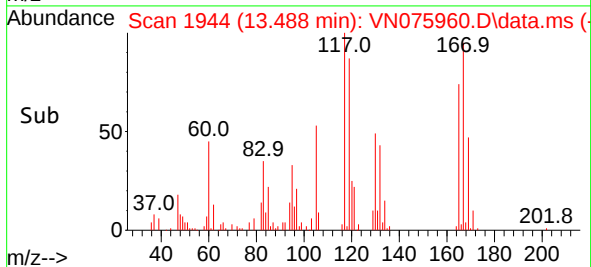
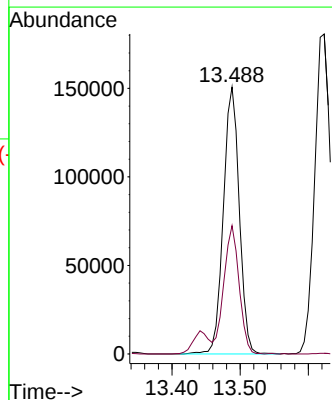
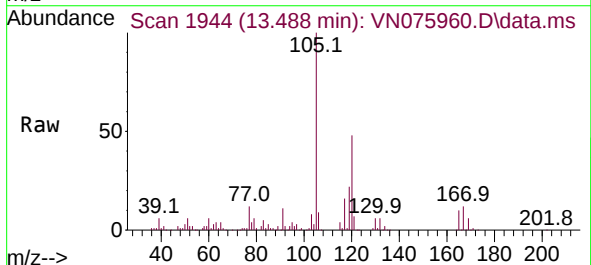
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

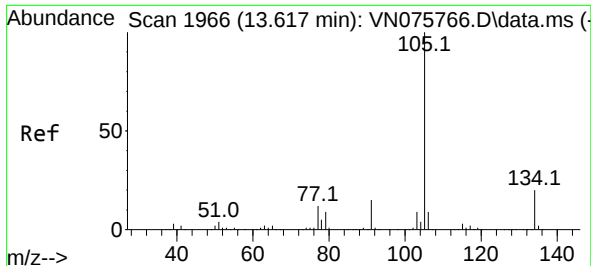
Tgt Ion:119 Resp: 218563
Ion Ratio Lower Upper
119 100
91 62.8 31.9 95.5
134 27.3 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 20.584 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion:105 Resp: 245251
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8

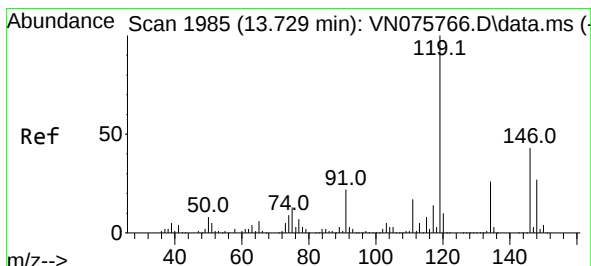
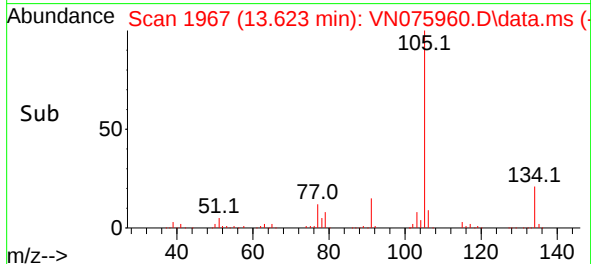
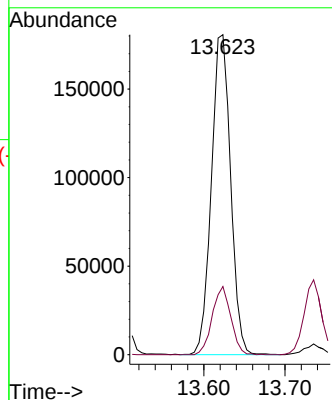
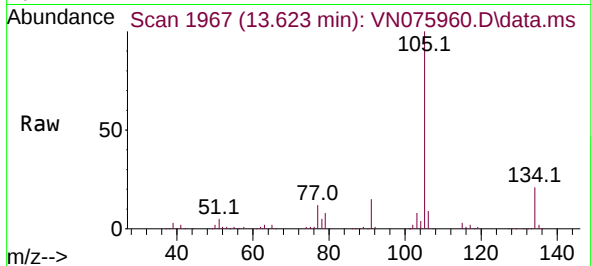




#85
 sec-Butylbenzene
 Concen: 20.356 ug/l
 RT: 13.623 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: VN075960.D
 Acq: 23 Dec 2022 12:45

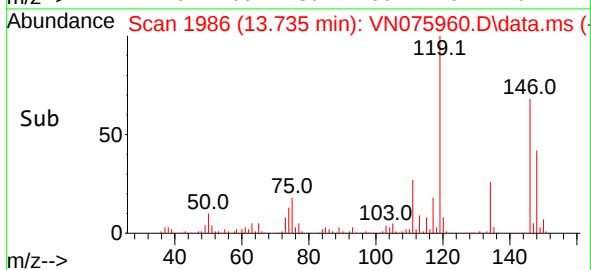
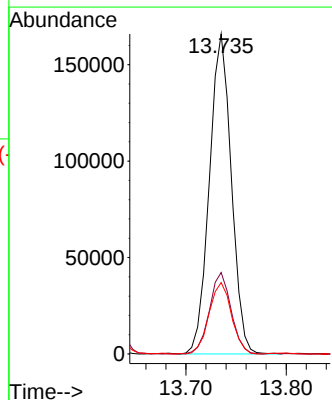
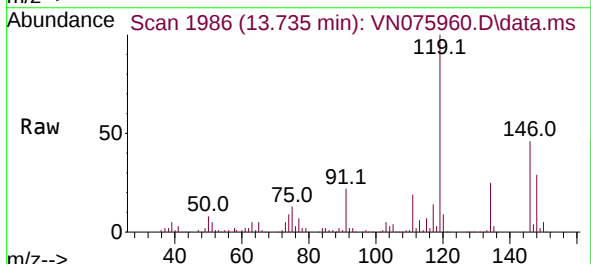
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD01

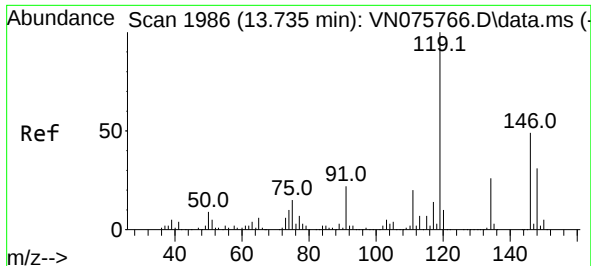
Tgt Ion:105 Resp: 297509
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.751 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075960.D
 Acq: 23 Dec 2022 12:45

Tgt Ion:119 Resp: 252365
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.0 39.0
 91 22.8 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 19.358 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

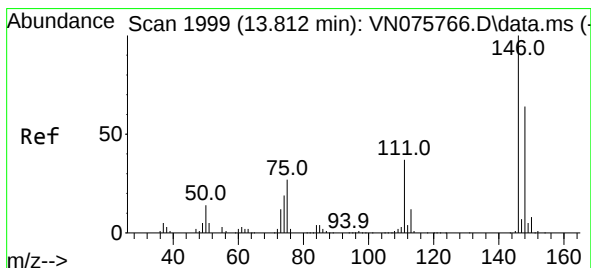
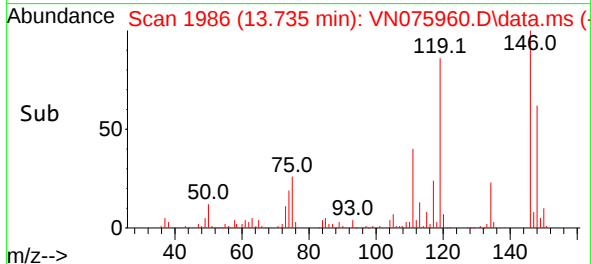
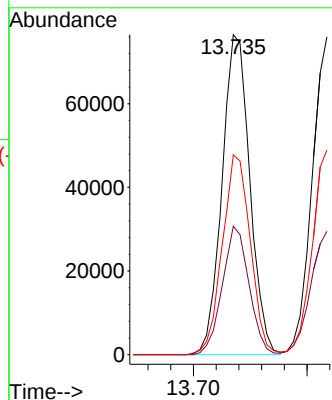
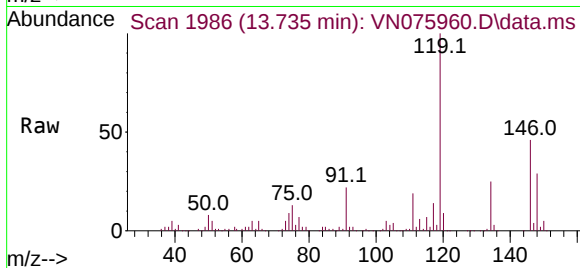
Tgt Ion:146 Resp: 129863

Ion Ratio Lower Upper

146 100

111 38.6 19.7 59.0

148 63.0 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 18.313 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

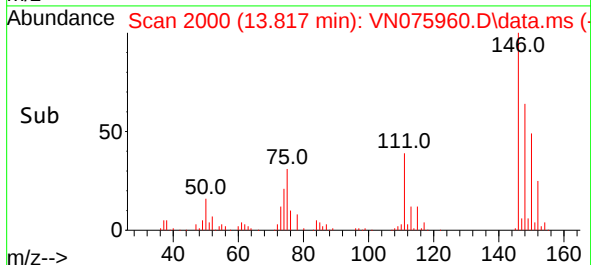
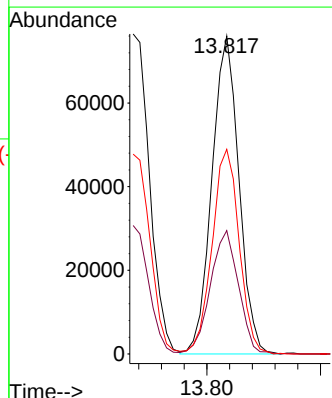
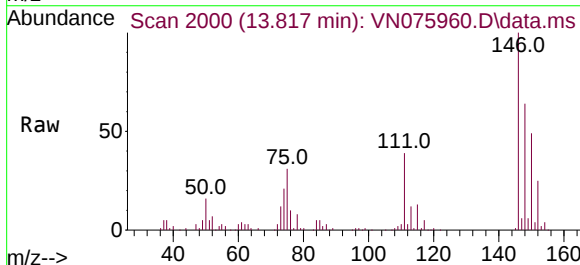
Tgt Ion:146 Resp: 125501

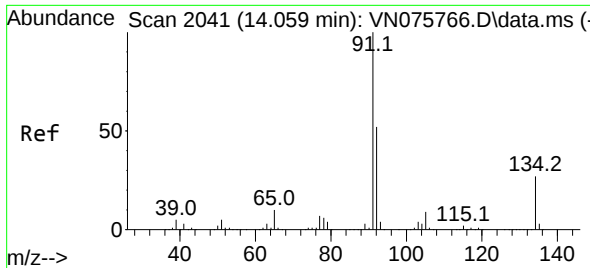
Ion Ratio Lower Upper

146 100

111 40.4 19.1 57.1

148 64.7 32.0 96.2

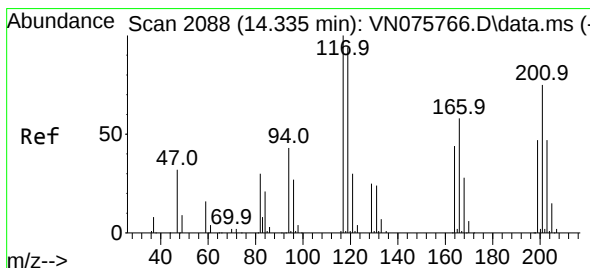
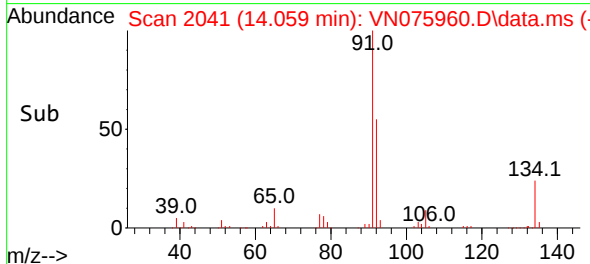
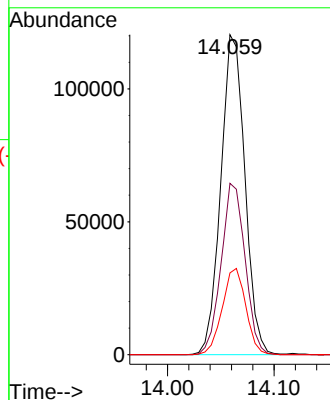
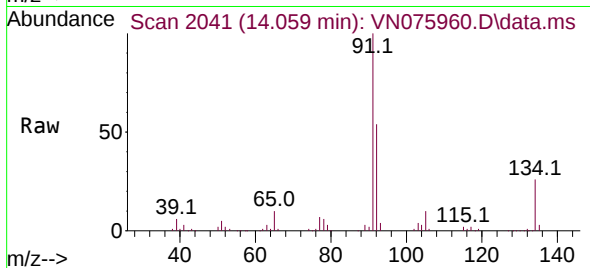




#89
n-Butylbenzene
Concen: 19.172 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

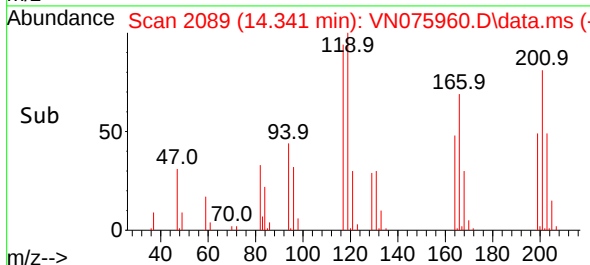
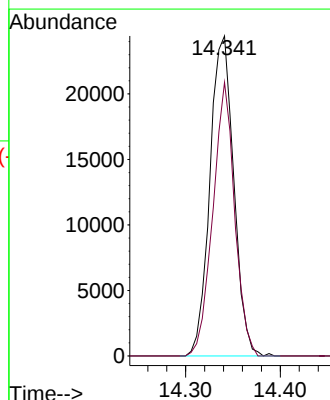
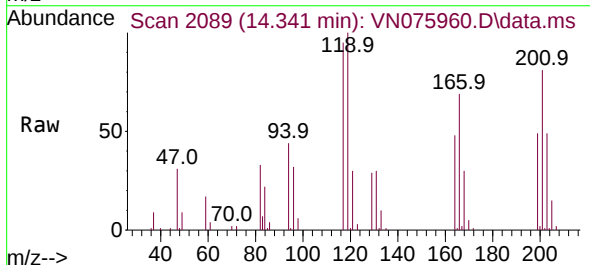
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

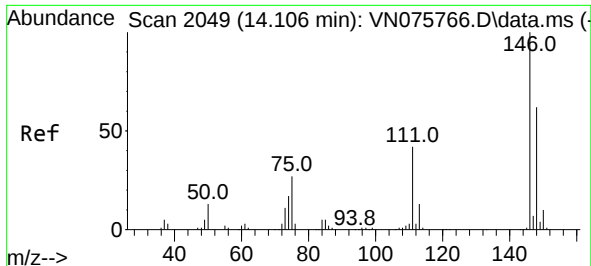
Tgt Ion: 91 Resp: 188887
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 26.5 13.4 40.2



#90
Hexachloroethane
Concen: 19.656 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075960.D
Acq: 23 Dec 2022 12:45

Tgt Ion: 117 Resp: 42760
Ion Ratio Lower Upper
117 100
201 78.2 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 19.668 ug/l

RT: 14.112 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

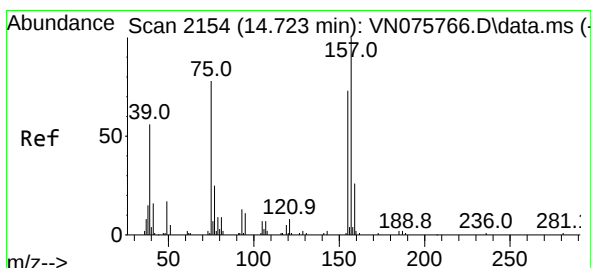
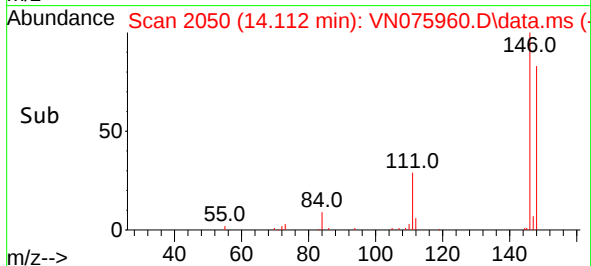
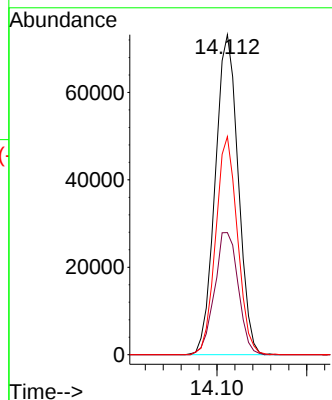
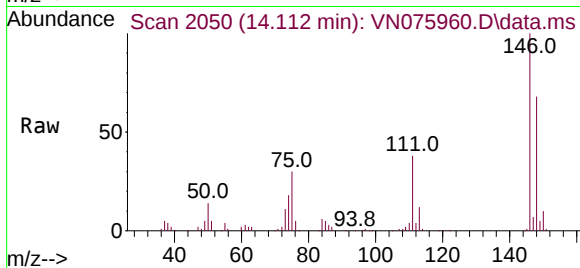
Tgt Ion:146 Resp: 129961

Ion Ratio Lower Upper

146 100

111 39.4 20.3 61.0

148 64.5 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.250 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

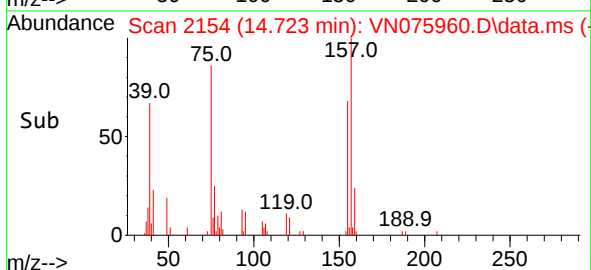
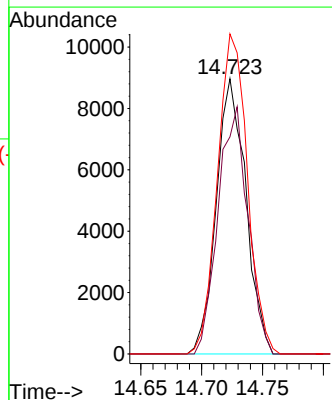
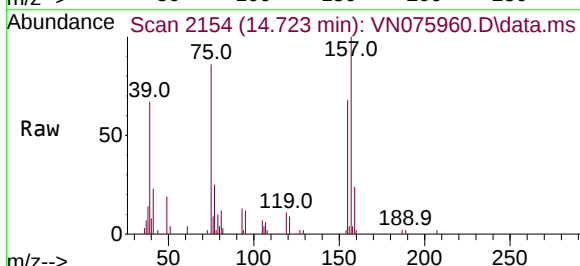
Tgt Ion: 75 Resp: 15153

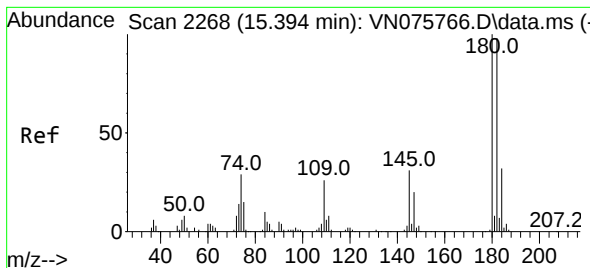
Ion Ratio Lower Upper

75 100

155 90.5 49.3 147.8

157 117.9 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 17.271 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

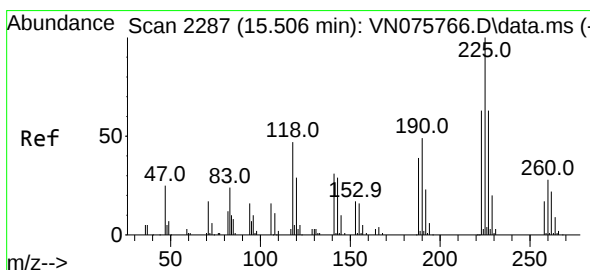
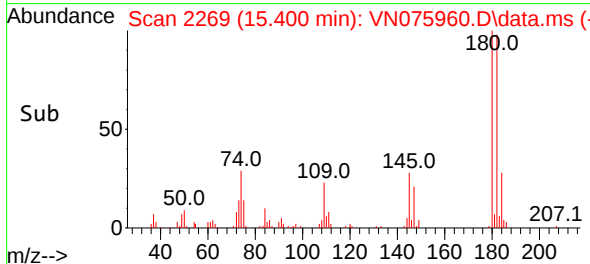
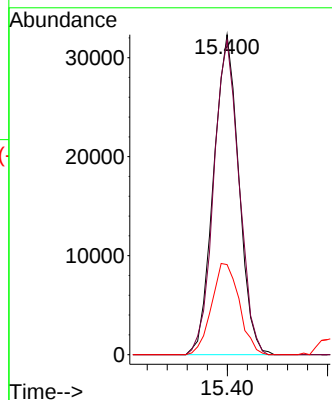
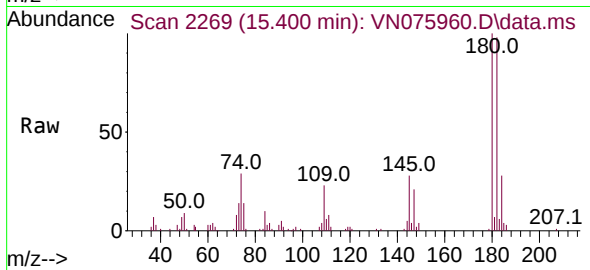
Tgt Ion:180 Resp: 56500

Ion Ratio Lower Upper

180 100

182 98.6 47.5 142.5

145 31.3 15.3 45.8



#94

Hexachlorobutadiene

Concen: 18.533 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

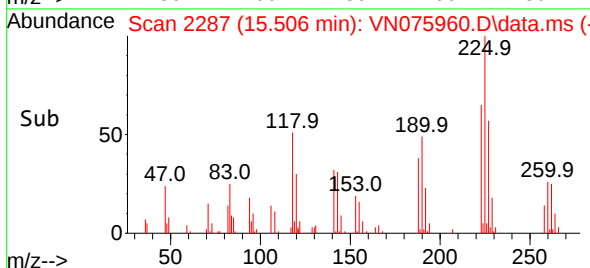
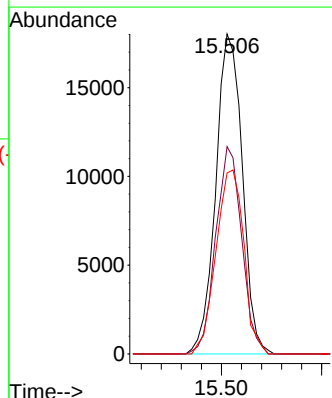
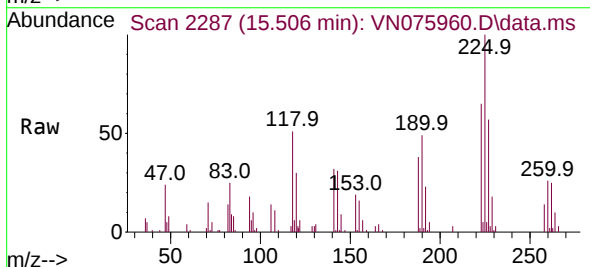
Tgt Ion:225 Resp: 33077

Ion Ratio Lower Upper

225 100

223 63.4 31.5 94.5

227 60.3 31.6 95.0





#95

Naphthalene

Concen: 17.847 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBSD01

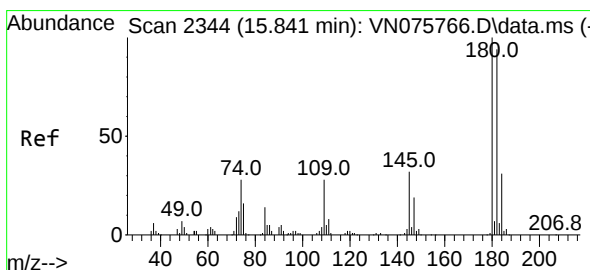
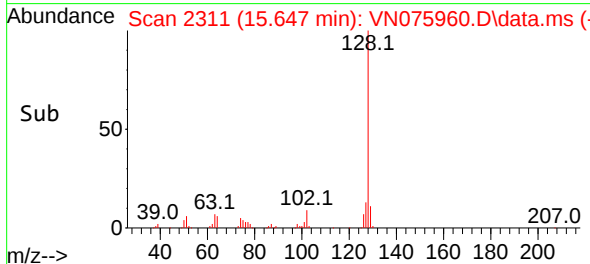
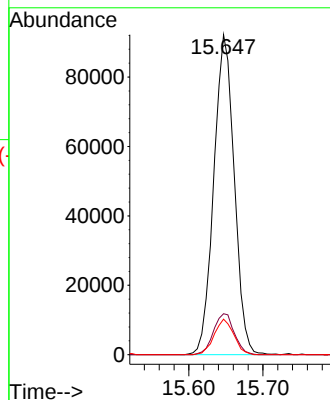
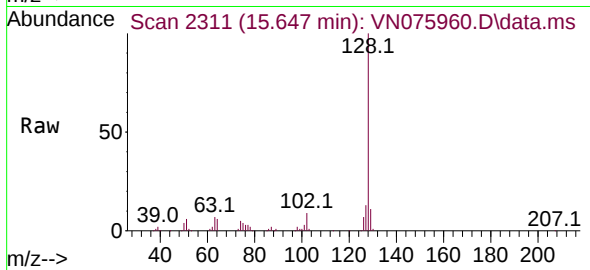
Tgt Ion:128 Resp: 177049

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.001 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075960.D

Acq: 23 Dec 2022 12:45

Tgt Ion:180 Resp: 58097

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.0

145 33.1 16.0 47.9

