

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075959.D
 Acq On : 23 Dec 2022 12:21
 Operator : JC\MD
 Sample : VN1223WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS01

Quant Time: Dec 26 04:30:31 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	295219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	477383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	433113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	166789	51.932	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.860%	
35) Dibromofluoromethane	8.177	113	152150	51.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.940%	
50) Toluene-d8	10.571	98	569551	51.527	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	12.853	95	193063	52.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	36242	17.290	ug/l	99
3) Chloromethane	2.377	50	44423	17.043	ug/l	94
4) Vinyl Chloride	2.530	62	54936	17.669	ug/l	95
5) Bromomethane	2.953	94	46549	17.616	ug/l	96
6) Chloroethane	3.124	64	42548	18.479	ug/l	96
7) Trichlorofluoromethane	3.512	101	85095	18.037	ug/l	100
8) Diethyl Ether	3.977	74	31815	18.463	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	50861	18.879	ug/l	98
10) Methyl Iodide	4.600	142	72651	16.617	ug/l	98
11) Tert butyl alcohol	5.536	59	40757	89.684	ug/l	99
12) 1,1-Dichloroethene	4.353	96	45440	17.367	ug/l	96
13) Acrolein	4.195	56	42893	76.987	ug/l	98
14) Allyl chloride	5.030	41	59996	19.615	ug/l	100
15) Acrylonitrile	5.736	53	120259	96.969	ug/l	98
16) Acetone	4.442	43	97799	88.335	ug/l	98
17) Carbon Disulfide	4.724	76	98302	15.517	ug/l	100
18) Methyl Acetate	5.036	43	62047	18.959	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	164179	19.054	ug/l	99
20) Methylene Chloride	5.289	84	55096	18.196	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	50505	17.625	ug/l	99
22) Diisopropyl ether	6.689	45	146228	19.680	ug/l	100
23) Vinyl Acetate	6.618	43	478534	95.685	ug/l	97
24) 1,1-Dichloroethane	6.583	63	91549	18.475	ug/l	97
25) 2-Butanone	7.488	43	148390	95.723	ug/l	92
26) 2,2-Dichloropropane	7.500	77	76881	18.320	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	63440	18.511	ug/l	98
28) Bromochloromethane	7.824	49	40195	18.506	ug/l	97
29) Tetrahydrofuran	7.847	42	99393	102.312	ug/l	98
30) Chloroform	7.971	83	105453	18.901	ug/l	94
31) Cyclohexane	8.265	56	80401	17.480	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	93667	18.937	ug/l	99
36) 1,1-Dichloropropene	8.377	75	71659	18.247	ug/l	100
37) Ethyl Acetate	7.571	43	61224	19.408	ug/l	98
38) Carbon Tetrachloride	8.365	117	82628	18.798	ug/l	93
39) Methylcyclohexane	9.606	83	87140	18.392	ug/l	93
40) Benzene	8.612	78	223283	18.427	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	33758	20.588	ug/l	97
42) 1,2-Dichloroethane	8.677	62	76182	18.912	ug/l	100
43) Isopropyl Acetate	8.694	43	101317	19.470	ug/l	99
44) Trichloroethene	9.359	130	59240	17.354	ug/l	98
45) 1,2-Dichloropropane	9.630	63	55100	18.687	ug/l	99
46) Dibromomethane	9.712	93	39973	18.278	ug/l	98
47) Bromodichloromethane	9.894	83	80968	18.879	ug/l	95
48) Methyl methacrylate	9.682	41	44765	19.100	ug/l	96
49) 1,4-Dioxane	9.700	88	22698	393.941	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	321504	102.164	ug/l	99
52) Toluene	10.635	92	149131	18.898	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	79217	18.869	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	86829	18.837	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	60587	19.560	ug/l	97
56) Ethyl methacrylate	10.876	69	82743	20.112	ug/l	97
57) 1,3-Dichloropropane	11.171	76	97204	19.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	125721	95.978	ug/l	99
59) 2-Hexanone	11.200	43	231723	100.970	ug/l	100
60) Dibromochloromethane	11.365	129	64832	18.821	ug/l	100
61) 1,2-Dibromoethane	11.471	107	60713	19.369	ug/l	99
64) Tetrachloroethene	11.106	164	56653	18.589	ug/l	97
65) Chlorobenzene	11.894	112	162327	18.260	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	61290	18.614	ug/l	99
67) Ethyl Benzene	11.971	91	279590	18.635	ug/l	96
68) m/p-Xylenes	12.076	106	229213	38.599	ug/l	99
69) o-Xylene	12.400	106	109728	18.672	ug/l	99
70) Styrene	12.418	104	179915	19.255	ug/l	100
71) Bromoform	12.582	173	45770	19.103	ug/l #	100
73) Isopropylbenzene	12.700	105	287866	19.009	ug/l	99
74) N-amyl acetate	12.500	43	84333	18.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	88554	18.916	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	99436	23.540	ug/l	73
77) Bromobenzene	12.982	156	71093	18.550	ug/l	96
78) n-propylbenzene	13.041	91	321698	19.261	ug/l	100
79) 2-Chlorotoluene	13.129	91	191868	18.403	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	248477	19.605	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	21775	18.555	ug/l	97
82) 4-Chlorotoluene	13.129	91	191868	18.403	ug/l	99
83) tert-Butylbenzene	13.441	119	221608	19.831	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	244225	19.424	ug/l	99
85) sec-Butylbenzene	13.623	105	301853	19.571	ug/l	99
86) p-Isopropyltoluene	13.735	119	254137	19.802	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	127279	17.979	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	128901	17.824	ug/l	99
89) n-Butylbenzene	14.065	91	196391	18.889	ug/l	100
90) Hexachloroethane	14.335	117	43771	19.066	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	132267	18.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15013	18.073	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	57980	16.795	ug/l	98
94) Hexachlorobutadiene	15.506	225	34625	18.383	ug/l	99
95) Naphthalene	15.647	128	170749	16.497	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	56414	17.484	ug/l	97

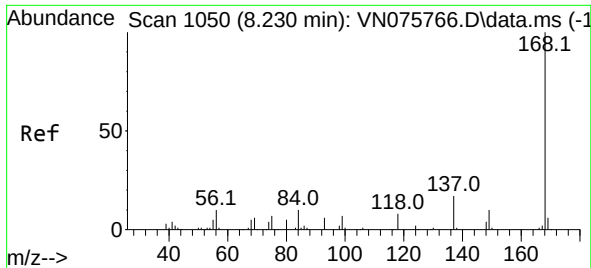
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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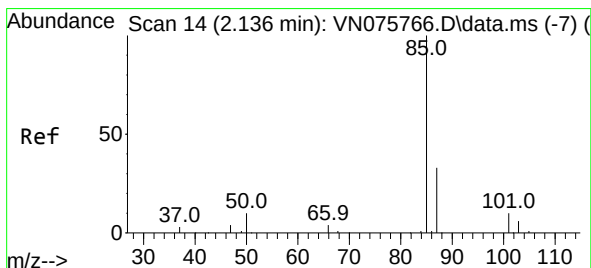
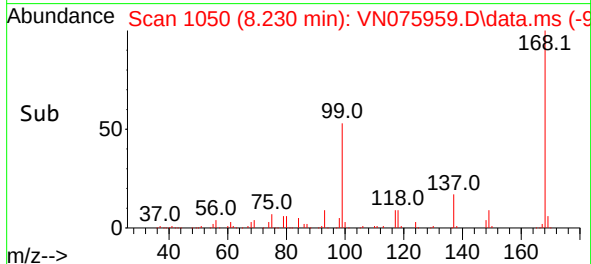
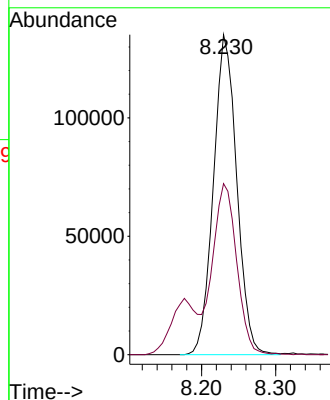
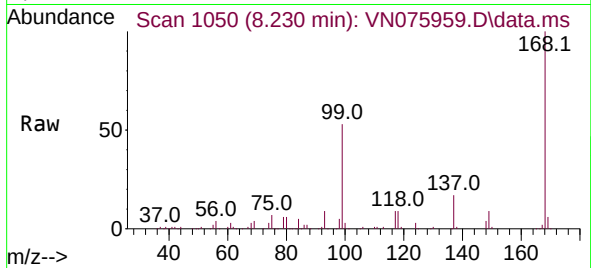
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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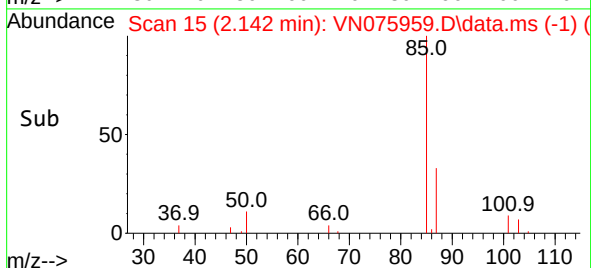
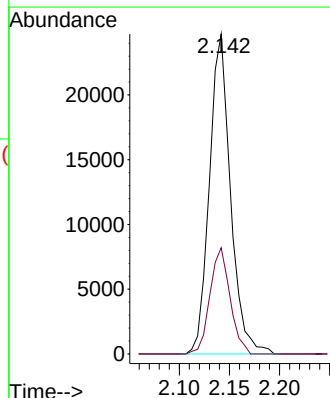
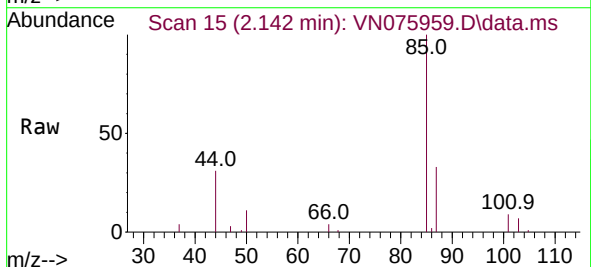
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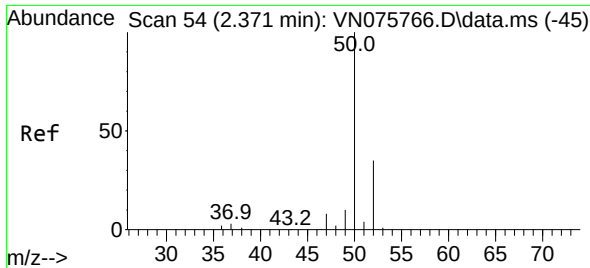
Tgt Ion:168 Resp: 295219
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 17.290 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 85 Resp: 36242
Ion Ratio Lower Upper
85 100
87 33.2 16.3 48.9

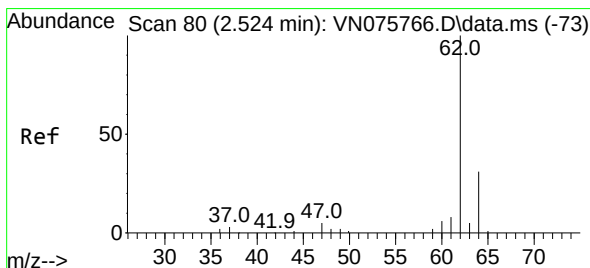
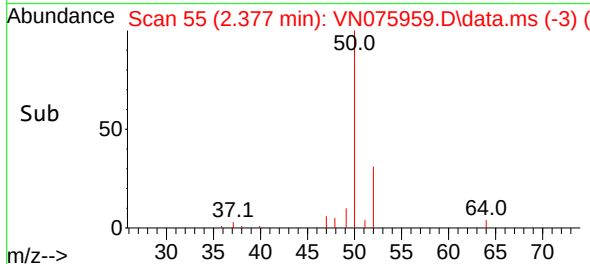
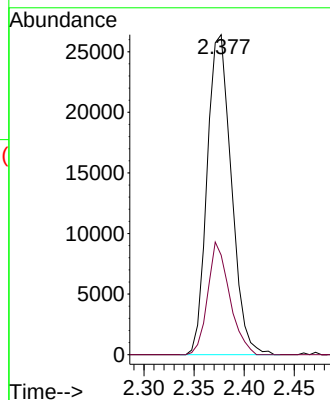
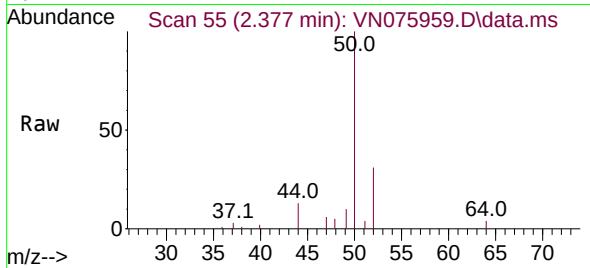




#3
Chloromethane
Concen: 17.043 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

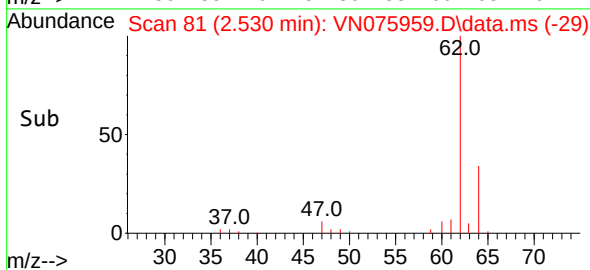
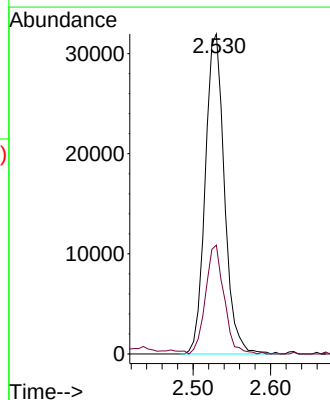
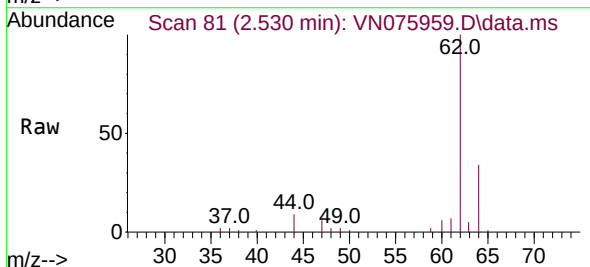
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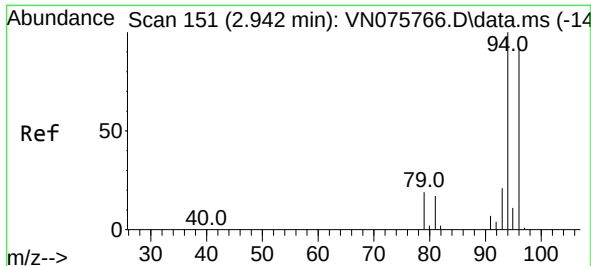
Tgt Ion: 50 Resp: 44423
Ion Ratio Lower Upper
50 100
52 31.1 27.7 41.5



#4
Vinyl Chloride
Concen: 17.669 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 62 Resp: 54936
Ion Ratio Lower Upper
62 100
64 34.0 24.9 37.3

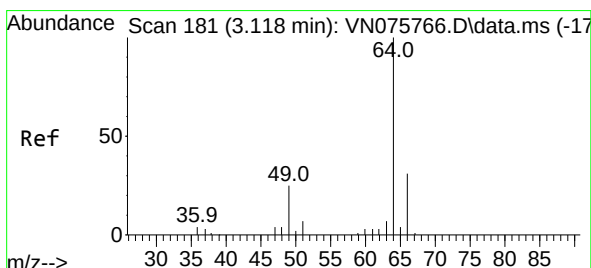
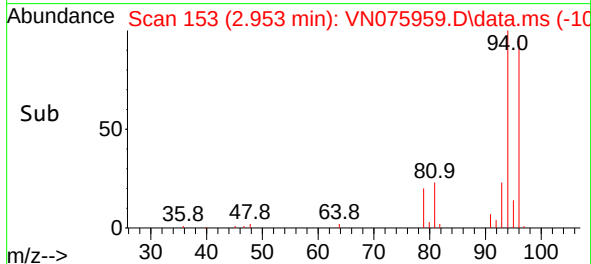
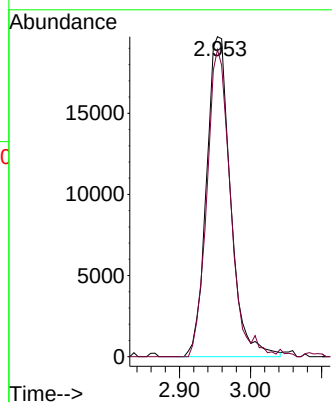
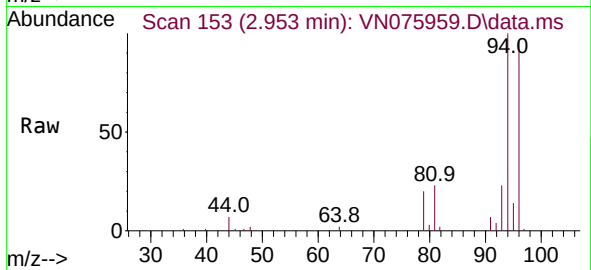




#5
Bromomethane
Concen: 17.616 ug/l
RT: 2.953 min Scan# 153
Delta R.T. 0.012 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

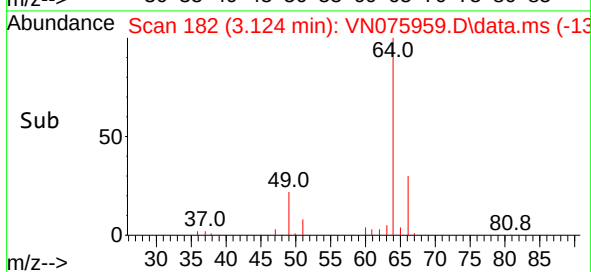
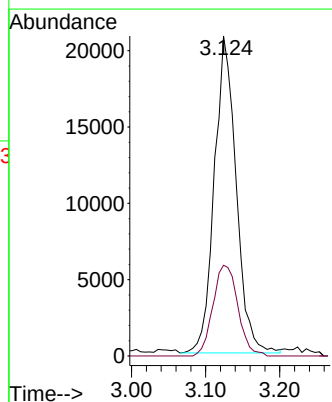
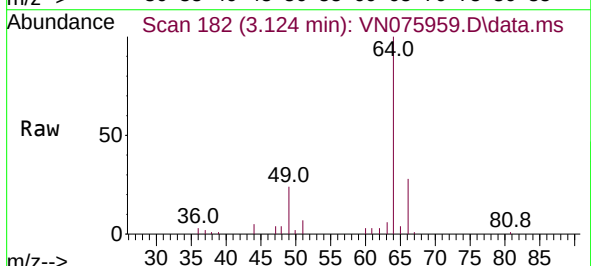
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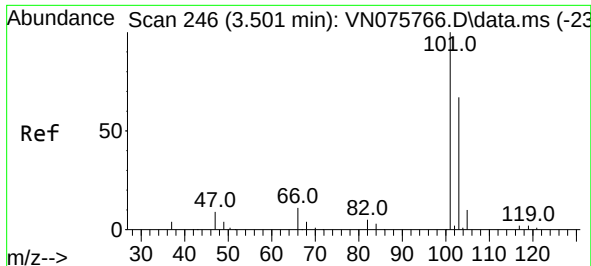
Tgt Ion: 94 Resp: 46549
Ion Ratio Lower Upper
94 100
96 96.0 73.8 110.6



#6
Chloroethane
Concen: 18.479 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 64 Resp: 42548
Ion Ratio Lower Upper
64 100
66 28.6 24.6 36.8

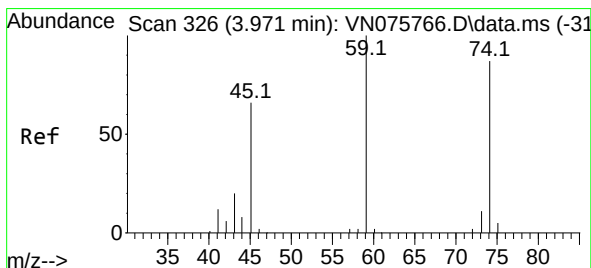
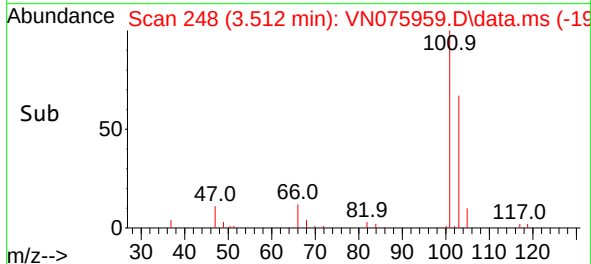
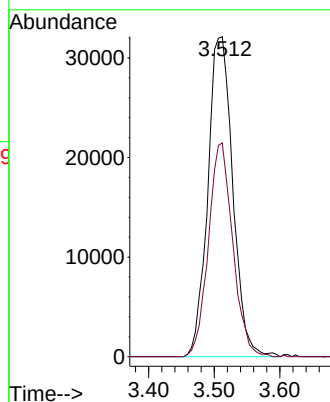
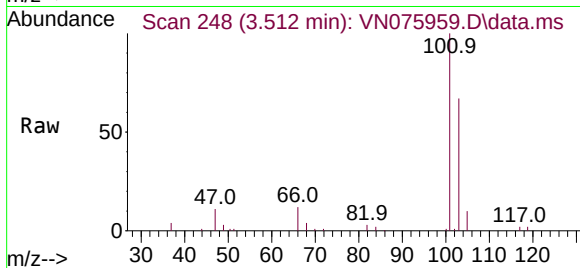




#7
 Trichlorofluoromethane
 Concen: 18.037 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075959.D
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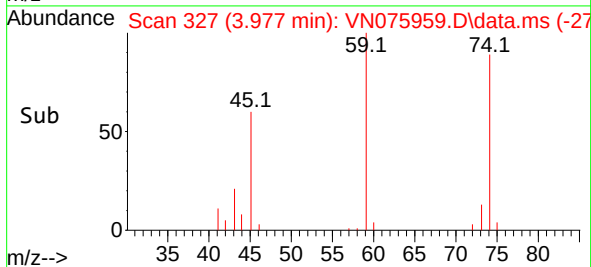
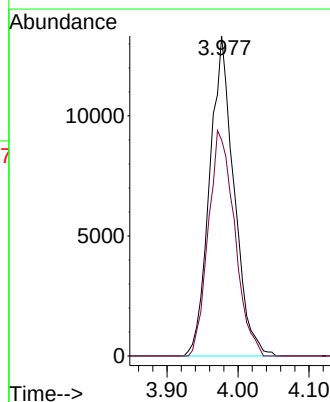
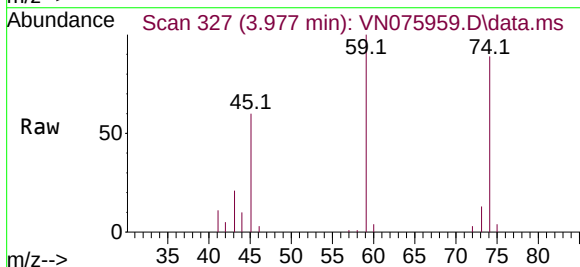
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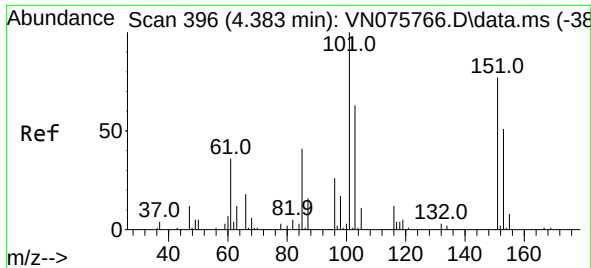
Tgt Ion:101 Resp: 85095
 Ion Ratio Lower Upper
 101 100
 103 66.8 53.4 80.2



#8
 Diethyl Ether
 Concen: 18.463 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075959.D
 Acq: 23 Dec 2022 12:21

Tgt Ion: 74 Resp: 31815
 Ion Ratio Lower Upper
 74 100
 45 75.9 37.8 113.4

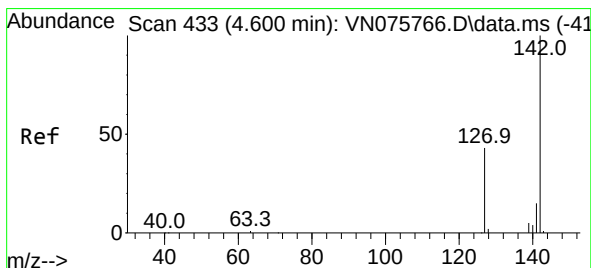
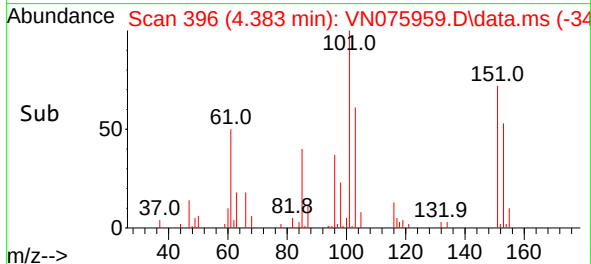
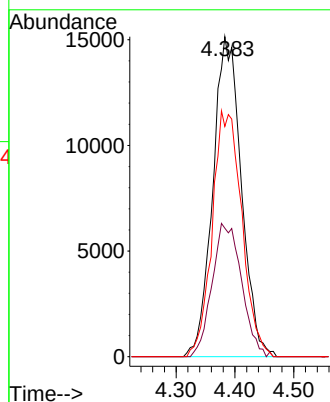
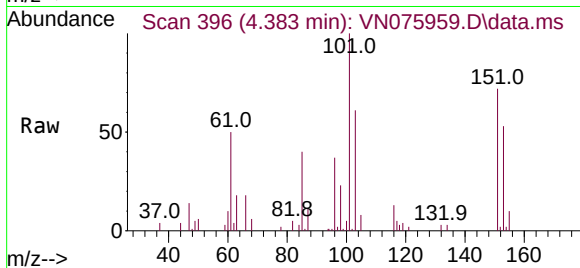




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.879 ug/l
 RT: 4.383 min Scan# 396
 Delta R.T. 0.000 min
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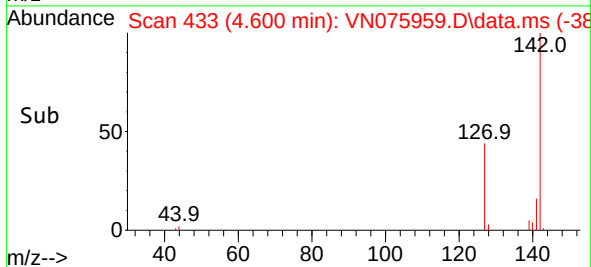
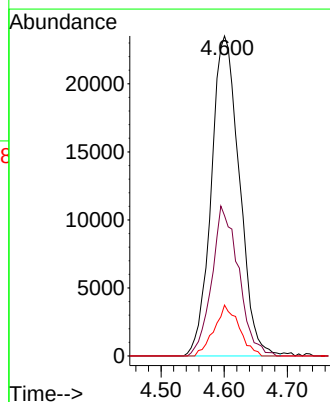
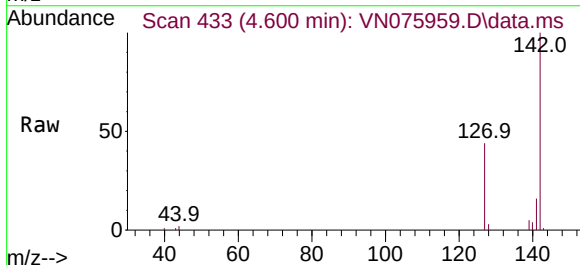
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 ClientSampleId :
 VN1223WBS01

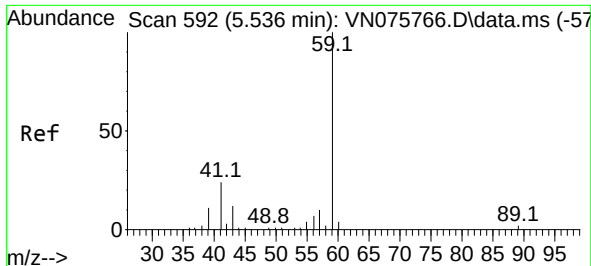
Tgt Ion:	101	Resp:	50861
Ion	Ratio	Lower	Upper
101	100		
85	43.1	35.3	52.9
151	79.6	65.6	98.4



#10
 Methyl Iodide
 Concen: 16.617 ug/l
 RT: 4.600 min Scan# 433
 Delta R.T. -0.000 min
 Lab File: VN075959.D
 Acq: 23 Dec 2022 12:21

Tgt Ion:	142	Resp:	72651
Ion	Ratio	Lower	Upper
142	100		
127	44.7	34.7	52.1
141	14.1	11.4	17.2

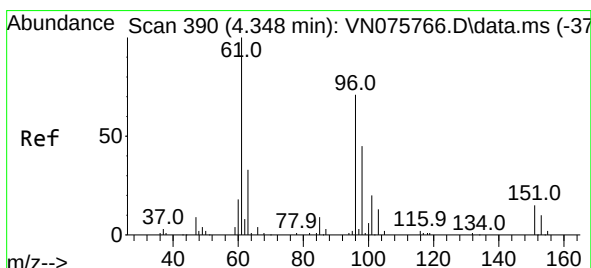
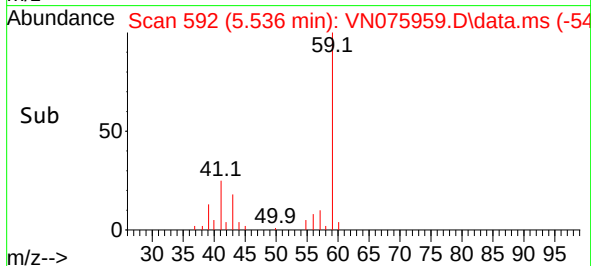
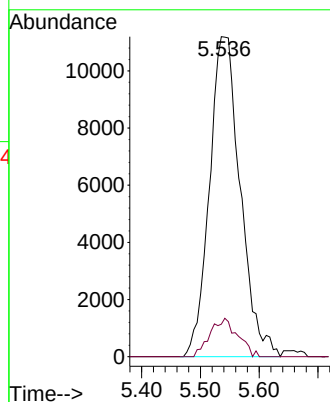
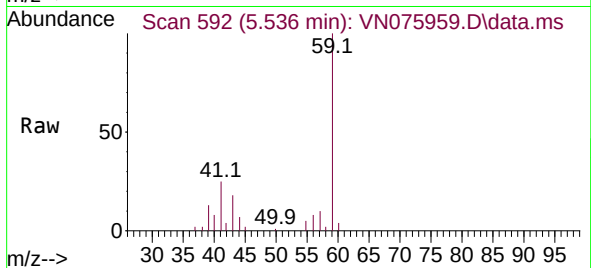




#11
Tert butyl alcohol
Concen: 89.684 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

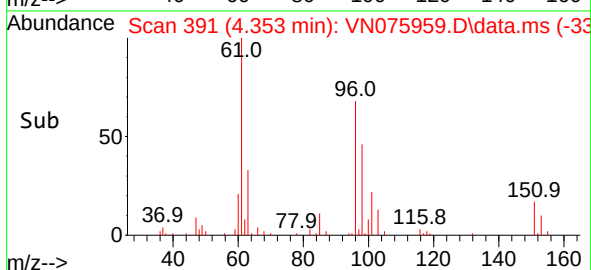
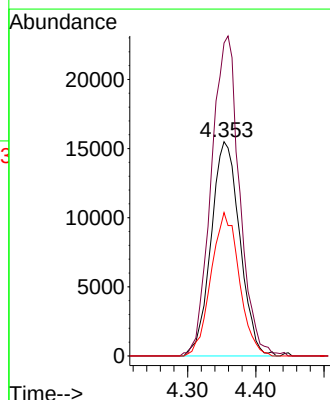
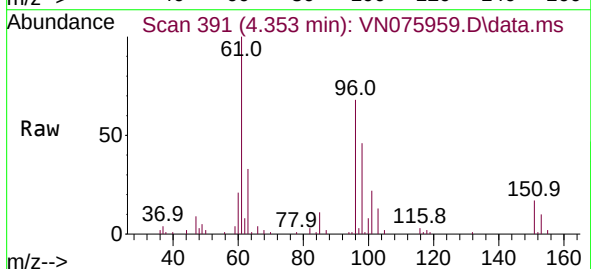
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

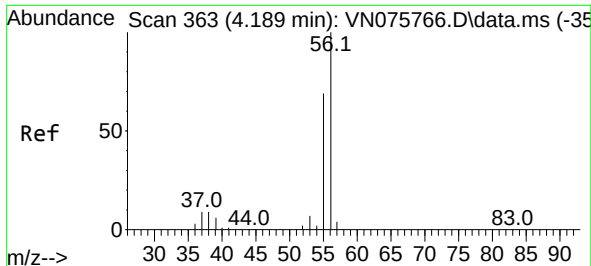
Tgt Ion: 59 Resp: 40757
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.367 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 96 Resp: 45440
Ion Ratio Lower Upper
96 100
61 146.0 113.3 169.9
98 66.9 50.9 76.3

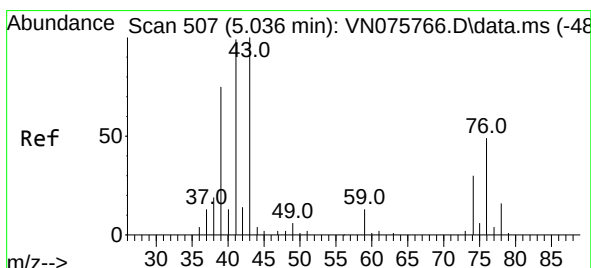
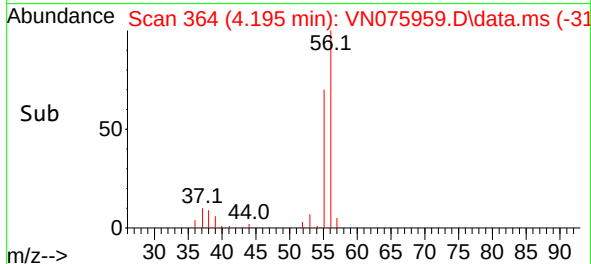
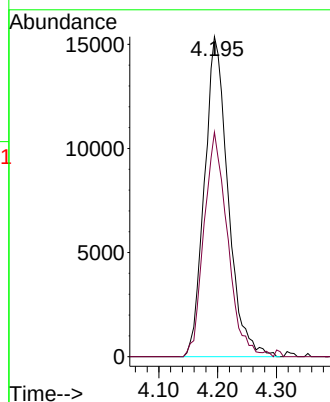
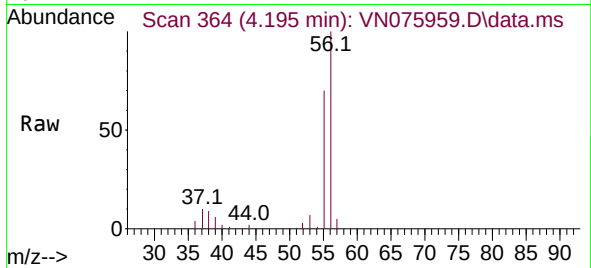




#13
Acrolein
Concen: 76.987 ug/l
RT: 4.195 min Scan# 363
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

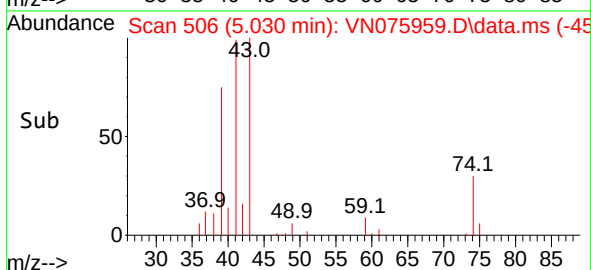
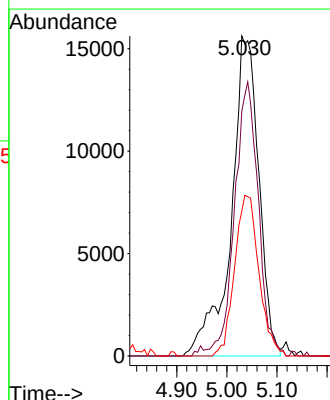
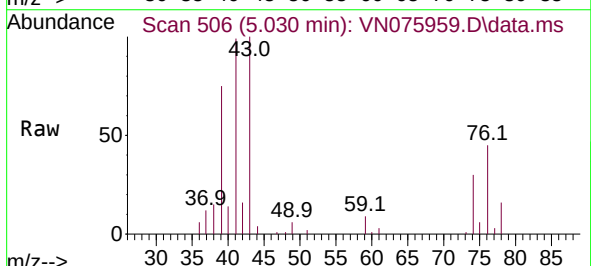
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

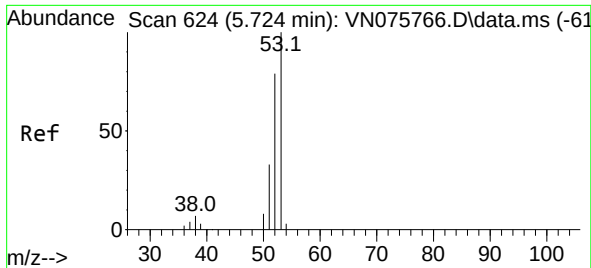
Tgt Ion: 56 Resp: 42893
Ion Ratio Lower Upper
56 100
55 70.2 54.8 82.2



#14
Allyl chloride
Concen: 19.615 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 41 Resp: 59996
Ion Ratio Lower Upper
41 100
39 73.0 58.3 87.5
76 44.1 35.8 53.6

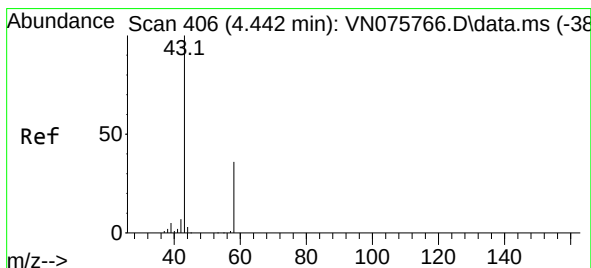
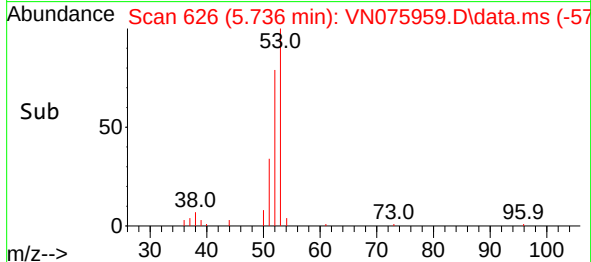
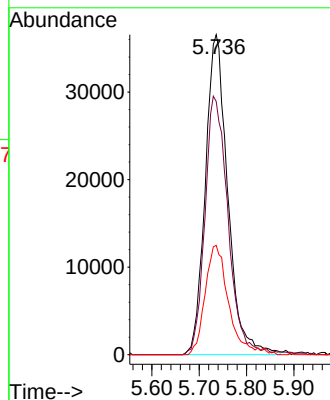
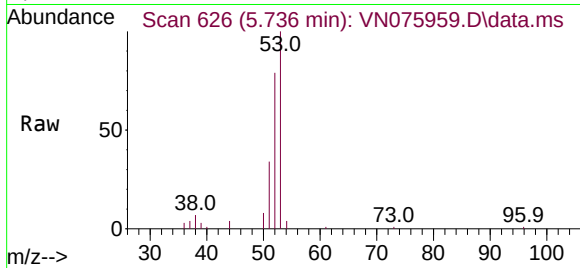




#15
Acrylonitrile
Concen: 96.969 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

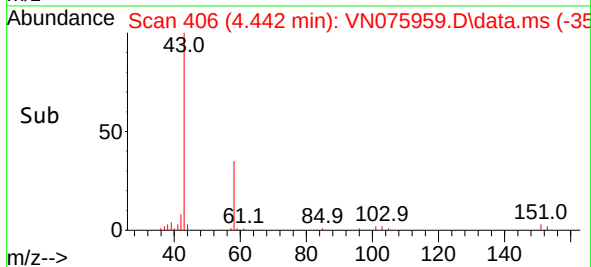
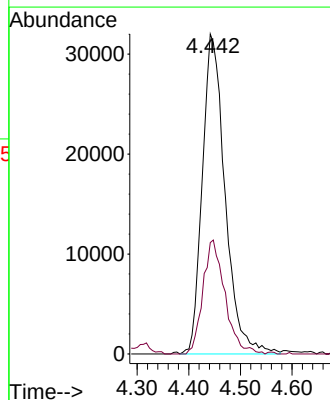
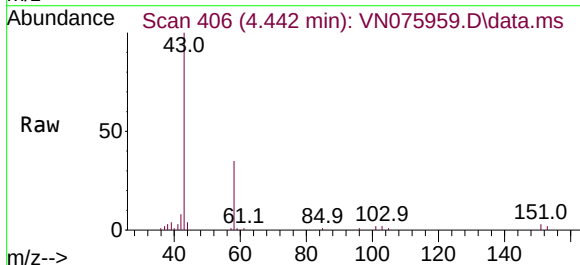
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

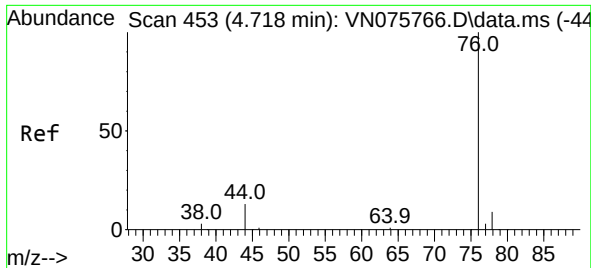
Tgt Ion: 53 Resp: 120259
Ion Ratio Lower Upper
53 100
52 83.0 65.4 98.0
51 34.9 28.9 43.3



#16
Acetone
Concen: 88.335 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 43 Resp: 97799
Ion Ratio Lower Upper
43 100
58 34.8 28.6 43.0

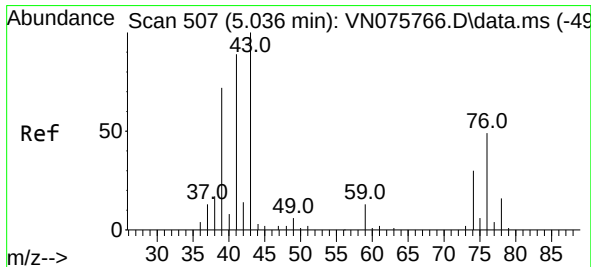
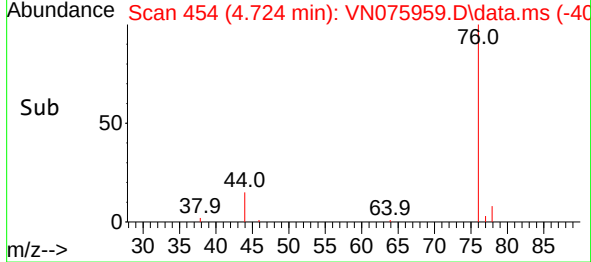
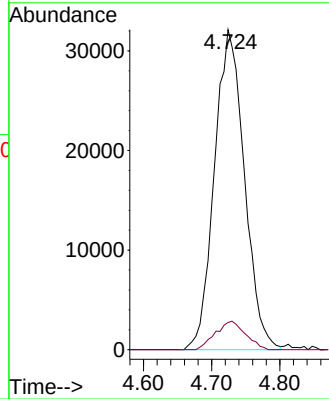
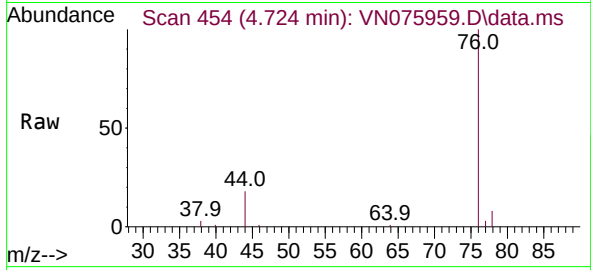




#17
Carbon Disulfide
Concen: 15.517 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

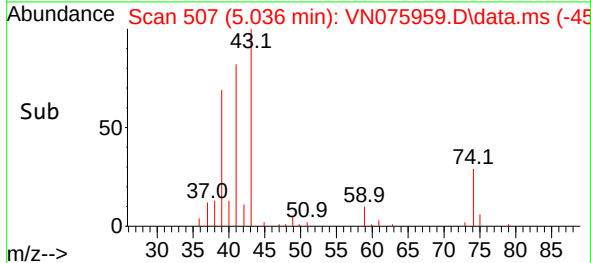
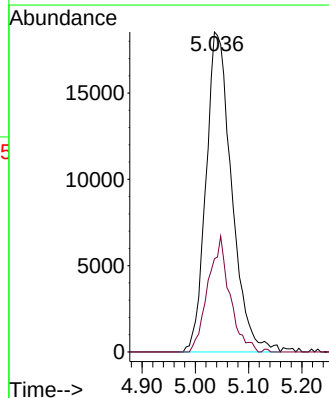
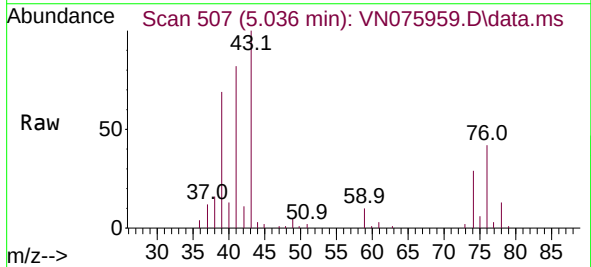
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

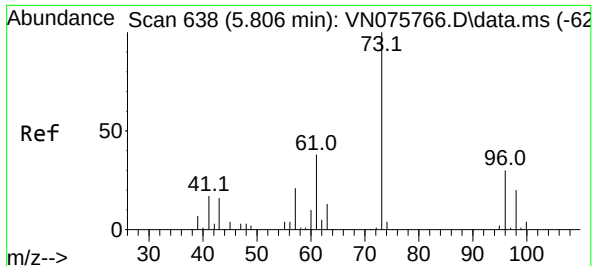
Tgt Ion: 76 Resp: 98302
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 18.959 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 43 Resp: 62047
Ion Ratio Lower Upper
43 100
74 30.6 23.6 35.4

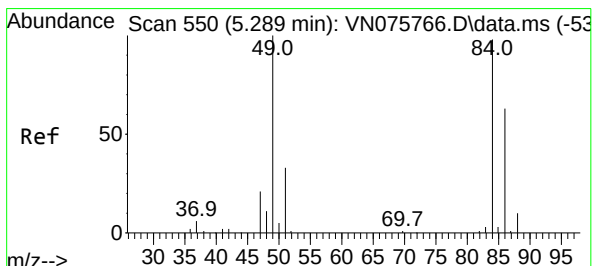
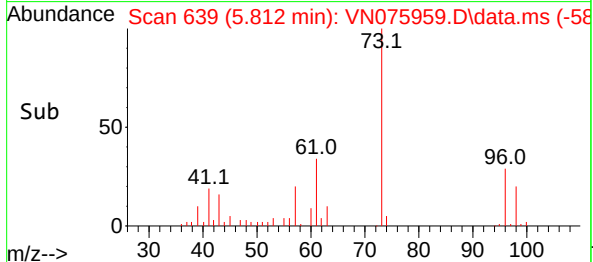
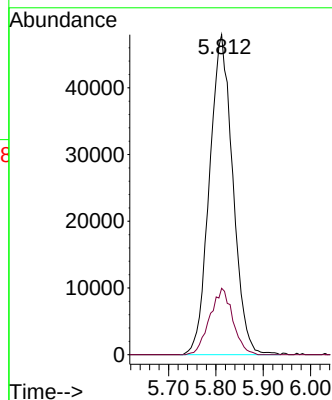
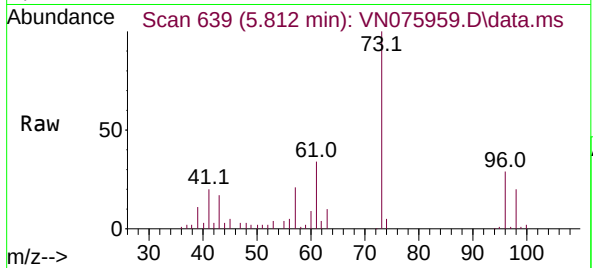




#19
Methyl tert-butyl Ether
Concen: 19.054 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

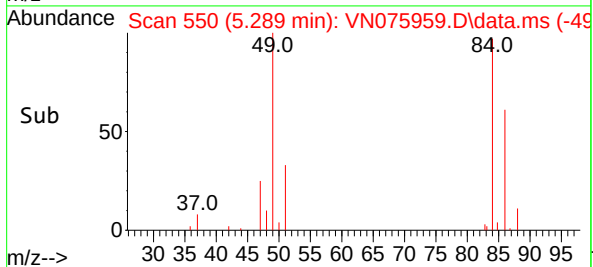
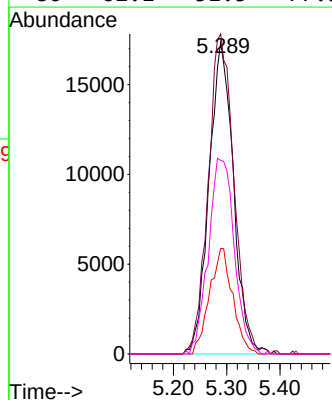
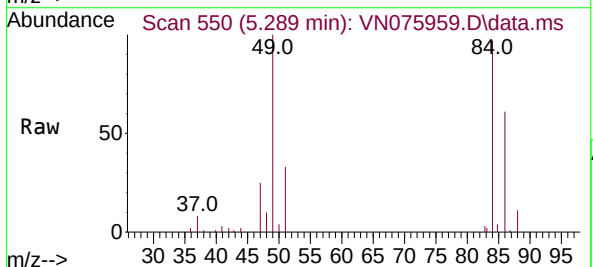
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

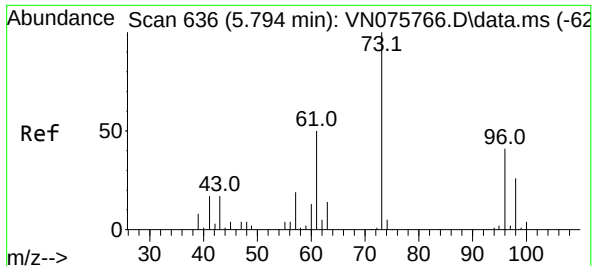
Tgt Ion: 73 Resp: 164179
Ion Ratio Lower Upper
73 100
57 20.8 17.1 25.7



#20
Methylene Chloride
Concen: 18.196 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 84 Resp: 55096
Ion Ratio Lower Upper
84 100
49 102.7 81.8 122.6
51 33.9 26.7 40.1
86 62.1 51.5 77.3

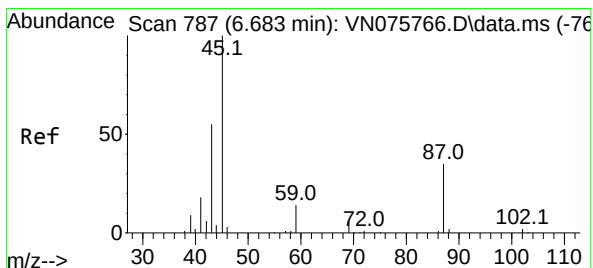
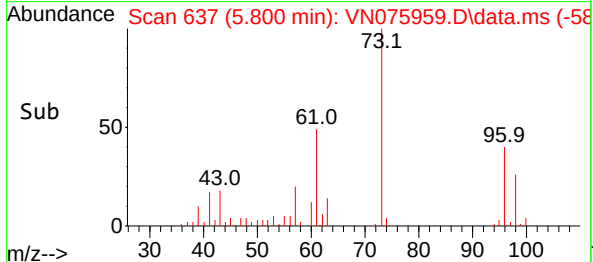
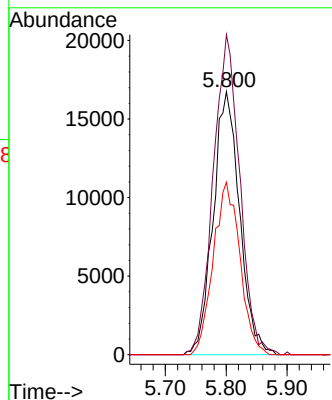
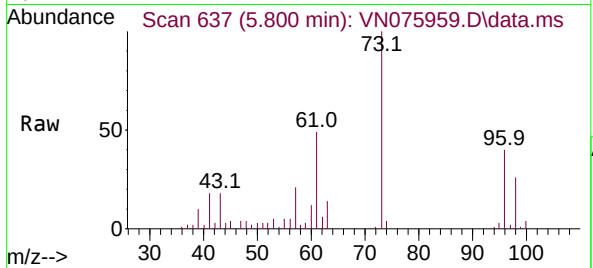




#21
trans-1,2-Dichloroethene
Concen: 17.625 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

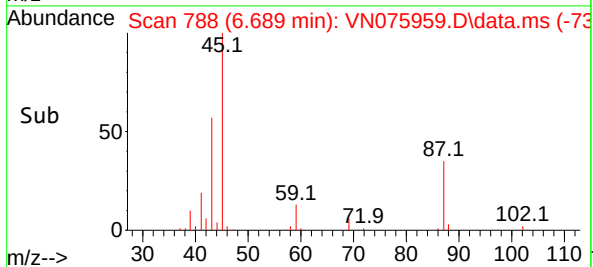
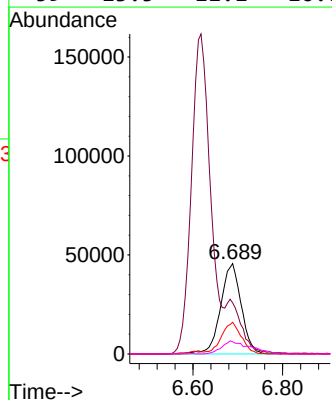
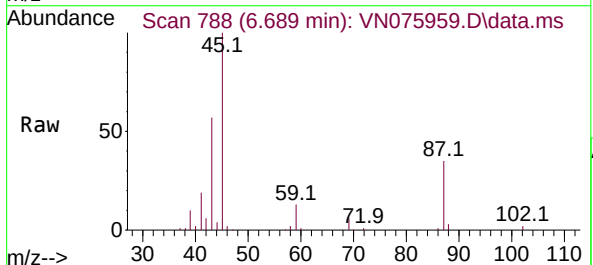
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MSVOA_N
ClientSampleId :
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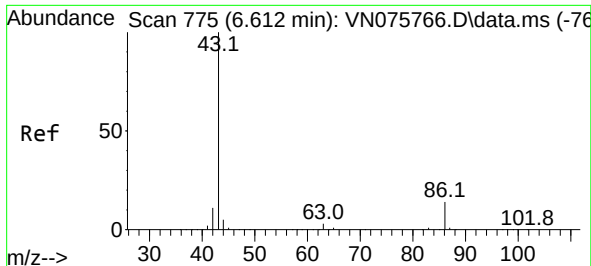
Tgt Ion: 96 Resp: 50505
Ion Ratio Lower Upper
96 100
61 121.6 98.1 147.1
98 65.6 51.4 77.2



#22
Diisopropyl ether
Concen: 19.680 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 45 Resp: 146228
Ion Ratio Lower Upper
45 100
43 55.1 44.2 66.4
87 35.1 28.3 42.5
59 13.5 11.1 16.7

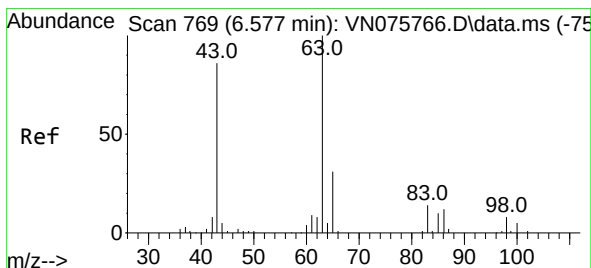
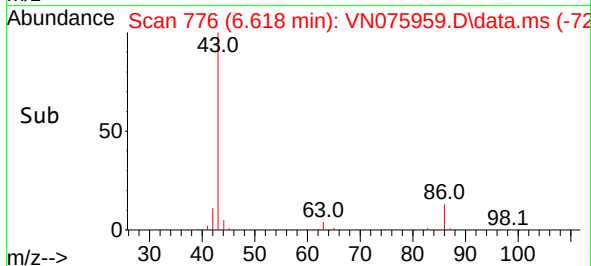
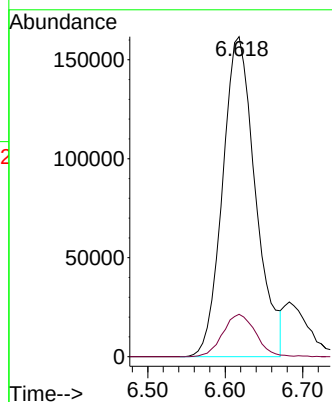
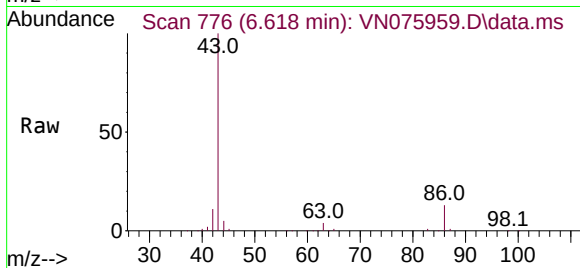




#23
 Vinyl Acetate
 Concen: 95.685 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN075959.D
 Acq: 23 Dec 2022 12:21

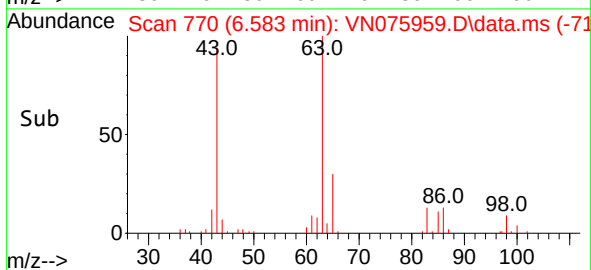
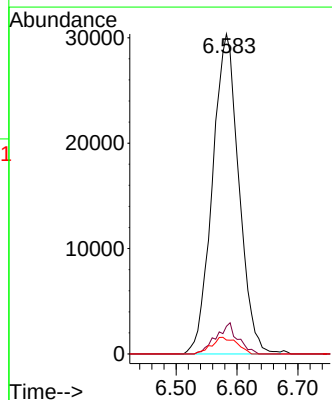
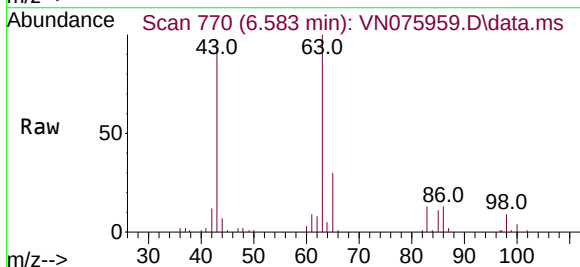
Instrument :
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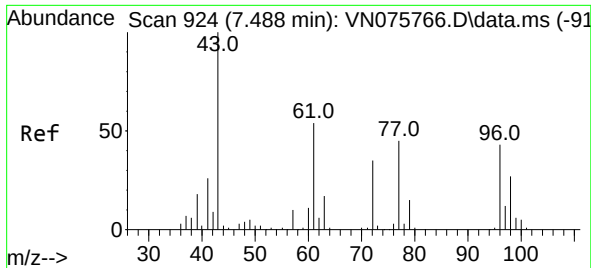
Tgt Ion: 43 Resp: 478534
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 18.475 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075959.D
 Acq: 23 Dec 2022 12:21

Tgt Ion: 63 Resp: 91549
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.5
 100 4.3 2.5 7.6

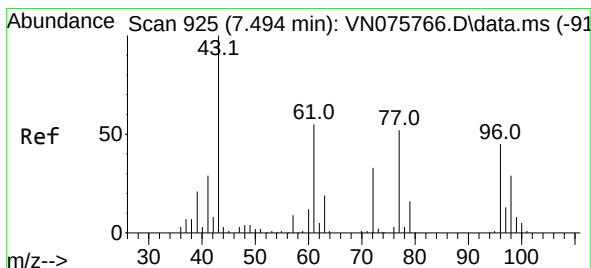
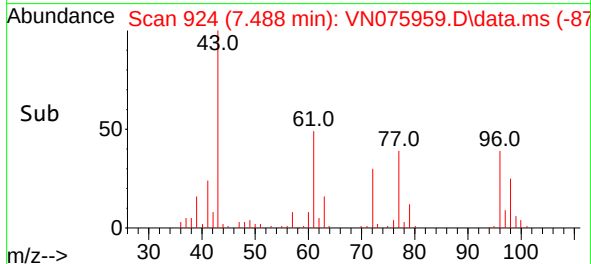
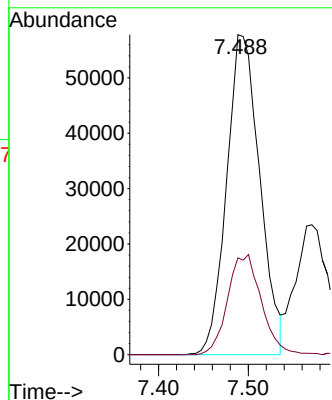
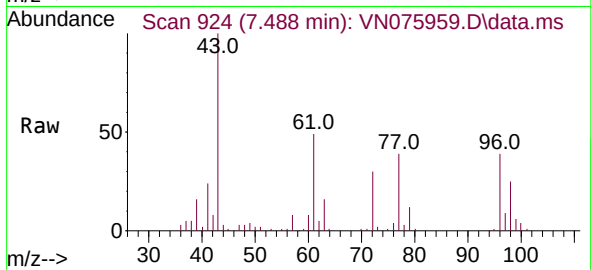




#25
2-Butanone
Concen: 95.723 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

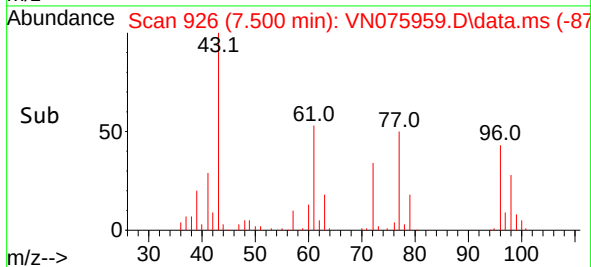
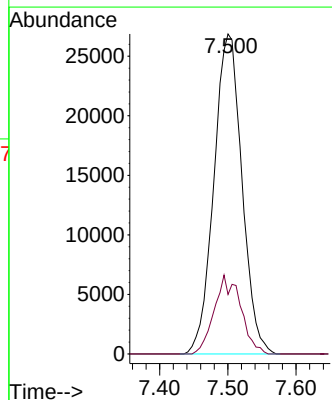
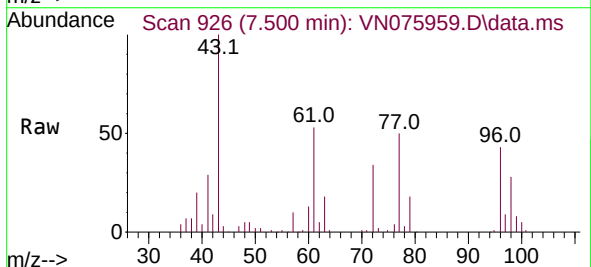
Instrument :
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ClientSampleId :
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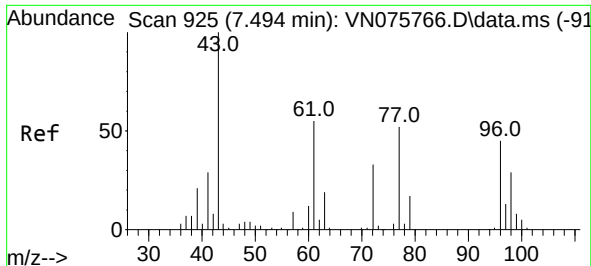
Tgt Ion: 43 Resp: 148390
Ion Ratio Lower Upper
43 100
72 30.3 28.0 42.0



#26
2,2-Dichloropropane
Concen: 18.320 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 77 Resp: 76881
Ion Ratio Lower Upper
77 100
97 23.3 12.7 38.0

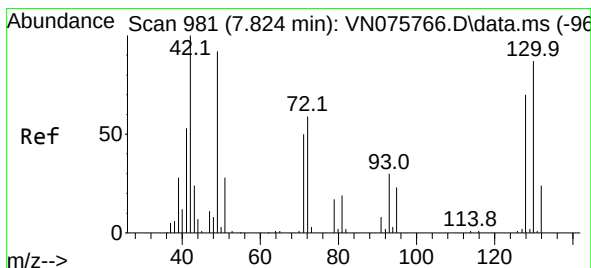
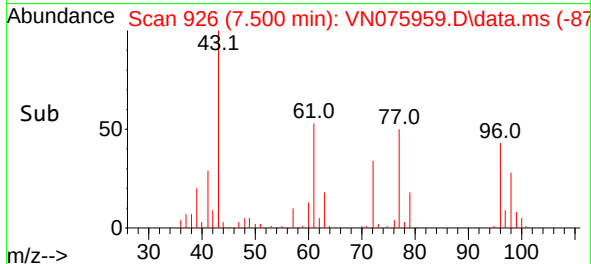
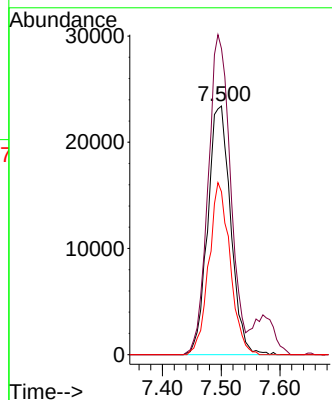
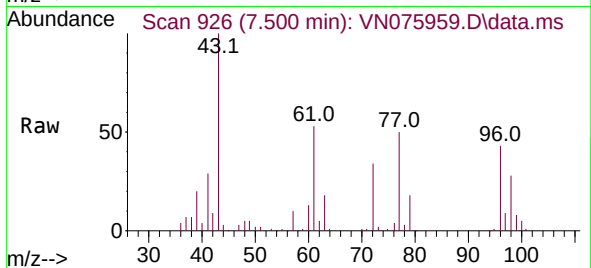




#27
 cis-1,2-Dichloroethene
 Concen: 18.511 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN075959.D
 Acq: 23 Dec 2022 12:21

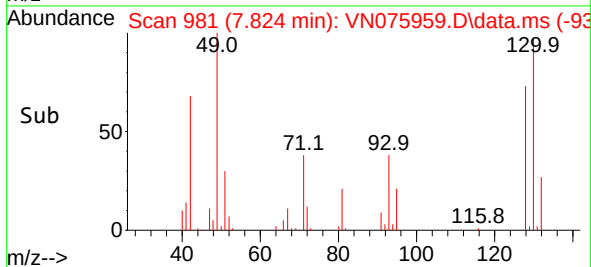
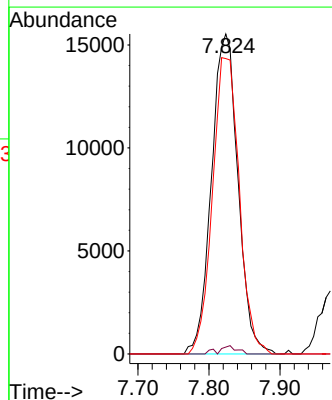
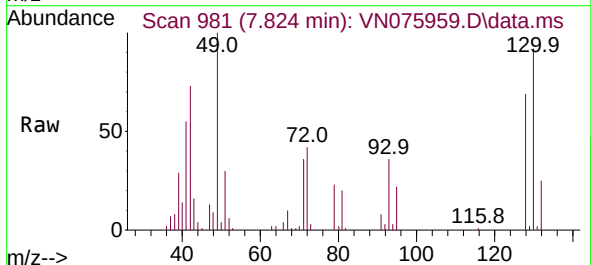
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS01

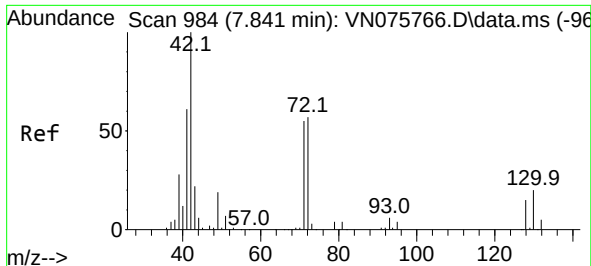
Tgt Ion: 96 Resp: 63440
 Ion Ratio Lower Upper
 96 100
 61 126.5 0.0 247.8
 98 64.1 0.0 128.4



#28
 Bromochloromethane
 Concen: 18.506 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN075959.D
 Acq: 23 Dec 2022 12:21

Tgt Ion: 49 Resp: 40195
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 5.0
 130 93.4 77.0 115.4





#29

Tetrahydrofuran

Concen: 102.312 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

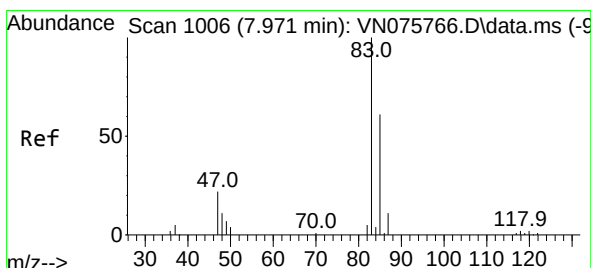
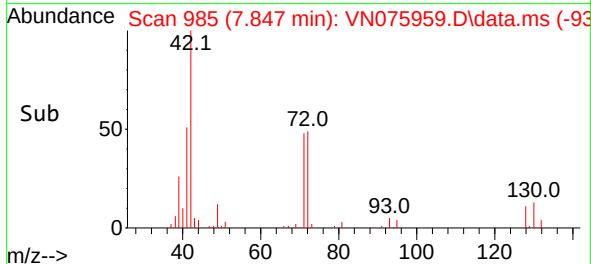
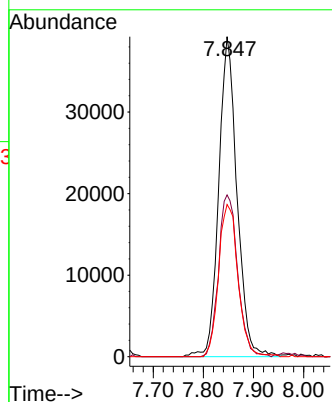
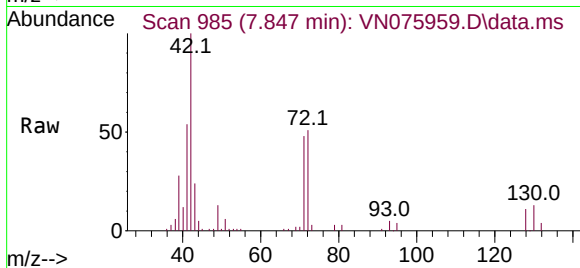
Tgt Ion: 42 Resp: 99393

Ion Ratio Lower Upper

42 100

72 53.0 44.5 66.7

71 50.6 41.0 61.6



#30

Chloroform

Concen: 18.901 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075959.D

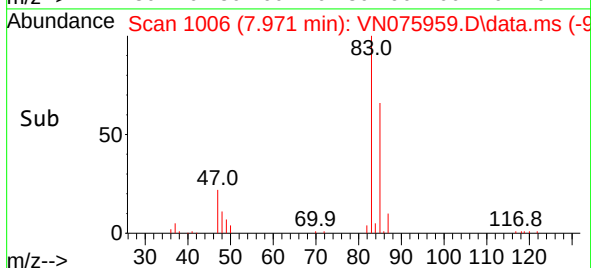
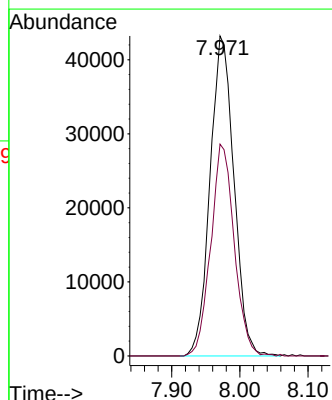
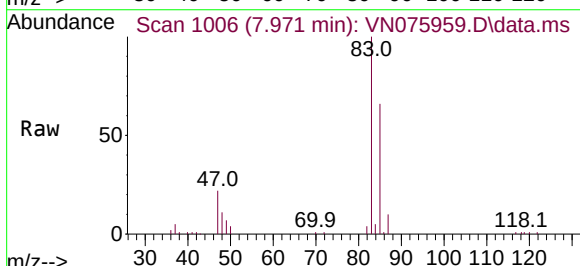
Acq: 23 Dec 2022 12:21

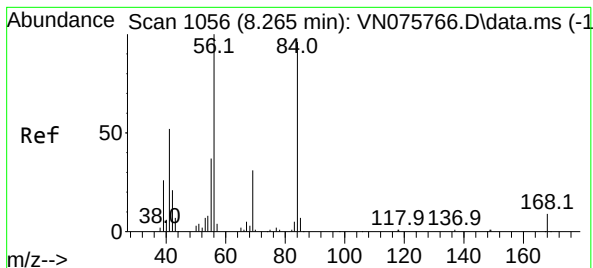
Tgt Ion: 83 Resp: 105453

Ion Ratio Lower Upper

83 100

85 66.2 49.1 73.7





#31

Cyclohexane

Concen: 17.480 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

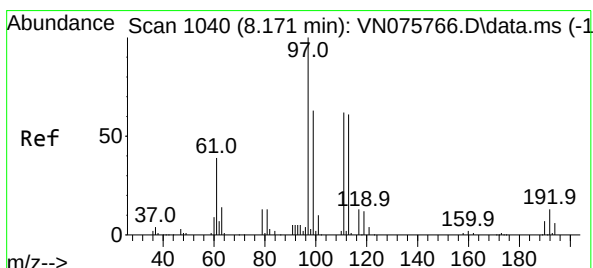
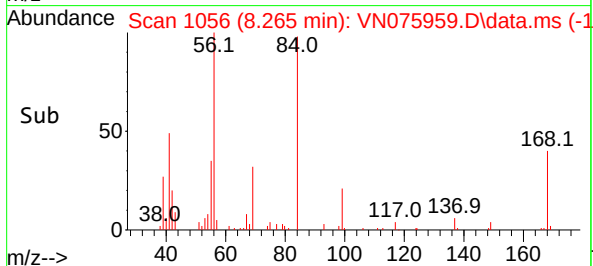
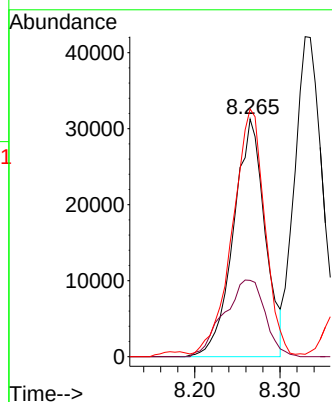
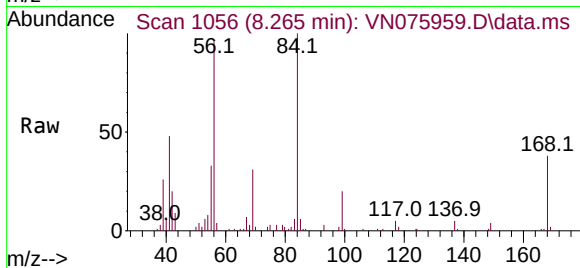
Tgt Ion: 56 Resp: 80401

Ion Ratio Lower Upper

56 100

69 32.1 24.7 37.1

84 102.2 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 18.937 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

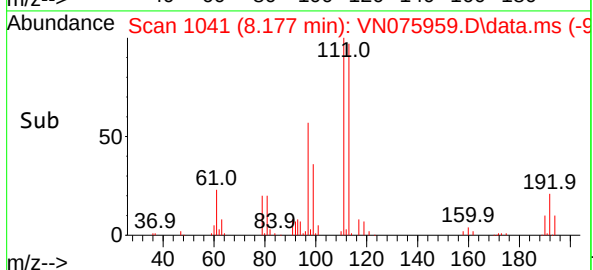
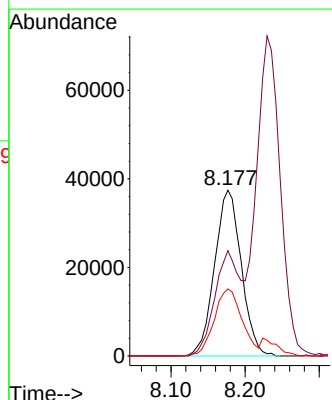
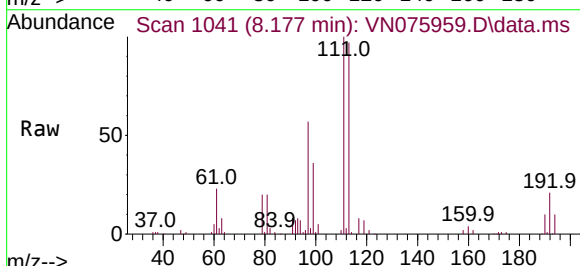
Tgt Ion: 97 Resp: 93667

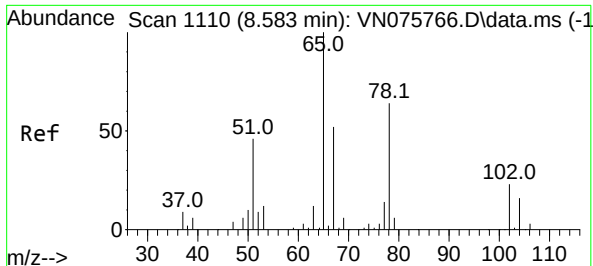
Ion Ratio Lower Upper

97 100

99 63.7 50.2 75.2

61 42.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 51.932 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

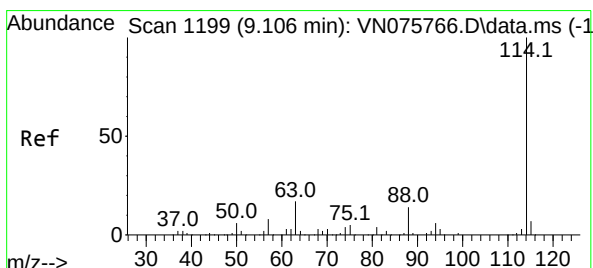
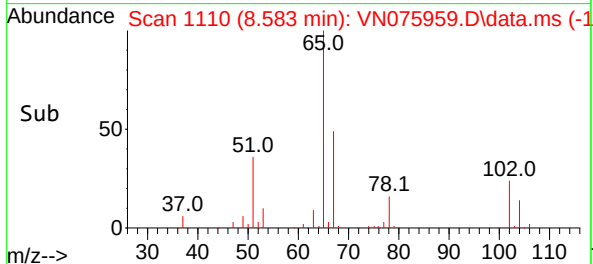
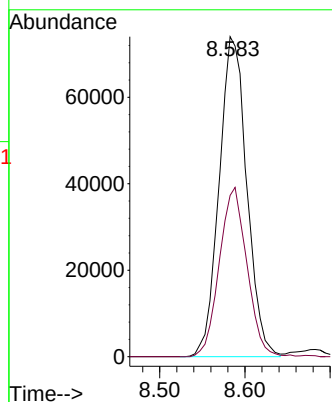
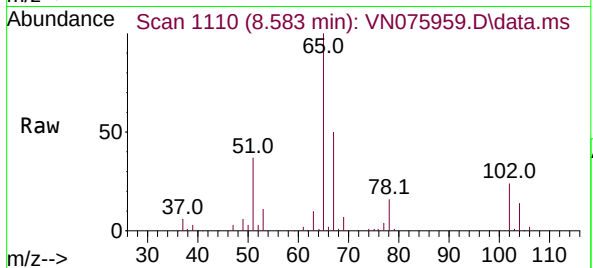
VN1223WBS01

Tgt Ion: 65 Resp: 166789

Ion Ratio Lower Upper

65 100

67 52.8 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: VN075959.D

Acq: 23 Dec 2022 12:21

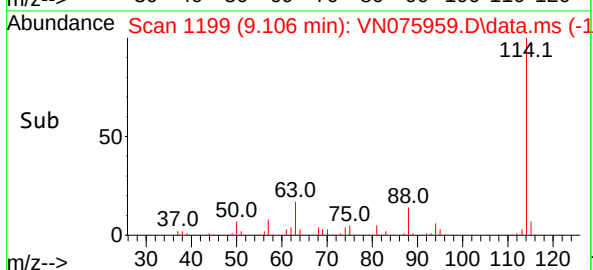
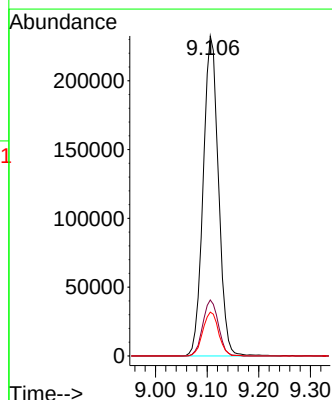
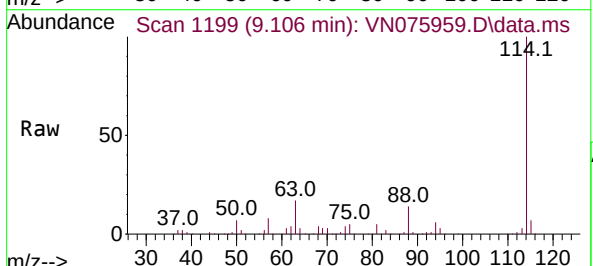
Tgt Ion: 114 Resp: 477383

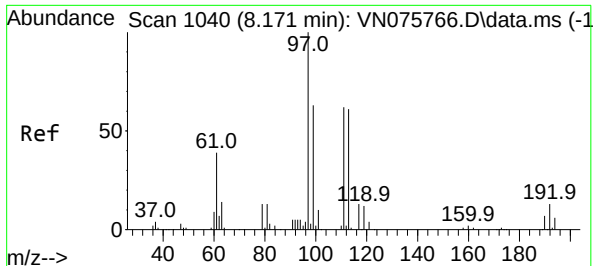
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 13.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.465 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

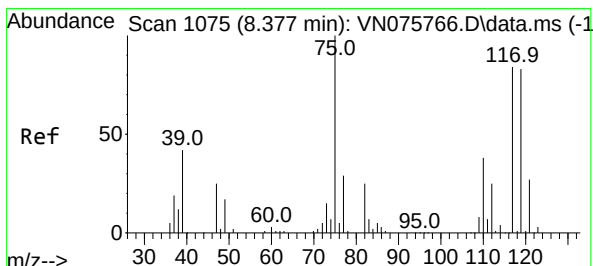
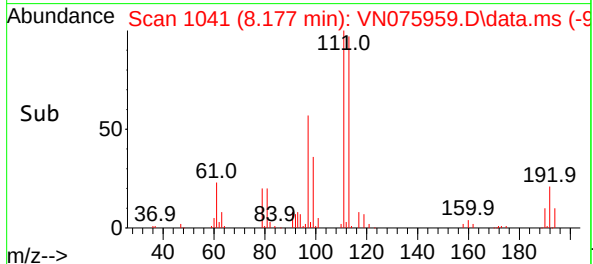
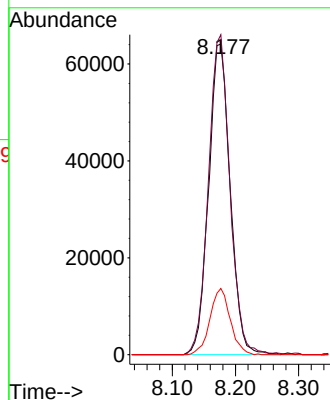
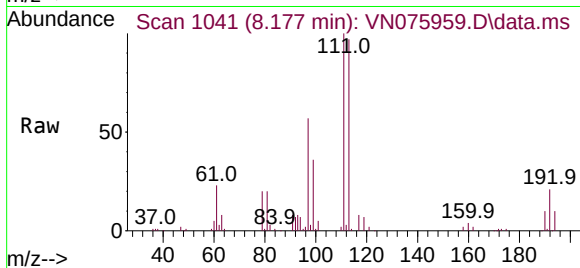
Tgt Ion:113 Resp: 152150

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

192 20.1 16.1 24.1



#36

1,1-Dichloropropene

Concen: 18.247 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

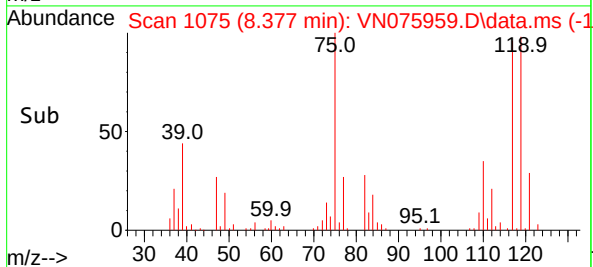
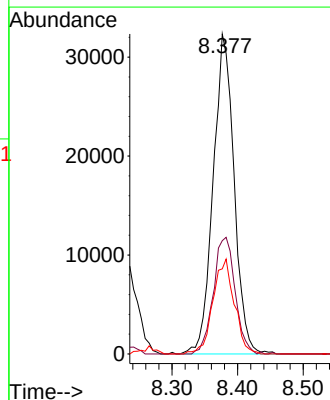
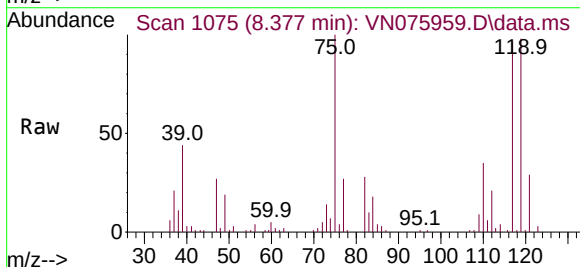
Tgt Ion: 75 Resp: 71659

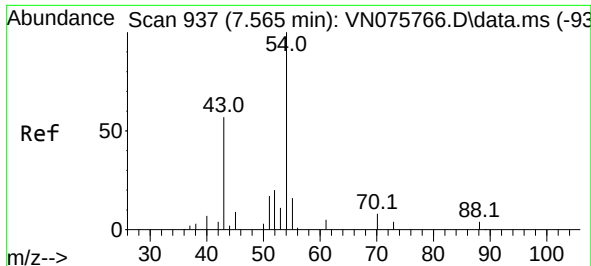
Ion Ratio Lower Upper

75 100

110 37.9 18.8 56.4

77 30.4 24.1 36.1

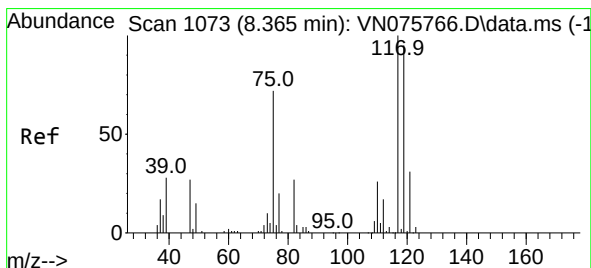
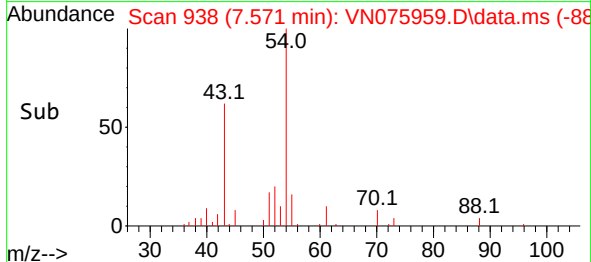
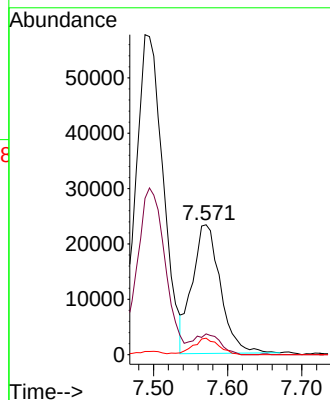
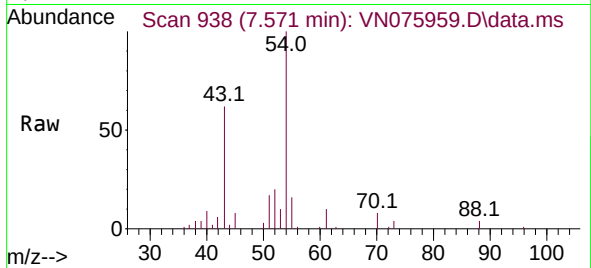




#37
Ethyl Acetate
Concen: 19.408 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

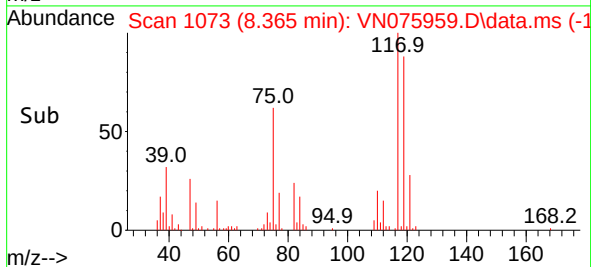
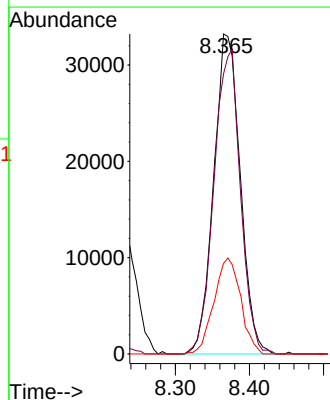
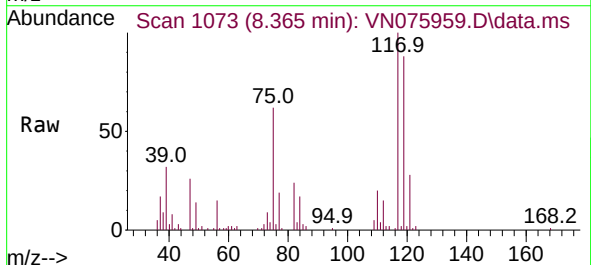
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

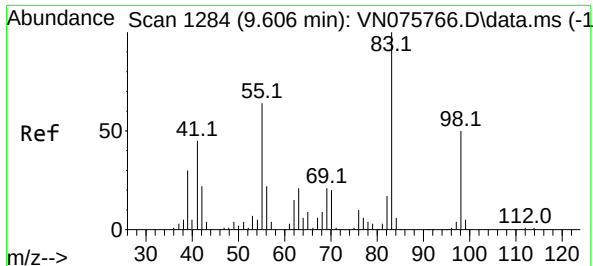
Tgt Ion: 43 Resp: 61224
Ion Ratio Lower Upper
43 100
61 14.6 13.0 19.4
70 11.5 9.4 14.0



#38
Carbon Tetrachloride
Concen: 18.798 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 117 Resp: 82628
Ion Ratio Lower Upper
117 100
119 87.6 76.1 114.1
121 28.3 24.5 36.7





#39

Methylcyclohexane

Concen: 18.392 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

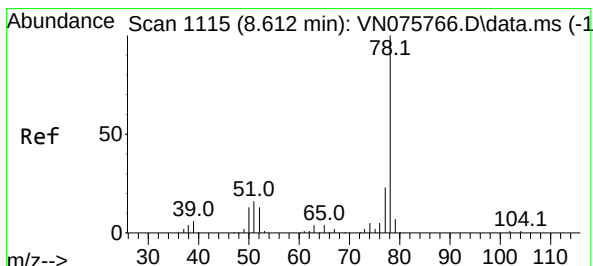
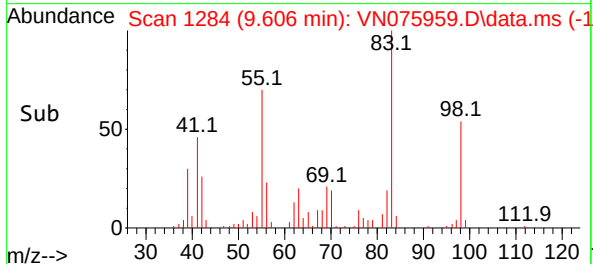
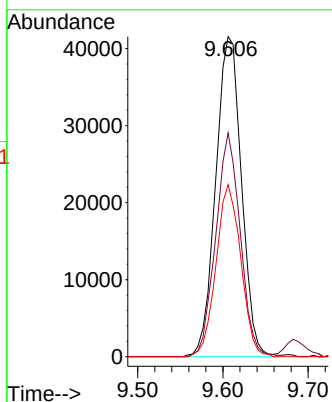
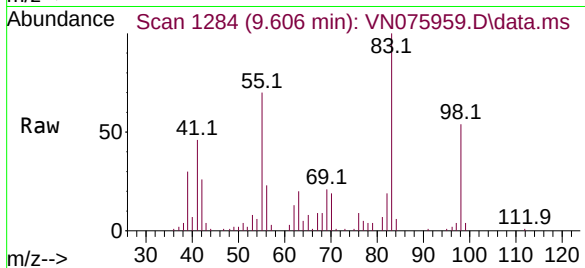
Tgt Ion: 83 Resp: 87140

Ion Ratio Lower Upper

83 100

55 69.9 51.4 77.0

98 53.7 39.8 59.8



#40

Benzene

Concen: 18.427 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075959.D

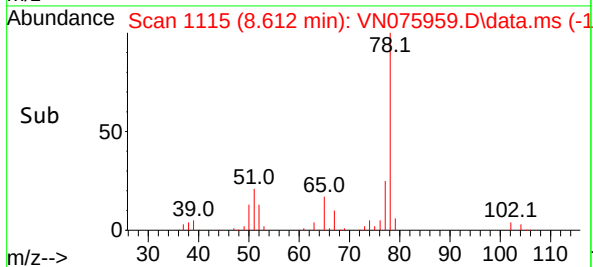
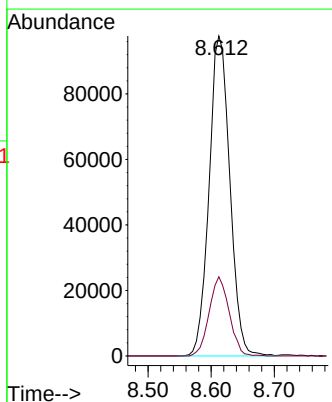
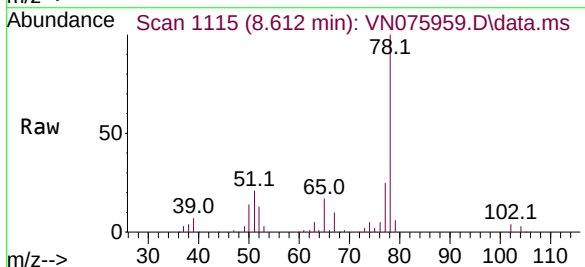
Acq: 23 Dec 2022 12:21

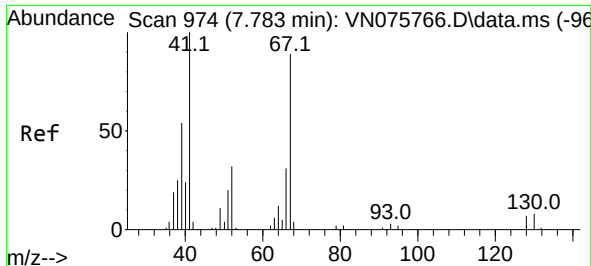
Tgt Ion: 78 Resp: 223283

Ion Ratio Lower Upper

78 100

77 24.7 18.5 27.7

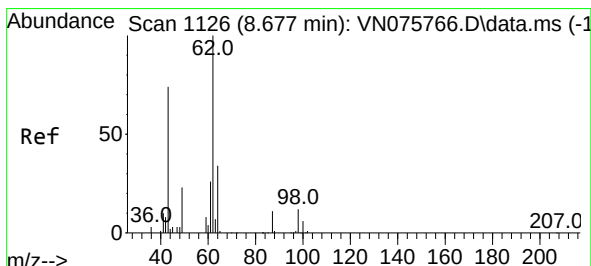
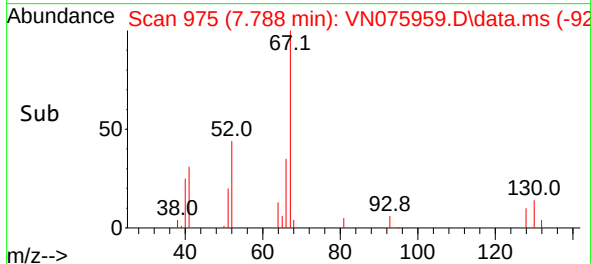
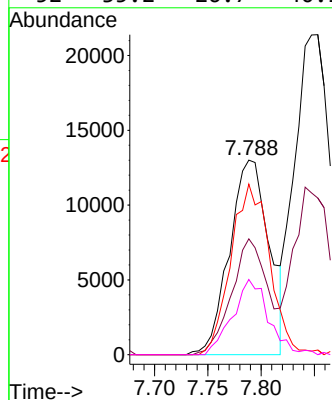
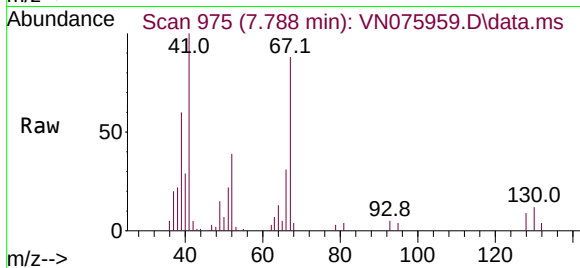




#41
Methacrylonitrile
Concen: 20.588 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

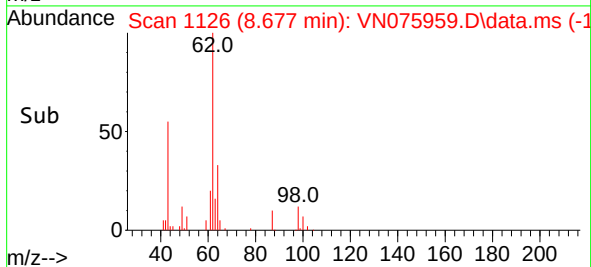
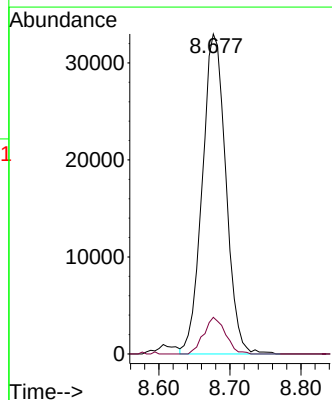
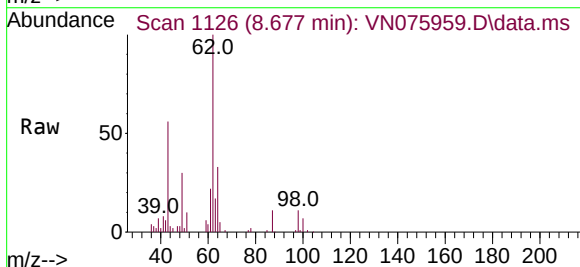
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

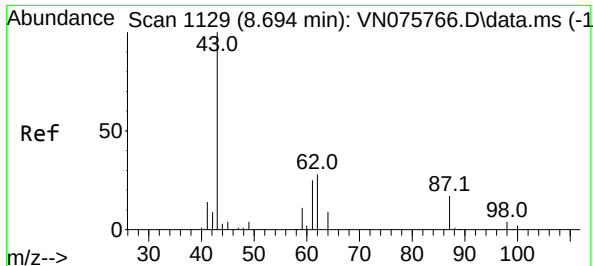
Tgt Ion:	41	Resp:	33758
Ion	Ratio	Lower	Upper
41	100		
39	51.6	43.1	64.7
67	86.0	70.7	106.1
52	35.2	26.7	40.1



#42
1,2-Dichloroethane
Concen: 18.912 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion:	62	Resp:	76182
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.470 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

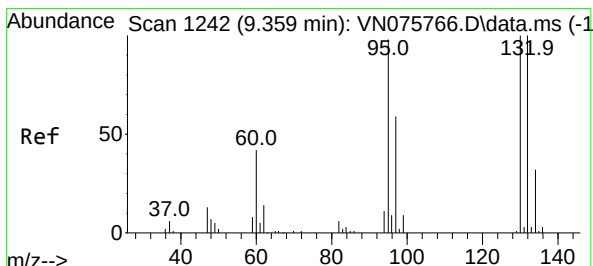
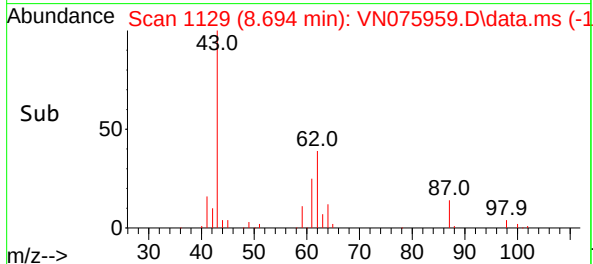
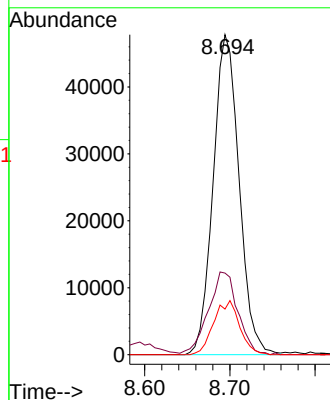
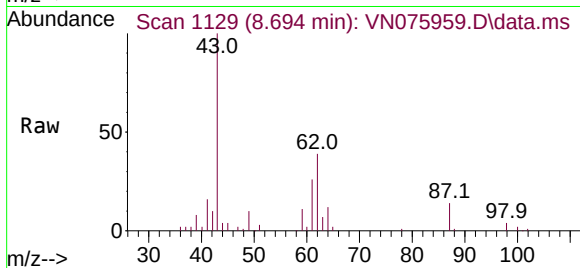
Tgt Ion: 43 Resp: 101317

Ion Ratio Lower Upper

43 100

61 29.3 24.2 36.4

87 16.9 13.3 19.9



#44

Trichloroethene

Concen: 17.354 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VN075959.D

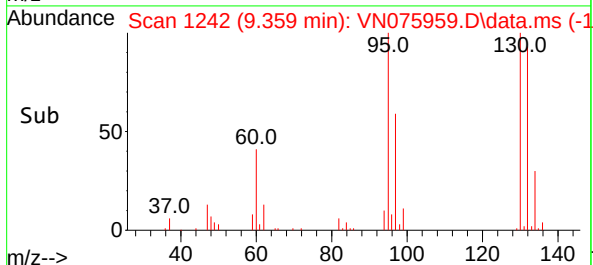
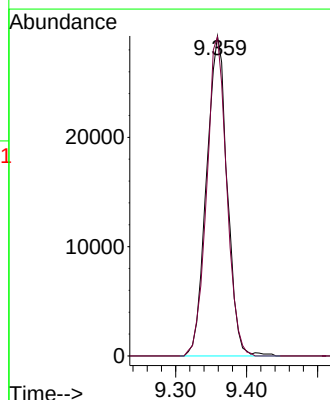
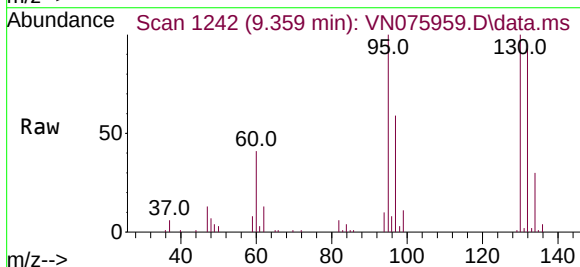
Acq: 23 Dec 2022 12:21

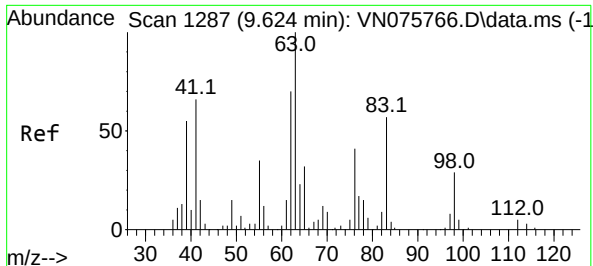
Tgt Ion:130 Resp: 59240

Ion Ratio Lower Upper

130 100

95 99.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.687 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

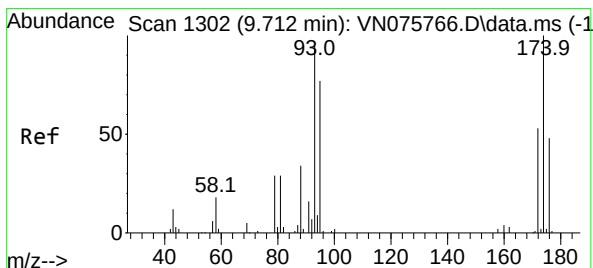
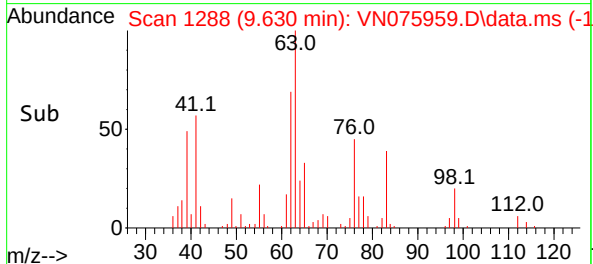
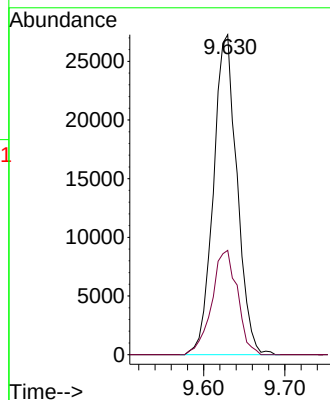
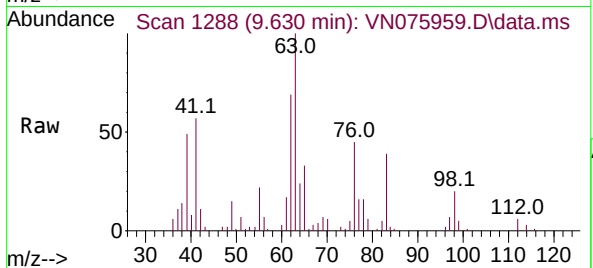
VN1223WBS01

Tgt Ion: 63 Resp: 55100

Ion Ratio Lower Upper

63 100

65 32.6 25.7 38.5



#46

Dibromomethane

Concen: 18.278 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

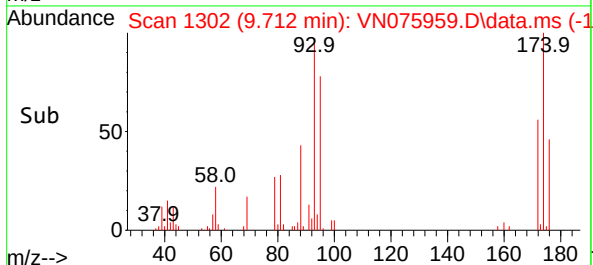
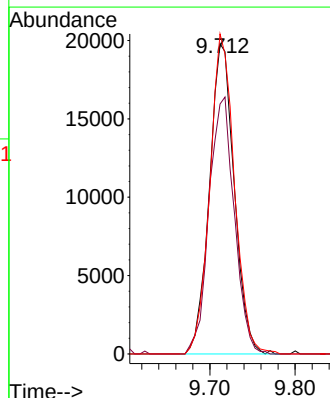
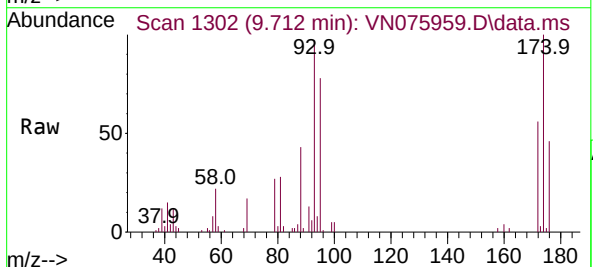
Tgt Ion: 93 Resp: 39973

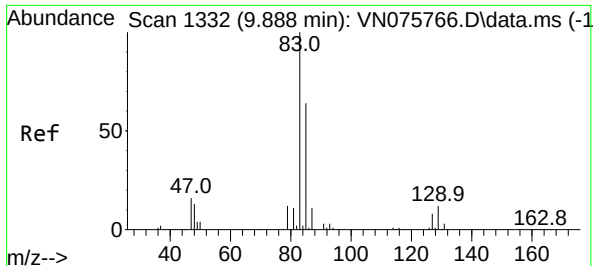
Ion Ratio Lower Upper

93 100

95 84.6 65.2 97.8

174 102.1 82.4 123.6





#47

Bromodichloromethane

Concen: 18.879 ug/l

RT: 9.894 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

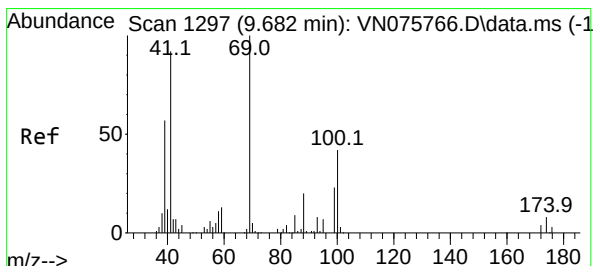
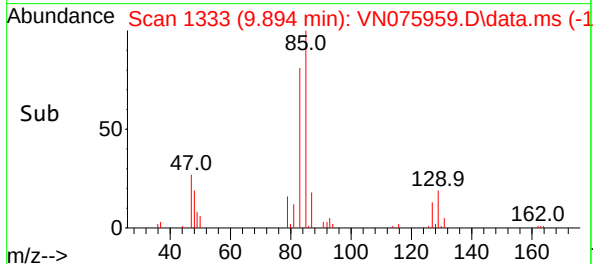
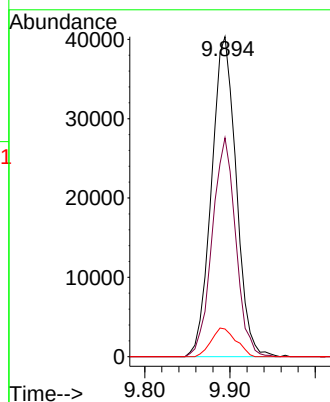
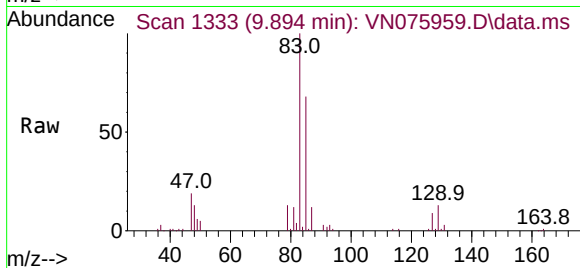
Tgt Ion: 83 Resp: 80968

Ion Ratio Lower Upper

83 100

85 68.4 51.5 77.3

127 8.6 6.6 10.0



#48

Methyl methacrylate

Concen: 19.100 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

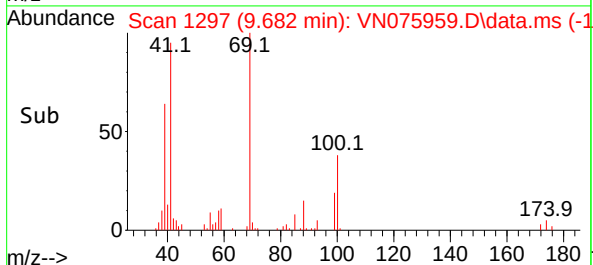
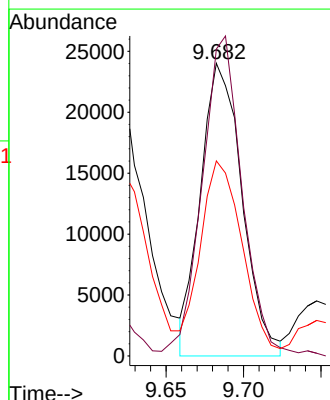
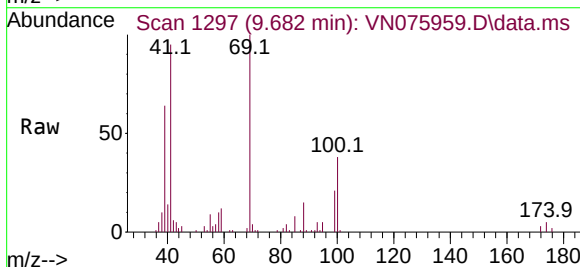
Tgt Ion: 41 Resp: 44765

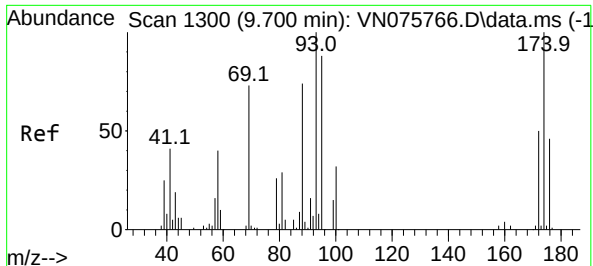
Ion Ratio Lower Upper

41 100

69 106.1 81.9 122.9

39 67.4 51.6 77.4





#49

1,4-Dioxane

Concen: 393.941 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

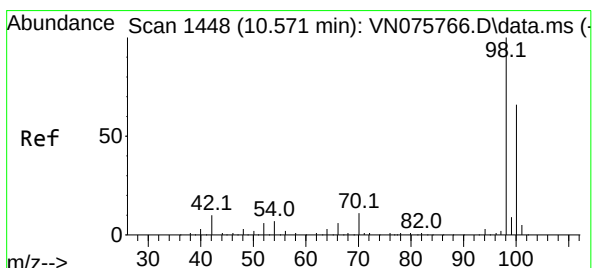
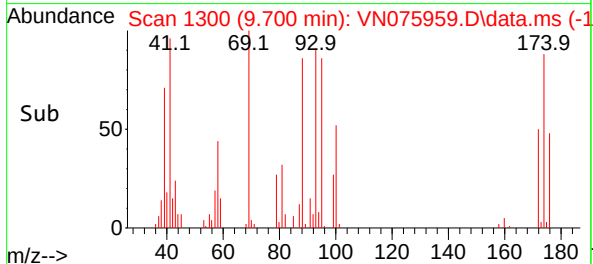
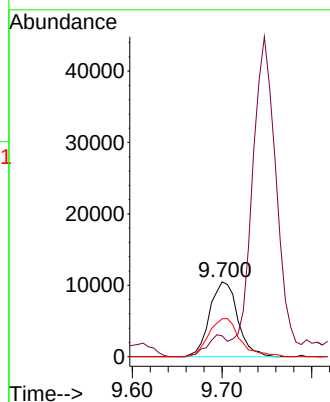
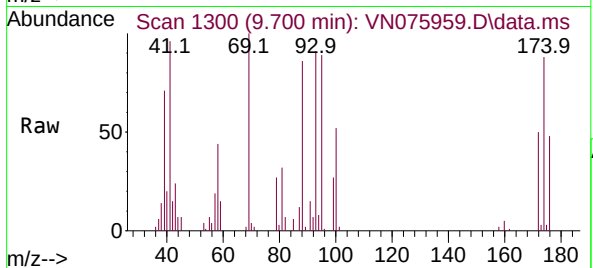
Tgt Ion: 88 Resp: 22698

Ion Ratio Lower Upper

88 100

43 20.7 17.1 25.7

58 56.7 47.8 71.8



#50

Toluene-d8

Concen: 51.527 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075959.D

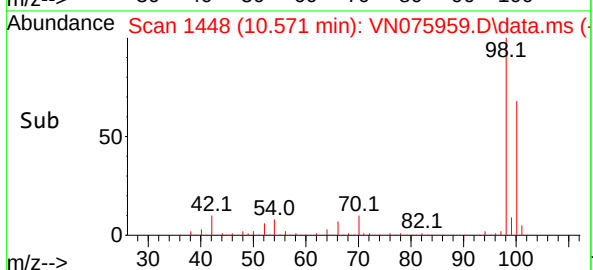
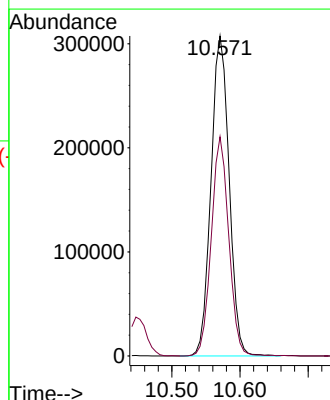
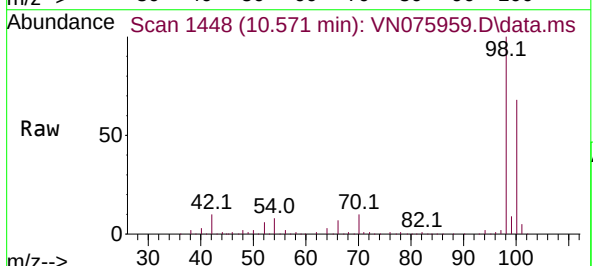
Acq: 23 Dec 2022 12:21

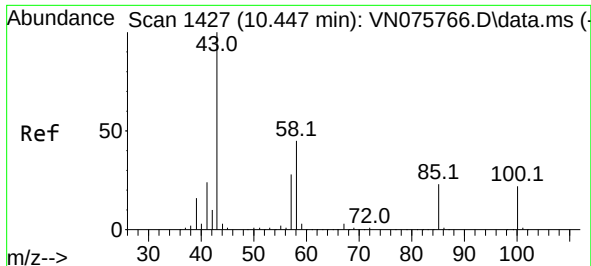
Tgt Ion: 98 Resp: 569551

Ion Ratio Lower Upper

98 100

100 66.1 52.1 78.1

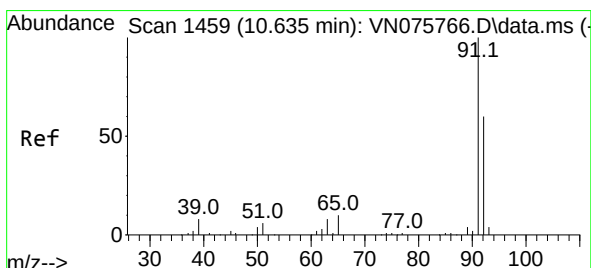
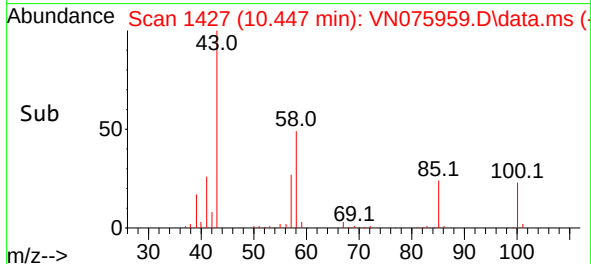
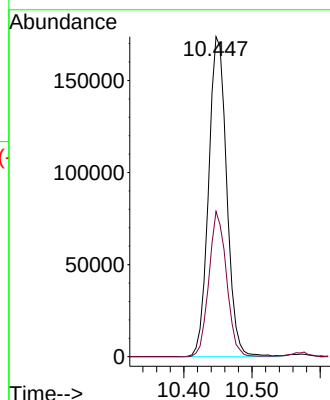
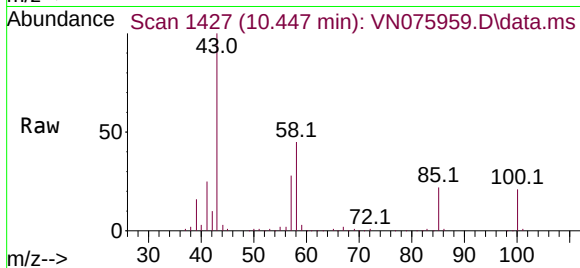




#51
4-Methyl-2-Pentanone
Concen: 102.164 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

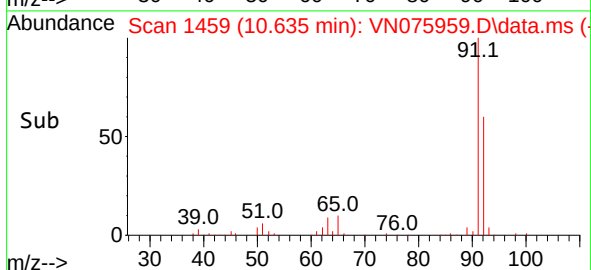
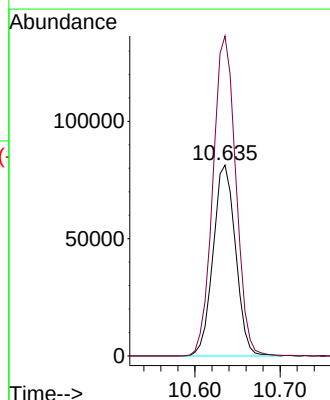
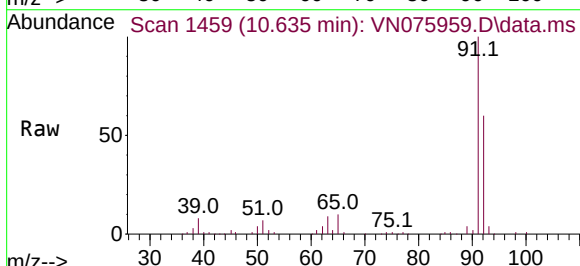
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

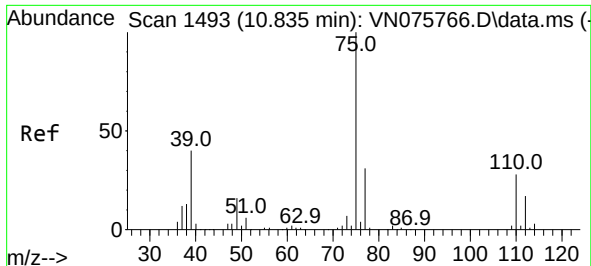
Tgt Ion: 43 Resp: 321504
Ion Ratio Lower Upper
43 100
58 44.0 35.5 53.3



#52
Toluene
Concen: 18.898 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 92 Resp: 149131
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9

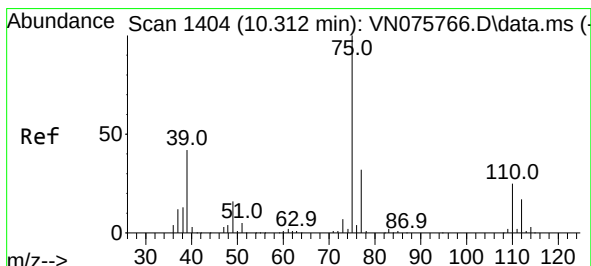
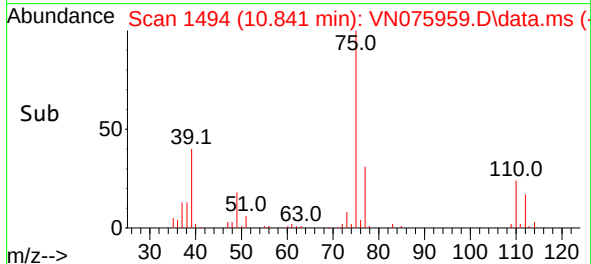
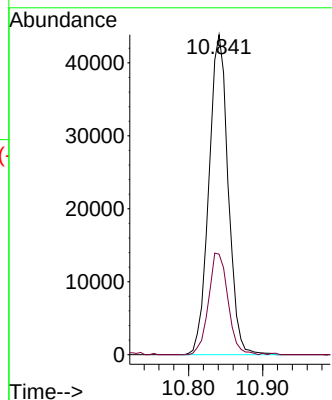
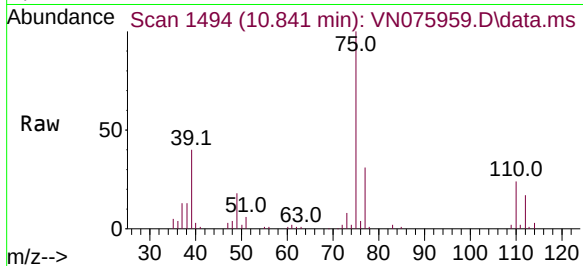




#53
 t-1,3-Dichloropropene
 Concen: 18.869 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075959.D
 Acq: 23 Dec 2022 12:21

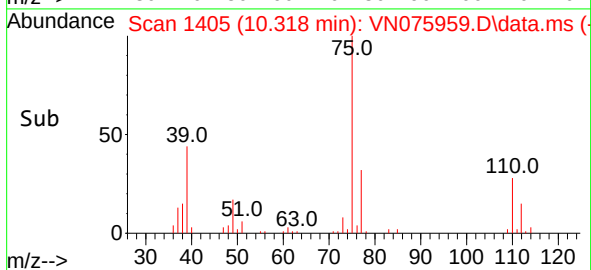
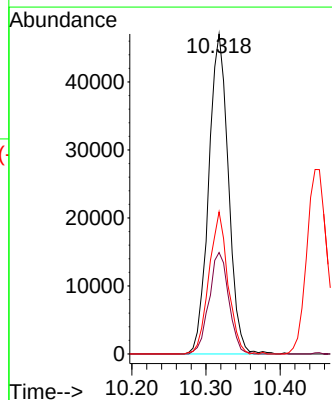
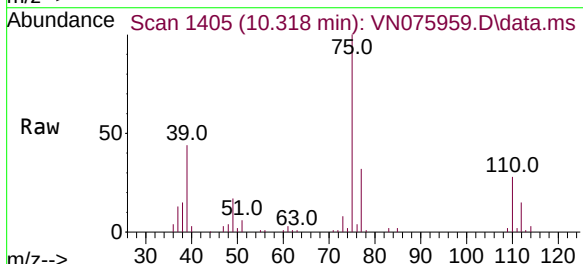
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS01

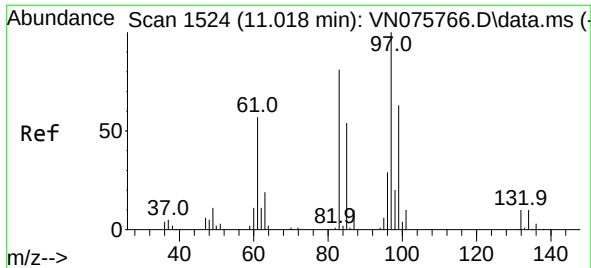
Tgt Ion: 75 Resp: 79217
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 18.837 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075959.D
 Acq: 23 Dec 2022 12:21

Tgt Ion: 75 Resp: 86829
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 39 44.4 33.4 50.2

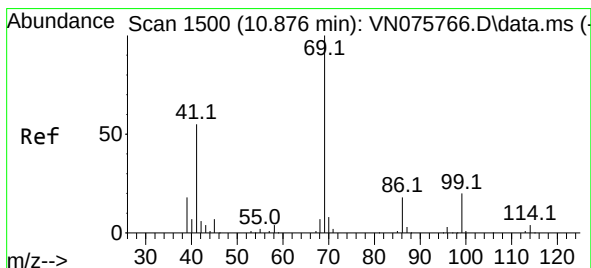
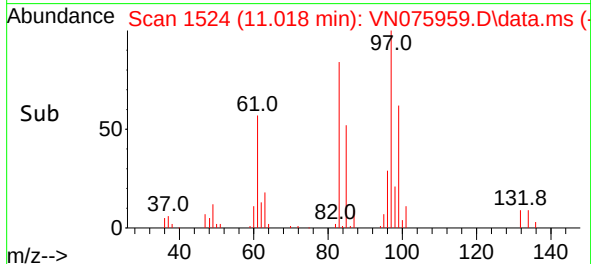
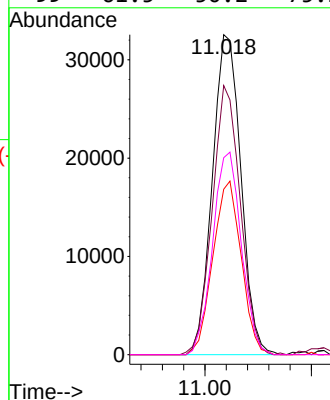
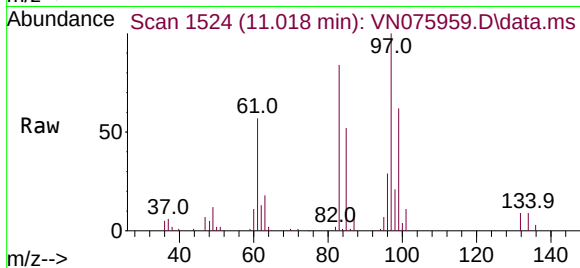




#55
1,1,2-Trichloroethane
Concen: 19.560 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

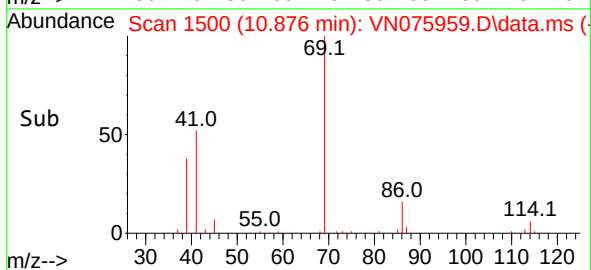
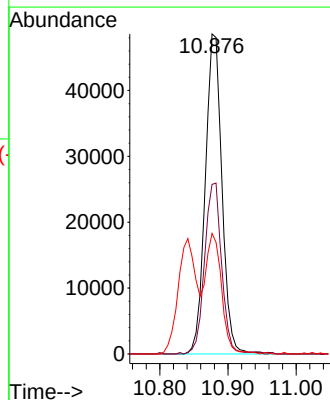
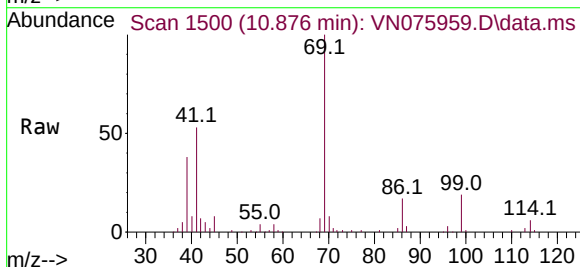
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

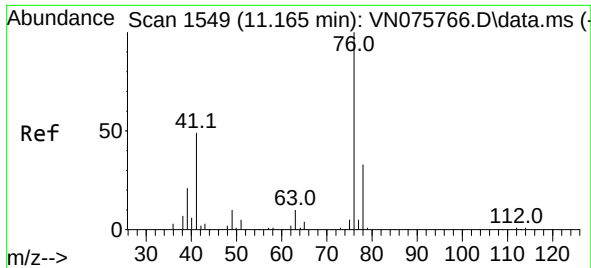
Tgt Ion: 97	Resp: 60587
Ion Ratio	Lower Upper
97 100	
83 84.1	65.0 97.4
85 51.7	43.0 64.6
99 61.5	50.2 75.2



#56
Ethyl methacrylate
Concen: 20.112 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 69	Resp: 82743
Ion Ratio	Lower Upper
69 100	
41 54.4	44.2 66.4
39 36.4	26.4 39.6





#57

1,3-Dichloropropane

Concen: 19.132 ug/l

RT: 11.171 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

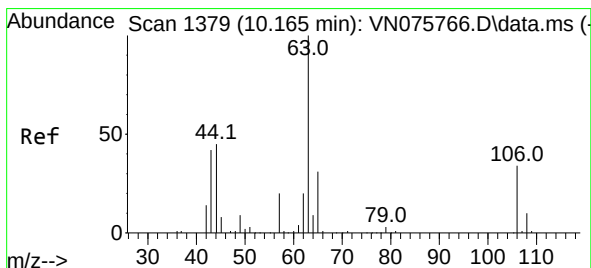
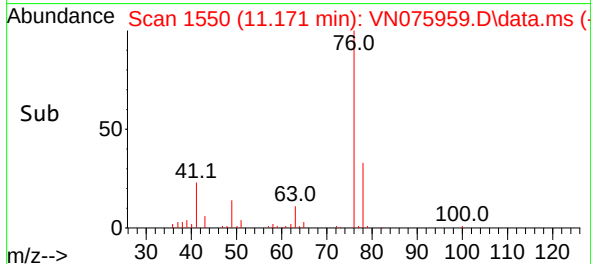
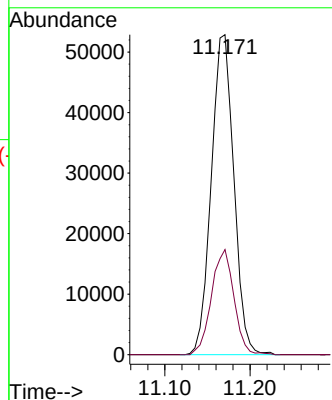
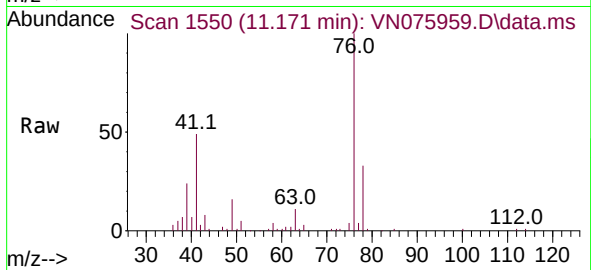
VN1223WBS01

Tgt Ion: 76 Resp: 97204

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 95.978 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075959.D

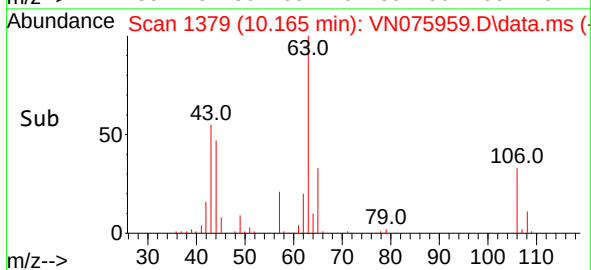
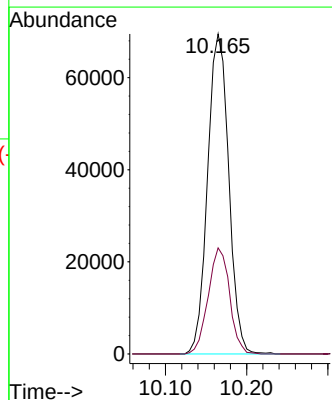
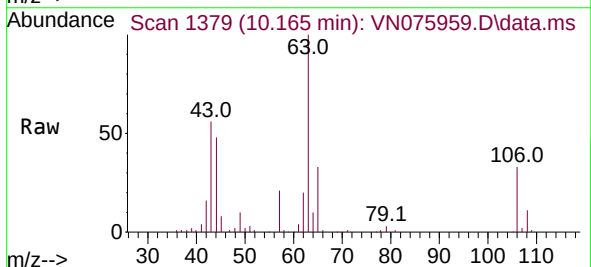
Acq: 23 Dec 2022 12:21

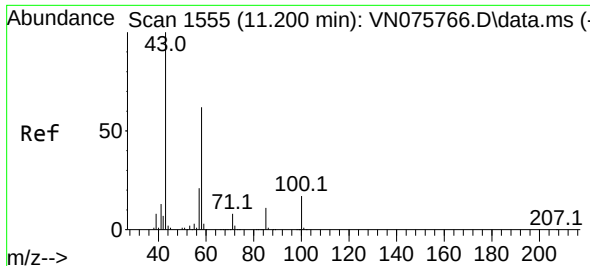
Tgt Ion: 63 Resp: 125721

Ion Ratio Lower Upper

63 100

106 33.5 26.4 39.6

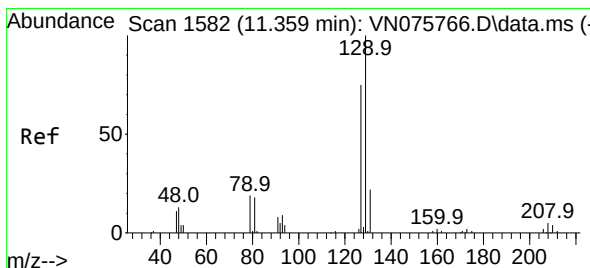
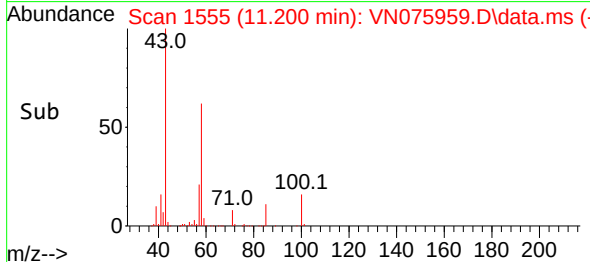
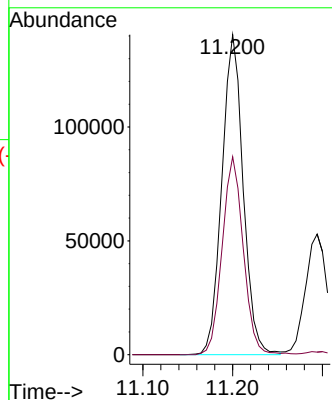
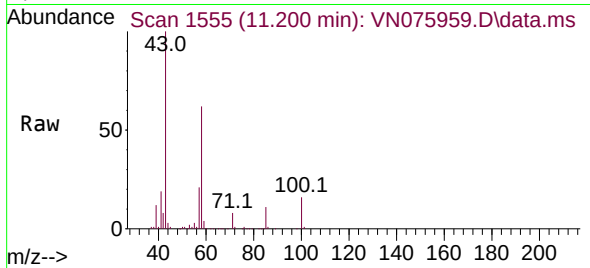




#59
2-Hexanone
Concen: 100.970 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

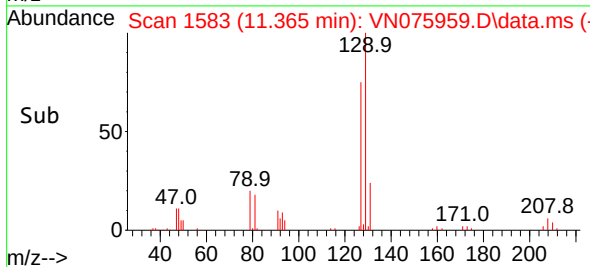
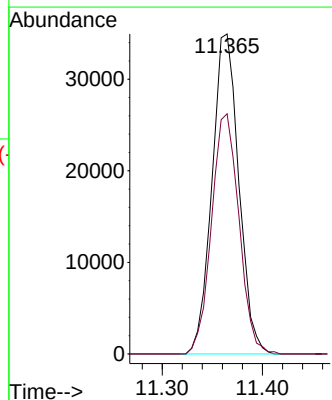
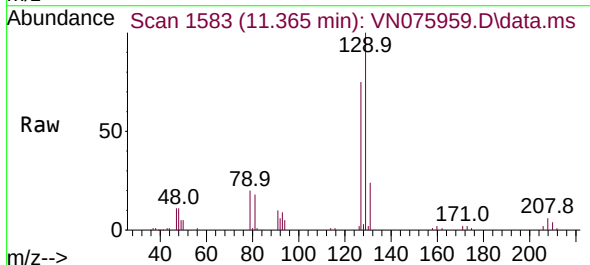
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

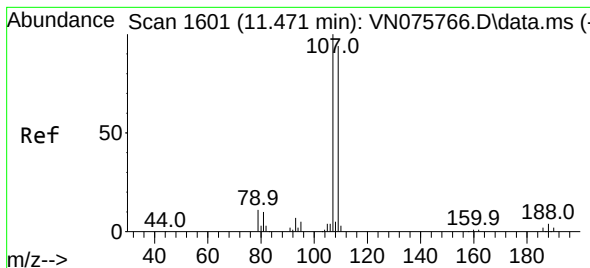
Tgt Ion: 43 Resp: 231723
Ion Ratio Lower Upper
43 100
58 61.3 30.6 92.0



#60
Dibromochloromethane
Concen: 18.821 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 129 Resp: 64832
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9

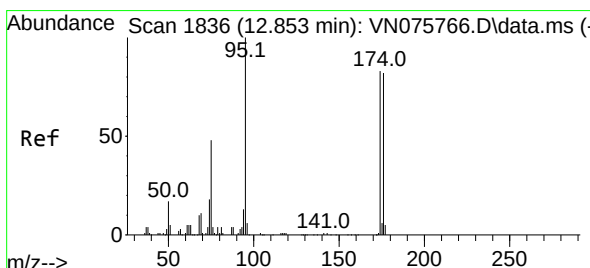
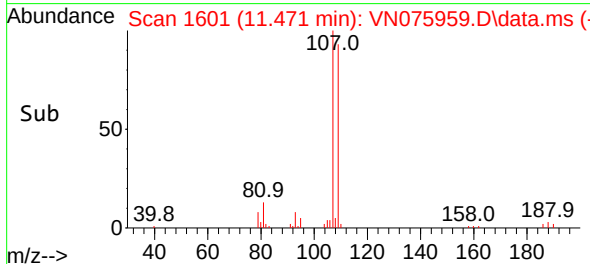
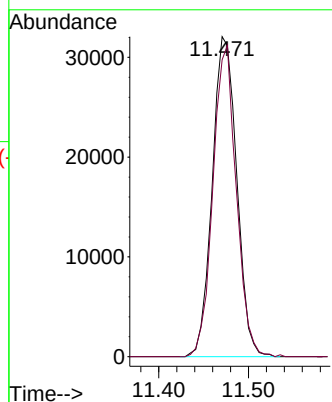
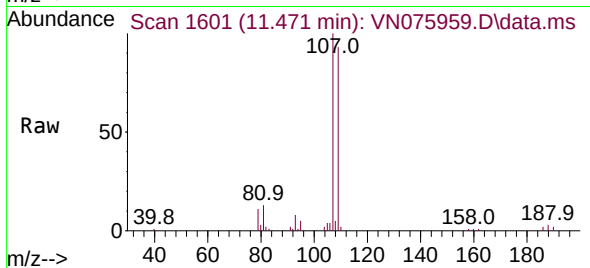




#61
1,2-Dibromoethane
Concen: 19.369 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

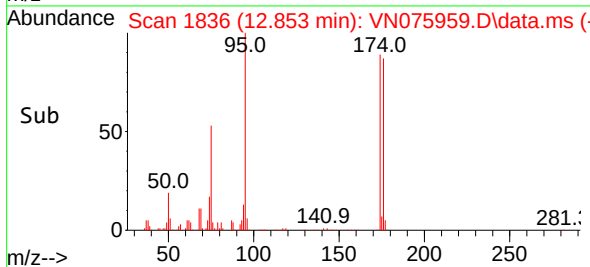
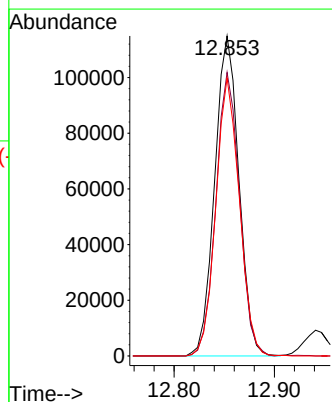
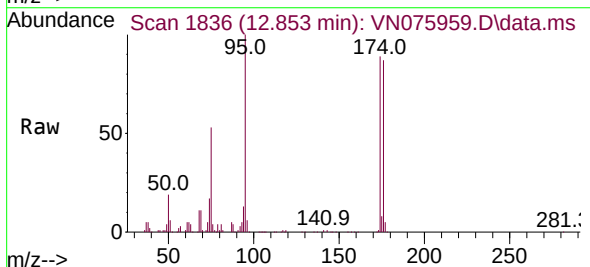
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

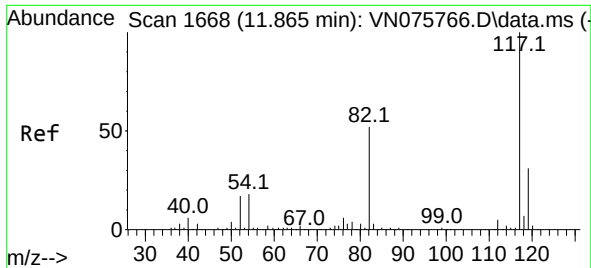
Tgt Ion:107 Resp: 60713
Ion Ratio Lower Upper
107 100
109 92.9 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 52.734 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 95 Resp: 193063
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.6
176 84.4 0.0 169.2

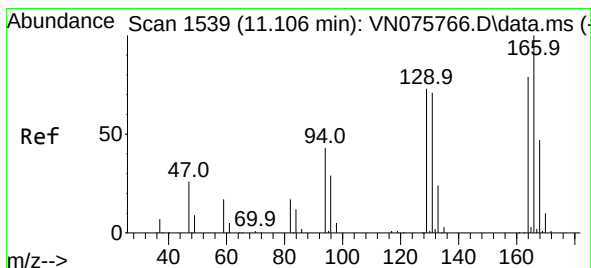
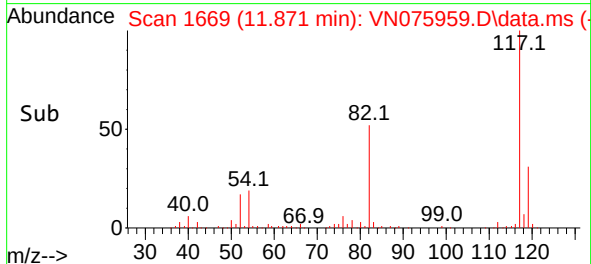
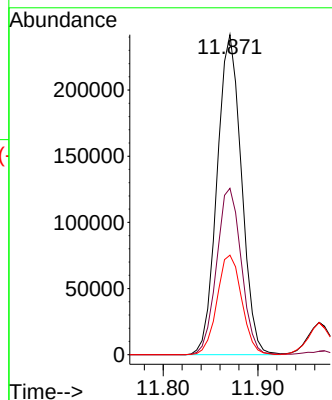
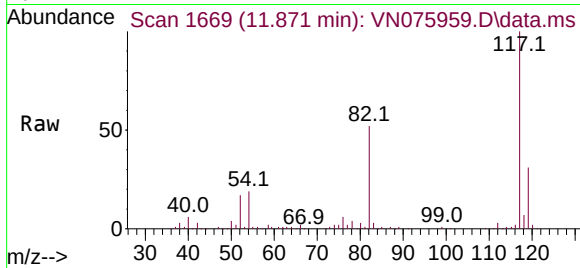




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

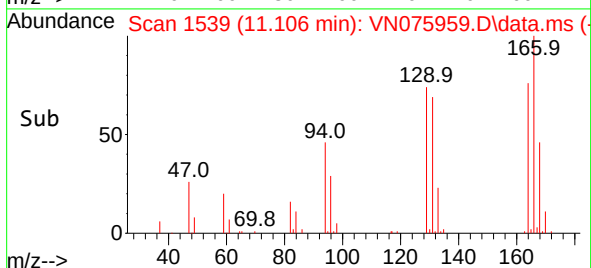
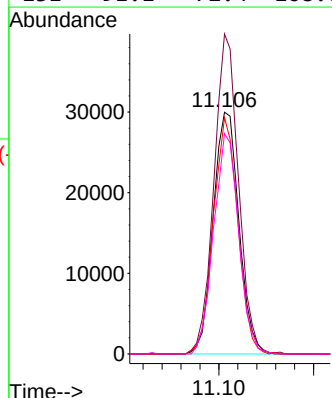
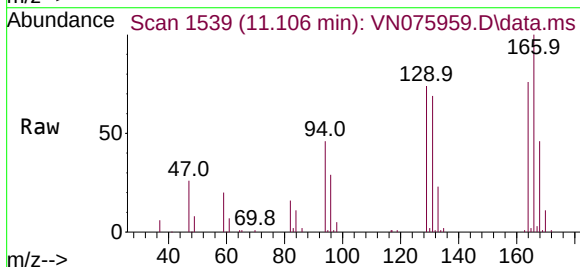
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

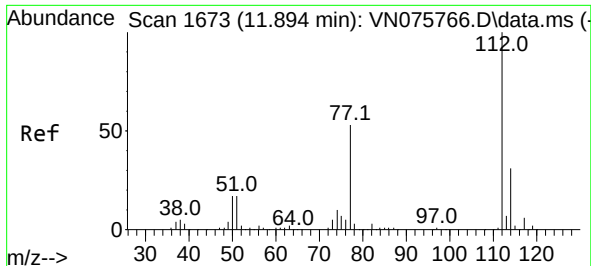
Tgt Ion:117 Resp: 433113
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 31.1 24.6 37.0



#64
Tetrachloroethene
Concen: 18.589 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion:164 Resp: 56653
Ion Ratio Lower Upper
164 100
166 132.3 101.9 152.9
129 97.7 74.2 111.2
131 91.1 72.4 108.6

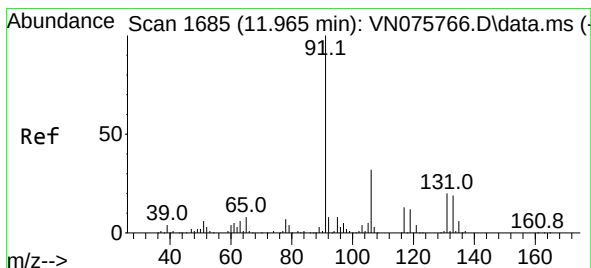
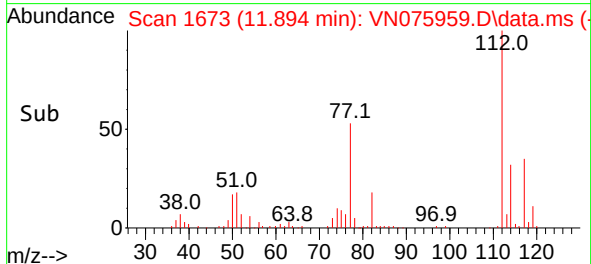
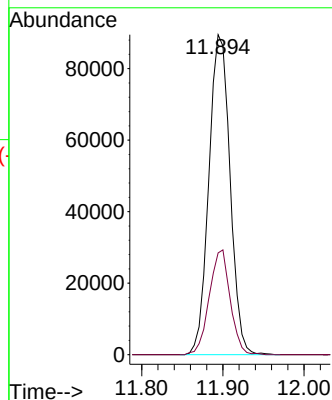
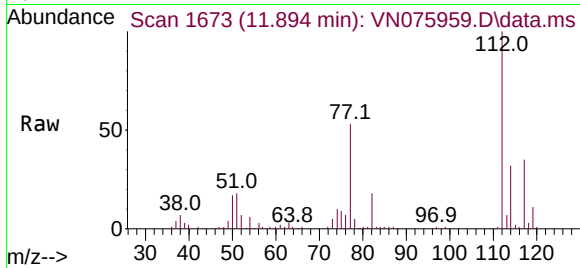




#65
Chlorobenzene
Concen: 18.260 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

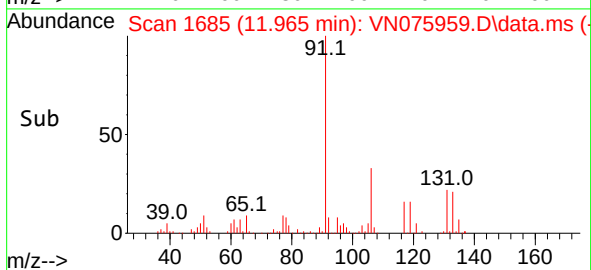
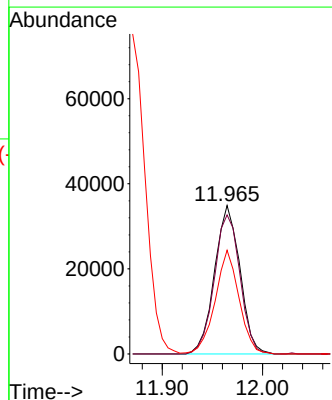
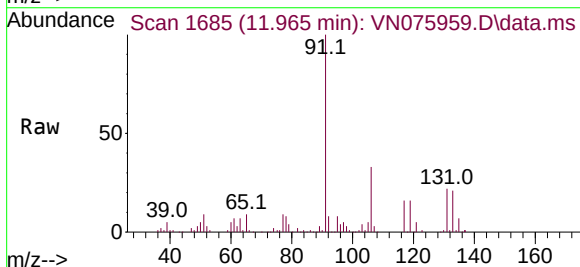
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

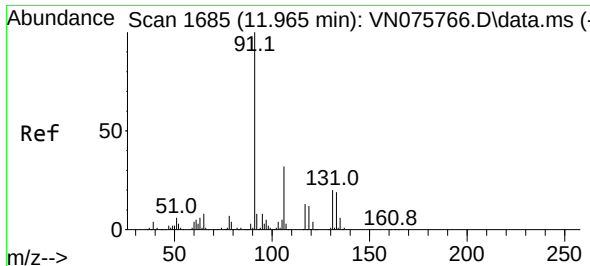
Tgt Ion:112 Resp: 162327
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.614 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion:131 Resp: 61290
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.5
119 66.0 31.9 95.7

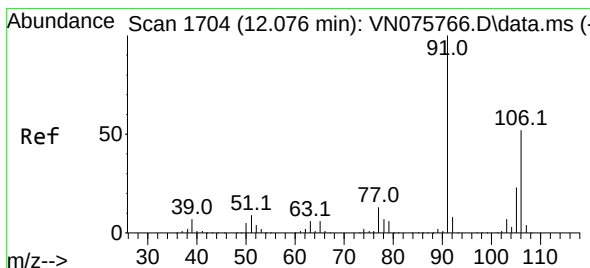
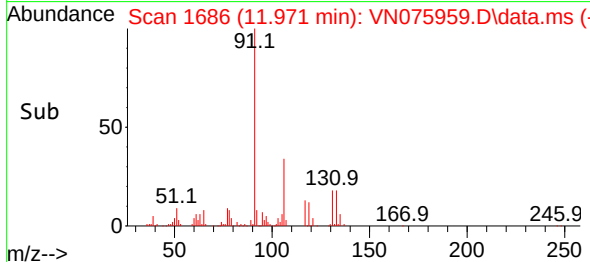
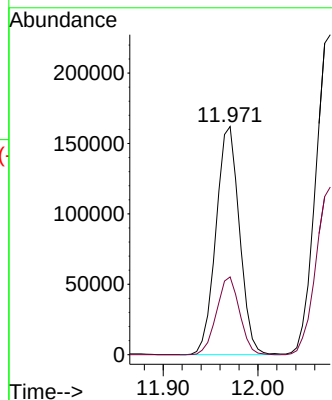
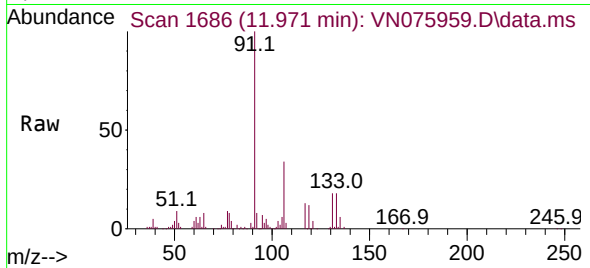




#67
Ethyl Benzene
Concen: 18.635 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

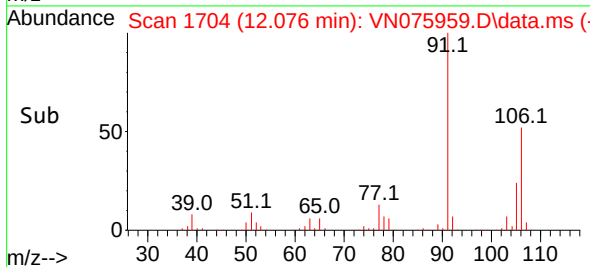
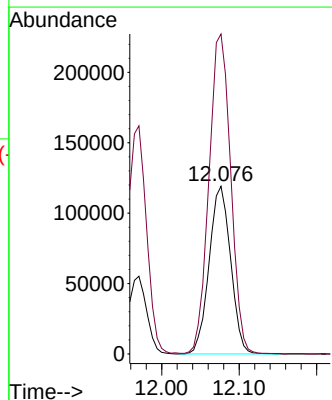
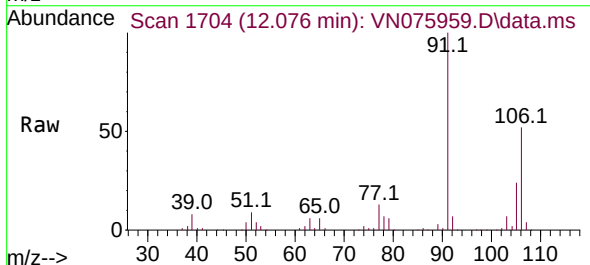
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

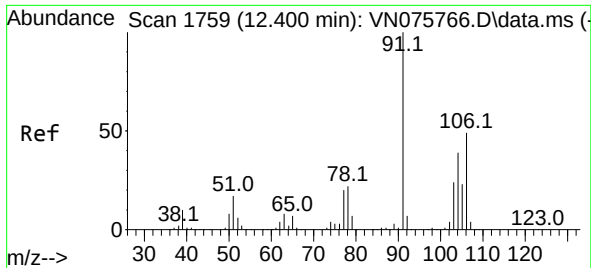
Tgt Ion: 91 Resp: 279590
Ion Ratio Lower Upper
91 100
106 34.1 25.7 38.5



#68
m/p-Xylenes
Concen: 38.599 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion:106 Resp: 229213
Ion Ratio Lower Upper
106 100
91 193.7 156.6 235.0

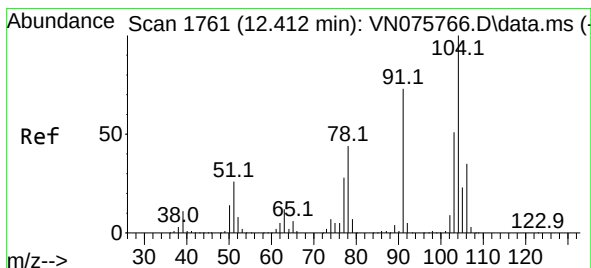
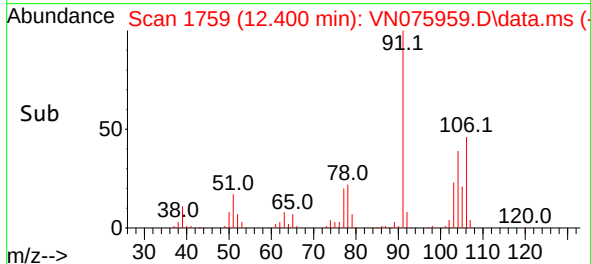
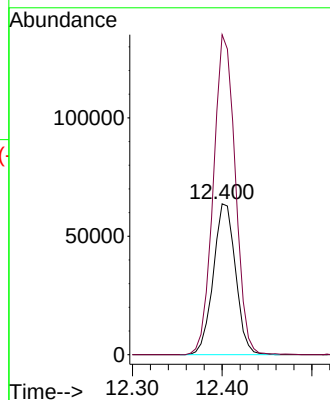
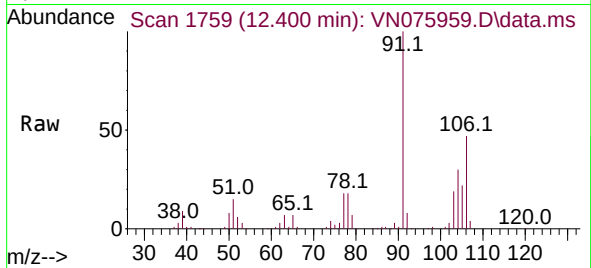




#69
o-Xylene
Concen: 18.672 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

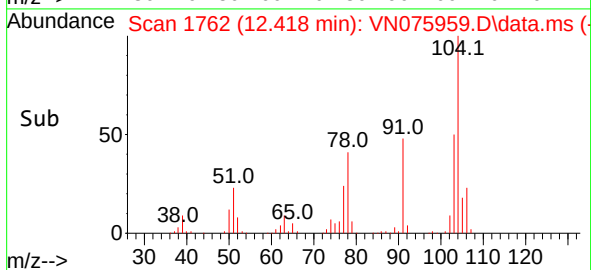
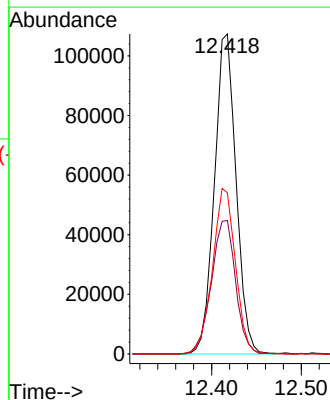
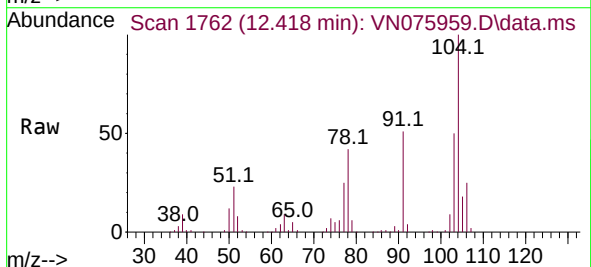
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

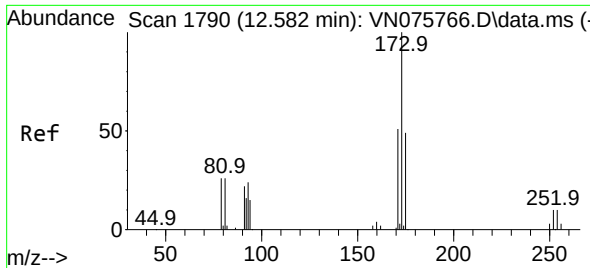
Tgt Ion:106 Resp: 109728
Ion Ratio Lower Upper
106 100
91 209.3 103.8 311.6



#70
Styrene
Concen: 19.255 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion:104 Resp: 179915
Ion Ratio Lower Upper
104 100
78 46.7 37.5 56.3
103 54.7 43.5 65.3

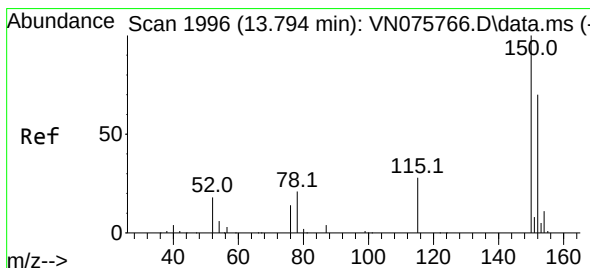
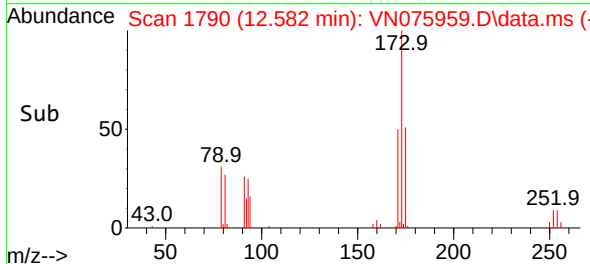
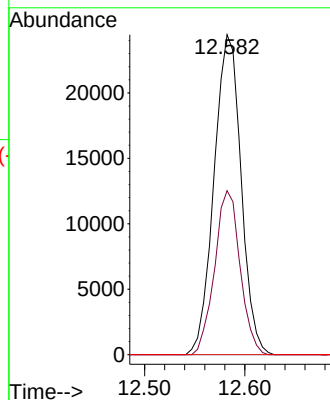
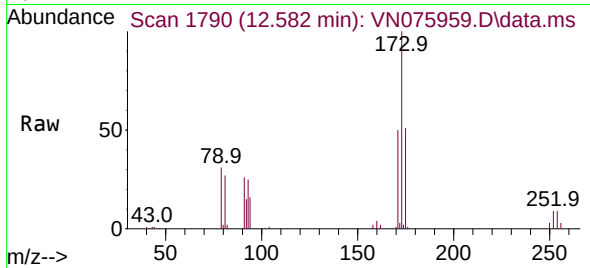




#71
Bromoform
Concen: 19.103 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

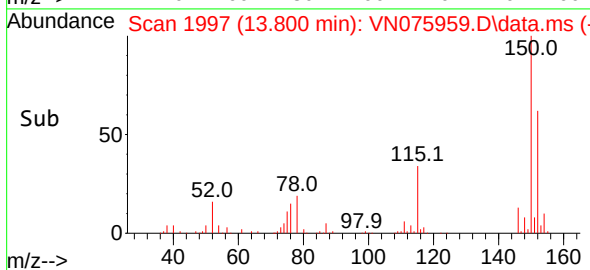
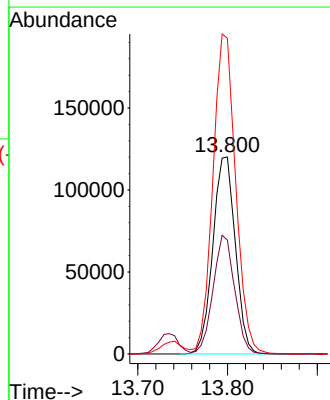
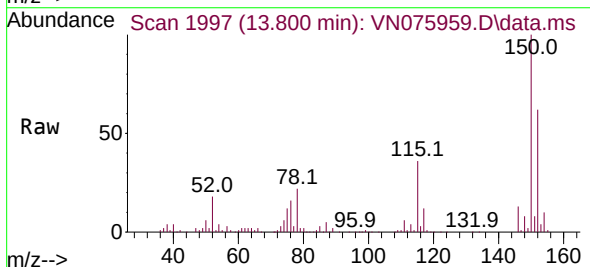
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

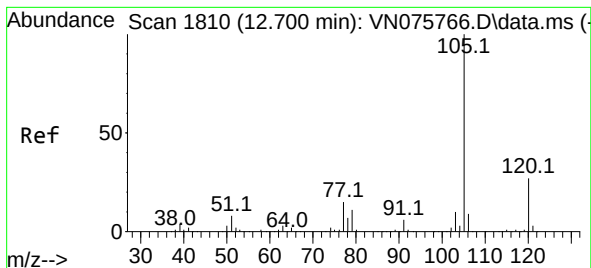
Tgt Ion:173 Resp: 45770
Ion Ratio Lower Upper
173 100
175 48.3 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion:152 Resp: 209557
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.4
150 164.2 0.0 347.0





#73

Isopropylbenzene

Concen: 19.009 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

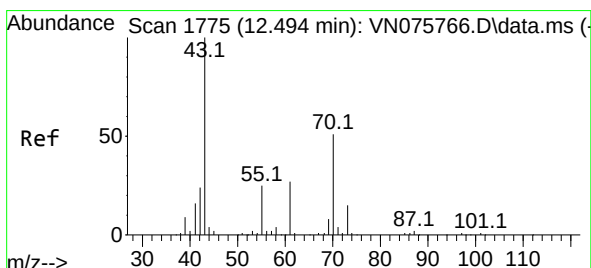
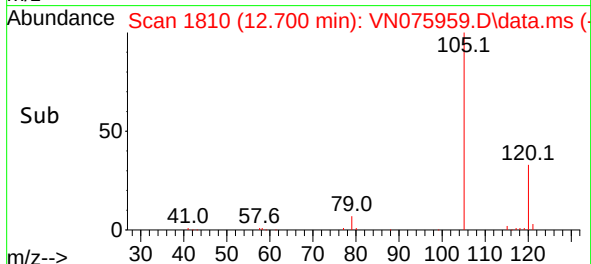
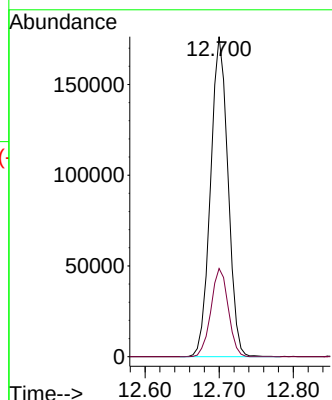
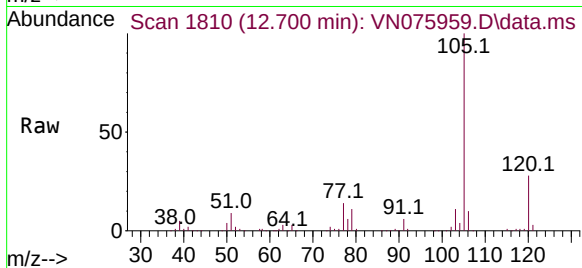
VN1223WBS01

Tgt Ion:105 Resp: 287866

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 18.983 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Tgt Ion: 43 Resp: 84333

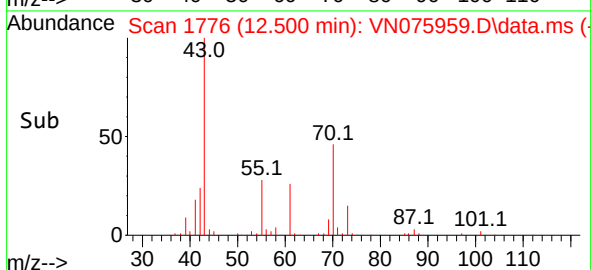
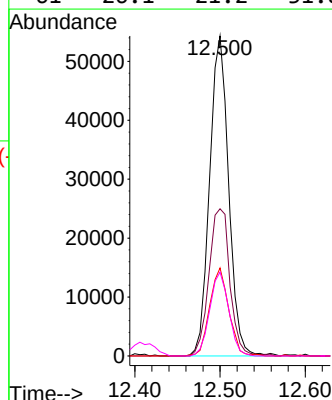
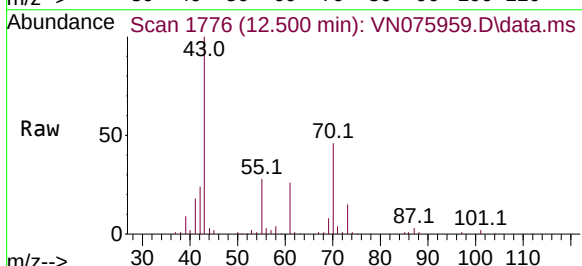
Ion Ratio Lower Upper

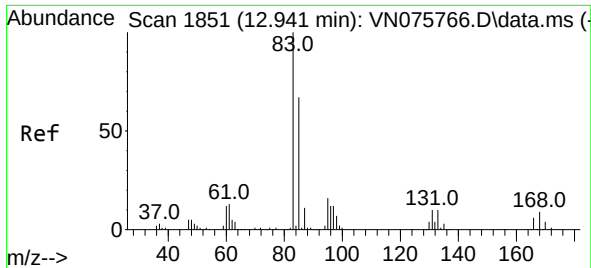
43 100

70 50.8 41.4 62.0

55 27.6 21.3 31.9

61 26.1 21.2 31.8

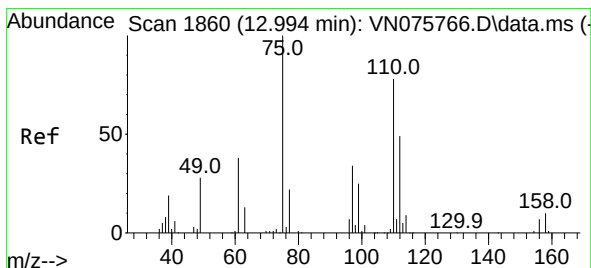
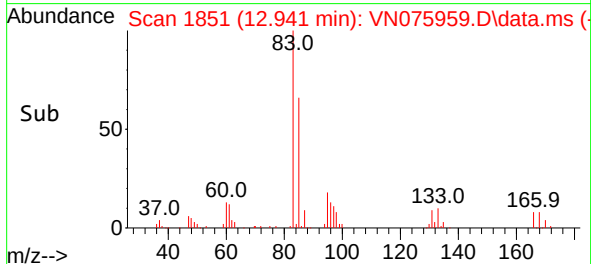
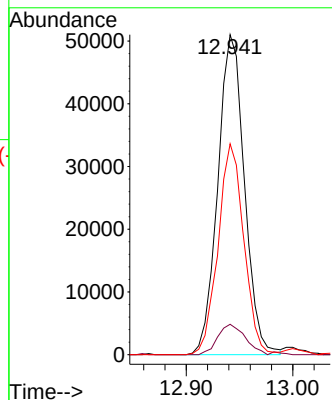
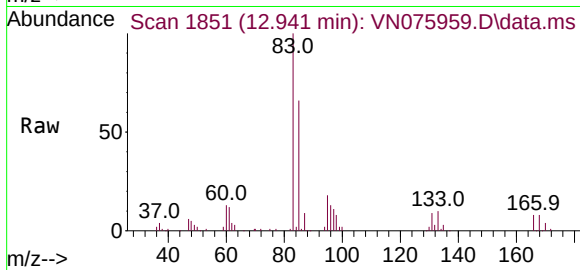




#75
1,1,2,2-Tetrachloroethane
Concen: 18.916 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

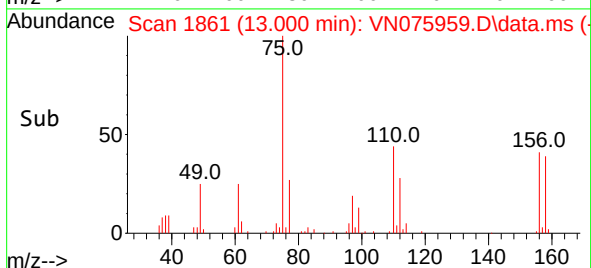
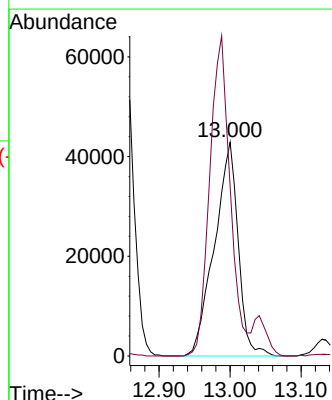
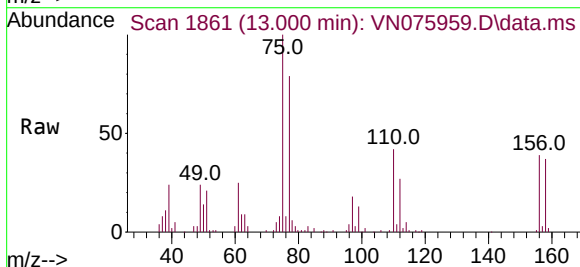
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

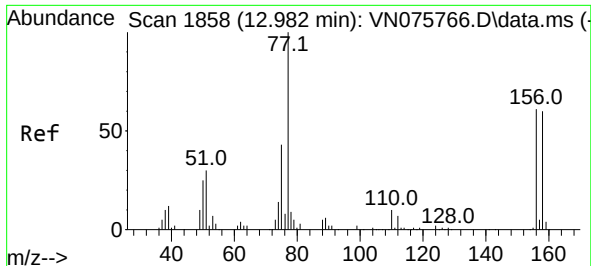
Tgt Ion: 83 Resp: 88554
Ion Ratio Lower Upper
83 100
131 9.8 5.6 16.8
85 63.6 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 23.540 ug/l
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 75 Resp: 99436
Ion Ratio Lower Upper
75 100
77 128.5 82.6 247.8

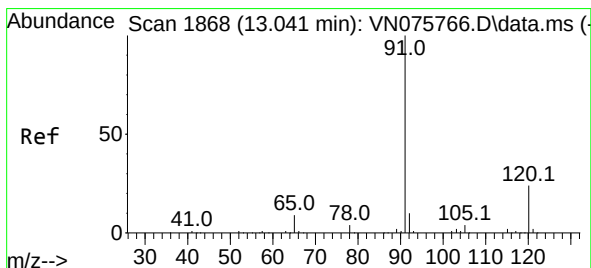
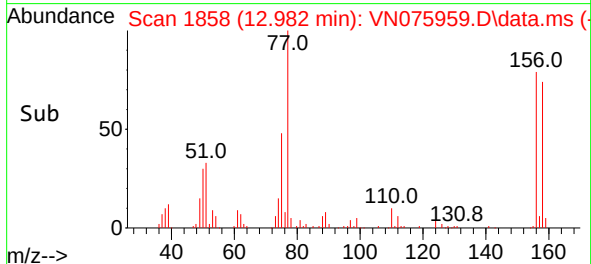
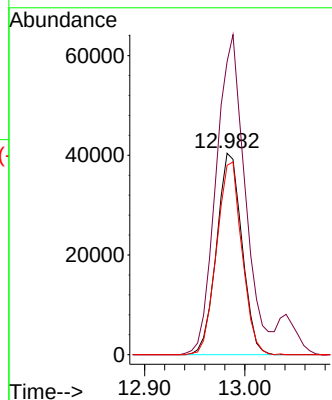
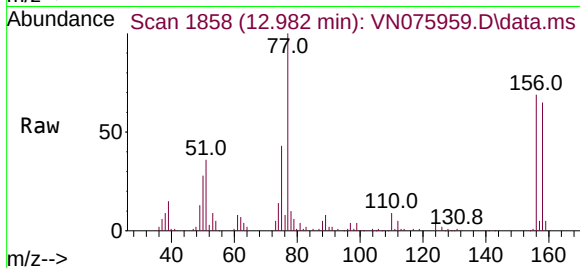




#77
Bromobenzene
Concen: 18.550 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

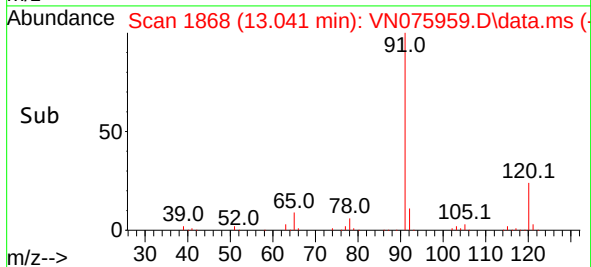
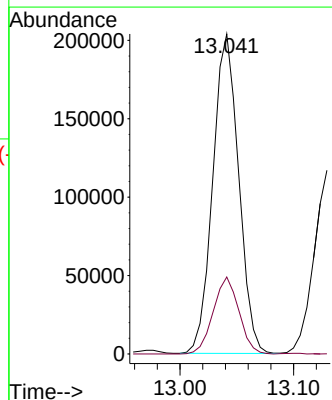
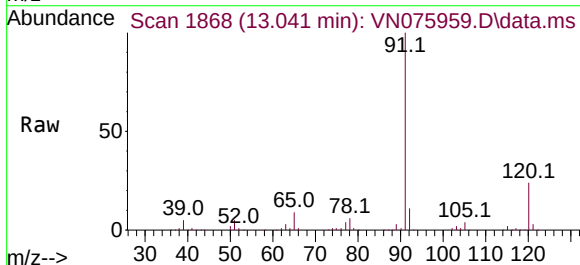
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

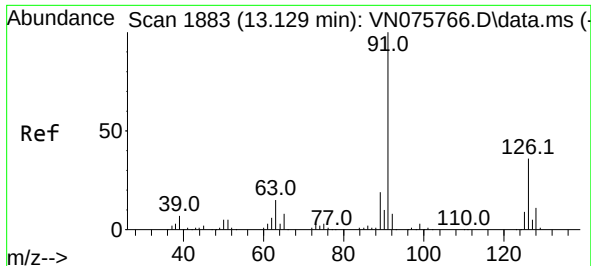
Tgt Ion:156 Resp: 71093
Ion Ratio Lower Upper
156 100
77 179.7 93.8 281.3
158 95.1 48.9 146.6



#78
n-propylbenzene
Concen: 19.261 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 91 Resp: 321698
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.1

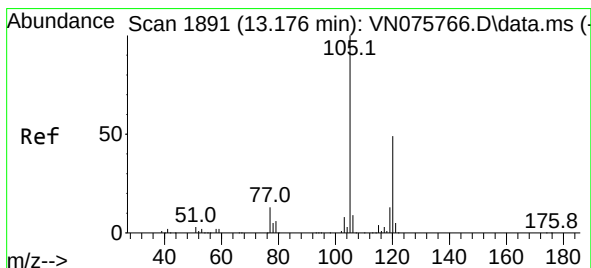
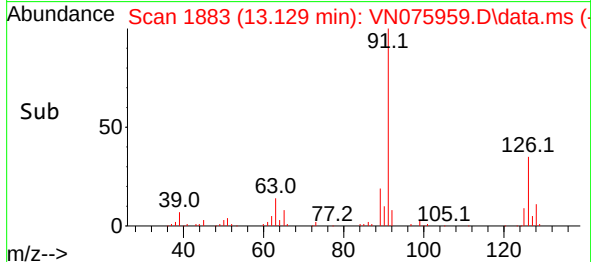
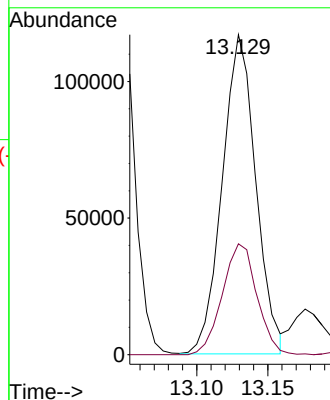
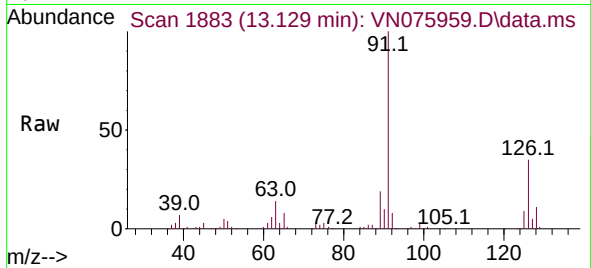




#79
2-Chlorotoluene
Concen: 18.403 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

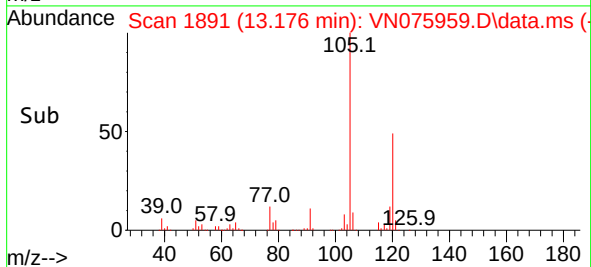
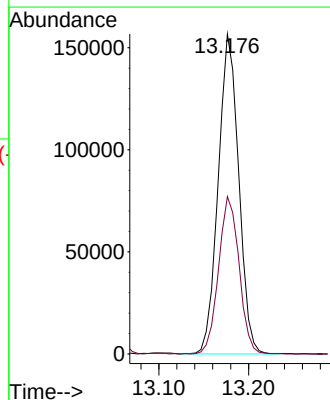
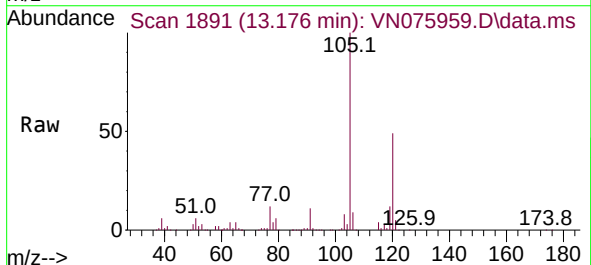
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

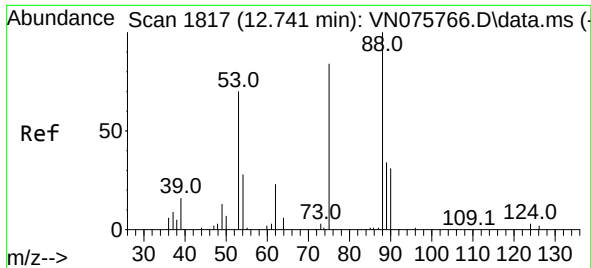
Tgt Ion: 91 Resp: 191868
Ion Ratio Lower Upper
91 100
126 35.8 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 19.605 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 105 Resp: 248477
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1

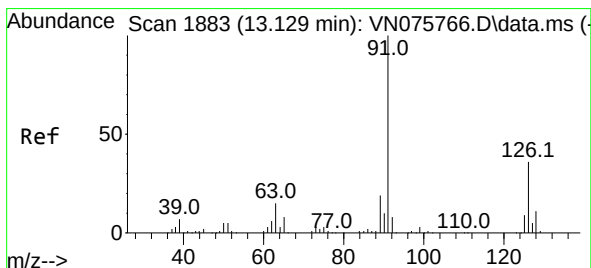
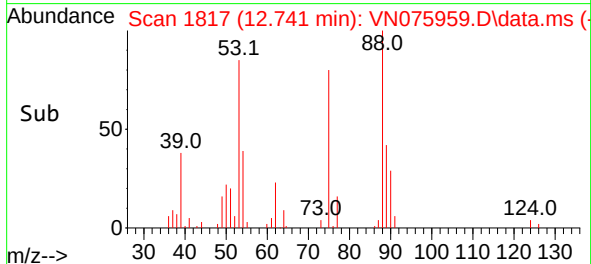
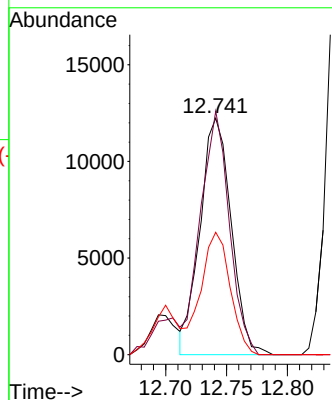
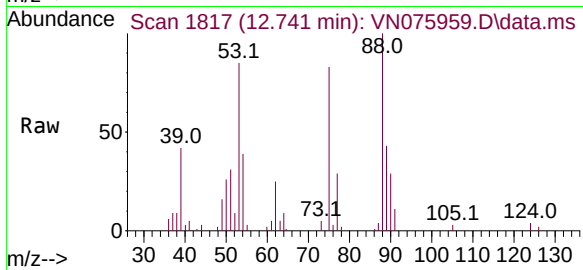




#81
trans-1,4-Dichloro-2-butene
Concen: 18.555 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

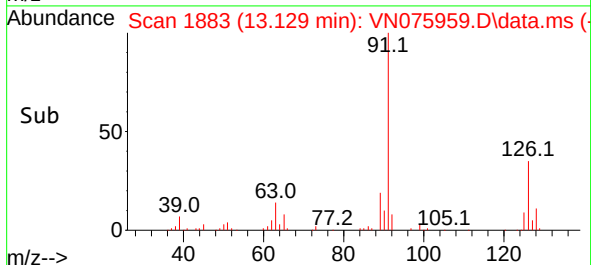
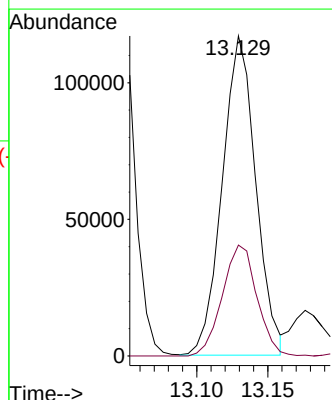
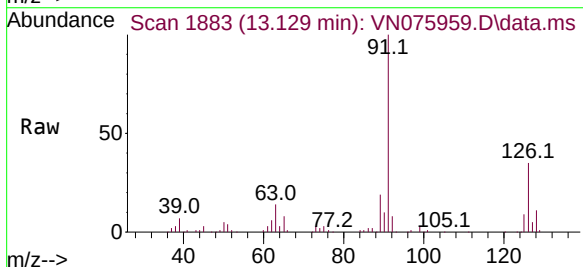
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

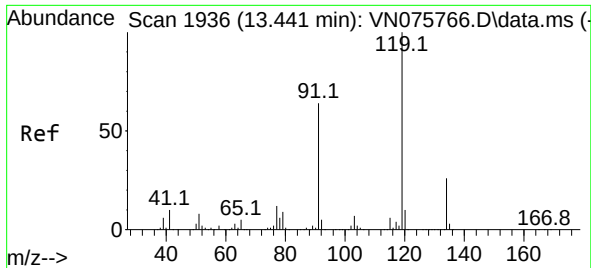
Tgt Ion: 75 Resp: 21775
Ion Ratio Lower Upper
75 100
53 95.7 73.8 110.6
89 49.7 39.5 59.3



#82
4-Chlorotoluene
Concen: 18.403 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion: 91 Resp: 191868
Ion Ratio Lower Upper
91 100
126 35.8 17.5 52.5

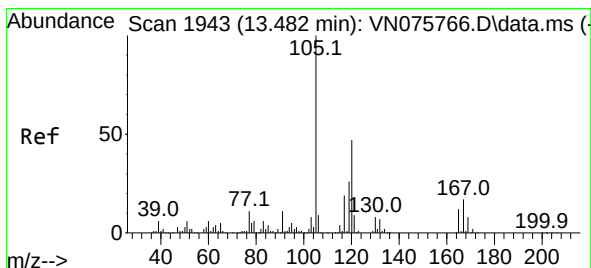
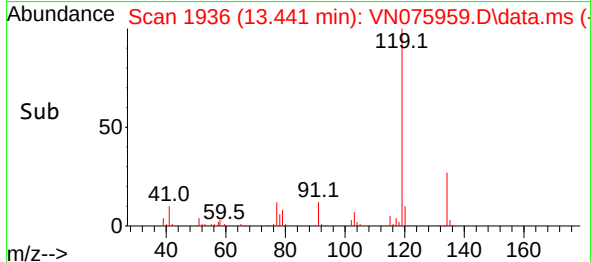
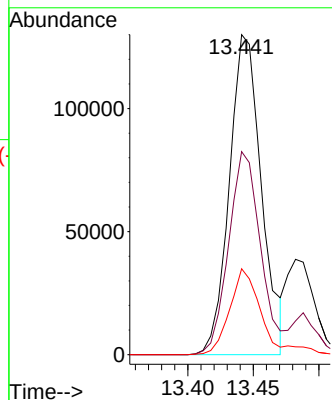
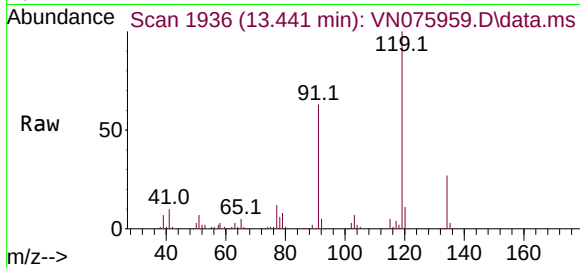




#83
tert-Butylbenzene
Concen: 19.831 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

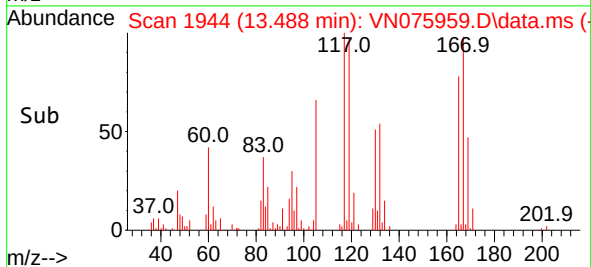
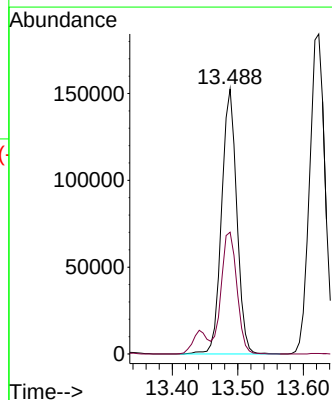
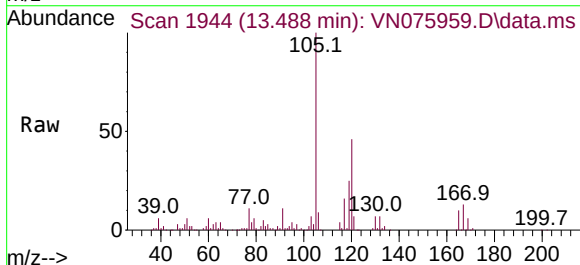
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

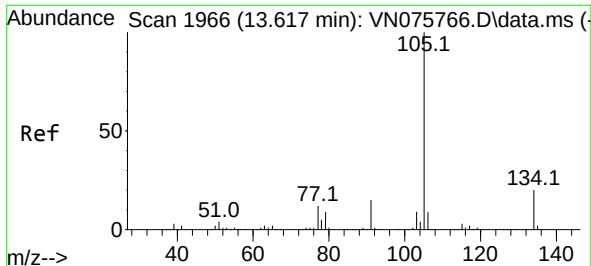
Tgt Ion:119 Resp: 221608
Ion Ratio Lower Upper
119 100
91 62.8 31.9 95.5
134 26.9 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 19.424 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion:105 Resp: 244225
Ion Ratio Lower Upper
105 100
120 47.5 23.3 69.8

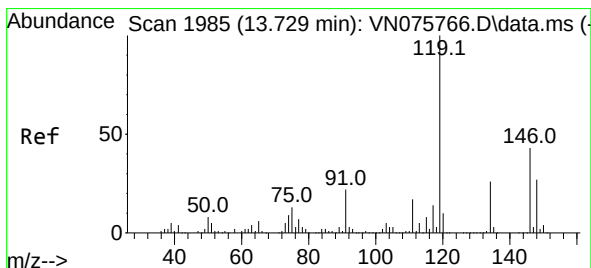
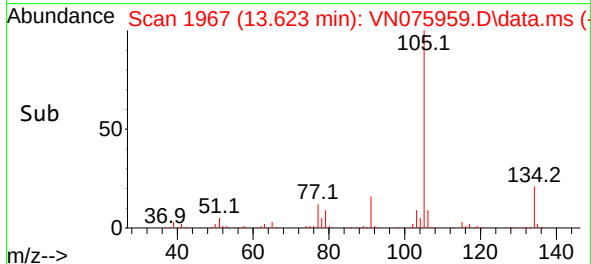
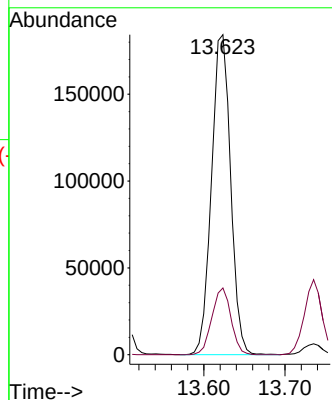
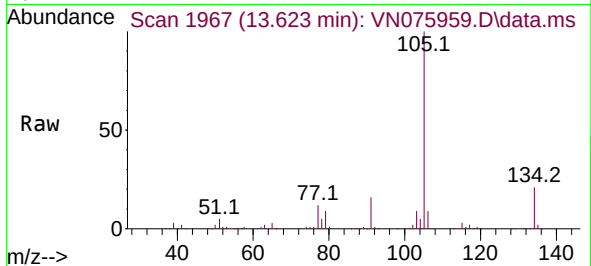




#85
 sec-Butylbenzene
 Concen: 19.571 ug/l
 RT: 13.623 min Scan# 1966
 Delta R.T. 0.006 min
 Lab File: VN075959.D
 Acq: 23 Dec 2022 12:21

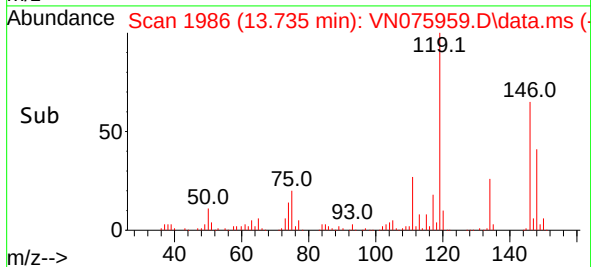
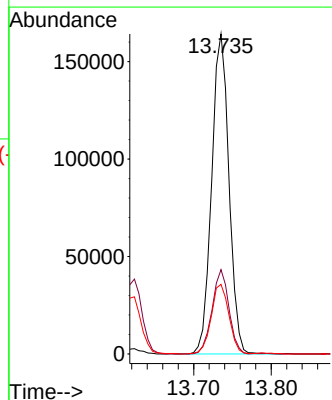
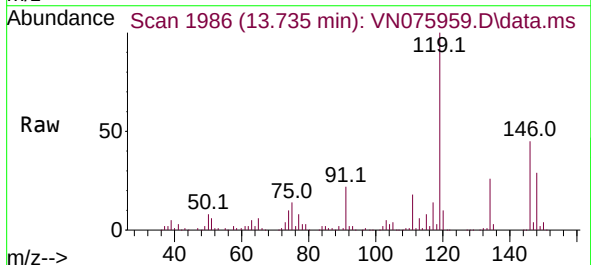
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS01

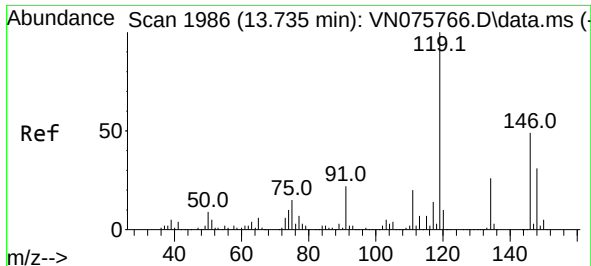
Tgt Ion:105 Resp: 301853
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.802 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075959.D
 Acq: 23 Dec 2022 12:21

Tgt Ion:119 Resp: 254137
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 22.4 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 17.979 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

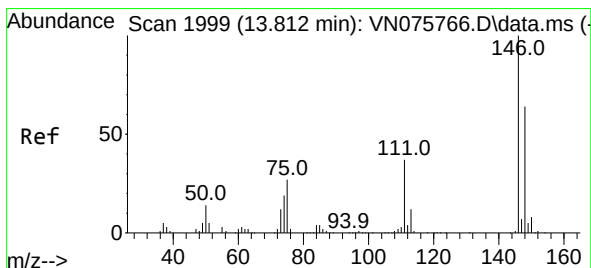
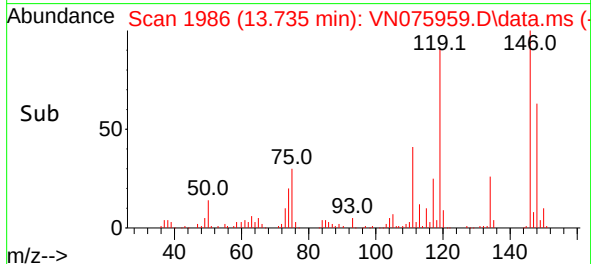
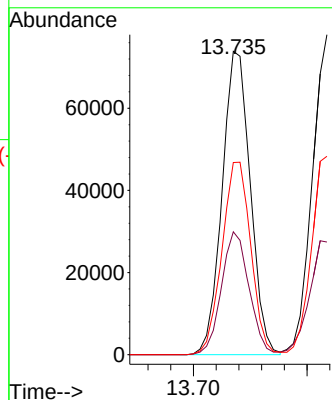
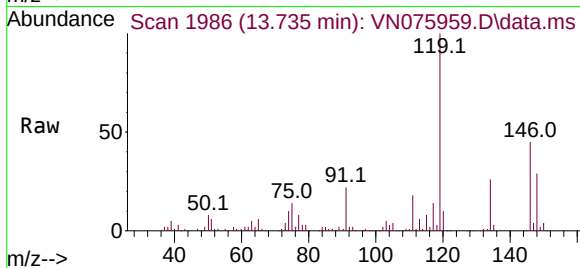
Tgt Ion:146 Resp: 127279

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 65.1 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 17.824 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

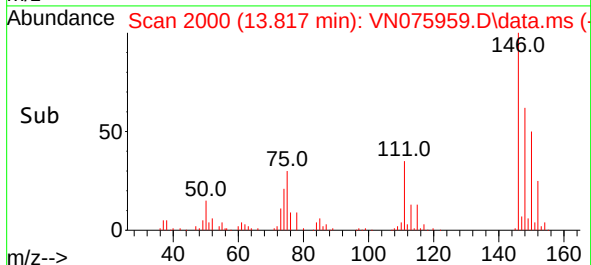
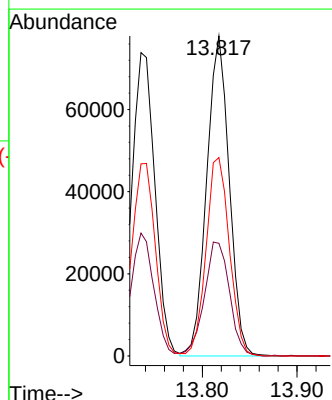
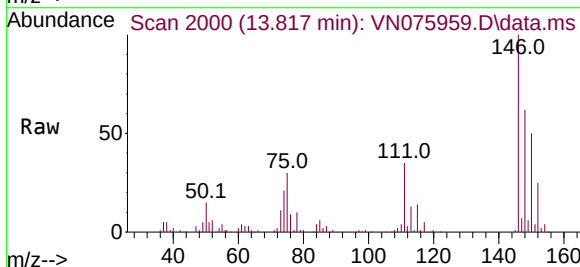
Tgt Ion:146 Resp: 128901

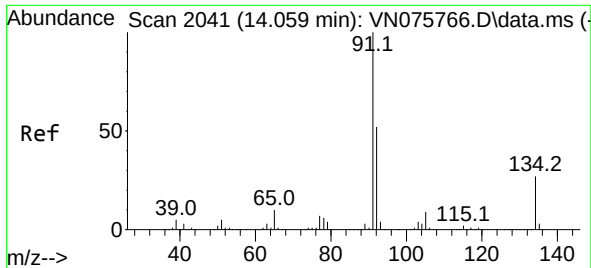
Ion Ratio Lower Upper

146 100

111 39.8 19.1 57.1

148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 18.889 ug/l

RT: 14.065 min Scan# 2042

Delta R.T. 0.006 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

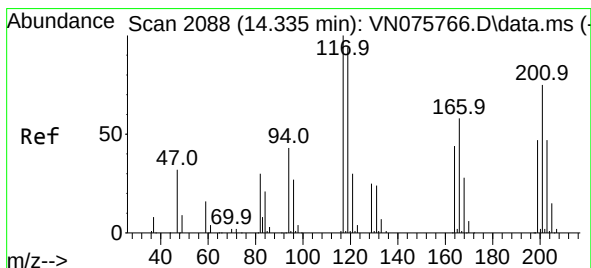
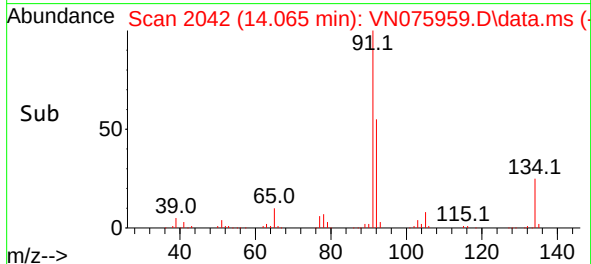
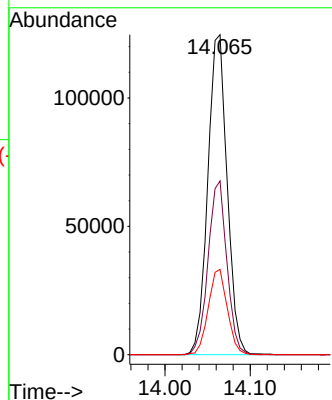
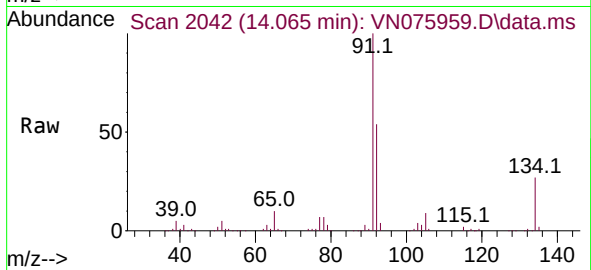
Tgt Ion: 91 Resp: 196391

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 26.2 13.4 40.2



#90

Hexachloroethane

Concen: 19.066 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075959.D

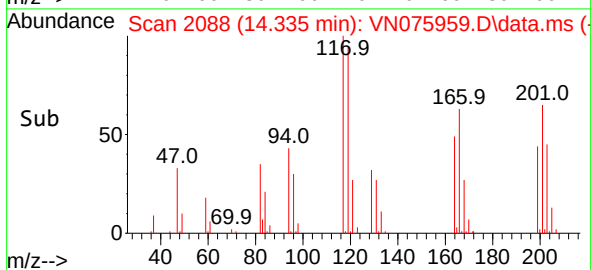
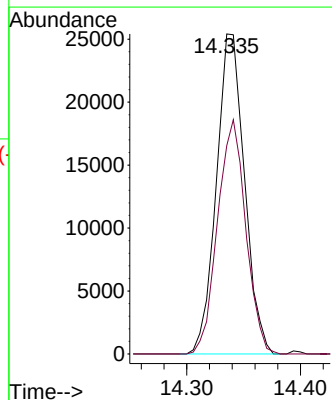
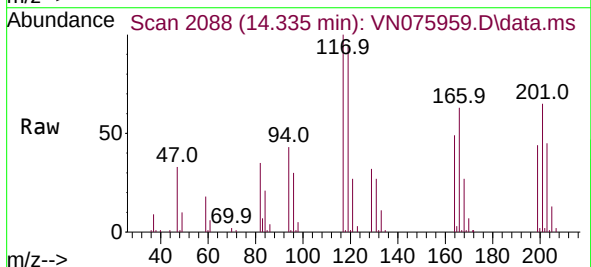
Acq: 23 Dec 2022 12:21

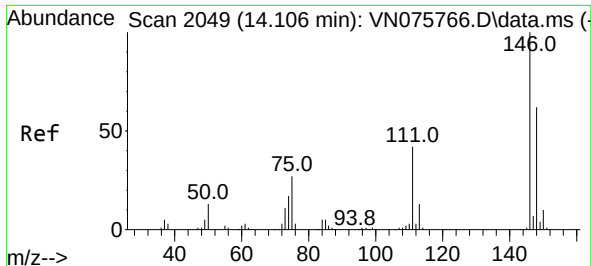
Tgt Ion: 117 Resp: 43771

Ion Ratio Lower Upper

117 100

201 73.2 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 18.968 ug/l

RT: 14.112 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

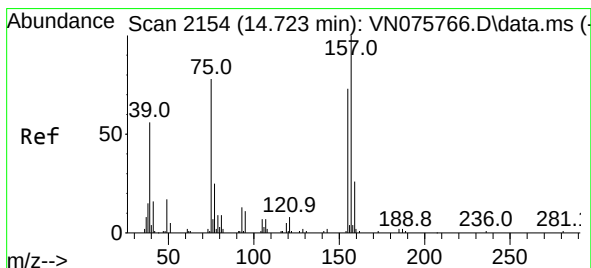
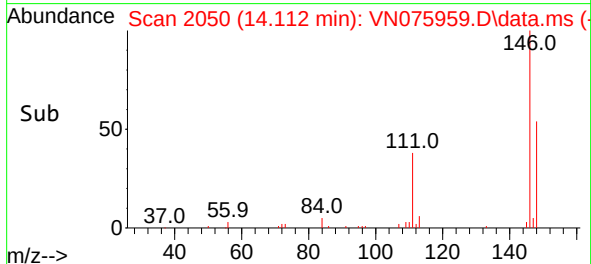
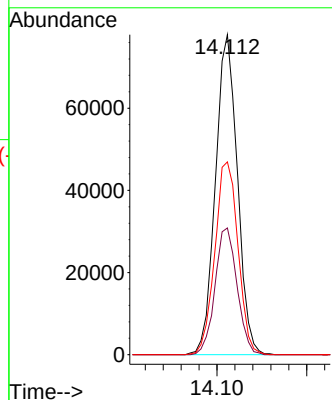
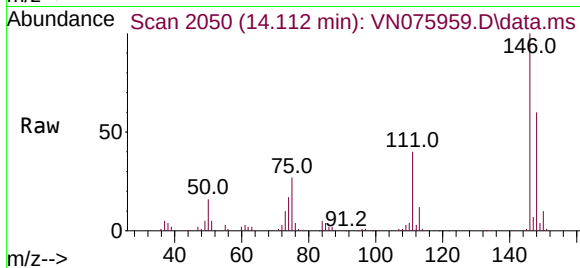
Tgt Ion:146 Resp: 132267

Ion Ratio Lower Upper

146 100

111 39.7 20.3 61.0

148 63.5 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.073 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

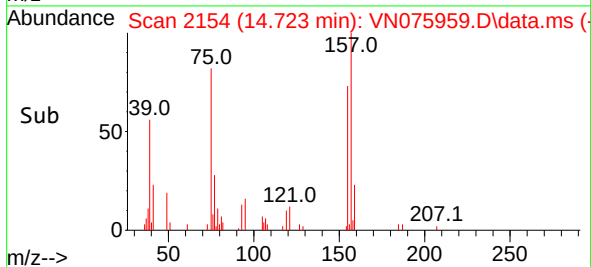
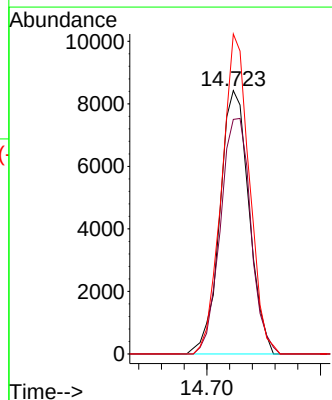
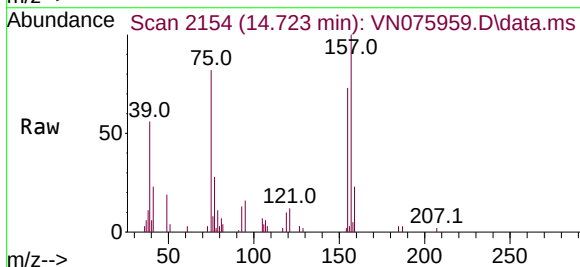
Tgt Ion: 75 Resp: 15013

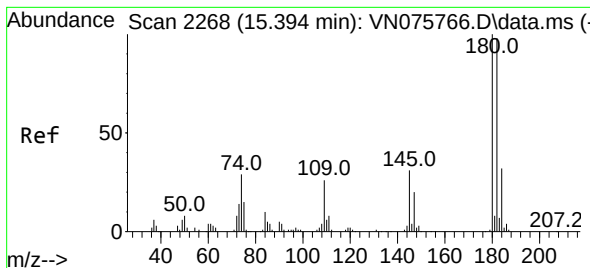
Ion Ratio Lower Upper

75 100

155 92.8 49.3 147.8

157 114.7 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 16.795 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBS01

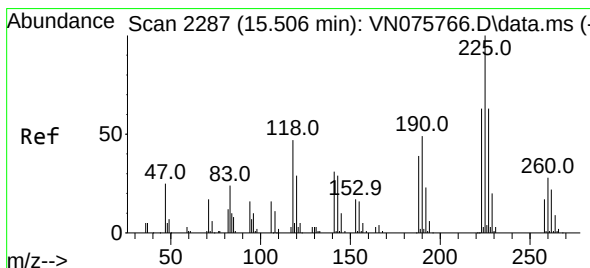
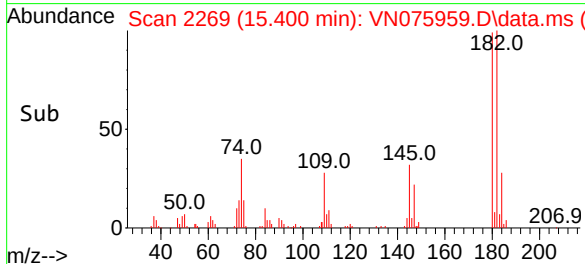
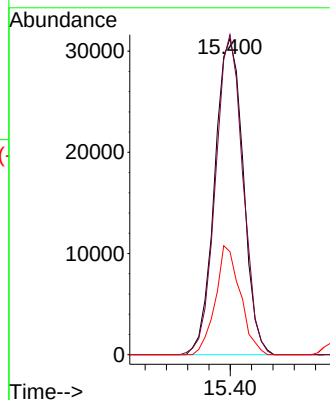
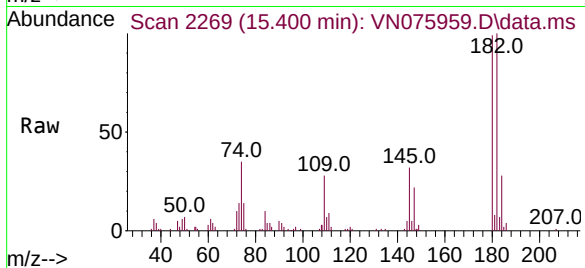
Tgt Ion:180 Resp: 57980

Ion Ratio Lower Upper

180 100

182 97.3 47.5 142.5

145 30.1 15.3 45.8



#94

Hexachlorobutadiene

Concen: 18.383 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN075959.D

Acq: 23 Dec 2022 12:21

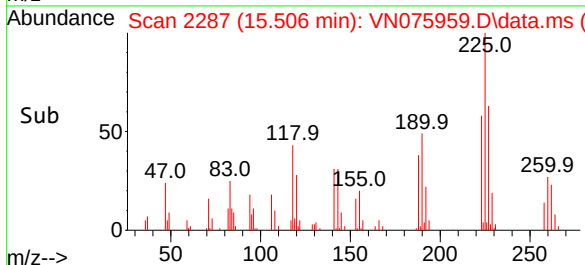
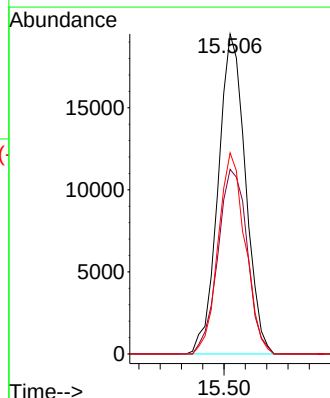
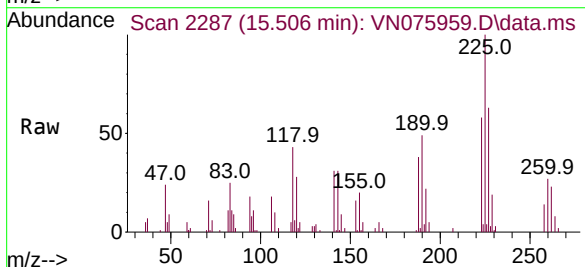
Tgt Ion:225 Resp: 34625

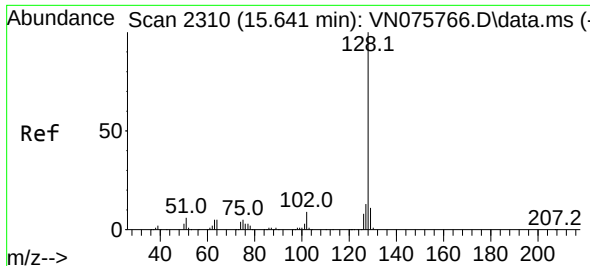
Ion Ratio Lower Upper

225 100

223 62.0 31.5 94.5

227 62.4 31.6 95.0

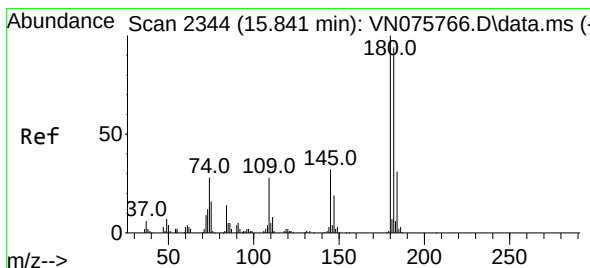
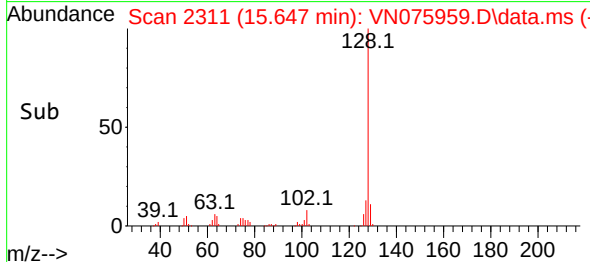
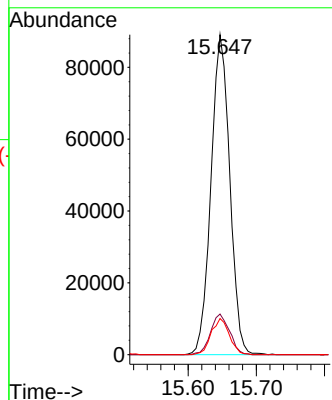
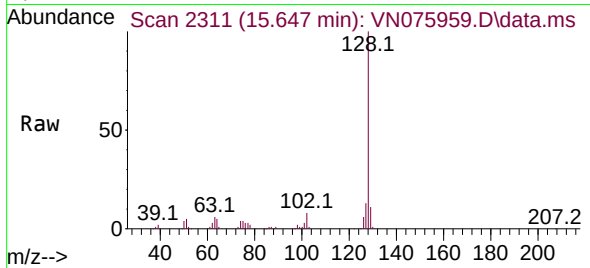




#95
Naphthalene
Concen: 16.497 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Tgt Ion:128 Resp: 170749
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.484 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075959.D
Acq: 23 Dec 2022 12:21

Tgt Ion:180 Resp: 56414
Ion Ratio Lower Upper
180 100
182 97.6 47.0 141.0
145 31.7 16.0 47.9

