

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075912.D
 Acq On : 21 Dec 2022 12:17
 Operator : JC\MD
 Sample : VN1221MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Quant Time: Dec 21 14:15:33 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	324880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	455423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	178940	50.628	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.260%	
35) Dibromofluoromethane	8.171	113	163596	51.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.320%	
50) Toluene-d8	10.571	98	603095	50.444	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	12.853	95	206176	52.067	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	38420	16.655	ug/l	99
3) Chloromethane	2.371	50	45252	15.776	ug/l	97
4) Vinyl Chloride	2.530	62	55447	16.205	ug/l	94
5) Bromomethane	2.954	94	49061	16.872	ug/l	97
6) Chloroethane	3.130	64	42629	16.824	ug/l	98
7) Trichlorofluoromethane	3.507	101	92266	17.771	ug/l	95
8) Diethyl Ether	3.977	74	36554	19.276	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	54414	18.354	ug/l	96
10) Methyl Iodide	4.601	142	84510	17.565	ug/l	100
11) Tert butyl alcohol	5.542	59	47961	95.900	ug/l	98
12) 1,1-Dichloroethene	4.354	96	50566	17.561	ug/l	97
13) Acrolein	4.195	56	82918	135.239	ug/l	99
14) Allyl chloride	5.036	41	59892	17.793	ug/l	92
15) Acrylonitrile	5.736	53	127856	93.683	ug/l	99
16) Acetone	4.448	43	114853	94.267	ug/l	99
17) Carbon Disulfide	4.724	76	111280	15.962	ug/l	97
18) Methyl Acetate	5.042	43	68632	19.057	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	185158	19.527	ug/l	97
20) Methylene Chloride	5.289	84	60798	18.247	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	56064	17.779	ug/l	95
22) Diisopropyl ether	6.683	45	161233	19.718	ug/l	97
23) Vinyl Acetate	6.612	43	538713	97.884	ug/l	98
24) 1,1-Dichloroethane	6.583	63	100811	18.486	ug/l	99
25) 2-Butanone	7.494	43	170057	99.685	ug/l	96
26) 2,2-Dichloropropane	7.494	77	88428	19.148	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	71360	18.921	ug/l	98
28) Bromochloromethane	7.824	49	41560	17.388	ug/l	100
29) Tetrahydrofuran	7.847	42	105523	98.705	ug/l	97
30) Chloroform	7.971	83	112712	18.357	ug/l	96
31) Cyclohexane	8.265	56	87182	17.223	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	100215	18.411	ug/l	96
36) 1,1-Dichloropropene	8.377	75	78829	18.558	ug/l	99
37) Ethyl Acetate	7.571	43	64062	18.776	ug/l	97
38) Carbon Tetrachloride	8.371	117	87804	18.469	ug/l	97
39) Methylcyclohexane	9.606	83	99049	19.328	ug/l	97
40) Benzene	8.612	78	243639	18.590	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	35008	19.739	ug/l	98
42) 1,2-Dichloroethane	8.677	62	82819	19.008	ug/l	99
43) Isopropyl Acetate	8.694	43	111897	19.881	ug/l	99
44) Trichloroethene	9.353	130	65315	17.690	ug/l	100
45) 1,2-Dichloropropane	9.624	63	61407	19.254	ug/l	97
46) Dibromomethane	9.712	93	44057	18.625	ug/l	97
47) Bromodichloromethane	9.894	83	89250	19.240	ug/l	98
48) Methyl methacrylate	9.683	41	50634	19.974	ug/l	98
49) 1,4-Dioxane	9.700	88	25504	409.241	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	345057	101.375	ug/l	98
52) Toluene	10.630	92	162753	19.068	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	87601	19.292	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	98744	19.806	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	65570	19.572	ug/l	98
56) Ethyl methacrylate	10.877	69	90343	20.302	ug/l	97
57) 1,3-Dichloropropane	11.165	76	107255	19.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	139186	98.240	ug/l	100
59) 2-Hexanone	11.200	43	249685	100.587	ug/l	100
60) Dibromochloromethane	11.359	129	71442	19.175	ug/l	99
61) 1,2-Dibromoethane	11.471	107	66152	19.512	ug/l	99
64) Tetrachloroethene	11.106	164	62146	19.392	ug/l	96
65) Chlorobenzene	11.894	112	173499	18.561	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	66972	19.343	ug/l	99
67) Ethyl Benzene	11.965	91	306998	19.460	ug/l	99
68) m/p-Xylenes	12.077	106	247570	39.648	ug/l	99
69) o-Xylene	12.400	106	123074	19.917	ug/l	99
70) Styrene	12.412	104	201466	20.505	ug/l	98
71) Bromoform	12.582	173	49749	19.747	ug/l #	98
73) Isopropylbenzene	12.700	105	316419	19.493	ug/l	100
74) N-amyl acetate	12.494	43	96251	20.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	93228	18.579	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	108706	24.008	ug/l	74
77) Bromobenzene	12.982	156	76491	18.620	ug/l	98
78) n-propylbenzene	13.041	91	352682	19.699	ug/l	99
79) 2-Chlorotoluene	13.129	91	214245	19.171	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	267593	19.697	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28180	22.402	ug/l	91
82) 4-Chlorotoluene	13.129	91	214245	19.171	ug/l	100
83) tert-Butylbenzene	13.441	119	247146	20.633	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	272567	20.224	ug/l	99
85) sec-Butylbenzene	13.618	105	336334	20.344	ug/l	100
86) p-Isopropyltoluene	13.735	119	282819	20.559	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	144848	19.088	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	141984	18.316	ug/l	98
89) n-Butylbenzene	14.059	91	221668	19.890	ug/l	99
90) Hexachloroethane	14.335	117	47390	19.258	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	145469	19.462	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16372	18.387	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	69938	18.900	ug/l	99
94) Hexachlorobutadiene	15.506	225	36982	18.318	ug/l	96
95) Naphthalene	15.647	128	207095	18.380	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	68193	19.717	ug/l	99

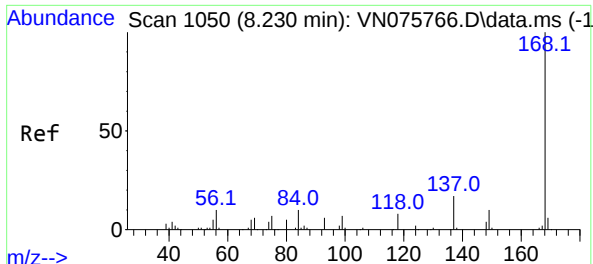
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
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QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

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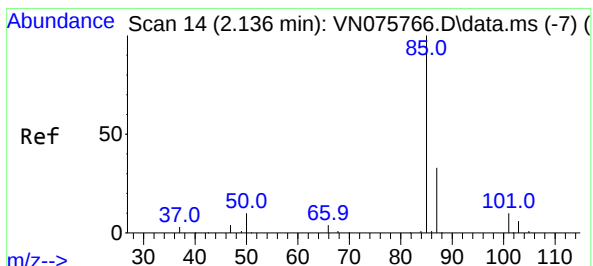
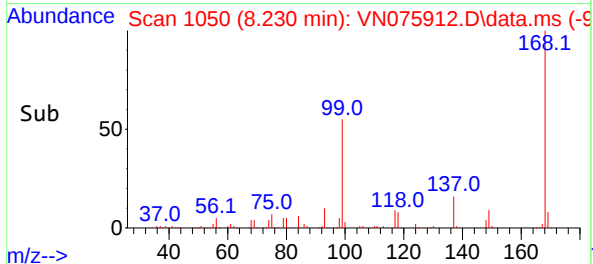
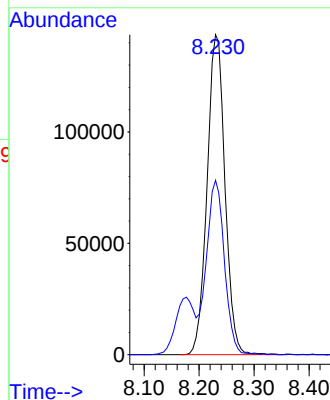
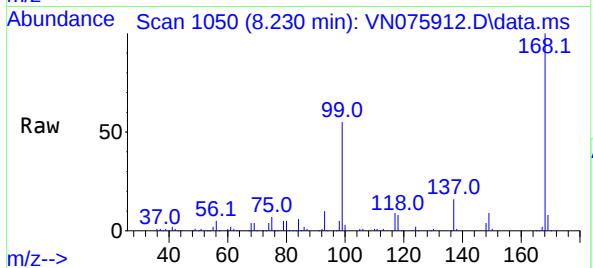
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

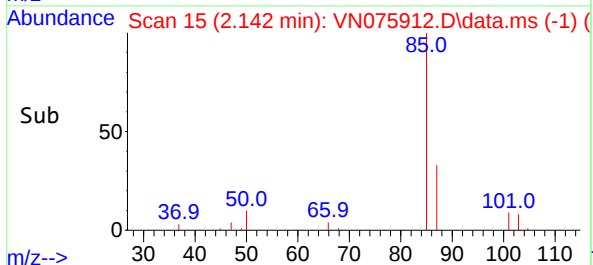
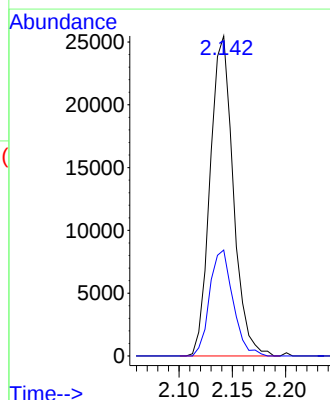
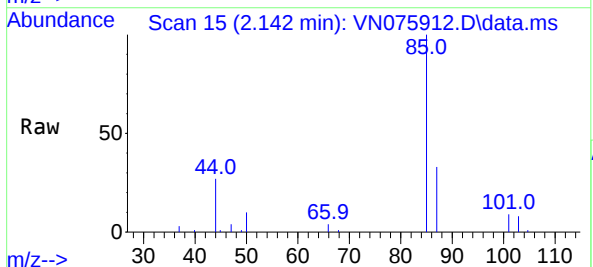
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ClientSampleId :
VN1221MBS01

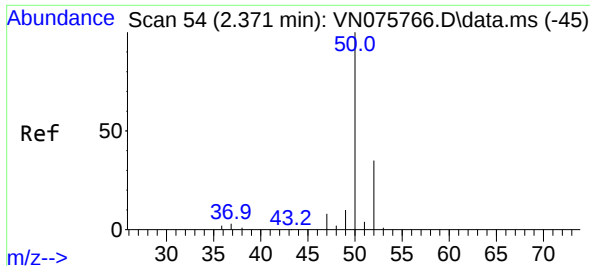
Tgt Ion:168 Resp: 324880
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 16.655 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 85 Resp: 38420
Ion Ratio Lower Upper
85 100
87 33.1 16.3 48.9

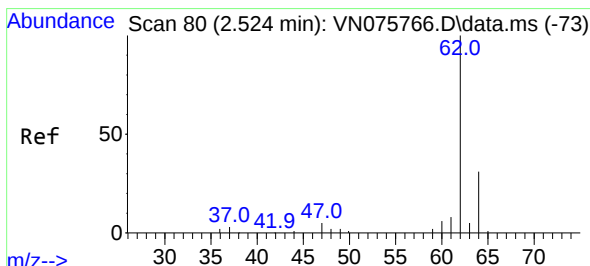
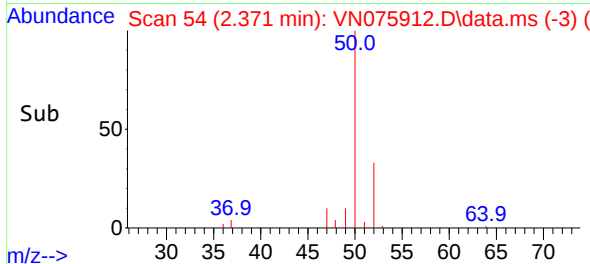
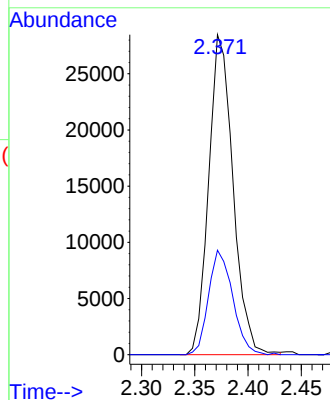
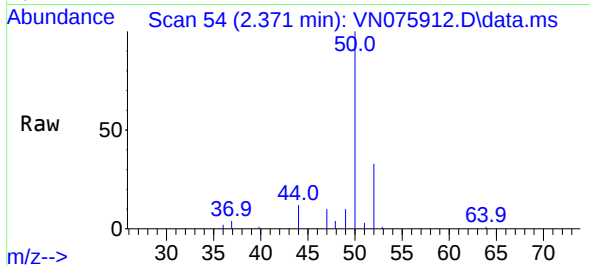




#3
Chloromethane
Concen: 15.776 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

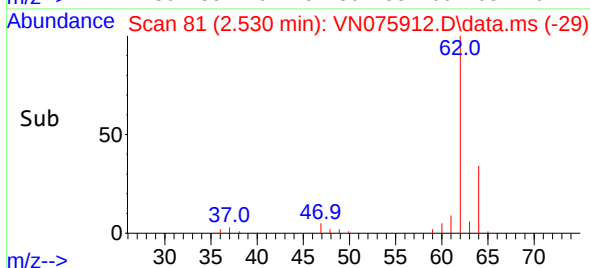
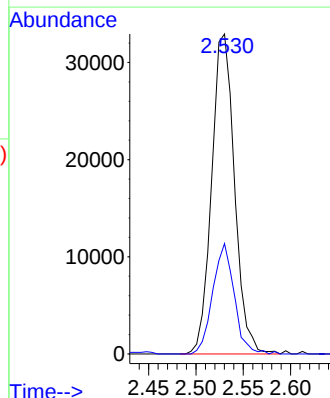
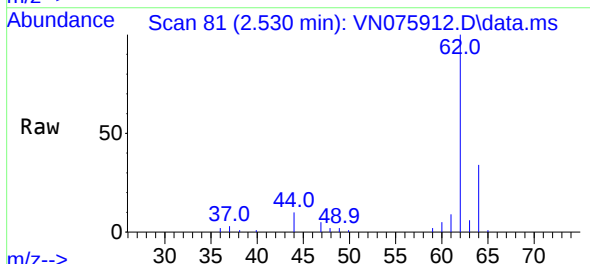
Instrument :
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ClientSampleId :
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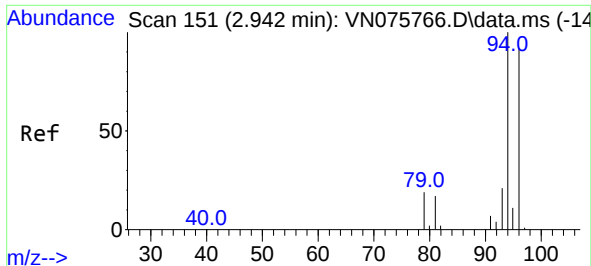
Tgt Ion: 50 Resp: 45252
Ion Ratio Lower Upper
50 100
52 32.6 27.7 41.5



#4
Vinyl Chloride
Concen: 16.205 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 62 Resp: 55447
Ion Ratio Lower Upper
62 100
64 34.5 24.9 37.3

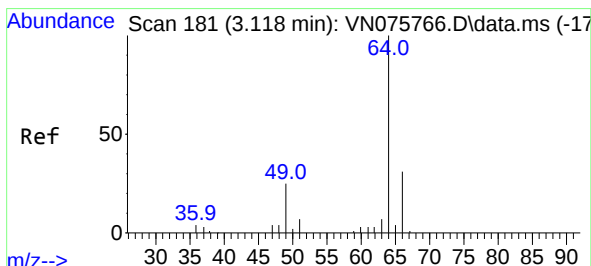
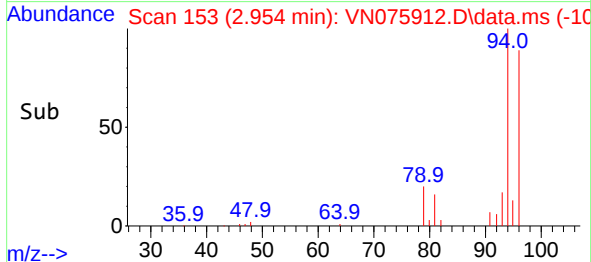
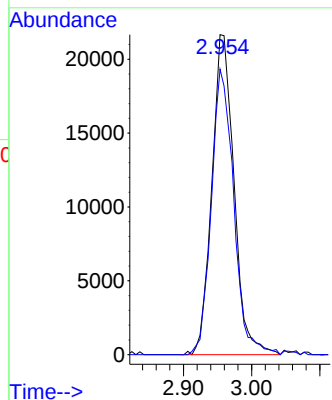
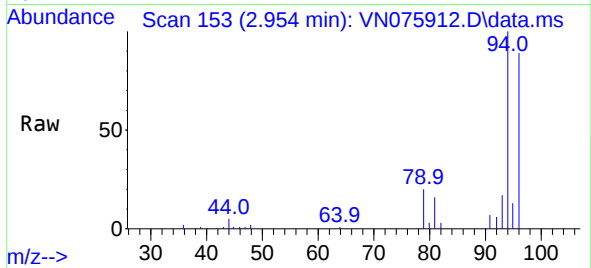




#5
Bromomethane
Concen: 16.872 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

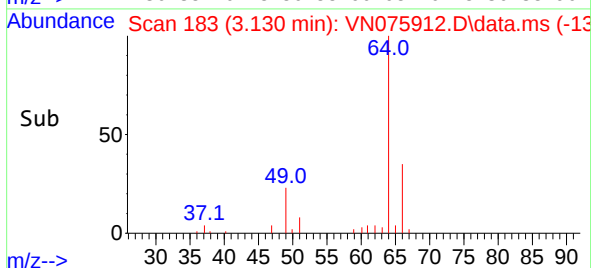
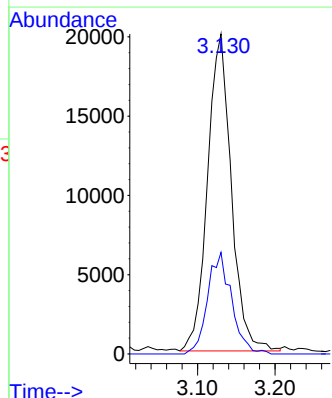
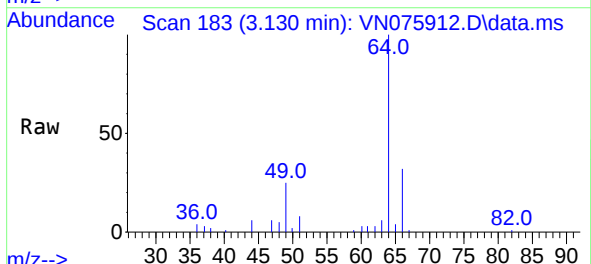
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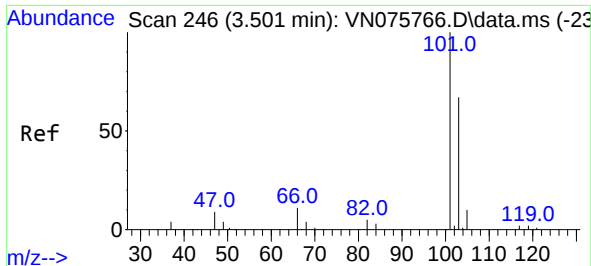
Tgt Ion: 94 Resp: 49061
Ion Ratio Lower Upper
94 100
96 89.2 73.8 110.6



#6
Chloroethane
Concen: 16.824 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 64 Resp: 42629
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8

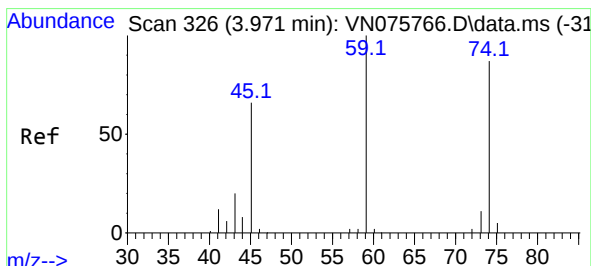
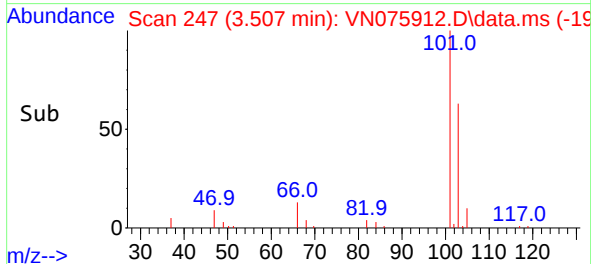
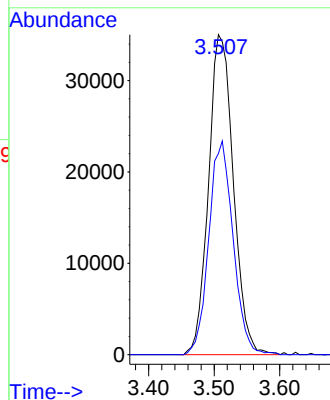
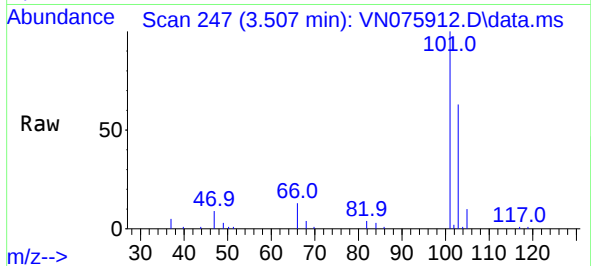




#7
 Trichlorofluoromethane
 Concen: 17.771 ug/l
 RT: 3.507 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

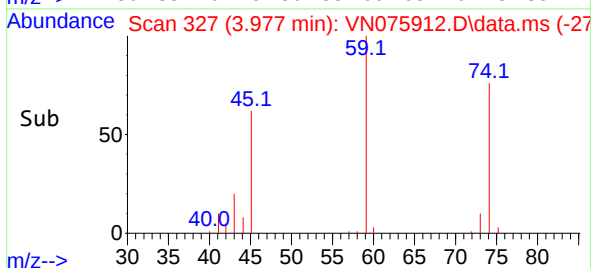
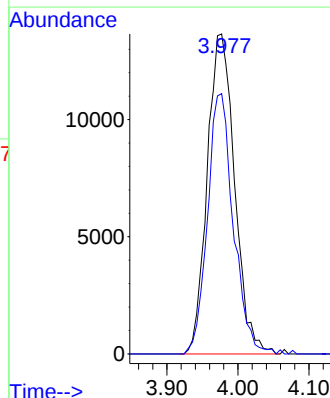
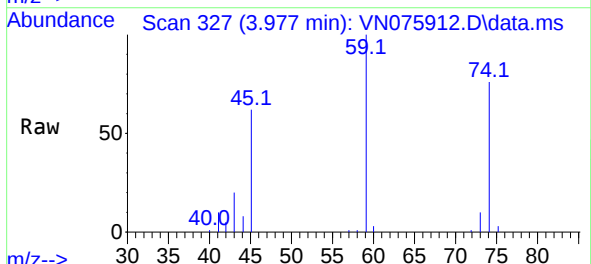
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Tgt Ion:101 Resp: 92266
 Ion Ratio Lower Upper
 101 100
 103 62.9 53.4 80.2

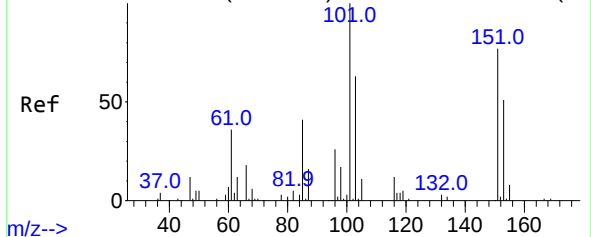


#8
 Diethyl Ether
 Concen: 19.276 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

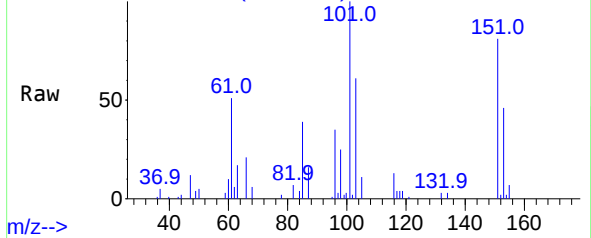
Tgt Ion: 74 Resp: 36554
 Ion Ratio Lower Upper
 74 100
 45 76.9 37.8 113.4



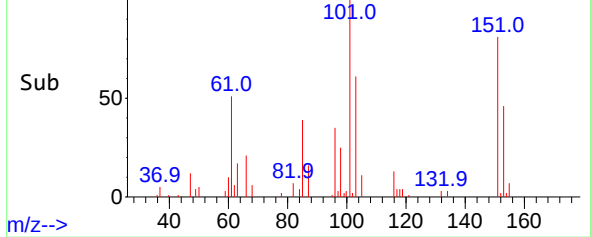
Abundance Scan 396 (4.383 min): VN075766.D\data.ms (-38



m/z--> Scan 396 (4.383 min): VN075912.D\data.ms



Abundance Scan 396 (4.383 min): VN075912.D\data.ms (-34



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.354 ug/l

RT: 4.383 min Scan# 396

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion:101 Resp: 54414

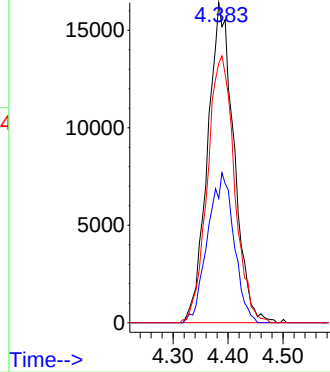
Ion Ratio Lower Upper

101 100

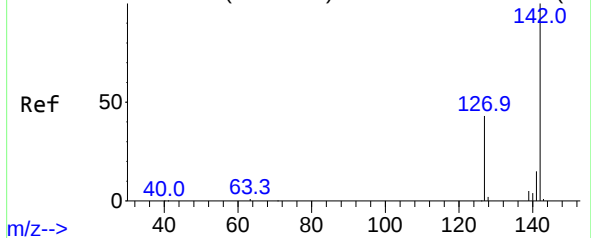
85 47.0 35.3 52.9

151 85.9 65.6 98.4

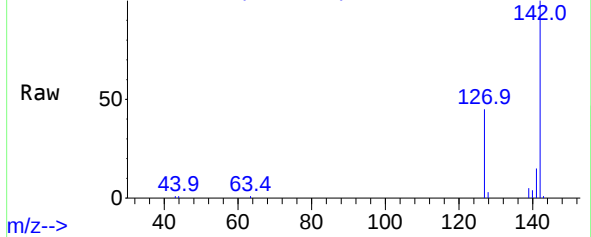
Abundance



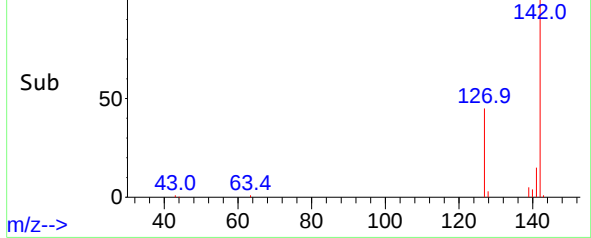
Abundance Scan 433 (4.600 min): VN075766.D\data.ms (-41



m/z--> Scan 433 (4.601 min): VN075912.D\data.ms



Abundance Scan 433 (4.601 min): VN075912.D\data.ms (-38



m/z-->

#10

Methyl Iodide

Concen: 17.565 ug/l

RT: 4.601 min Scan# 433

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Tgt Ion:142 Resp: 84510

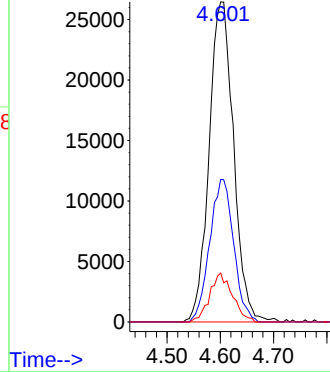
Ion Ratio Lower Upper

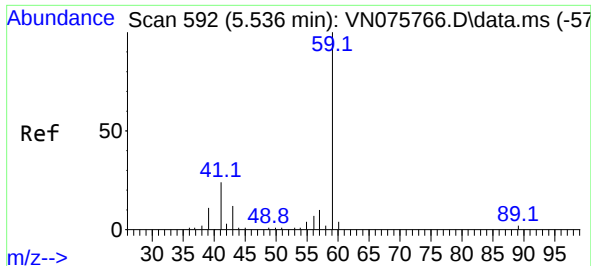
142 100

127 43.5 34.7 52.1

141 14.2 11.4 17.2

Abundance

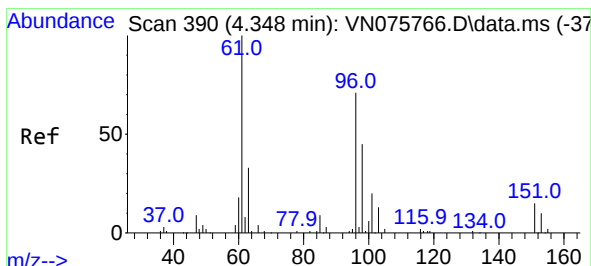
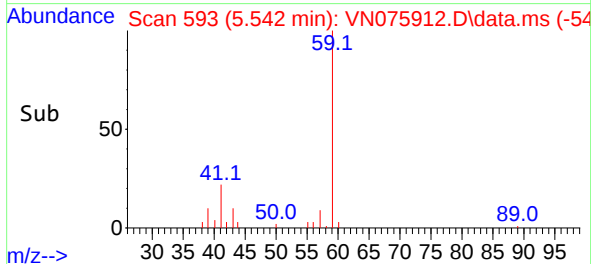
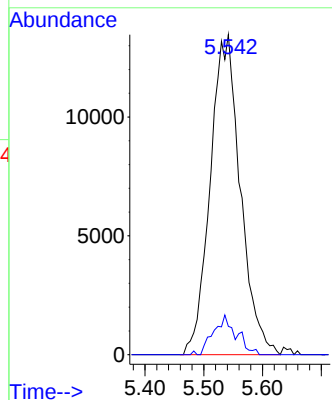
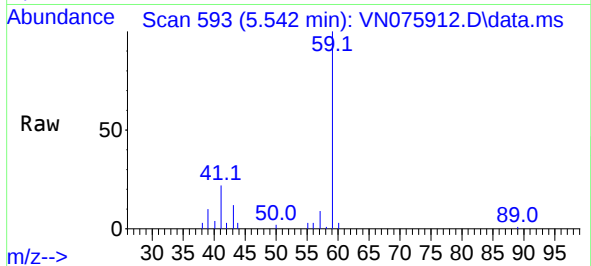




#11
Tert butyl alcohol
Concen: 95.900 ug/l
RT: 5.542 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

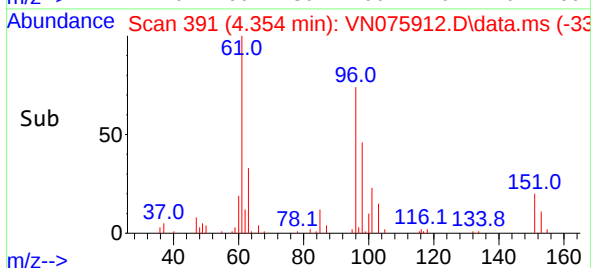
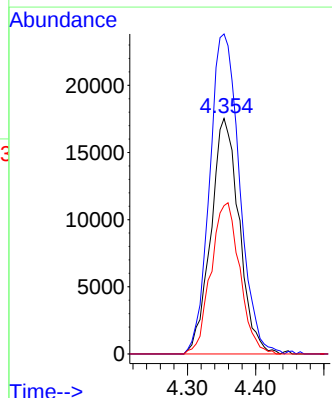
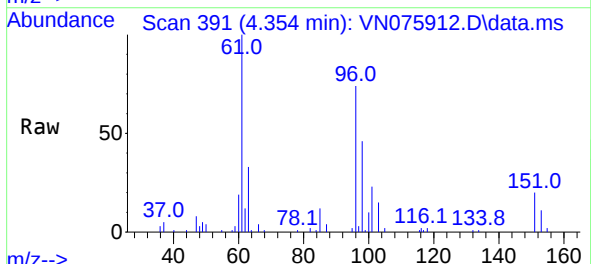
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

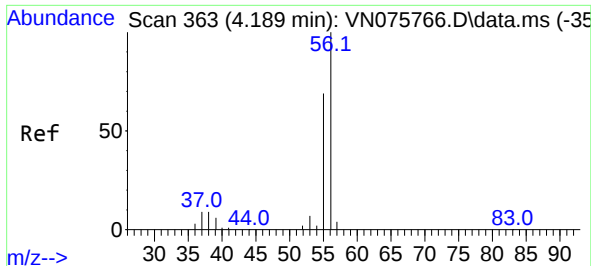
Tgt Ion: 59 Resp: 47961
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.561 ug/l
RT: 4.354 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 96 Resp: 50566
Ion Ratio Lower Upper
96 100
61 135.9 113.3 169.9
98 63.0 50.9 76.3

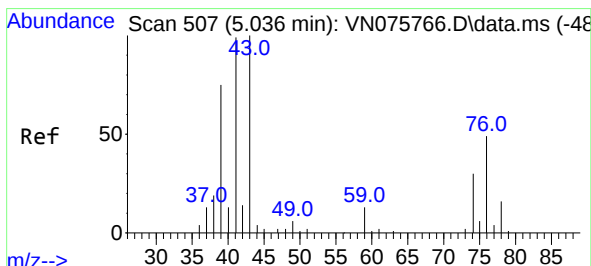
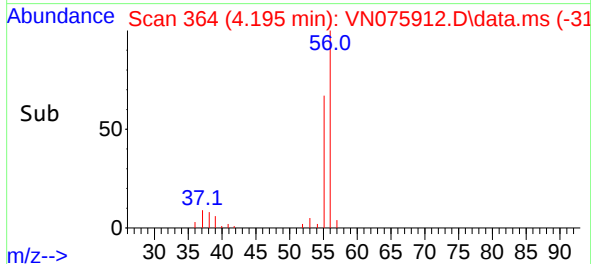
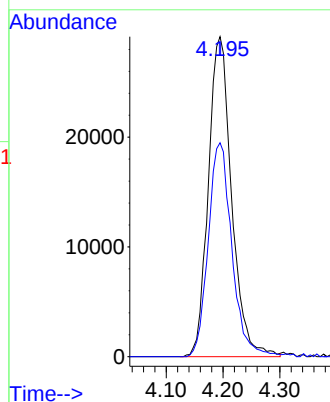
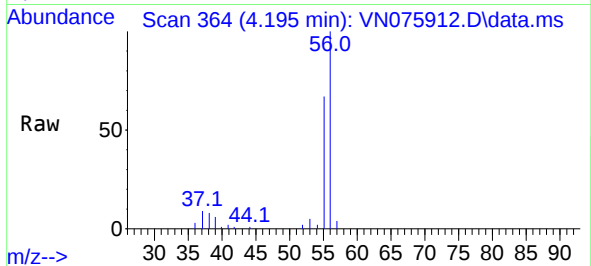




#13
Acrolein
Concen: 135.239 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

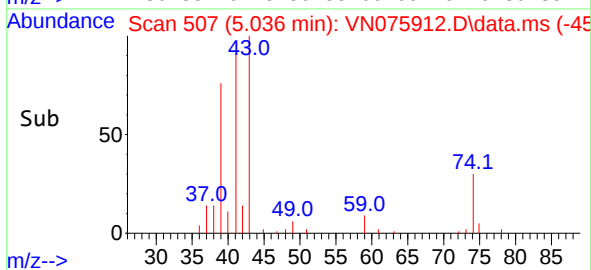
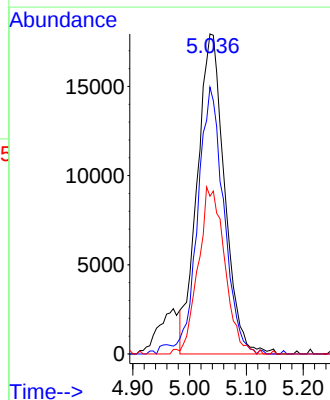
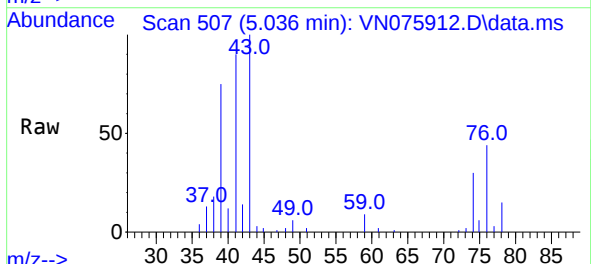
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

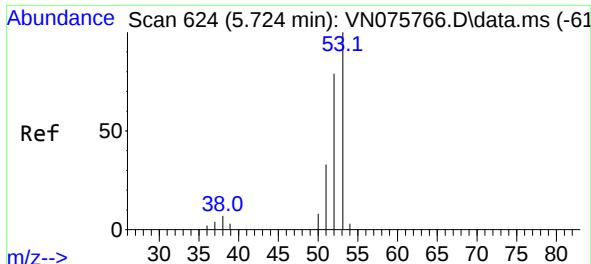
Tgt Ion: 56 Resp: 82918
Ion Ratio Lower Upper
56 100
55 67.8 54.8 82.2



#14
Allyl chloride
Concen: 17.793 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 41 Resp: 59892
Ion Ratio Lower Upper
41 100
39 79.3 58.3 87.5
76 50.6 35.8 53.6





#15

Acrylonitrile

Concen: 93.683 ug/l

RT: 5.736 min Scan# 61

Delta R.T. 0.012 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

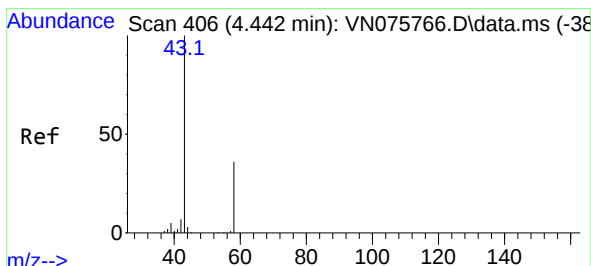
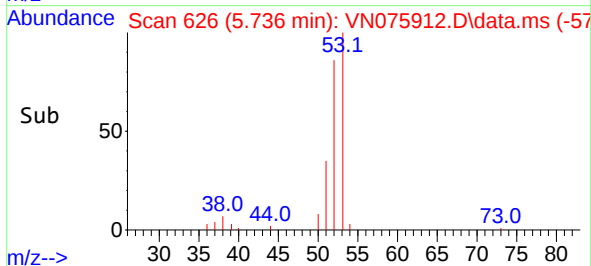
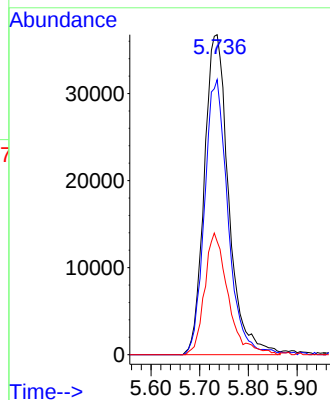
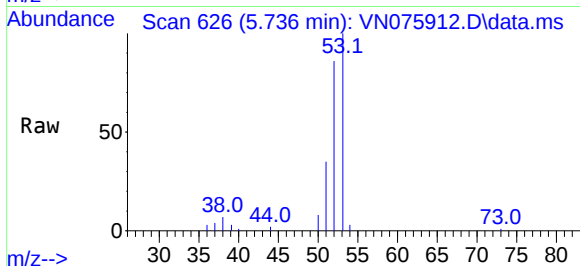
Tgt Ion: 53 Resp: 127856

Ion Ratio Lower Upper

53 100

52 82.8 65.4 98.0

51 36.6 28.9 43.3



#16

Acetone

Concen: 94.267 ug/l

RT: 4.448 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN075912.D

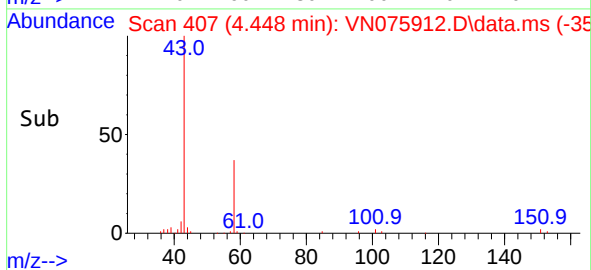
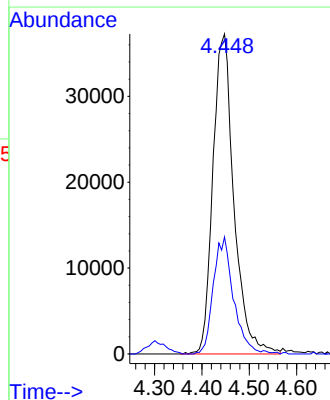
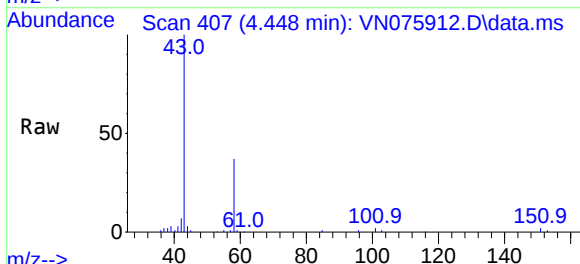
Acq: 21 Dec 2022 12:17

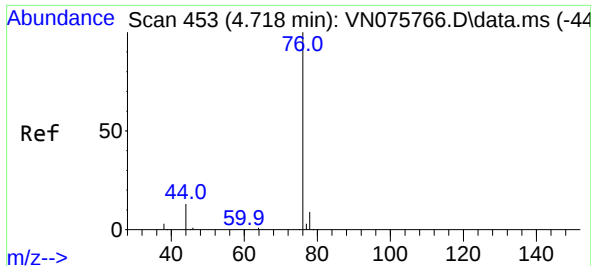
Tgt Ion: 43 Resp: 114853

Ion Ratio Lower Upper

43 100

58 36.5 28.6 43.0

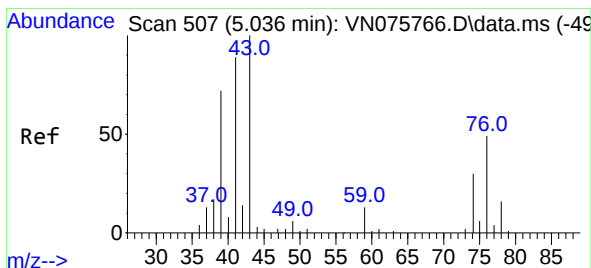
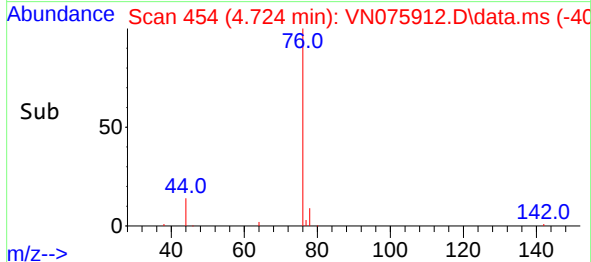
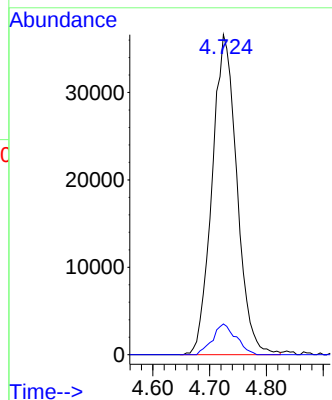
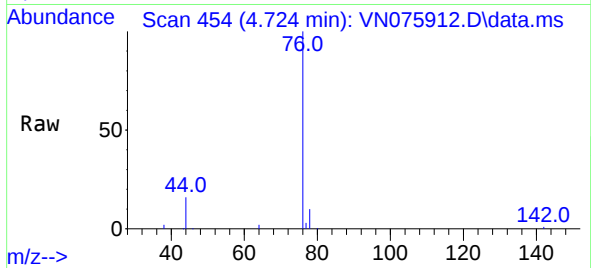




#17
Carbon Disulfide
Concen: 15.962 ug/l
RT: 4.724 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

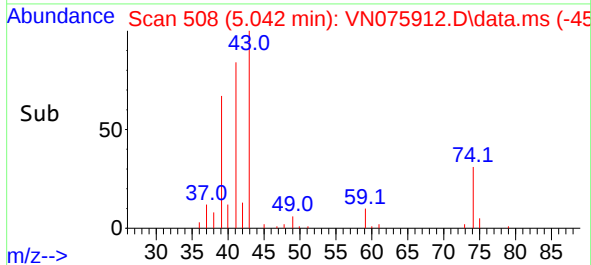
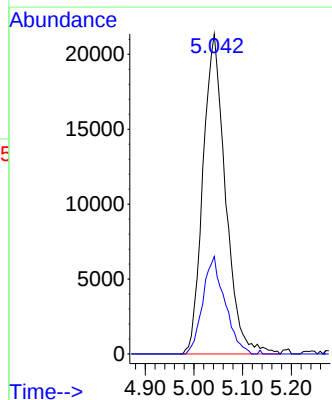
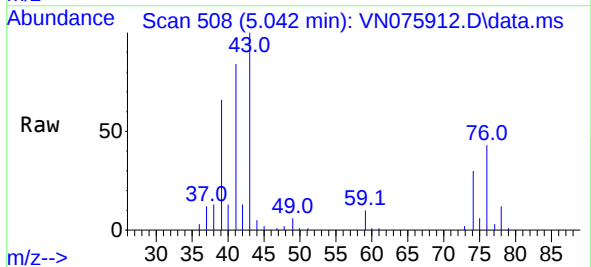
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

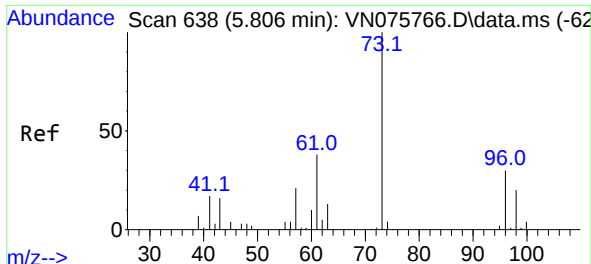
Tgt Ion: 76 Resp: 111280
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 19.057 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 43 Resp: 68632
Ion Ratio Lower Upper
43 100
74 29.8 23.6 35.4

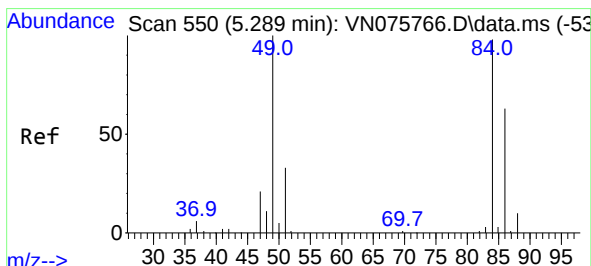
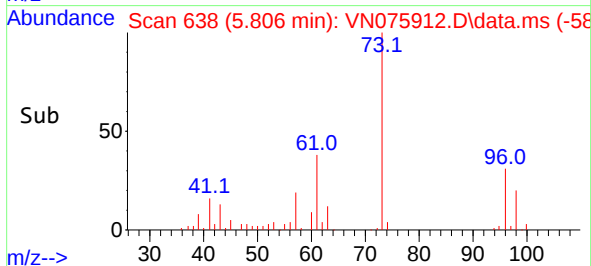
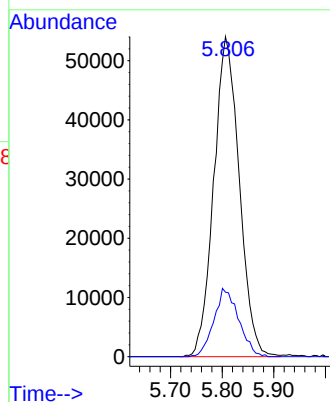
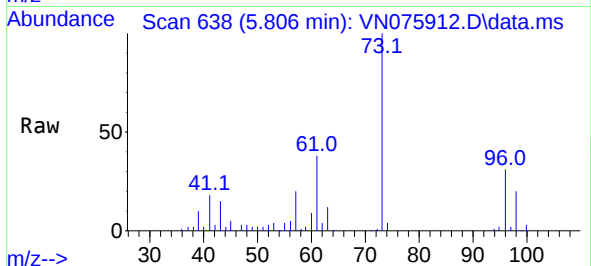




#19
Methyl tert-butyl Ether
Concen: 19.527 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

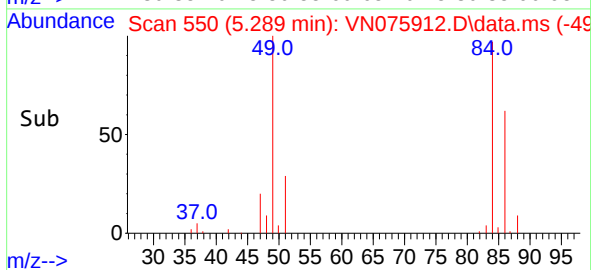
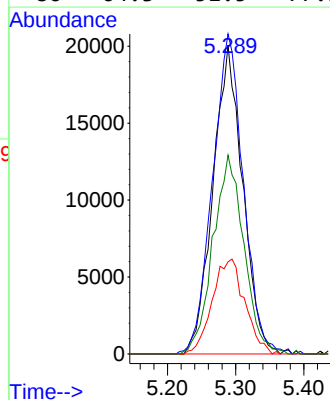
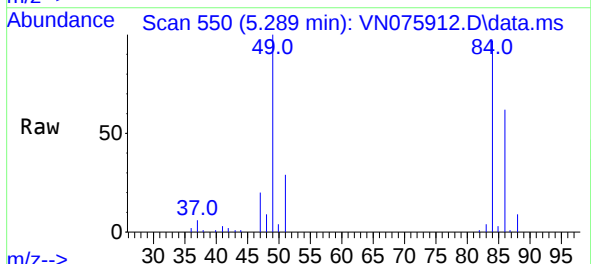
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

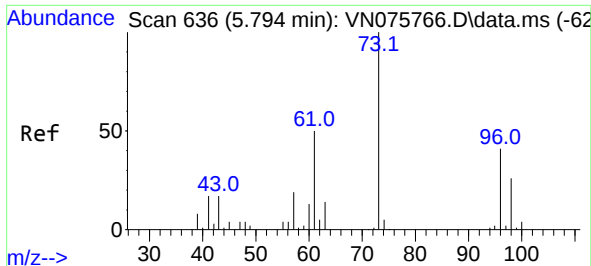
Tgt Ion: 73 Resp: 185158
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7



#20
Methylene Chloride
Concen: 18.247 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 84 Resp: 60798
Ion Ratio Lower Upper
84 100
49 102.8 81.8 122.6
51 29.8 26.7 40.1
86 64.3 51.5 77.3

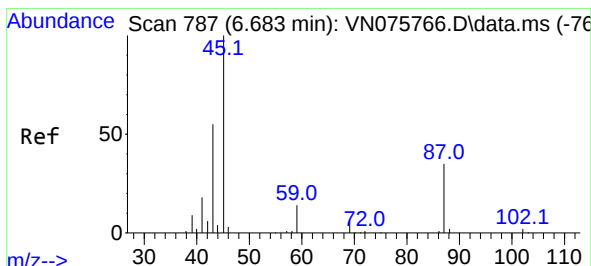
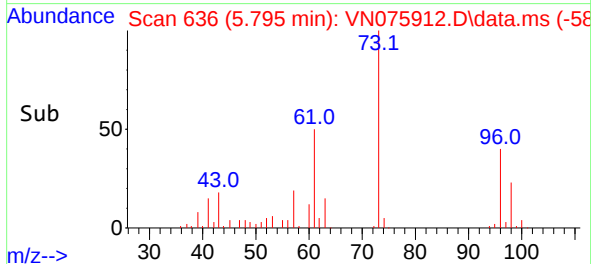
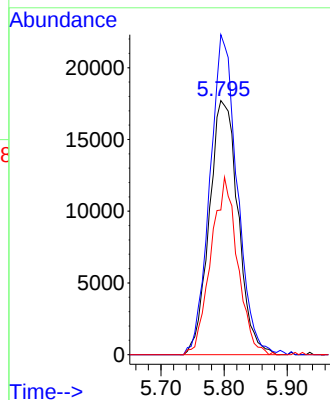
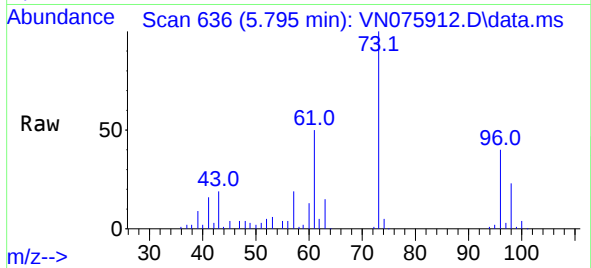




#21
trans-1,2-Dichloroethene
Concen: 17.779 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

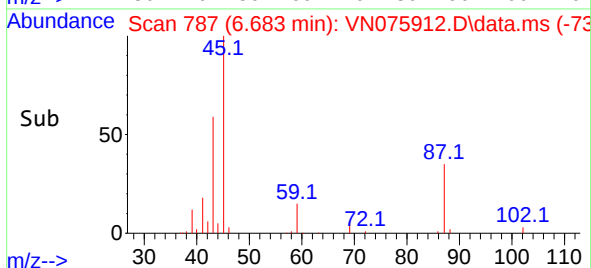
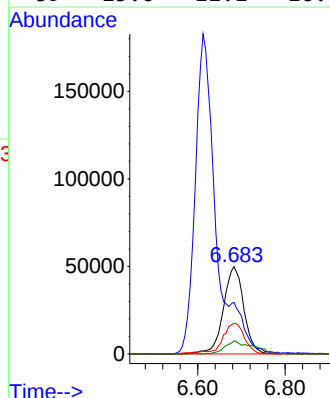
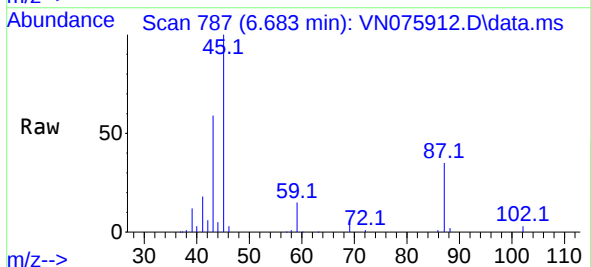
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

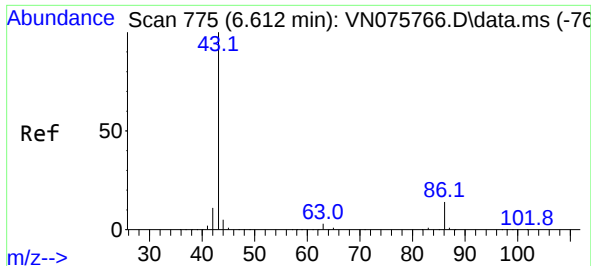
Tgt Ion: 96 Resp: 56064
Ion Ratio Lower Upper
96 100
61 125.9 98.1 147.1
98 56.9 51.4 77.2



#22
Diisopropyl ether
Concen: 19.718 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 45 Resp: 161233
Ion Ratio Lower Upper
45 100
43 58.4 44.2 66.4
87 35.2 28.3 42.5
59 15.0 11.1 16.7

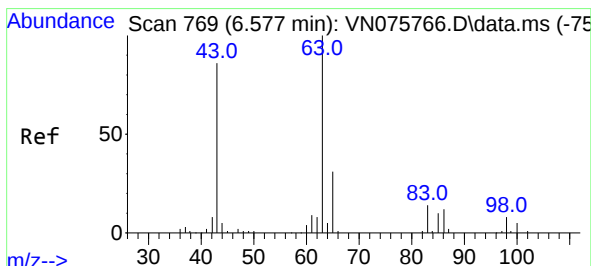
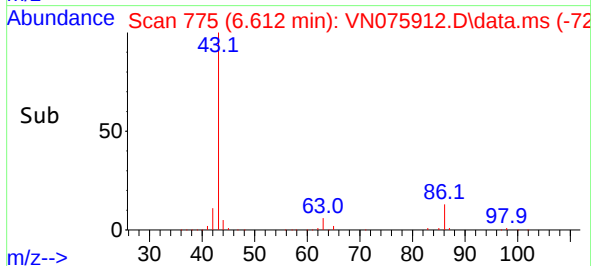
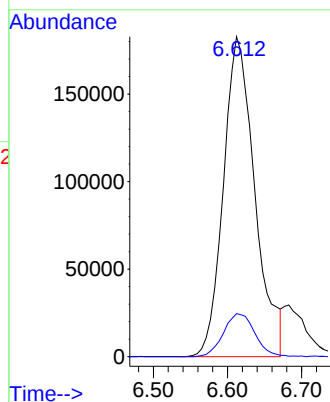
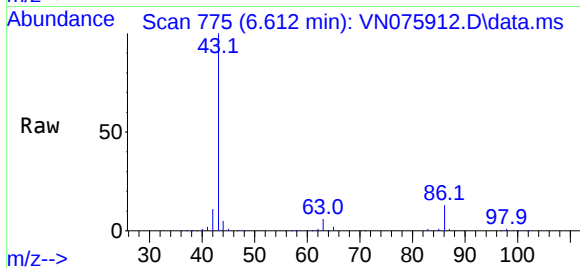




#23
 Vinyl Acetate
 Concen: 97.884 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

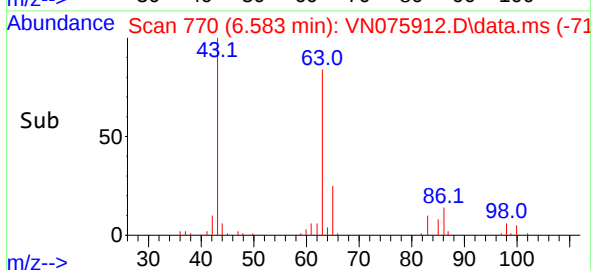
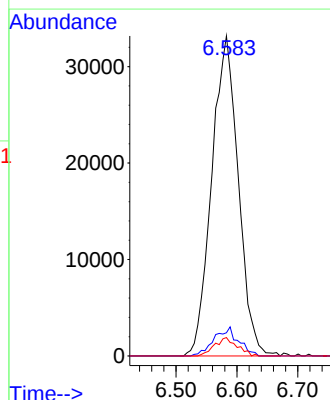
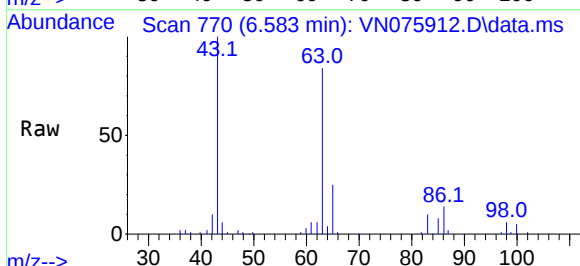
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

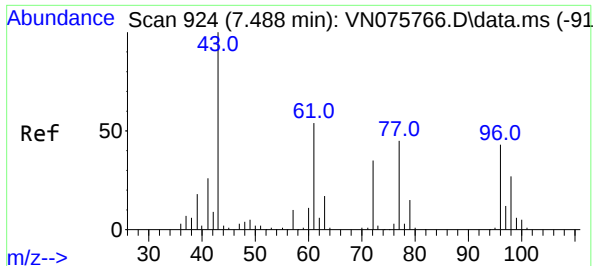
Tgt Ion: 43 Resp: 538713
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 18.486 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

Tgt Ion: 63 Resp: 100811
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.5
 100 5.7 2.5 7.6

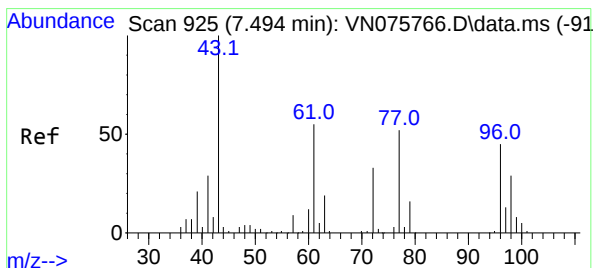
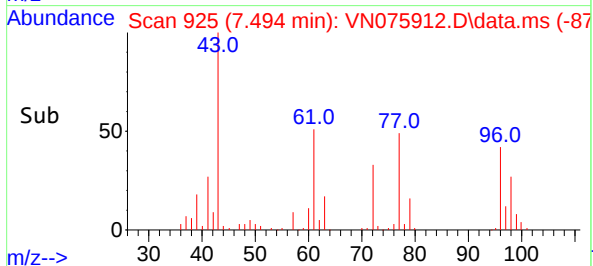
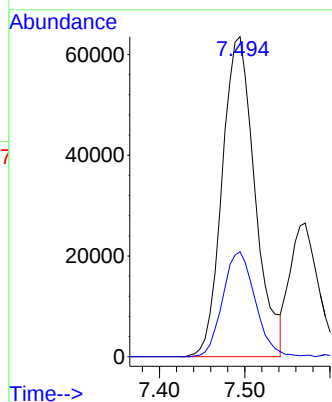
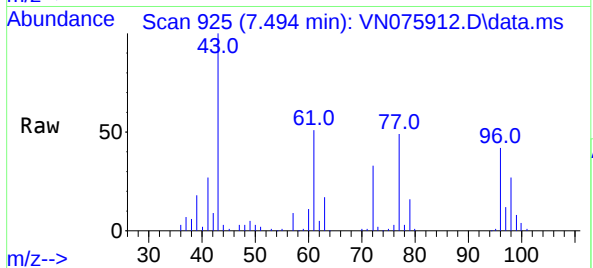




#25
2-Butanone
Concen: 99.685 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

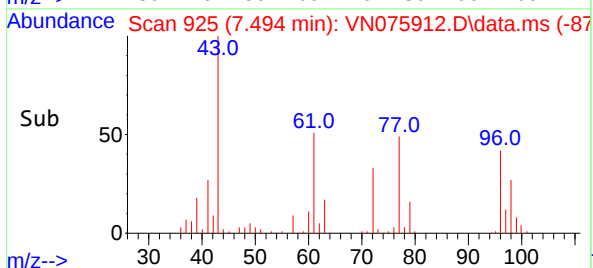
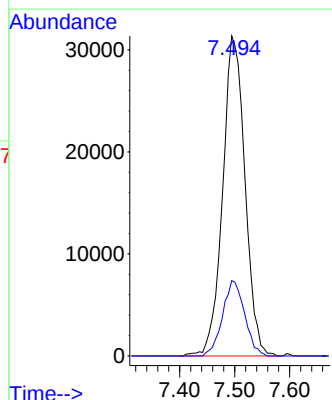
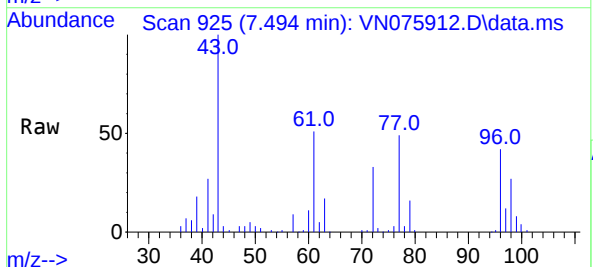
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

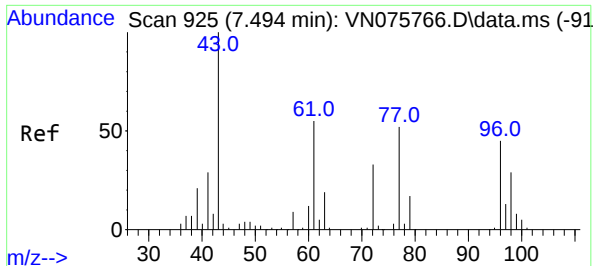
Tgt Ion: 43 Resp: 170057
Ion Ratio Lower Upper
43 100
72 32.8 28.0 42.0



#26
2,2-Dichloropropane
Concen: 19.148 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 77 Resp: 88428
Ion Ratio Lower Upper
77 100
97 23.3 12.7 38.0

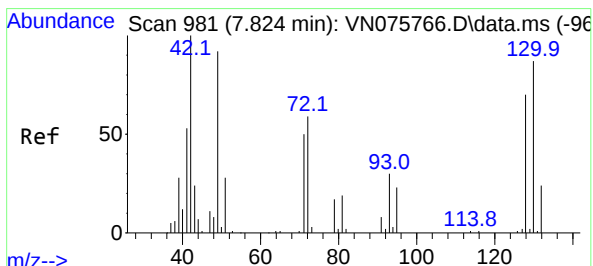
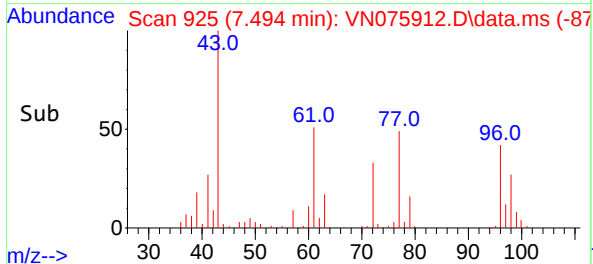
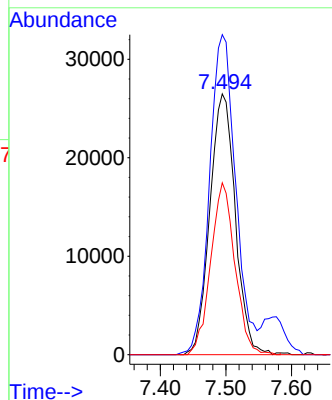
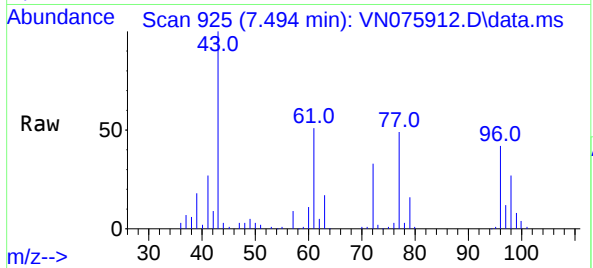




#27
cis-1,2-Dichloroethene
Concen: 18.921 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

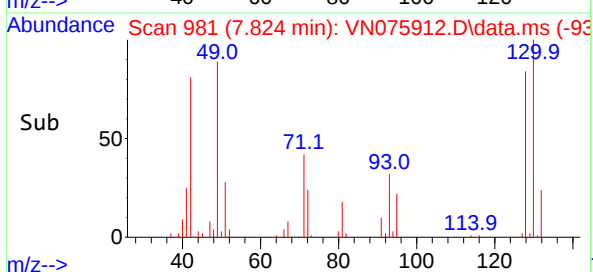
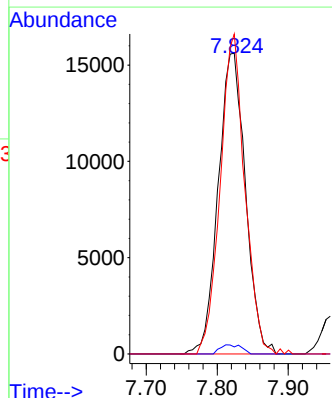
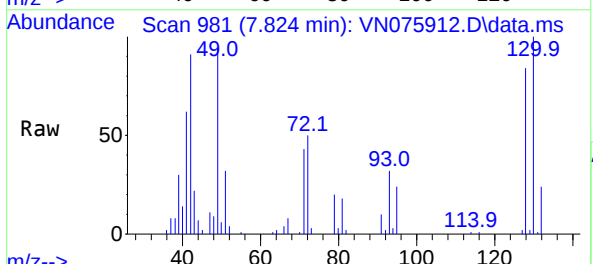
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

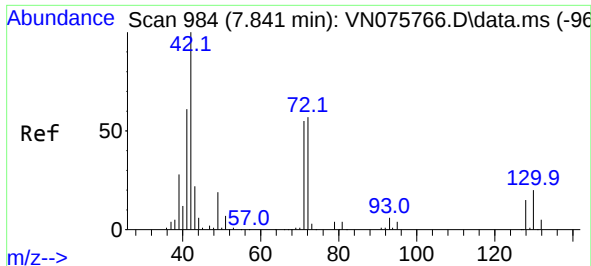
Tgt Ion: 96 Resp: 71360
Ion Ratio Lower Upper
96 100
61 125.7 0.0 247.8
98 62.8 0.0 128.4



#28
Bromochloromethane
Concen: 17.388 ug/l
RT: 7.824 min Scan# 981
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 49 Resp: 41560
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 95.9 77.0 115.4





#29

Tetrahydrofuran

Concen: 98.705 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

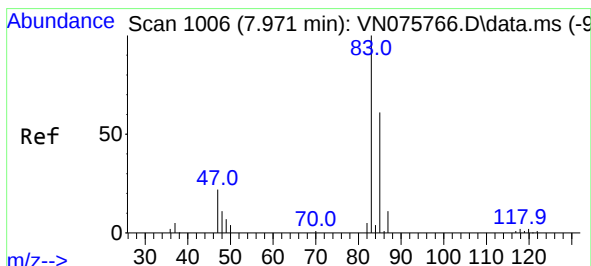
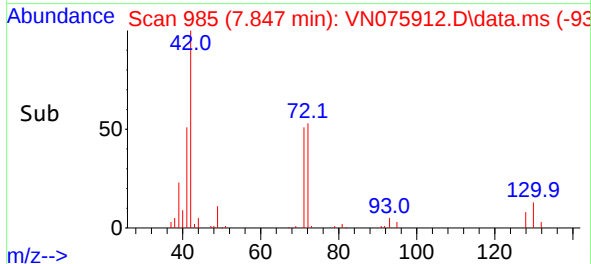
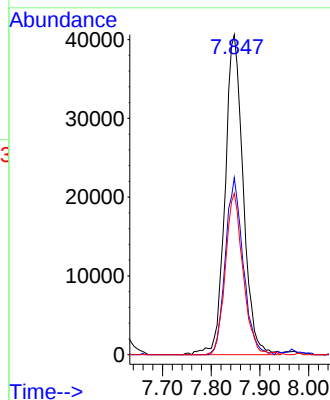
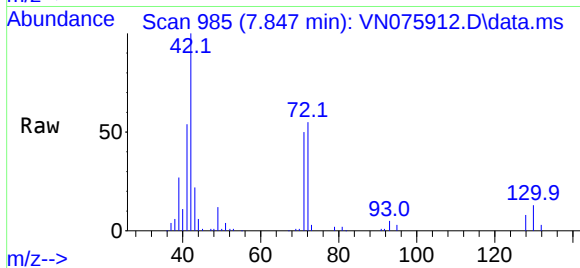
Tgt Ion: 42 Resp: 105523

Ion Ratio Lower Upper

42 100

72 53.9 44.5 66.7

71 49.1 41.0 61.6



#30

Chloroform

Concen: 18.357 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075912.D

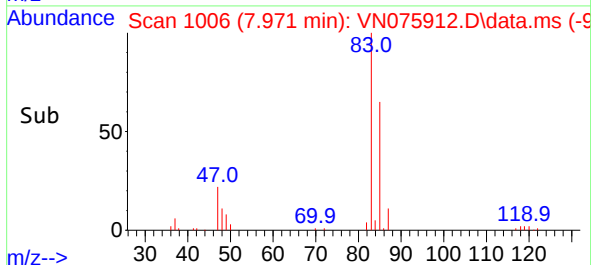
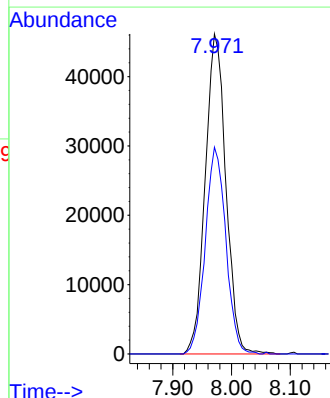
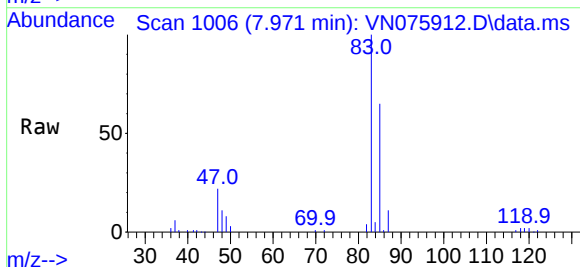
Acq: 21 Dec 2022 12:17

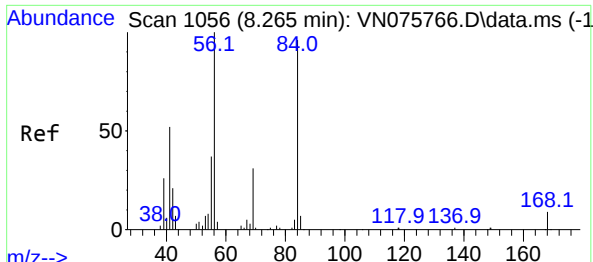
Tgt Ion: 83 Resp: 112712

Ion Ratio Lower Upper

83 100

85 64.6 49.1 73.7

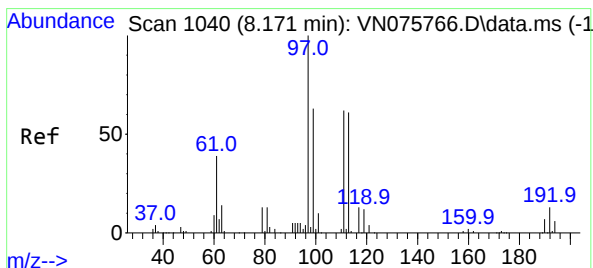
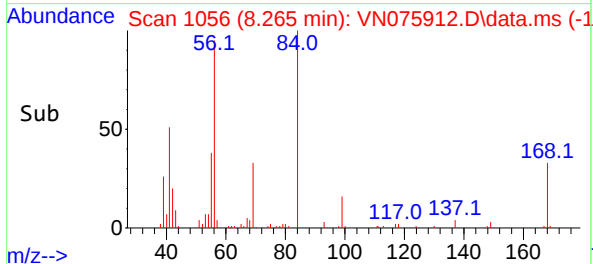
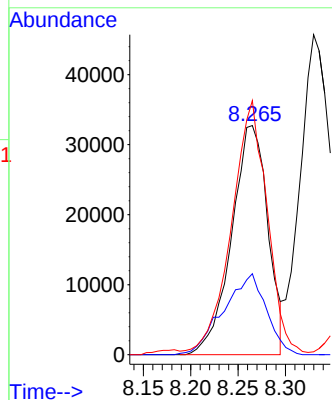
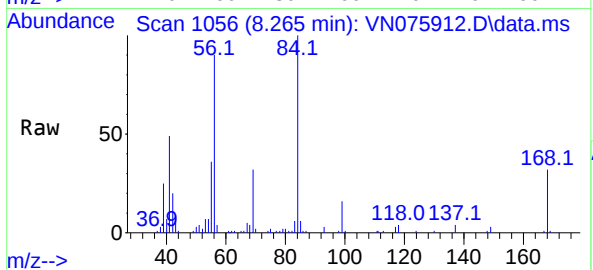




#31
Cyclohexane
Concen: 17.223 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

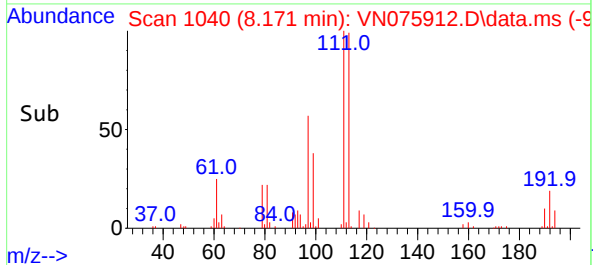
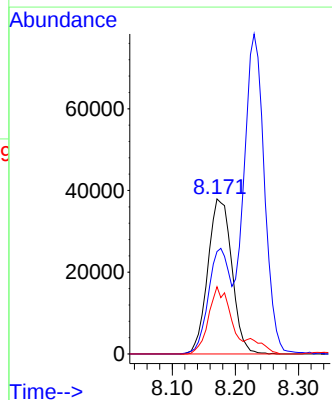
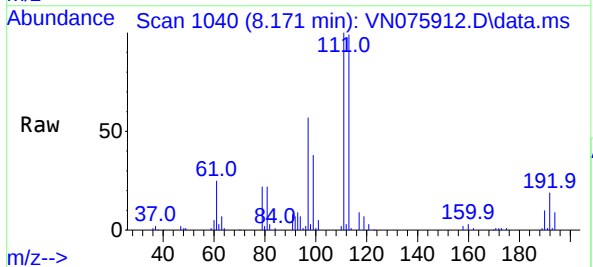
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

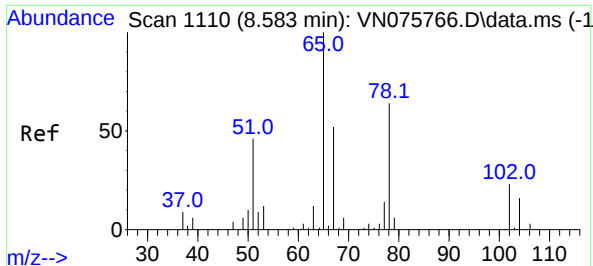
Tgt Ion: 56 Resp: 87182
Ion Ratio Lower Upper
56 100
69 34.8 24.7 37.1
84 109.4 76.5 114.7



#32
1,1,1-Trichloroethane
Concen: 18.411 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 97 Resp: 100215
Ion Ratio Lower Upper
97 100
99 60.6 50.2 75.2
61 39.8 34.5 51.7

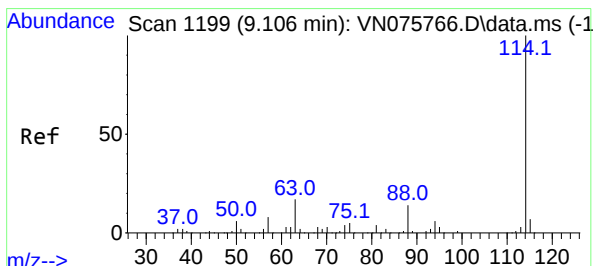
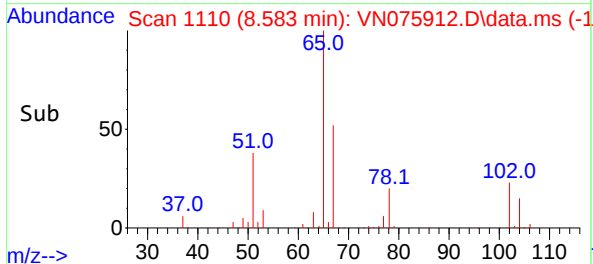
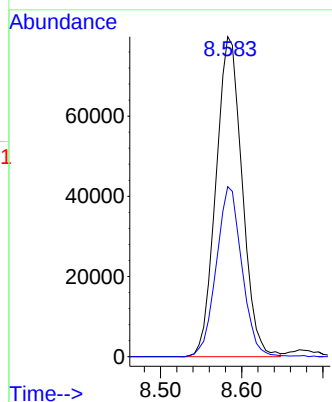
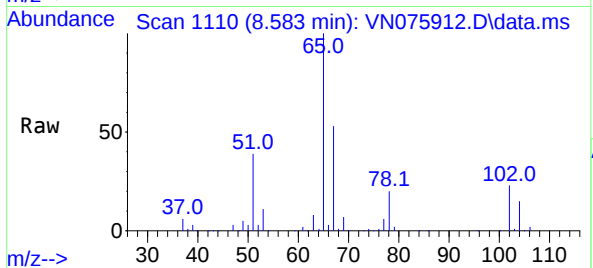




#33
1,2-Dichloroethane-d4
Concen: 50.628 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

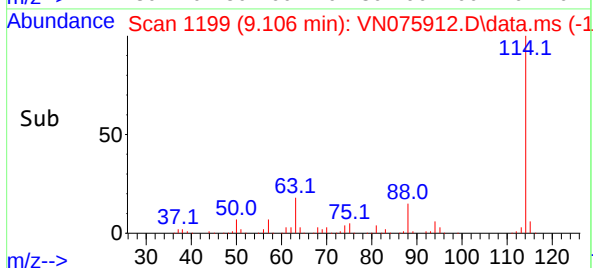
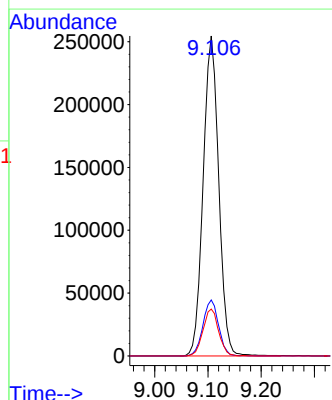
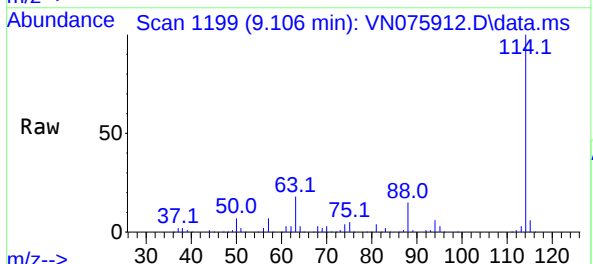
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

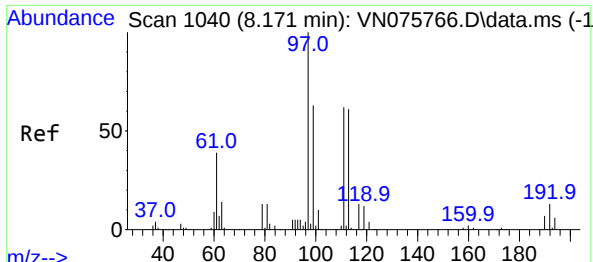
Tgt Ion: 65 Resp: 178940
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 114 Resp: 516345
Ion Ratio Lower Upper
114 100
63 17.5 0.0 34.4
88 14.6 0.0 28.8

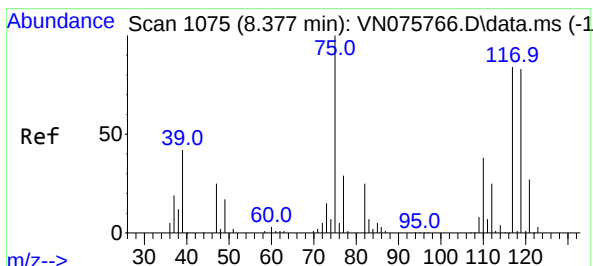
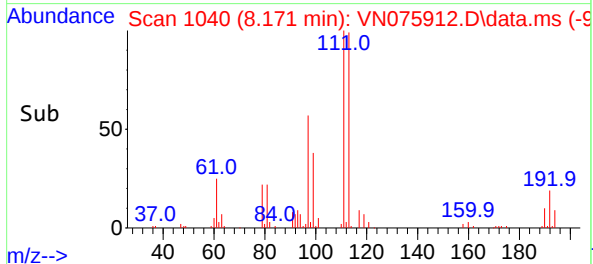
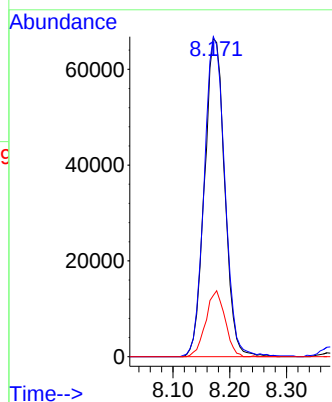
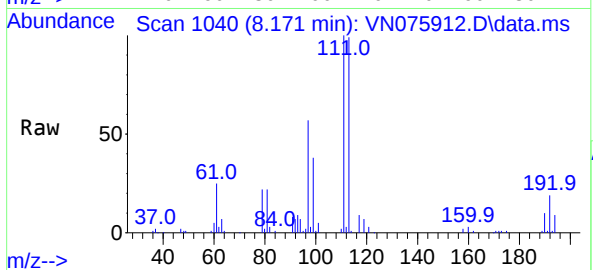




#35
Dibromofluoromethane
Concen: 51.161 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

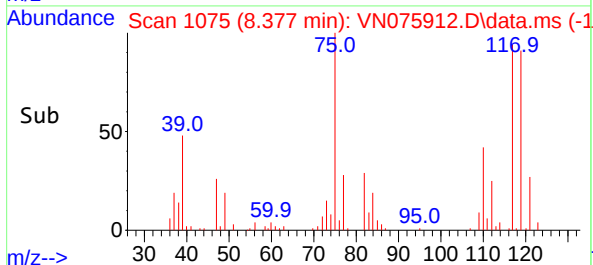
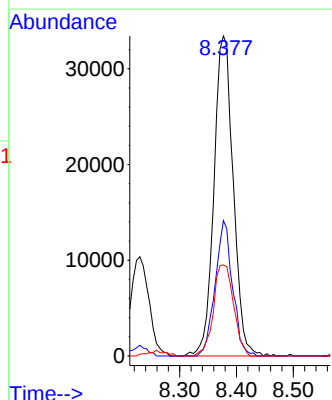
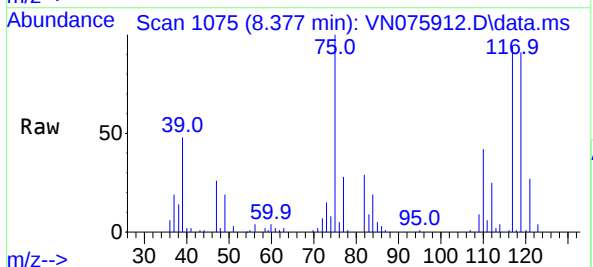
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

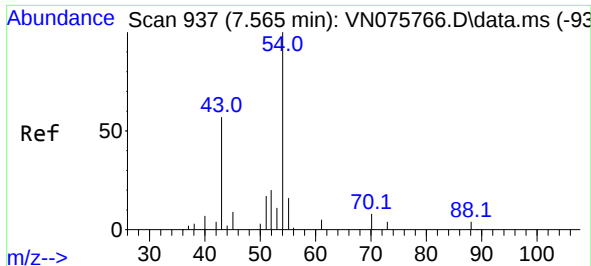
Tgt Ion:113 Resp: 163596
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.2
192 19.8 16.1 24.1



#36
1,1-Dichloropropene
Concen: 18.558 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 75 Resp: 78829
Ion Ratio Lower Upper
75 100
110 38.0 18.8 56.4
77 29.8 24.1 36.1





#37

Ethyl Acetate

Concen: 18.776 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

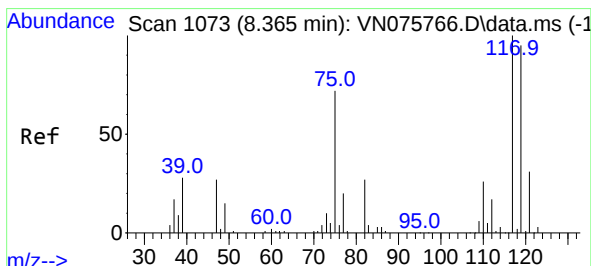
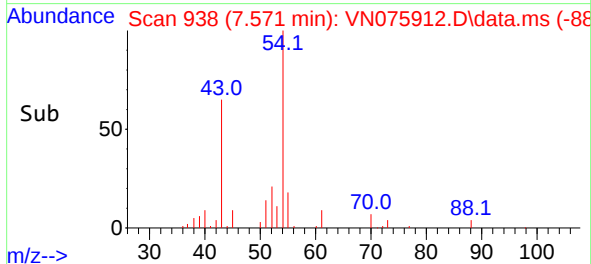
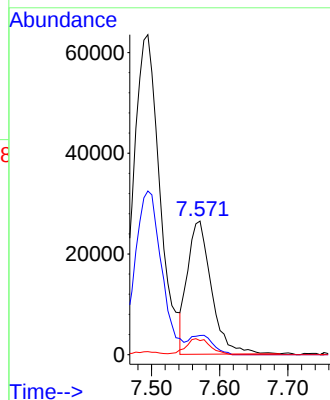
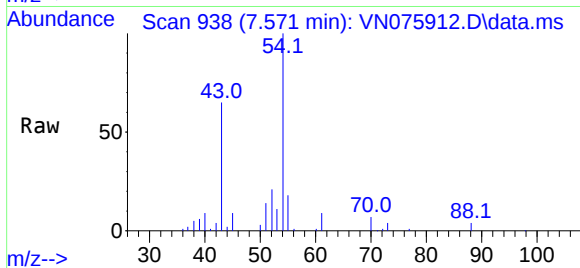
Tgt Ion: 43 Resp: 64062

Ion Ratio Lower Upper

43 100

61 14.7 13.0 19.4

70 12.2 9.4 14.0



#38

Carbon Tetrachloride

Concen: 18.469 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

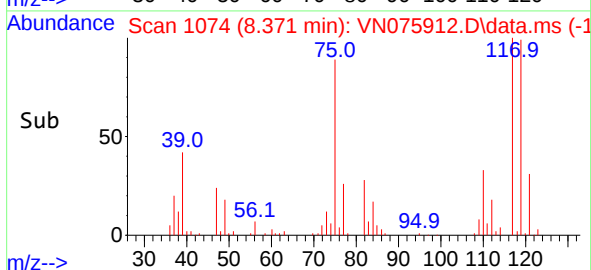
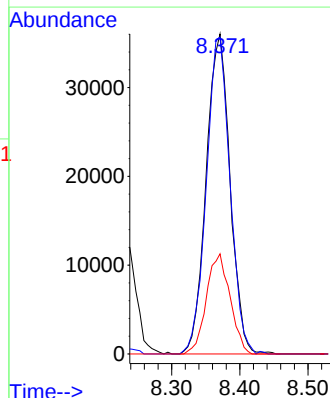
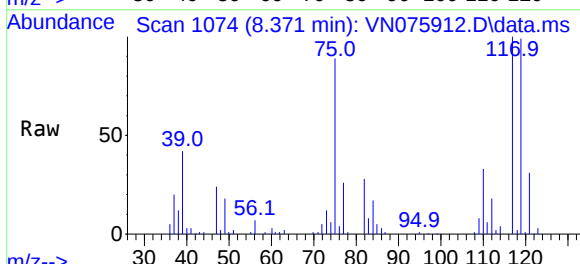
Tgt Ion: 117 Resp: 87804

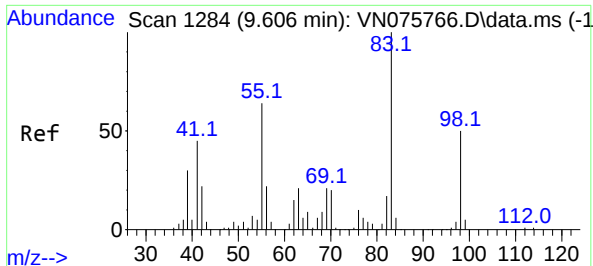
Ion Ratio Lower Upper

117 100

119 99.0 76.1 114.1

121 31.3 24.5 36.7





#39

Methylcyclohexane

Concen: 19.328 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

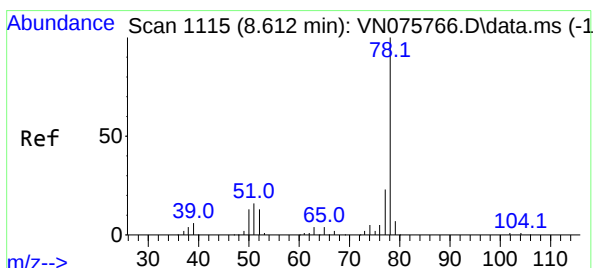
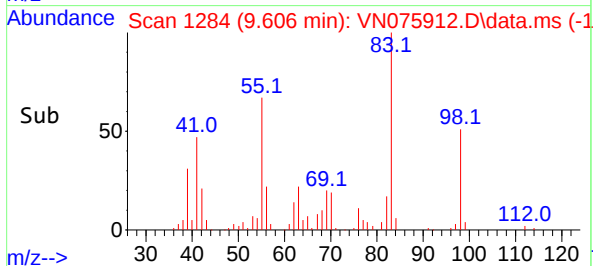
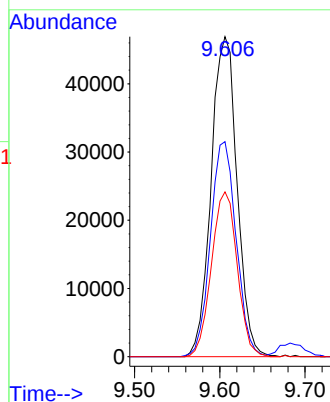
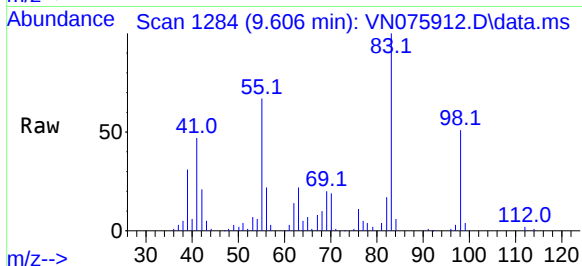
Tgt Ion: 83 Resp: 99049

Ion Ratio Lower Upper

83 100

55 67.2 51.4 77.0

98 51.5 39.8 59.8



#40

Benzene

Concen: 18.590 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075912.D

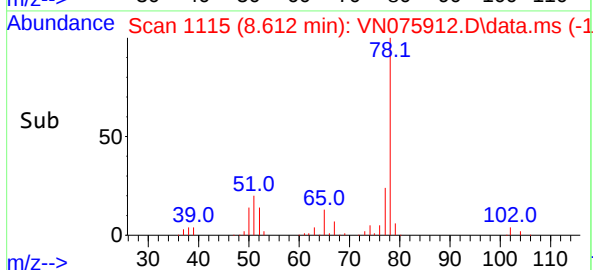
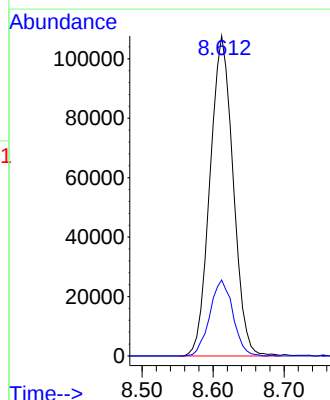
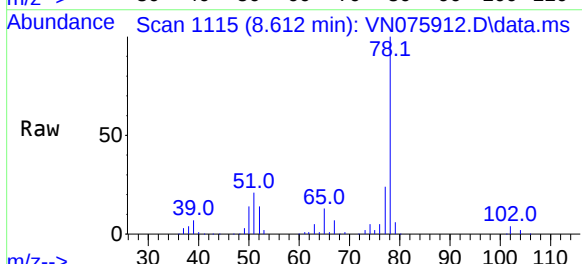
Acq: 21 Dec 2022 12:17

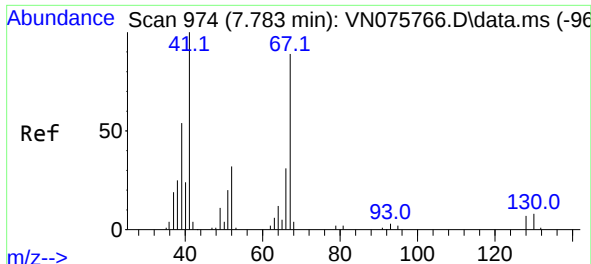
Tgt Ion: 78 Resp: 243639

Ion Ratio Lower Upper

78 100

77 23.7 18.5 27.7

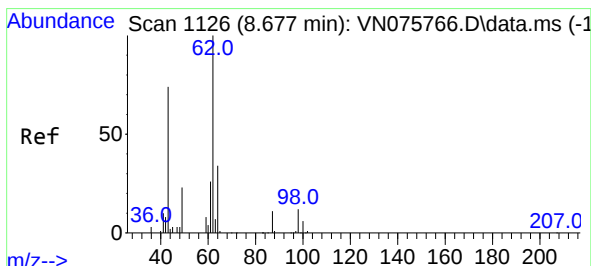
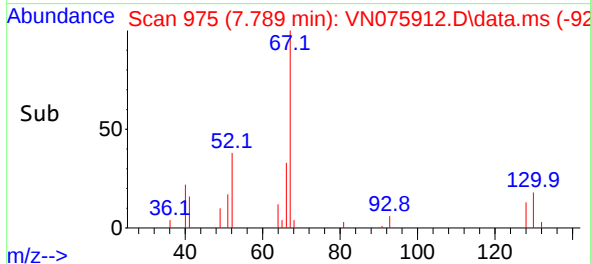
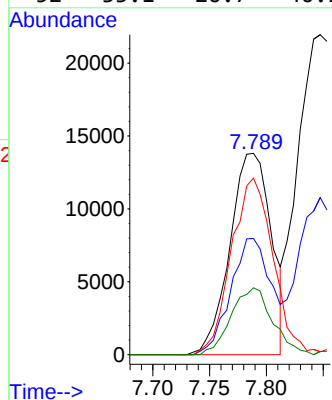
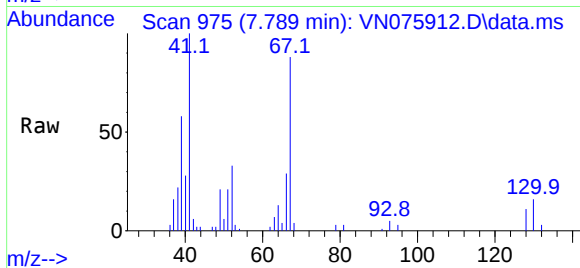




#41
Methacrylonitrile
Concen: 19.739 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

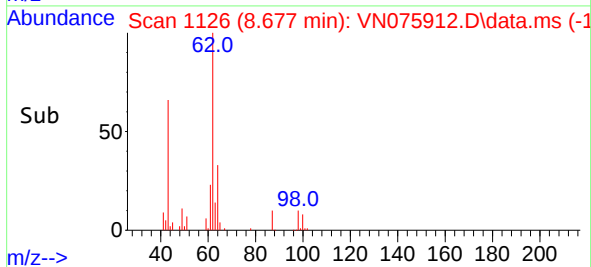
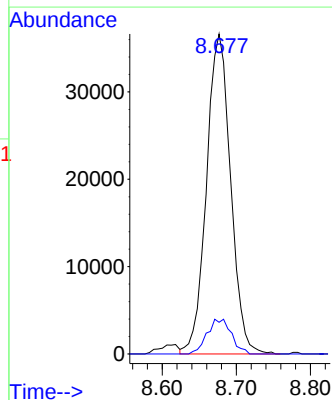
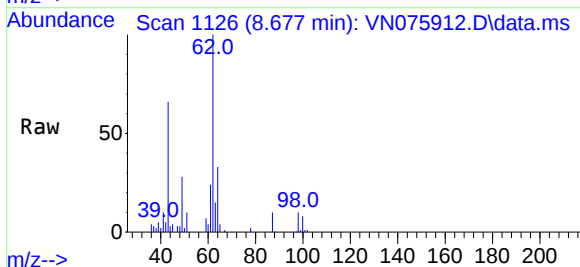
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

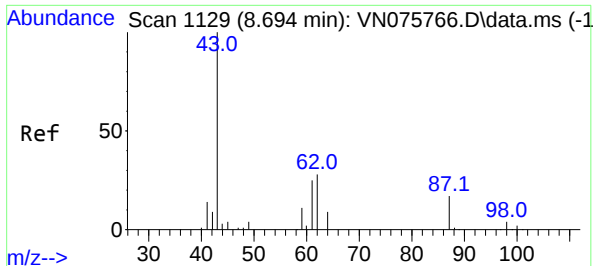
Tgt Ion:	41	Resp:	35008
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.1	64.7
67	89.4	70.7	106.1
52	33.1	26.7	40.1



#42
1,2-Dichloroethane
Concen: 19.008 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:	62	Resp:	82819
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.8

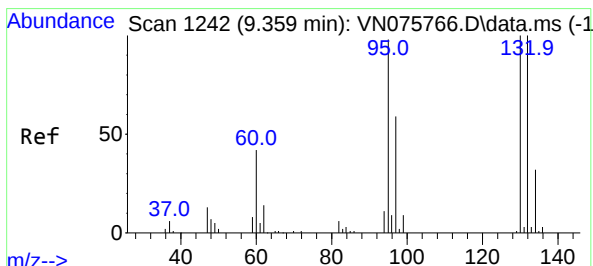
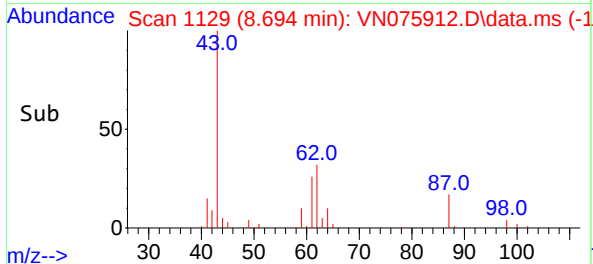
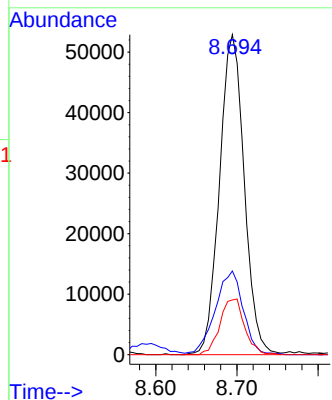
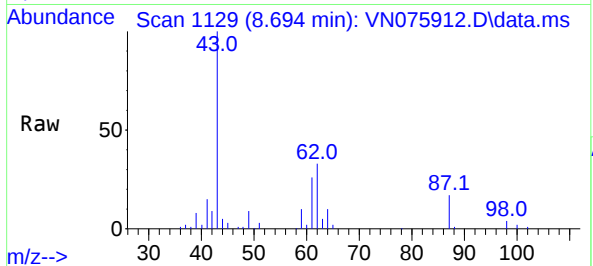




#43
Isopropyl Acetate
Concen: 19.881 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

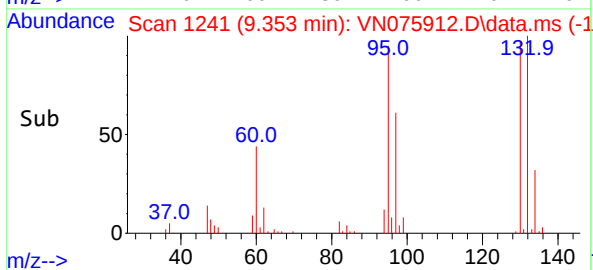
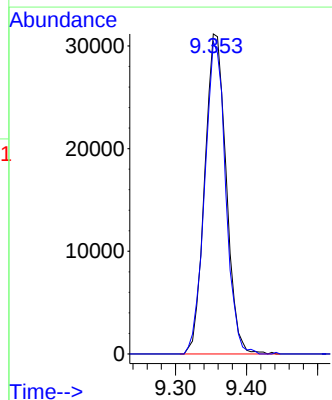
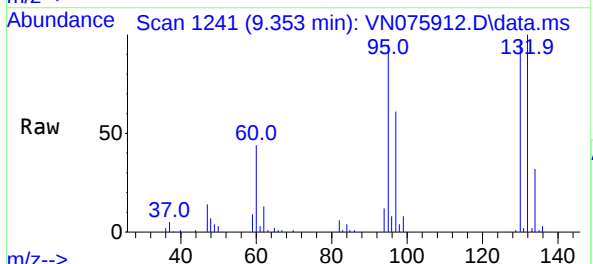
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

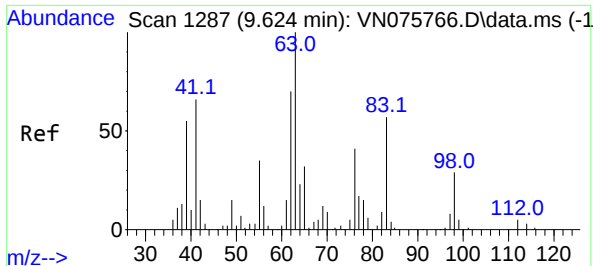
Tgt Ion: 43 Resp: 111897
Ion Ratio Lower Upper
43 100
61 29.7 24.2 36.4
87 17.4 13.3 19.9



#44
Trichloroethene
Concen: 17.690 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:130 Resp: 65315
Ion Ratio Lower Upper
130 100
95 97.6 0.0 195.4

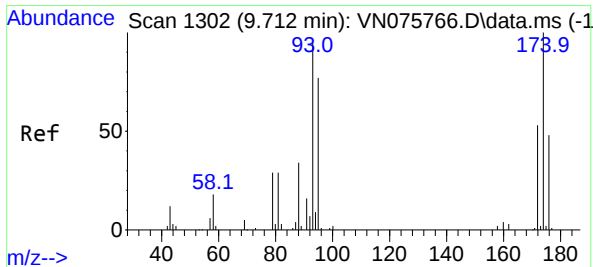
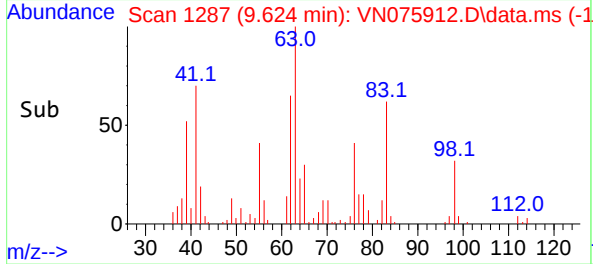
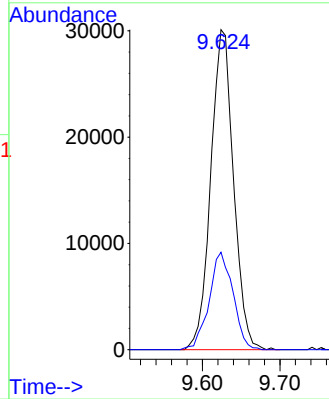
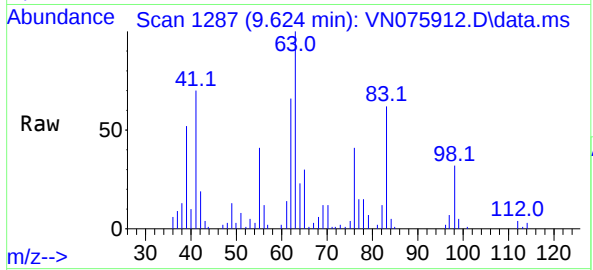




#45
1,2-Dichloropropane
Concen: 19.254 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

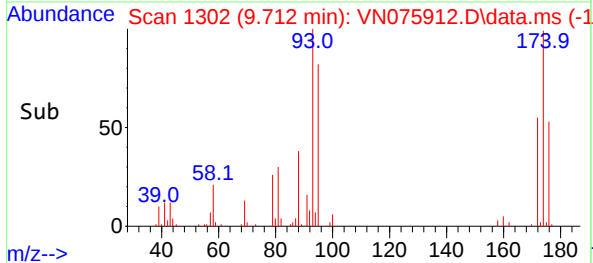
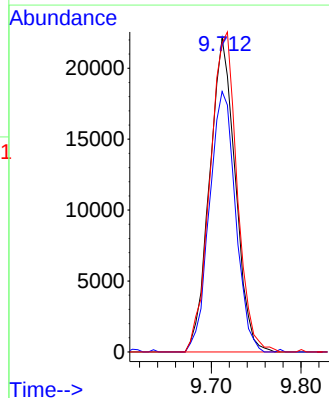
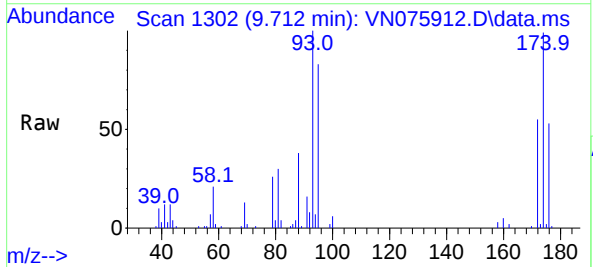
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

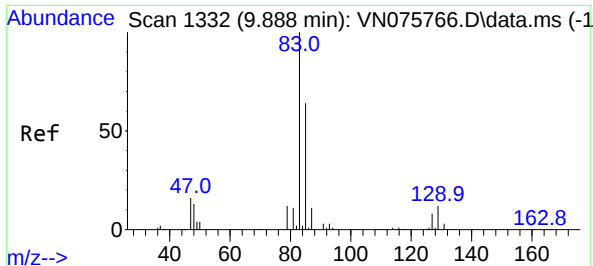
Tgt Ion: 63 Resp: 61407
Ion Ratio Lower Upper
63 100
65 30.4 25.7 38.5



#46
Dibromomethane
Concen: 18.625 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 93 Resp: 44057
Ion Ratio Lower Upper
93 100
95 83.9 65.2 97.8
174 106.7 82.4 123.6

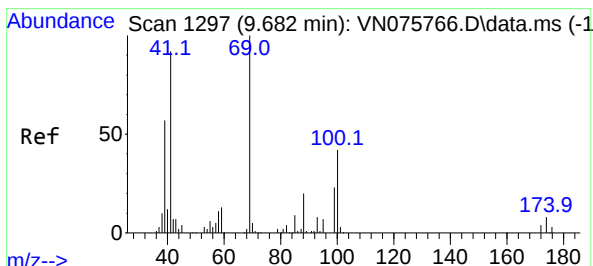
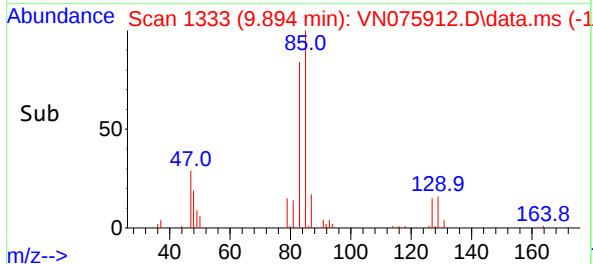
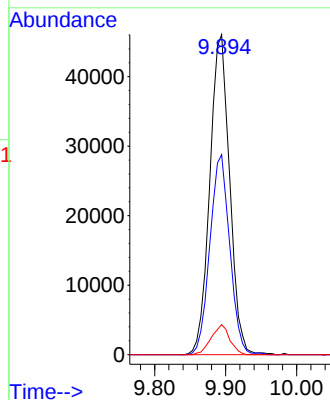
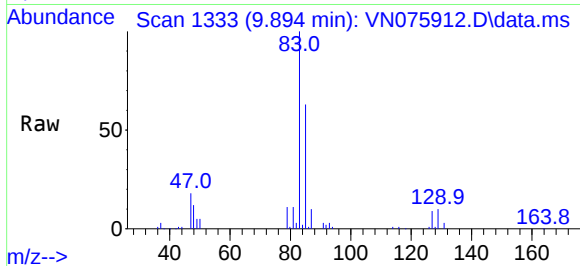




#47
Bromodichloromethane
Concen: 19.240 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

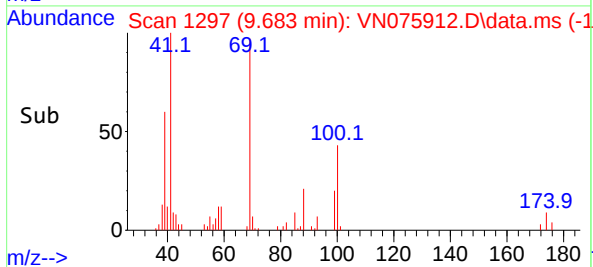
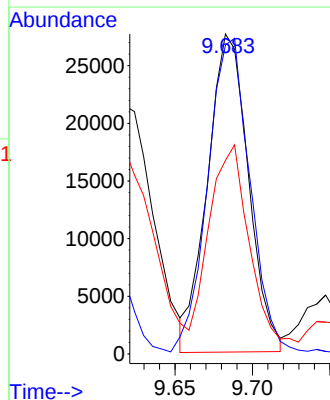
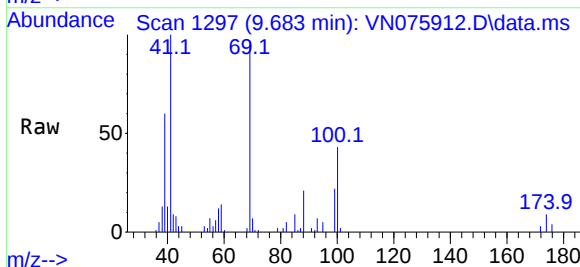
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

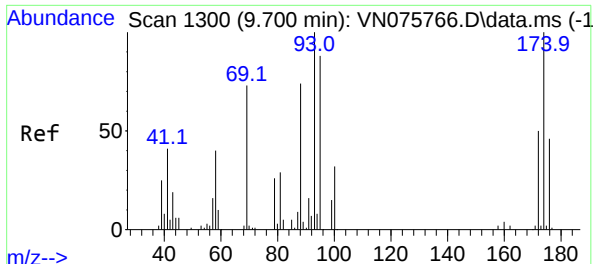
Tgt Ion: 83 Resp: 89250
Ion Ratio Lower Upper
83 100
85 62.5 51.5 77.3
127 9.4 6.6 10.0



#48
Methyl methacrylate
Concen: 19.974 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 41 Resp: 50634
Ion Ratio Lower Upper
41 100
69 104.1 81.9 122.9
39 66.8 51.6 77.4

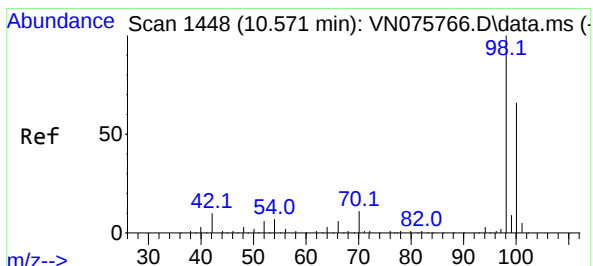
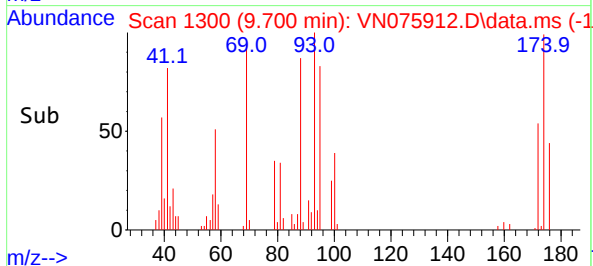
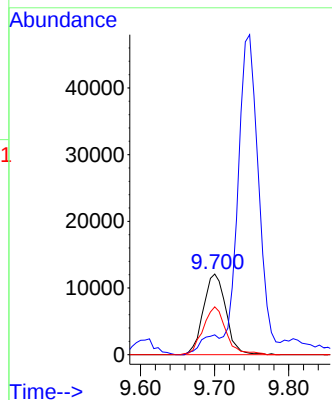
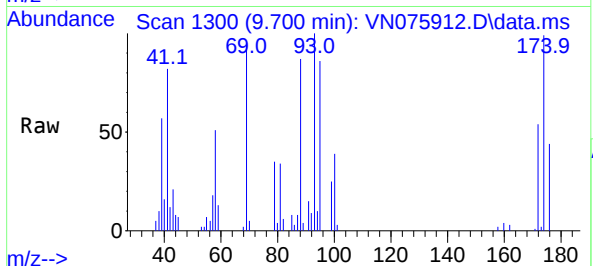




#49
1,4-Dioxane
Concen: 409.241 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

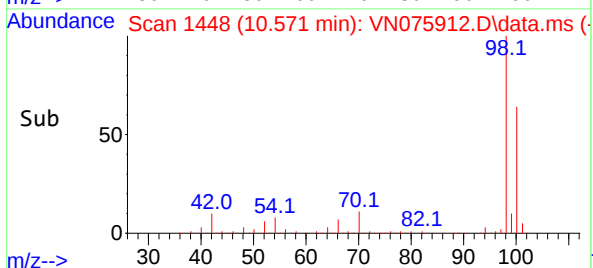
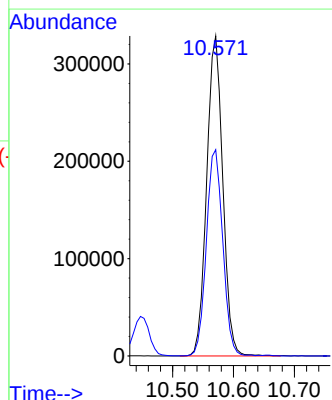
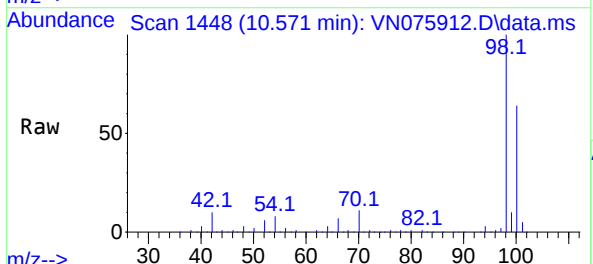
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

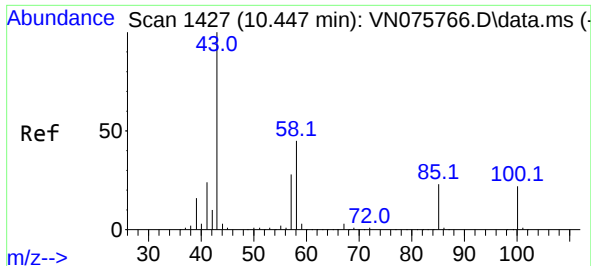
Tgt Ion: 88 Resp: 25504
Ion Ratio Lower Upper
88 100
43 20.7 17.1 25.7
58 60.4 47.8 71.8



#50
Toluene-d8
Concen: 50.444 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 98 Resp: 603095
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1

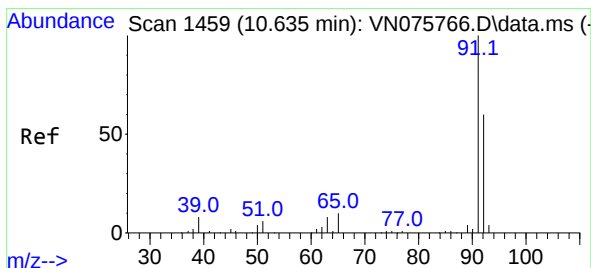
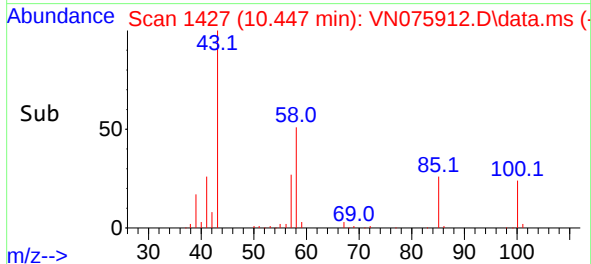
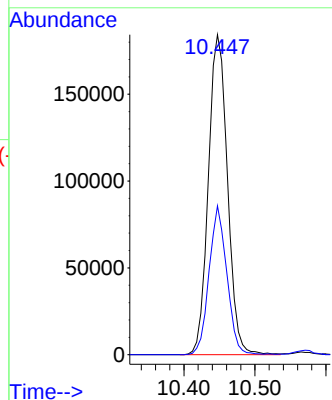
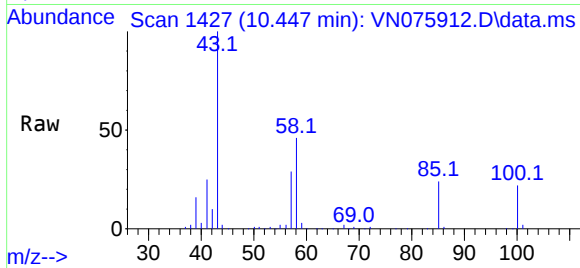




#51
4-Methyl-2-Pentanone
Concen: 101.375 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

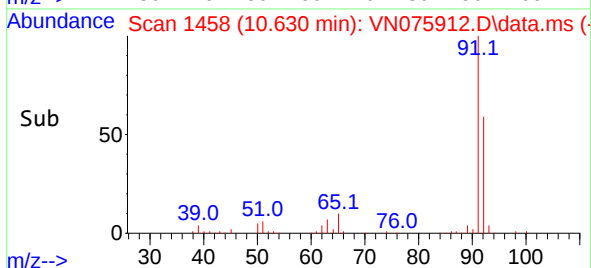
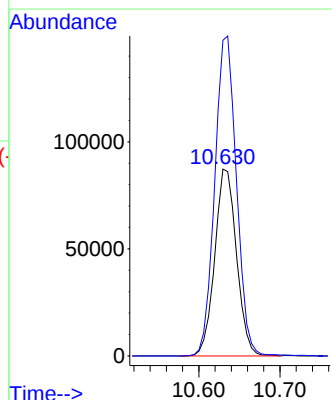
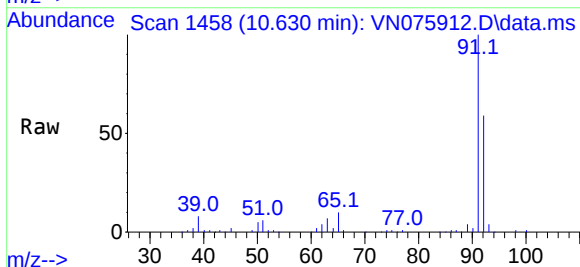
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

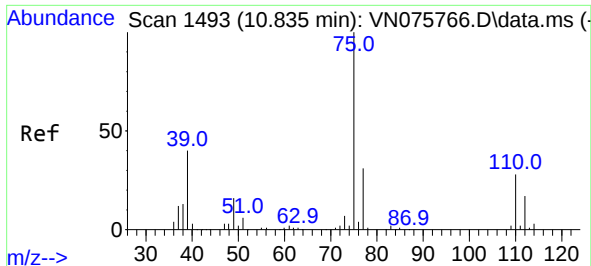
Tgt Ion: 43 Resp: 345057
Ion Ratio Lower Upper
43 100
58 43.3 35.5 53.3



#52
Toluene
Concen: 19.068 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 92 Resp: 162753
Ion Ratio Lower Upper
92 100
91 170.9 137.3 205.9

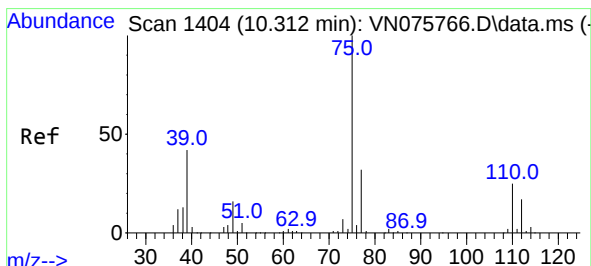
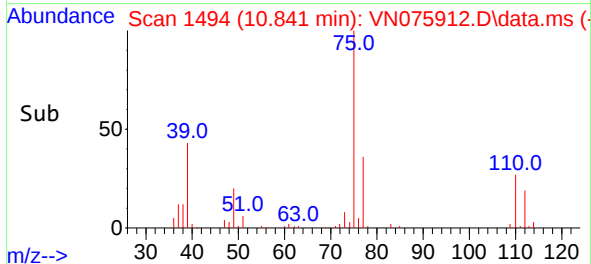
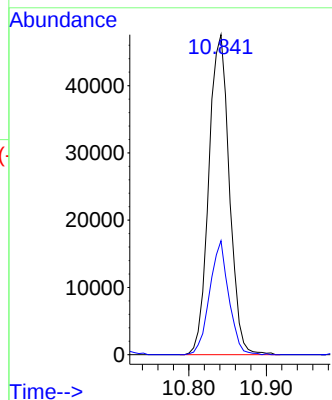
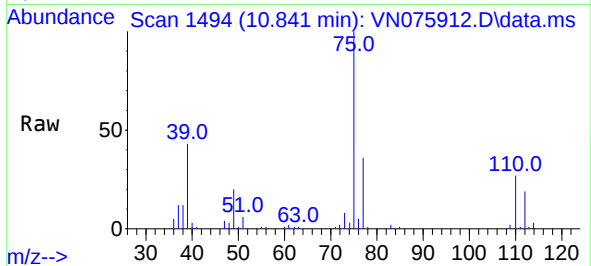




#53
 t-1,3-Dichloropropene
 Concen: 19.292 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

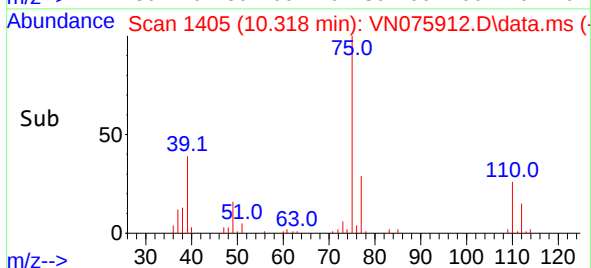
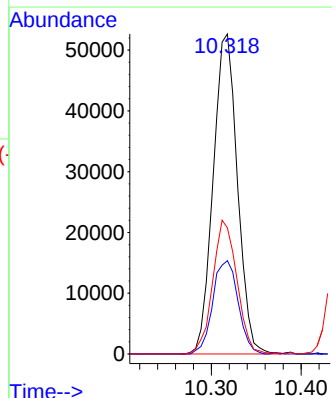
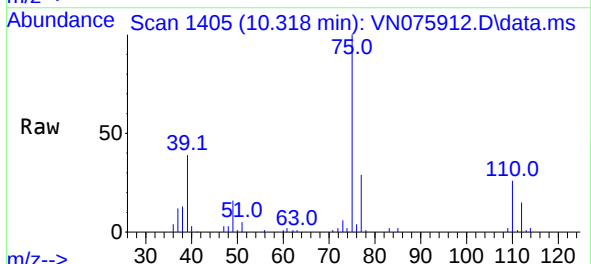
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

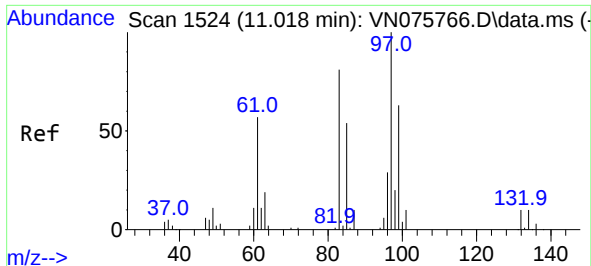
Tgt Ion: 75 Resp: 87601
 Ion Ratio Lower Upper
 75 100
 77 35.6 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.806 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

Tgt Ion: 75 Resp: 98744
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.8 38.8
 39 39.4 33.4 50.2



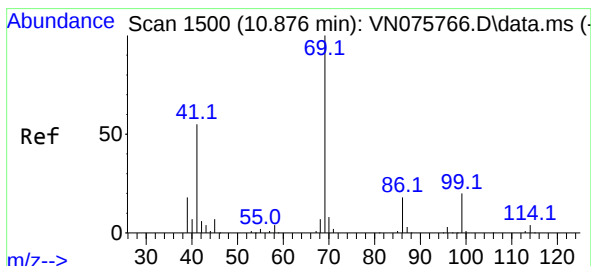
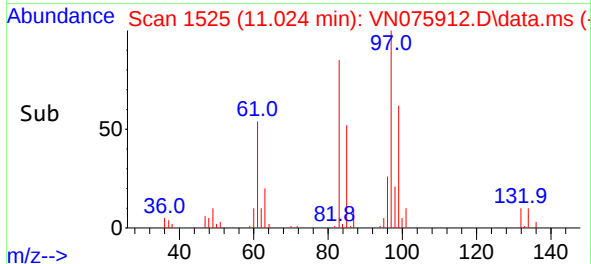
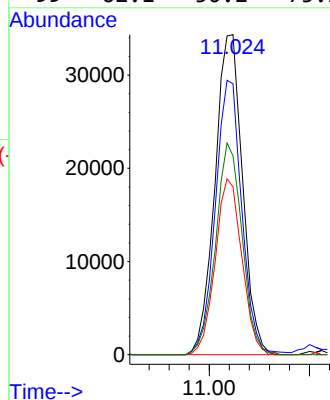
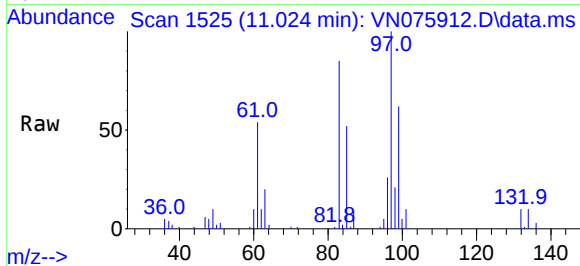


#55
1,1,2-Trichloroethane
Concen: 19.572 ug/l
RT: 11.024 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 97 Resp: 65570

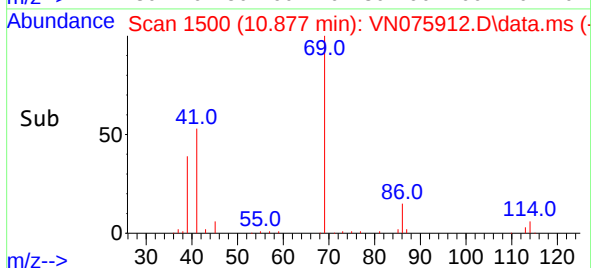
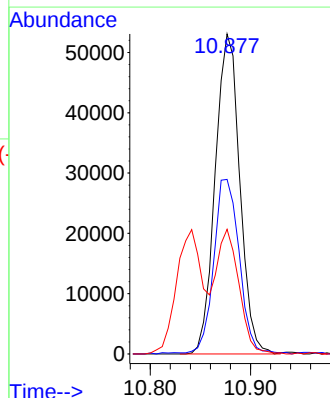
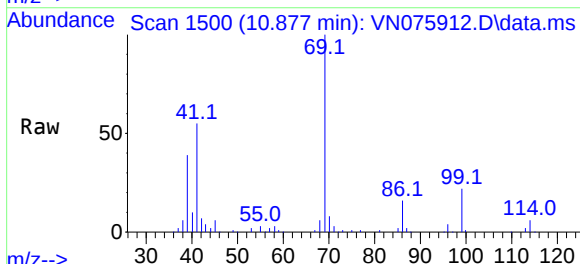
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.0	97.4
85	52.5	43.0	64.6
99	62.1	50.2	75.2

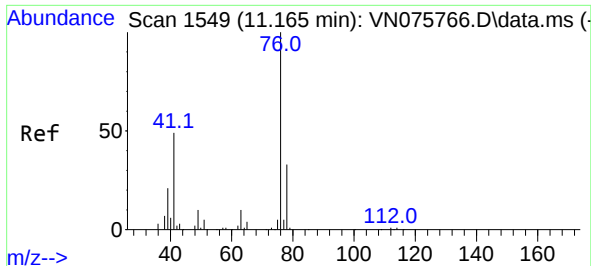


#56
Ethyl methacrylate
Concen: 20.302 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 69 Resp: 90343

Ion	Ratio	Lower	Upper
69	100		
41	57.2	44.2	66.4
39	35.6	26.4	39.6





#57

1,3-Dichloropropane

Concen: 19.517 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

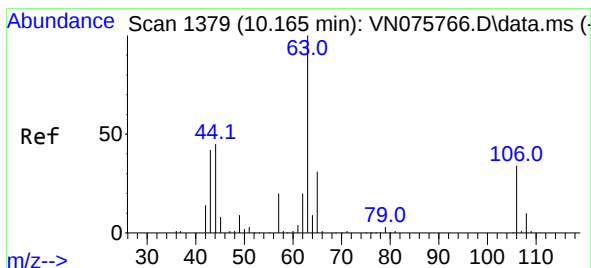
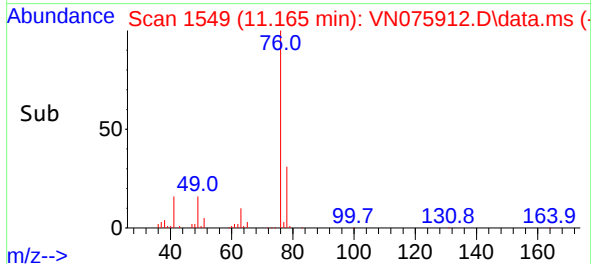
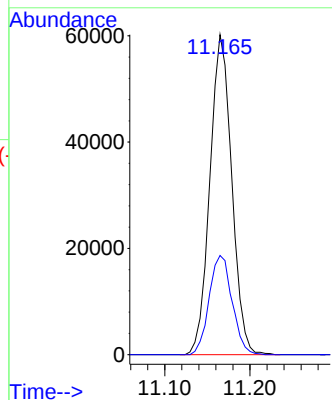
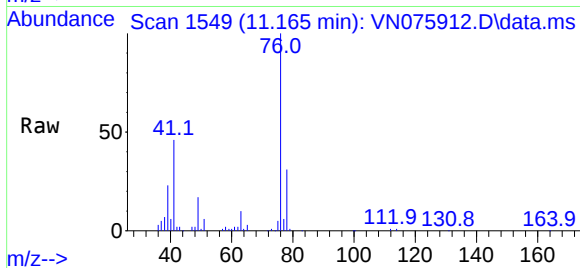
VN1221MBS01

Tgt Ion: 76 Resp: 107255

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 98.240 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075912.D

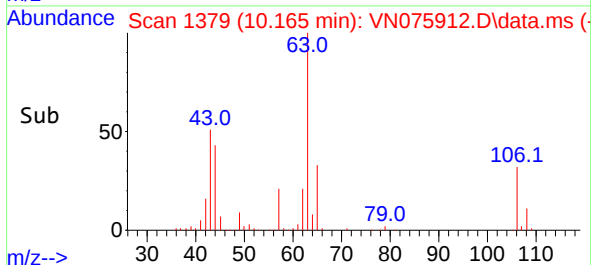
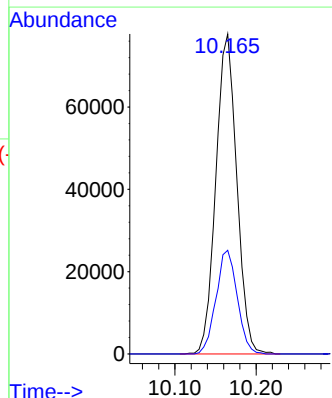
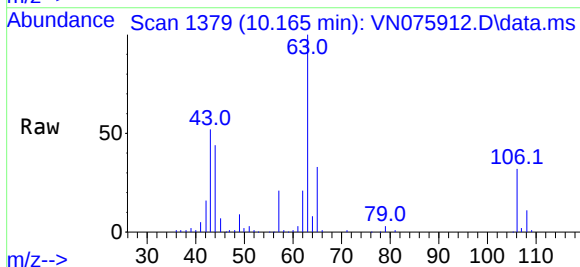
Acq: 21 Dec 2022 12:17

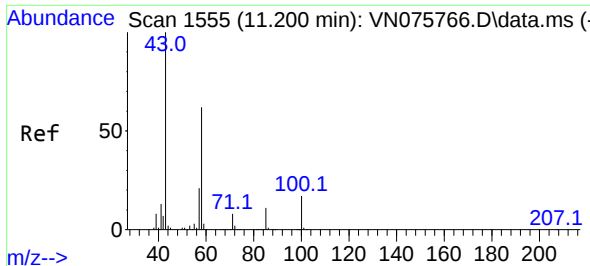
Tgt Ion: 63 Resp: 139186

Ion Ratio Lower Upper

63 100

106 32.8 26.4 39.6

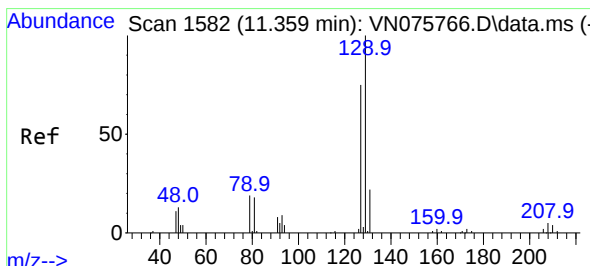
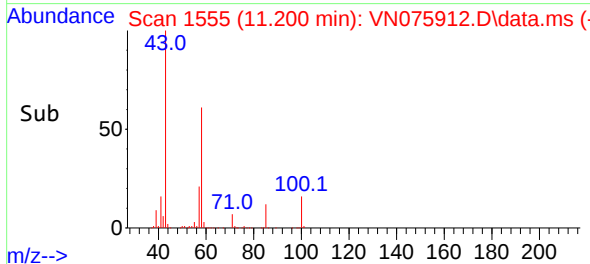
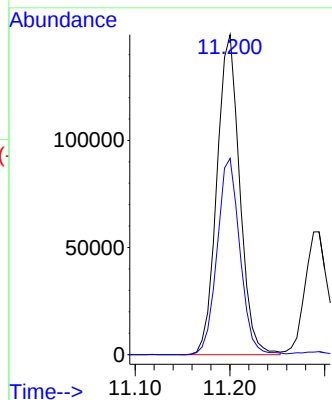
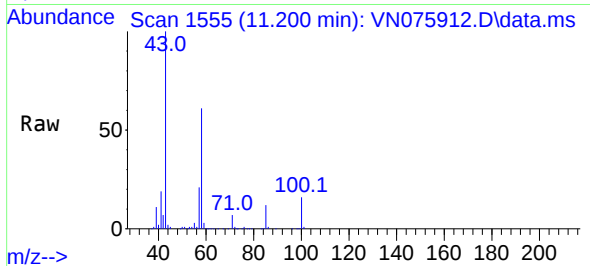




#59
2-Hexanone
Concen: 100.587 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

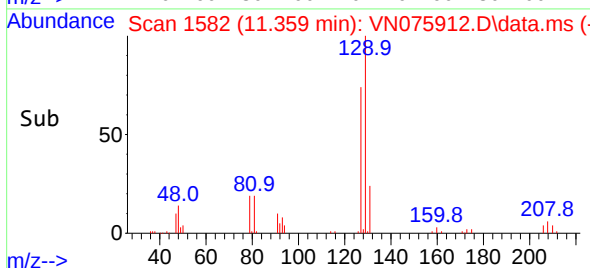
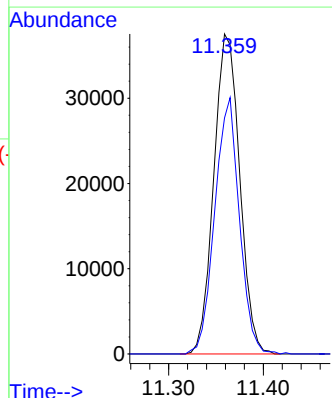
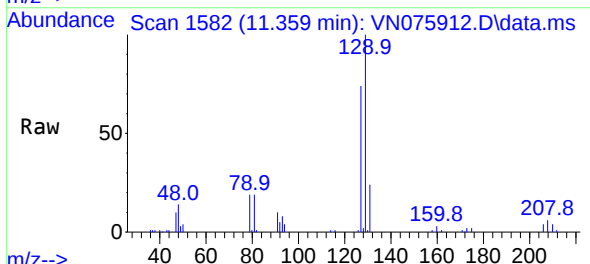
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

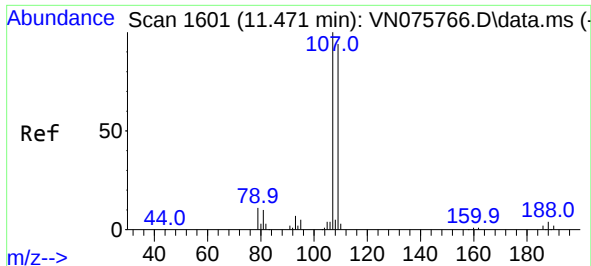
Tgt Ion: 43 Resp: 249685
Ion Ratio Lower Upper
43 100
58 61.3 30.6 92.0



#60
Dibromochloromethane
Concen: 19.175 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 129 Resp: 71442
Ion Ratio Lower Upper
129 100
127 76.1 38.3 114.9

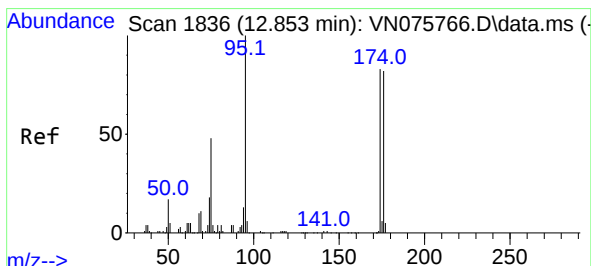
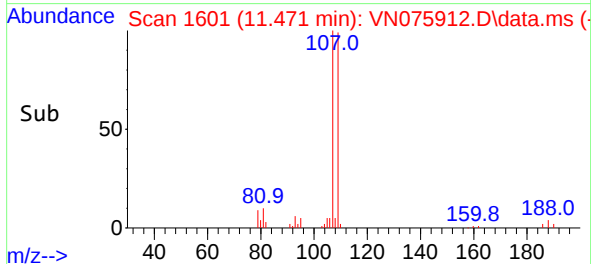
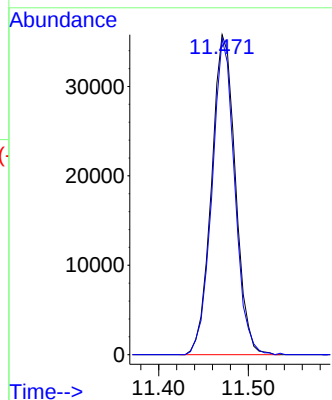
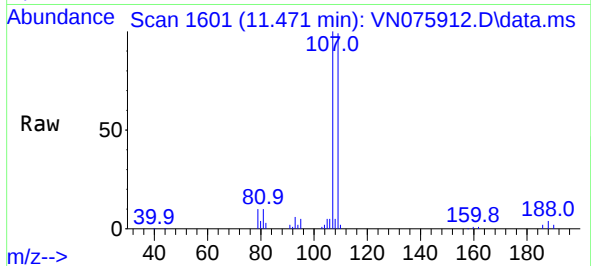




#61
1,2-Dibromoethane
Concen: 19.512 ug/l
RT: 11.471 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

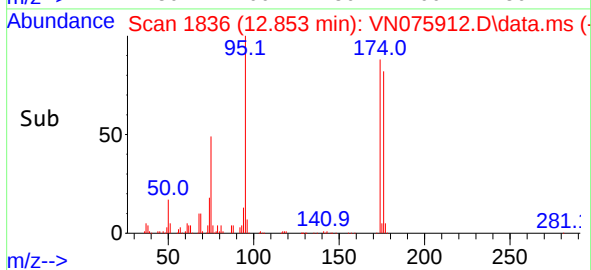
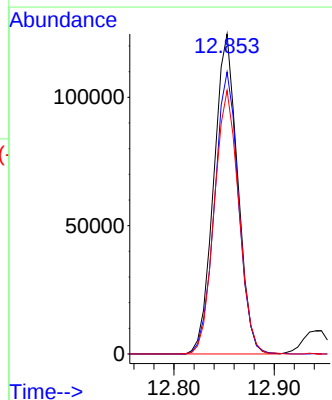
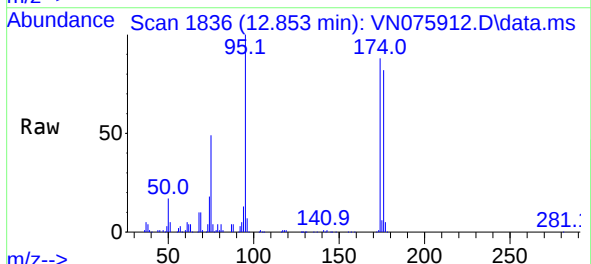
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

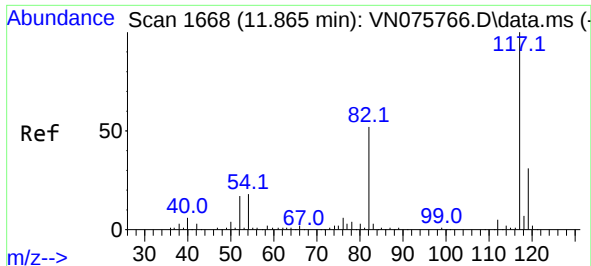
Tgt Ion:107 Resp: 66152
Ion Ratio Lower Upper
107 100
109 94.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 52.067 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 95 Resp: 206176
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 84.3 0.0 169.2

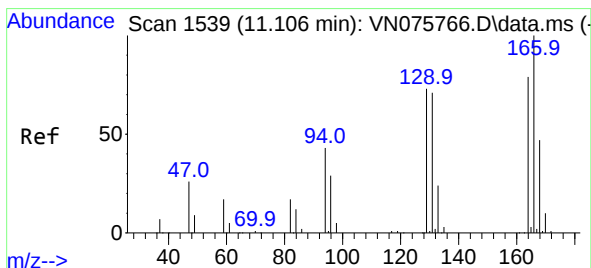
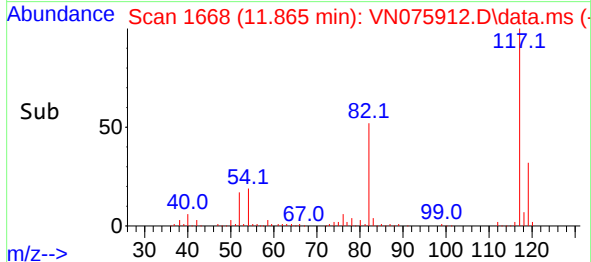
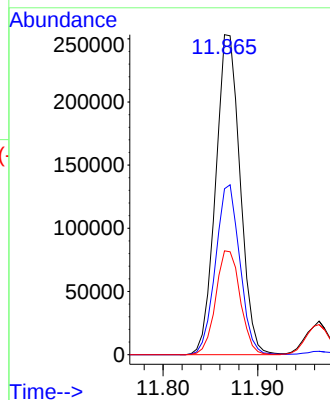
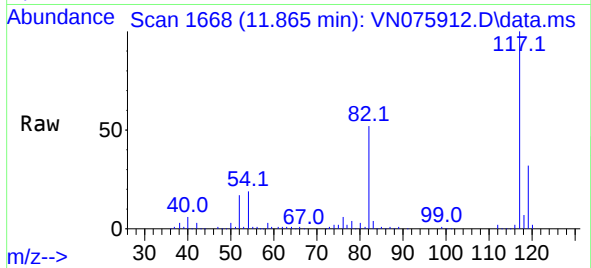




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

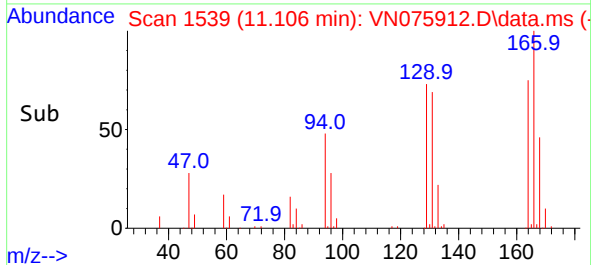
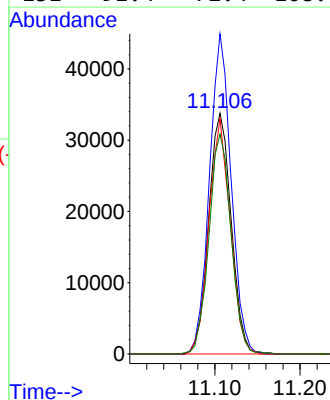
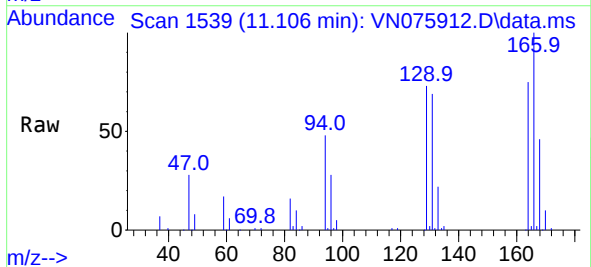
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

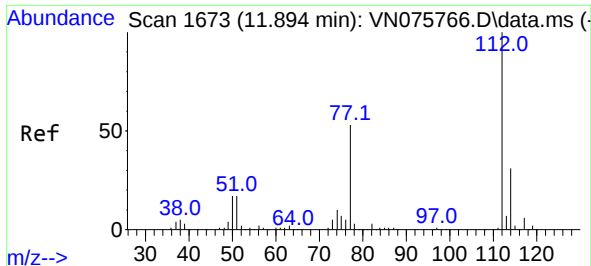
Tgt Ion:117 Resp: 455423
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 32.4 24.6 37.0



#64
Tetrachloroethene
Concen: 19.392 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:164 Resp: 62146
Ion Ratio Lower Upper
164 100
166 132.9 101.9 152.9
129 97.7 74.2 111.2
131 91.4 72.4 108.6

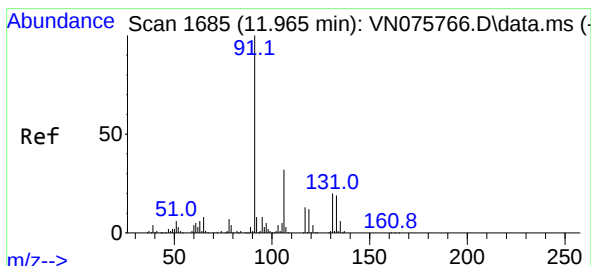
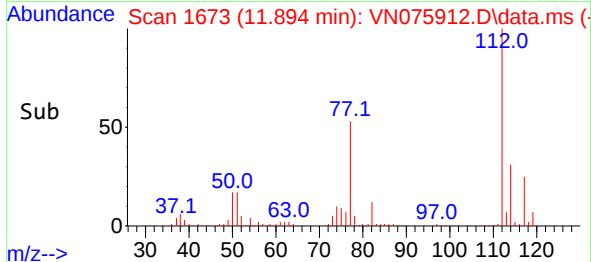
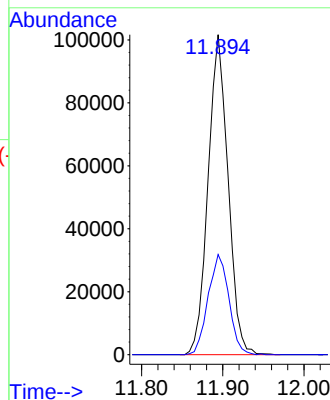
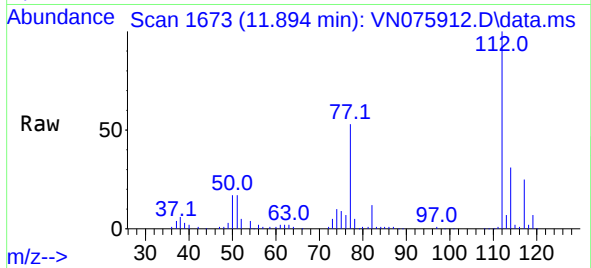




#65
Chlorobenzene
Concen: 18.561 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

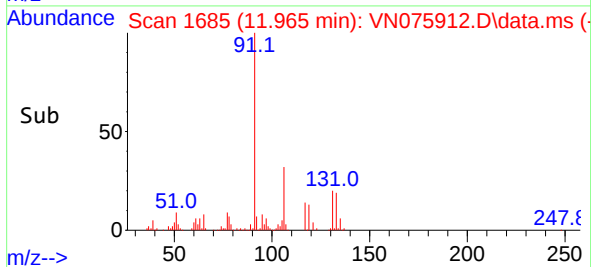
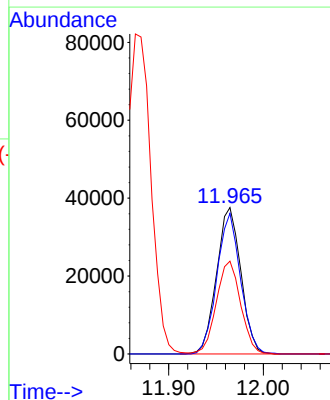
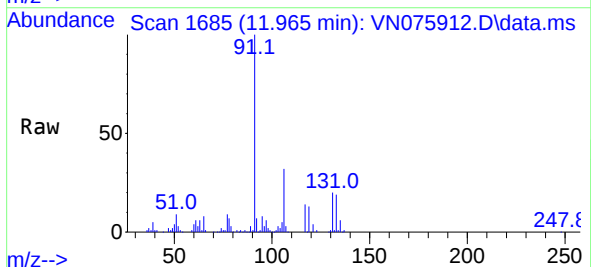
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

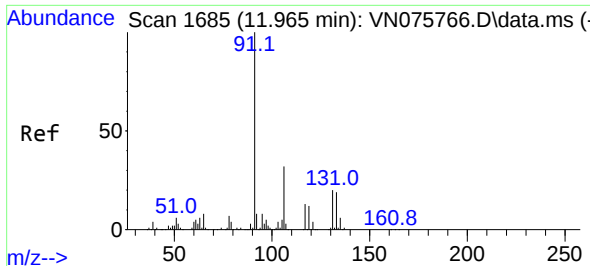
Tgt Ion:112 Resp: 173499
Ion Ratio Lower Upper
112 100
114 31.3 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.343 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:131 Resp: 66972
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.5
119 63.4 31.9 95.7

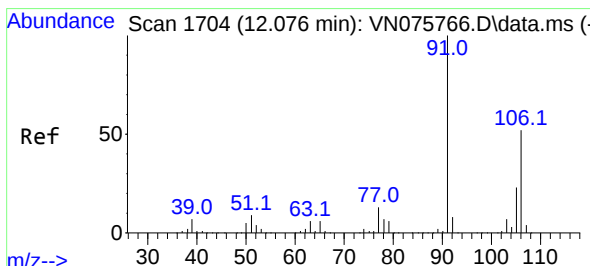
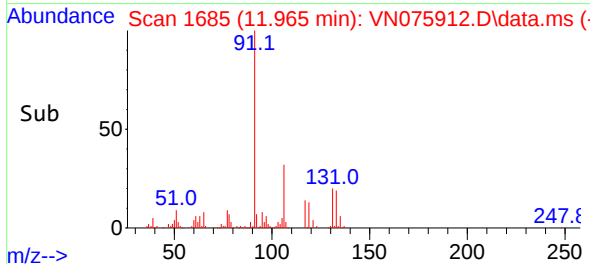
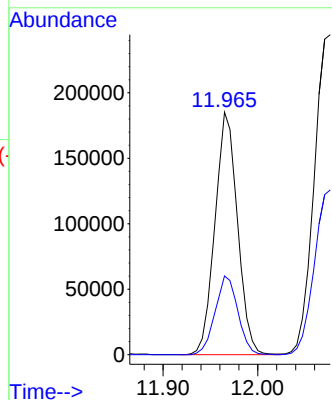
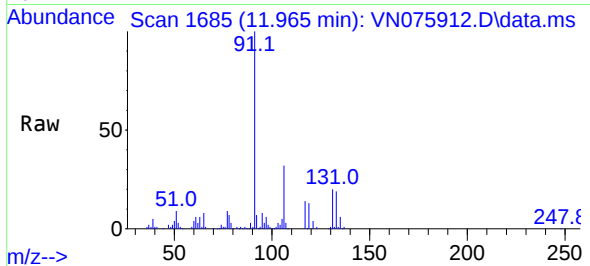




#67
Ethyl Benzene
Concen: 19.460 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

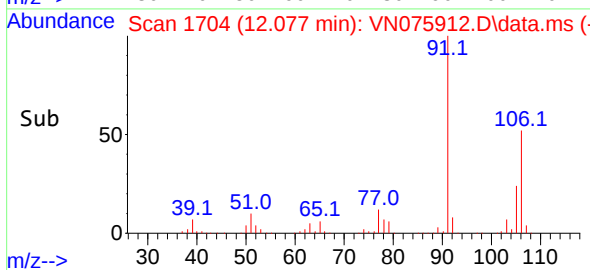
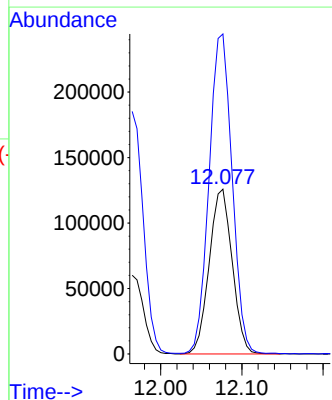
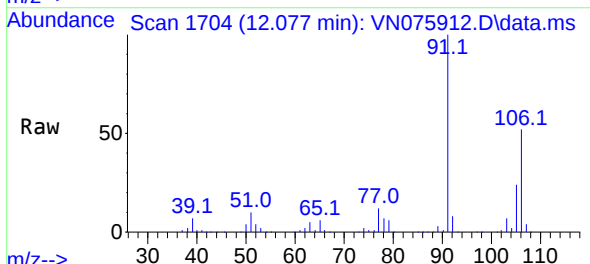
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

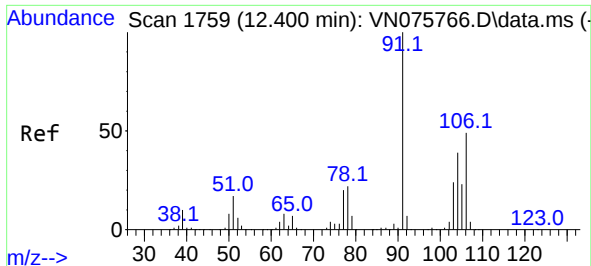
Tgt Ion: 91 Resp: 306998
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 39.648 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:106 Resp: 247570
Ion Ratio Lower Upper
106 100
91 195.0 156.6 235.0

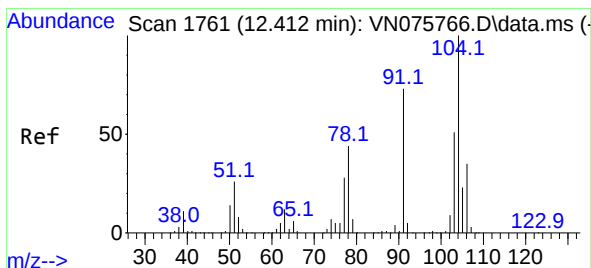
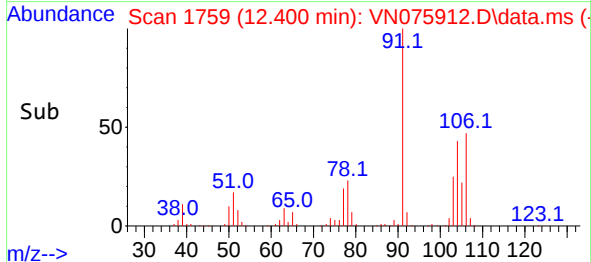
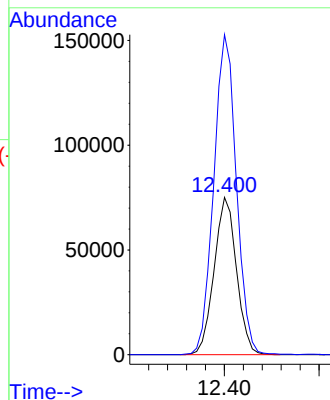
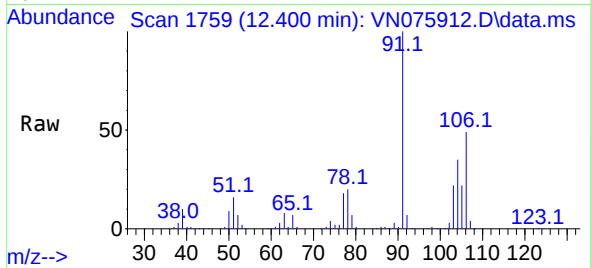




#69
o-Xylene
Concen: 19.917 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

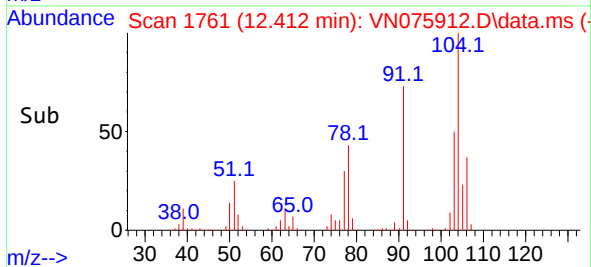
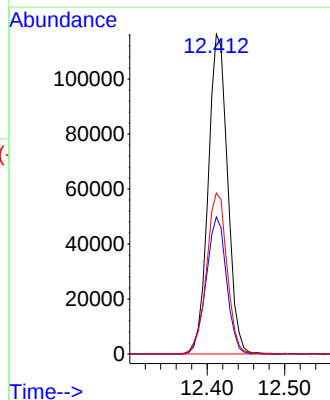
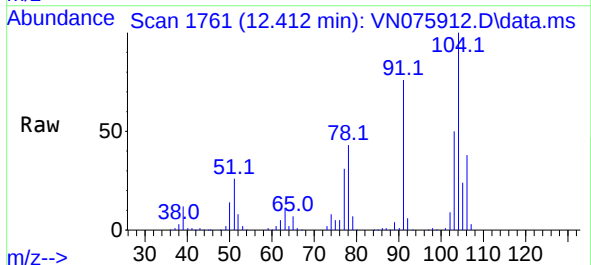
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

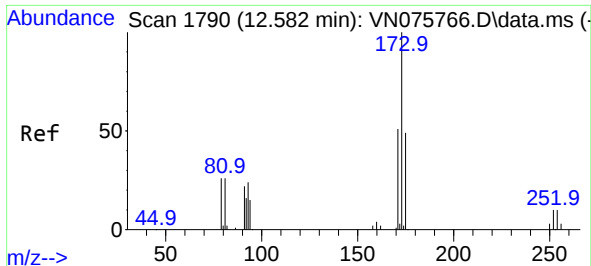
Tgt Ion:106 Resp: 123074
Ion Ratio Lower Upper
106 100
91 205.9 103.8 311.6



#70
Styrene
Concen: 20.505 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:104 Resp: 201466
Ion Ratio Lower Upper
104 100
78 45.2 37.5 56.3
103 53.1 43.5 65.3

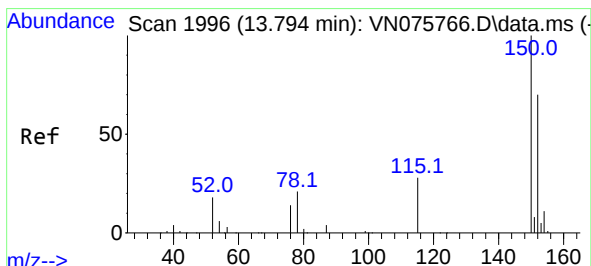
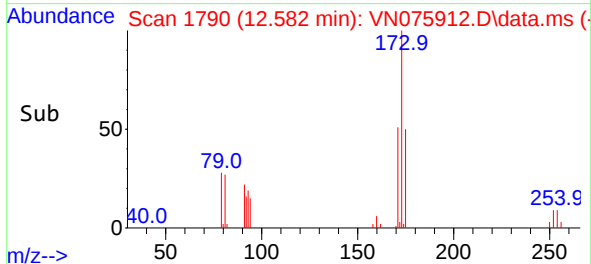
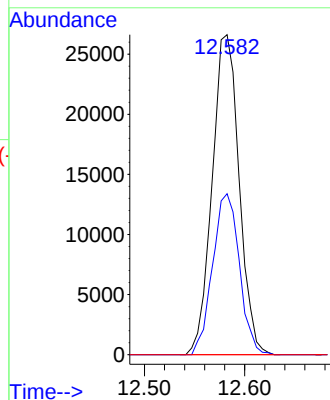
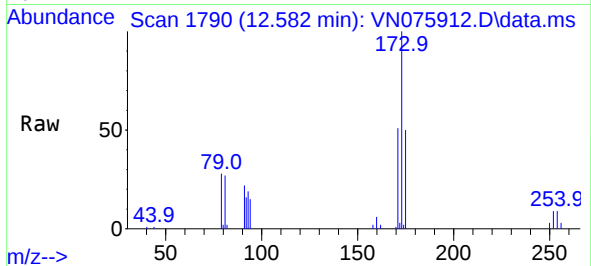




#71
Bromoform
Concen: 19.747 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

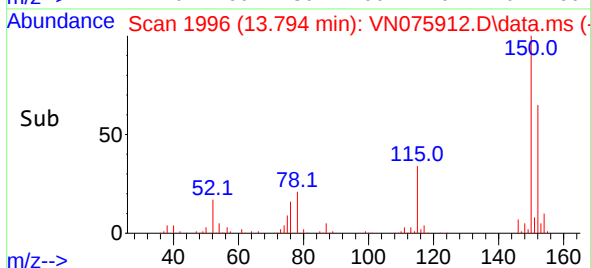
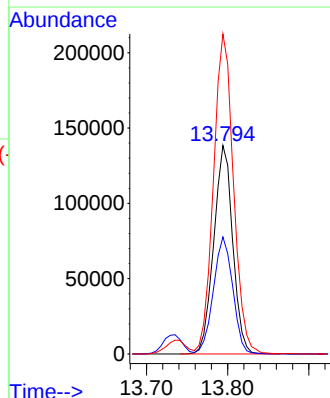
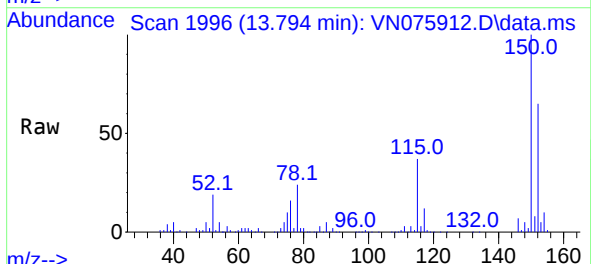
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

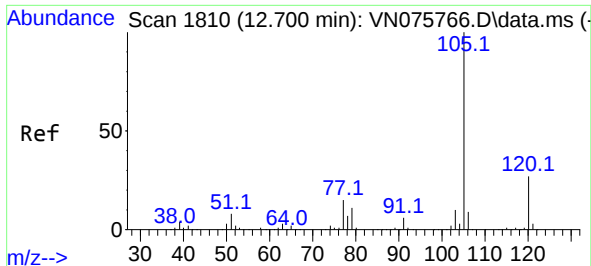
Tgt Ion:173 Resp: 49749
Ion Ratio Lower Upper
173 100
175 50.0 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:152 Resp: 224622
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.4
150 162.0 0.0 347.0

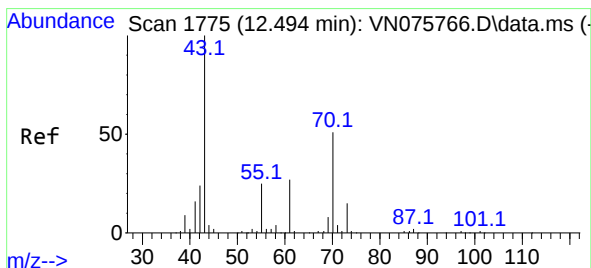
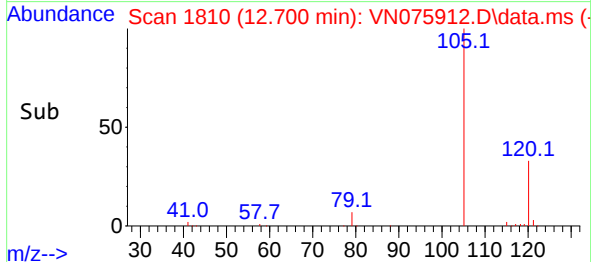
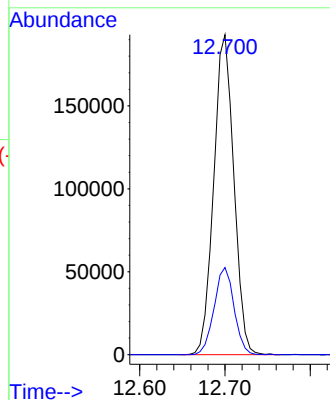
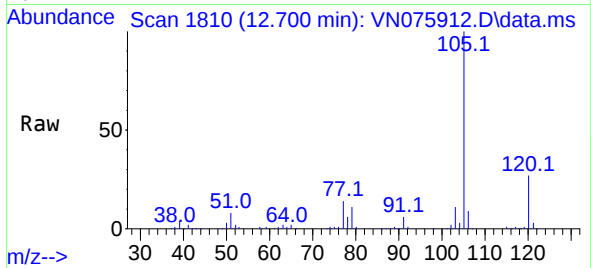




#73
Isopropylbenzene
Concen: 19.493 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

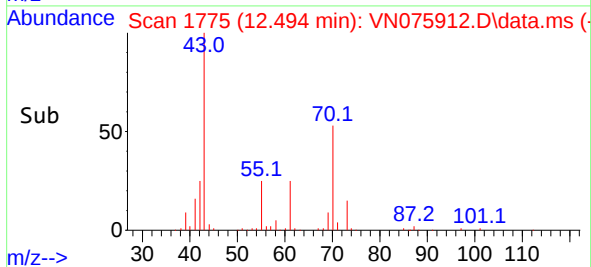
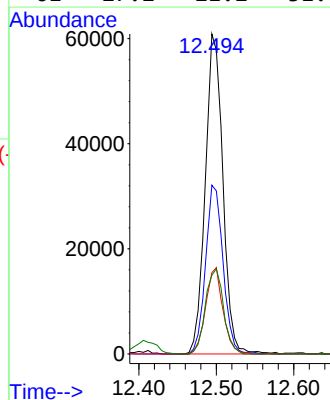
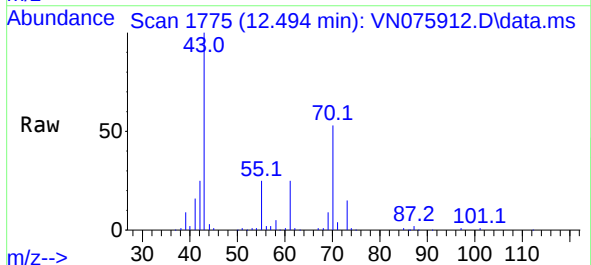
Instrument :
MSVOA_N
ClientSampleId :
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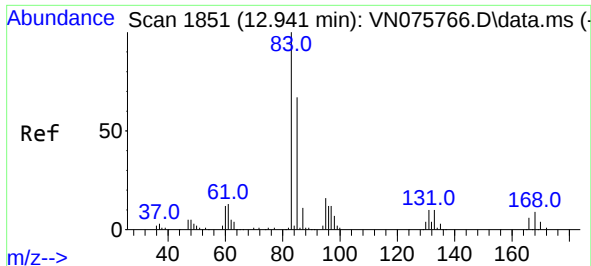
Tgt Ion:105 Resp: 316419
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 20.212 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 43 Resp: 96251
Ion Ratio Lower Upper
43 100
70 52.5 41.4 62.0
55 26.4 21.3 31.9
61 27.2 21.2 31.8

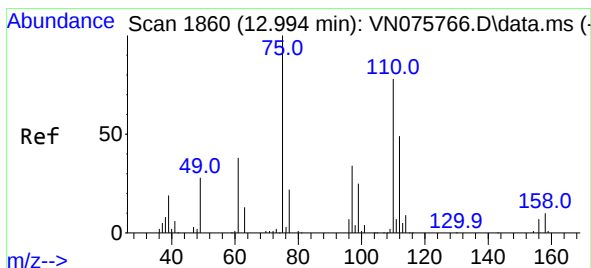
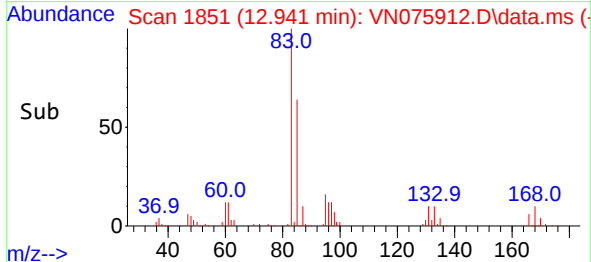
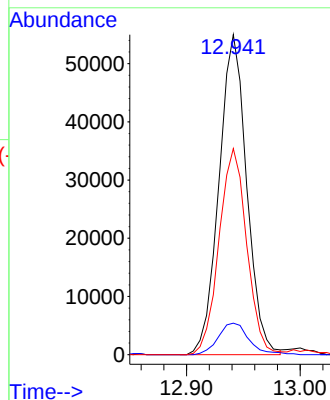
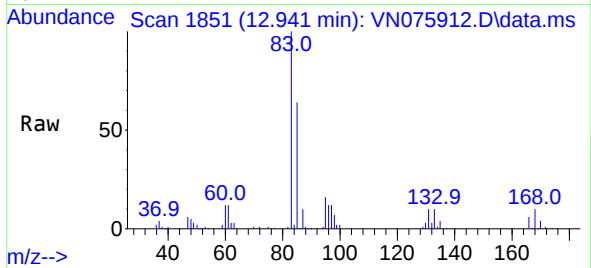




#75
1,1,2,2-Tetrachloroethane
Concen: 18.579 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

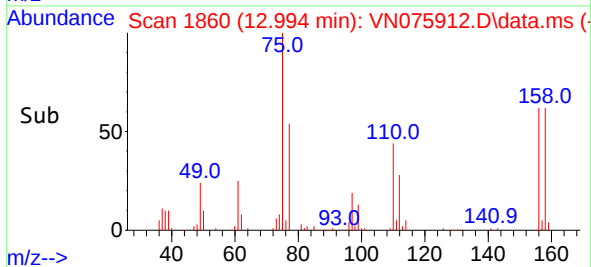
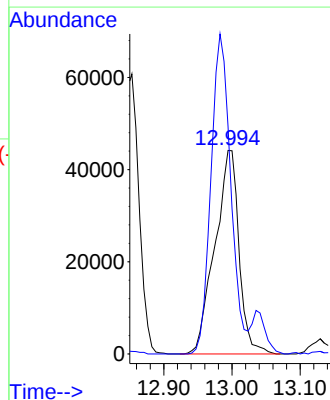
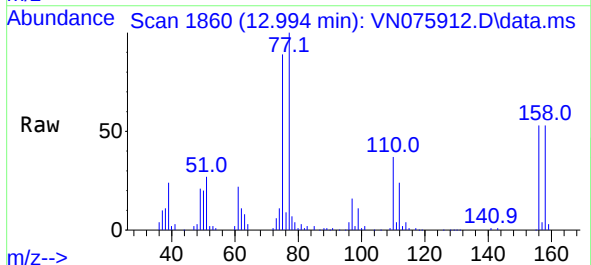
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

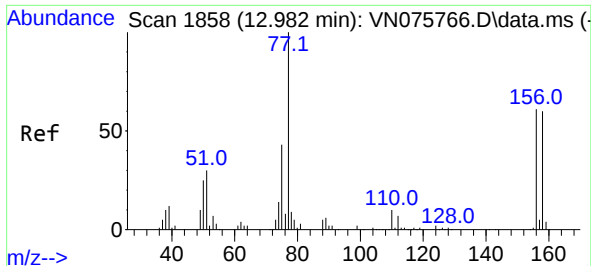
Tgt Ion: 83 Resp: 93228
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 64.5 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 24.008 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 75 Resp: 108706
Ion Ratio Lower Upper
75 100
77 129.6 82.6 247.8

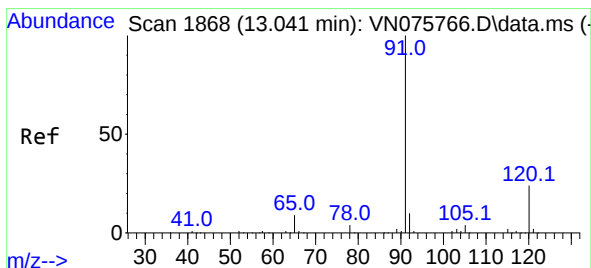
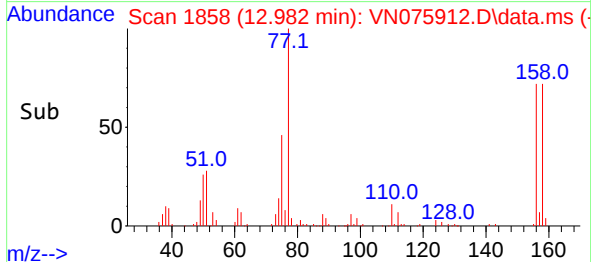
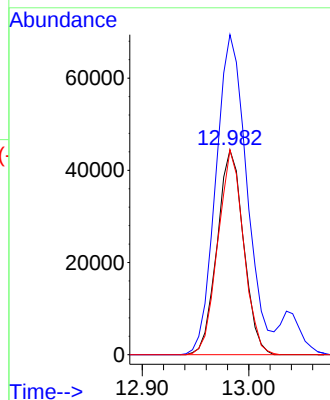
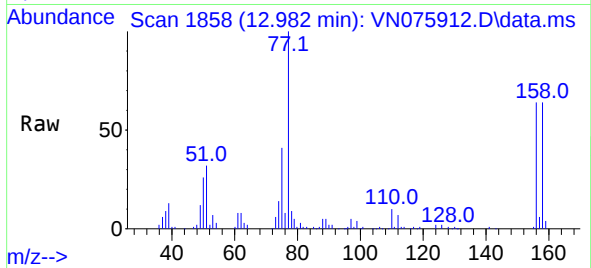




#77
Bromobenzene
Concen: 18.620 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

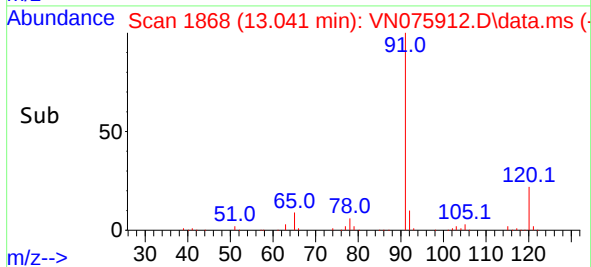
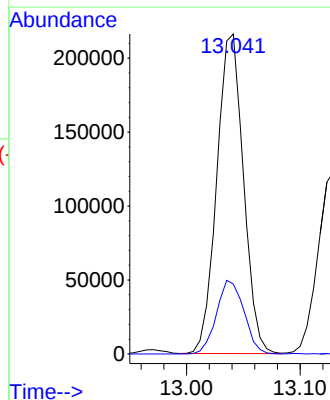
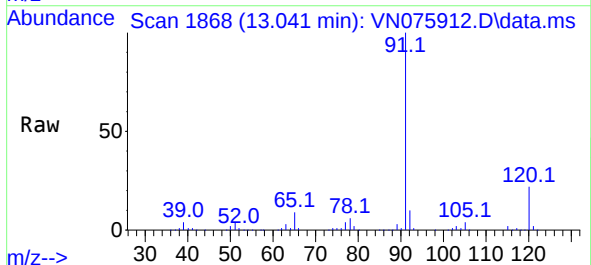
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

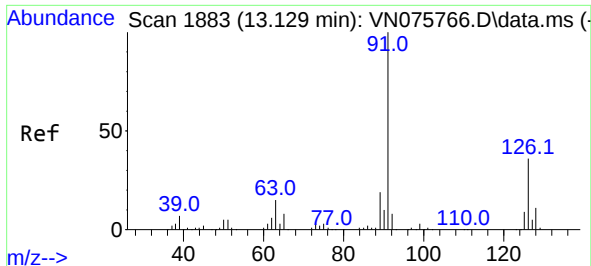
Tgt Ion:156 Resp: 76491
Ion Ratio Lower Upper
156 100
77 184.2 93.8 281.3
158 97.1 48.9 146.6



#78
n-propylbenzene
Concen: 19.699 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 91 Resp: 352682
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.1

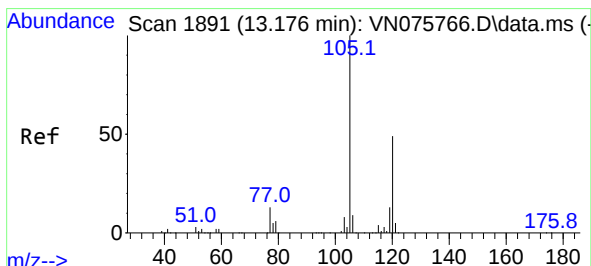
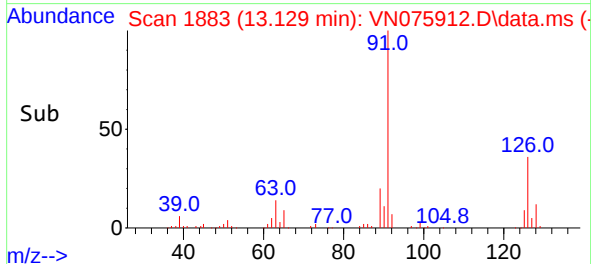
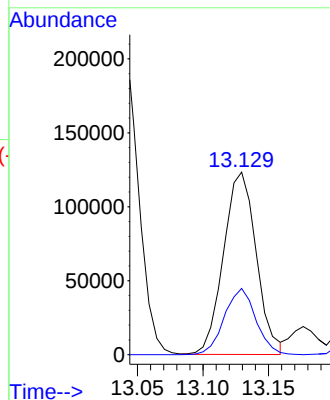
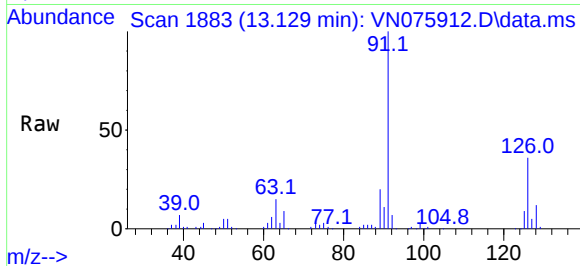




#79
2-Chlorotoluene
Concen: 19.171 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

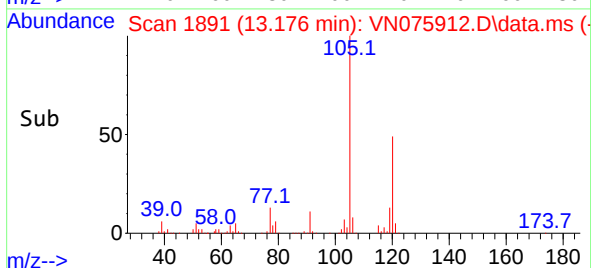
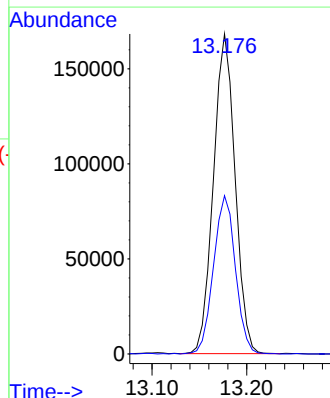
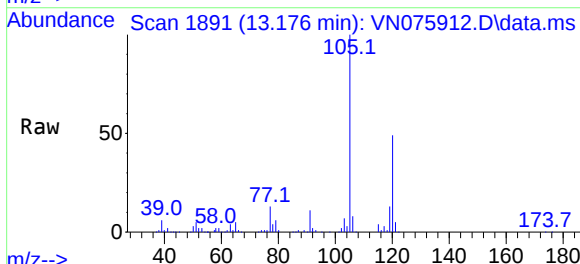
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

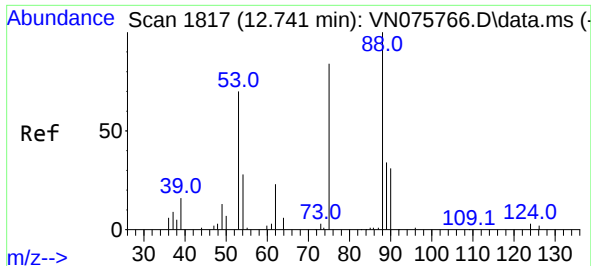
Tgt Ion: 91 Resp: 214245
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 19.697 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:105 Resp: 267593
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1

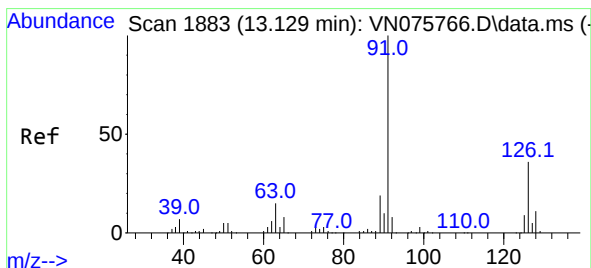
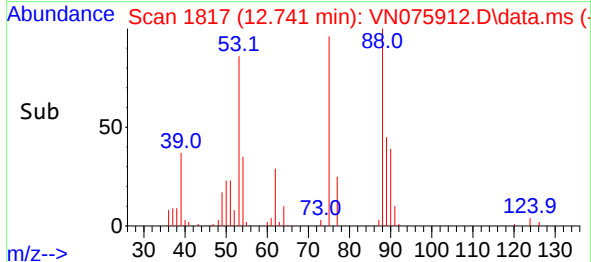
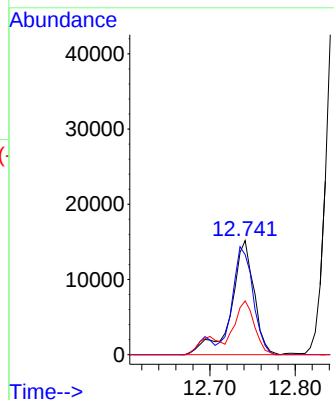
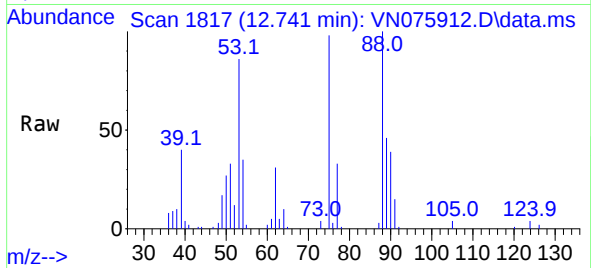




#81
trans-1,4-Dichloro-2-butene
Concen: 22.402 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

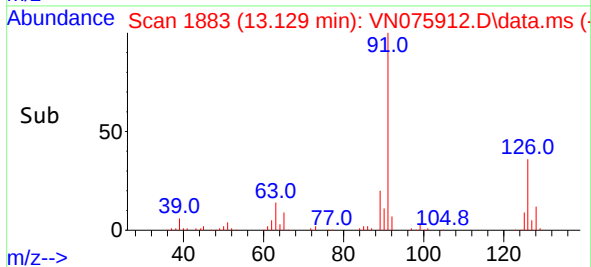
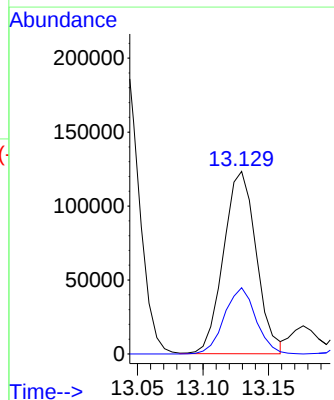
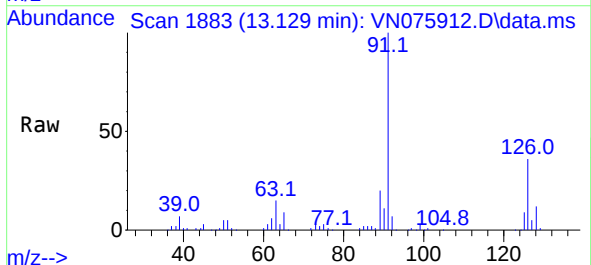
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

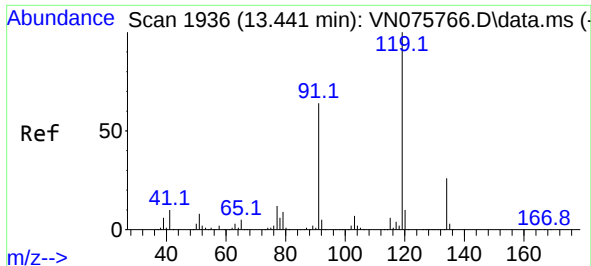
Tgt Ion: 75 Resp: 28180
Ion Ratio Lower Upper
75 100
53 86.0 73.8 110.6
89 40.8 39.5 59.3



#82
4-Chlorotoluene
Concen: 19.171 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 91 Resp: 214245
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5

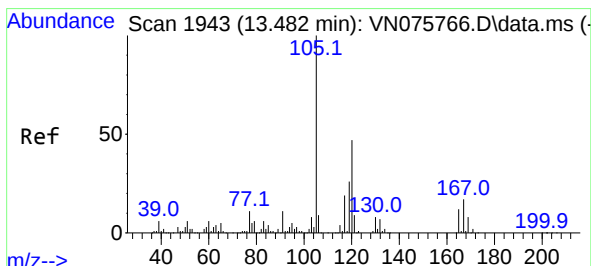
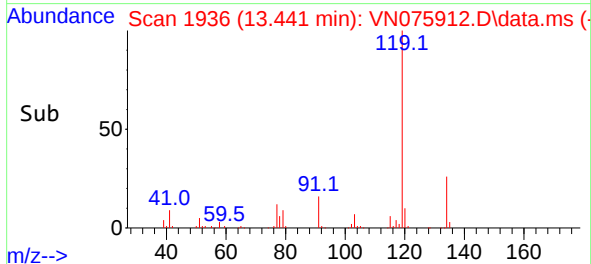
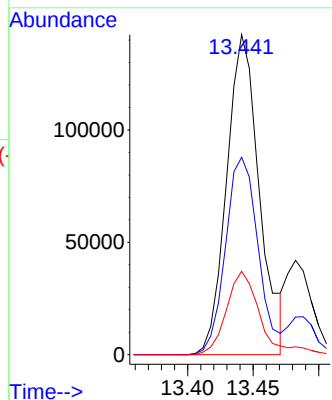
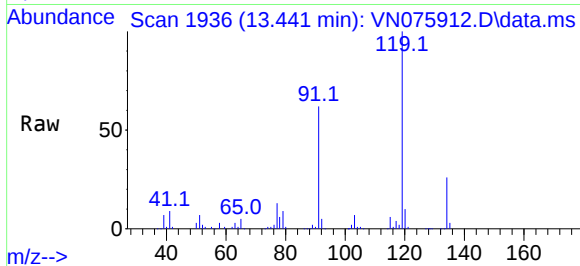




#83
tert-Butylbenzene
Concen: 20.633 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

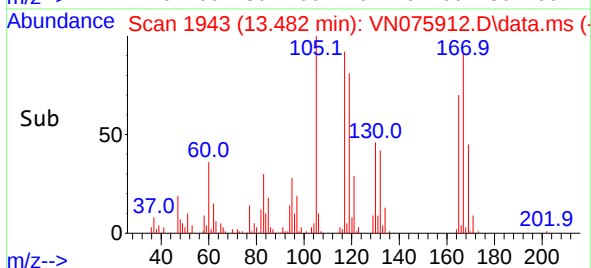
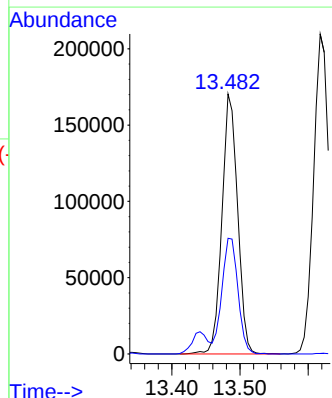
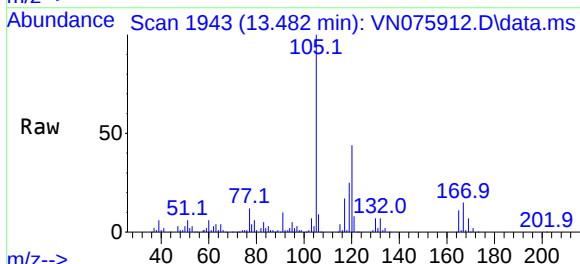
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

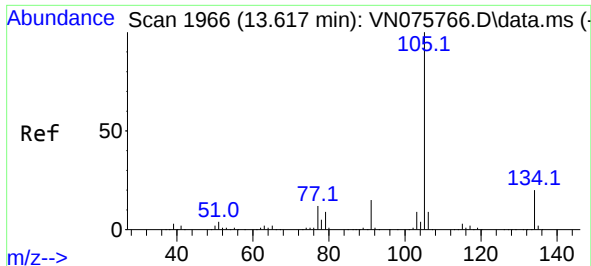
Tgt Ion:119 Resp: 247146
Ion Ratio Lower Upper
119 100
91 61.5 31.9 95.5
134 26.8 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 20.224 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:105 Resp: 272567
Ion Ratio Lower Upper
105 100
120 45.5 23.3 69.8

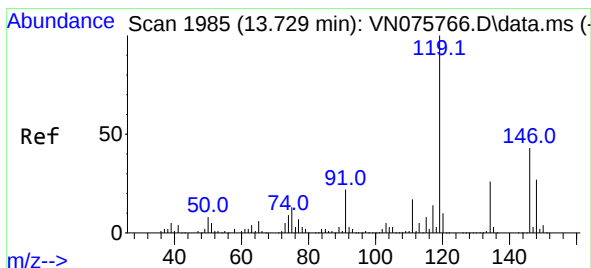
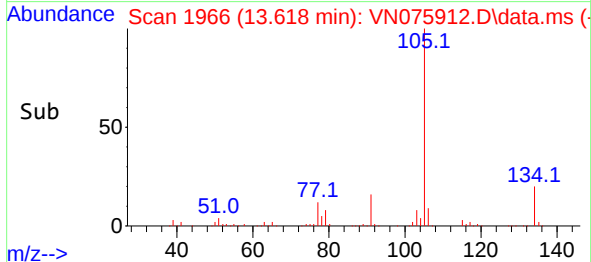
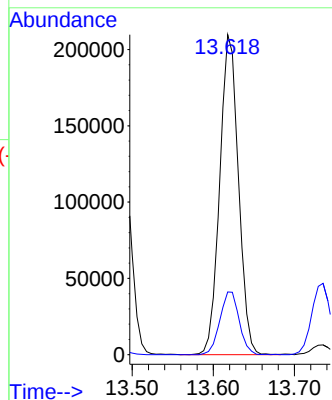
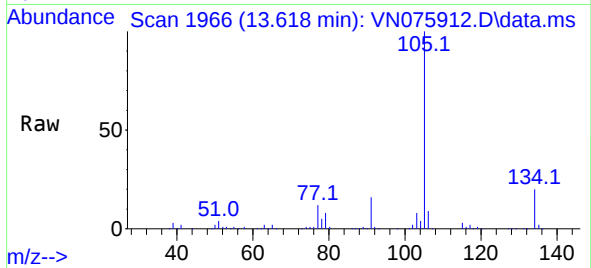




#85
 sec-Butylbenzene
 Concen: 20.344 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

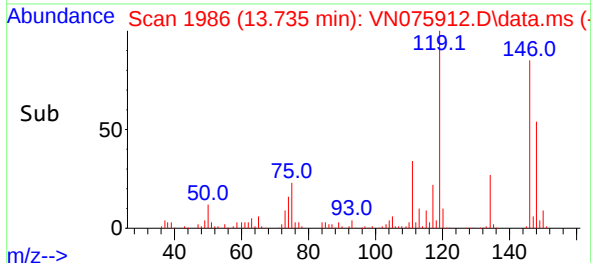
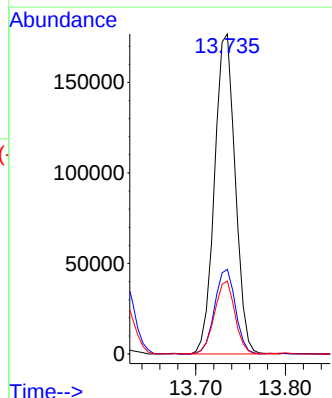
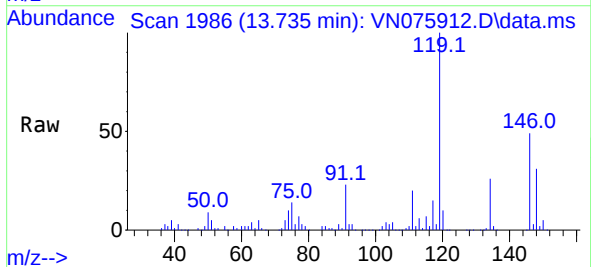
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

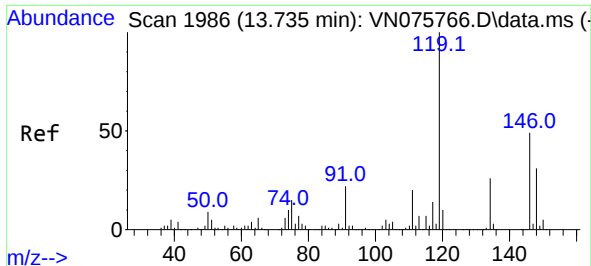
Tgt Ion:105 Resp: 336334
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.559 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

Tgt Ion:119 Resp: 282819
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 22.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 19.088 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

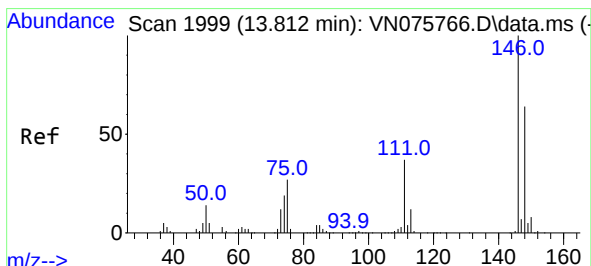
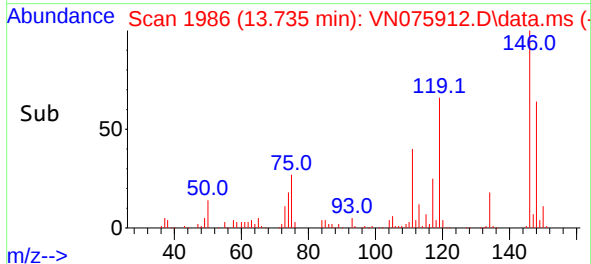
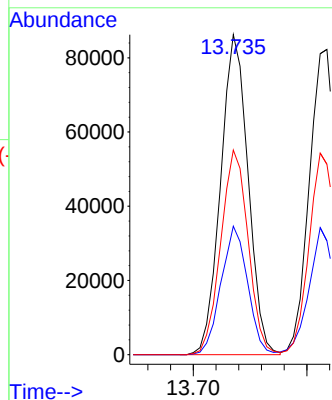
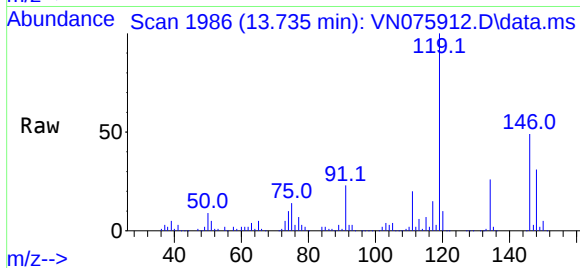
Tgt Ion:146 Resp: 144848

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.0

148 63.8 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 18.316 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

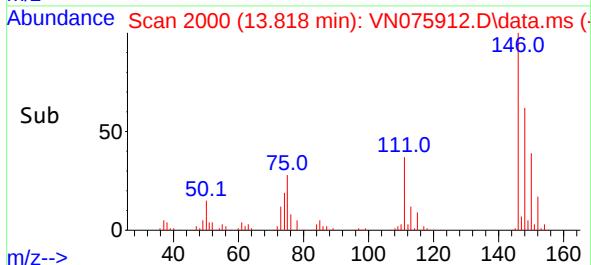
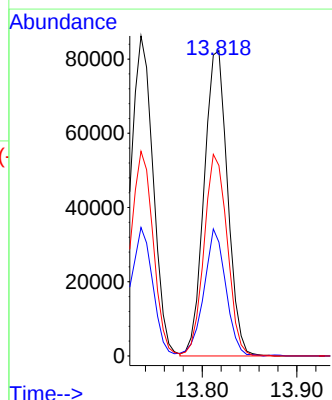
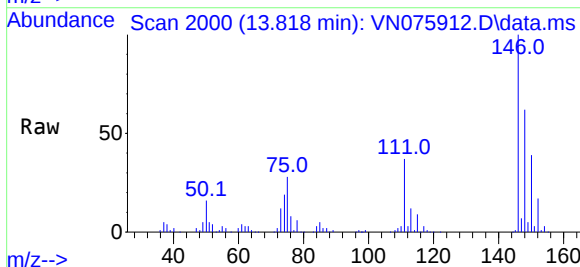
Tgt Ion:146 Resp: 141984

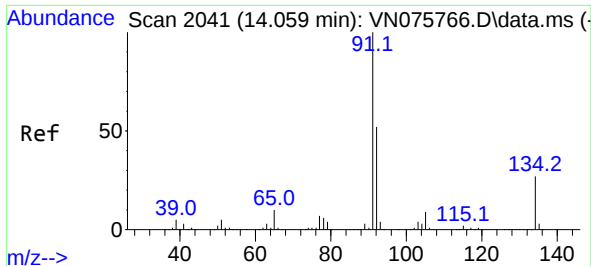
Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.1

148 65.4 32.0 96.2





#89

n-Butylbenzene

Concen: 19.890 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

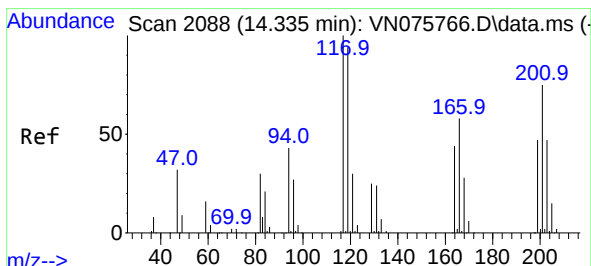
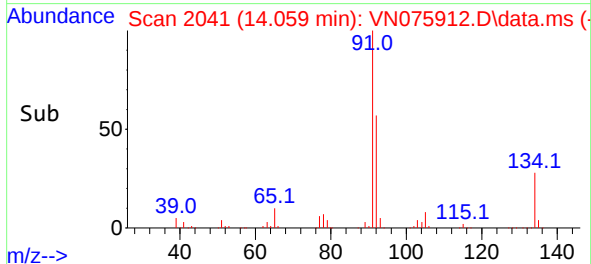
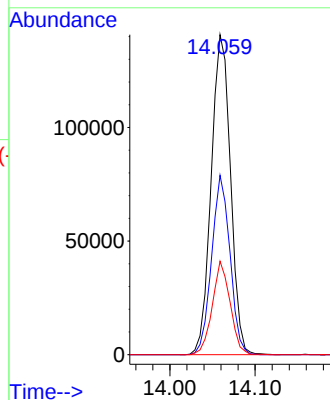
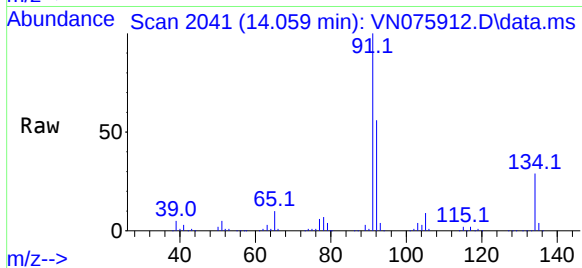
Tgt Ion: 91 Resp: 221668

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

134 27.0 13.4 40.2



#90

Hexachloroethane

Concen: 19.258 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075912.D

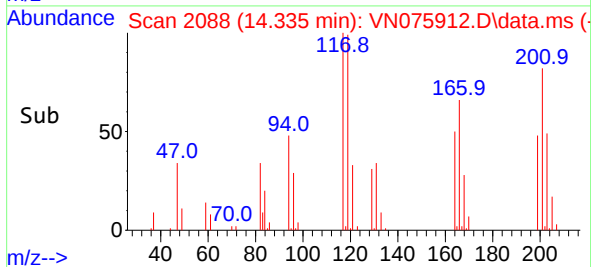
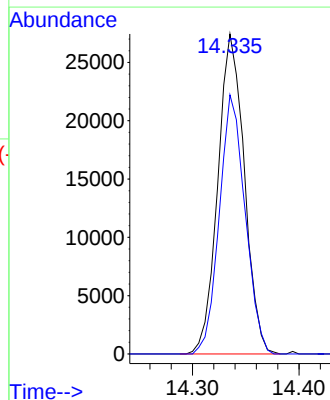
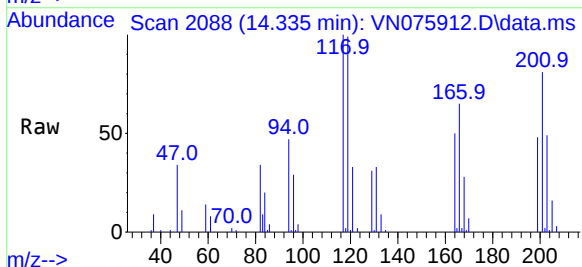
Acq: 21 Dec 2022 12:17

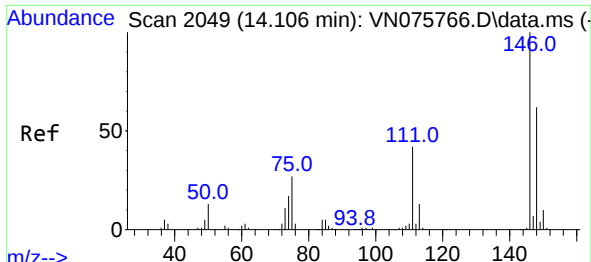
Tgt Ion: 117 Resp: 47390

Ion Ratio Lower Upper

117 100

201 78.7 38.0 114.1

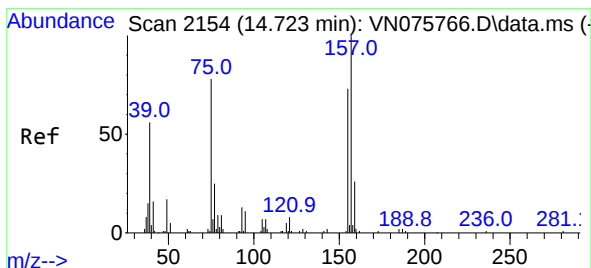
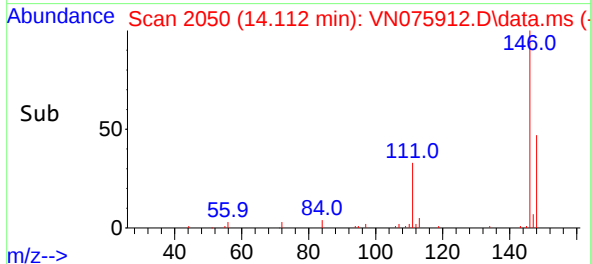
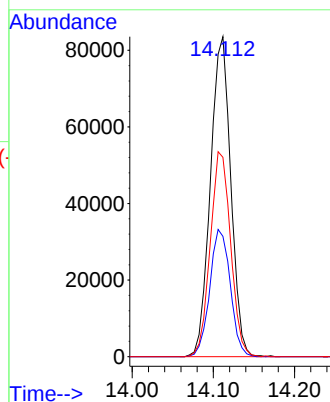
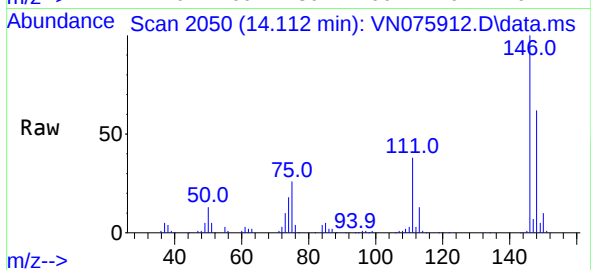




#91
1,2-Dichlorobenzene
Concen: 19.462 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

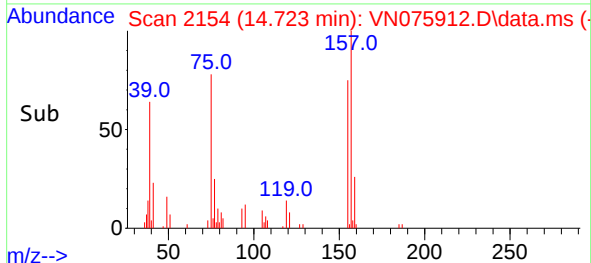
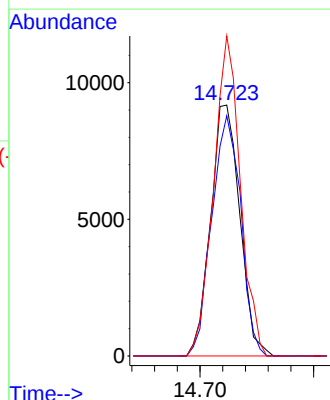
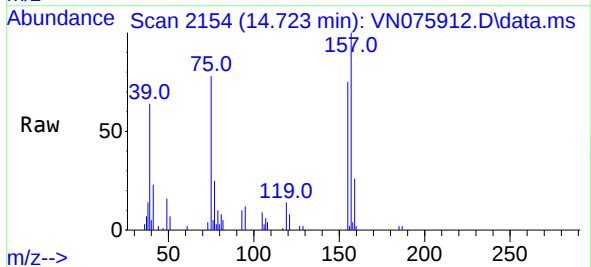
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

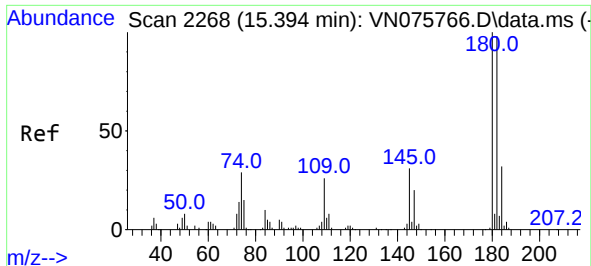
Tgt Ion:146 Resp: 145469
Ion Ratio Lower Upper
146 100
111 40.1 20.3 61.0
148 64.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.387 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 75 Resp: 16372
Ion Ratio Lower Upper
75 100
155 94.9 49.3 147.8
157 116.9 63.7 191.3

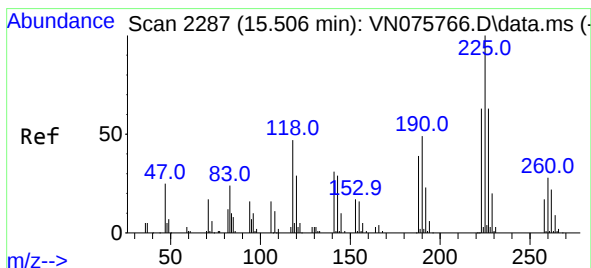
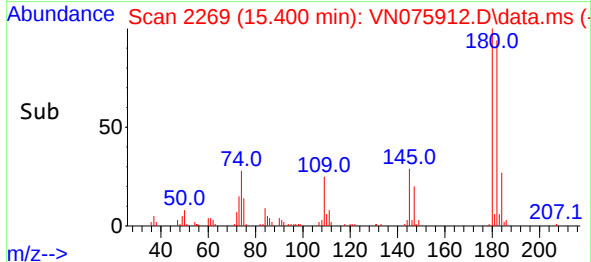
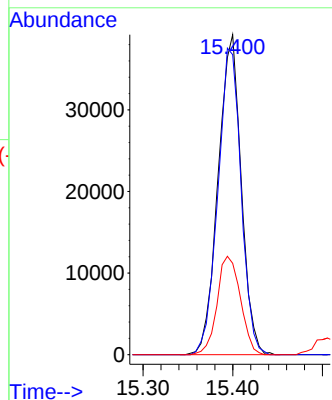
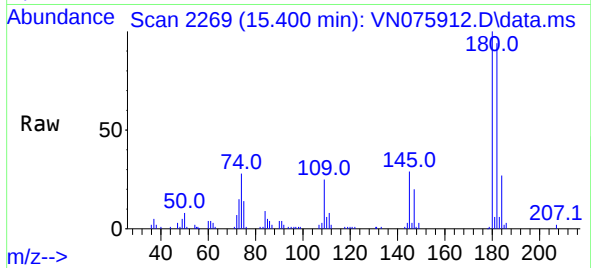




#93
1,2,4-Trichlorobenzene
Concen: 18.900 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

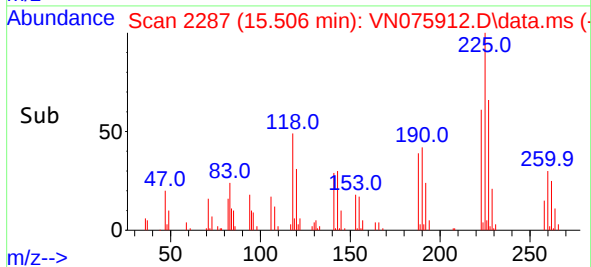
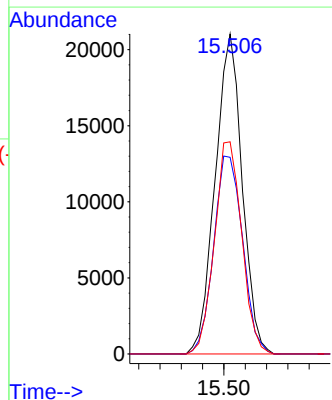
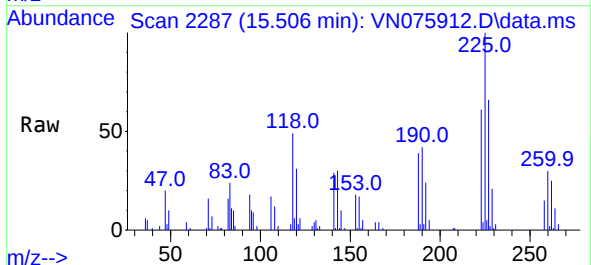
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

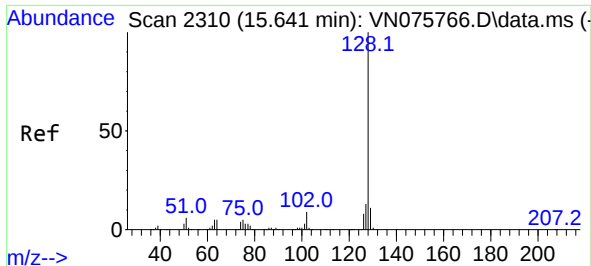
Tgt Ion:180 Resp: 69938
Ion Ratio Lower Upper
180 100
182 96.2 47.5 142.5
145 31.1 15.3 45.8



#94
Hexachlorobutadiene
Concen: 18.318 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:225 Resp: 36982
Ion Ratio Lower Upper
225 100
223 66.3 31.5 94.5
227 67.0 31.6 95.0

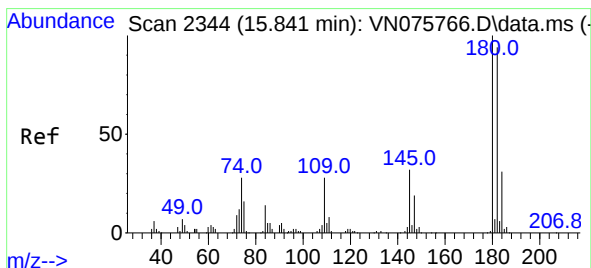
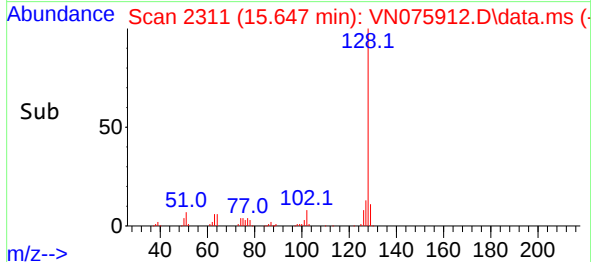
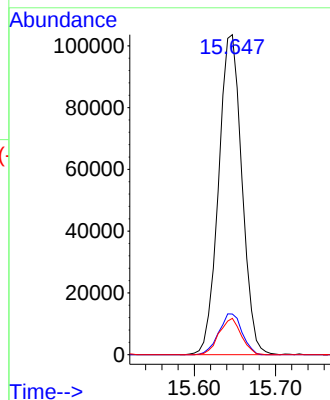
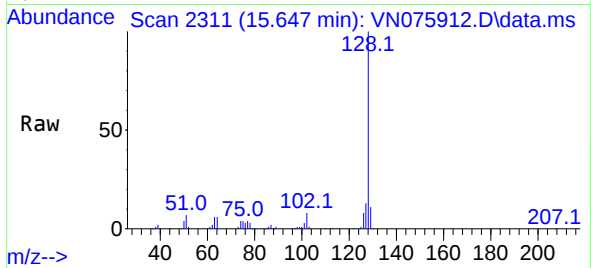




#95
Naphthalene
Concen: 18.380 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:128 Resp: 207095
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.717 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:180 Resp: 68193
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.0
145 32.2 16.0 47.9

