

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075063.D
 Acq On : 28 Oct 2022 16:12
 Operator : JC\MD
 Sample : VN1028WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Quant Time: Oct 31 02:54:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	12336	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	74842	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	68472	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	38971	34.551	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 115.167%#	
60) 4-Bromofluorobenzene	12.853	95	39949	29.694	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.967%	
63) Toluene-d8	10.571	98	115168	30.073	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.233%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	14612	24.332	ug/l	99
3) Chloromethane	2.371	50	16848	21.328	ug/l	98
4) Vinyl Chloride	2.518	62	25653	21.476	ug/l	99
5) Bromomethane	2.912	94	18630	19.727	ug/l	100
6) Chloroethane	3.089	64	20304	22.037	ug/l	99
7) Trichlorofluoromethane	3.483	101	31729	24.684	ug/l	94
8) Diethyl Ether	3.965	74	12199	23.081	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	17071	22.655	ug/l	75
10) 1,1-Dichloroethene	4.342	96	16061	22.725	ug/l	92
11) Methyl Iodide	4.589	142	24041	21.804	ug/l	99
12) Methyl Acetate	5.047	43	27333	22.830	ug/l	98
13) Acrolein	4.183	56	16957	115.637	ug/l	99
14) Acrylonitrile	5.730	53	54167	109.509	ug/l	98
15) Acetone	4.447	58	15740	113.898	ug/l	95
16) Carbon Disulfide	4.706	76	31736	20.397	ug/l	98
17) Allyl chloride	5.012	41	7915	8.358	ug/l	96
18) Methylene Chloride	5.277	84	22038	24.890	ug/l	94
19) trans-1,2-Dichloroethene	5.789	96	17645	22.457	ug/l	93
20) Diisopropyl ether	6.683	45	54484	22.167	ug/l	95
21) 1,1-Dichloroethane	6.577	63	35608	23.325	ug/l	95
22) cis-1,2-Dichloroethene	7.483	96	10442	10.518	ug/l #	1
23) tert-Butyl Alcohol	5.553	59	24997	109.170	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	66937	23.157	ug/l #	90
25) Chloroform	7.965	83	37496	22.233	ug/l	99
26) Cyclohexane	8.265	56	26657	21.737	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	24671	19.218	ug/l	96
30) 2-Butanone	7.488	43	74224	100.298	ug/l	97
31) 2,2-Dichloropropane	7.494	77	30952	19.738	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	32693	19.664	ug/l	99
33) Carbon Tetrachloride	8.371	117	27101	18.512	ug/l	97
34) Benzene	8.612	78	79176	20.174	ug/l #	95
35) Methacrylonitrile	7.782	41	14713	20.743	ug/l	94
36) 1,2-Dichloroethane	8.671	62	30041	20.658	ug/l	99
37) Trichloroethene	9.353	130	18819	19.296	ug/l	100
38) Methylcyclohexane	9.600	83	30153	18.943	ug/l	95
39) 1,2-Dichloropropane	9.624	63	20171	20.416	ug/l	90
40) Dibromomethane	9.712	93	14501	19.346	ug/l	96
41) Bromodichloromethane	9.894	83	28337	19.417	ug/l	96
42) Vinyl Acetate	6.612	43	203503	97.627	ug/l #	90

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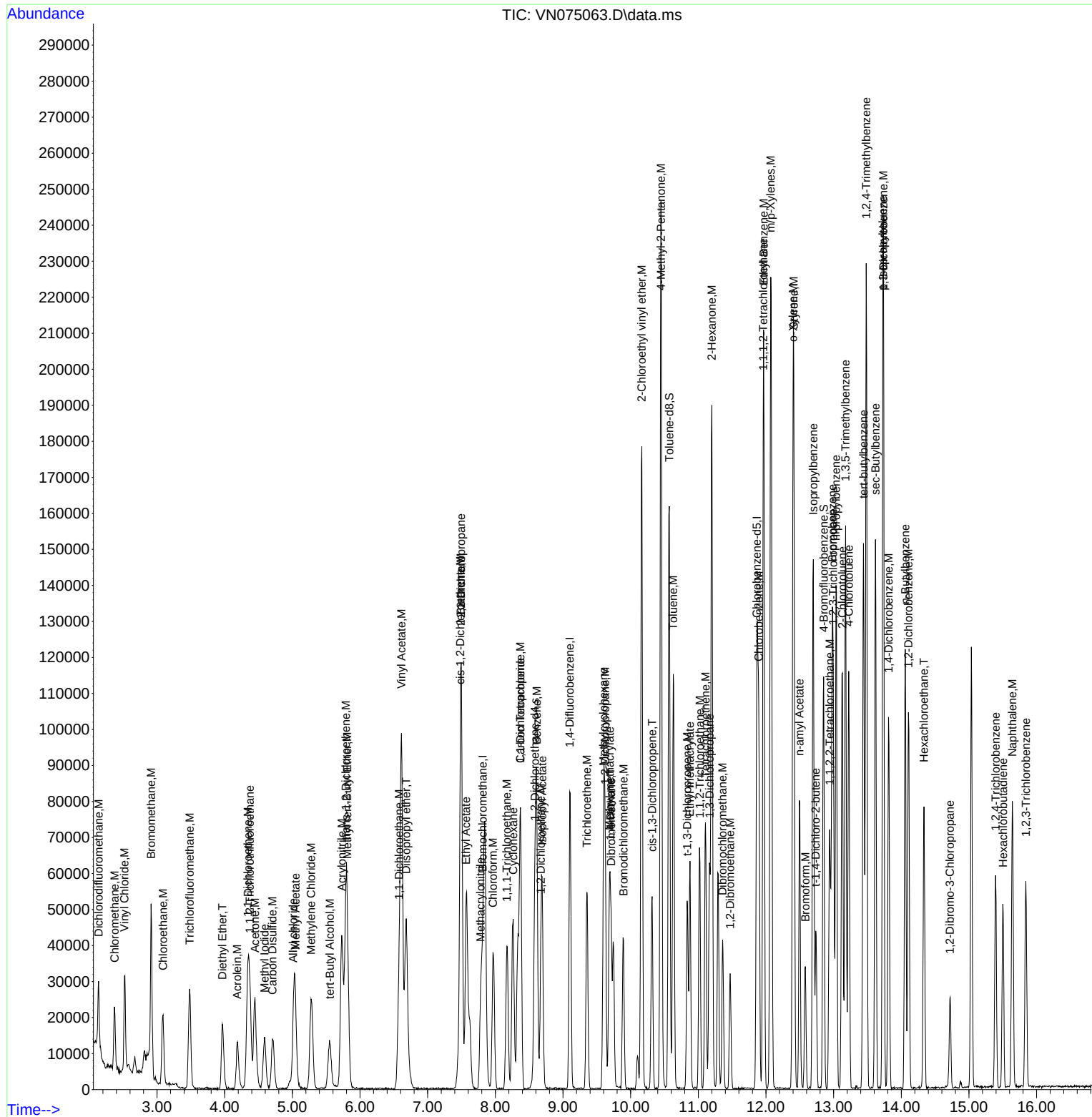
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	28704	19.626	ug/l	99
44) Isopropyl Acetate	8.694	43	45031	19.195	ug/l	95
45) 1,4-Dioxane	9.700	88	11708	405.469	ug/l #	91
46) Methyl methacrylate	9.688	41	20856	19.818	ug/l	88
47) n-amyl Acetate	12.494	43	40720	20.205	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	29380	18.428	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	31429	18.756	ug/l	91
50) 1,1,2-Trichloroethane	11.023	97	21637	19.703	ug/l	98
51) Ethyl methacrylate	10.876	69	32796	19.168	ug/l	90
52) 1,3-Dichloropropane	11.165	76	36279	19.752	ug/l	100
53) Dibromochloromethane	11.359	129	21833	18.382	ug/l	99
54) 1,2-Dibromoethane	11.470	107	21552	18.970	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	80680	115.416	ug/l	98
56) Bromoform	12.582	173	13920	15.963	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	153030	103.614	ug/l	95
59) 2-Hexanone	11.200	43	117494	103.703	ug/l	93
61) Tetrachloroethene	11.106	164	16572	21.763	ug/l	86
62) Toluene	10.629	91	89818	20.260	ug/l	98
64) Chlorobenzene	11.894	112	54762	19.933	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	19709	18.780	ug/l	95
66) Ethyl Benzene	11.965	91	97591	19.533	ug/l	100
67) m/p-Xylenes	12.070	106	76953	38.404	ug/l	96
68) o-Xylene	12.400	106	40224	19.971	ug/l	93
69) Styrene	12.412	104	62244	18.897	ug/l	99
70) Isopropylbenzene	12.700	105	101121	19.269	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	34586	20.232	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	43595	28.084	ug/l	48
73) Bromobenzene	12.982	156	21293	18.229	ug/l	88
74) n-propylbenzene	13.035	91	114910	19.553	ug/l	100
75) 2-Chlorotoluene	13.129	91	70179	19.623	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	84531	19.015	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	9466	17.458	ug/l	97
78) 4-Chlorotoluene	13.223	91	68901	19.835	ug/l	98
79) tert-butylbenzene	13.441	119	74710	18.822	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	86621	19.155	ug/l #	81
81) sec-Butylbenzene	13.617	105	107926	19.341	ug/l	99
82) p-Isopropyltoluene	13.729	119	85559	18.175	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	43023	18.625	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	42116	18.898	ug/l	98
85) n-Butylbenzene	14.059	91	69976	18.533	ug/l	97
86) Hexachloroethane	14.335	117	15225	17.453	ug/l	92
87) 1,2-Dichlorobenzene	14.106	146	42487	18.595	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	6983	19.434	ug/l	96
89) 1,2,4-Trichlorobenzene	15.394	180	19141	18.966	ug/l	97
90) Hexachlorobutadiene	15.506	225	9018	19.429	ug/l	98
91) Naphthalene	15.641	128	73204	18.302	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	18633	18.239	ug/l	98

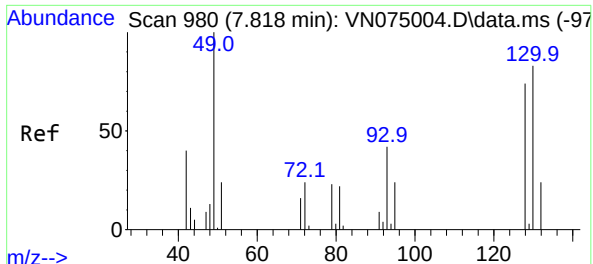
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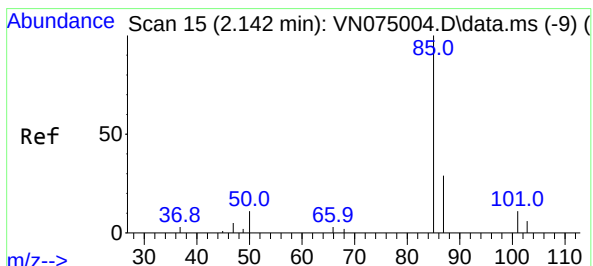
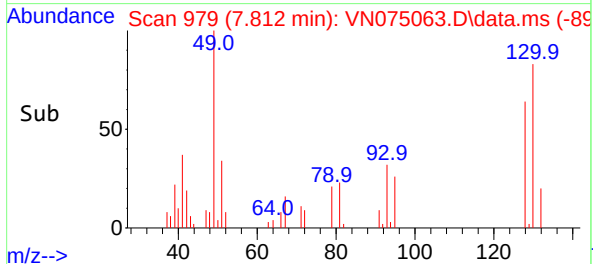
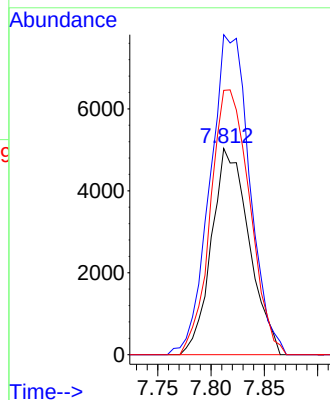
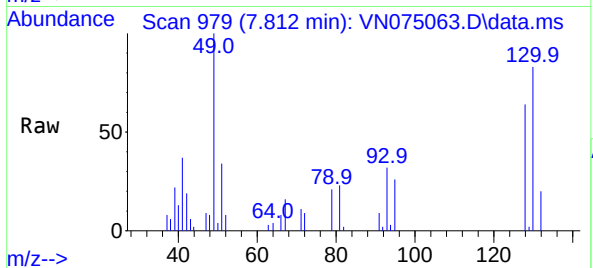




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075063.D
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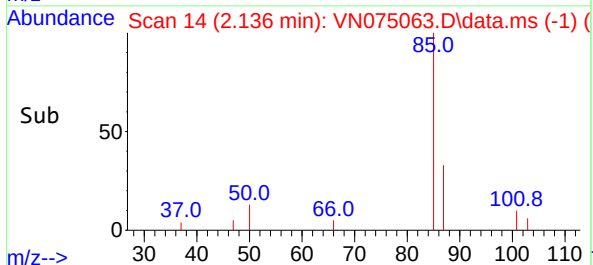
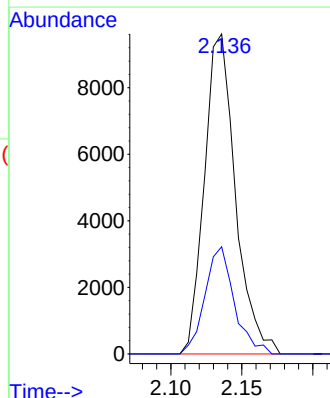
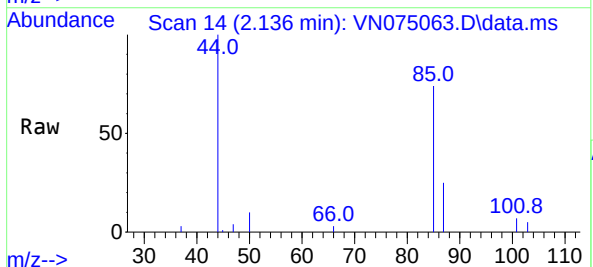
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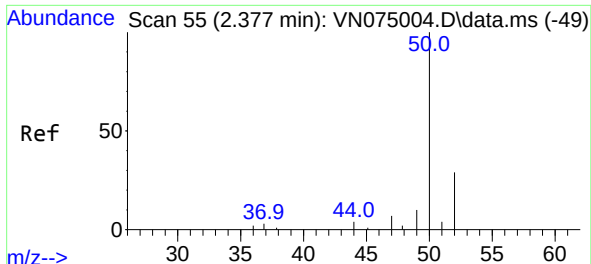
Tgt Ion:128 Resp: 12336
Ion Ratio Lower Upper
128 100
49 164.5 0.0 392.3
130 134.3 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 24.332 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 85 Resp: 14612
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.7

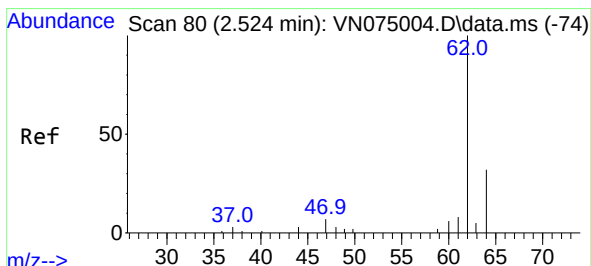
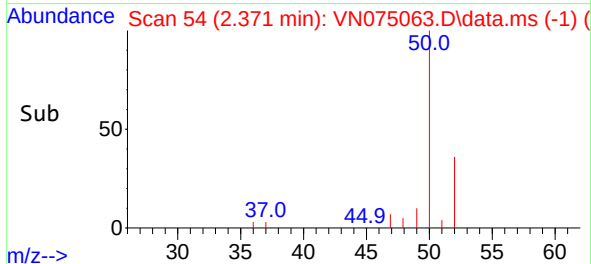
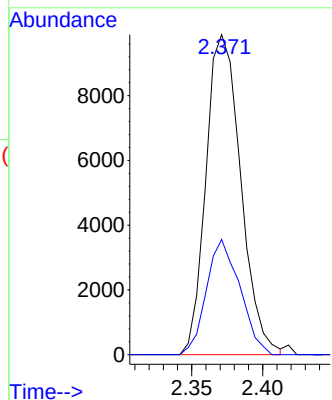
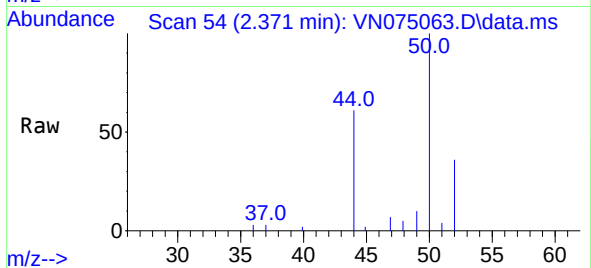




#3
Chloromethane
Concen: 21.328 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

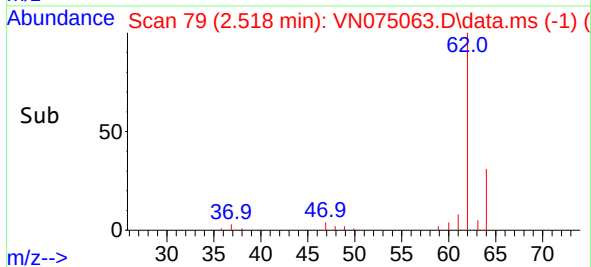
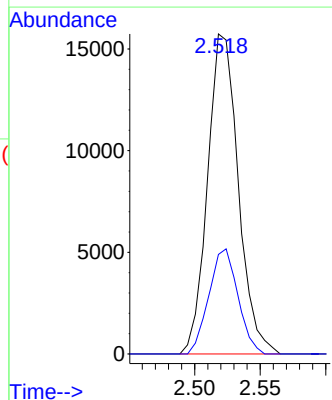
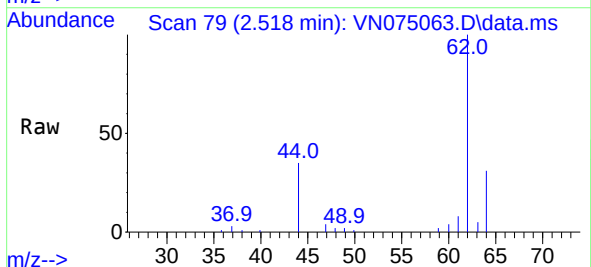
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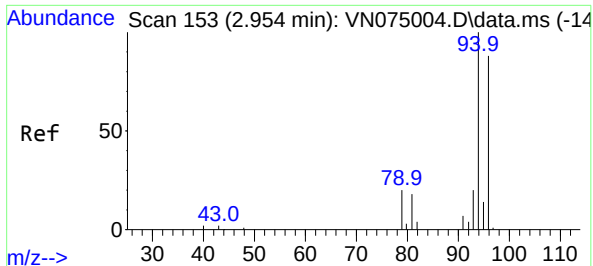
Tgt Ion: 50 Resp: 16848
Ion Ratio Lower Upper
50 100
52 36.0 27.8 41.6



#4
Vinyl Chloride
Concen: 21.476 ug/l
RT: 2.518 min Scan# 79
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 62 Resp: 25653
Ion Ratio Lower Upper
62 100
64 31.1 25.1 37.7

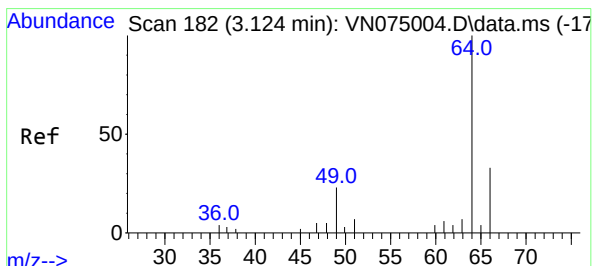
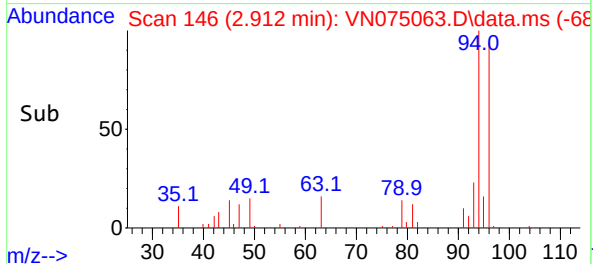
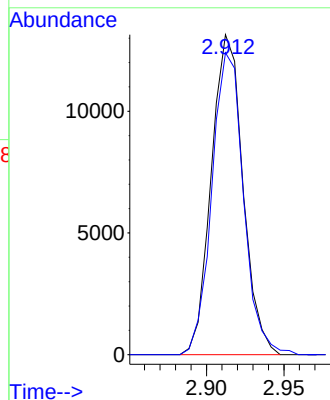
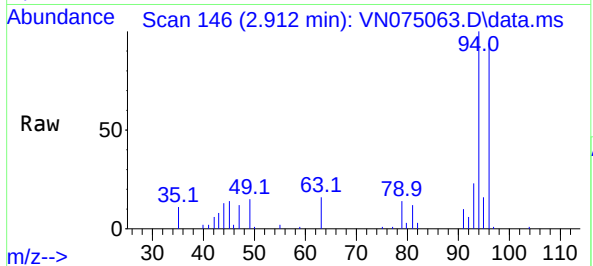




#5
Bromomethane
Concen: 19.727 ug/l
RT: 2.912 min Scan# 14
Delta R.T. -0.041 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

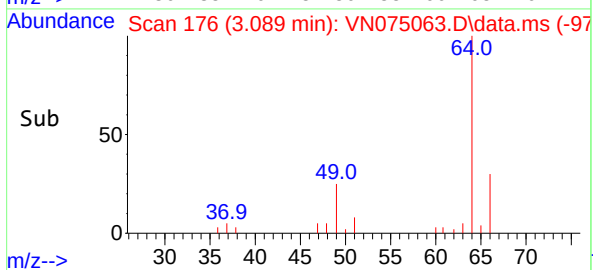
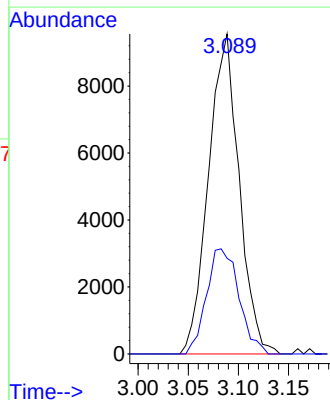
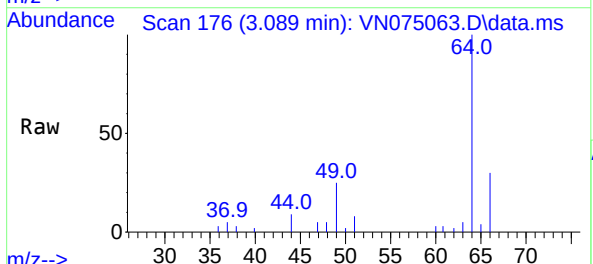
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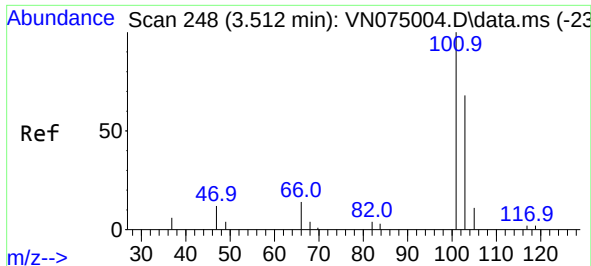
Tgt Ion: 94 Resp: 18630
Ion Ratio Lower Upper
94 100
96 94.4 75.2 112.8



#6
Chloroethane
Concen: 22.037 ug/l
RT: 3.089 min Scan# 176
Delta R.T. -0.035 min
Lab File: VN075063.D
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Tgt Ion: 64 Resp: 20304
Ion Ratio Lower Upper
64 100
66 29.9 24.6 36.8

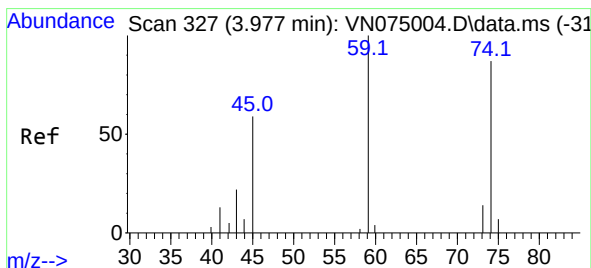
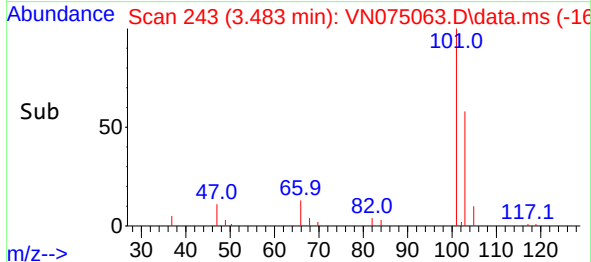
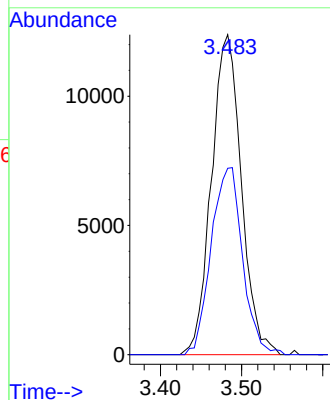
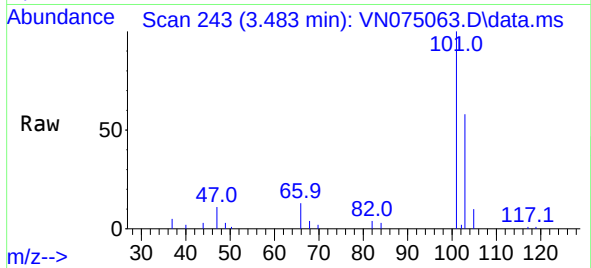




#7
 Trichlorofluoromethane
 Concen: 24.684 ug/l
 RT: 3.483 min Scan# 24
 Delta R.T. -0.030 min
 Lab File: VN075063.D
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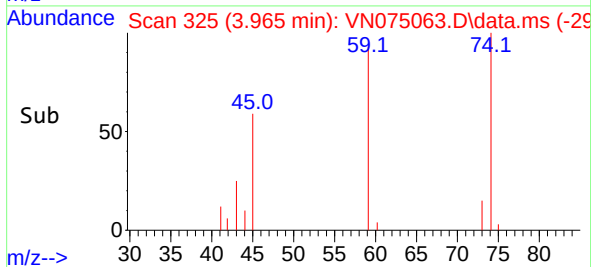
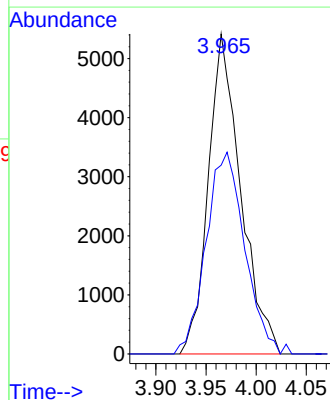
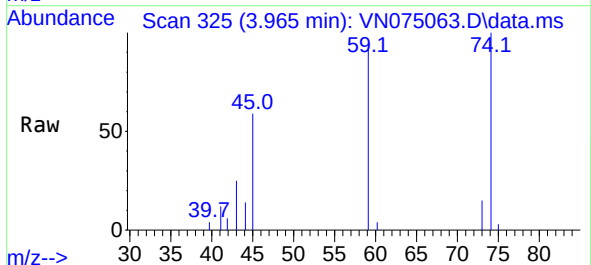
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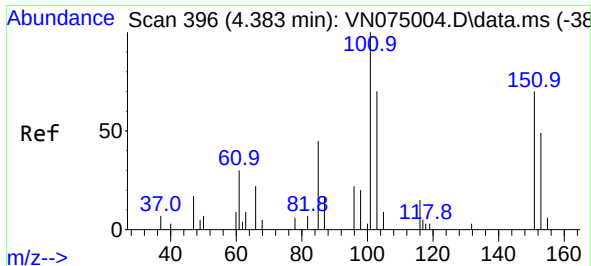
Tgt Ion:101 Resp: 31729
 Ion Ratio Lower Upper
 101 100
 103 58.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 23.081 ug/l
 RT: 3.965 min Scan# 325
 Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 12199
 Ion Ratio Lower Upper
 74 100
 45 74.7 17.6 158.8

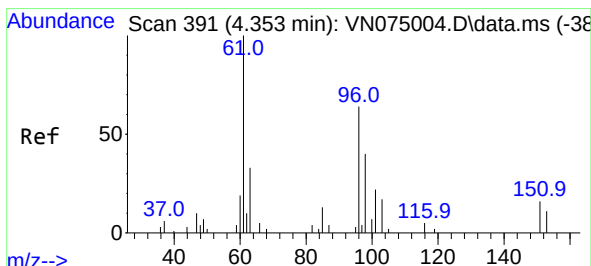
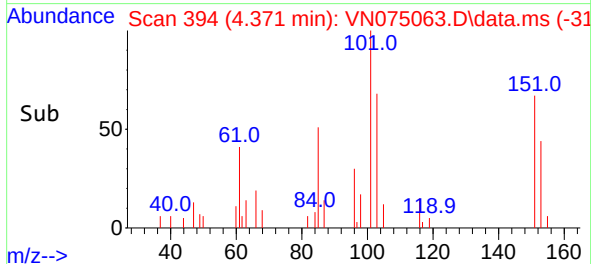
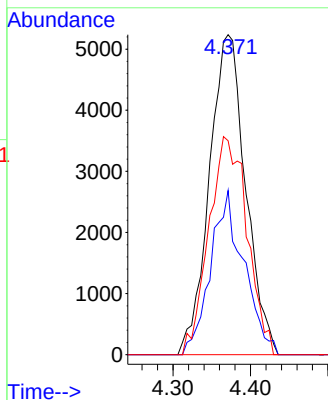
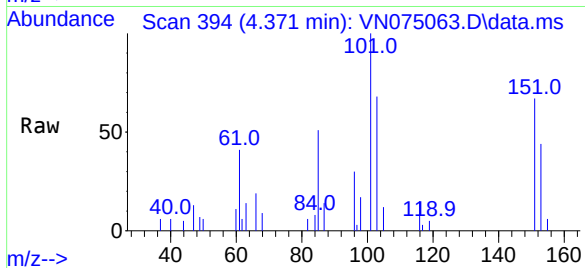




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.655 ug/l
RT: 4.371 min Scan# 396
Delta R.T. -0.012 min
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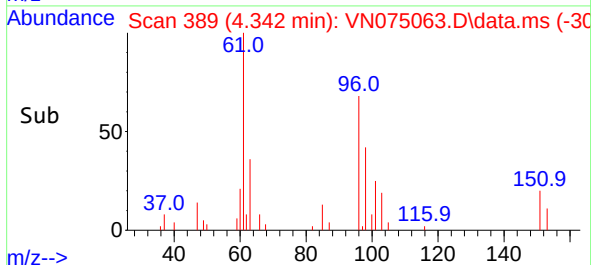
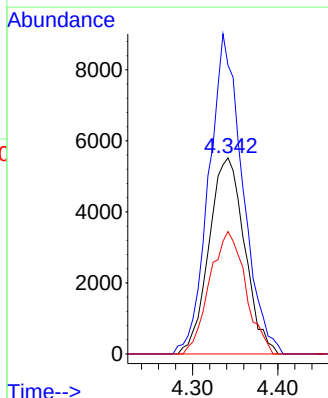
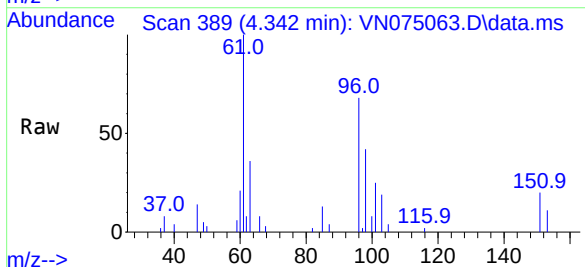
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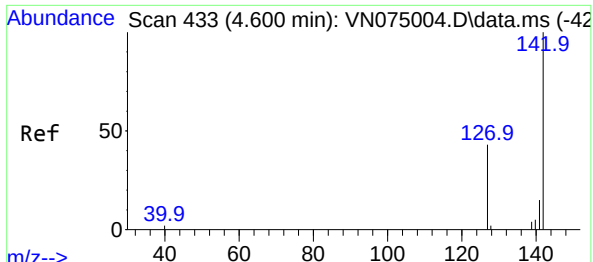
Tgt Ion:101 Resp: 17071
Ion Ratio Lower Upper
101 100
85 24.9 0.0 94.0
151 45.7 0.0 74.6



#10
1,1-Dichloroethene
Concen: 22.725 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.012 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

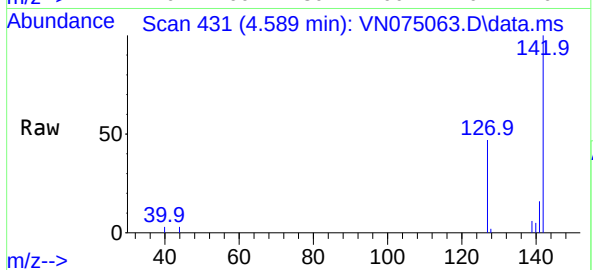
Tgt Ion: 96 Resp: 16061
Ion Ratio Lower Upper
96 100
61 143.2 126.2 189.4
98 62.4 50.9 76.3



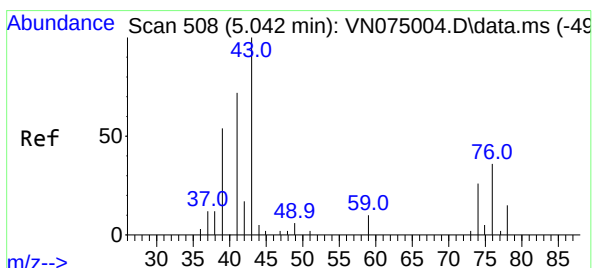
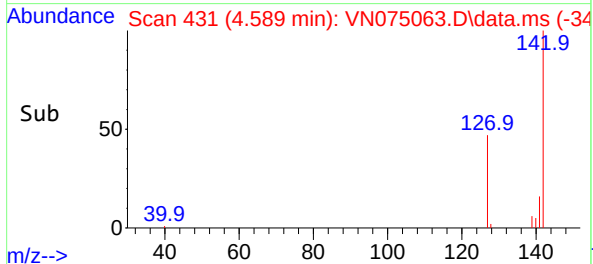
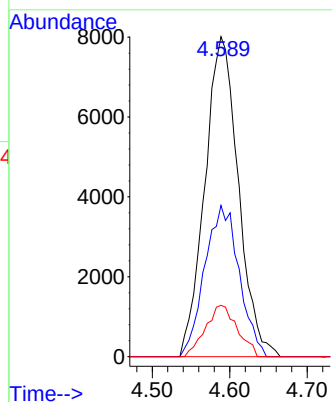


#11
Methyl Iodide
Concen: 21.804 ug/l
RT: 4.589 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

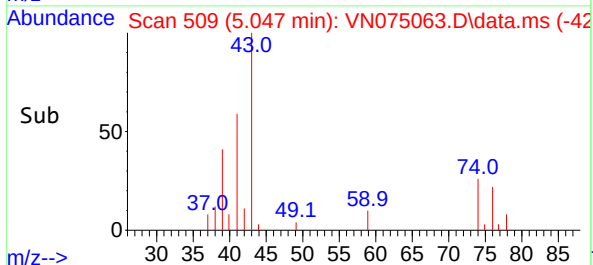
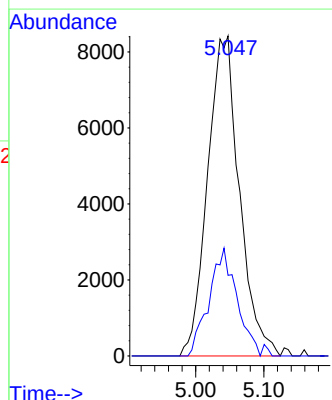
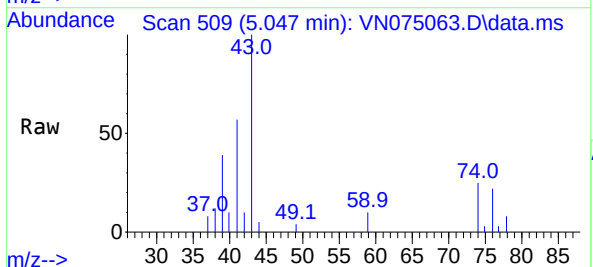


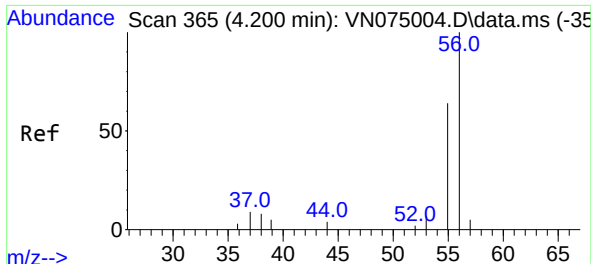
Tgt Ion:142 Resp: 24041
Ion Ratio Lower Upper
142 100
127 47.3 24.0 72.0
141 16.1 8.4 25.2



#12
Methyl Acetate
Concen: 22.830 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 43 Resp: 27333
Ion Ratio Lower Upper
43 100
74 25.2 20.8 31.2

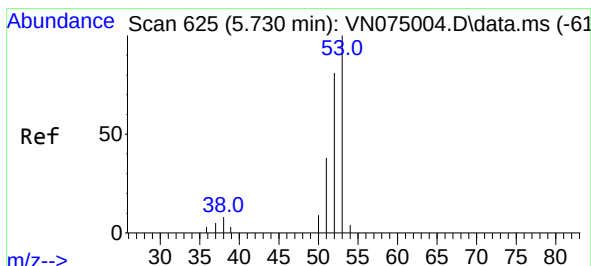
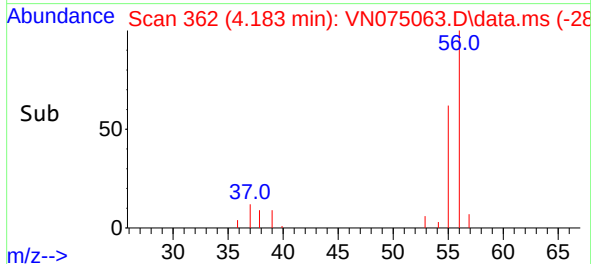
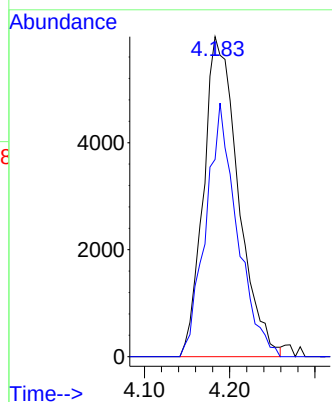
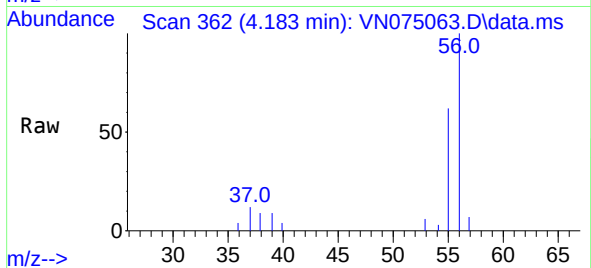




#13
Acrolein
Concen: 115.637 ug/l
RT: 4.183 min Scan# 362
Delta R.T. -0.018 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

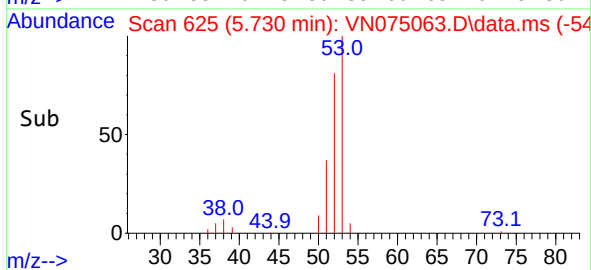
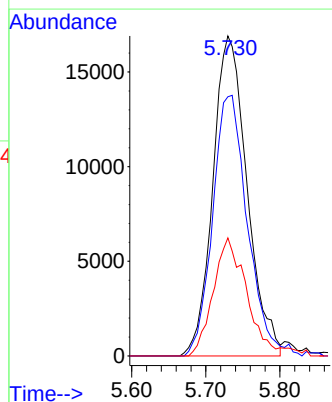
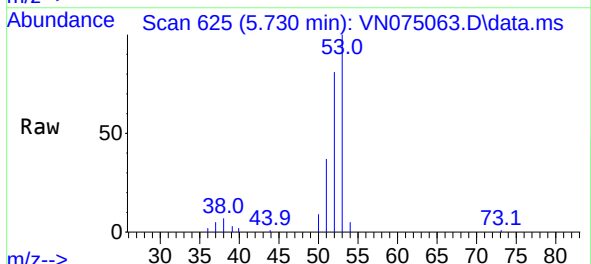
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

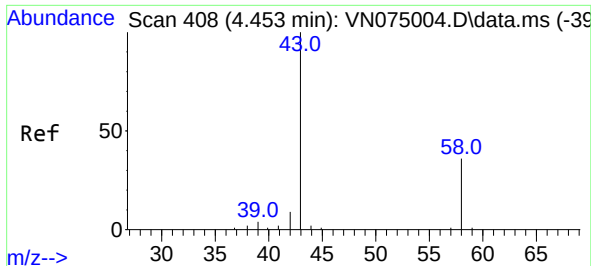
Tgt Ion: 56 Resp: 16957
Ion Ratio Lower Upper
56 100
55 71.4 57.6 86.4



#14
Acrylonitrile
Concen: 109.509 ug/l
RT: 5.730 min Scan# 625
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 53 Resp: 54167
Ion Ratio Lower Upper
53 100
52 82.3 41.8 125.4
51 35.6 19.0 57.0

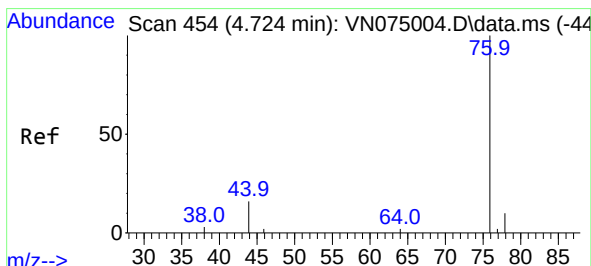
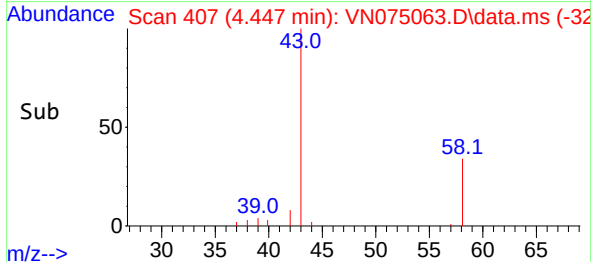
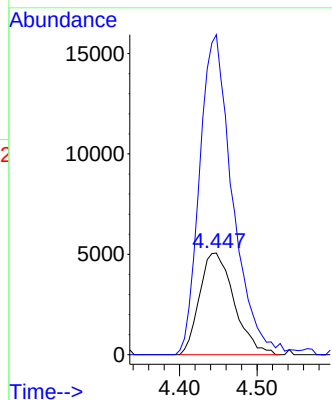
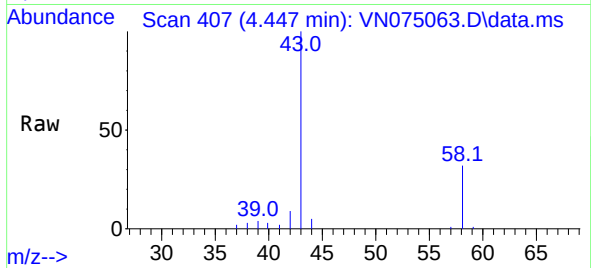




#15
Acetone
Concen: 113.898 ug/l
RT: 4.447 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

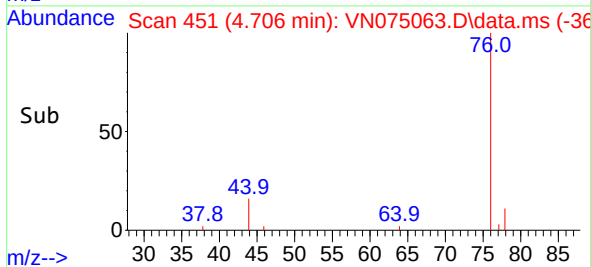
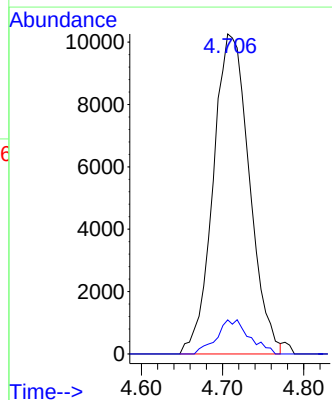
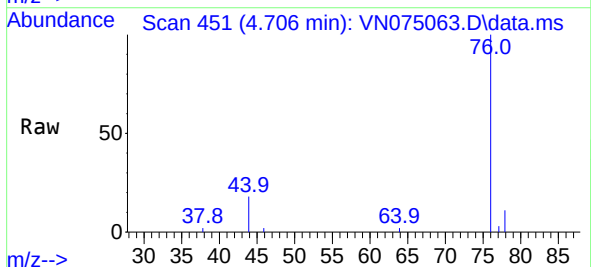
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

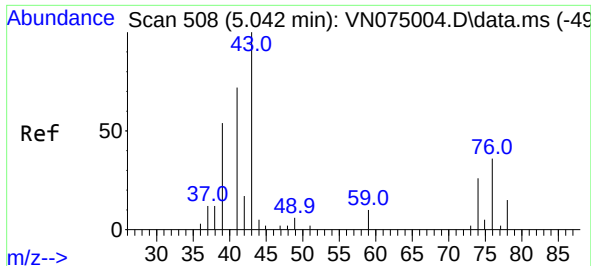
Tgt Ion: 58 Resp: 15740
Ion Ratio Lower Upper
58 100
43 310.6 256.6 384.8



#16
Carbon Disulfide
Concen: 20.397 ug/l
RT: 4.706 min Scan# 451
Delta R.T. -0.018 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 76 Resp: 31736
Ion Ratio Lower Upper
76 100
78 10.7 7.8 11.8





#17

Allyl chloride

Concen: 8.358 ug/l

RT: 5.012 min Scan# 508

Delta R.T. -0.030 min

Lab File: VN075063.D

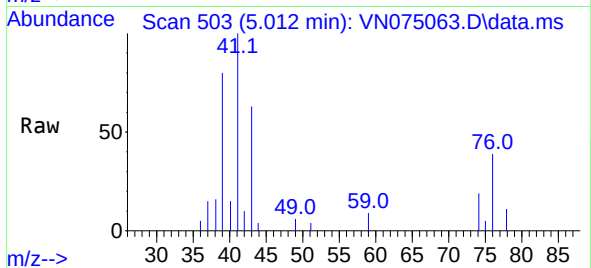
Acq: 28 Oct 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01



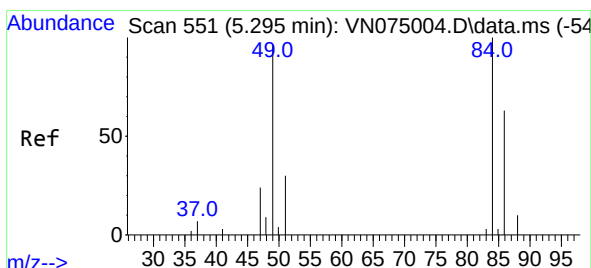
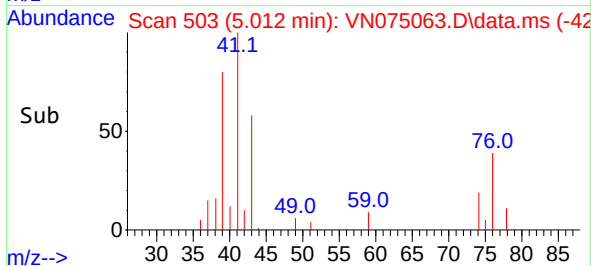
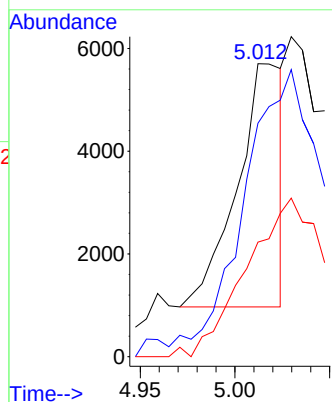
Tgt Ion: 41 Resp: 7915

Ion Ratio Lower Upper

41 100

39 87.2 44.6 134.0

76 43.2 19.6 58.7



#18

Methylene Chloride

Concen: 24.890 ug/l

RT: 5.277 min Scan# 548

Delta R.T. -0.018 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

Tgt Ion: 84 Resp: 22038

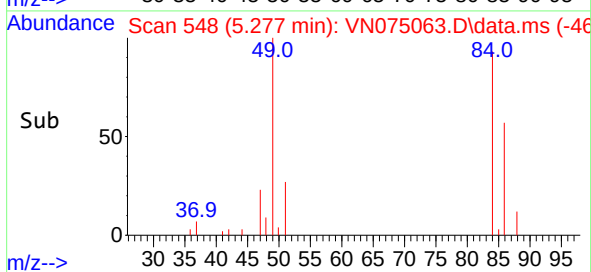
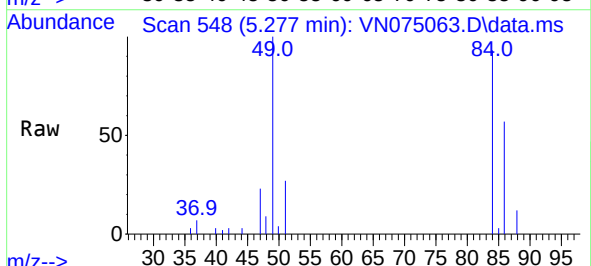
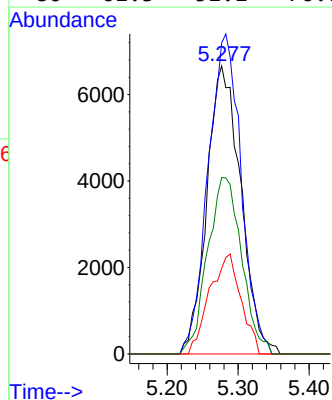
Ion Ratio Lower Upper

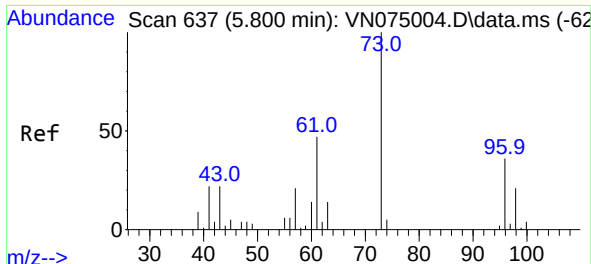
84 100

49 108.0 91.4 137.0

51 29.7 29.4 44.0

86 61.3 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 22.457 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN075063.D

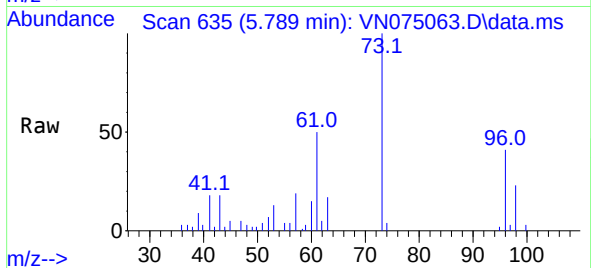
Acq: 28 Oct 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01



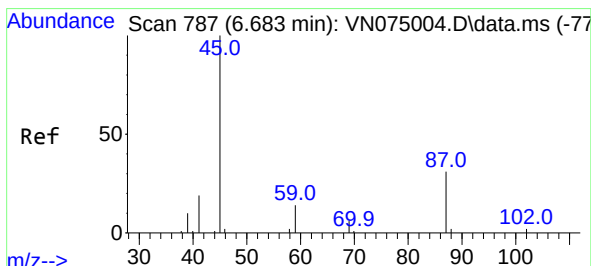
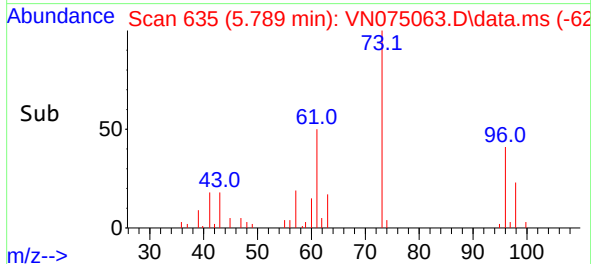
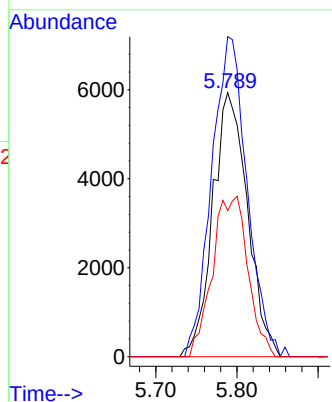
Tgt Ion: 96 Resp: 17645

Ion Ratio Lower Upper

96 100

61 121.2 102.8 154.2

98 55.3 49.3 73.9



#20

Diisopropyl ether

Concen: 22.167 ug/l

RT: 6.683 min Scan# 787

Delta R.T. -0.000 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

Tgt Ion: 45 Resp: 54484

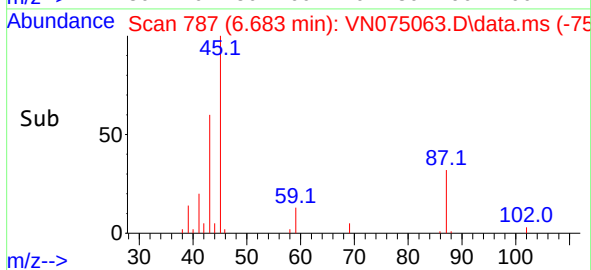
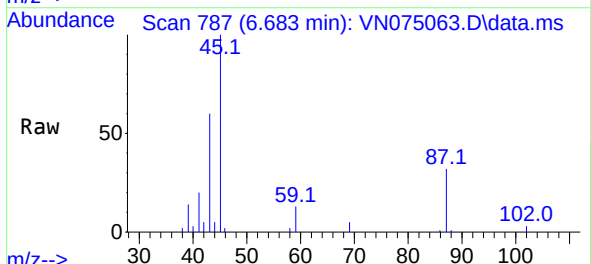
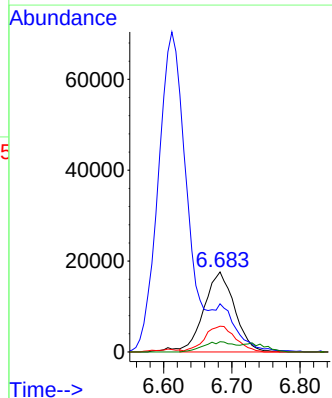
Ion Ratio Lower Upper

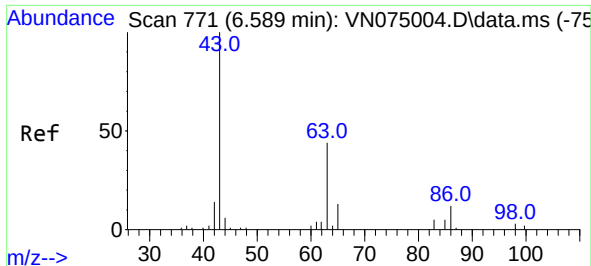
45 100

43 58.4 51.0 76.4

87 32.2 25.0 37.4

59 12.7 8.7 13.1





#21

1,1-Dichloroethane

Concen: 23.325 ug/l

RT: 6.577 min Scan# 7

Delta R.T. -0.012 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

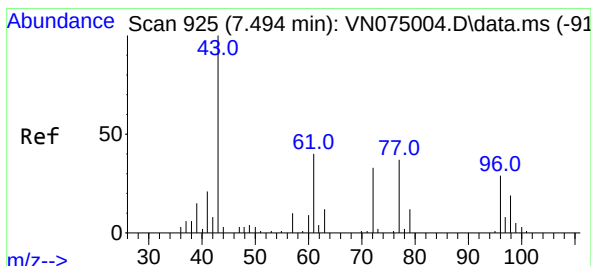
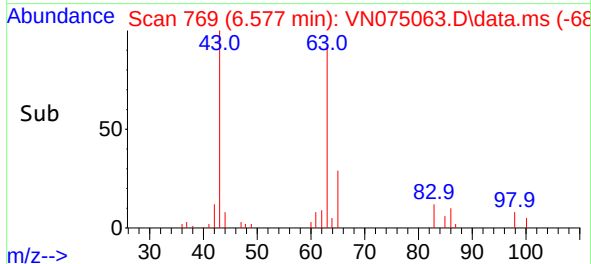
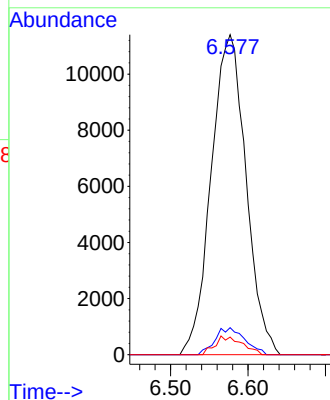
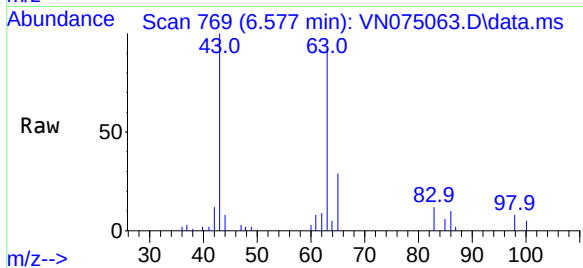
Tgt Ion: 63 Resp: 35608

Ion Ratio Lower Upper

63 100

98 8.5 3.2 9.6

100 5.5 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 10.518 ug/l

RT: 7.483 min Scan# 923

Delta R.T. -0.012 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

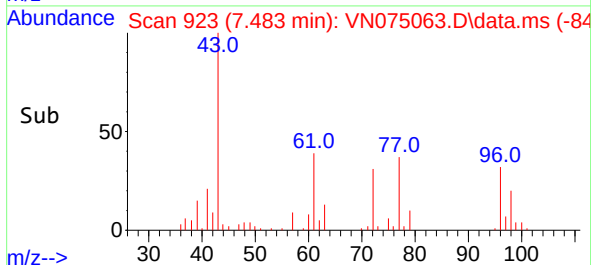
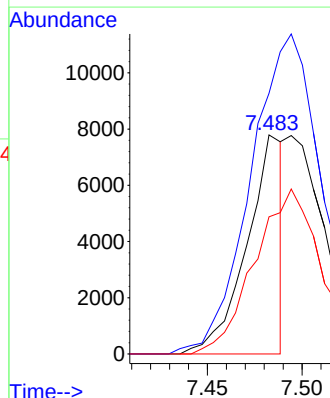
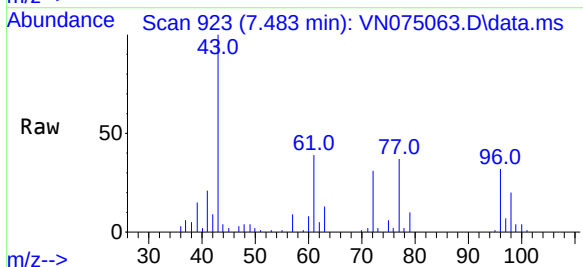
Tgt Ion: 96 Resp: 10442

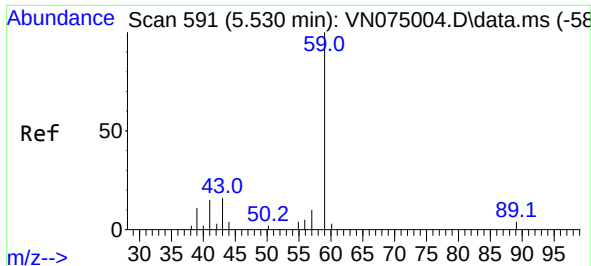
Ion Ratio Lower Upper

96 100

61 291.3 115.7 173.5#

98 137.7 51.6 77.4#

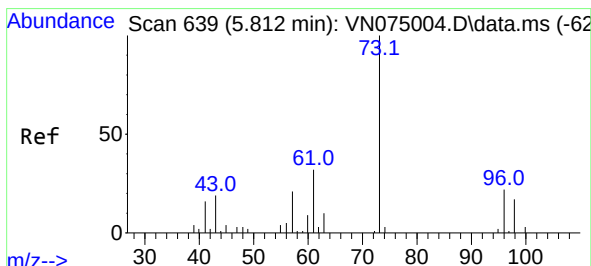
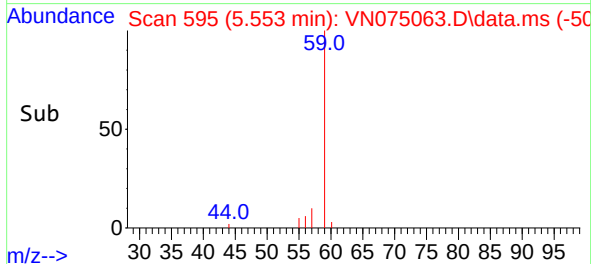
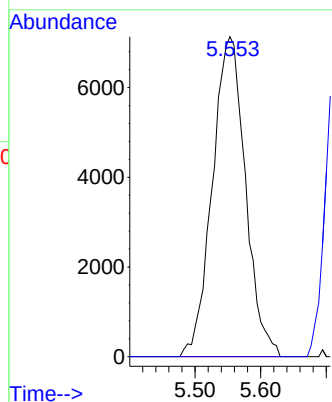
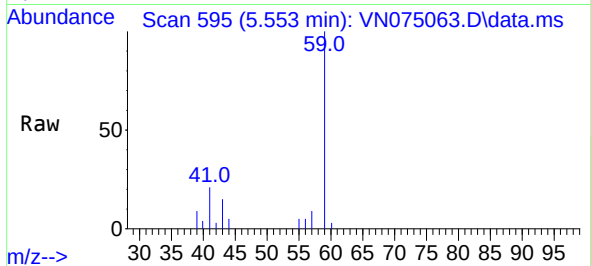




#23
tert-Butyl Alcohol
Concen: 109.170 ug/l
RT: 5.553 min Scan# 591
Delta R.T. 0.023 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

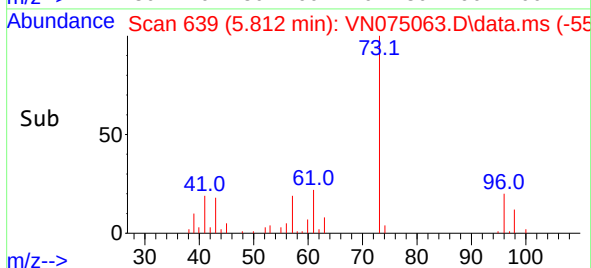
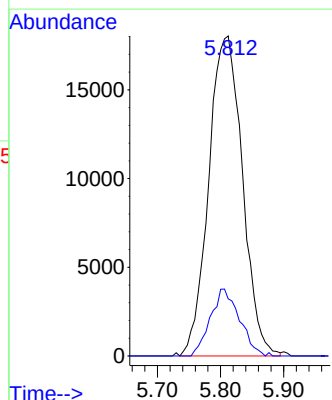
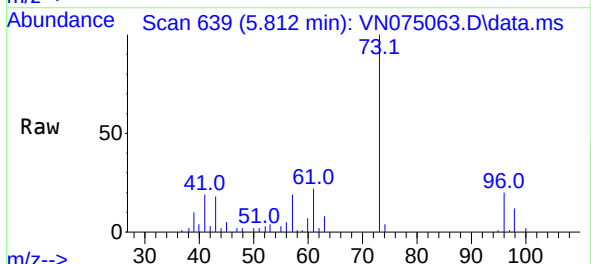
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

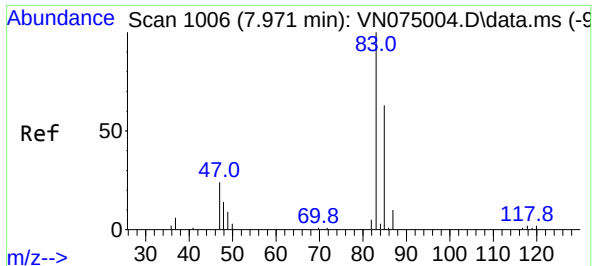
Tgt Ion: 59 Resp: 24997
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 23.157 ug/l
RT: 5.812 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 73 Resp: 66937
Ion Ratio Lower Upper
73 100
43 18.0 18.1 27.1#

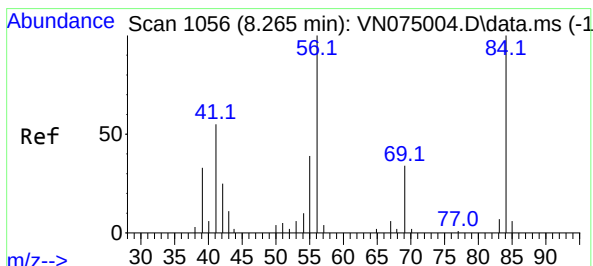
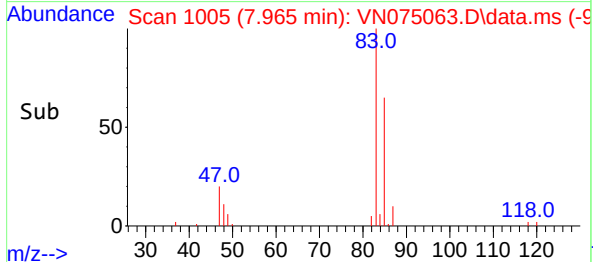
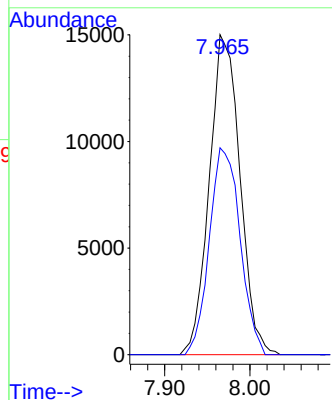
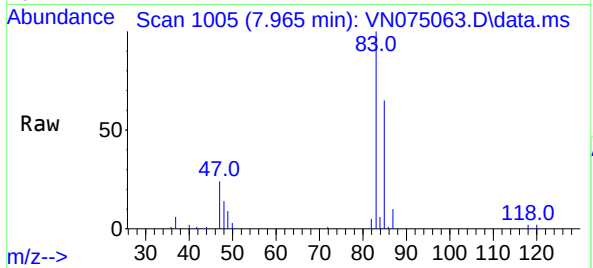




#25
Chloroform
Concen: 22.233 ug/l
RT: 7.965 min Scan# 1005
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

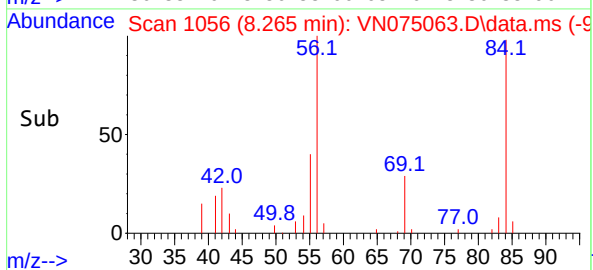
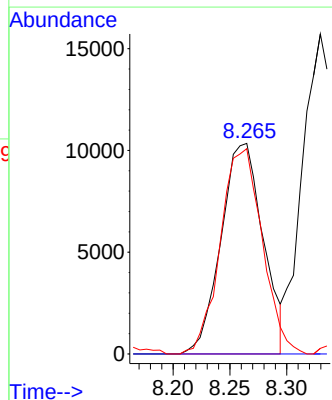
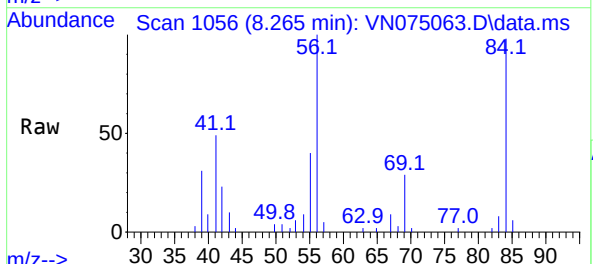
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

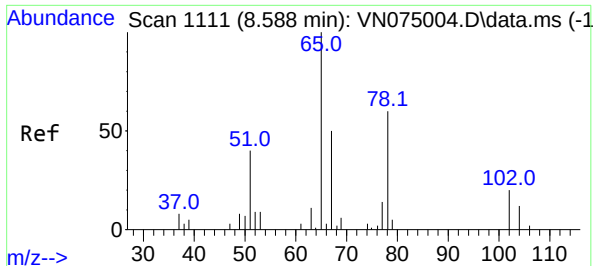
Tgt Ion: 83 Resp: 37496
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9



#26
Cyclohexane
Concen: 21.737 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 56 Resp: 26657
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 96.9 74.6 111.8

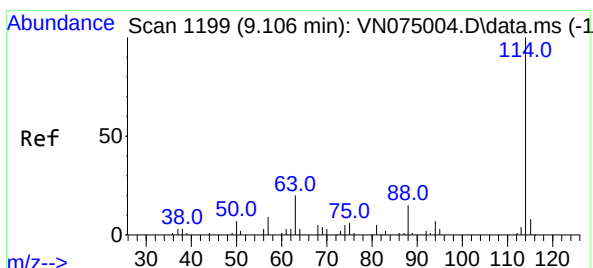
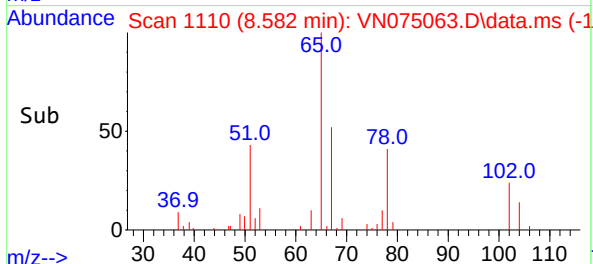
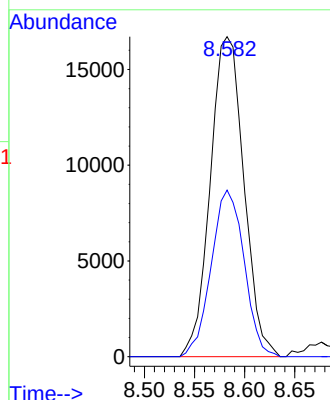
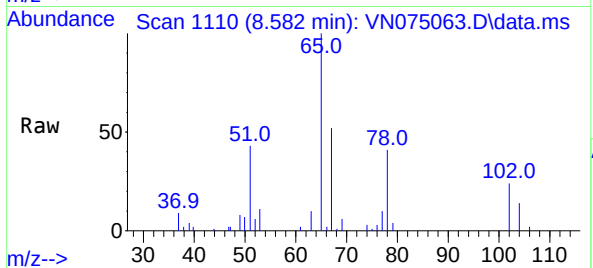




#27
1,2-Dichloroethane-d4
Concen: 34.551 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

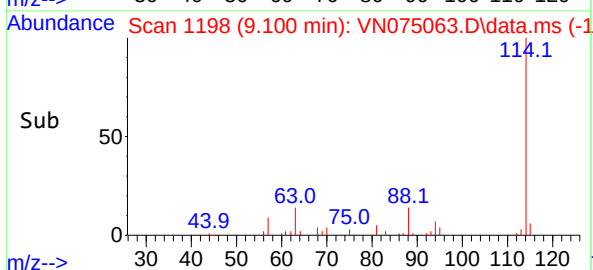
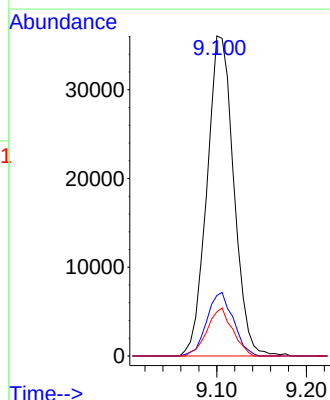
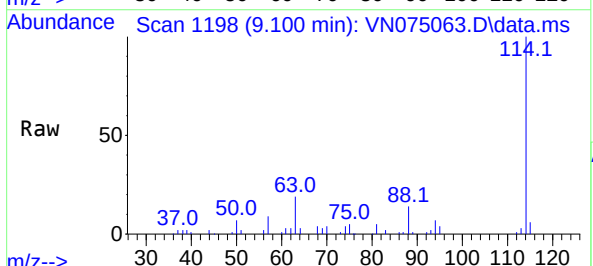
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

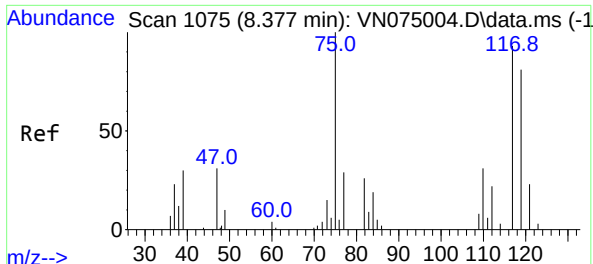
Tgt Ion: 65 Resp: 38971
Ion Ratio Lower Upper
65 100
67 51.0 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1198
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 114 Resp: 74842
Ion Ratio Lower Upper
114 100
63 19.6 15.8 23.6
88 14.2 11.6 17.4





#29

1,1-Dichloropropene

Concen: 19.218 ug/l

RT: 8.371 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

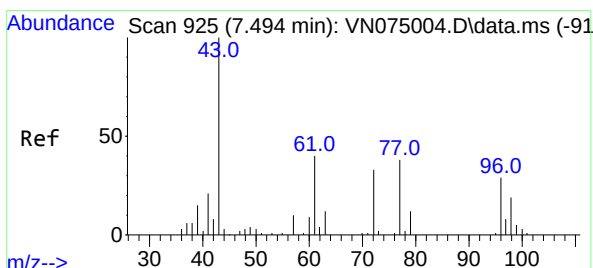
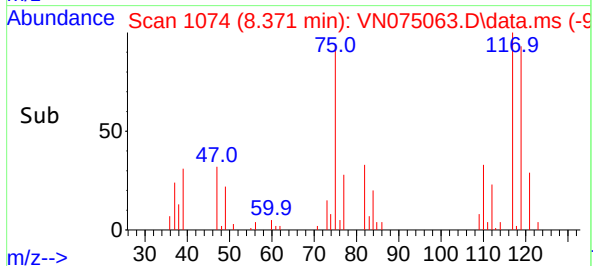
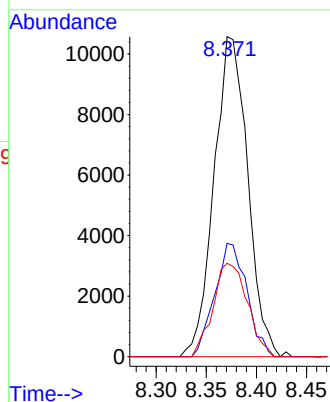
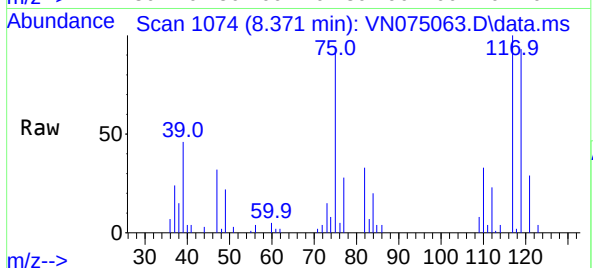
Tgt Ion: 75 Resp: 24671

Ion Ratio Lower Upper

75 100

110 33.8 0.0 74.2

77 29.9 0.0 63.2



#30

2-Butanone

Concen: 100.298 ug/l

RT: 7.488 min Scan# 924

Delta R.T. -0.006 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

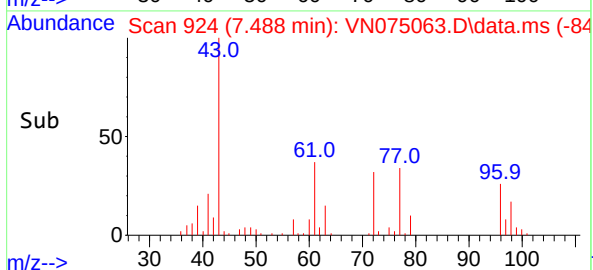
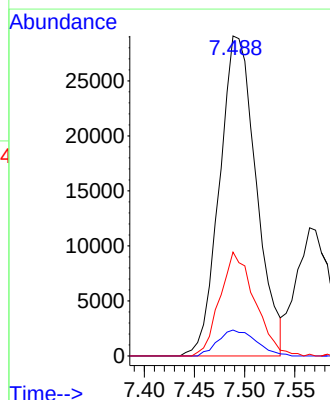
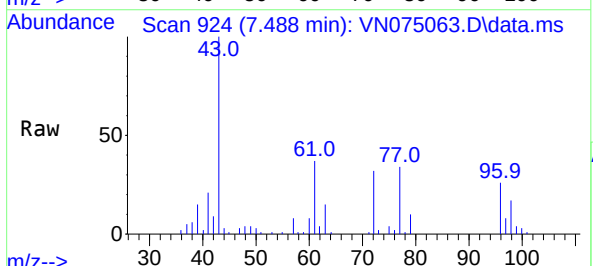
Tgt Ion: 43 Resp: 74224

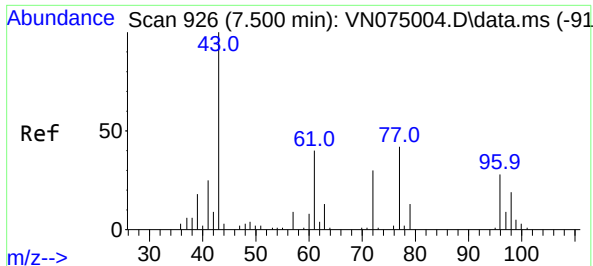
Ion Ratio Lower Upper

43 100

57 8.4 6.7 10.1

72 30.9 23.2 34.8

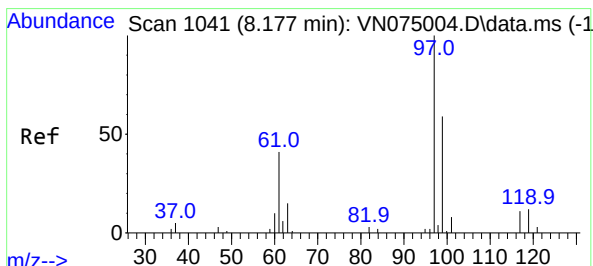
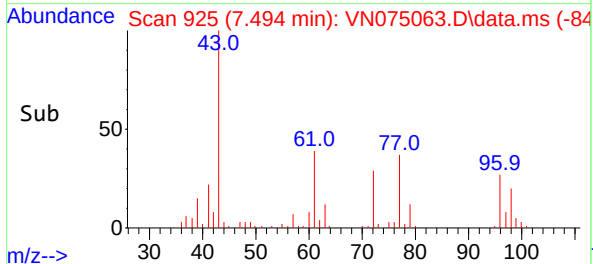
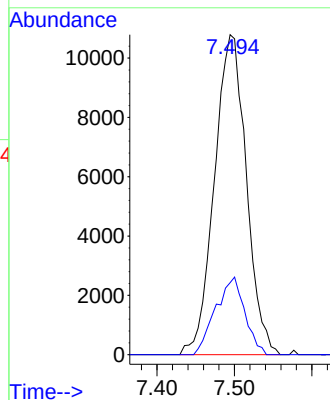
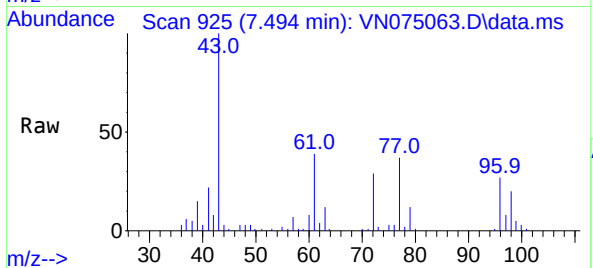




#31
2,2-Dichloropropane
Concen: 19.738 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

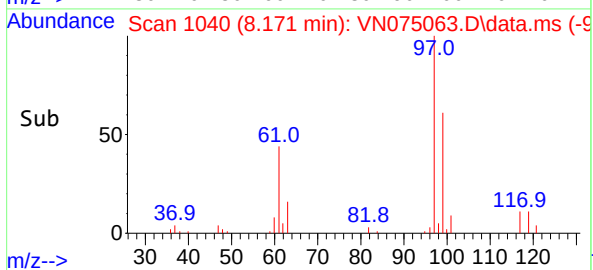
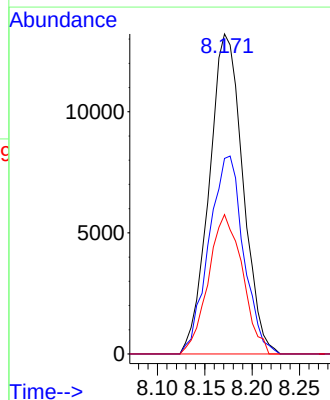
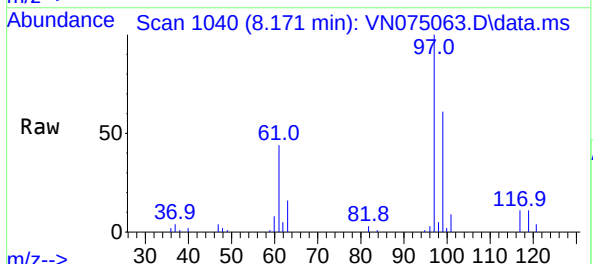
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

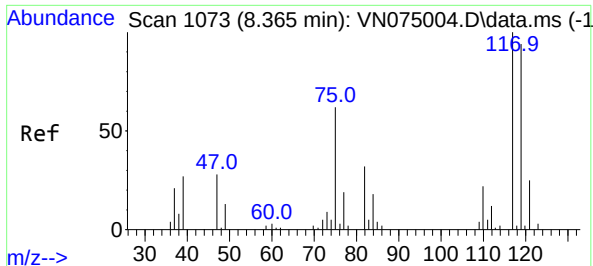
Tgt Ion: 77 Resp: 30952
Ion Ratio Lower Upper
77 100
97 22.2 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 19.664 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 97 Resp: 32693
Ion Ratio Lower Upper
97 100
99 63.5 50.4 75.6
61 44.1 34.6 51.8

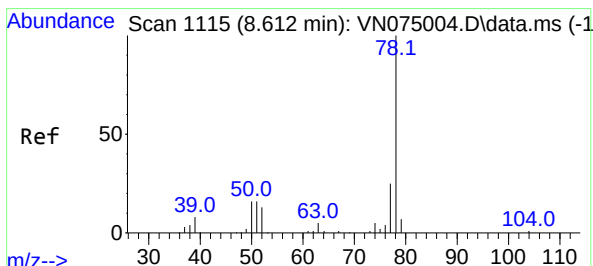
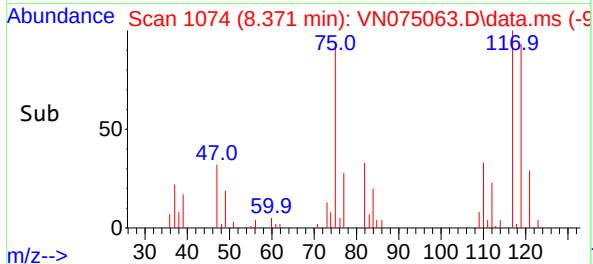
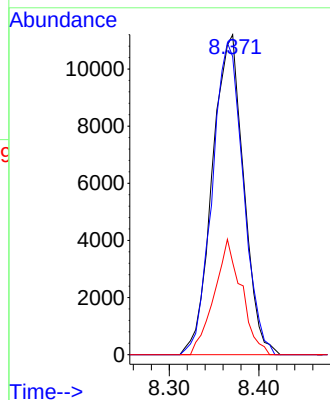
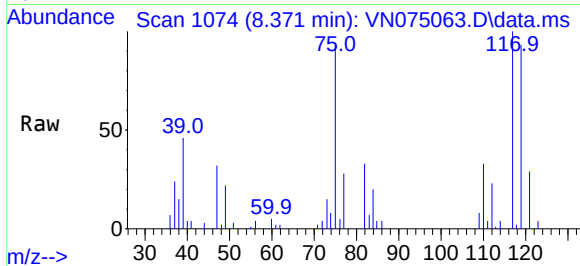




#33
Carbon Tetrachloride
Concen: 18.512 ug/l
RT: 8.371 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

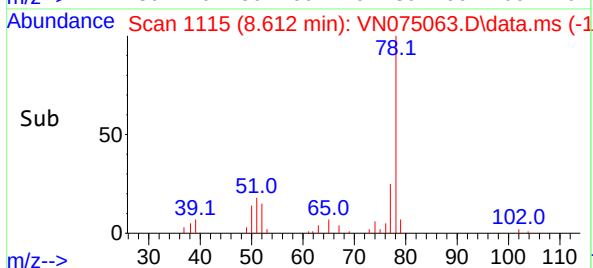
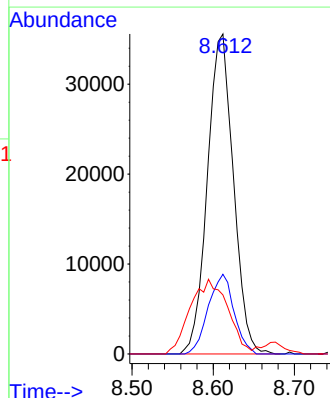
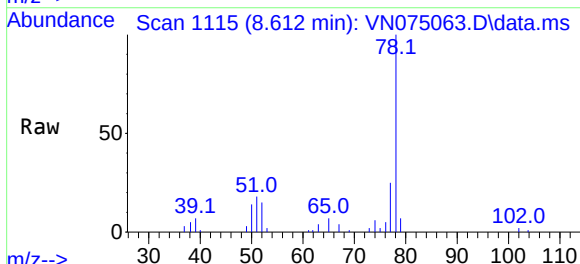
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

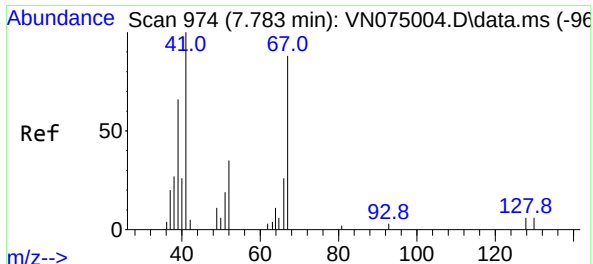
Tgt Ion:	117	Resp:	27101
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.5	116.3
121	28.8	23.5	35.3



#34
Benzene
Concen: 20.174 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion:	78	Resp:	79176
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.1	28.7
51	15.8	16.0	24.0#



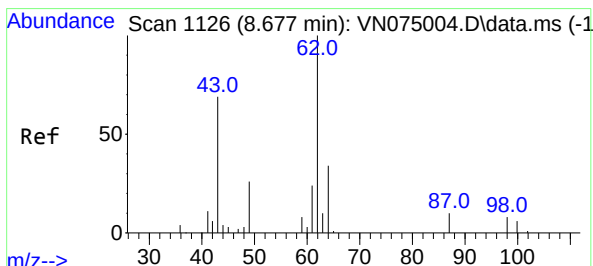
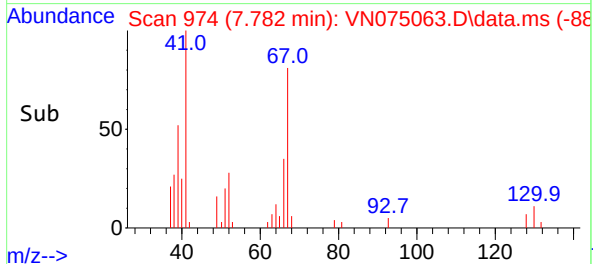
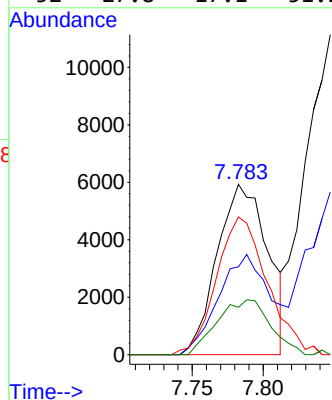
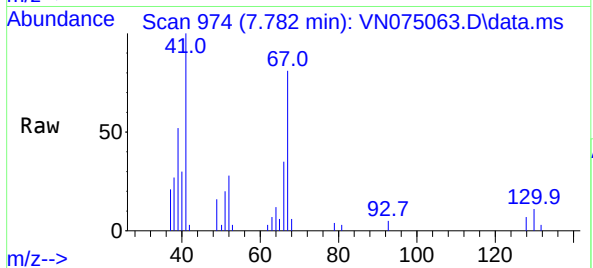


#35
Methacrylonitrile
Concen: 20.743 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 41 Resp: 14713

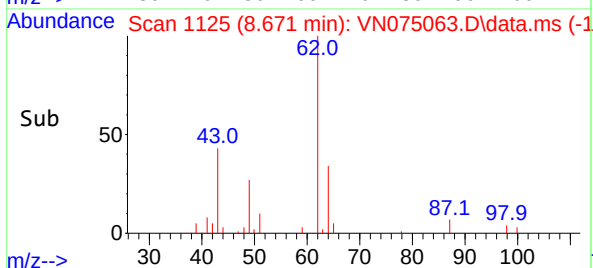
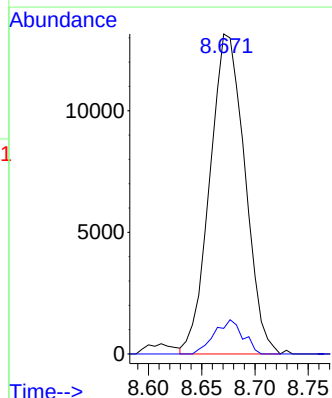
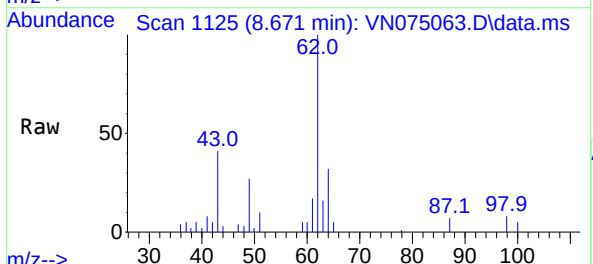
Ion	Ratio	Lower	Upper
41	100		
39	51.6	28.0	83.9
67	78.2	37.7	113.1
52	27.8	17.1	51.2

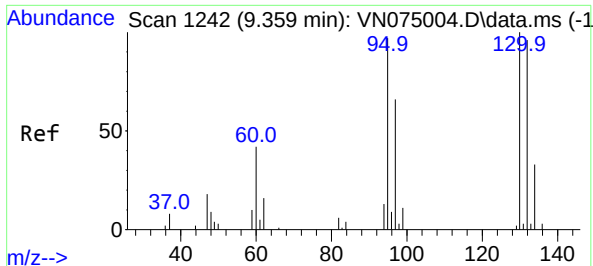


#36
1,2-Dichloroethane
Concen: 20.658 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 62 Resp: 30041

Ion	Ratio	Lower	Upper
62	100		
98	8.7	6.6	10.0

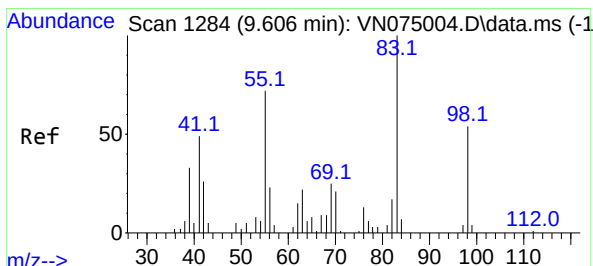
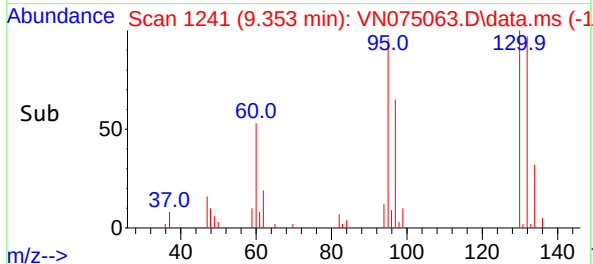
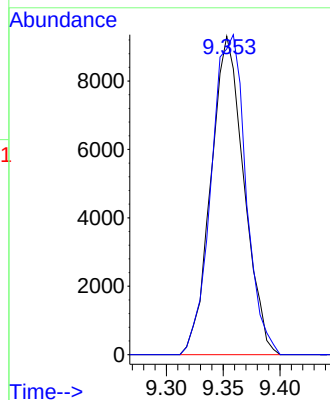
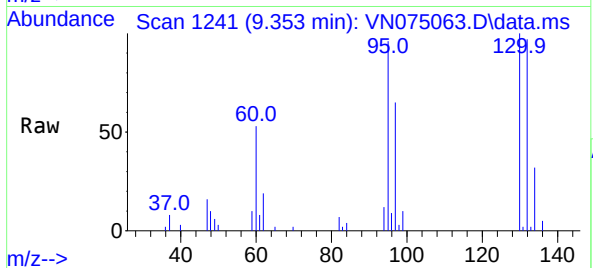




#37
Trichloroethene
Concen: 19.296 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

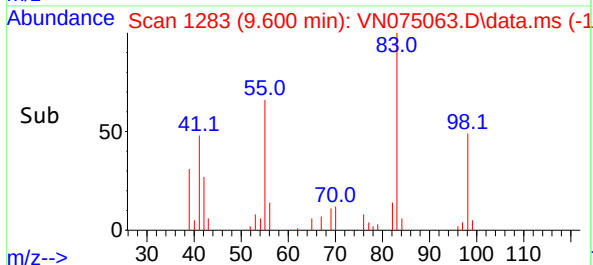
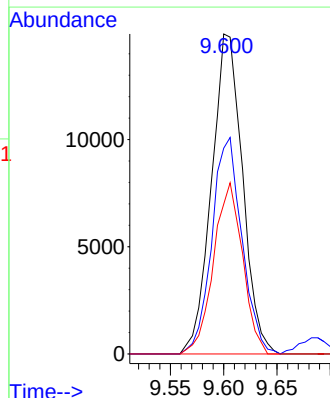
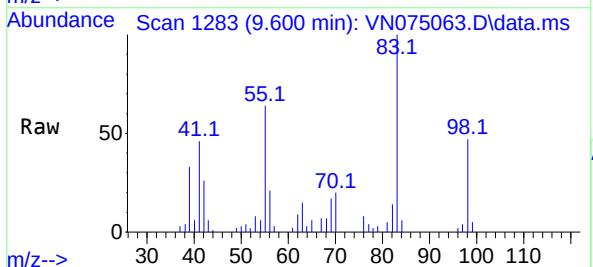
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

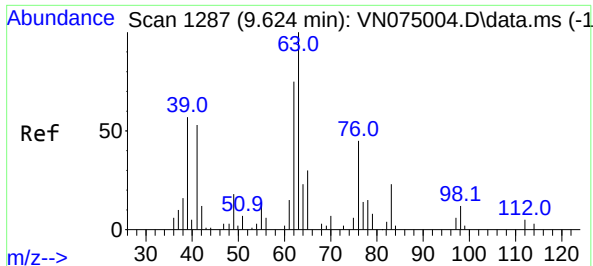
Tgt Ion:130 Resp: 18819
Ion Ratio Lower Upper
130 100
95 96.0 76.6 115.0



#38
Methylcyclohexane
Concen: 18.943 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 83 Resp: 30153
Ion Ratio Lower Upper
83 100
55 65.6 35.1 105.3
98 50.2 23.4 70.2

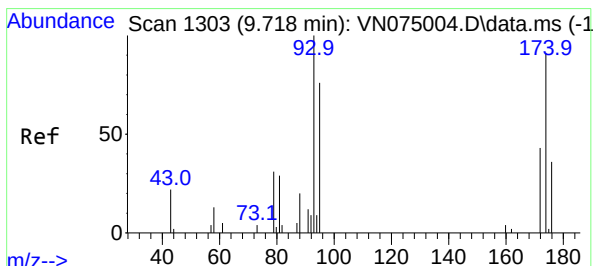
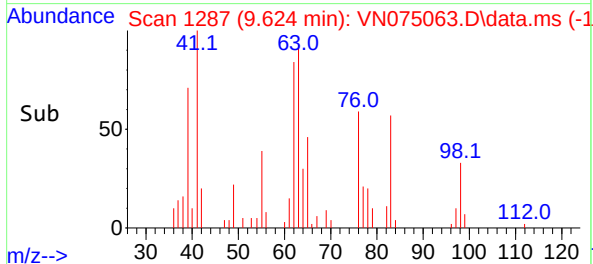
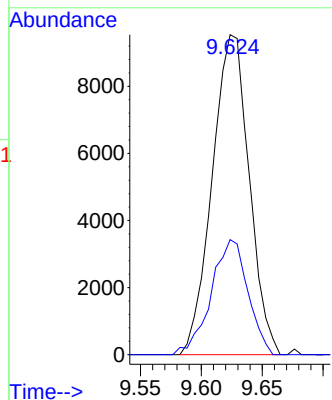
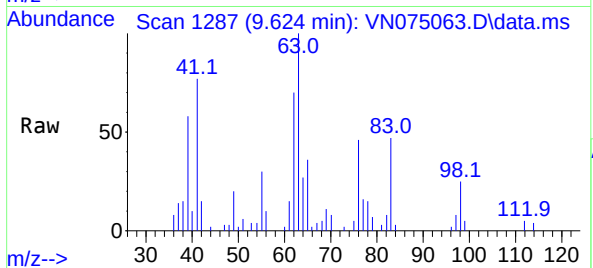




#39
1,2-Dichloropropane
Concen: 20.416 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

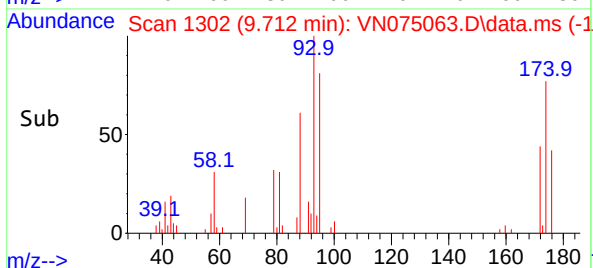
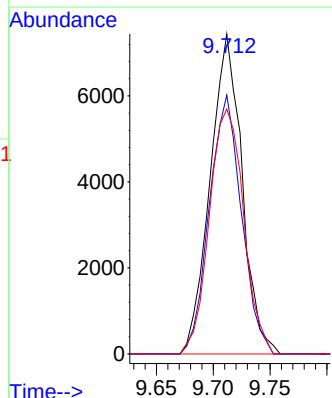
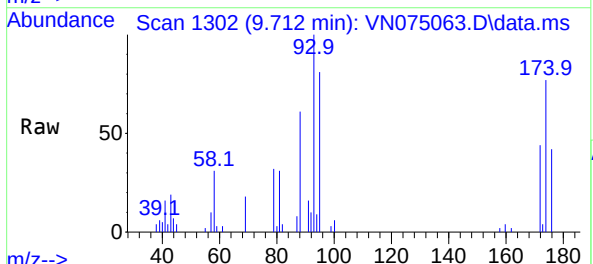
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

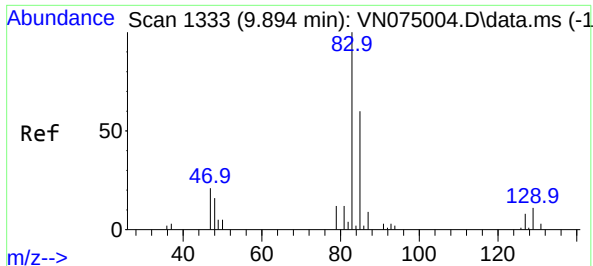
Tgt Ion: 63 Resp: 20171
Ion Ratio Lower Upper
63 100
65 36.0 24.2 36.4



#40
Dibromomethane
Concen: 19.346 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 93 Resp: 14501
Ion Ratio Lower Upper
93 100
95 81.6 0.0 168.8
174 82.3 0.0 173.6

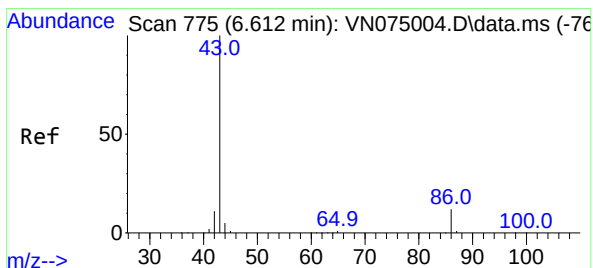
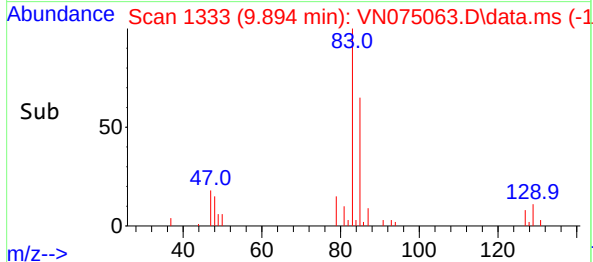
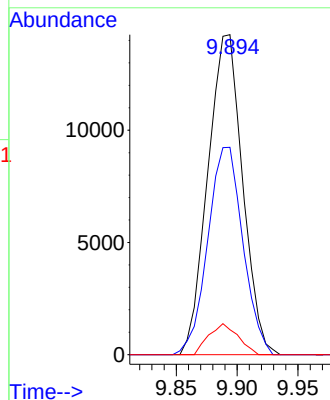
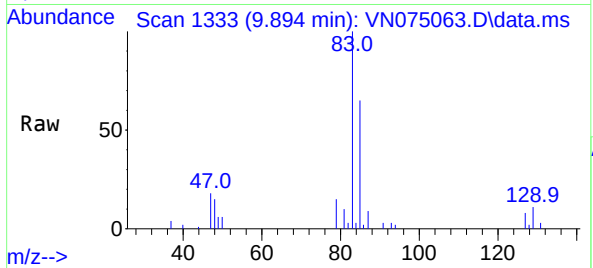




#41
Bromodichloromethane
Concen: 19.417 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

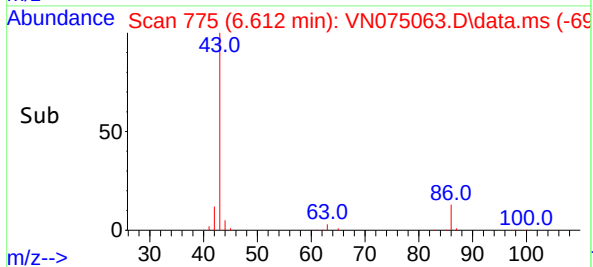
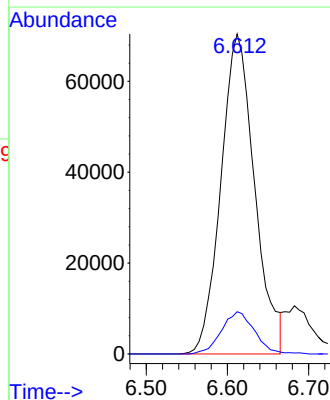
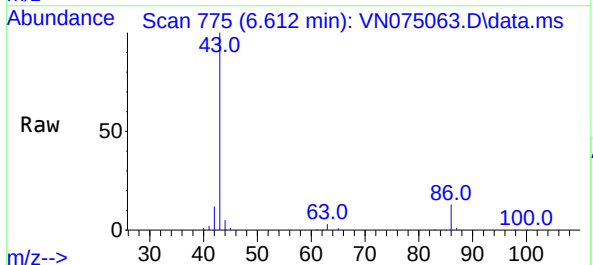
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

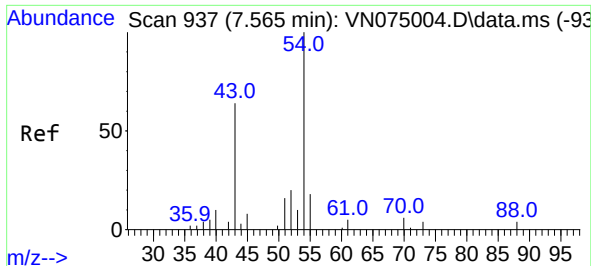
Tgt Ion: 83 Resp: 28337
Ion Ratio Lower Upper
83 100
85 64.8 54.1 81.1
127 7.8 7.6 11.4



#42
Vinyl Acetate
Concen: 97.627 ug/l
RT: 6.612 min Scan# 775
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 43 Resp: 203503
Ion Ratio Lower Upper
43 100
86 13.0 7.5 11.3#

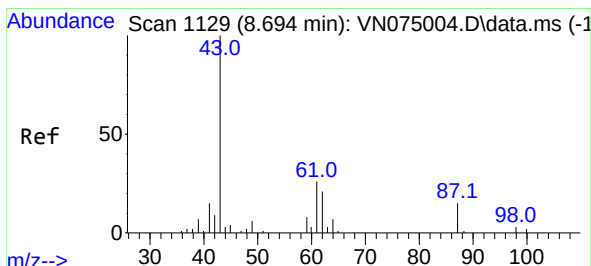
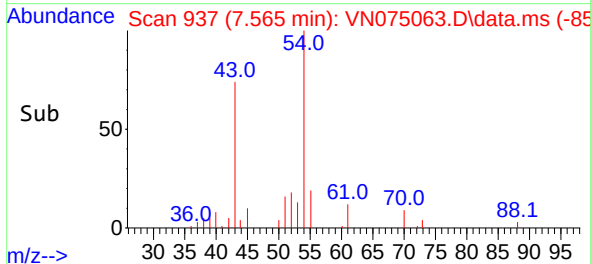
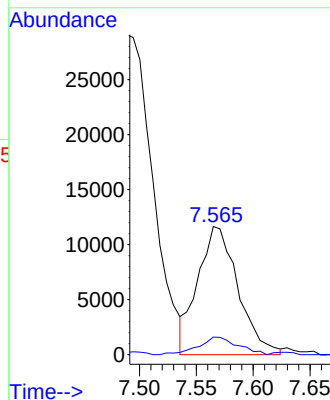
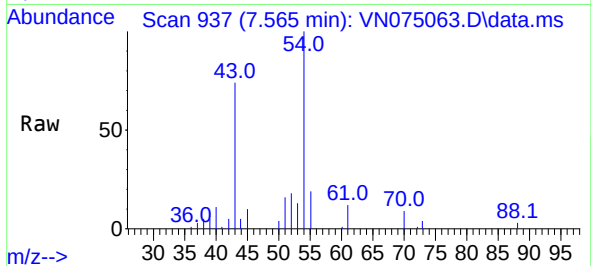




#43
Ethyl Acetate
Concen: 19.626 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

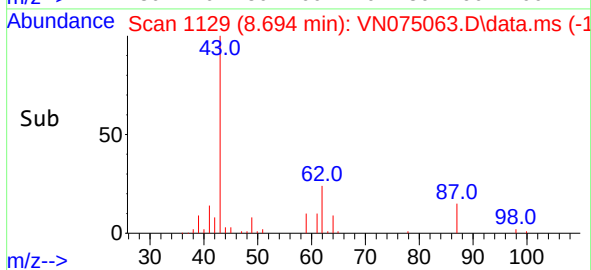
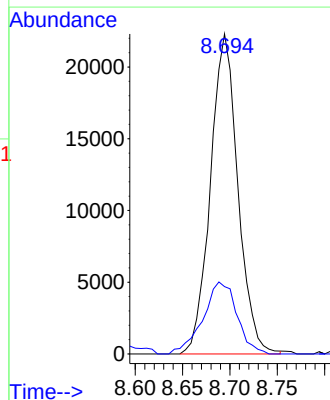
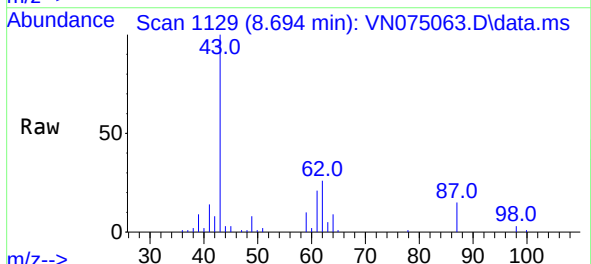
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

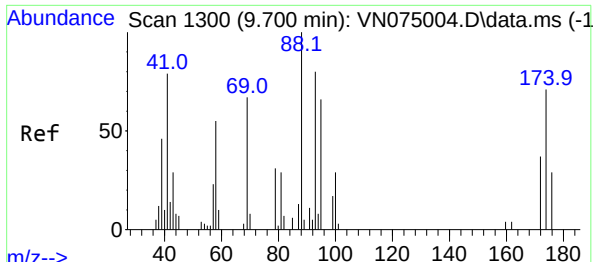
Tgt Ion: 43 Resp: 28704
Ion Ratio Lower Upper
43 100
45 13.0 10.6 16.0



#44
Isopropyl Acetate
Concen: 19.195 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 43 Resp: 45031
Ion Ratio Lower Upper
43 100
61 27.8 20.1 30.1

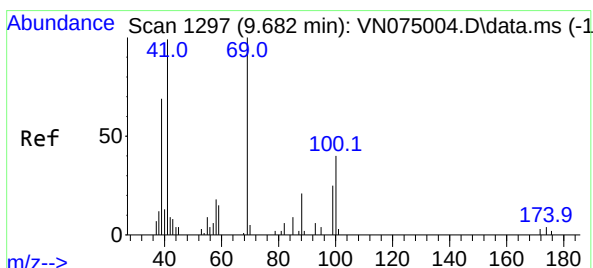
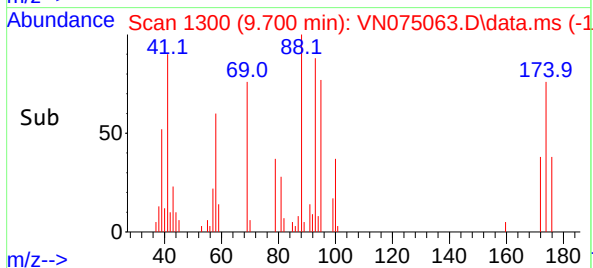
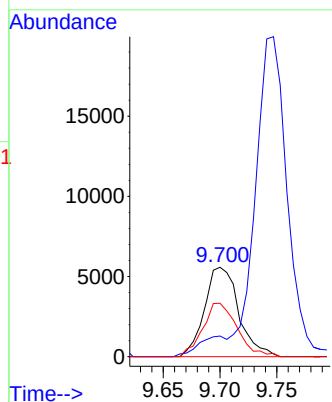
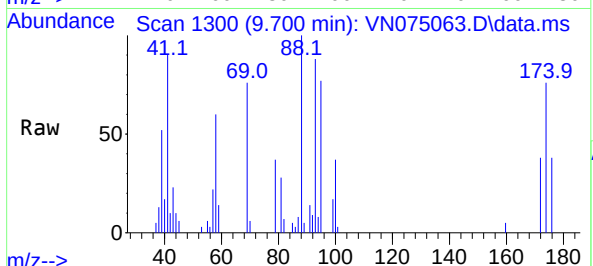




#45
1,4-Dioxane
Concen: 405.469 ug/l
RT: 9.700 min Scan# 11708
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

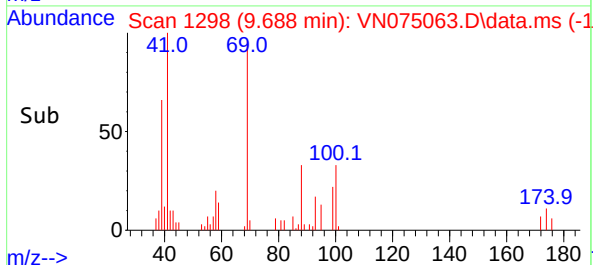
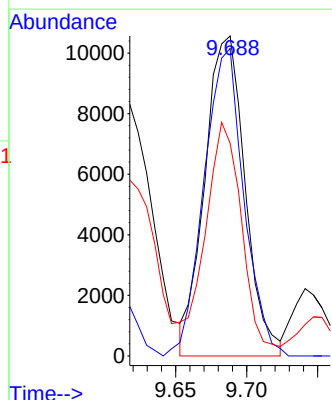
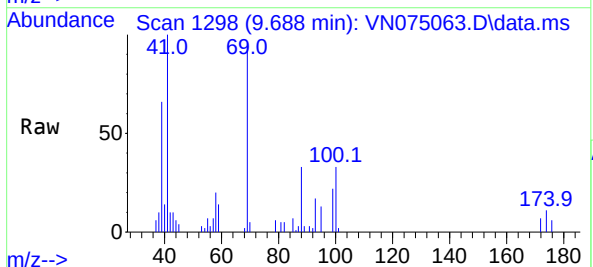
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

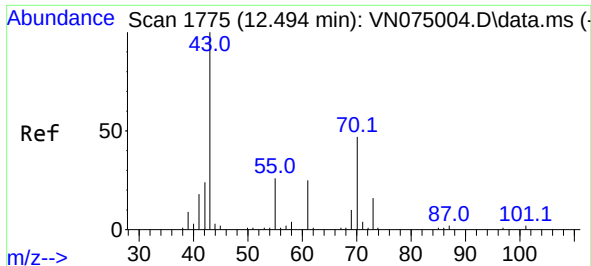
Tgt Ion: 88 Resp: 11708
Ion Ratio Lower Upper
88 100
43 19.4 25.0 37.6#
58 60.0 49.4 74.2



#46
Methyl methacrylate
Concen: 19.818 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 41 Resp: 20856
Ion Ratio Lower Upper
41 100
69 98.3 44.4 133.2
39 66.5 39.9 119.6

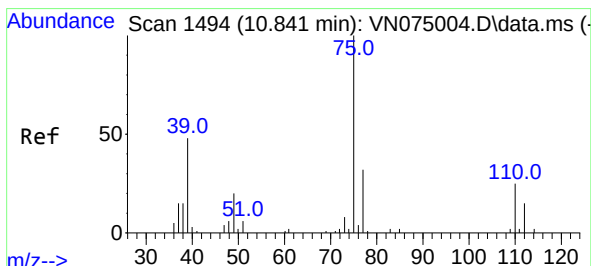
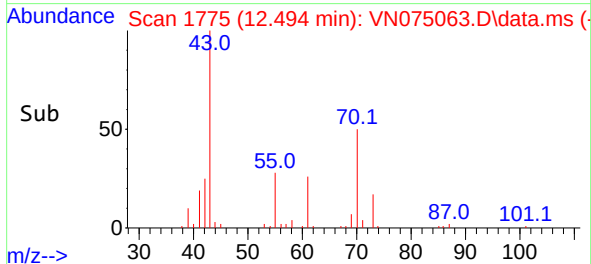
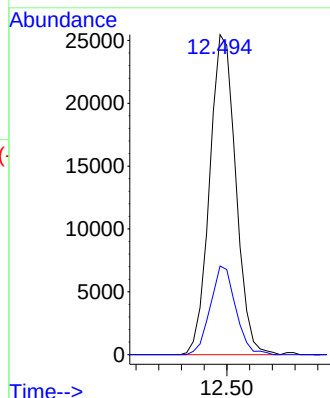
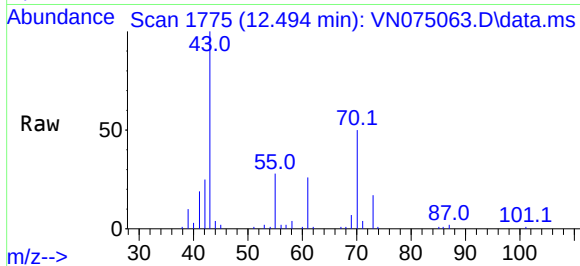




#47
n-amyl acetate
Concen: 20.205 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

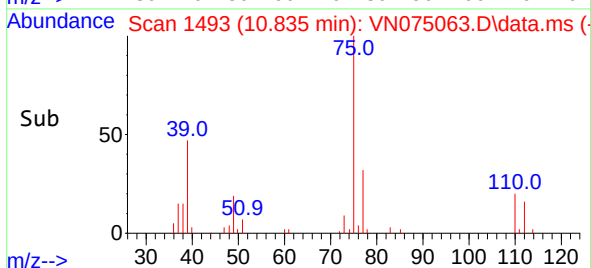
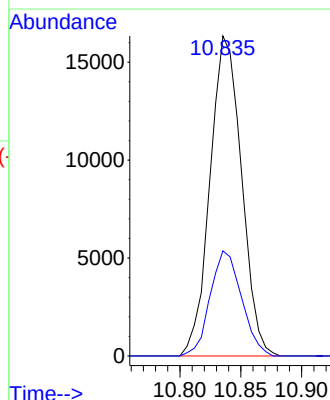
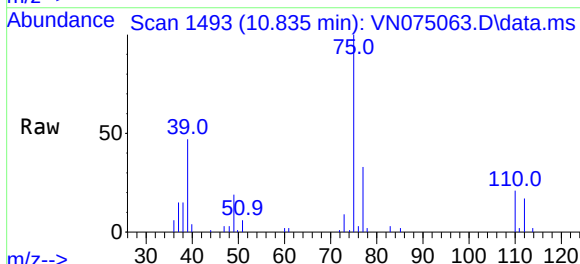
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

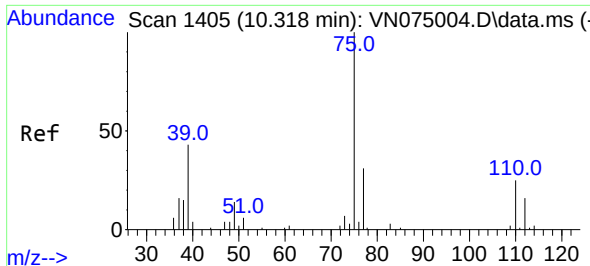
Tgt Ion: 43 Resp: 40720
Ion Ratio Lower Upper
43 100
55 26.4 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 18.428 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 75 Resp: 29380
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9

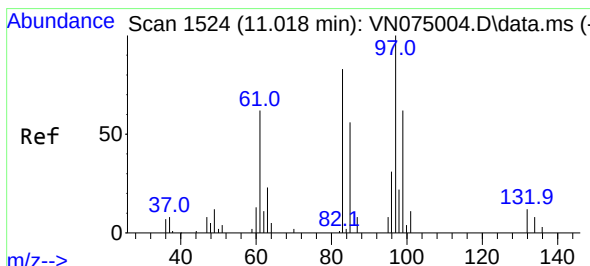
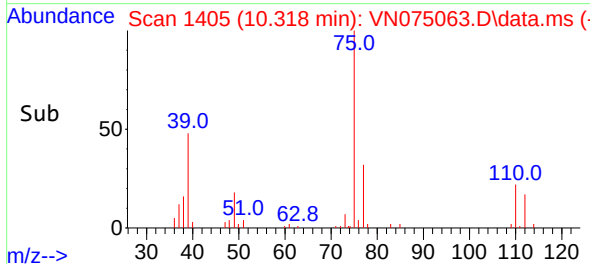
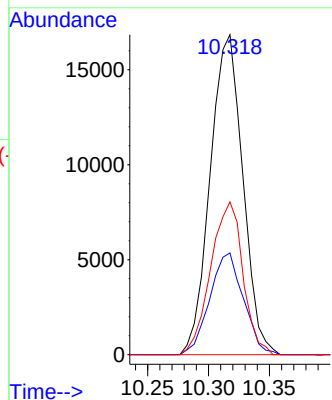
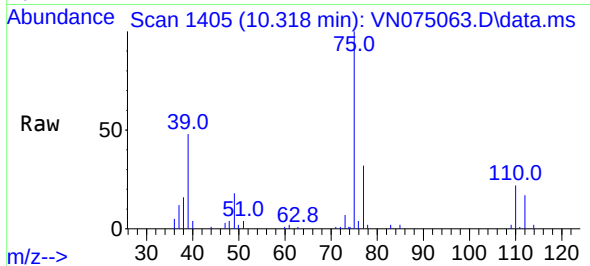




#49
 cis-1,3-Dichloropropene
 Concen: 18.756 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN075063.D
 Acq: 28 Oct 2022 16:12

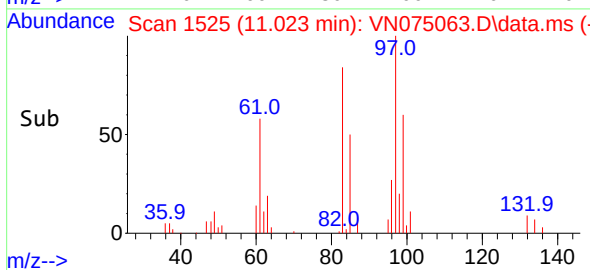
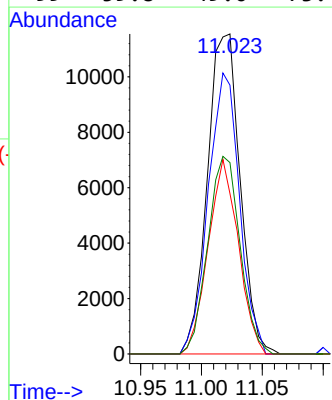
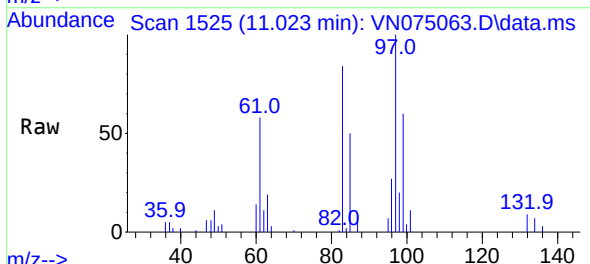
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

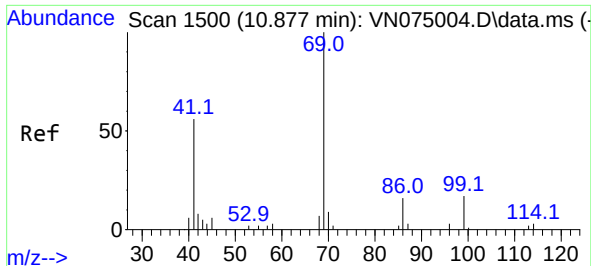
Tgt Ion: 75	Resp:	31429
Ion Ratio	Lower	Upper
75	100	
77	31.8	25.3 37.9
39	47.8	46.2 69.4



#50
 1,1,2-Trichloroethane
 Concen: 19.703 ug/l
 RT: 11.023 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: VN075063.D
 Acq: 28 Oct 2022 16:12

Tgt Ion: 97	Resp:	21637
Ion Ratio	Lower	Upper
97	100	
83	84.0	67.2 100.8
85	50.1	43.0 64.4
99	59.8	49.0 73.4

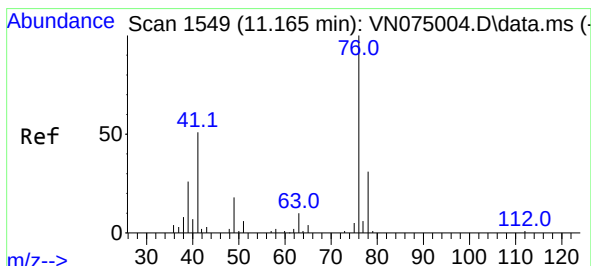
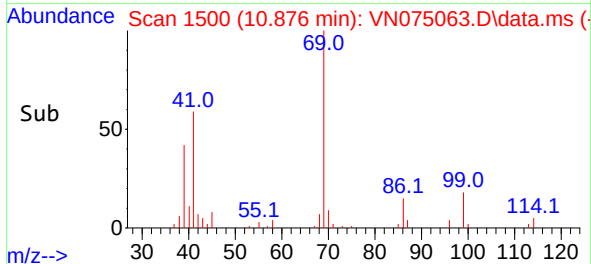
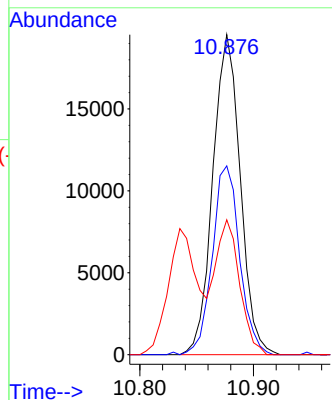
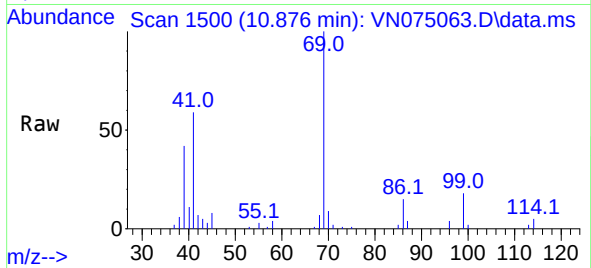




#51
Ethyl methacrylate
Concen: 19.168 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

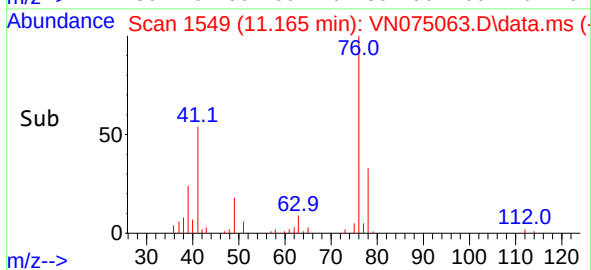
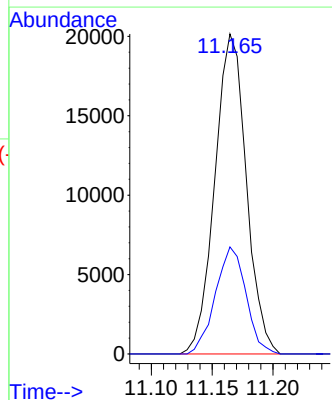
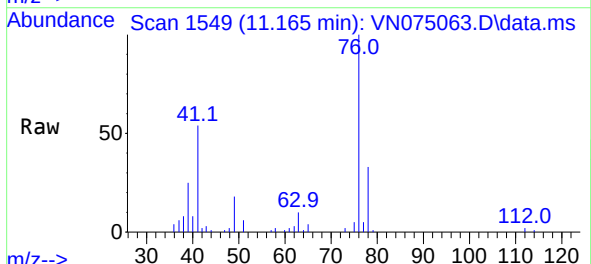
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

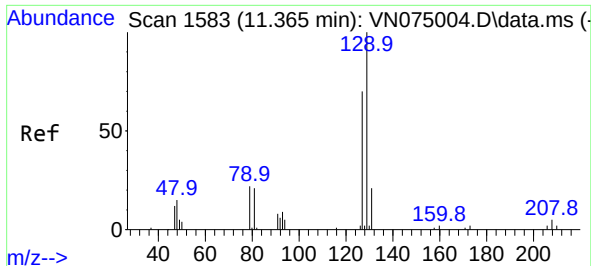
Tgt Ion: 69 Resp: 32796
Ion Ratio Lower Upper
69 100
41 59.0 33.0 98.9
39 42.2 25.4 76.4



#52
1,3-Dichloropropane
Concen: 19.752 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 76 Resp: 36279
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4

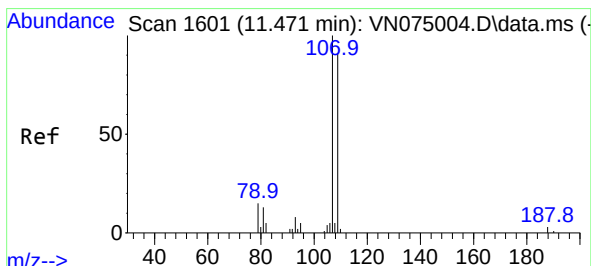
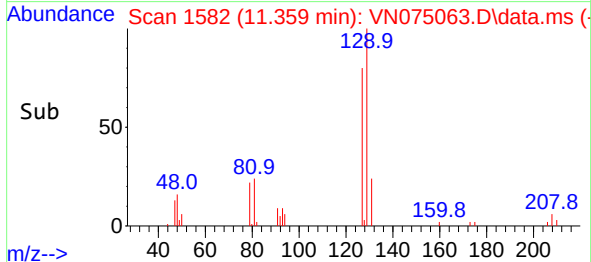
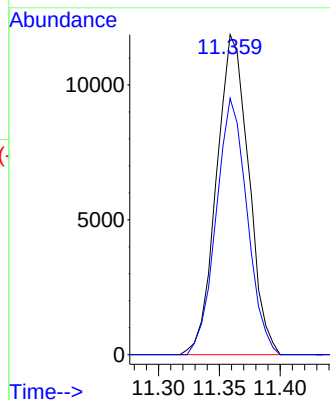
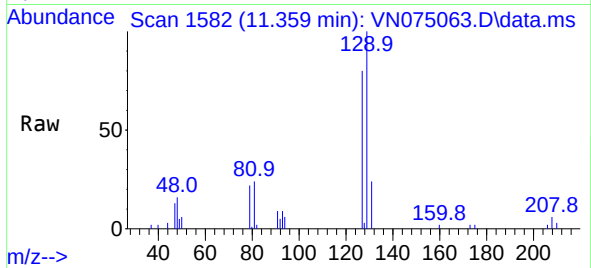




#53
Dibromochloromethane
Concen: 18.382 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

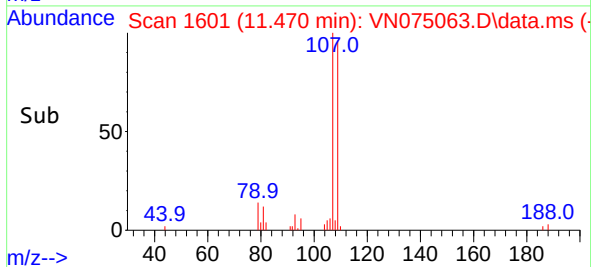
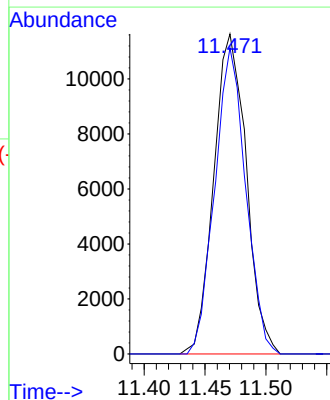
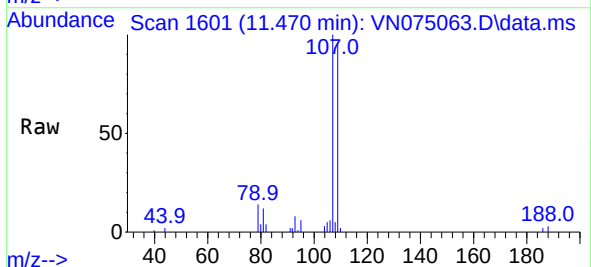
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

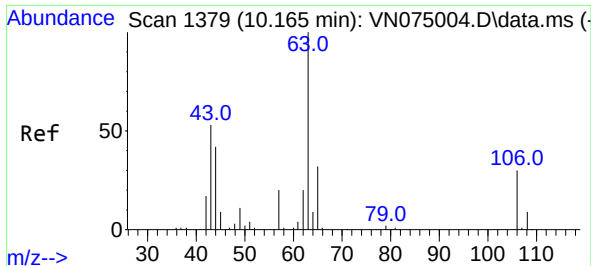
Tgt Ion:129 Resp: 21833
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0



#54
1,2-Dibromoethane
Concen: 18.970 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion:107 Resp: 21552
Ion Ratio Lower Upper
107 100
109 91.2 72.8 109.2

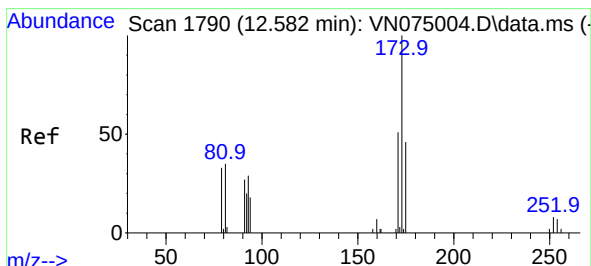
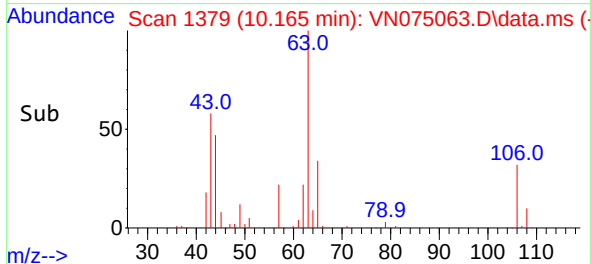
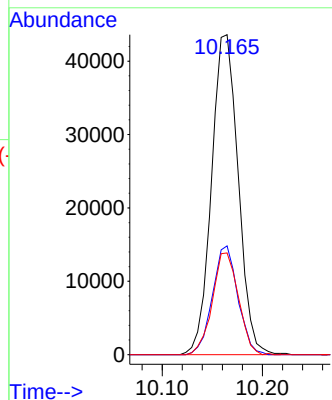
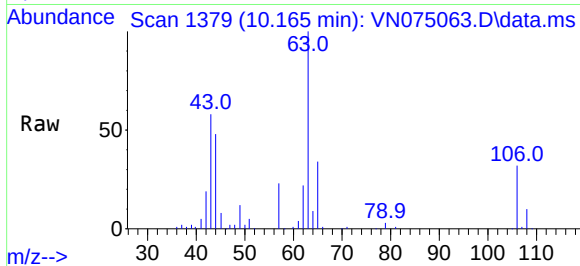




#55
2-Chloroethyl vinyl ether
Concen: 115.416 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

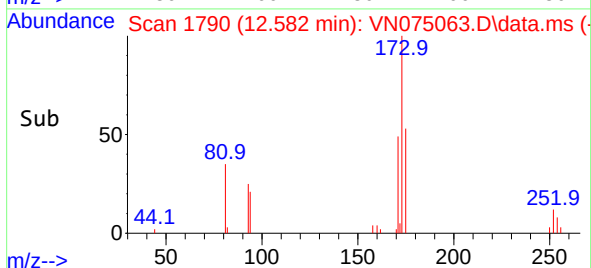
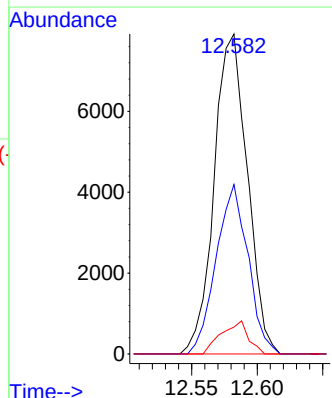
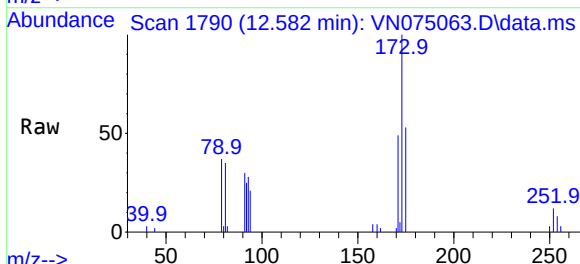
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

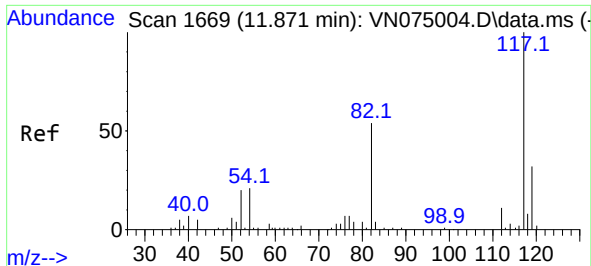
Tgt Ion: 63 Resp: 80680
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 31.0 23.2 34.8



#56
Bromoform
Concen: 15.963 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 173 Resp: 13920
Ion Ratio Lower Upper
173 100
175 50.9 38.6 58.0
254 8.3 0.0 0.0#

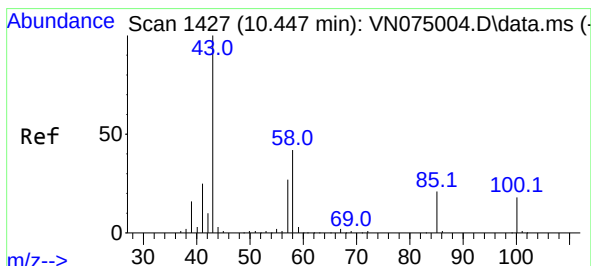
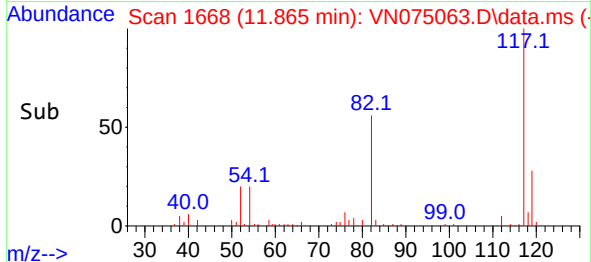
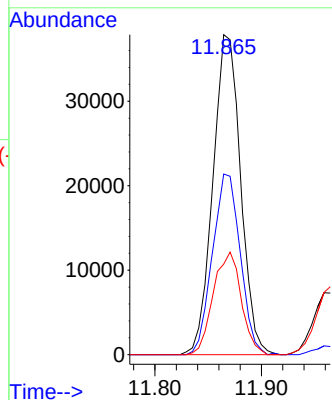
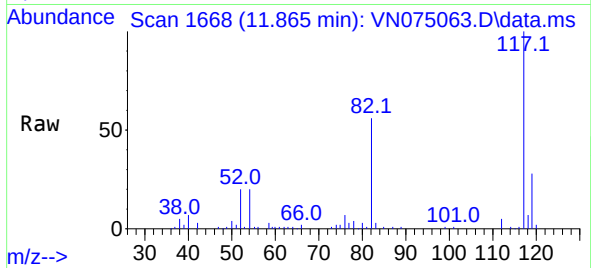




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

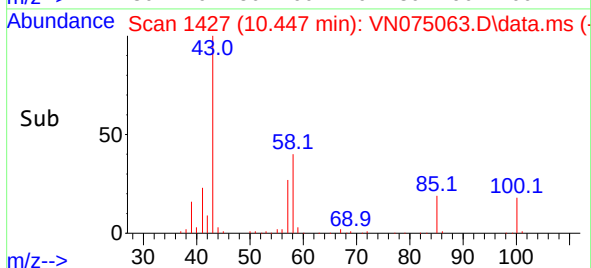
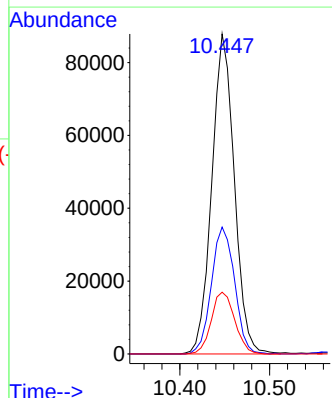
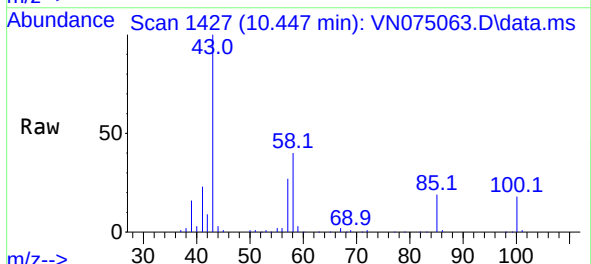
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

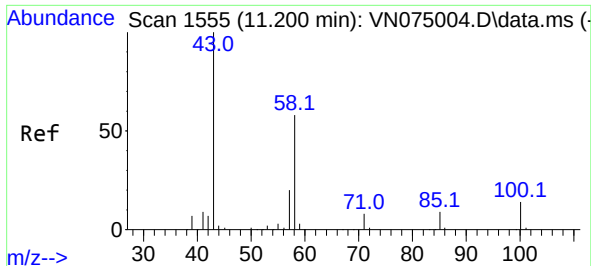
Tgt Ion:117 Resp: 68472
Ion Ratio Lower Upper
117 100
82 56.5 43.6 65.4
119 32.4 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 103.614 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 43 Resp: 153030
Ion Ratio Lower Upper
43 100
58 40.8 30.0 45.0
85 20.1 15.0 22.6

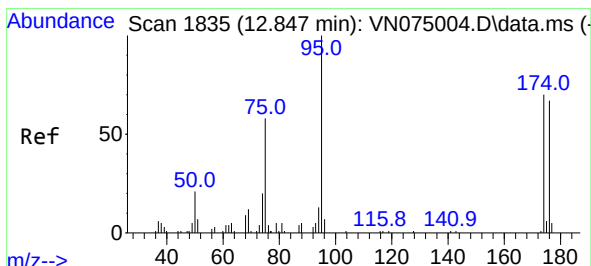
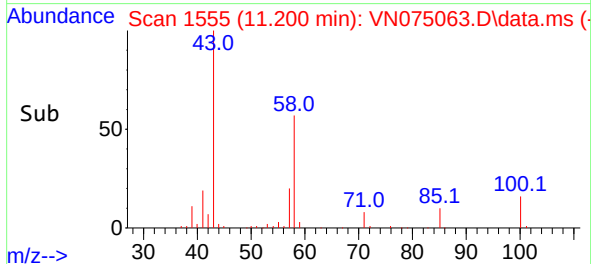
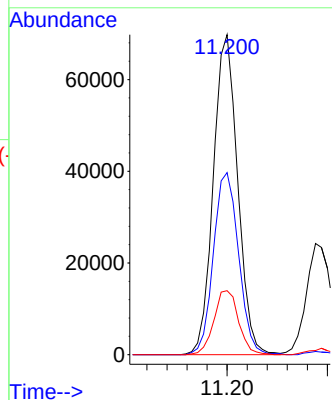
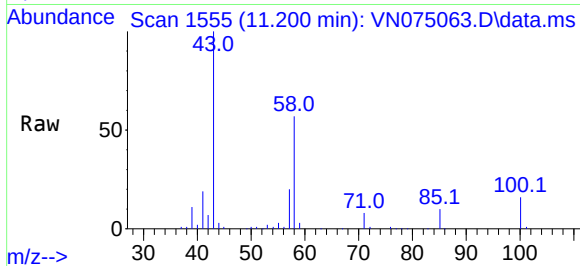




#59
2-Hexanone
Concen: 103.703 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

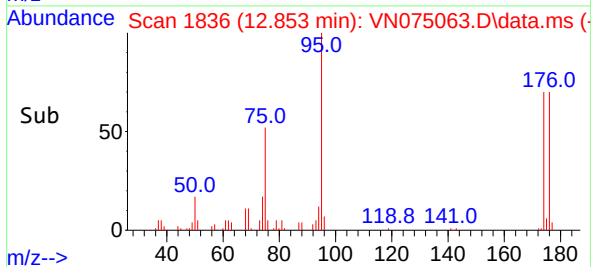
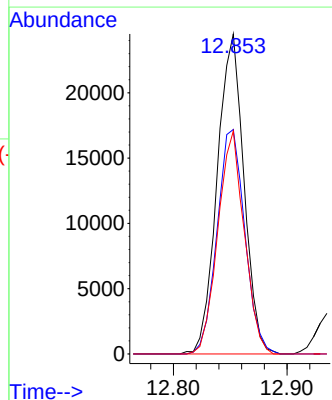
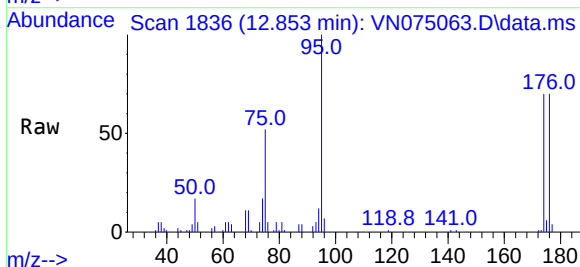
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

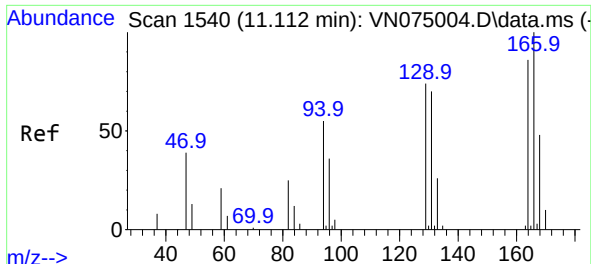
Tgt Ion: 43 Resp: 117494
Ion Ratio Lower Upper
43 100
58 58.7 42.2 63.2
57 20.3 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.694 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 95 Resp: 39949
Ion Ratio Lower Upper
95 100
174 73.0 62.9 94.3
176 68.9 61.0 91.4

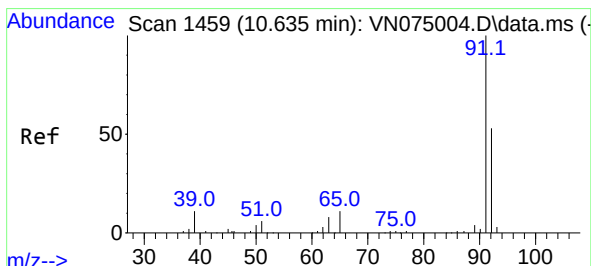
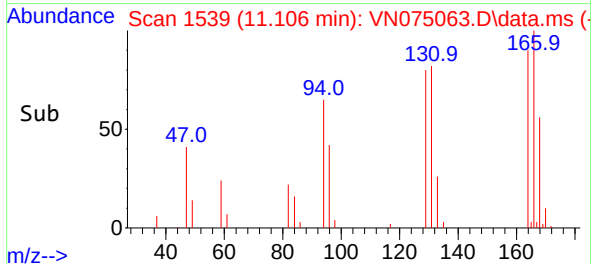
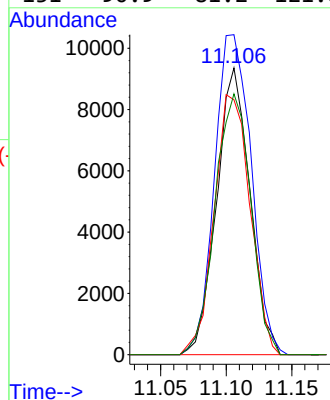
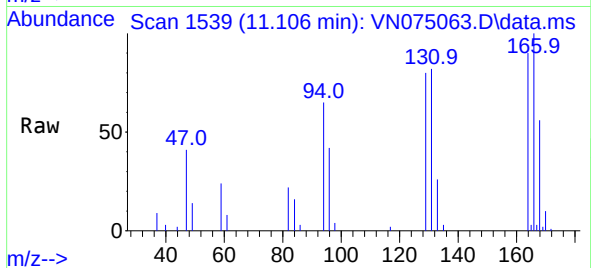




#61
Tetrachloroethene
Concen: 21.763 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

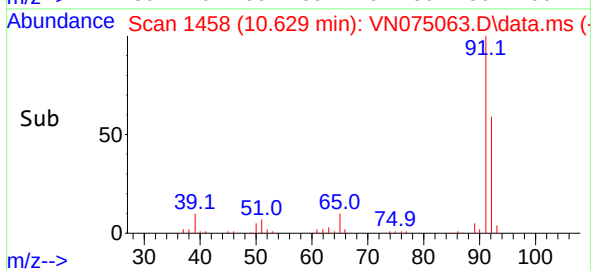
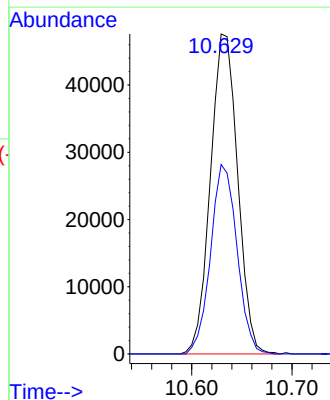
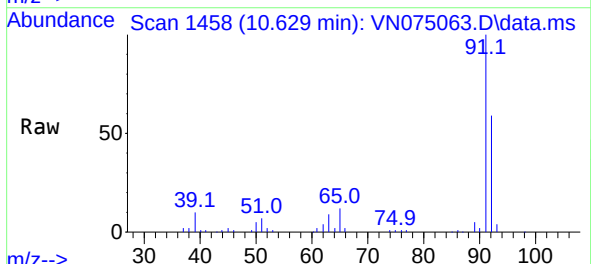
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

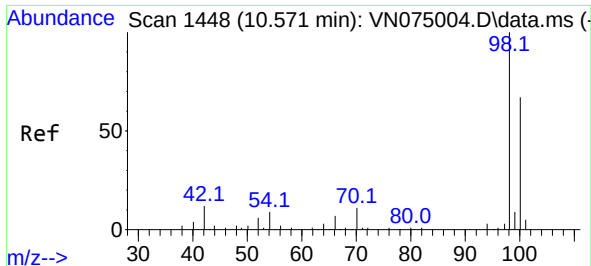
Tgt Ion:164 Resp: 16572
Ion Ratio Lower Upper
164 100
166 111.6 105.8 158.8
129 88.9 82.5 123.7
131 90.9 81.2 121.8



#62
Toluene
Concen: 20.260 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 91 Resp: 89818
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0

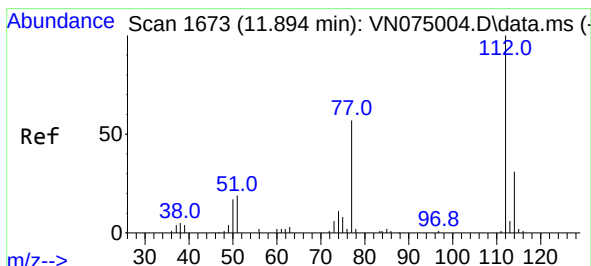
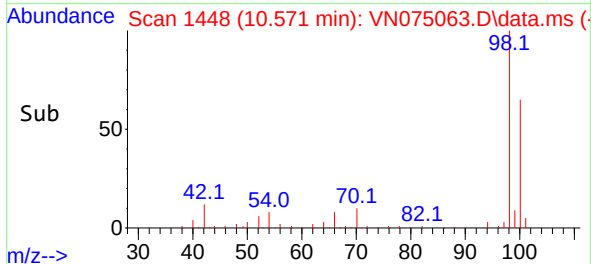
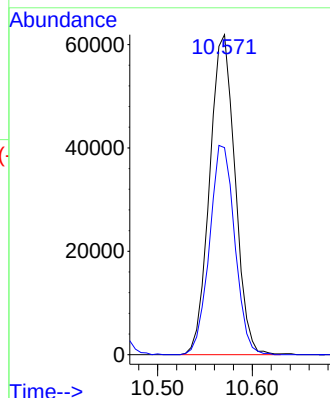
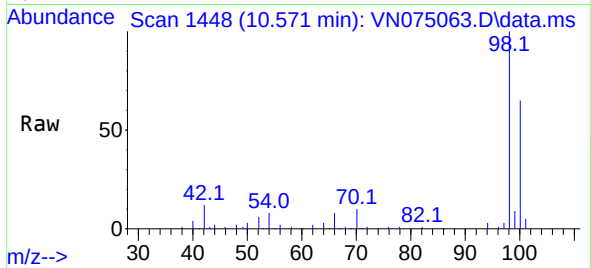




#63
Toluene-d8
Concen: 30.073 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

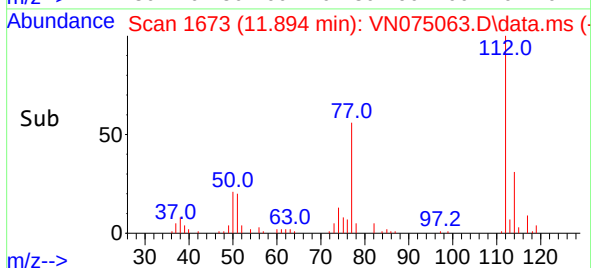
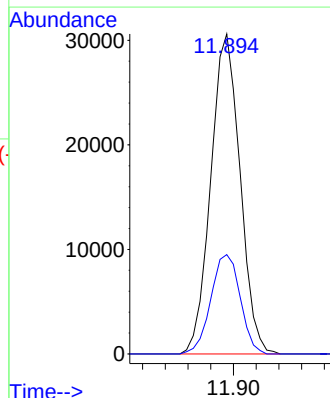
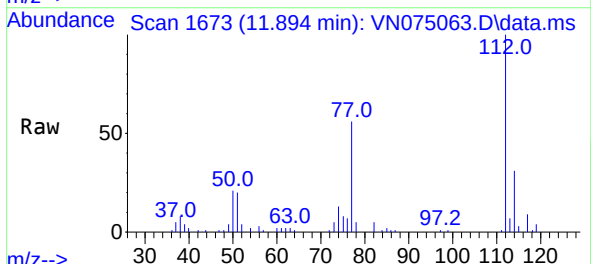
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

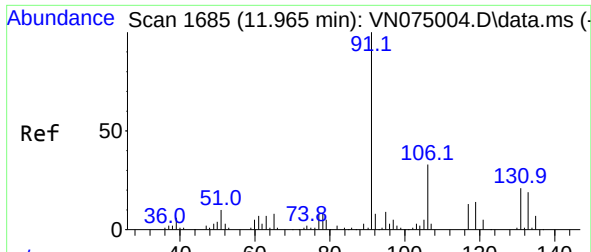
Tgt Ion: 98 Resp: 115168
Ion Ratio Lower Upper
98 100
100 65.2 50.6 76.0



#64
Chlorobenzene
Concen: 19.933 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 112 Resp: 54762
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6

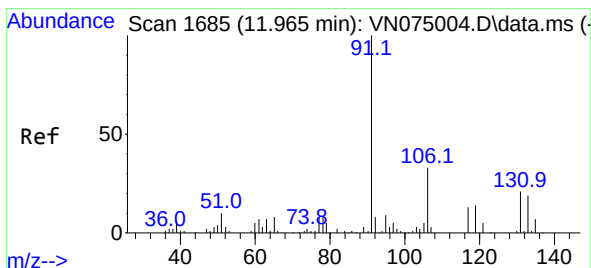
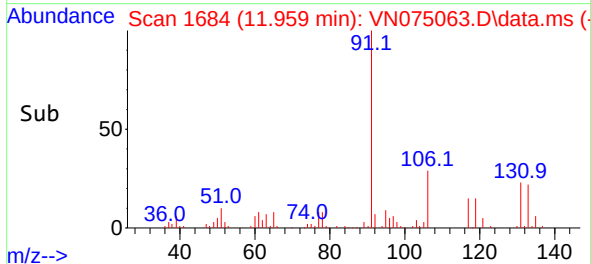
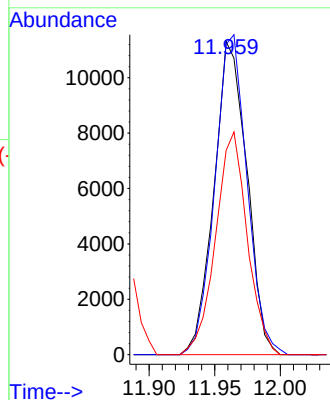
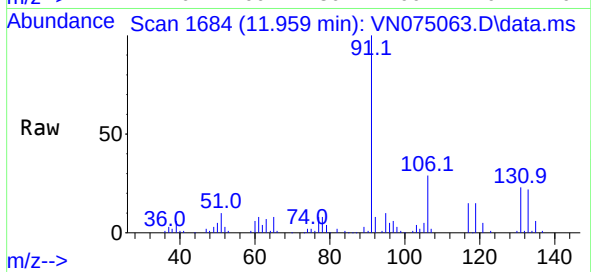




#65
1,1,1,2-Tetrachloroethane
Concen: 18.780 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

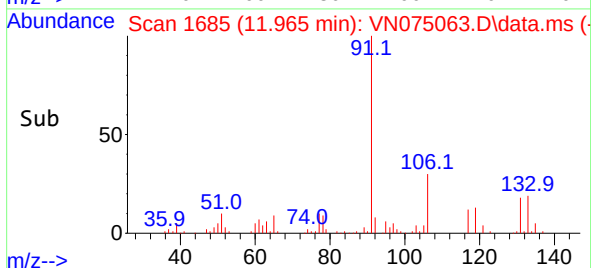
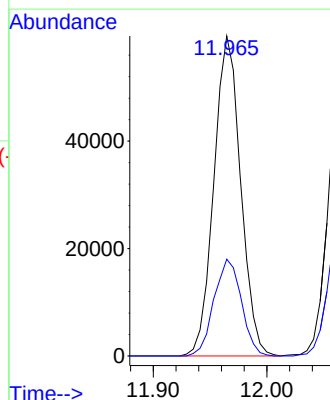
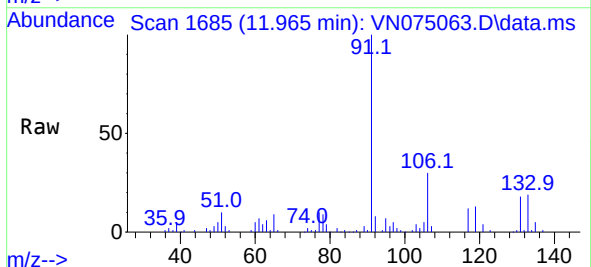
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

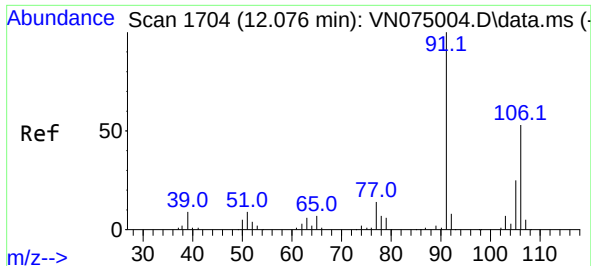
Tgt Ion:131 Resp: 19709
Ion Ratio Lower Upper
131 100
133 100.2 0.0 191.2
119 68.5 0.0 128.8



#66
Ethyl Benzene
Concen: 19.533 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 91 Resp: 97591
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0

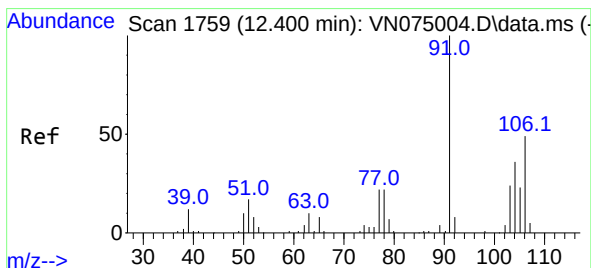
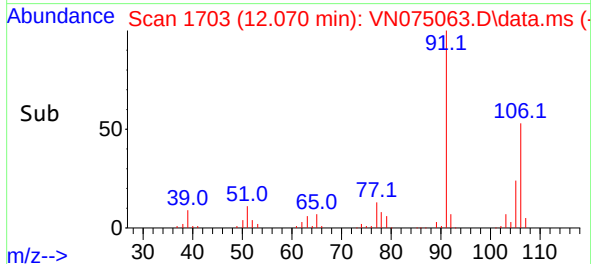
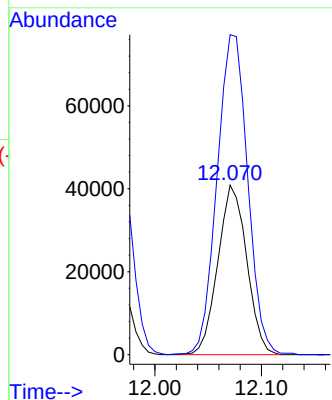
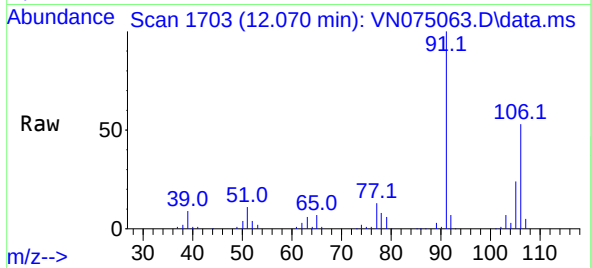




#67
m/p-Xylenes
Concen: 38.404 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

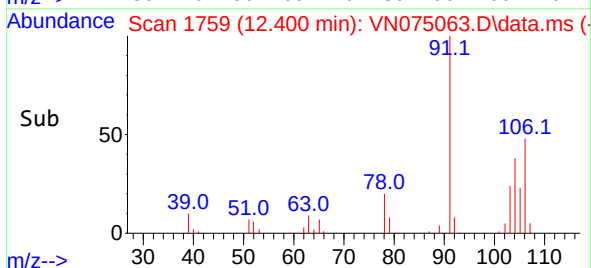
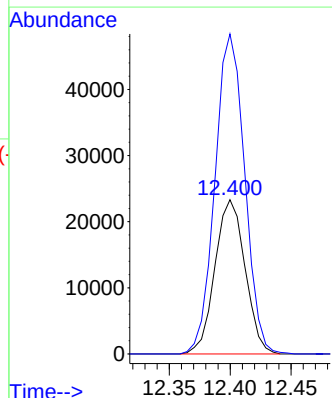
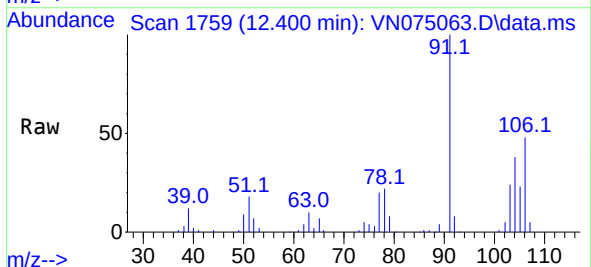
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

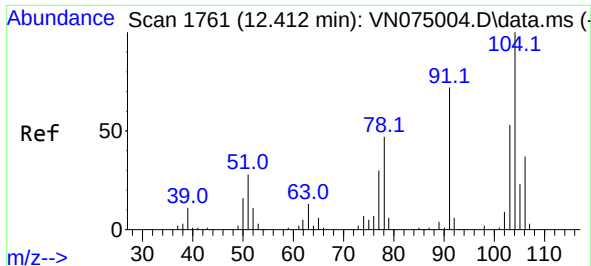
Tgt Ion:106 Resp: 76953
Ion Ratio Lower Upper
106 100
91 198.2 162.9 244.3



#68
o-Xylene
Concen: 19.971 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion:106 Resp: 40224
Ion Ratio Lower Upper
106 100
91 204.4 107.7 323.1

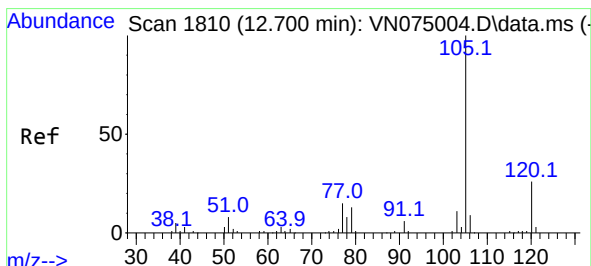
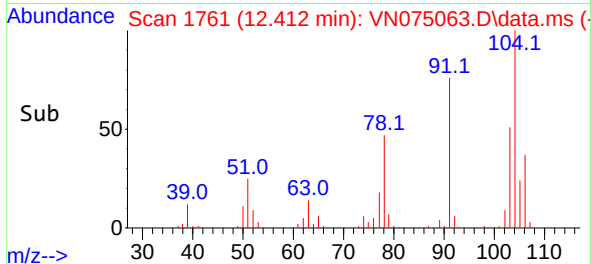
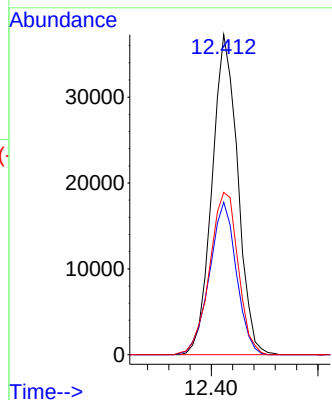
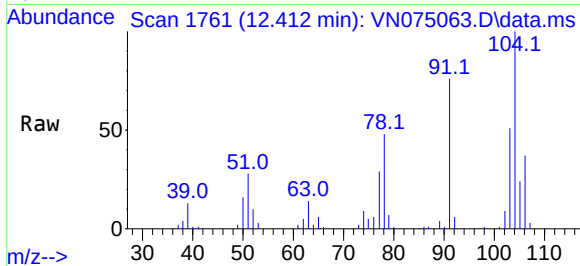




#69
Styrene
Concen: 18.897 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

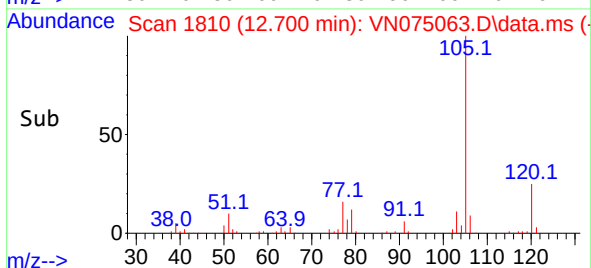
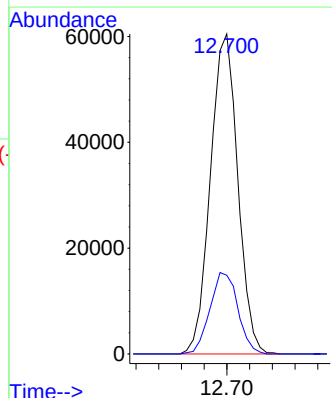
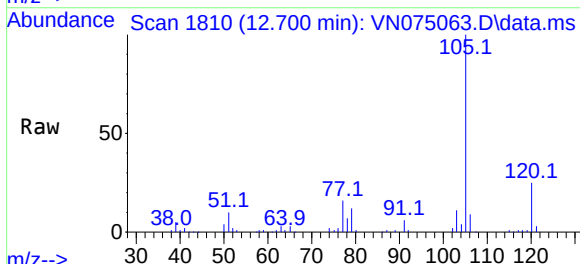
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

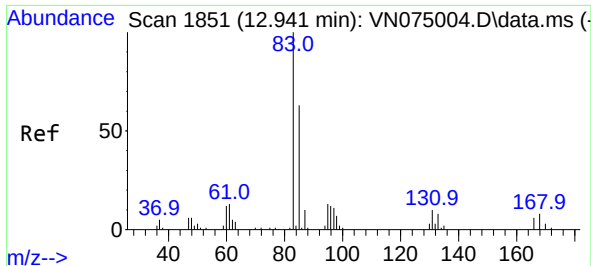
Tgt Ion:104 Resp: 62244
Ion Ratio Lower Upper
104 100
78 50.0 40.7 61.1
103 56.3 45.8 68.8



#70
Isopropylbenzene
Concen: 19.269 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion:105 Resp: 101121
Ion Ratio Lower Upper
105 100
120 26.0 18.3 34.1

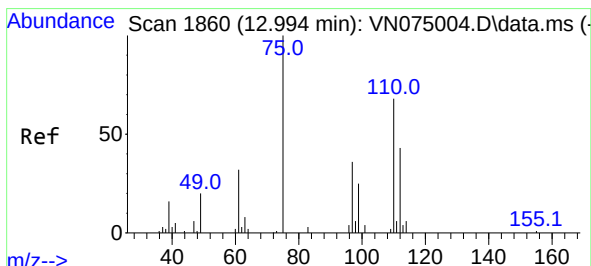
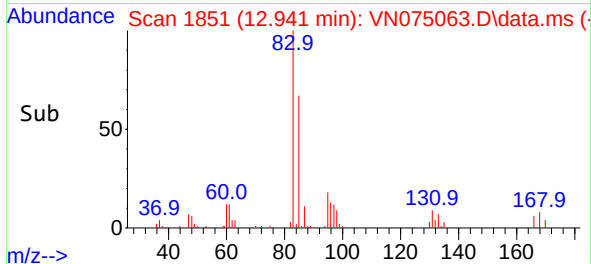
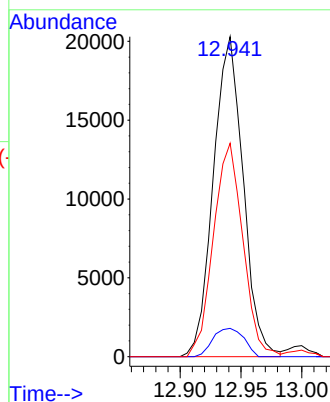
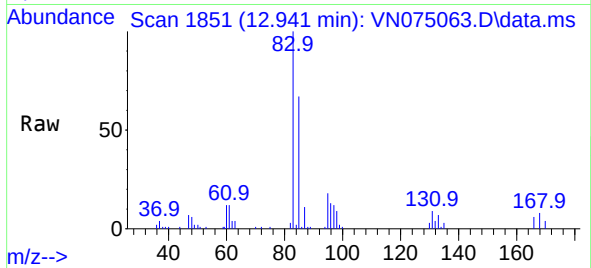




#71
1,1,2,2-Tetrachloroethane
Concen: 20.232 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

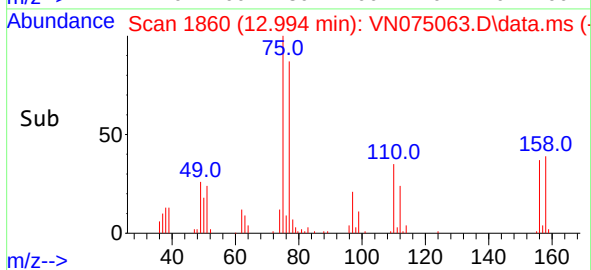
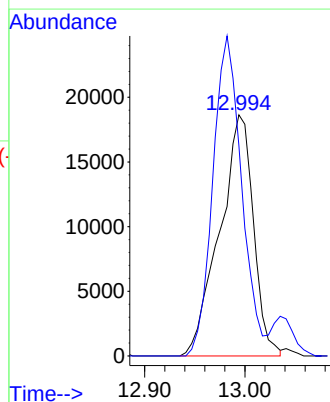
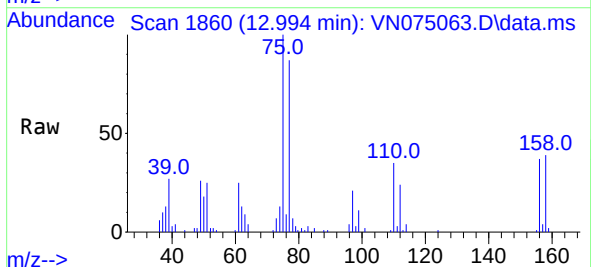
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

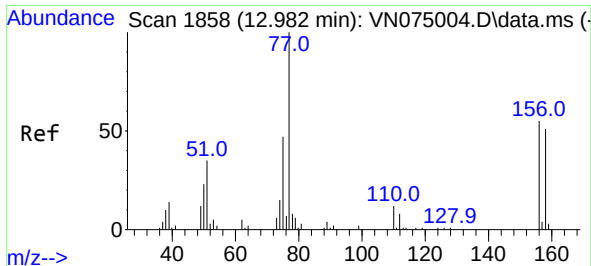
Tgt Ion: 83 Resp: 34586
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 65.9 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 28.084 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 75 Resp: 43595
Ion Ratio Lower Upper
75 100
77 112.3 0.0 378.0

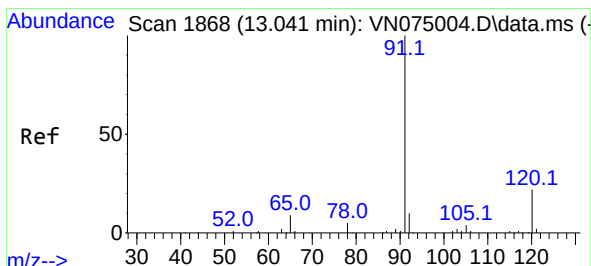
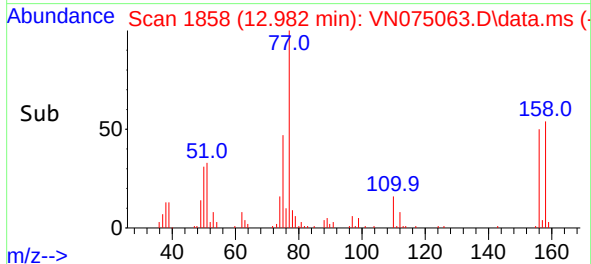
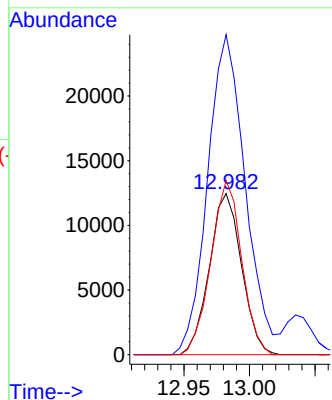
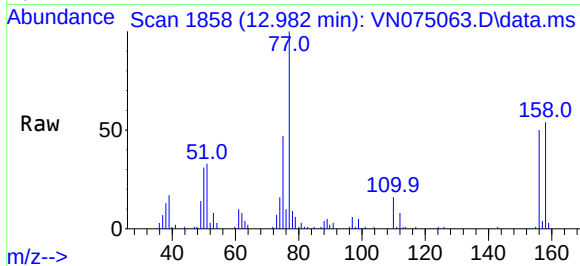




#73
Bromobenzene
Concen: 18.229 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

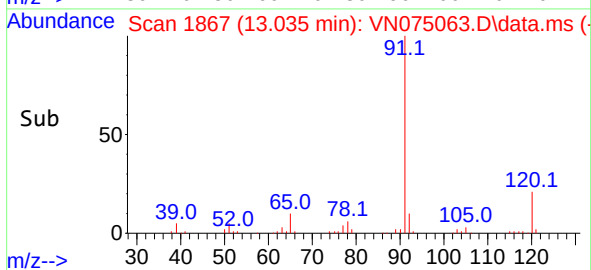
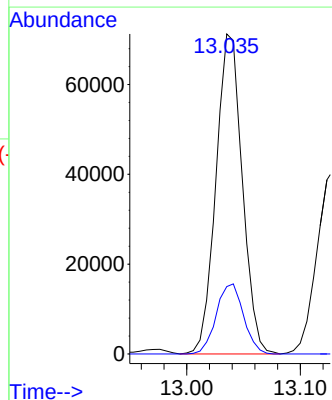
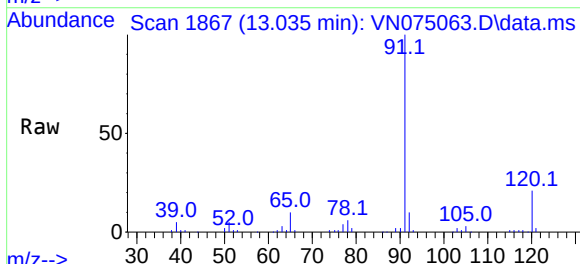
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

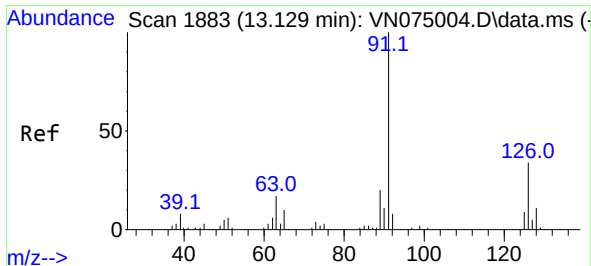
Tgt Ion:156 Resp: 21293
Ion Ratio Lower Upper
156 100
77 230.0 0.0 416.0
158 103.4 0.0 195.4



#74
n-propylbenzene
Concen: 19.553 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 91 Resp: 114910
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.0

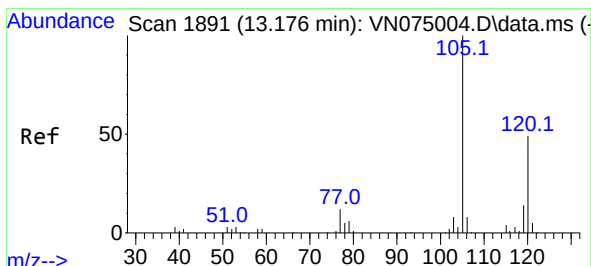
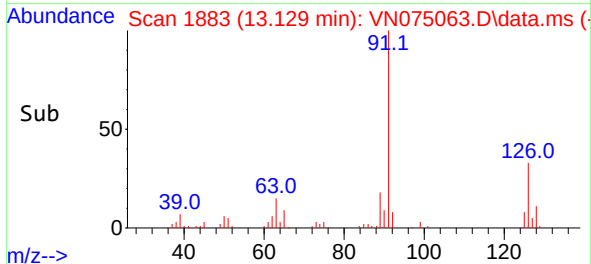
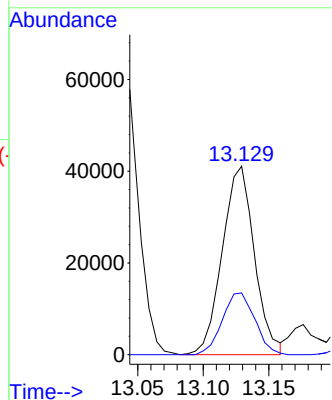
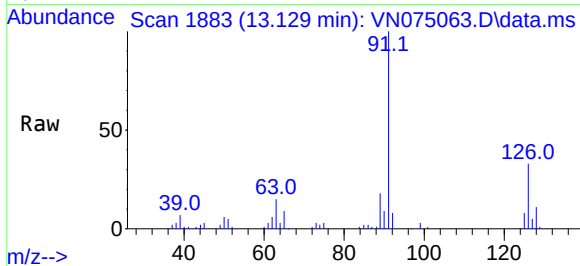




#75
2-Chlorotoluene
Concen: 19.623 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

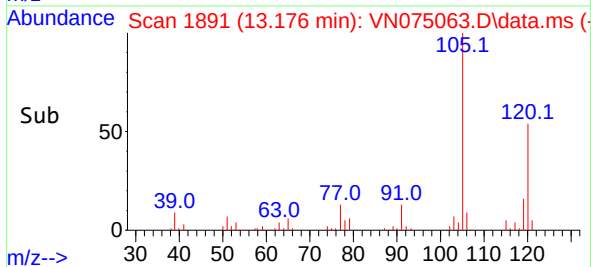
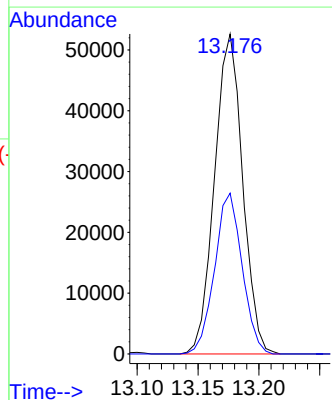
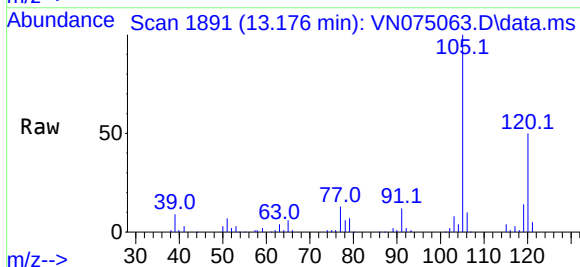
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

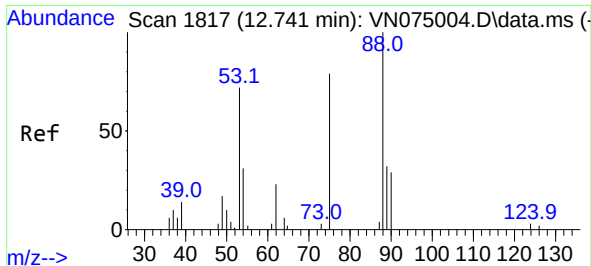
Tgt Ion: 91 Resp: 70179
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 19.015 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion:105 Resp: 84531
Ion Ratio Lower Upper
105 100
120 49.2 0.0 93.8

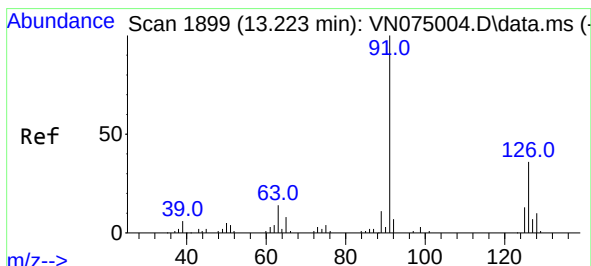
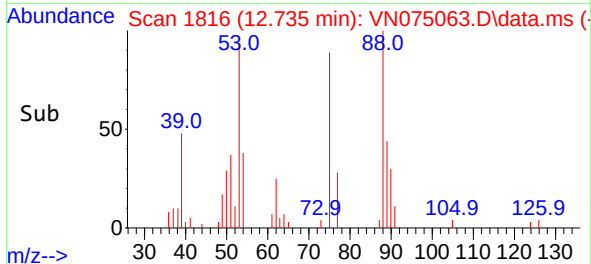
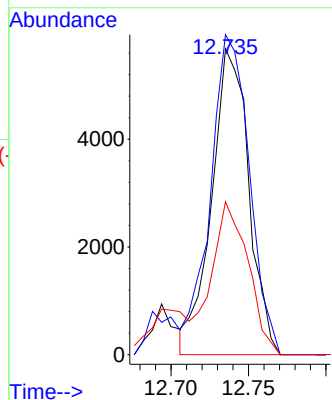
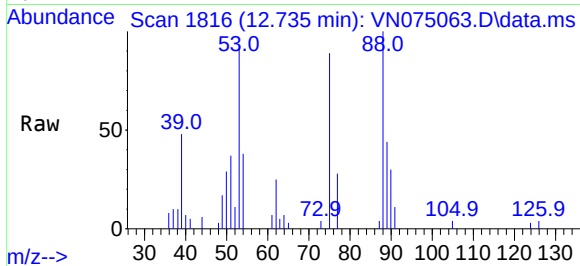




#77
t-1,4-Dichloro-2-butene
Concen: 17.458 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

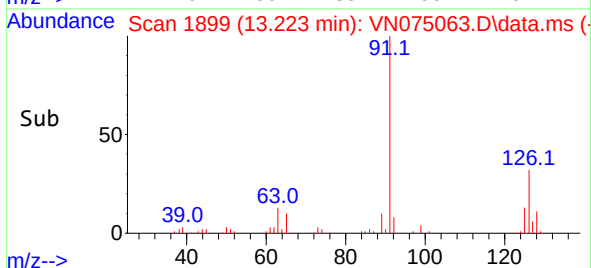
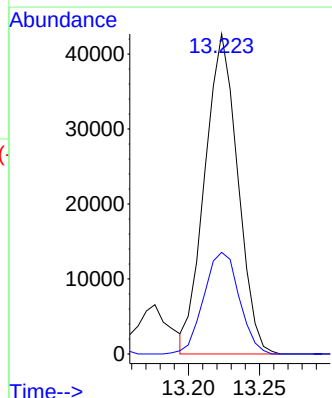
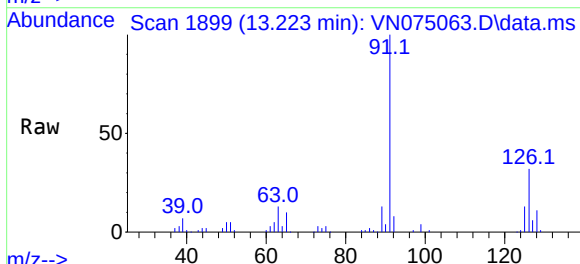
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

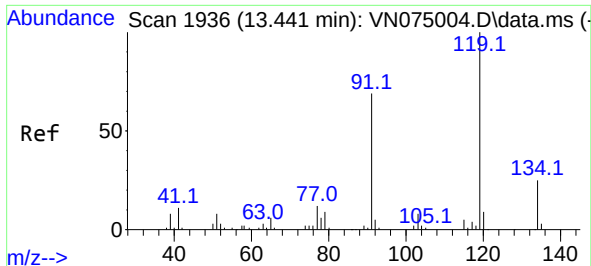
Tgt Ion: 75 Resp: 9466
Ion Ratio Lower Upper
75 100
53 104.6 51.8 155.5
89 50.0 22.9 68.7



#78
4-Chlorotoluene
Concen: 19.835 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 91 Resp: 68901
Ion Ratio Lower Upper
91 100
126 34.1 0.0 70.6





#79

tert-butylbenzene

Concen: 18.822 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

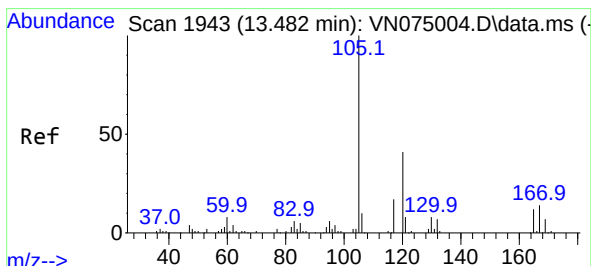
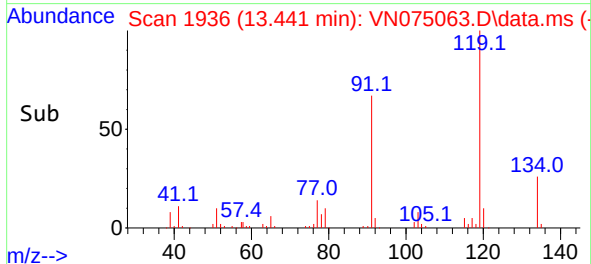
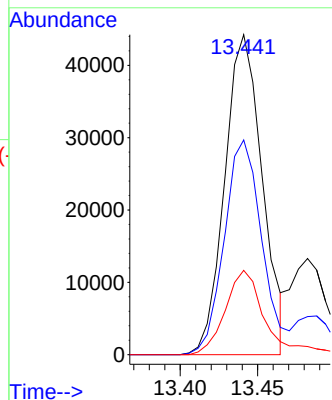
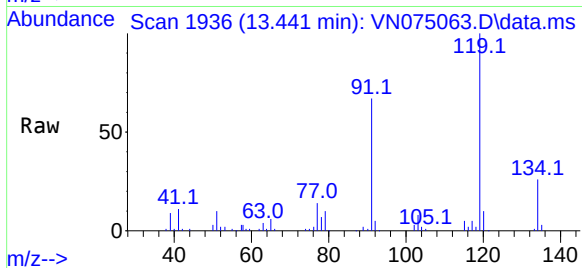
Tgt Ion:119 Resp: 74710

Ion Ratio Lower Upper

119 100

91 67.4 0.0 137.0

134 25.8 0.0 47.6



#80

1,2,4-Trimethylbenzene

Concen: 19.155 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.000 min

Lab File: VN075063.D

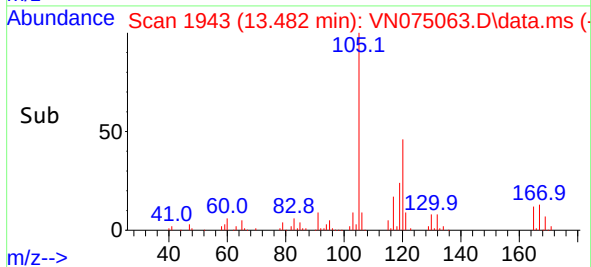
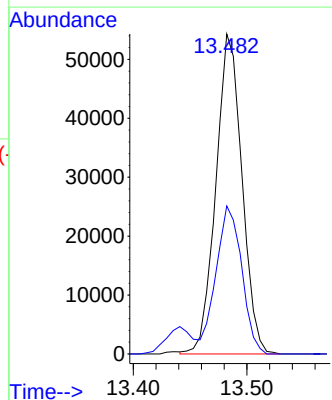
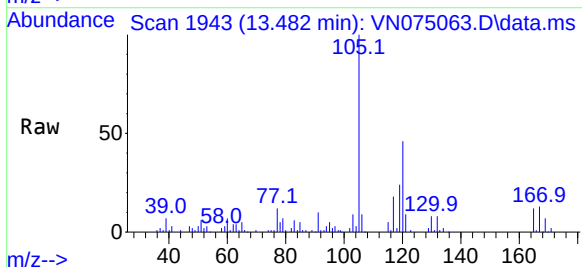
Acq: 28 Oct 2022 16:12

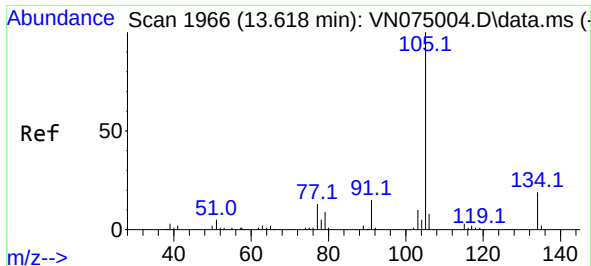
Tgt Ion:105 Resp: 86621

Ion Ratio Lower Upper

105 100

120 45.4 0.0 0.2#

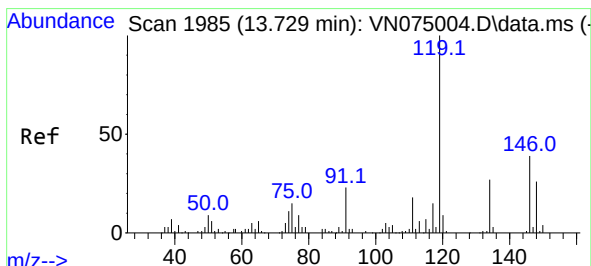
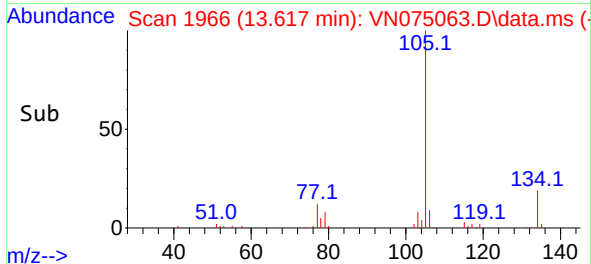
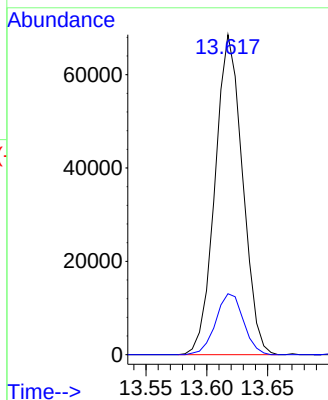
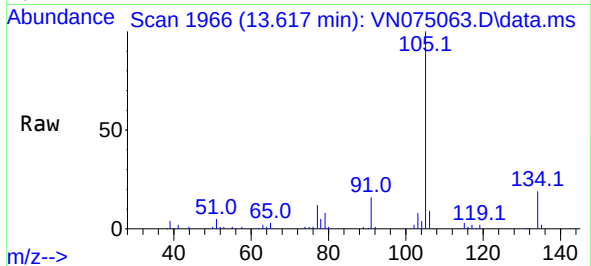




#81
 sec-Butylbenzene
 Concen: 19.341 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075063.D
 Acq: 28 Oct 2022 16:12

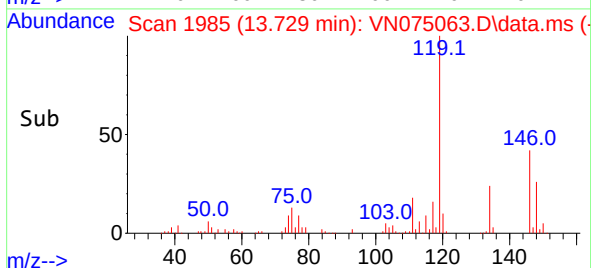
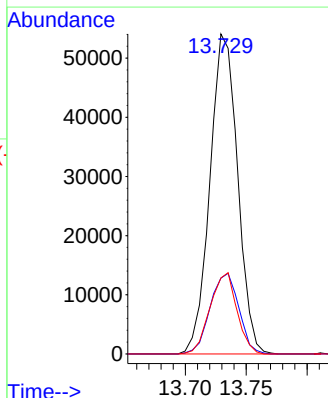
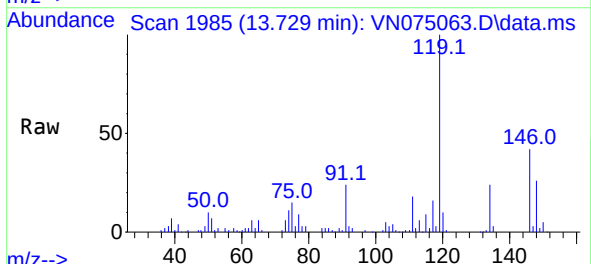
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

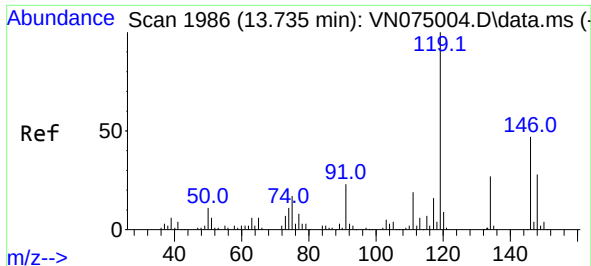
Tgt Ion:105 Resp: 107926
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 18.175 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075063.D
 Acq: 28 Oct 2022 16:12

Tgt Ion:119 Resp: 85559
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 24.6 0.0 50.4

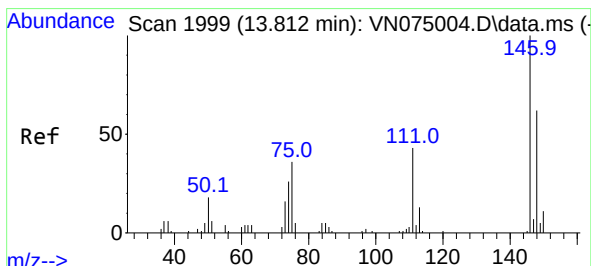
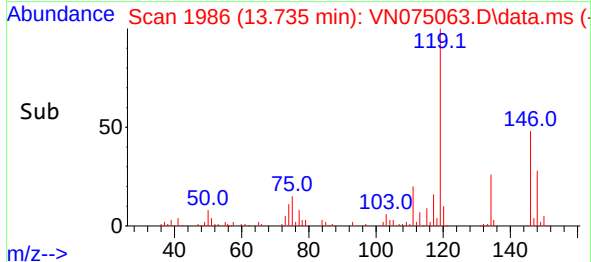
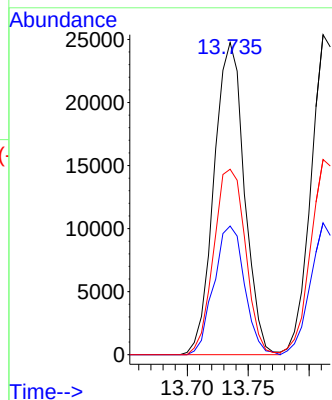
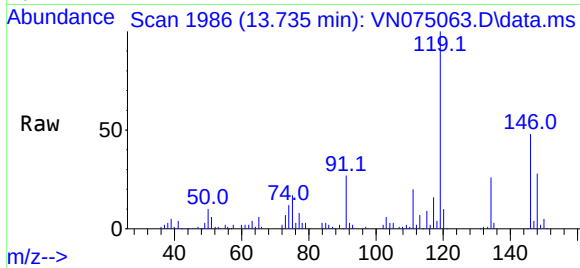




#83
1,3-Dichlorobenzene
Concen: 18.625 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

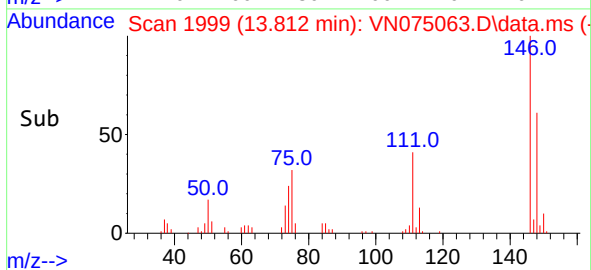
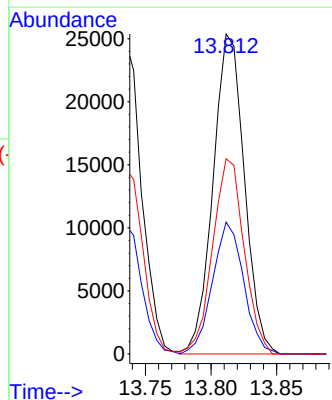
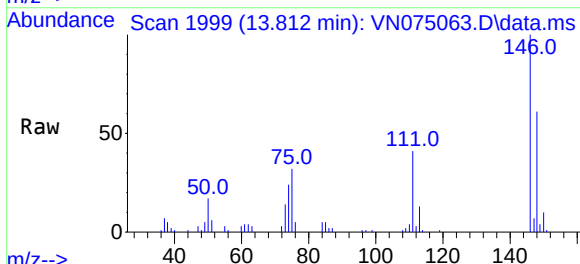
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

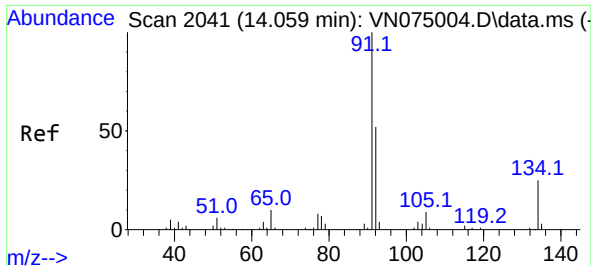
Tgt Ion:146 Resp: 43023
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 62.1 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 18.898 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion:146 Resp: 42116
Ion Ratio Lower Upper
146 100
111 41.0 19.5 58.5
148 61.3 31.1 93.5



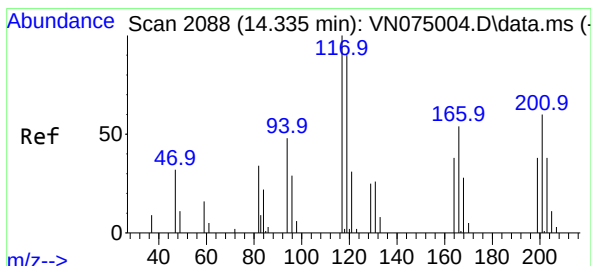
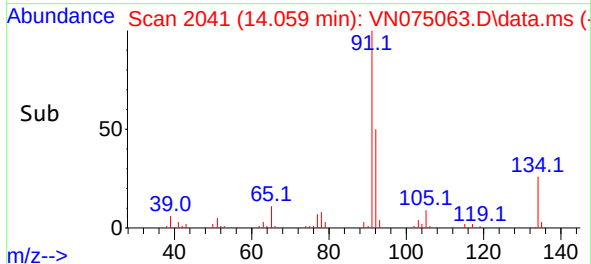
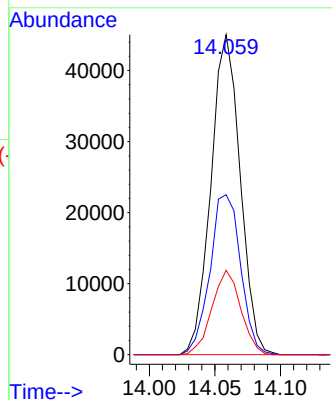
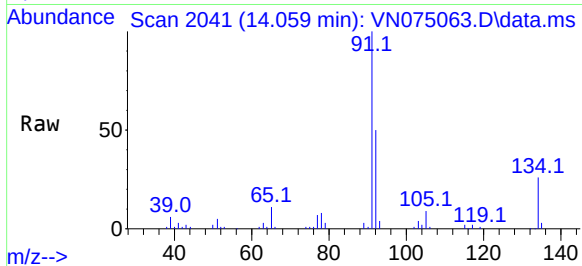


#85
n-Butylbenzene
Concen: 18.533 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 91 Resp: 69976

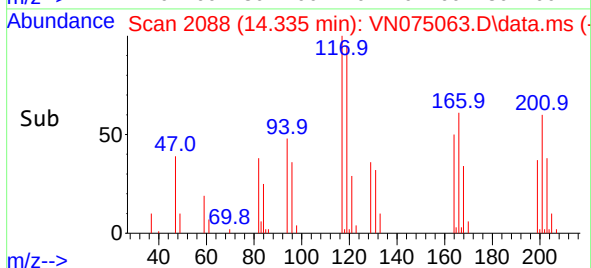
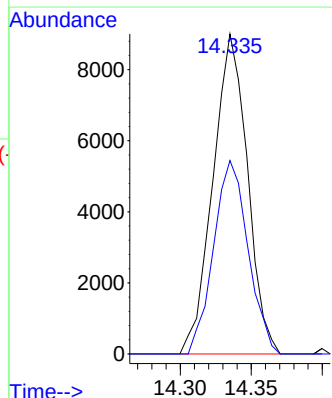
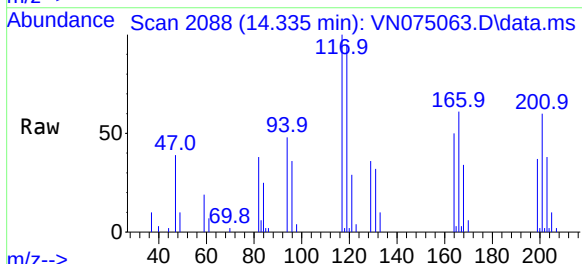
Ion	Ratio	Lower	Upper
91	100		
92	52.4	0.0	100.6
134	25.9	0.0	50.2

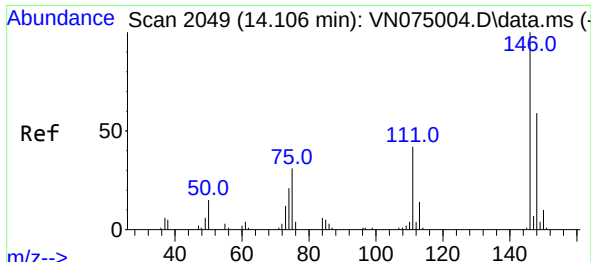


#86
Hexachloroethane
Concen: 17.453 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion: 117 Resp: 15225

Ion	Ratio	Lower	Upper
117	100		
201	60.4	33.3	99.8





#87

1,2-Dichlorobenzene

Concen: 18.595 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

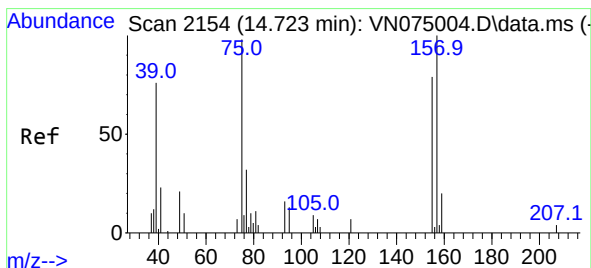
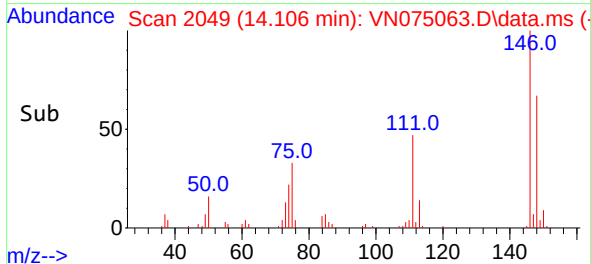
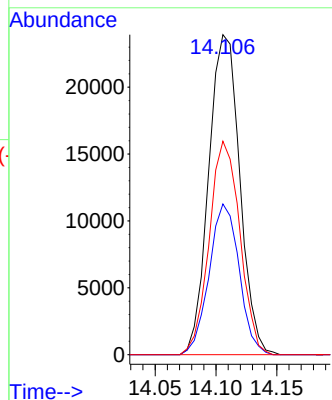
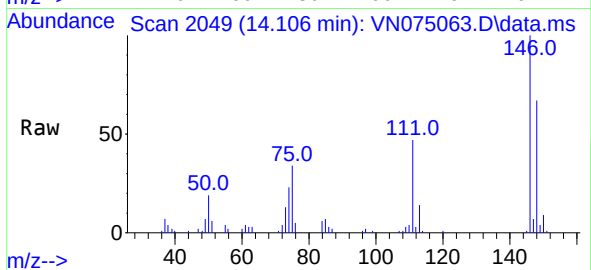
Tgt Ion:146 Resp: 42487

Ion Ratio Lower Upper

146 100

111 45.5 21.4 64.2

148 65.7 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.434 ug/l

RT: 14.717 min Scan# 2153

Delta R.T. -0.006 min

Lab File: VN075063.D

Acq: 28 Oct 2022 16:12

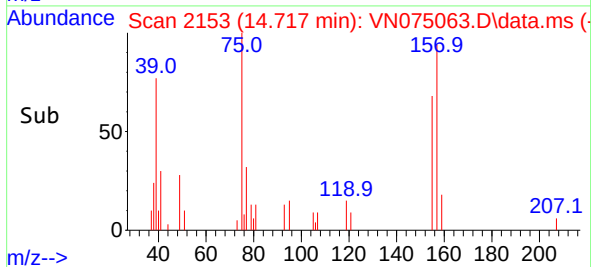
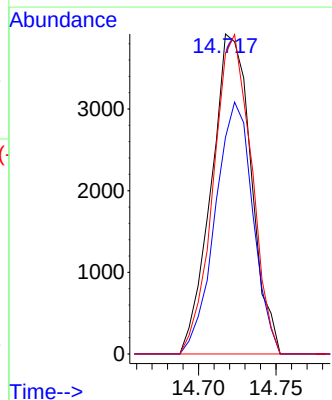
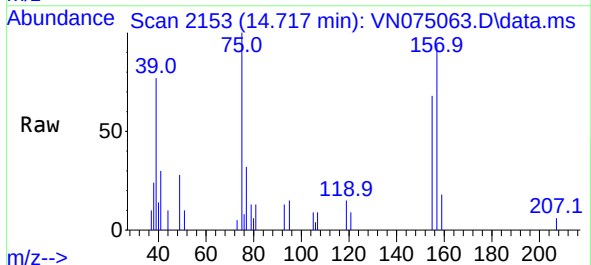
Tgt Ion: 75 Resp: 6983

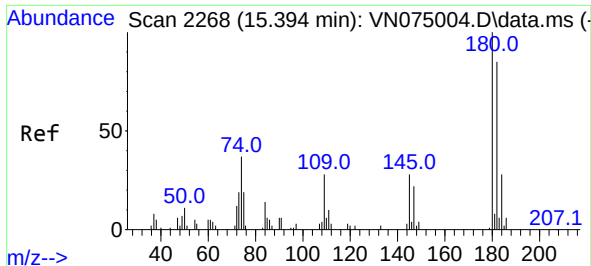
Ion Ratio Lower Upper

75 100

155 74.8 63.8 95.8

157 95.3 77.9 116.9

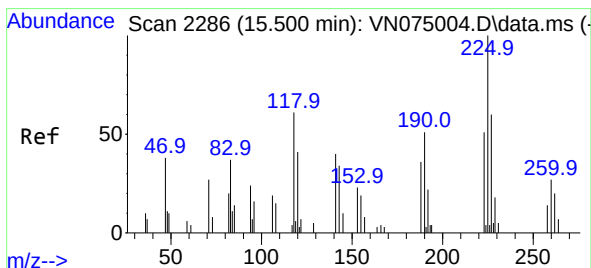
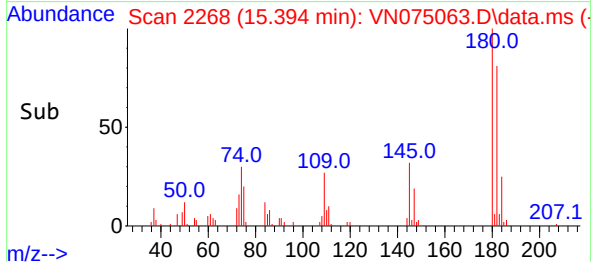
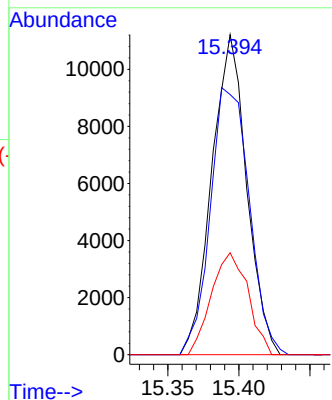
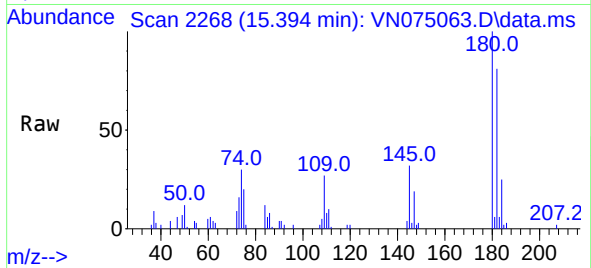




#89
1,2,4-Trichlorobenzene
Concen: 18.966 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

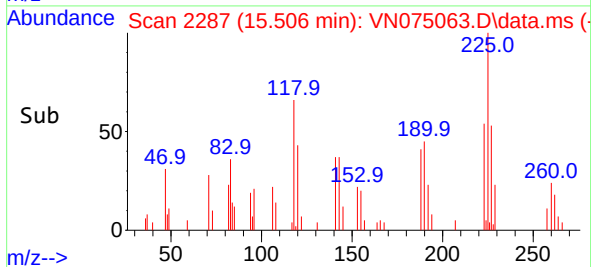
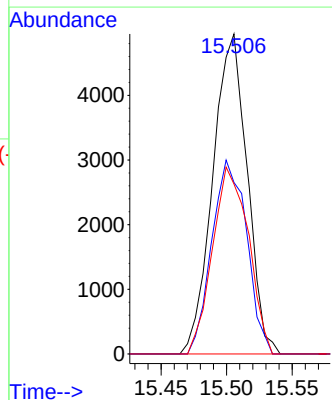
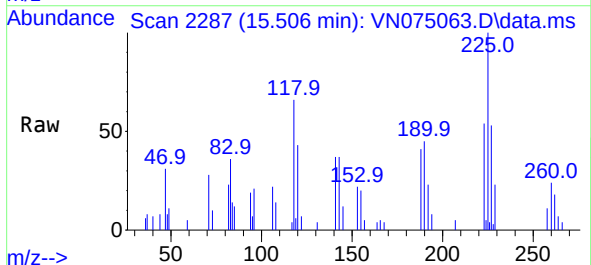
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

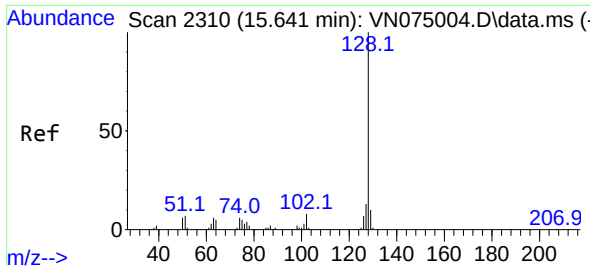
Tgt Ion:180 Resp: 19141
Ion Ratio Lower Upper
180 100
182 93.3 77.7 116.5
145 33.5 26.6 39.8



#90
Hexachlorobutadiene
Concen: 19.429 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion:225 Resp: 9018
Ion Ratio Lower Upper
225 100
223 61.4 0.0 126.8
227 61.0 0.0 123.0

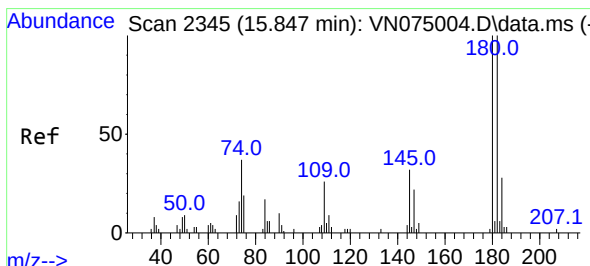
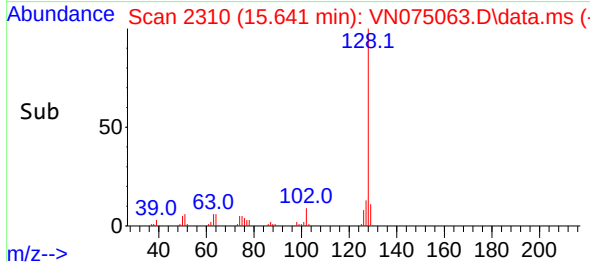
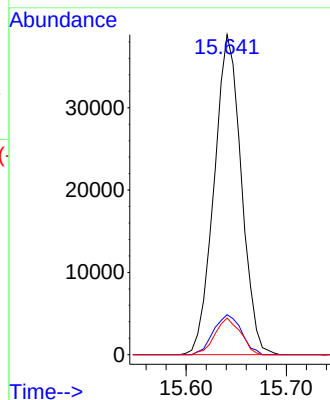
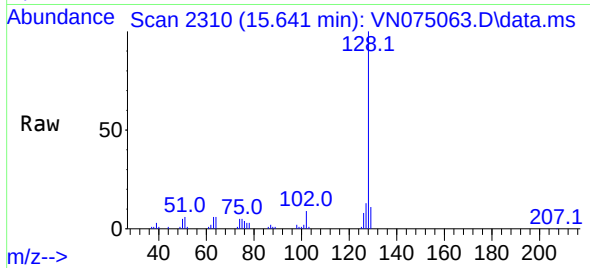




#91
Naphthalene
Concen: 18.302 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:	128	Resp:	73204
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	10.8	9.0	13.6



#92
1,2,3-Trichlorobenzene
Concen: 18.239 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.006 min
Lab File: VN075063.D
Acq: 28 Oct 2022 16:12

Tgt Ion:	180	Resp:	18633
Ion	Ratio	Lower	Upper
180	100		
182	97.0	0.0	190.0
145	35.0	0.0	67.8

