

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075641.D
 Acq On : 08 Dec 2022 12:32
 Operator : JC\MD
 Sample : VN1208WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Quant Time: Dec 09 02:05:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	171714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	272254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	250104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	49738	53.961	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.920%	
35) Dibromofluoromethane	8.171	113	64713	60.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 121.020%	
50) Toluene-d8	10.571	98	135356	56.192	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.380%	
62) 4-Bromofluorobenzene	12.853	95	106407	59.847	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	28556	21.748	ug/l	95
3) Chloromethane	2.371	50	32039	19.610	ug/l	91
4) Vinyl Chloride	2.524	62	39197	19.036	ug/l	92
5) Bromomethane	2.936	94	37665	20.802	ug/l	98
6) Chloroethane	3.112	64	31904	20.449	ug/l	91
7) Trichlorofluoromethane	3.501	101	58775	19.981	ug/l	100
8) Diethyl Ether	3.971	74	23558	22.850	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	34761	21.406	ug/l	92
10) Methyl Iodide	4.595	142	57148	21.718	ug/l	96
11) Tert butyl alcohol	5.536	59	36338	93.912	ug/l	# 85
12) 1,1-Dichloroethene	4.348	96	33130	20.834	ug/l	87
13) Acrolein	4.189	56	29784	88.358	ug/l	100
14) Allyl chloride	5.030	41	43132	20.970	ug/l	94
15) Acrylonitrile	5.736	53	87128	98.147	ug/l	99
16) Acetone	4.442	43	88715	103.186	ug/l	# 88
17) Carbon Disulfide	4.718	76	78928	19.099	ug/l	97
18) Methyl Acetate	5.036	43	47501	21.169	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	120412	21.376	ug/l	100
20) Methylene Chloride	5.277	84	41008	22.826	ug/l	89
21) trans-1,2-Dichloroethene	5.795	96	35767	19.737	ug/l	94
22) Diisopropyl ether	6.677	45	101160	21.552	ug/l	95
23) Vinyl Acetate	6.612	43	347370	93.023	ug/l	99
24) 1,1-Dichloroethane	6.577	63	64634	21.453	ug/l	97
25) 2-Butanone	7.489	43	118747	98.929	ug/l	98
26) 2,2-Dichloropropane	7.494	77	53082	18.957	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	44827	21.876	ug/l	92
28) Bromochloromethane	7.818	49	26154	21.386	ug/l	83
29) Tetrahydrofuran	7.847	42	71361	97.739	ug/l	96
30) Chloroform	7.977	83	72371	20.917	ug/l	95
31) Cyclohexane	8.259	56	54103	18.475	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	63578	20.238	ug/l	99
36) 1,1-Dichloropropene	8.377	75	49015	21.015	ug/l	96
37) Ethyl Acetate	7.565	43	46499	22.141	ug/l	99
38) Carbon Tetrachloride	8.371	117	55357	21.606	ug/l	99
39) Methylcyclohexane	9.606	83	64330	22.038	ug/l	94
40) Benzene	8.606	78	155389	21.760	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	23097	21.512	ug/l	98
42) 1,2-Dichloroethane	8.671	62	53802	22.496	ug/l	96
43) Isopropyl Acetate	8.694	43	75529	22.406	ug/l	97
44) Trichloroethene	9.353	130	44183	22.612	ug/l	87
45) 1,2-Dichloropropane	9.624	63	36847	21.653	ug/l	90
46) Dibromomethane	9.712	93	29099	22.607	ug/l #	87
47) Bromodichloromethane	9.888	83	56449	22.647	ug/l #	99
48) Methyl methacrylate	9.688	41	34659	22.236	ug/l	96
49) 1,4-Dioxane	9.700	88	18974	428.693	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	231679	107.908	ug/l	98
52) Toluene	10.635	92	104309	22.668	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	56948	22.758	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	61124	22.490	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	41659	22.227	ug/l	99
56) Ethyl methacrylate	10.877	69	59465	23.494	ug/l	98
57) 1,3-Dichloropropane	11.165	76	68507	22.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	86534	94.795	ug/l	97
59) 2-Hexanone	11.200	43	177530	110.117	ug/l	98
60) Dibromochloromethane	11.365	129	47312	24.593	ug/l	100
61) 1,2-Dibromoethane	11.471	107	44419	22.834	ug/l	100
64) Tetrachloroethene	11.106	164	38957	20.397	ug/l	91
65) Chlorobenzene	11.894	112	118506	22.944	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	43960	22.804	ug/l	97
67) Ethyl Benzene	11.965	91	199789	22.673	ug/l	96
68) m/p-Xylenes	12.076	106	164865	46.072	ug/l	98
69) o-Xylene	12.400	106	82490	23.201	ug/l	93
70) Styrene	12.412	104	133374	23.780	ug/l	98
71) Bromoform	12.576	173	34749	23.684	ug/l #	100
73) Isopropylbenzene	12.700	105	207228	21.592	ug/l	98
74) N-amyl acetate	12.494	43	64864	21.984	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	63032	21.542	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	74045	29.812	ug/l	82
77) Bromobenzene	12.982	156	52761	22.268	ug/l	83
78) n-propylbenzene	13.041	91	231024	21.570	ug/l	98
79) 2-Chlorotoluene	13.129	91	142191	22.034	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	180545	22.643	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	17397	20.725	ug/l	96
82) 4-Chlorotoluene	13.129	91	142191	22.034	ug/l	97
83) tert-Butylbenzene	13.441	119	156449	21.520	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	184475	23.065	ug/l	99
85) sec-Butylbenzene	13.623	105	218457	22.146	ug/l	98
86) p-Isopropyltoluene	13.735	119	190451	22.948	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	100295	22.341	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	101480	22.253	ug/l	98
89) n-Butylbenzene	14.059	91	148179	21.139	ug/l	98
90) Hexachloroethane	14.335	117	30745	21.474	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	99298	22.692	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11743	21.187	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	52741	23.519	ug/l	96
94) Hexachlorobutadiene	15.506	225	27461	23.510	ug/l	97
95) Naphthalene	15.647	128	151277	21.443	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	49844	22.615	ug/l	98

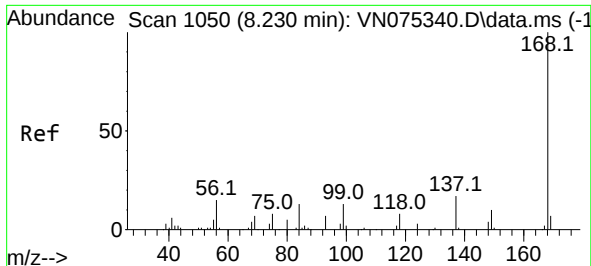
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QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

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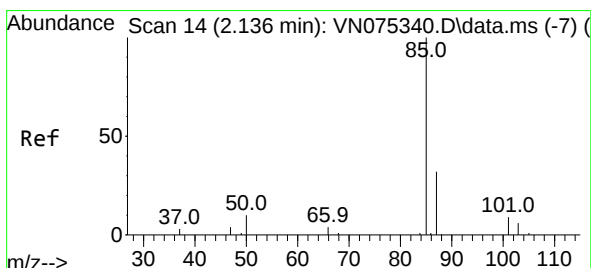
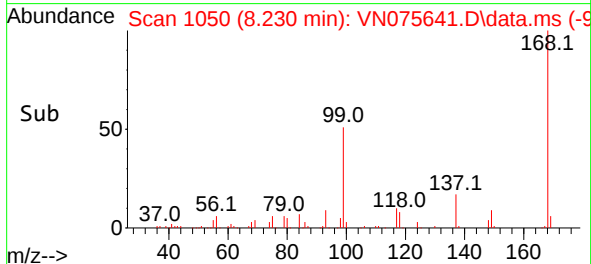
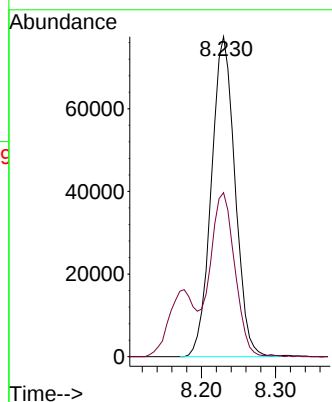
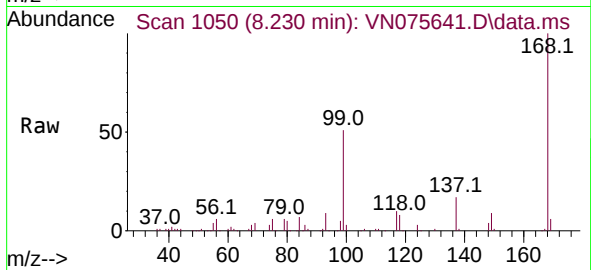
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
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Acq: 08 Dec 2022 12:32

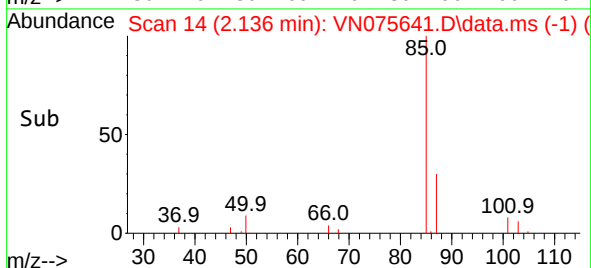
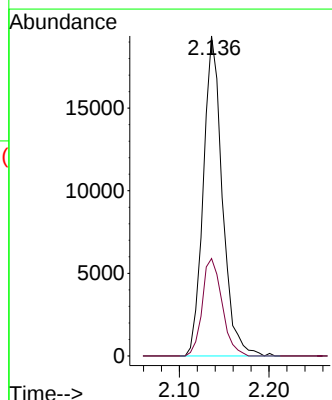
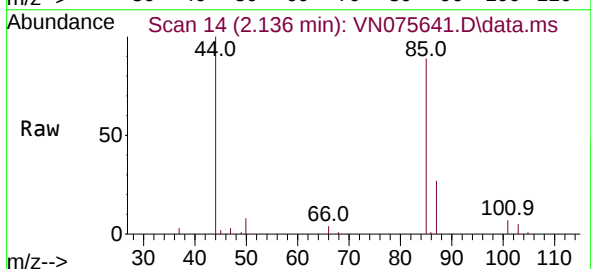
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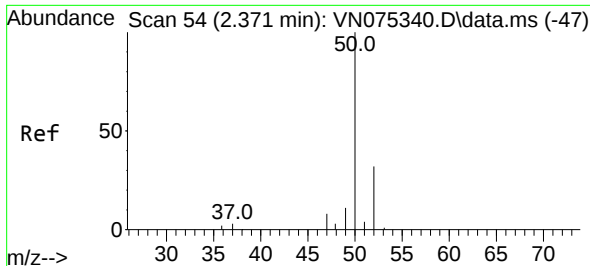
Tgt Ion:168 Resp: 171714
Ion Ratio Lower Upper
168 100
99 51.0 51.6 77.4#



#2
Dichlorodifluoromethane
Concen: 21.748 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 85 Resp: 28556
Ion Ratio Lower Upper
85 100
87 30.5 16.7 50.0

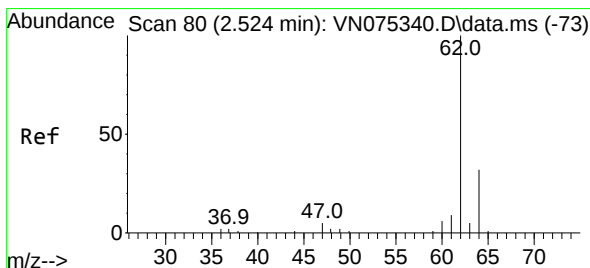
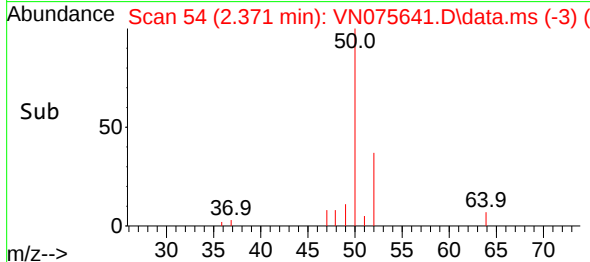
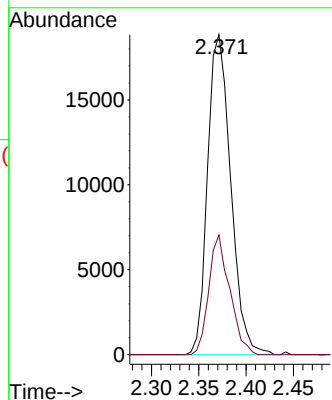
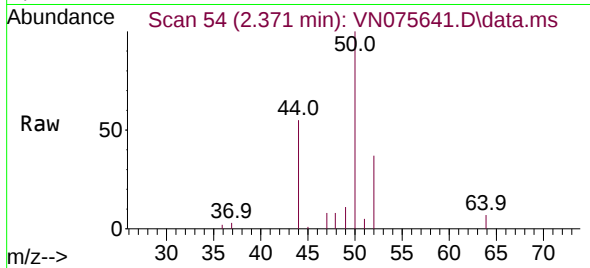




#3
Chloromethane
Concen: 19.610 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

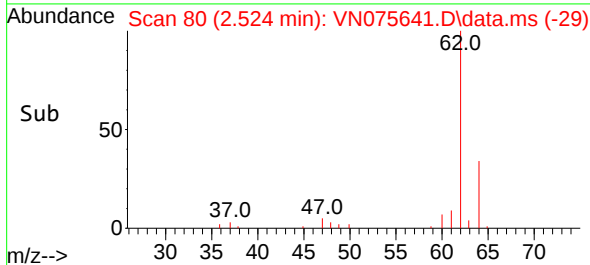
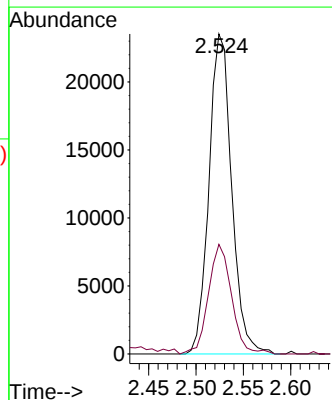
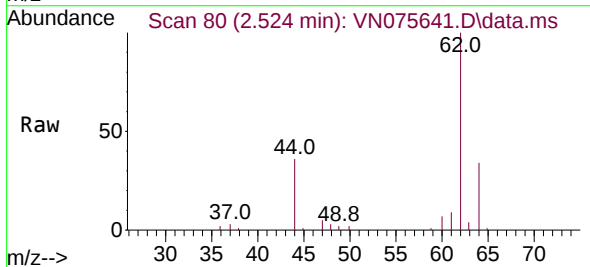
Instrument :
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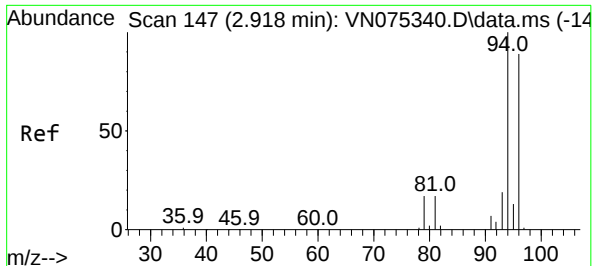
Tgt Ion: 50 Resp: 32039
Ion Ratio Lower Upper
50 100
52 37.4 25.8 38.6



#4
Vinyl Chloride
Concen: 19.036 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 62 Resp: 39197
Ion Ratio Lower Upper
62 100
64 34.2 24.0 36.0

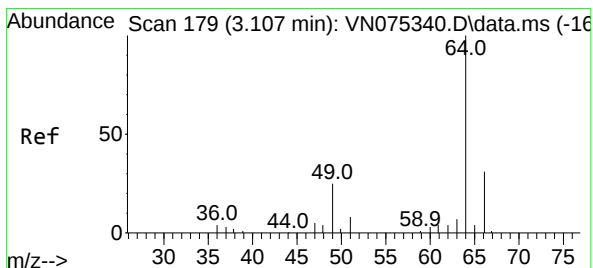
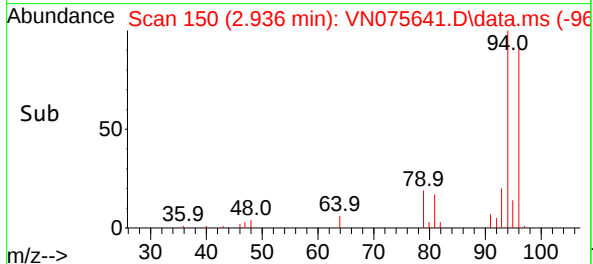
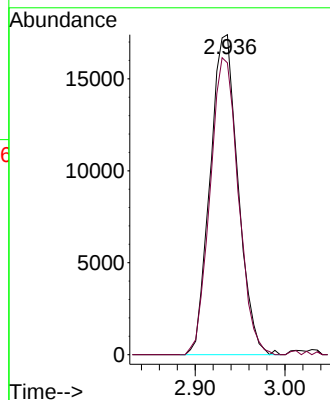
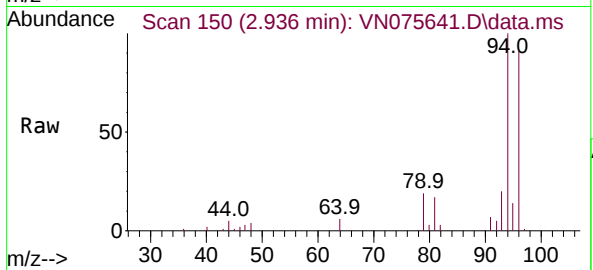




#5
Bromomethane
Concen: 20.802 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

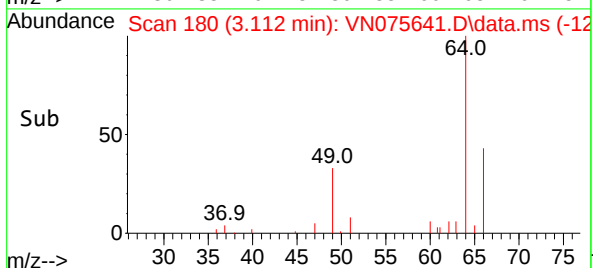
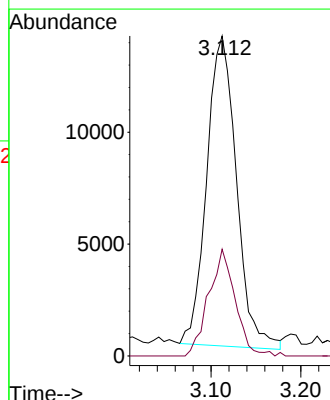
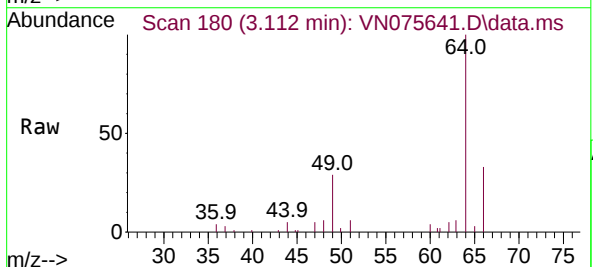
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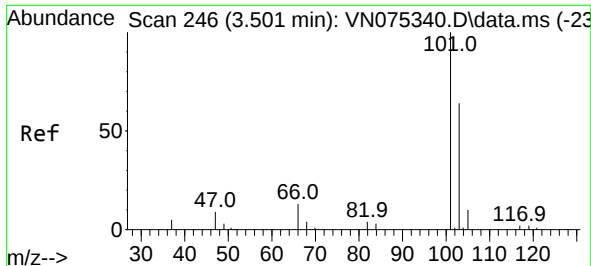
Tgt Ion: 94 Resp: 37665
Ion Ratio Lower Upper
94 100
96 91.2 71.8 107.6



#6
Chloroethane
Concen: 20.449 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 64 Resp: 31904
Ion Ratio Lower Upper
64 100
66 34.7 23.8 35.8

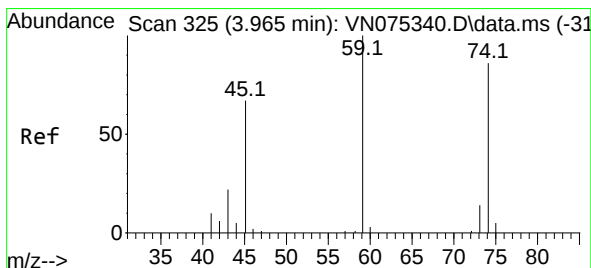
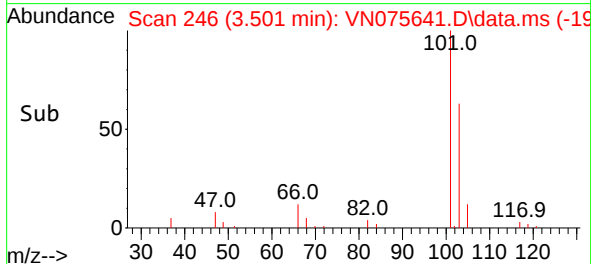
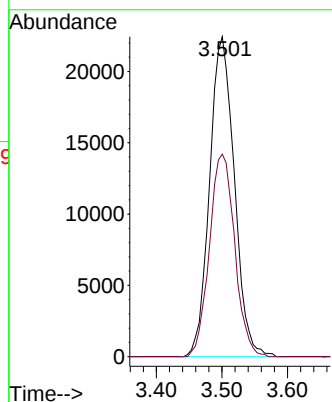
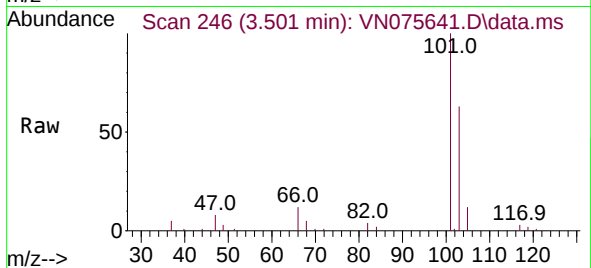




#7
 Trichlorofluoromethane
 Concen: 19.981 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. -0.000 min
 Lab File: VN075641.D
 Acq: 08 Dec 2022 12:32

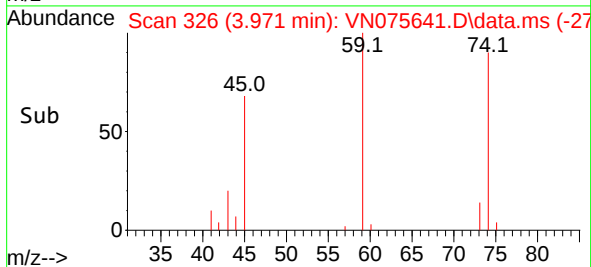
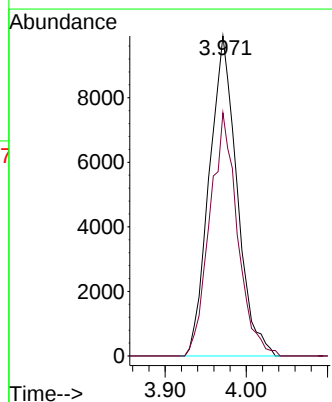
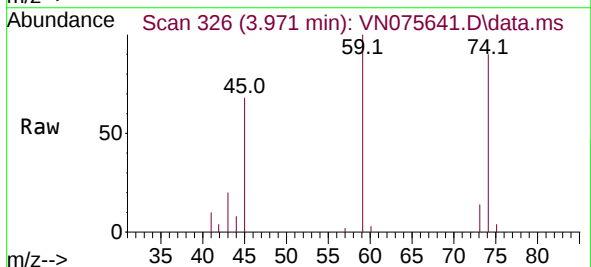
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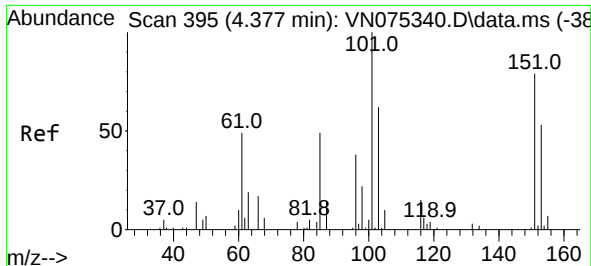
Tgt Ion:101 Resp: 58775
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.5 75.7



#8
 Diethyl Ether
 Concen: 22.850 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
 Lab File: VN075641.D
 Acq: 08 Dec 2022 12:32

Tgt Ion: 74 Resp: 23558
 Ion Ratio Lower Upper
 74 100
 45 75.8 39.3 117.9

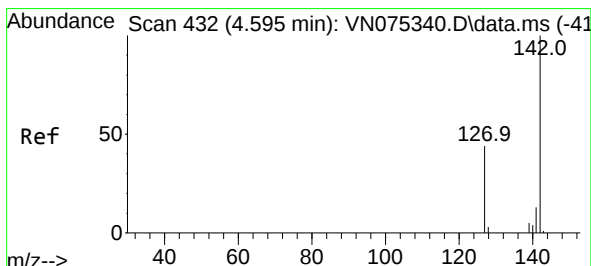
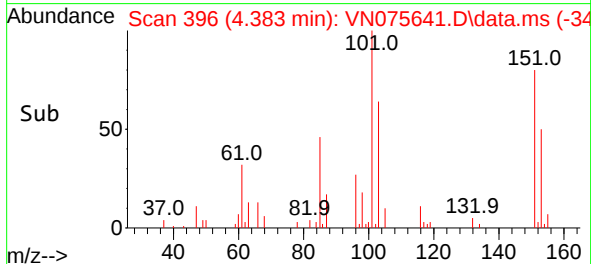
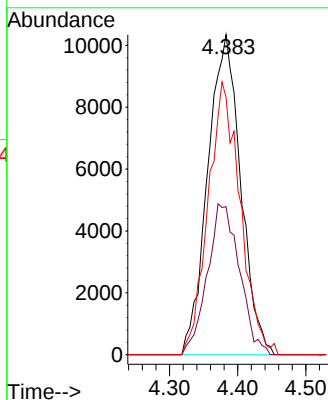
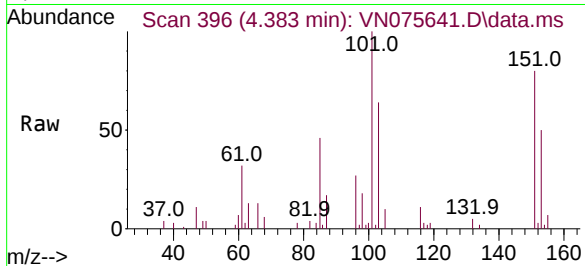




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.406 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075641.D
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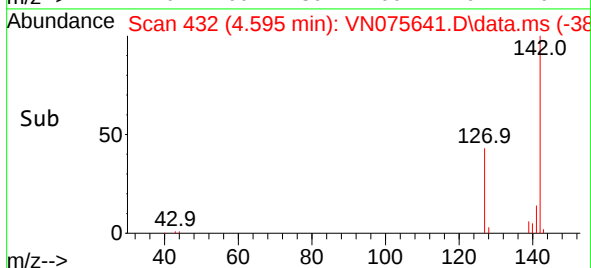
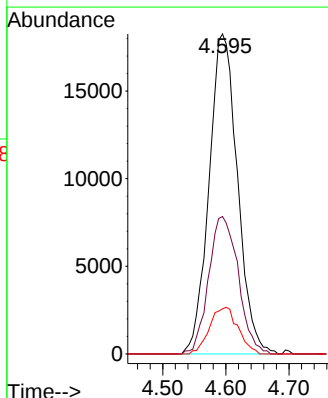
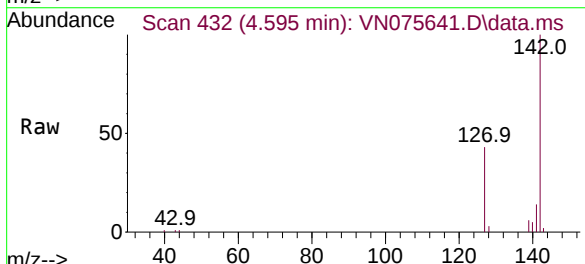
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion:101 Resp: 34761
Ion Ratio Lower Upper
101 100
85 46.0 37.6 56.4
151 83.1 58.3 87.5



#10
Methyl Iodide
Concen: 21.718 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion:142 Resp: 57148
Ion Ratio Lower Upper
142 100
127 44.7 38.0 57.0
141 14.6 12.2 18.4

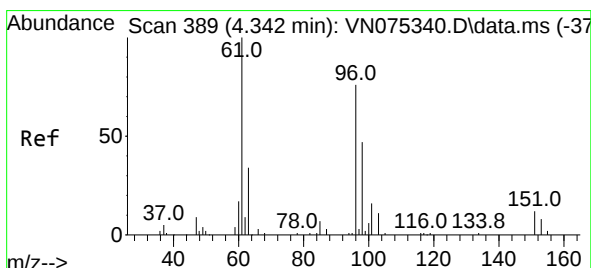
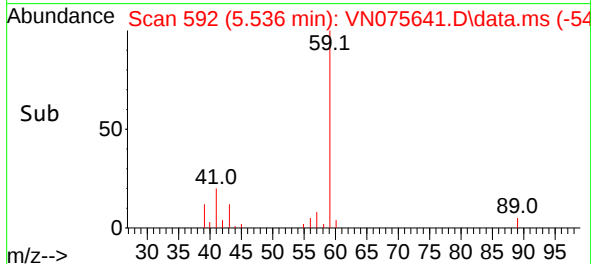
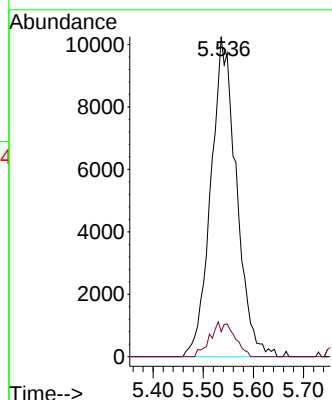
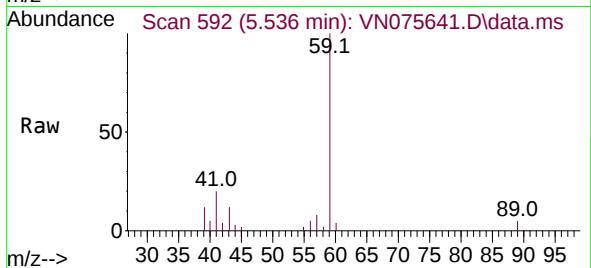




#11
Tert butyl alcohol
Concen: 93.912 ug/l
RT: 5.536 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

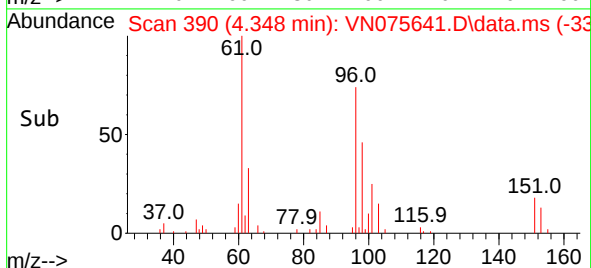
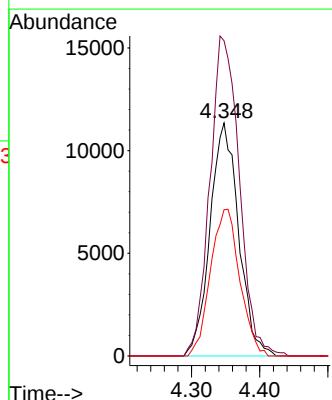
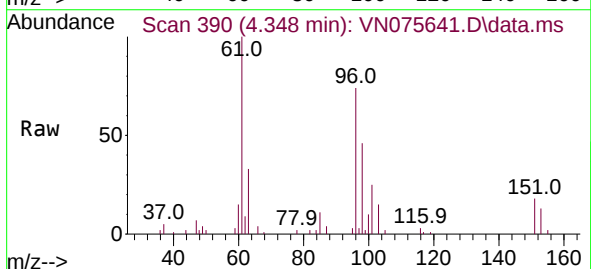
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

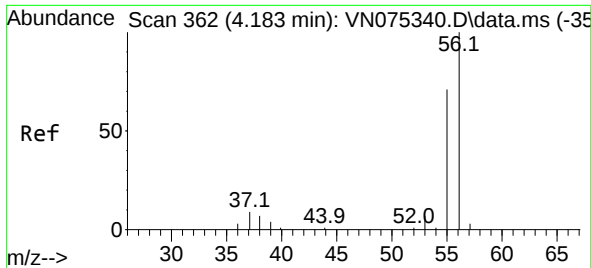
Tgt Ion: 59 Resp: 36338
Ion Ratio Lower Upper
59 100
57 5.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 20.834 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 96 Resp: 33130
Ion Ratio Lower Upper
96 100
61 135.3 126.2 189.4
98 62.8 51.5 77.3

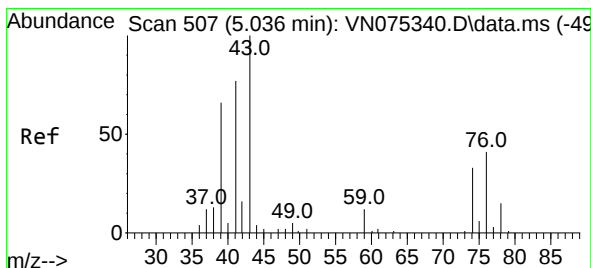
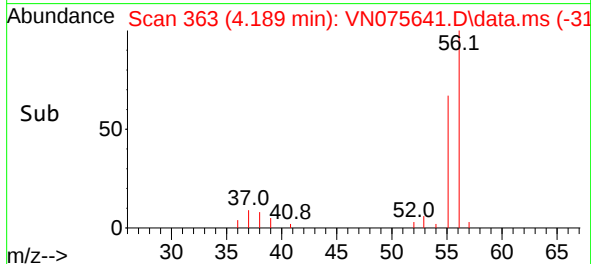
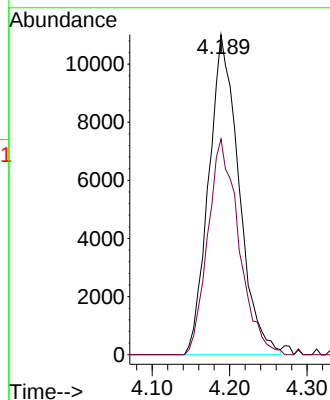
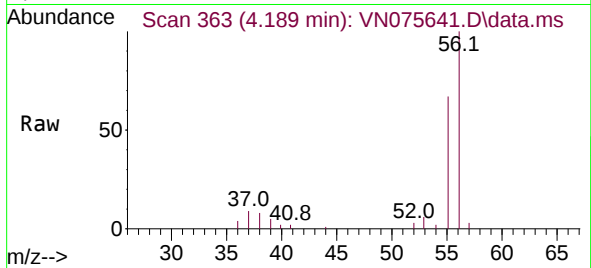




#13
Acrolein
Concen: 88.358 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

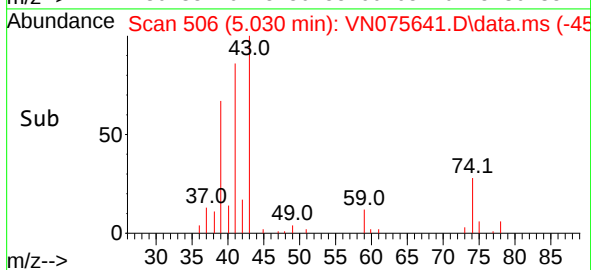
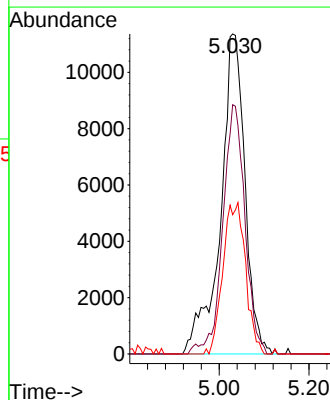
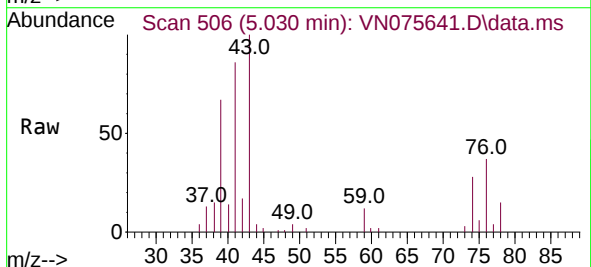
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

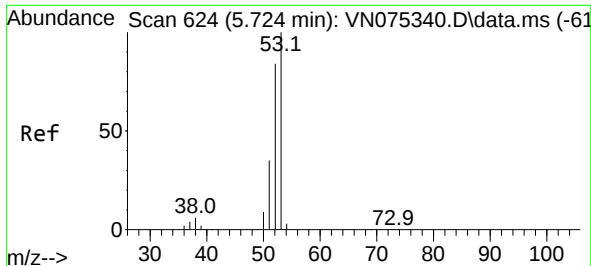
Tgt Ion: 56 Resp: 29784
Ion Ratio Lower Upper
56 100
55 69.3 55.2 82.8



#14
Allyl chloride
Concen: 20.970 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 41 Resp: 43132
Ion Ratio Lower Upper
41 100
39 69.5 61.0 91.4
76 43.7 33.4 50.0

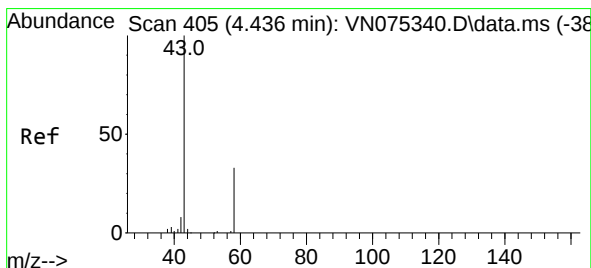
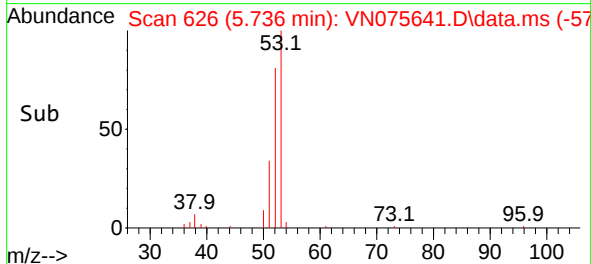
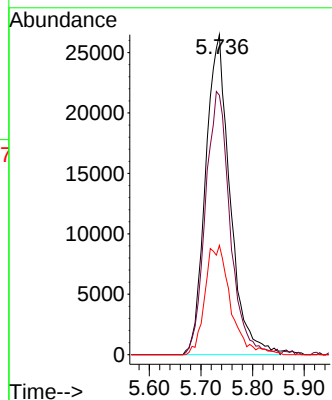
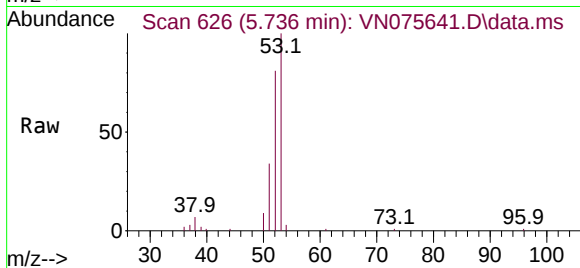




#15
Acrylonitrile
Concen: 98.147 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

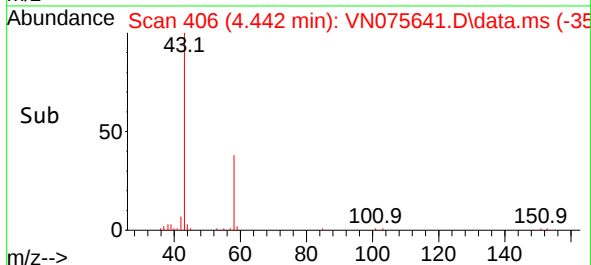
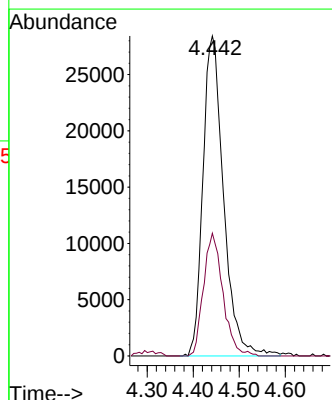
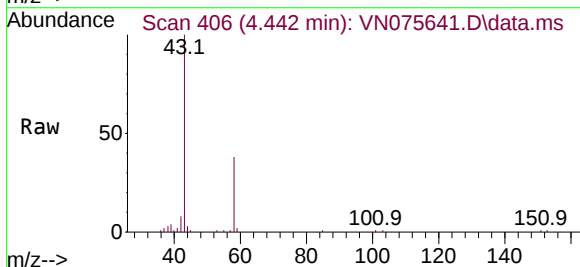
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

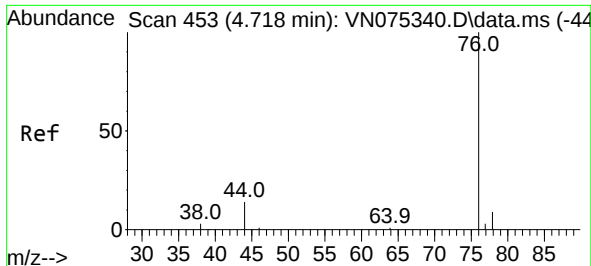
Tgt Ion: 53 Resp: 87128
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 35.8 29.6 44.4



#16
Acetone
Concen: 103.186 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 43 Resp: 88715
Ion Ratio Lower Upper
43 100
58 38.4 25.5 38.3#

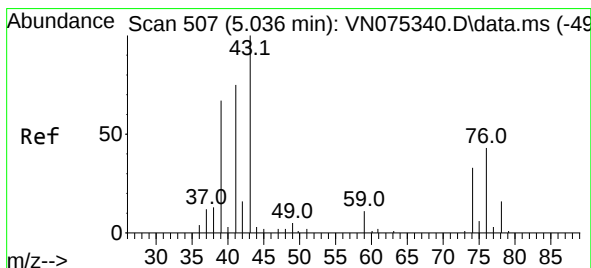
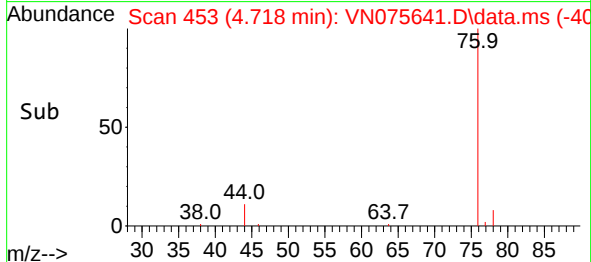
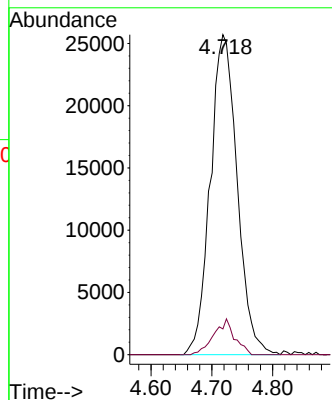
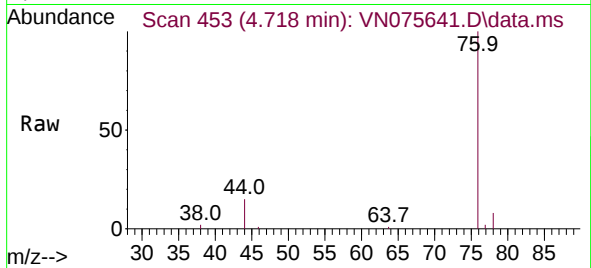




#17
Carbon Disulfide
Concen: 19.099 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

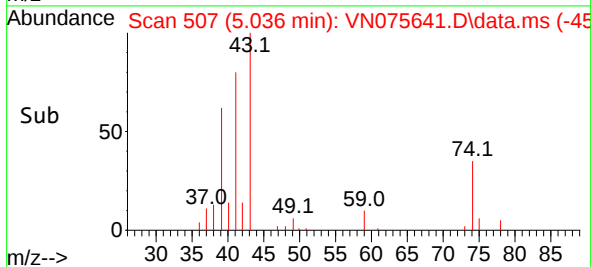
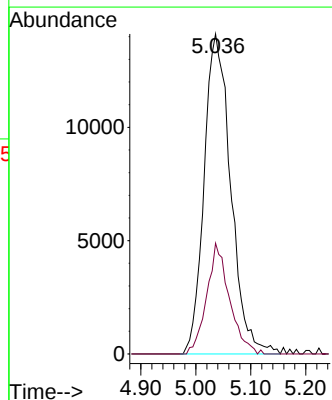
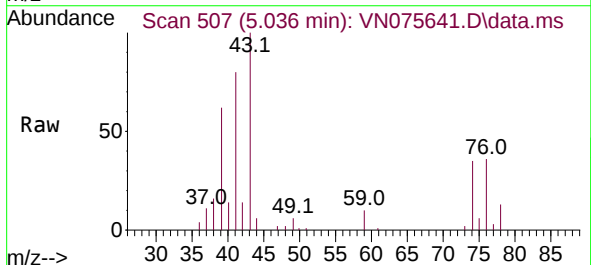
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

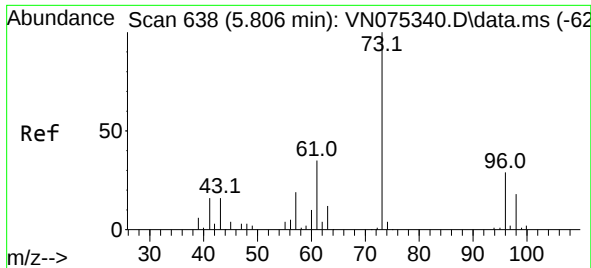
Tgt Ion: 76 Resp: 78928
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2



#18
Methyl Acetate
Concen: 21.169 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 43 Resp: 47501
Ion Ratio Lower Upper
43 100
74 29.5 22.0 33.0

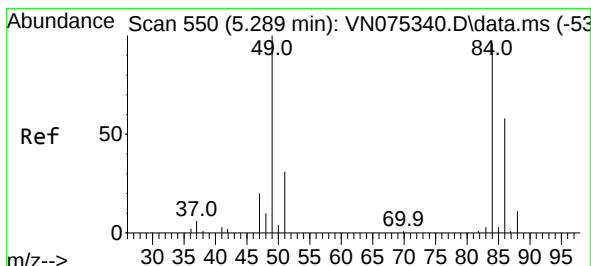
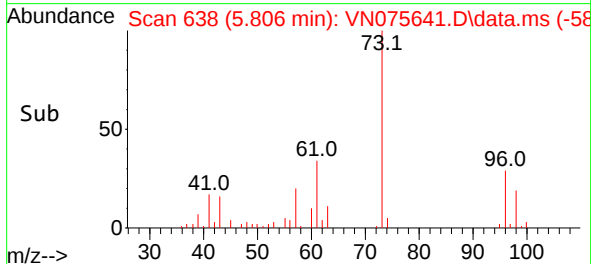
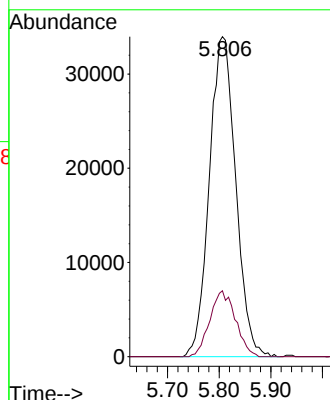
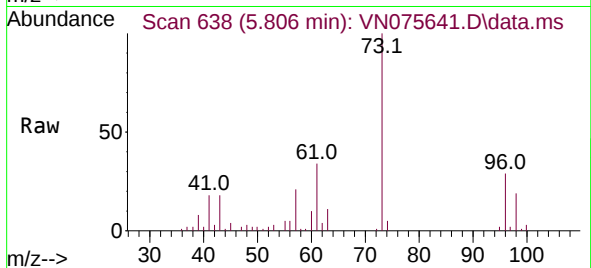




#19
Methyl tert-butyl Ether
Concen: 21.376 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

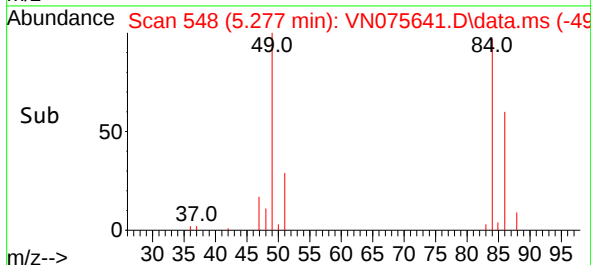
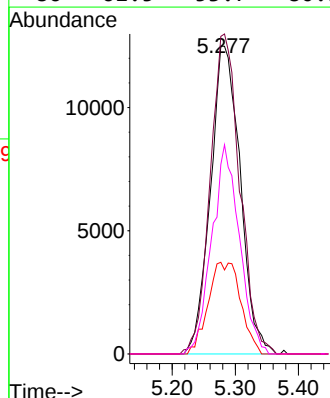
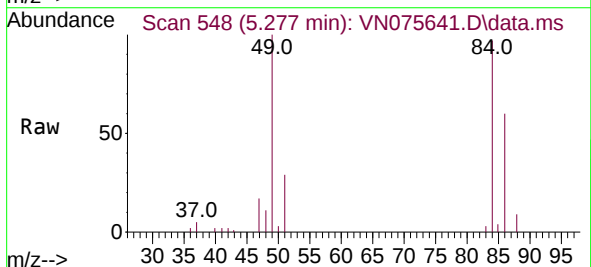
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion: 73 Resp: 120412
Ion Ratio Lower Upper
73 100
57 20.6 16.3 24.5



#20
Methylene Chloride
Concen: 22.826 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 84 Resp: 41008
Ion Ratio Lower Upper
84 100
49 103.1 94.9 142.3
51 29.8 26.8 40.2
86 61.5 53.7 80.5

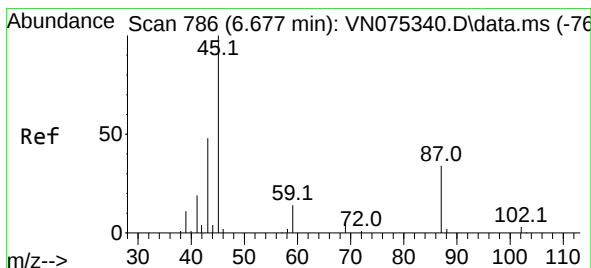
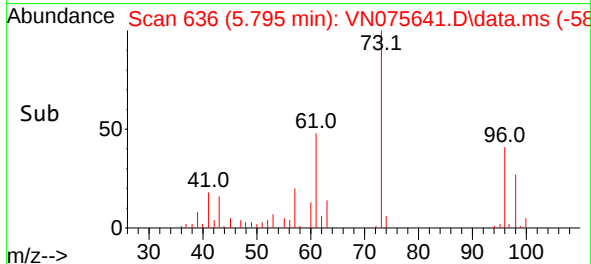
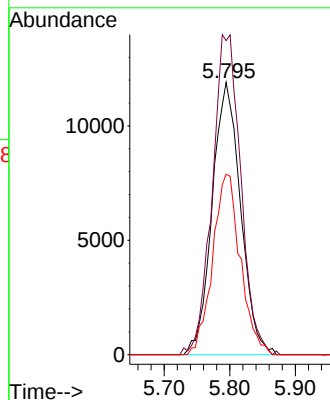
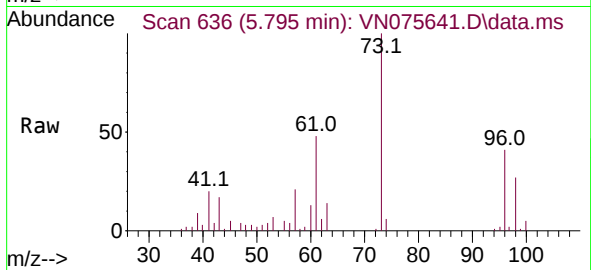




#21
trans-1,2-Dichloroethene
Concen: 19.737 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

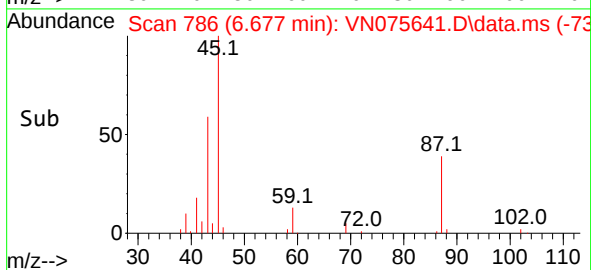
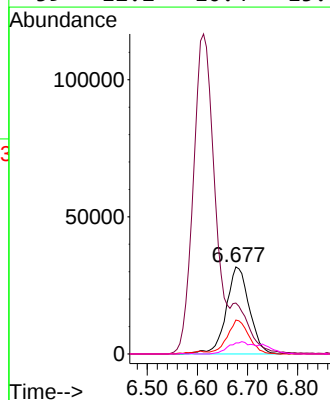
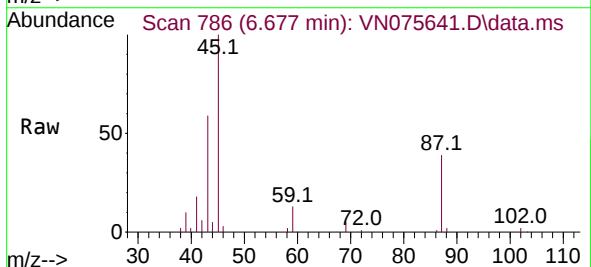
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

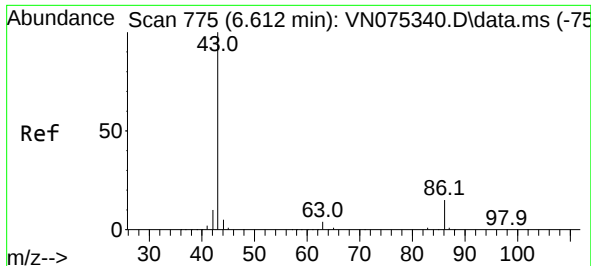
Tgt Ion: 96 Resp: 35767
Ion Ratio Lower Upper
96 100
61 115.4 99.9 149.9
98 66.2 51.5 77.3



#22
Diisopropyl ether
Concen: 21.552 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 45 Resp: 101160
Ion Ratio Lower Upper
45 100
43 56.7 42.8 64.2
87 39.1 28.4 42.6
59 12.2 10.4 15.6

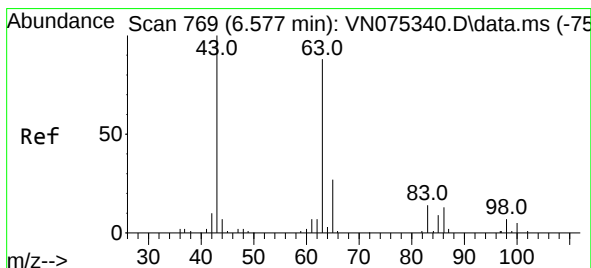
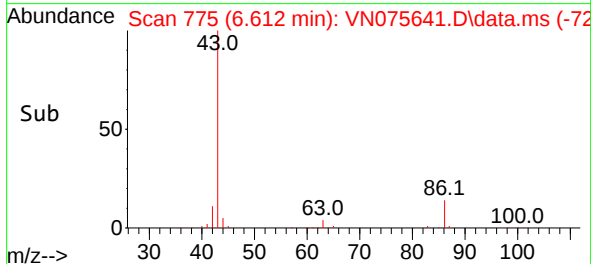
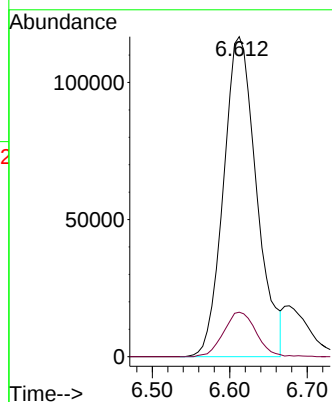
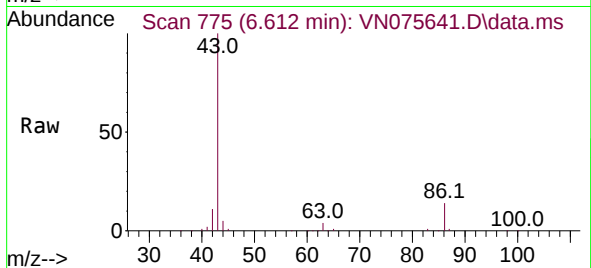




#23
 Vinyl Acetate
 Concen: 93.023 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075641.D
 Acq: 08 Dec 2022 12:32

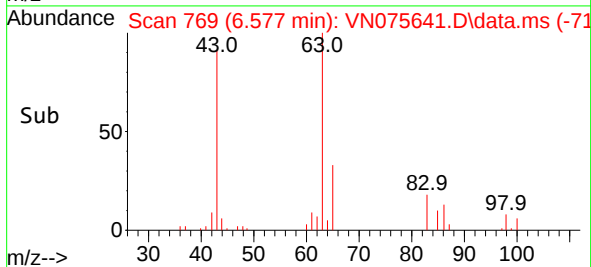
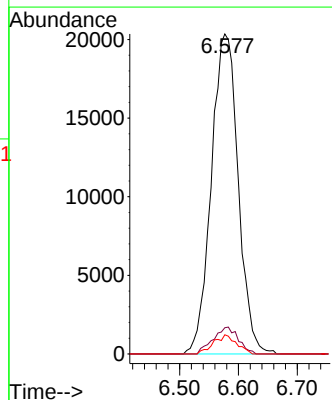
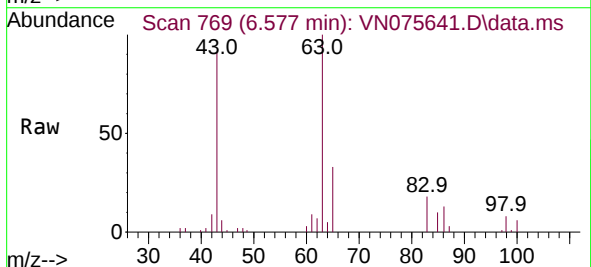
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

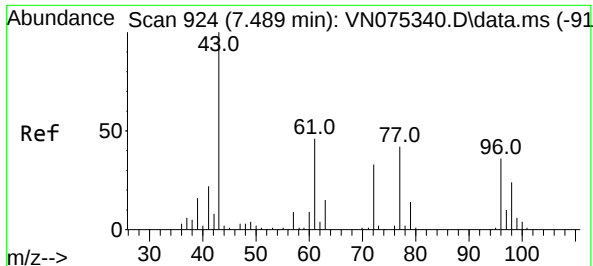
Tgt Ion: 43 Resp: 347370
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 21.453 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075641.D
 Acq: 08 Dec 2022 12:32

Tgt Ion: 63 Resp: 64634
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 6.0 2.4 7.2





#25

2-Butanone

Concen: 98.929 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

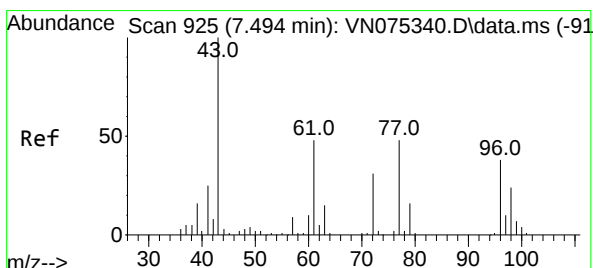
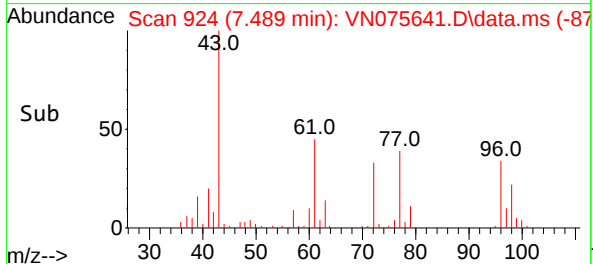
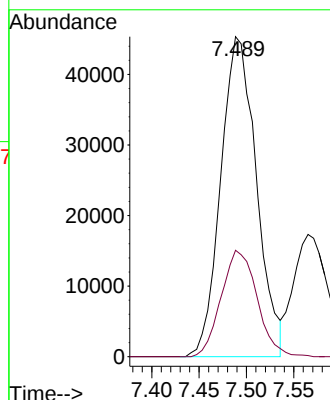
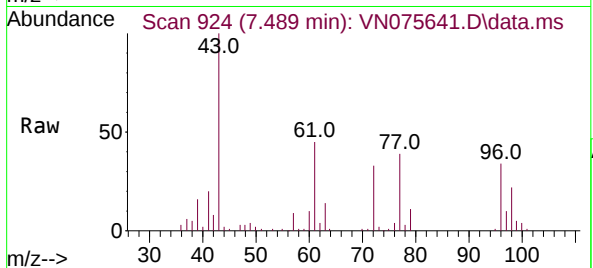
VN1208WBS02

Tgt Ion: 43 Resp: 118747

Ion Ratio Lower Upper

43 100

72 33.2 25.5 38.3



#26

2,2-Dichloropropane

Concen: 18.957 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075641.D

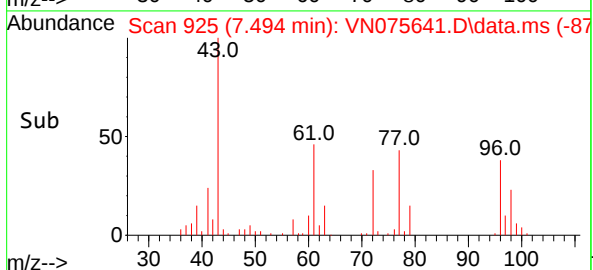
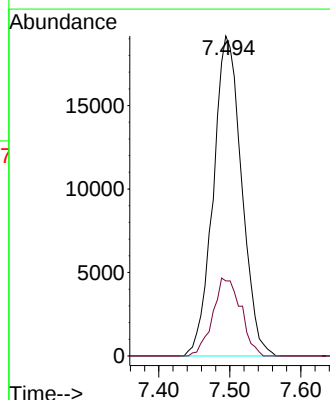
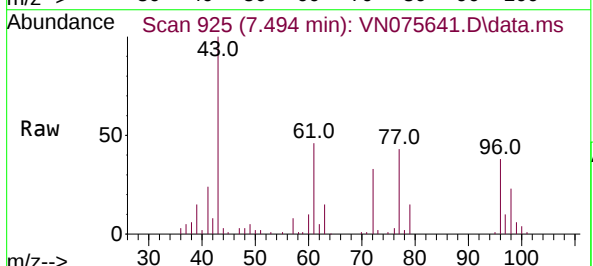
Acq: 08 Dec 2022 12:32

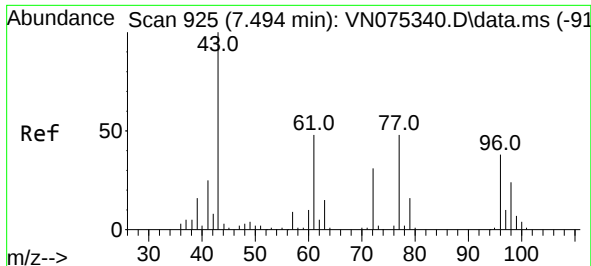
Tgt Ion: 77 Resp: 53082

Ion Ratio Lower Upper

77 100

97 24.1 11.2 33.6

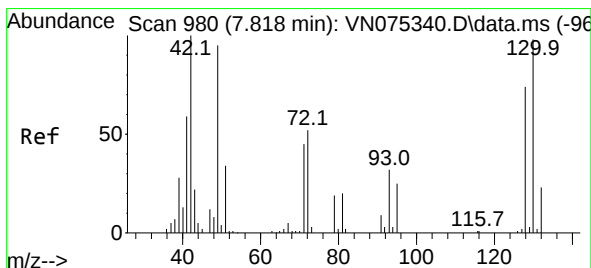
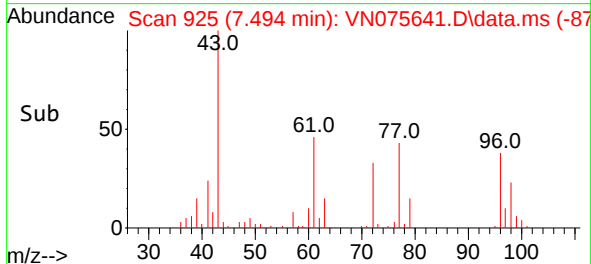
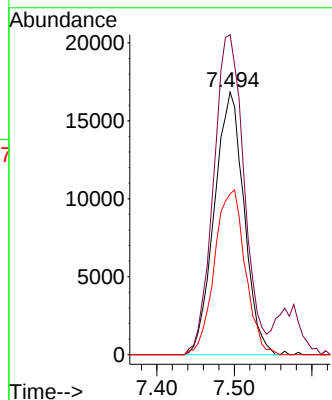
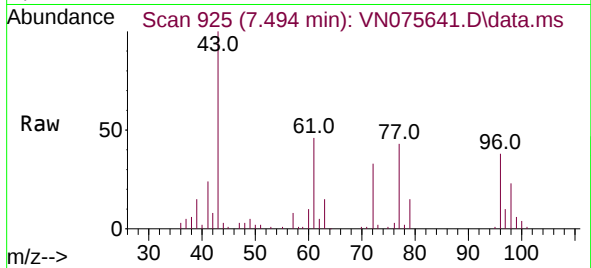




#27
 cis-1,2-Dichloroethene
 Concen: 21.876 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075641.D
 Acq: 08 Dec 2022 12:32

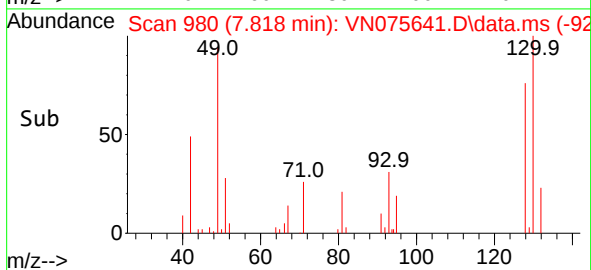
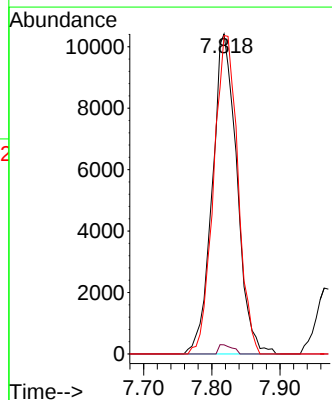
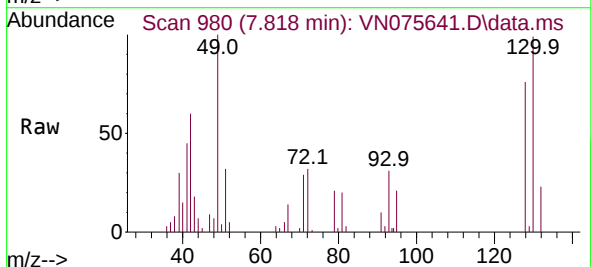
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tgt Ion: 96 Resp: 44827
 Ion Ratio Lower Upper
 96 100
 61 125.3 0.0 278.8
 98 64.8 0.0 128.4



#28
 Bromochloromethane
 Concen: 21.386 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075641.D
 Acq: 08 Dec 2022 12:32

Tgt Ion: 49 Resp: 26154
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 98.1 66.2 99.4





#29

Tetrahydrofuran

Concen: 97.739 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

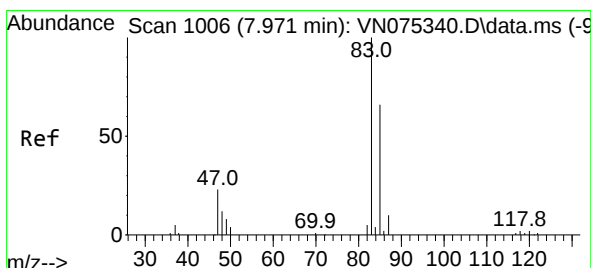
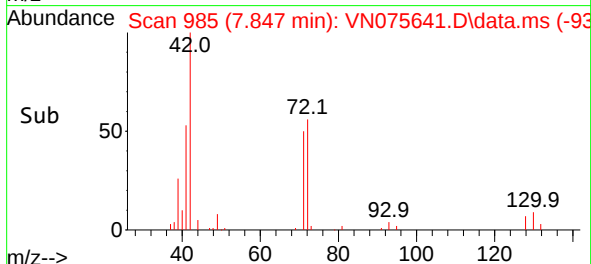
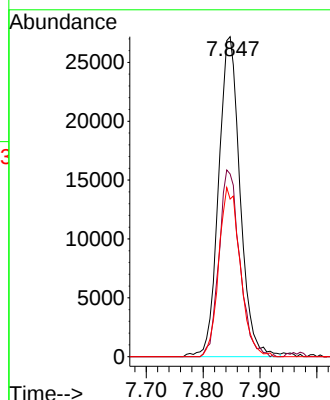
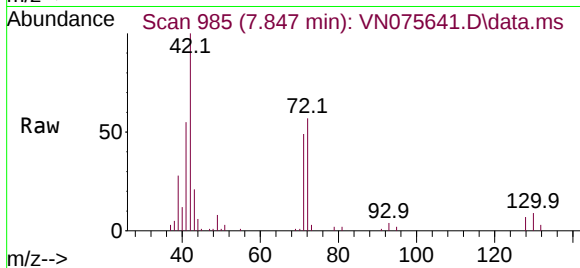
Tgt Ion: 42 Resp: 71361

Ion Ratio Lower Upper

42 100

72 56.4 43.0 64.6

71 52.6 39.9 59.9



#30

Chloroform

Concen: 20.917 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN075641.D

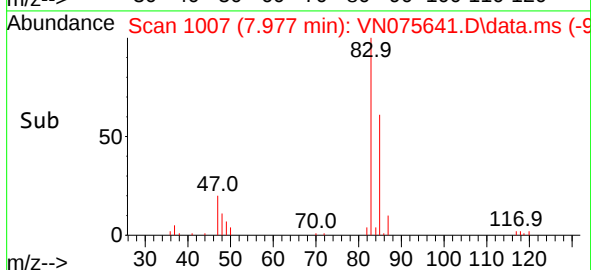
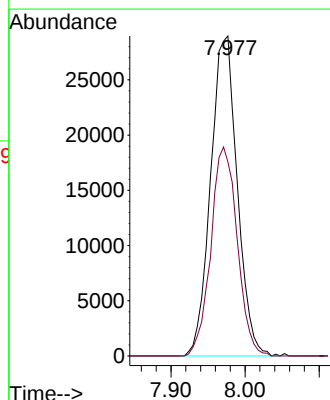
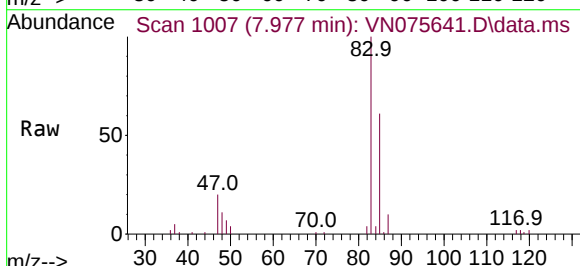
Acq: 08 Dec 2022 12:32

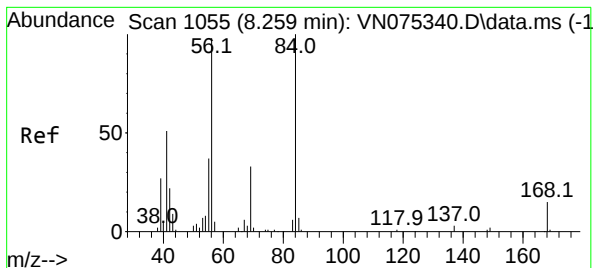
Tgt Ion: 83 Resp: 72371

Ion Ratio Lower Upper

83 100

85 60.7 51.4 77.0





#31

Cyclohexane

Concen: 18.475 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

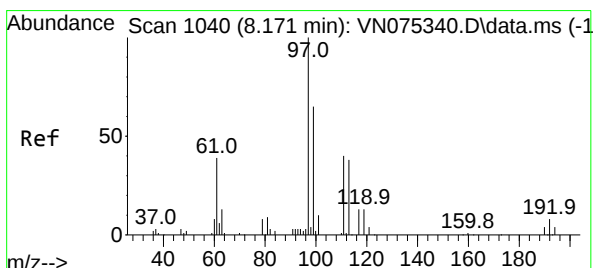
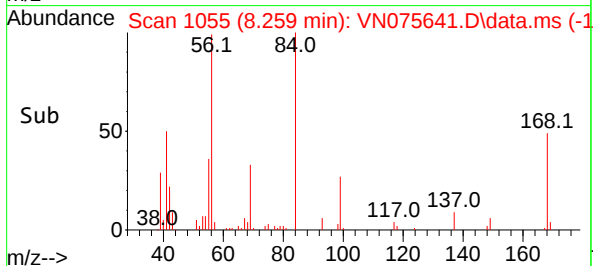
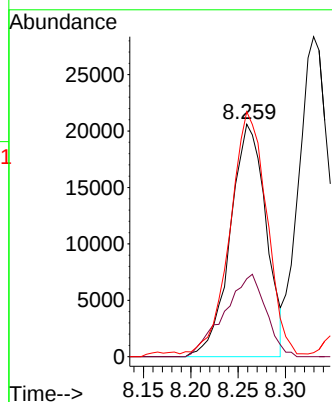
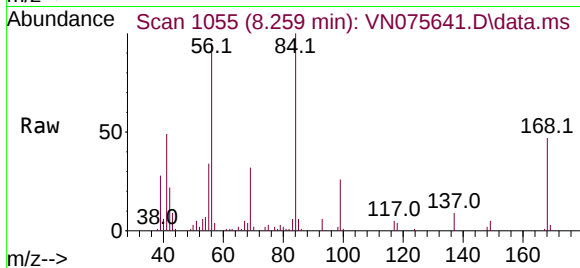
Tgt Ion: 56 Resp: 54103

Ion Ratio Lower Upper

56 100

69 33.5 25.2 37.8

84 104.1 77.8 116.8



#32

1,1,1-Trichloroethane

Concen: 20.238 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

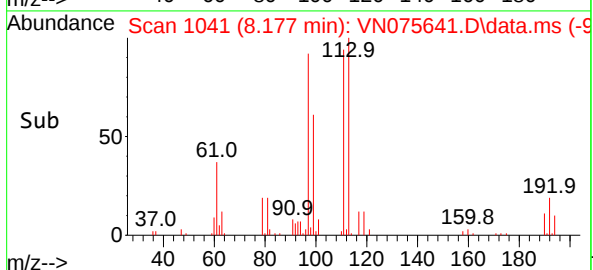
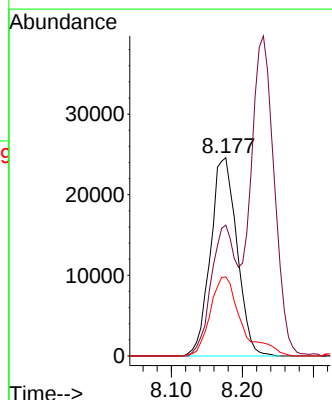
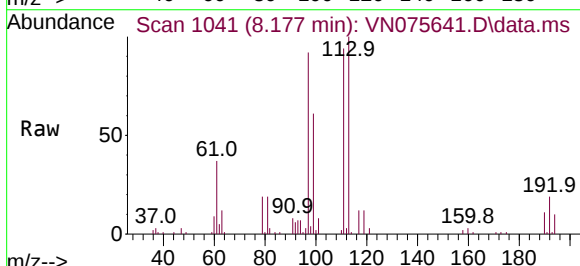
Tgt Ion: 97 Resp: 63578

Ion Ratio Lower Upper

97 100

99 61.3 50.2 75.2

61 46.7 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 53.961 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

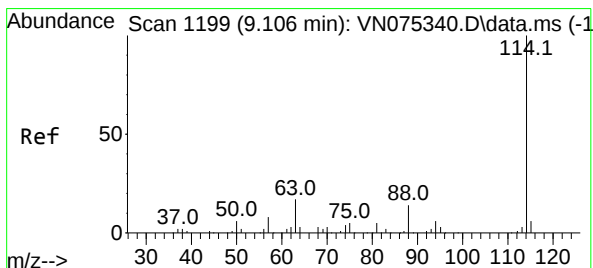
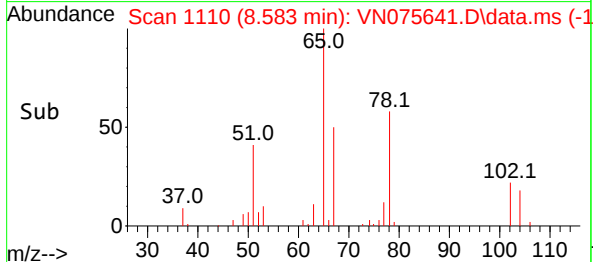
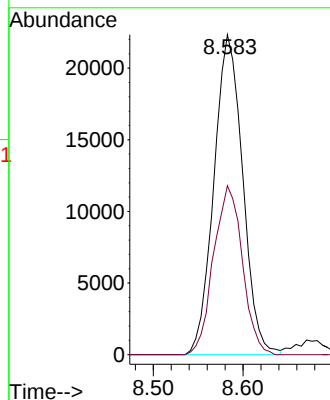
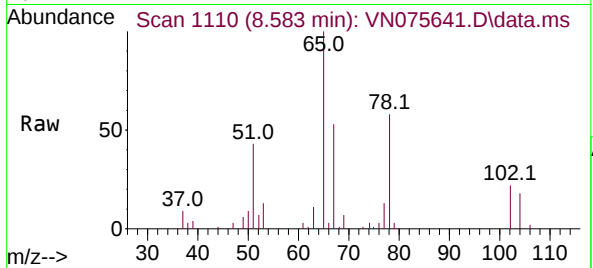
VN1208WBS02

Tgt Ion: 65 Resp: 49738

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

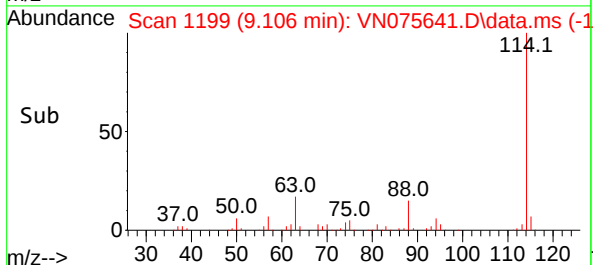
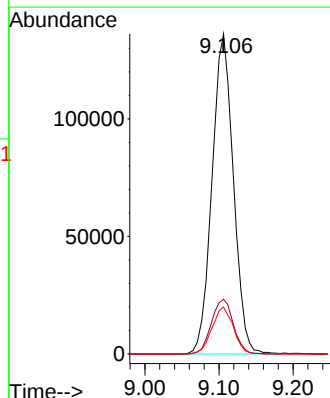
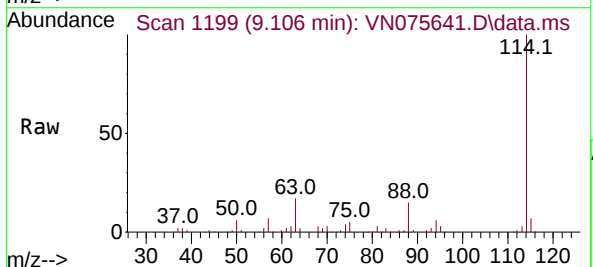
Tgt Ion: 114 Resp: 272254

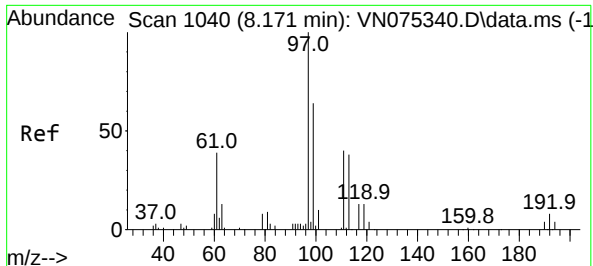
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 60.508 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

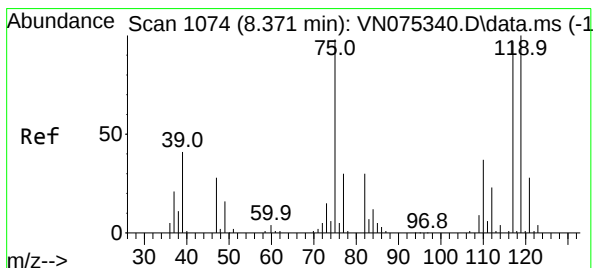
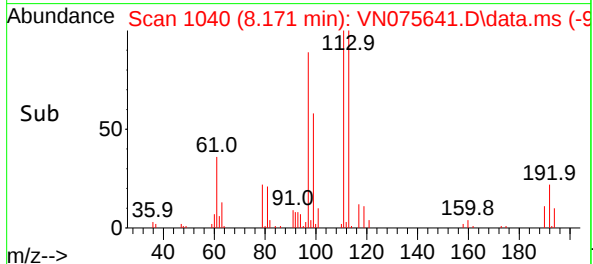
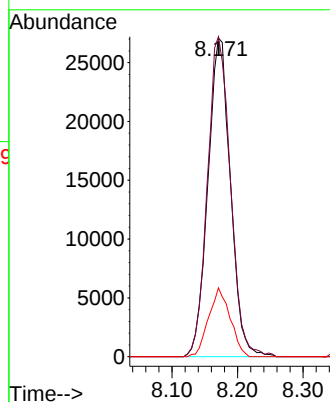
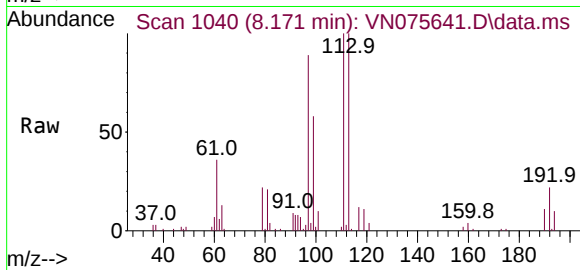
Tgt Ion:113 Resp: 64713

Ion Ratio Lower Upper

113 100

111 102.8 80.5 120.7

192 20.6 13.2 19.8#



#36

1,1-Dichloropropene

Concen: 21.015 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

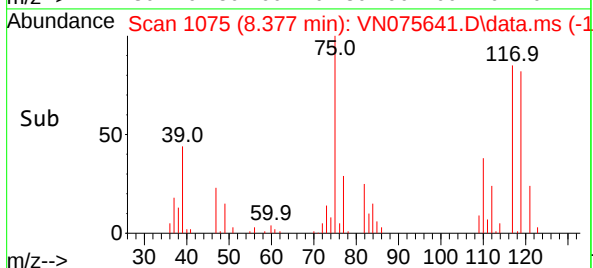
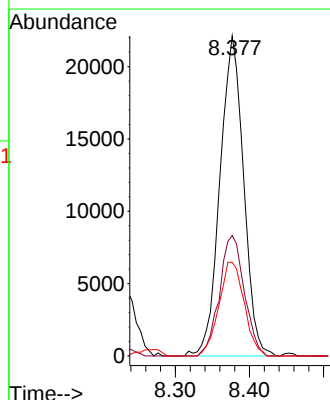
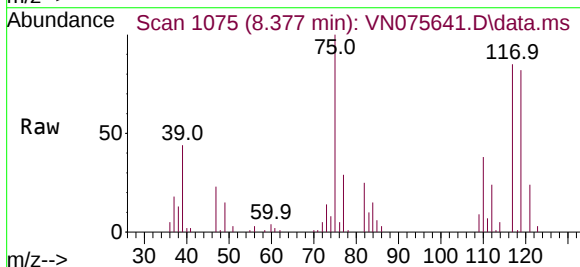
Tgt Ion: 75 Resp: 49015

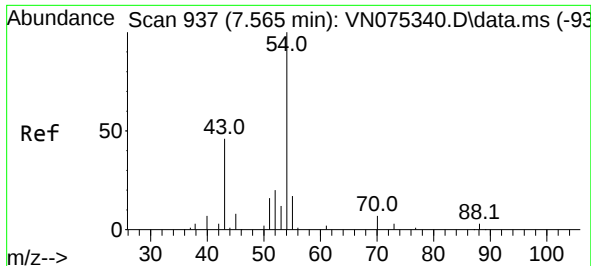
Ion Ratio Lower Upper

75 100

110 39.5 17.8 53.3

77 31.4 24.6 37.0

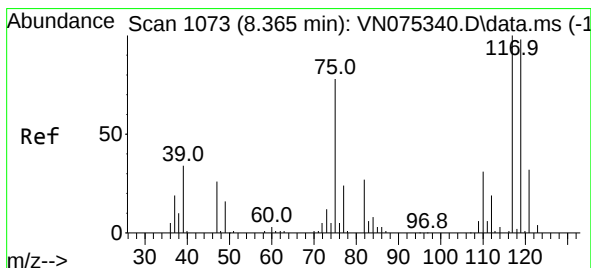
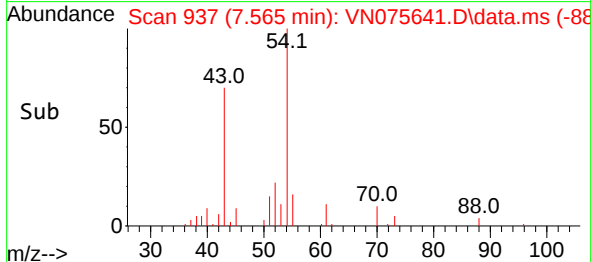
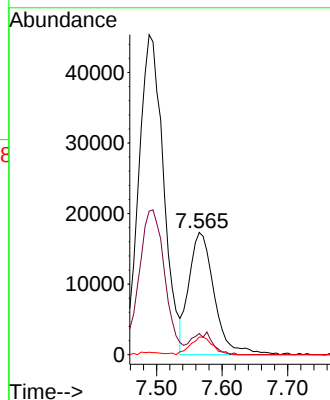
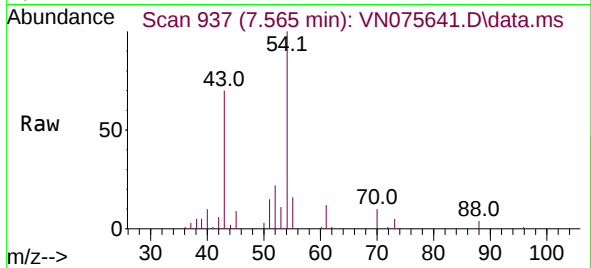




#37
Ethyl Acetate
Concen: 22.141 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

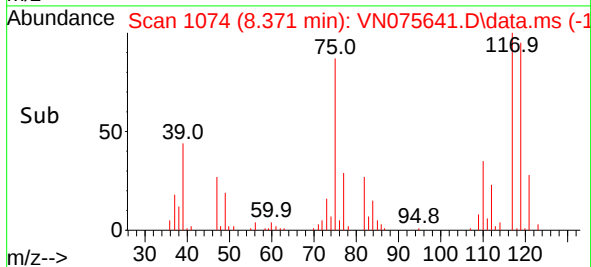
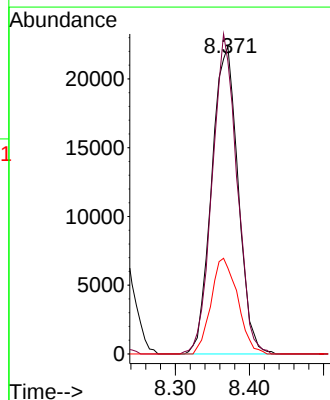
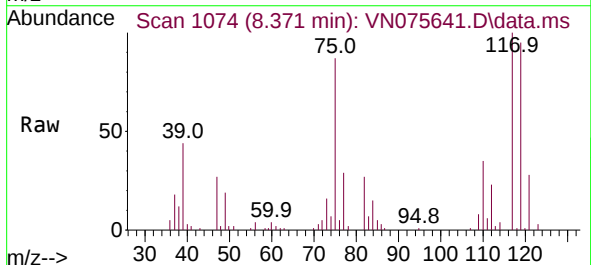
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

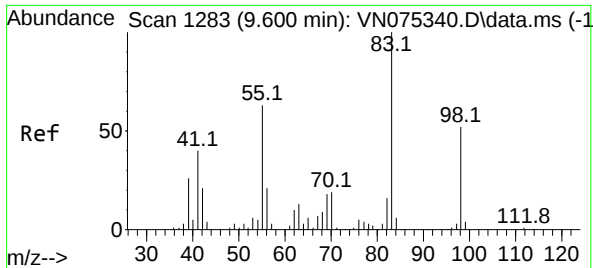
Tgt Ion: 43 Resp: 46499
Ion Ratio Lower Upper
43 100
61 15.3 12.2 18.4
70 12.7 9.4 14.2



#38
Carbon Tetrachloride
Concen: 21.606 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 117 Resp: 55357
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
121 27.9 23.9 35.9

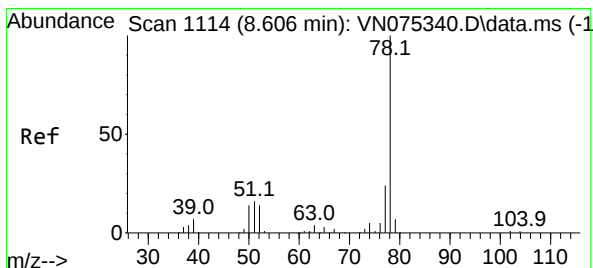
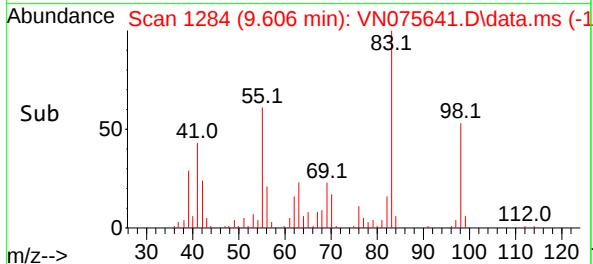
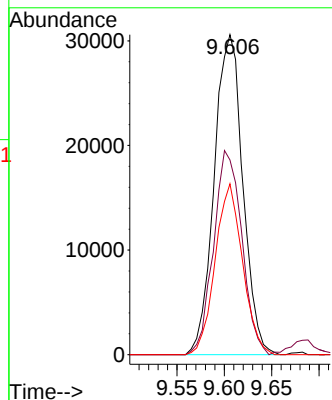
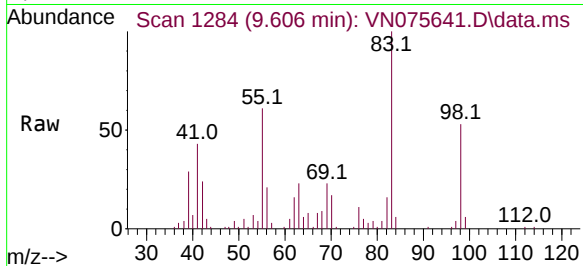




#39
Methylcyclohexane
Concen: 22.038 ug/l
RT: 9.606 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

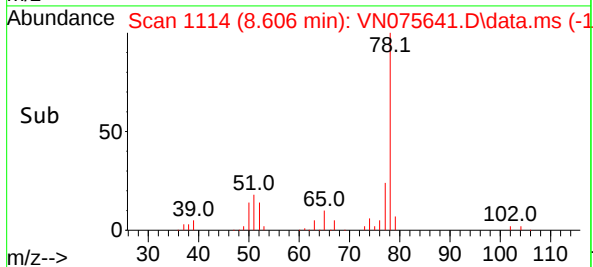
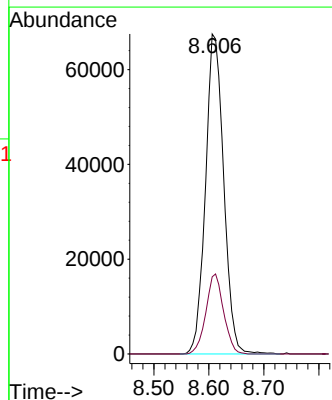
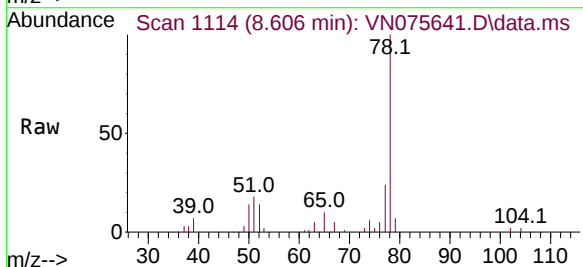
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

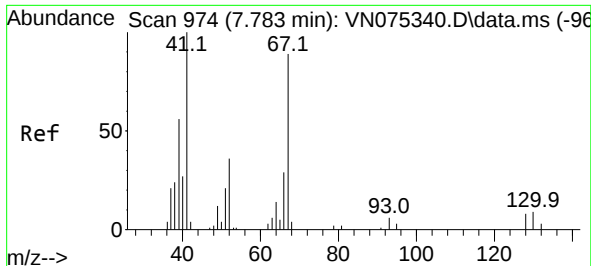
Tgt Ion: 83 Resp: 64330
Ion Ratio Lower Upper
83 100
55 60.8 53.6 80.4
98 53.4 41.1 61.7



#40
Benzene
Concen: 21.760 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 78 Resp: 155389
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

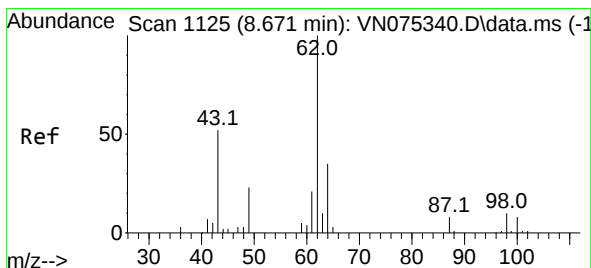
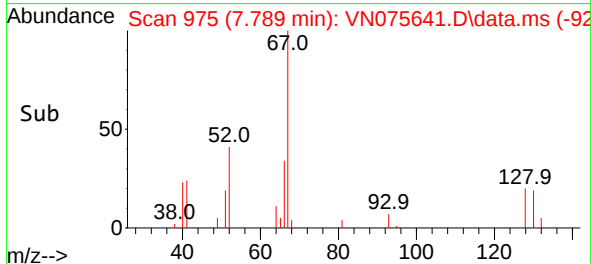
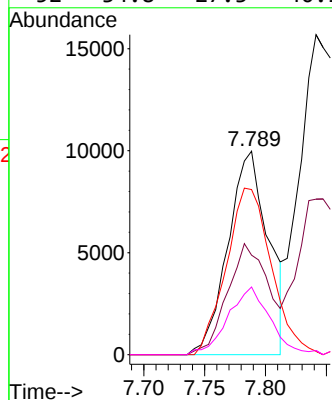
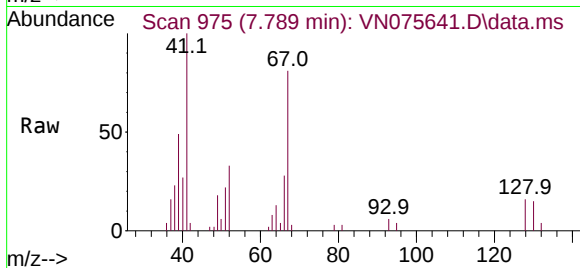




#41
Methacrylonitrile
Concen: 21.512 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

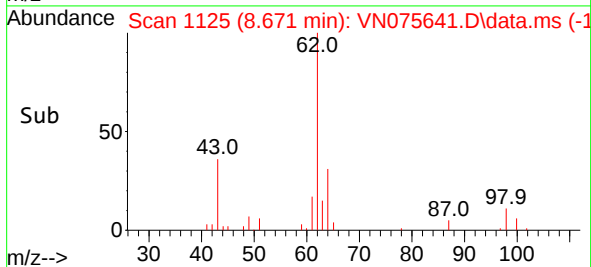
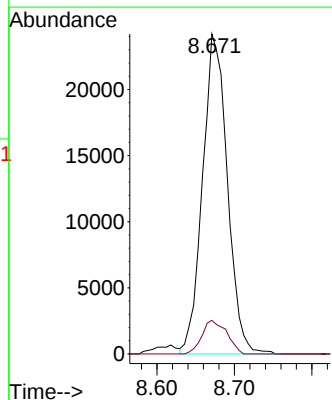
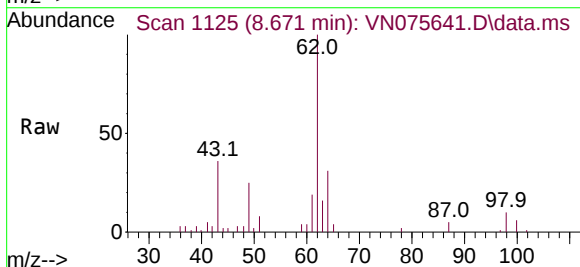
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

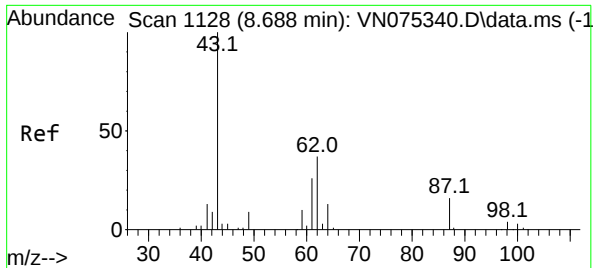
Tgt Ion: 41	Resp: 23097
Ion Ratio	Lower Upper
41 100	
39 55.6	44.4 66.6
67 91.0	69.8 104.6
52 34.8	27.3 40.9



#42
1,2-Dichloroethane
Concen: 22.496 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 62	Resp: 53802
Ion Ratio	Lower Upper
62 100	
98 10.5	0.0 18.2

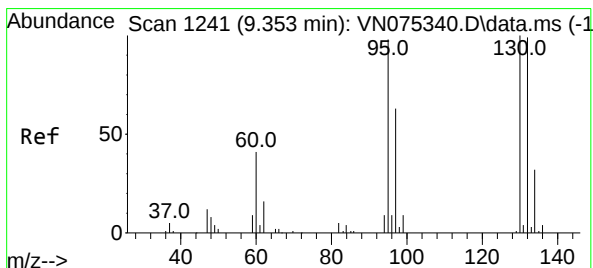
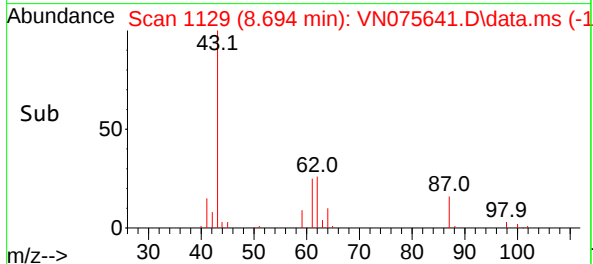
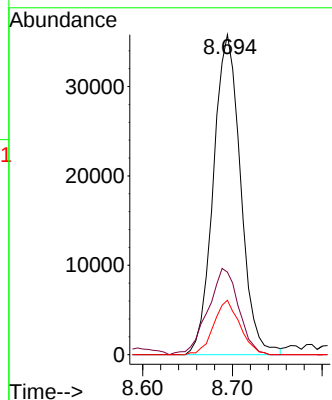
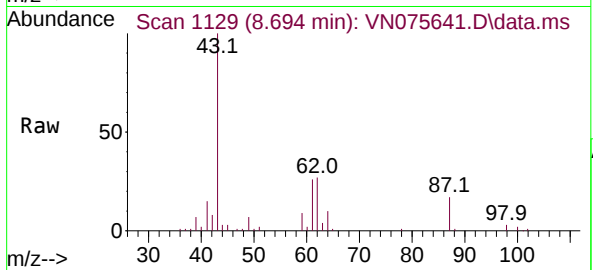




#43
Isopropyl Acetate
Concen: 22.406 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

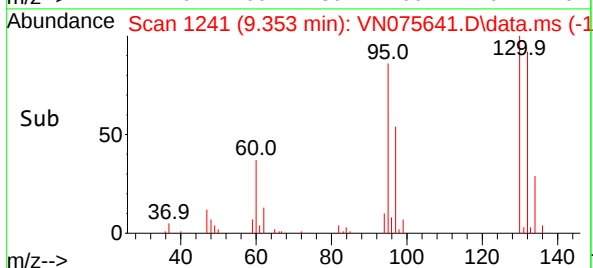
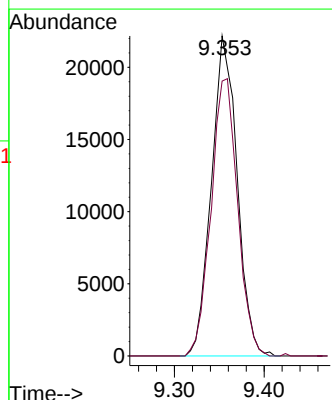
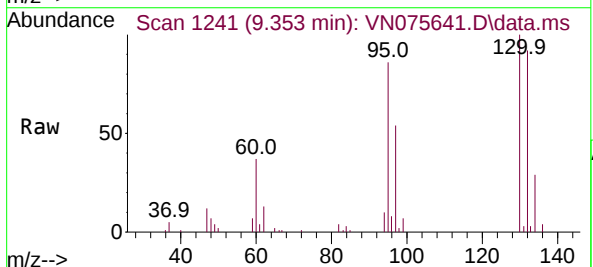
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

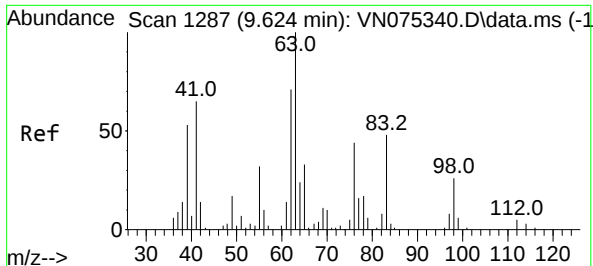
Tgt Ion: 43 Resp: 75529
Ion Ratio Lower Upper
43 100
61 30.2 22.4 33.6
87 16.4 12.5 18.7



#44
Trichloroethene
Concen: 22.612 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 130 Resp: 44183
Ion Ratio Lower Upper
130 100
95 85.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.653 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

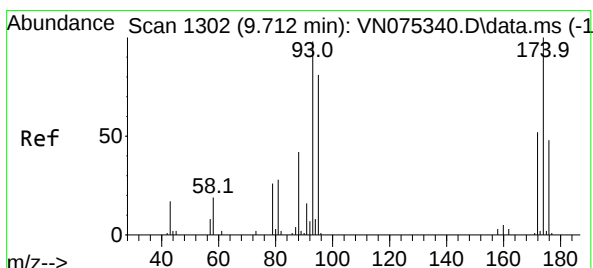
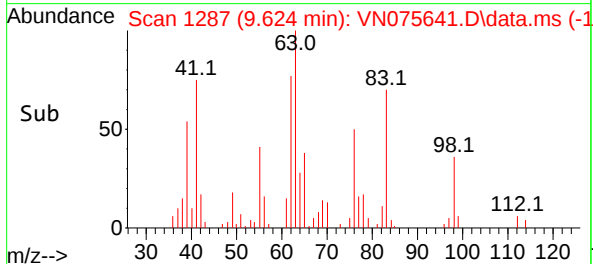
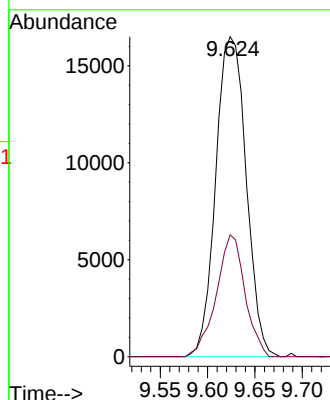
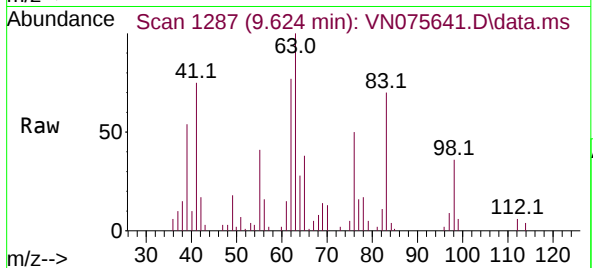
VN1208WBS02

Tgt Ion: 63 Resp: 36847

Ion Ratio Lower Upper

63 100

65 38.0 26.1 39.1



#46

Dibromomethane

Concen: 22.607 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

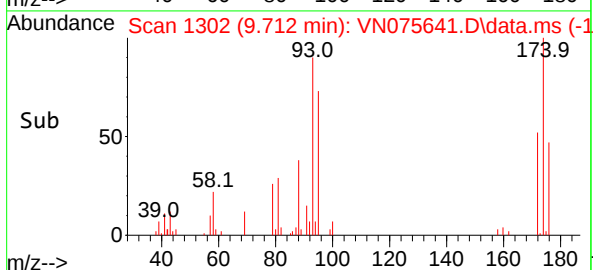
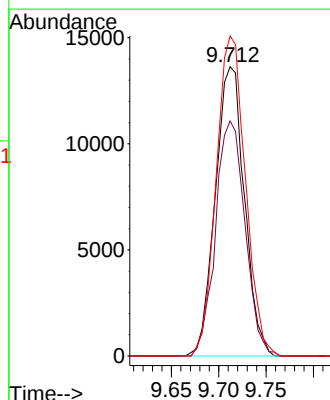
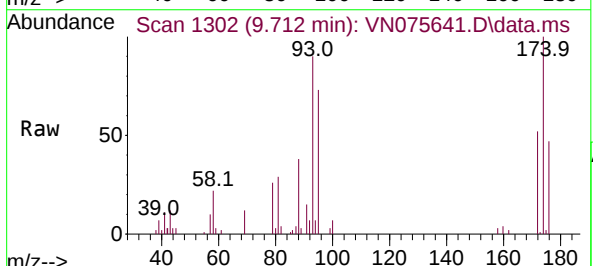
Tgt Ion: 93 Resp: 29099

Ion Ratio Lower Upper

93 100

95 82.3 66.6 99.8

174 111.2 70.3 105.5

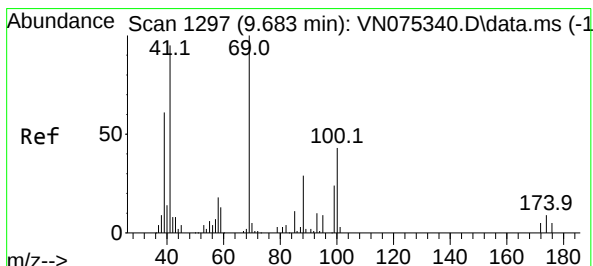
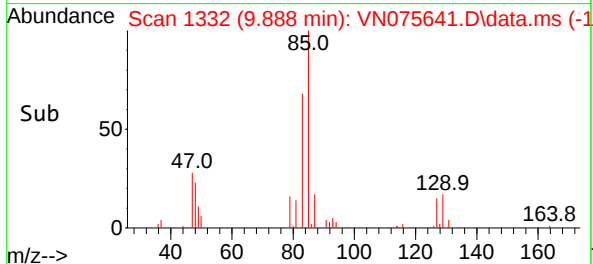
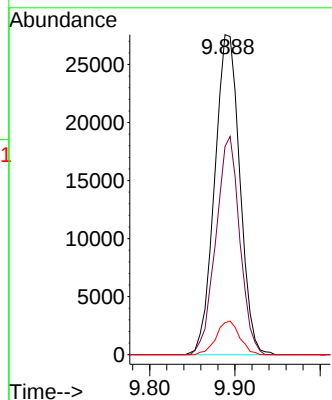
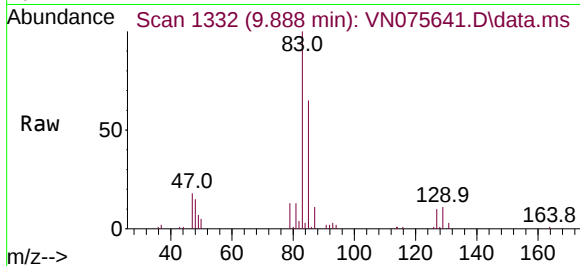




#47
Bromodichloromethane
Concen: 22.647 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

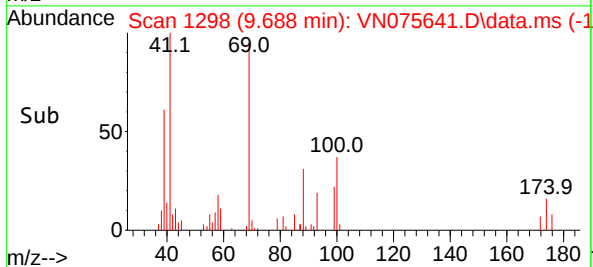
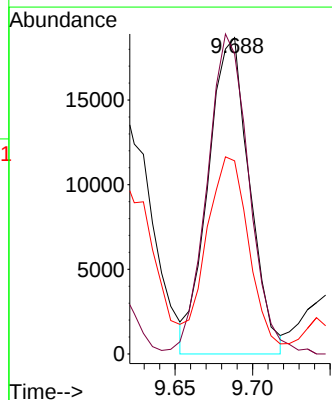
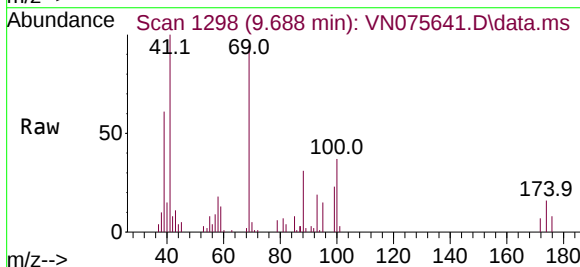
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion: 83 Resp: 56449
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 10.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 22.236 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.005 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 41 Resp: 34659
Ion Ratio Lower Upper
41 100
69 103.0 80.2 120.2
39 64.9 56.2 84.2





#49

1,4-Dioxane

Concen: 428.693 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

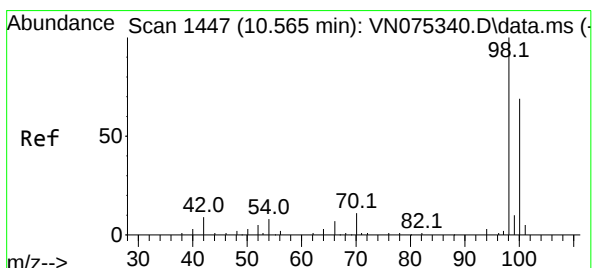
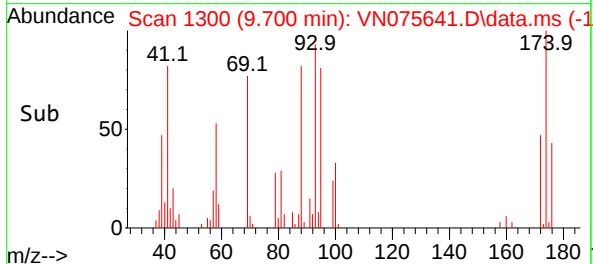
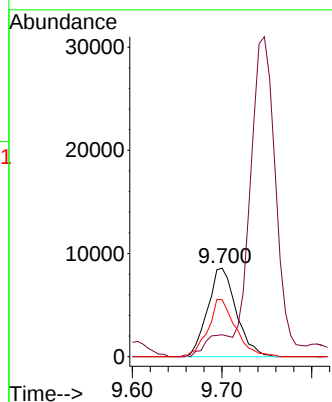
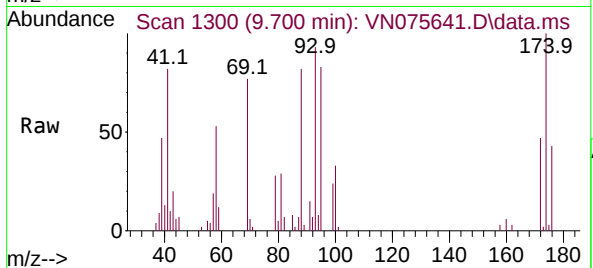
Tgt Ion: 88 Resp: 18974

Ion Ratio Lower Upper

88 100

43 20.5 17.5 26.3

58 62.2 49.8 74.8



#50

Toluene-d8

Concen: 56.192 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075641.D

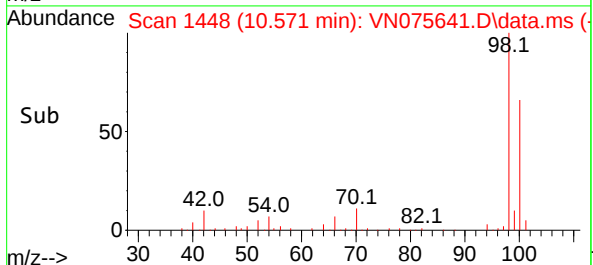
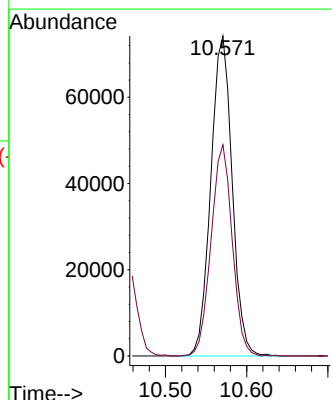
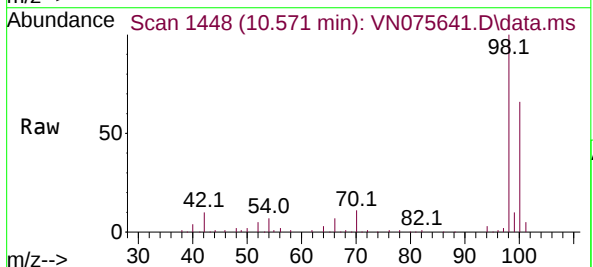
Acq: 08 Dec 2022 12:32

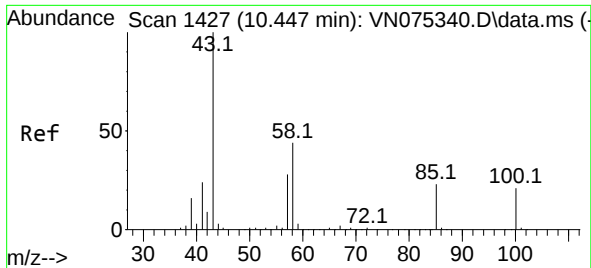
Tgt Ion: 98 Resp: 135356

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.6

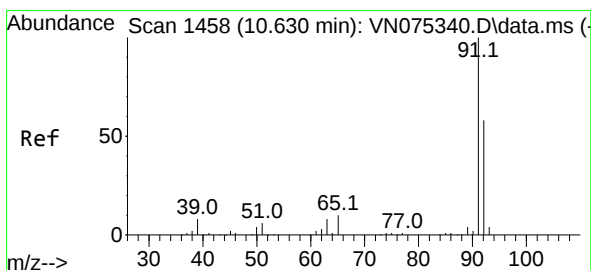
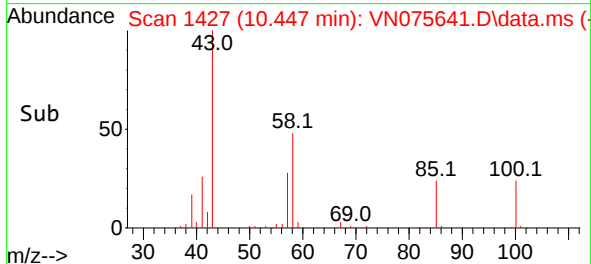
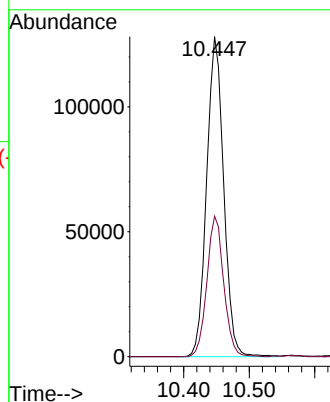
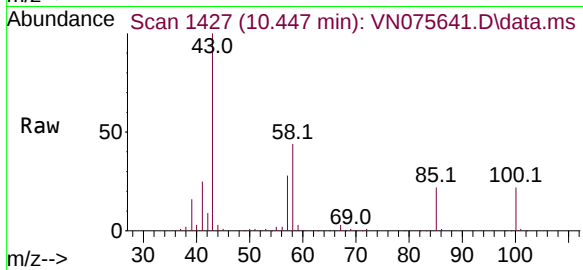




#51
4-Methyl-2-Pentanone
Concen: 107.908 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

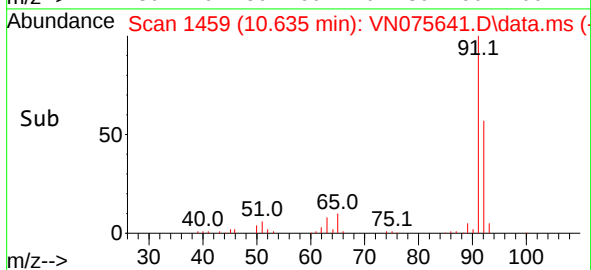
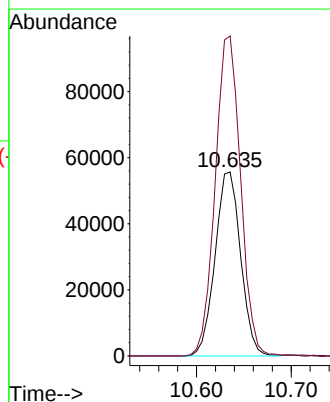
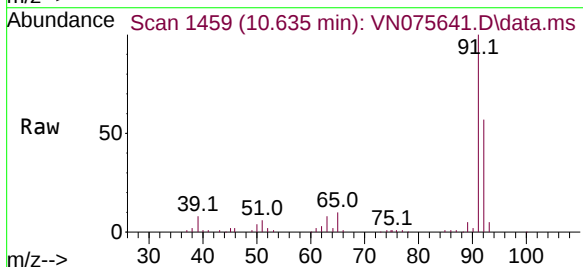
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

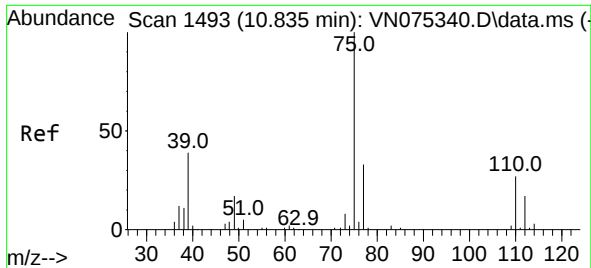
Tgt Ion: 43 Resp: 231679
Ion Ratio Lower Upper
43 100
58 43.4 33.6 50.4



#52
Toluene
Concen: 22.668 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 92 Resp: 104309
Ion Ratio Lower Upper
92 100
91 172.9 135.4 203.2

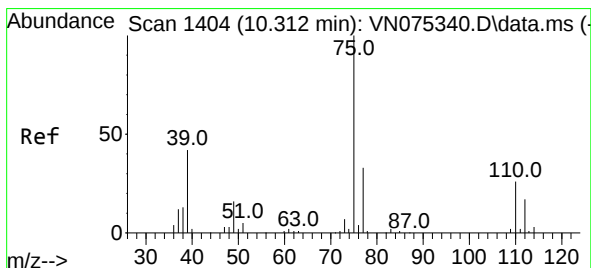
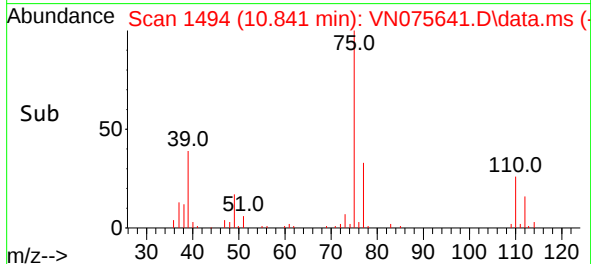
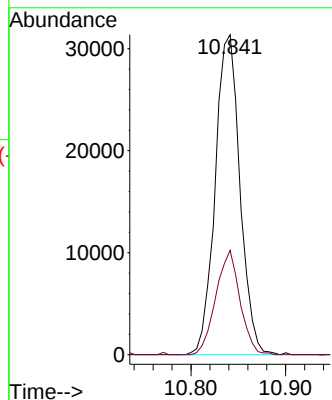
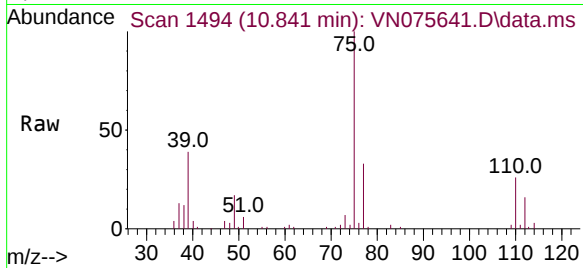




#53
 t-1,3-Dichloropropene
 Concen: 22.758 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN075641.D
 Acq: 08 Dec 2022 12:32

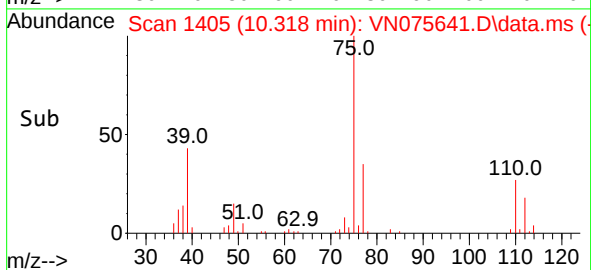
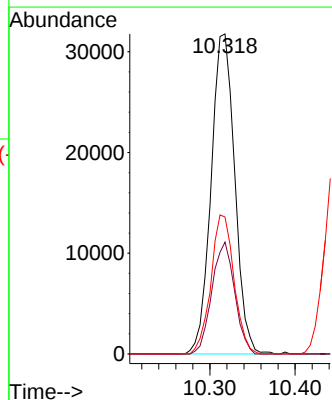
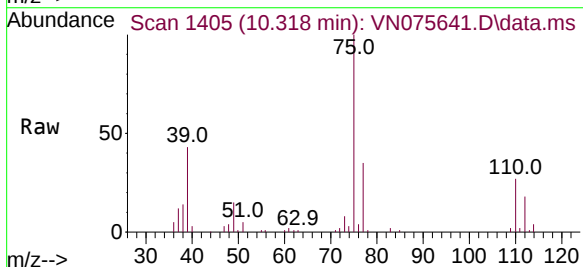
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

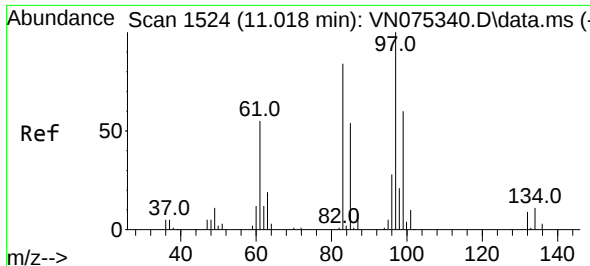
Tgt Ion: 75 Resp: 56948
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.490 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075641.D
 Acq: 08 Dec 2022 12:32

Tgt Ion: 75 Resp: 61124
 Ion Ratio Lower Upper
 75 100
 77 35.0 23.7 35.5
 39 42.8 35.8 53.6

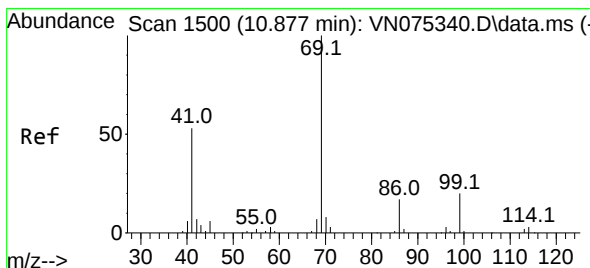
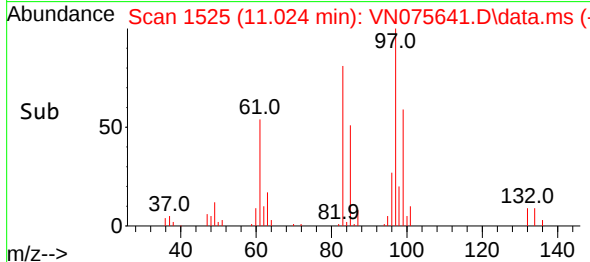
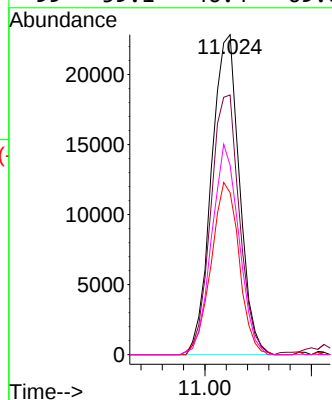
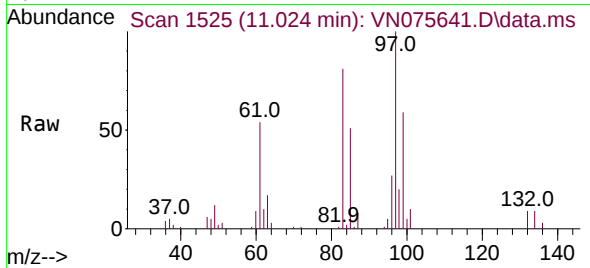




#55
1,1,2-Trichloroethane
Concen: 22.227 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

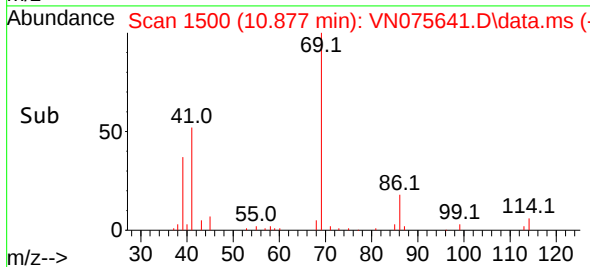
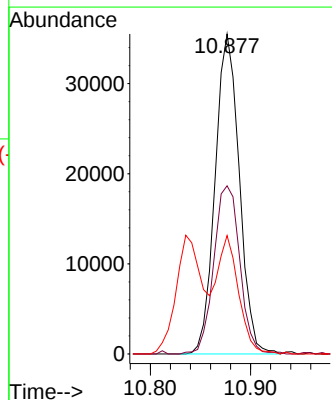
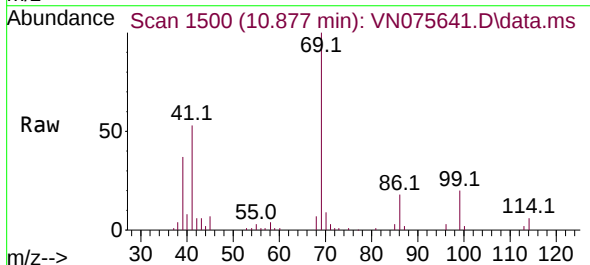
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

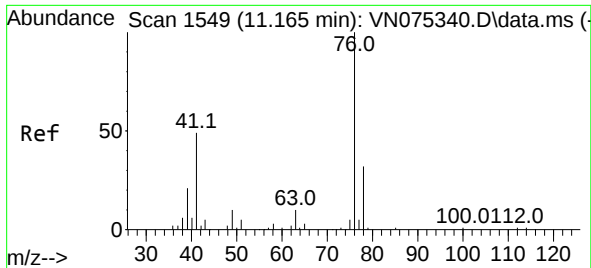
Tgt Ion: 97	Resp: 41659
Ion Ratio	Lower Upper
97 100	
83 81.2	65.9 98.9
85 50.6	40.4 60.6
99 59.1	46.4 69.6



#56
Ethyl methacrylate
Concen: 23.494 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 69	Resp: 59465
Ion Ratio	Lower Upper
69 100	
41 56.6	45.6 68.4
39 33.1	28.5 42.7

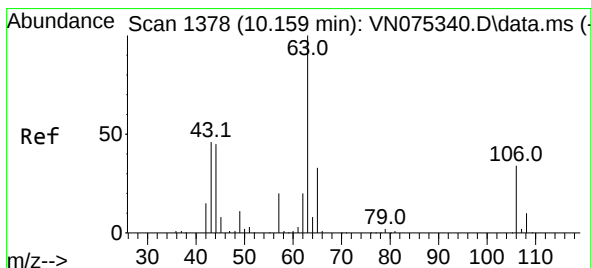
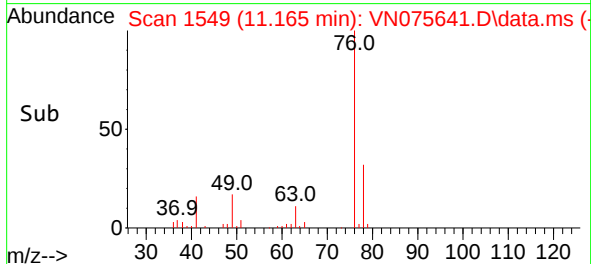
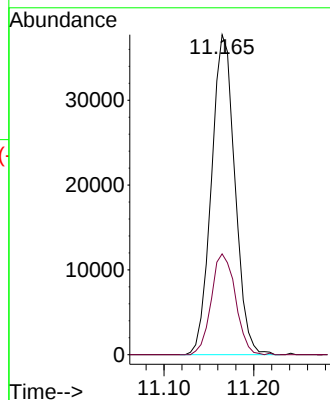
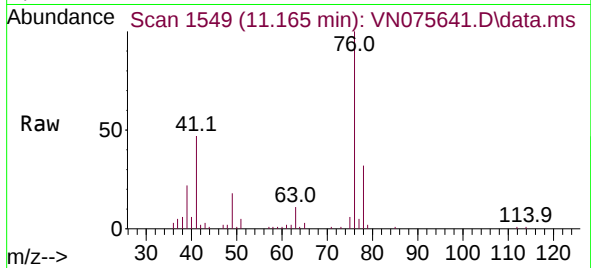




#57
1,3-Dichloropropane
Concen: 22.417 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

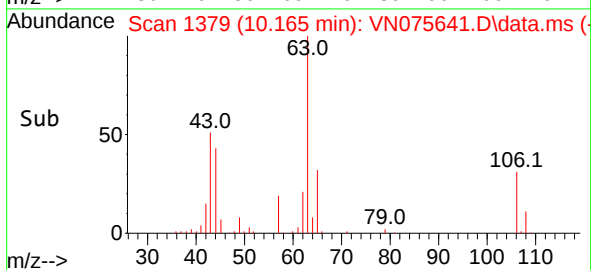
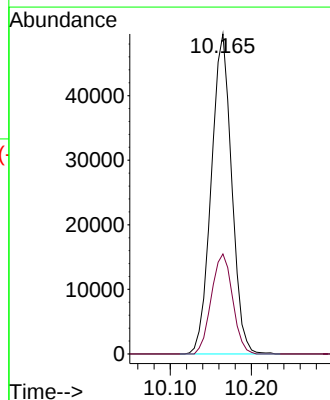
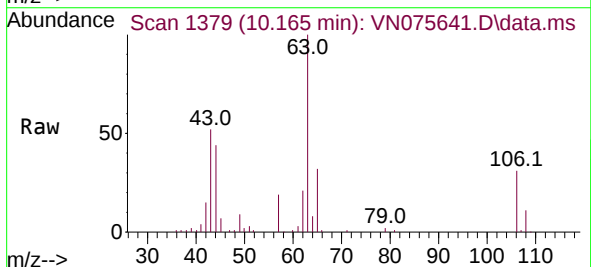
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

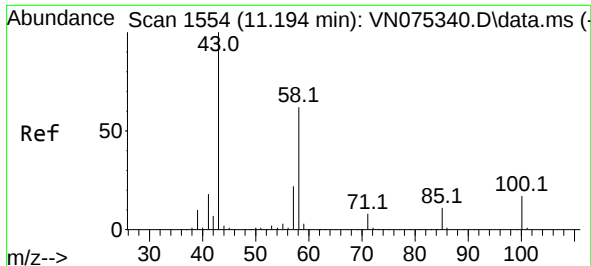
Tgt Ion: 76 Resp: 68507
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 94.795 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 63 Resp: 86534
Ion Ratio Lower Upper
63 100
106 32.4 24.8 37.2

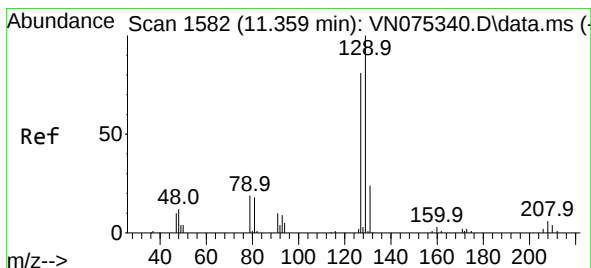
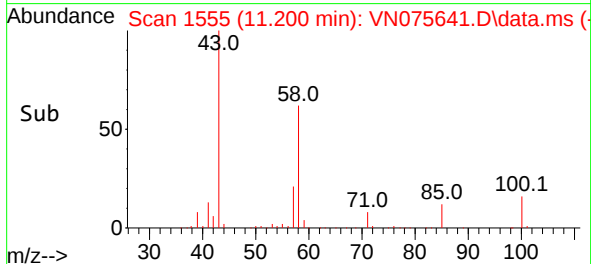
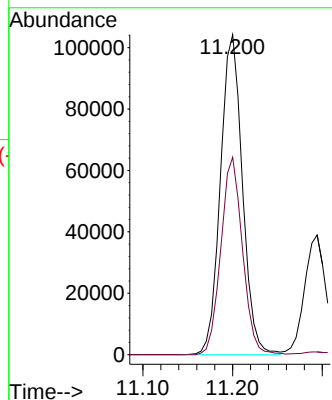
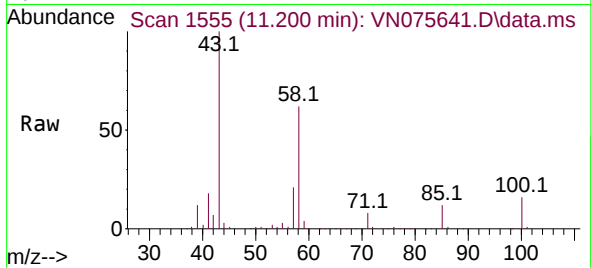




#59
2-Hexanone
Concen: 110.117 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

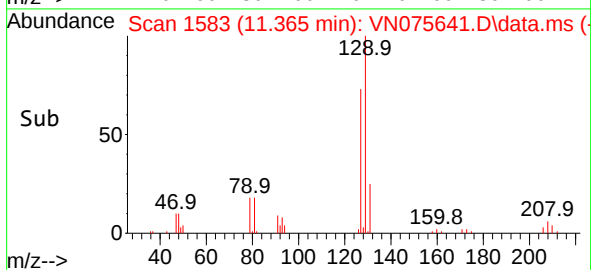
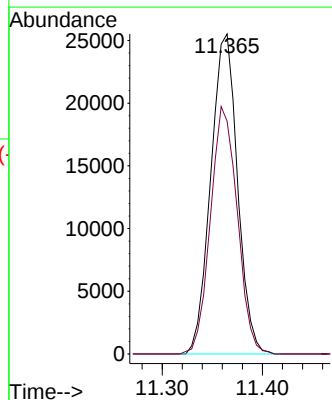
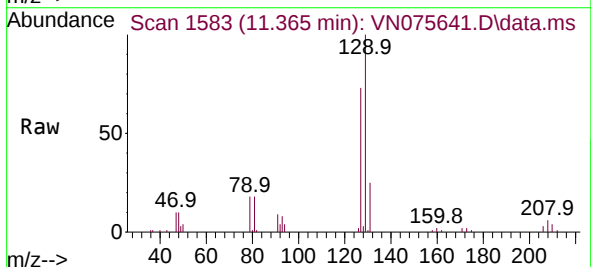
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion: 43 Resp: 177530
Ion Ratio Lower Upper
43 100
58 60.5 29.6 88.8



#60
Dibromochloromethane
Concen: 24.593 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion:129 Resp: 47312
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8

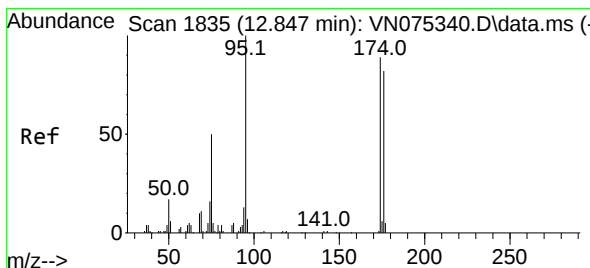
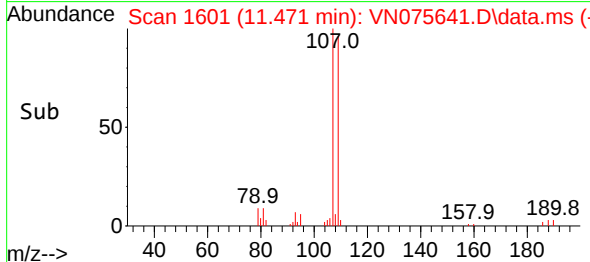
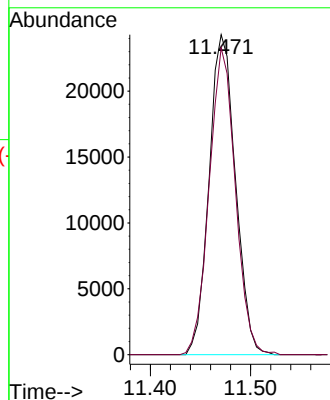
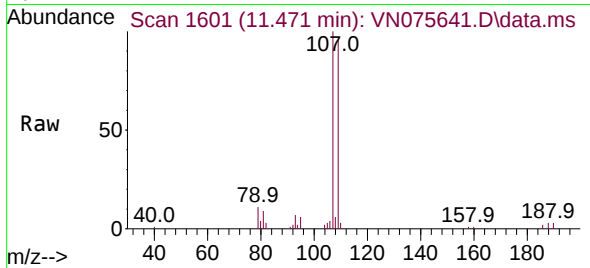




#61
1,2-Dibromoethane
Concen: 22.834 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

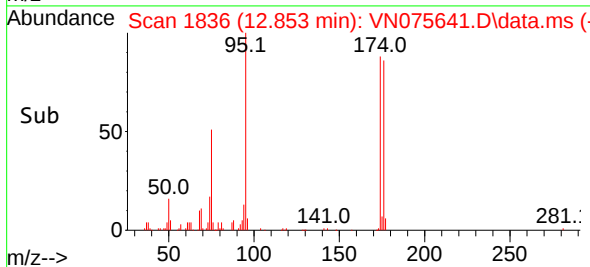
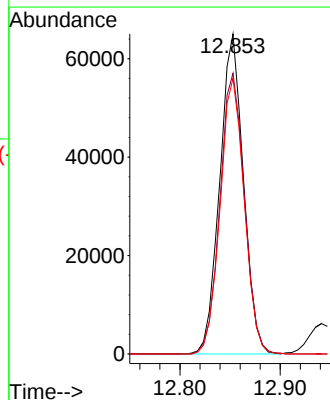
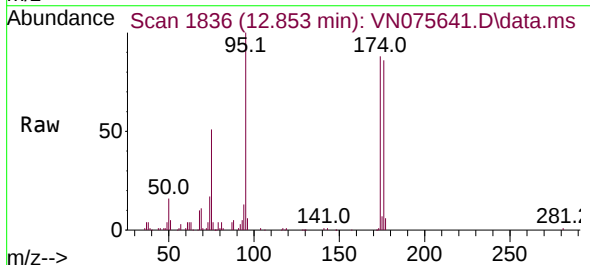
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

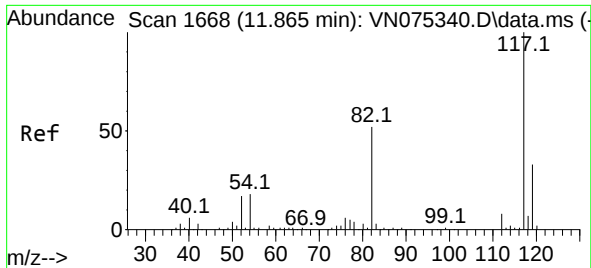
Tgt Ion:107 Resp: 44419
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 59.847 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 95 Resp: 106407
Ion Ratio Lower Upper
95 100
174 90.4 0.0 147.4
176 87.5 0.0 142.2

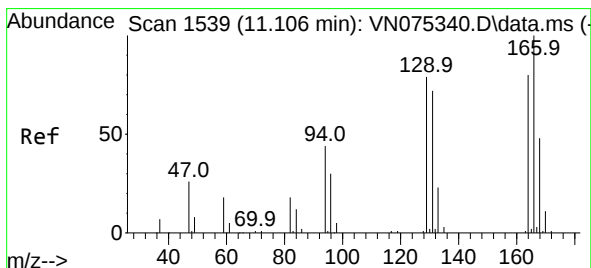
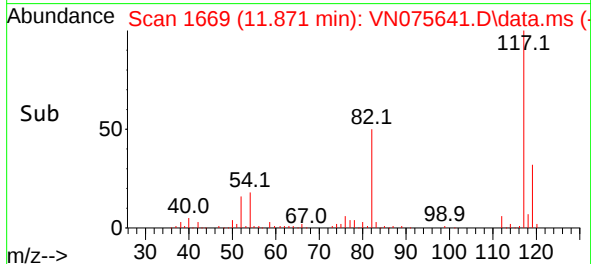
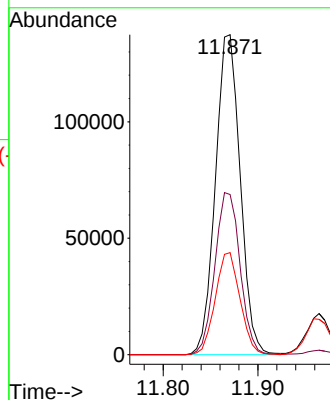
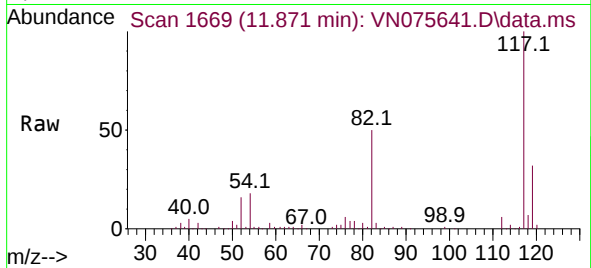




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

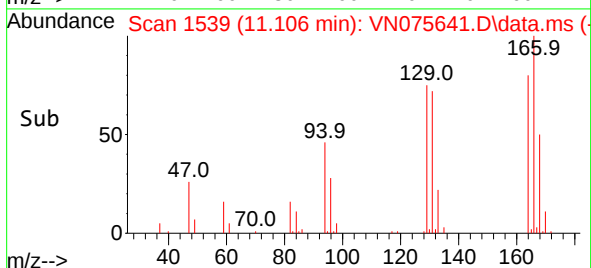
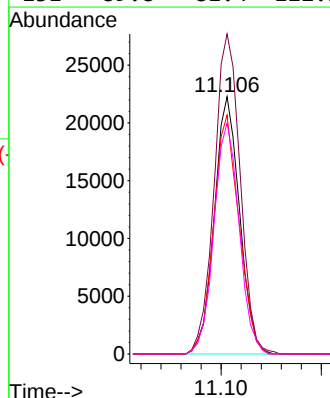
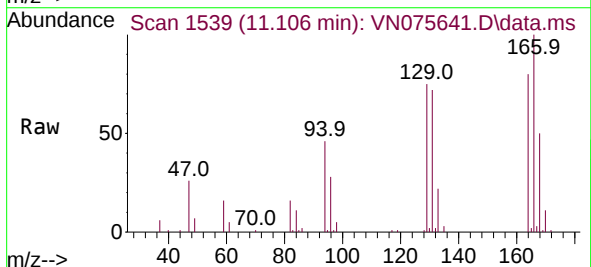
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

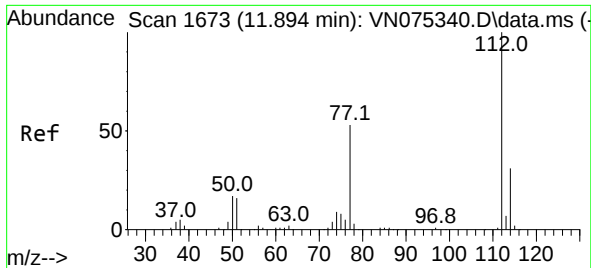
Tgt Ion:117 Resp: 250104
Ion Ratio Lower Upper
117 100
82 50.0 43.1 64.7
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 20.397 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion:164 Resp: 38957
Ion Ratio Lower Upper
164 100
166 124.4 106.5 159.7
129 92.9 81.9 122.9
131 89.8 81.4 122.2

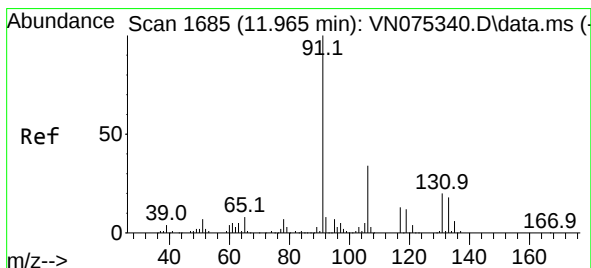
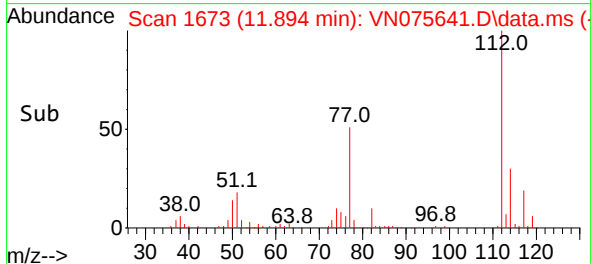
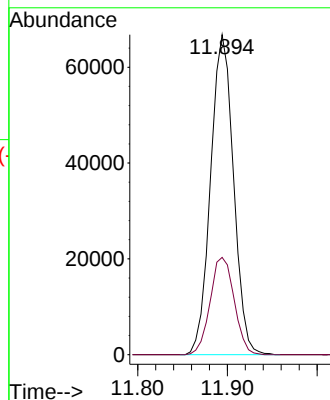
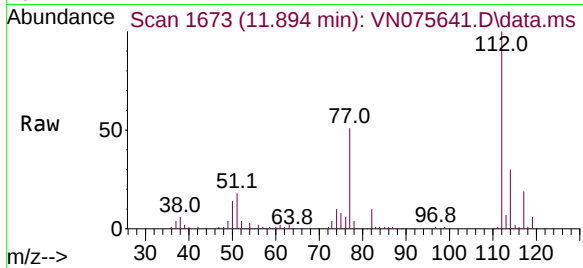




#65
Chlorobenzene
Concen: 22.944 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

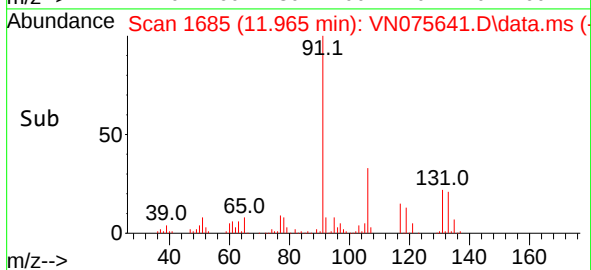
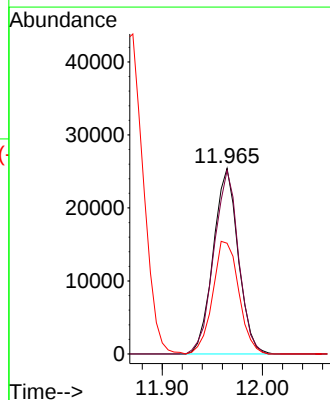
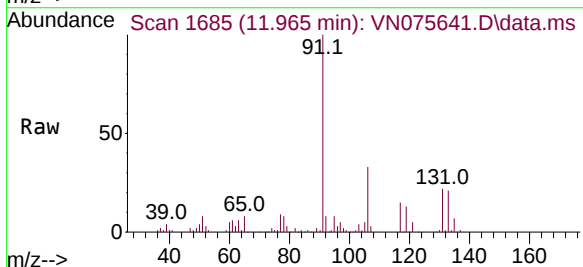
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tgt Ion:112 Resp: 118506
Ion Ratio Lower Upper
112 100
114 30.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.804 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion:131 Resp: 43960
Ion Ratio Lower Upper
131 100
133 98.2 47.8 143.4
119 63.5 33.0 99.0

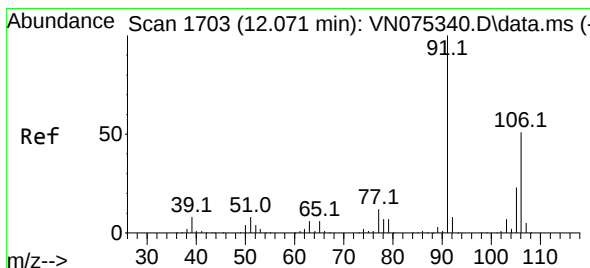
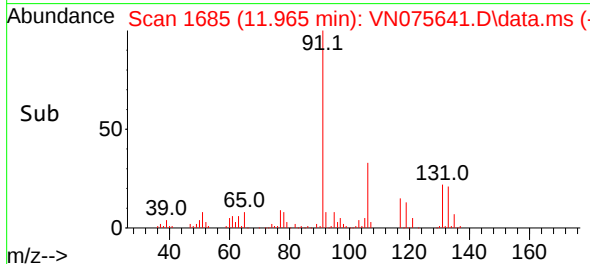
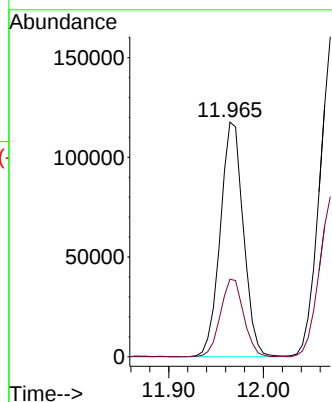
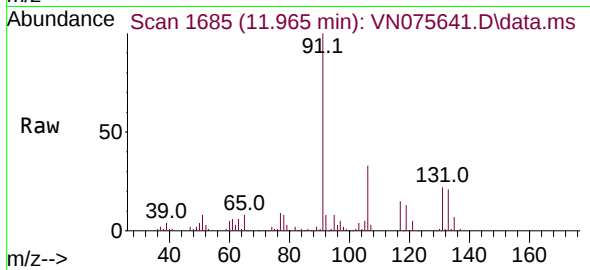




#67
Ethyl Benzene
Concen: 22.673 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

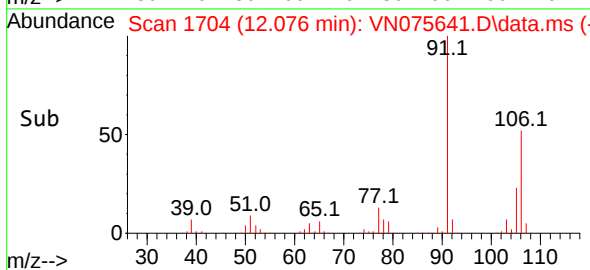
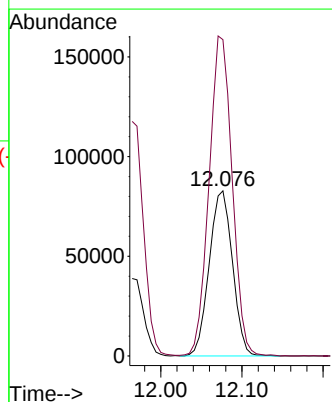
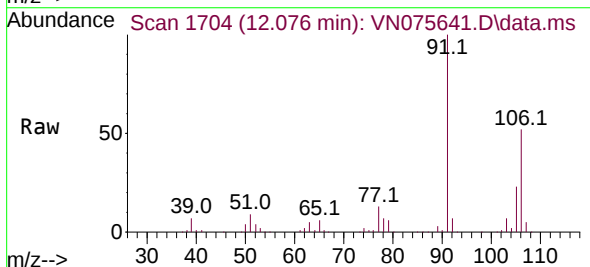
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

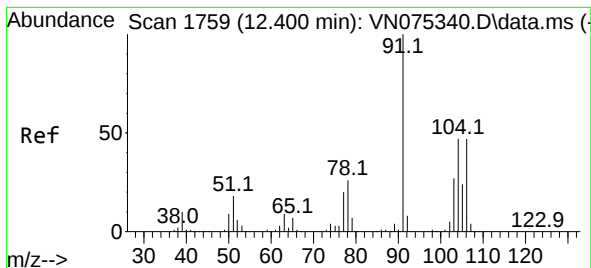
Tgt Ion: 91 Resp: 199789
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3



#68
m/p-Xylenes
Concen: 46.072 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion:106 Resp: 164865
Ion Ratio Lower Upper
106 100
91 192.7 156.0 234.0





#69

o-Xylene

Concen: 23.201 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

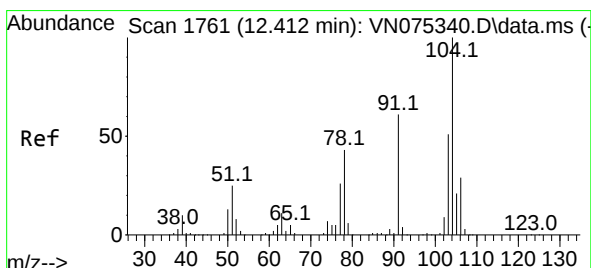
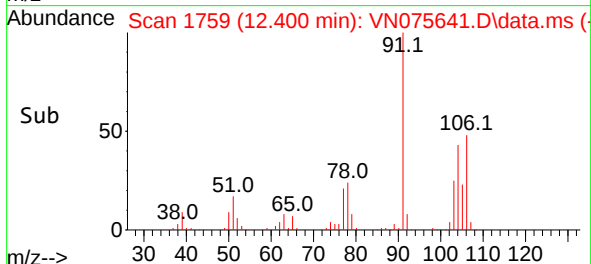
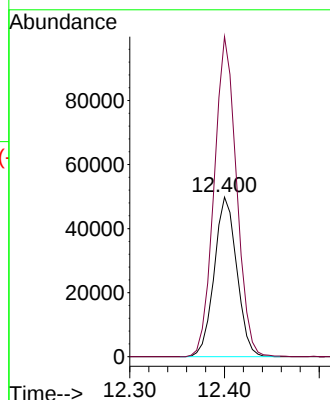
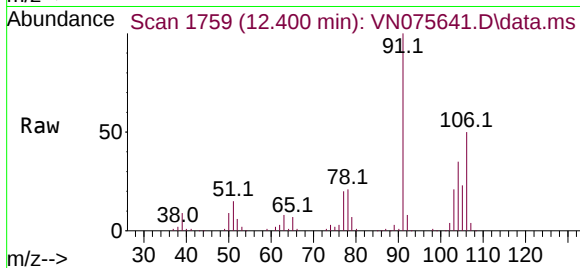
VN1208WBS02

Tgt Ion:106 Resp: 82490

Ion Ratio Lower Upper

106 100

91 199.4 105.2 315.5



#70

Styrene

Concen: 23.780 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

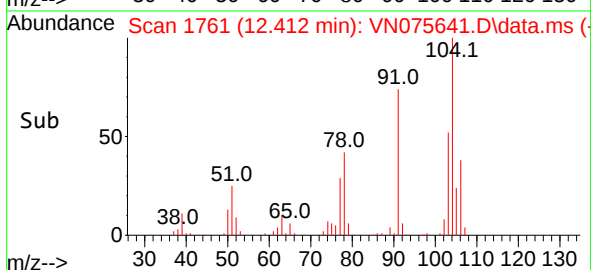
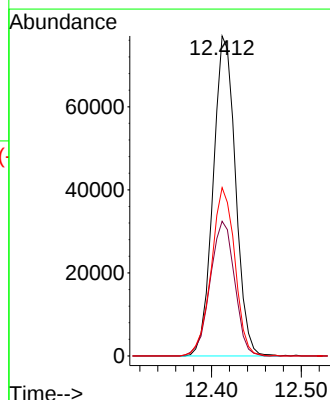
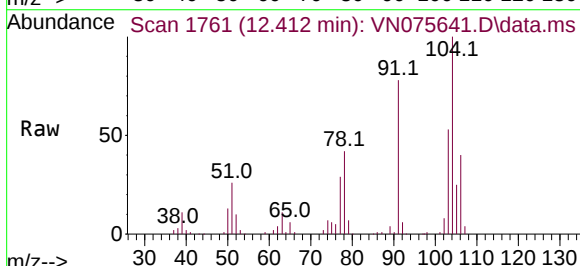
Tgt Ion:104 Resp: 133374

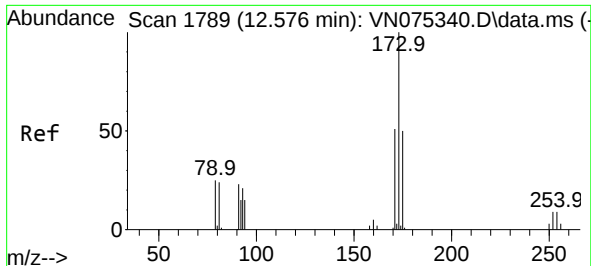
Ion Ratio Lower Upper

104 100

78 45.8 38.1 57.1

103 55.2 44.6 66.8

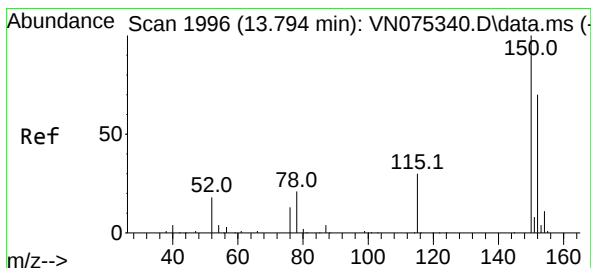
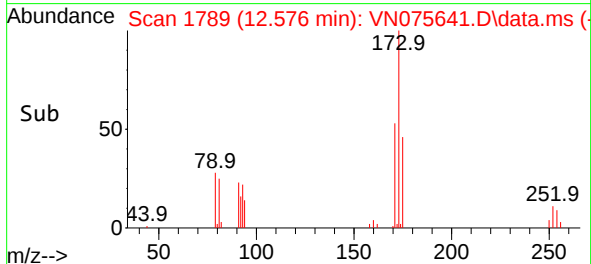
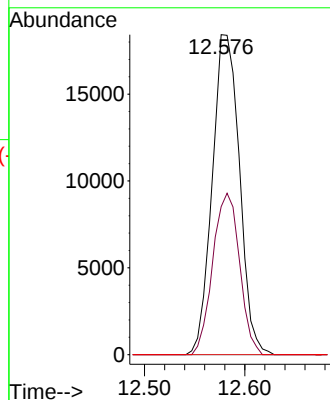
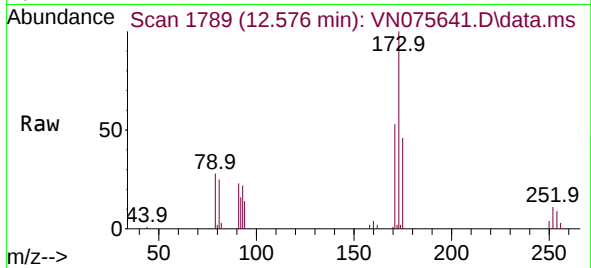




#71
Bromoform
Concen: 23.684 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

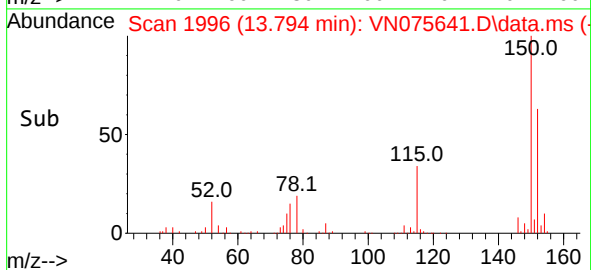
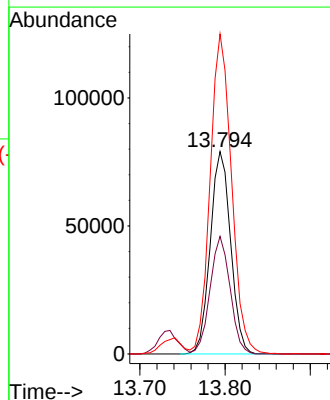
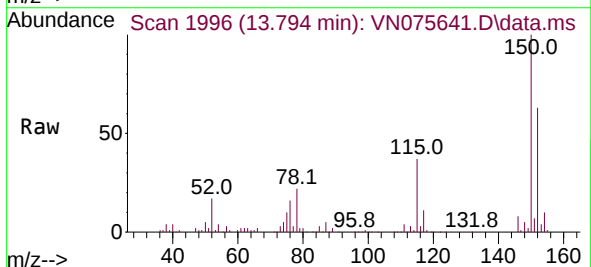
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

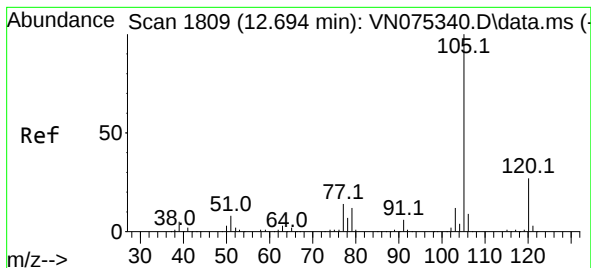
Tgt Ion:173 Resp: 34749
Ion Ratio Lower Upper
173 100
175 49.6 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion:152 Resp: 131362
Ion Ratio Lower Upper
152 100
115 57.0 30.2 90.6
150 165.4 0.0 348.4





#73

Isopropylbenzene

Concen: 21.592 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

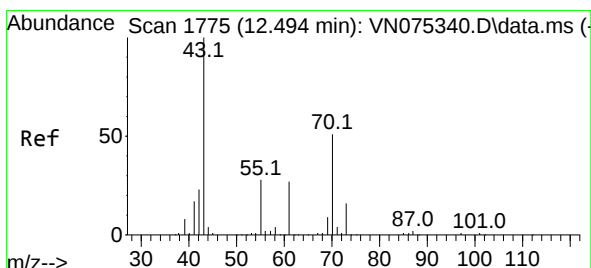
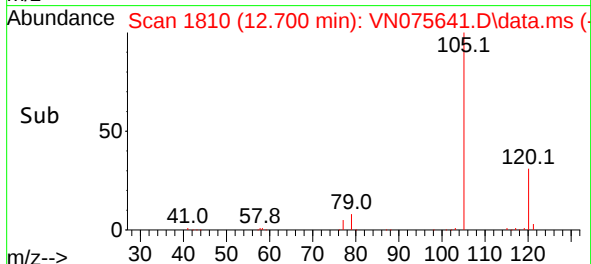
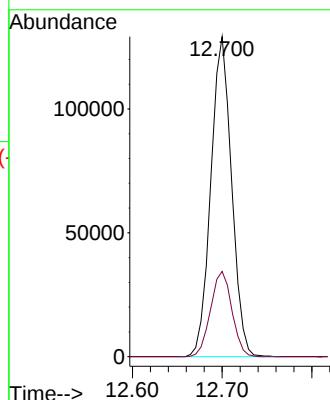
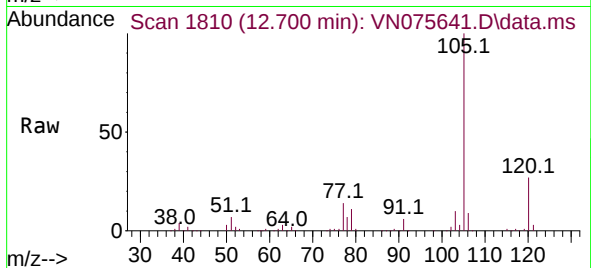
VN1208WBS02

Tgt Ion:105 Resp: 207228

Ion Ratio Lower Upper

105 100

120 27.4 13.1 39.1



#74

N-ethyl acetate

Concen: 21.984 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Tgt Ion: 43 Resp: 64864

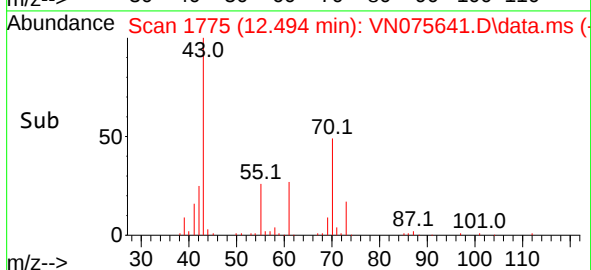
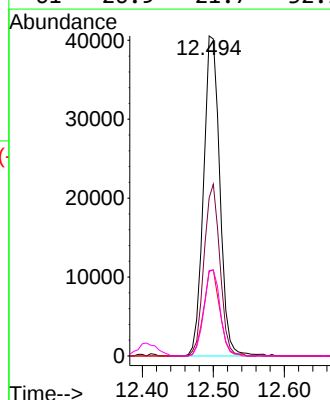
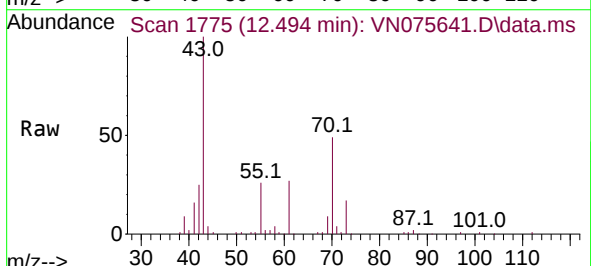
Ion Ratio Lower Upper

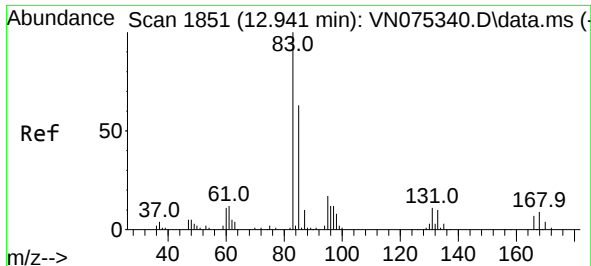
43 100

70 52.2 39.8 59.8

55 26.7 19.9 29.9

61 26.9 21.7 32.5

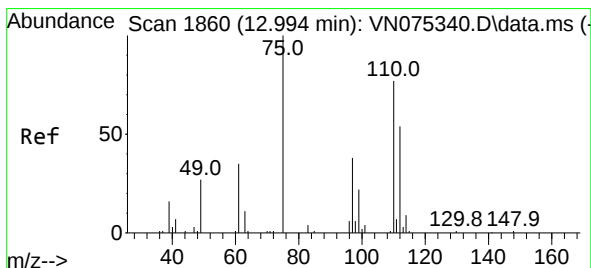
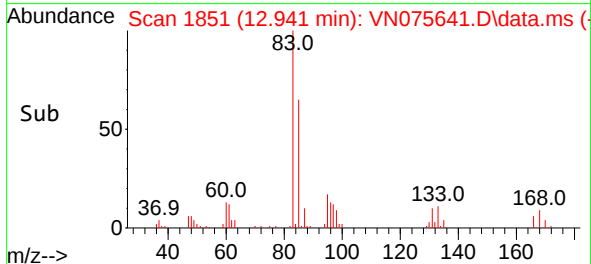
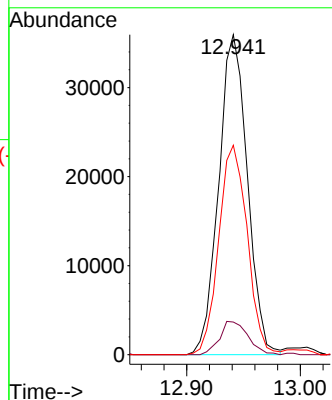
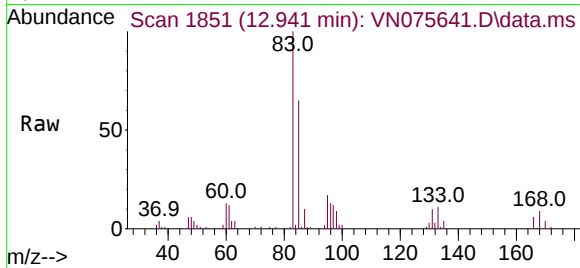




#75
1,1,2,2-Tetrachloroethane
Concen: 21.542 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

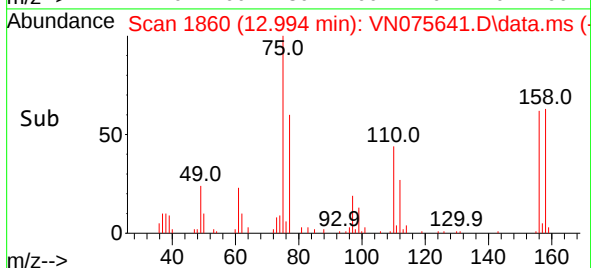
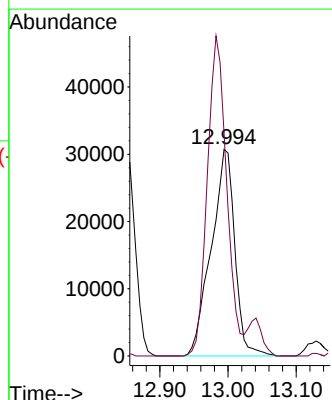
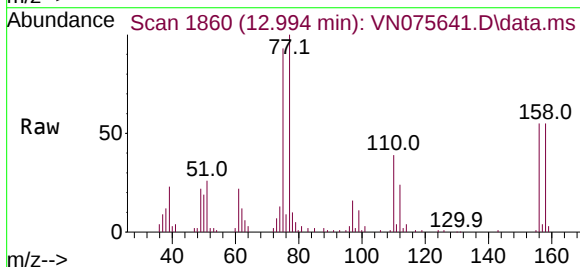
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

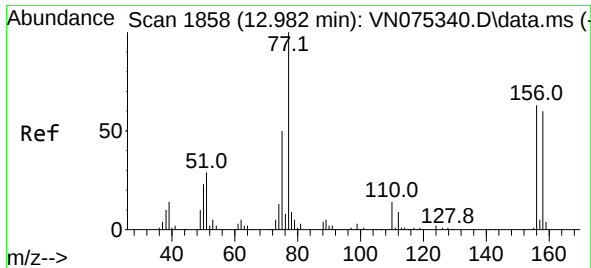
Tgt Ion: 83 Resp: 63032
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 65.0 31.6 94.7



#76
1,2,3-Trichloropropane
Concen: 29.812 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 75 Resp: 74045
Ion Ratio Lower Upper
75 100
77 127.9 75.6 226.8

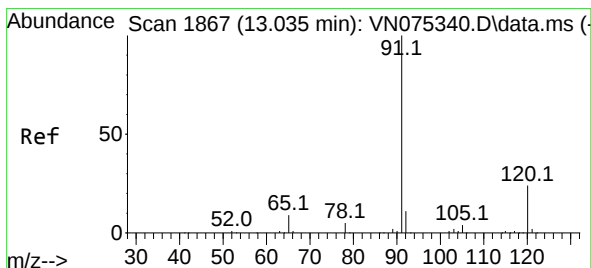
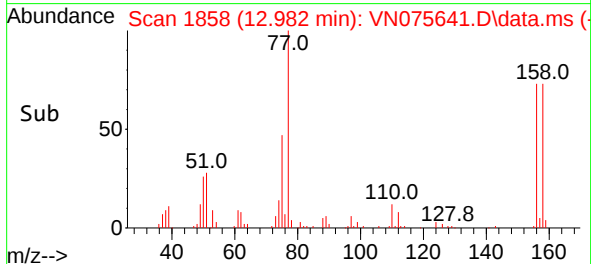
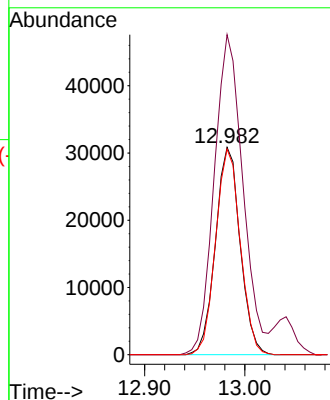
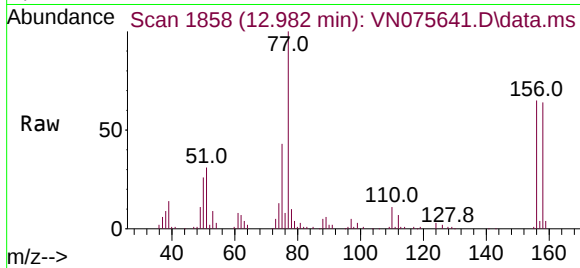




#77
Bromobenzene
Concen: 22.268 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

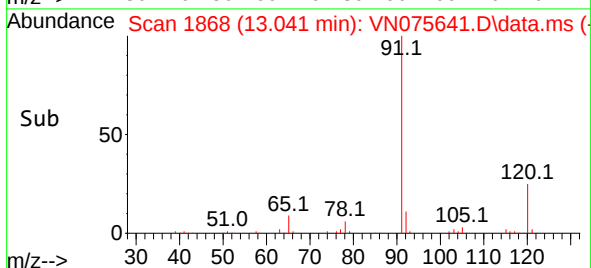
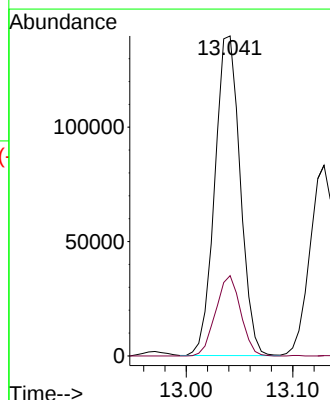
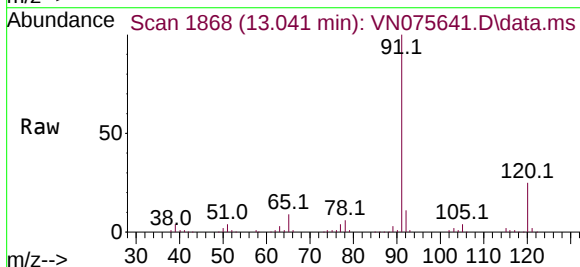
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

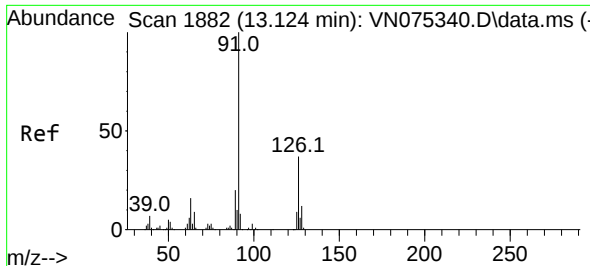
Tgt Ion:156 Resp: 52761
Ion Ratio Lower Upper
156 100
77 179.5 108.5 325.5
158 98.7 47.7 143.1



#78
n-propylbenzene
Concen: 21.570 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 91 Resp: 231024
Ion Ratio Lower Upper
91 100
120 24.6 11.9 35.5

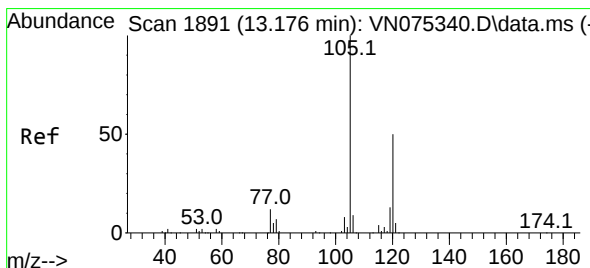
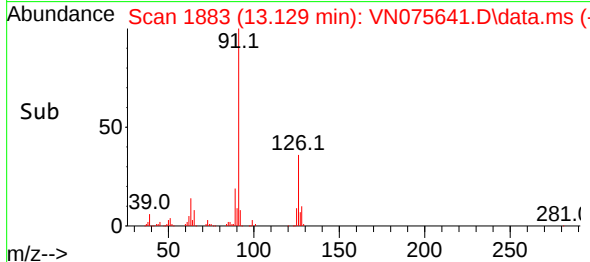
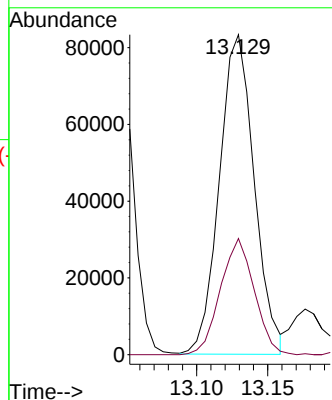
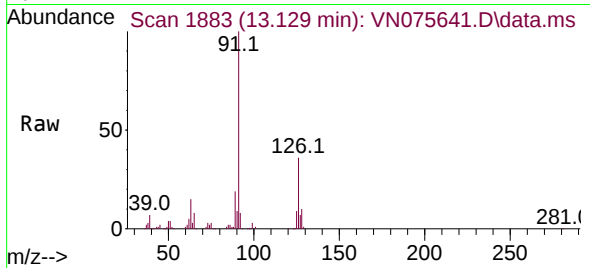




#79
2-Chlorotoluene
Concen: 22.034 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

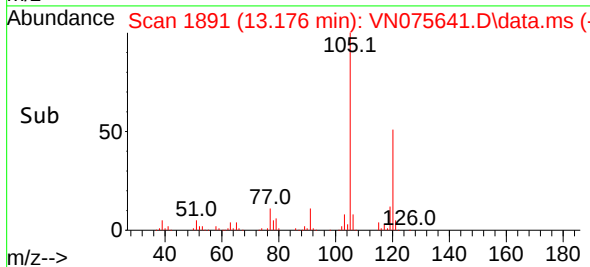
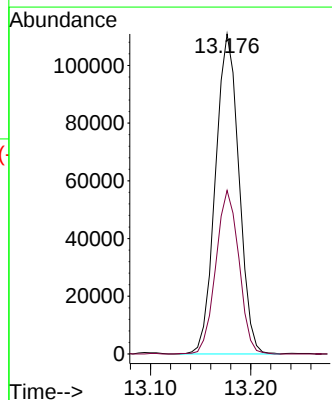
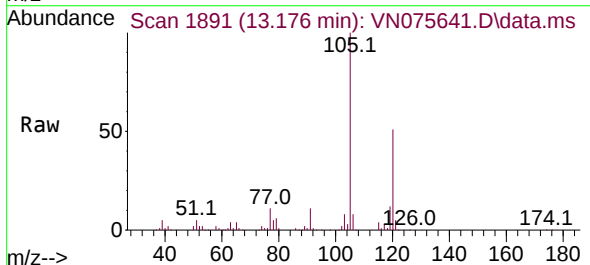
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

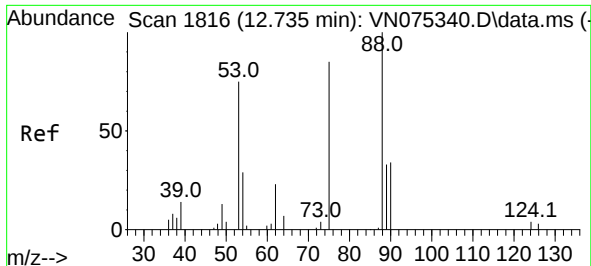
Tgt Ion: 91 Resp: 142191
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 22.643 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion:105 Resp: 180545
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1

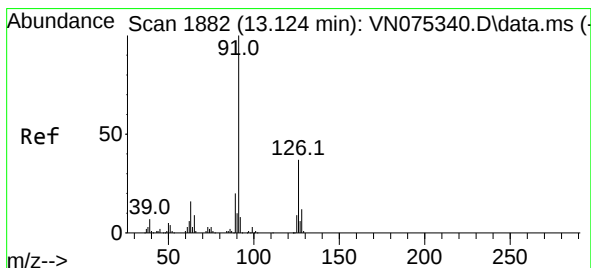
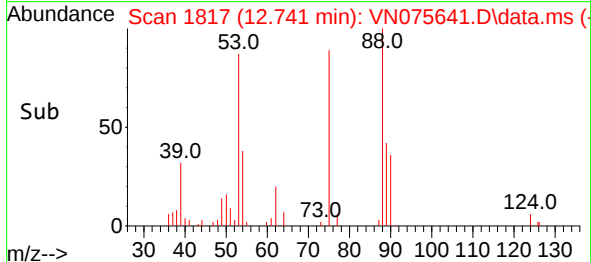
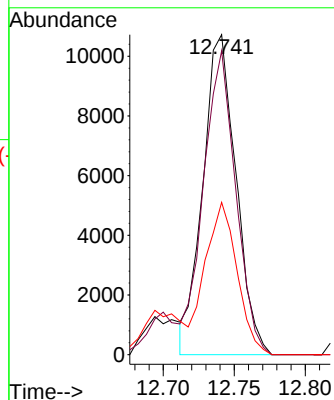
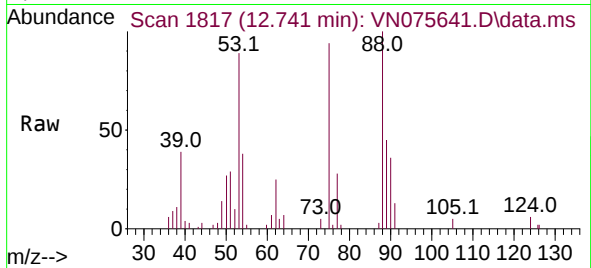




#81
trans-1,4-Dichloro-2-butene
Concen: 20.725 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

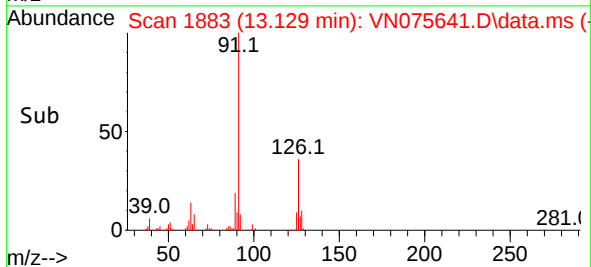
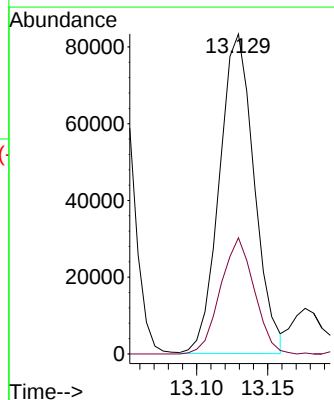
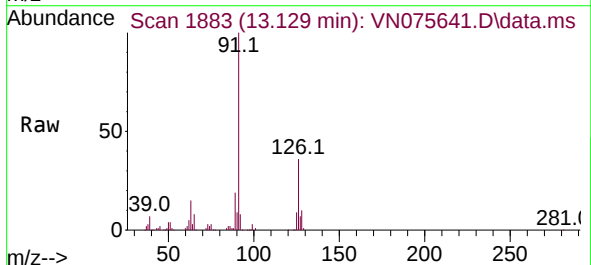
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

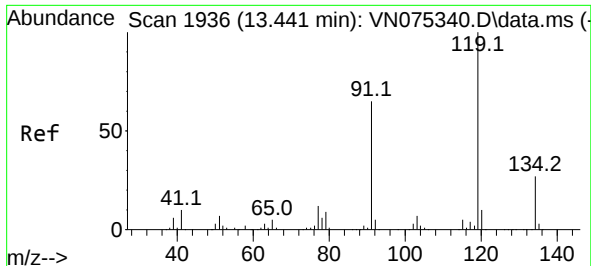
Tgt Ion: 75 Resp: 17397
Ion Ratio Lower Upper
75 100
53 92.8 78.5 117.7
89 45.7 37.7 56.5



#82
4-Chlorotoluene
Concen: 22.034 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion: 91 Resp: 142191
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7

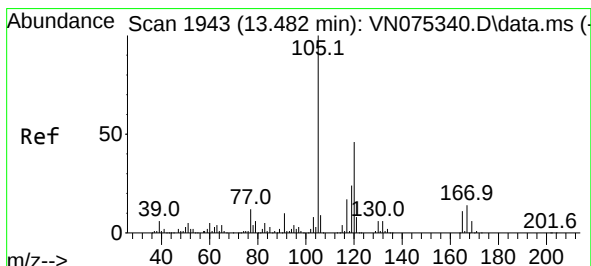
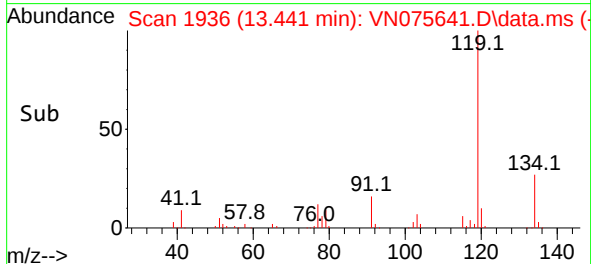
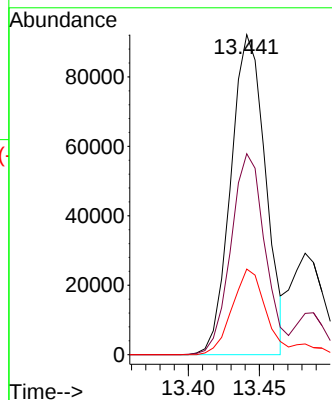
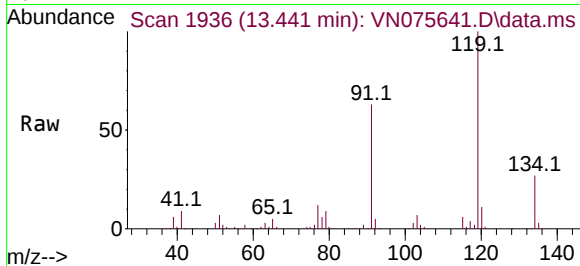




#83
tert-Butylbenzene
Concen: 21.520 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

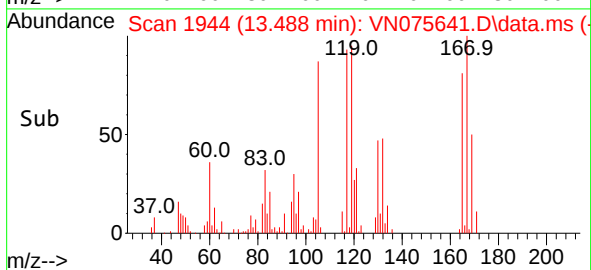
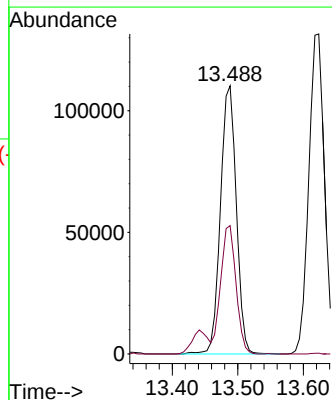
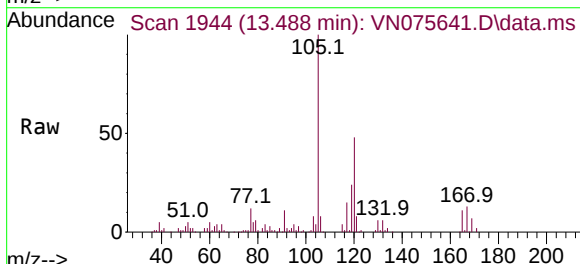
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

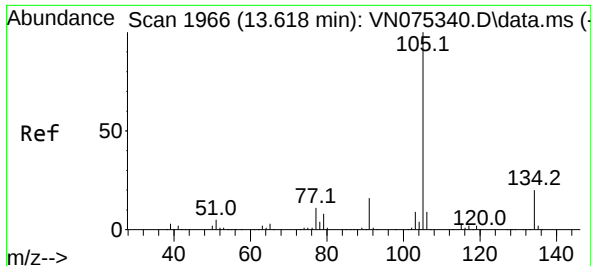
Tgt Ion:119 Resp: 156449
Ion Ratio Lower Upper
119 100
91 62.4 32.8 98.4
134 28.2 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 23.065 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075641.D
Acq: 08 Dec 2022 12:32

Tgt Ion:105 Resp: 184475
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1

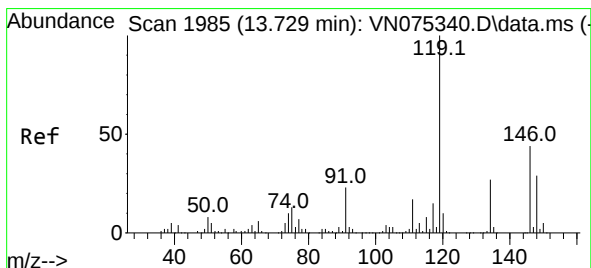
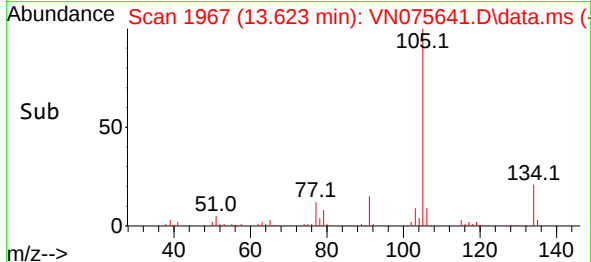
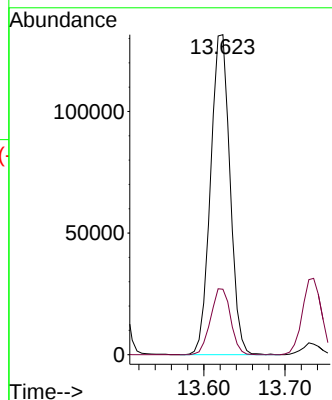
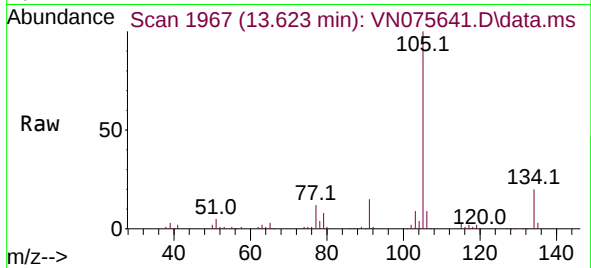




#85
 sec-Butylbenzene
 Concen: 22.146 ug/l
 RT: 13.623 min Scan# 1967
 Delta R.T. 0.005 min
 Lab File: VN075641.D
 Acq: 08 Dec 2022 12:32

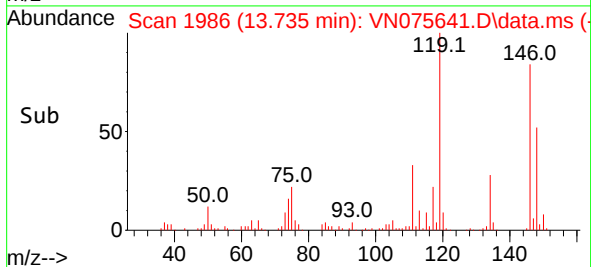
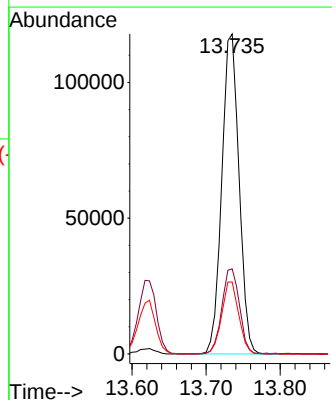
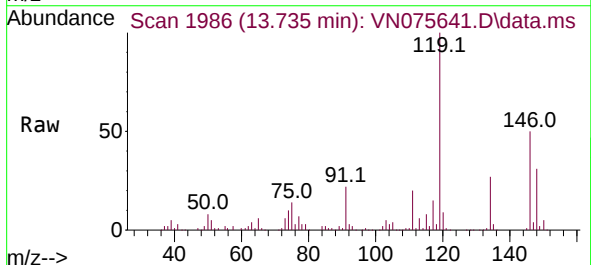
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tgt Ion:105 Resp: 218457
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 22.948 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075641.D
 Acq: 08 Dec 2022 12:32

Tgt Ion:119 Resp: 190451
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 22.4 11.9 35.5

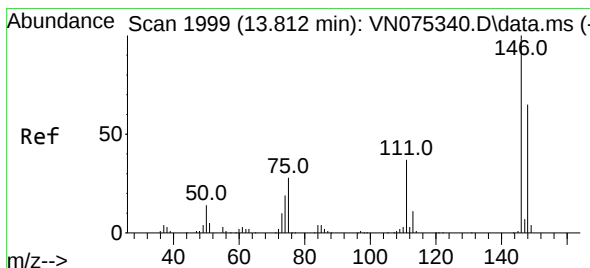
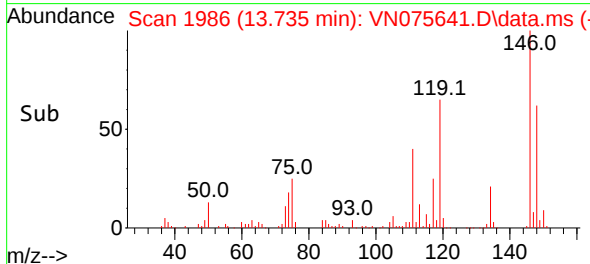
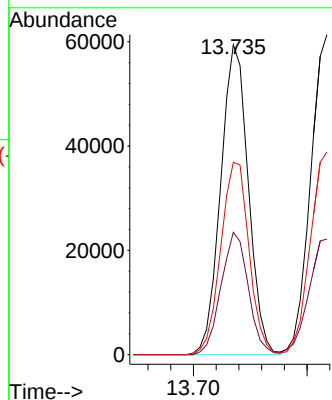
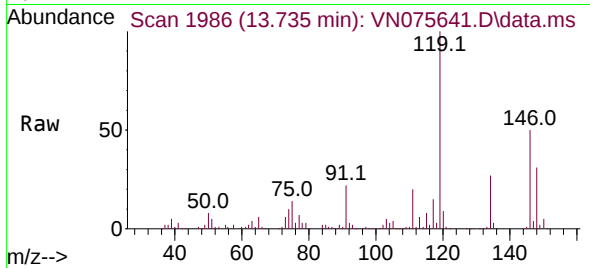




#87
 1,3-Dichlorobenzene
 Concen: 22.341 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075641.D
 Acq: 08 Dec 2022 12:32

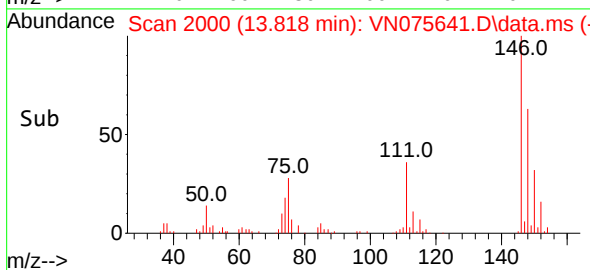
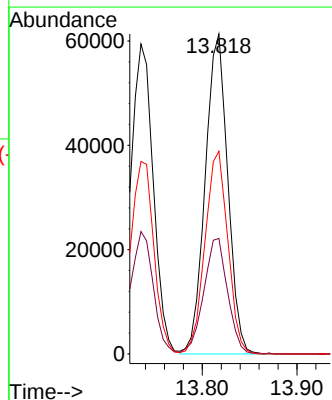
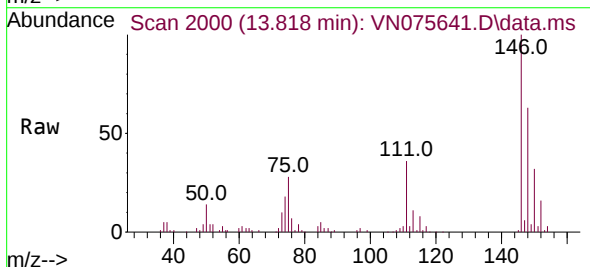
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

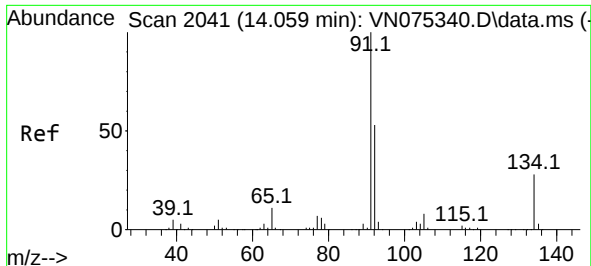
Tgt Ion:146 Resp: 100295
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.8 62.5
 148 63.6 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 22.253 ug/l
 RT: 13.818 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN075641.D
 Acq: 08 Dec 2022 12:32

Tgt Ion:146 Resp: 101480
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.1 60.3
 148 64.2 31.9 95.7





#89

n-Butylbenzene

Concen: 21.139 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

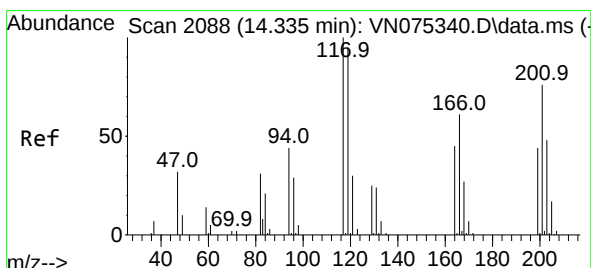
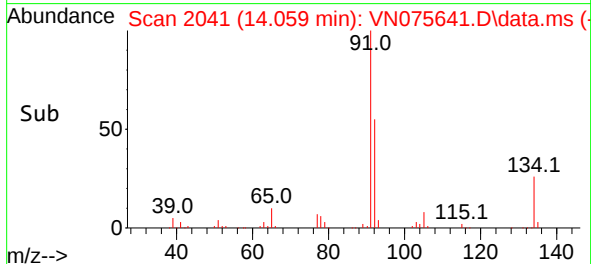
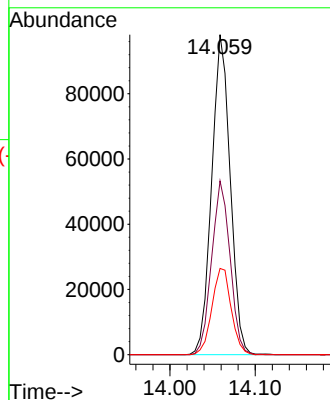
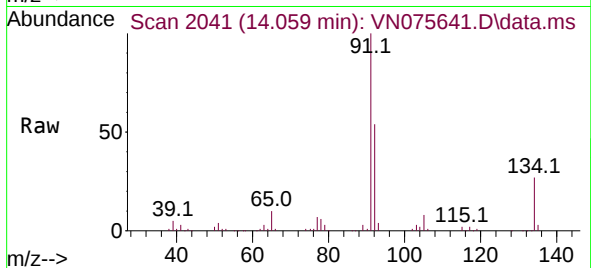
Tgt Ion: 91 Resp: 148179

Ion Ratio Lower Upper

91 100

92 54.0 26.5 79.4

134 28.1 13.0 39.0



#90

Hexachloroethane

Concen: 21.474 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075641.D

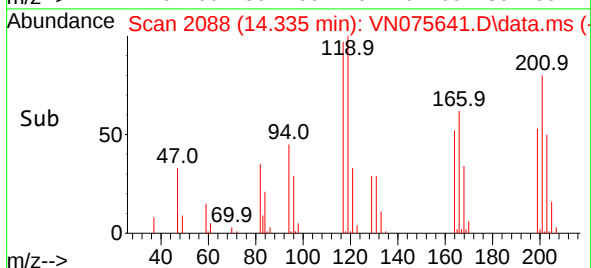
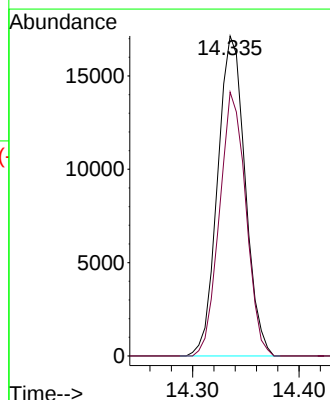
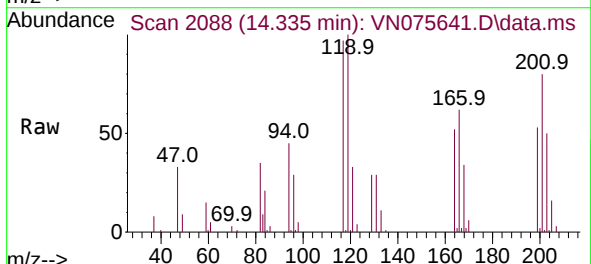
Acq: 08 Dec 2022 12:32

Tgt Ion: 117 Resp: 30745

Ion Ratio Lower Upper

117 100

201 79.1 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 22.692 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

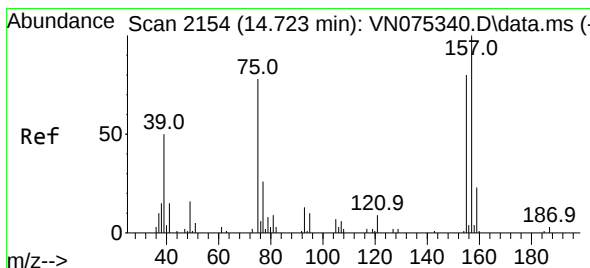
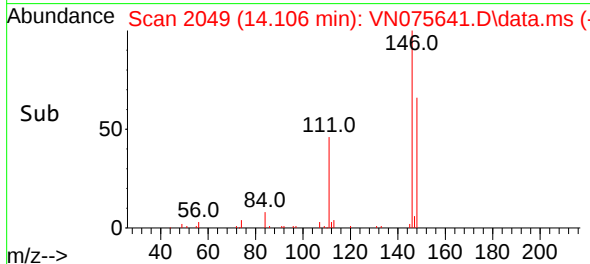
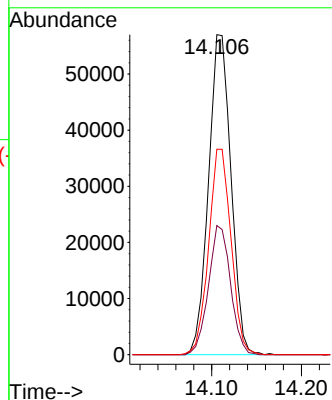
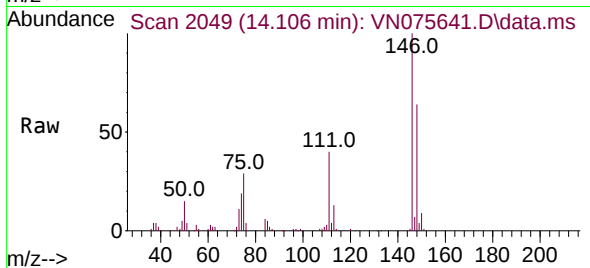
Tgt Ion:146 Resp: 99298

Ion Ratio Lower Upper

146 100

111 39.5 21.3 63.9

148 63.9 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.187 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

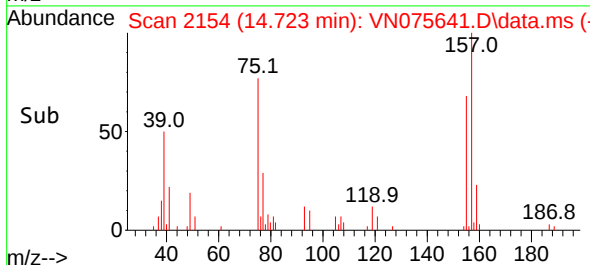
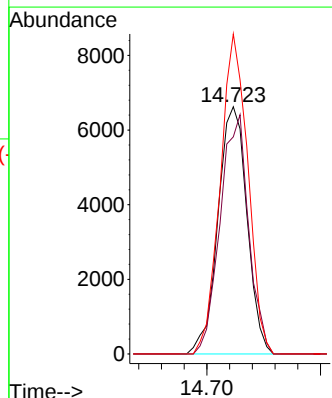
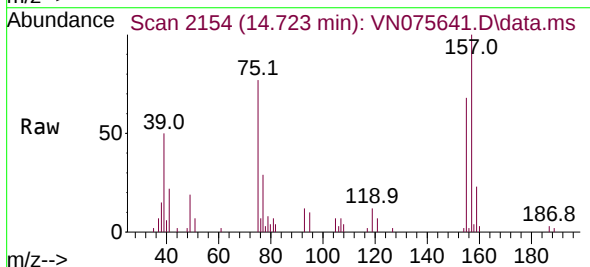
Tgt Ion: 75 Resp: 11743

Ion Ratio Lower Upper

75 100

155 94.7 42.1 126.3

157 123.2 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 23.519 ug/l

RT: 15.400 min Scan# 2269

Delta R.T. 0.006 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

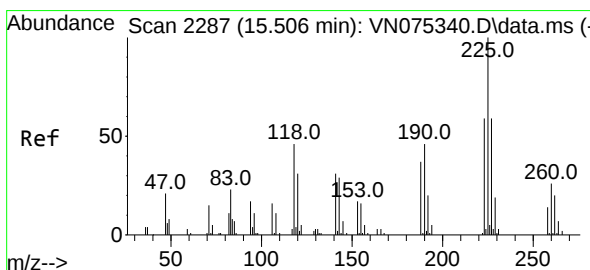
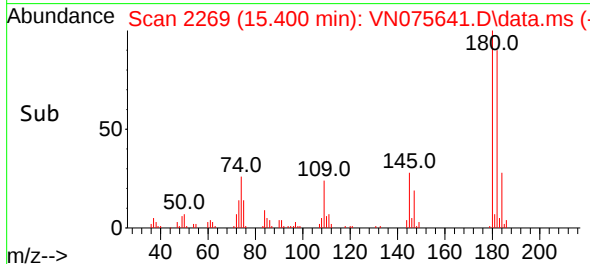
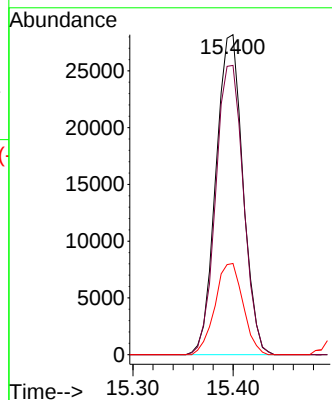
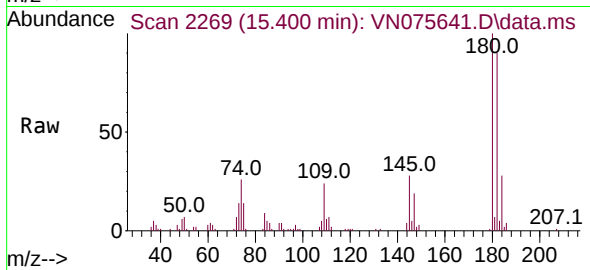
Tgt Ion:180 Resp: 52741

Ion Ratio Lower Upper

180 100

182 93.0 47.8 143.4

145 29.5 16.8 50.3



#94

Hexachlorobutadiene

Concen: 23.510 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

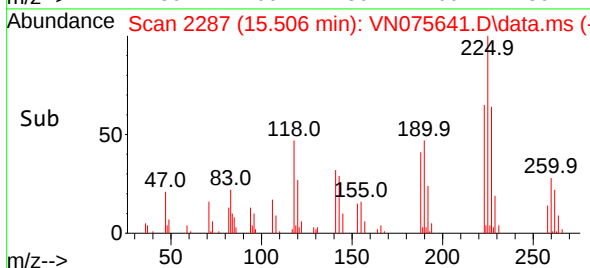
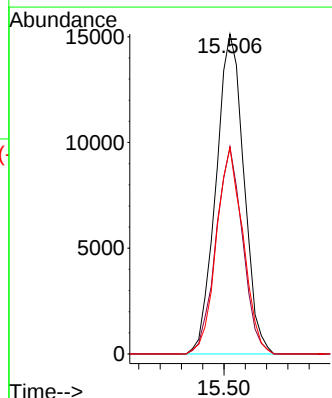
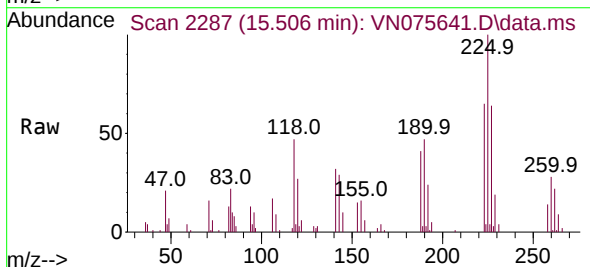
Tgt Ion:225 Resp: 27461

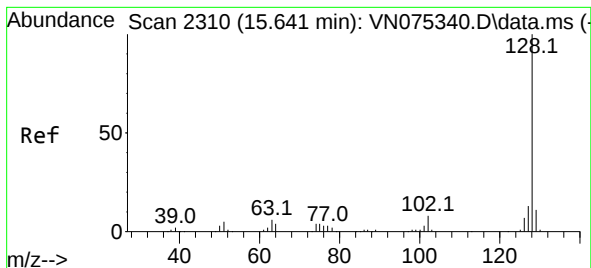
Ion Ratio Lower Upper

225 100

223 61.9 32.3 96.9

227 61.8 32.0 96.2





#95

Naphthalene

Concen: 21.443 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

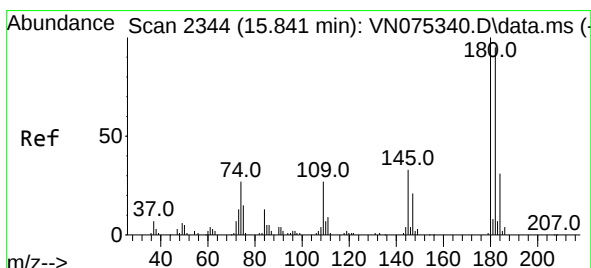
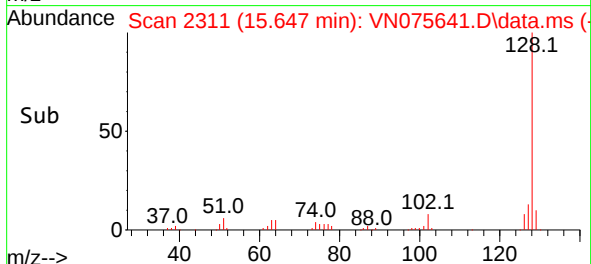
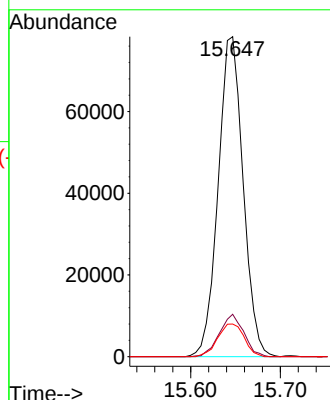
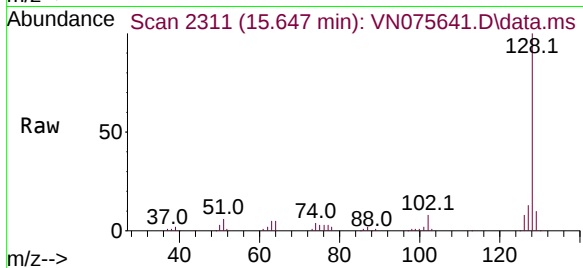
Tgt Ion:128 Resp: 151277

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 22.615 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075641.D

Acq: 08 Dec 2022 12:32

Tgt Ion:180 Resp: 49844

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.8

145 32.4 17.6 52.9

