

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075961.D
 Acq On : 23 Dec 2022 13:09
 Operator : JC\MD
 Sample : VN1223MBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBS01

Quant Time: Dec 26 04:31:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	298942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	487929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	441629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	170595	52.455	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.920%	
35) Dibromofluoromethane	8.171	113	153509	50.803	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.600%	
50) Toluene-d8	10.571	98	577966	51.158	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	12.853	95	194909	52.088	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	37084	17.471	ug/l	99
3) Chloromethane	2.377	50	47388	17.954	ug/l	99
4) Vinyl Chloride	2.530	62	58173	18.477	ug/l	98
5) Bromomethane	2.954	94	47799	17.864	ug/l	99
6) Chloroethane	3.124	64	44768	19.201	ug/l	95
7) Trichlorofluoromethane	3.506	101	89742	18.785	ug/l	96
8) Diethyl Ether	3.977	74	34470	19.755	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	51880	19.018	ug/l	98
10) Methyl Iodide	4.600	142	80004	18.071	ug/l	99
11) Tert butyl alcohol	5.536	59	47012	102.159	ug/l	99
12) 1,1-Dichloroethene	4.348	96	49611	18.725	ug/l	94
13) Acrolein	4.201	56	50296	89.150	ug/l	96
14) Allyl chloride	5.036	41	56993	18.401	ug/l	91
15) Acrylonitrile	5.736	53	129451	103.081	ug/l	99
16) Acetone	4.448	43	102200	91.160	ug/l	98
17) Carbon Disulfide	4.724	76	103233	16.093	ug/l	96
18) Methyl Acetate	5.036	43	69423	20.949	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	176419	20.220	ug/l	97
20) Methylene Chloride	5.289	84	57751	18.858	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	52785	18.192	ug/l	94
22) Diisopropyl ether	6.683	45	157841	20.978	ug/l	98
23) Vinyl Acetate	6.618	43	505570	99.832	ug/l	99
24) 1,1-Dichloroethane	6.577	63	97334	19.397	ug/l	98
25) 2-Butanone	7.494	43	163054	103.873	ug/l	94
26) 2,2-Dichloropropane	7.506	77	78521	18.478	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	66546	19.176	ug/l	98
28) Bromochloromethane	7.818	49	38673	17.584	ug/l	99
29) Tetrahydrofuran	7.847	42	108931	110.734	ug/l	96
30) Chloroform	7.977	83	109340	19.353	ug/l	96
31) Cyclohexane	8.265	56	83989	18.032	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	98416	19.649	ug/l	95
36) 1,1-Dichloropropene	8.377	75	73058	18.201	ug/l	98
37) Ethyl Acetate	7.565	43	66870	20.740	ug/l	98
38) Carbon Tetrachloride	8.365	117	85816	19.102	ug/l	98
39) Methylcyclohexane	9.606	83	91052	18.802	ug/l	98
40) Benzene	8.612	78	237276	19.159	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	34088	20.340	ug/l	95
42) 1,2-Dichloroethane	8.677	62	81084	19.693	ug/l	98
43) Isopropyl Acetate	8.694	43	110578	20.791	ug/l	99
44) Trichloroethene	9.359	130	62083	17.794	ug/l	99
45) 1,2-Dichloropropane	9.630	63	58041	19.259	ug/l	98
46) Dibromomethane	9.712	93	42706	19.105	ug/l	99
47) Bromodichloromethane	9.894	83	85892	19.594	ug/l	98
48) Methyl methacrylate	9.688	41	51140	21.349	ug/l	97
49) 1,4-Dioxane	9.700	88	25529	433.499	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	354564	110.234	ug/l	99
52) Toluene	10.635	92	158216	19.616	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	85408	19.904	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	93833	19.917	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	63994	20.214	ug/l	97
56) Ethyl methacrylate	10.877	69	88150	20.963	ug/l	97
57) 1,3-Dichloropropane	11.165	76	103134	19.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	126939	94.814	ug/l	99
59) 2-Hexanone	11.200	43	258592	110.243	ug/l	99
60) Dibromochloromethane	11.365	129	68927	19.577	ug/l	100
61) 1,2-Dibromoethane	11.471	107	63632	19.862	ug/l	99
64) Tetrachloroethene	11.106	164	58630	18.866	ug/l	97
65) Chlorobenzene	11.894	112	167716	18.503	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	66712	19.870	ug/l	97
67) Ethyl Benzene	11.971	91	298933	19.540	ug/l	99
68) m/p-Xylenes	12.076	106	242590	40.064	ug/l	97
69) o-Xylene	12.400	106	118375	19.755	ug/l	100
70) Styrene	12.418	104	194116	20.374	ug/l	98
71) Bromoform	12.582	173	48997	20.056	ug/l #	100
73) Isopropylbenzene	12.700	105	309415	20.147	ug/l	100
74) N-amyl acetate	12.500	43	94705	21.020	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	92770	19.540	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	108921	25.425	ug/l	72
77) Bromobenzene	12.982	156	74739	19.229	ug/l	99
78) n-propylbenzene	13.041	91	347567	20.518	ug/l	99
79) 2-Chlorotoluene	13.129	91	207704	19.643	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	260245	20.246	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	24048	20.205	ug/l	99
82) 4-Chlorotoluene	13.129	91	207704	19.643	ug/l	99
83) tert-Butylbenzene	13.441	119	237705	20.974	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	265346	20.809	ug/l	100
85) sec-Butylbenzene	13.623	105	326044	20.844	ug/l	100
86) p-Isopropyltoluene	13.735	119	271063	20.826	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	138289	19.261	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	137412	18.735	ug/l	98
89) n-Butylbenzene	14.059	91	204424	19.387	ug/l	100
90) Hexachloroethane	14.341	117	46678	20.048	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	139091	19.668	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15077	17.896	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	62904	17.967	ug/l	100
94) Hexachlorobutadiene	15.512	225	35674	18.676	ug/l	97
95) Naphthalene	15.647	128	189849	17.876	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	62547	19.114	ug/l	99

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ALS Vial : 1 Sample Multiplier: 1

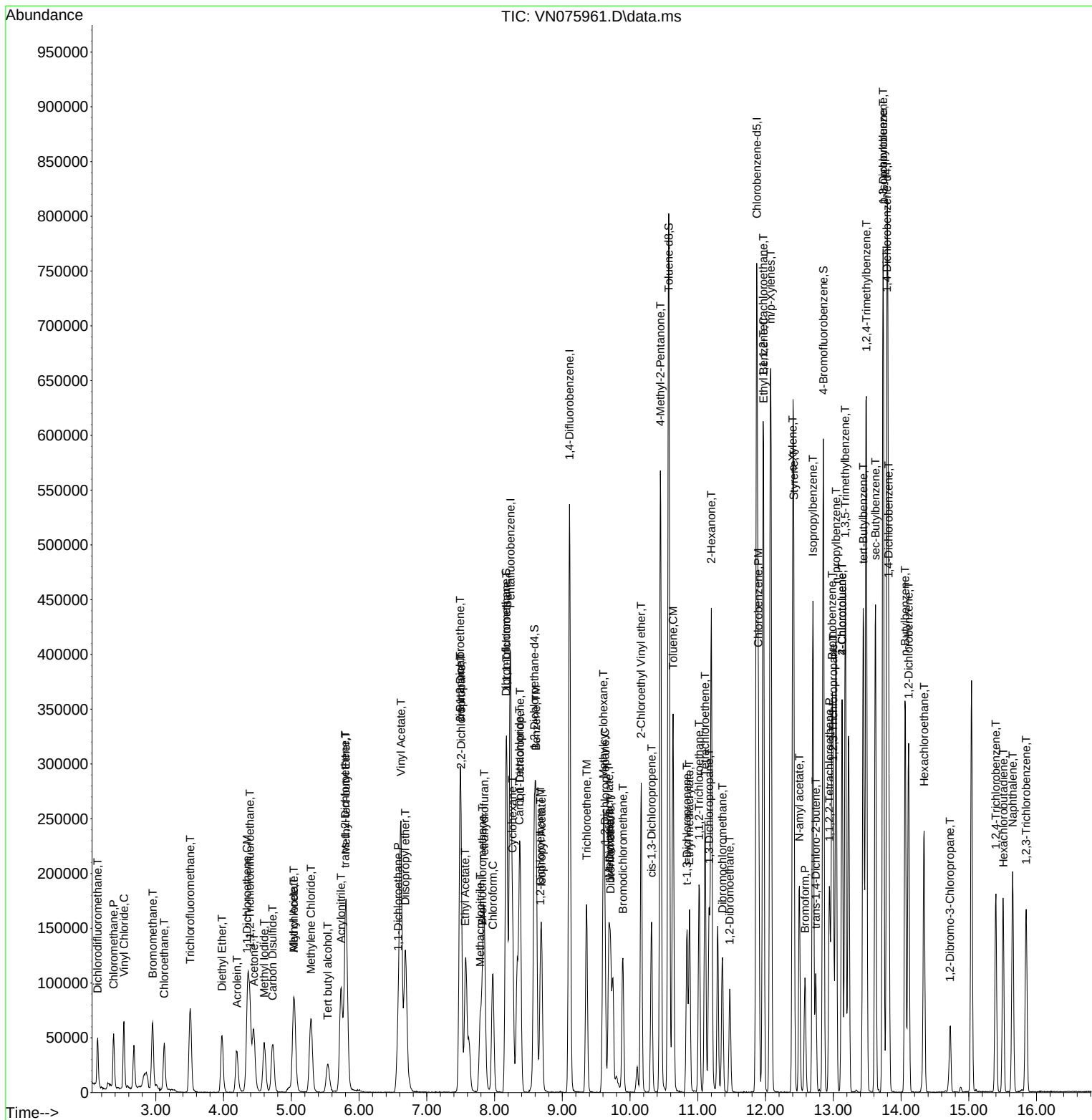
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

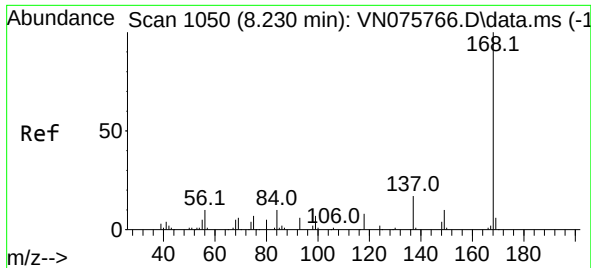
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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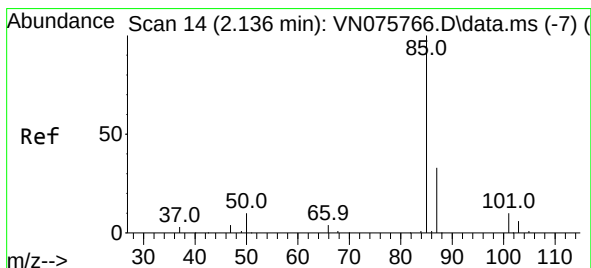
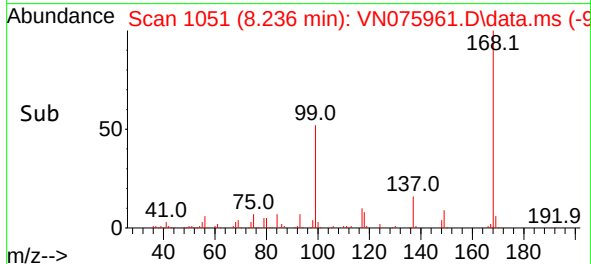
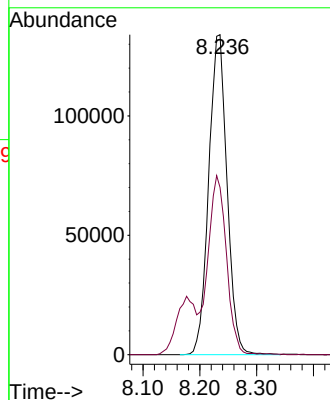
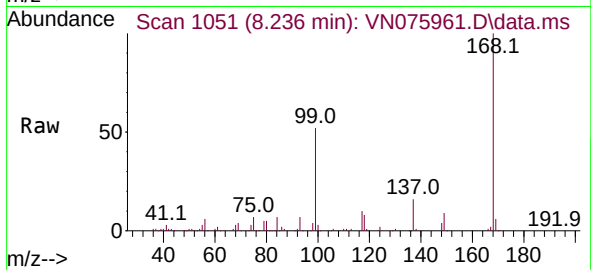




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
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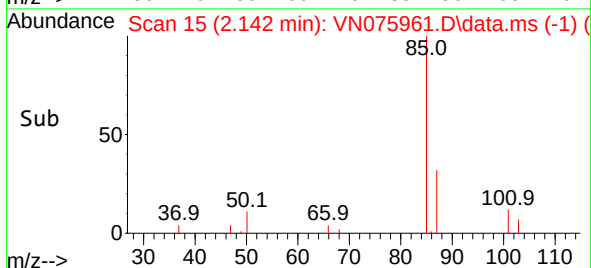
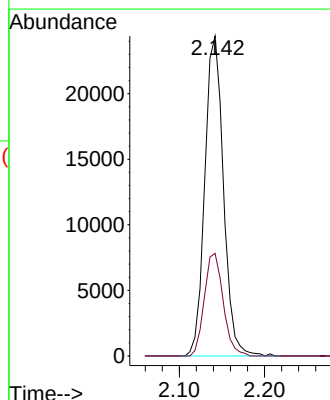
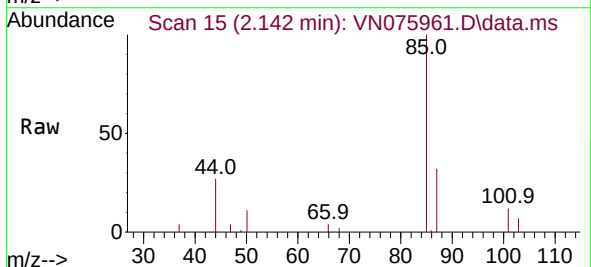
Instrument :
MSVOA_N
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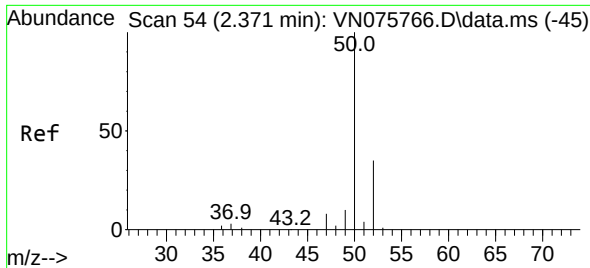
Tgt Ion:168 Resp: 298942
Ion Ratio Lower Upper
168 100
99 52.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 17.471 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 85 Resp: 37084
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9

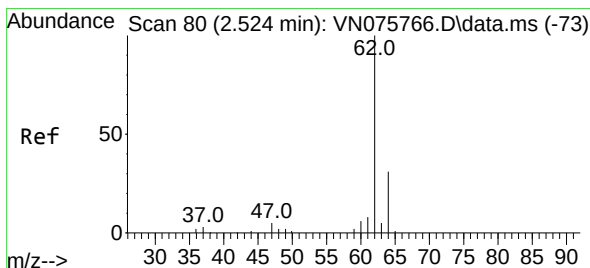
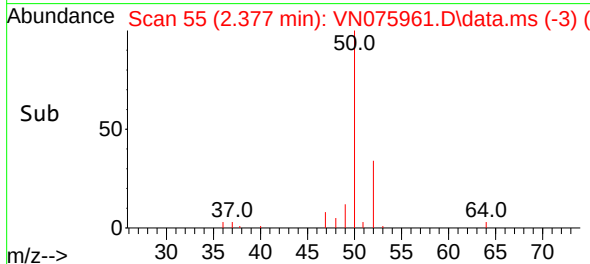
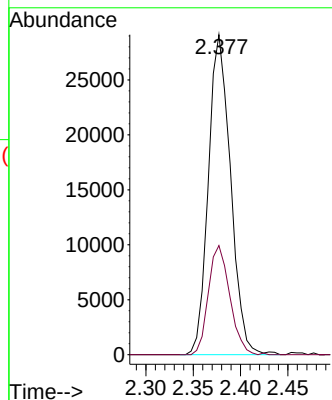
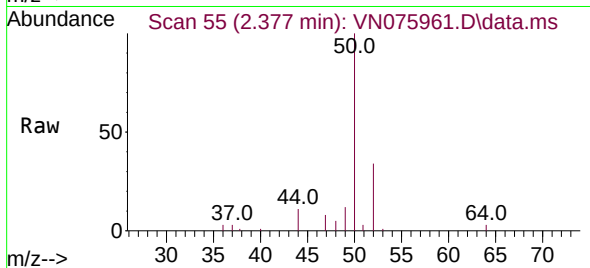




#3
Chloromethane
Concen: 17.954 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

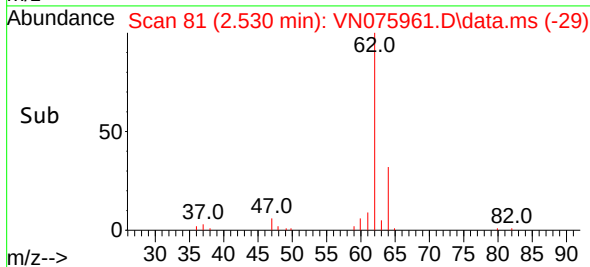
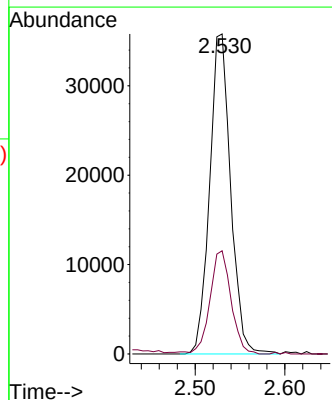
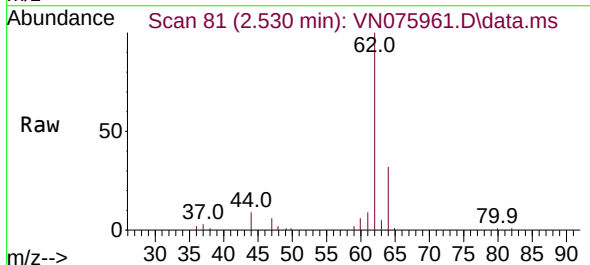
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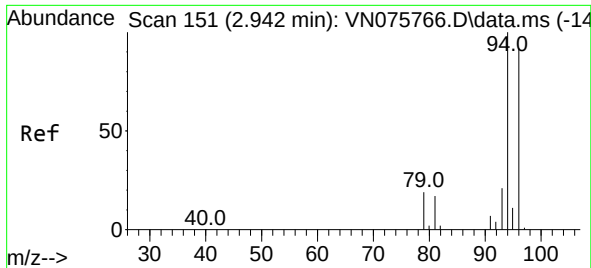
Tgt Ion: 50 Resp: 47388
Ion Ratio Lower Upper
50 100
52 34.1 27.7 41.5



#4
Vinyl Chloride
Concen: 18.477 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 62 Resp: 58173
Ion Ratio Lower Upper
62 100
64 32.2 24.9 37.3

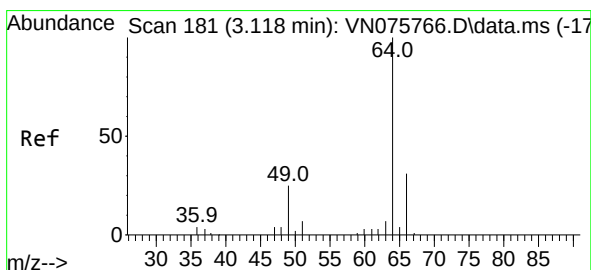
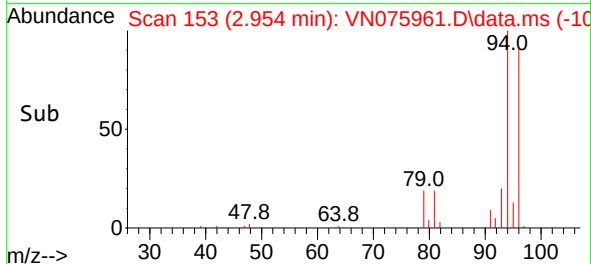
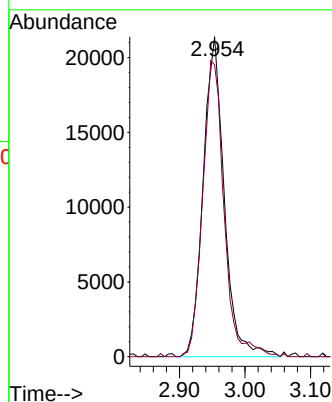
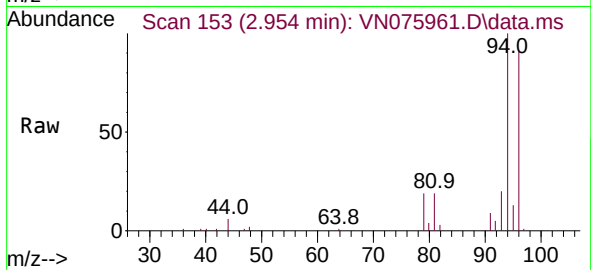




#5
Bromomethane
Concen: 17.864 ug/l
RT: 2.954 min Scan# 153
Delta R.T. 0.012 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

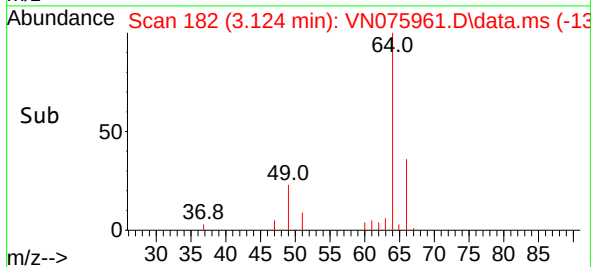
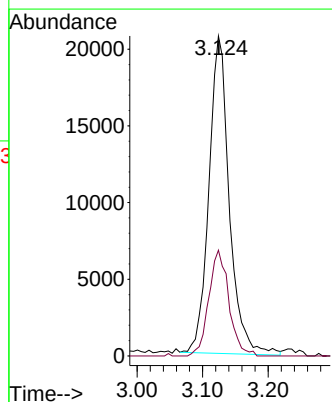
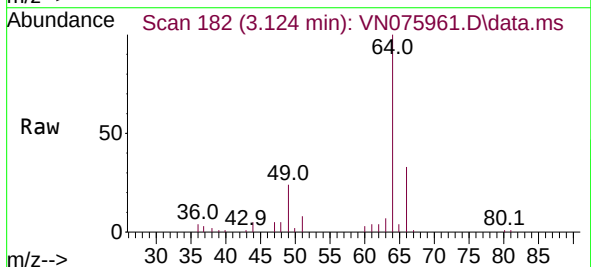
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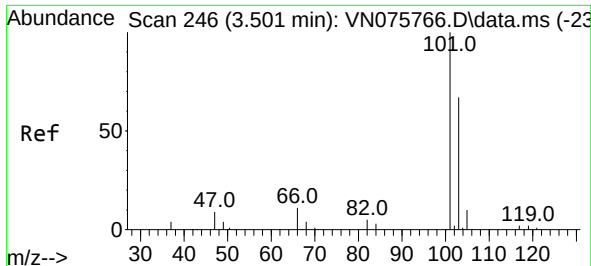
Tgt Ion: 94 Resp: 47799
Ion Ratio Lower Upper
94 100
96 91.2 73.8 110.6



#6
Chloroethane
Concen: 19.201 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 64 Resp: 44768
Ion Ratio Lower Upper
64 100
66 33.4 24.6 36.8

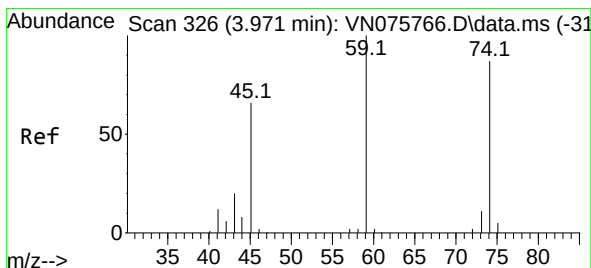
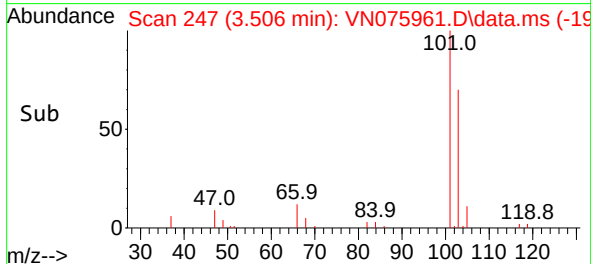
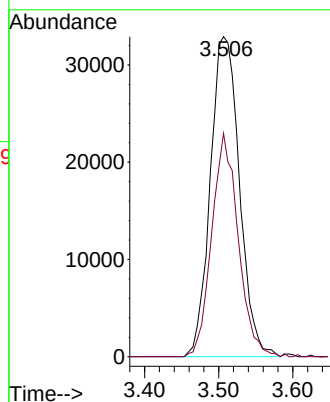
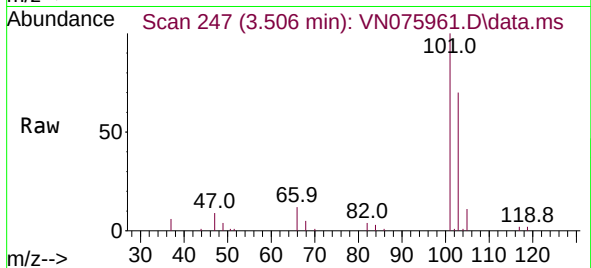




#7
 Trichlorofluoromethane
 Concen: 18.785 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075961.D
 Acq: 23 Dec 2022 13:09

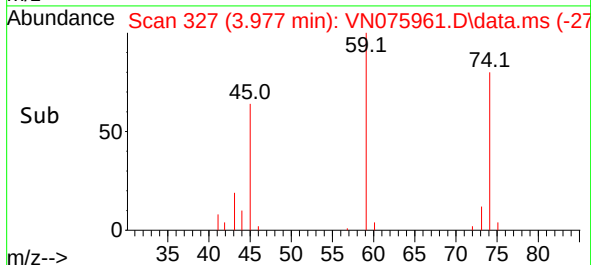
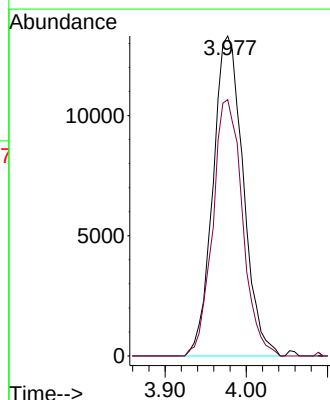
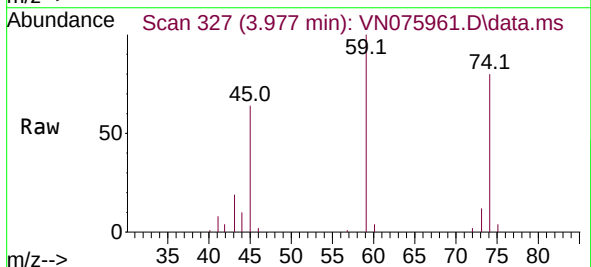
Instrument :
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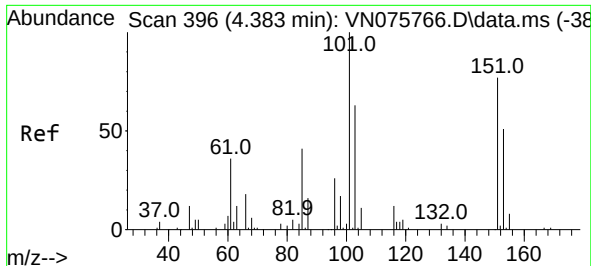
Tgt Ion:101 Resp: 89742
 Ion Ratio Lower Upper
 101 100
 103 69.8 53.4 80.2



#8
 Diethyl Ether
 Concen: 19.755 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075961.D
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Tgt Ion: 74 Resp: 34470
 Ion Ratio Lower Upper
 74 100
 45 78.6 37.8 113.4

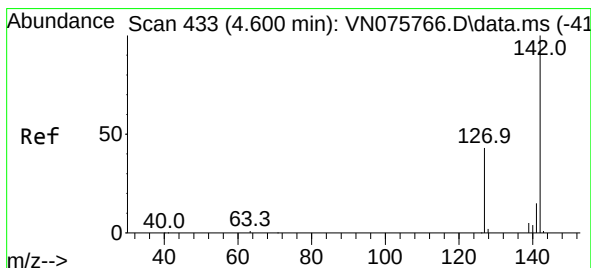
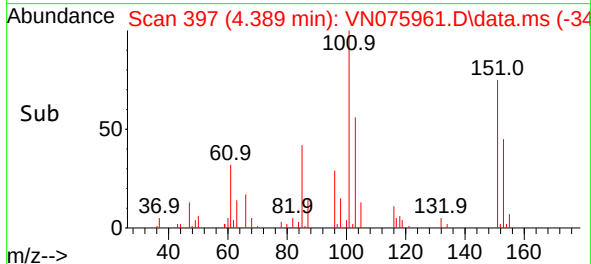
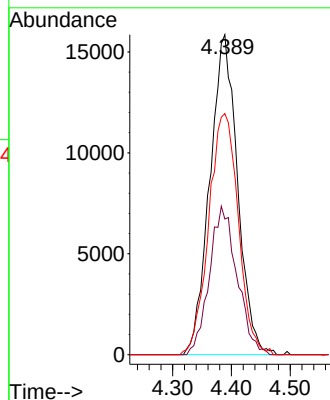
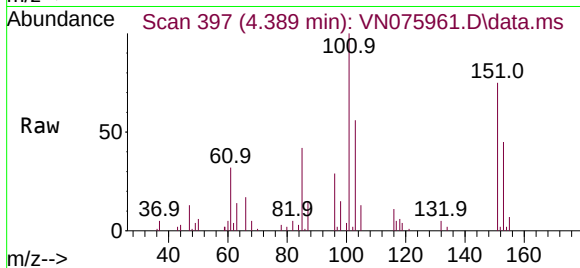




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.018 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075961.D
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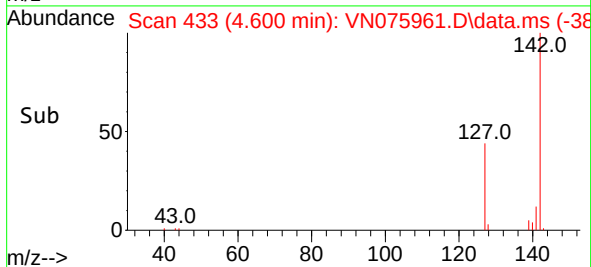
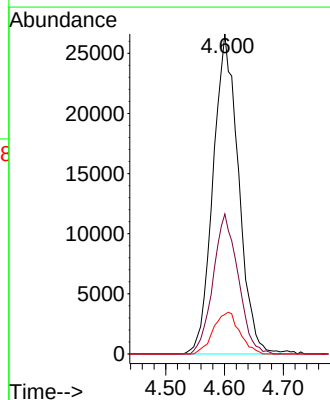
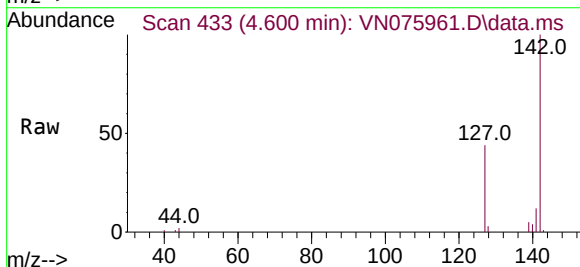
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

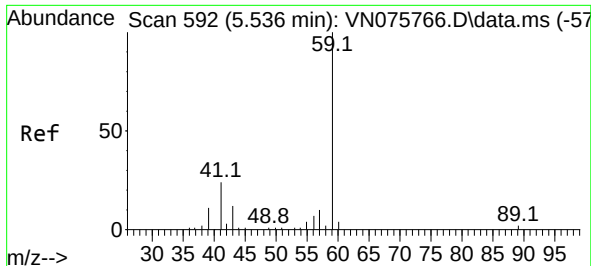
Tgt Ion:101 Resp: 51880
Ion Ratio Lower Upper
101 100
85 46.3 35.3 52.9
151 80.4 65.6 98.4



#10
Methyl Iodide
Concen: 18.071 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion:142 Resp: 80004
Ion Ratio Lower Upper
142 100
127 43.0 34.7 52.1
141 13.4 11.4 17.2

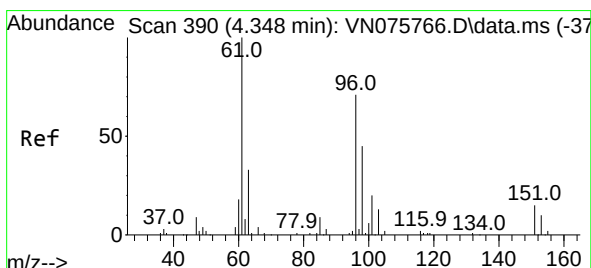
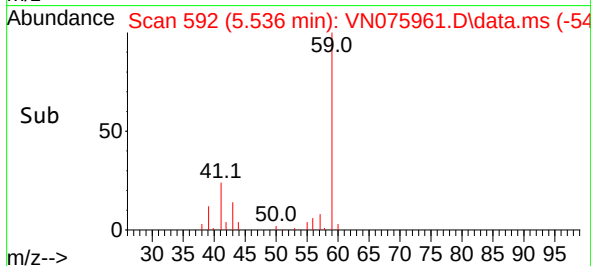
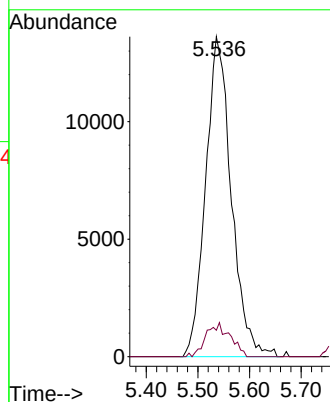
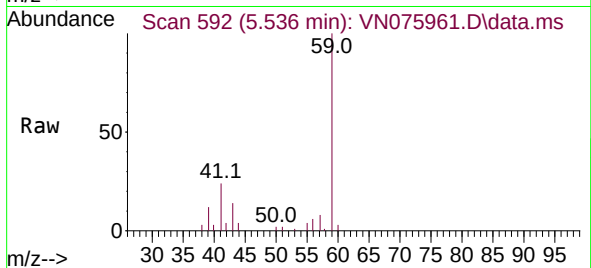




#11
Tert butyl alcohol
Concen: 102.159 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

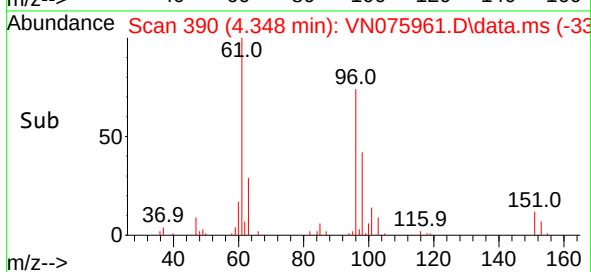
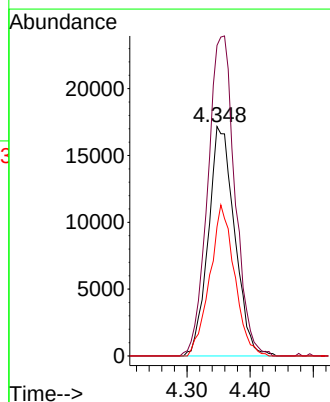
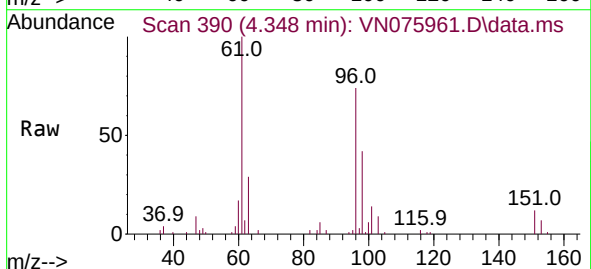
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

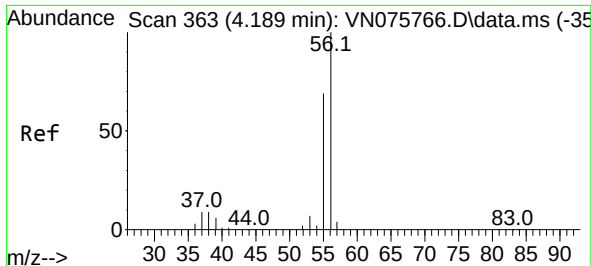
Tgt Ion: 59 Resp: 47012
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.725 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 96 Resp: 49611
Ion Ratio Lower Upper
96 100
61 135.4 113.3 169.9
98 56.3 50.9 76.3





#13

Acrolein

Concen: 89.150 ug/l

RT: 4.201 min Scan# 3

Delta R.T. 0.012 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

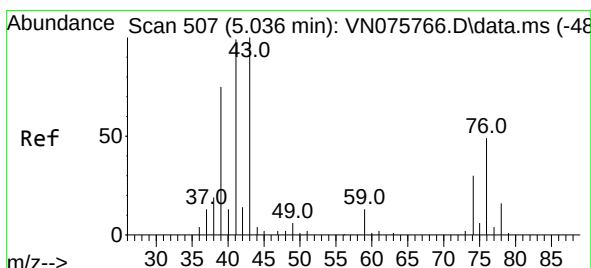
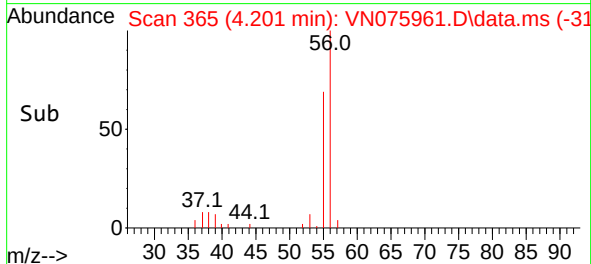
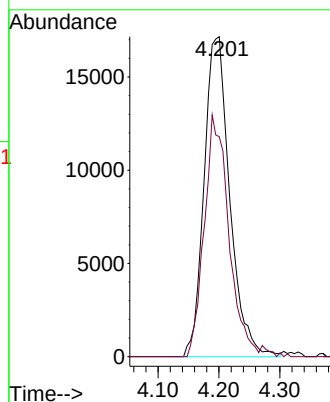
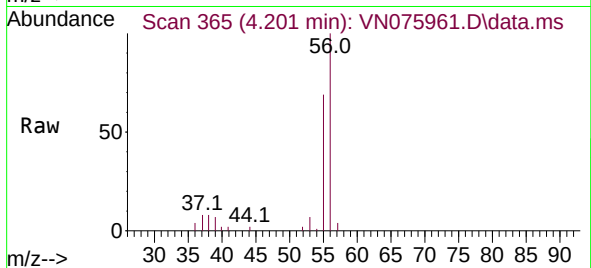
VN1223MBS01

Tgt Ion: 56 Resp: 50296

Ion Ratio Lower Upper

56 100

55 71.8 54.8 82.2



#14

Allyl chloride

Concen: 18.401 ug/l

RT: 5.036 min Scan# 507

Delta R.T. 0.000 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

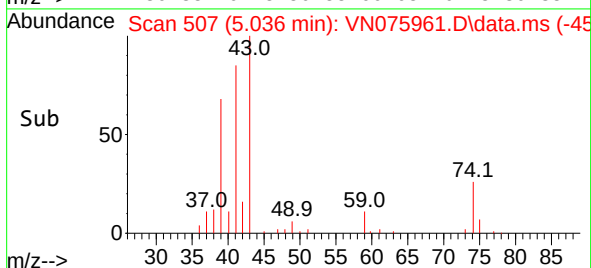
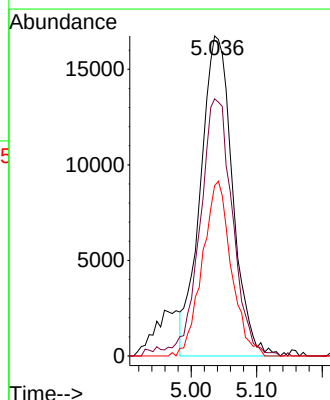
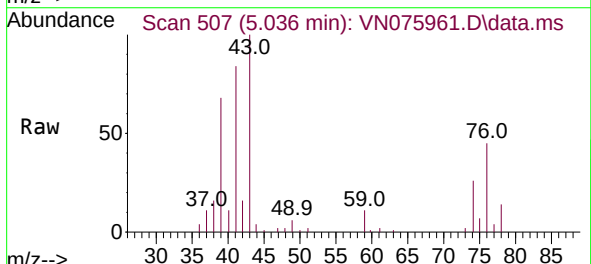
Tgt Ion: 41 Resp: 56993

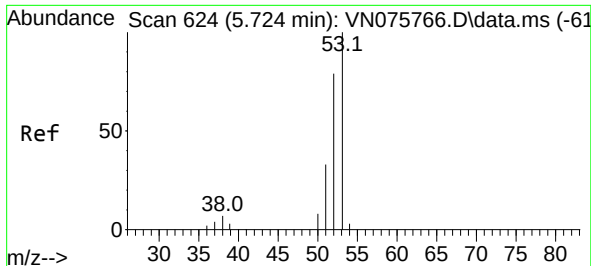
Ion Ratio Lower Upper

41 100

39 81.1 58.3 87.5

76 49.4 35.8 53.6





#15

Acrylonitrile

Concen: 103.081 ug/l

RT: 5.736 min Scan# 61

Delta R.T. 0.012 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS01

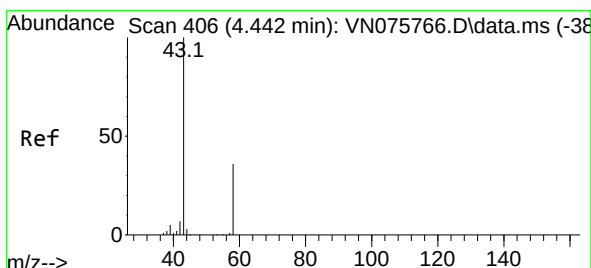
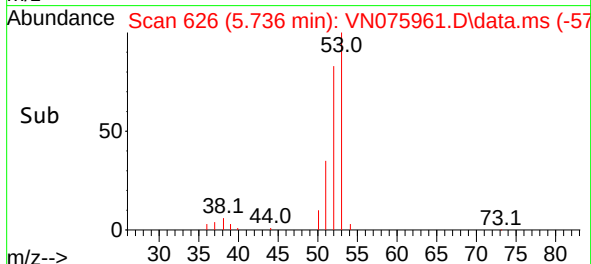
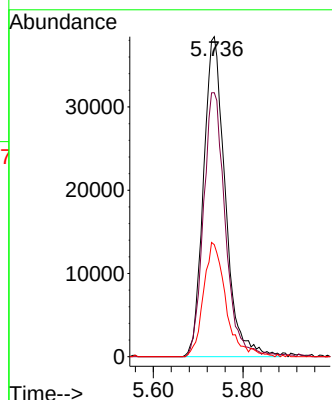
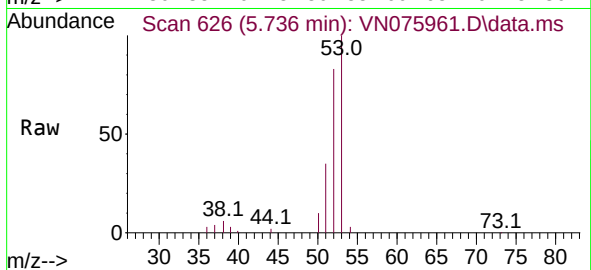
Tgt Ion: 53 Resp: 129451

Ion Ratio Lower Upper

53 100

52 82.0 65.4 98.0

51 35.5 28.9 43.3



#16

Acetone

Concen: 91.160 ug/l

RT: 4.448 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN075961.D

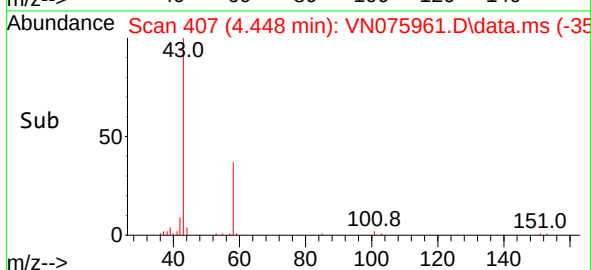
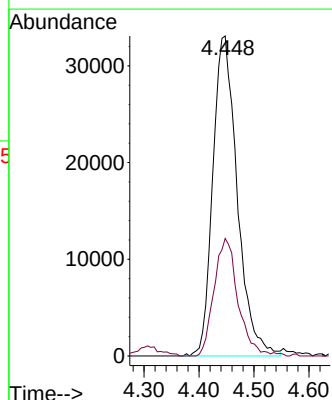
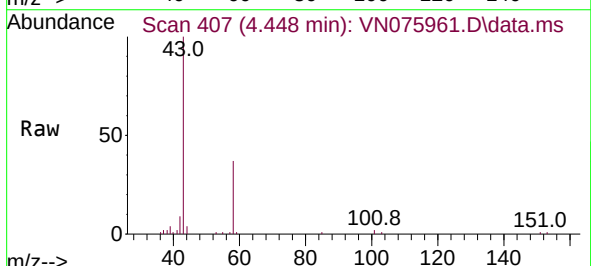
Acq: 23 Dec 2022 13:09

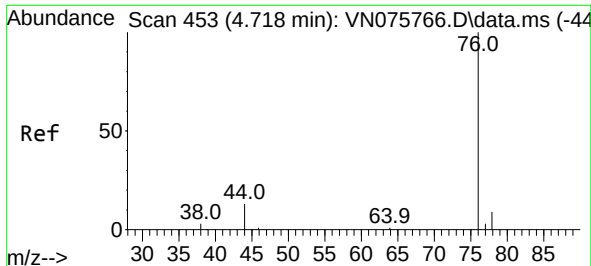
Tgt Ion: 43 Resp: 102200

Ion Ratio Lower Upper

43 100

58 36.7 28.6 43.0

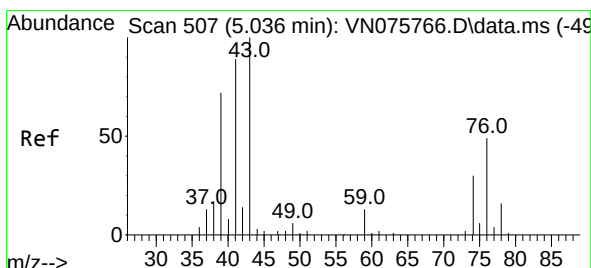
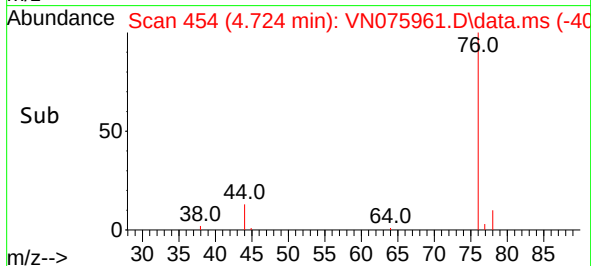
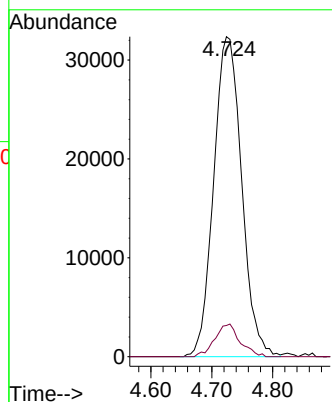
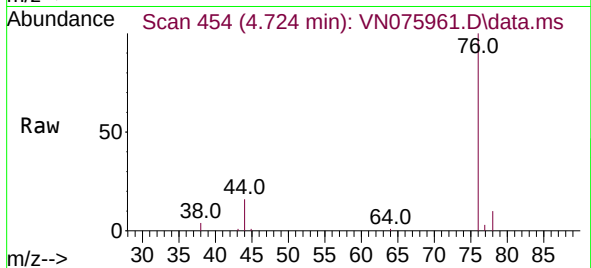




#17
Carbon Disulfide
Concen: 16.093 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

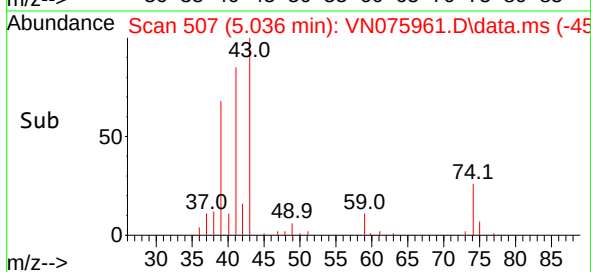
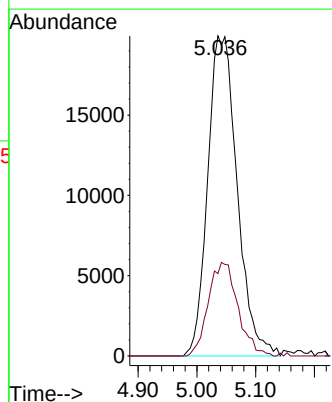
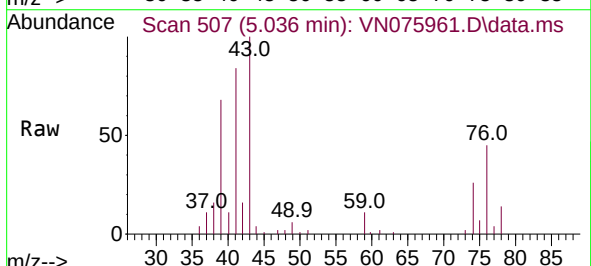
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

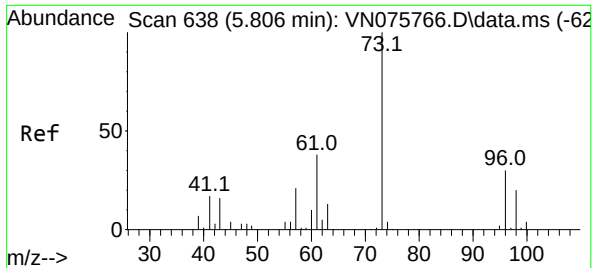
Tgt Ion: 76 Resp: 103233
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 20.949 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 43 Resp: 69423
Ion Ratio Lower Upper
43 100
74 29.3 23.6 35.4

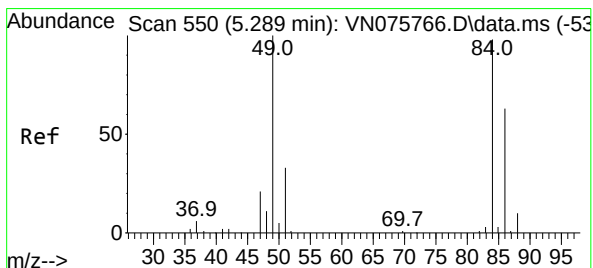
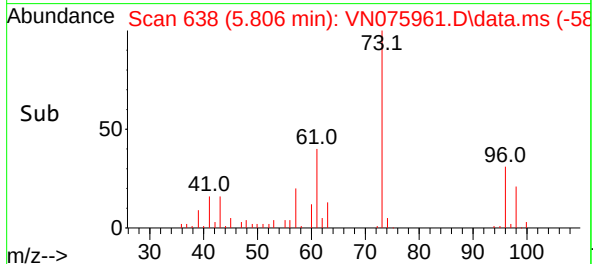
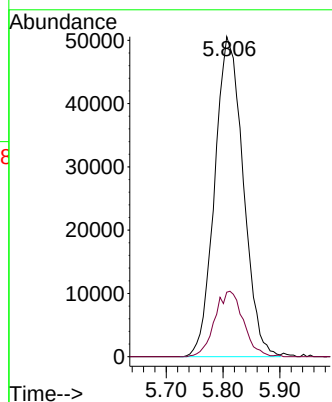
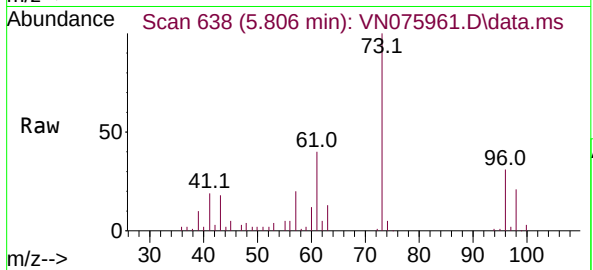




#19
Methyl tert-butyl Ether
Concen: 20.220 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

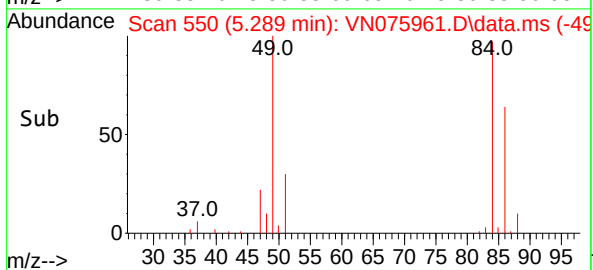
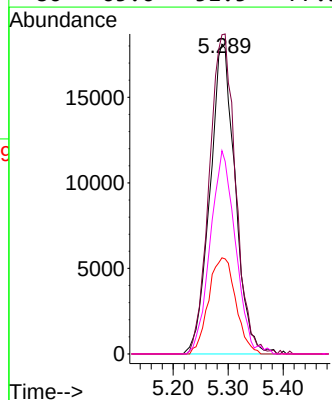
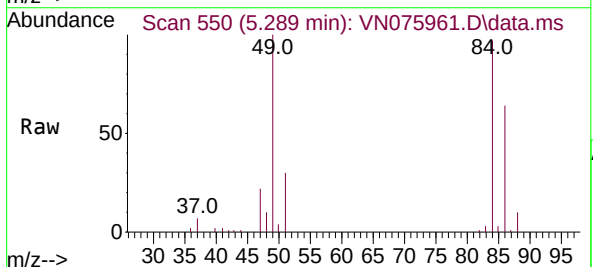
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

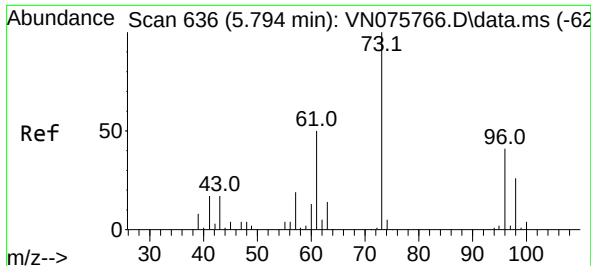
Tgt Ion: 73 Resp: 176419
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7



#20
Methylene Chloride
Concen: 18.858 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 84 Resp: 57751
Ion Ratio Lower Upper
84 100
49 103.0 81.8 122.6
51 31.1 26.7 40.1
86 65.6 51.5 77.3

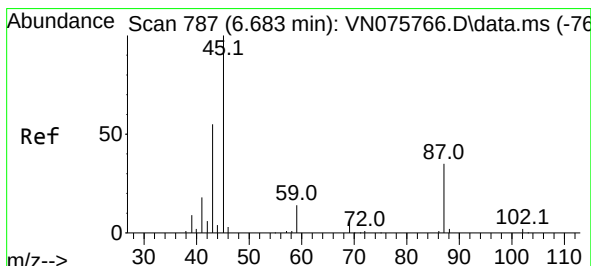
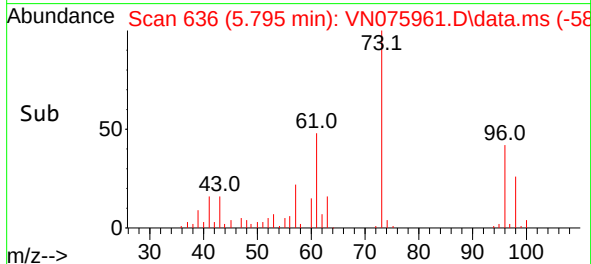
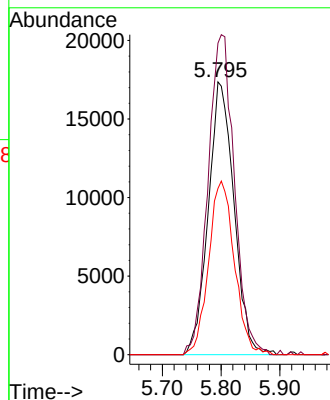
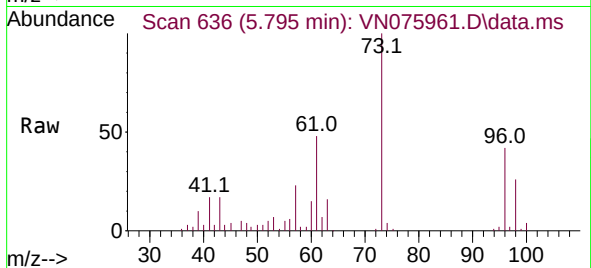




#21
trans-1,2-Dichloroethene
Concen: 18.192 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

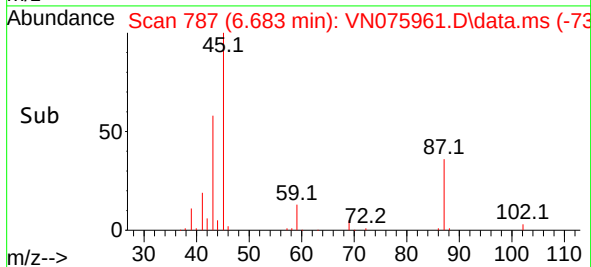
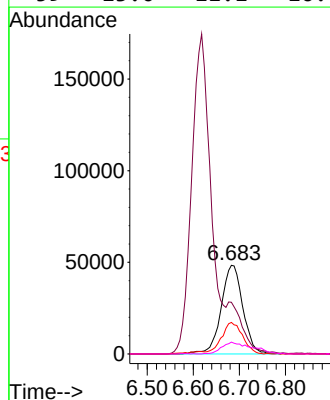
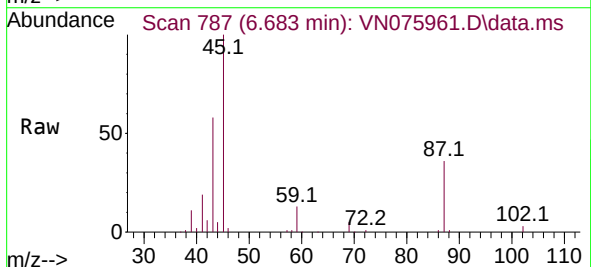
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

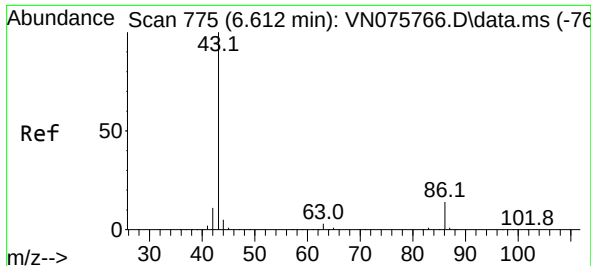
Tgt Ion: 96 Resp: 52785
Ion Ratio Lower Upper
96 100
61 114.1 98.1 147.1
98 60.9 51.4 77.2



#22
Diisopropyl ether
Concen: 20.978 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 45 Resp: 157841
Ion Ratio Lower Upper
45 100
43 57.3 44.2 66.4
87 35.5 28.3 42.5
59 13.0 11.1 16.7

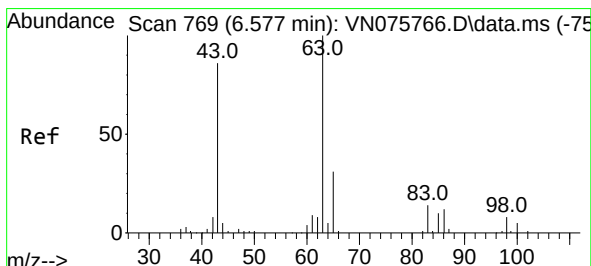
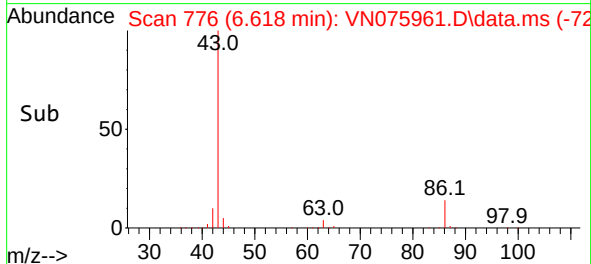
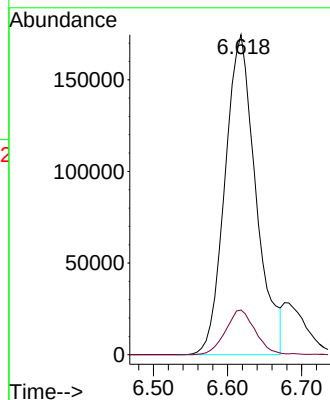
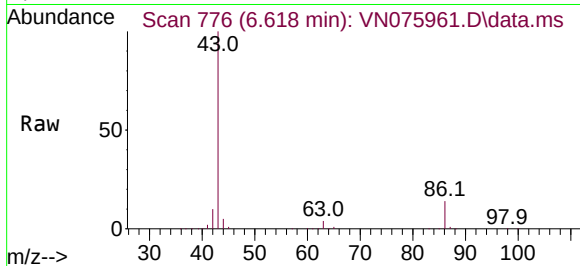




#23
 Vinyl Acetate
 Concen: 99.832 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075961.D
 Acq: 23 Dec 2022 13:09

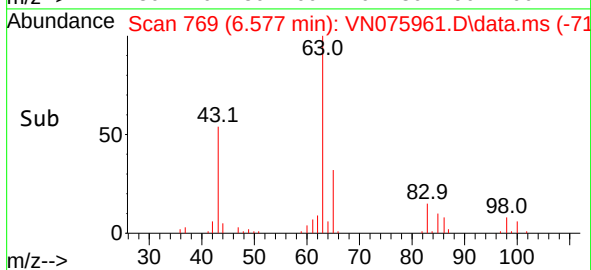
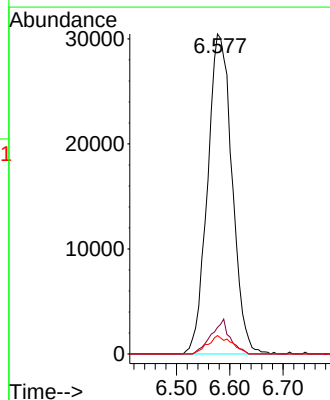
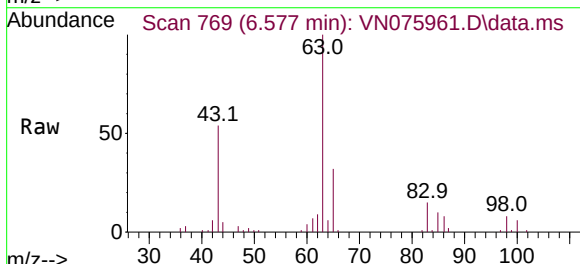
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBS01

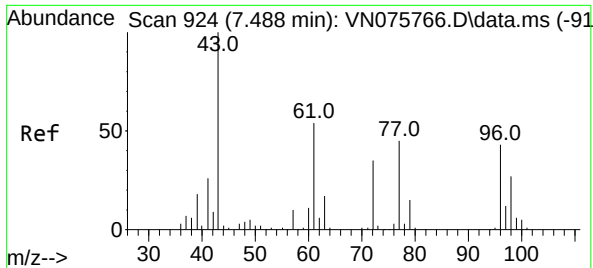
Tgt Ion: 43 Resp: 505570
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 19.397 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075961.D
 Acq: 23 Dec 2022 13:09

Tgt Ion: 63 Resp: 97334
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.5
 100 5.7 2.5 7.6





#25

2-Butanone

Concen: 103.873 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

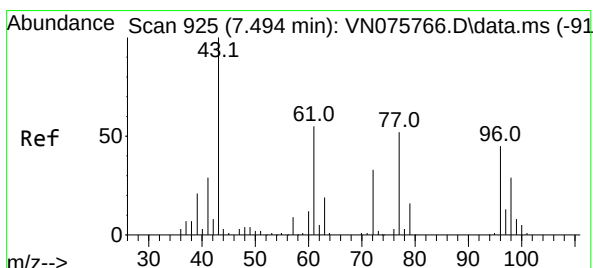
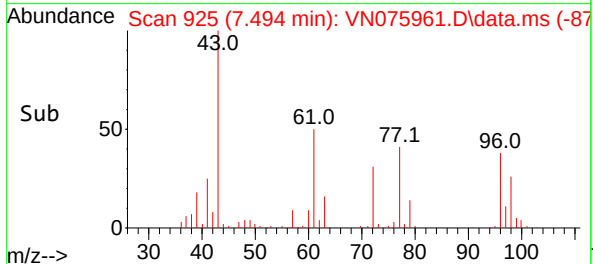
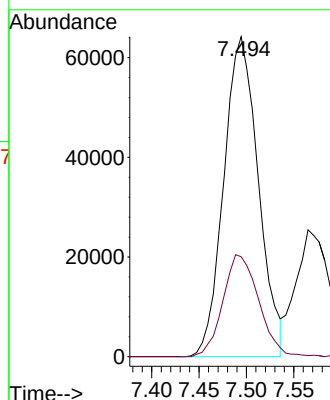
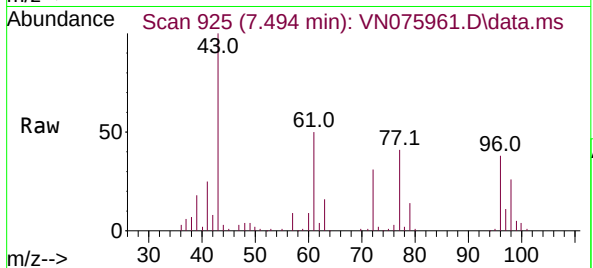
VN1223MBS01

Tgt Ion: 43 Resp: 163054

Ion Ratio Lower Upper

43 100

72 31.3 28.0 42.0



#26

2,2-Dichloropropane

Concen: 18.478 ug/l

RT: 7.506 min Scan# 927

Delta R.T. 0.012 min

Lab File: VN075961.D

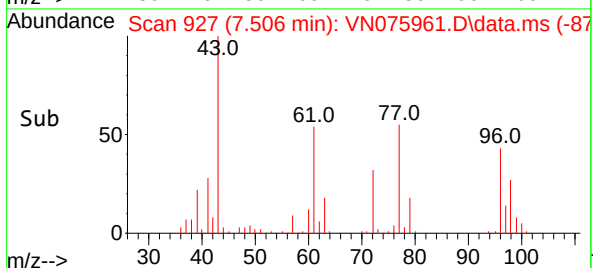
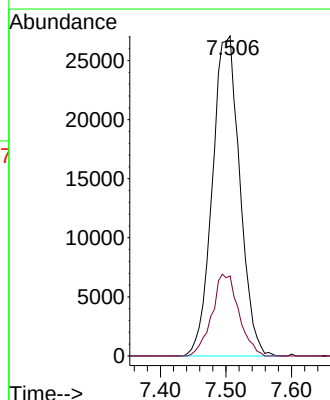
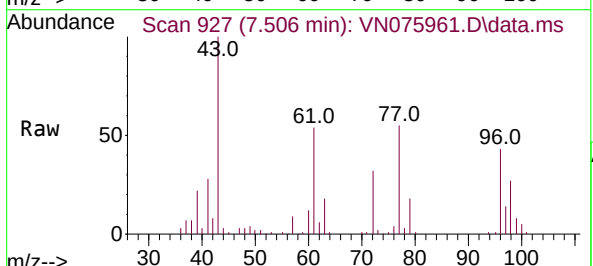
Acq: 23 Dec 2022 13:09

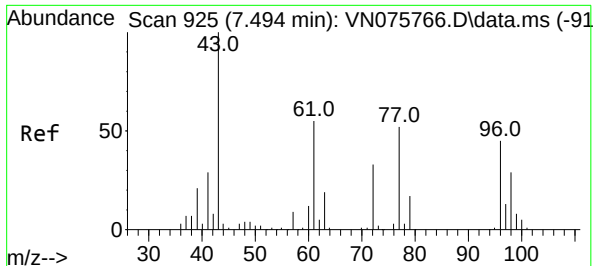
Tgt Ion: 77 Resp: 78521

Ion Ratio Lower Upper

77 100

97 25.1 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 19.176 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS01

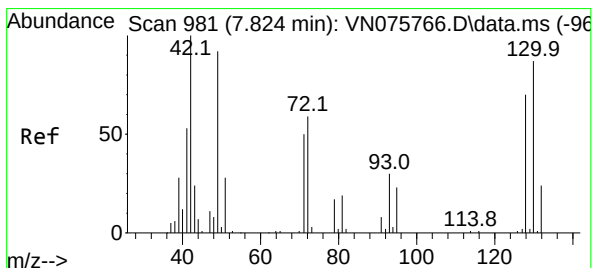
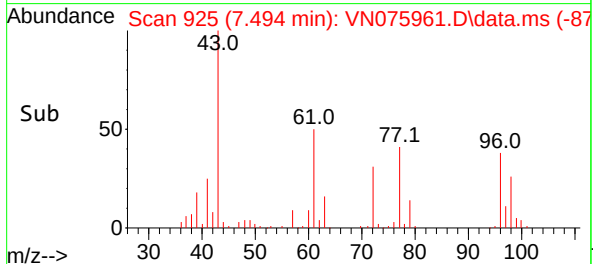
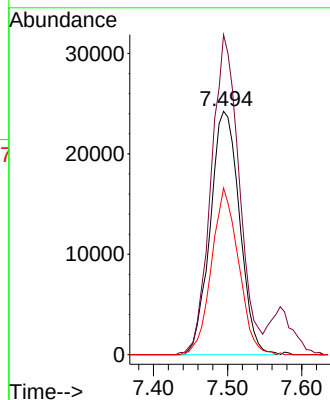
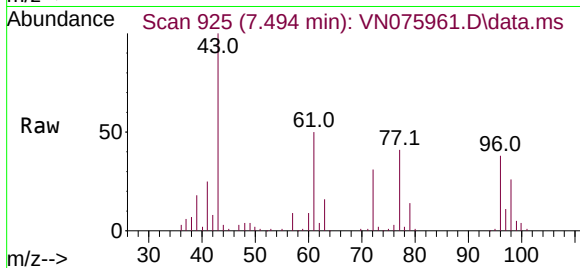
Tgt Ion: 96 Resp: 66546

Ion Ratio Lower Upper

96 100

61 126.1 0.0 247.8

98 63.2 0.0 128.4



#28

Bromochloromethane

Concen: 17.584 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

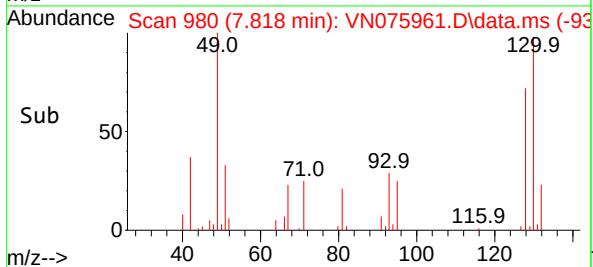
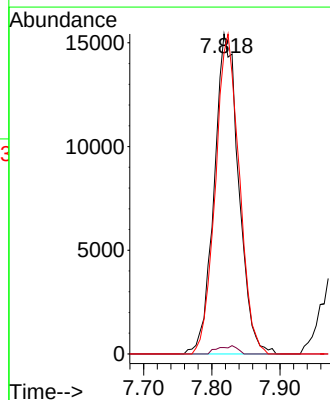
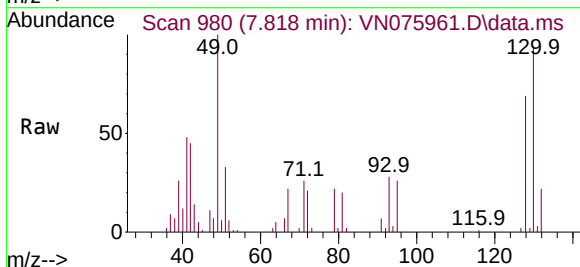
Tgt Ion: 49 Resp: 38673

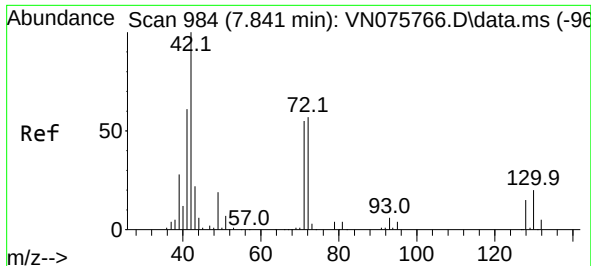
Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.0

130 97.2 77.0 115.4





#29

Tetrahydrofuran

Concen: 110.734 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS01

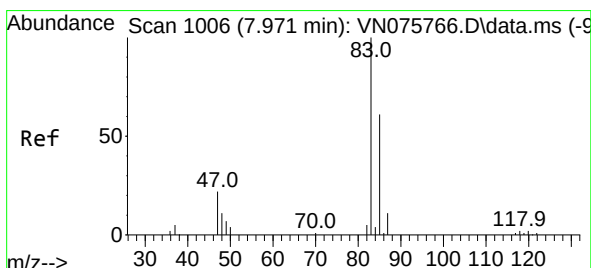
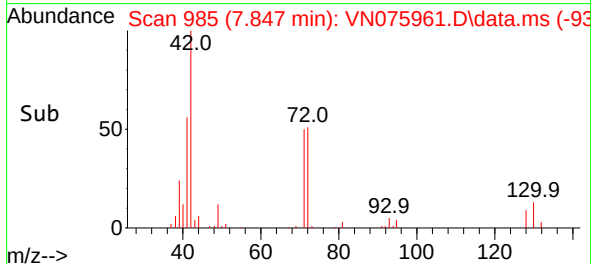
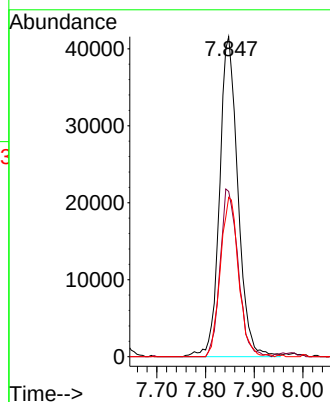
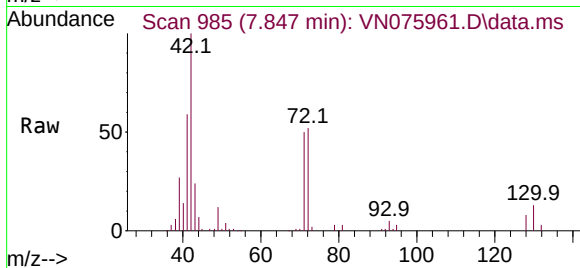
Tgt Ion: 42 Resp: 108931

Ion Ratio Lower Upper

42 100

72 51.5 44.5 66.7

71 49.3 41.0 61.6



#30

Chloroform

Concen: 19.353 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN075961.D

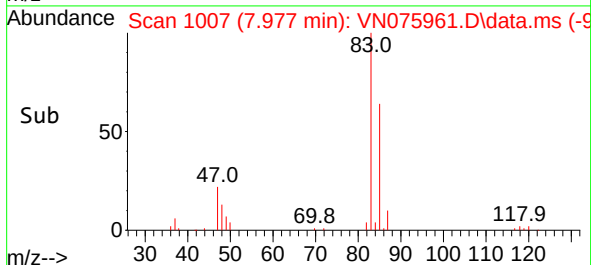
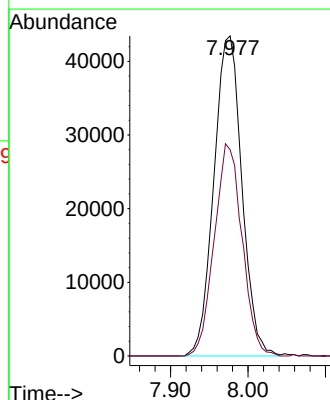
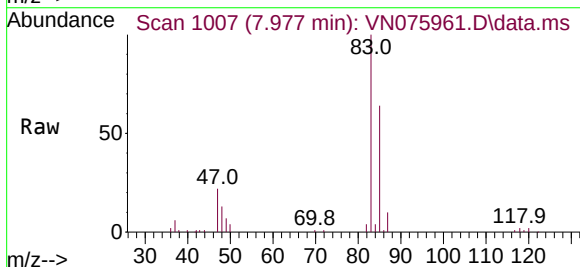
Acq: 23 Dec 2022 13:09

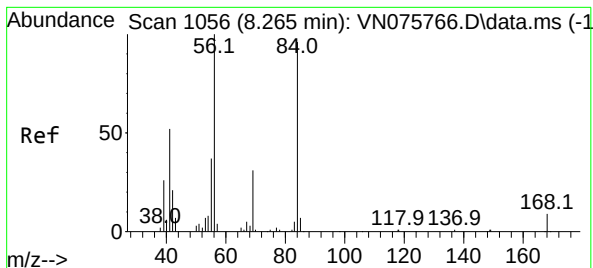
Tgt Ion: 83 Resp: 109340

Ion Ratio Lower Upper

83 100

85 64.5 49.1 73.7





#31

Cyclohexane

Concen: 18.032 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS01

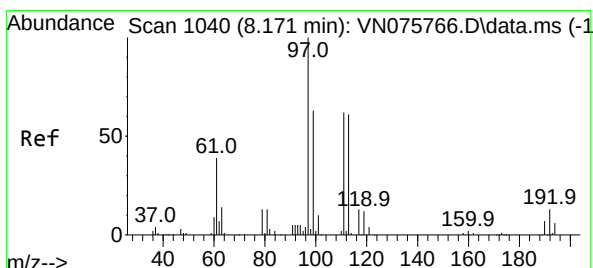
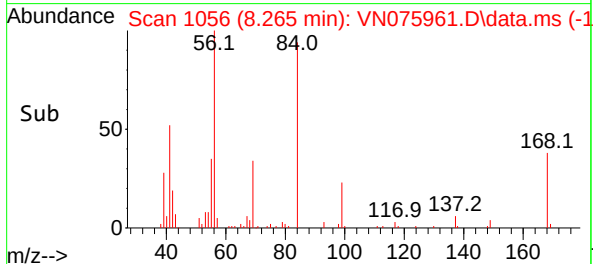
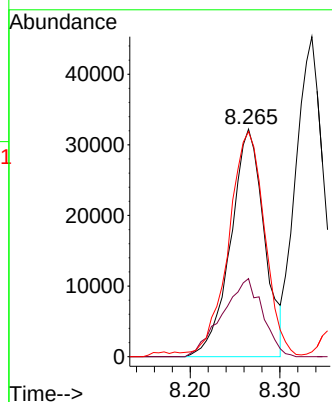
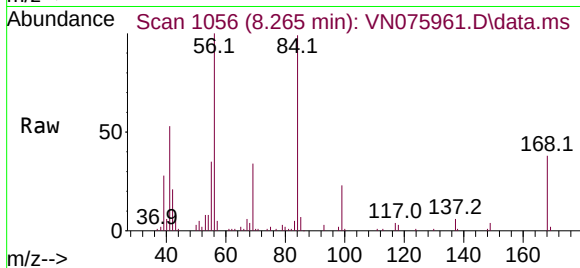
Tgt Ion: 56 Resp: 83989

Ion Ratio Lower Upper

56 100

69 34.3 24.7 37.1

84 97.2 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 19.649 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

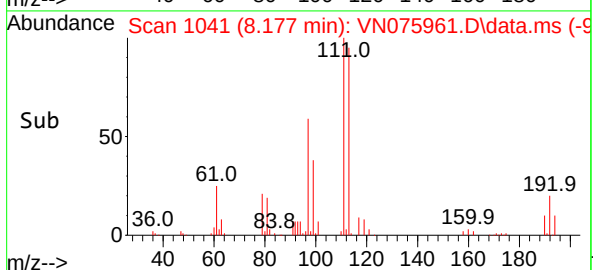
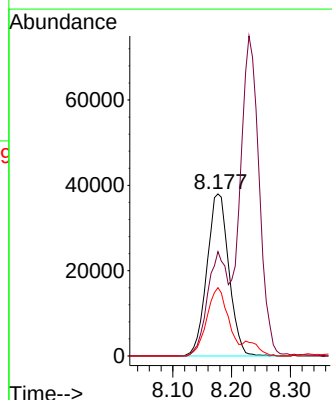
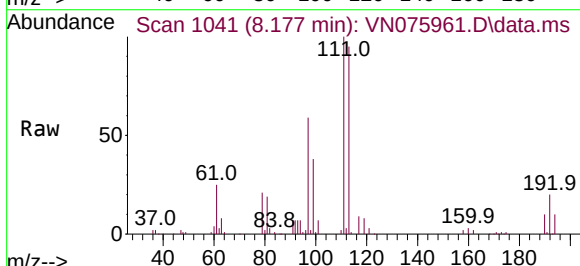
Tgt Ion: 97 Resp: 98416

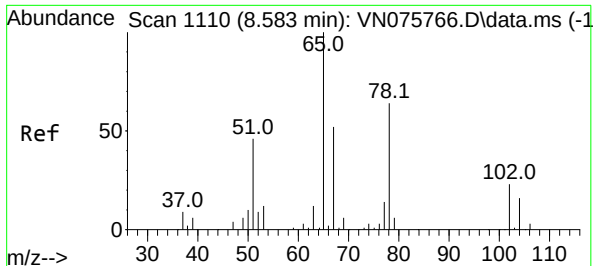
Ion Ratio Lower Upper

97 100

99 56.6 50.2 75.2

61 42.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.455 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

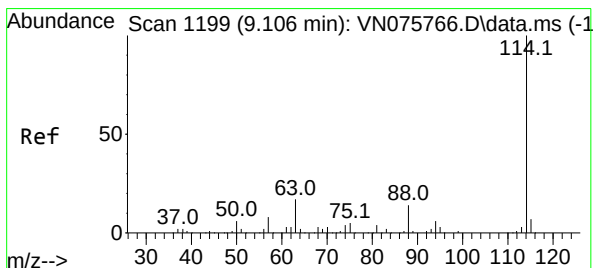
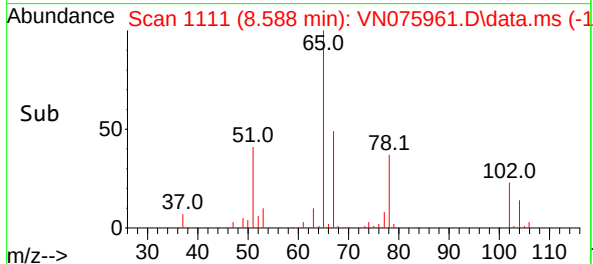
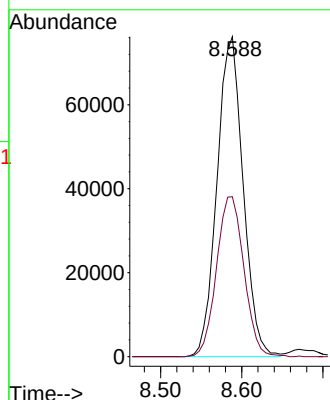
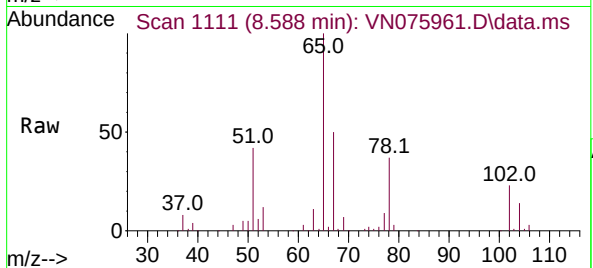
VN1223MBS01

Tgt Ion: 65 Resp: 170595

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

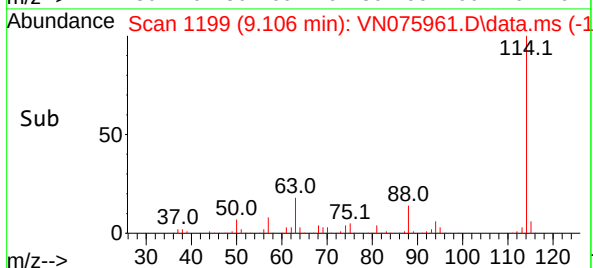
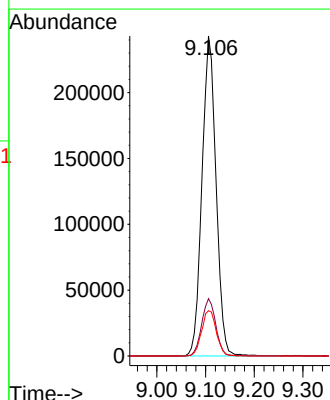
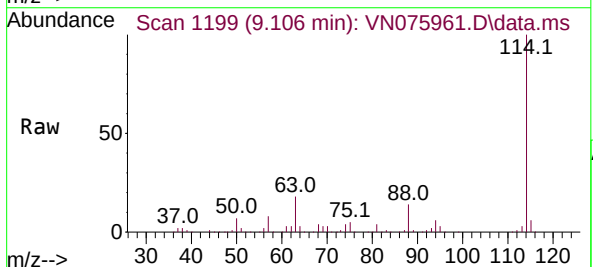
Tgt Ion: 114 Resp: 487929

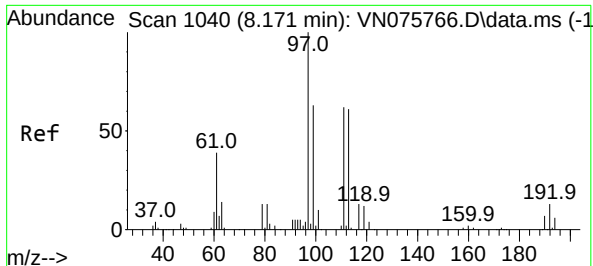
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.2 0.0 28.8

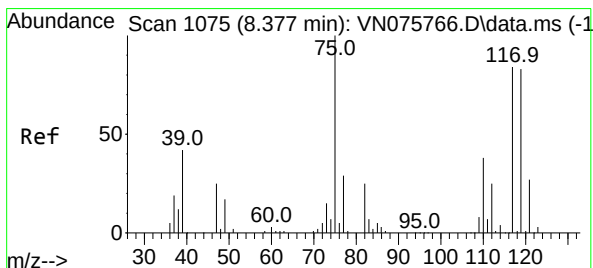
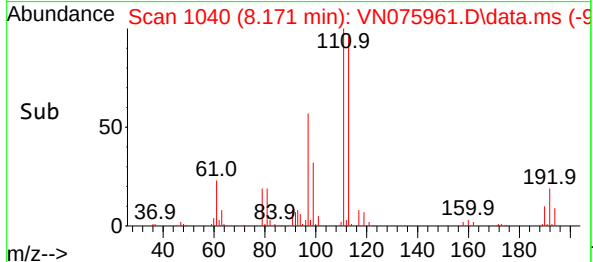
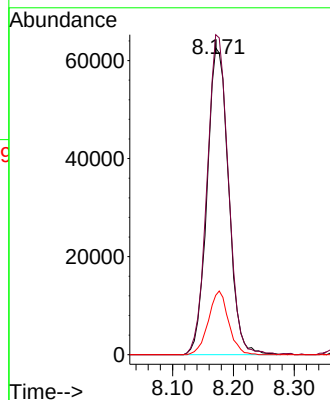
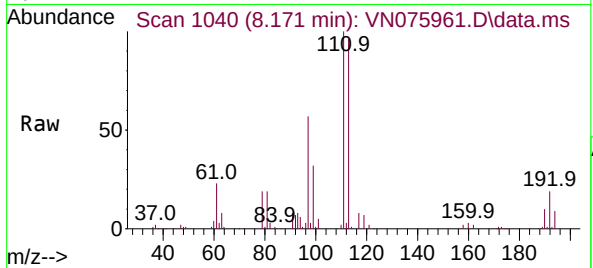




#35
Dibromofluoromethane
Concen: 50.803 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

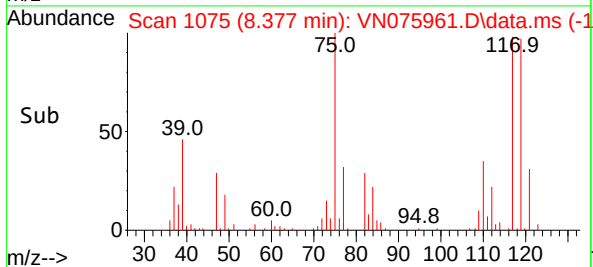
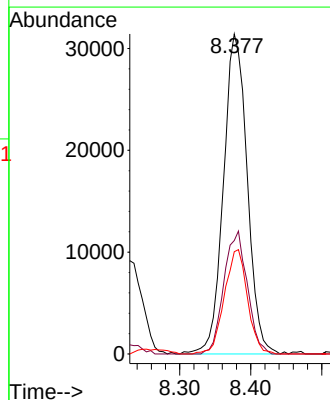
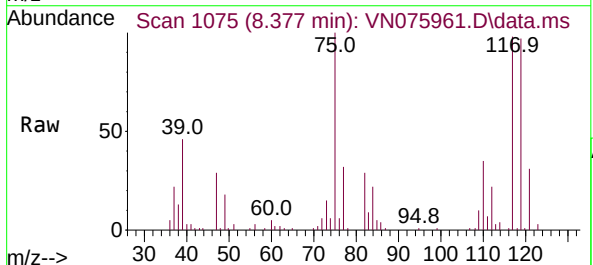
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

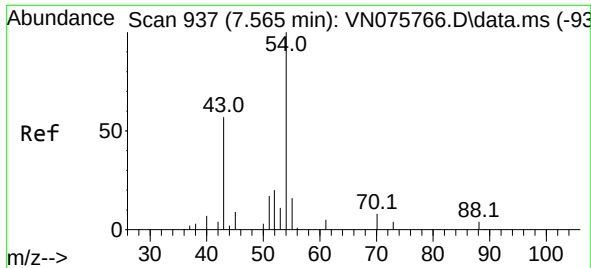
Tgt Ion:113 Resp: 153509
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.2
192 19.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 18.201 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 75 Resp: 73058
Ion Ratio Lower Upper
75 100
110 37.8 18.8 56.4
77 31.7 24.1 36.1

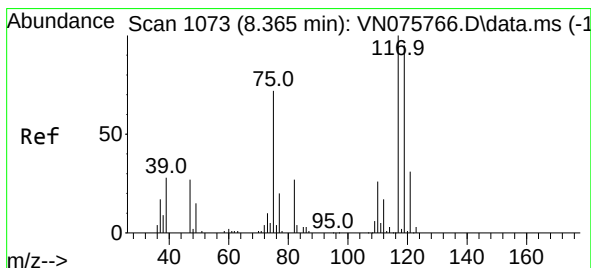
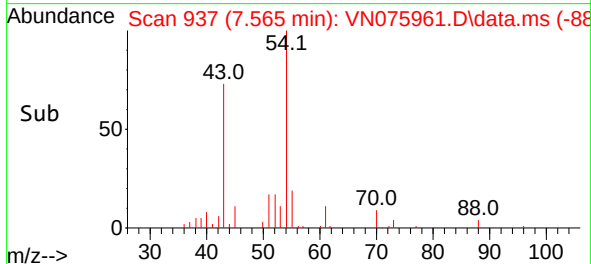
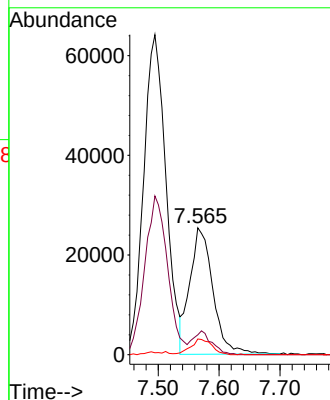
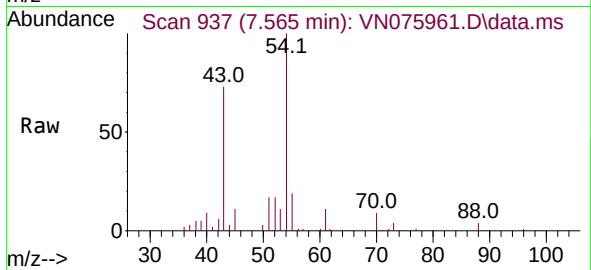




#37
Ethyl Acetate
Concen: 20.740 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

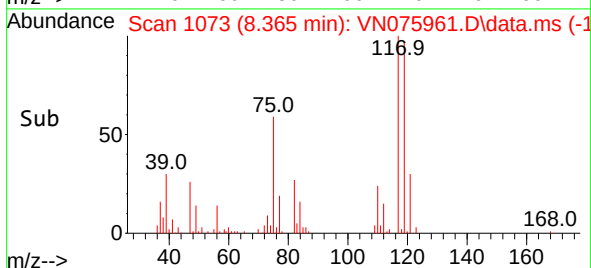
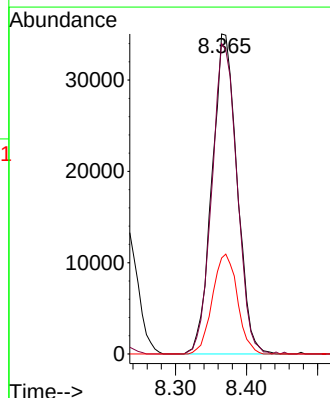
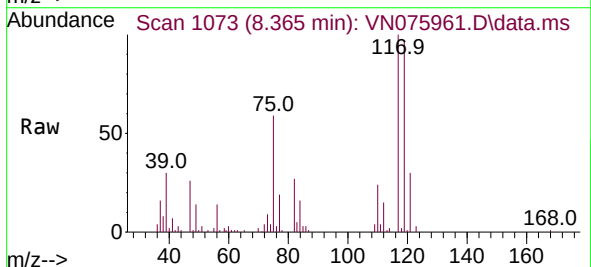
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

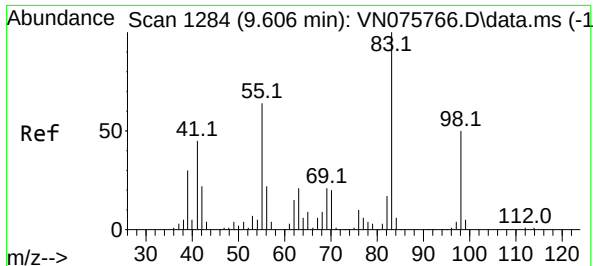
Tgt Ion: 43 Resp: 66870
Ion Ratio Lower Upper
43 100
61 15.2 13.0 19.4
70 11.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.102 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 117 Resp: 85816
Ion Ratio Lower Upper
117 100
119 97.0 76.1 114.1
121 30.0 24.5 36.7

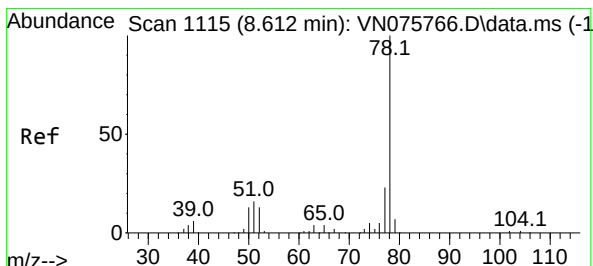
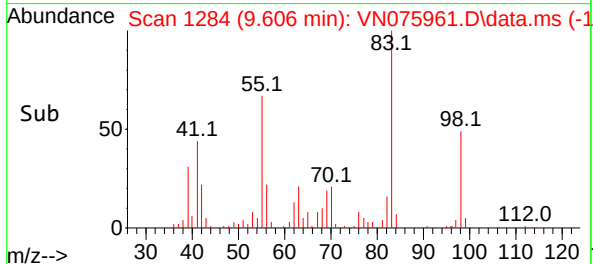
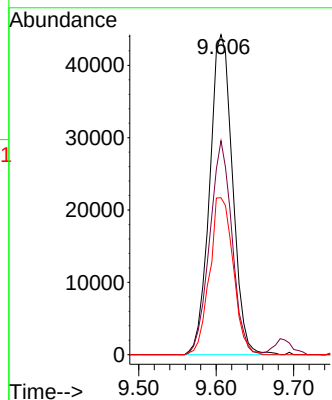
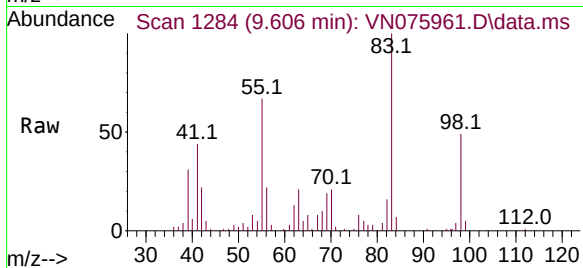




#39
Methylcyclohexane
Concen: 18.802 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

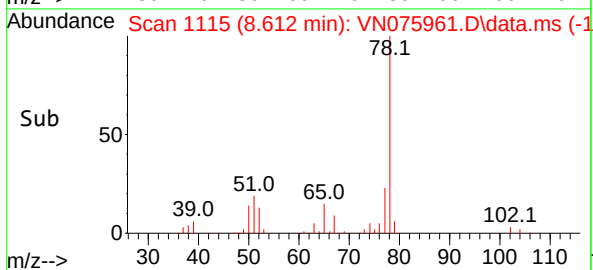
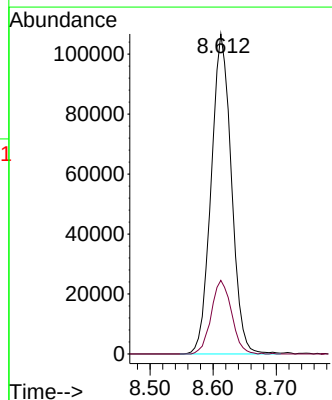
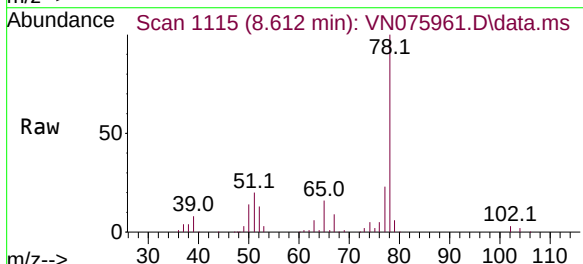
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

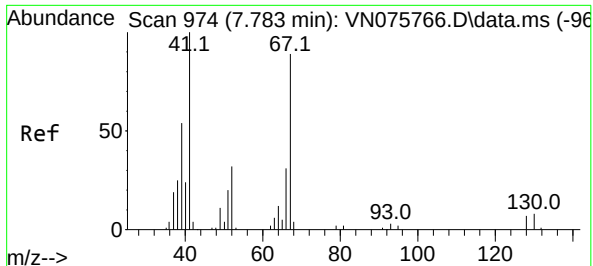
Tgt Ion: 83 Resp: 91052
Ion Ratio Lower Upper
83 100
55 66.9 51.4 77.0
98 49.0 39.8 59.8



#40
Benzene
Concen: 19.159 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 78 Resp: 237276
Ion Ratio Lower Upper
78 100
77 23.0 18.5 27.7

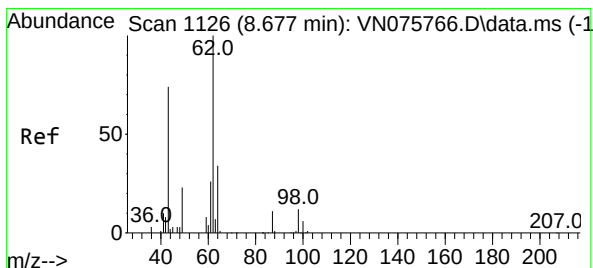
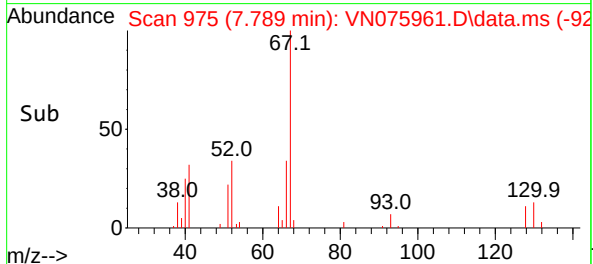
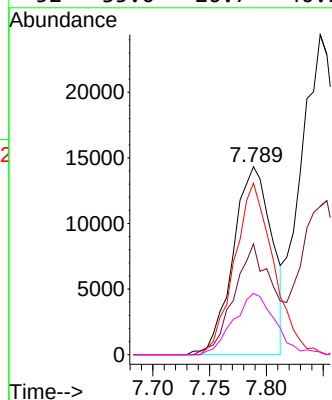
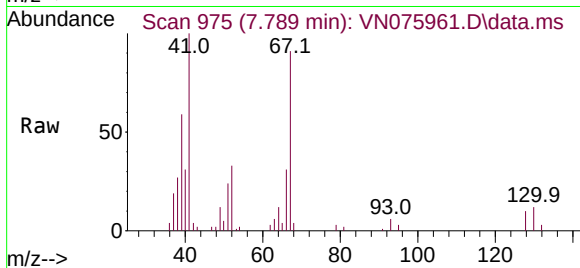




#41
Methacrylonitrile
Concen: 20.340 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

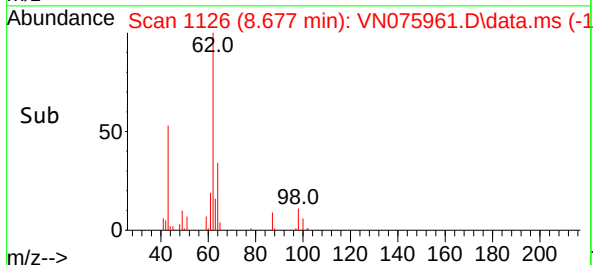
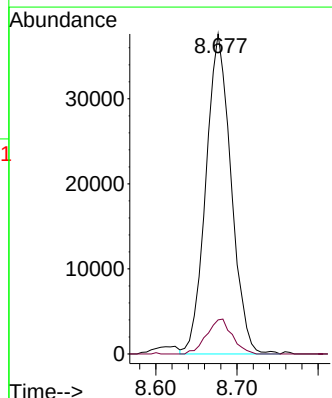
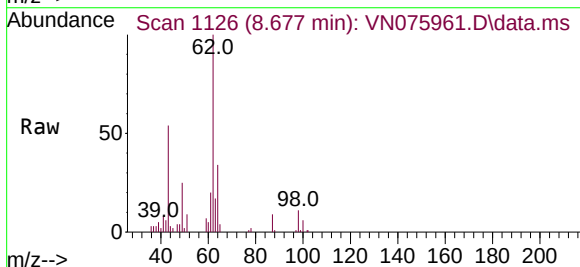
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

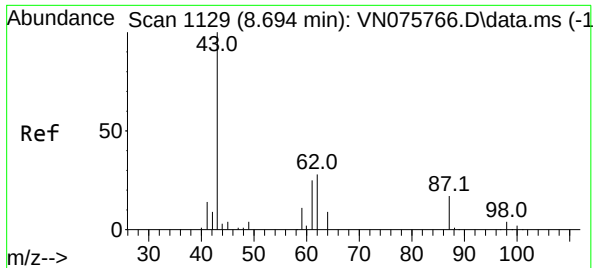
Tgt Ion:	41	Resp:	34088
Ion	Ratio	Lower	Upper
41	100		
39	60.6	43.1	64.7
67	91.7	70.7	106.1
52	35.0	26.7	40.1



#42
1,2-Dichloroethane
Concen: 19.693 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion:	62	Resp:	81084
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.8

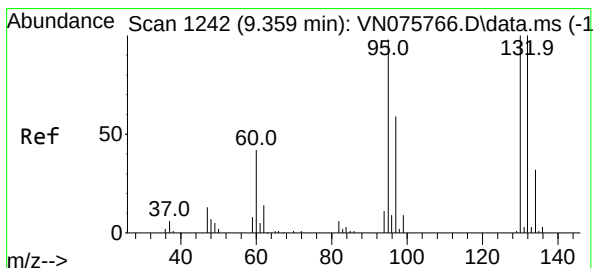
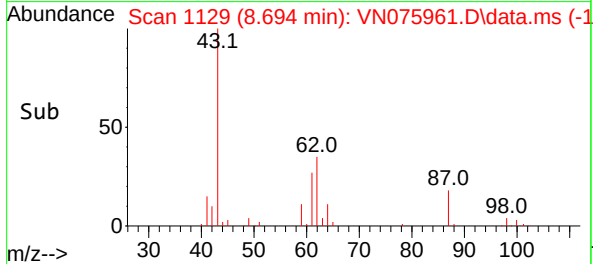
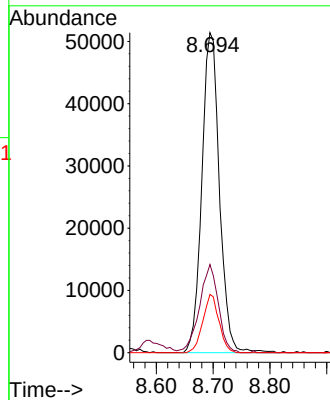
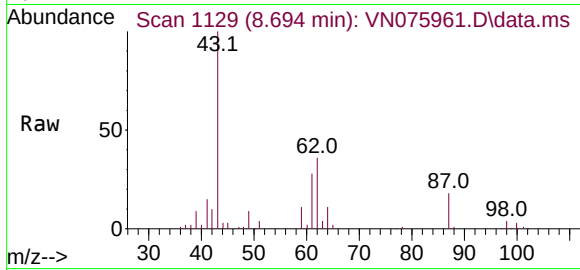




#43
Isopropyl Acetate
Concen: 20.791 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

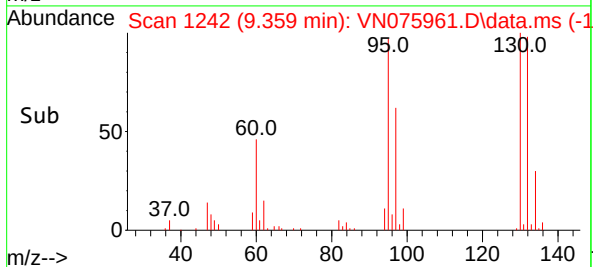
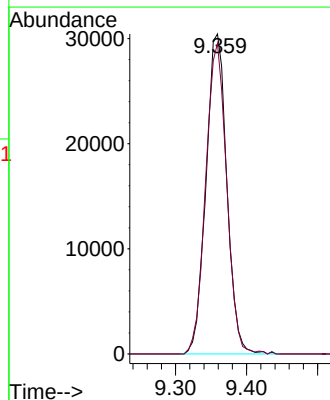
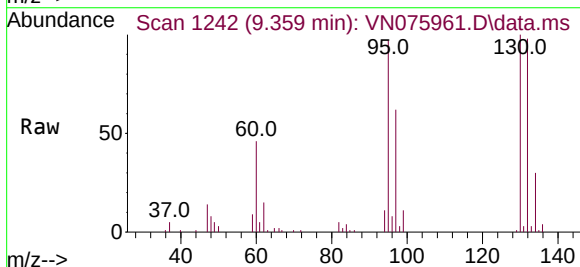
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

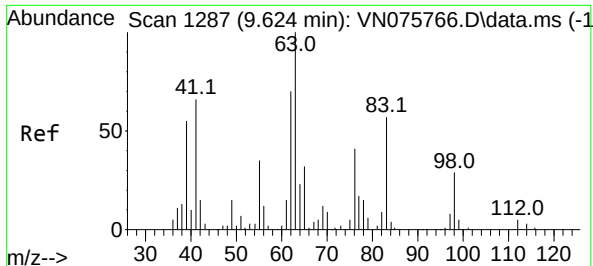
Tgt Ion: 43 Resp: 110578
Ion Ratio Lower Upper
43 100
61 29.6 24.2 36.4
87 16.6 13.3 19.9



#44
Trichloroethene
Concen: 17.794 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 130 Resp: 62083
Ion Ratio Lower Upper
130 100
95 97.1 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.259 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

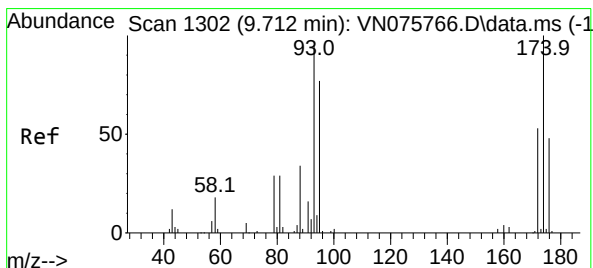
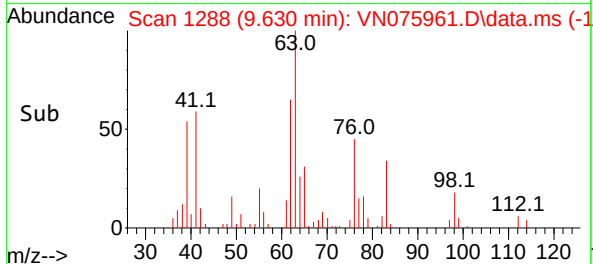
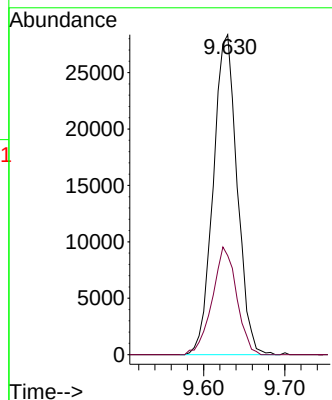
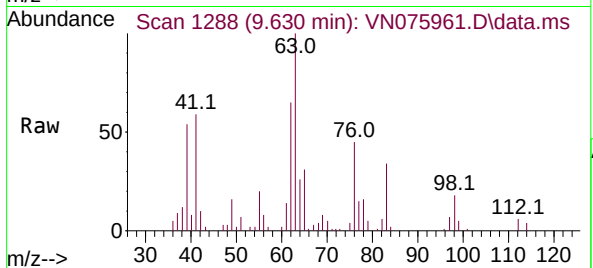
VN1223MBS01

Tgt Ion: 63 Resp: 58041

Ion Ratio Lower Upper

63 100

65 30.9 25.7 38.5



#46

Dibromomethane

Concen: 19.105 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

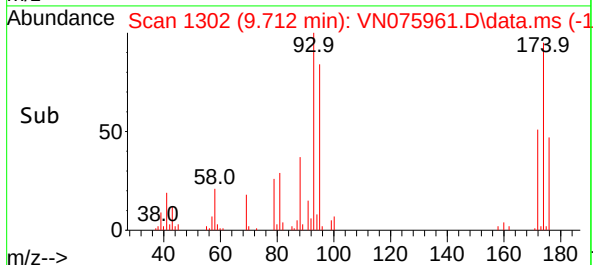
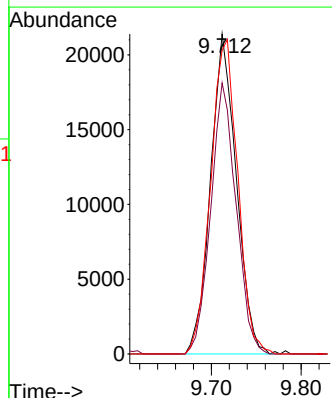
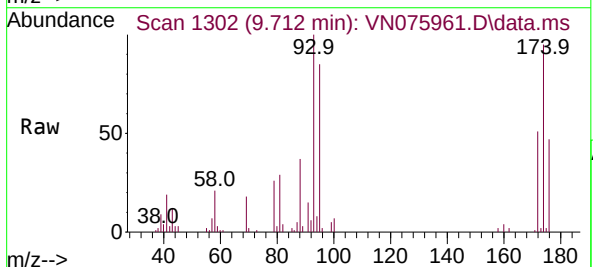
Tgt Ion: 93 Resp: 42706

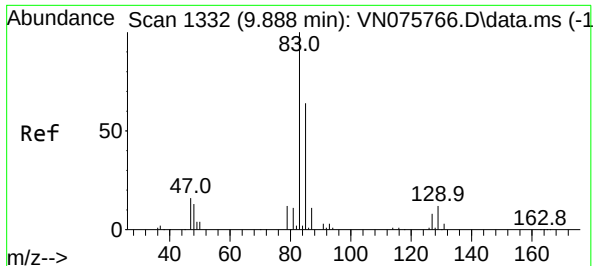
Ion Ratio Lower Upper

93 100

95 83.4 65.2 97.8

174 103.4 82.4 123.6

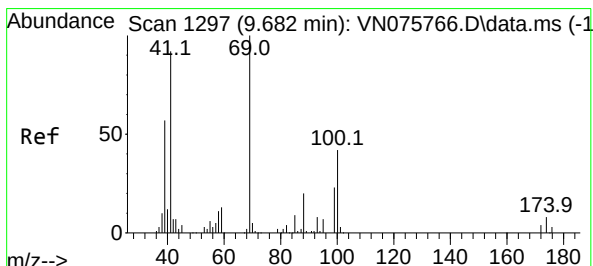
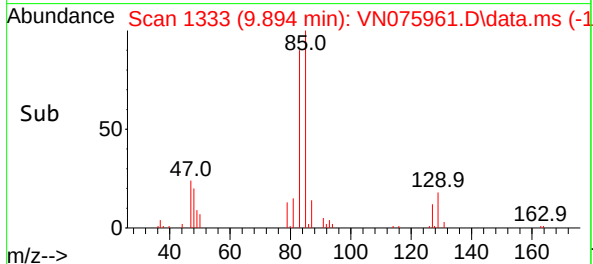
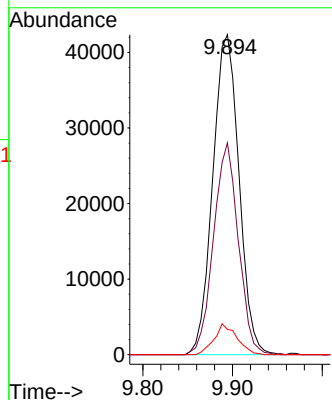
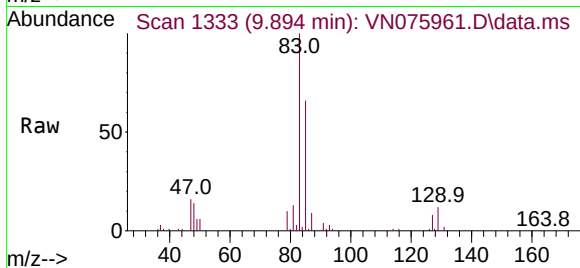




#47
Bromodichloromethane
Concen: 19.594 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

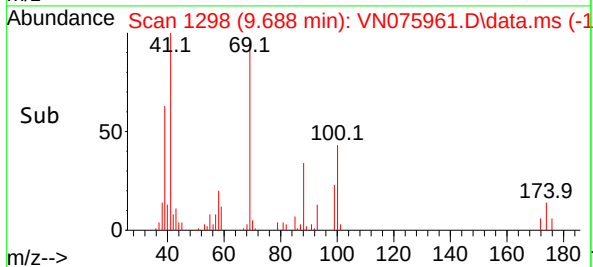
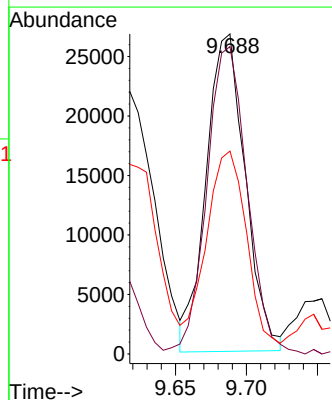
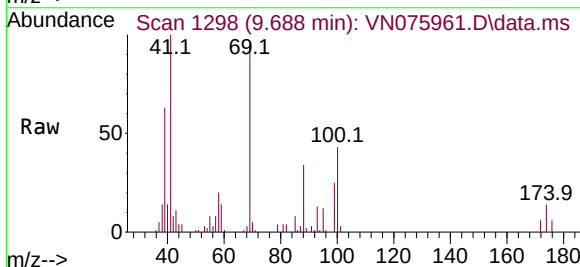
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

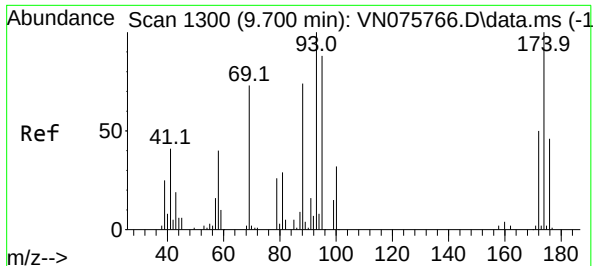
Tgt Ion: 83 Resp: 85892
Ion Ratio Lower Upper
83 100
85 66.2 51.5 77.3
127 7.9 6.6 10.0



#48
Methyl methacrylate
Concen: 21.349 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 41 Resp: 51140
Ion Ratio Lower Upper
41 100
69 100.1 81.9 122.9
39 67.8 51.6 77.4





#49

1,4-Dioxane

Concen: 433.499 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS01

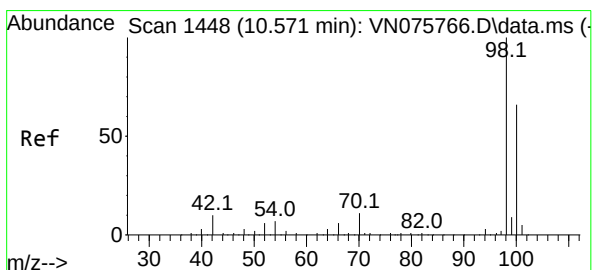
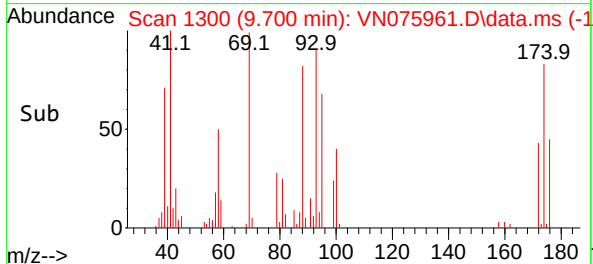
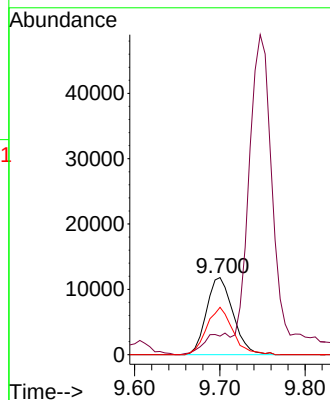
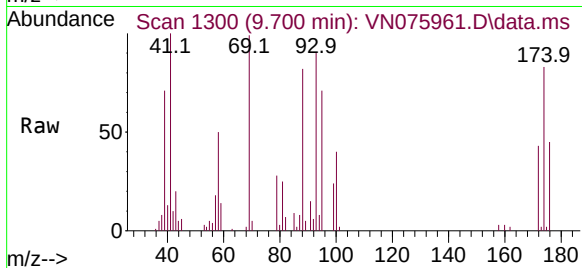
Tgt Ion: 88 Resp: 25529

Ion Ratio Lower Upper

88 100

43 18.3 17.1 25.7

58 60.5 47.8 71.8



#50

Toluene-d8

Concen: 51.158 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075961.D

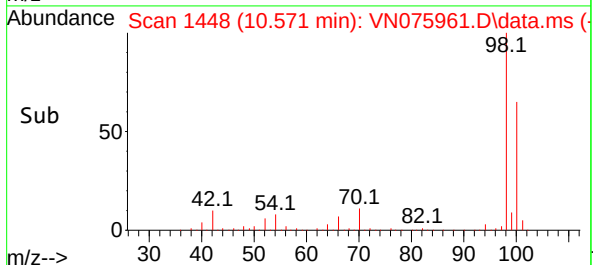
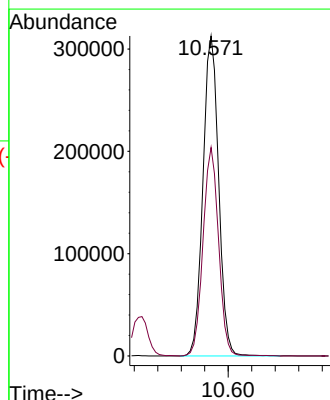
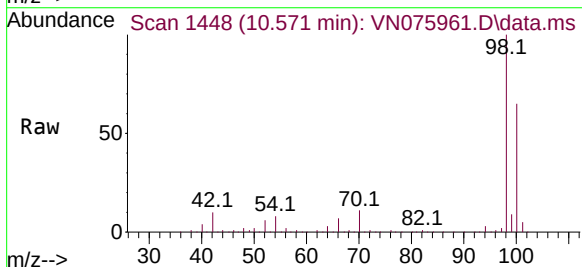
Acq: 23 Dec 2022 13:09

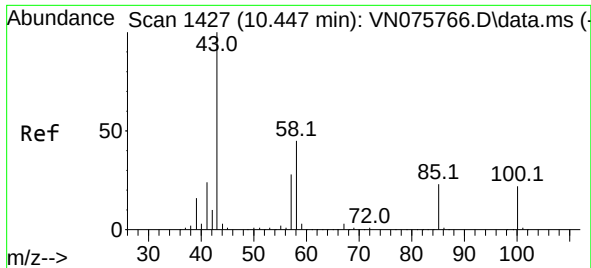
Tgt Ion: 98 Resp: 577966

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

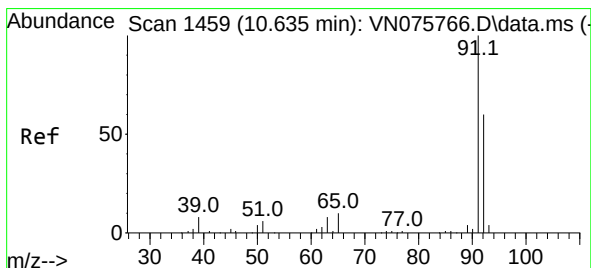
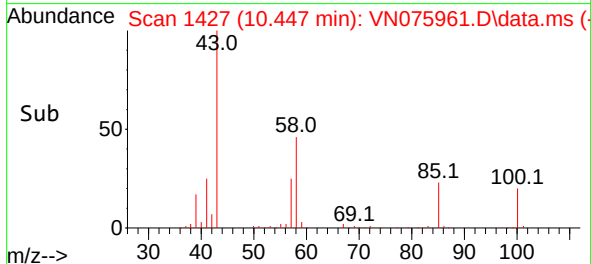
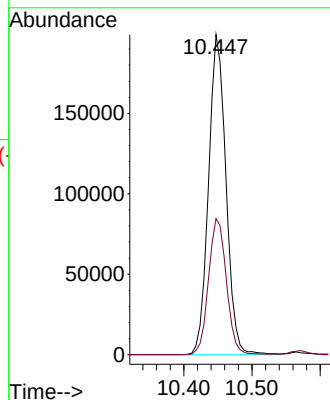
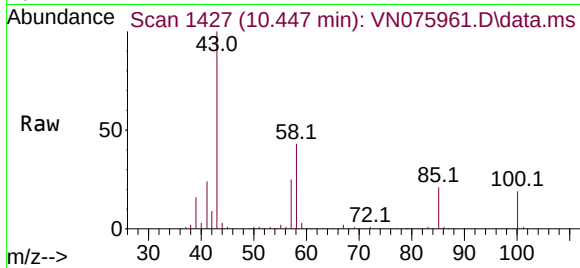




#51
4-Methyl-2-Pentanone
Concen: 110.234 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

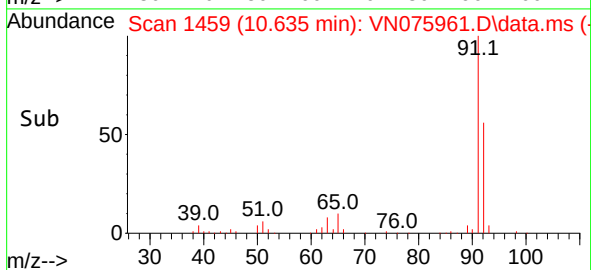
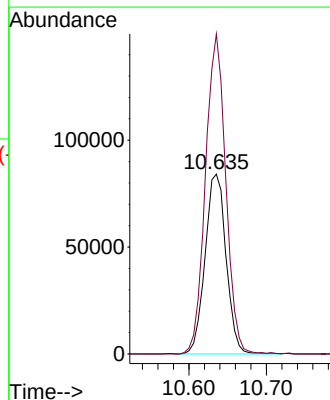
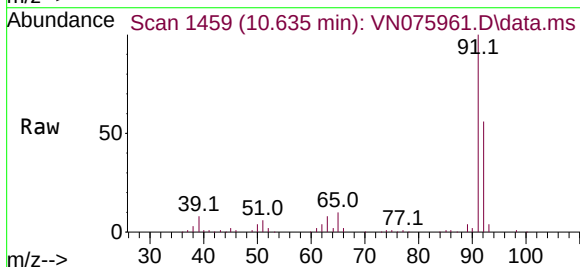
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

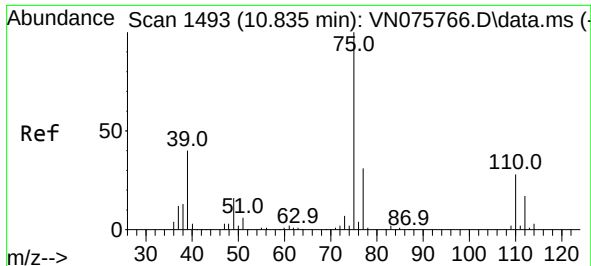
Tgt Ion: 43 Resp: 354564
Ion Ratio Lower Upper
43 100
58 43.5 35.5 53.3



#52
Toluene
Concen: 19.616 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 92 Resp: 158216
Ion Ratio Lower Upper
92 100
91 172.2 137.3 205.9

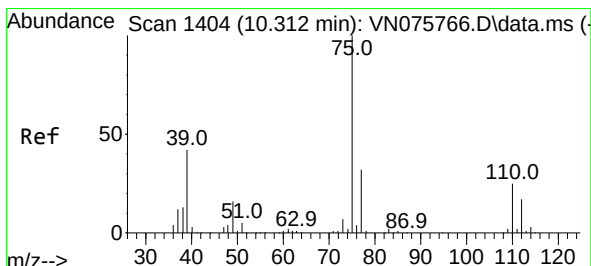
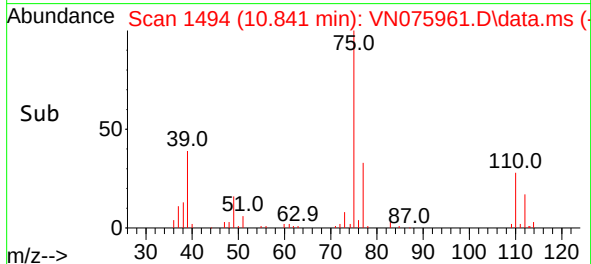
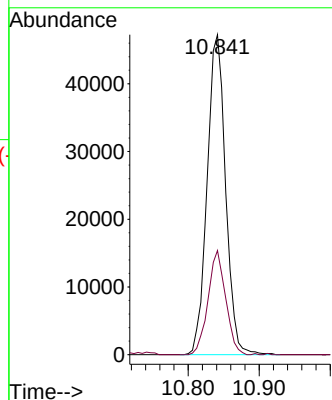
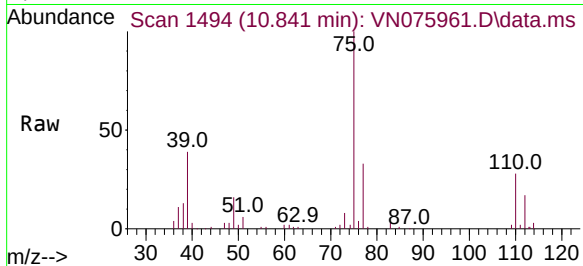




#53
 t-1,3-Dichloropropene
 Concen: 19.904 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075961.D
 Acq: 23 Dec 2022 13:09

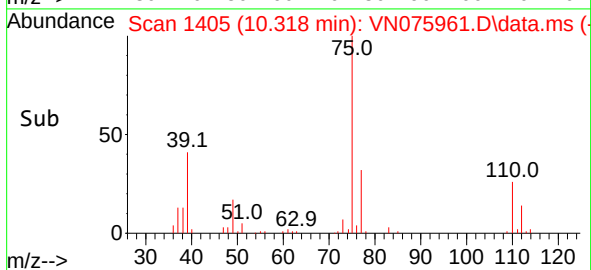
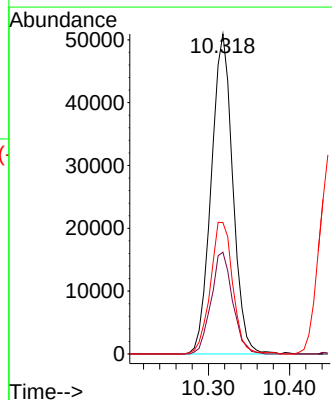
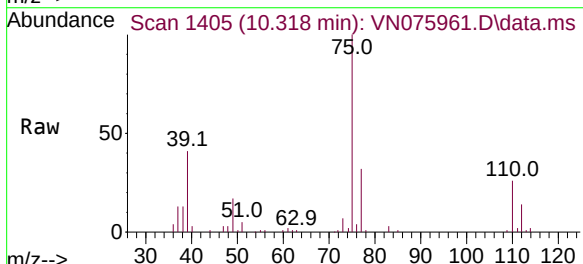
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBS01

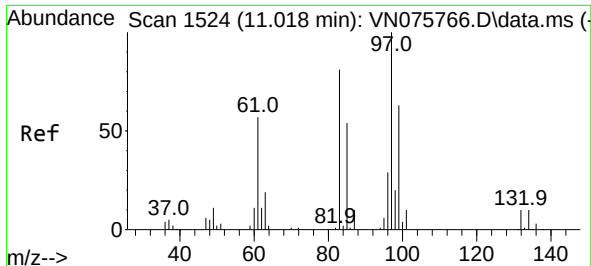
Tgt Ion: 75 Resp: 85408
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.917 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075961.D
 Acq: 23 Dec 2022 13:09

Tgt Ion: 75 Resp: 93833
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 41.1 33.4 50.2

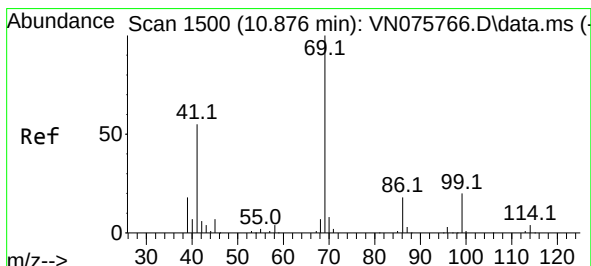
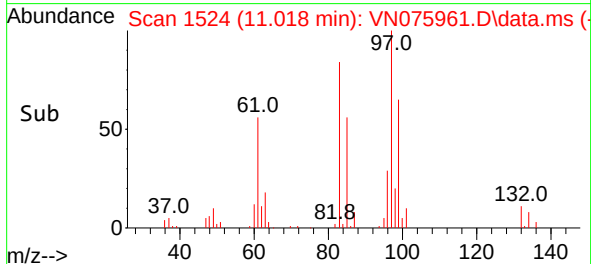
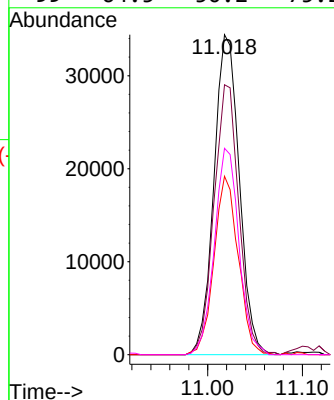
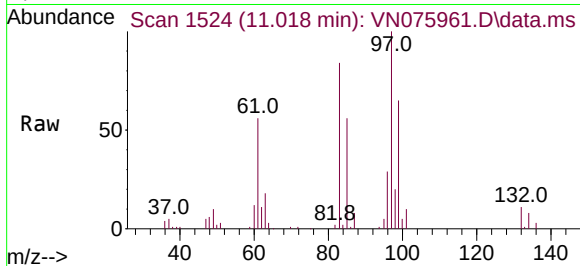




#55
1,1,2-Trichloroethane
Concen: 20.214 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

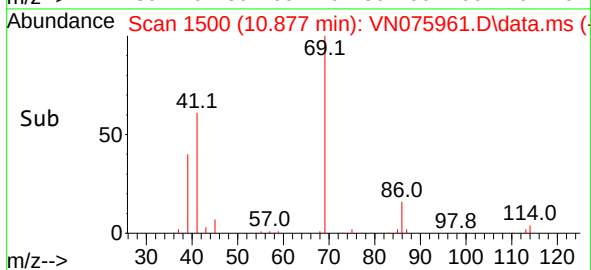
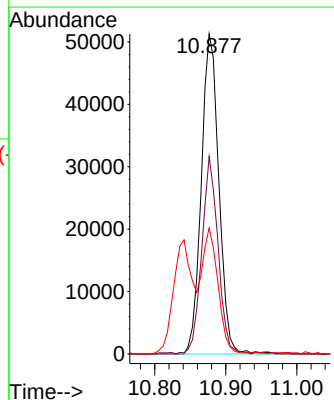
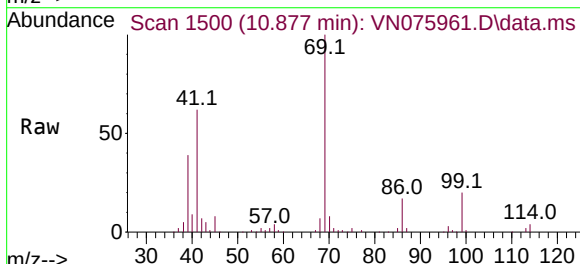
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

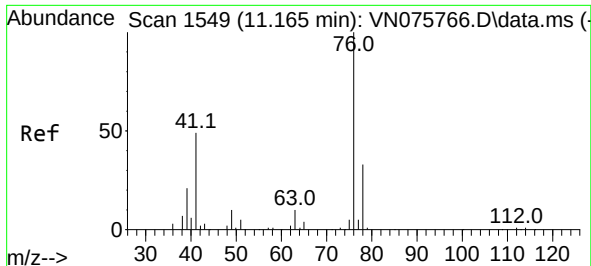
Tgt Ion:	97	Resp:	63994
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.0	97.4
85	55.7	43.0	64.6
99	64.5	50.2	75.2



#56
Ethyl methacrylate
Concen: 20.963 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion:	69	Resp:	88150
Ion	Ratio	Lower	Upper
69	100		
41	57.2	44.2	66.4
39	35.5	26.4	39.6





#57

1,3-Dichloropropane

Concen: 19.860 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

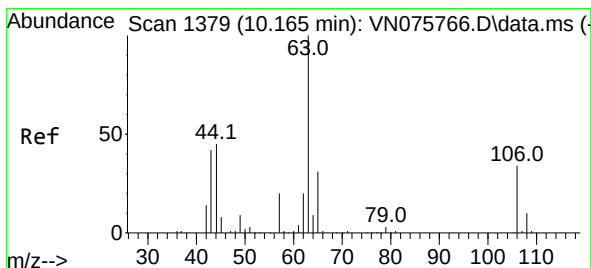
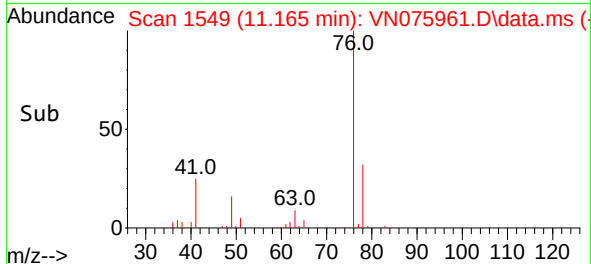
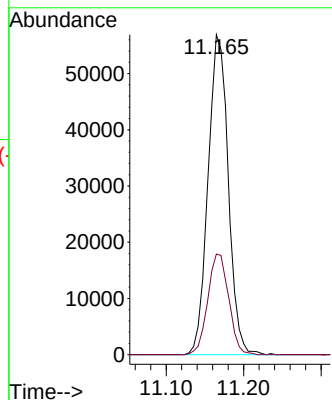
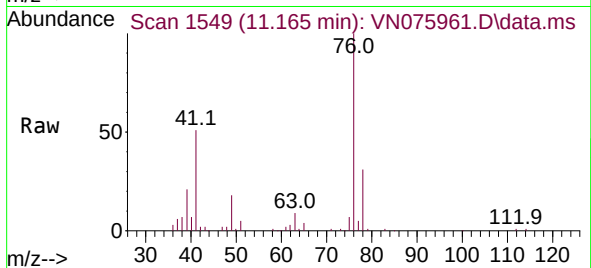
VN1223MBS01

Tgt Ion: 76 Resp: 103134

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 94.814 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075961.D

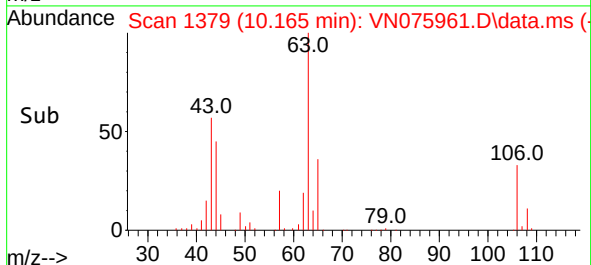
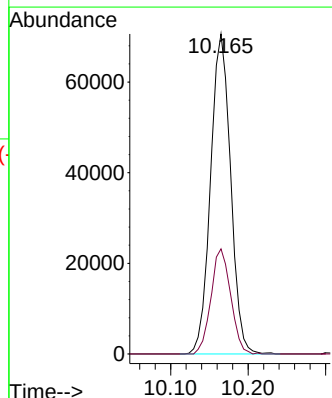
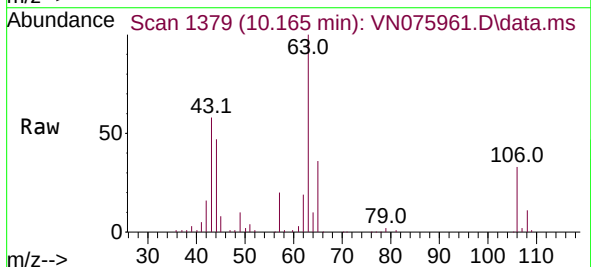
Acq: 23 Dec 2022 13:09

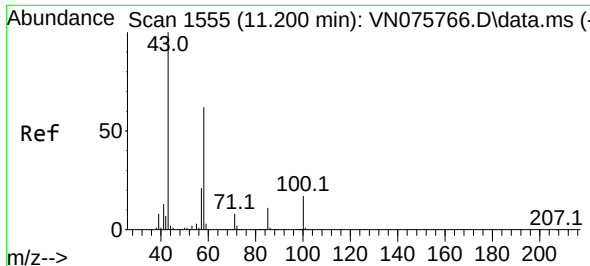
Tgt Ion: 63 Resp: 126939

Ion Ratio Lower Upper

63 100

106 32.2 26.4 39.6

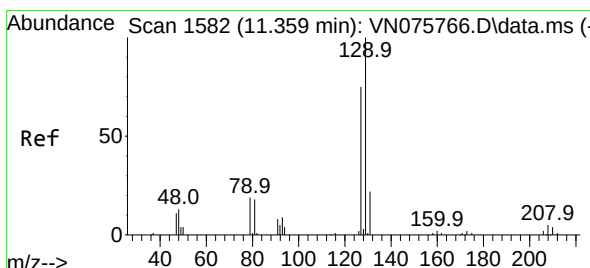
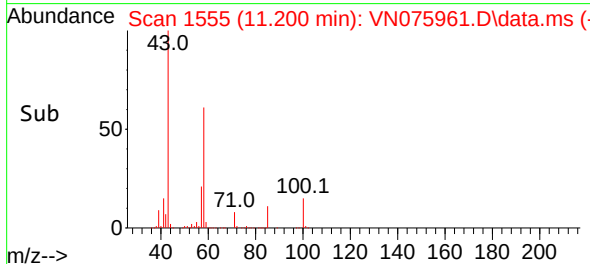
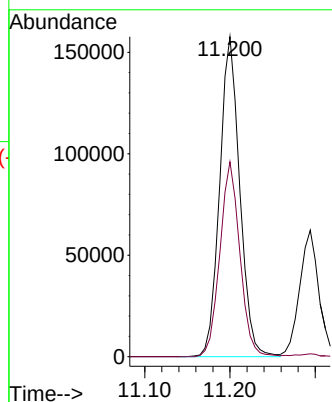
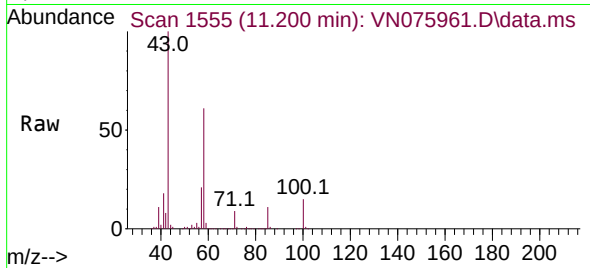




#59
2-Hexanone
Concen: 110.243 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

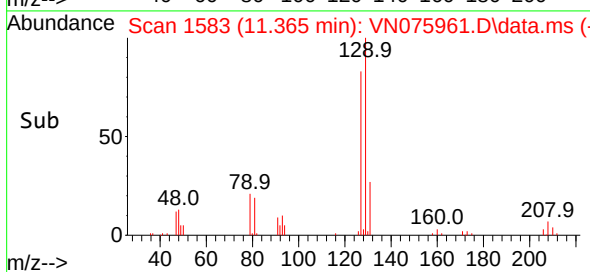
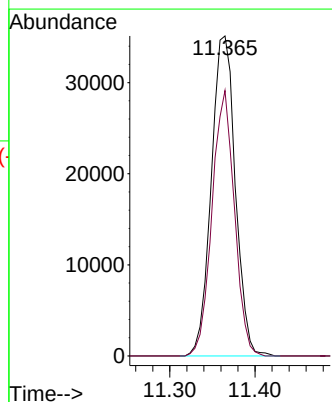
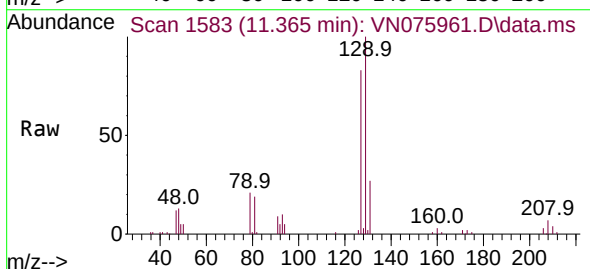
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

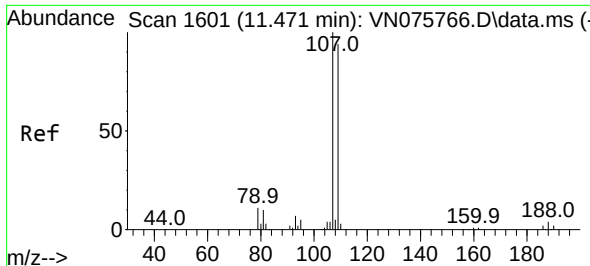
Tgt Ion: 43 Resp: 258592
Ion Ratio Lower Upper
43 100
58 60.4 30.6 92.0



#60
Dibromochloromethane
Concen: 19.577 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 129 Resp: 68927
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9

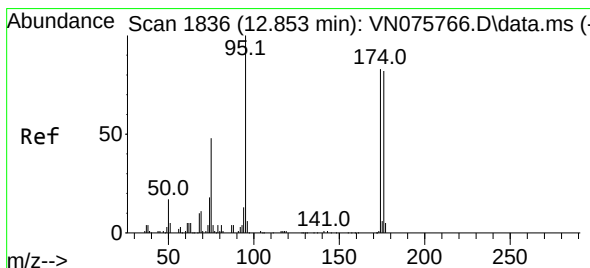
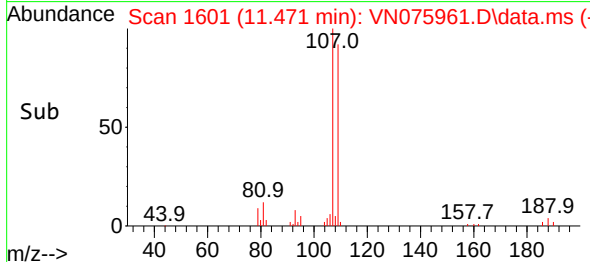
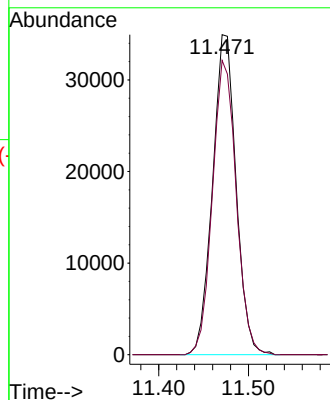
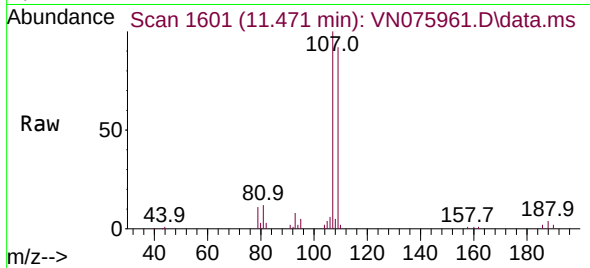




#61
1,2-Dibromoethane
Concen: 19.862 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

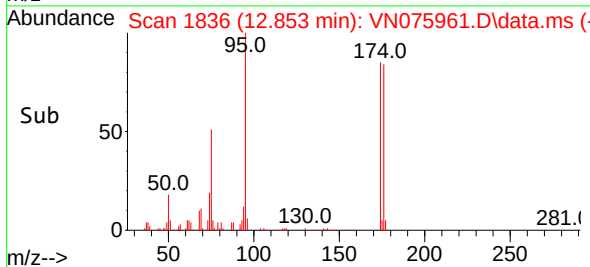
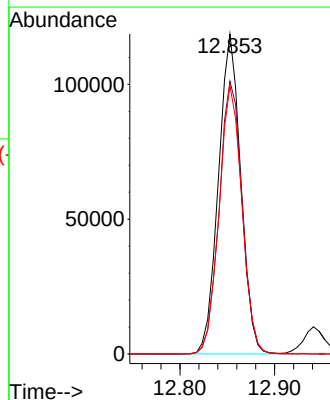
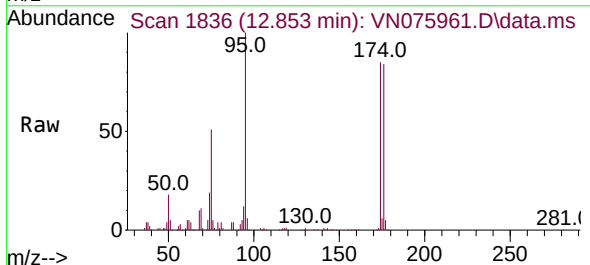
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

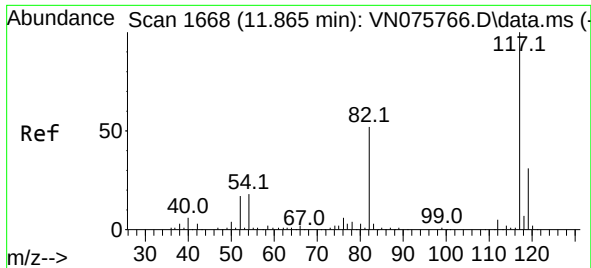
Tgt Ion:107 Resp: 63632
Ion Ratio Lower Upper
107 100
109 92.9 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 52.088 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 95 Resp: 194909
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 85.5 0.0 169.2

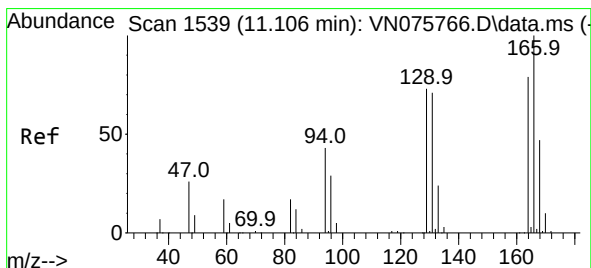
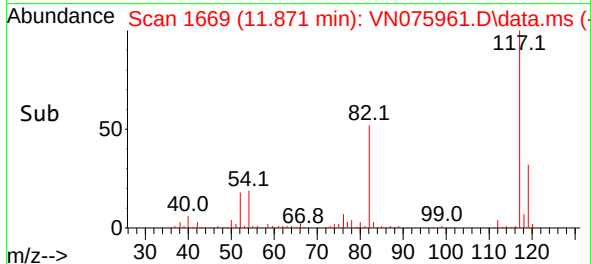
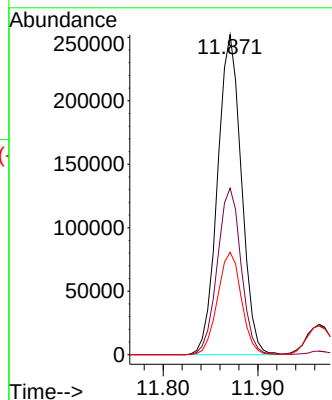
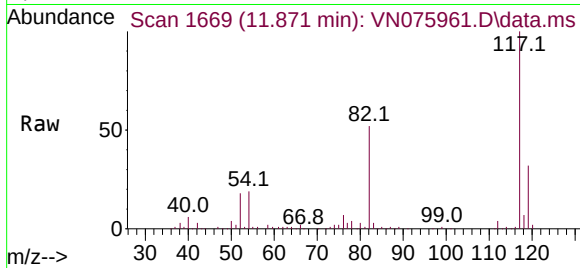




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

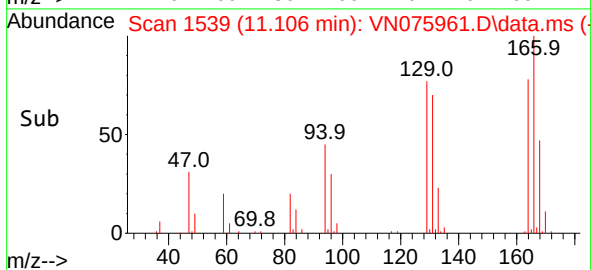
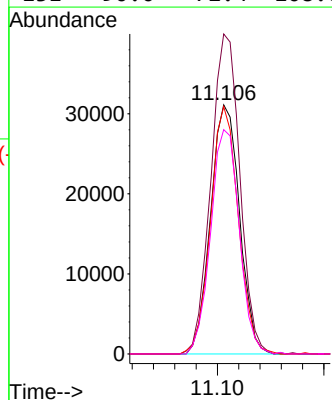
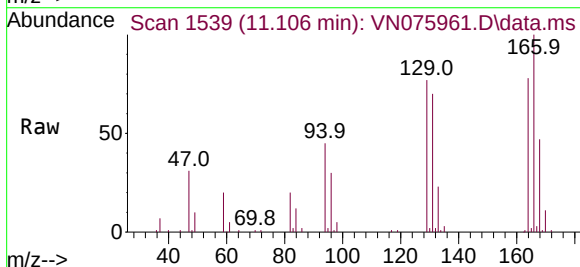
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

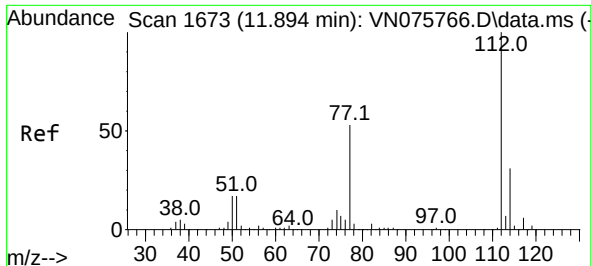
Tgt Ion:117 Resp: 441629
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 32.0 24.6 37.0



#64
Tetrachloroethene
Concen: 18.866 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion:164 Resp: 58630
Ion Ratio Lower Upper
164 100
166 128.5 101.9 152.9
129 99.3 74.2 111.2
131 90.0 72.4 108.6

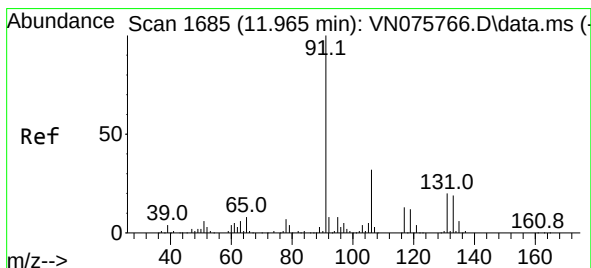
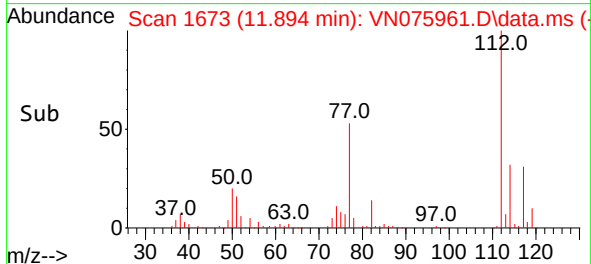
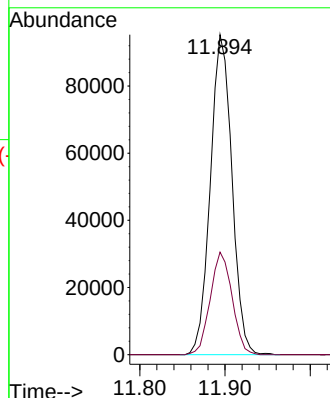
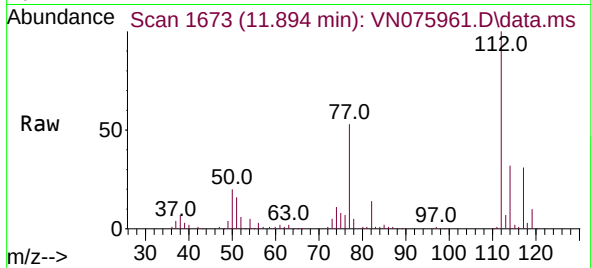




#65
Chlorobenzene
Concen: 18.503 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

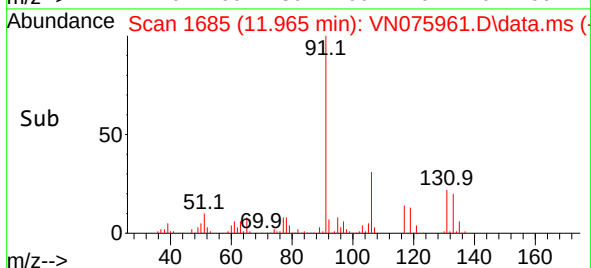
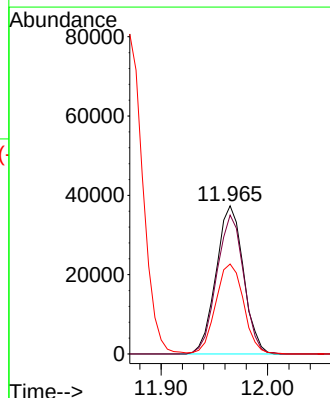
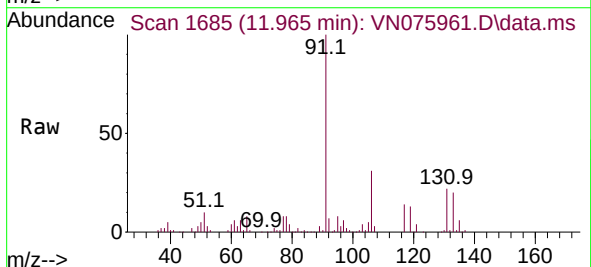
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

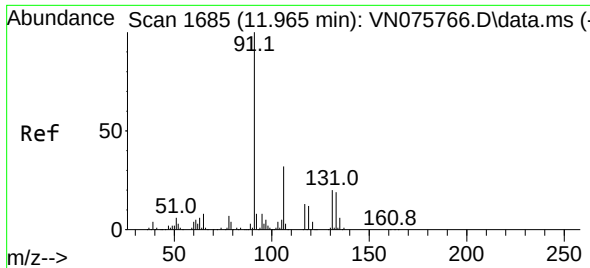
Tgt Ion:112 Resp: 167716
Ion Ratio Lower Upper
112 100
114 32.1 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.870 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion:131 Resp: 66712
Ion Ratio Lower Upper
131 100
133 92.4 47.5 142.5
119 62.0 31.9 95.7

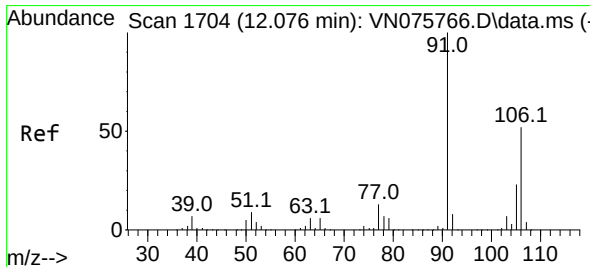
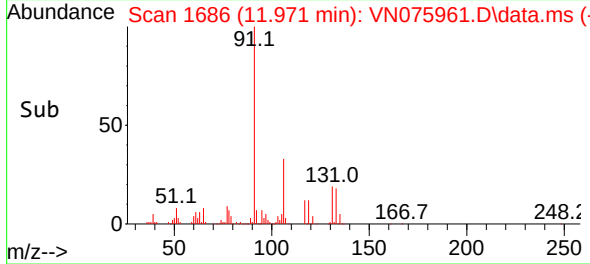
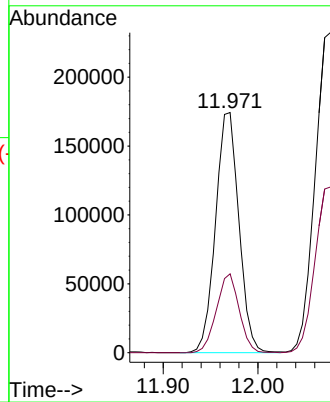
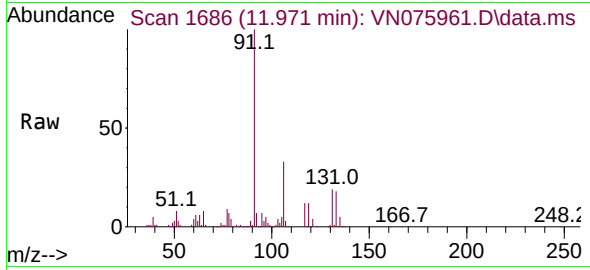




#67
Ethyl Benzene
Concen: 19.540 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

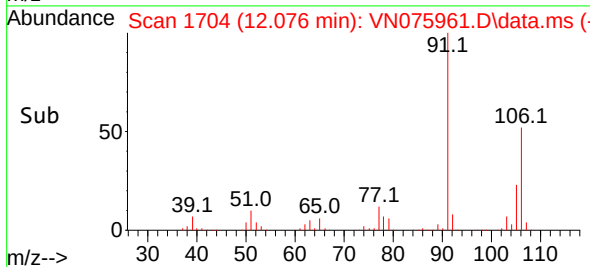
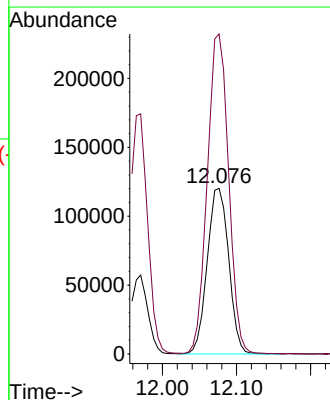
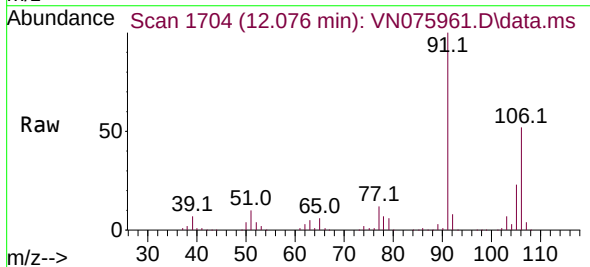
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

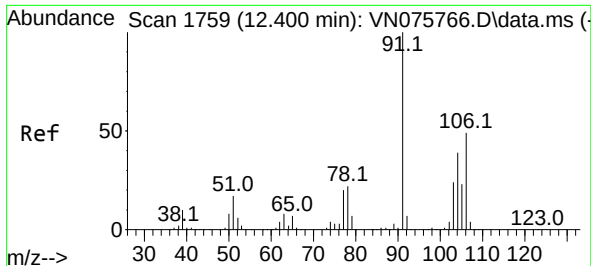
Tgt Ion: 91 Resp: 298933
Ion Ratio Lower Upper
91 100
106 32.9 25.7 38.5



#68
m/p-Xylenes
Concen: 40.064 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 106 Resp: 242590
Ion Ratio Lower Upper
106 100
91 191.3 156.6 235.0

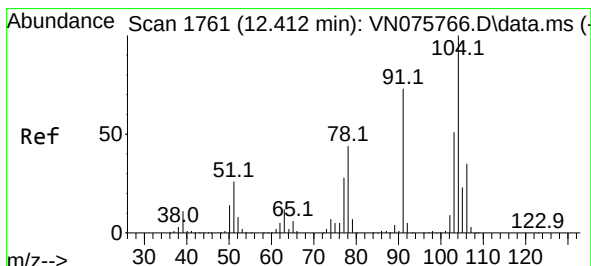
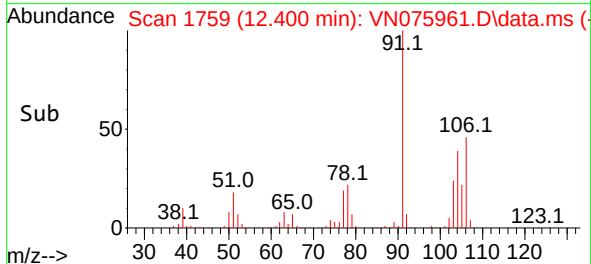
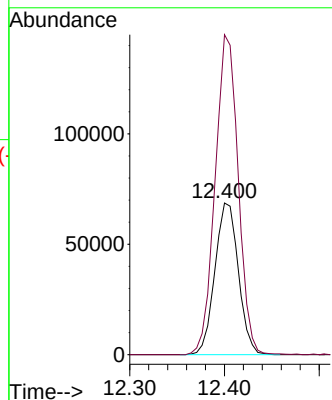
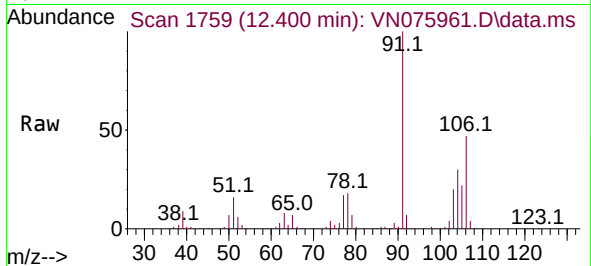




#69
o-Xylene
Concen: 19.755 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

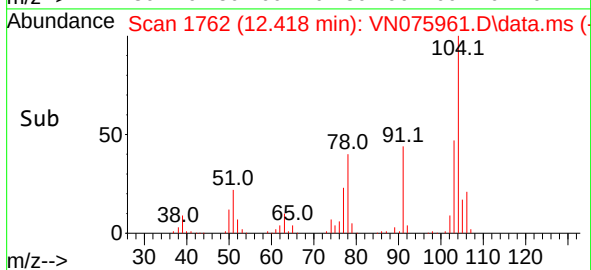
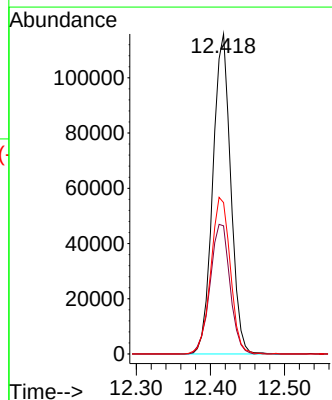
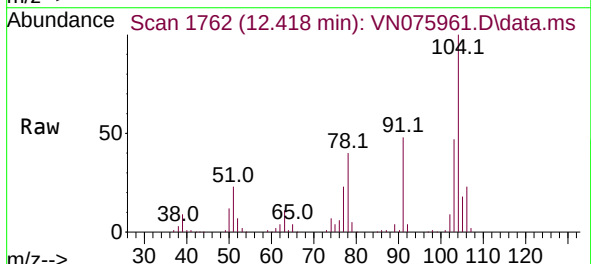
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

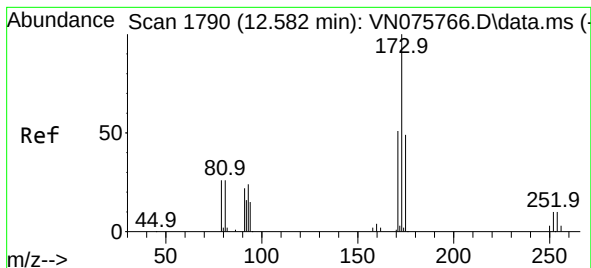
Tgt Ion:106 Resp: 118375
Ion Ratio Lower Upper
106 100
91 207.7 103.8 311.6



#70
Styrene
Concen: 20.374 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion:104 Resp: 194116
Ion Ratio Lower Upper
104 100
78 45.1 37.5 56.3
103 53.4 43.5 65.3





#71

Bromoform

Concen: 20.056 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS01

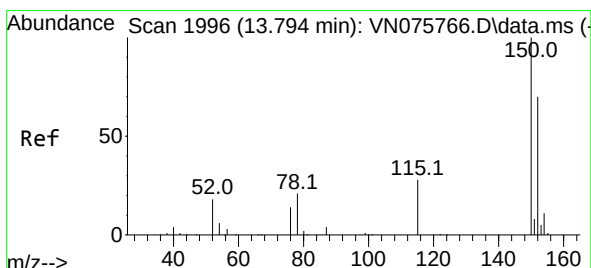
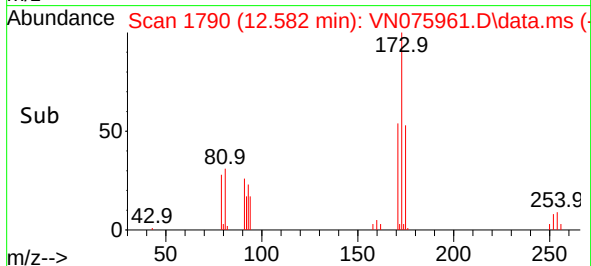
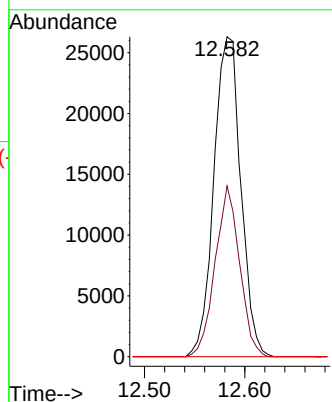
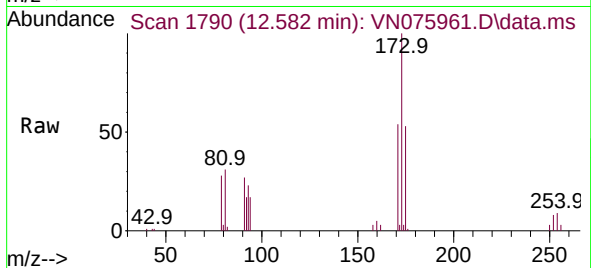
Tgt Ion:173 Resp: 48997

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

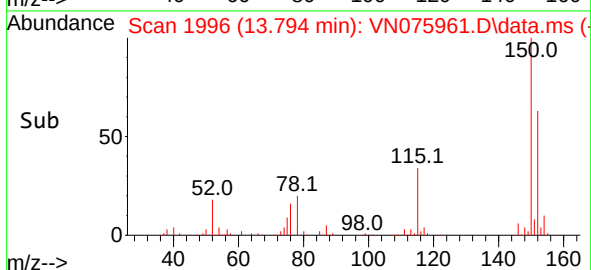
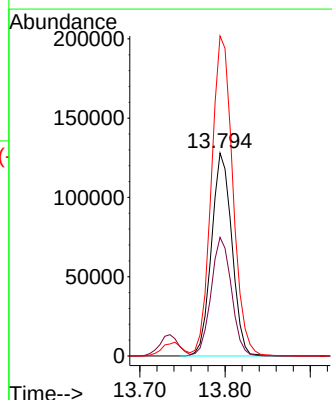
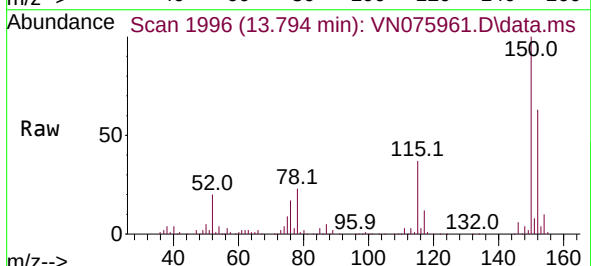
Tgt Ion:152 Resp: 212528

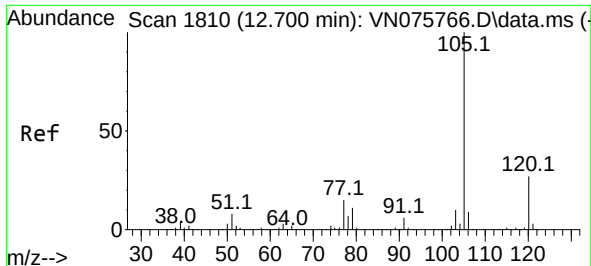
Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.4

150 165.8 0.0 347.0

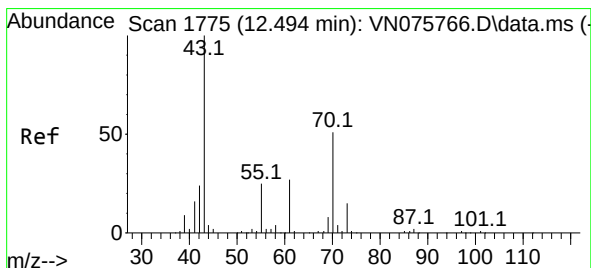
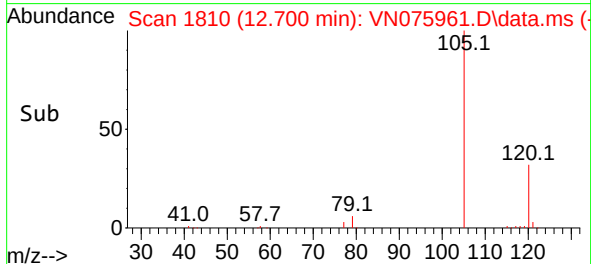
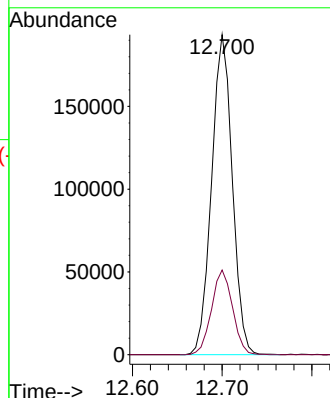
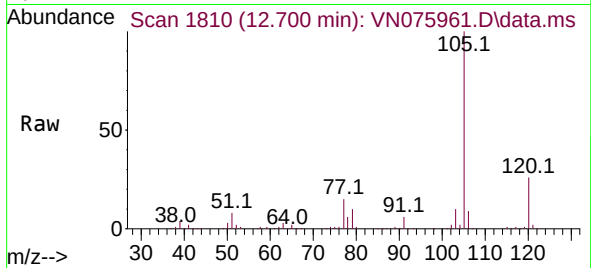




#73
Isopropylbenzene
Concen: 20.147 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

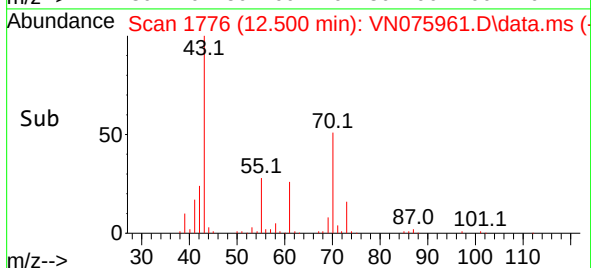
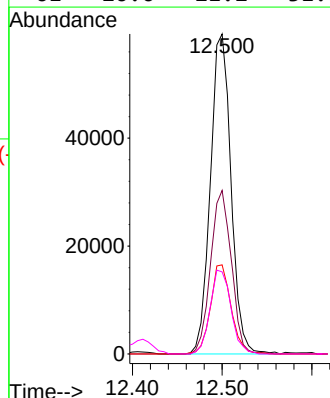
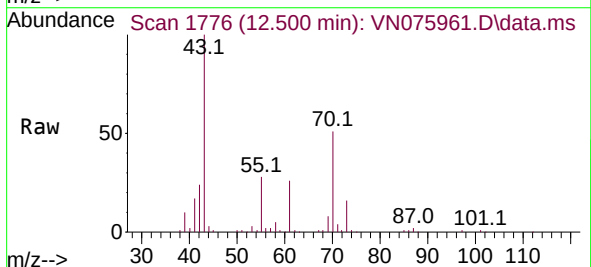
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

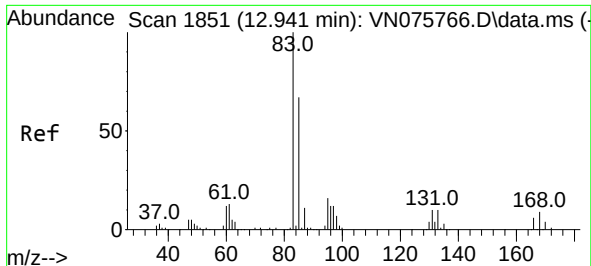
Tgt Ion:105 Resp: 309415
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 21.020 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 43 Resp: 94705
Ion Ratio Lower Upper
43 100
70 51.5 41.4 62.0
55 28.0 21.3 31.9
61 26.6 21.2 31.8

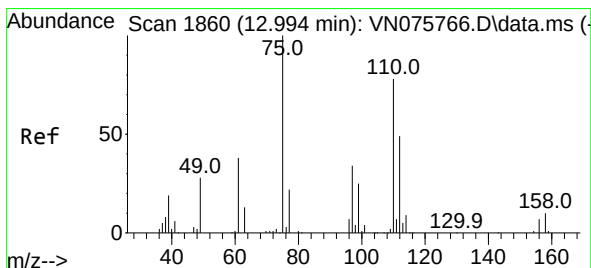
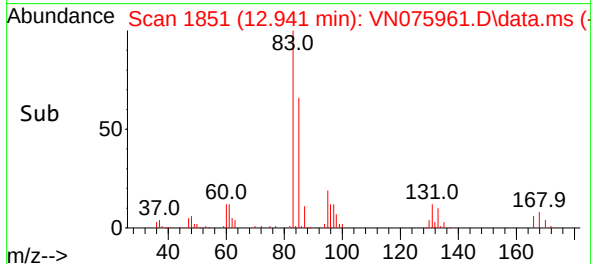
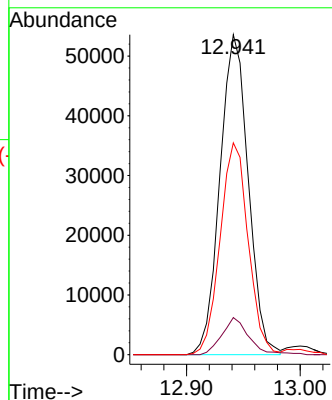
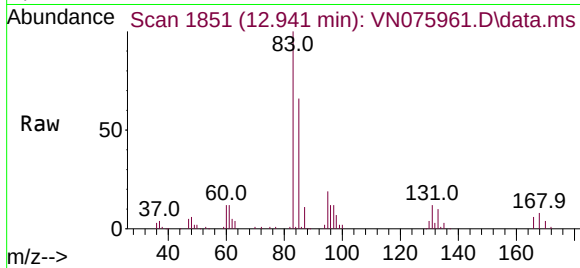




#75
1,1,2,2-Tetrachloroethane
Concen: 19.540 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

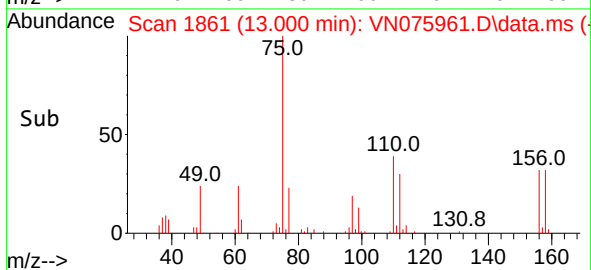
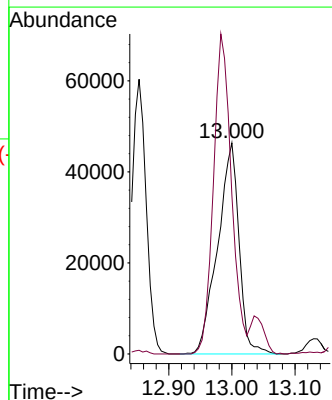
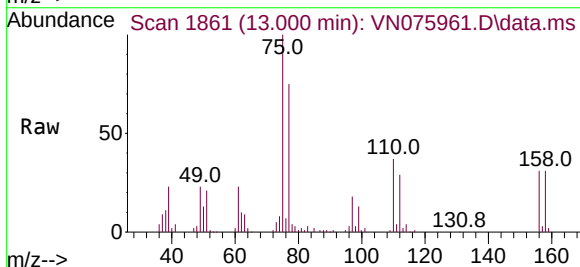
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

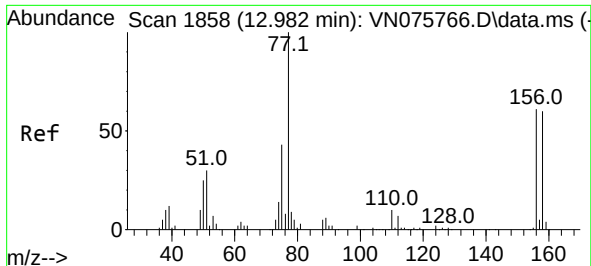
Tgt Ion: 83 Resp: 92770
Ion Ratio Lower Upper
83 100
131 11.1 5.6 16.8
85 65.6 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 25.425 ug/l
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 75 Resp: 108921
Ion Ratio Lower Upper
75 100
77 128.1 82.6 247.8

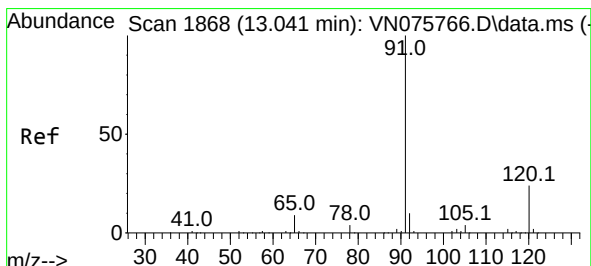
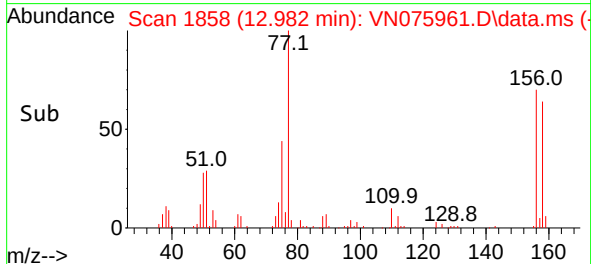
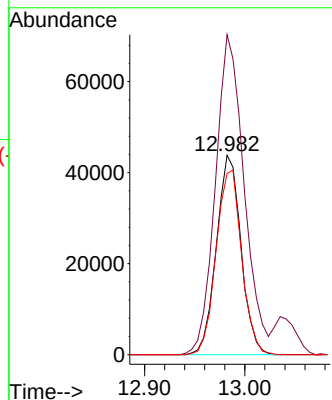
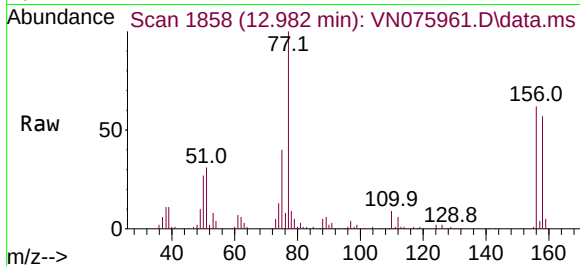




#77
Bromobenzene
Concen: 19.229 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

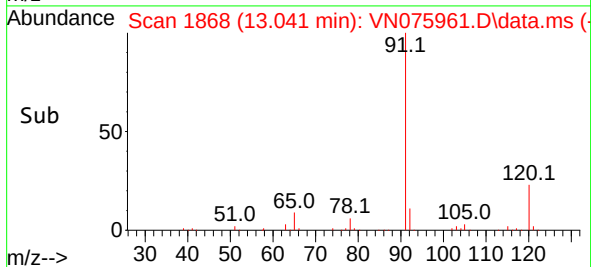
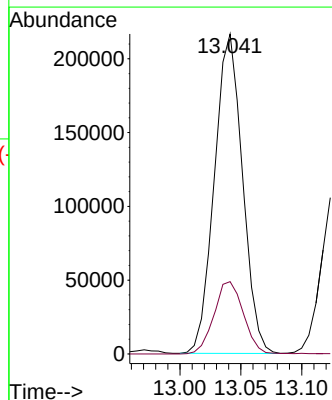
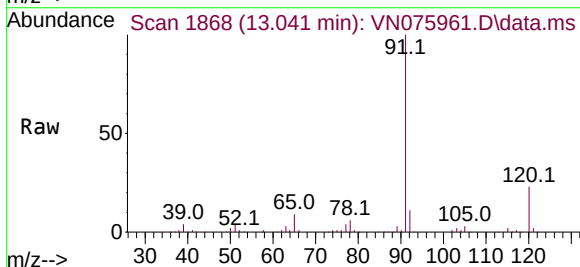
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

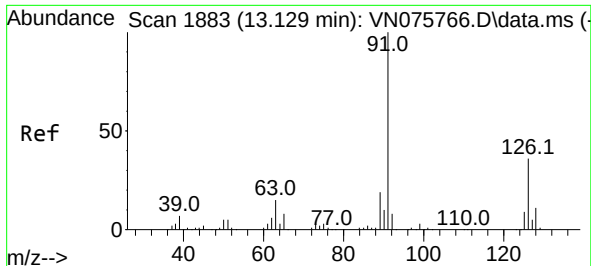
Tgt Ion:156 Resp: 74739
Ion Ratio Lower Upper
156 100
77 186.7 93.8 281.3
158 95.9 48.9 146.6



#78
n-propylbenzene
Concen: 20.518 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 91 Resp: 347567
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.1

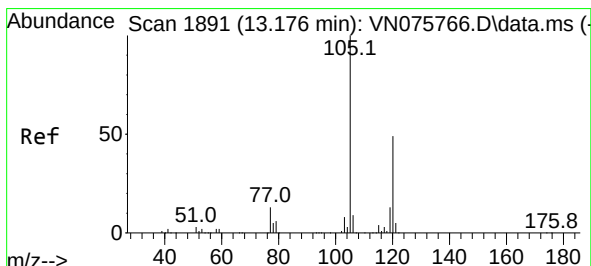
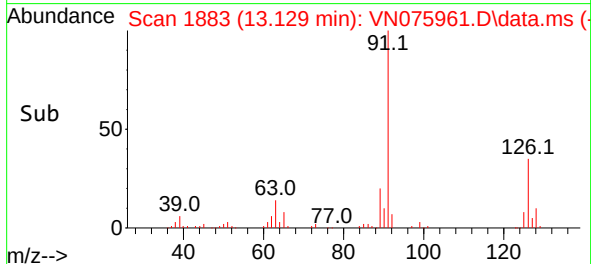
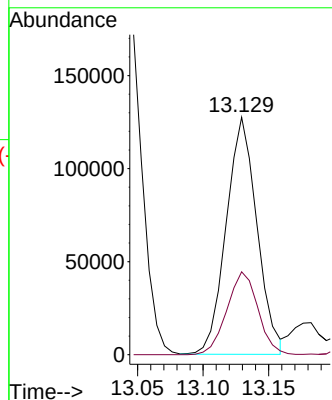
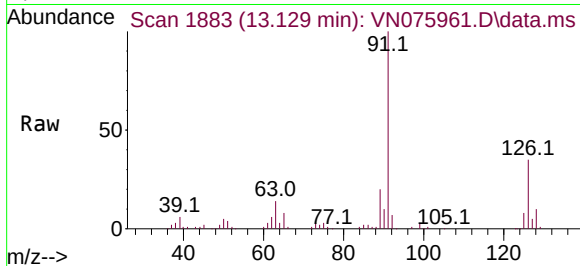




#79
2-Chlorotoluene
Concen: 19.643 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

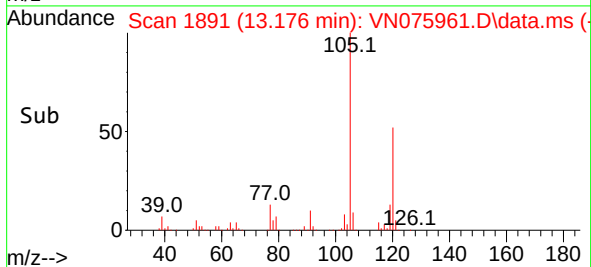
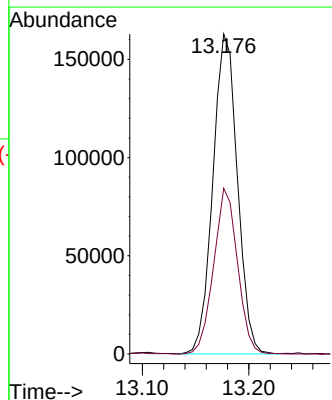
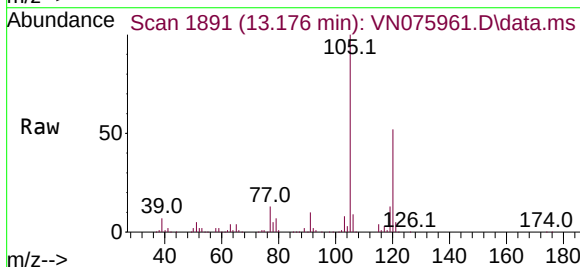
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

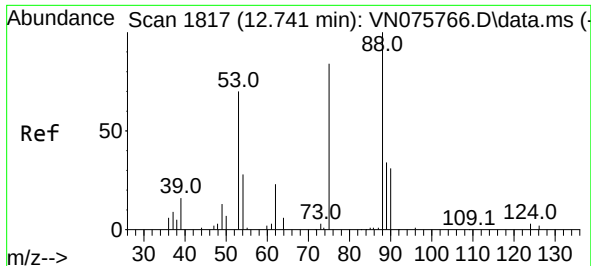
Tgt Ion: 91 Resp: 207704
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 20.246 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 105 Resp: 260245
Ion Ratio Lower Upper
105 100
120 50.4 24.7 74.1

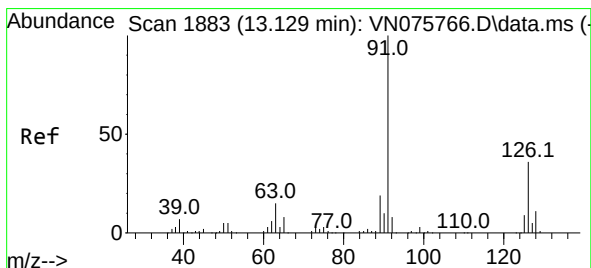
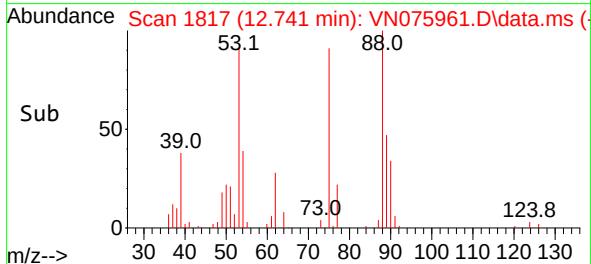
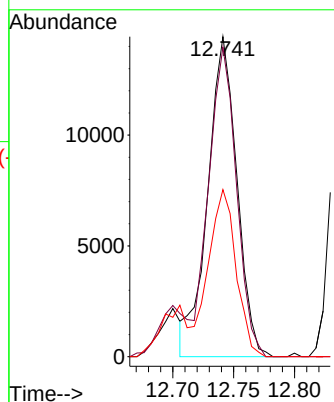
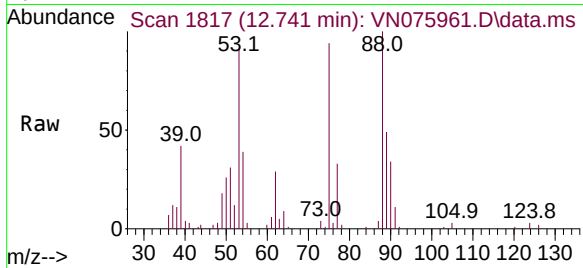




#81
trans-1,4-Dichloro-2-butene
Concen: 20.205 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

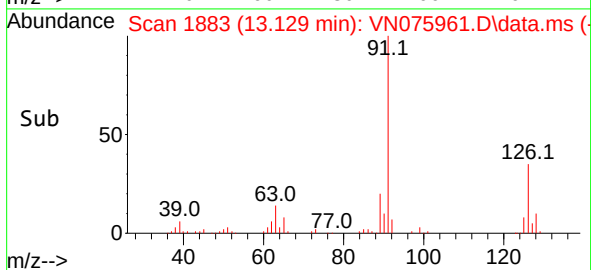
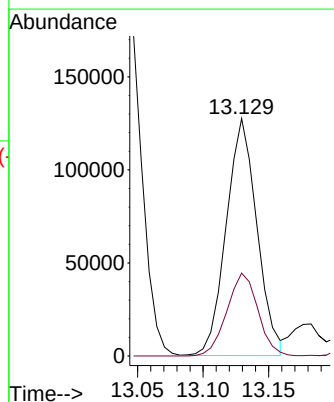
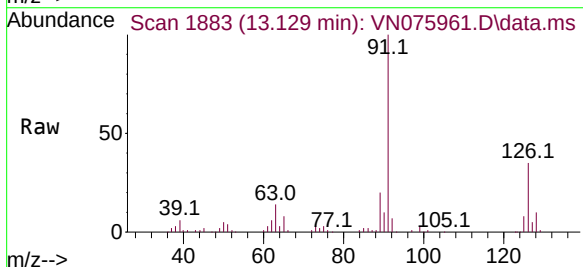
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

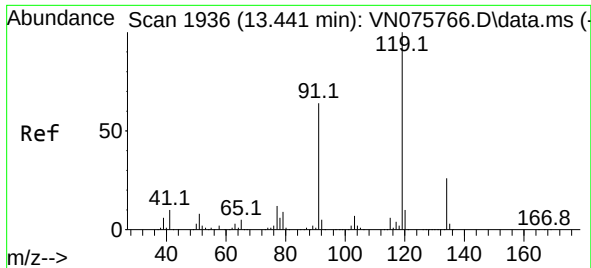
Tgt Ion: 75 Resp: 24048
Ion Ratio Lower Upper
75 100
53 90.8 73.8 110.6
89 50.4 39.5 59.3



#82
4-Chlorotoluene
Concen: 19.643 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 91 Resp: 207704
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

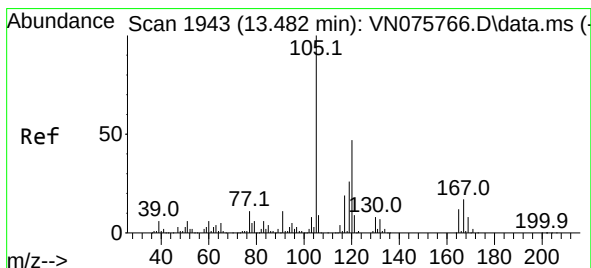
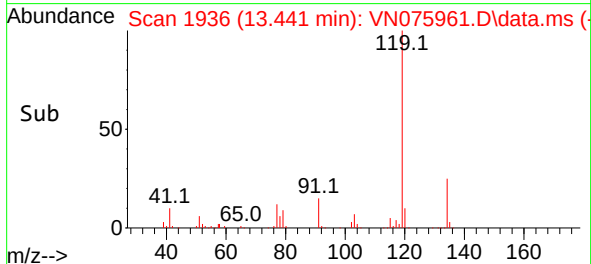
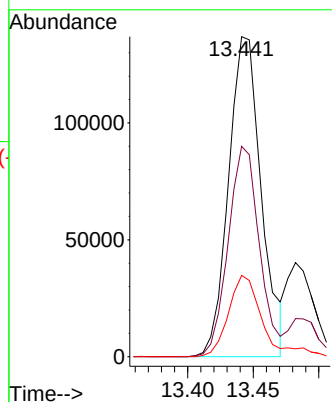
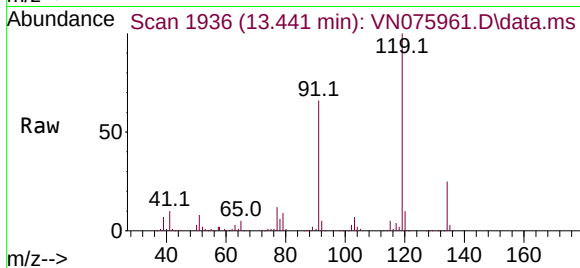




#83
tert-Butylbenzene
Concen: 20.974 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

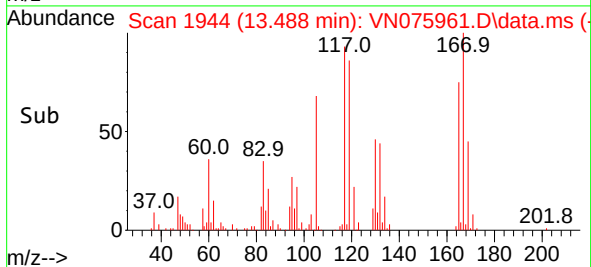
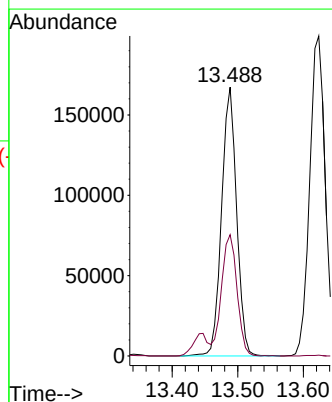
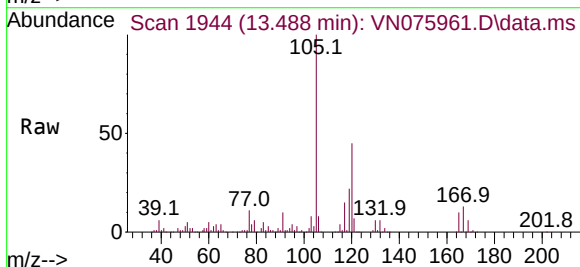
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

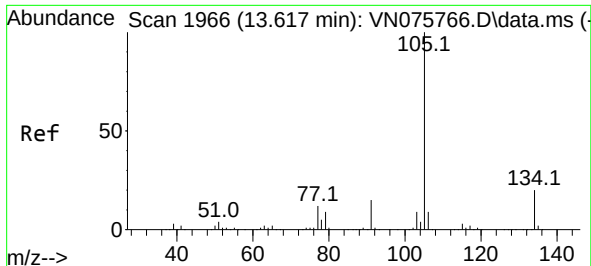
Tgt Ion:119 Resp: 237705
Ion Ratio Lower Upper
119 100
91 62.9 31.9 95.5
134 26.3 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 20.809 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion:105 Resp: 265346
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8

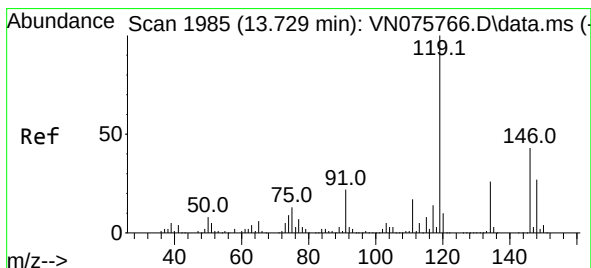
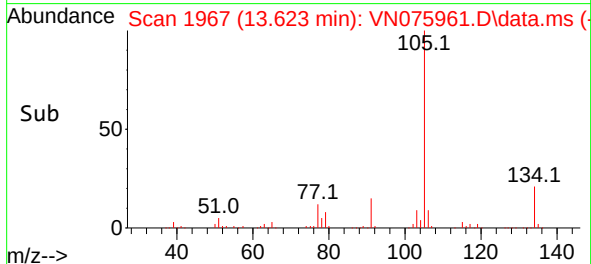
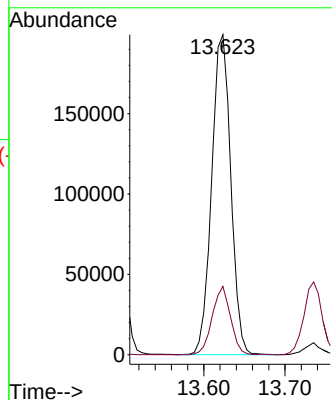
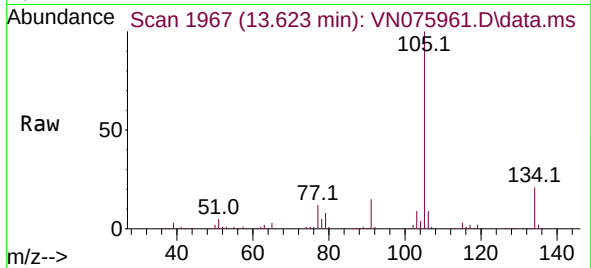




#85
 sec-Butylbenzene
 Concen: 20.844 ug/l
 RT: 13.623 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: VN075961.D
 Acq: 23 Dec 2022 13:09

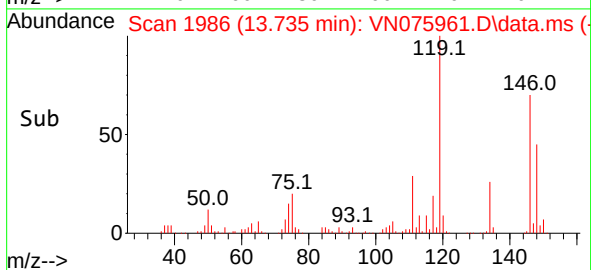
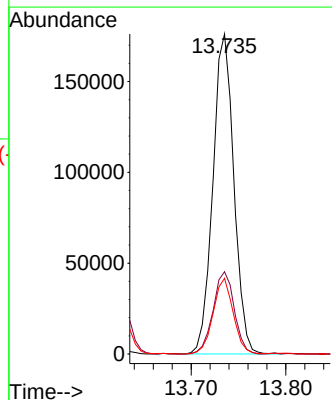
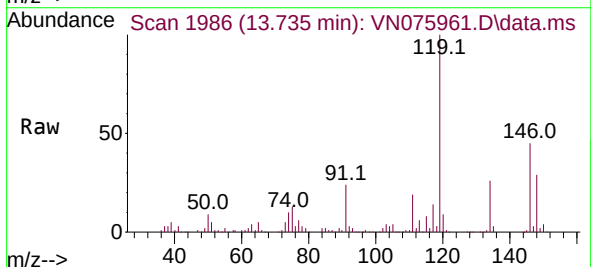
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBS01

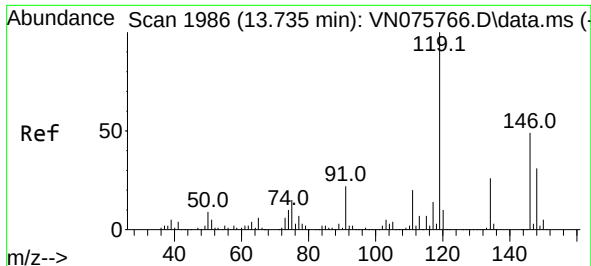
Tgt Ion:105 Resp: 326044
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.826 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075961.D
 Acq: 23 Dec 2022 13:09

Tgt Ion:119 Resp: 271063
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 22.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 19.261 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS01

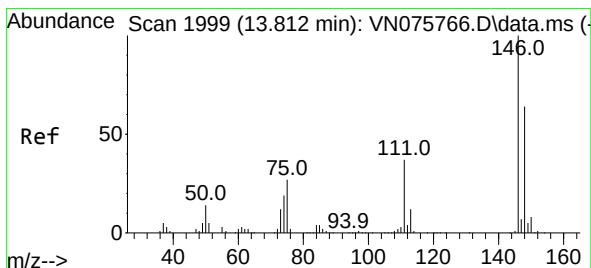
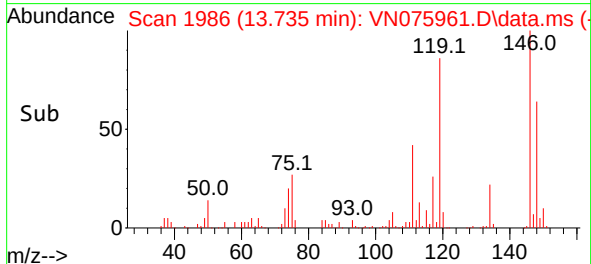
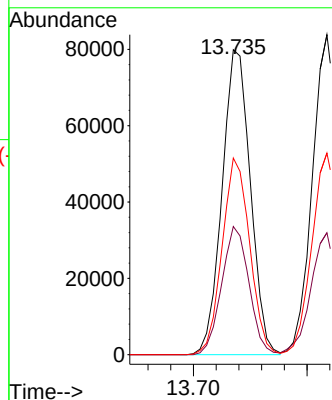
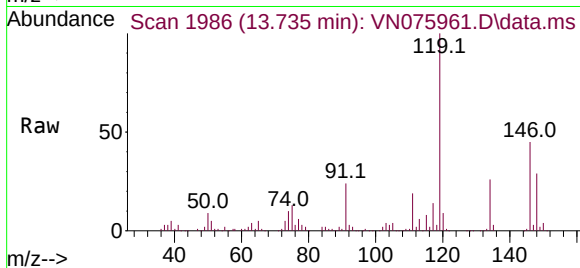
Tgt Ion:146 Resp: 138289

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.0

148 62.9 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 18.735 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

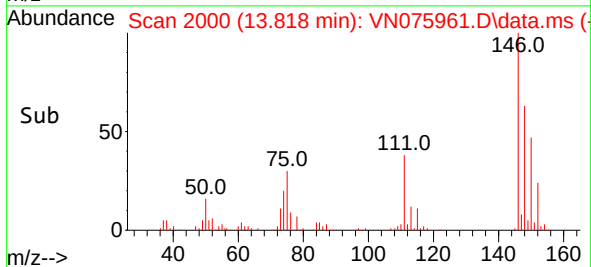
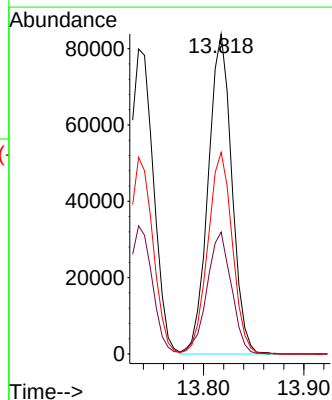
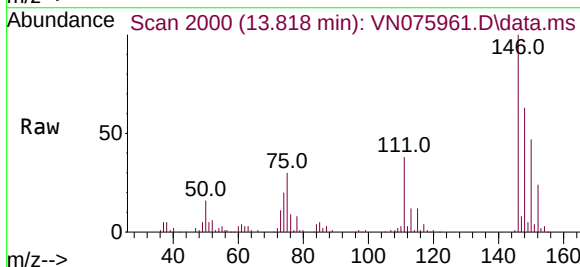
Tgt Ion:146 Resp: 137412

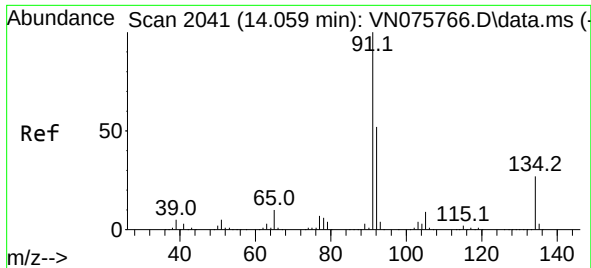
Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.1

148 65.3 32.0 96.2

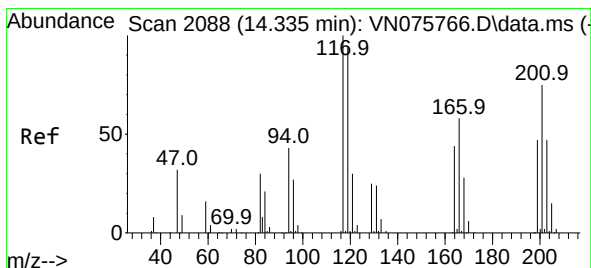
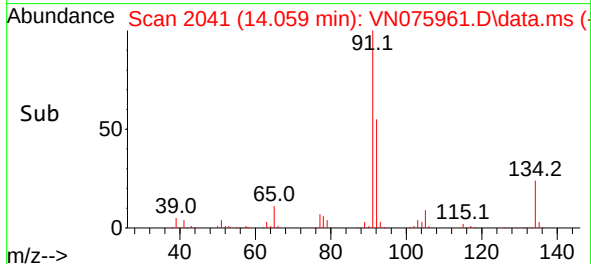
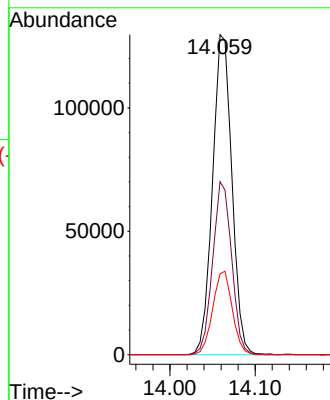
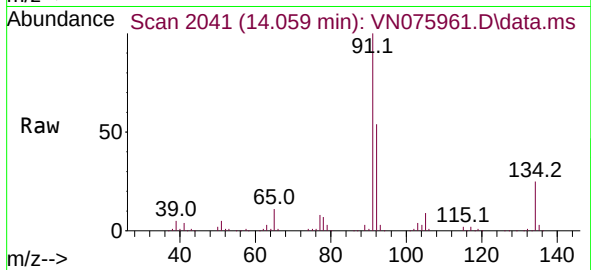




#89
n-Butylbenzene
Concen: 19.387 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

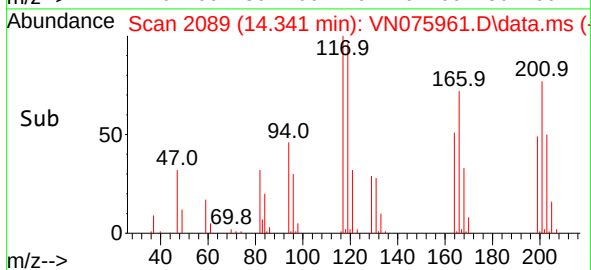
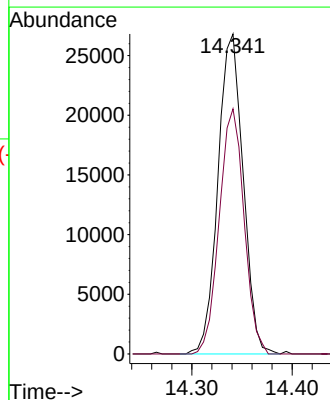
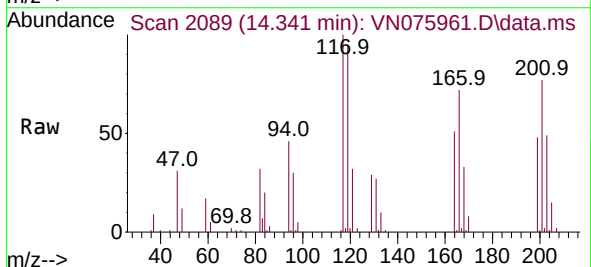
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

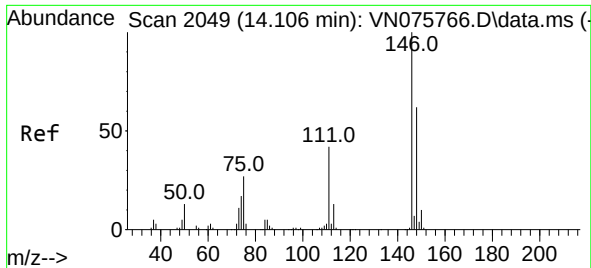
Tgt Ion: 91 Resp: 204424
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 26.4 13.4 40.2



#90
Hexachloroethane
Concen: 20.048 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 117 Resp: 46678
Ion Ratio Lower Upper
117 100
201 75.5 38.0 114.1

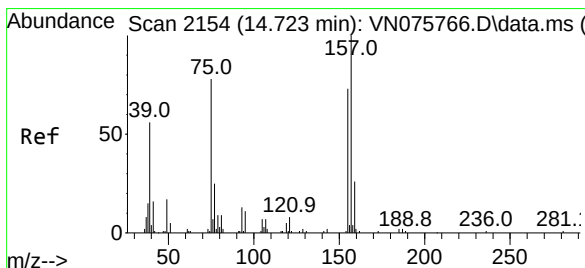
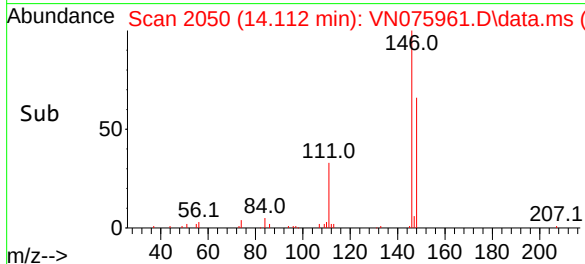
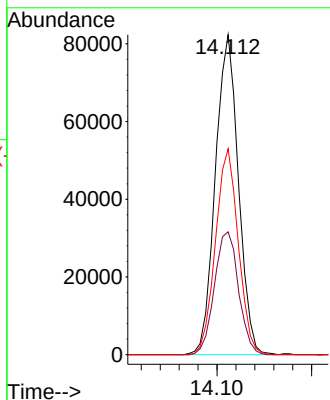
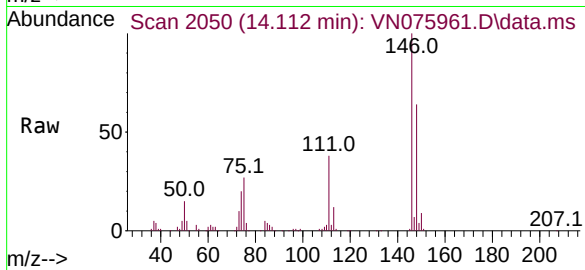




#91
1,2-Dichlorobenzene
Concen: 19.668 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

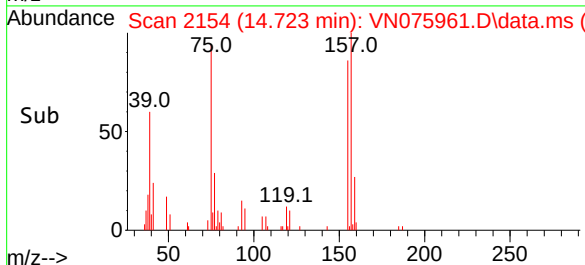
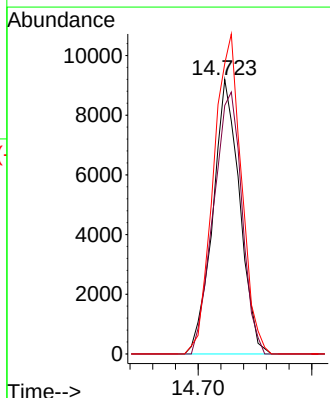
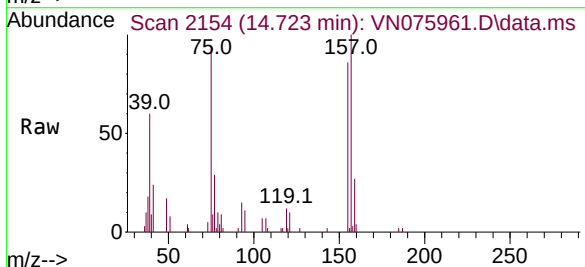
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS01

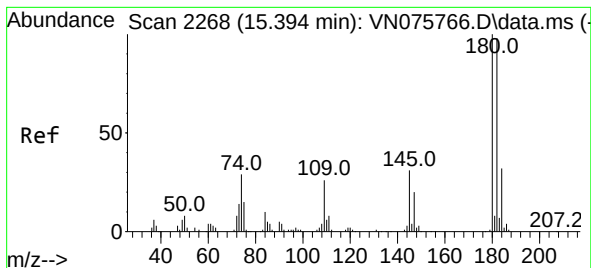
Tgt Ion:146 Resp: 139091
Ion Ratio Lower Upper
146 100
111 40.1 20.3 61.0
148 63.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.896 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075961.D
Acq: 23 Dec 2022 13:09

Tgt Ion: 75 Resp: 15077
Ion Ratio Lower Upper
75 100
155 101.0 49.3 147.8
157 121.3 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 17.967 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS01

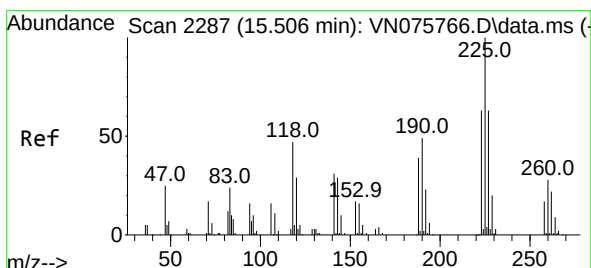
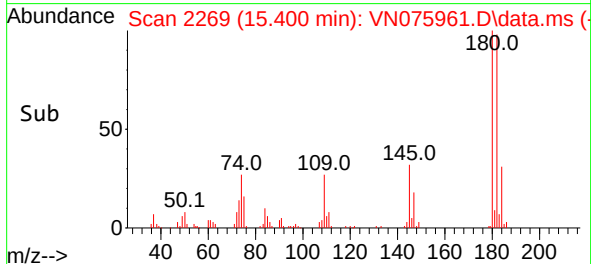
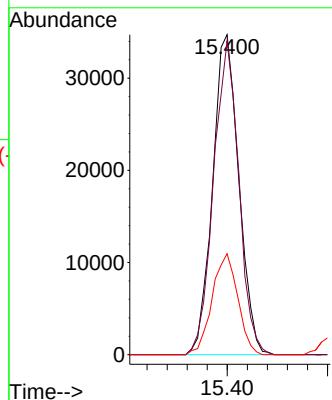
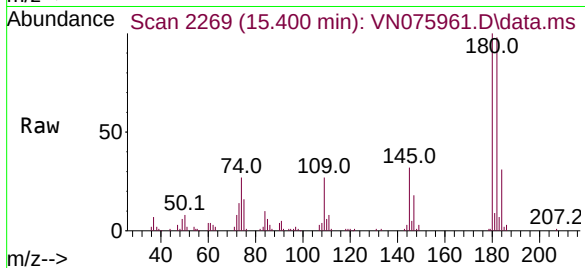
Tgt Ion:180 Resp: 62904

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 30.9 15.3 45.8



#94

Hexachlorobutadiene

Concen: 18.676 ug/l

RT: 15.512 min Scan# 2288

Delta R.T. 0.006 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

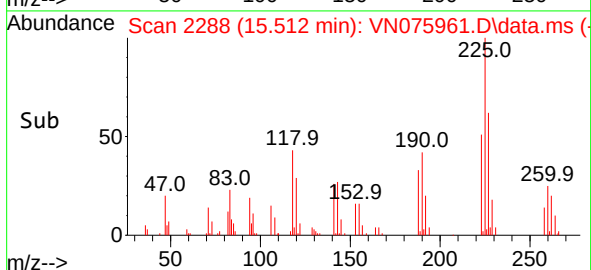
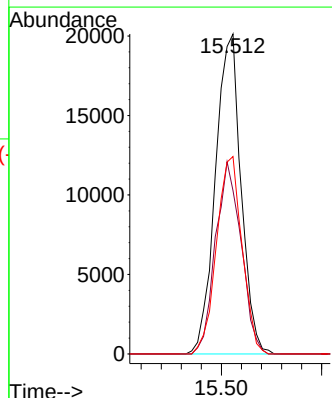
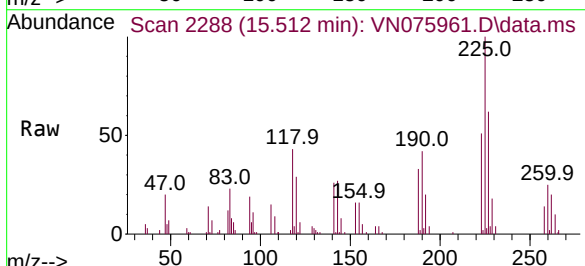
Tgt Ion:225 Resp: 35674

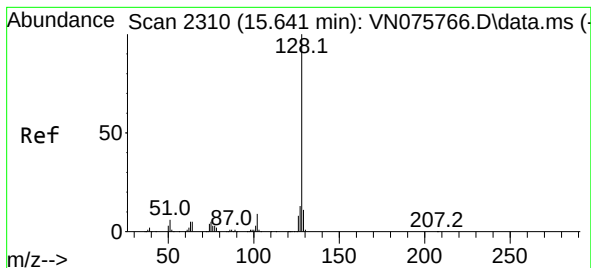
Ion Ratio Lower Upper

225 100

223 60.0 31.5 94.5

227 61.5 31.6 95.0





#95

Naphthalene

Concen: 17.876 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS01

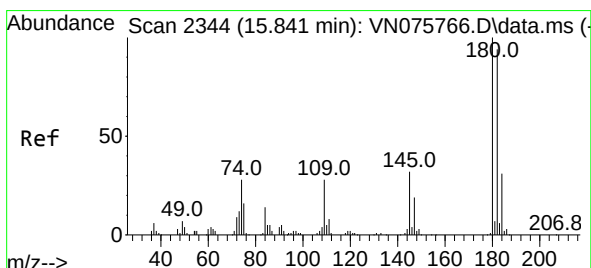
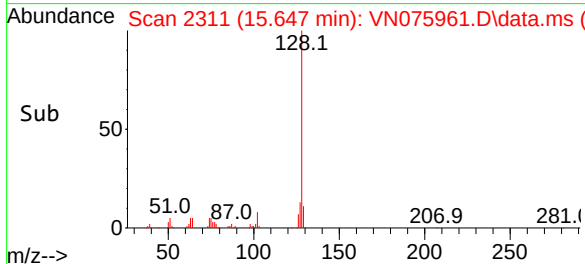
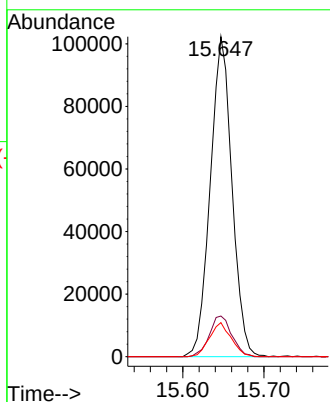
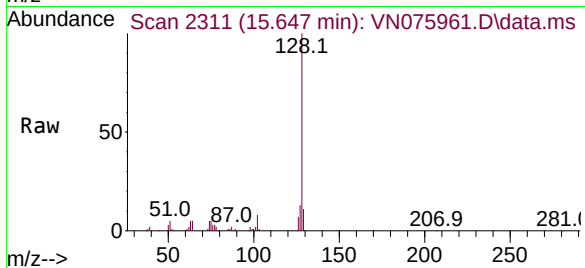
Tgt Ion:128 Resp: 189849

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.114 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075961.D

Acq: 23 Dec 2022 13:09

Tgt Ion:180 Resp: 62547

Ion Ratio Lower Upper

180 100

182 94.2 47.0 141.0

145 31.0 16.0 47.9

