

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075973.D
 Acq On : 23 Dec 2022 17:58
 Operator : JC\MD
 Sample : VN1222WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBS02

Quant Time: Dec 26 04:36:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	297943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	492241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	433264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	170955	52.742	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.480%	
35) Dibromofluoromethane	8.177	113	155336	50.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.920%	
50) Toluene-d8	10.571	98	565943	49.655	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.853	95	186389	49.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	34520	16.318	ug/l	93
3) Chloromethane	2.377	50	45744	17.389	ug/l	98
4) Vinyl Chloride	2.530	62	55826	17.791	ug/l	90
5) Bromomethane	2.965	94	46139	17.301	ug/l	99
6) Chloroethane	3.136	64	41753	17.968	ug/l	99
7) Trichlorofluoromethane	3.512	101	80727	16.954	ug/l	98
8) Diethyl Ether	3.977	74	33448	19.233	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	46713	17.181	ug/l	96
10) Methyl Iodide	4.606	142	76684	17.379	ug/l	99
11) Tert butyl alcohol	5.536	59	46205	100.742	ug/l #	87
12) 1,1-Dichloroethene	4.353	96	44575	16.880	ug/l	98
13) Acrolein	4.200	56	47026	83.634	ug/l	97
14) Allyl chloride	5.047	41	53151	17.218	ug/l	89
15) Acrylonitrile	5.730	53	127077	101.530	ug/l	99
16) Acetone	4.447	43	97346	87.122	ug/l	91
17) Carbon Disulfide	4.730	76	93141	14.568	ug/l #	95
18) Methyl Acetate	5.041	43	67543	20.450	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	172439	19.830	ug/l	94
20) Methylene Chloride	5.294	84	56947	18.651	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	50283	17.387	ug/l	97
22) Diisopropyl ether	6.683	45	149584	19.948	ug/l	99
23) Vinyl Acetate	6.618	43	498853	98.836	ug/l	99
24) 1,1-Dichloroethane	6.583	63	92172	18.430	ug/l	98
25) 2-Butanone	7.494	43	155926	99.665	ug/l	89
26) 2,2-Dichloropropane	7.500	77	68698	16.221	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	64102	18.534	ug/l	98
28) Bromochloromethane	7.824	49	41825	19.081	ug/l	100
29) Tetrahydrofuran	7.847	42	102983	105.039	ug/l	99
30) Chloroform	7.977	83	106843	18.975	ug/l	98
31) Cyclohexane	8.265	56	73288	15.787	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	92548	18.539	ug/l	98
36) 1,1-Dichloropropene	8.382	75	68984	17.035	ug/l	99
37) Ethyl Acetate	7.565	43	65404	20.108	ug/l	97
38) Carbon Tetrachloride	8.365	117	80783	17.824	ug/l	98
39) Methylcyclohexane	9.606	83	77618	15.888	ug/l	98
40) Benzene	8.612	78	222502	17.809	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	33458	19.789	ug/l	94
42) 1,2-Dichloroethane	8.677	62	78111	18.805	ug/l	100
43) Isopropyl Acetate	8.694	43	123406	23.000	ug/l	94
44) Trichloroethene	9.359	130	59882	17.013	ug/l	93
45) 1,2-Dichloropropane	9.624	63	54759	18.011	ug/l	98
46) Dibromomethane	9.712	93	41729	18.505	ug/l	98
47) Bromodichloromethane	9.894	83	82332	18.618	ug/l #	96
48) Methyl methacrylate	9.682	41	50423	20.865	ug/l	98
49) 1,4-Dioxane	9.700	88	22320	375.688	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	343031	105.714	ug/l	99
52) Toluene	10.635	92	147120	18.080	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	77937	18.004	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	87533	18.417	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	61750	19.334	ug/l	99
56) Ethyl methacrylate	10.876	69	85254	20.096	ug/l	97
57) 1,3-Dichloropropane	11.165	76	99054	18.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	131399	97.285	ug/l	100
59) 2-Hexanone	11.200	43	248103	104.844	ug/l	99
60) Dibromochloromethane	11.365	129	66706	18.781	ug/l	97
61) 1,2-Dibromoethane	11.470	107	62547	19.352	ug/l	97
64) Tetrachloroethene	11.106	164	51493	16.890	ug/l	98
65) Chlorobenzene	11.894	112	158429	17.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	62072	18.845	ug/l	97
67) Ethyl Benzene	11.970	91	271119	18.064	ug/l	100
68) m/p-Xylenes	12.076	106	216265	36.406	ug/l	99
69) o-Xylene	12.406	106	109875	18.691	ug/l	98
70) Styrene	12.412	104	175369	18.762	ug/l	98
71) Bromoform	12.582	173	47106	19.654	ug/l #	98
73) Isopropylbenzene	12.700	105	280250	19.259	ug/l	99
74) N-amyl acetate	12.500	43	90610	21.225	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	89625	19.924	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	102760	25.316	ug/l	72
77) Bromobenzene	12.982	156	69483	18.868	ug/l	99
78) n-propylbenzene	13.041	91	299260	18.646	ug/l	99
79) 2-Chlorotoluene	13.129	91	188579	18.823	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	231829	19.035	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21981	19.492	ug/l #	87
82) 4-Chlorotoluene	13.129	91	188579	18.823	ug/l	99
83) tert-Butylbenzene	13.441	119	211039	19.654	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	236207	19.550	ug/l	99
85) sec-Butylbenzene	13.623	105	275111	18.562	ug/l	99
86) p-Isopropyltoluene	13.735	119	230066	18.656	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	123053	18.089	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	122639	17.648	ug/l	97
89) n-Butylbenzene	14.059	91	170584	17.074	ug/l	100
90) Hexachloroethane	14.335	117	41339	18.740	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	126358	18.858	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15018	18.815	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	54149	16.323	ug/l	99
94) Hexachlorobutadiene	15.506	225	28805	15.916	ug/l	97
95) Naphthalene	15.647	128	170358	17.046	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	54145	17.463	ug/l	98

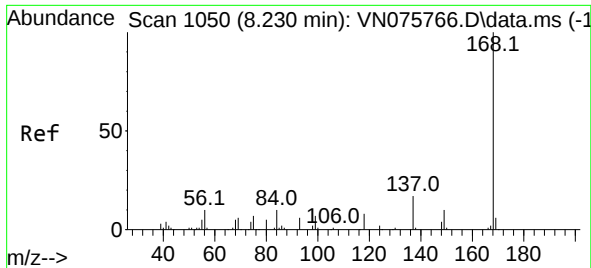
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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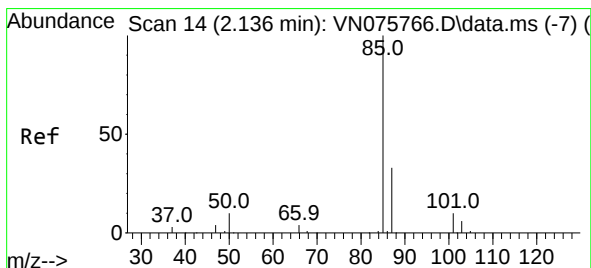
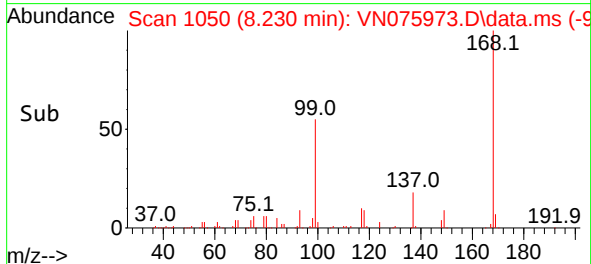
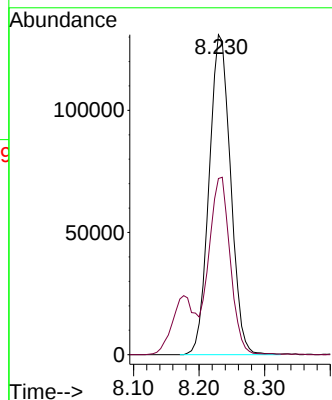
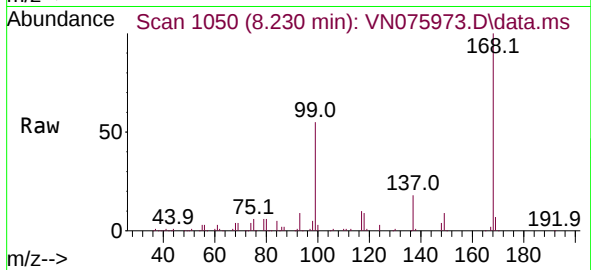
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

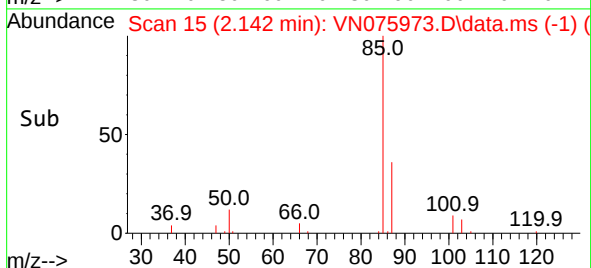
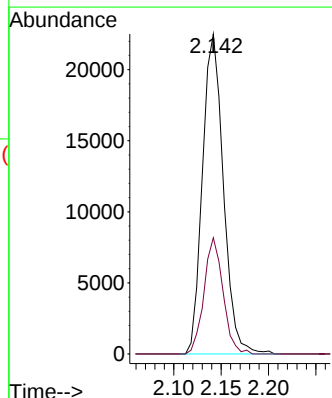
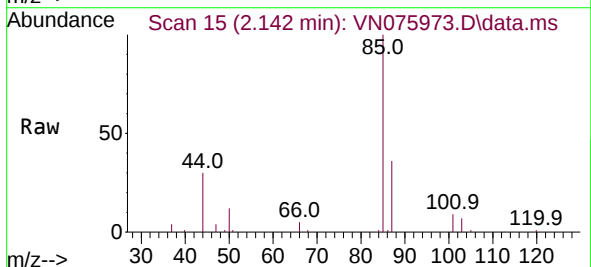
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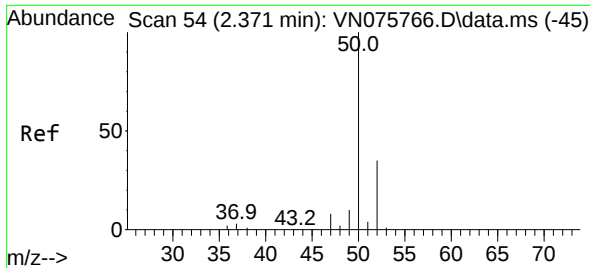
Tgt Ion:168 Resp: 297943
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 16.318 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 85 Resp: 34520
Ion Ratio Lower Upper
85 100
87 36.3 16.3 48.9

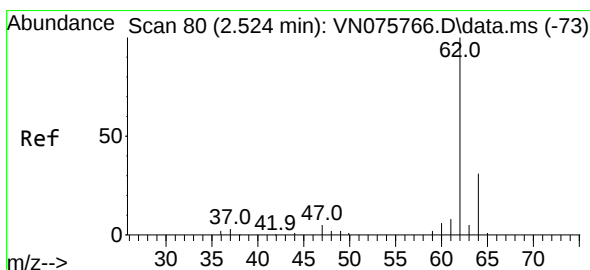
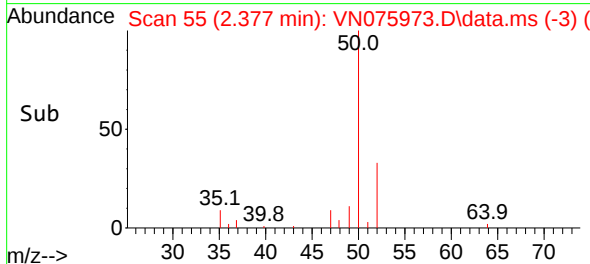
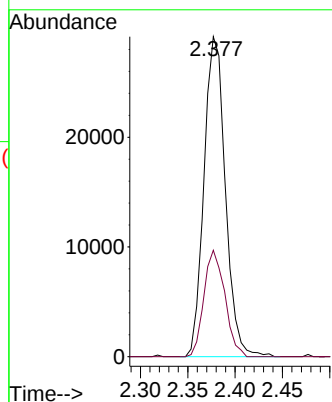
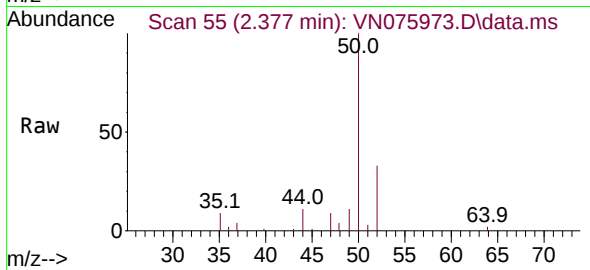




#3
Chloromethane
Concen: 17.389 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

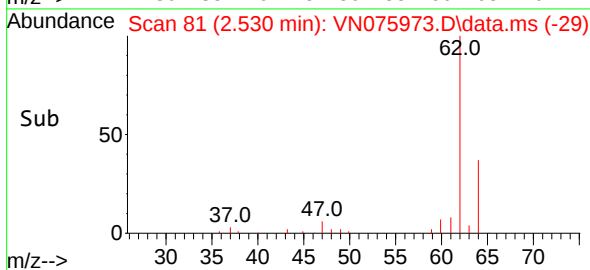
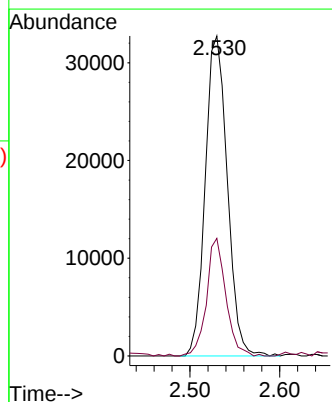
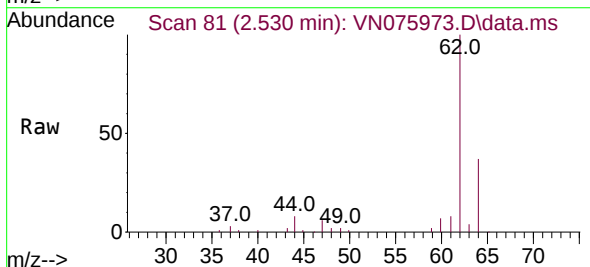
Instrument :
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ClientSampleId :
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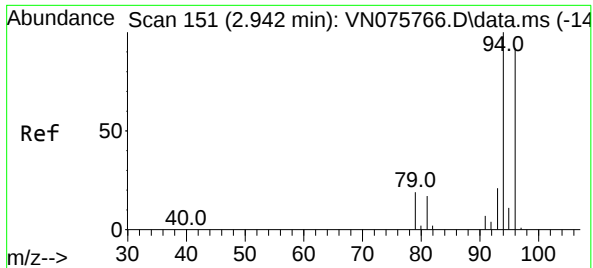
Tgt Ion: 50 Resp: 45744
Ion Ratio Lower Upper
50 100
52 33.2 27.7 41.5



#4
Vinyl Chloride
Concen: 17.791 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 62 Resp: 55826
Ion Ratio Lower Upper
62 100
64 36.8 24.9 37.3

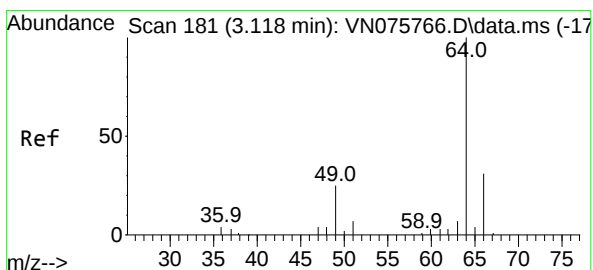
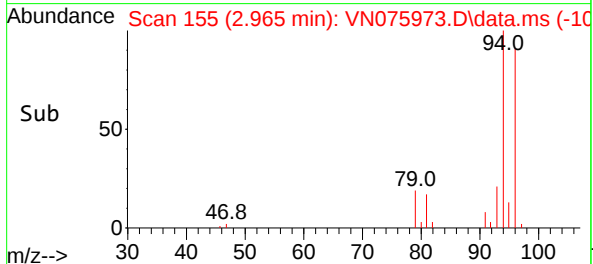
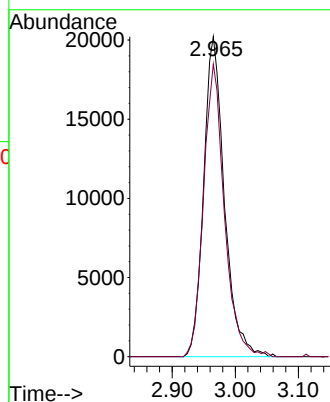
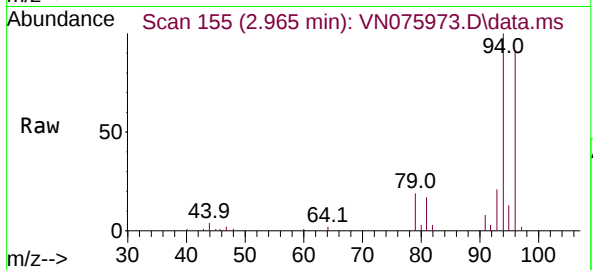




#5
Bromomethane
Concen: 17.301 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

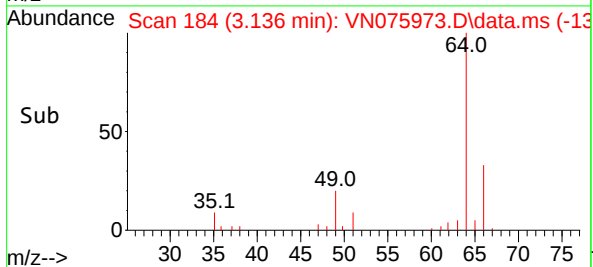
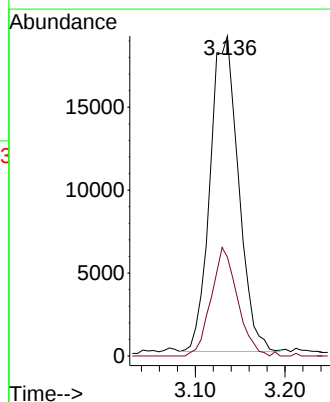
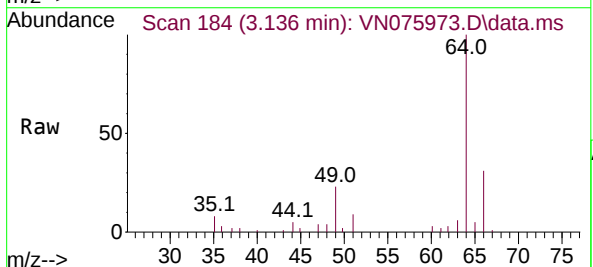
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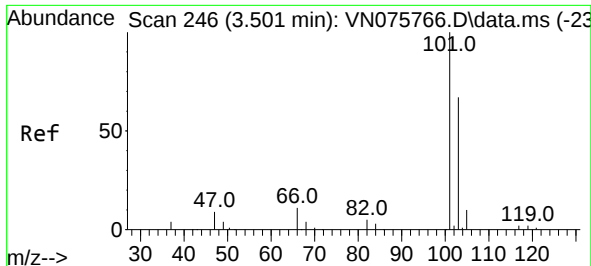
Tgt Ion: 94 Resp: 46139
Ion Ratio Lower Upper
94 100
96 91.5 73.8 110.6



#6
Chloroethane
Concen: 17.968 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.018 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 64 Resp: 41753
Ion Ratio Lower Upper
64 100
66 31.4 24.6 36.8

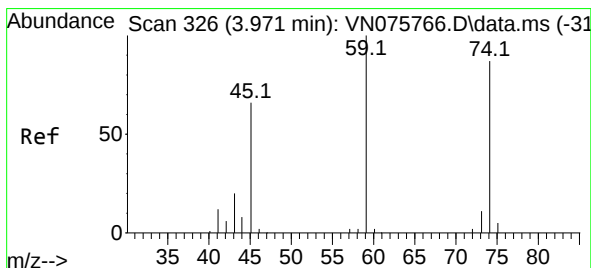
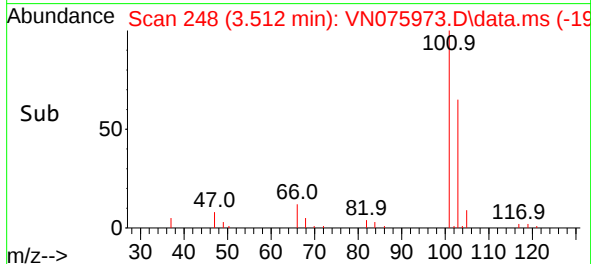
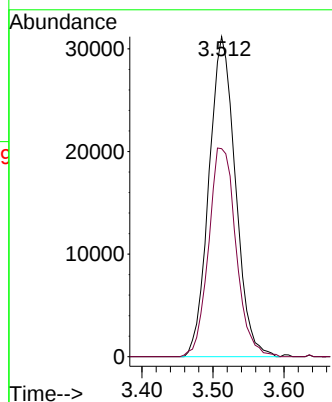
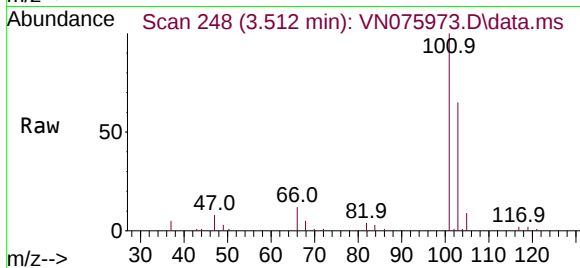




#7
 Trichlorofluoromethane
 Concen: 16.954 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075973.D
 Acq: 23 Dec 2022 17:58

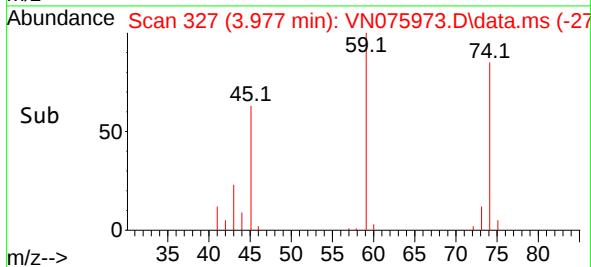
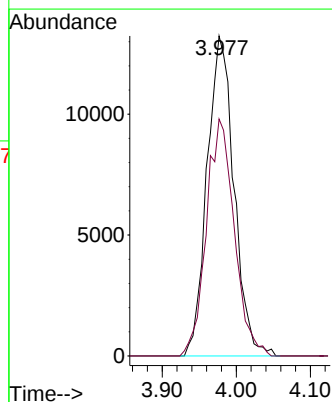
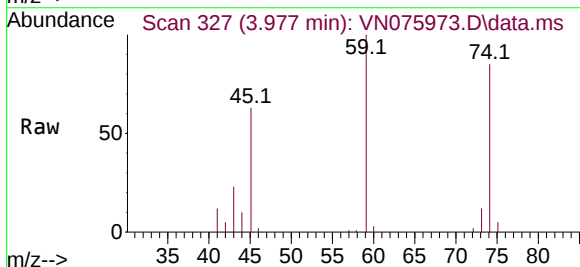
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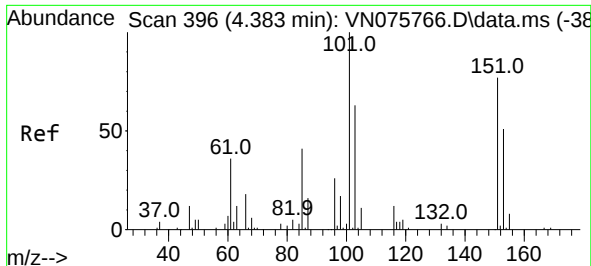
Tgt Ion:101 Resp: 80727
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.4 80.2



#8
 Diethyl Ether
 Concen: 19.233 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075973.D
 Acq: 23 Dec 2022 17:58

Tgt Ion: 74 Resp: 33448
 Ion Ratio Lower Upper
 74 100
 45 76.7 37.8 113.4

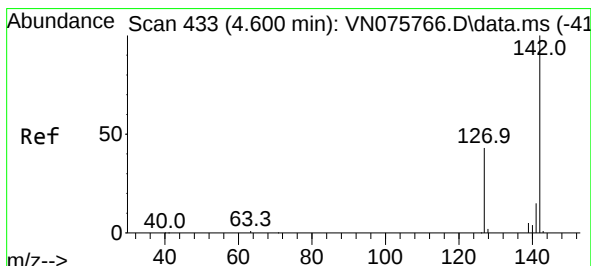
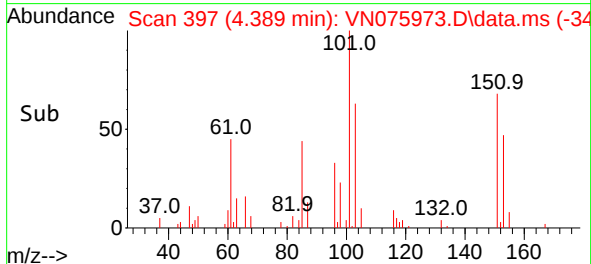
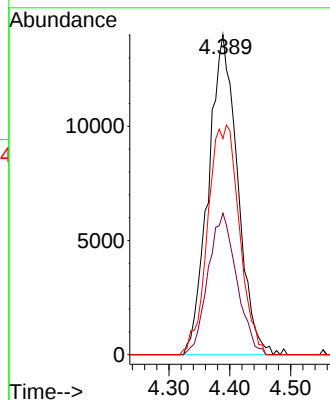
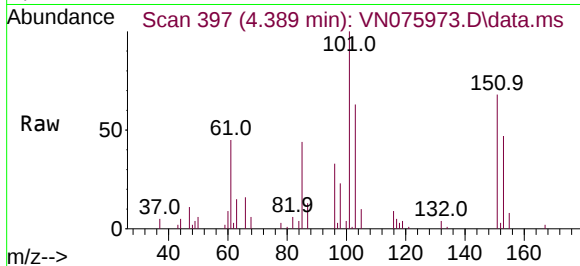




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.181 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075973.D
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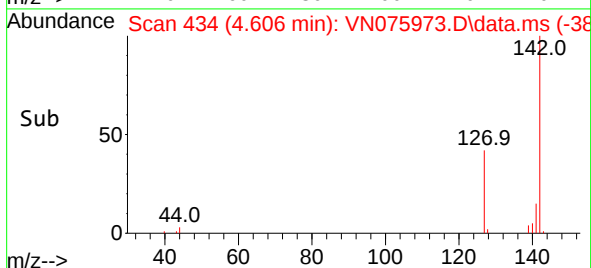
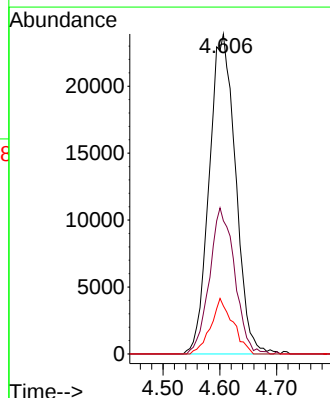
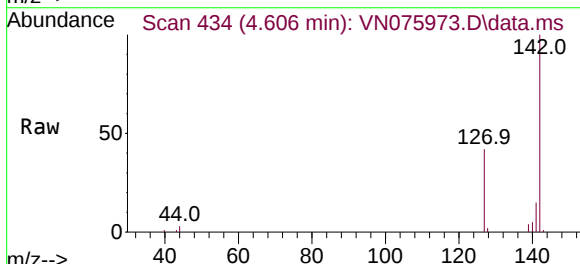
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

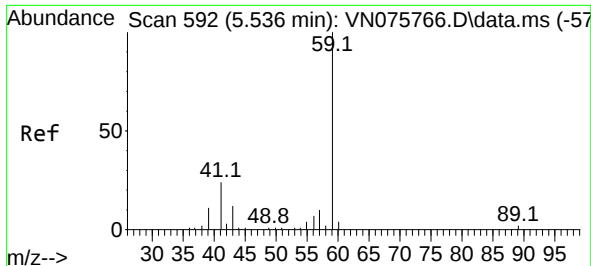
Tgt Ion:	101	Resp:	46713
Ion	Ratio	Lower	Upper
101	100		
85	43.3	35.3	52.9
151	77.6	65.6	98.4



#10
Methyl Iodide
Concen: 17.379 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion:	142	Resp:	76684
Ion	Ratio	Lower	Upper
142	100		
127	43.7	34.7	52.1
141	14.7	11.4	17.2

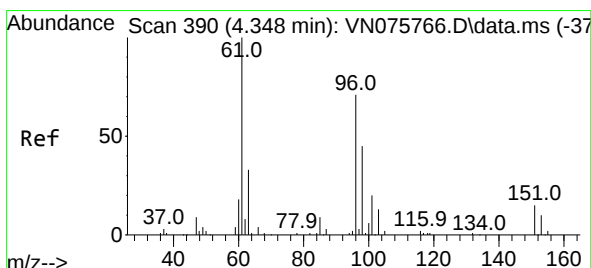
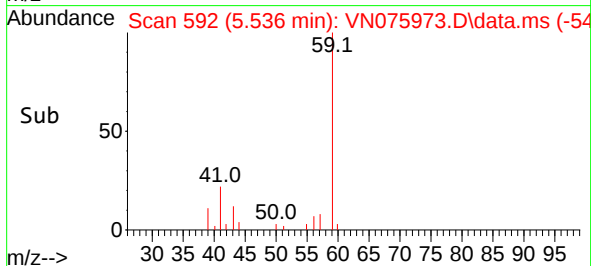
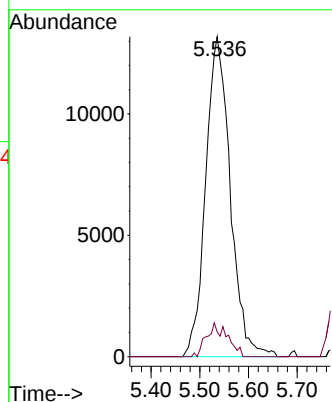
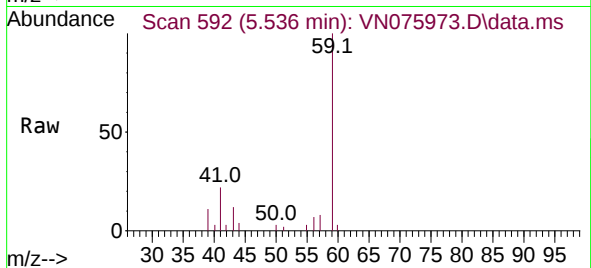




#11
Tert butyl alcohol
Concen: 100.742 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

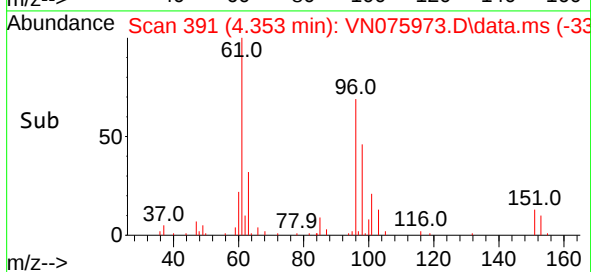
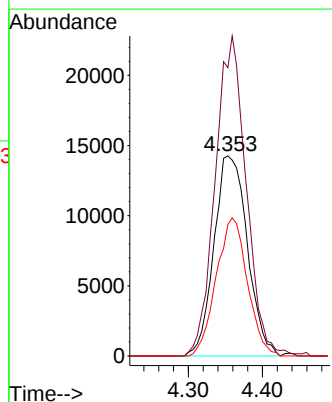
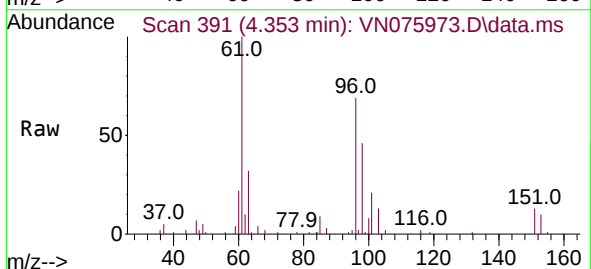
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

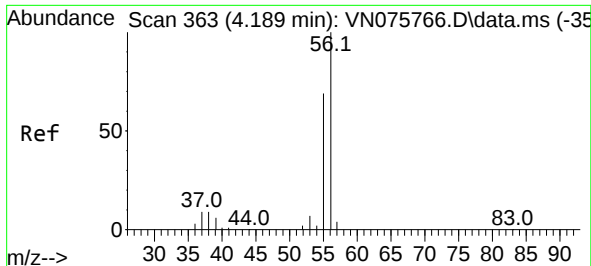
Tgt Ion: 59 Resp: 46205
Ion Ratio Lower Upper
59 100
57 5.4 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 16.880 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 96 Resp: 44575
Ion Ratio Lower Upper
96 100
61 144.2 113.3 169.9
98 65.7 50.9 76.3

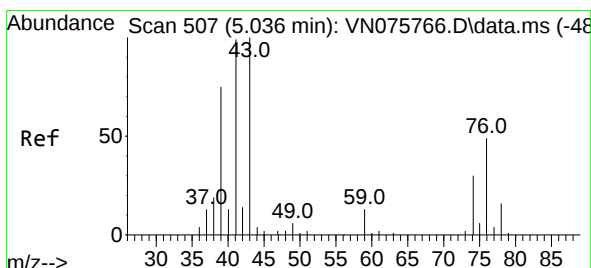
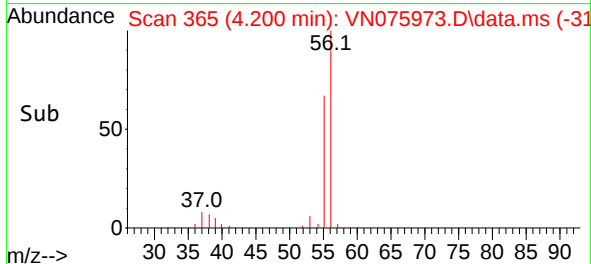
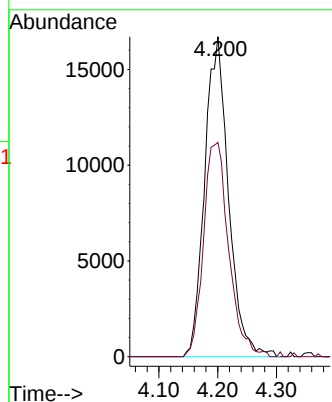
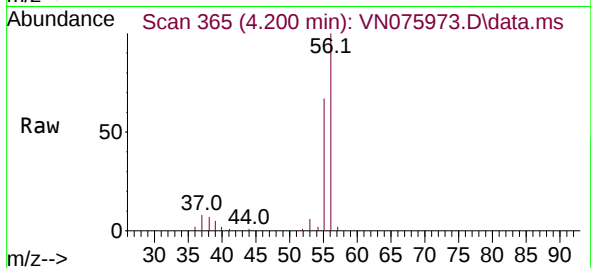




#13
Acrolein
Concen: 83.634 ug/l
RT: 4.200 min Scan# 309
Delta R.T. 0.012 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

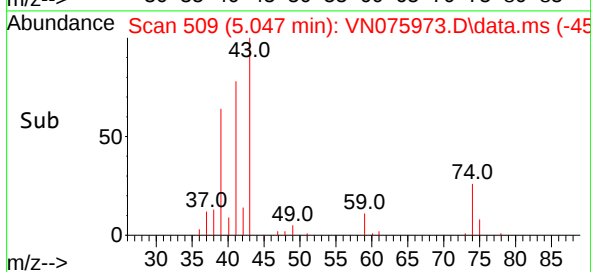
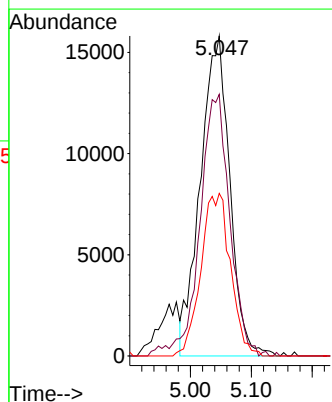
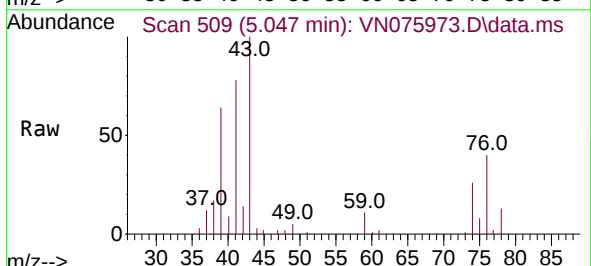
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

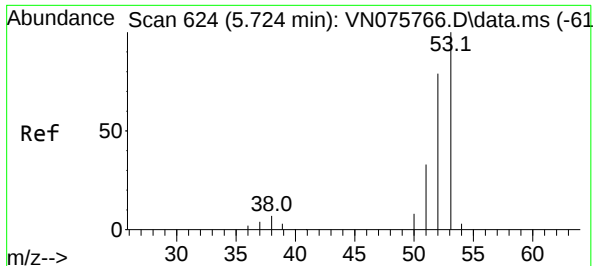
Tgt Ion: 56 Resp: 47026
Ion Ratio Lower Upper
56 100
55 70.7 54.8 82.2



#14
Allyl chloride
Concen: 17.218 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 41 Resp: 53151
Ion Ratio Lower Upper
41 100
39 83.1 58.3 87.5
76 51.1 35.8 53.6

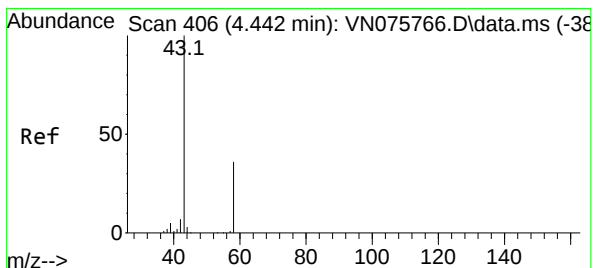
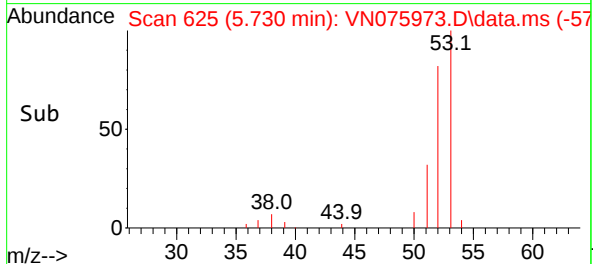
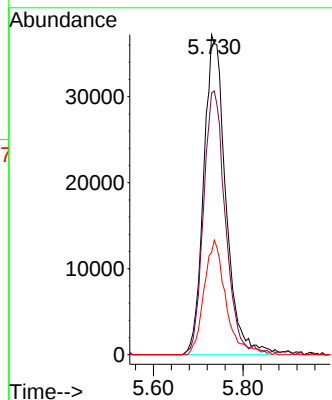
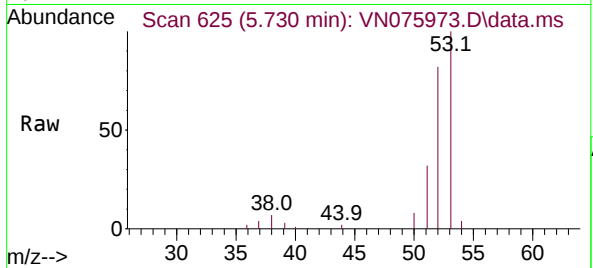




#15
Acrylonitrile
Concen: 101.530 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

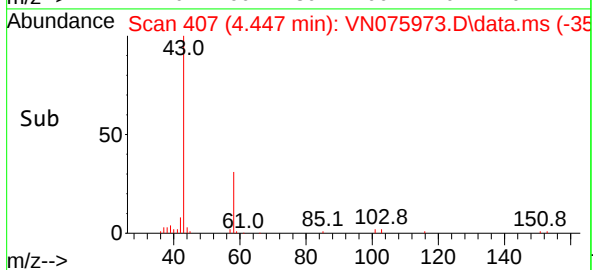
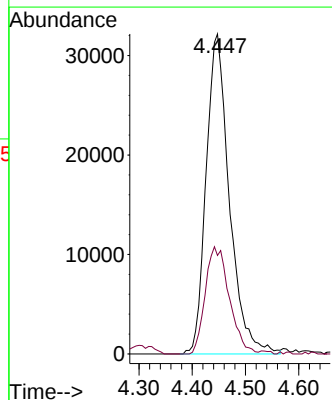
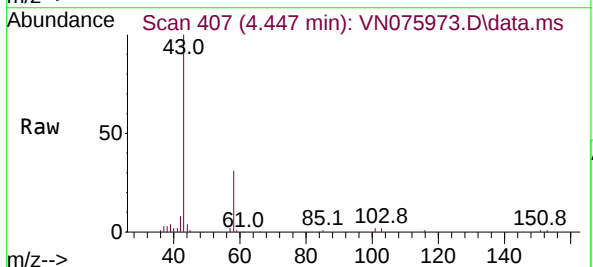
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

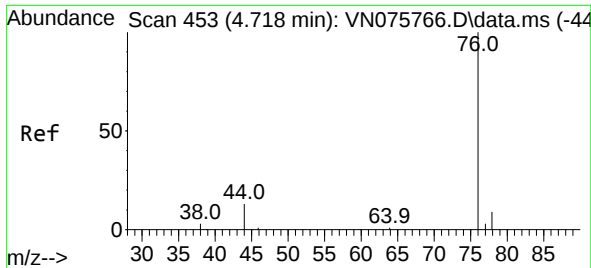
Tgt Ion: 53 Resp: 127077
Ion Ratio Lower Upper
53 100
52 80.5 65.4 98.0
51 35.4 28.9 43.3



#16
Acetone
Concen: 87.122 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 43 Resp: 97346
Ion Ratio Lower Upper
43 100
58 30.8 28.6 43.0

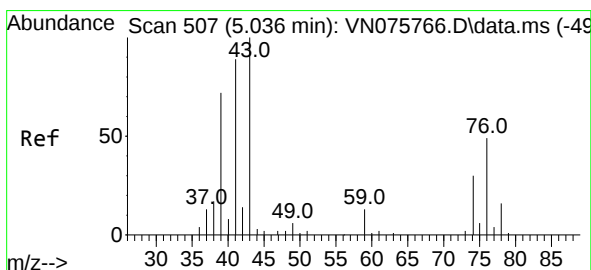
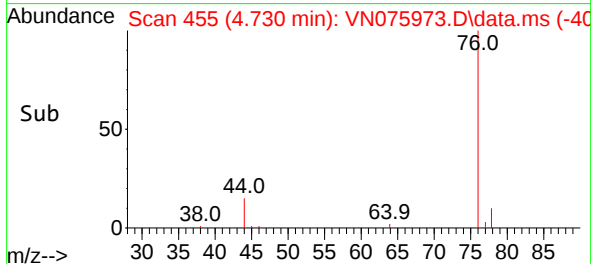
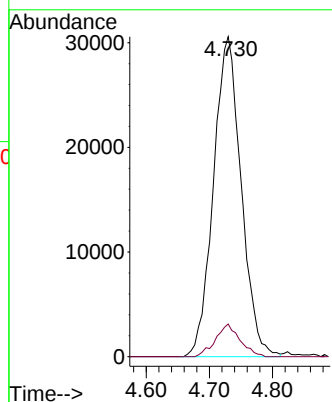
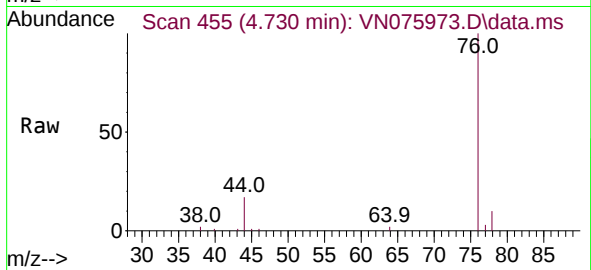




#17
Carbon Disulfide
Concen: 14.568 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

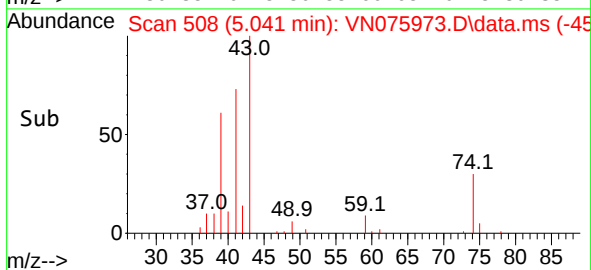
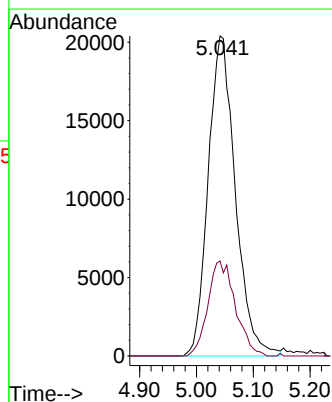
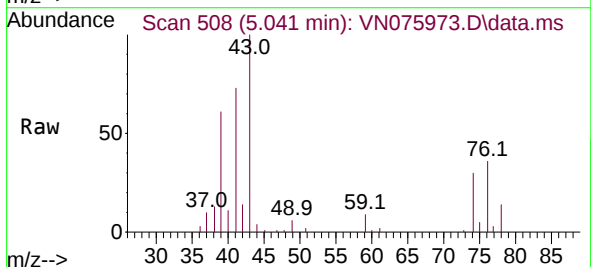
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

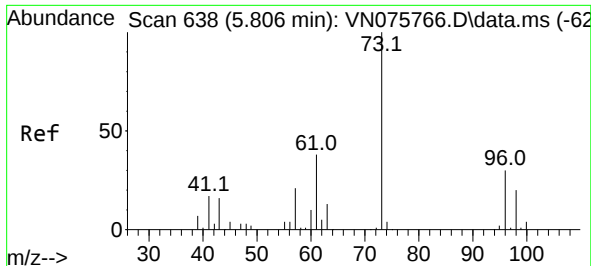
Tgt Ion: 76 Resp: 93141
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2#



#18
Methyl Acetate
Concen: 20.450 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 43 Resp: 67543
Ion Ratio Lower Upper
43 100
74 30.1 23.6 35.4

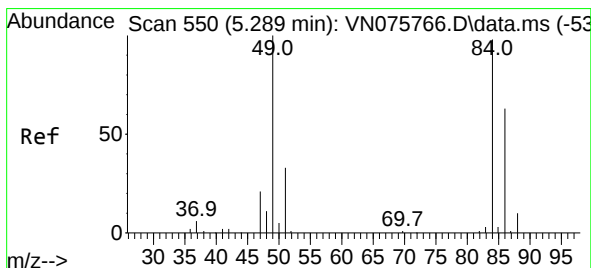
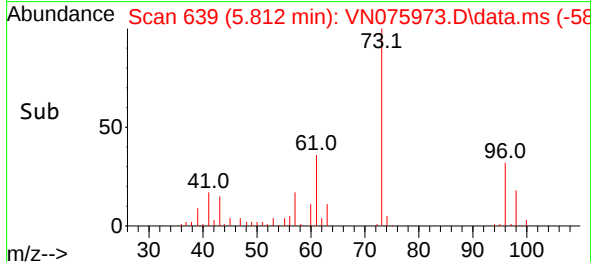
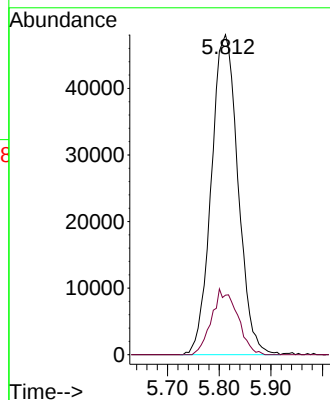
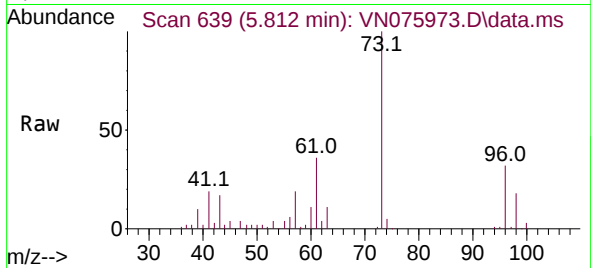




#19
Methyl tert-butyl Ether
Concen: 19.830 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

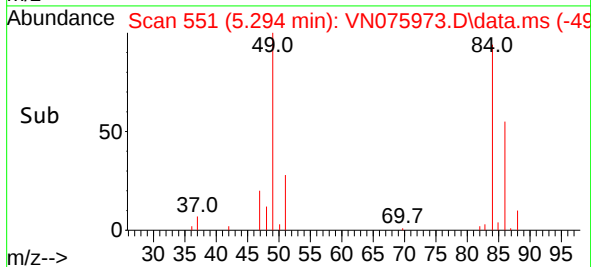
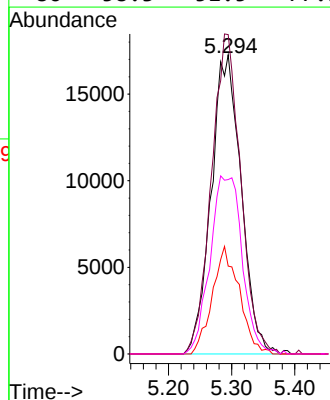
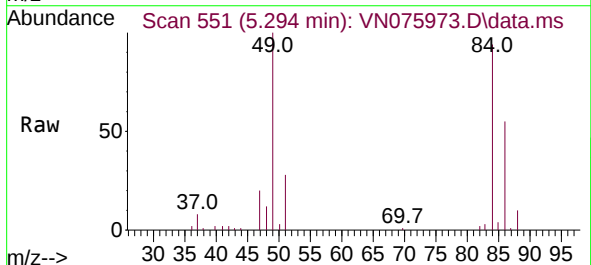
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS02

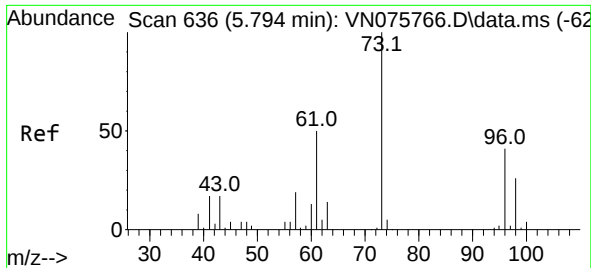
Tgt Ion: 73 Resp: 172439
Ion Ratio Lower Upper
73 100
57 18.6 17.1 25.7



#20
Methylene Chloride
Concen: 18.651 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 84 Resp: 56947
Ion Ratio Lower Upper
84 100
49 106.7 81.8 122.6
51 29.4 26.7 40.1
86 58.3 51.5 77.3

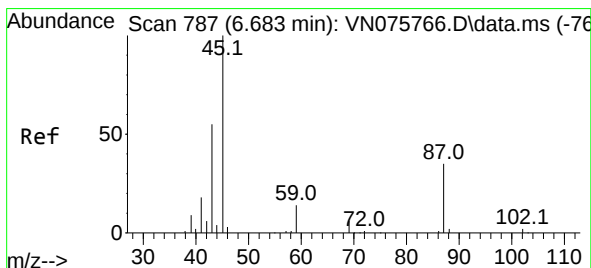
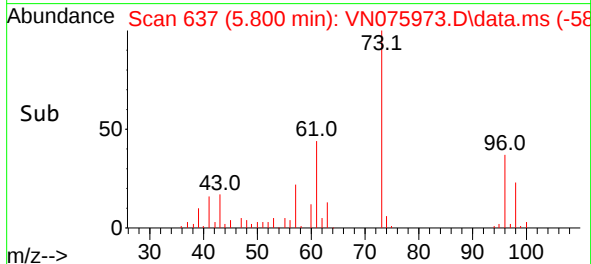
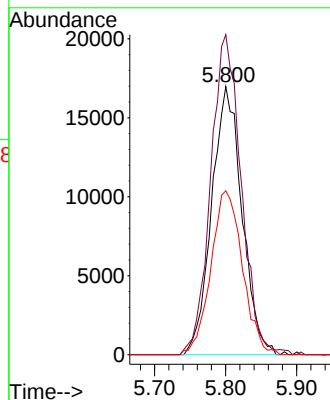
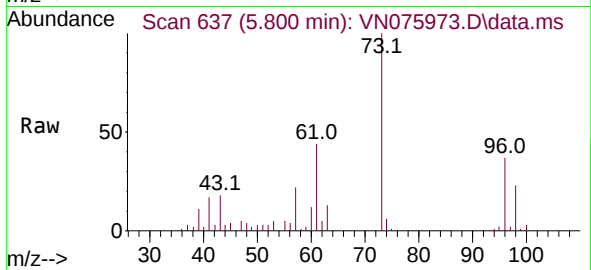




#21
trans-1,2-Dichloroethene
Concen: 17.387 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

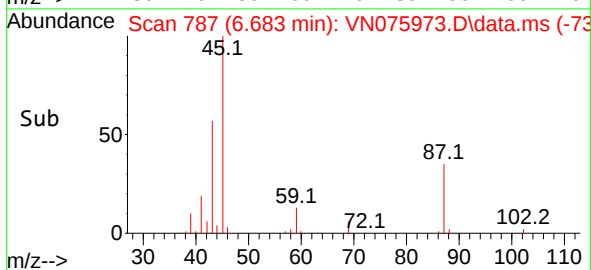
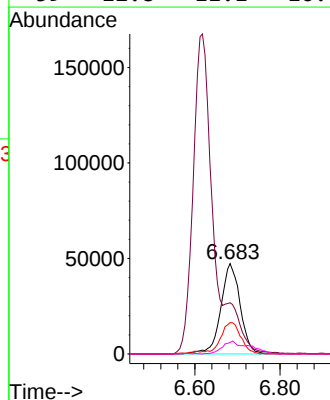
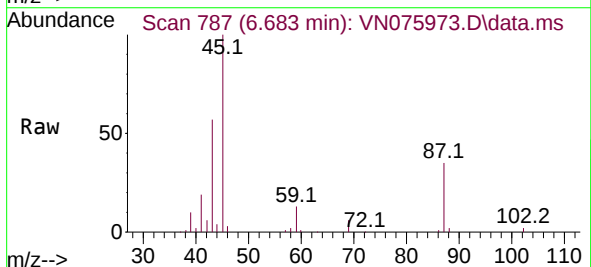
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

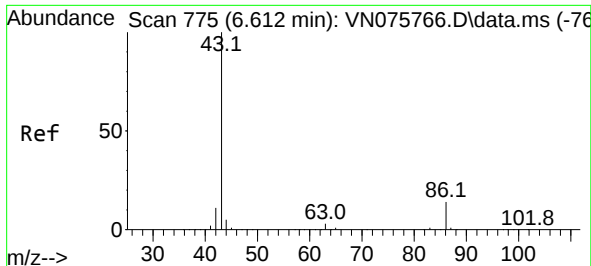
Tgt Ion: 96 Resp: 50283
Ion Ratio Lower Upper
96 100
61 119.3 98.1 147.1
98 61.1 51.4 77.2



#22
Diisopropyl ether
Concen: 19.948 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 45 Resp: 149584
Ion Ratio Lower Upper
45 100
43 55.8 44.2 66.4
87 34.6 28.3 42.5
59 12.8 11.1 16.7

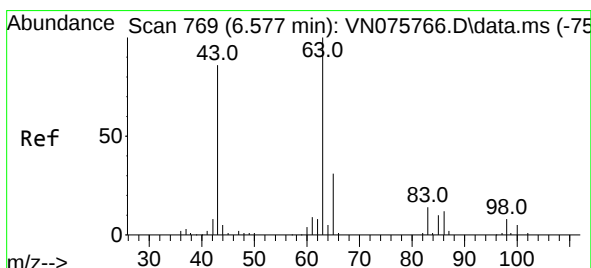
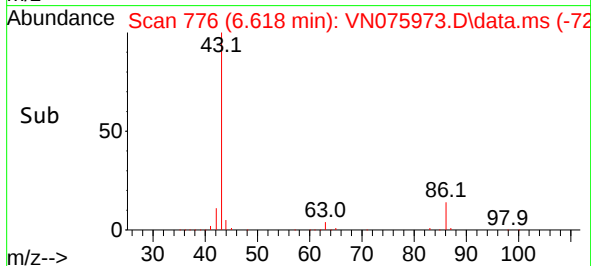
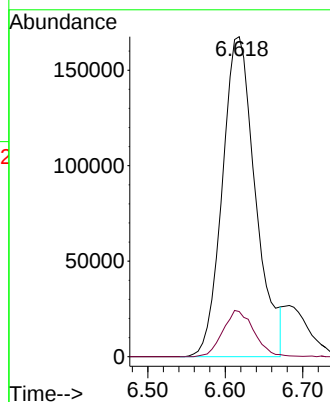
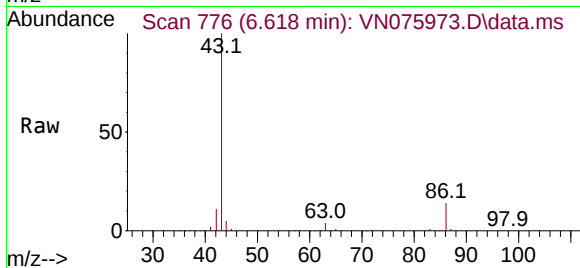




#23
 Vinyl Acetate
 Concen: 98.836 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075973.D
 Acq: 23 Dec 2022 17:58

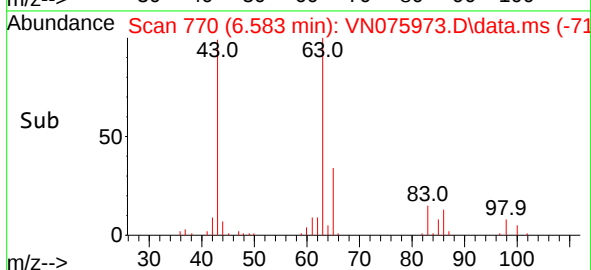
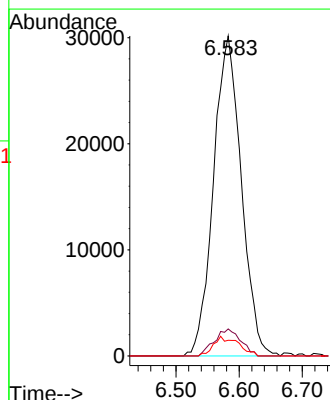
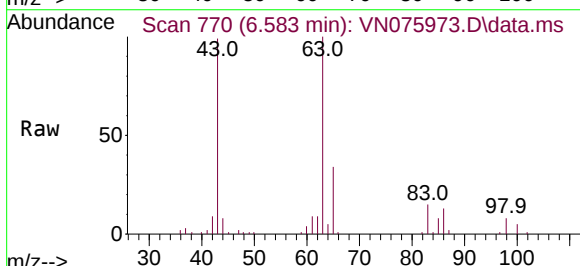
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBSD02

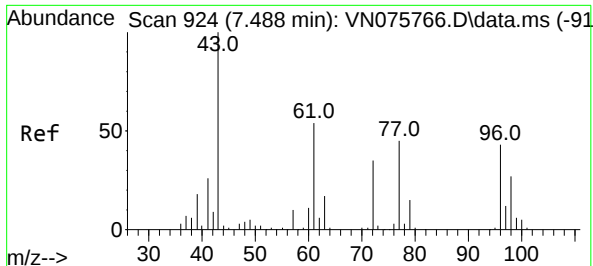
Tgt Ion: 43 Resp: 498853
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 18.430 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075973.D
 Acq: 23 Dec 2022 17:58

Tgt Ion: 63 Resp: 92172
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.5
 100 4.9 2.5 7.6

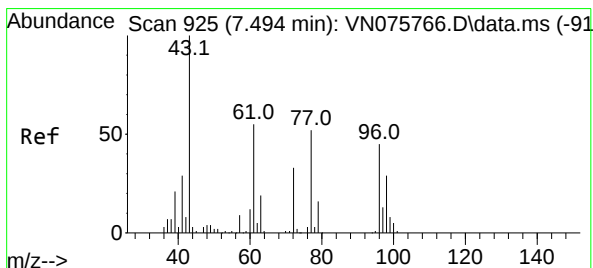
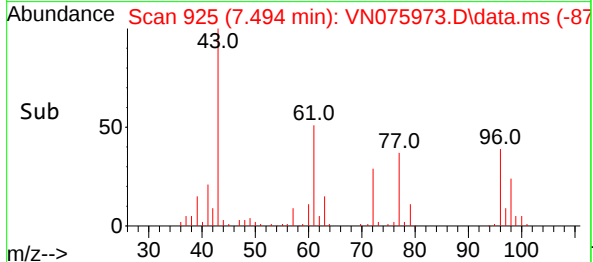
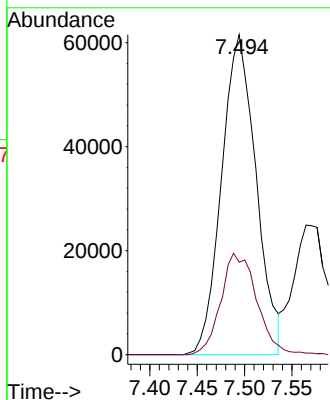
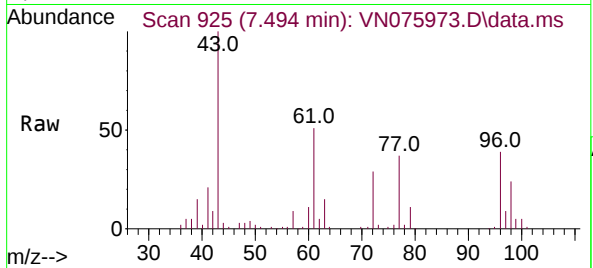




#25
2-Butanone
Concen: 99.665 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

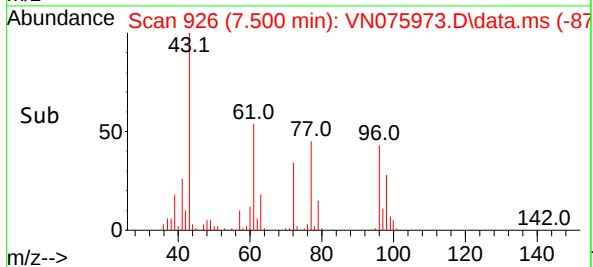
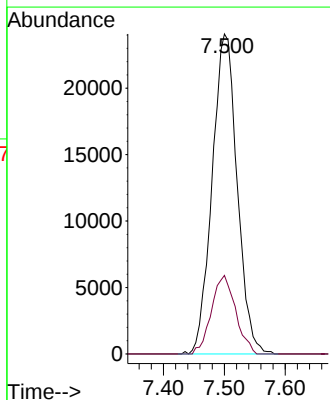
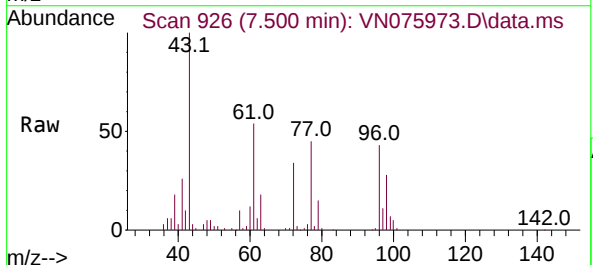
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

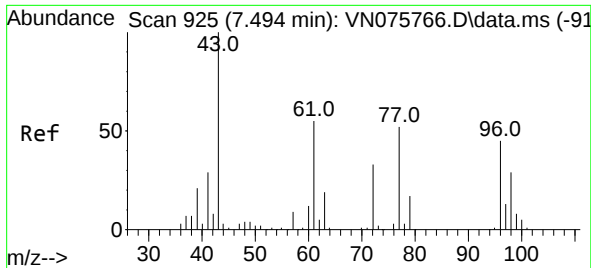
Tgt Ion: 43 Resp: 155926
Ion Ratio Lower Upper
43 100
72 28.9 28.0 42.0



#26
2,2-Dichloropropane
Concen: 16.221 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 77 Resp: 68698
Ion Ratio Lower Upper
77 100
97 23.7 12.7 38.0

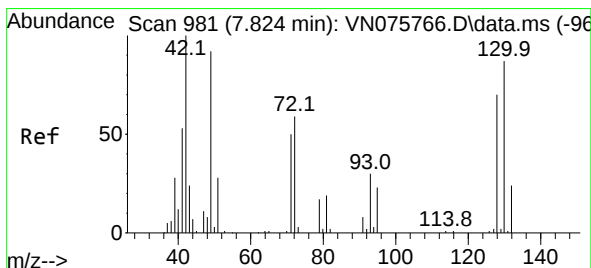
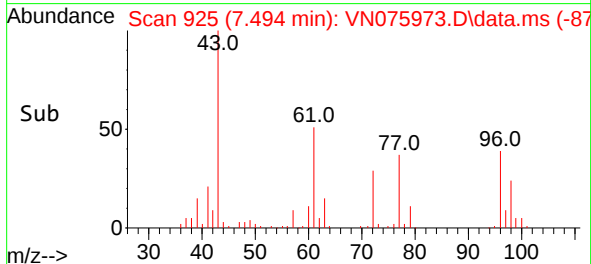
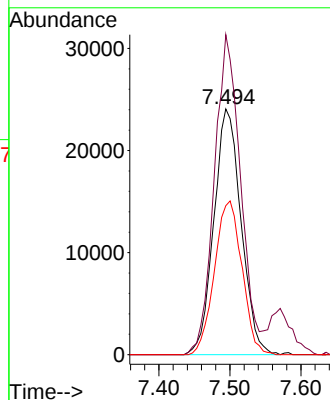
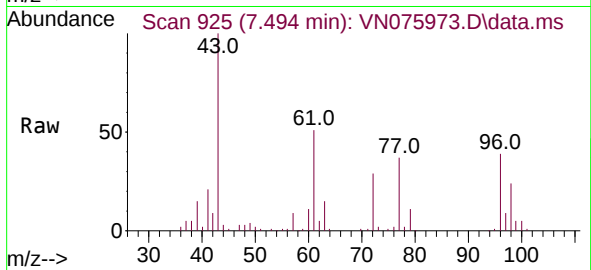




#27
 cis-1,2-Dichloroethene
 Concen: 18.534 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075973.D
 Acq: 23 Dec 2022 17:58

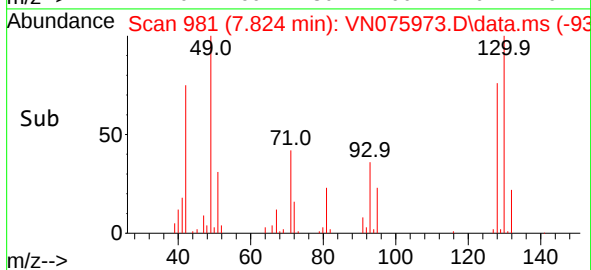
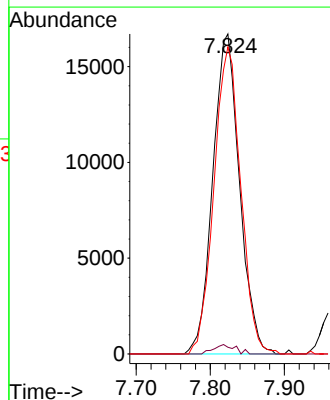
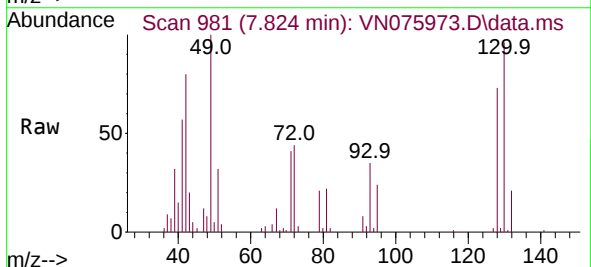
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBSD02

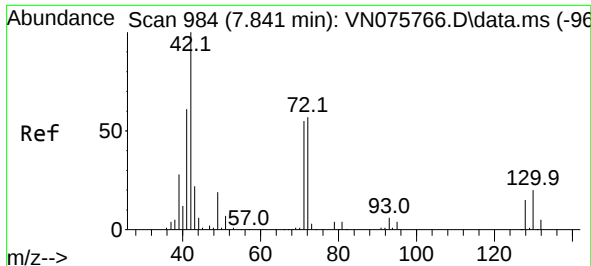
Tgt Ion: 96 Resp: 64102
 Ion Ratio Lower Upper
 96 100
 61 125.9 0.0 247.8
 98 63.1 0.0 128.4



#28
 Bromochloromethane
 Concen: 19.081 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN075973.D
 Acq: 23 Dec 2022 17:58

Tgt Ion: 49 Resp: 41825
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 96.2 77.0 115.4





#29

Tetrahydrofuran

Concen: 105.039 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS02

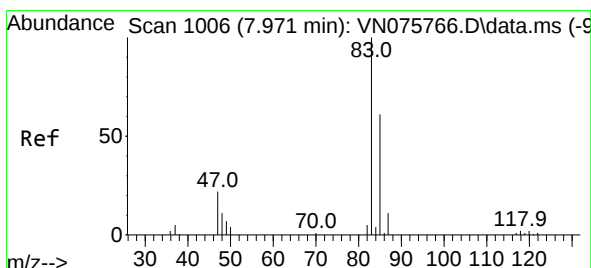
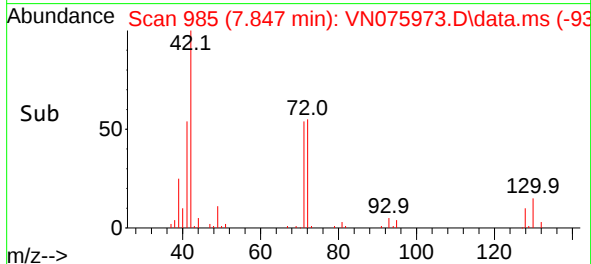
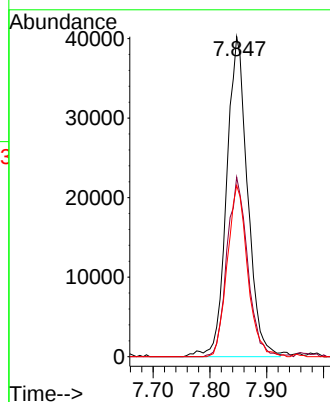
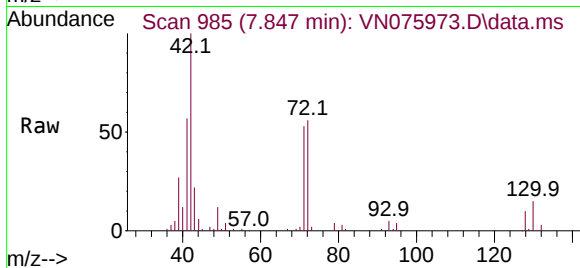
Tgt Ion: 42 Resp: 102983

Ion Ratio Lower Upper

42 100

72 55.3 44.5 66.7

71 51.8 41.0 61.6



#30

Chloroform

Concen: 18.975 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN075973.D

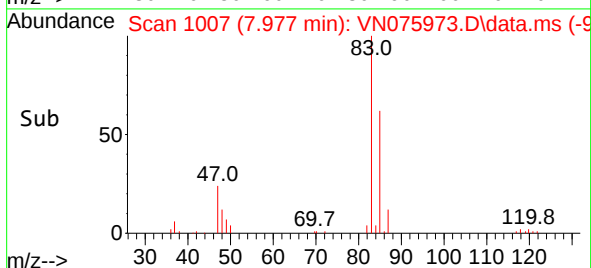
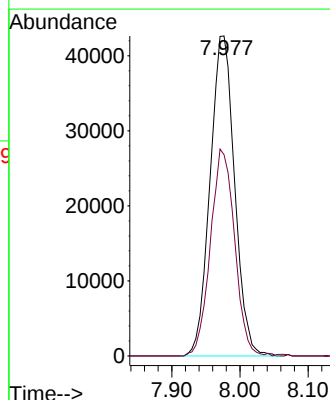
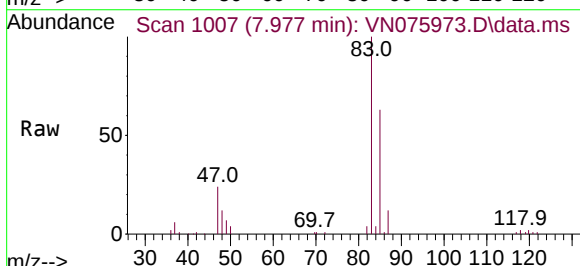
Acq: 23 Dec 2022 17:58

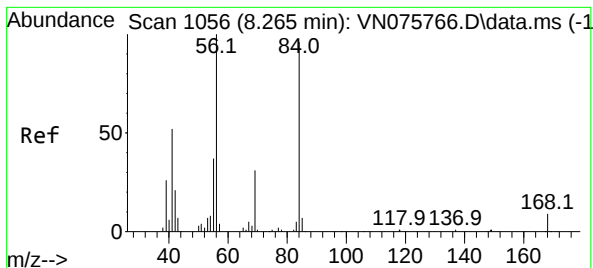
Tgt Ion: 83 Resp: 106843

Ion Ratio Lower Upper

83 100

85 62.9 49.1 73.7





#31

Cyclohexane

Concen: 15.787 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBSD02

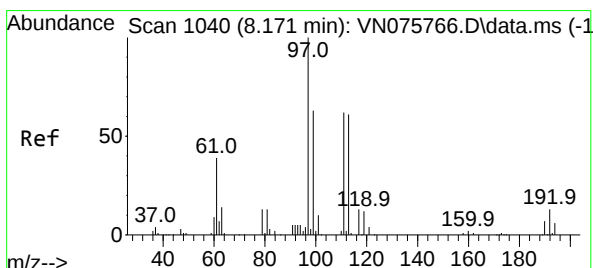
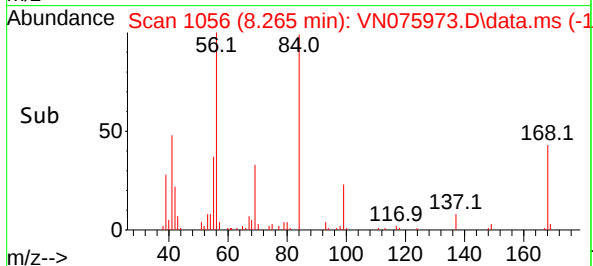
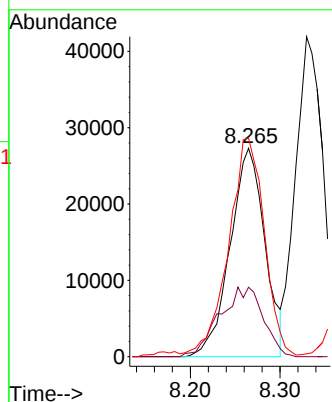
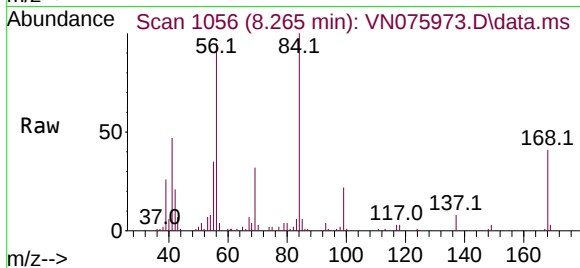
Tgt Ion: 56 Resp: 73288

Ion Ratio Lower Upper

56 100

69 33.3 24.7 37.1

84 103.6 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 18.539 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

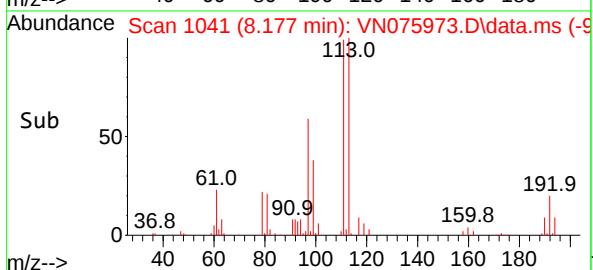
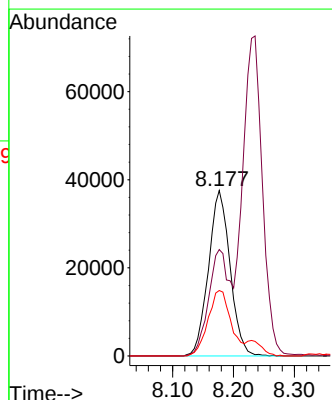
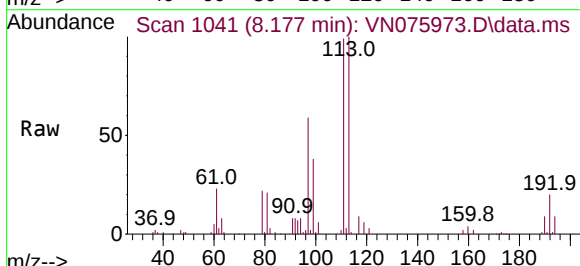
Tgt Ion: 97 Resp: 92548

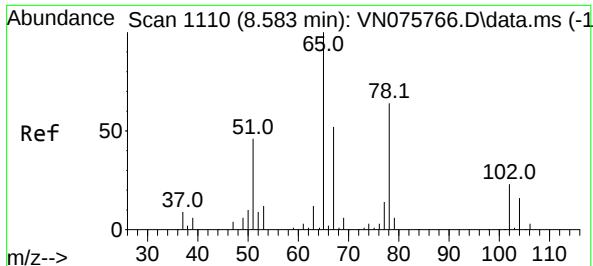
Ion Ratio Lower Upper

97 100

99 64.2 50.2 75.2

61 42.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.742 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

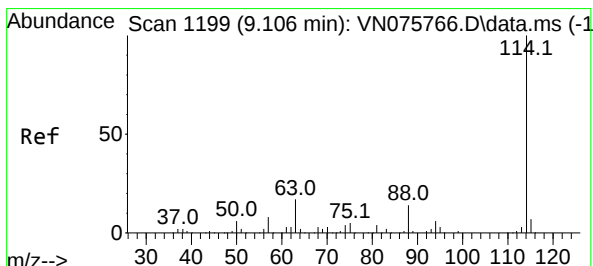
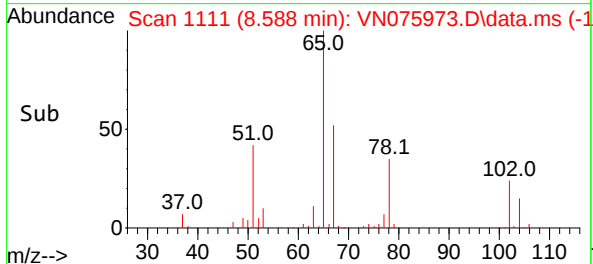
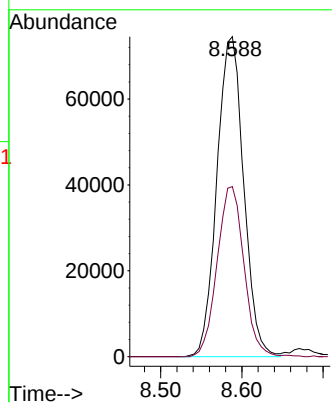
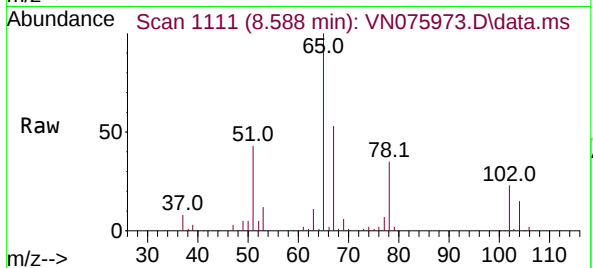
VN1223MBS02

Tgt Ion: 65 Resp: 170955

Ion Ratio Lower Upper

65 100

67 53.2 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: VN075973.D

Acq: 23 Dec 2022 17:58

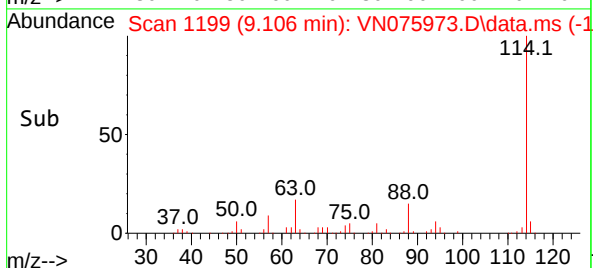
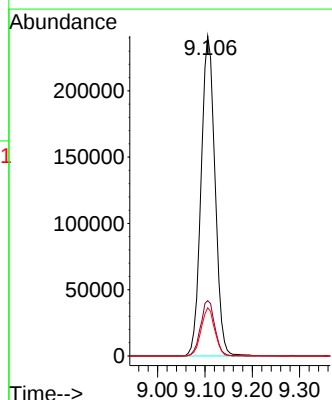
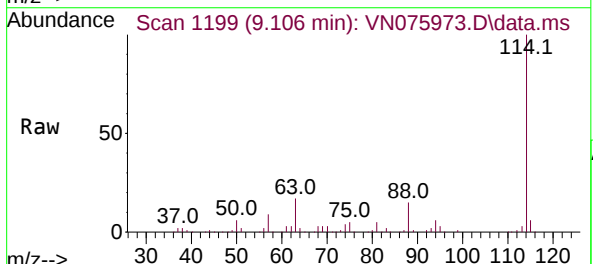
Tgt Ion: 114 Resp: 492241

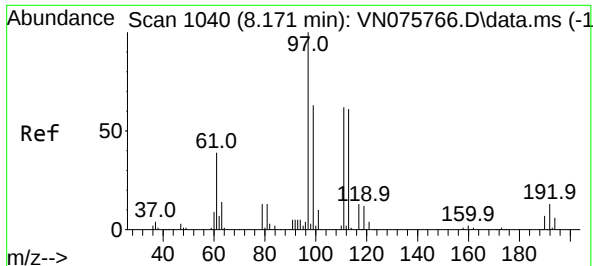
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 15.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.957 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS02

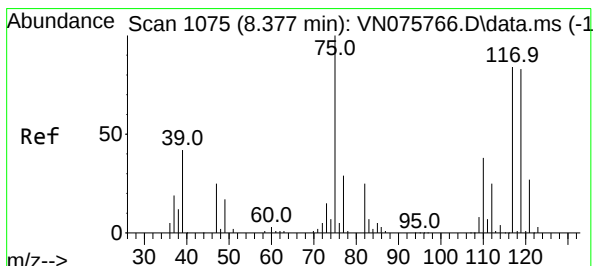
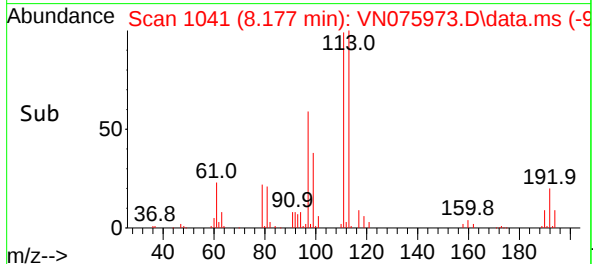
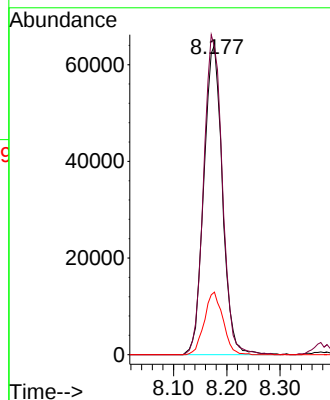
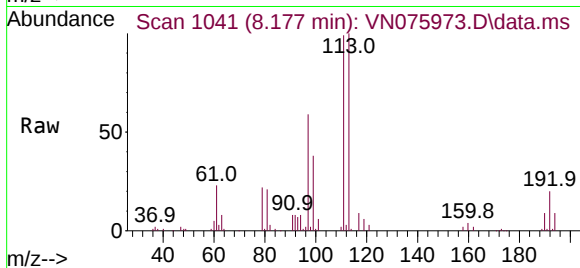
Tgt Ion:113 Resp: 155336

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

192 20.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 17.035 ug/l

RT: 8.382 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

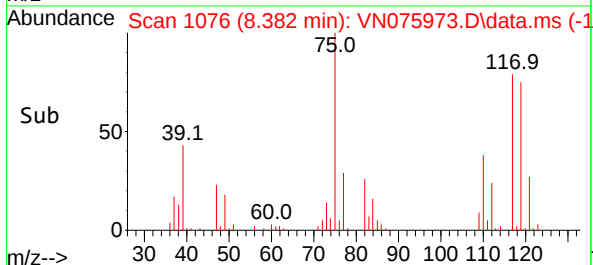
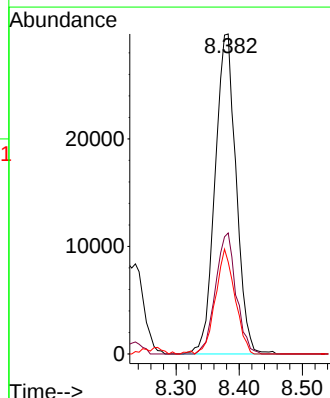
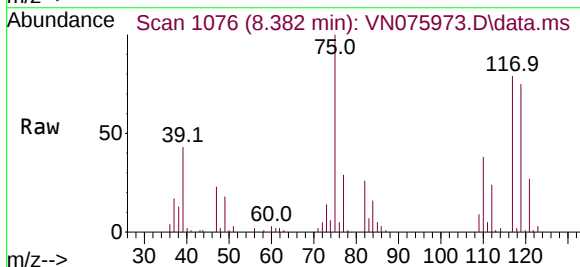
Tgt Ion: 75 Resp: 68984

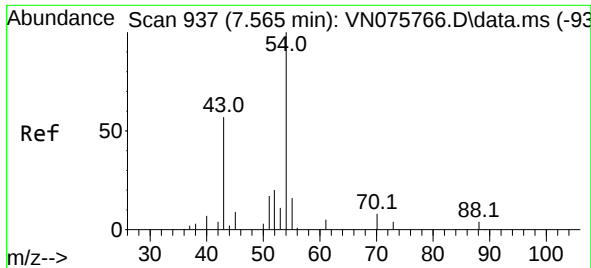
Ion Ratio Lower Upper

75 100

110 36.9 18.8 56.4

77 30.5 24.1 36.1

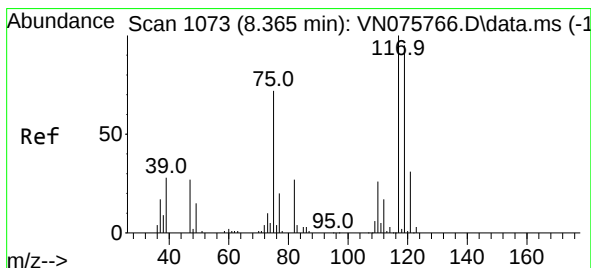
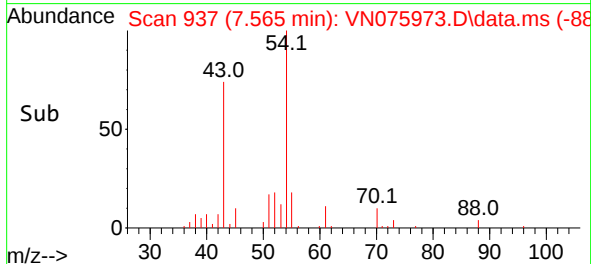
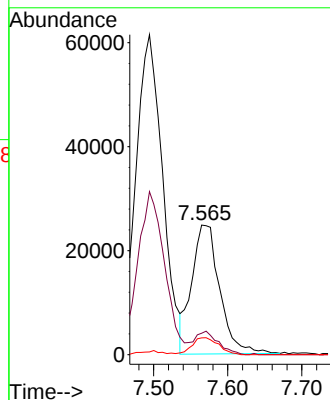
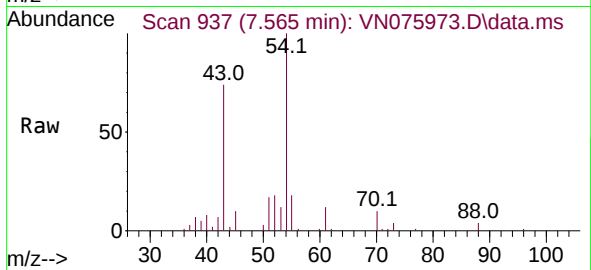




#37
Ethyl Acetate
Concen: 20.108 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

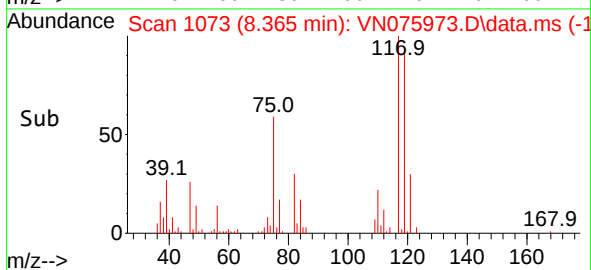
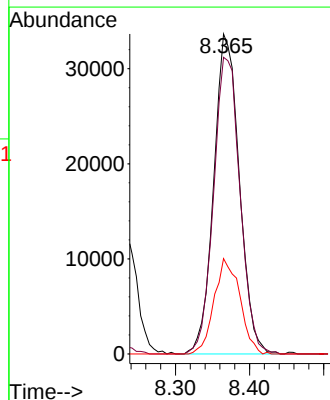
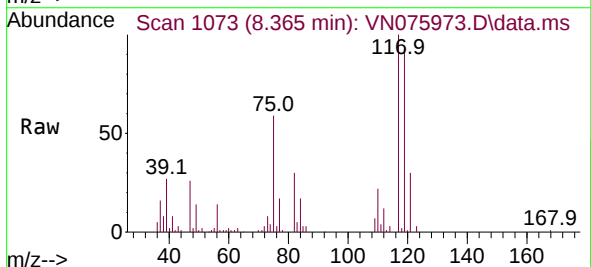
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

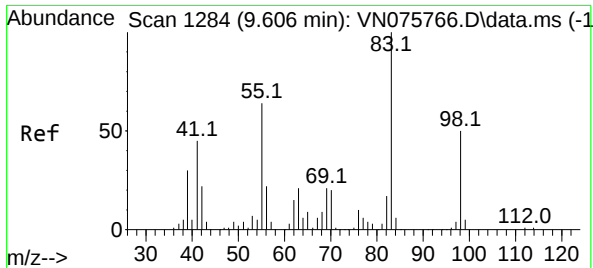
Tgt Ion: 43	Resp: 65404
Ion Ratio	Lower Upper
43 100	
61 14.9	13.0 19.4
70 12.4	9.4 14.0



#38
Carbon Tetrachloride
Concen: 17.824 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion:117	Resp:	80783	
Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.1	114.1
121	29.8	24.5	36.7





#39

Methylcyclohexane

Concen: 15.888 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBSD02

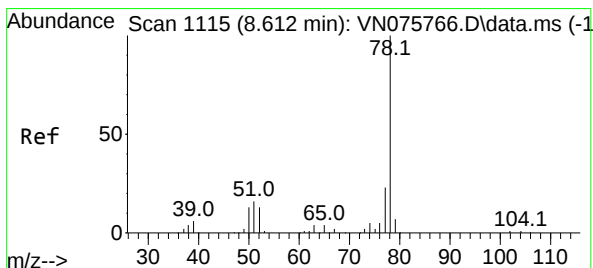
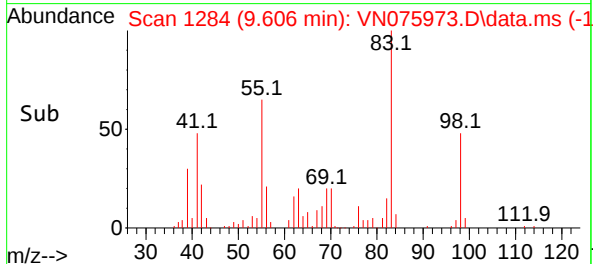
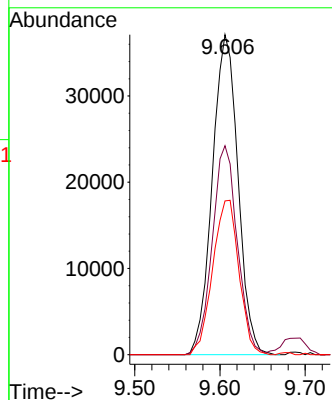
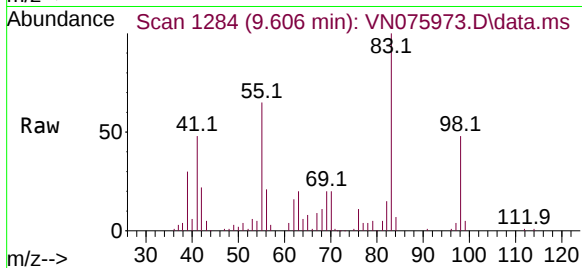
Tgt Ion: 83 Resp: 77618

Ion Ratio Lower Upper

83 100

55 65.3 51.4 77.0

98 48.0 39.8 59.8



#40

Benzene

Concen: 17.809 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075973.D

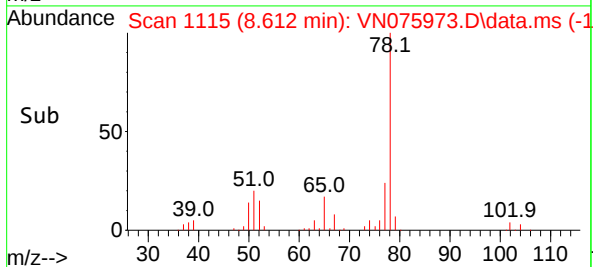
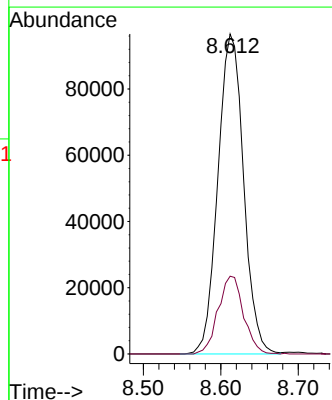
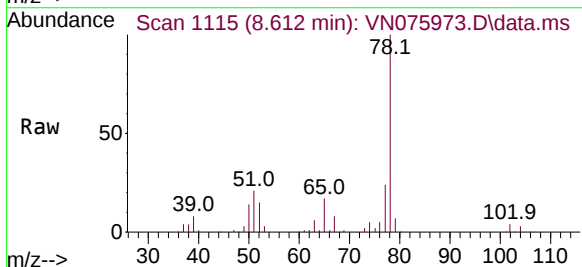
Acq: 23 Dec 2022 17:58

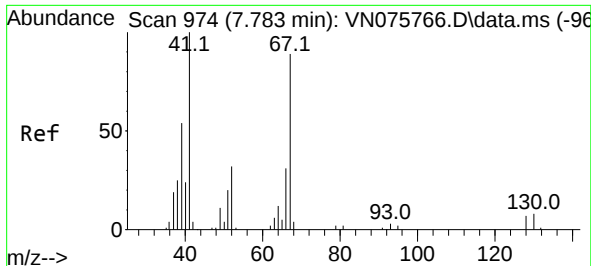
Tgt Ion: 78 Resp: 222502

Ion Ratio Lower Upper

78 100

77 24.3 18.5 27.7

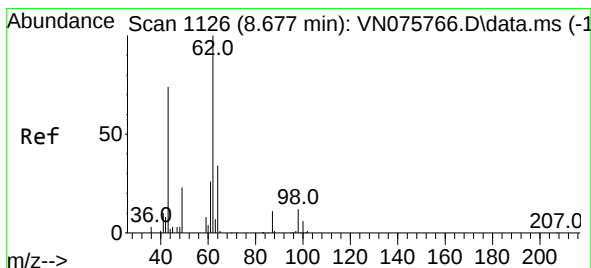
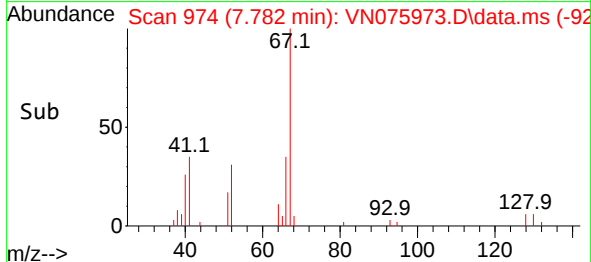
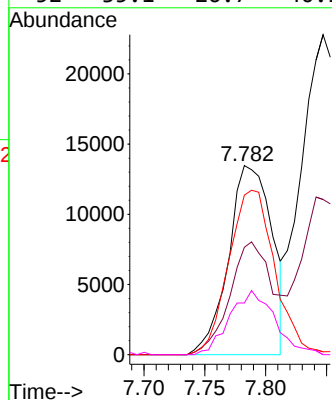
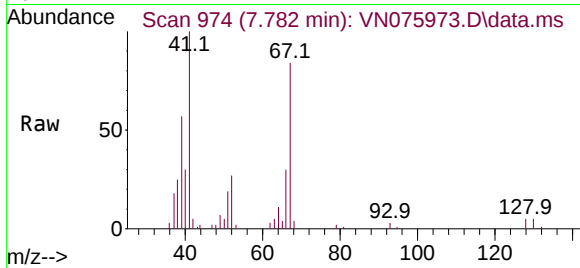




#41
Methacrylonitrile
Concen: 19.789 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

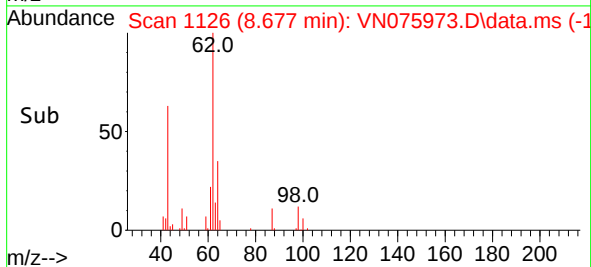
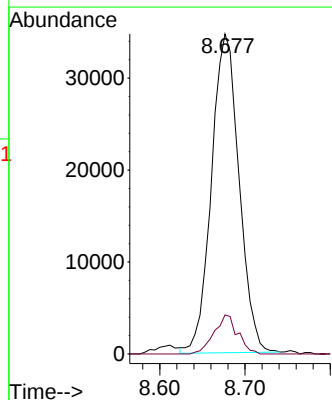
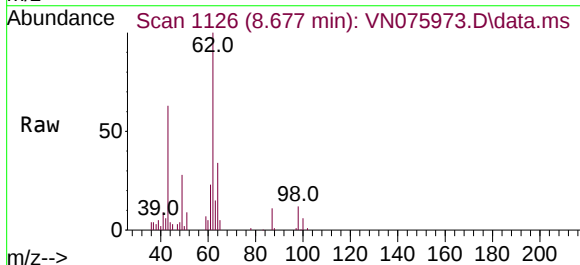
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS02

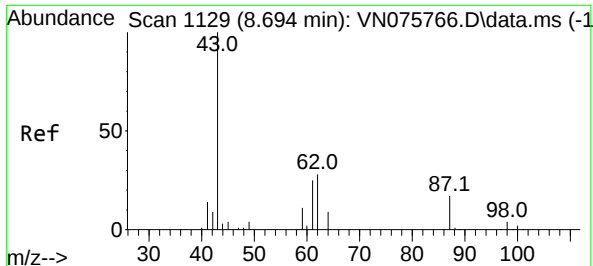
Tgt Ion: 41	Resp: 33458
Ion Ratio	Lower Upper
41 100	
39 61.7	43.1 64.7
67 92.5	70.7 106.1
52 35.1	26.7 40.1



#42
1,2-Dichloroethane
Concen: 18.805 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 62	Resp: 78111
Ion Ratio	Lower Upper
62 100	
98 10.5	0.0 20.8

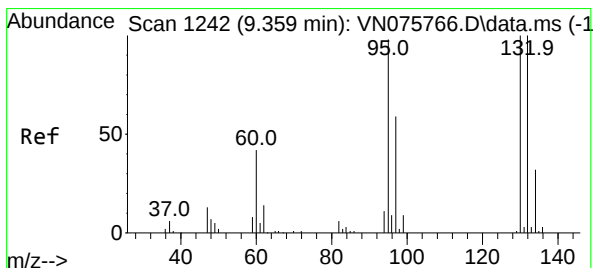
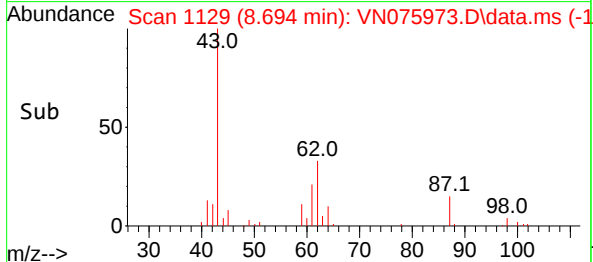
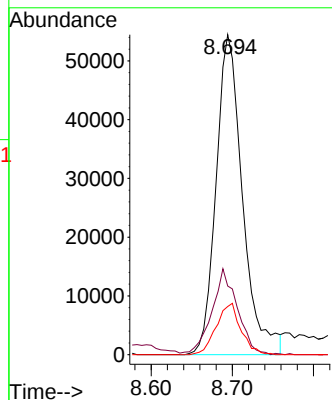
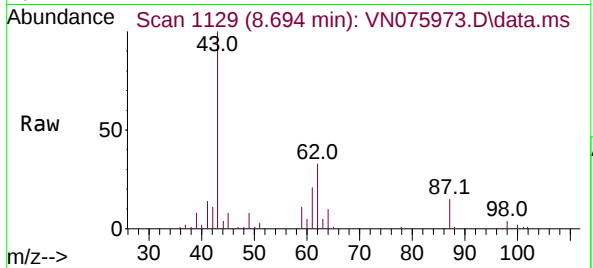




#43
Isopropyl Acetate
Concen: 23.000 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

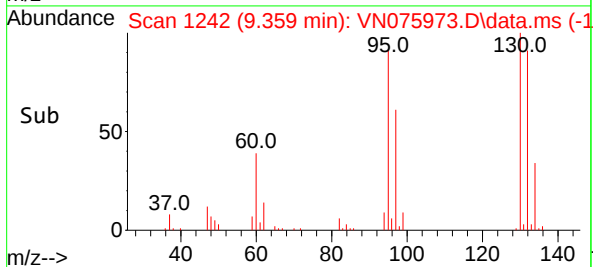
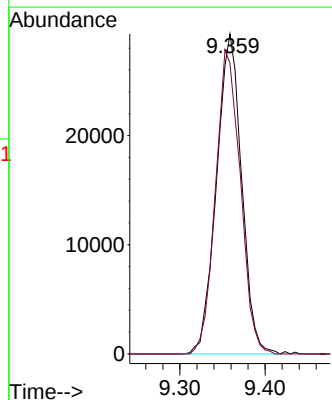
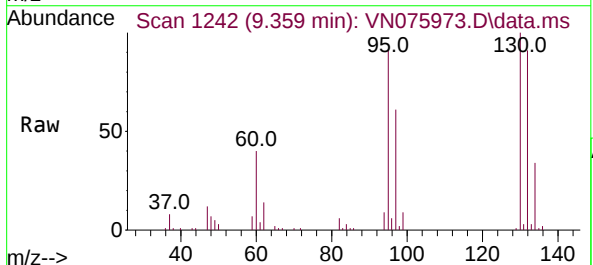
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS02

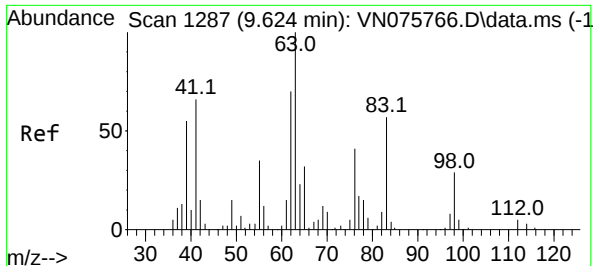
Tgt Ion: 43 Resp: 123406
Ion Ratio Lower Upper
43 100
61 26.0 24.2 36.4
87 14.9 13.3 19.9



#44
Trichloroethene
Concen: 17.013 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion:130 Resp: 59882
Ion Ratio Lower Upper
130 100
95 90.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.011 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

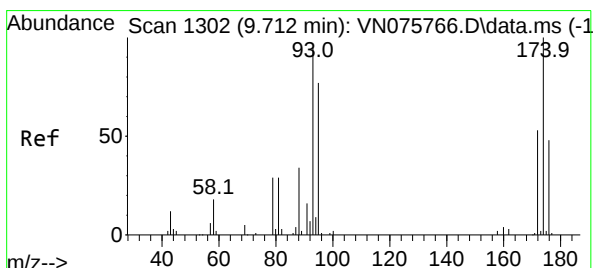
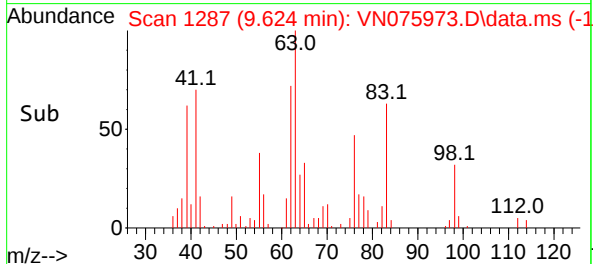
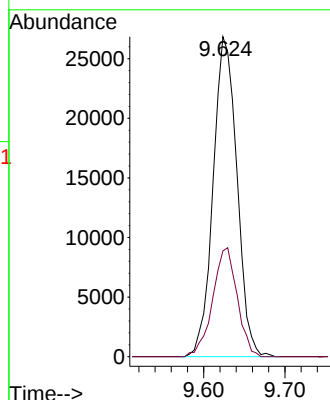
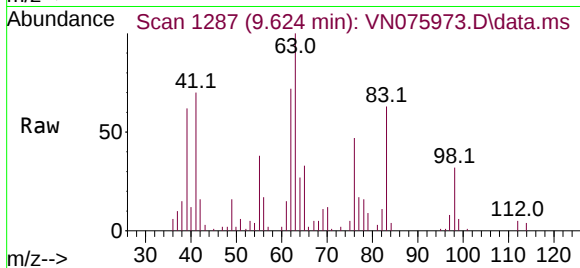
VN1223MBSD02

Tgt Ion: 63 Resp: 54759

Ion Ratio Lower Upper

63 100

65 33.1 25.7 38.5



#46

Dibromomethane

Concen: 18.505 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

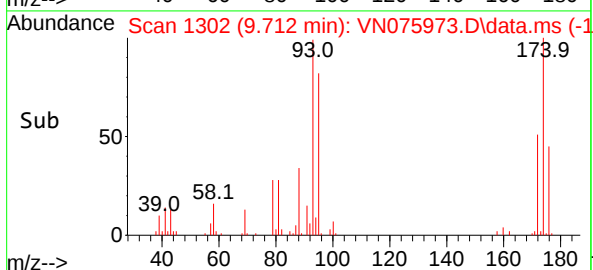
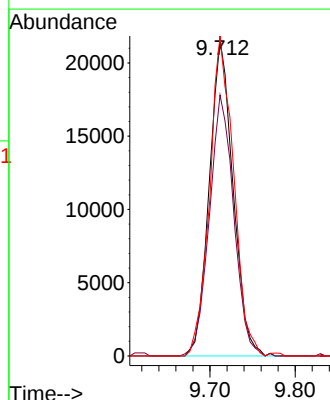
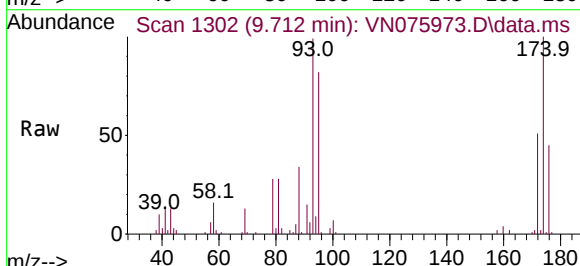
Tgt Ion: 93 Resp: 41729

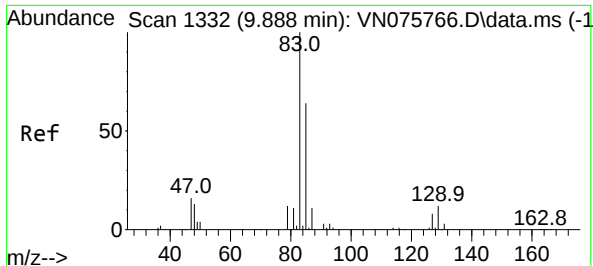
Ion Ratio Lower Upper

93 100

95 85.0 65.2 97.8

174 102.1 82.4 123.6

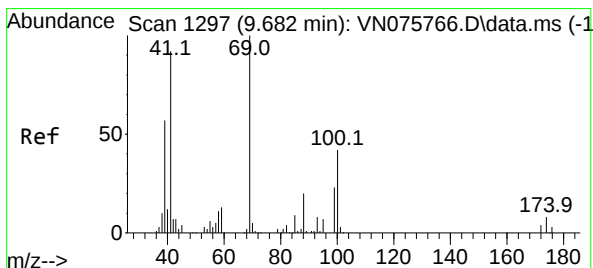
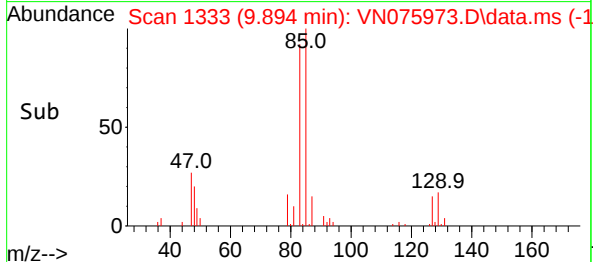
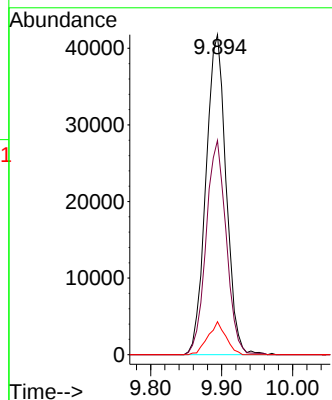
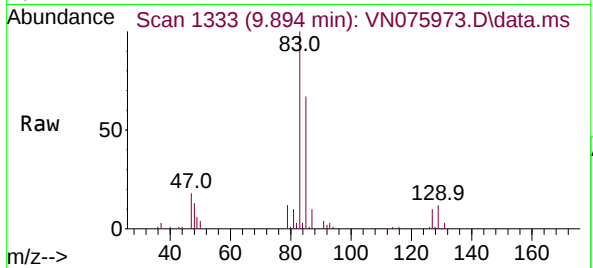




#47
Bromodichloromethane
Concen: 18.618 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

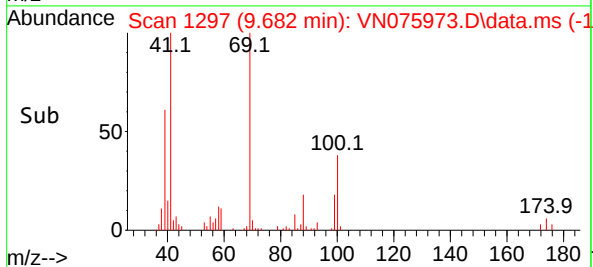
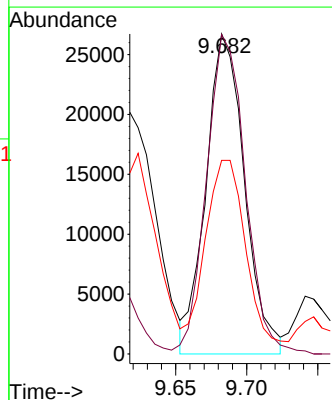
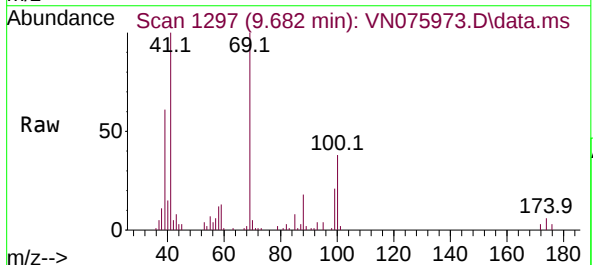
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

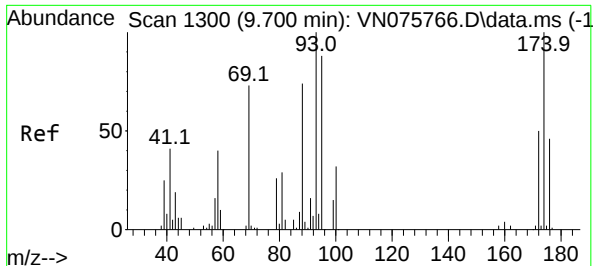
Tgt Ion: 83 Resp: 82332
Ion Ratio Lower Upper
83 100
85 66.9 51.5 77.3
127 10.3 6.6 10.0#



#48
Methyl methacrylate
Concen: 20.865 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 41 Resp: 50423
Ion Ratio Lower Upper
41 100
69 100.8 81.9 122.9
39 65.9 51.6 77.4





#49

1,4-Dioxane

Concen: 375.688 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBSD02

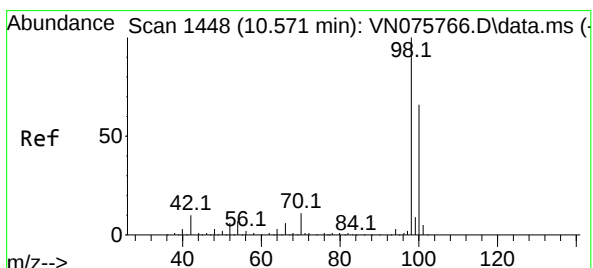
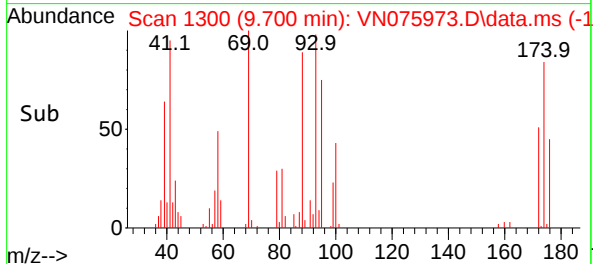
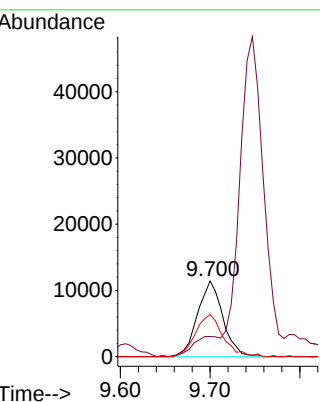
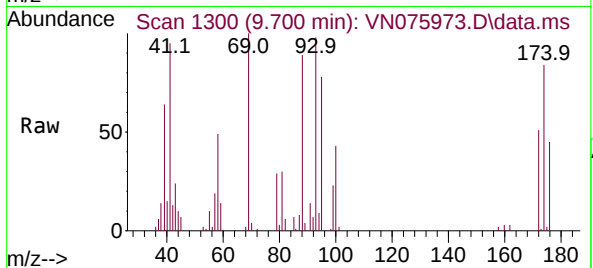
Tgt Ion: 88 Resp: 22320

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7#

58 60.4 47.8 71.8



#50

Toluene-d8

Concen: 49.655 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075973.D

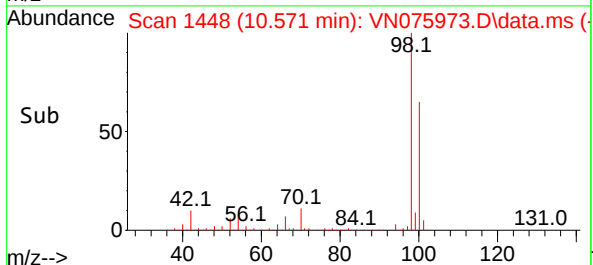
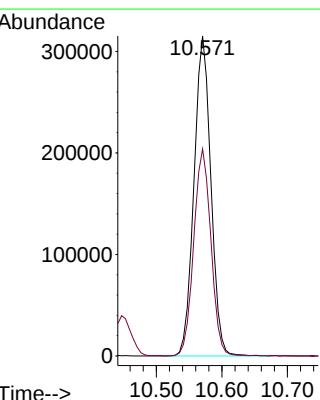
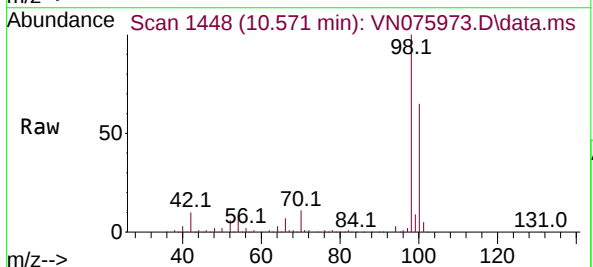
Acq: 23 Dec 2022 17:58

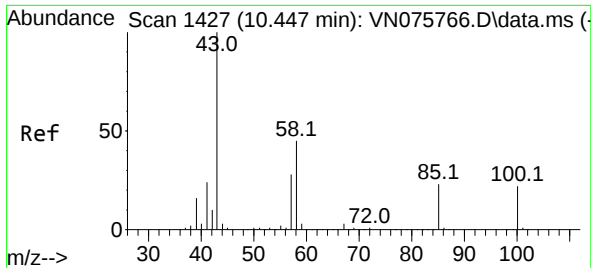
Tgt Ion: 98 Resp: 565943

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1

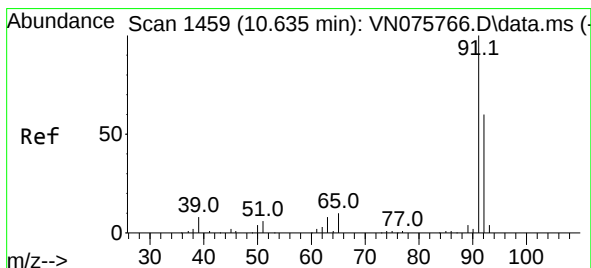
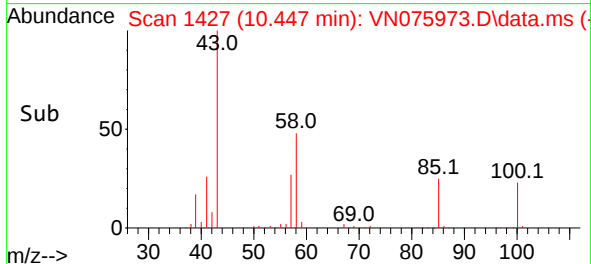
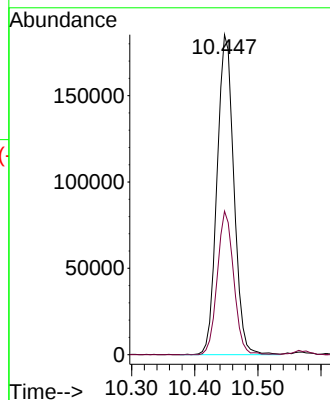
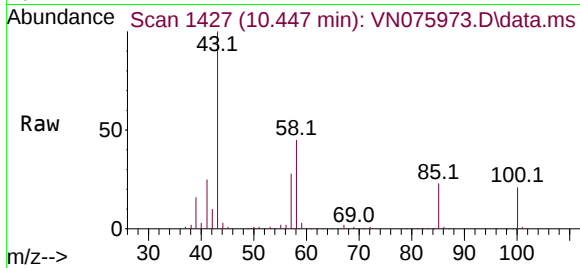




#51
4-Methyl-2-Pentanone
Concen: 105.714 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

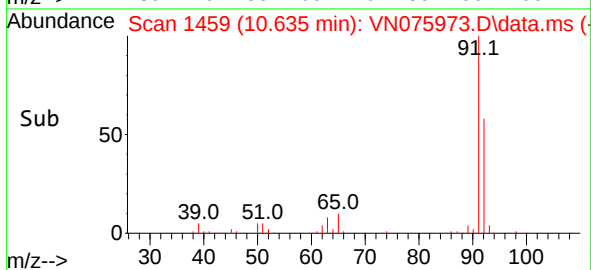
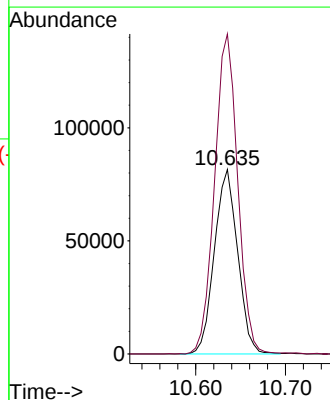
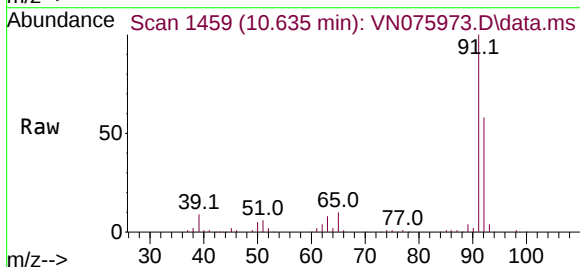
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

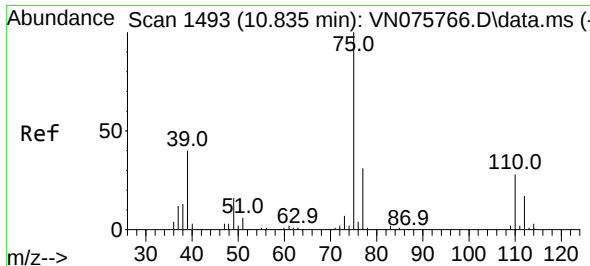
Tgt Ion: 43 Resp: 343031
Ion Ratio Lower Upper
43 100
58 43.8 35.5 53.3



#52
Toluene
Concen: 18.080 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 92 Resp: 147120
Ion Ratio Lower Upper
92 100
91 172.5 137.3 205.9

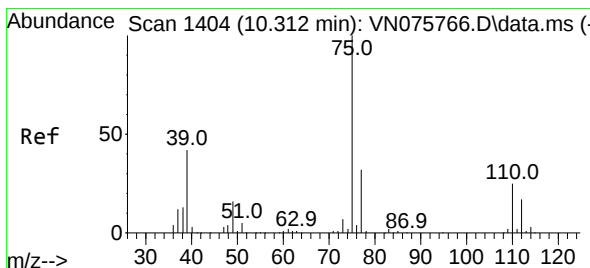
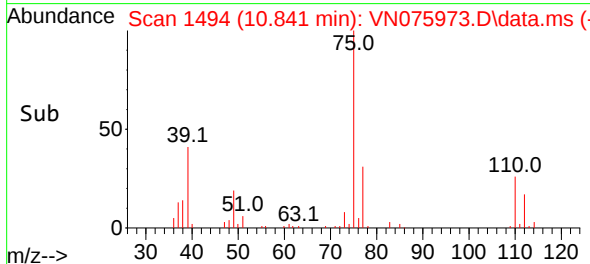
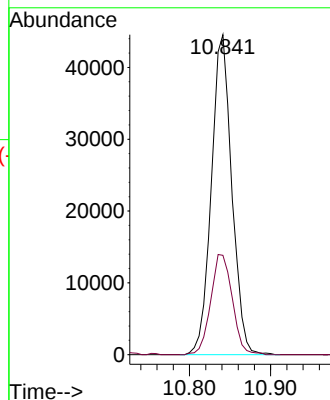
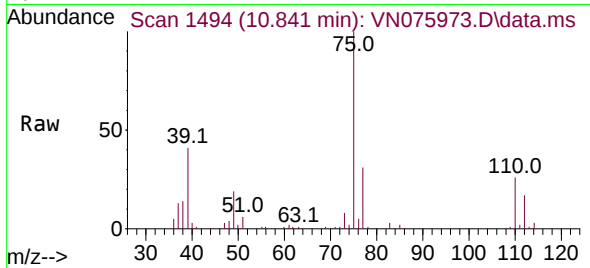




#53
 t-1,3-Dichloropropene
 Concen: 18.004 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075973.D
 Acq: 23 Dec 2022 17:58

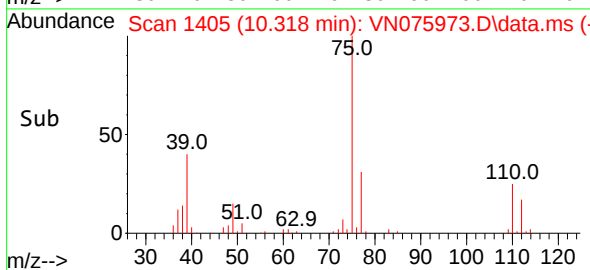
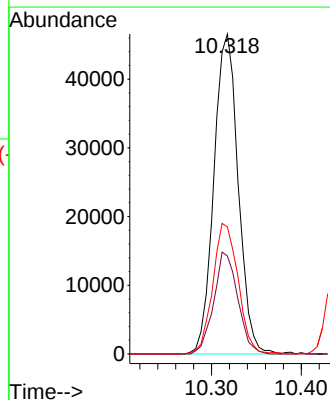
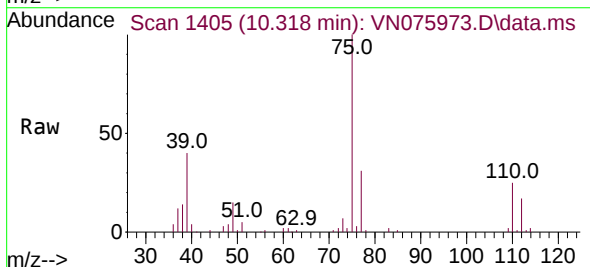
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBS02

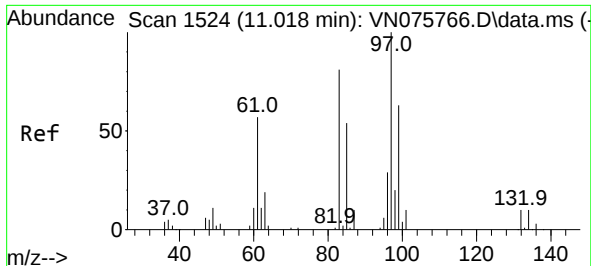
Tgt Ion: 75 Resp: 77937
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 18.417 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075973.D
 Acq: 23 Dec 2022 17:58

Tgt Ion: 75 Resp: 87533
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.8 38.8
 39 39.7 33.4 50.2

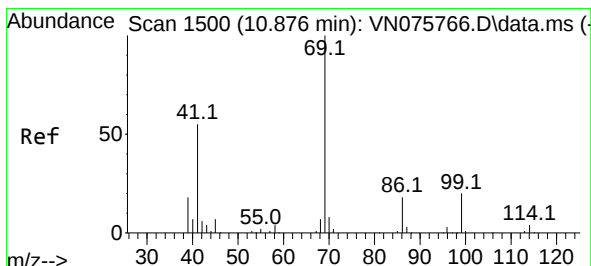
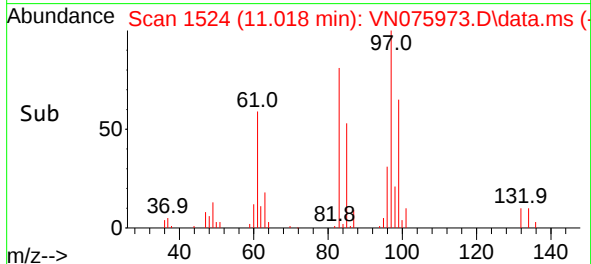
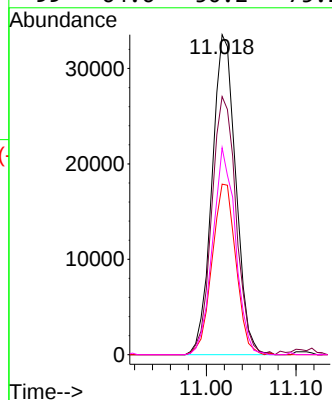
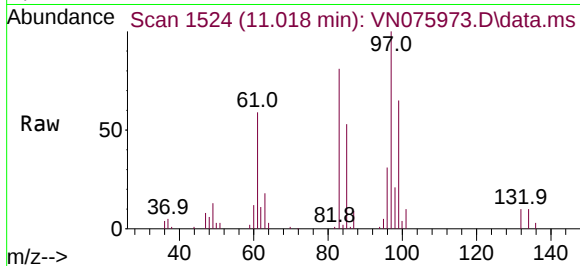




#55
1,1,2-Trichloroethane
Concen: 19.334 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

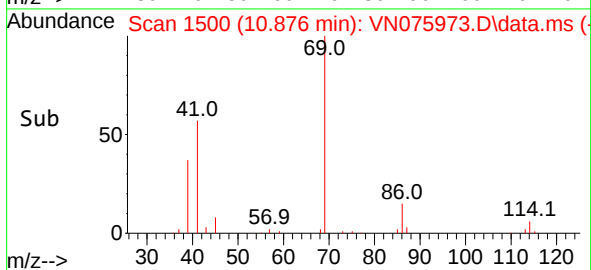
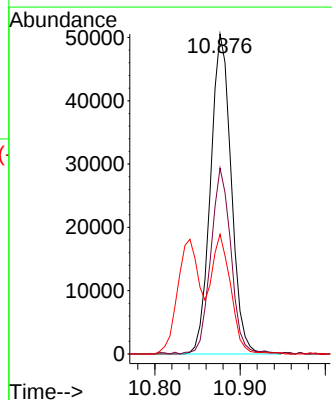
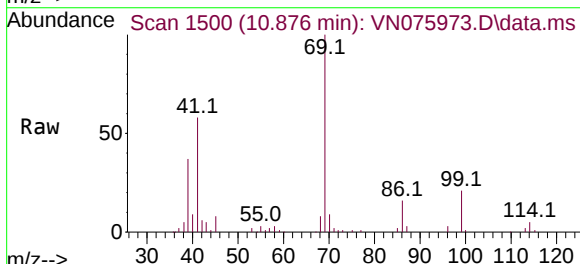
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

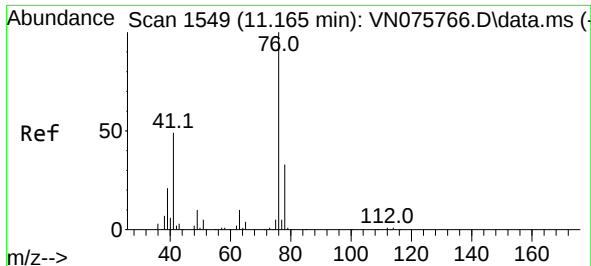
Tgt Ion:	97	Resp:	61750
Ion	Ratio	Lower	Upper
97	100		
83	80.7	65.0	97.4
85	53.3	43.0	64.6
99	64.6	50.2	75.2



#56
Ethyl methacrylate
Concen: 20.096 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion:	69	Resp:	85254
Ion	Ratio	Lower	Upper
69	100		
41	57.1	44.2	66.4
39	34.8	26.4	39.6





#57

1,3-Dichloropropane

Concen: 18.908 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

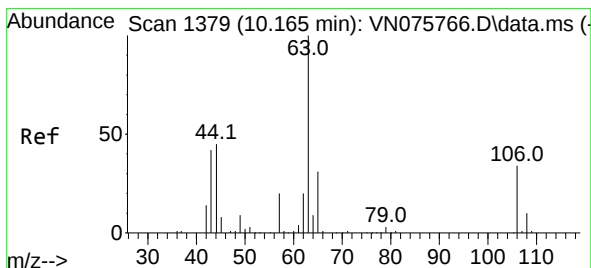
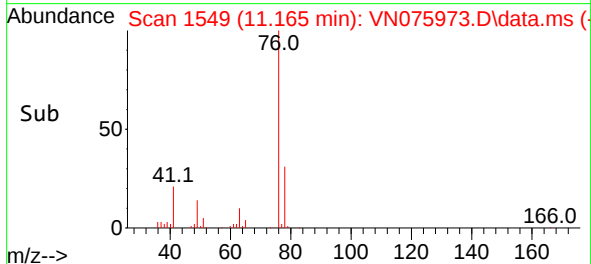
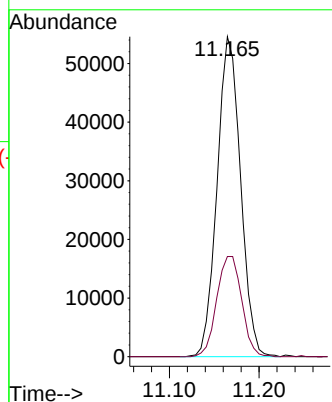
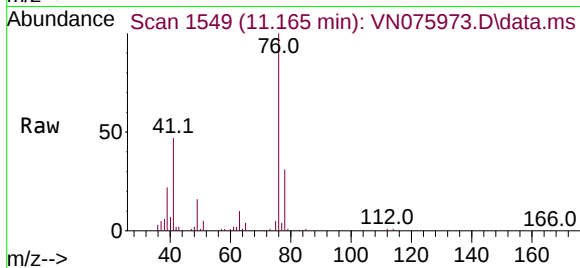
VN1223MBS02

Tgt Ion: 76 Resp: 99054

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 97.285 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075973.D

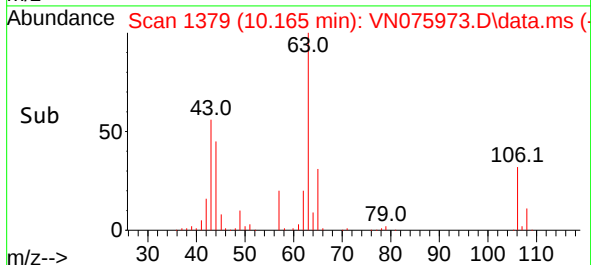
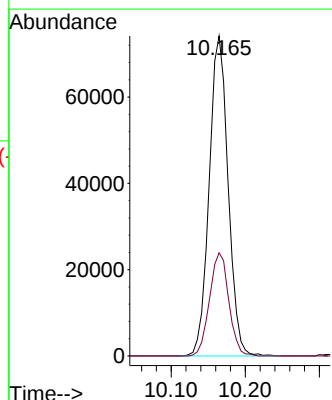
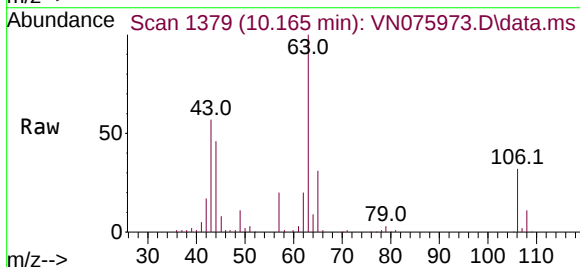
Acq: 23 Dec 2022 17:58

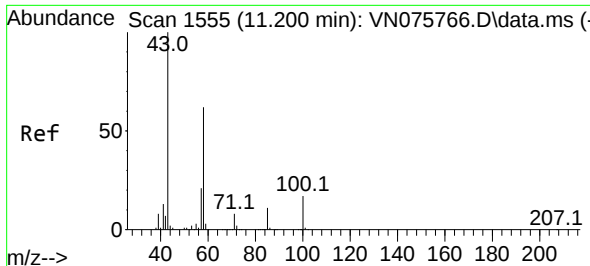
Tgt Ion: 63 Resp: 131399

Ion Ratio Lower Upper

63 100

106 32.8 26.4 39.6

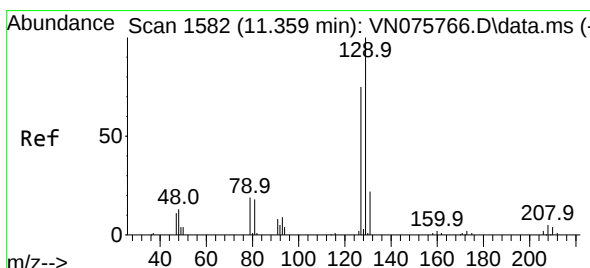
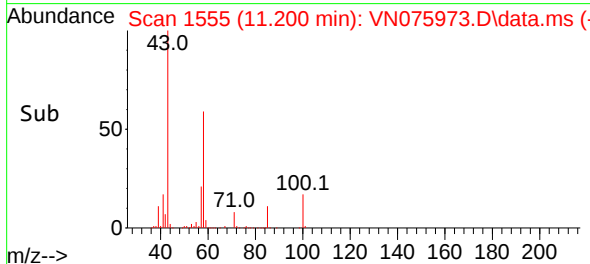
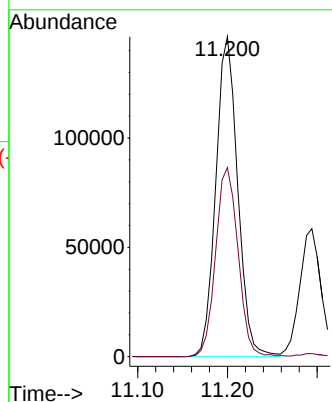
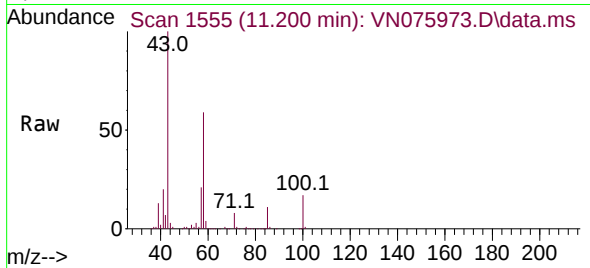




#59
2-Hexanone
Concen: 104.844 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

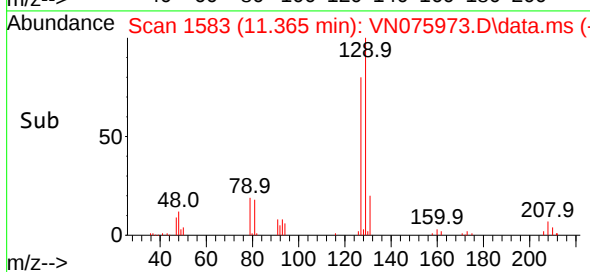
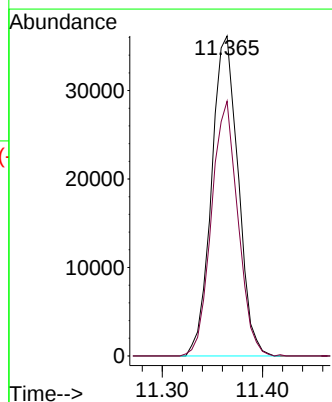
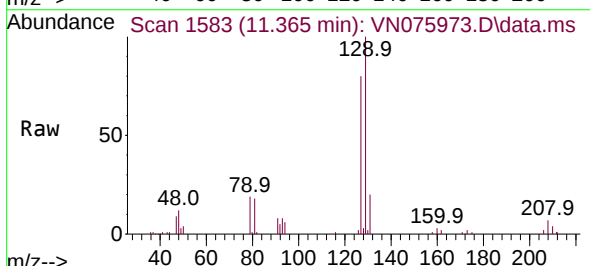
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

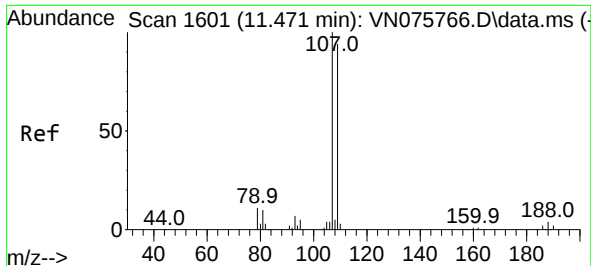
Tgt Ion: 43 Resp: 248103
Ion Ratio Lower Upper
43 100
58 60.5 30.6 92.0



#60
Dibromochloromethane
Concen: 18.781 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion:129 Resp: 66706
Ion Ratio Lower Upper
129 100
127 79.0 38.3 114.9

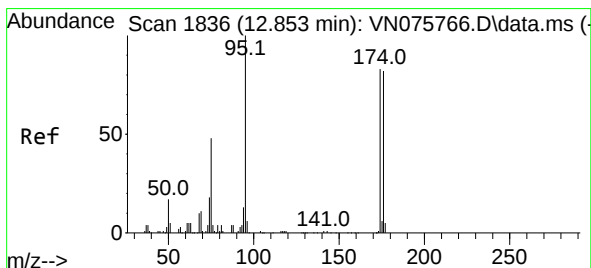
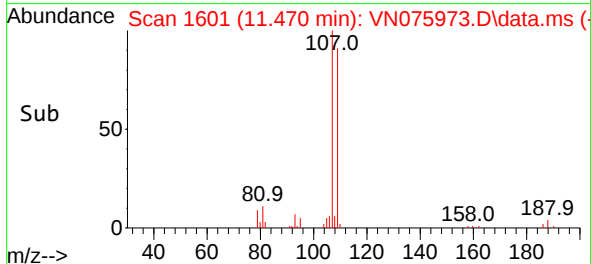
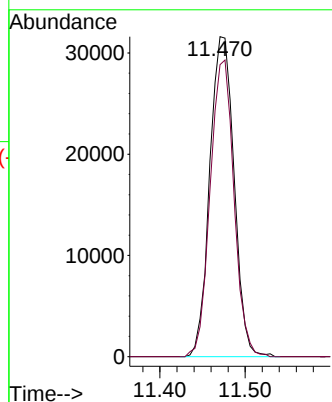
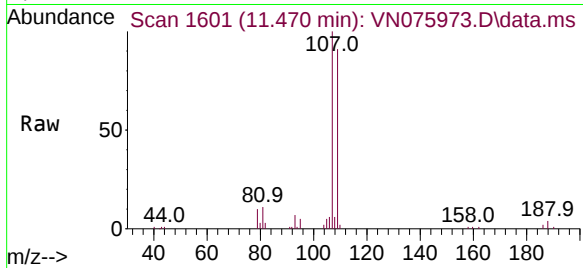




#61
1,2-Dibromoethane
Concen: 19.352 ug/l
RT: 11.470 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

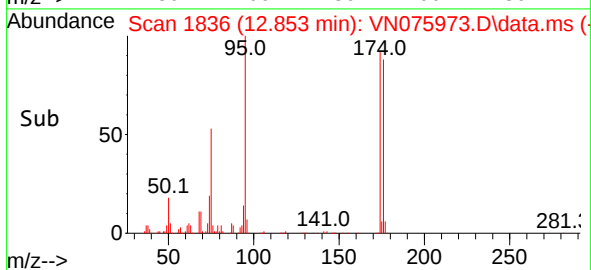
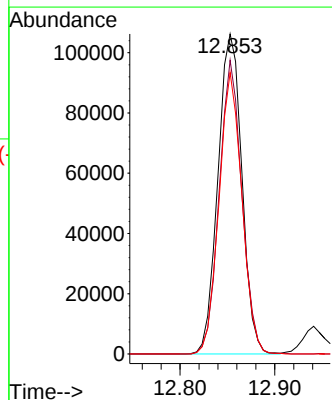
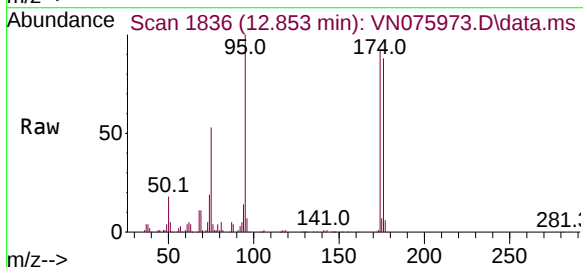
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

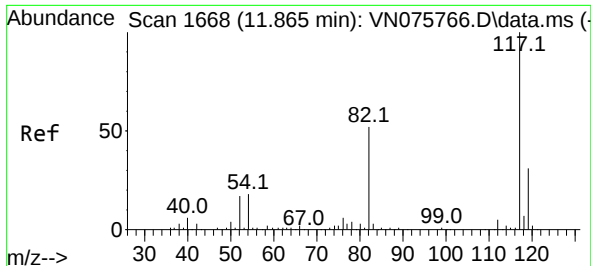
Tgt Ion:107 Resp: 62547
Ion Ratio Lower Upper
107 100
109 90.6 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 49.375 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 95 Resp: 186389
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 84.3 0.0 169.2

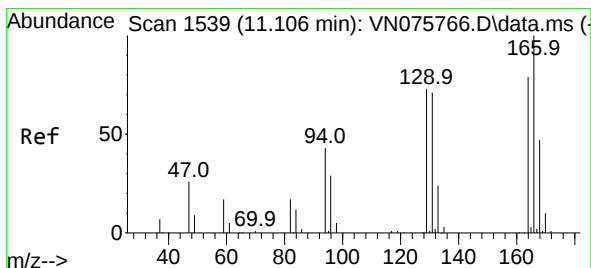
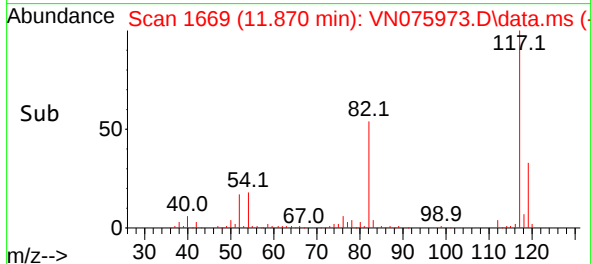
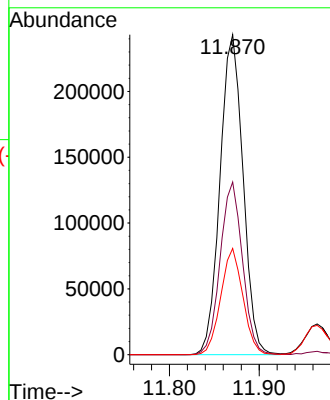
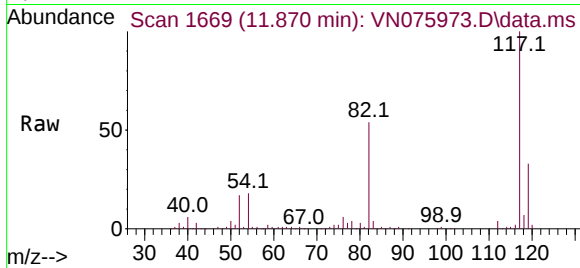




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

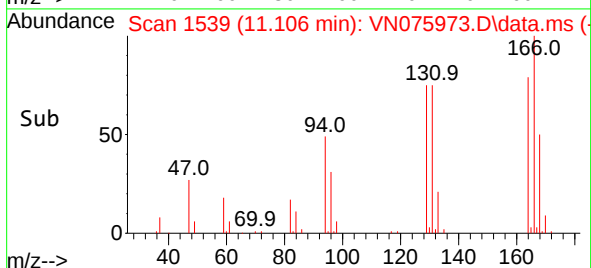
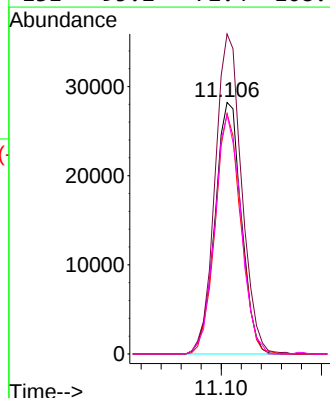
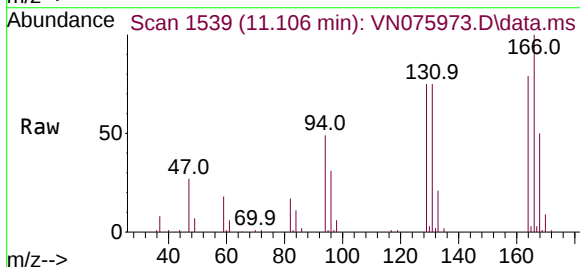
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

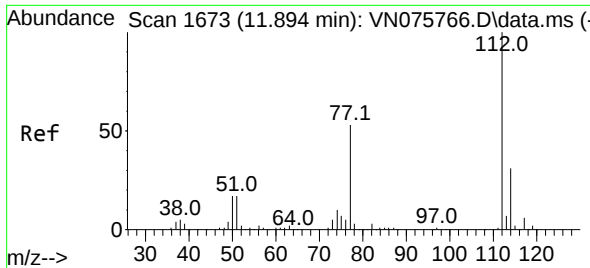
Tgt Ion:117 Resp: 433264
Ion Ratio Lower Upper
117 100
82 53.9 41.3 61.9
119 33.2 24.6 37.0



#64
Tetrachloroethene
Concen: 16.890 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion:164 Resp: 51493
Ion Ratio Lower Upper
164 100
166 127.2 101.9 152.9
129 95.5 74.2 111.2
131 95.2 72.4 108.6

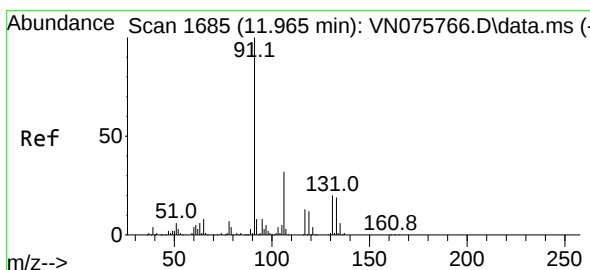
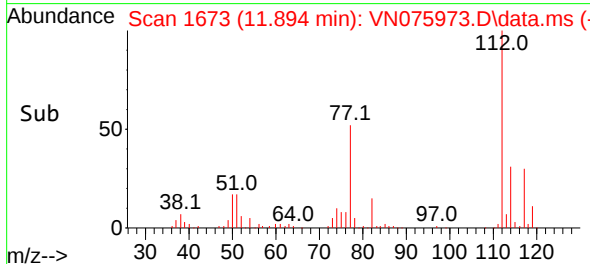
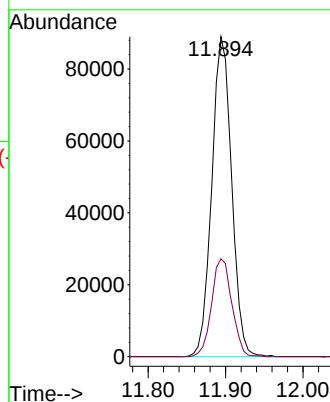
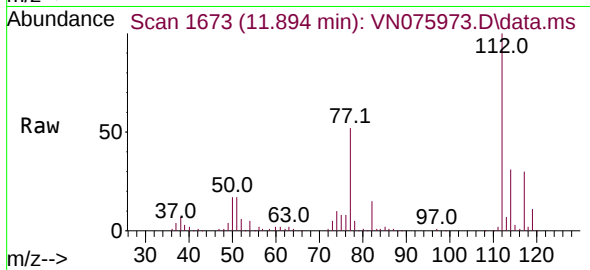




#65
Chlorobenzene
Concen: 17.816 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

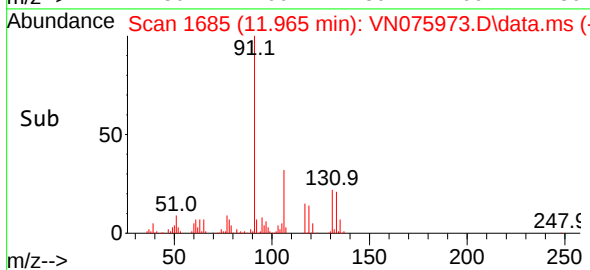
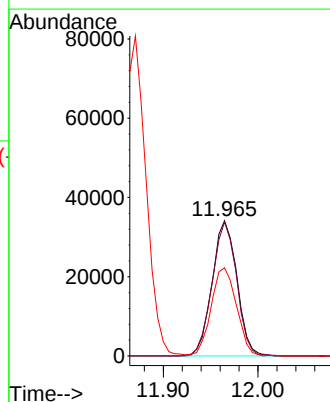
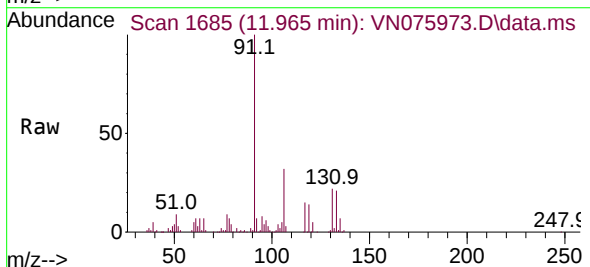
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS02

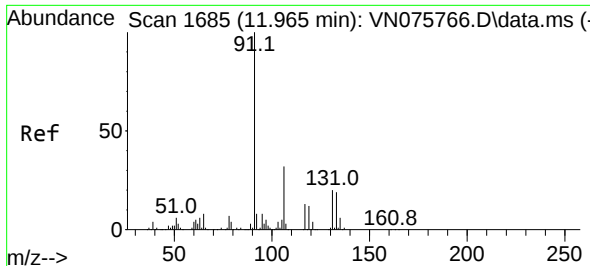
Tgt Ion:112 Resp: 158429
Ion Ratio Lower Upper
112 100
114 30.6 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.845 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion:131 Resp: 62072
Ion Ratio Lower Upper
131 100
133 97.9 47.5 142.5
119 66.7 31.9 95.7





#67

Ethyl Benzene

Concen: 18.064 ug/l

RT: 11.970 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

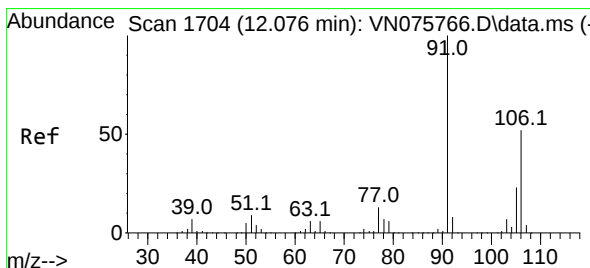
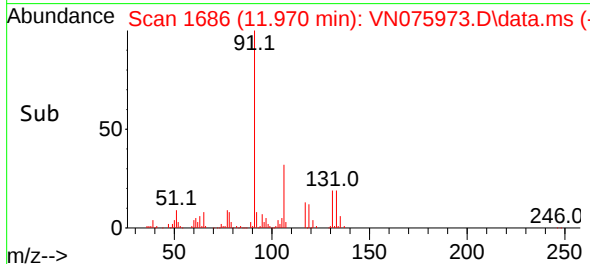
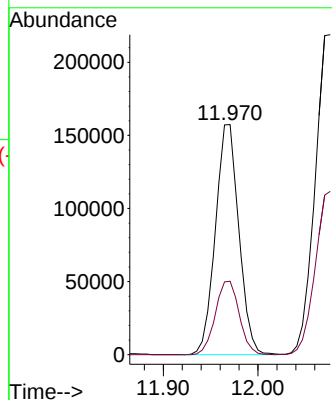
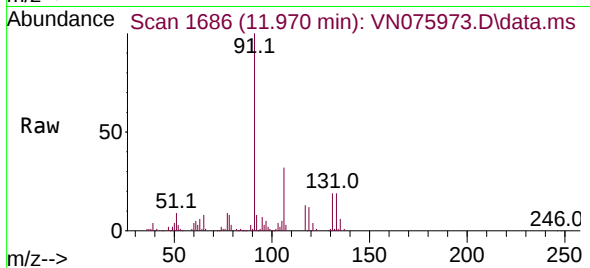
VN1223MBSD02

Tgt Ion: 91 Resp: 271119

Ion Ratio Lower Upper

91 100

106 31.9 25.7 38.5



#68

m/p-Xylenes

Concen: 36.406 ug/l

RT: 12.076 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VN075973.D

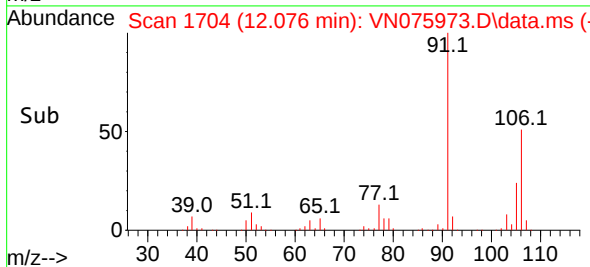
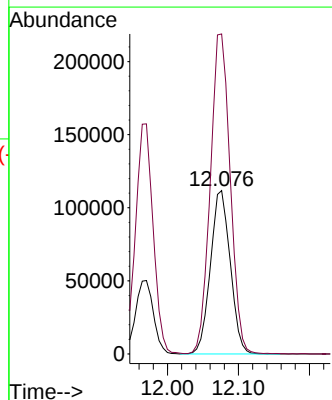
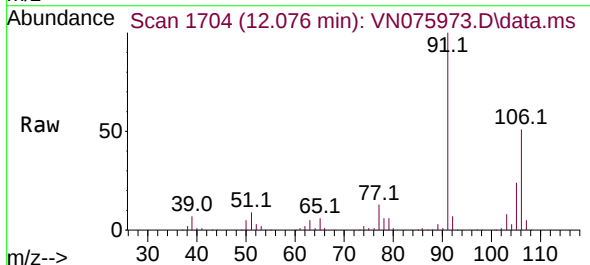
Acq: 23 Dec 2022 17:58

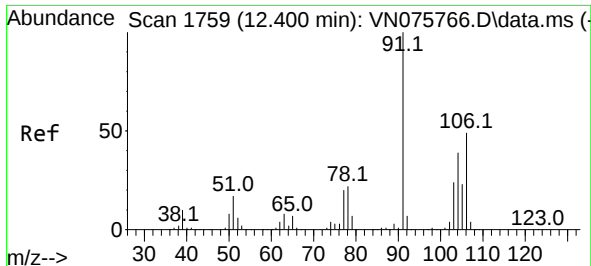
Tgt Ion: 106 Resp: 216265

Ion Ratio Lower Upper

106 100

91 197.2 156.6 235.0

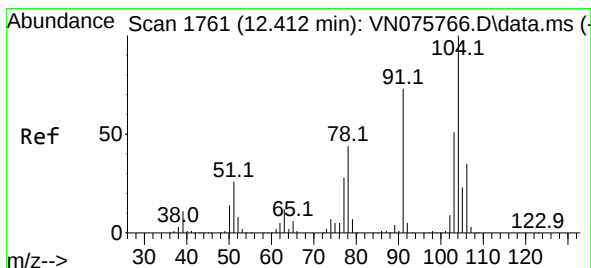
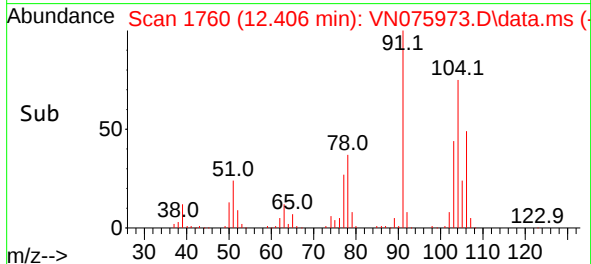
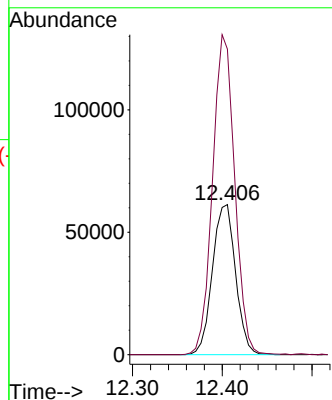
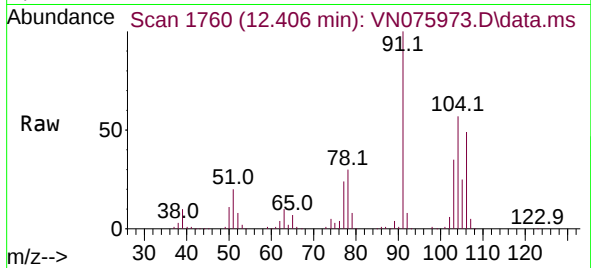




#69
o-Xylene
Concen: 18.691 ug/l
RT: 12.406 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

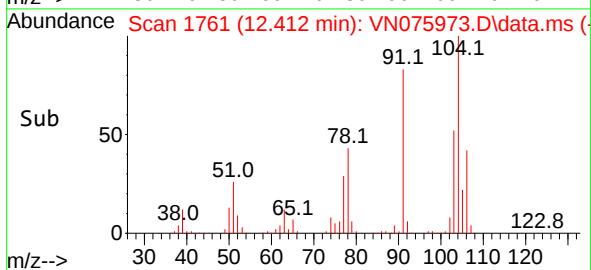
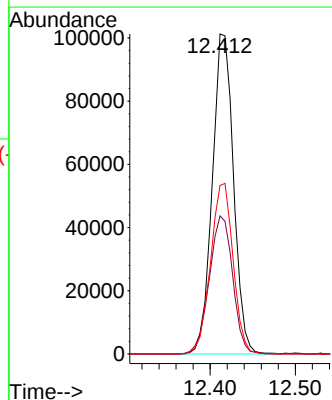
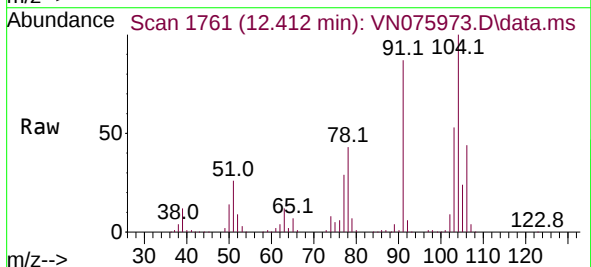
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

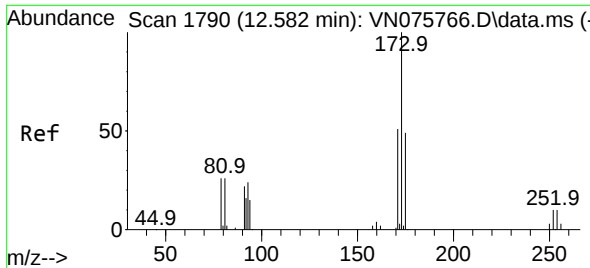
Tgt Ion:106 Resp: 109875
Ion Ratio Lower Upper
106 100
91 204.2 103.8 311.6



#70
Styrene
Concen: 18.762 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion:104 Resp: 175369
Ion Ratio Lower Upper
104 100
78 47.2 37.5 56.3
103 56.5 43.5 65.3

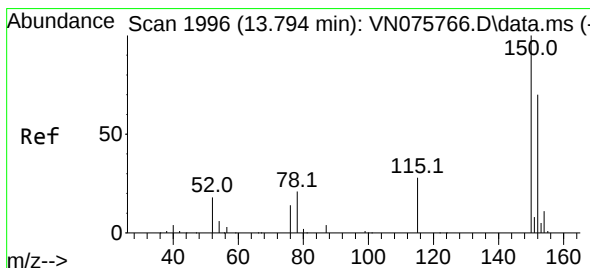
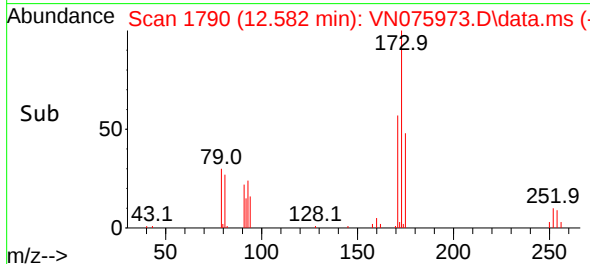
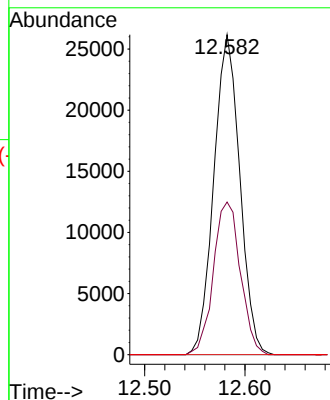
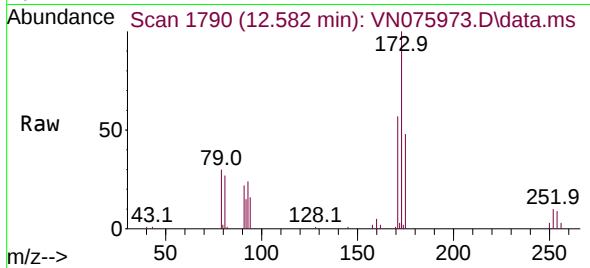




#71
Bromoform
Concen: 19.654 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

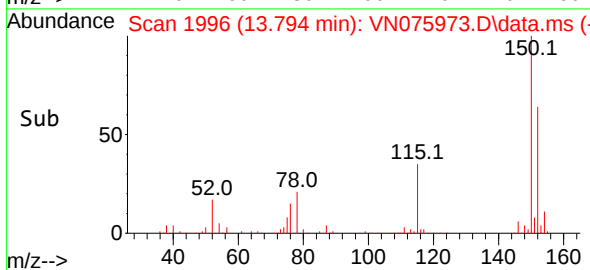
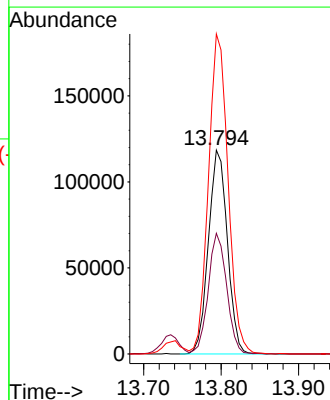
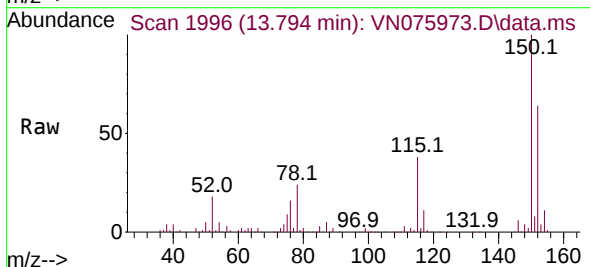
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

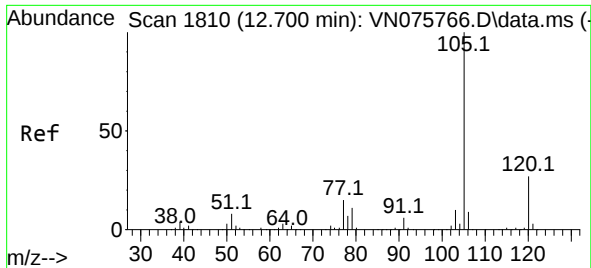
Tgt Ion:173 Resp: 47106
Ion Ratio Lower Upper
173 100
175 49.6 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion:152 Resp: 201366
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.4
150 162.0 0.0 347.0

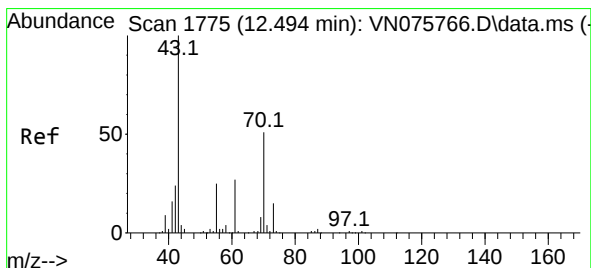
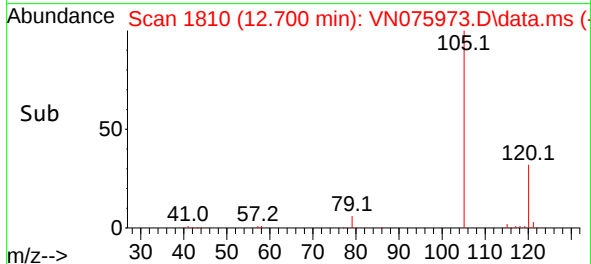
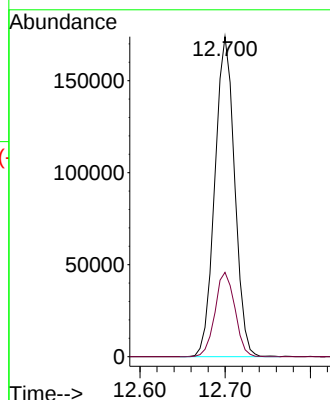
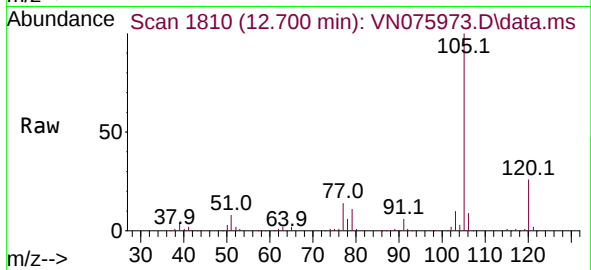




#73
Isopropylbenzene
Concen: 19.259 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

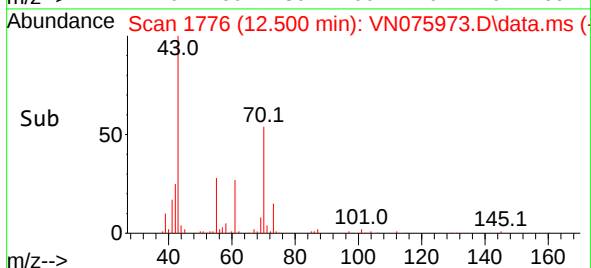
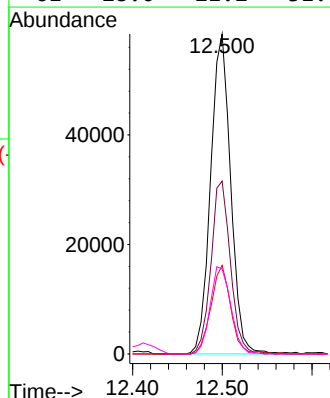
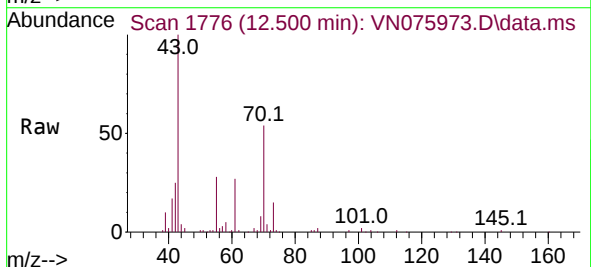
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MSVOA_N
ClientSampleId :
VN1223MBS02

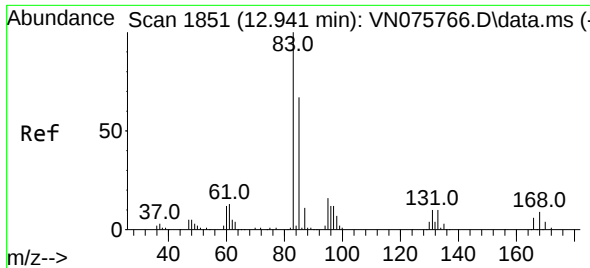
Tgt Ion:105 Resp: 280250
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 21.225 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 43 Resp: 90610
Ion Ratio Lower Upper
43 100
70 52.5 41.4 62.0
55 27.3 21.3 31.9
61 28.0 21.2 31.8

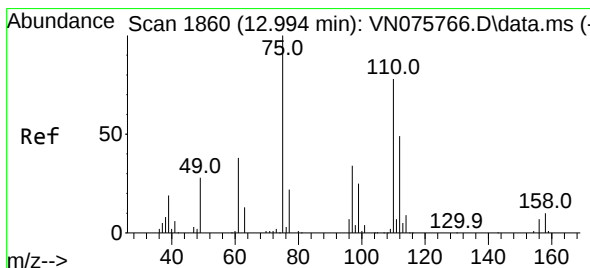
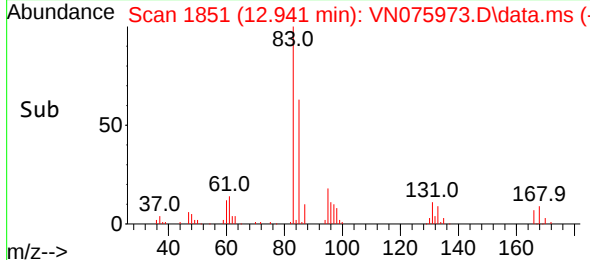
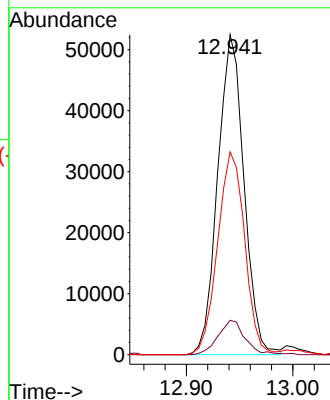
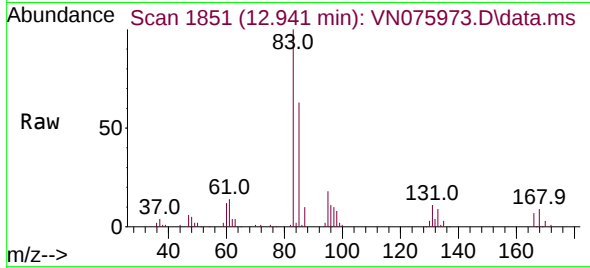




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.924 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VN075973.D
 Acq: 23 Dec 2022 17:58

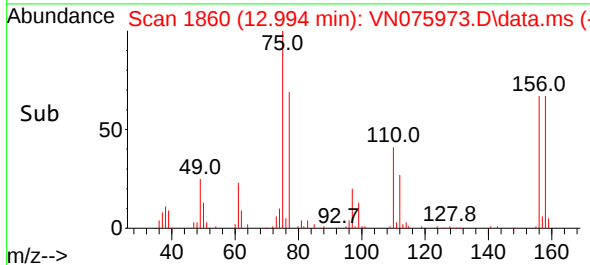
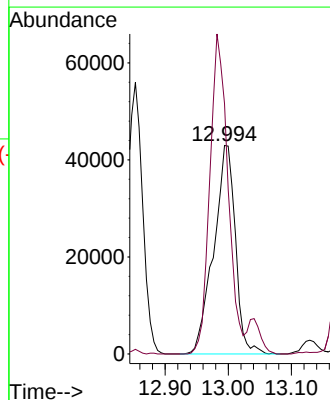
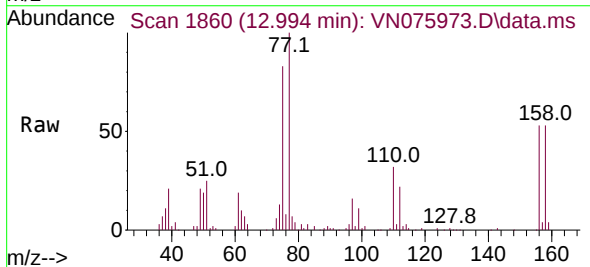
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBSD02

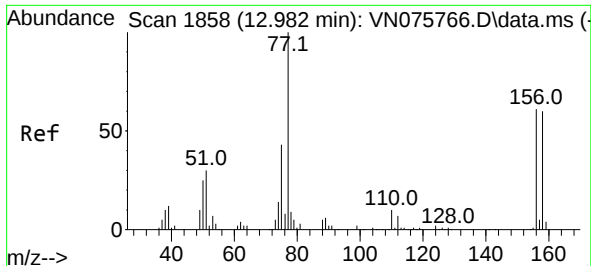
Tgt Ion: 83 Resp: 89625
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.6 16.8
 85 65.4 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 25.316 ug/l
 RT: 12.994 min Scan# 1860
 Delta R.T. -0.000 min
 Lab File: VN075973.D
 Acq: 23 Dec 2022 17:58

Tgt Ion: 75 Resp: 102760
 Ion Ratio Lower Upper
 75 100
 77 127.6 82.6 247.8

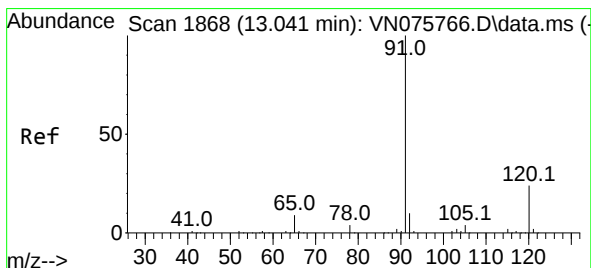
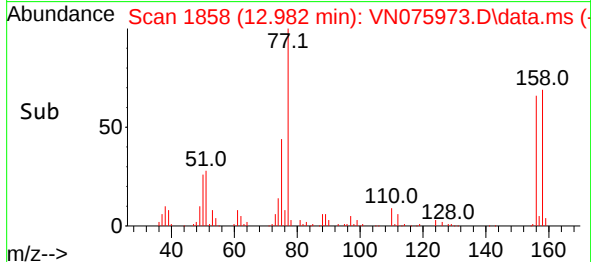
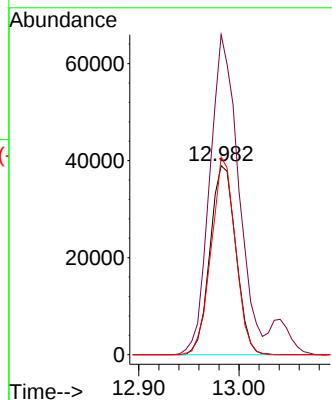
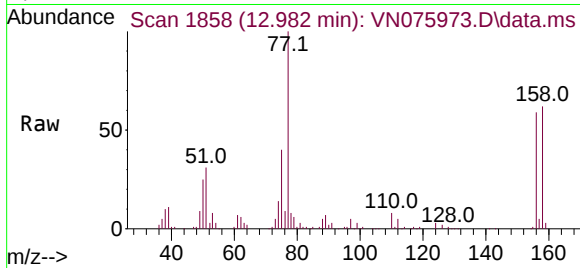




#77
Bromobenzene
Concen: 18.868 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

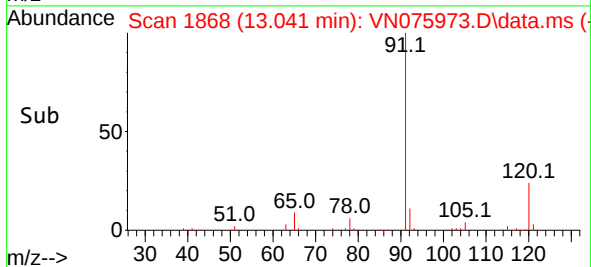
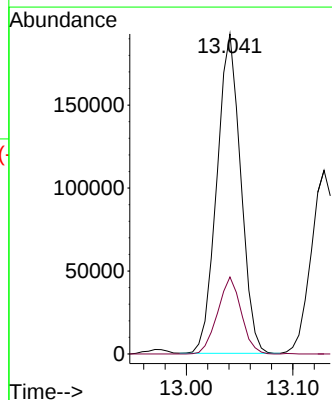
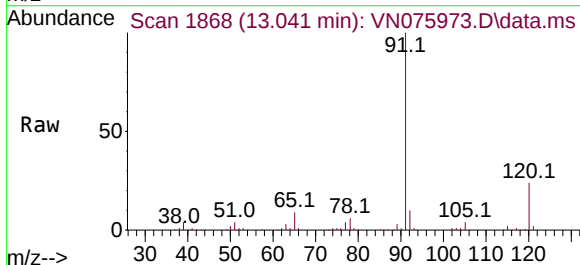
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

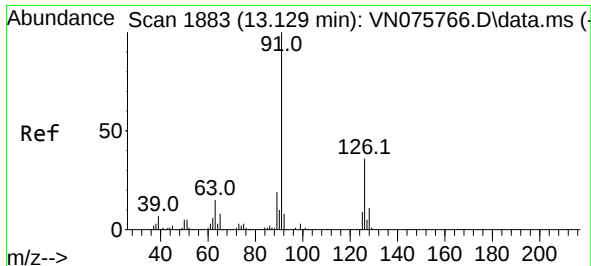
Tgt Ion:156 Resp: 69483
Ion Ratio Lower Upper
156 100
77 188.7 93.8 281.3
158 97.9 48.9 146.6



#78
n-propylbenzene
Concen: 18.646 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 91 Resp: 299260
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.1

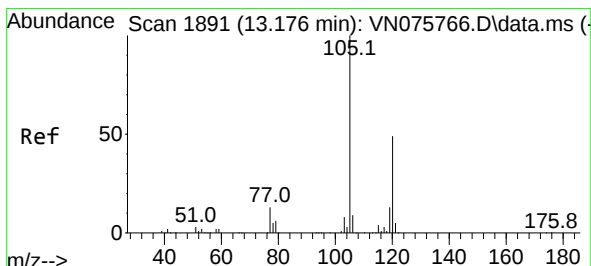
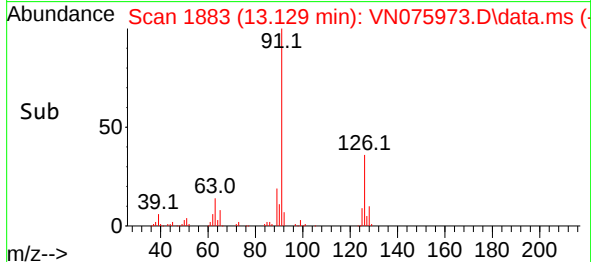
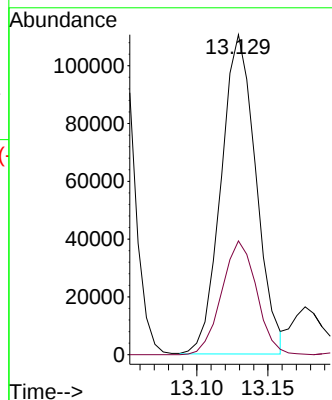
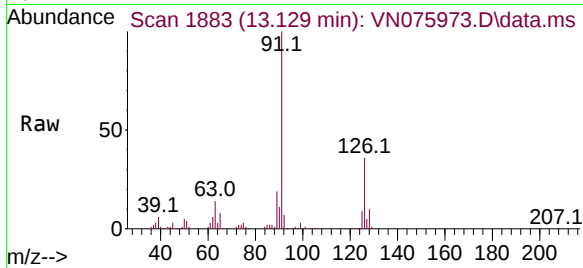




#79
2-Chlorotoluene
Concen: 18.823 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

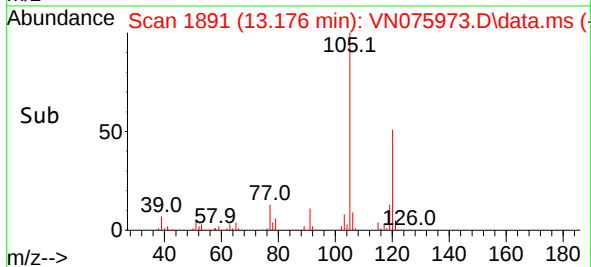
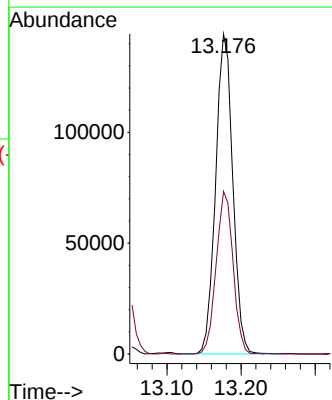
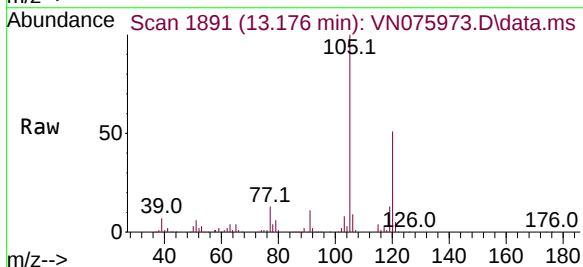
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBS02

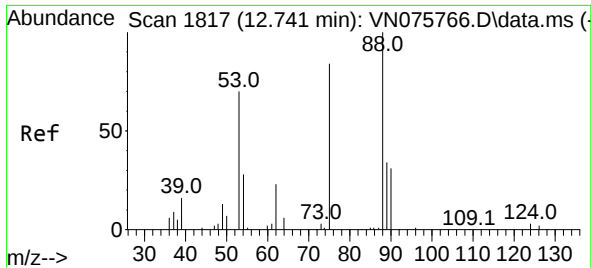
Tgt Ion: 91 Resp: 188579
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 19.035 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 105 Resp: 231829
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1

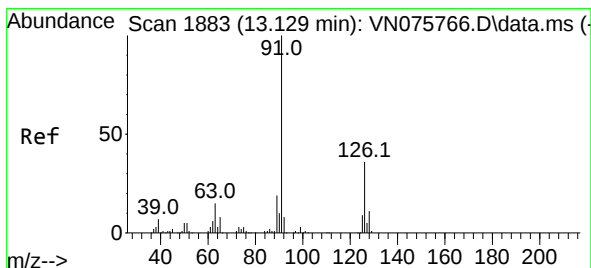
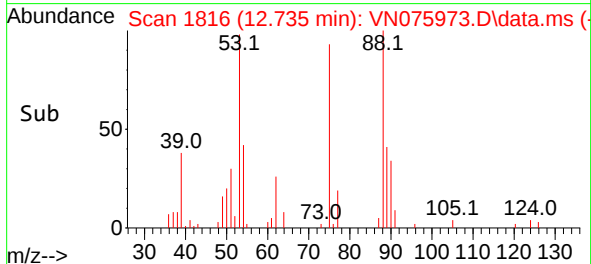
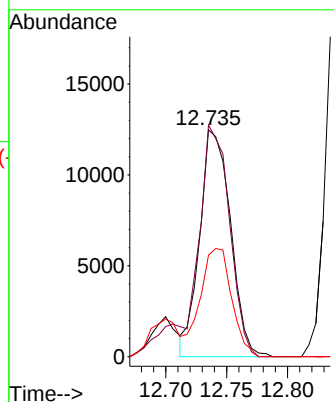
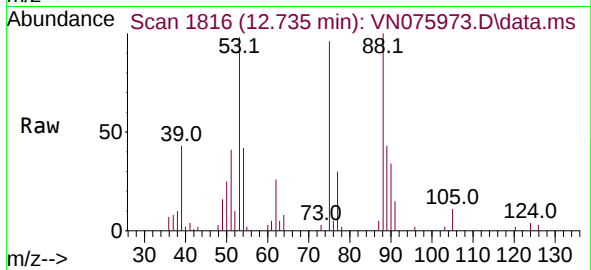




#81
trans-1,4-Dichloro-2-butene
Concen: 19.492 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

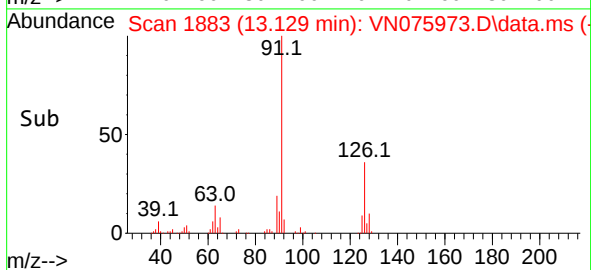
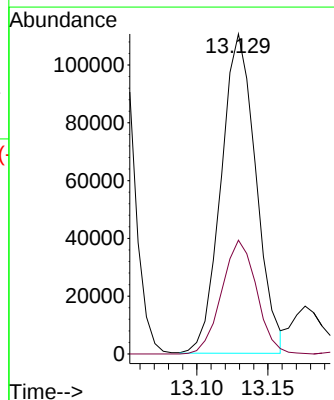
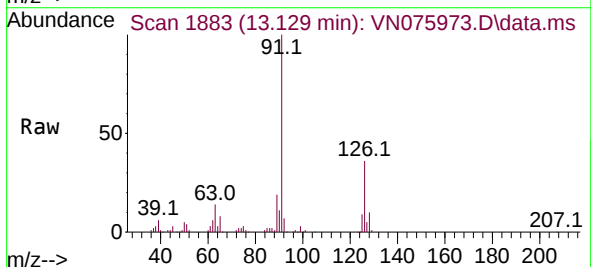
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

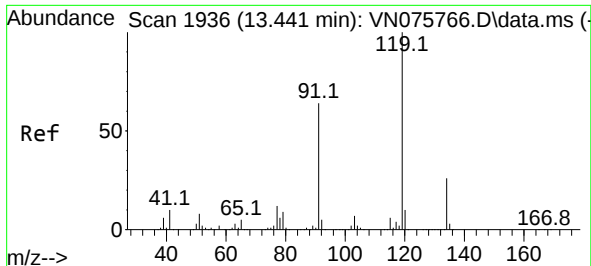
Tgt Ion: 75 Resp: 21981
Ion Ratio Lower Upper
75 100
53 111.9 73.8 110.6#
89 49.4 39.5 59.3



#82
4-Chlorotoluene
Concen: 18.823 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion: 91 Resp: 188579
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.5

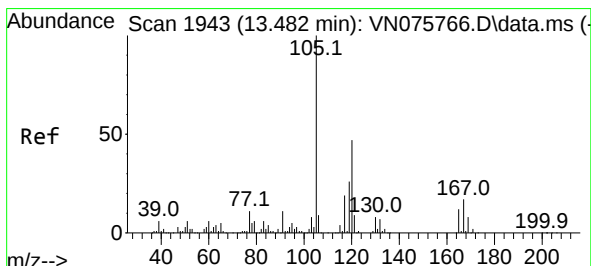
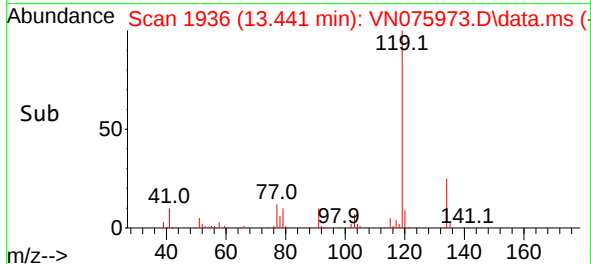
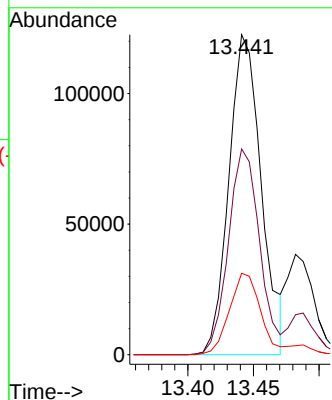
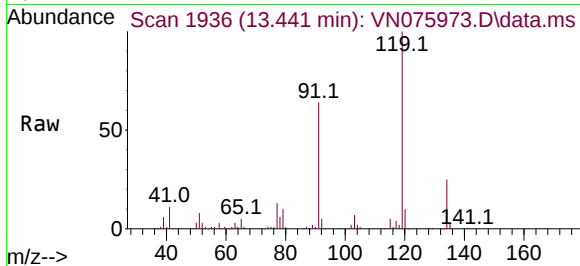




#83
tert-Butylbenzene
Concen: 19.654 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

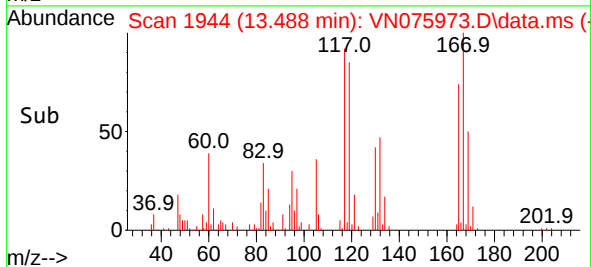
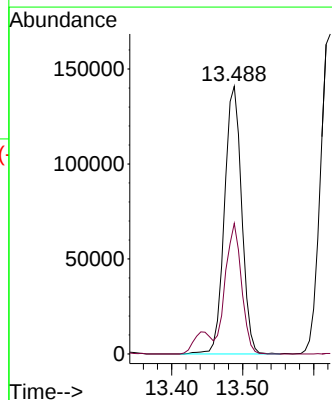
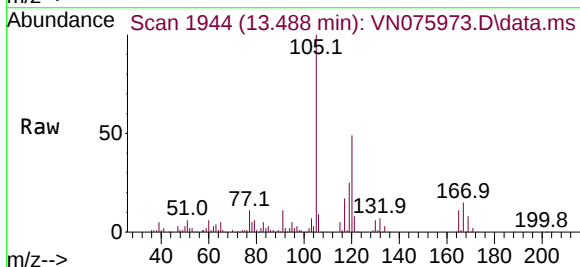
Instrument :
MSVOA_N
ClientSampleId :
VN1223MBSD02

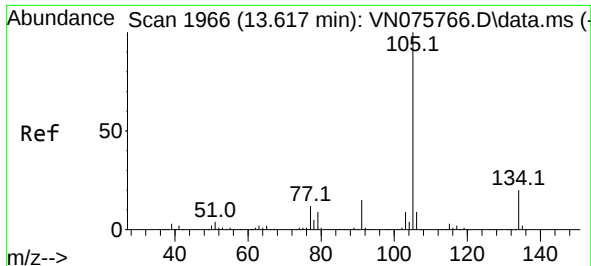
Tgt Ion:119 Resp: 211039
Ion Ratio Lower Upper
119 100
91 62.0 31.9 95.5
134 24.7 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 19.550 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075973.D
Acq: 23 Dec 2022 17:58

Tgt Ion:105 Resp: 236207
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8

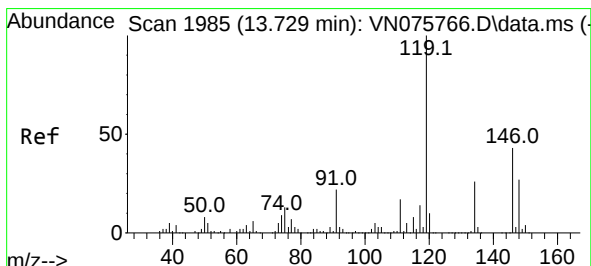
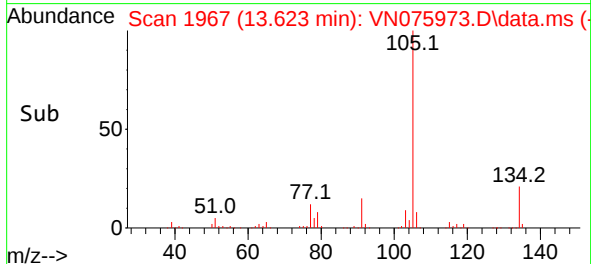
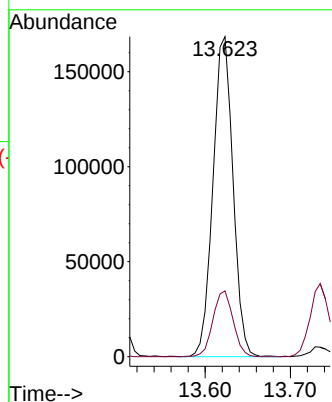
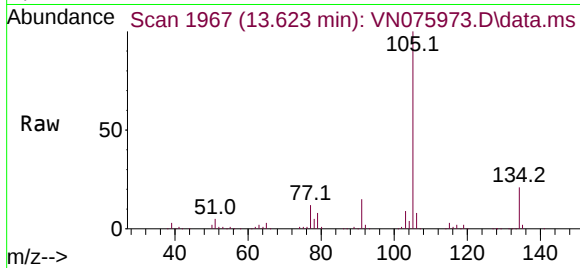




#85
 sec-Butylbenzene
 Concen: 18.562 ug/l
 RT: 13.623 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: VN075973.D
 Acq: 23 Dec 2022 17:58

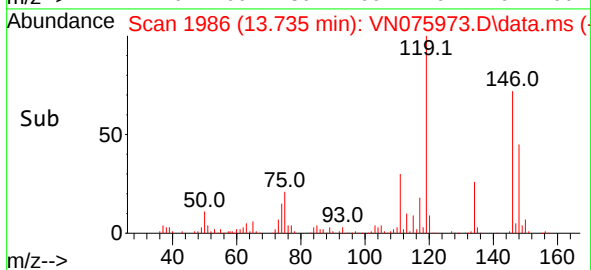
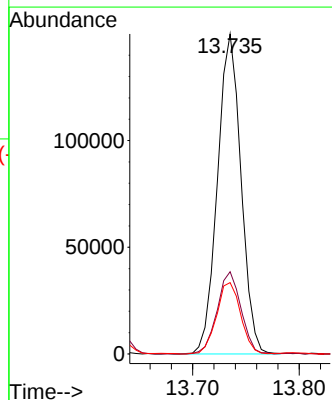
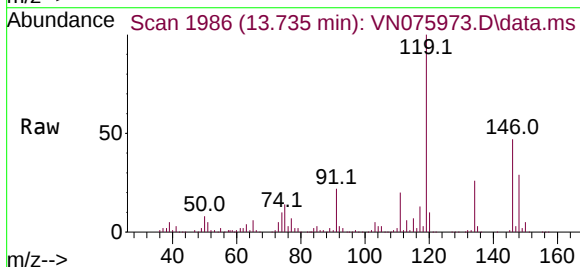
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223MBSD02

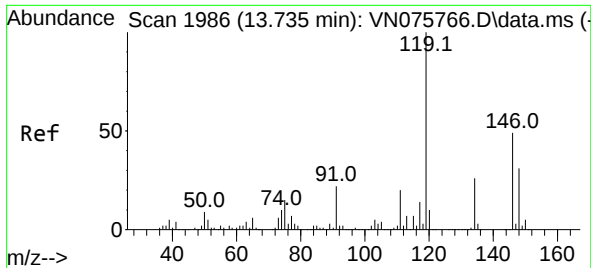
Tgt Ion:105 Resp: 275111
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.656 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075973.D
 Acq: 23 Dec 2022 17:58

Tgt Ion:119 Resp: 230066
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 22.9 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 18.089 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS02

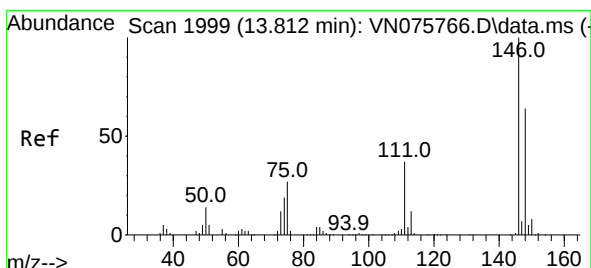
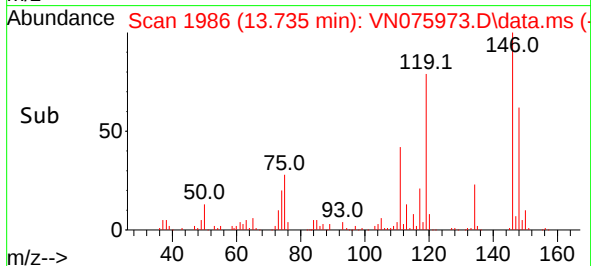
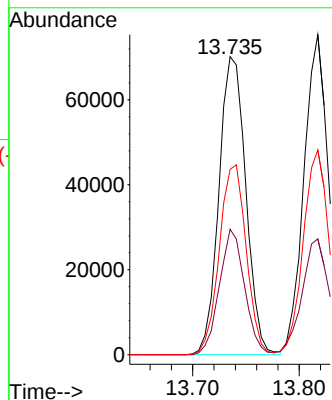
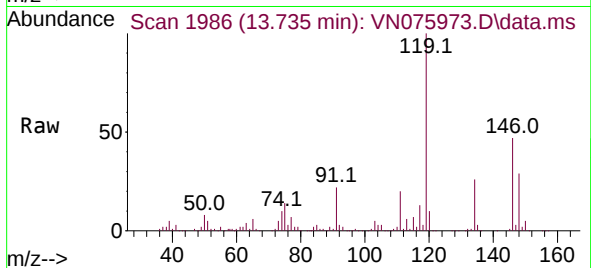
Tgt Ion:146 Resp: 123053

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

148 63.7 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 17.648 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

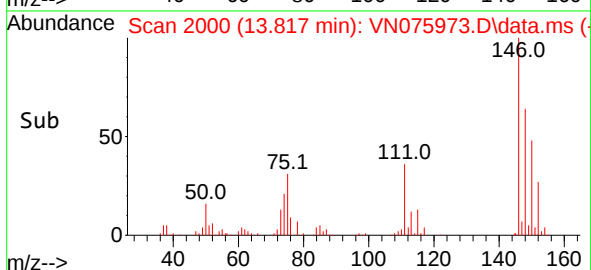
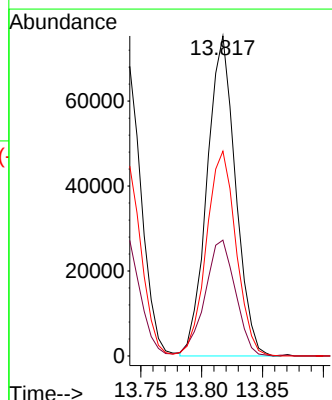
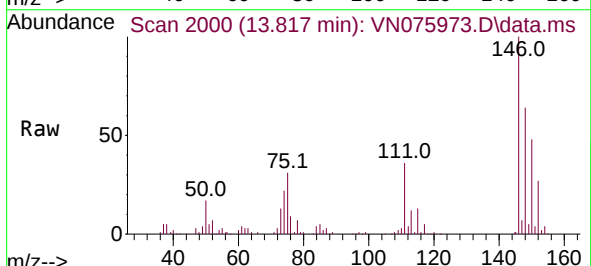
Tgt Ion:146 Resp: 122639

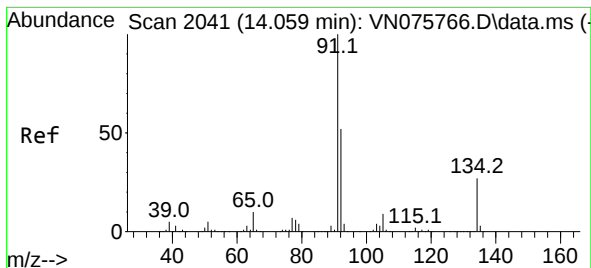
Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.1

148 66.8 32.0 96.2





#89

n-Butylbenzene

Concen: 17.074 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

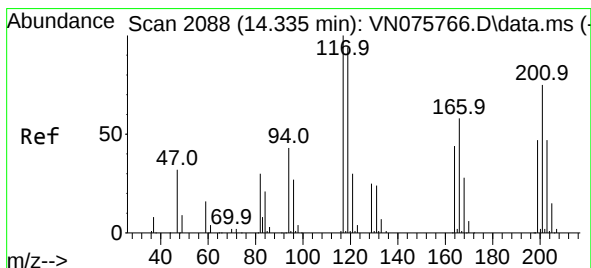
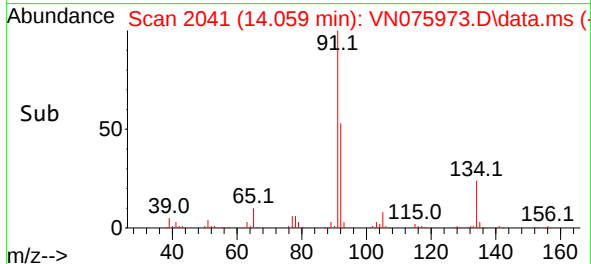
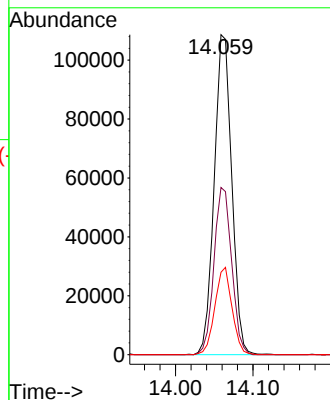
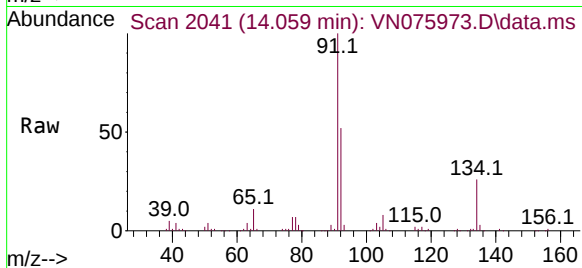
MSVOA_N

ClientSampleId :

VN1223MBS02

Tgt Ion: 91 Resp: 170584

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	26.7	13.4	40.2



#90

Hexachloroethane

Concen: 18.740 ug/l

RT: 14.335 min Scan# 2088

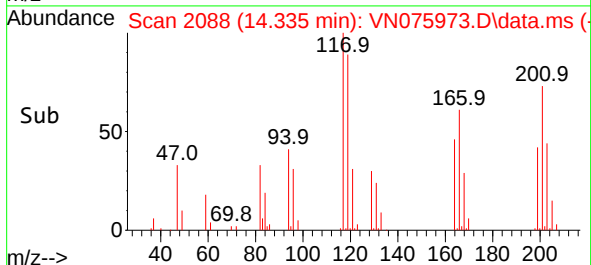
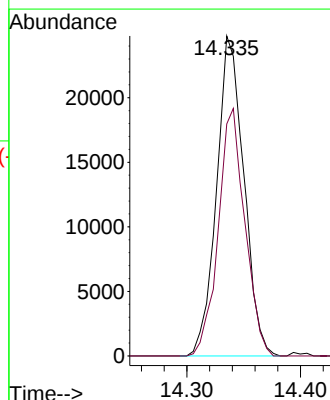
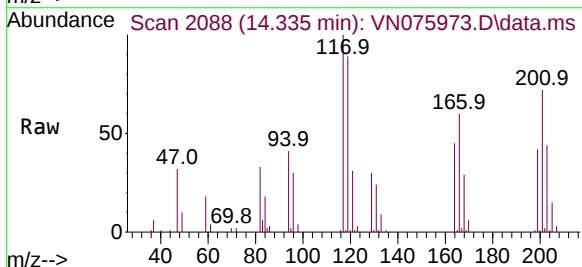
Delta R.T. -0.000 min

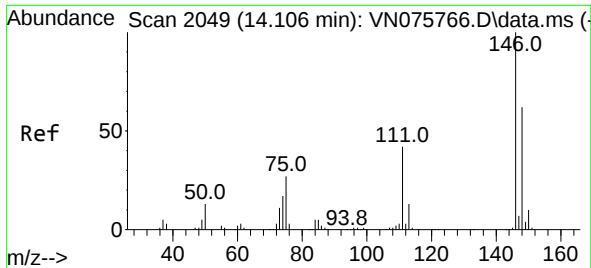
Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Tgt Ion: 117 Resp: 41339

Ion	Ratio	Lower	Upper
117	100		
201	75.4	38.0	114.1





#91

1,2-Dichlorobenzene

Concen: 18.858 ug/l

RT: 14.111 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBSD02

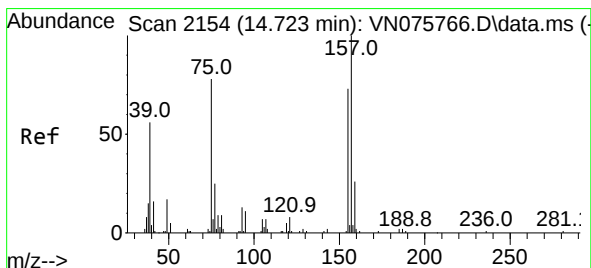
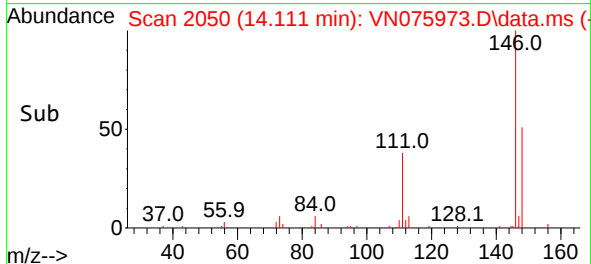
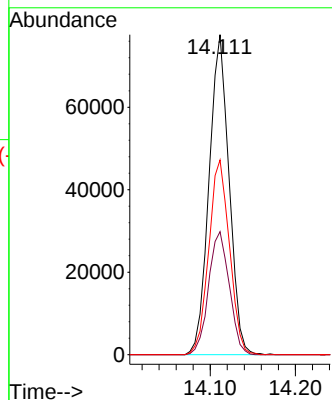
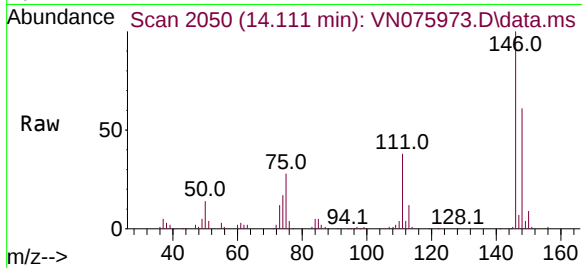
Tgt Ion:146 Resp: 126358

Ion Ratio Lower Upper

146 100

111 39.9 20.3 61.0

148 63.0 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.815 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

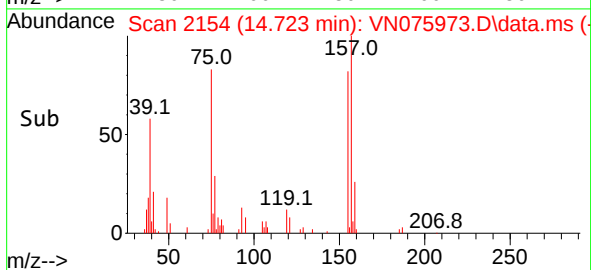
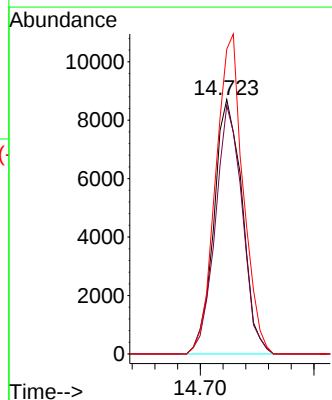
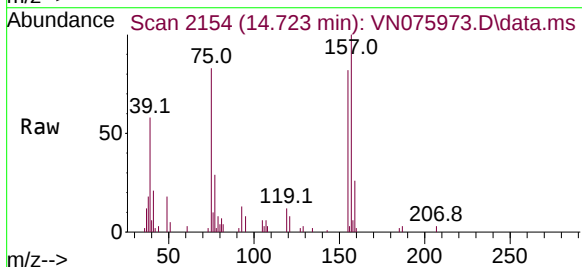
Tgt Ion: 75 Resp: 15018

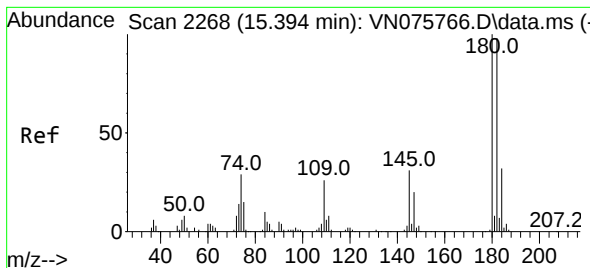
Ion Ratio Lower Upper

75 100

155 93.4 49.3 147.8

157 122.2 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 16.323 ug/l

RT: 15.400 min Scan# 2269

Delta R.T. 0.006 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBS02

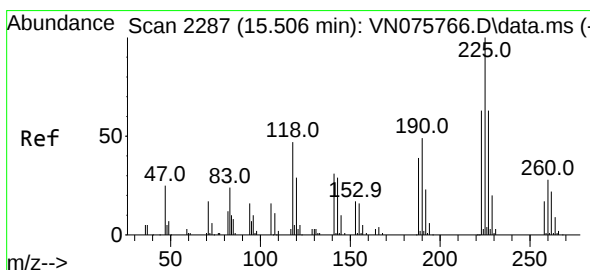
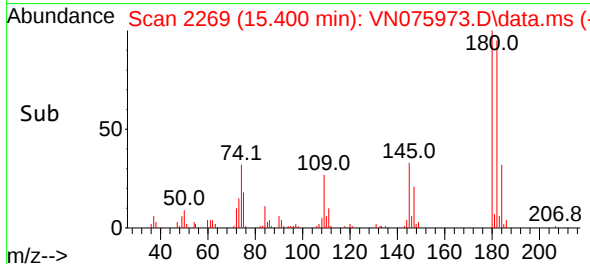
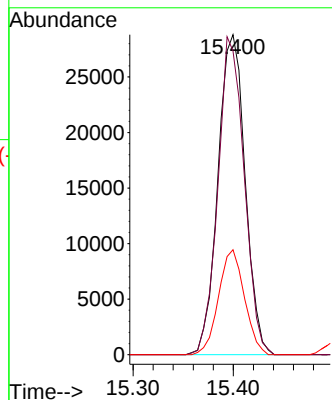
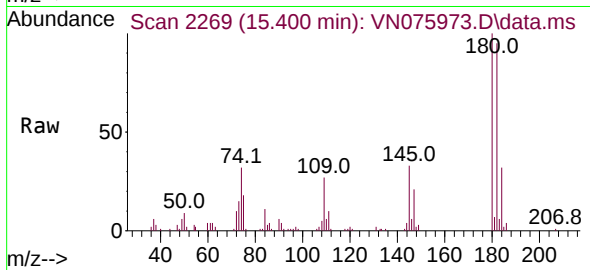
Tgt Ion:180 Resp: 54149

Ion Ratio Lower Upper

180 100

182 96.1 47.5 142.5

145 31.3 15.3 45.8



#94

Hexachlorobutadiene

Concen: 15.916 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

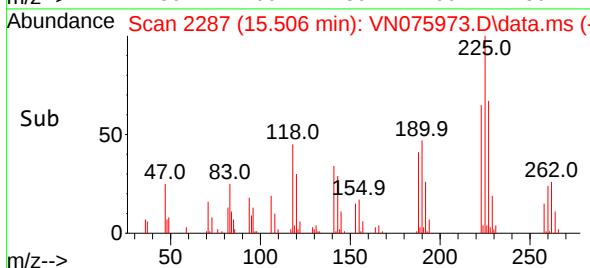
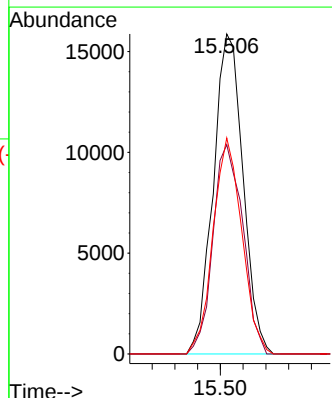
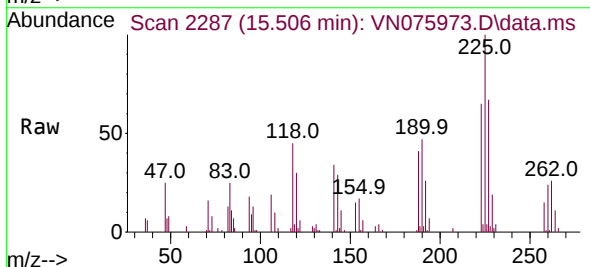
Tgt Ion:225 Resp: 28805

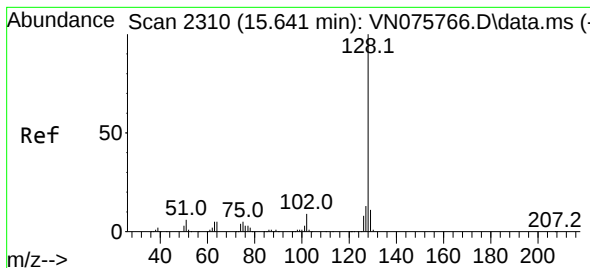
Ion Ratio Lower Upper

225 100

223 65.9 31.5 94.5

227 65.5 31.6 95.0





#95

Naphthalene

Concen: 17.046 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Instrument :

MSVOA_N

ClientSampleId :

VN1223MBSD02

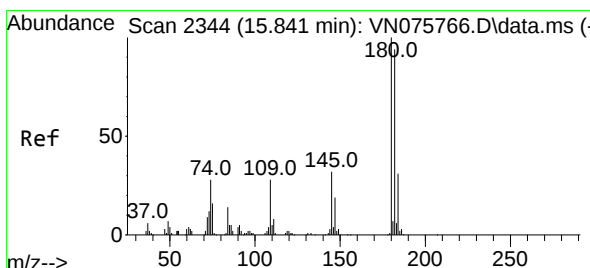
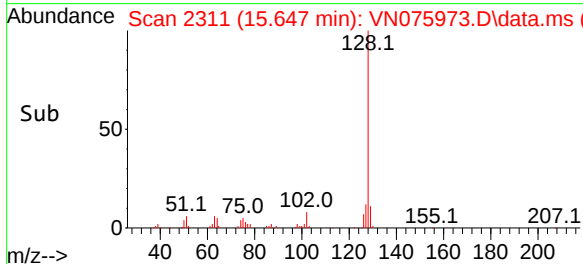
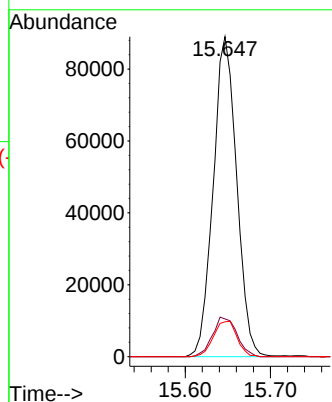
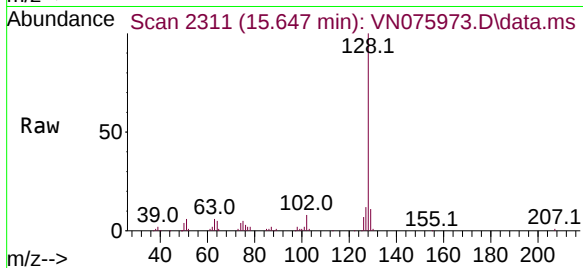
Tgt Ion:128 Resp: 170358

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.463 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075973.D

Acq: 23 Dec 2022 17:58

Tgt Ion:180 Resp: 54145

Ion Ratio Lower Upper

180 100

182 96.1 47.0 141.0

145 32.4 16.0 47.9

