

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076018.D
 Acq On : 28 Dec 2022 23:19
 Operator : JC\MD
 Sample : VN1228WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS02

Quant Time: Dec 29 07:22:29 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	312489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	507670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	436348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	177657	52.258	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.520%	
35) Dibromofluoromethane	8.177	113	166175	52.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.720%	
50) Toluene-d8	10.571	98	585139	49.779	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	12.853	95	196020	50.348	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.700%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	32949	14.850	ug/l	91
3) Chloromethane	2.377	50	42403	15.369	ug/l	97
4) Vinyl Chloride	2.530	62	53411	16.229	ug/l	97
5) Bromomethane	2.959	94	47077	16.831	ug/l	98
6) Chloroethane	3.130	64	41394	16.985	ug/l	99
7) Trichlorofluoromethane	3.512	101	84172	16.855	ug/l	99
8) Diethyl Ether	3.971	74	34988	19.182	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	49947	17.515	ug/l	99
10) Methyl Iodide	4.606	142	79487	17.176	ug/l	98
11) Tert butyl alcohol	5.541	59	45706	95.015	ug/l	99
12) 1,1-Dichloroethene	4.353	96	46253	16.701	ug/l	95
13) Acrolein	4.194	56	59173	100.338	ug/l	99
14) Allyl chloride	5.036	41	56770	17.535	ug/l	94
15) Acrylonitrile	5.736	53	124941	95.177	ug/l	97
16) Acetone	4.447	43	98099	83.709	ug/l	98
17) Carbon Disulfide	4.730	76	89928	13.411	ug/l	97
18) Methyl Acetate	5.036	43	67994	19.628	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	182318	19.990	ug/l	97
20) Methylene Chloride	5.294	84	61656	19.274	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	52305	17.245	ug/l	95
22) Diisopropyl ether	6.688	45	154444	19.637	ug/l	98
23) Vinyl Acetate	6.618	43	480426	90.754	ug/l	99
24) 1,1-Dichloroethane	6.583	63	95930	18.289	ug/l	99
25) 2-Butanone	7.488	43	153530	93.566	ug/l	100
26) 2,2-Dichloropropane	7.500	77	77309	17.404	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	66368	18.296	ug/l	98
28) Bromochloromethane	7.824	49	41574	18.083	ug/l	97
29) Tetrahydrofuran	7.847	42	102730	99.903	ug/l	98
30) Chloroform	7.977	83	108856	18.432	ug/l	99
31) Cyclohexane	8.265	56	76587	15.730	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	94281	18.007	ug/l	98
36) 1,1-Dichloropropene	8.377	75	70265	16.824	ug/l	99
37) Ethyl Acetate	7.571	43	66231	19.743	ug/l	96
38) Carbon Tetrachloride	8.371	117	80010	17.117	ug/l	96
39) Methylcyclohexane	9.606	83	83553	16.583	ug/l	99
40) Benzene	8.612	78	231341	17.953	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	35456	20.333	ug/l	97
42) 1,2-Dichloroethane	8.677	62	82915	19.355	ug/l	99
43) Isopropyl Acetate	8.694	43	114063	20.612	ug/l	97
44) Trichloroethene	9.359	130	63085	17.378	ug/l	99
45) 1,2-Dichloropropane	9.624	63	57149	18.226	ug/l	99
46) Dibromomethane	9.718	93	43568	18.733	ug/l	99
47) Bromodichloromethane	9.894	83	87641	19.216	ug/l	98
48) Methyl methacrylate	9.682	41	49403	19.822	ug/l	97
49) 1,4-Dioxane	9.700	88	21100	344.359	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	338994	101.295	ug/l	99
52) Toluene	10.635	92	152108	18.125	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	83983	18.811	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	93321	19.038	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	63023	19.133	ug/l	96
56) Ethyl methacrylate	10.876	69	90246	20.627	ug/l	99
57) 1,3-Dichloropropane	11.171	76	105487	19.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	134593	96.621	ug/l	100
59) 2-Hexanone	11.200	43	240398	98.501	ug/l	100
60) Dibromochloromethane	11.359	129	69598	18.999	ug/l	97
61) 1,2-Dibromoethane	11.470	107	65100	19.530	ug/l	99
64) Tetrachloroethene	11.106	164	60252	19.623	ug/l	98
65) Chlorobenzene	11.894	112	163879	18.298	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	65763	19.825	ug/l	100
67) Ethyl Benzene	11.965	91	284788	18.841	ug/l	98
68) m/p-Xylenes	12.076	106	227254	37.986	ug/l	98
69) o-Xylene	12.400	106	115210	19.460	ug/l	99
70) Styrene	12.412	104	184384	19.587	ug/l	99
71) Bromoform	12.582	173	48808	20.220	ug/l #	100
73) Isopropylbenzene	12.700	105	292434	19.958	ug/l	100
74) N-amyl acetate	12.500	43	91961	21.394	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	91602	20.223	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	105077	25.709	ug/l	71
77) Bromobenzene	12.982	156	72114	19.447	ug/l	98
78) n-propylbenzene	13.041	91	318489	19.707	ug/l	100
79) 2-Chlorotoluene	13.129	91	196188	19.447	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	246860	20.130	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	23458	20.659	ug/l	96
82) 4-Chlorotoluene	13.129	91	196188	19.447	ug/l	98
83) tert-Butylbenzene	13.441	119	225429	20.849	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	242390	19.924	ug/l	99
85) sec-Butylbenzene	13.617	105	300157	20.113	ug/l	100
86) p-Isopropyltoluene	13.735	119	250919	20.206	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	129087	18.845	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	127058	18.158	ug/l	99
89) n-Butylbenzene	14.059	91	187701	18.658	ug/l	99
90) Hexachloroethane	14.335	117	43909	19.767	ug/l	100
91) 1,2-Dichlorobenzene	14.111	146	131426	19.479	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14256	17.737	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	60087	17.989	ug/l	100
94) Hexachlorobutadiene	15.506	225	34546	18.956	ug/l	98
95) Naphthalene	15.647	128	191620	18.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	59576	19.083	ug/l	98

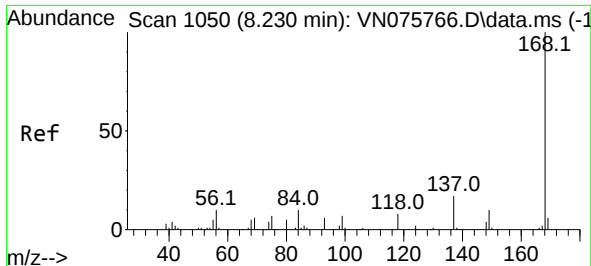
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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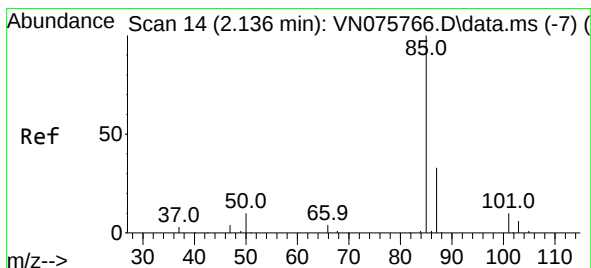
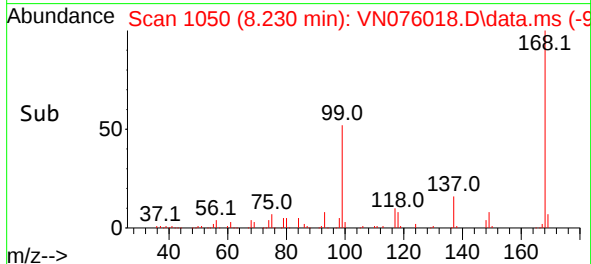
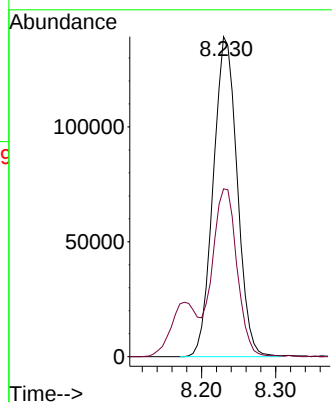
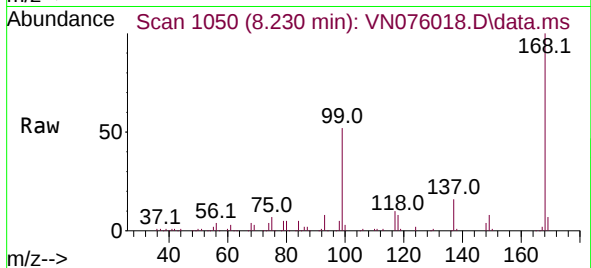
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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Acq: 28 Dec 2022 23:19

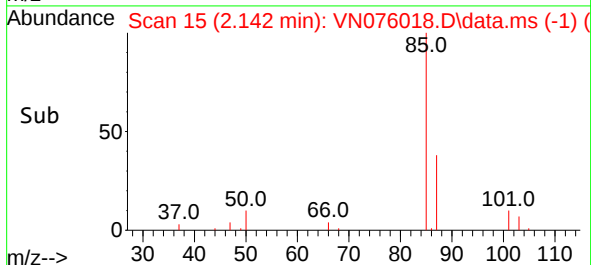
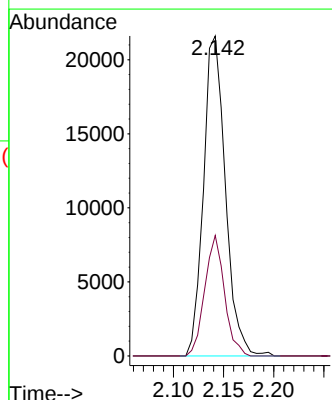
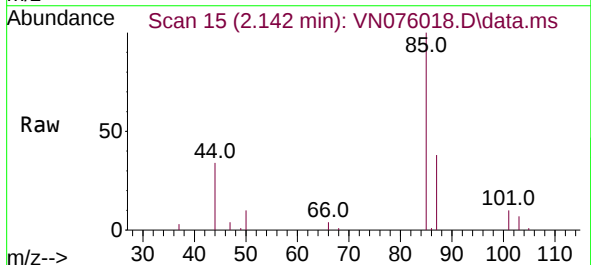
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ClientSampleId :
VN1228WBS02

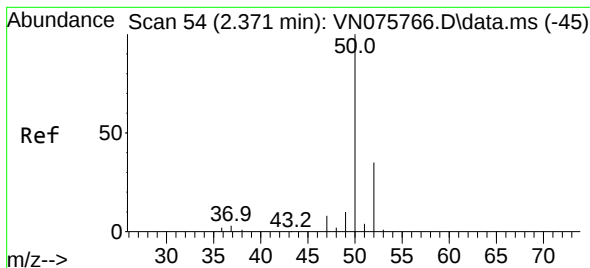
Tgt Ion:168 Resp: 312489
Ion Ratio Lower Upper
168 100
99 52.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 14.850 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 85 Resp: 32949
Ion Ratio Lower Upper
85 100
87 37.6 16.3 48.9





#3

Chloromethane

Concen: 15.369 ug/l

RT: 2.377 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

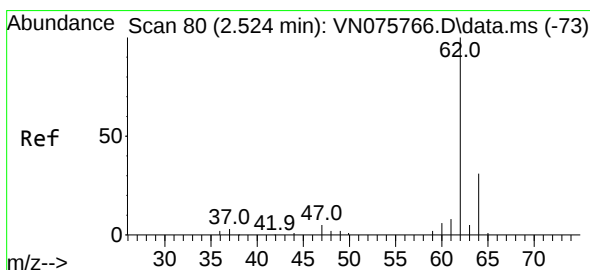
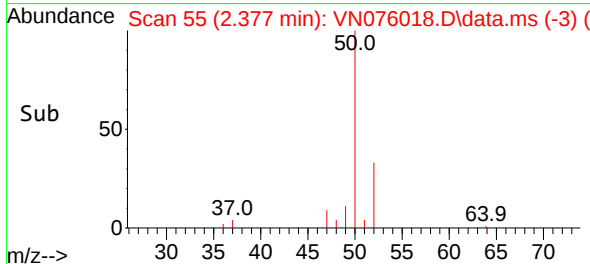
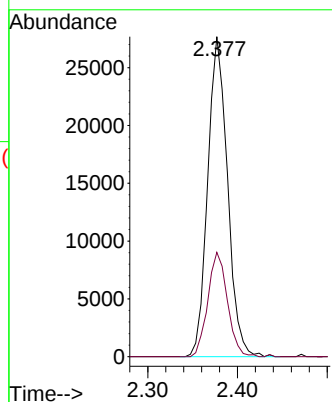
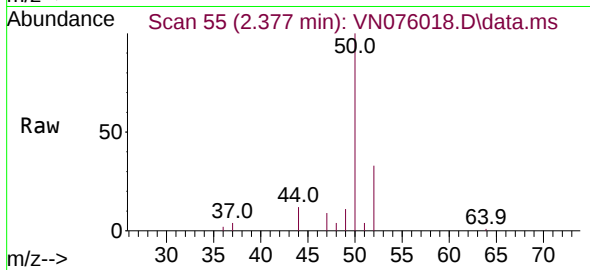
VN1228WBS02

Tgt Ion: 50 Resp: 42403

Ion Ratio Lower Upper

50 100

52 32.6 27.7 41.5



#4

Vinyl Chloride

Concen: 16.229 ug/l

RT: 2.530 min Scan# 81

Delta R.T. 0.006 min

Lab File: VN076018.D

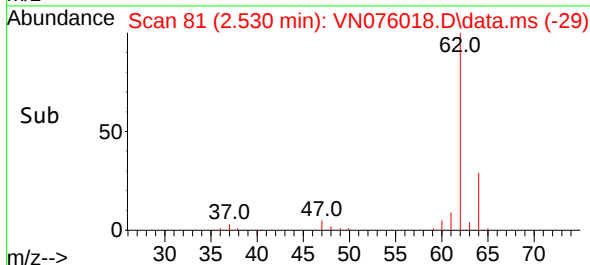
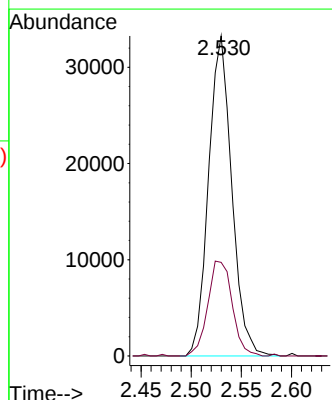
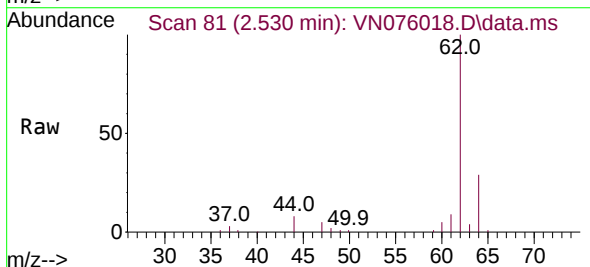
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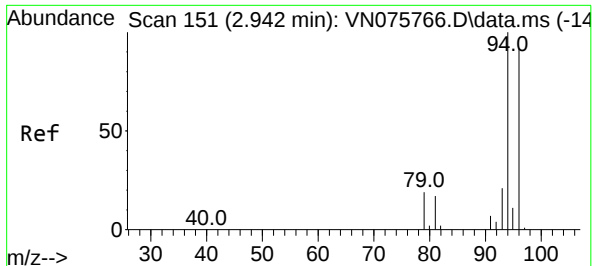
Tgt Ion: 62 Resp: 53411

Ion Ratio Lower Upper

62 100

64 29.2 24.9 37.3

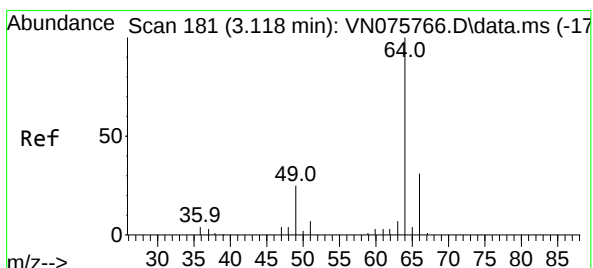
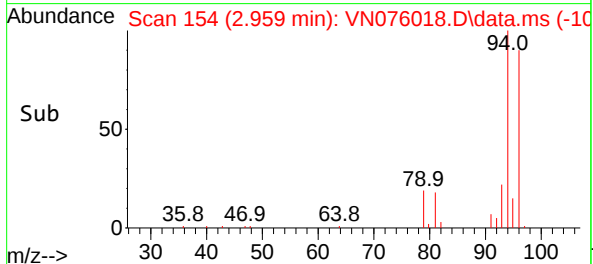
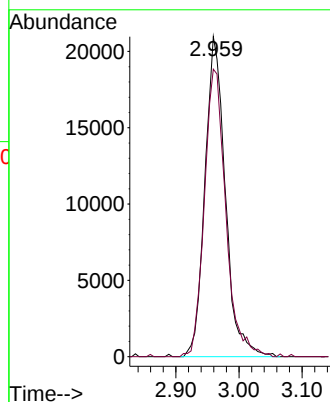
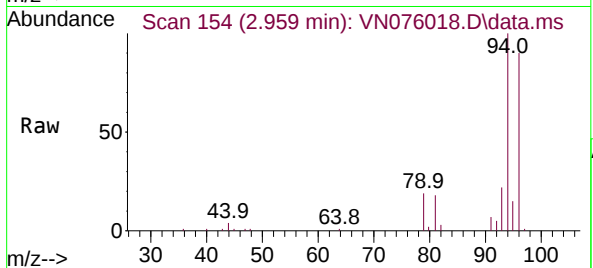




#5
Bromomethane
Concen: 16.831 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.018 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

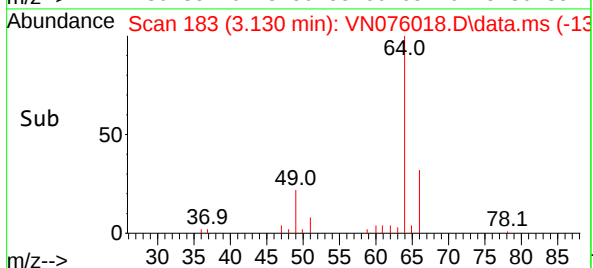
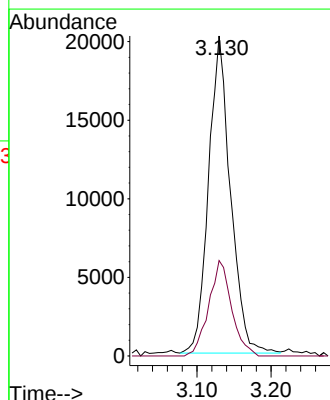
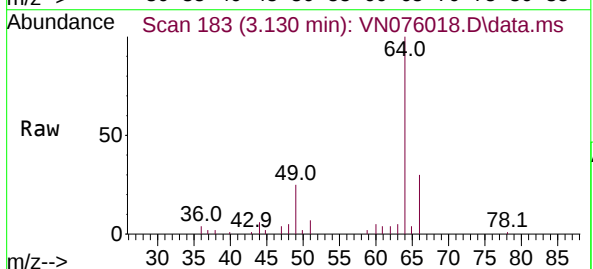
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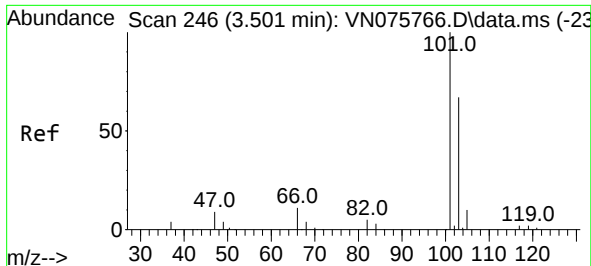
Tgt Ion: 94 Resp: 47077
Ion Ratio Lower Upper
94 100
96 89.9 73.8 110.6



#6
Chloroethane
Concen: 16.985 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 64 Resp: 41394
Ion Ratio Lower Upper
64 100
66 30.1 24.6 36.8

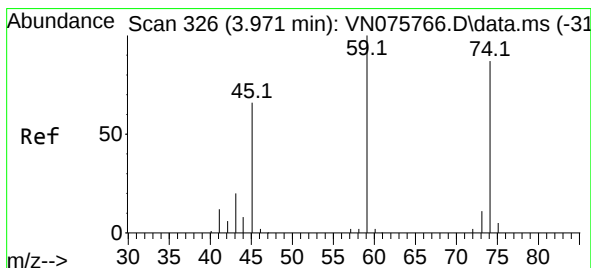
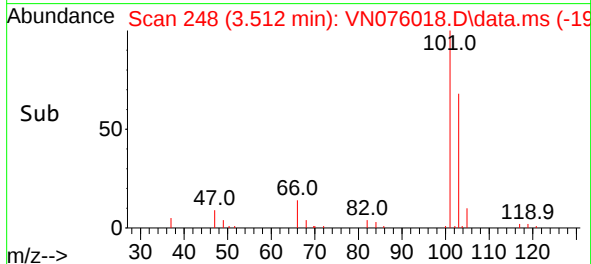
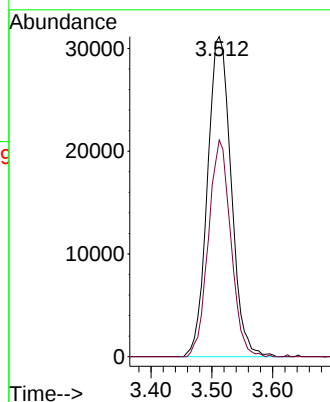
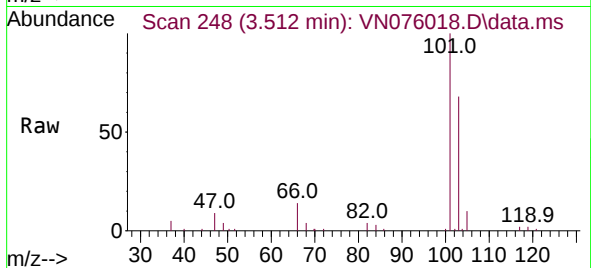




#7
 Trichlorofluoromethane
 Concen: 16.855 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN076018.D
 Acq: 28 Dec 2022 23:19

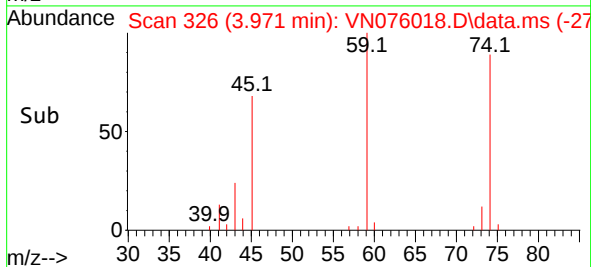
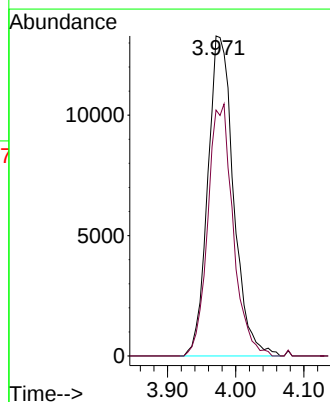
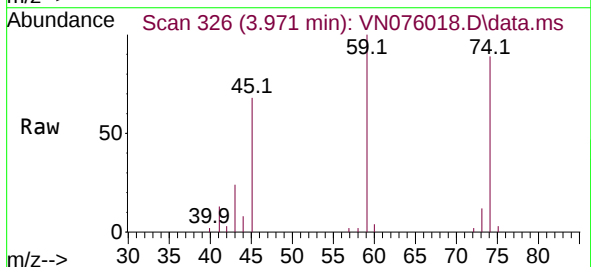
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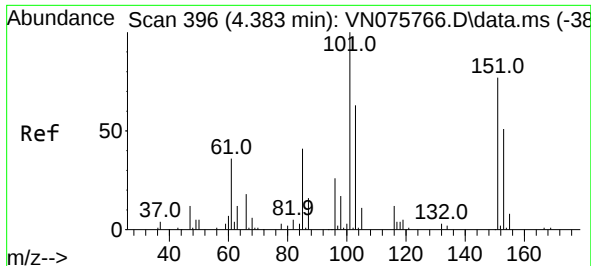
Tgt Ion:101 Resp: 84172
 Ion Ratio Lower Upper
 101 100
 103 67.7 53.4 80.2



#8
 Diethyl Ether
 Concen: 19.182 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN076018.D
 Acq: 28 Dec 2022 23:19

Tgt Ion: 74 Resp: 34988
 Ion Ratio Lower Upper
 74 100
 45 77.0 37.8 113.4

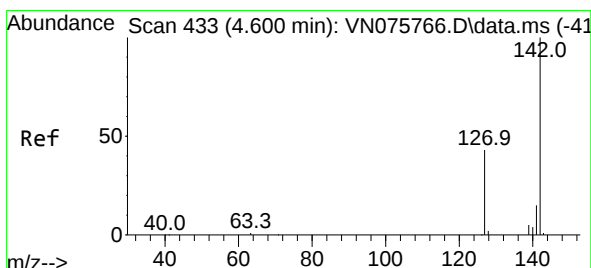
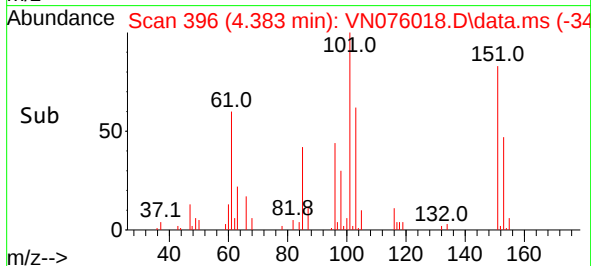
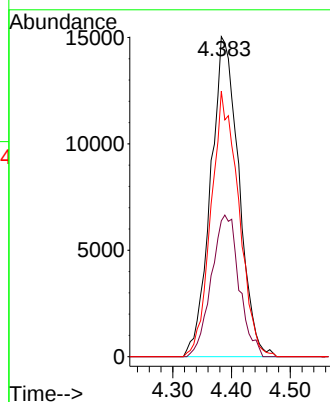
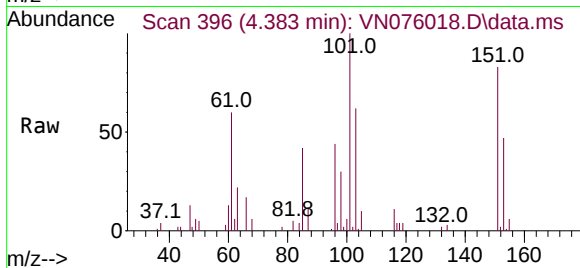




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.515 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN076018.D
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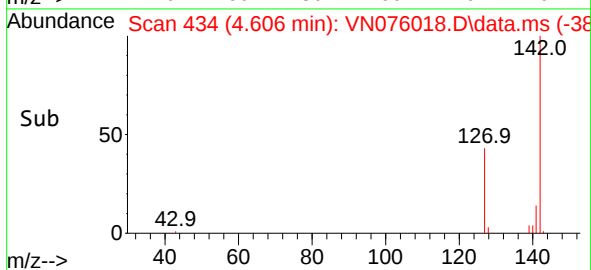
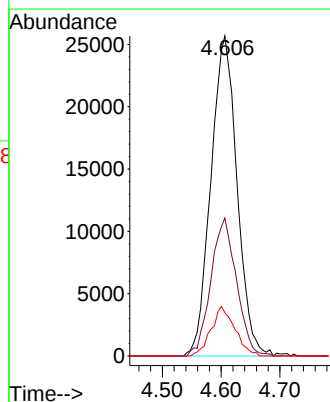
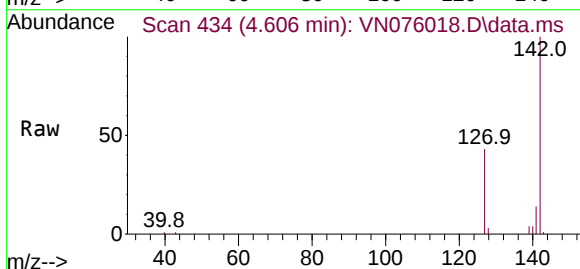
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

Tgt Ion:	101	Resp:	49947
Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.3	52.9
151	81.4	65.6	98.4



#10
Methyl Iodide
Concen: 17.176 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion:	142	Resp:	79487
Ion	Ratio	Lower	Upper
142	100		
127	42.2	34.7	52.1
141	14.0	11.4	17.2

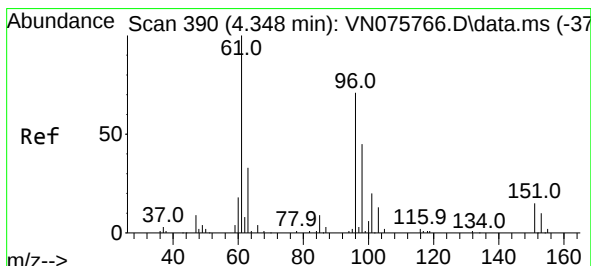
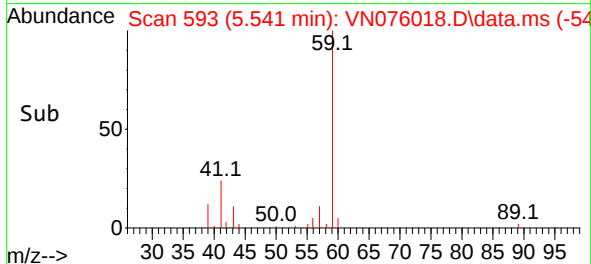
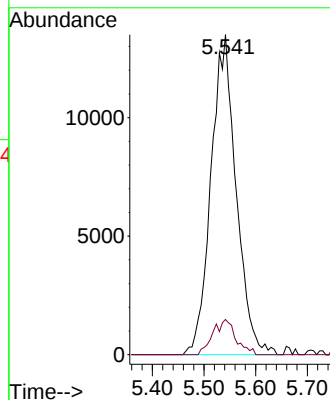
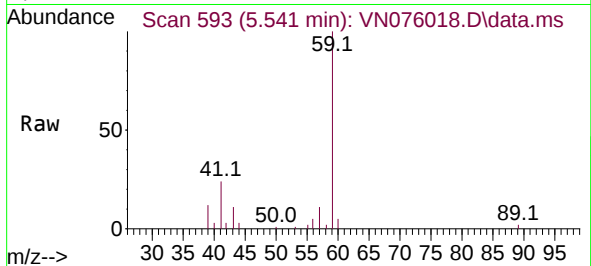




#11
Tert butyl alcohol
Concen: 95.015 ug/l
RT: 5.541 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

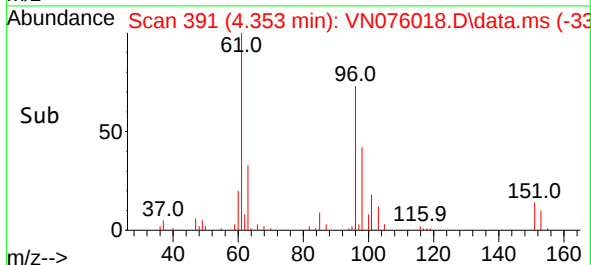
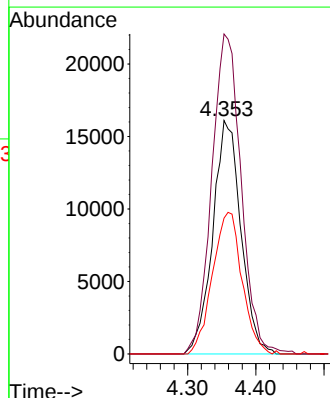
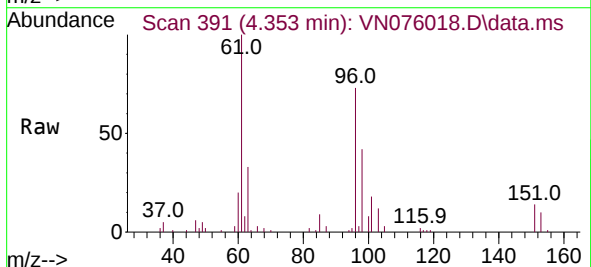
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

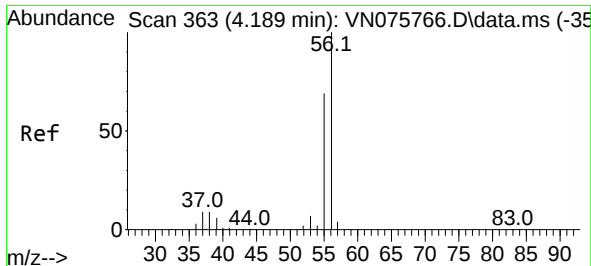
Tgt Ion: 59 Resp: 45706
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 16.701 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 96 Resp: 46253
Ion Ratio Lower Upper
96 100
61 137.1 113.3 169.9
98 58.2 50.9 76.3

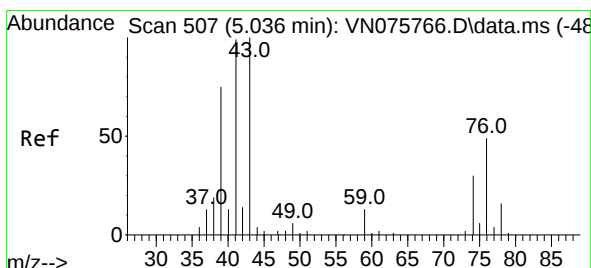
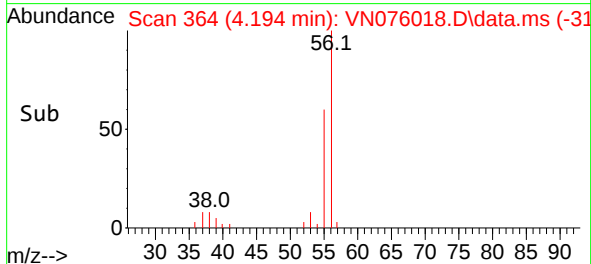
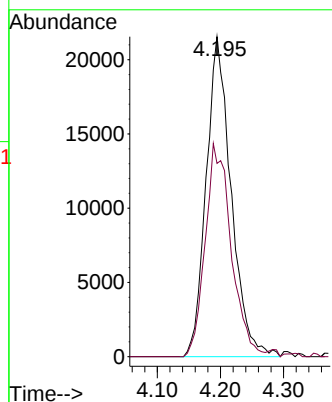
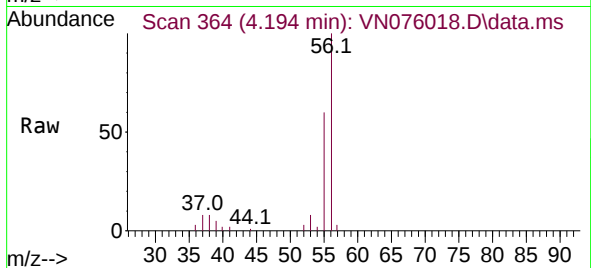




#13
Acrolein
Concen: 100.338 ug/l
RT: 4.194 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

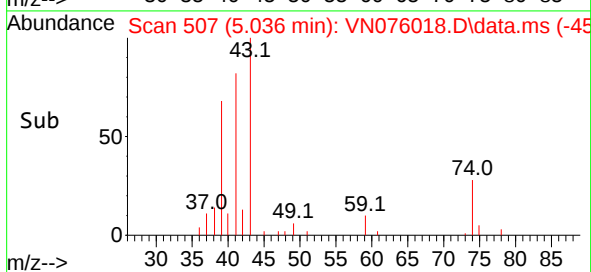
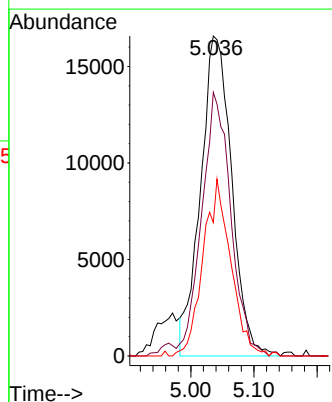
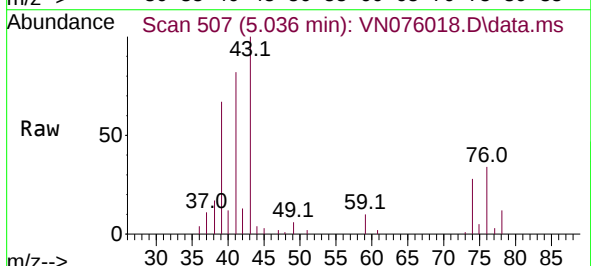
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

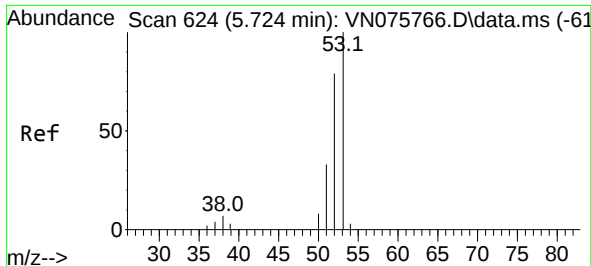
Tgt Ion: 56 Resp: 59173
Ion Ratio Lower Upper
56 100
55 69.1 54.8 82.2



#14
Allyl chloride
Concen: 17.535 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 41 Resp: 56770
Ion Ratio Lower Upper
41 100
39 77.2 58.3 87.5
76 48.9 35.8 53.6

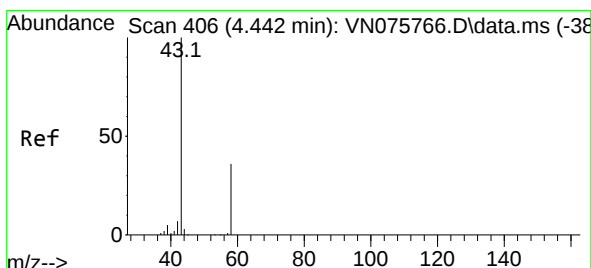
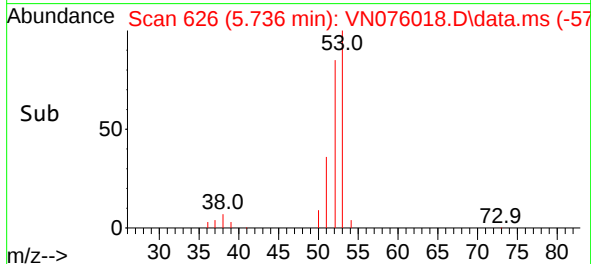
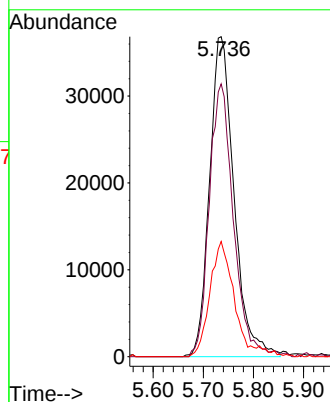
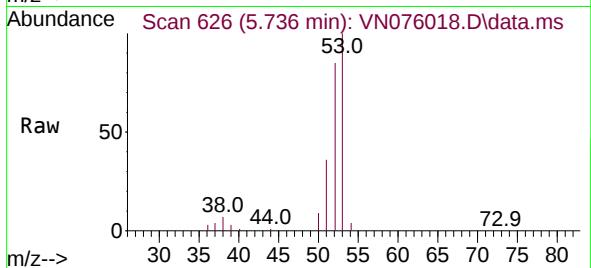




#15
Acrylonitrile
Concen: 95.177 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

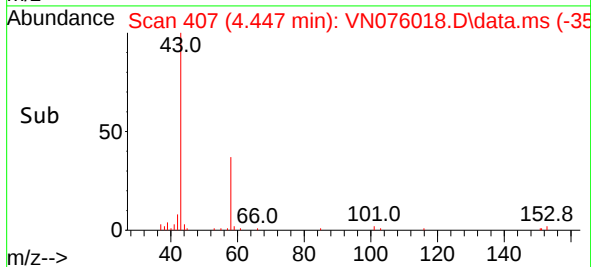
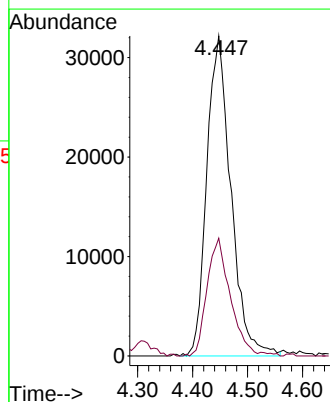
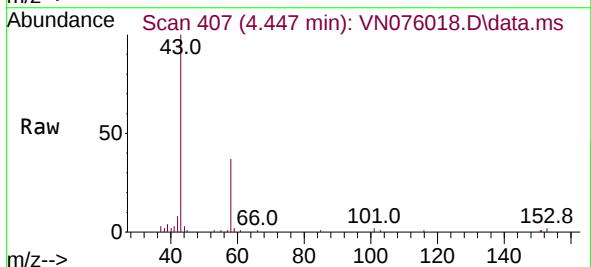
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

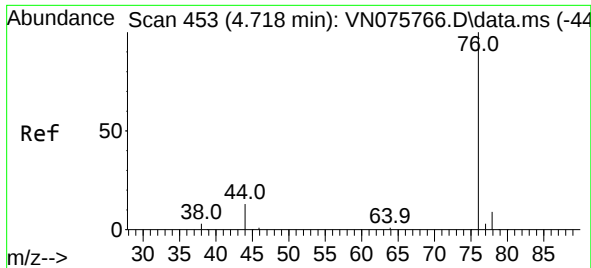
Tgt Ion: 53 Resp: 124941
Ion Ratio Lower Upper
53 100
52 84.4 65.4 98.0
51 34.9 28.9 43.3



#16
Acetone
Concen: 83.709 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 43 Resp: 98099
Ion Ratio Lower Upper
43 100
58 36.8 28.6 43.0

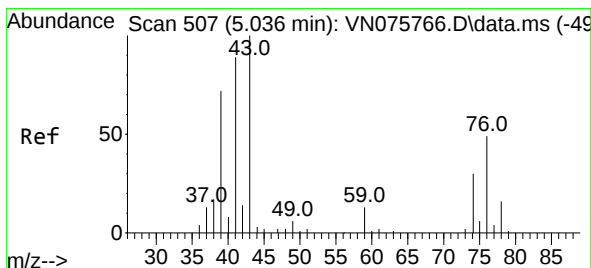
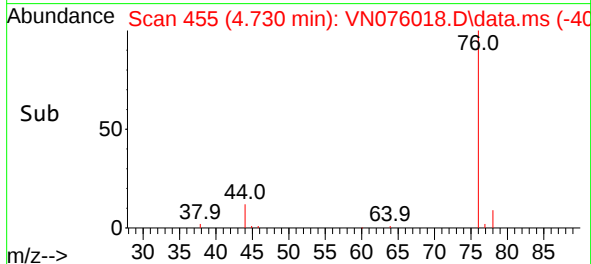
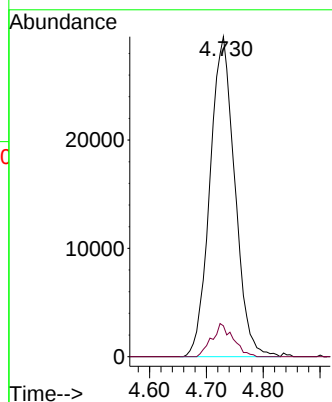
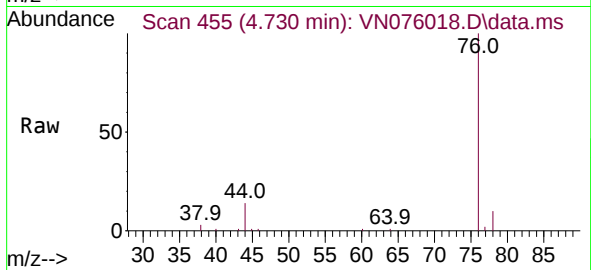




#17
Carbon Disulfide
Concen: 13.411 ug/l
RT: 4.730 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

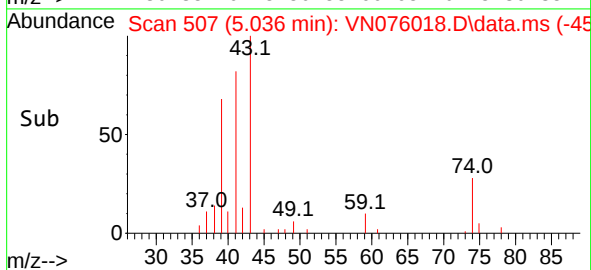
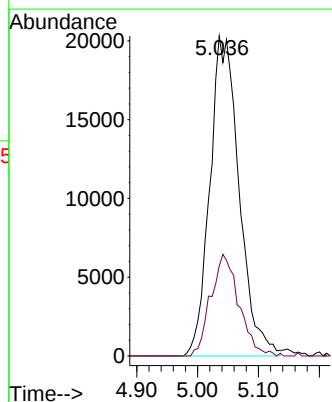
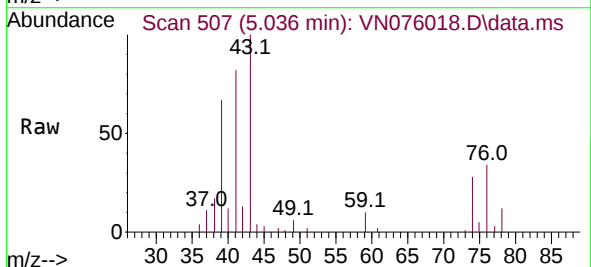
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

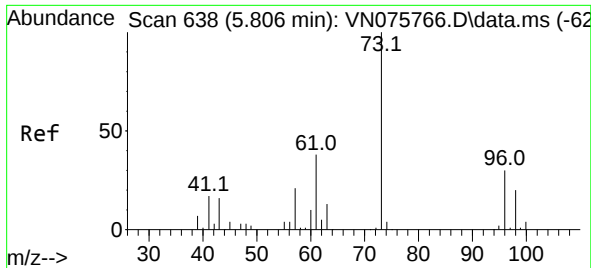
Tgt Ion: 76 Resp: 89928
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 19.628 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 43 Resp: 67994
Ion Ratio Lower Upper
43 100
74 30.6 23.6 35.4

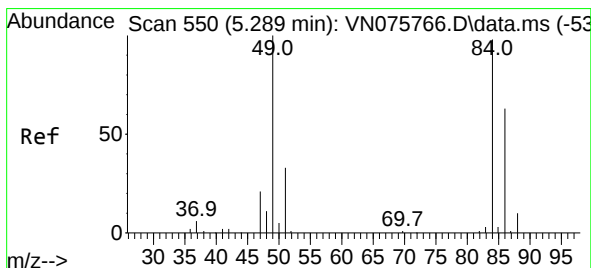
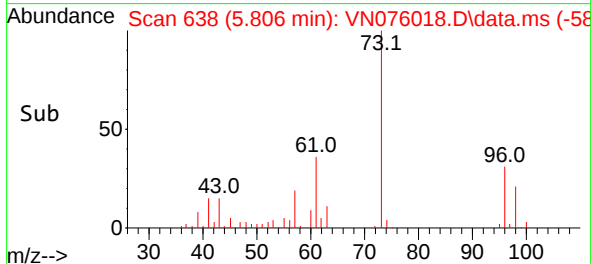
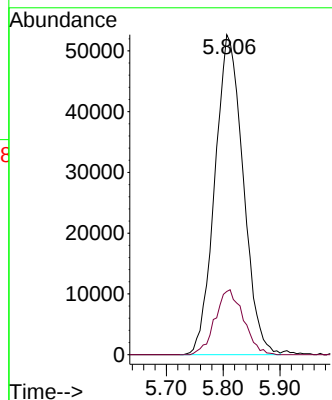
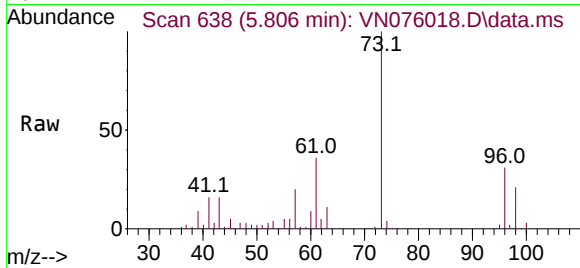




#19
Methyl tert-butyl Ether
Concen: 19.990 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

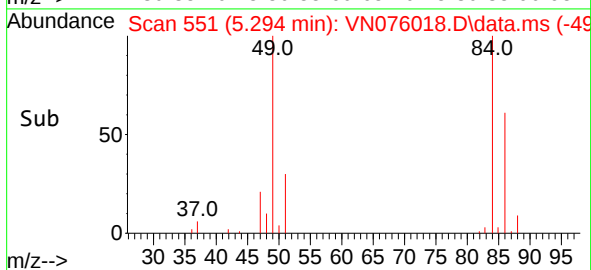
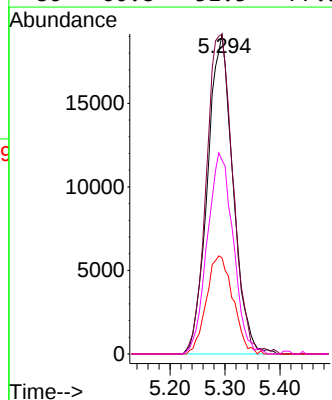
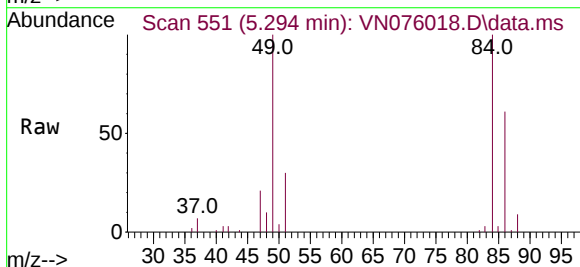
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

Tgt Ion: 73 Resp: 182318
Ion Ratio Lower Upper
73 100
57 19.8 17.1 25.7



#20
Methylene Chloride
Concen: 19.274 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 84 Resp: 61656
Ion Ratio Lower Upper
84 100
49 100.3 81.8 122.6
51 30.1 26.7 40.1
86 60.8 51.5 77.3

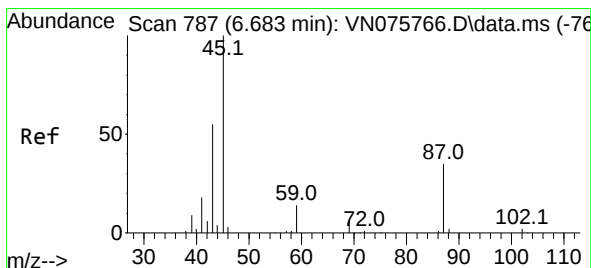
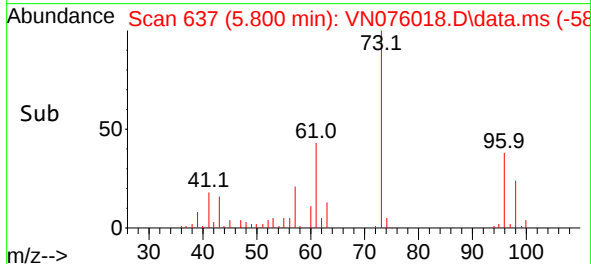
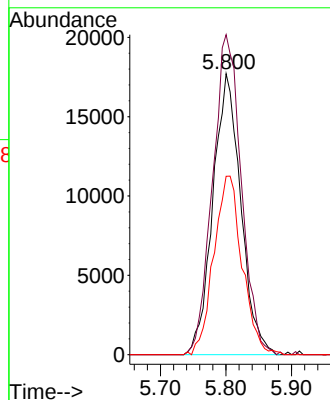
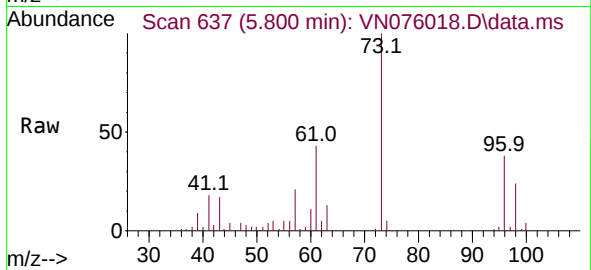




#21
trans-1,2-Dichloroethene
Concen: 17.245 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

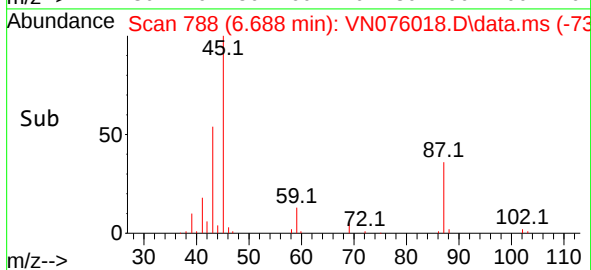
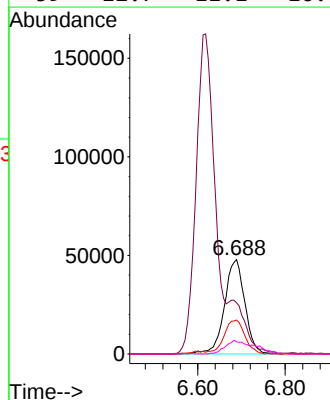
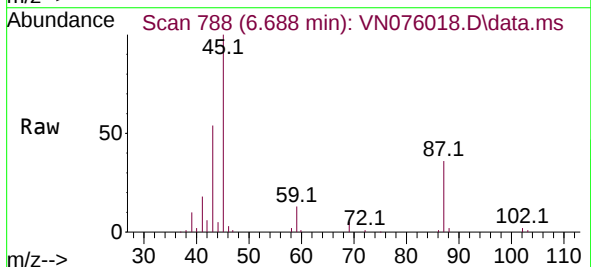
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

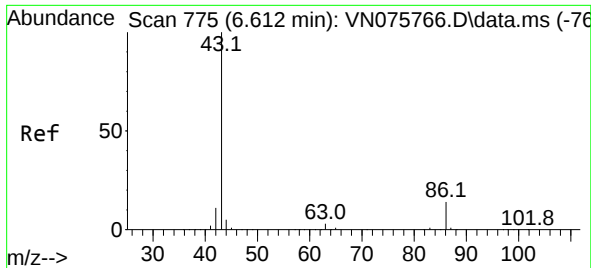
Tgt Ion: 96 Resp: 52305
Ion Ratio Lower Upper
96 100
61 113.9 98.1 147.1
98 63.5 51.4 77.2



#22
Diisopropyl ether
Concen: 19.637 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 45 Resp: 154444
Ion Ratio Lower Upper
45 100
43 53.1 44.2 66.4
87 35.9 28.3 42.5
59 12.7 11.1 16.7

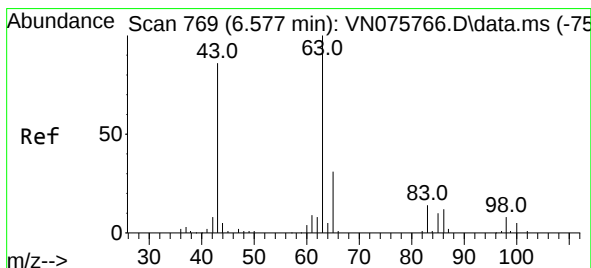
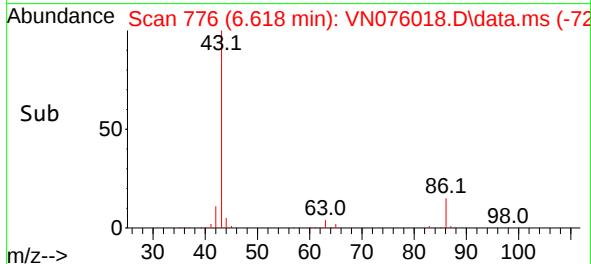
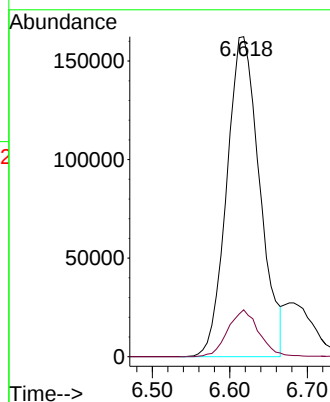
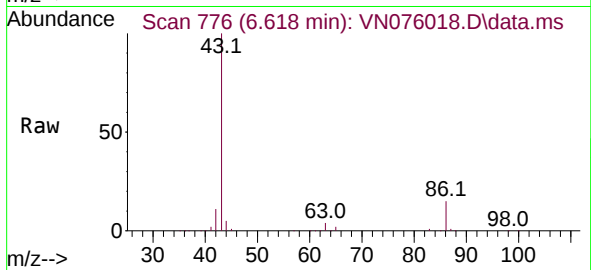




#23
 Vinyl Acetate
 Concen: 90.754 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076018.D
 Acq: 28 Dec 2022 23:19

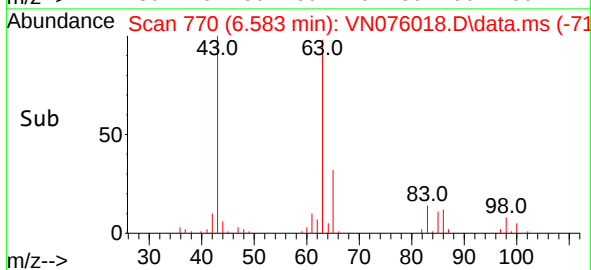
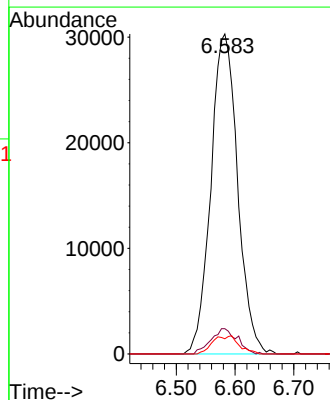
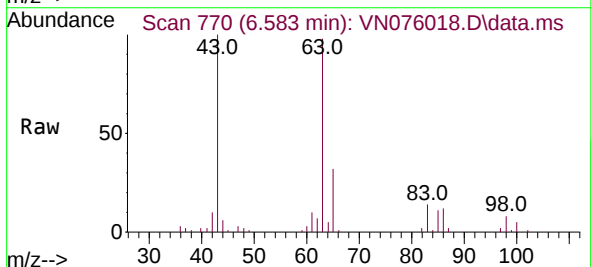
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS02

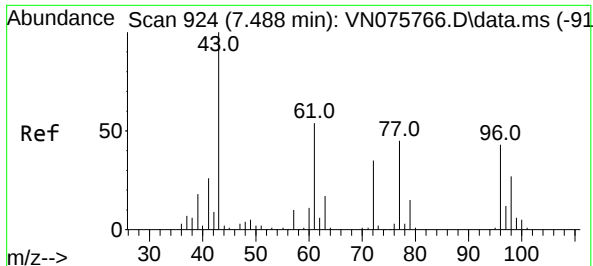
Tgt Ion: 43 Resp: 480426
 Ion Ratio Lower Upper
 43 100
 86 14.7 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 18.289 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076018.D
 Acq: 28 Dec 2022 23:19

Tgt Ion: 63 Resp: 95930
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.5
 100 4.8 2.5 7.6





#25

2-Butanone

Concen: 93.566 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

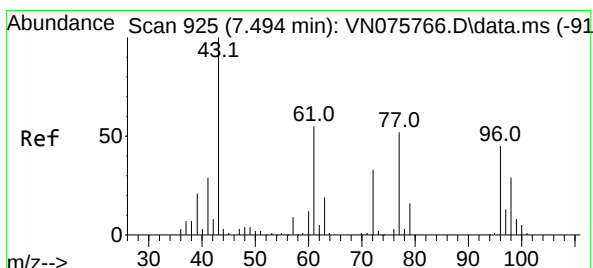
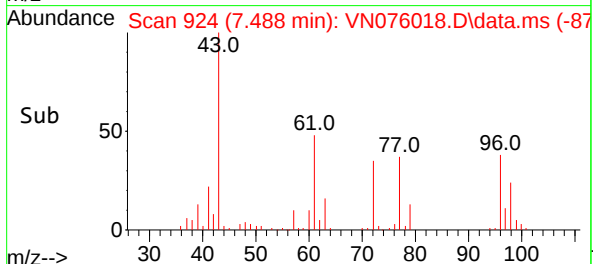
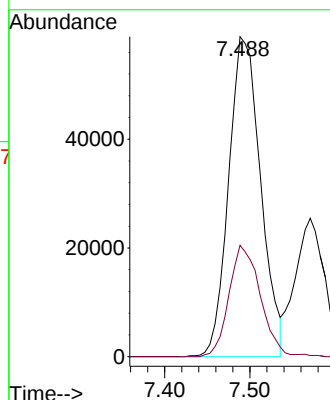
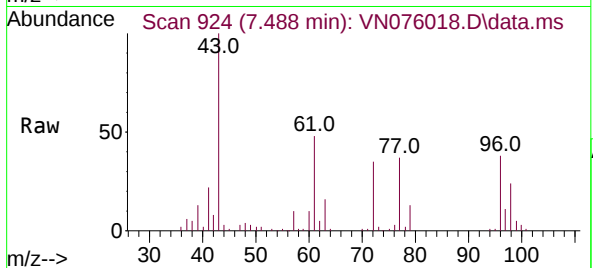
VN1228WBS02

Tgt Ion: 43 Resp: 153530

Ion Ratio Lower Upper

43 100

72 34.8 28.0 42.0



#26

2,2-Dichloropropane

Concen: 17.404 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN076018.D

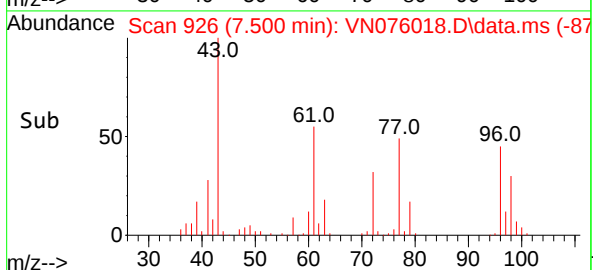
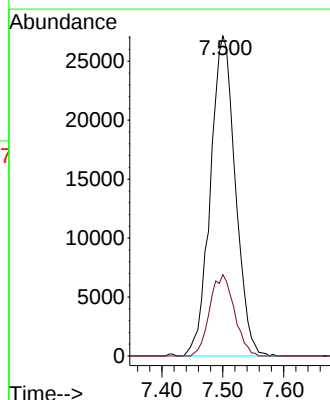
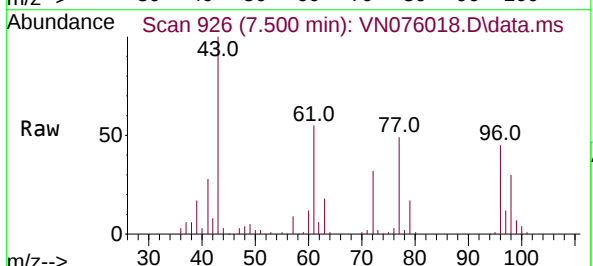
Acq: 28 Dec 2022 23:19

Tgt Ion: 77 Resp: 77309

Ion Ratio Lower Upper

77 100

97 25.0 12.7 38.0

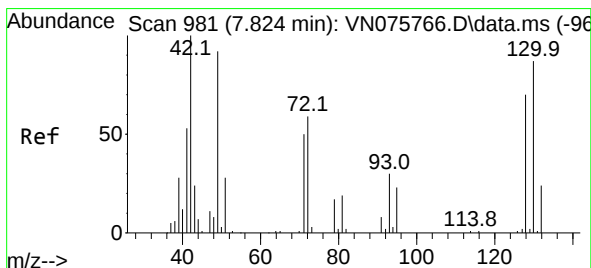
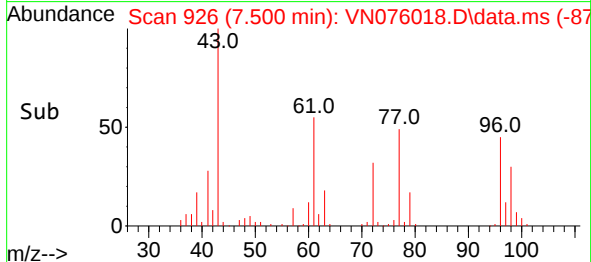
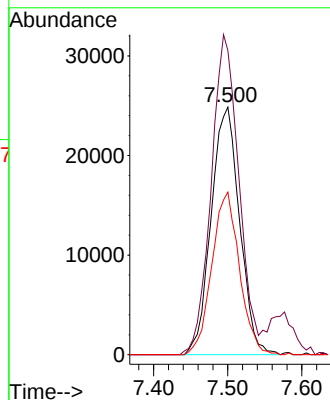
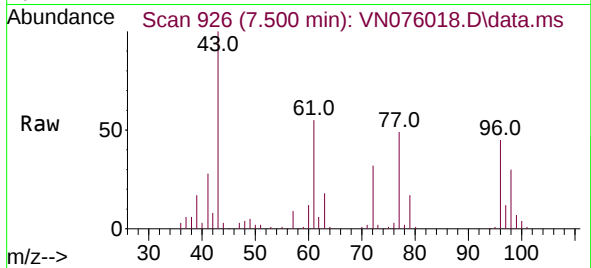




#27
 cis-1,2-Dichloroethene
 Concen: 18.296 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN076018.D
 Acq: 28 Dec 2022 23:19

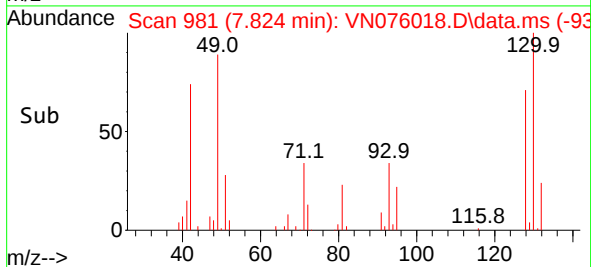
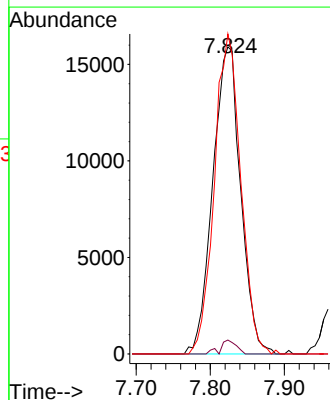
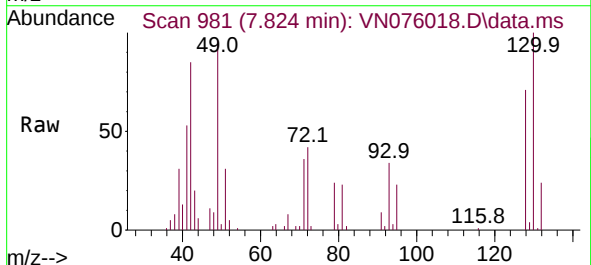
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS02

Tgt Ion: 96 Resp: 66368
 Ion Ratio Lower Upper
 96 100
 61 127.7 0.0 247.8
 98 63.7 0.0 128.4



#28
 Bromochloromethane
 Concen: 18.083 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076018.D
 Acq: 28 Dec 2022 23:19

Tgt Ion: 49 Resp: 41574
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.0
 130 98.7 77.0 115.4

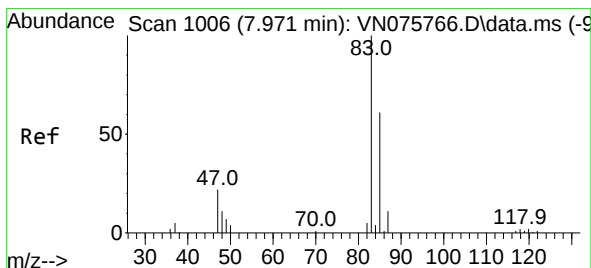
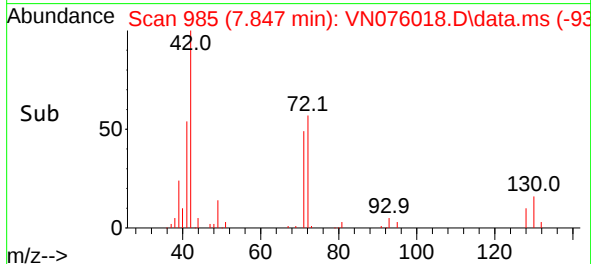
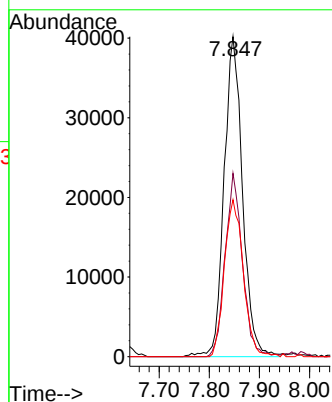
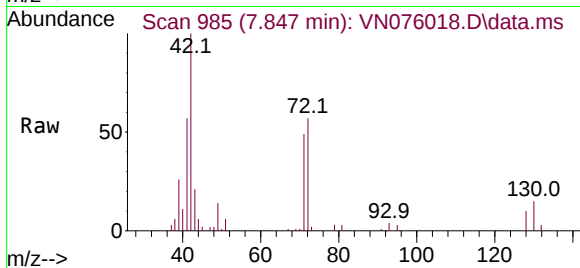




#29
Tetrahydrofuran
Concen: 99.903 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

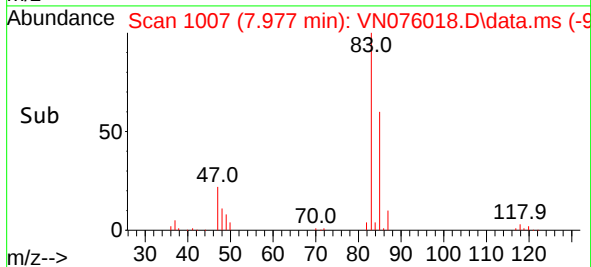
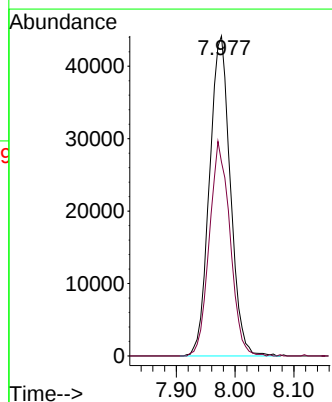
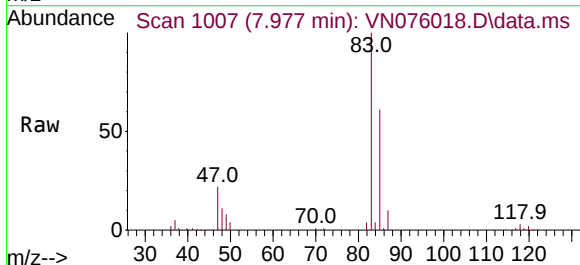
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

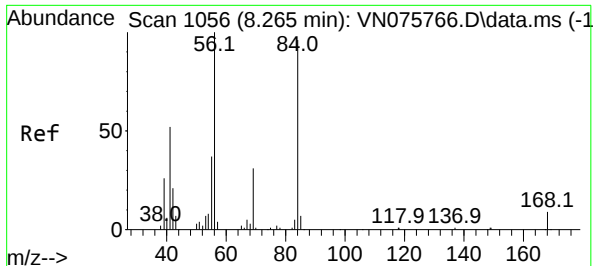
Tgt Ion: 42 Resp: 102730
Ion Ratio Lower Upper
42 100
72 53.9 44.5 66.7
71 50.3 41.0 61.6



#30
Chloroform
Concen: 18.432 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 83 Resp: 108856
Ion Ratio Lower Upper
83 100
85 60.6 49.1 73.7

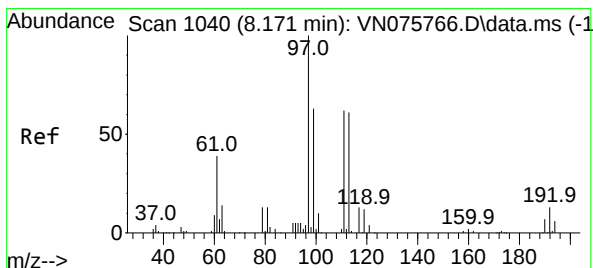
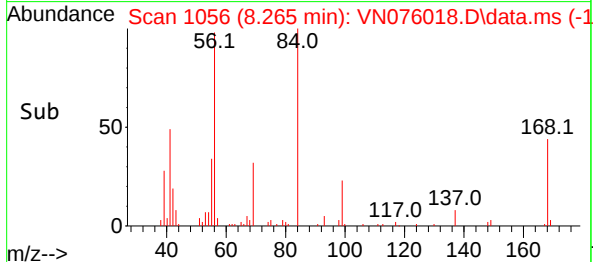
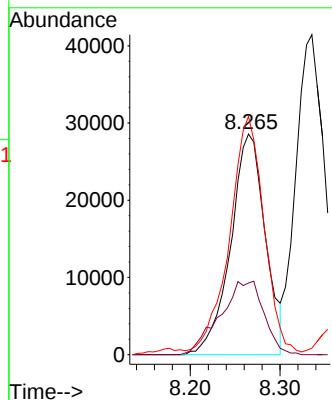
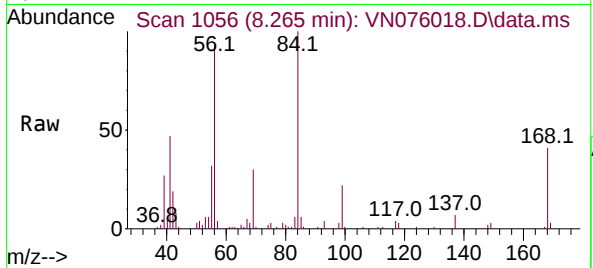




#31
Cyclohexane
Concen: 15.730 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

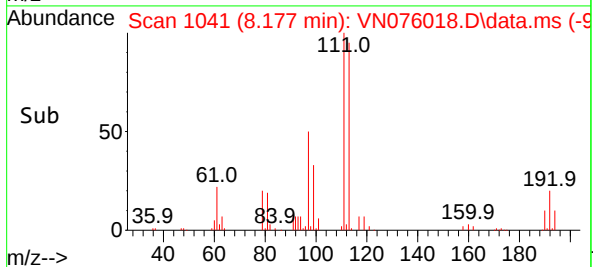
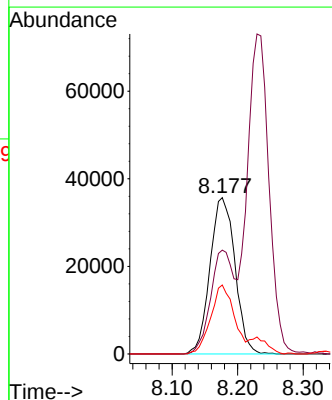
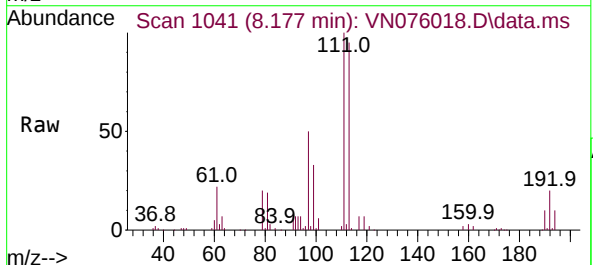
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

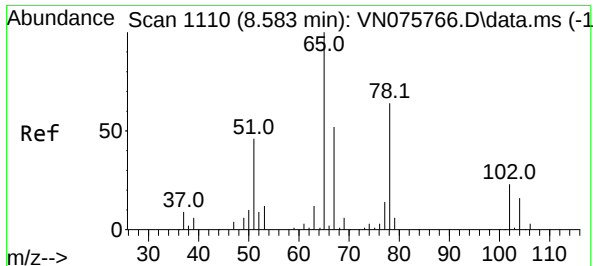
Tgt Ion: 56 Resp: 76587
Ion Ratio Lower Upper
56 100
69 32.5 24.7 37.1
84 105.7 76.5 114.7



#32
1,1,1-Trichloroethane
Concen: 18.007 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 97 Resp: 94281
Ion Ratio Lower Upper
97 100
99 64.8 50.2 75.2
61 42.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.258 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

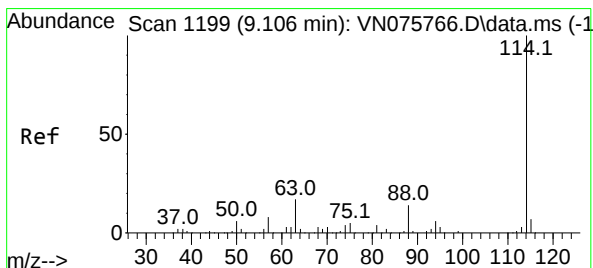
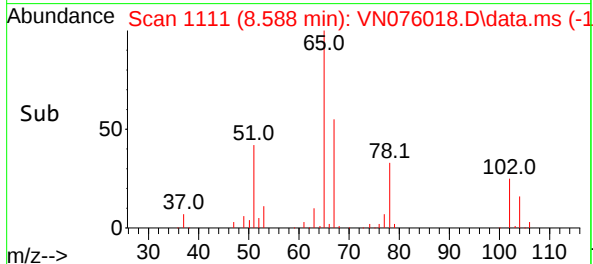
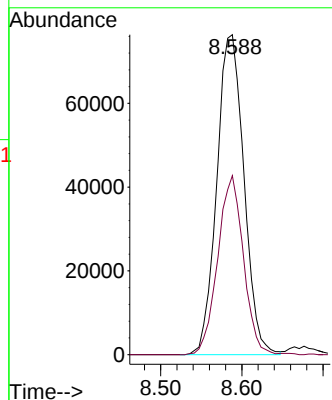
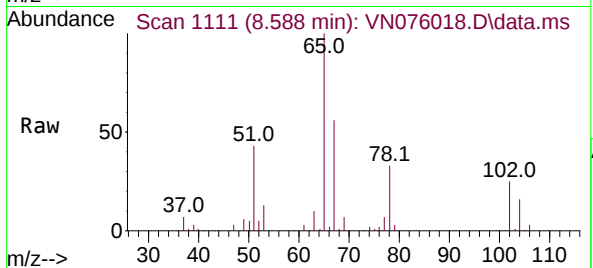
VN1228WBS02

Tgt Ion: 65 Resp: 177657

Ion Ratio Lower Upper

65 100

67 52.9 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: VN076018.D

Acq: 28 Dec 2022 23:19

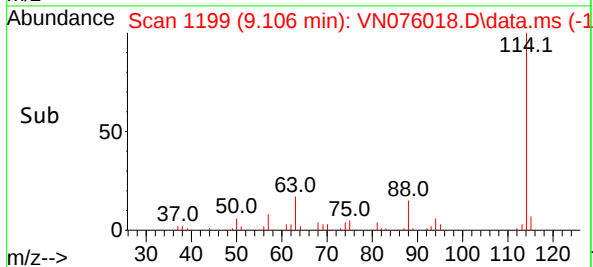
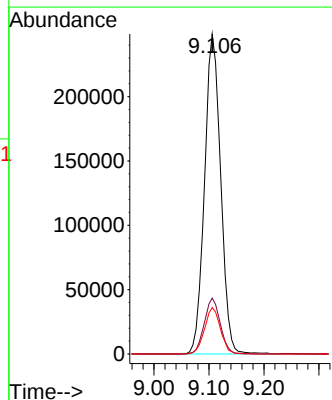
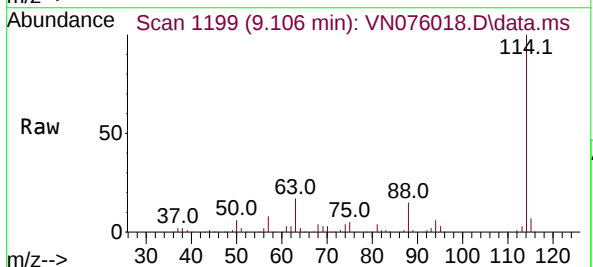
Tgt Ion: 114 Resp: 507670

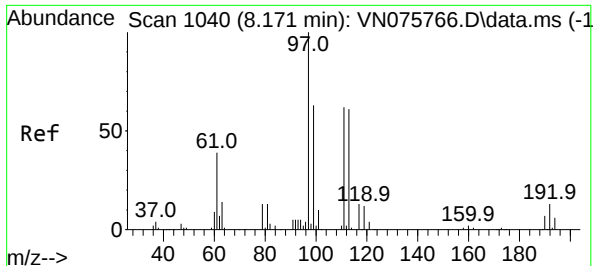
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.856 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS02

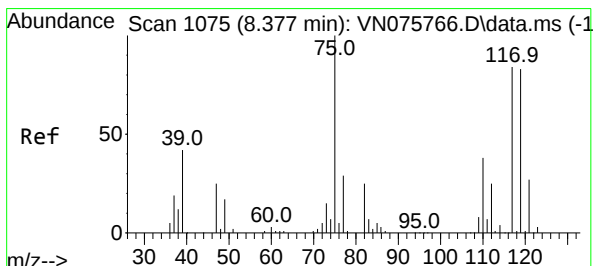
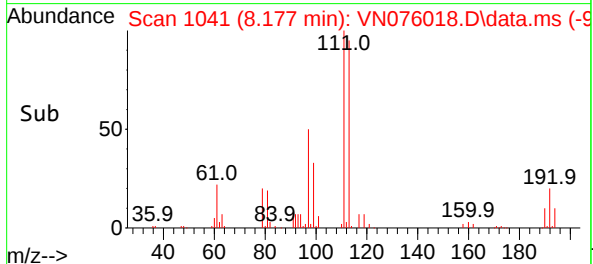
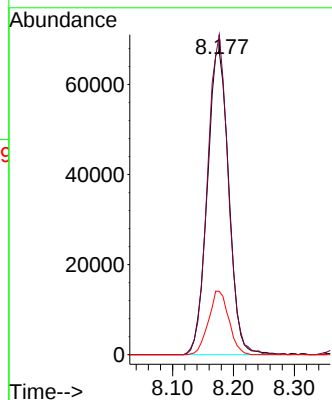
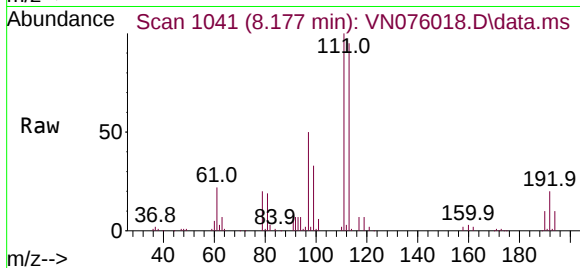
Tgt Ion:113 Resp: 166175

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

192 19.7 16.1 24.1



#36

1,1-Dichloropropene

Concen: 16.824 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

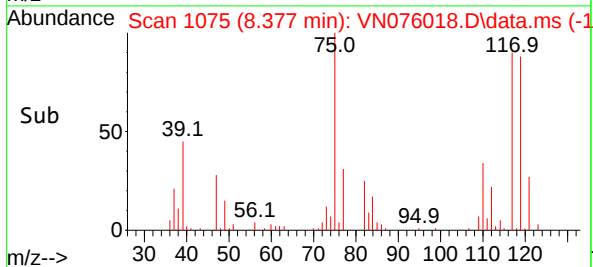
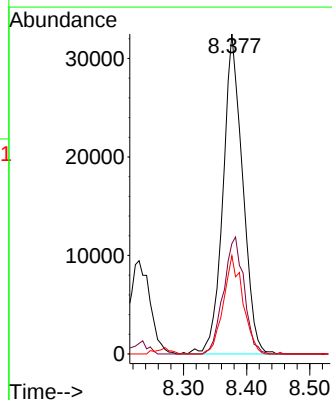
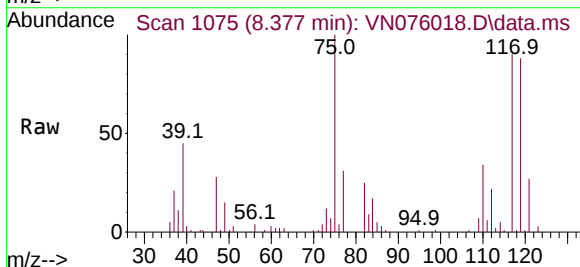
Tgt Ion: 75 Resp: 70265

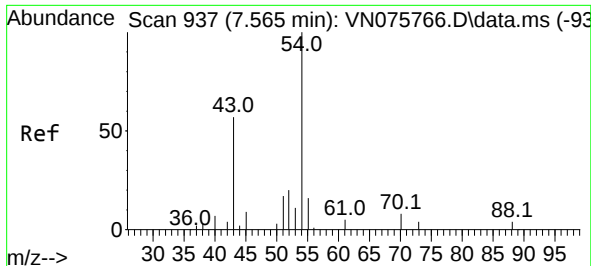
Ion Ratio Lower Upper

75 100

110 38.2 18.8 56.4

77 30.5 24.1 36.1

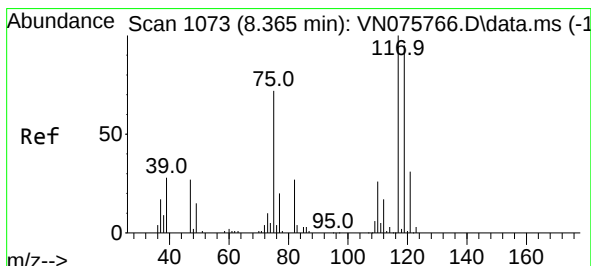
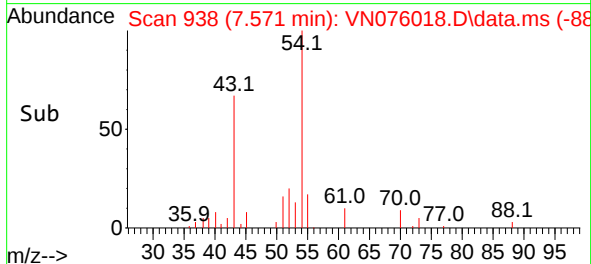
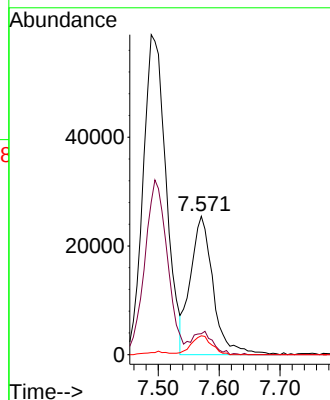
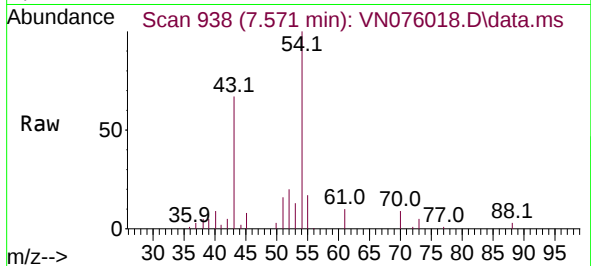




#37
Ethyl Acetate
Concen: 19.743 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

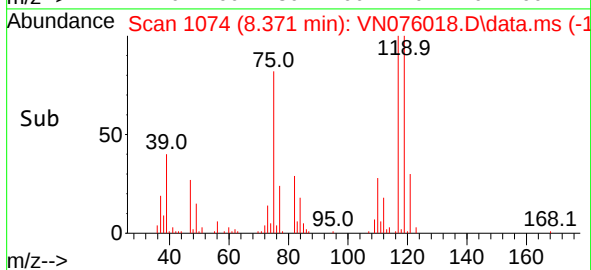
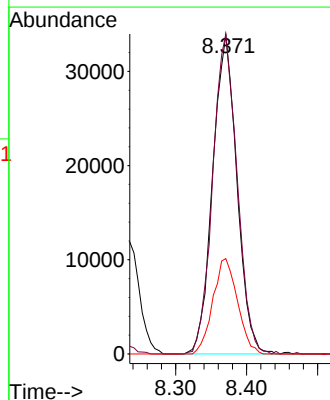
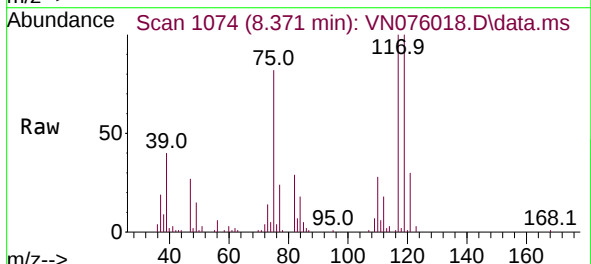
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

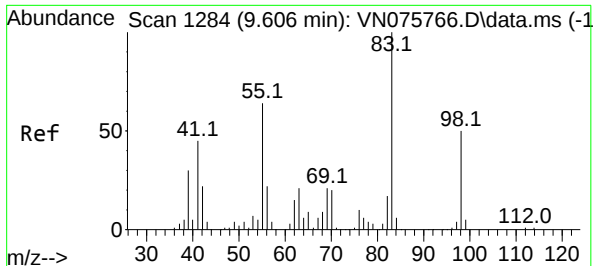
Tgt Ion: 43	Resp: 66231
Ion Ratio	Lower Upper
43	100
61	13.5 13.0 19.4
70	12.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 17.117 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 117	Resp: 80010
Ion Ratio	Lower Upper
117	100
119	100.4 76.1 114.1
121	29.9 24.5 36.7

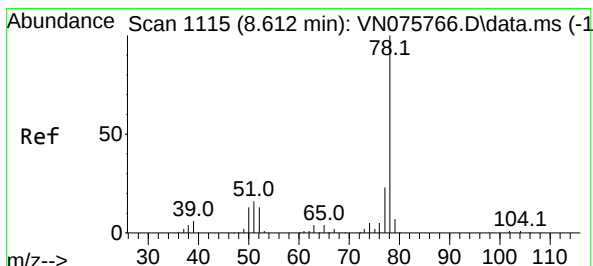
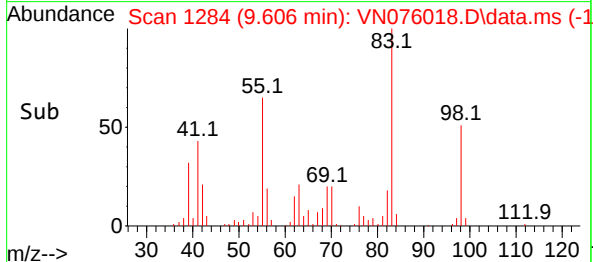
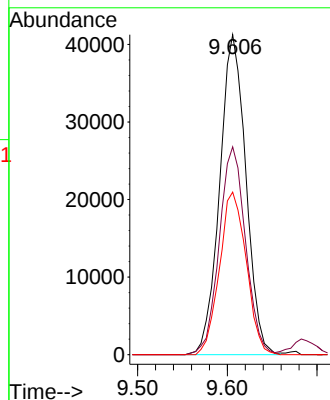
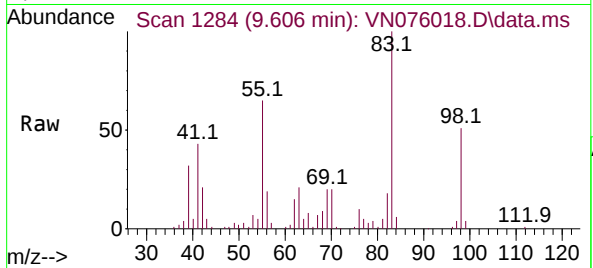




#39
Methylcyclohexane
Concen: 16.583 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

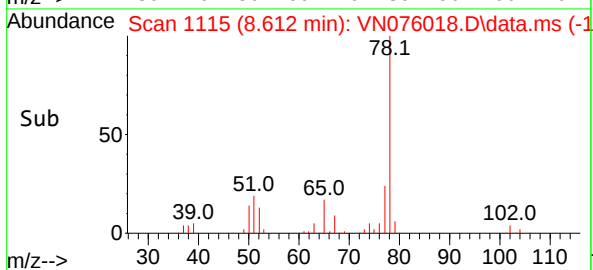
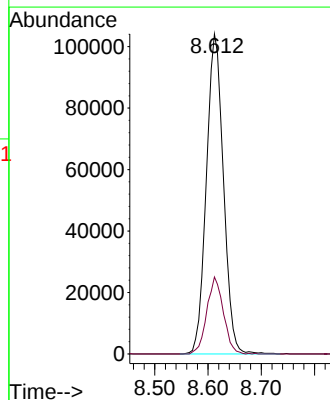
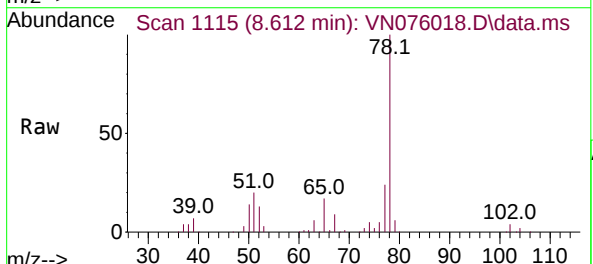
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

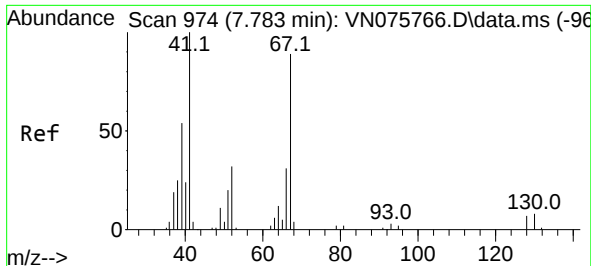
Tgt Ion: 83 Resp: 83553
Ion Ratio Lower Upper
83 100
55 65.0 51.4 77.0
98 50.8 39.8 59.8



#40
Benzene
Concen: 17.953 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 78 Resp: 231341
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7

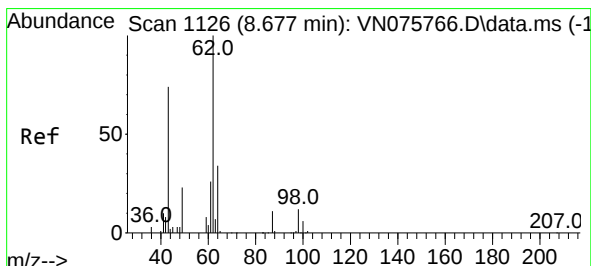
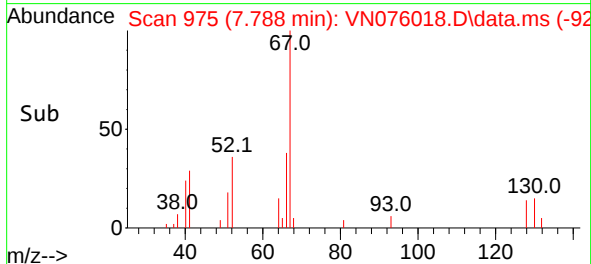
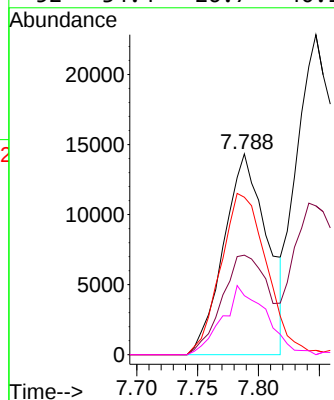
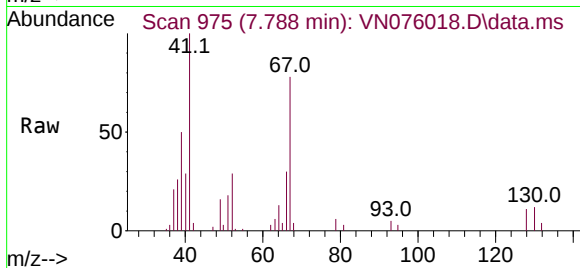




#41
Methacrylonitrile
Concen: 20.333 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

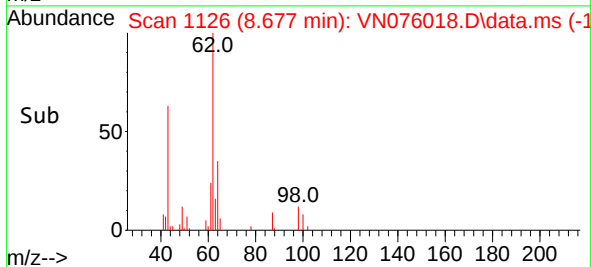
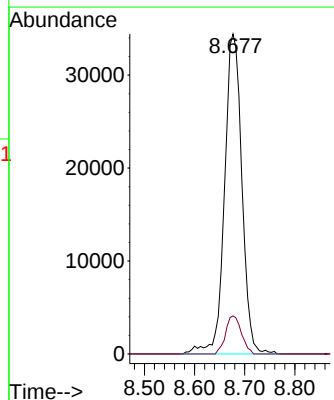
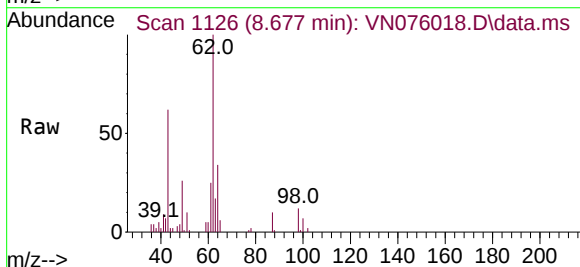
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

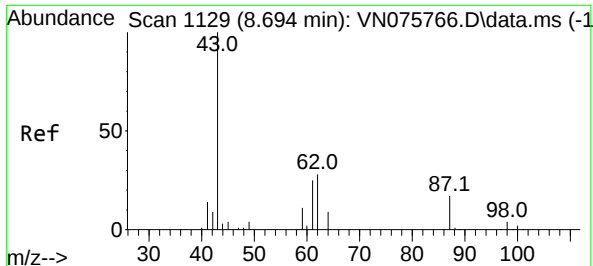
Tgt Ion:	41	Resp:	35456
Ion	Ratio	Lower	Upper
41	100		
39	51.0	43.1	64.7
67	85.5	70.7	106.1
52	34.4	26.7	40.1



#42
1,2-Dichloroethane
Concen: 19.355 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion:	62	Resp:	82915
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8

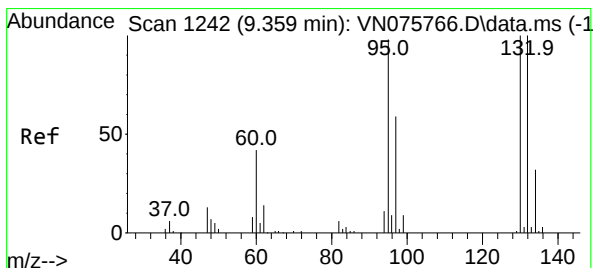
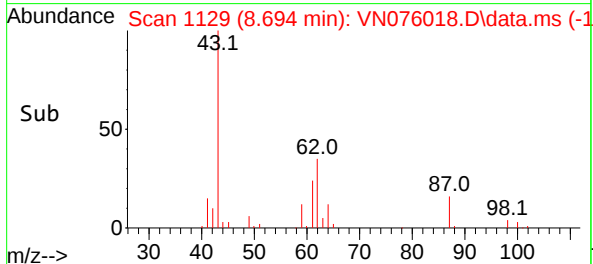
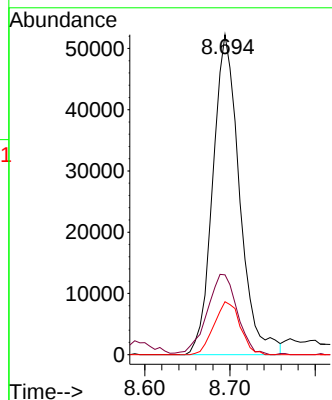
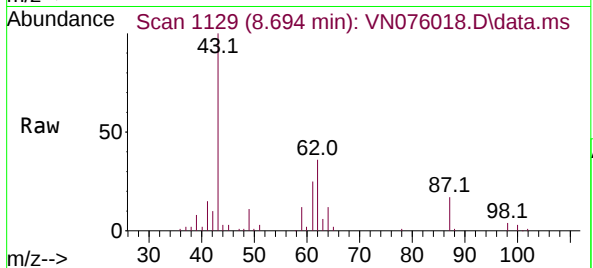




#43
Isopropyl Acetate
Concen: 20.612 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

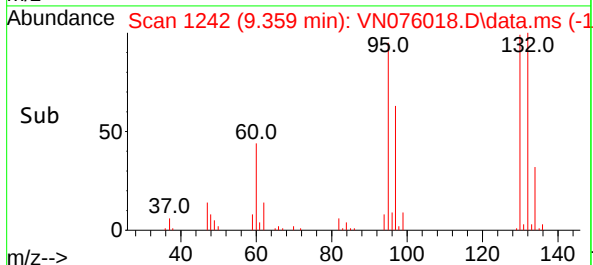
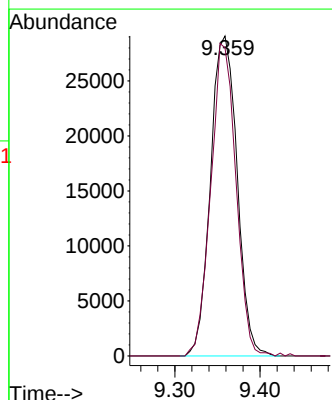
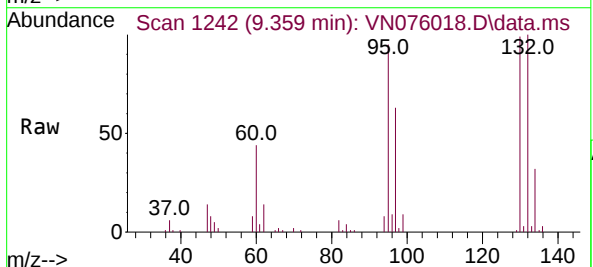
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

Tgt Ion: 43 Resp: 114063
Ion Ratio Lower Upper
43 100
61 28.3 24.2 36.4
87 16.2 13.3 19.9



#44
Trichloroethene
Concen: 17.378 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion:130 Resp: 63085
Ion Ratio Lower Upper
130 100
95 96.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.226 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

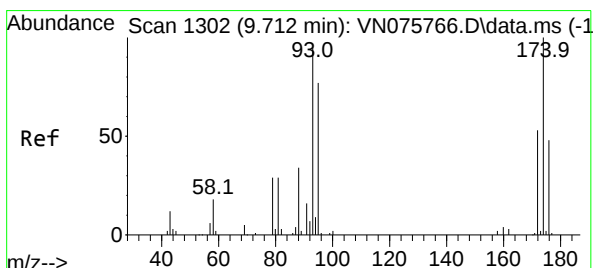
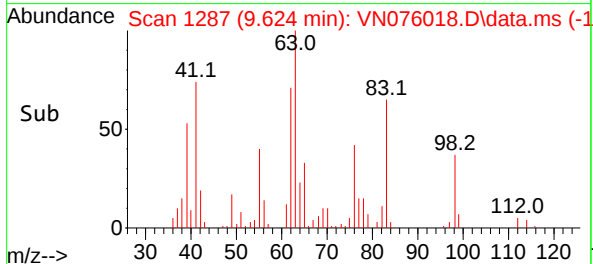
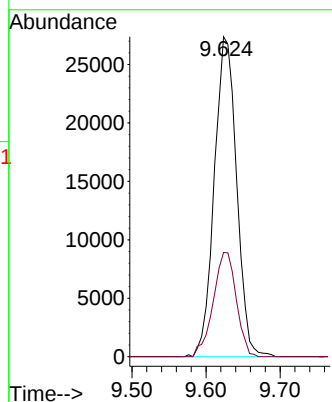
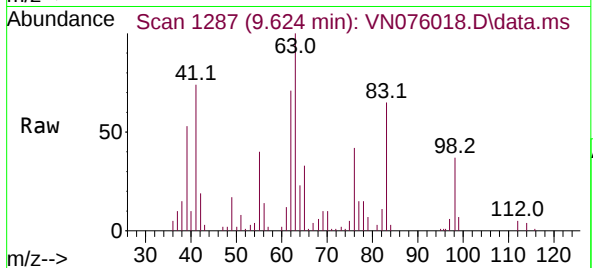
VN1228WBS02

Tgt Ion: 63 Resp: 57149

Ion Ratio Lower Upper

63 100

65 32.5 25.7 38.5



#46

Dibromomethane

Concen: 18.733 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

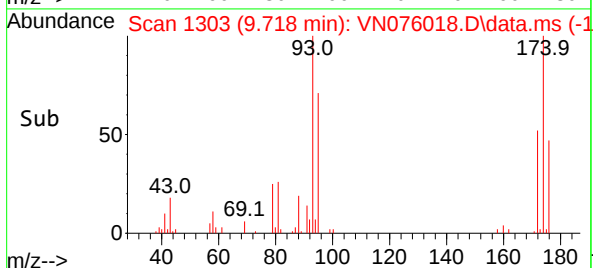
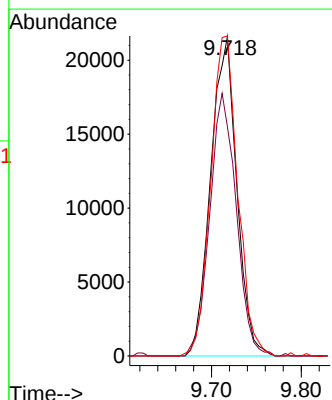
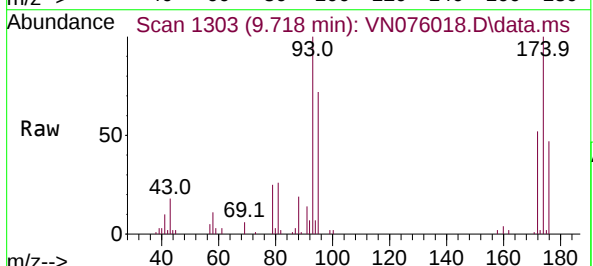
Tgt Ion: 93 Resp: 43568

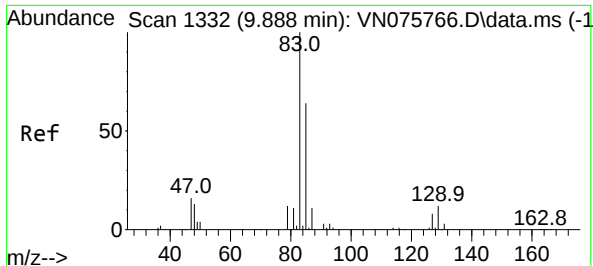
Ion Ratio Lower Upper

93 100

95 83.1 65.2 97.8

174 103.6 82.4 123.6





#47

Bromodichloromethane

Concen: 19.216 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS02

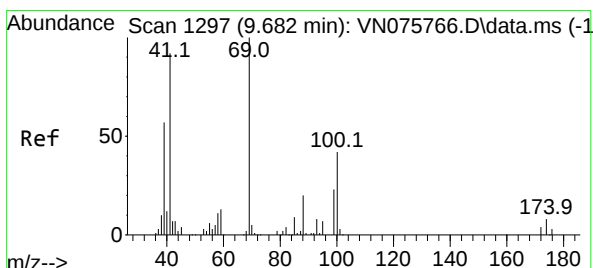
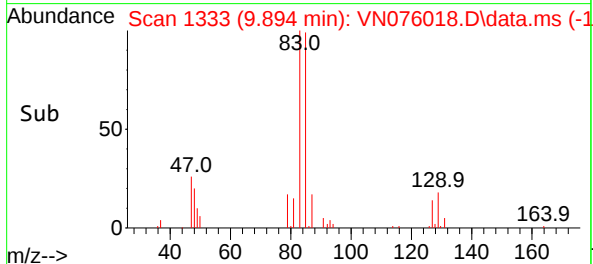
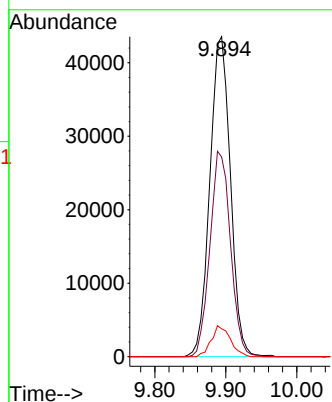
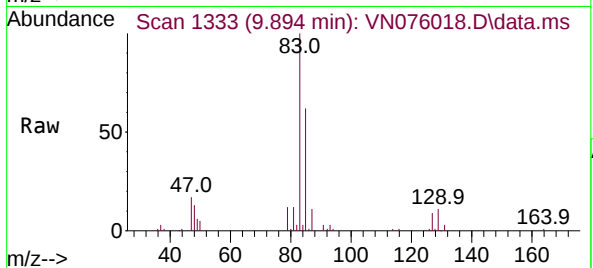
Tgt Ion: 83 Resp: 87641

Ion Ratio Lower Upper

83 100

85 62.4 51.5 77.3

127 8.7 6.6 10.0



#48

Methyl methacrylate

Concen: 19.822 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

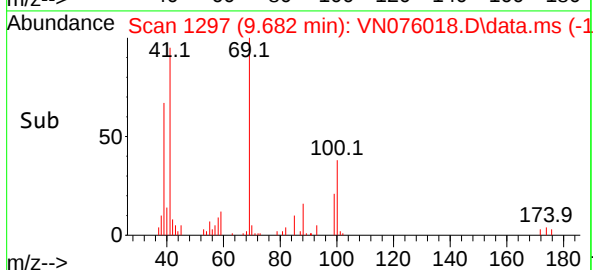
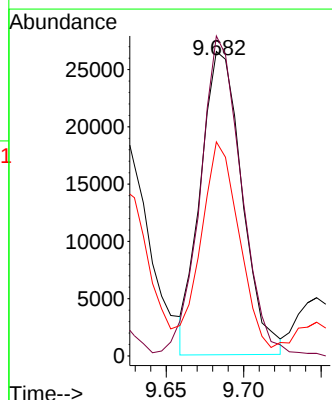
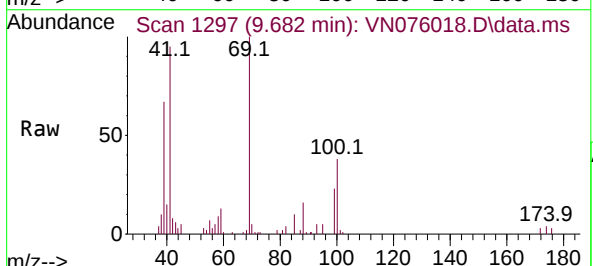
Tgt Ion: 41 Resp: 49403

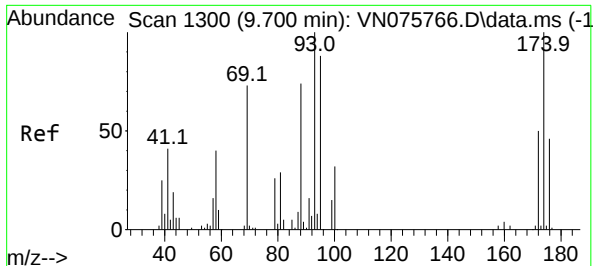
Ion Ratio Lower Upper

41 100

69 105.2 81.9 122.9

39 66.9 51.6 77.4





#49

1,4-Dioxane

Concen: 344.359 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS02

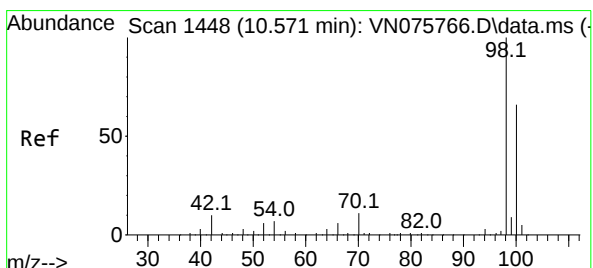
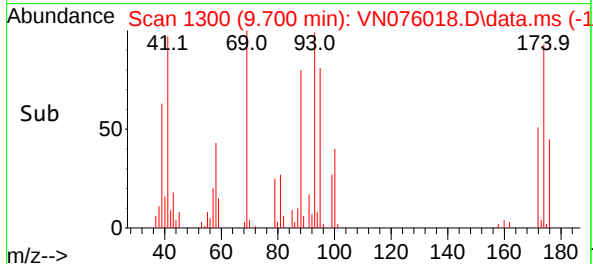
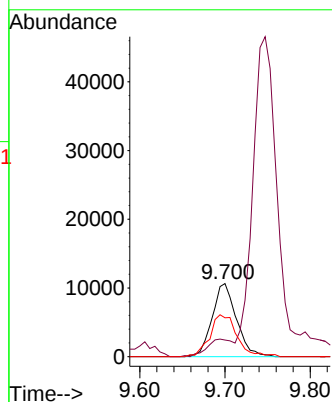
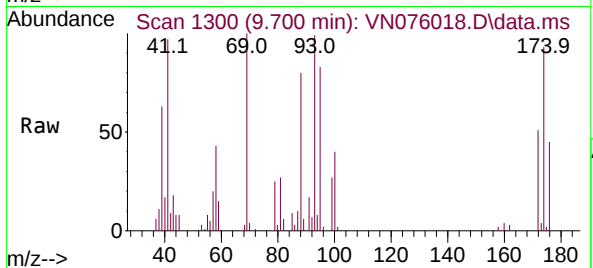
Tgt Ion: 88 Resp: 21100

Ion Ratio Lower Upper

88 100

43 22.8 17.1 25.7

58 64.2 47.8 71.8



#50

Toluene-d8

Concen: 49.779 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076018.D

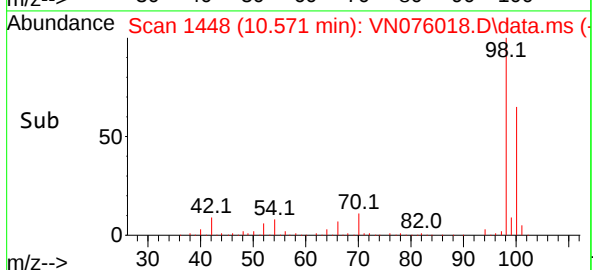
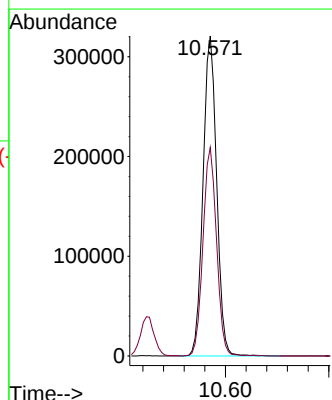
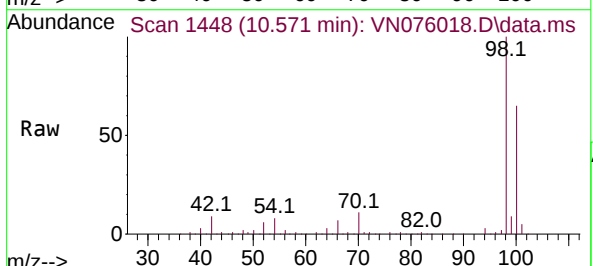
Acq: 28 Dec 2022 23:19

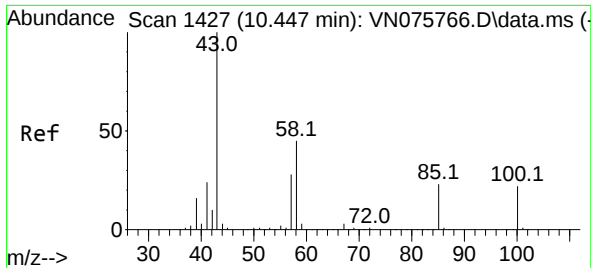
Tgt Ion: 98 Resp: 585139

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

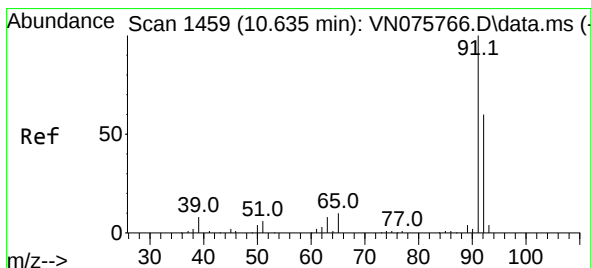
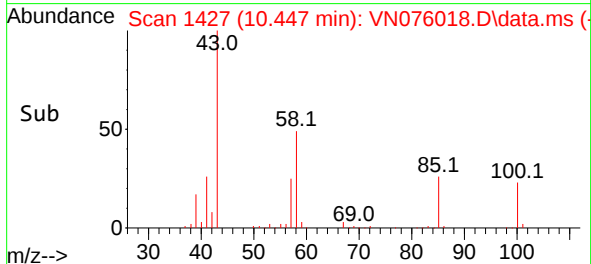
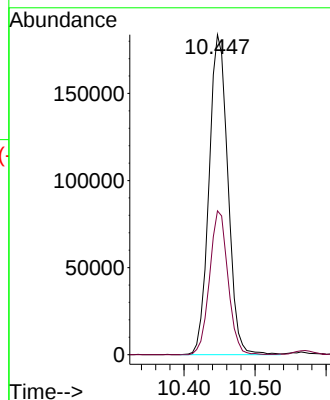
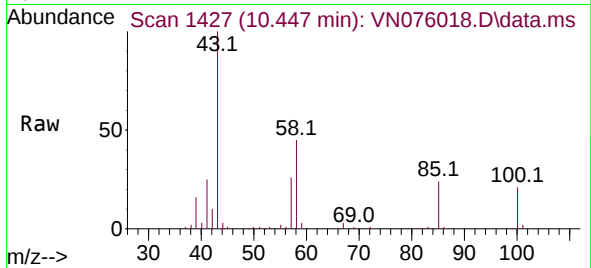




#51
4-Methyl-2-Pentanone
Concen: 101.295 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

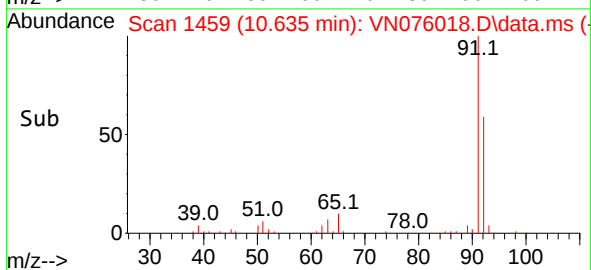
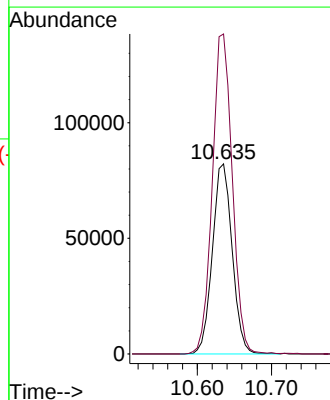
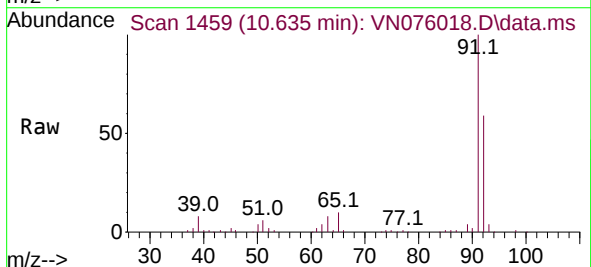
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

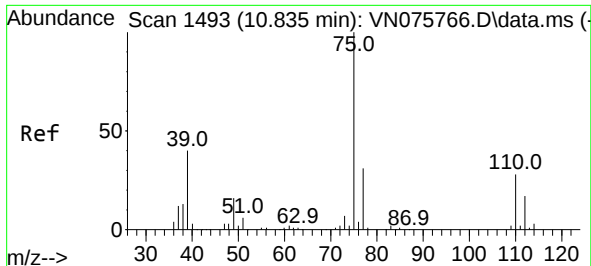
Tgt Ion: 43 Resp: 338994
Ion Ratio Lower Upper
43 100
58 43.8 35.5 53.3



#52
Toluene
Concen: 18.125 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 92 Resp: 152108
Ion Ratio Lower Upper
92 100
91 170.3 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 18.811 ug/l

RT: 10.841 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

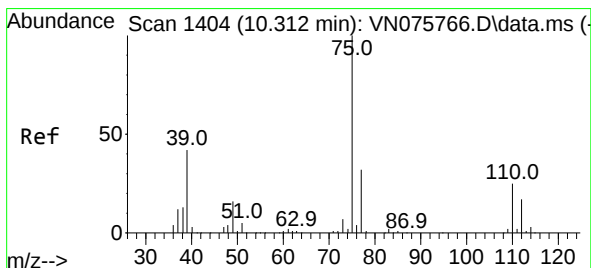
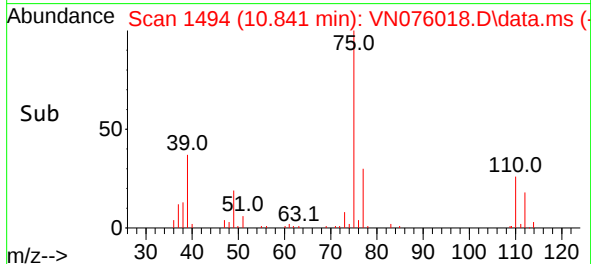
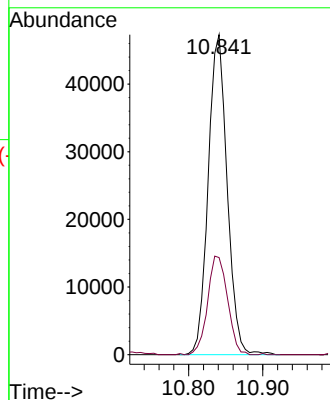
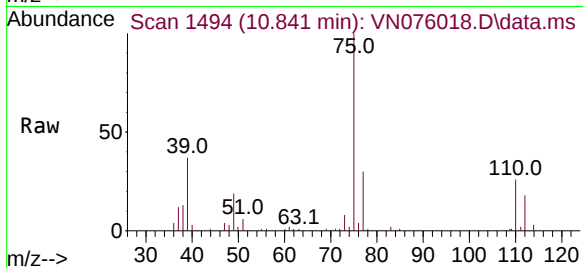
VN1228WBS02

Tgt Ion: 75 Resp: 83983

Ion Ratio Lower Upper

75 100

77 30.4 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.038 ug/l

RT: 10.318 min Scan# 1405

Delta R.T. 0.006 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

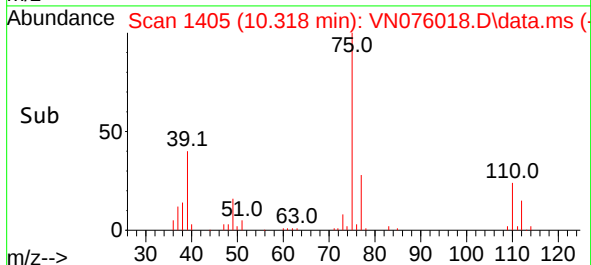
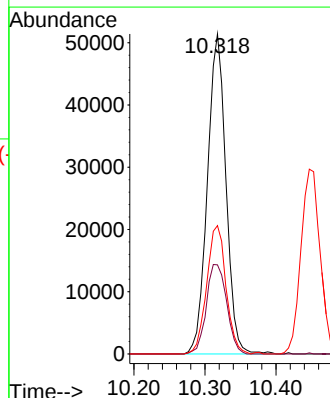
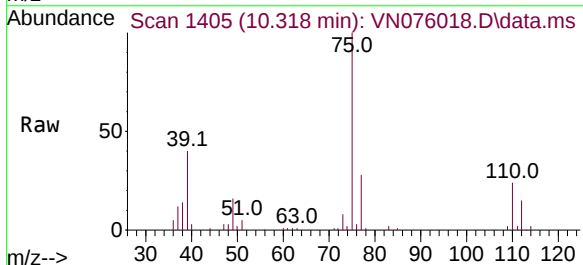
Tgt Ion: 75 Resp: 93321

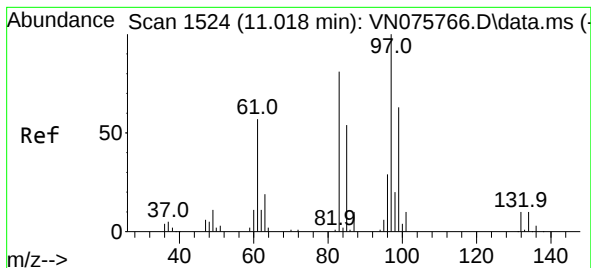
Ion Ratio Lower Upper

75 100

77 27.8 25.8 38.8

39 40.1 33.4 50.2





#55

1,1,2-Trichloroethane

Concen: 19.133 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS02

Tgt Ion: 97 Resp: 63023

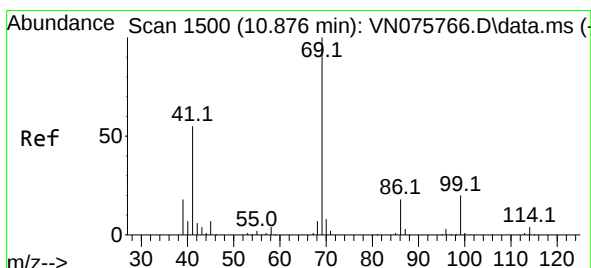
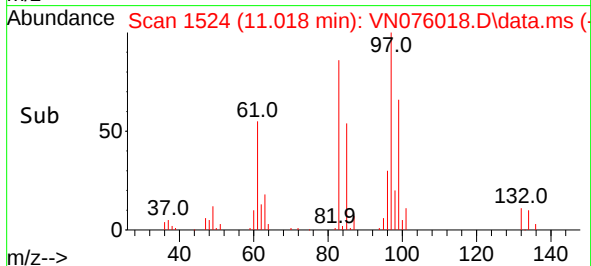
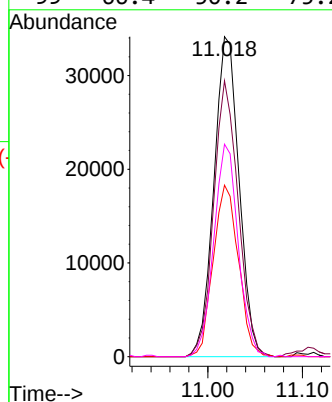
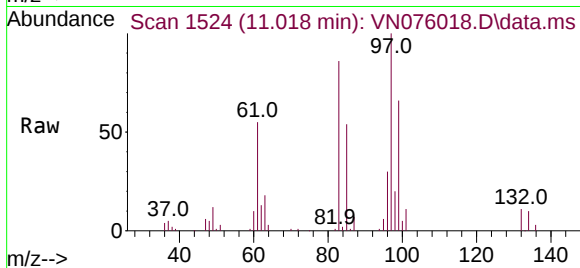
Ion Ratio Lower Upper

97 100

83 86.2 65.0 97.4

85 53.6 43.0 64.6

99 66.4 50.2 75.2



#56

Ethyl methacrylate

Concen: 20.627 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. -0.000 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

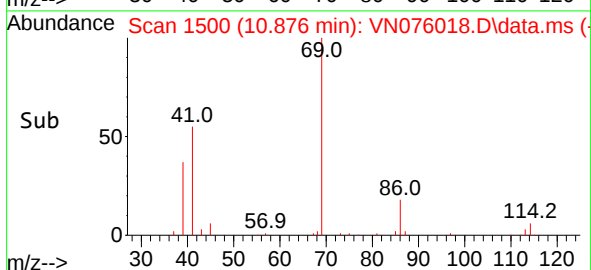
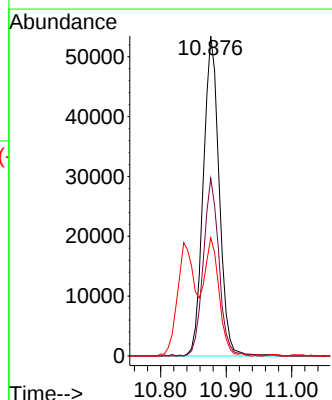
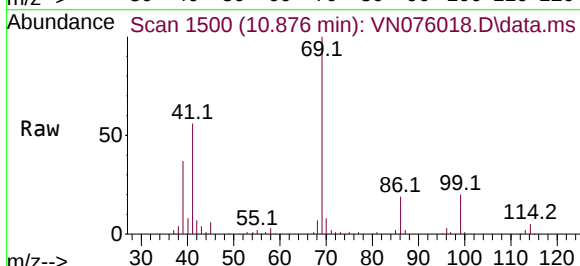
Tgt Ion: 69 Resp: 90246

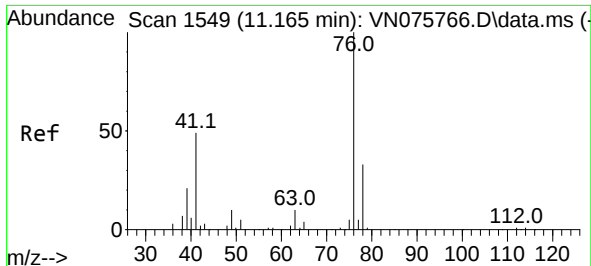
Ion Ratio Lower Upper

69 100

41 54.8 44.2 66.4

39 34.3 26.4 39.6





#57

1,3-Dichloropropane

Concen: 19.524 ug/l

RT: 11.171 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

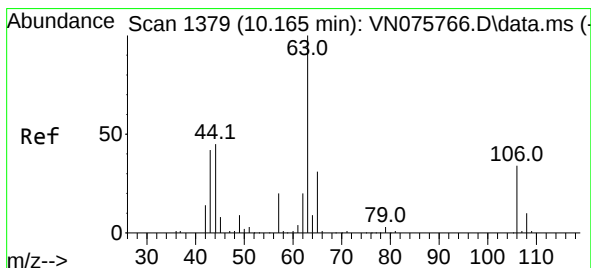
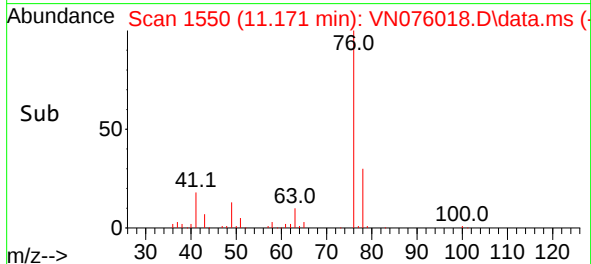
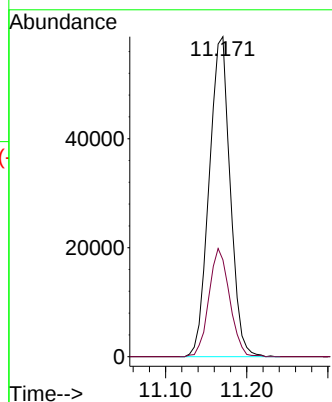
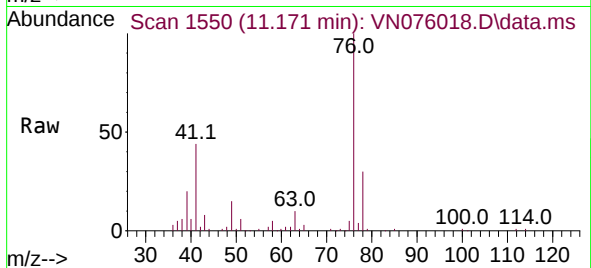
VN1228WBS02

Tgt Ion: 76 Resp: 105487

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 96.621 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076018.D

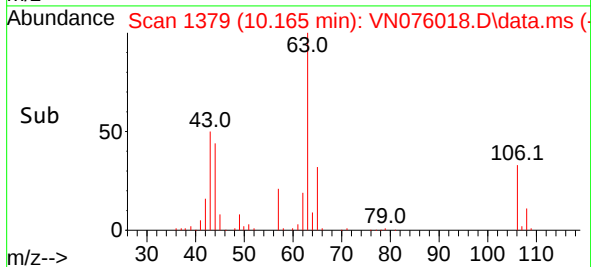
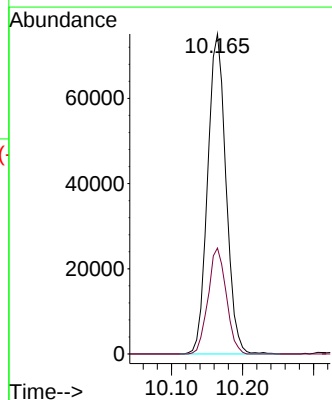
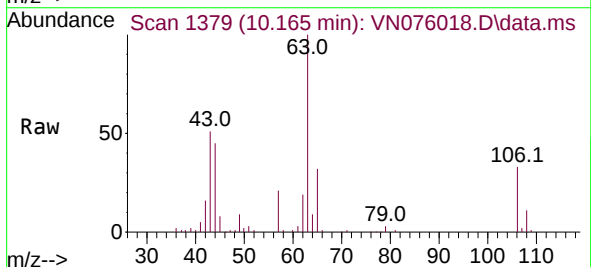
Acq: 28 Dec 2022 23:19

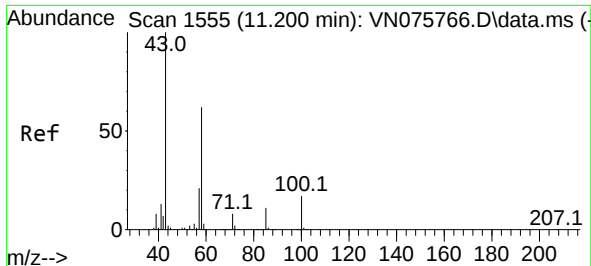
Tgt Ion: 63 Resp: 134593

Ion Ratio Lower Upper

63 100

106 32.8 26.4 39.6

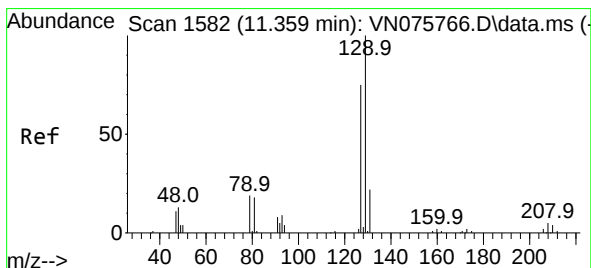
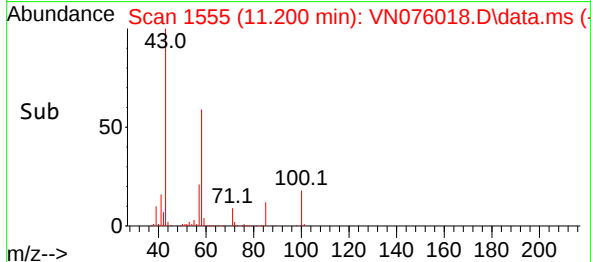
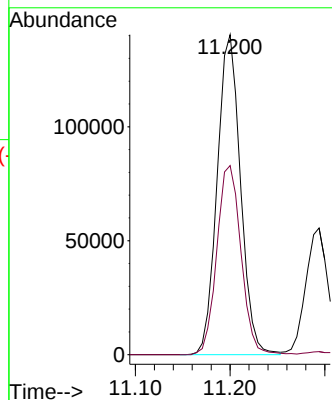
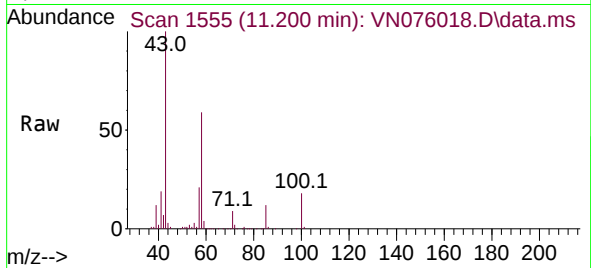




#59
2-Hexanone
Concen: 98.501 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

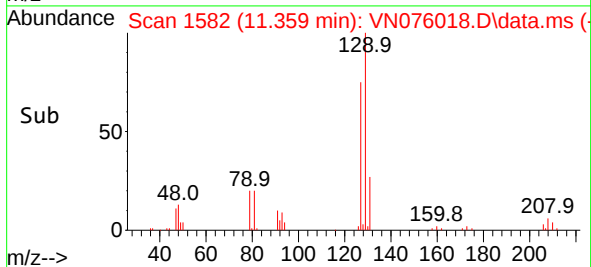
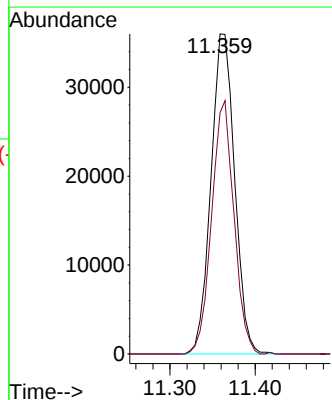
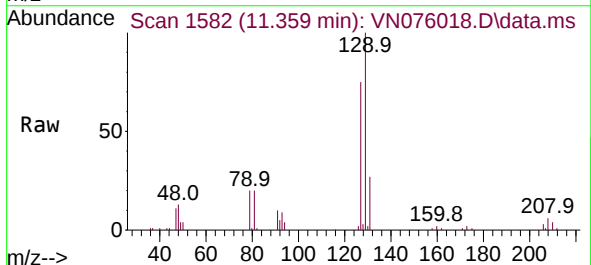
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

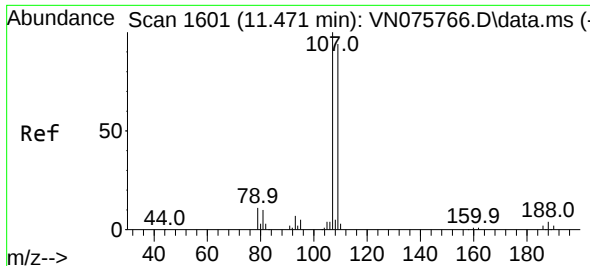
Tgt Ion: 43 Resp: 240398
Ion Ratio Lower Upper
43 100
58 61.3 30.6 92.0



#60
Dibromochloromethane
Concen: 18.999 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 129 Resp: 69598
Ion Ratio Lower Upper
129 100
127 74.4 38.3 114.9

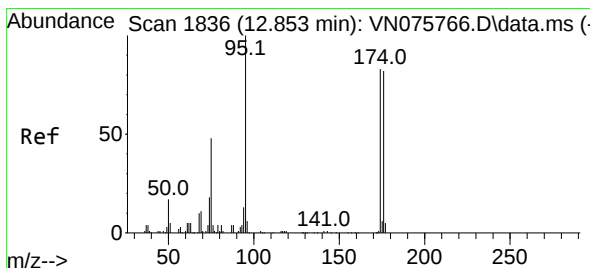
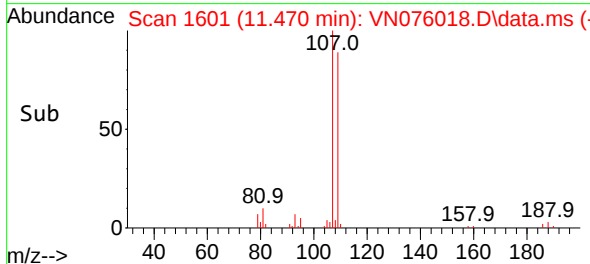
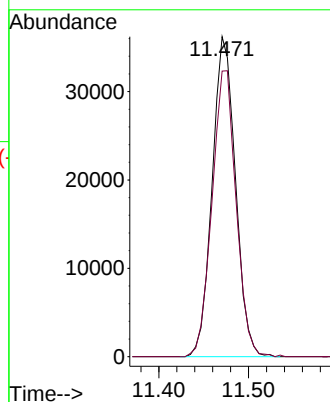
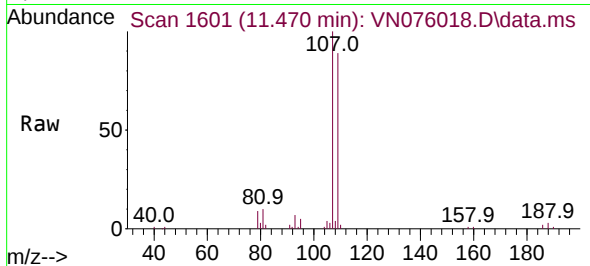




#61
1,2-Dibromoethane
Concen: 19.530 ug/l
RT: 11.470 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

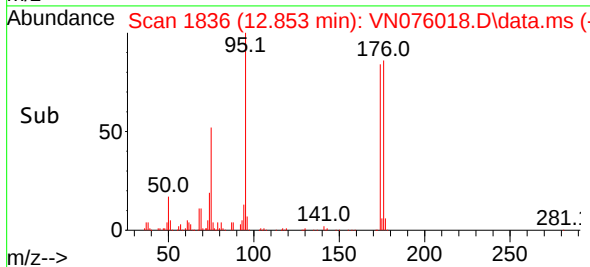
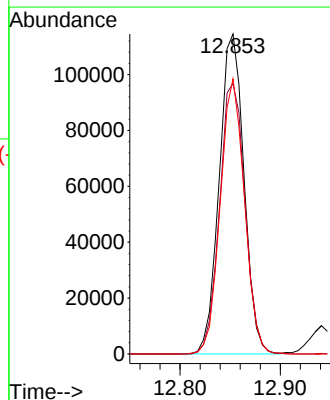
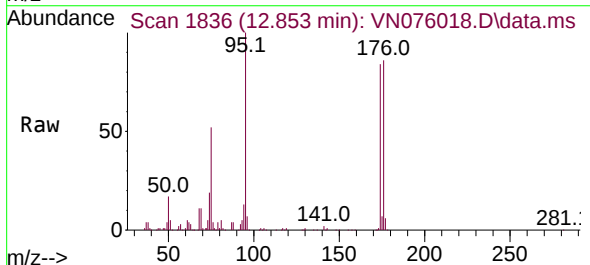
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

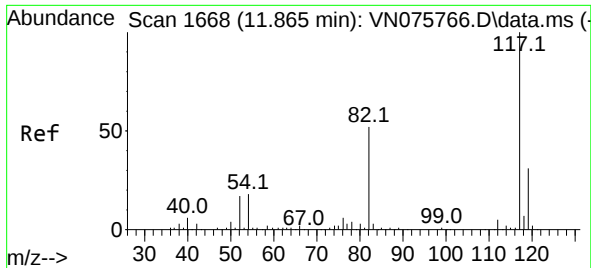
Tgt Ion:107 Resp: 65100
Ion Ratio Lower Upper
107 100
109 92.8 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.348 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 95 Resp: 196020
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 84.0 0.0 169.2

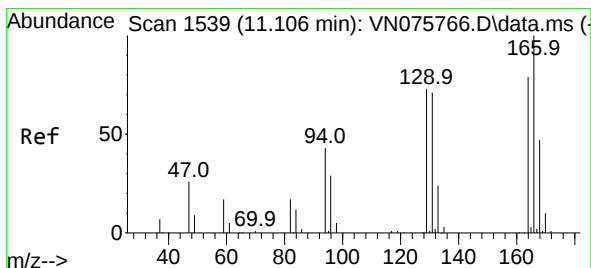
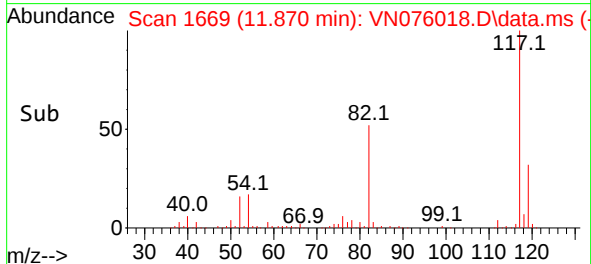
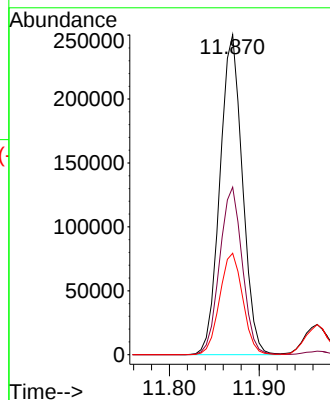
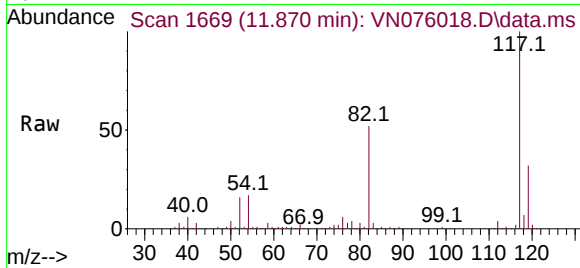




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

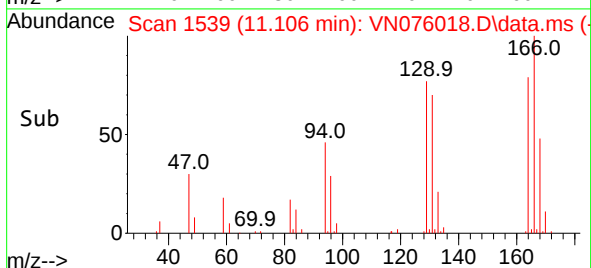
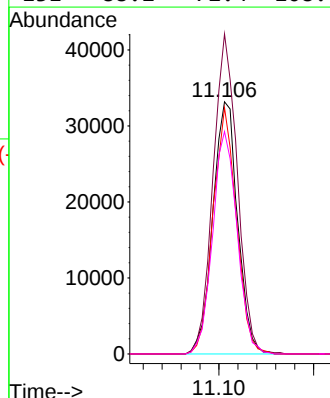
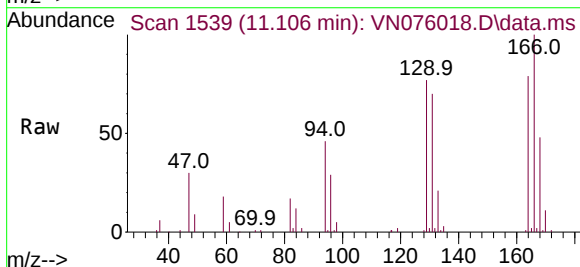
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

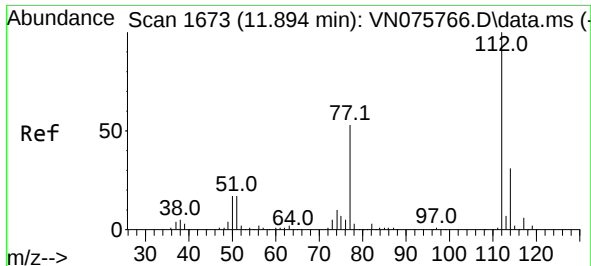
Tgt Ion:117 Resp: 436348
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 31.7 24.6 37.0



#64
Tetrachloroethene
Concen: 19.623 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion:164 Resp: 60252
Ion Ratio Lower Upper
164 100
166 126.9 101.9 152.9
129 97.6 74.2 111.2
131 88.2 72.4 108.6

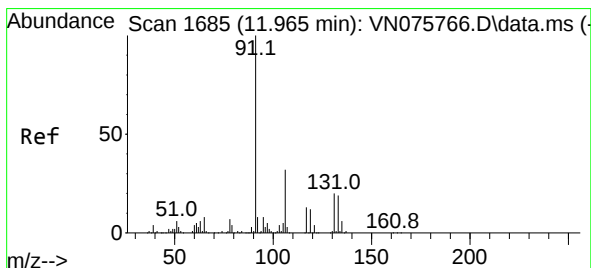
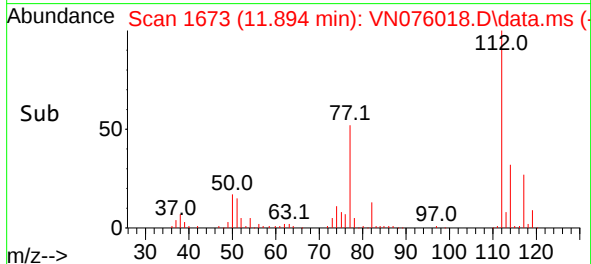
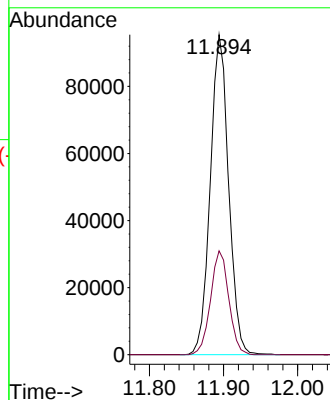
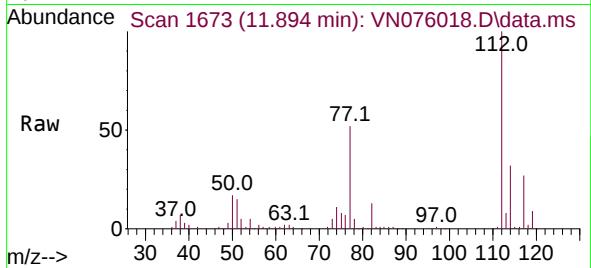




#65
Chlorobenzene
Concen: 18.298 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

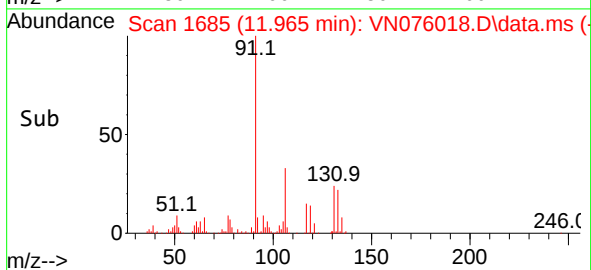
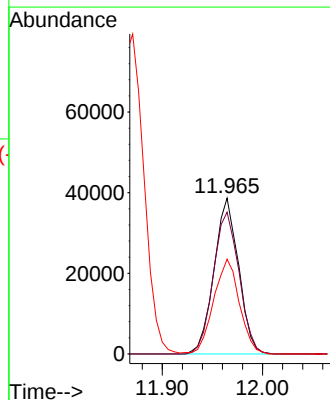
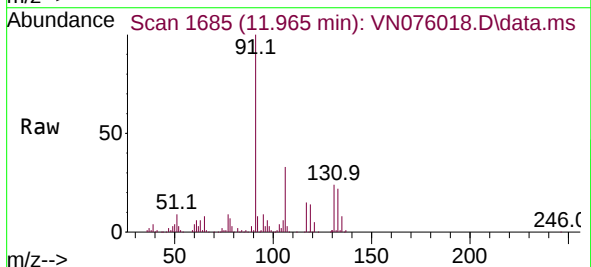
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

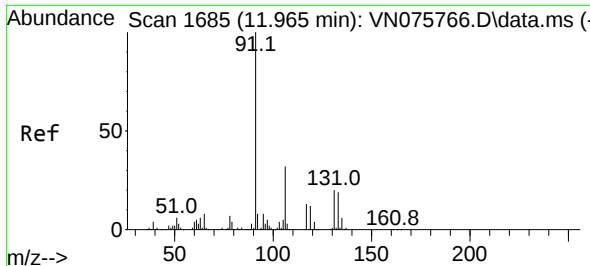
Tgt Ion:112 Resp: 163879
Ion Ratio Lower Upper
112 100
114 32.5 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.825 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion:131 Resp: 65763
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 63.7 31.9 95.7

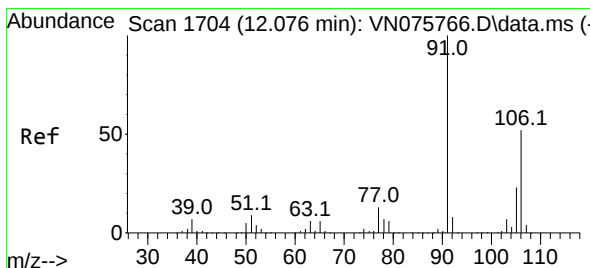
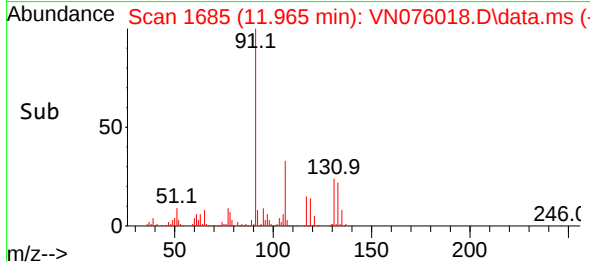
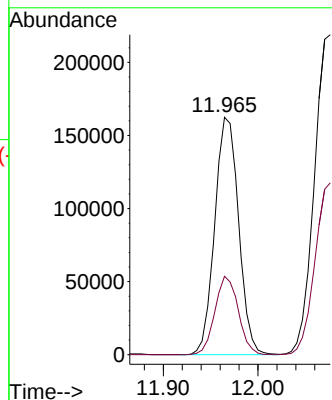
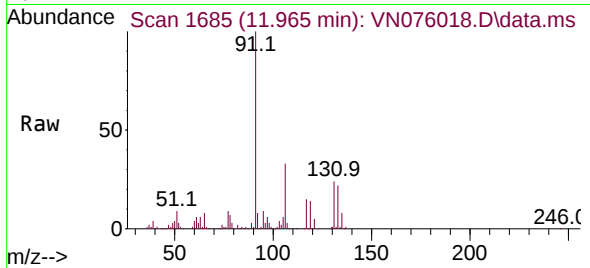




#67
Ethyl Benzene
Concen: 18.841 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

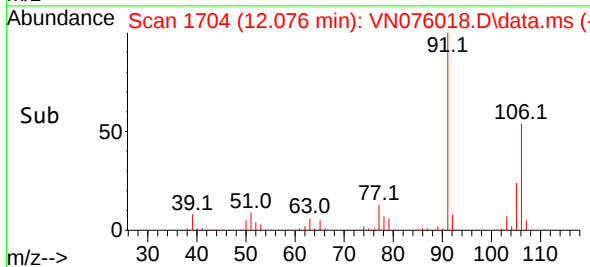
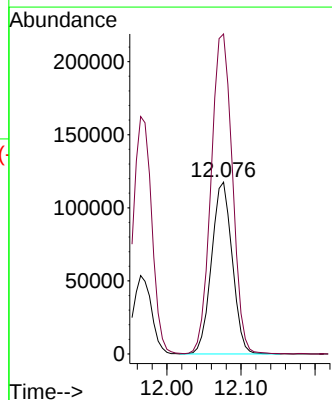
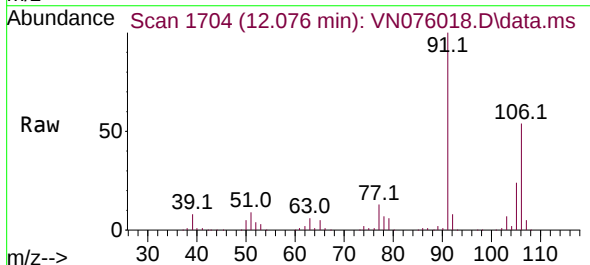
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

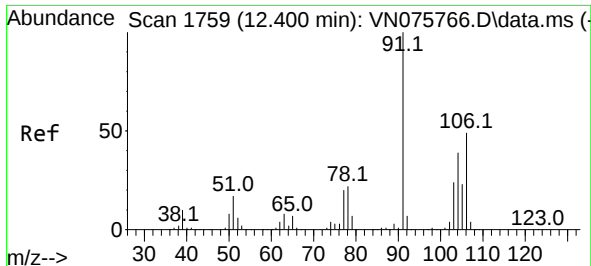
Tgt Ion: 91 Resp: 284788
Ion Ratio Lower Upper
91 100
106 33.0 25.7 38.5



#68
m/p-Xylenes
Concen: 37.986 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion:106 Resp: 227254
Ion Ratio Lower Upper
106 100
91 192.8 156.6 235.0

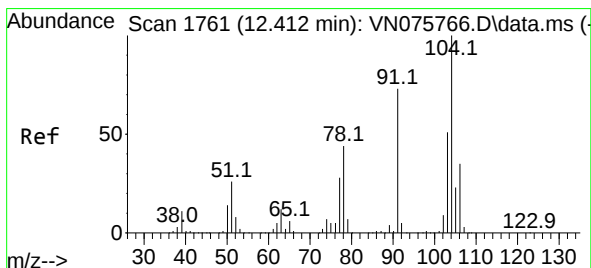
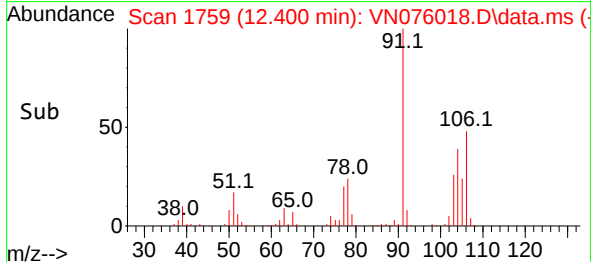
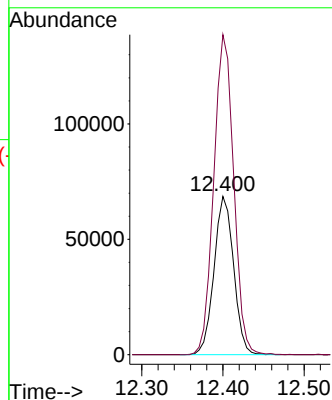
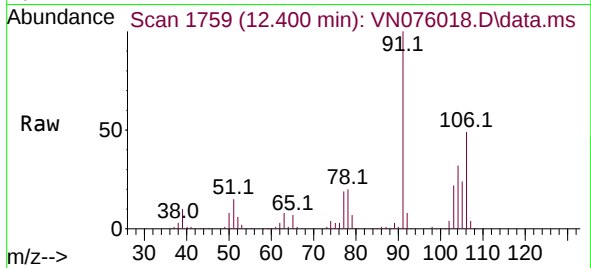




#69
o-Xylene
Concen: 19.460 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

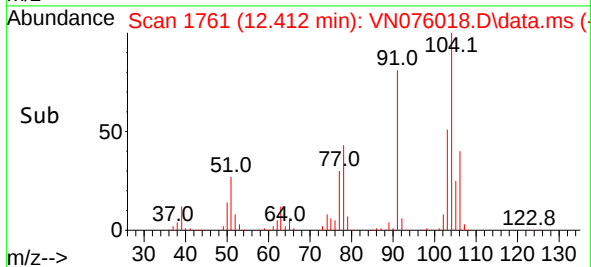
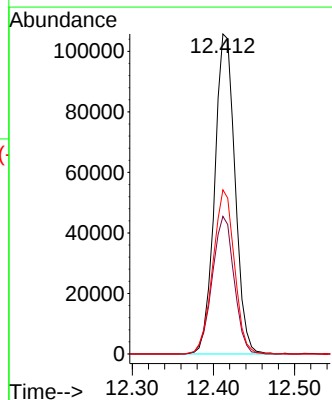
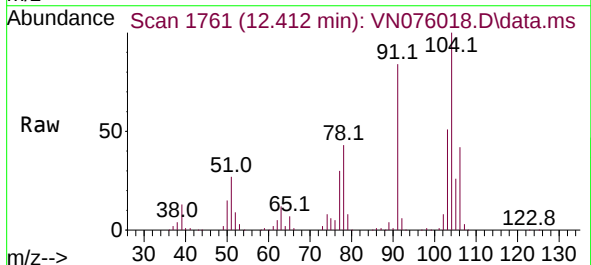
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

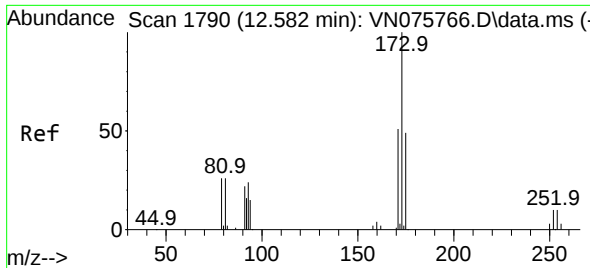
Tgt Ion:106 Resp: 115210
Ion Ratio Lower Upper
106 100
91 205.4 103.8 311.6



#70
Styrene
Concen: 19.587 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion:104 Resp: 184384
Ion Ratio Lower Upper
104 100
78 46.0 37.5 56.3
103 54.3 43.5 65.3

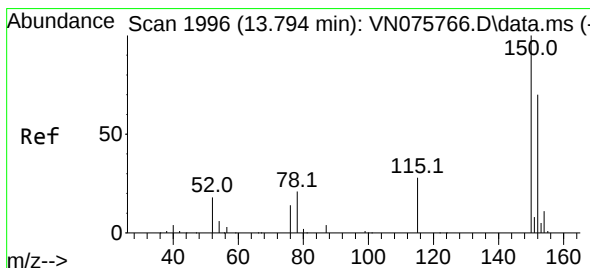
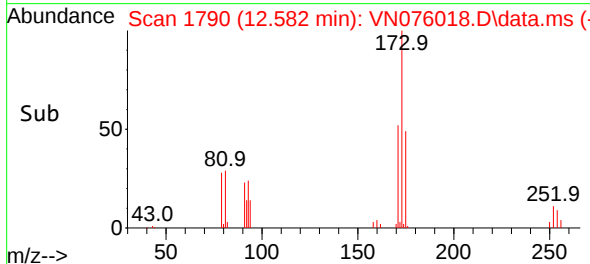
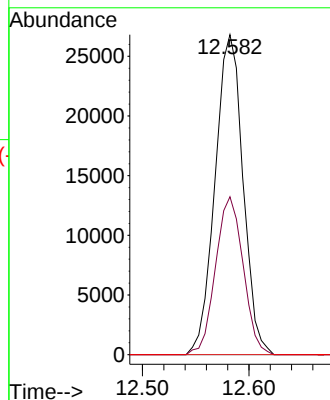
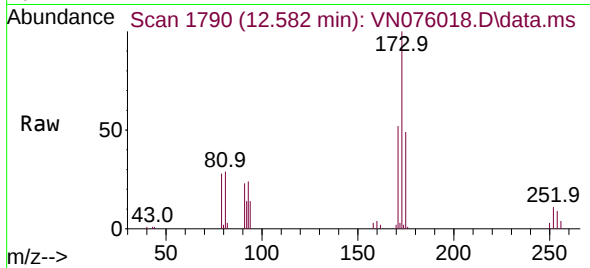




#71
Bromoform
Concen: 20.220 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

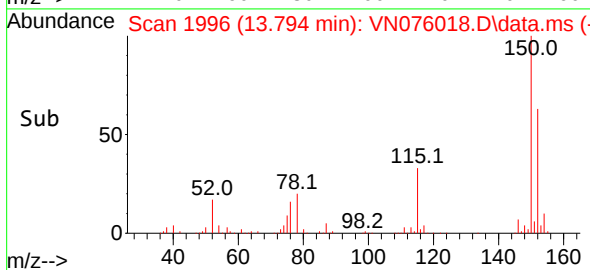
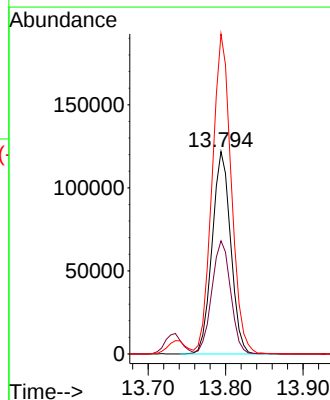
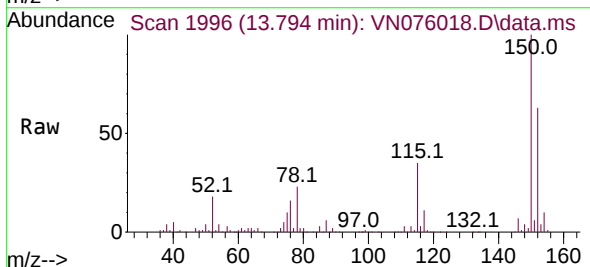
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

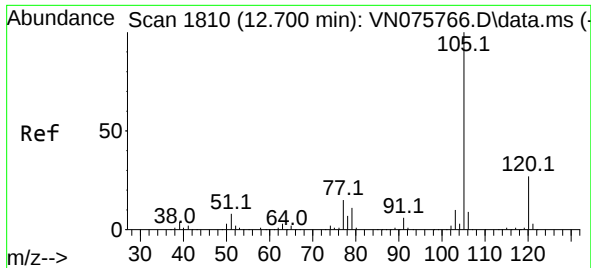
Tgt Ion:173 Resp: 48808
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion:152 Resp: 202762
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.4
150 163.2 0.0 347.0

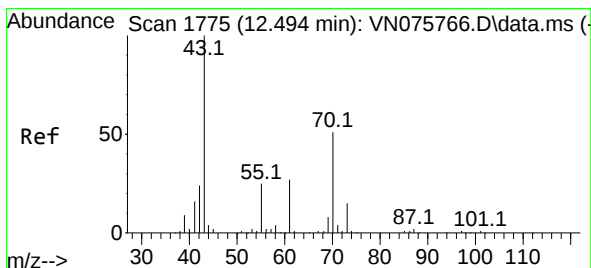
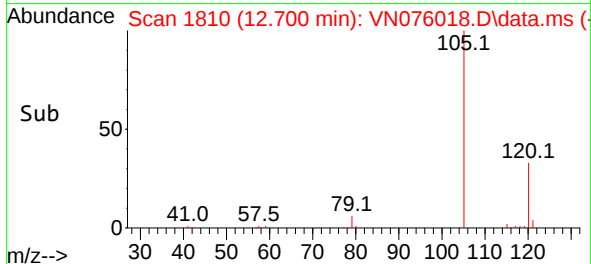
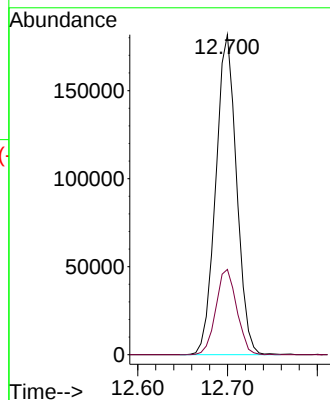
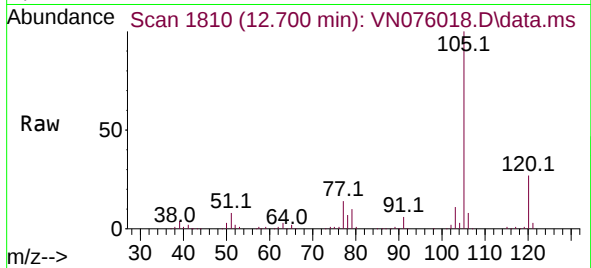




#73
Isopropylbenzene
Concen: 19.958 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

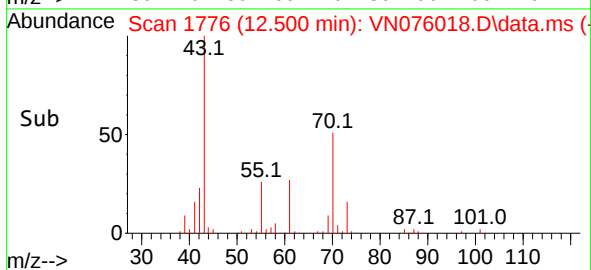
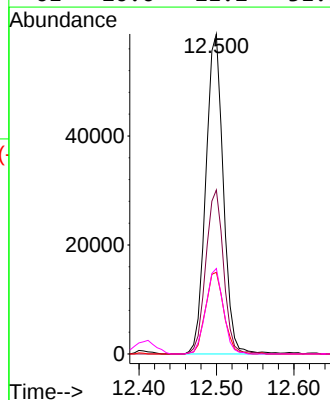
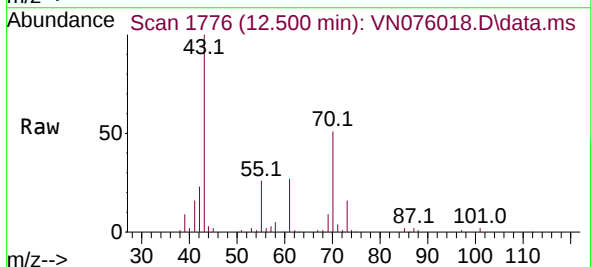
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

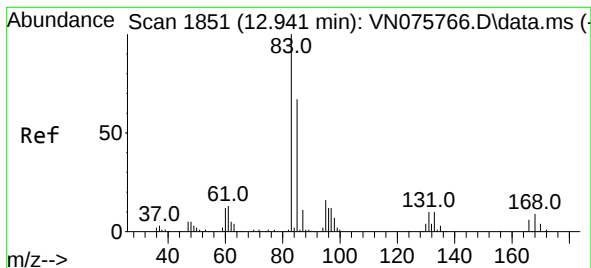
Tgt Ion:105 Resp: 292434
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 21.394 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 43 Resp: 91961
Ion Ratio Lower Upper
43 100
70 52.0 41.4 62.0
55 26.7 21.3 31.9
61 26.6 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.223 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS02

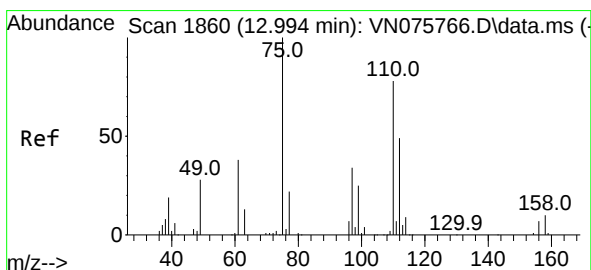
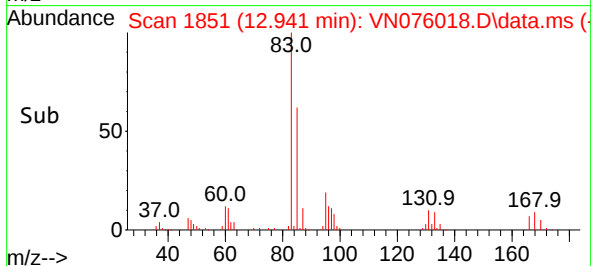
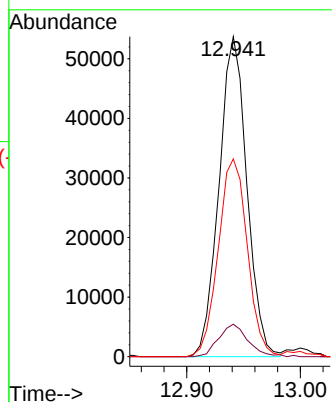
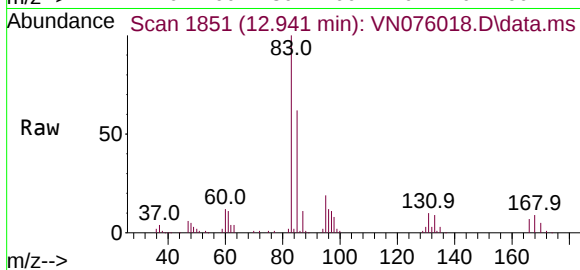
Tgt Ion: 83 Resp: 91602

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

85 64.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 25.709 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN076018.D

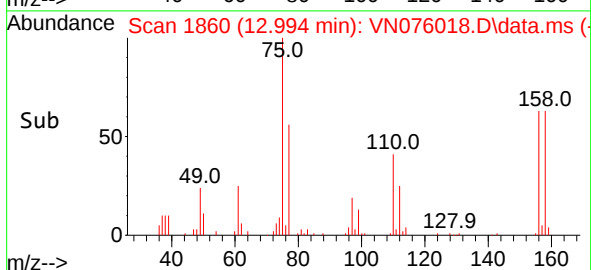
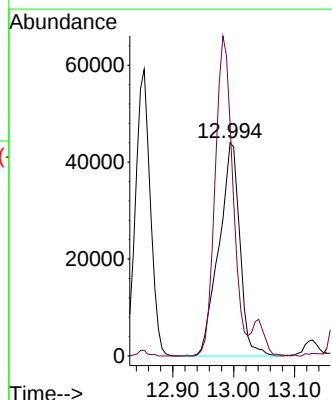
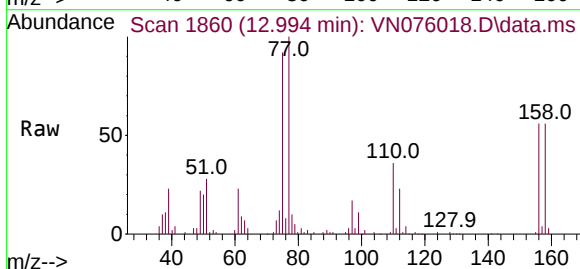
Acq: 28 Dec 2022 23:19

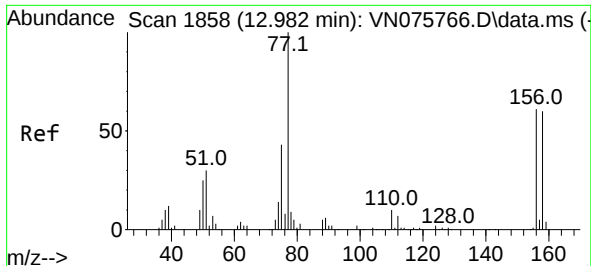
Tgt Ion: 75 Resp: 105077

Ion Ratio Lower Upper

75 100

77 126.8 82.6 247.8

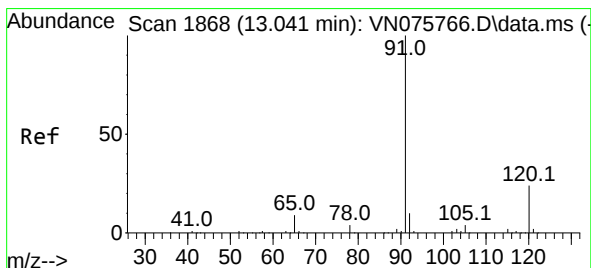
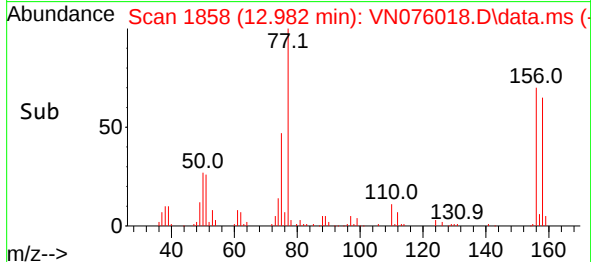
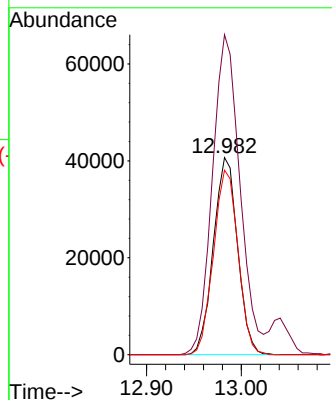
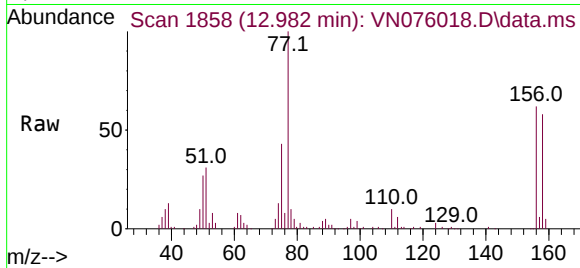




#77
Bromobenzene
Concen: 19.447 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

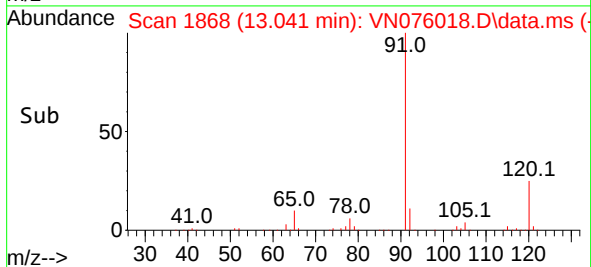
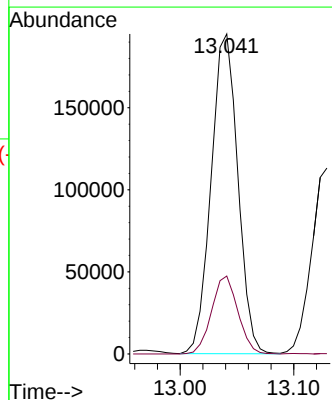
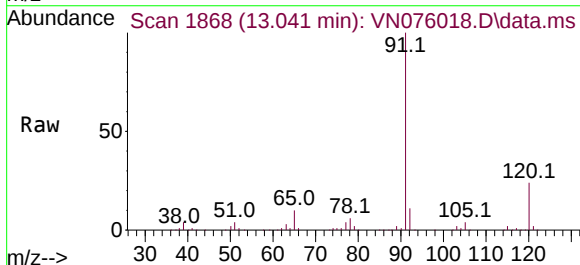
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

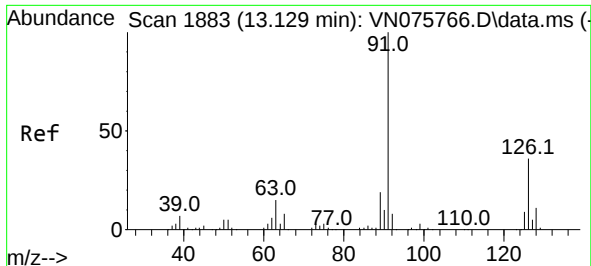
Tgt Ion:156 Resp: 72114
Ion Ratio Lower Upper
156 100
77 184.7 93.8 281.3
158 95.2 48.9 146.6



#78
n-propylbenzene
Concen: 19.707 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 91 Resp: 318489
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.1

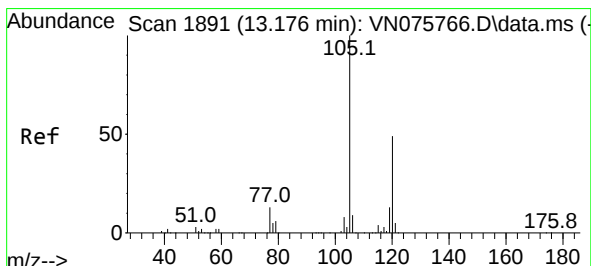
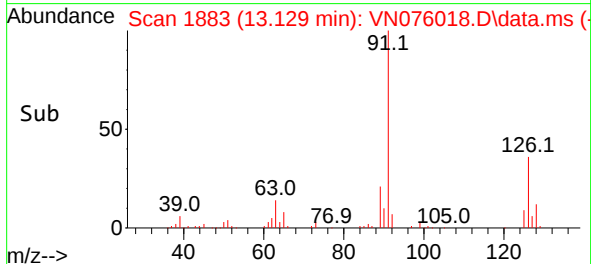
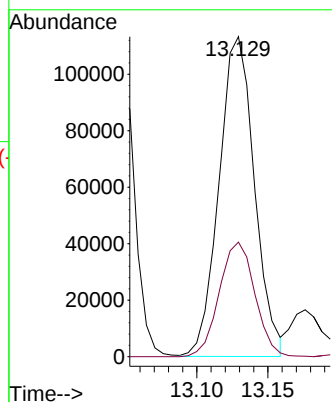
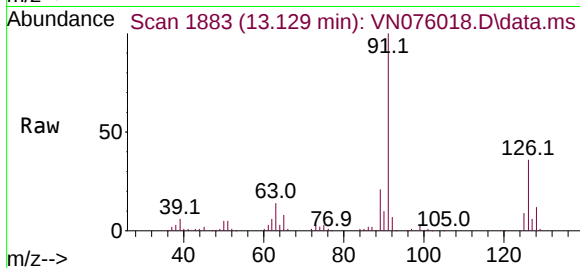




#79
2-Chlorotoluene
Concen: 19.447 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

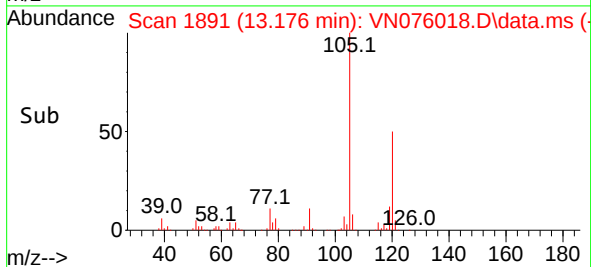
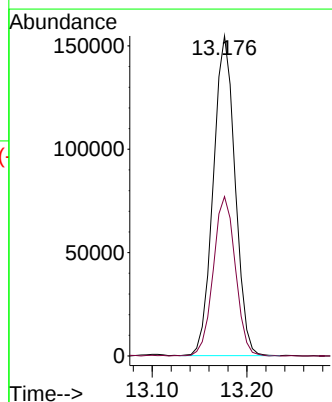
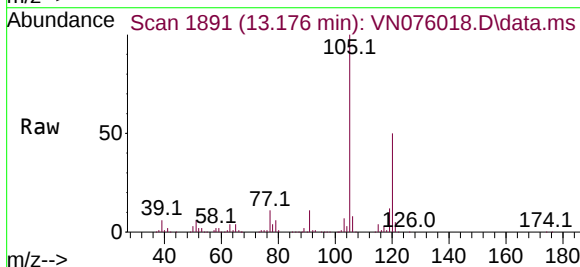
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

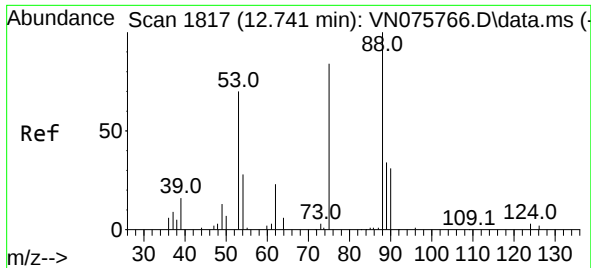
Tgt Ion: 91 Resp: 196188
Ion Ratio Lower Upper
91 100
126 36.0 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 20.130 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion:105 Resp: 246860
Ion Ratio Lower Upper
105 100
120 50.6 24.7 74.1

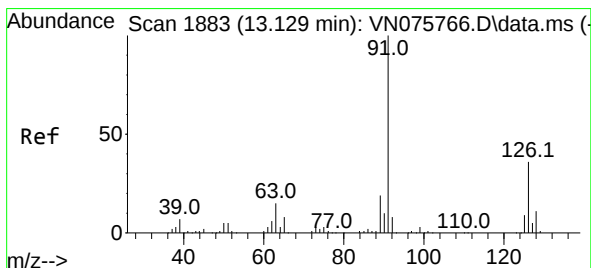
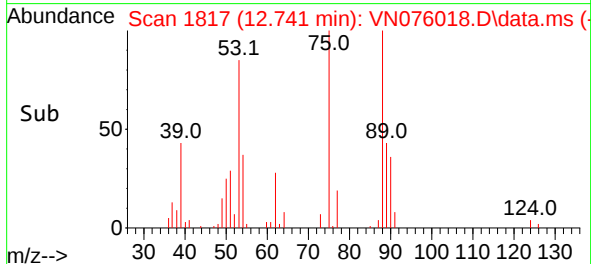
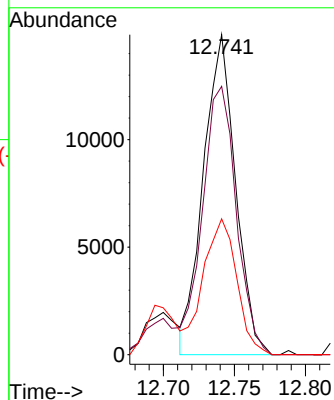
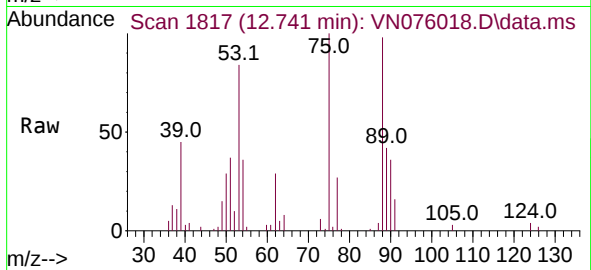




#81
trans-1,4-Dichloro-2-butene
Concen: 20.659 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

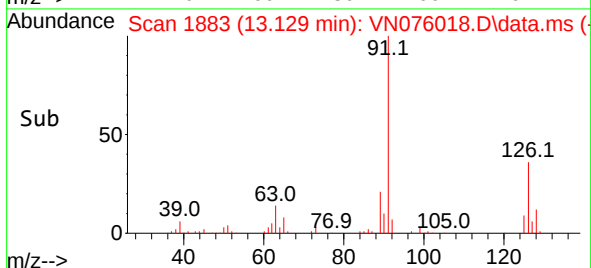
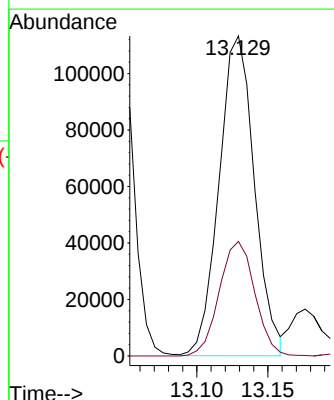
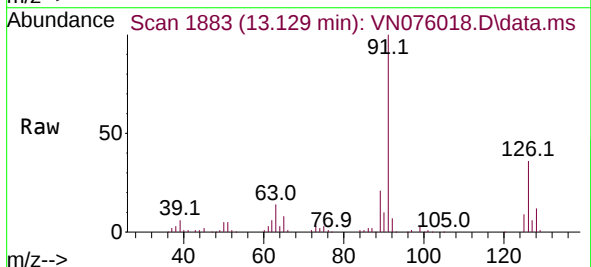
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

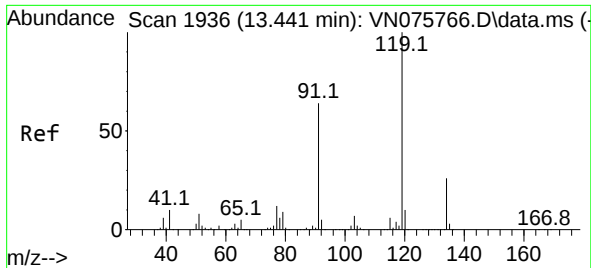
Tgt Ion: 75 Resp: 23458
Ion Ratio Lower Upper
75 100
53 90.0 73.8 110.6
89 44.5 39.5 59.3



#82
4-Chlorotoluene
Concen: 19.447 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion: 91 Resp: 196188
Ion Ratio Lower Upper
91 100
126 36.0 17.5 52.5

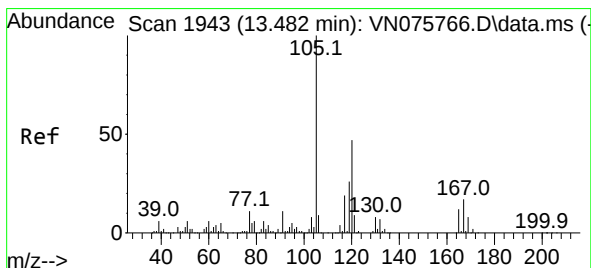
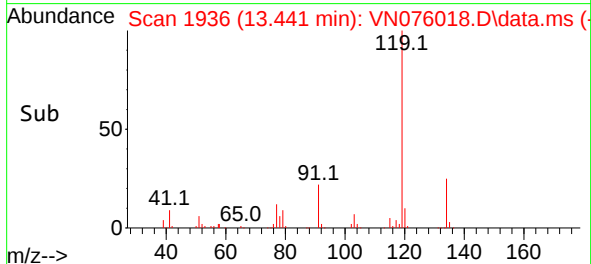
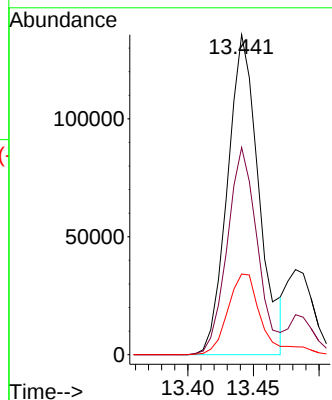
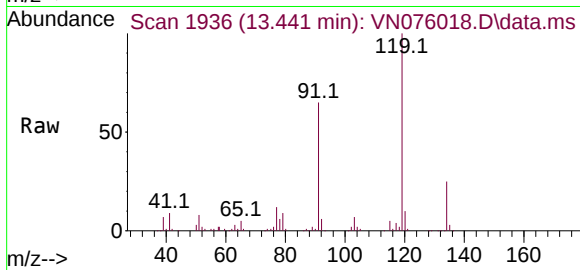




#83
tert-Butylbenzene
Concen: 20.849 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

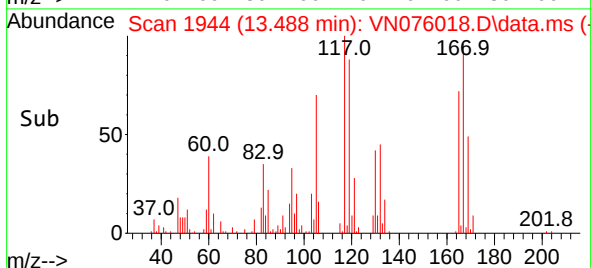
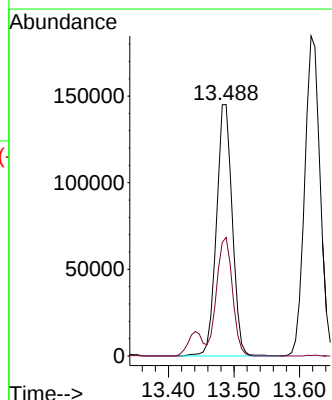
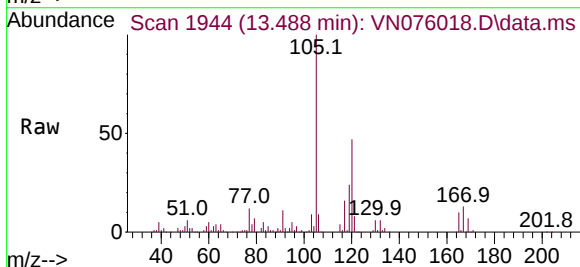
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

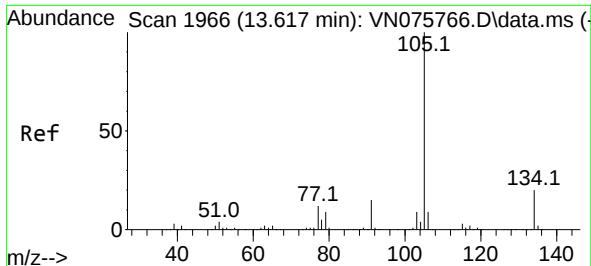
Tgt Ion:119 Resp: 225429
Ion Ratio Lower Upper
119 100
91 62.5 31.9 95.5
134 27.5 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 19.924 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion:105 Resp: 242390
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.8

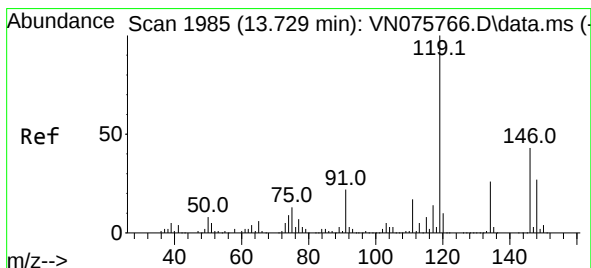
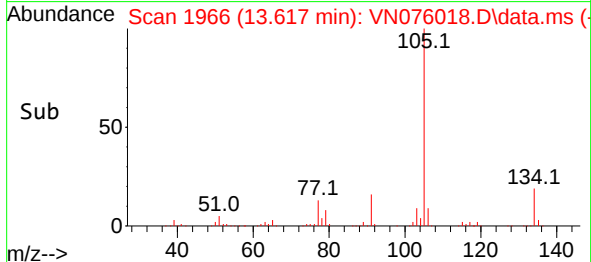
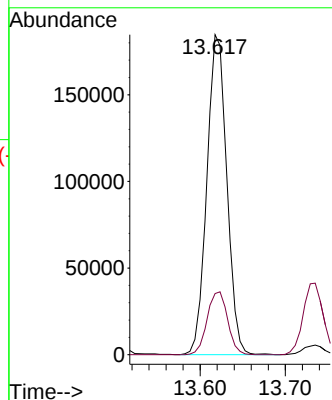
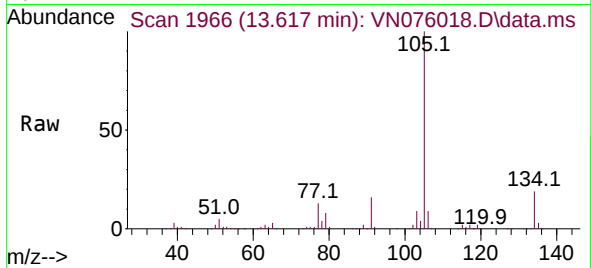




#85
 sec-Butylbenzene
 Concen: 20.113 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076018.D
 Acq: 28 Dec 2022 23:19

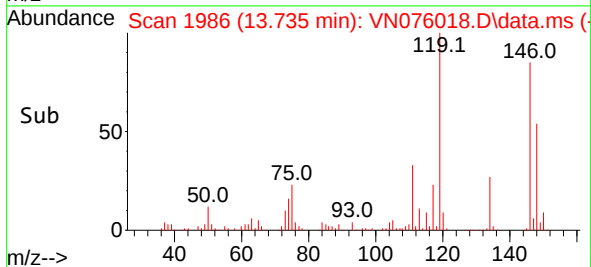
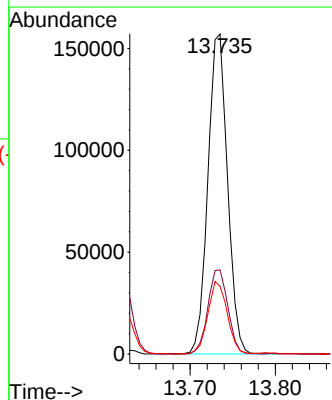
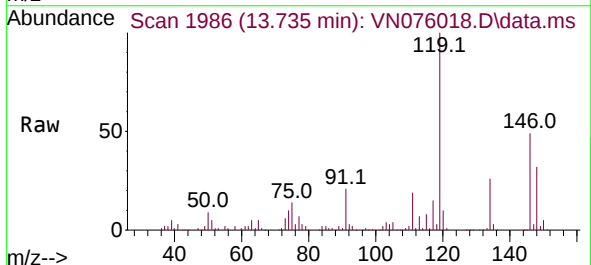
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS02

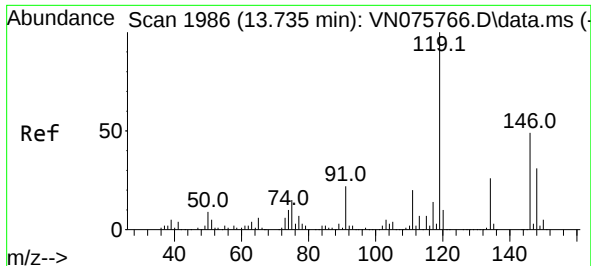
Tgt Ion:105 Resp: 300157
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.206 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076018.D
 Acq: 28 Dec 2022 23:19

Tgt Ion:119 Resp: 250919
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 39.0
 91 22.5 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 18.845 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS02

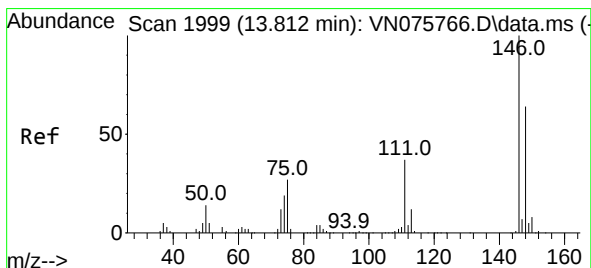
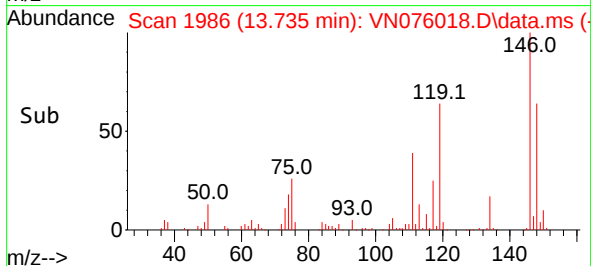
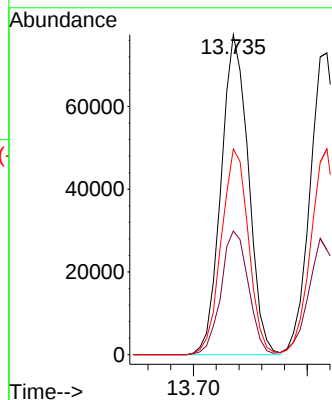
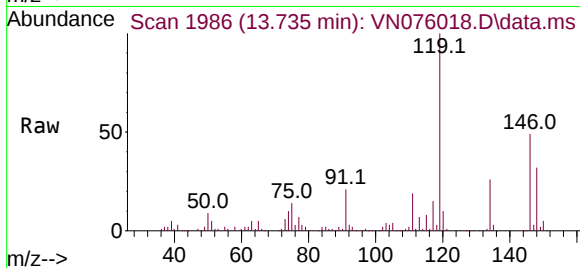
Tgt Ion:146 Resp: 129087

Ion Ratio Lower Upper

146 100

111 38.7 19.7 59.0

148 64.1 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 18.158 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

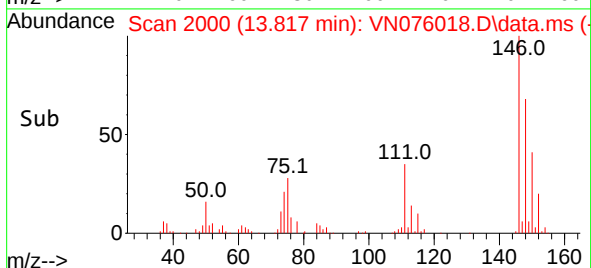
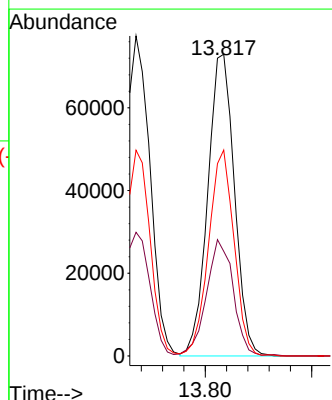
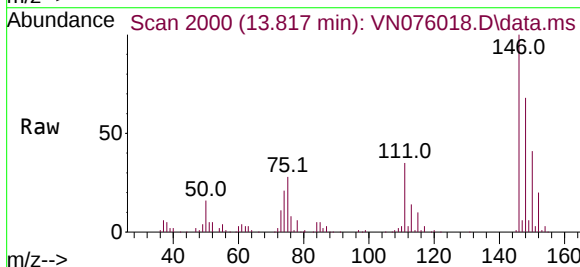
Tgt Ion:146 Resp: 127058

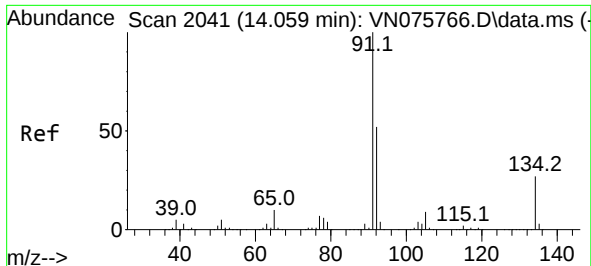
Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.1

148 65.1 32.0 96.2





#89

n-Butylbenzene

Concen: 18.658 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS02

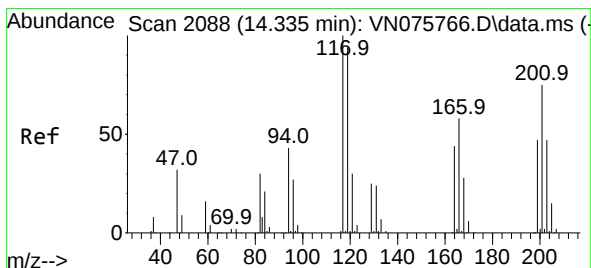
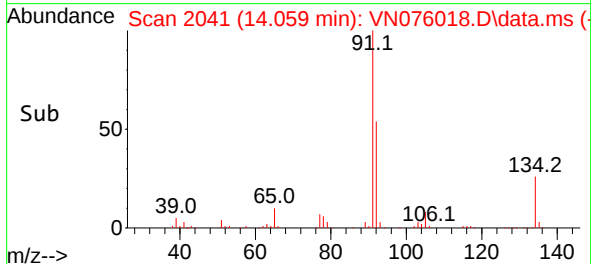
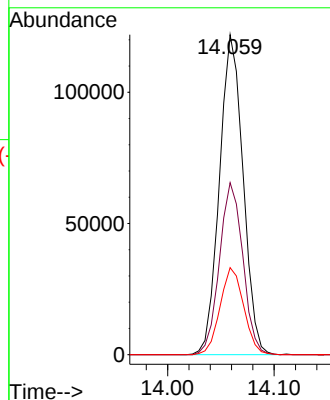
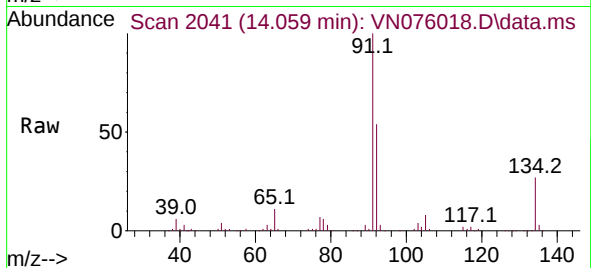
Tgt Ion: 91 Resp: 187701

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 27.3 13.4 40.2



#90

Hexachloroethane

Concen: 19.767 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN076018.D

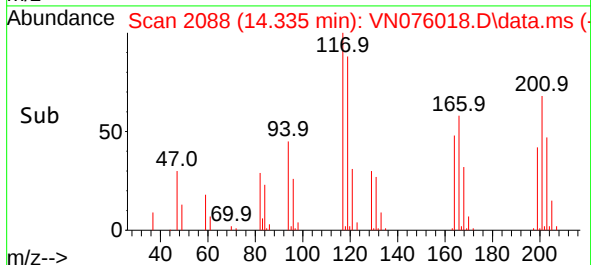
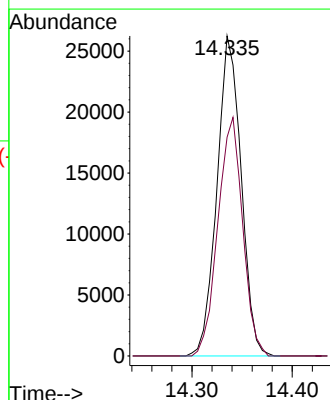
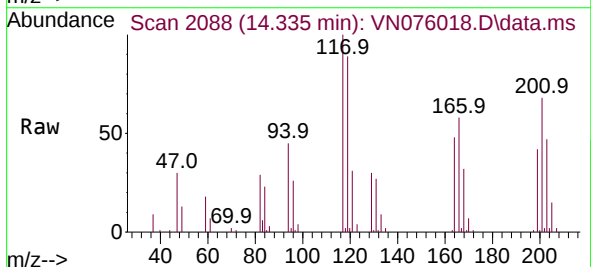
Acq: 28 Dec 2022 23:19

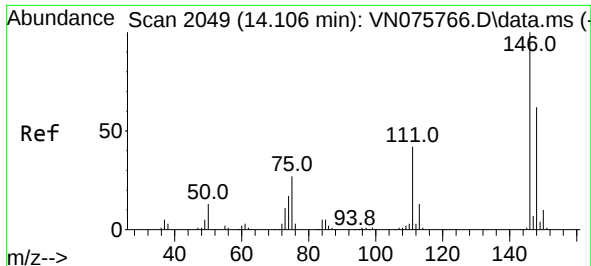
Tgt Ion: 117 Resp: 43909

Ion Ratio Lower Upper

117 100

201 76.3 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 19.479 ug/l

RT: 14.111 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS02

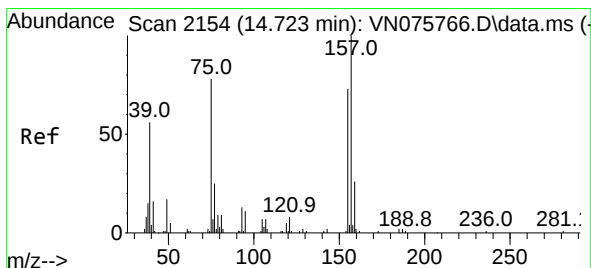
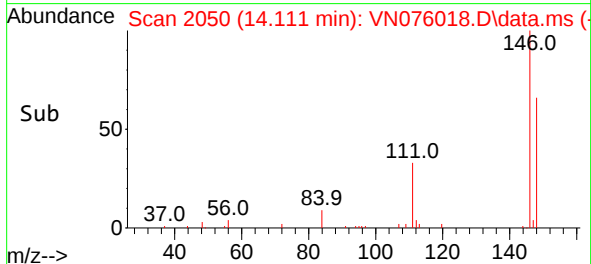
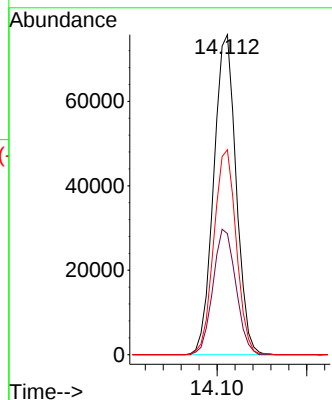
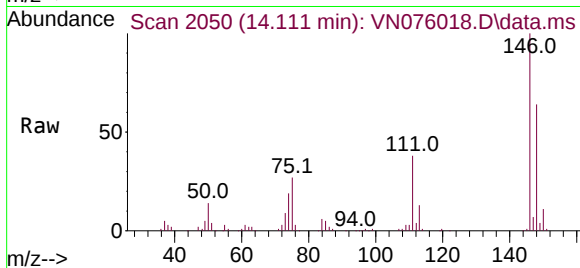
Tgt Ion:146 Resp: 131426

Ion Ratio Lower Upper

146 100

111 40.0 20.3 61.0

148 64.1 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.737 ug/l

RT: 14.717 min Scan# 2153

Delta R.T. -0.006 min

Lab File: VN076018.D

Acq: 28 Dec 2022 23:19

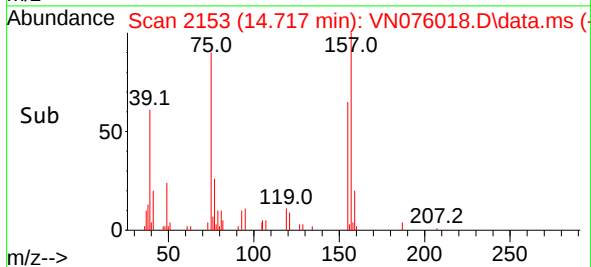
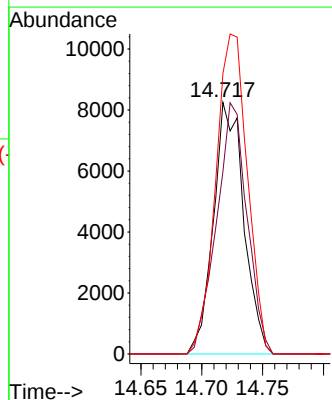
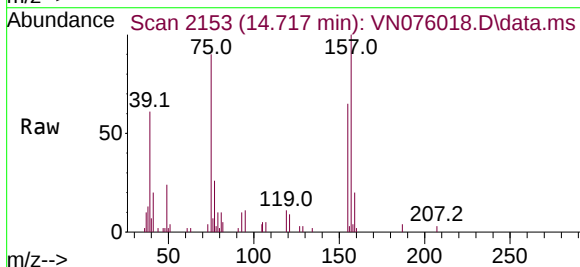
Tgt Ion: 75 Resp: 14256

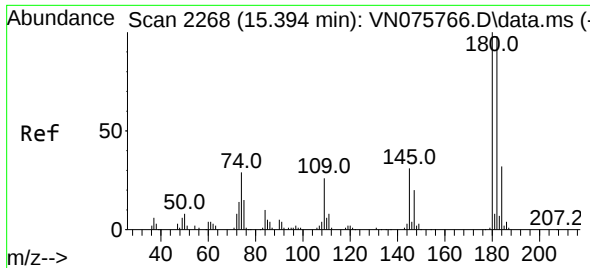
Ion Ratio Lower Upper

75 100

155 100.7 49.3 147.8

157 132.7 63.7 191.3

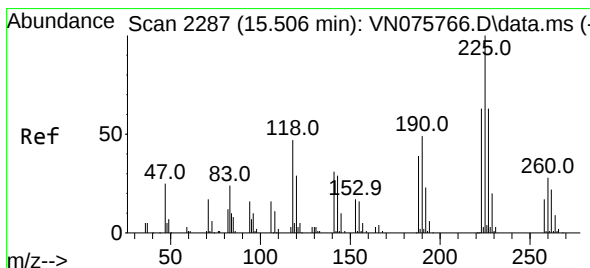
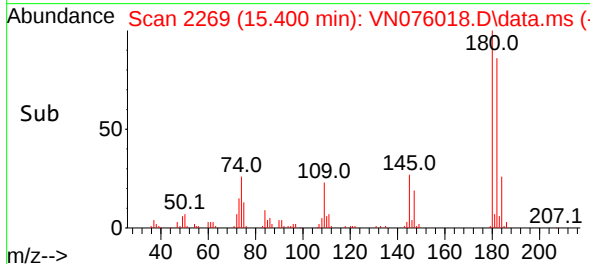
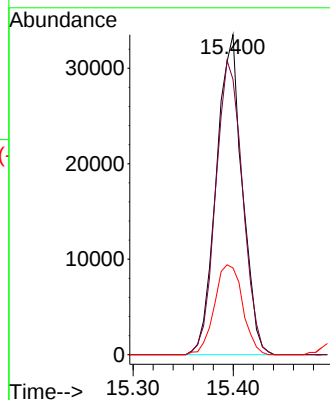
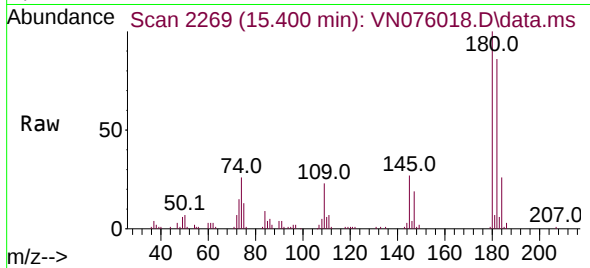




#93
1,2,4-Trichlorobenzene
Concen: 17.989 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

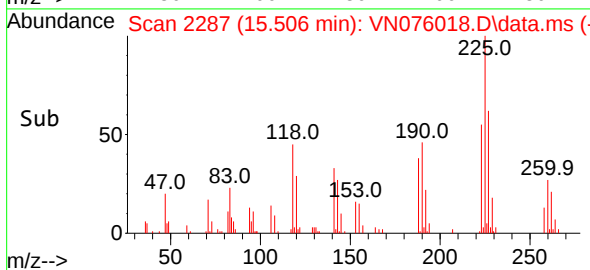
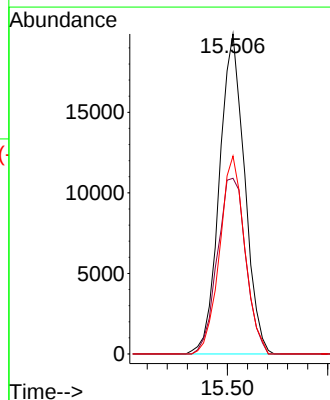
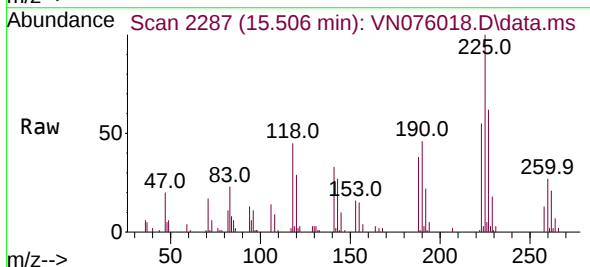
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

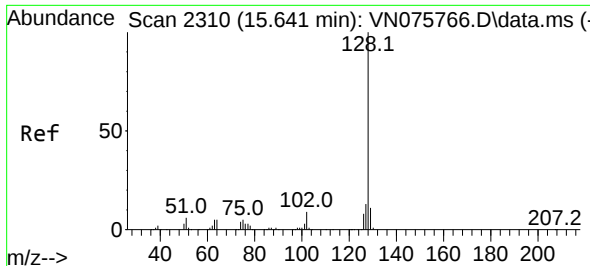
Tgt Ion:180 Resp: 60087
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 30.6 15.3 45.8



#94
Hexachlorobutadiene
Concen: 18.956 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion:225 Resp: 34546
Ion Ratio Lower Upper
225 100
223 61.9 31.5 94.5
227 61.4 31.6 95.0

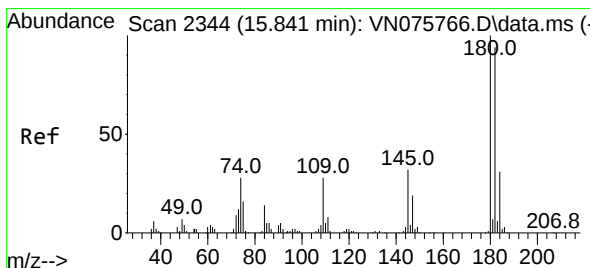
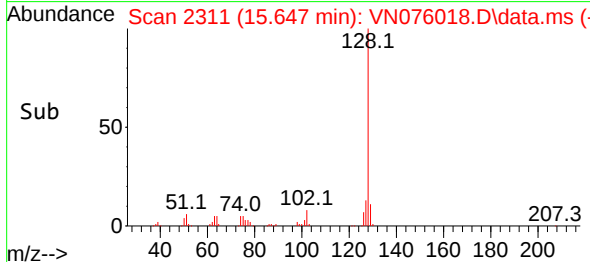
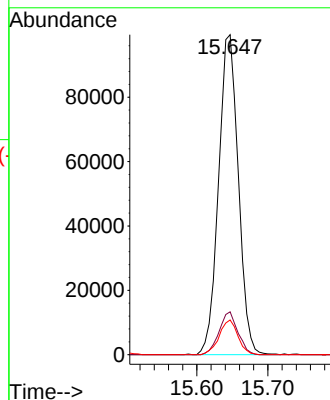
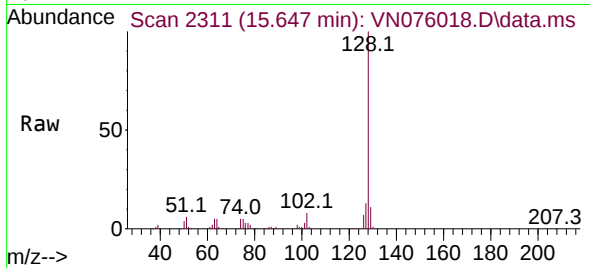




#95
Naphthalene
Concen: 18.786 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS02

Tgt Ion:128 Resp: 191620
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.083 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076018.D
Acq: 28 Dec 2022 23:19

Tgt Ion:180 Resp: 59576
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 34.1 16.0 47.9

