

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076523.D
 Acq On : 02 Feb 2023 20:28
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 03 01:07:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	490917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	842768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	763826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	379497	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	319375	58.103	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.200%	
35) Dibromofluoromethane	8.171	113	277750	52.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.380%	
50) Toluene-d8	10.570	98	996351	51.175	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.340%	
62) 4-Bromofluorobenzene	12.853	95	375471	59.074	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	211730	42.087	ug/l	99
3) Chloromethane	2.377	50	250445	48.083	ug/l	96
4) Vinyl Chloride	2.530	62	232351	36.380	ug/l	98
5) Bromomethane	2.947	94	153925	29.430	ug/l	98
6) Chloroethane	3.124	64	142362	29.726	ug/l	98
7) Trichlorofluoromethane	3.506	101	420270	47.830	ug/l	100
8) Diethyl Ether	3.971	74	163135	55.353	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	233418	46.926	ug/l	98
10) Methyl Iodide	4.600	142	364601	47.987	ug/l	98
11) Tert butyl alcohol	5.535	59	212692	289.290	ug/l	98
12) 1,1-Dichloroethene	4.353	96	220082	46.805	ug/l	92
13) Acrolein	4.194	56	219207	249.310	ug/l	100
14) Allyl chloride	5.036	41	289693	52.868	ug/l	91
15) Acrylonitrile	5.735	53	585671	279.929	ug/l	99
16) Acetone	4.441	43	449730	255.228	ug/l	100
17) Carbon Disulfide	4.730	76	458943	39.199	ug/l	96
18) Methyl Acetate	5.041	43	336505	56.350	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	867129	56.646	ug/l	99
20) Methylene Chloride	5.288	84	273398	52.464	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	236339	46.396	ug/l	95
22) Diisopropyl ether	6.682	45	764764	59.182	ug/l	96
23) Vinyl Acetate	6.618	43	2426067	290.494	ug/l	98
24) 1,1-Dichloroethane	6.582	63	463636	53.826	ug/l	98
25) 2-Butanone	7.494	43	721618	268.137	ug/l	97
26) 2,2-Dichloropropane	7.494	77	347087	47.810	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	303717	51.120	ug/l	97
28) Bromochloromethane	7.824	49	205295	58.802	ug/l	95
29) Tetrahydrofuran	7.847	42	475943	286.543	ug/l	97
30) Chloroform	7.971	83	513215	53.847	ug/l	96
31) Cyclohexane	8.259	56	362466	42.927	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	453510	52.117	ug/l	98
36) 1,1-Dichloropropene	8.377	75	334171	44.608	ug/l	99
37) Ethyl Acetate	7.565	43	302375	50.323	ug/l	99
38) Carbon Tetrachloride	8.371	117	382979	45.845	ug/l	99
39) Methylcyclohexane	9.606	83	397055	43.403	ug/l	97
40) Benzene	8.612	78	1069380	47.740	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	166705	52.988	ug/l	98
42) 1,2-Dichloroethane	8.676	62	382942	49.966	ug/l	100
43) Isopropyl Acetate	8.694	43	552033	56.475	ug/l	97
44) Trichloroethene	9.359	130	270160	42.643	ug/l	99
45) 1,2-Dichloropropane	9.623	63	269986	50.342	ug/l	97
46) Dibromomethane	9.712	93	197332	48.734	ug/l	96
47) Bromodichloromethane	9.894	83	410686	52.294	ug/l	98
48) Methyl methacrylate	9.682	41	249409	53.896	ug/l	92
49) 1,4-Dioxane	9.700	88	107148	1097.329	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1558974	271.683	ug/l	99
52) Toluene	10.635	92	704672	47.042	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	411134	54.917	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	448749	52.102	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	293137	51.196	ug/l	100
56) Ethyl methacrylate	10.876	69	435979	58.979	ug/l #	94
57) 1,3-Dichloropropane	11.165	76	479542	51.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	673844	270.024	ug/l	98
59) 2-Hexanone	11.200	43	1112522	267.547	ug/l	97
60) Dibromochloromethane	11.359	129	325881	54.067	ug/l	100
61) 1,2-Dibromoethane	11.470	107	290686	50.862	ug/l	99
64) Tetrachloroethene	11.106	164	247125	35.876	ug/l	95
65) Chlorobenzene	11.894	112	750188	46.462	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	301896	50.254	ug/l	99
67) Ethyl Benzene	11.964	91	1369183	49.547	ug/l	99
68) m/p-Xylenes	12.070	106	1065476	96.155	ug/l	97
69) o-Xylene	12.400	106	539009	49.533	ug/l	98
70) Styrene	12.412	104	896707	51.609	ug/l	98
71) Bromoform	12.582	173	230355	53.097	ug/l #	100
73) Isopropylbenzene	12.700	105	1406826	47.920	ug/l	99
74) N-amyl acetate	12.494	43	458020	54.237	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	421508	49.944	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	371541m	53.814	ug/l	
77) Bromobenzene	12.982	156	325221	47.353	ug/l	92
78) n-propylbenzene	13.041	91	1576195	47.582	ug/l	99
79) 2-Chlorotoluene	13.129	91	972960	47.865	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1198932	48.747	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	113413	49.724	ug/l	98
82) 4-Chlorotoluene	13.129	91	972960	47.865	ug/l	97
83) tert-Butylbenzene	13.441	119	1060093	48.462	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1218852	49.422	ug/l	99
85) sec-Butylbenzene	13.617	105	1495724	49.277	ug/l	99
86) p-Isopropyltoluene	13.729	119	1255979	50.320	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	612754	44.283	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	603322	45.843	ug/l	99
89) n-Butylbenzene	14.058	91	994071	50.170	ug/l	99
90) Hexachloroethane	14.335	117	209649	48.666	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	615079	44.629	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	76382	52.066	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	285945	43.123	ug/l	98
94) Hexachlorobutadiene	15.505	225	151914	41.537	ug/l	97
95) Naphthalene	15.641	128	894677	45.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	281222	44.434	ug/l	99

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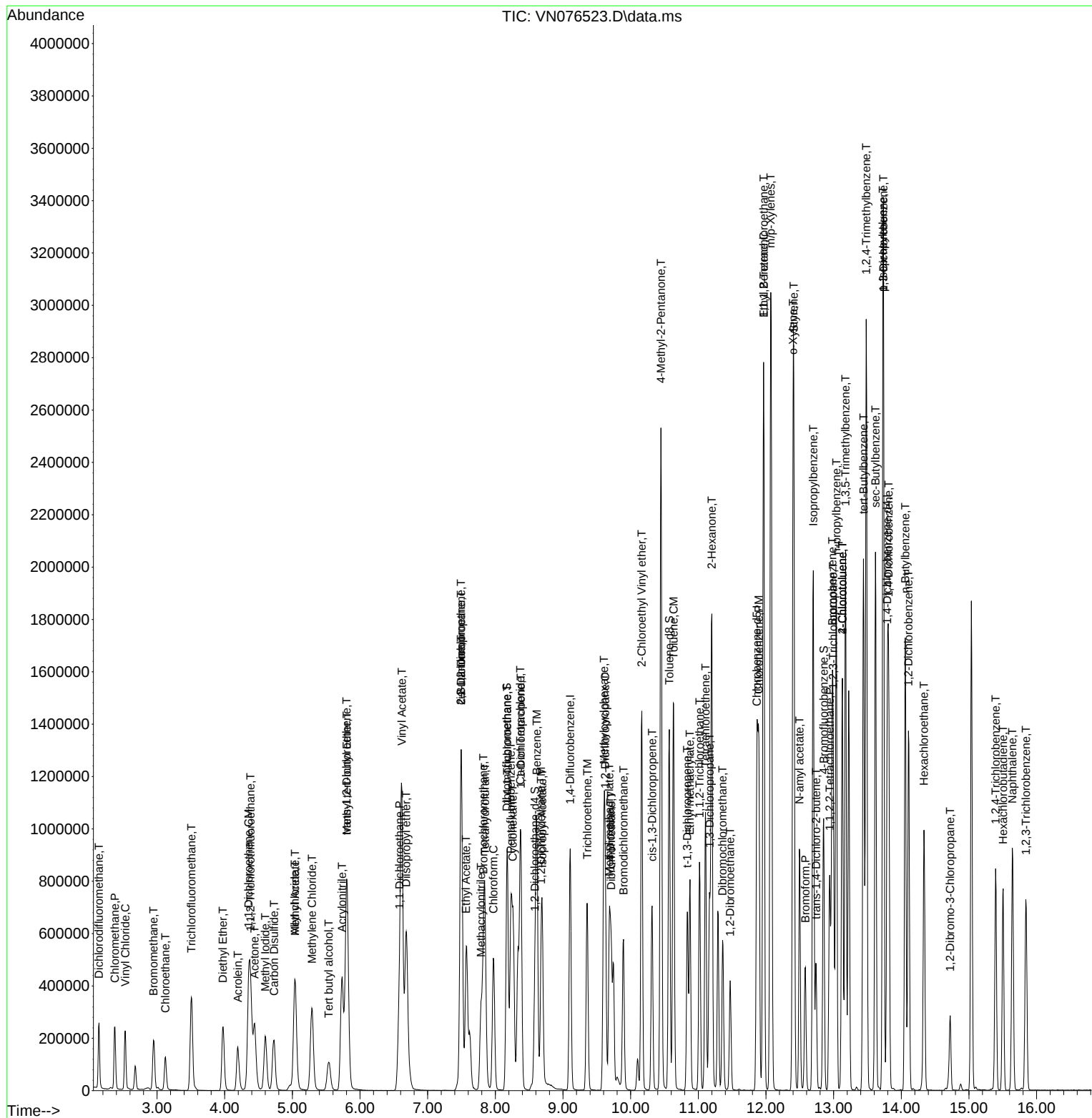
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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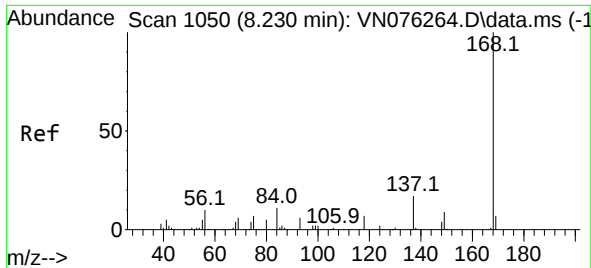
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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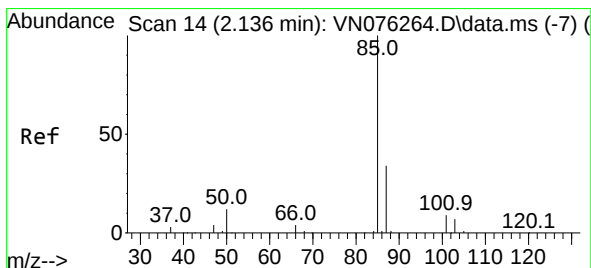
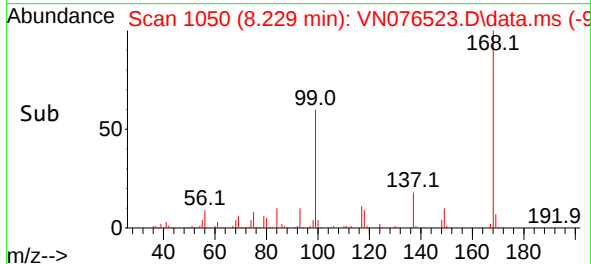
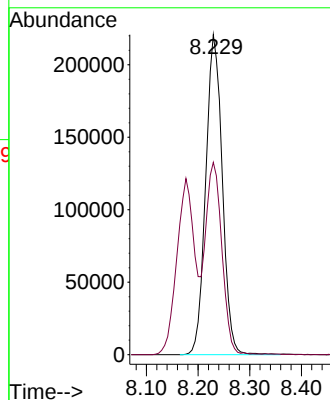
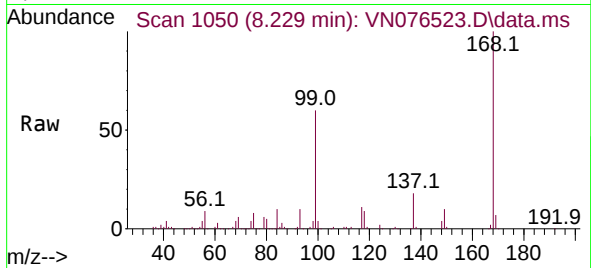




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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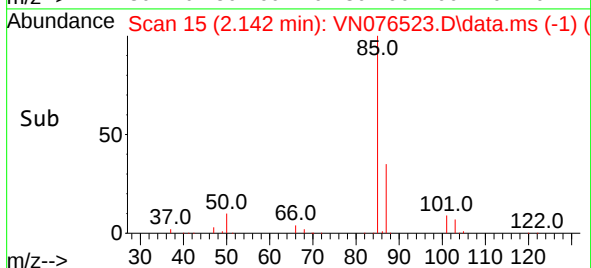
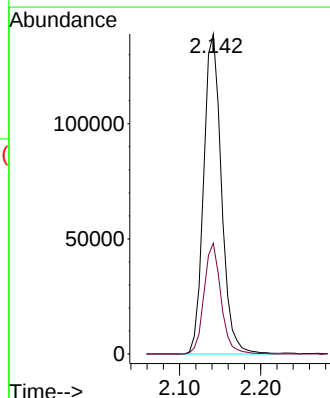
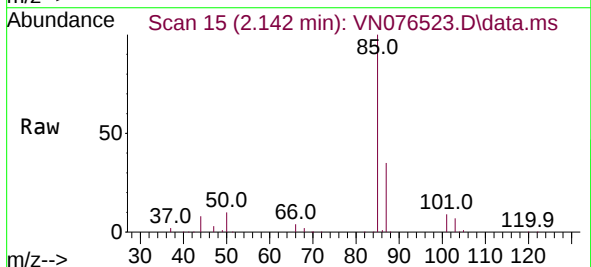
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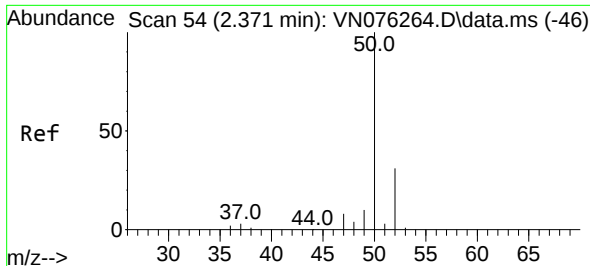
Tgt Ion:168 Resp: 490917
Ion Ratio Lower Upper
168 100
99 60.0 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 42.087 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 85 Resp: 211730
Ion Ratio Lower Upper
85 100
87 34.6 17.1 51.2

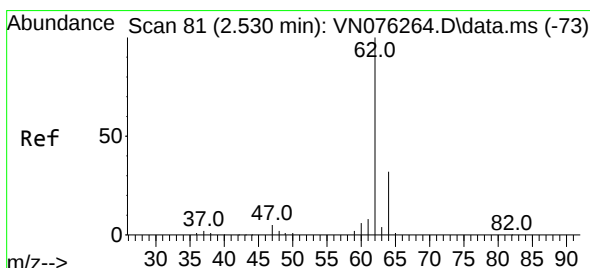
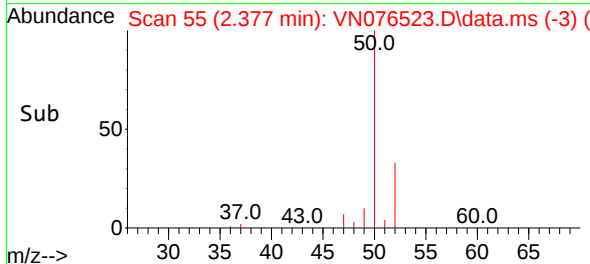
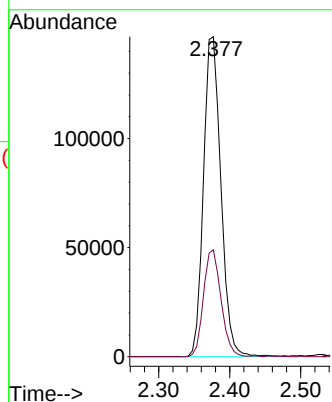
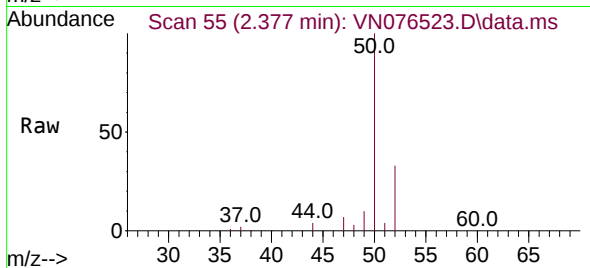




#3
Chloromethane
Concen: 48.083 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

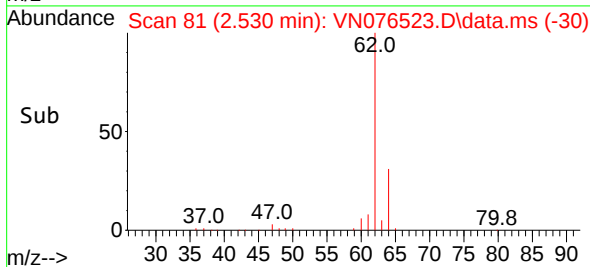
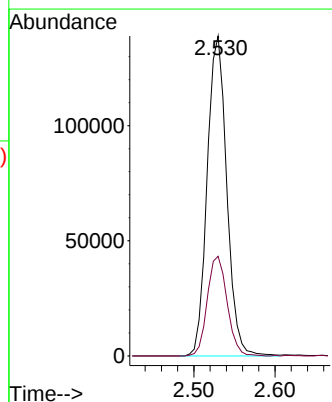
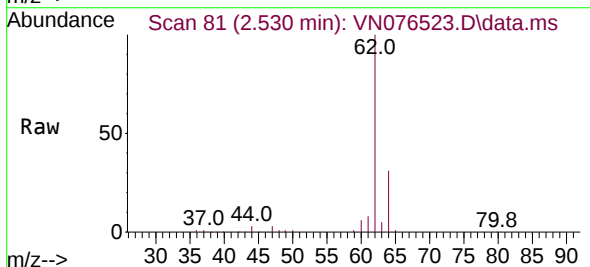
Instrument :
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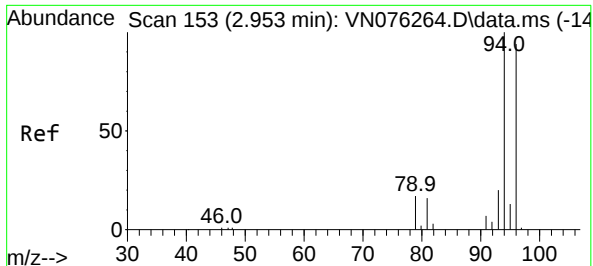
Tgt Ion: 50 Resp: 250445
Ion Ratio Lower Upper
50 100
52 33.4 24.8 37.2



#4
Vinyl Chloride
Concen: 36.380 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 62 Resp: 232351
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6

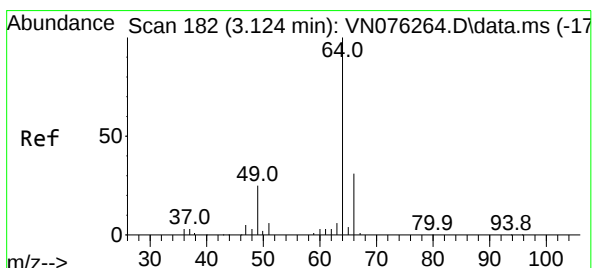
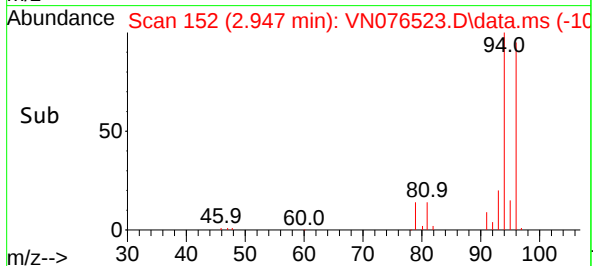
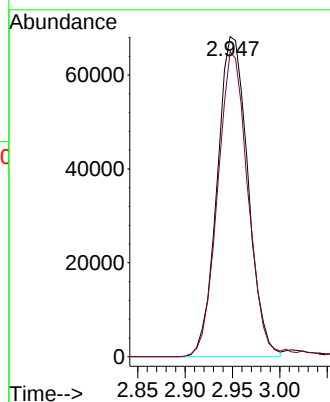
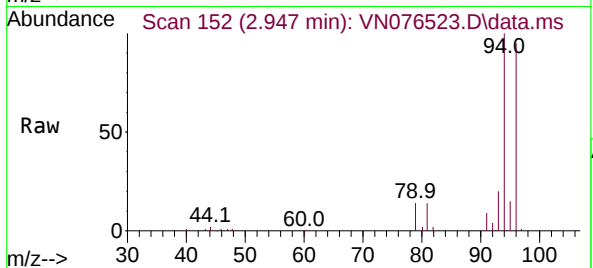




#5
Bromomethane
Concen: 29.430 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076523.D
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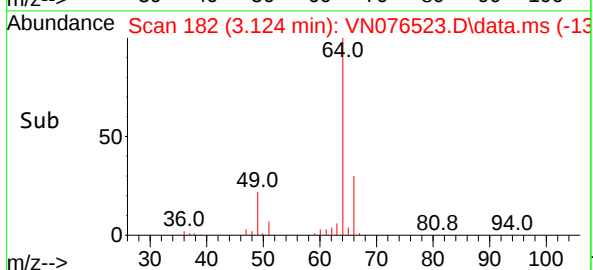
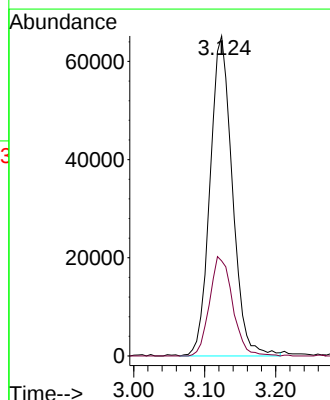
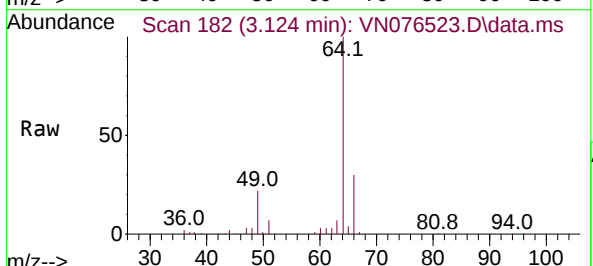
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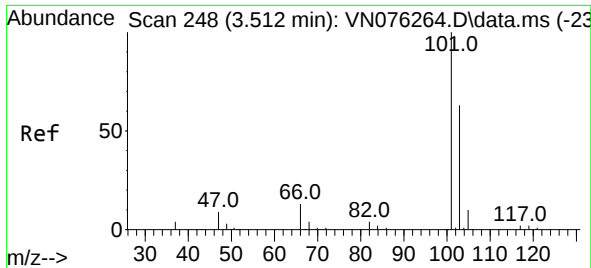
Tgt Ion: 94 Resp: 153925
Ion Ratio Lower Upper
94 100
96 95.4 75.1 112.7



#6
Chloroethane
Concen: 29.726 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 64 Resp: 142362
Ion Ratio Lower Upper
64 100
66 29.7 24.8 37.2

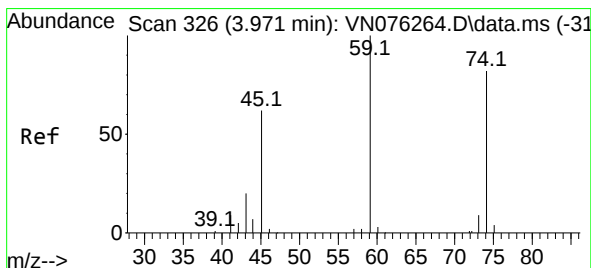
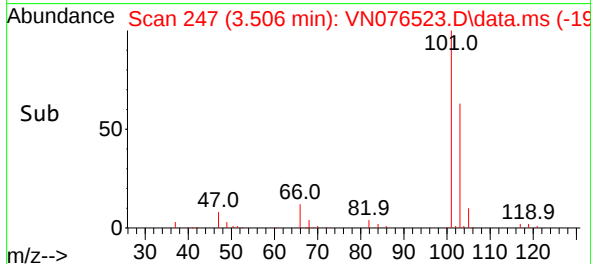
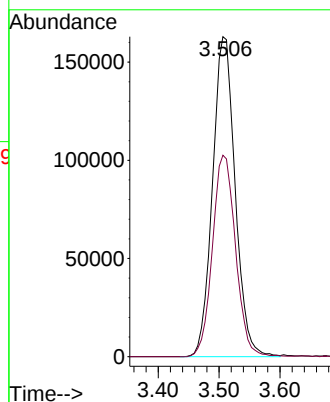
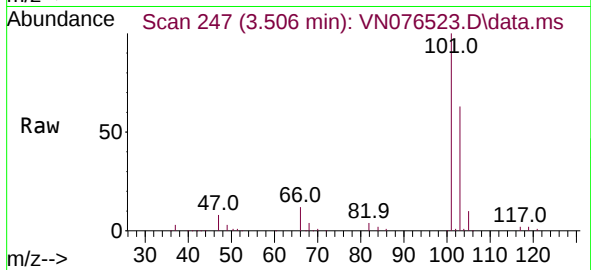




#7
 Trichlorofluoromethane
 Concen: 47.830 ug/l
 RT: 3.506 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VN076523.D
 Acq: 02 Feb 2023 20:28

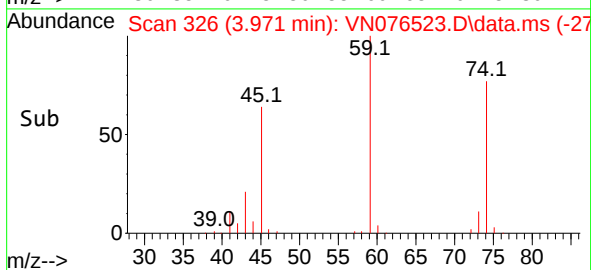
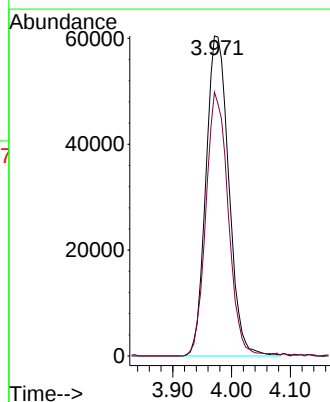
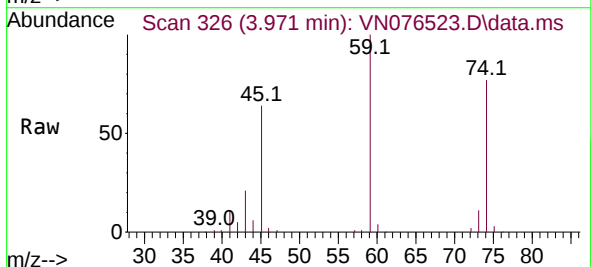
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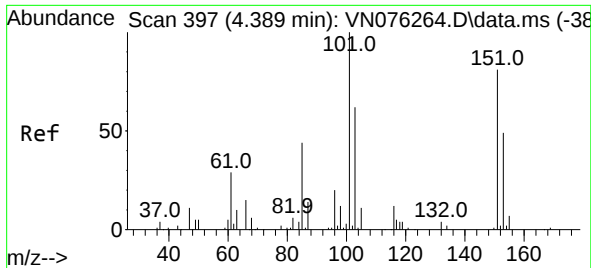
Tgt Ion:101 Resp: 420270
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.2 75.4



#8
 Diethyl Ether
 Concen: 55.353 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN076523.D
 Acq: 02 Feb 2023 20:28

Tgt Ion: 74 Resp: 163135
 Ion Ratio Lower Upper
 74 100
 45 80.4 37.8 113.3

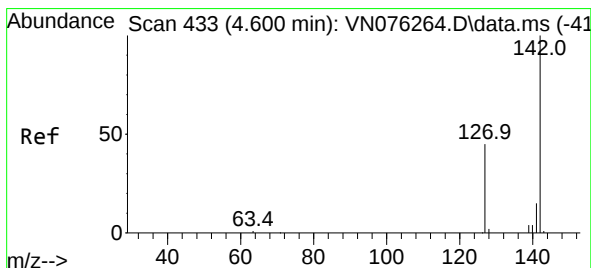
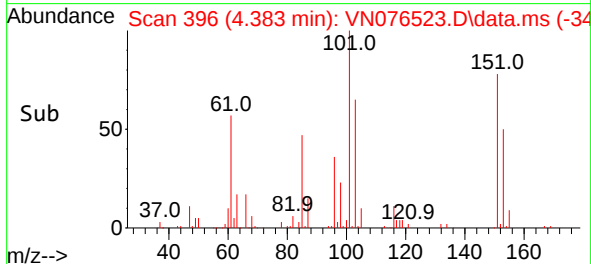
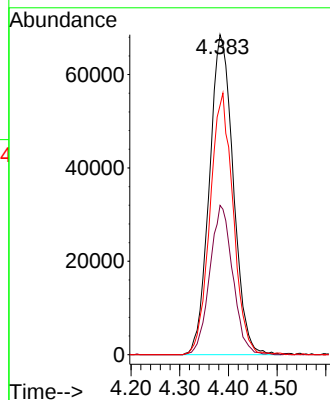
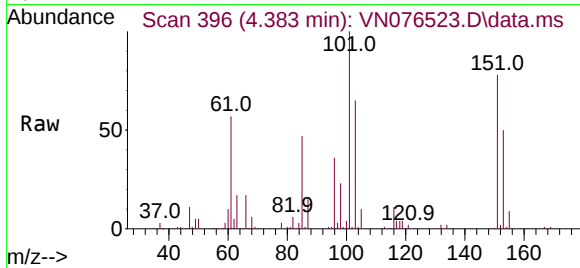




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.926 ug/l
 RT: 4.383 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VN076523.D
 Acq: 02 Feb 2023 20:28

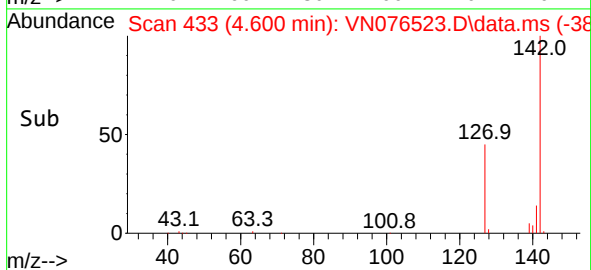
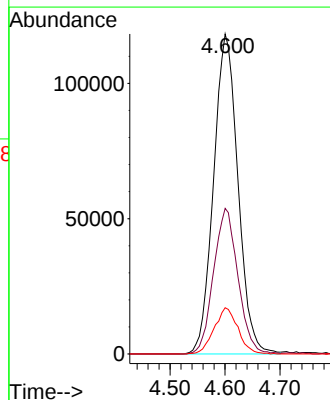
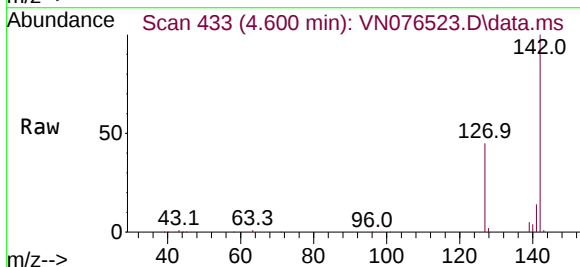
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

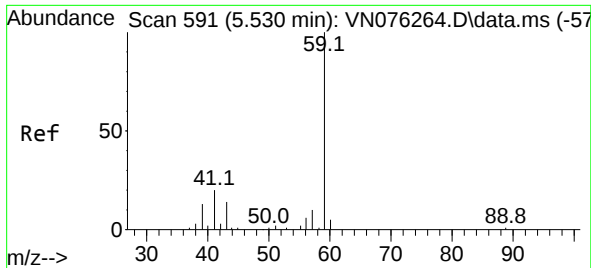
Tgt Ion:101 Resp: 233418
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.5 53.3
 151 79.2 65.5 98.3



#10
 Methyl Iodide
 Concen: 47.987 ug/l
 RT: 4.600 min Scan# 433
 Delta R.T. 0.000 min
 Lab File: VN076523.D
 Acq: 02 Feb 2023 20:28

Tgt Ion:142 Resp: 364601
 Ion Ratio Lower Upper
 142 100
 127 45.5 35.0 52.4
 141 14.1 11.5 17.3

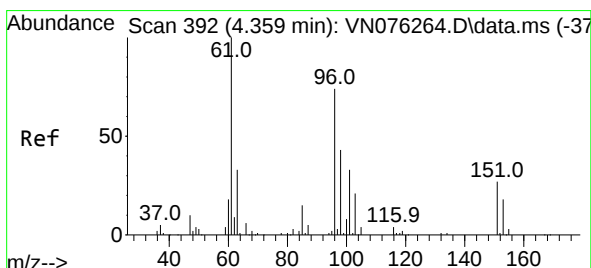
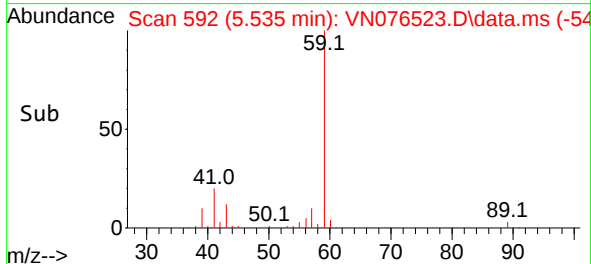
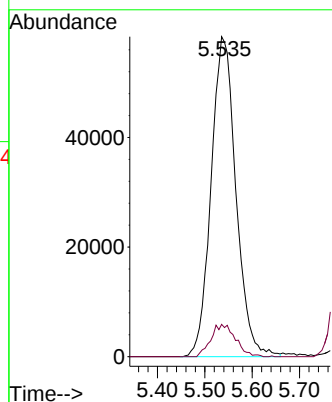
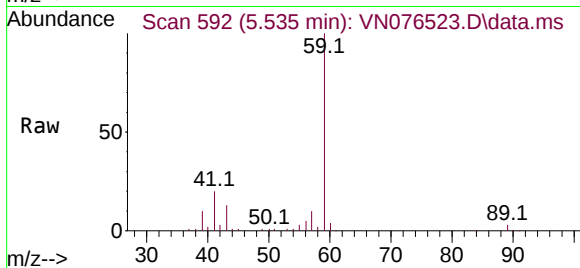




#11
Tert butyl alcohol
Concen: 289.290 ug/l
RT: 5.535 min Scan# 591
Delta R.T. 0.005 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

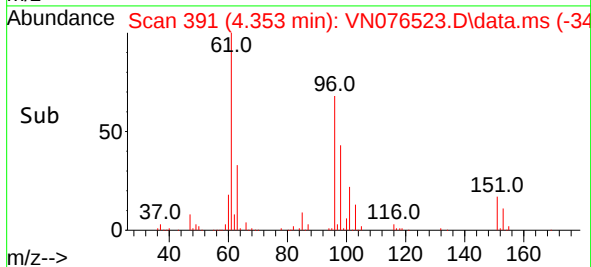
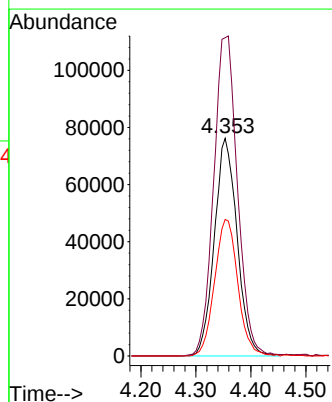
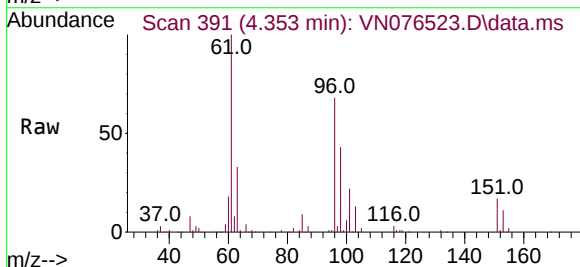
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

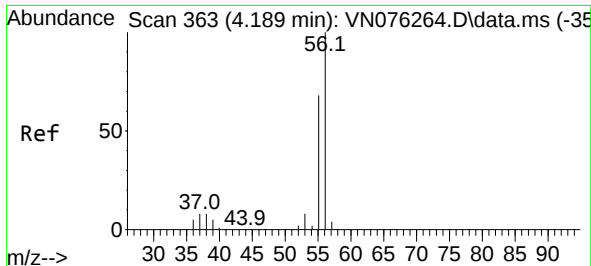
Tgt Ion: 59 Resp: 212692
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.805 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 96 Resp: 220082
Ion Ratio Lower Upper
96 100
61 146.2 108.2 162.4
98 62.7 47.0 70.6





#13

Acrolein

Concen: 249.310 ug/l

RT: 4.194 min Scan# 3

Delta R.T. 0.005 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

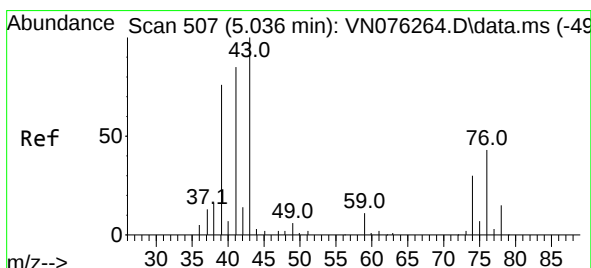
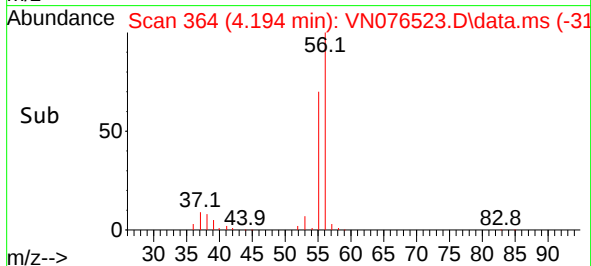
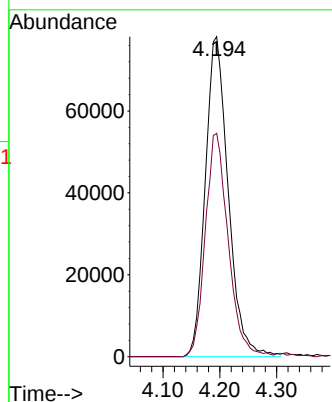
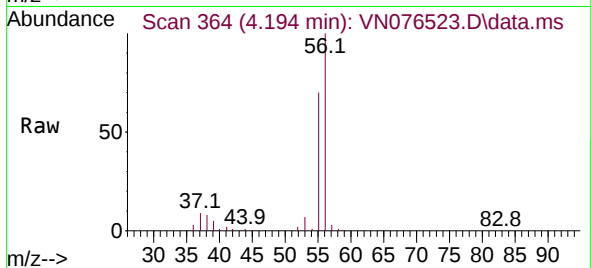
VSTDCCC050EC

Tgt Ion: 56 Resp: 219207

Ion Ratio Lower Upper

56 100

55 69.6 55.8 83.6



#14

Allyl chloride

Concen: 52.868 ug/l

RT: 5.036 min Scan# 507

Delta R.T. -0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

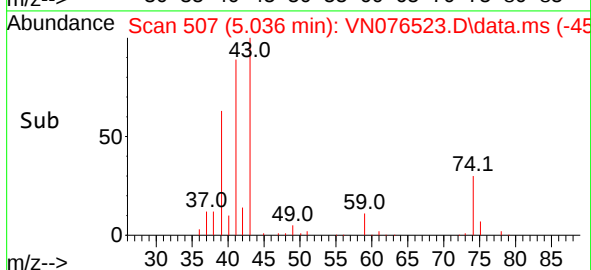
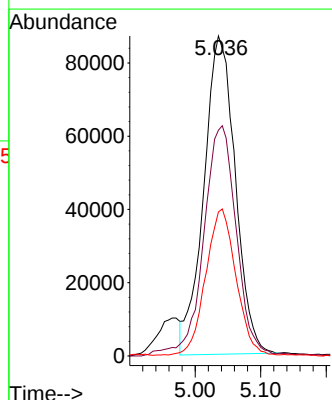
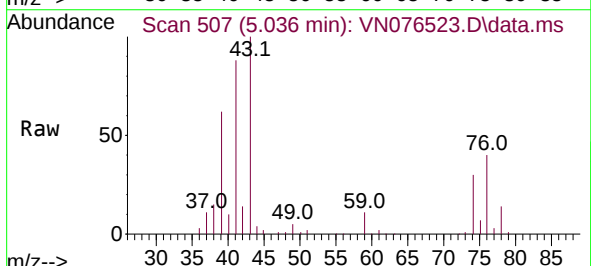
Tgt Ion: 41 Resp: 289693

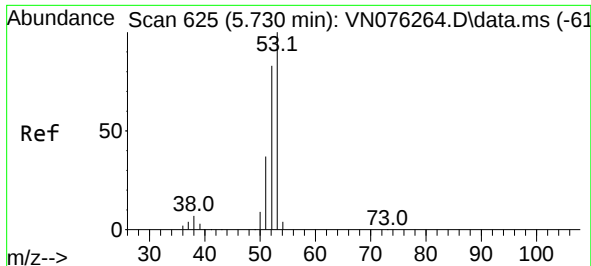
Ion Ratio Lower Upper

41 100

39 75.1 67.4 101.0

76 44.2 39.8 59.8

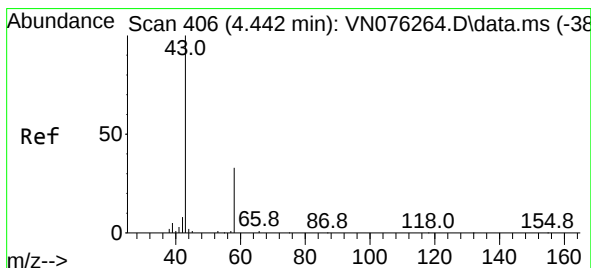
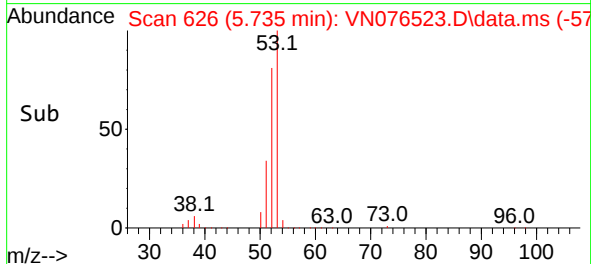
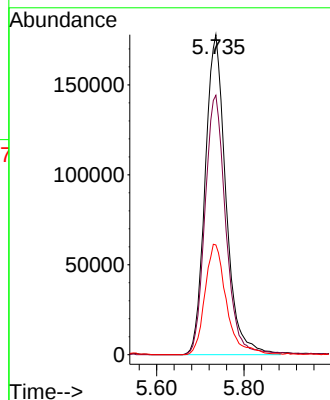
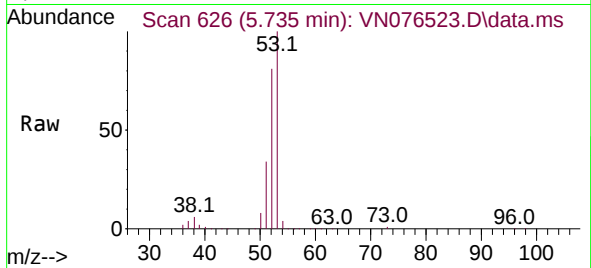




#15
Acrylonitrile
Concen: 279.929 ug/l
RT: 5.735 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

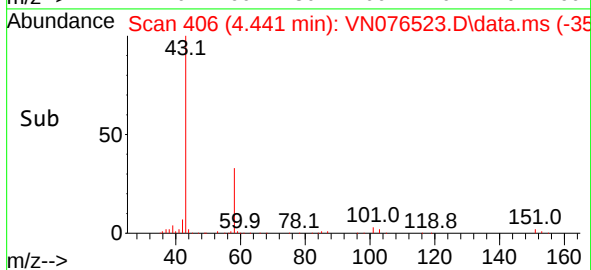
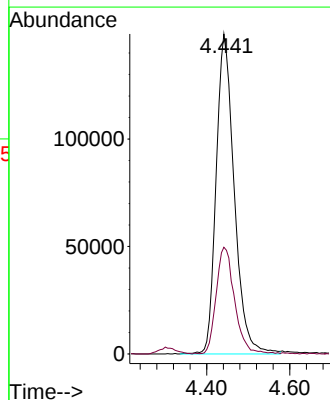
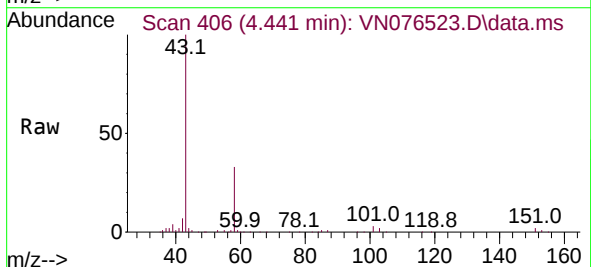
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

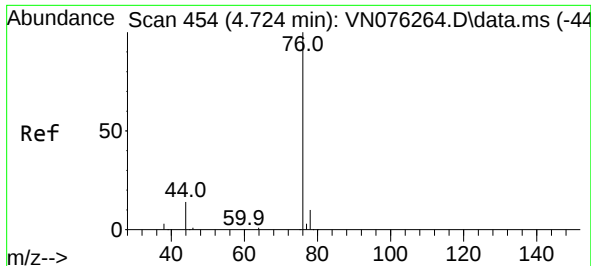
Tgt Ion: 53 Resp: 585671
Ion Ratio Lower Upper
53 100
52 81.6 64.7 97.1
51 36.0 29.2 43.8



#16
Acetone
Concen: 255.228 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 43 Resp: 449730
Ion Ratio Lower Upper
43 100
58 33.2 26.7 40.1

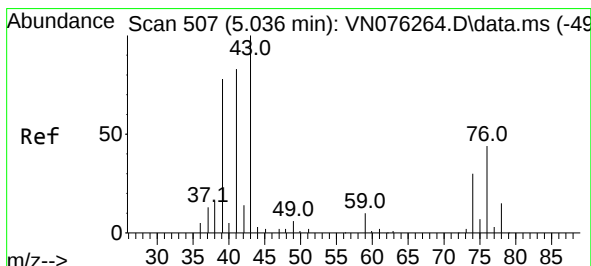
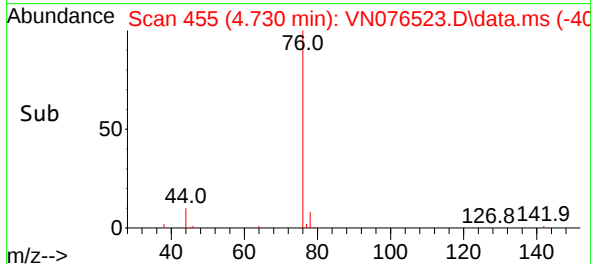
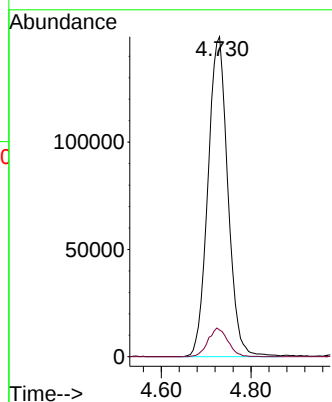
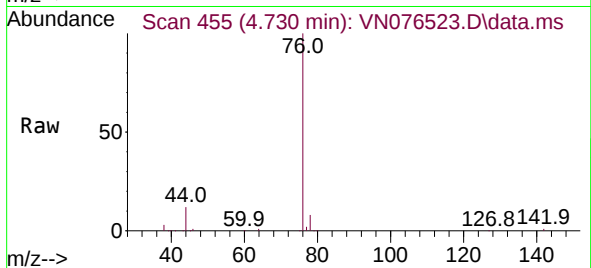




#17
Carbon Disulfide
Concen: 39.199 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

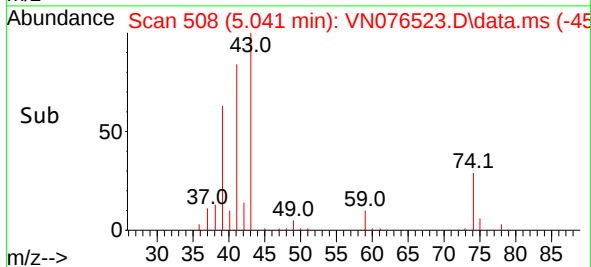
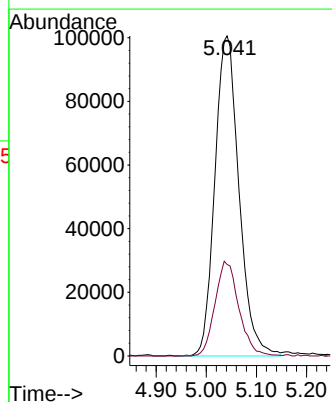
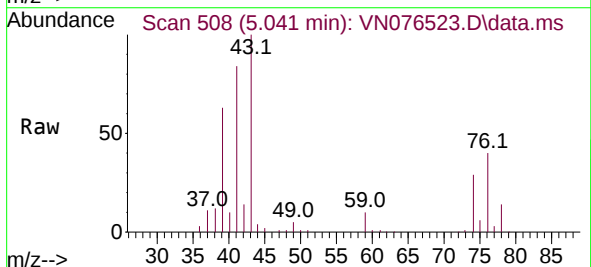
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

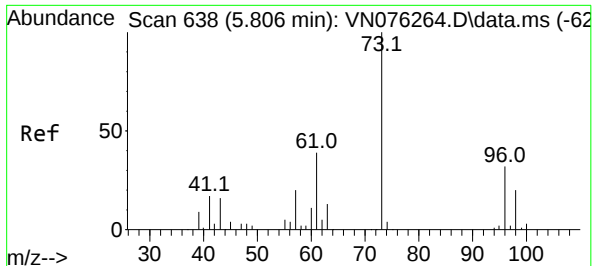
Tgt Ion: 76 Resp: 458943
Ion Ratio Lower Upper
76 100
78 8.4 8.0 12.0



#18
Methyl Acetate
Concen: 56.350 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 43 Resp: 336505
Ion Ratio Lower Upper
43 100
74 29.2 23.3 34.9

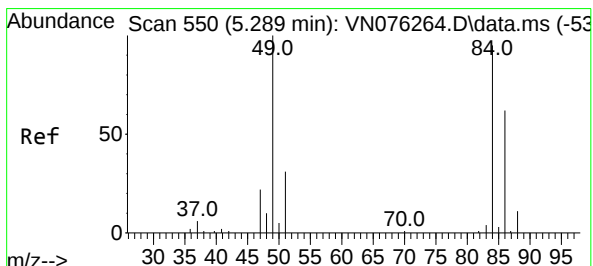
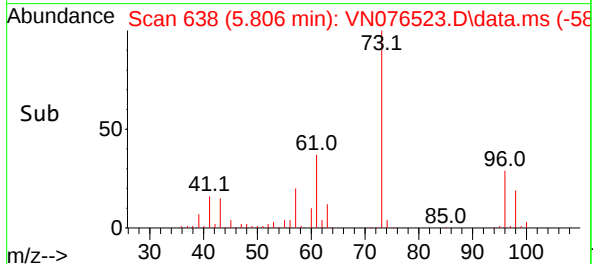
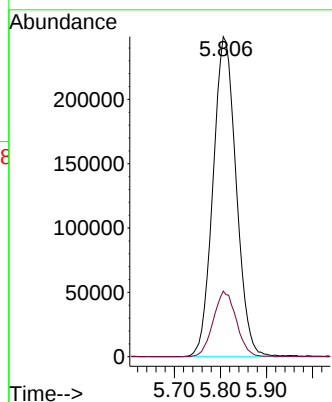
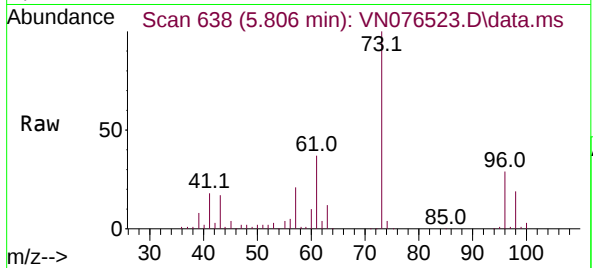




#19
Methyl tert-butyl Ether
Concen: 56.646 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

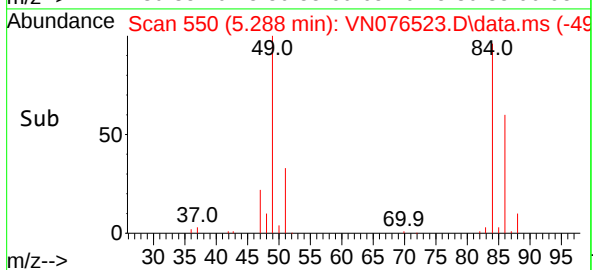
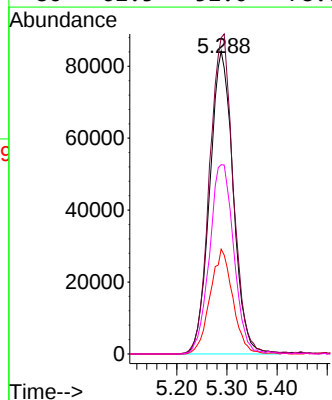
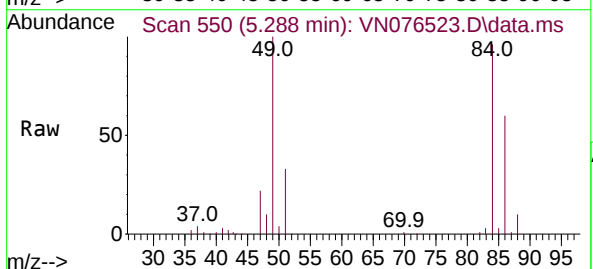
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

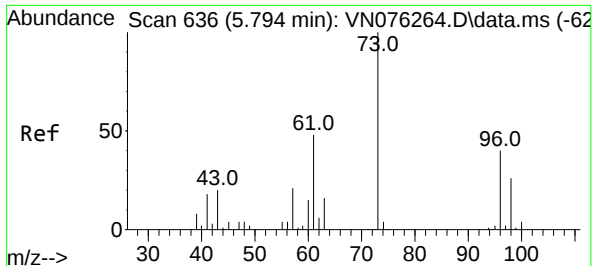
Tgt Ion: 73 Resp: 867129
Ion Ratio Lower Upper
73 100
57 20.5 15.9 23.9



#20
Methylene Chloride
Concen: 52.464 ug/l
RT: 5.288 min Scan# 550
Delta R.T. -0.001 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 84 Resp: 273398
Ion Ratio Lower Upper
84 100
49 104.4 84.5 126.7
51 34.6 26.0 39.0
86 62.5 52.0 78.0

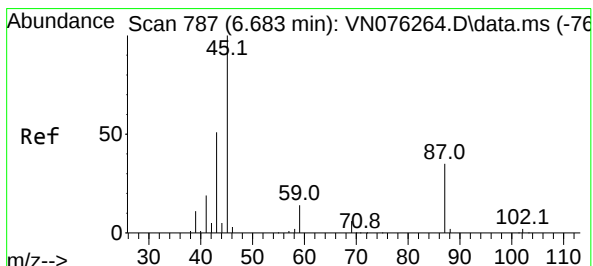
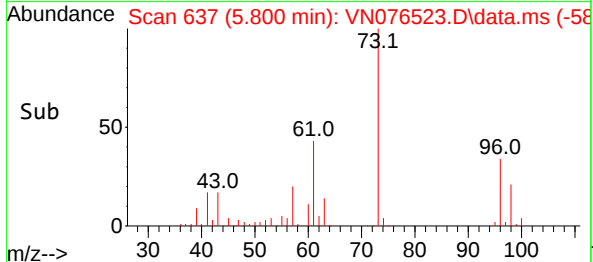
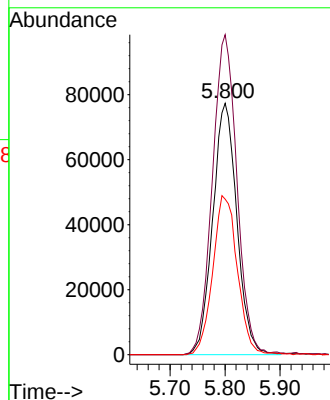
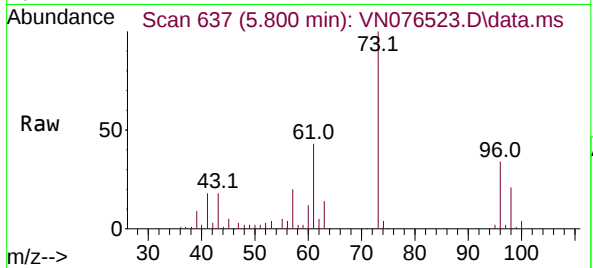




#21
trans-1,2-Dichloroethene
Concen: 46.396 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

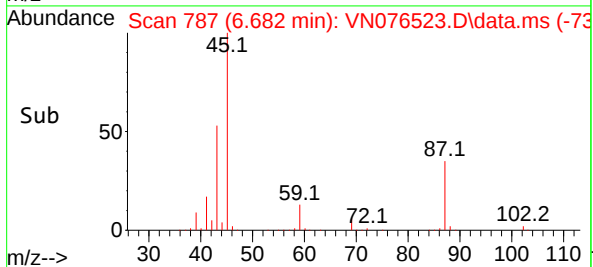
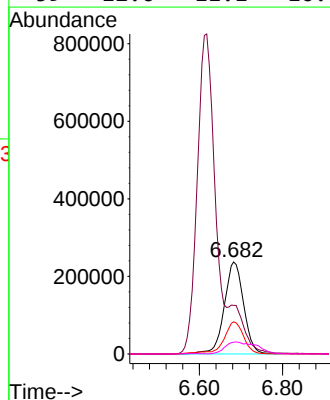
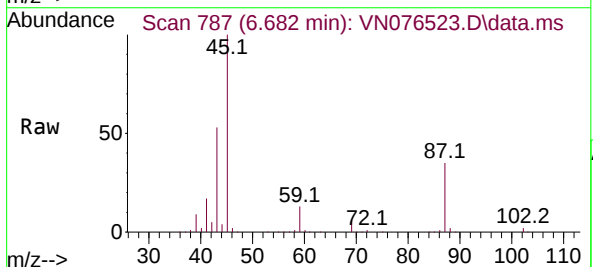
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

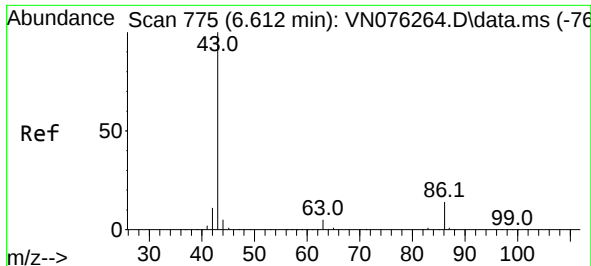
Tgt Ion: 96 Resp: 236339
Ion Ratio Lower Upper
96 100
61 127.3 97.0 145.4
98 61.9 51.9 77.9



#22
Diisopropyl ether
Concen: 59.182 ug/l
RT: 6.682 min Scan# 787
Delta R.T. -0.001 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 45 Resp: 764764
Ion Ratio Lower Upper
45 100
43 51.8 44.4 66.6
87 34.7 28.4 42.6
59 12.6 11.1 16.7

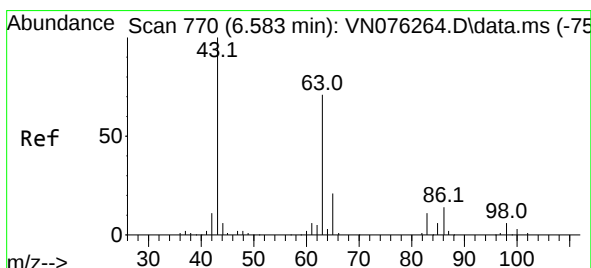
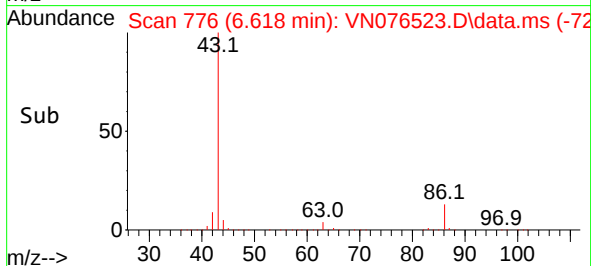
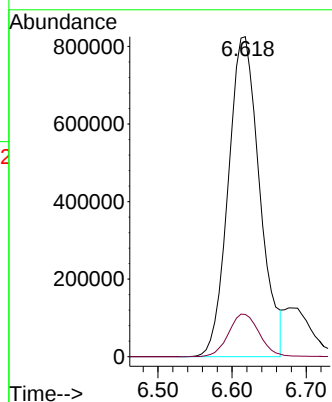
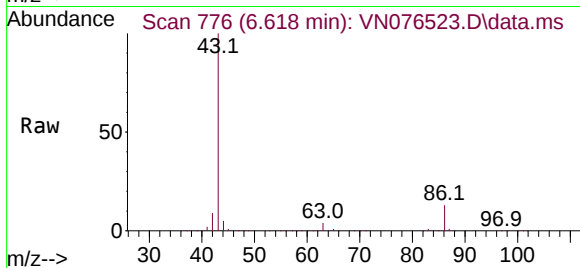




#23
 Vinyl Acetate
 Concen: 290.494 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076523.D
 Acq: 02 Feb 2023 20:28

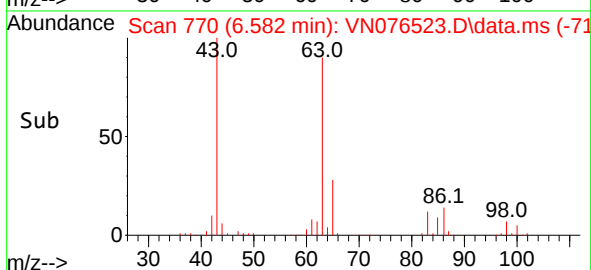
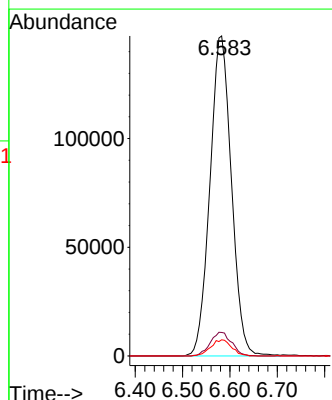
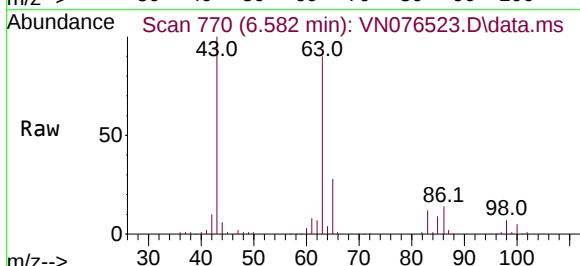
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

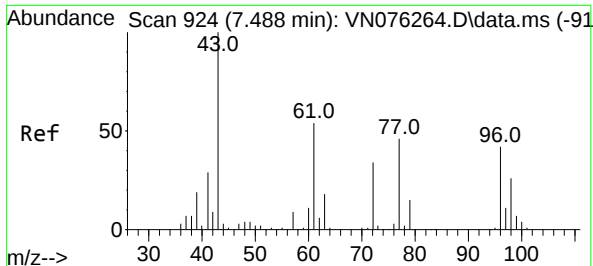
Tgt Ion: 43 Resp: 2426067
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 53.826 ug/l
 RT: 6.582 min Scan# 770
 Delta R.T. -0.001 min
 Lab File: VN076523.D
 Acq: 02 Feb 2023 20:28

Tgt Ion: 63 Resp: 463636
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 5.1 2.2 6.6





#25

2-Butanone

Concen: 268.137 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

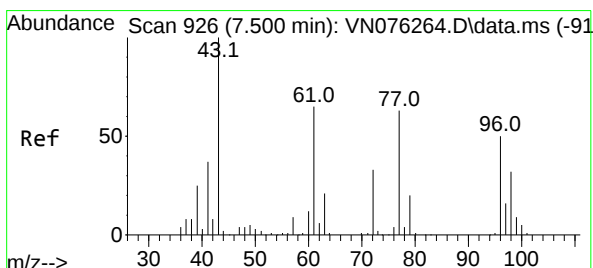
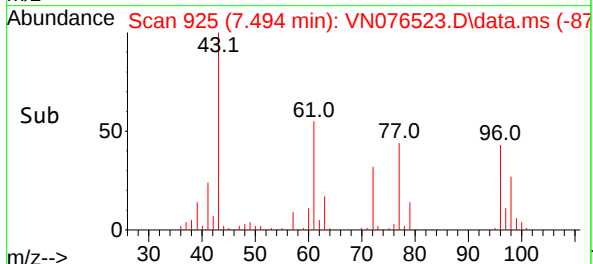
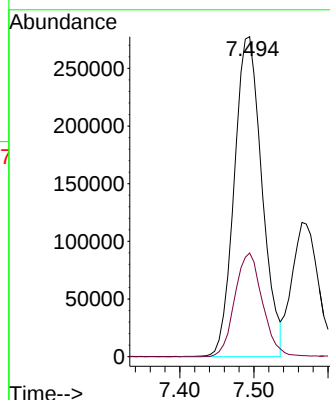
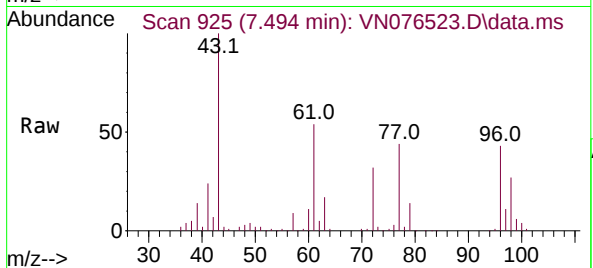
VSTDCCC050EC

Tgt Ion: 43 Resp: 721618

Ion Ratio Lower Upper

43 100

72 32.4 27.4 41.2



#26

2,2-Dichloropropane

Concen: 47.810 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN076523.D

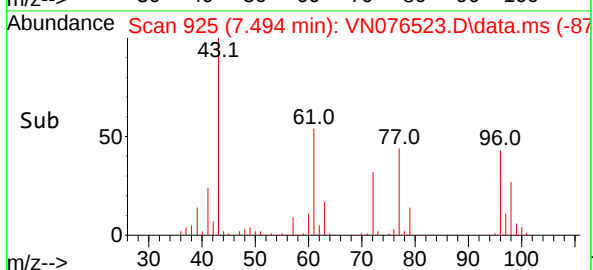
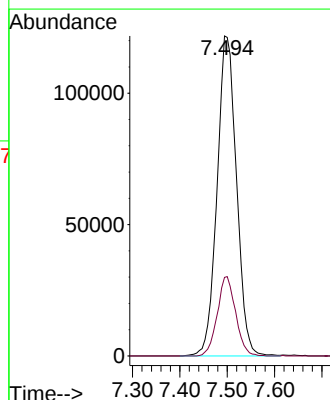
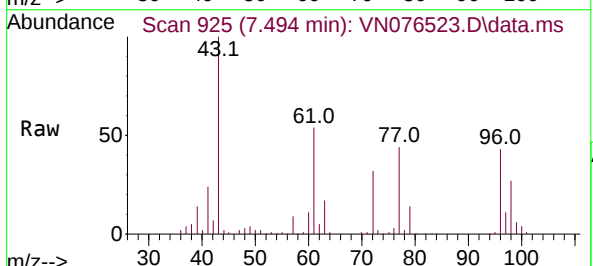
Acq: 02 Feb 2023 20:28

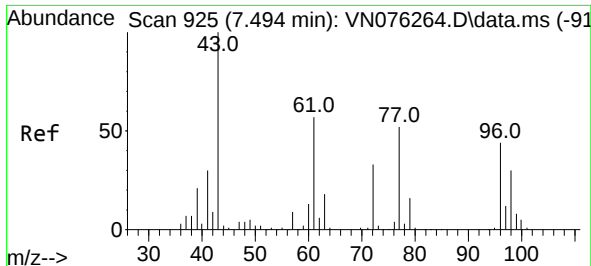
Tgt Ion: 77 Resp: 347087

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 51.120 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

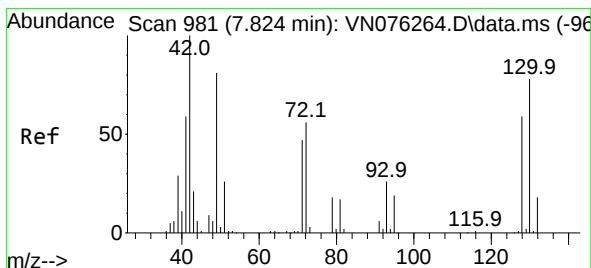
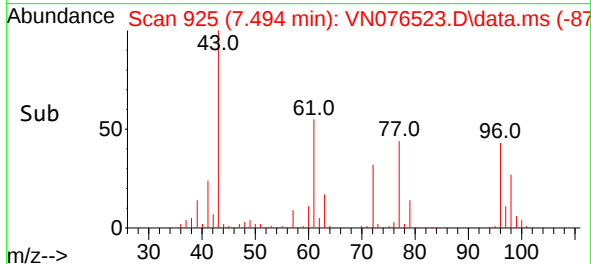
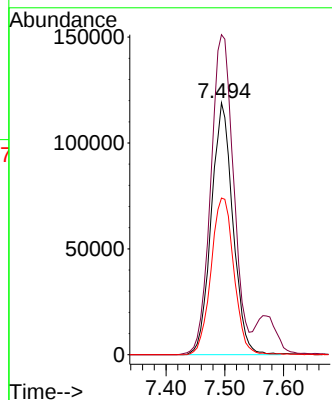
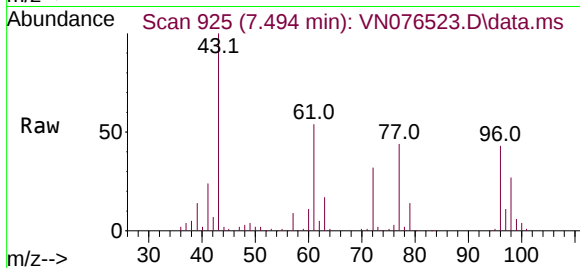
Tgt Ion: 96 Resp: 303717

Ion Ratio Lower Upper

96 100

61 133.5 0.0 259.6

98 65.9 0.0 129.4



#28

Bromochloromethane

Concen: 58.802 ug/l

RT: 7.824 min Scan# 981

Delta R.T. -0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

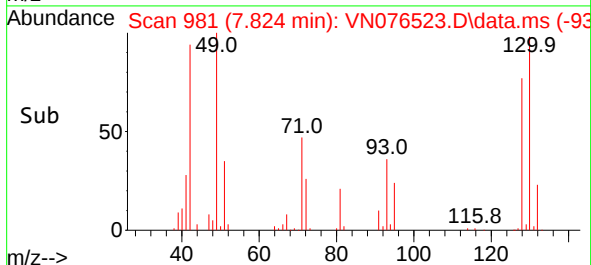
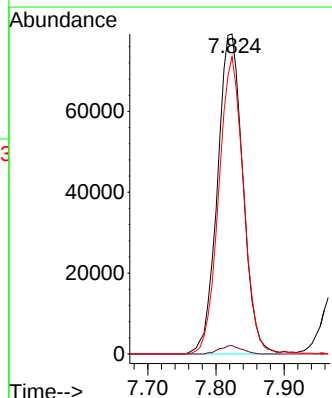
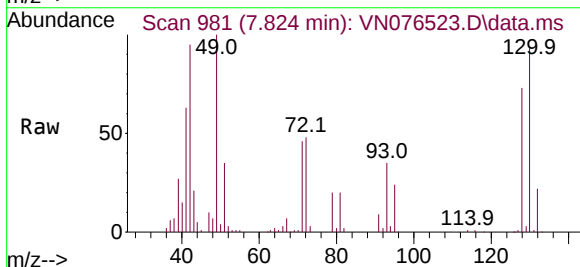
Tgt Ion: 49 Resp: 205295

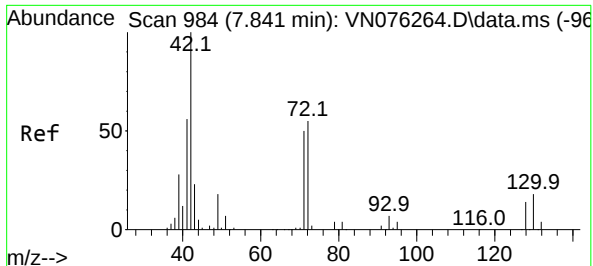
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.2

130 90.1 76.0 114.0





#29

Tetrahydrofuran

Concen: 286.543 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

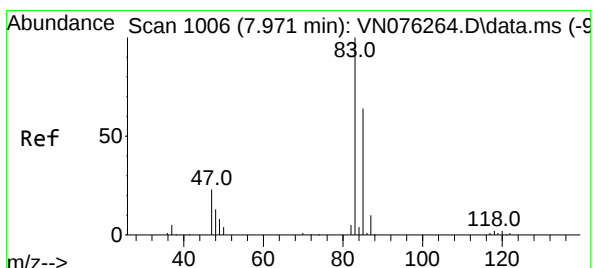
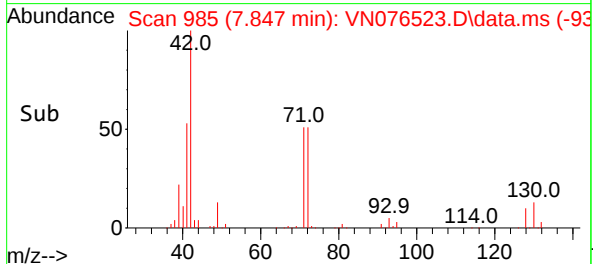
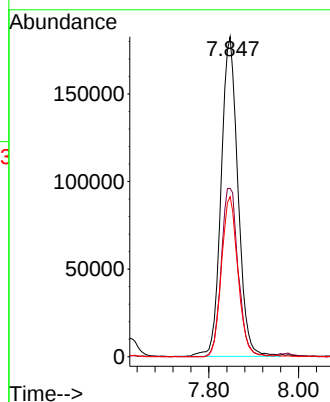
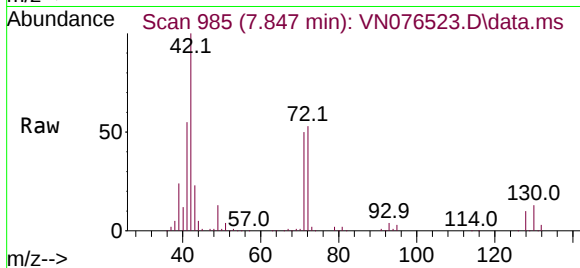
Tgt Ion: 42 Resp: 475943

Ion Ratio Lower Upper

42 100

72 53.0 44.0 66.0

71 48.9 41.1 61.7



#30

Chloroform

Concen: 53.847 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076523.D

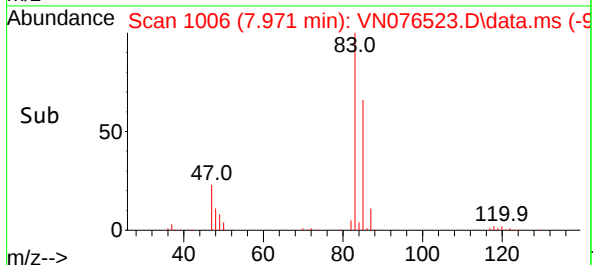
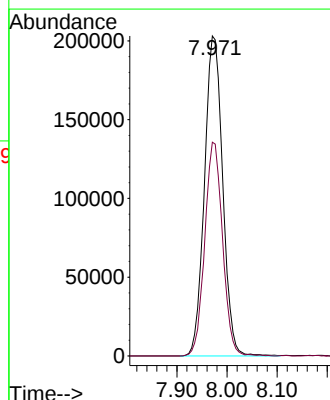
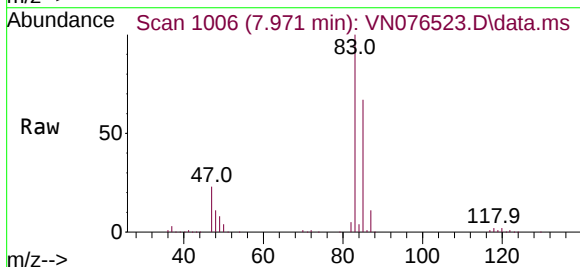
Acq: 02 Feb 2023 20:28

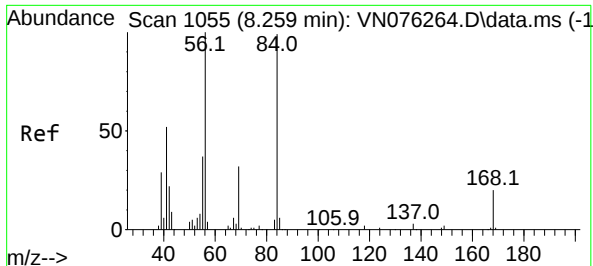
Tgt Ion: 83 Resp: 513215

Ion Ratio Lower Upper

83 100

85 66.8 51.0 76.6

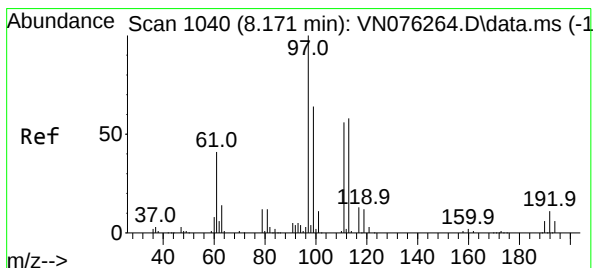
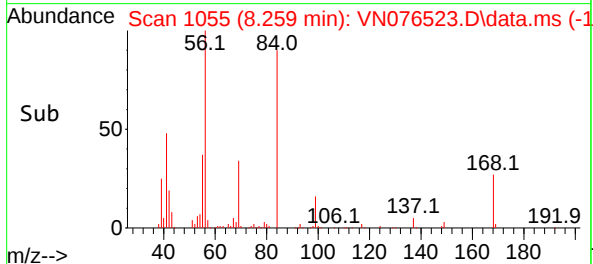
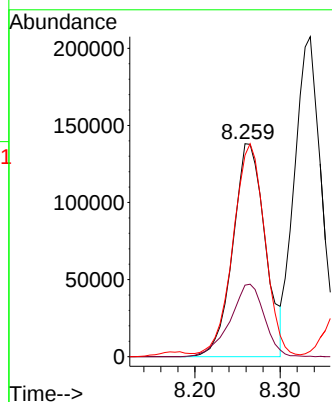
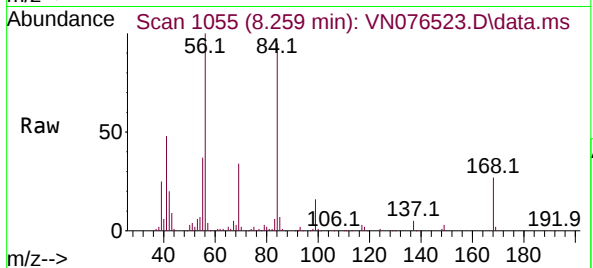




#31
Cyclohexane
Concen: 42.927 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

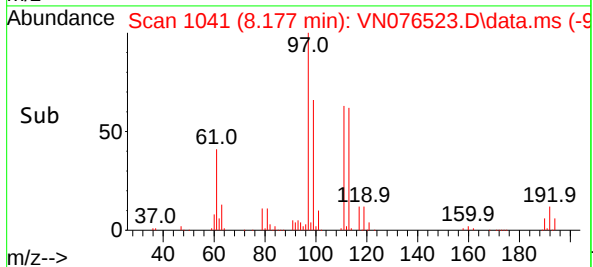
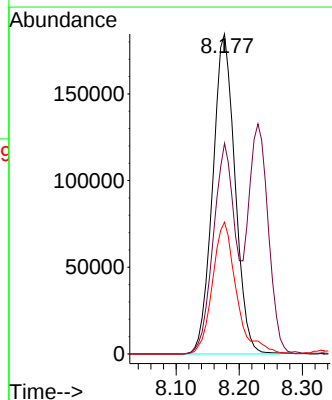
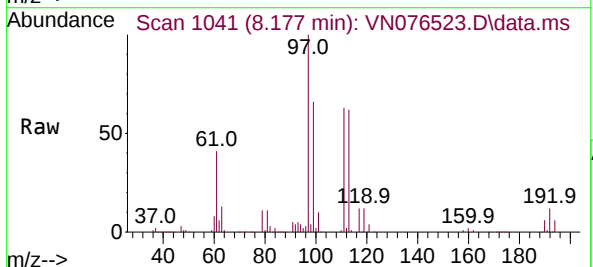
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

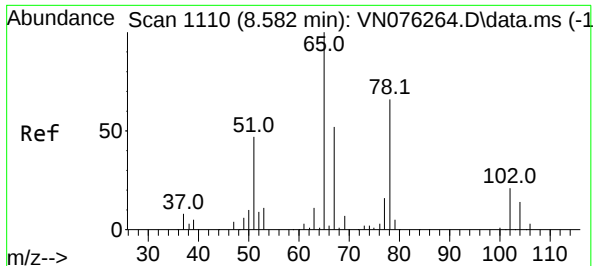
Tgt Ion: 56 Resp: 362466
Ion Ratio Lower Upper
56 100
69 33.6 25.8 38.8
84 92.3 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 52.117 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 97 Resp: 453510
Ion Ratio Lower Upper
97 100
99 66.9 55.0 82.4
61 44.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 58.103 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

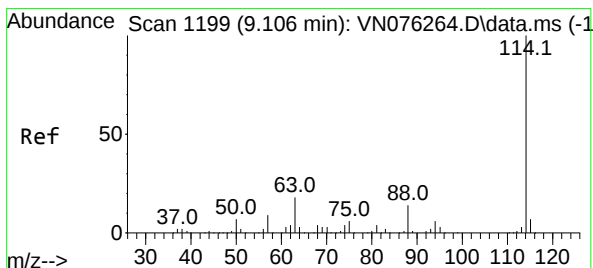
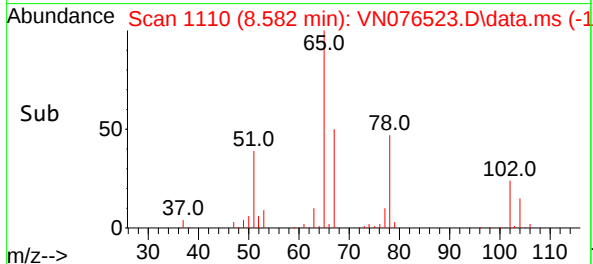
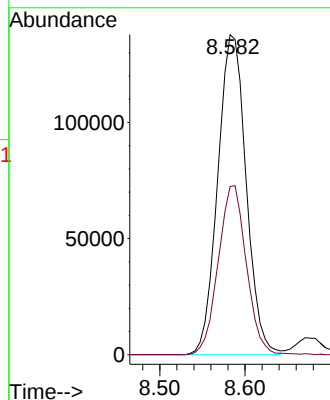
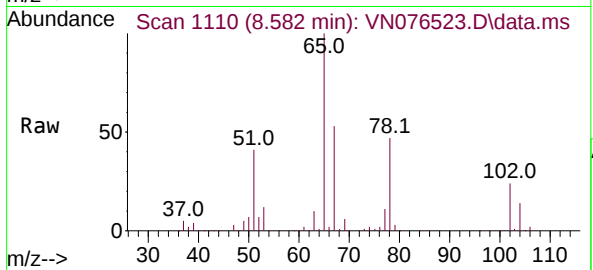
VSTDCCC050EC

Tgt Ion: 65 Resp: 319375

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

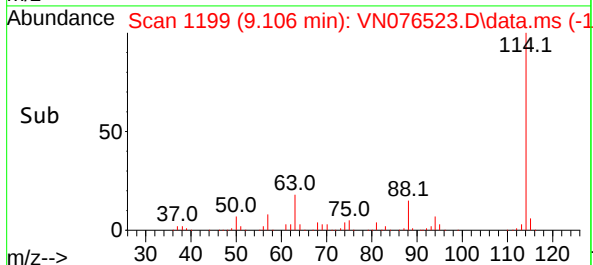
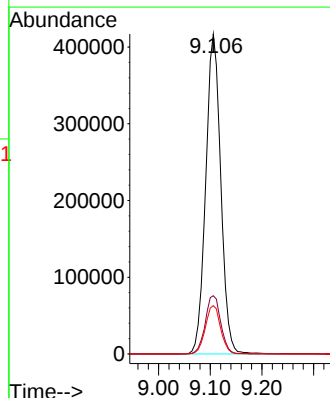
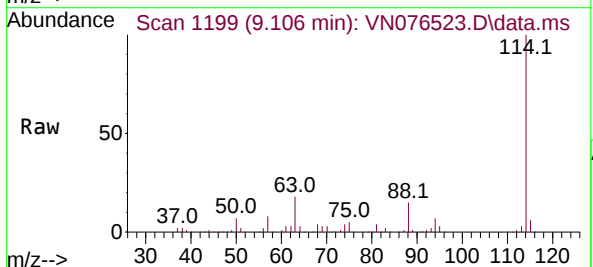
Tgt Ion: 114 Resp: 842768

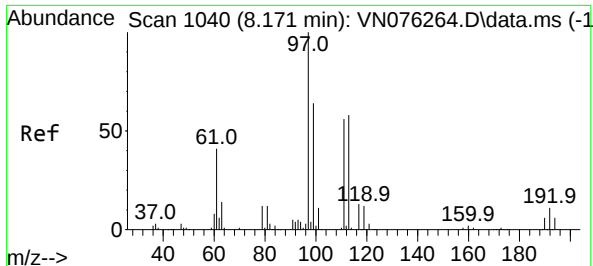
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.8

88 15.1 0.0 28.0





#35

Dibromofluoromethane

Concen: 52.685 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

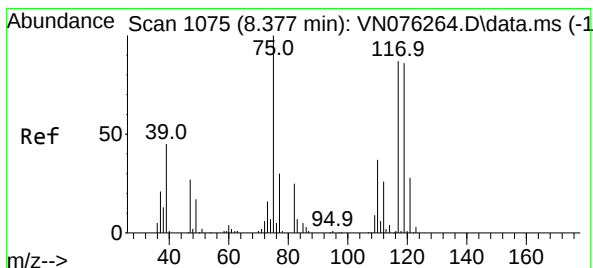
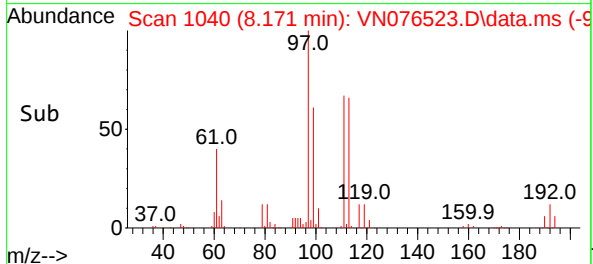
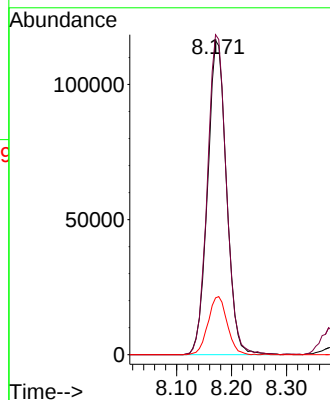
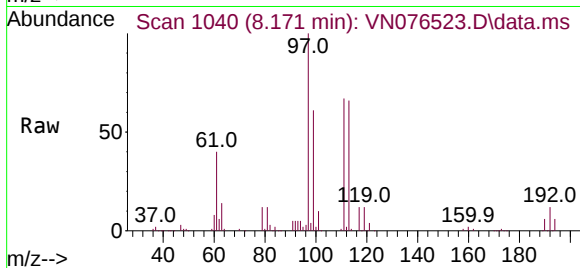
Tgt Ion:113 Resp: 277750

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

192 18.7 15.6 23.4



#36

1,1-Dichloropropene

Concen: 44.608 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.001 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

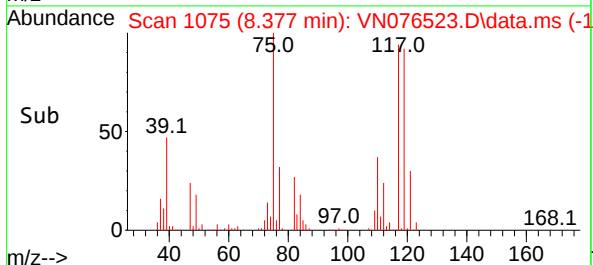
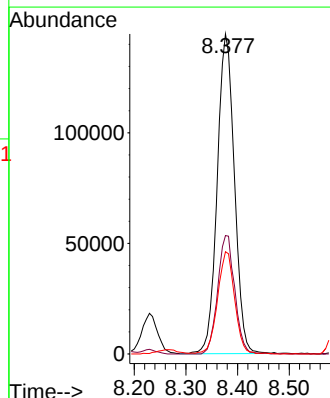
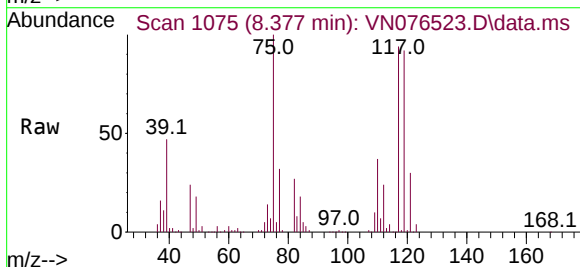
Tgt Ion: 75 Resp: 334171

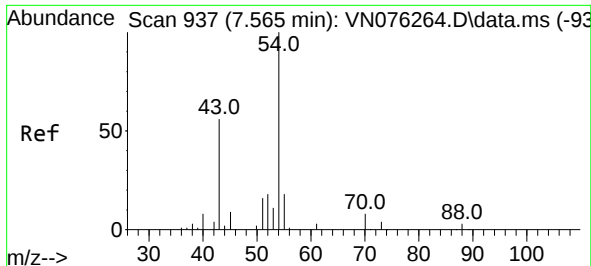
Ion Ratio Lower Upper

75 100

110 36.7 18.8 56.3

77 31.3 25.0 37.4

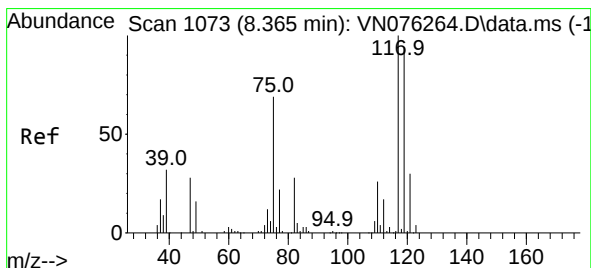
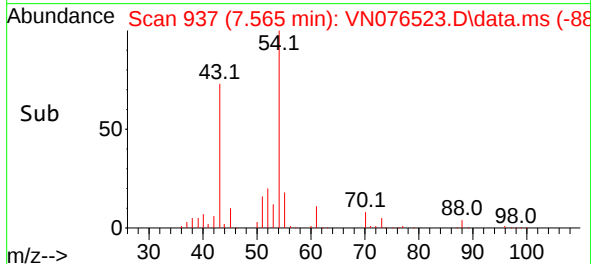
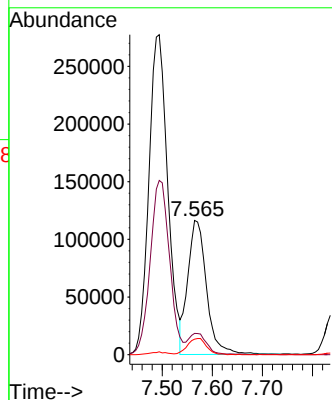
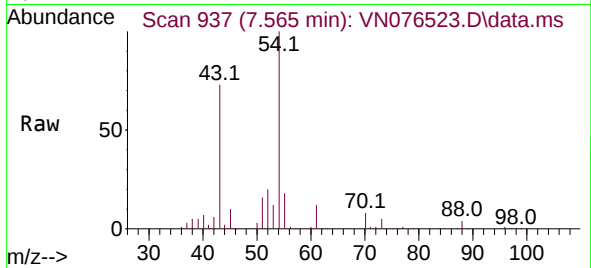




#37
Ethyl Acetate
Concen: 50.323 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

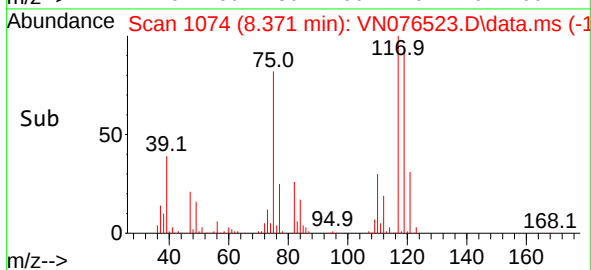
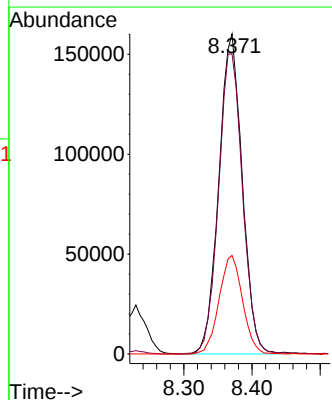
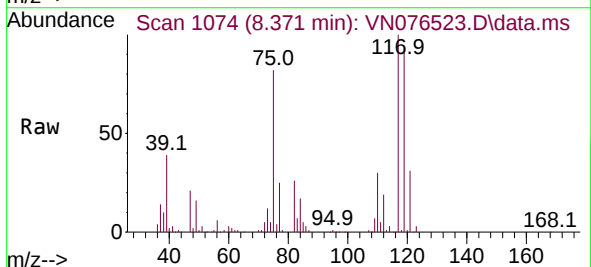
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

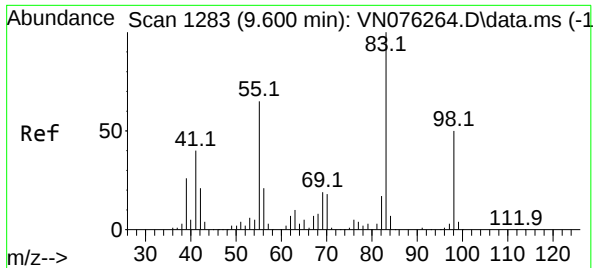
Tgt Ion: 43 Resp: 302375
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 12.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 45.845 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 117 Resp: 382979
Ion Ratio Lower Upper
117 100
119 93.7 75.4 113.0
121 30.8 24.2 36.2





#39

Methylcyclohexane

Concen: 43.403 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

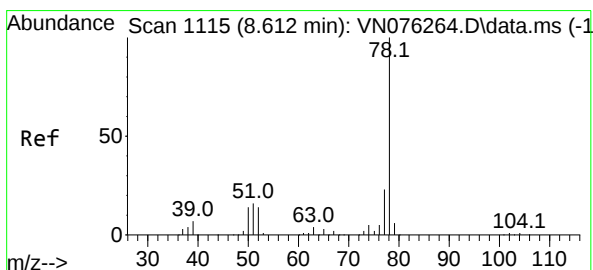
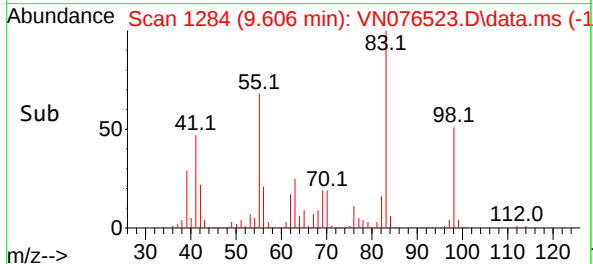
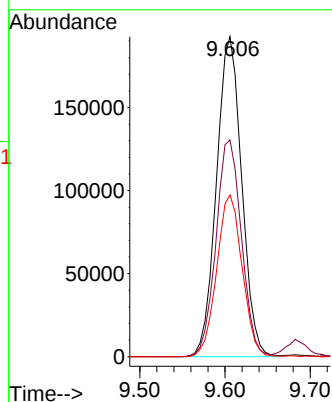
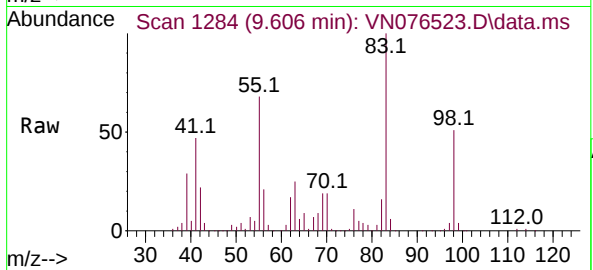
Tgt Ion: 83 Resp: 397055

Ion Ratio Lower Upper

83 100

55 67.7 51.7 77.5

98 50.5 40.0 60.0



#40

Benzene

Concen: 47.740 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076523.D

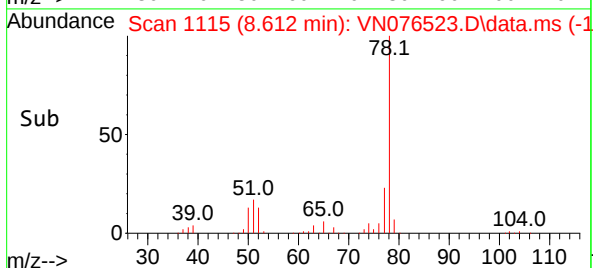
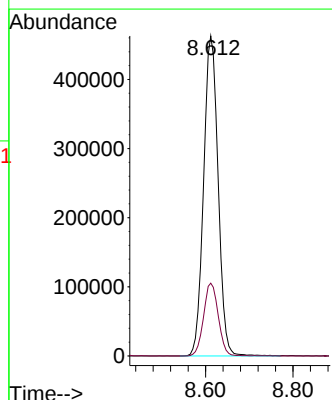
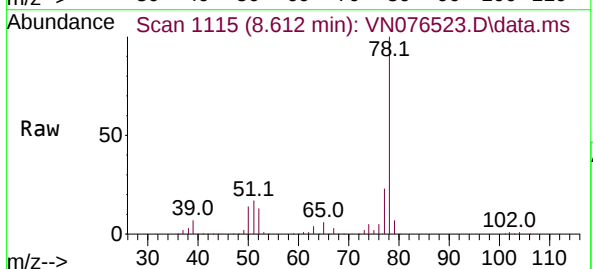
Acq: 02 Feb 2023 20:28

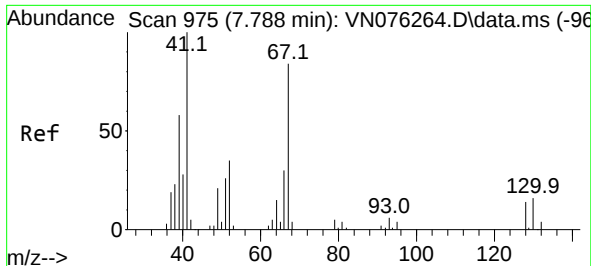
Tgt Ion: 78 Resp: 1069380

Ion Ratio Lower Upper

78 100

77 22.8 18.6 28.0



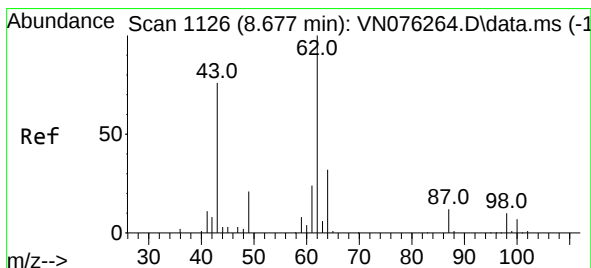
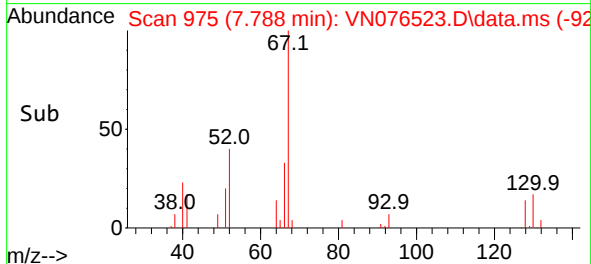
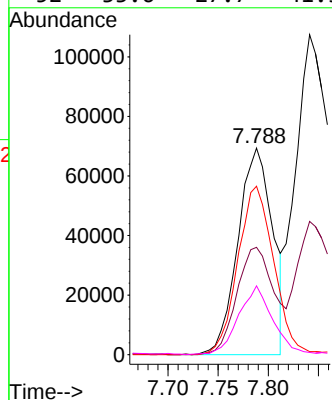
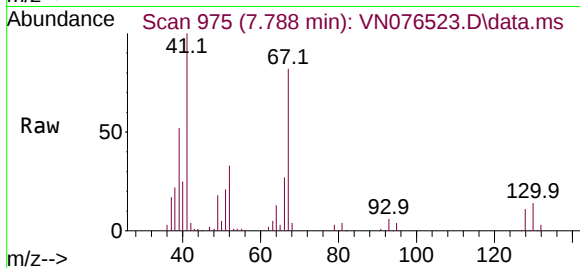


#41
Methacrylonitrile
Concen: 52.988 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 166705

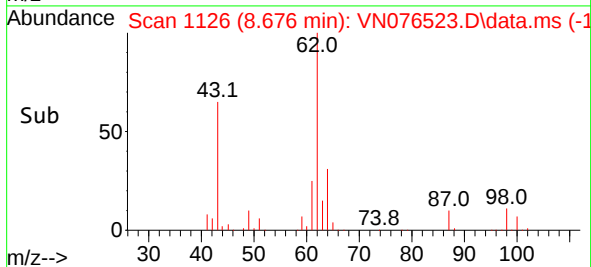
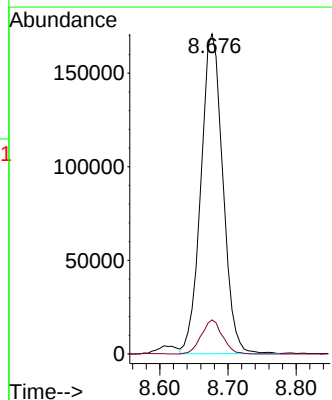
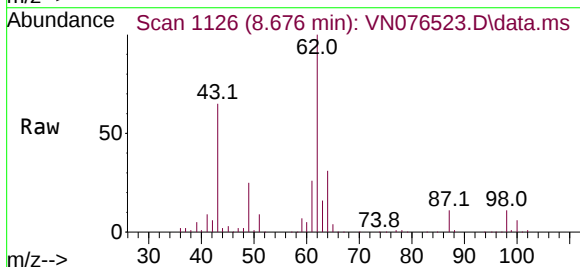
Ion	Ratio	Lower	Upper
41	100		
39	56.9	42.4	63.6
67	85.3	68.8	103.2
52	33.6	27.7	41.5

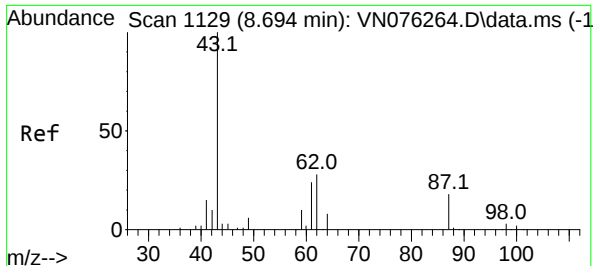


#42
1,2-Dichloroethane
Concen: 49.966 ug/l
RT: 8.676 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 62 Resp: 382942

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4

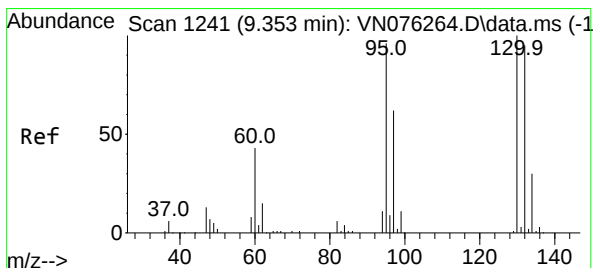
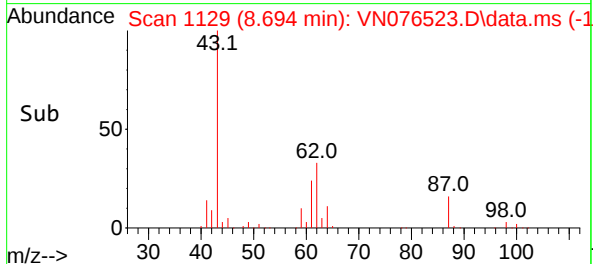
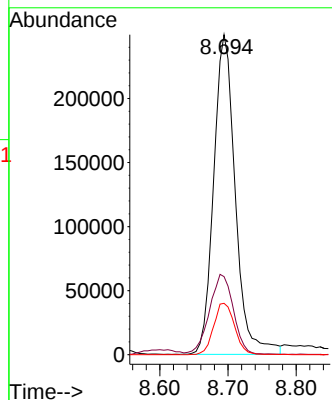
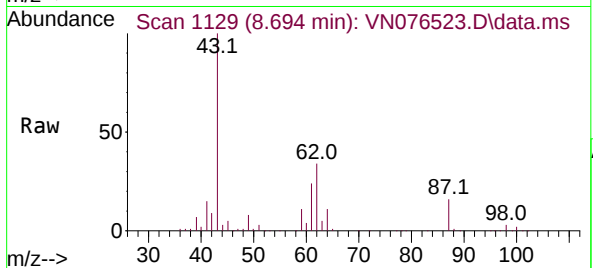




#43
Isopropyl Acetate
Concen: 56.475 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

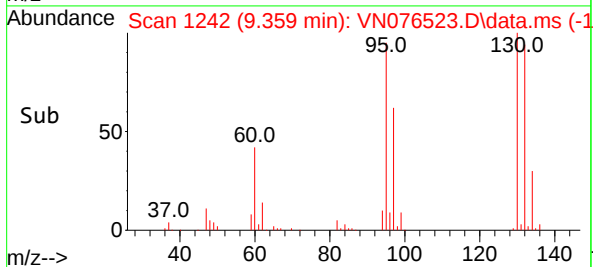
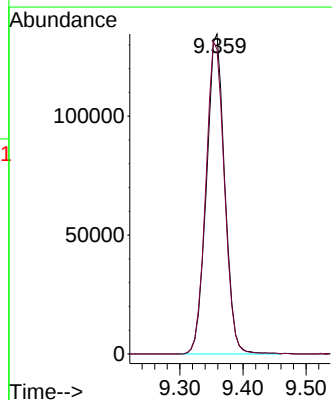
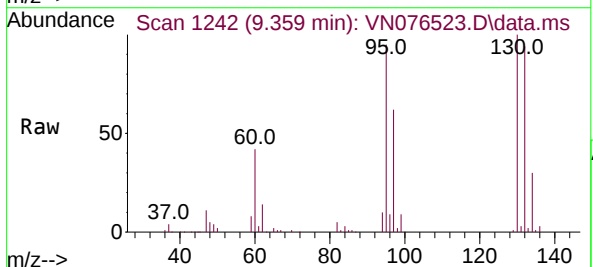
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

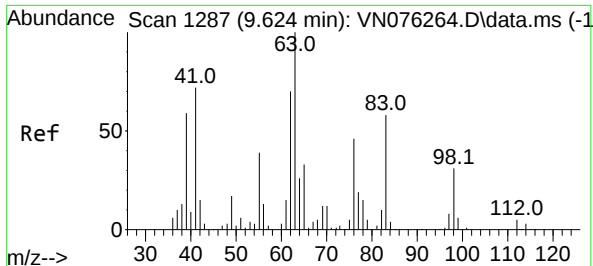
Tgt Ion: 43 Resp: 552033
Ion Ratio Lower Upper
43 100
61 27.8 23.5 35.3
87 15.6 13.8 20.6



#44
Trichloroethene
Concen: 42.643 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion:130 Resp: 270160
Ion Ratio Lower Upper
130 100
95 95.2 0.0 192.0





#45

1,2-Dichloropropane

Concen: 50.342 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.001 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

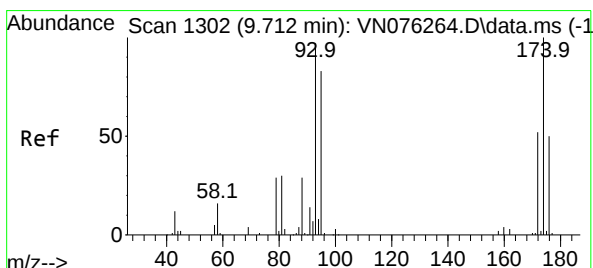
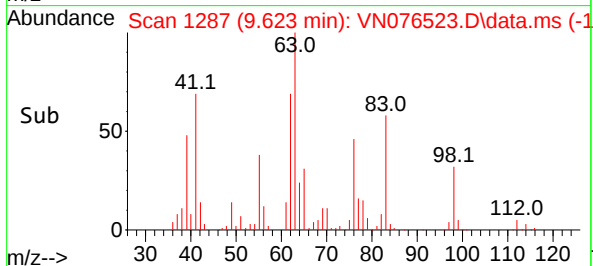
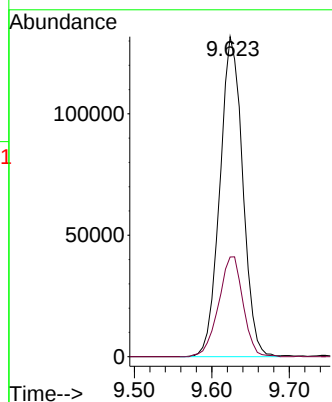
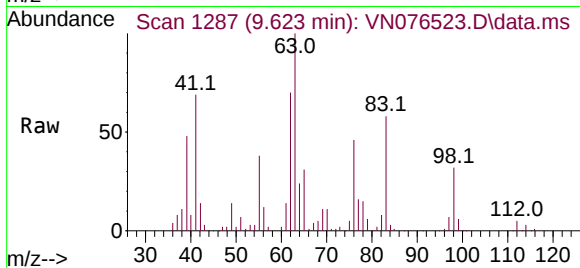
VSTDCCC050EC

Tgt Ion: 63 Resp: 269986

Ion Ratio Lower Upper

63 100

65 31.1 26.4 39.6



#46

Dibromomethane

Concen: 48.734 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

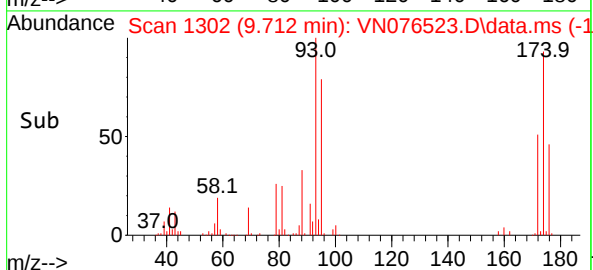
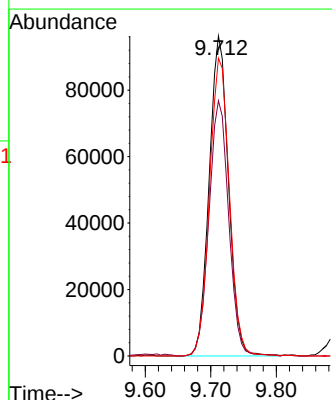
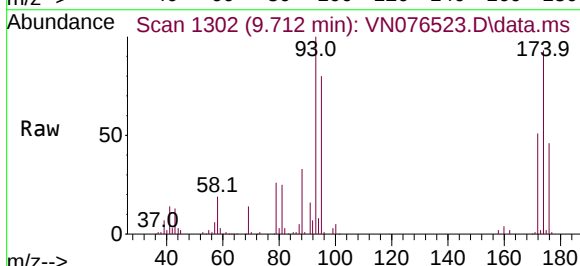
Tgt Ion: 93 Resp: 197332

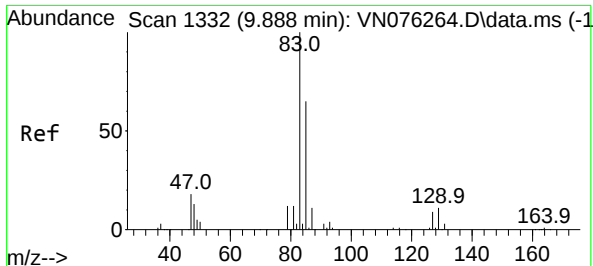
Ion Ratio Lower Upper

93 100

95 81.5 66.0 99.0

174 95.4 81.3 121.9

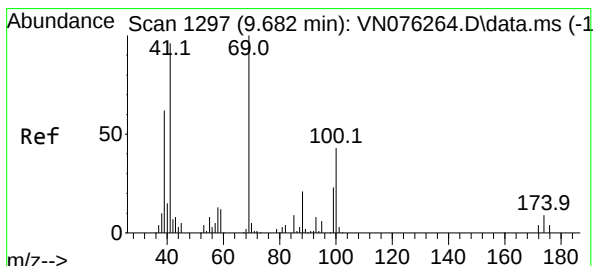
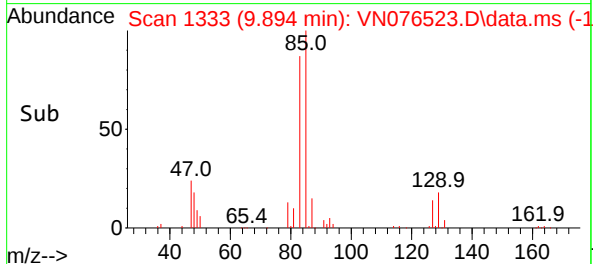
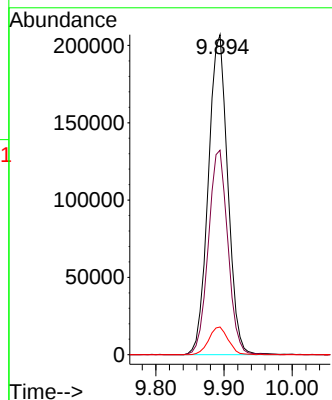
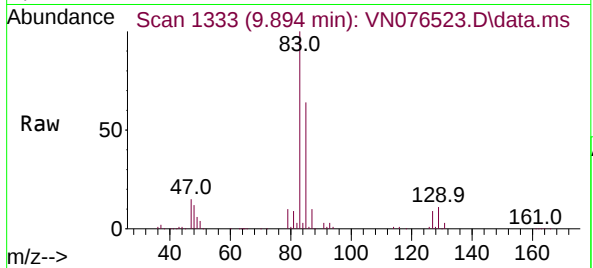




#47
Bromodichloromethane
Concen: 52.294 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

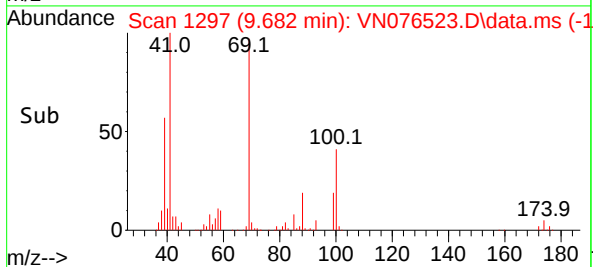
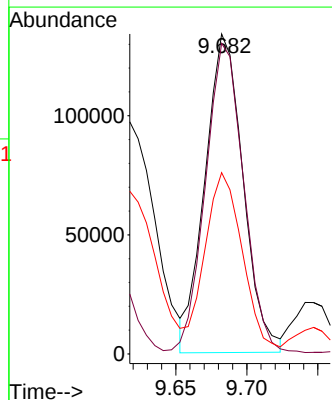
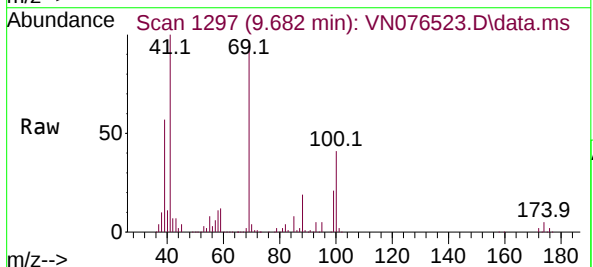
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

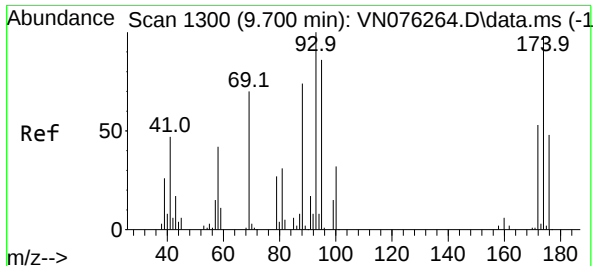
Tgt Ion: 83 Resp: 410686
Ion Ratio Lower Upper
83 100
85 63.9 52.1 78.1
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 53.896 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 41 Resp: 249409
Ion Ratio Lower Upper
41 100
69 97.4 80.8 121.2
39 57.2 54.4 81.6





#49

1,4-Dioxane

Concen: 1097.329 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

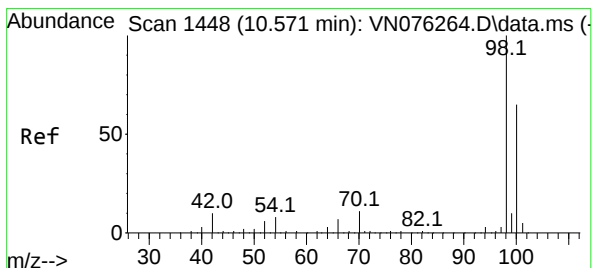
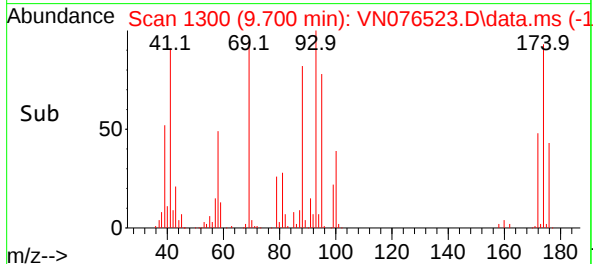
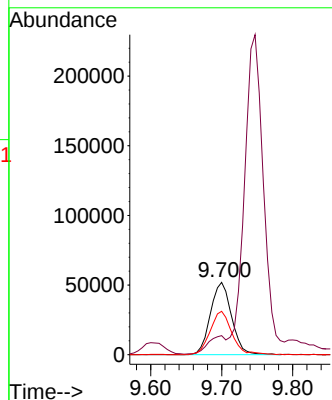
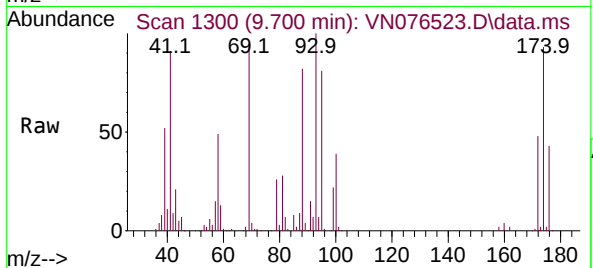
Tgt Ion: 88 Resp: 107148

Ion Ratio Lower Upper

88 100

43 21.7 18.1 27.1

58 61.7 46.5 69.7



#50

Toluene-d8

Concen: 51.175 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN076523.D

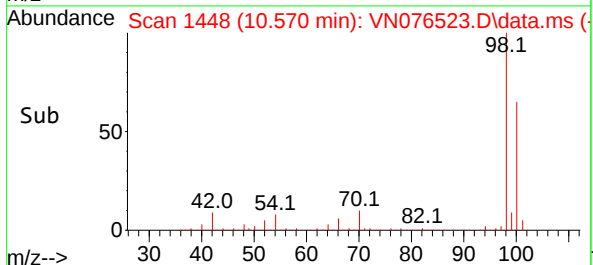
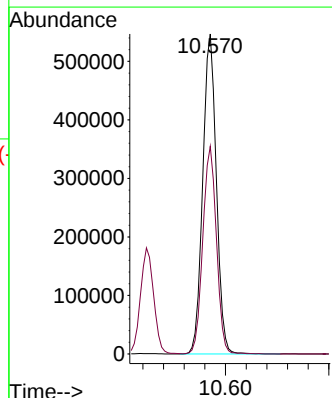
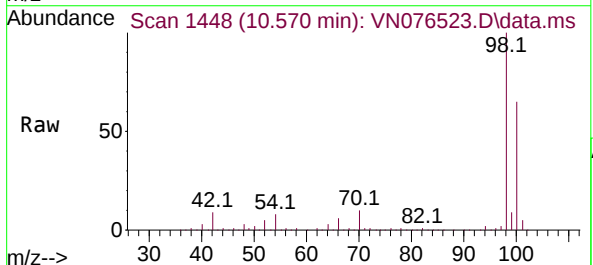
Acq: 02 Feb 2023 20:28

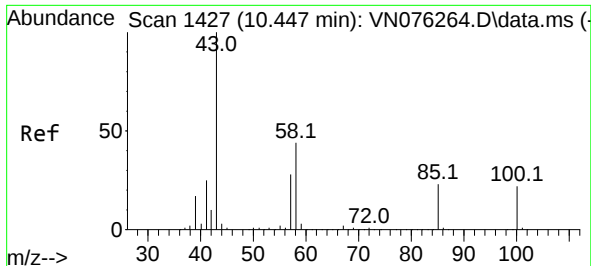
Tgt Ion: 98 Resp: 996351

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4

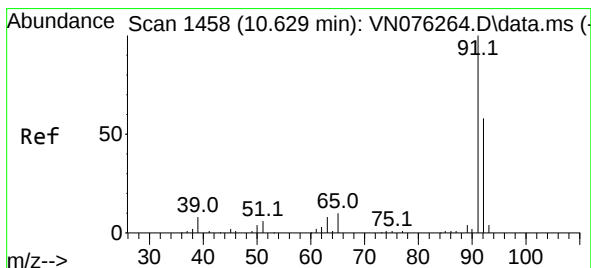
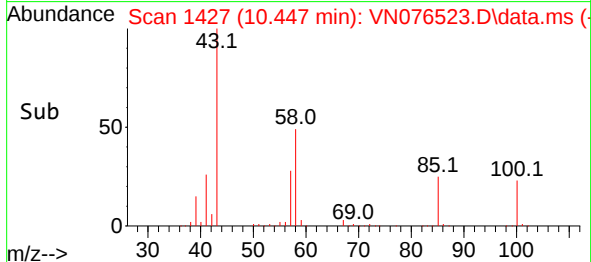
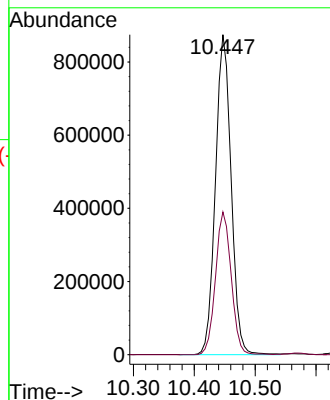
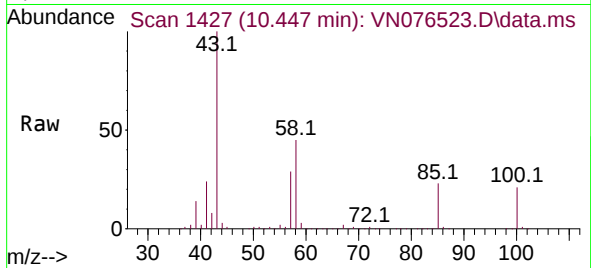




#51
4-Methyl-2-Pentanone
Concen: 271.683 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

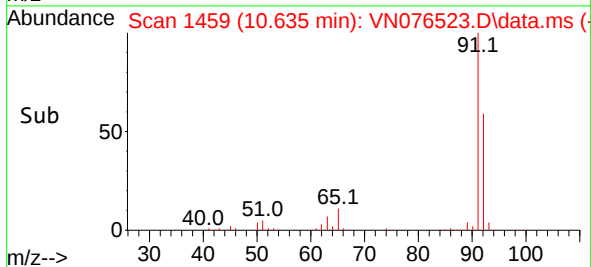
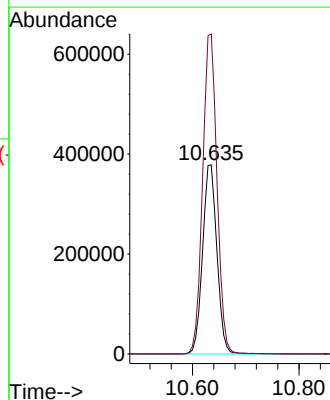
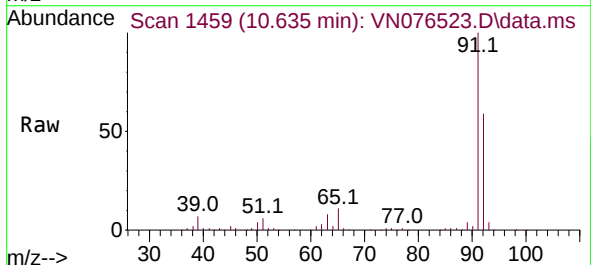
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

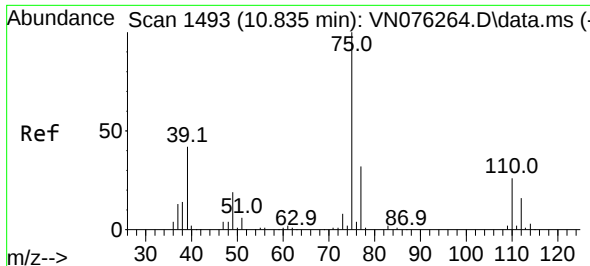
Tgt Ion: 43 Resp: 1558974
Ion Ratio Lower Upper
43 100
58 44.8 35.1 52.7



#52
Toluene
Concen: 47.042 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 92 Resp: 704672
Ion Ratio Lower Upper
92 100
91 170.1 136.6 205.0

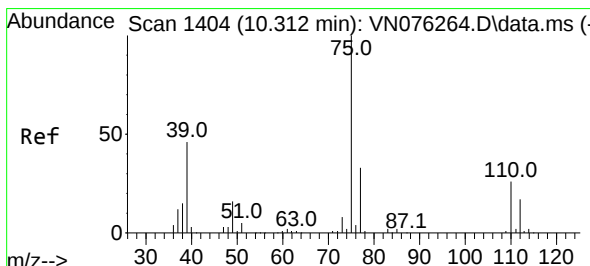
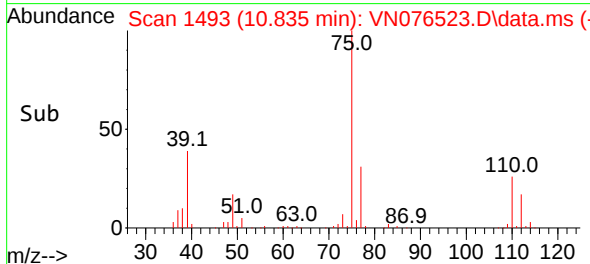
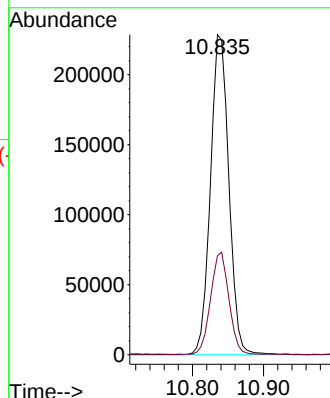
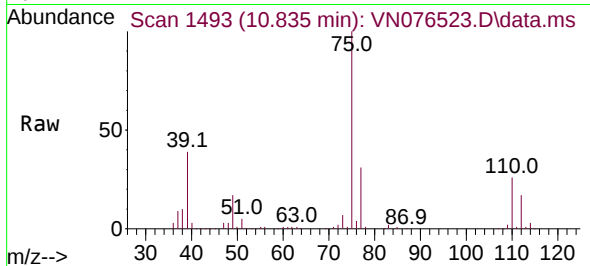




#53
 t-1,3-Dichloropropene
 Concen: 54.917 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076523.D
 Acq: 02 Feb 2023 20:28

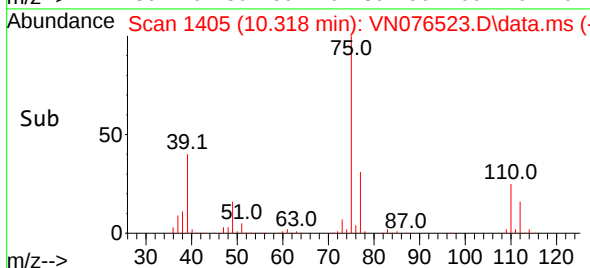
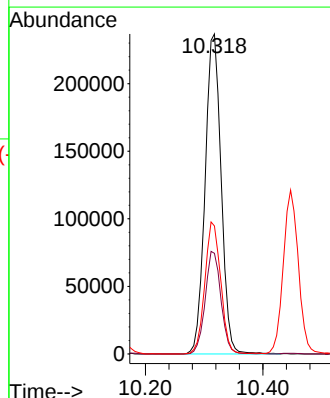
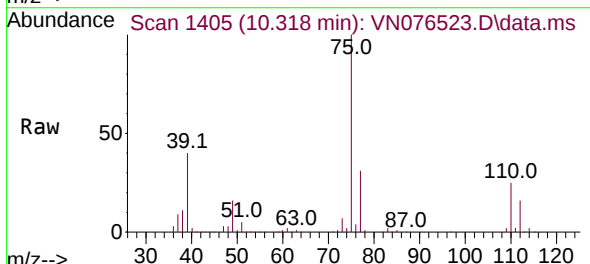
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

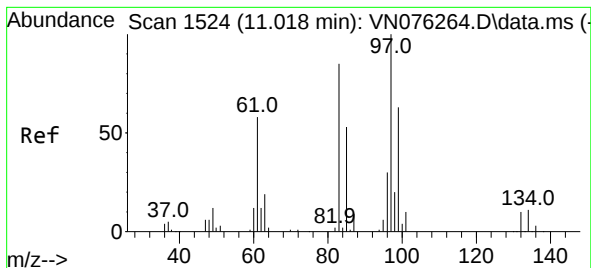
Tgt Ion: 75 Resp: 411134
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.102 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076523.D
 Acq: 02 Feb 2023 20:28

Tgt Ion: 75 Resp: 448749
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.5 39.7
 39 40.0 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 51.196 ug/l

RT: 11.018 min Scan# 1100

Delta R.T. -0.001 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 293137

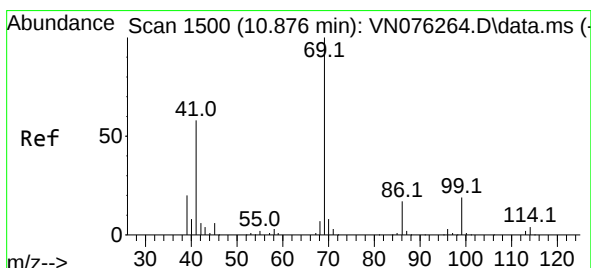
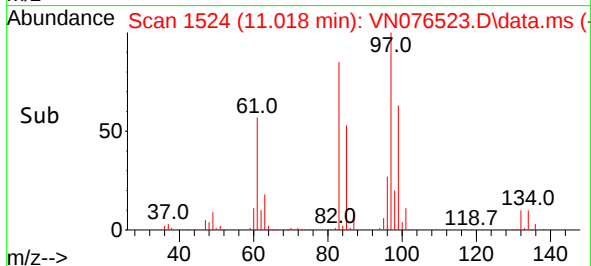
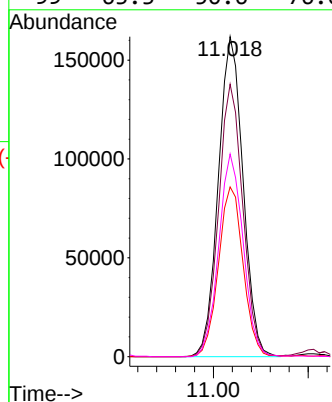
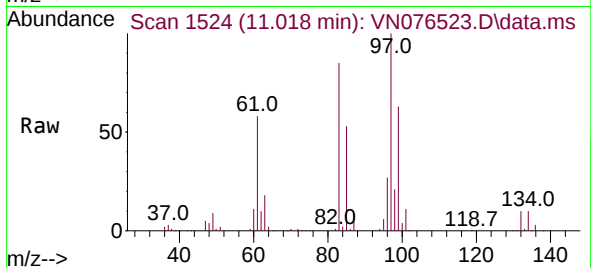
Ion Ratio Lower Upper

97 100

83 85.2 67.8 101.6

85 53.0 42.3 63.5

99 63.3 50.6 76.0



#56

Ethyl methacrylate

Concen: 58.979 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

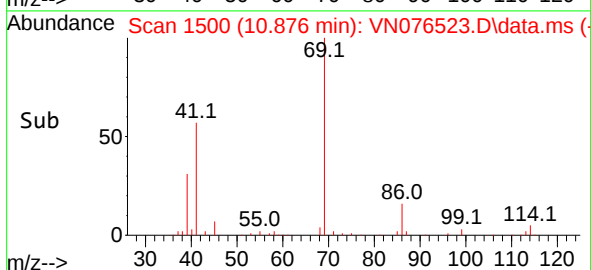
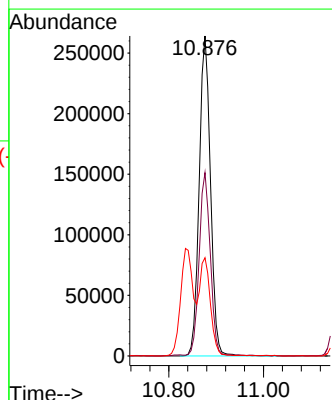
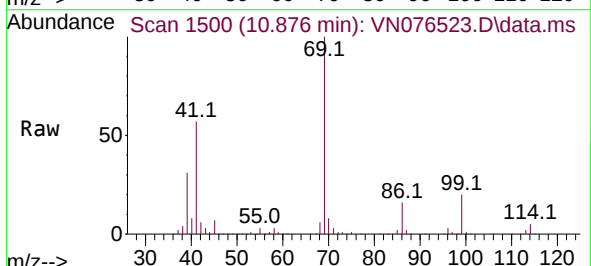
Tgt Ion: 69 Resp: 435979

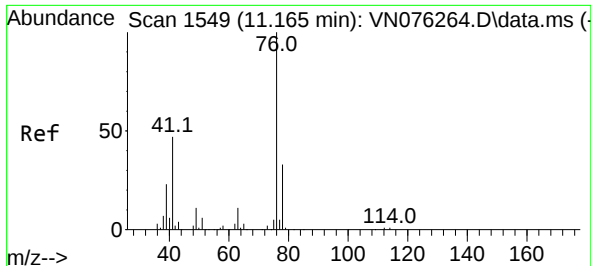
Ion Ratio Lower Upper

69 100

41 56.1 45.3 67.9

39 28.9 29.3 43.9#





#57

1,3-Dichloropropane

Concen: 51.537 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

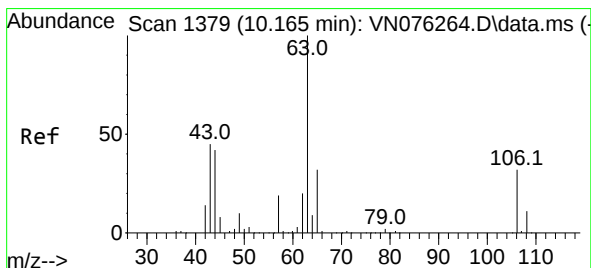
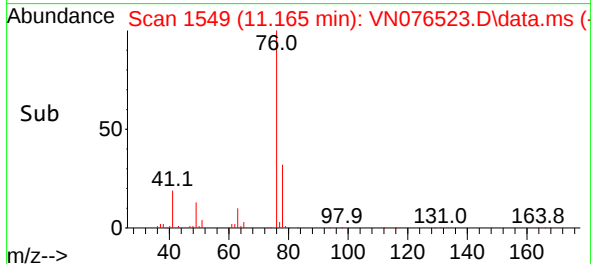
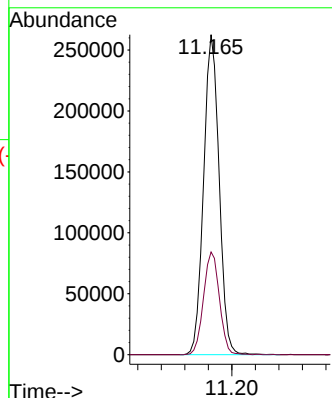
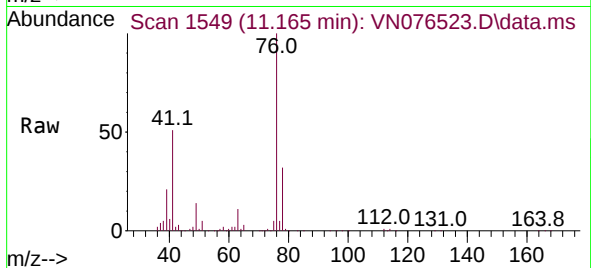
VSTDCCC050EC

Tgt Ion: 76 Resp: 479542

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 270.024 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076523.D

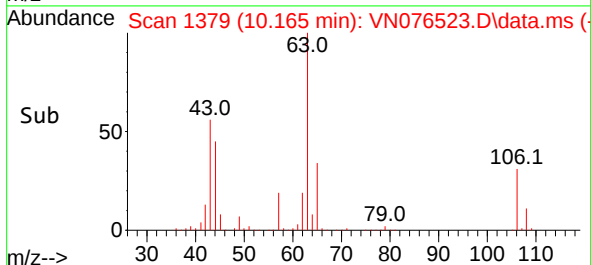
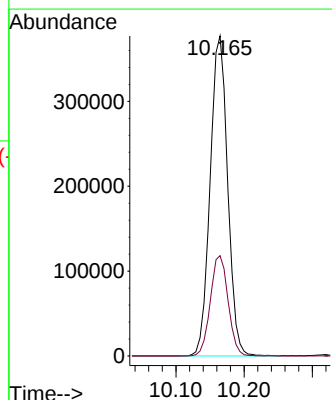
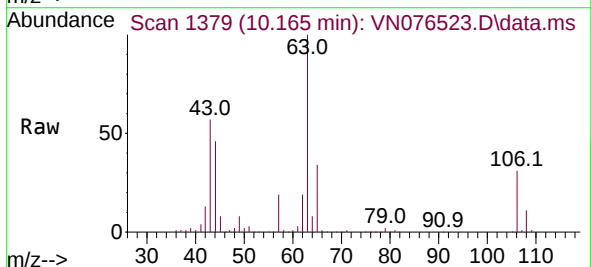
Acq: 02 Feb 2023 20:28

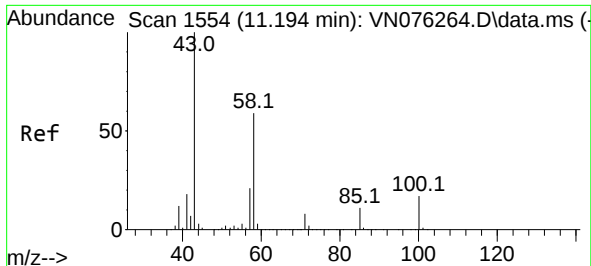
Tgt Ion: 63 Resp: 673844

Ion Ratio Lower Upper

63 100

106 31.7 26.2 39.2

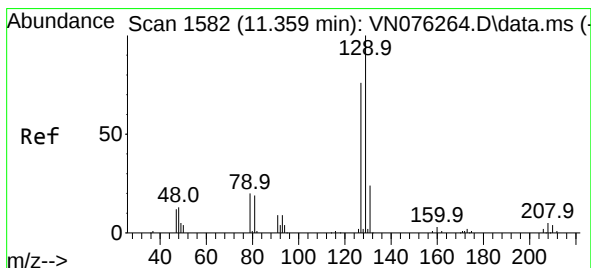
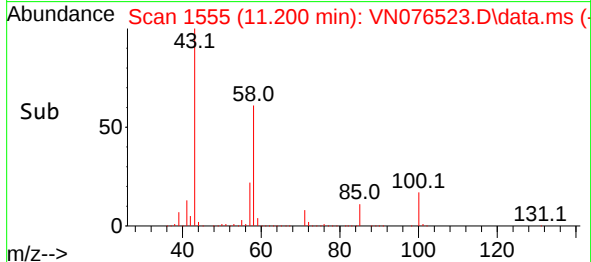
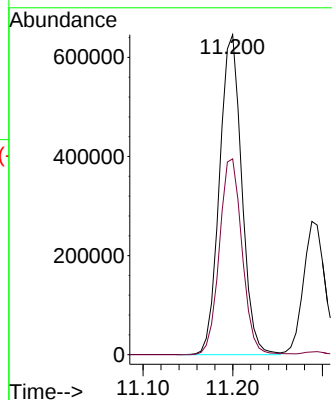
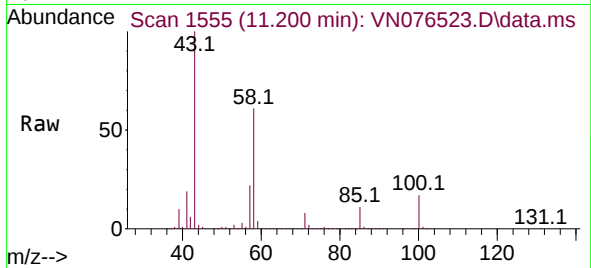




#59
2-Hexanone
Concen: 267.547 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

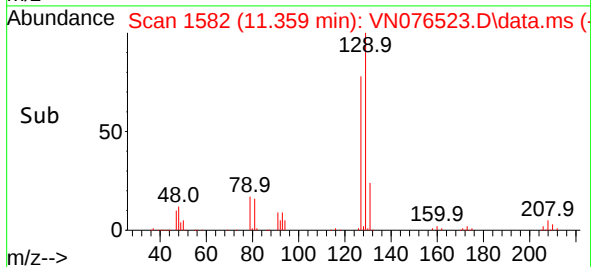
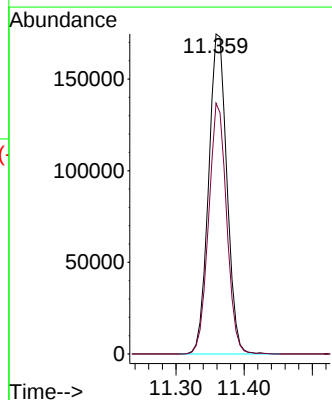
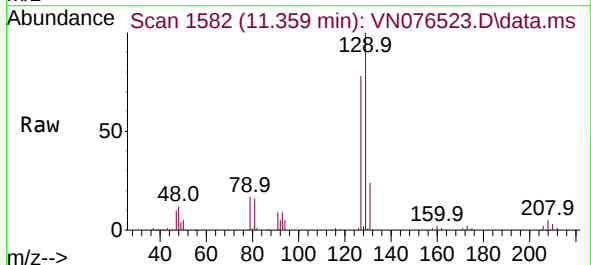
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

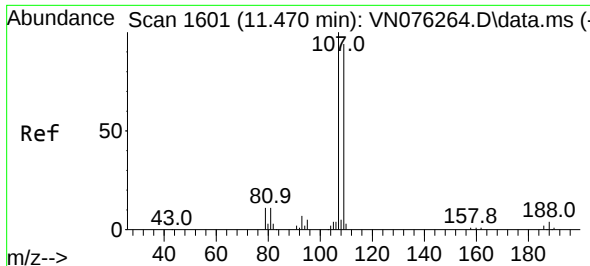
Tgt Ion: 43 Resp: 1112522
Ion Ratio Lower Upper
43 100
58 62.4 30.1 90.3



#60
Dibromochloromethane
Concen: 54.067 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 129 Resp: 325881
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

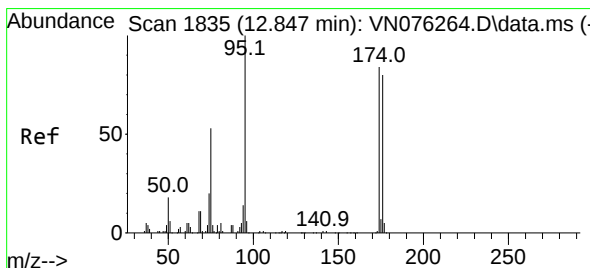
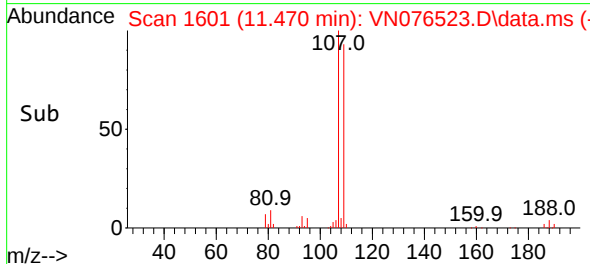
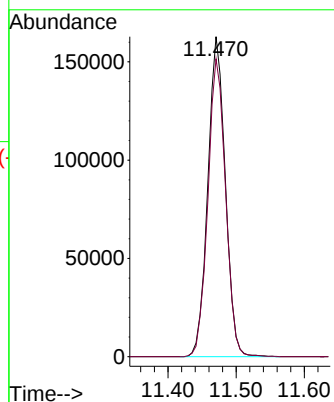
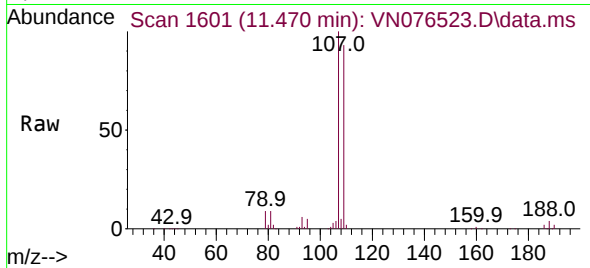




#61
1,2-Dibromoethane
Concen: 50.862 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

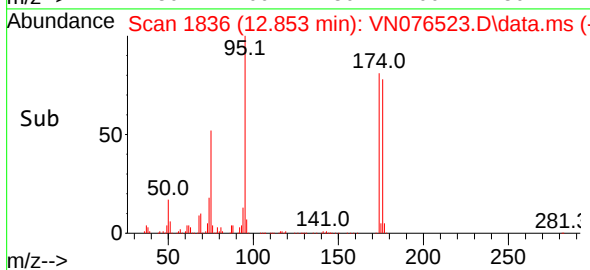
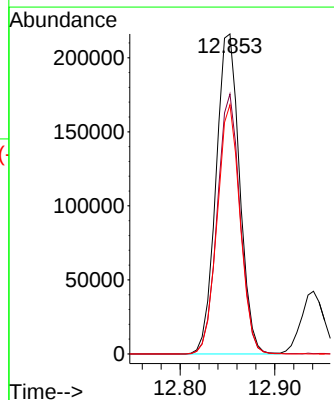
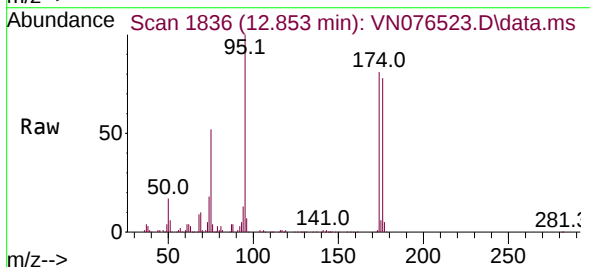
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

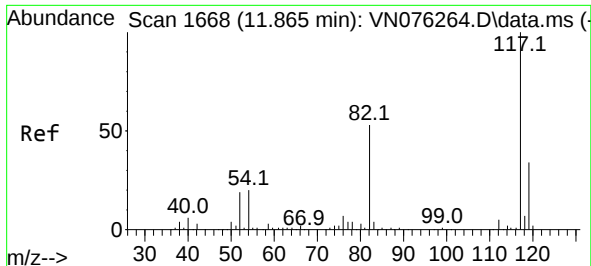
Tgt Ion:107 Resp: 290686
Ion Ratio Lower Upper
107 100
109 94.3 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 59.074 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 95 Resp: 375471
Ion Ratio Lower Upper
95 100
174 78.3 0.0 174.6
176 75.1 0.0 167.8

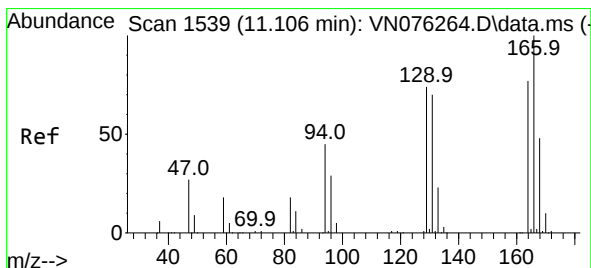
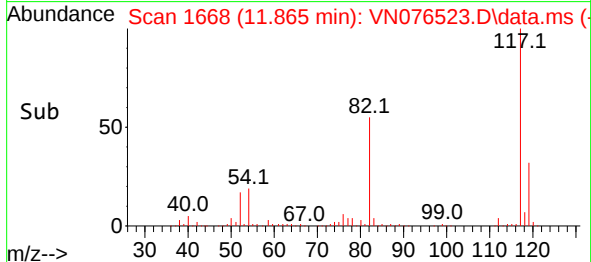
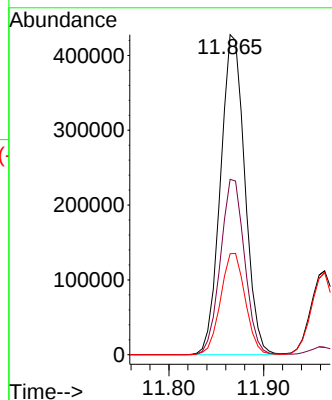
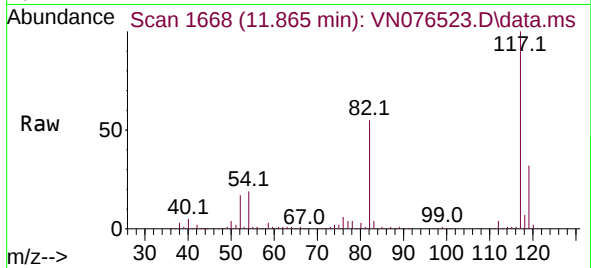




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

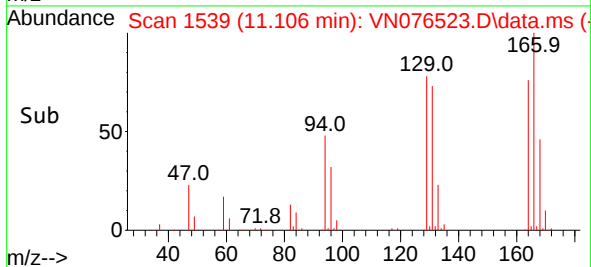
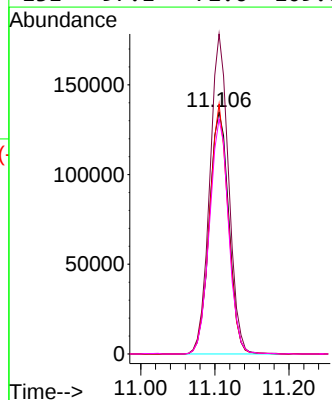
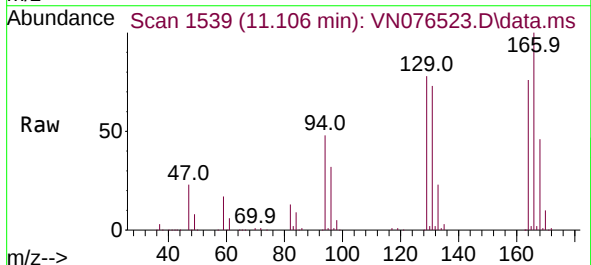
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

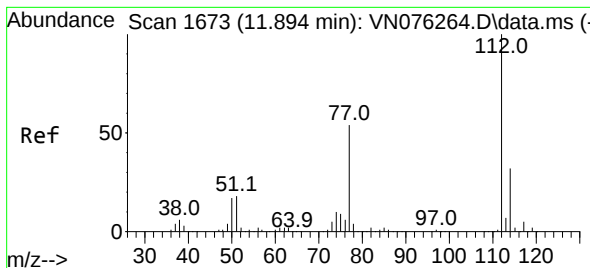
Tgt Ion:117 Resp: 763826
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.2
119 31.5 26.9 40.3



#64
Tetrachloroethene
Concen: 35.876 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion:164 Resp: 247125
Ion Ratio Lower Upper
164 100
166 132.3 104.0 156.0
129 103.4 76.6 114.8
131 97.1 72.6 109.0





#65

Chlorobenzene

Concen: 46.462 ug/l

RT: 11.894 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

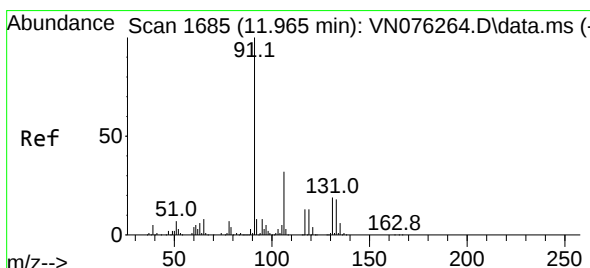
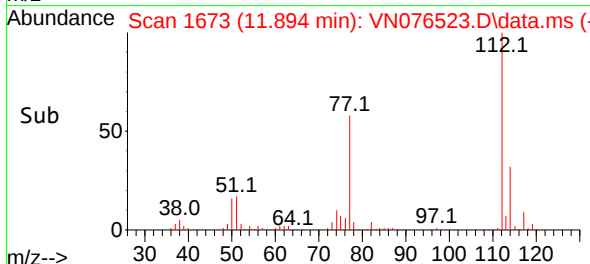
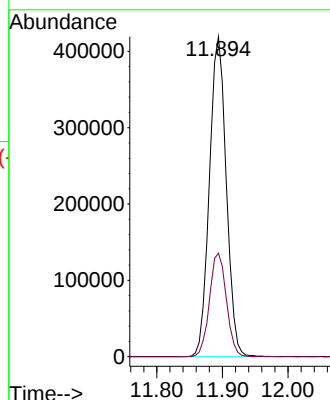
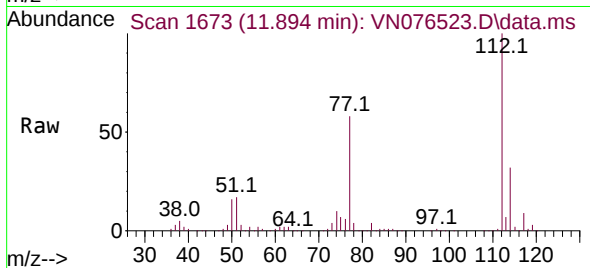
VSTDCCC050EC

Tgt Ion:112 Resp: 750188

Ion Ratio Lower Upper

112 100

114 32.3 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 50.254 ug/l

RT: 11.964 min Scan# 1685

Delta R.T. -0.001 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

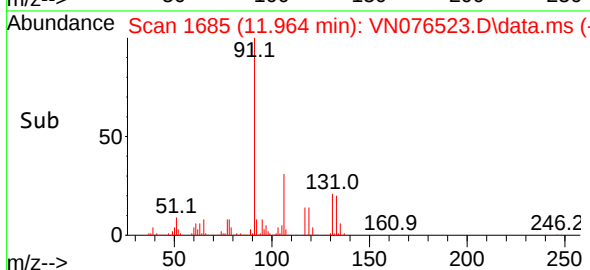
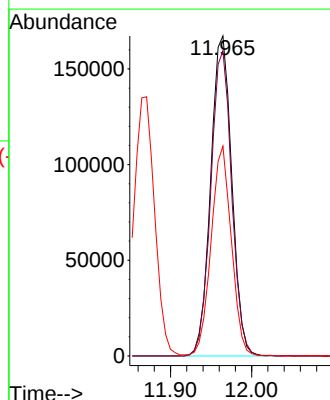
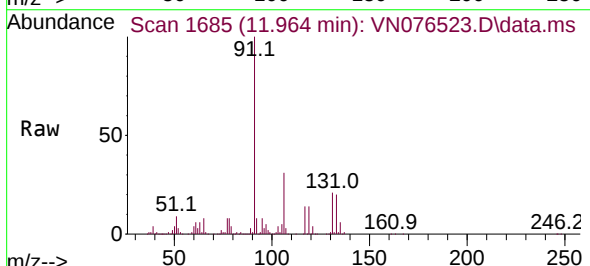
Tgt Ion:131 Resp: 301896

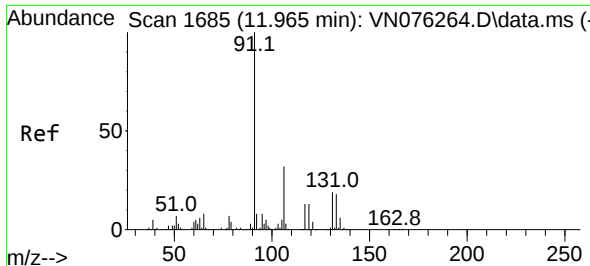
Ion Ratio Lower Upper

131 100

133 94.5 47.4 142.2

119 63.0 32.3 96.8





#67

Ethyl Benzene

Concen: 49.547 ug/l

RT: 11.964 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

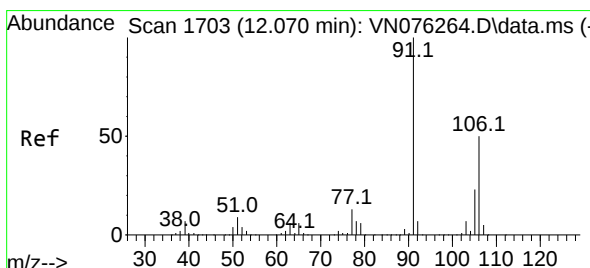
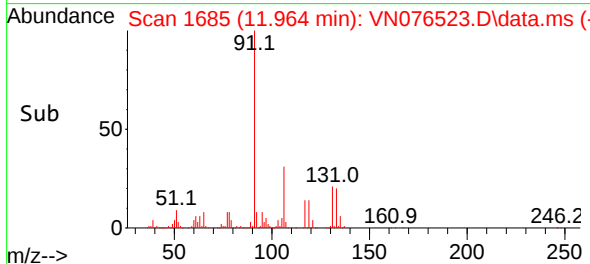
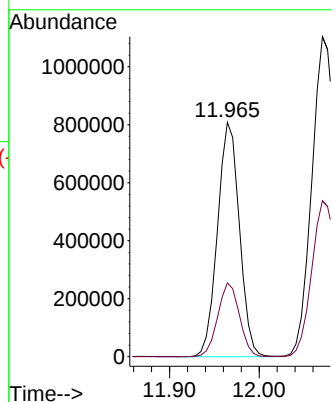
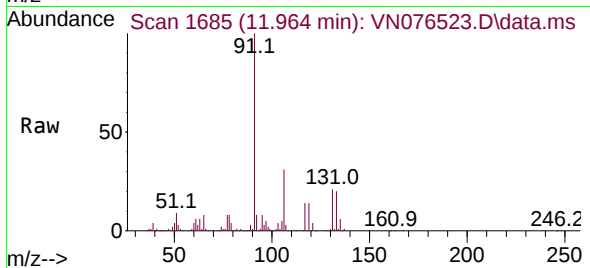
VSTDCCC050EC

Tgt Ion: 91 Resp: 1369183

Ion Ratio Lower Upper

91 100

106 31.5 25.5 38.3



#68

m/p-Xylenes

Concen: 96.155 ug/l

RT: 12.070 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN076523.D

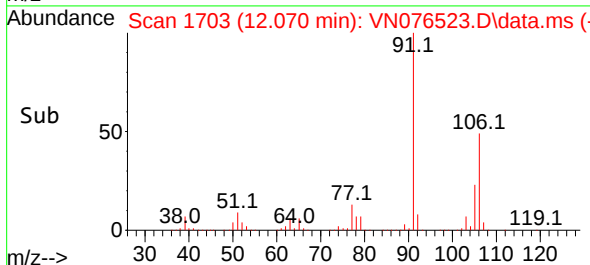
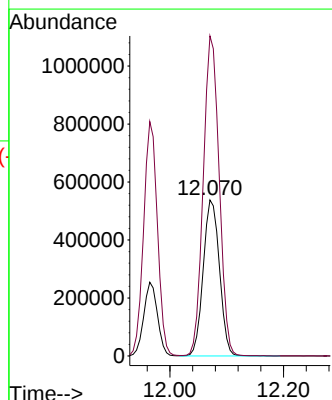
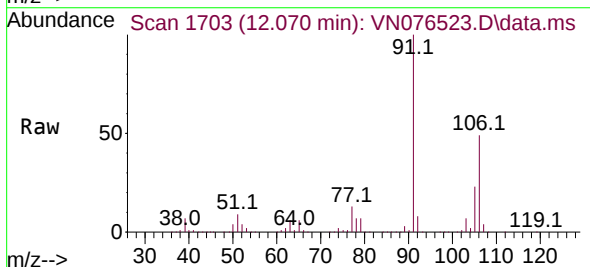
Acq: 02 Feb 2023 20:28

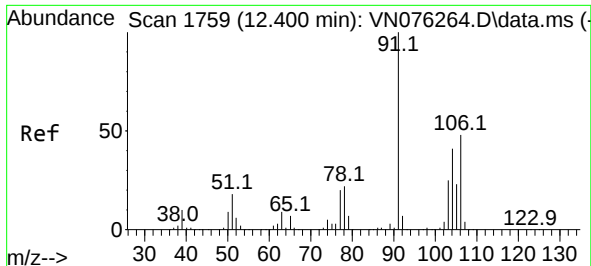
Tgt Ion:106 Resp: 1065476

Ion Ratio Lower Upper

106 100

91 201.1 157.5 236.3

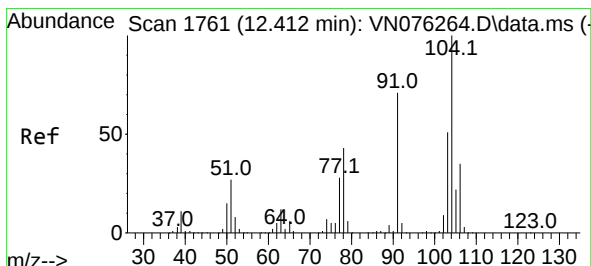
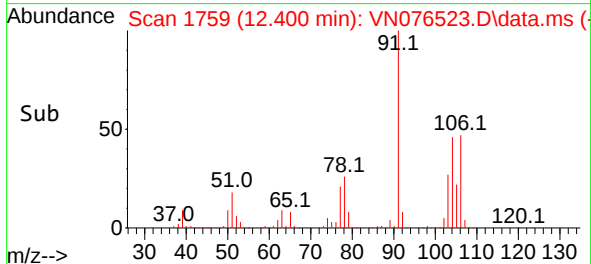
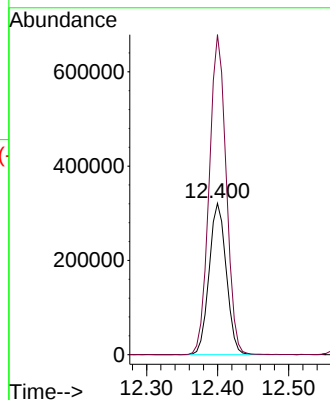
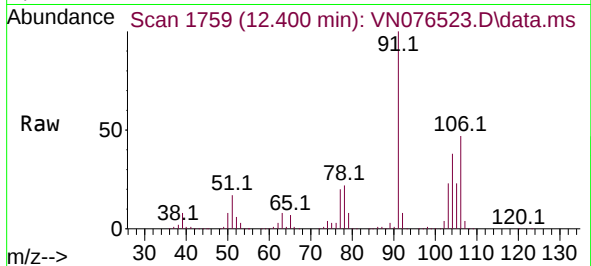




#69
o-Xylene
Concen: 49.533 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

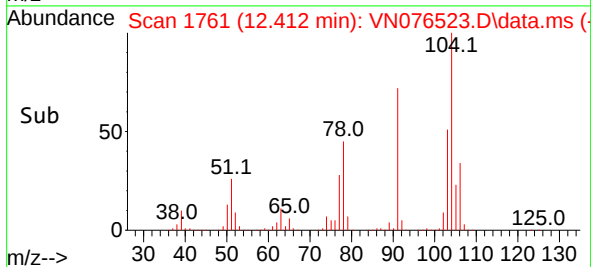
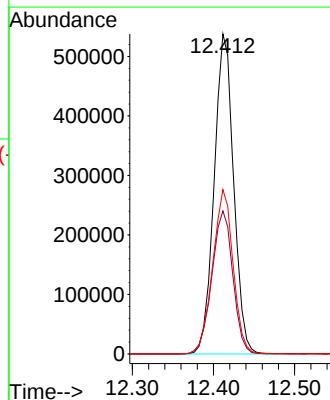
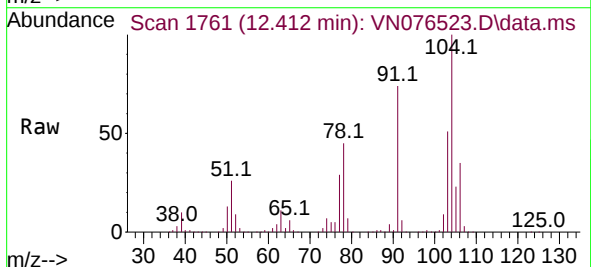
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

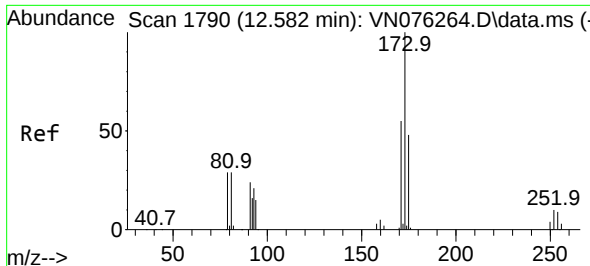
Tgt Ion:106 Resp: 539009
Ion Ratio Lower Upper
106 100
91 209.8 103.2 309.4



#70
Styrene
Concen: 51.609 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion:104 Resp: 896707
Ion Ratio Lower Upper
104 100
78 48.2 37.4 56.0
103 53.9 44.2 66.2

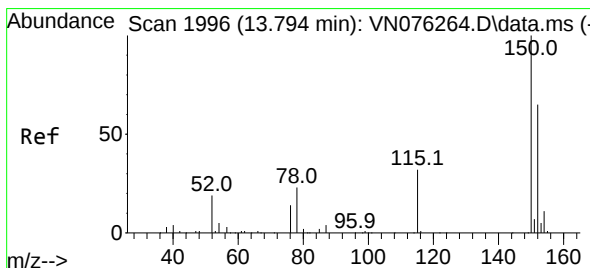
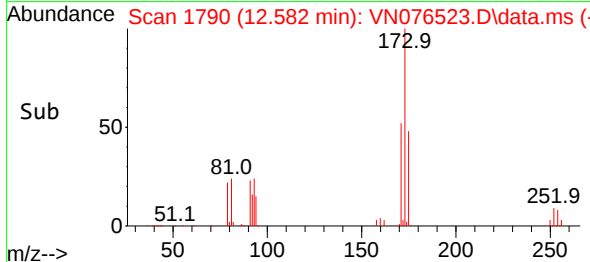
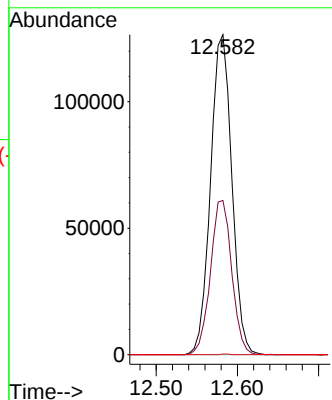
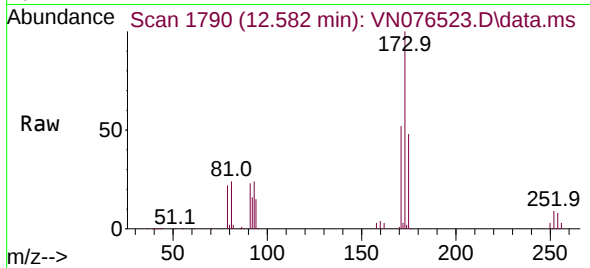




#71
Bromoform
Concen: 53.097 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

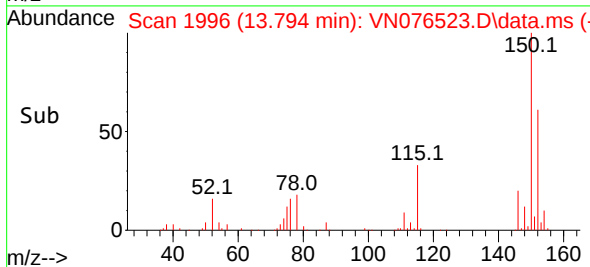
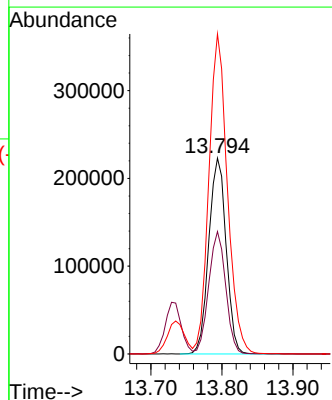
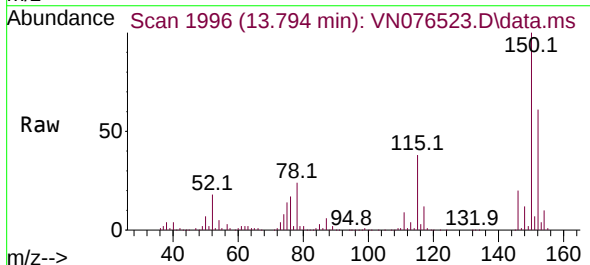
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

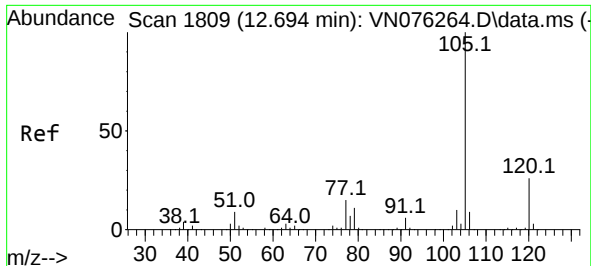
Tgt Ion:173 Resp: 230355
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion:152 Resp: 379497
Ion Ratio Lower Upper
152 100
115 60.9 29.6 88.9
150 173.5 0.0 351.4

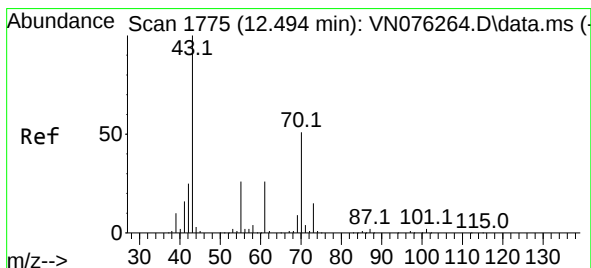
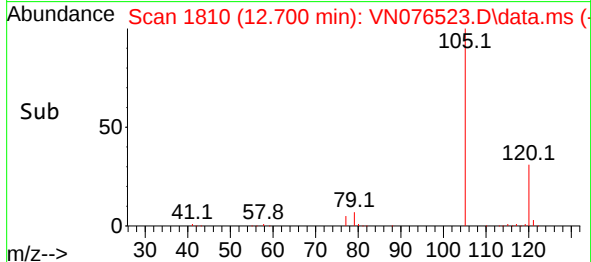
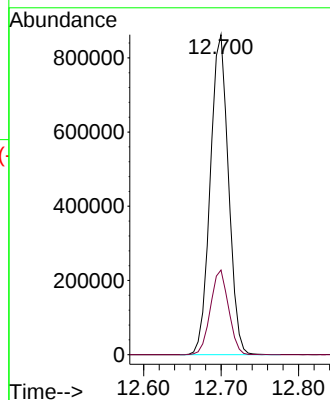
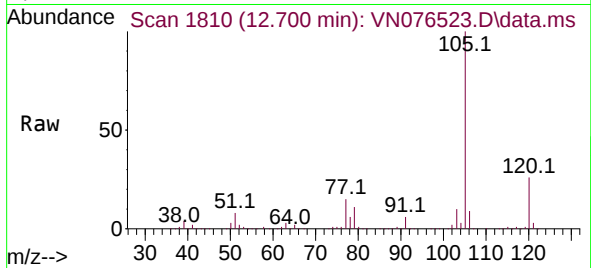




#73
Isopropylbenzene
Concen: 47.920 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

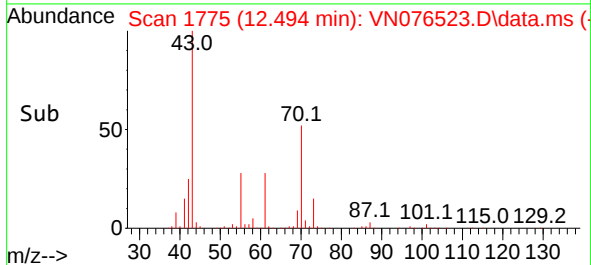
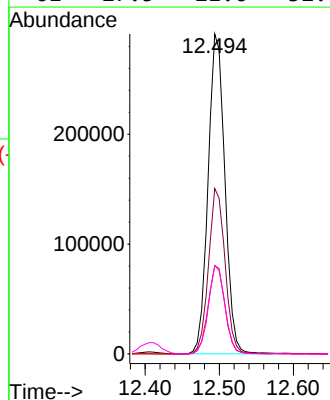
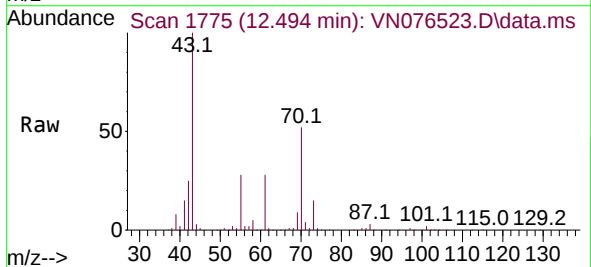
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

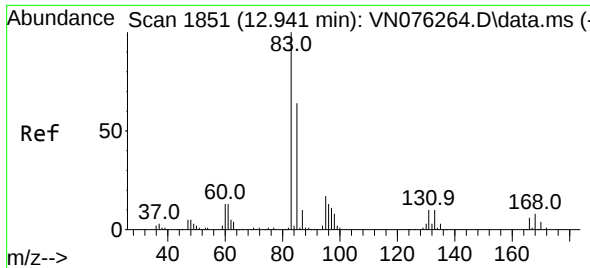
Tgt Ion:105 Resp: 1406826
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1



#74
N-ethyl acetate
Concen: 54.237 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 43 Resp: 458020
Ion Ratio Lower Upper
43 100
70 51.1 41.2 61.8
55 27.7 21.0 31.6
61 27.5 21.6 32.4

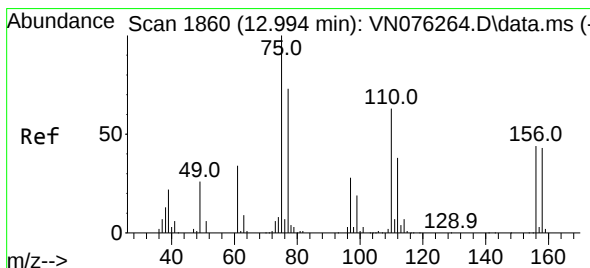
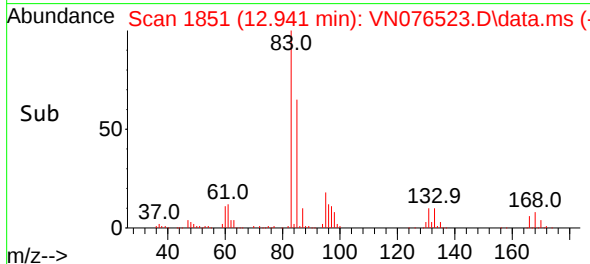
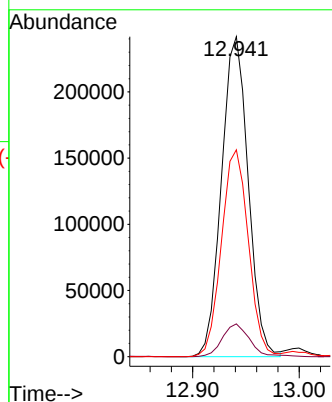
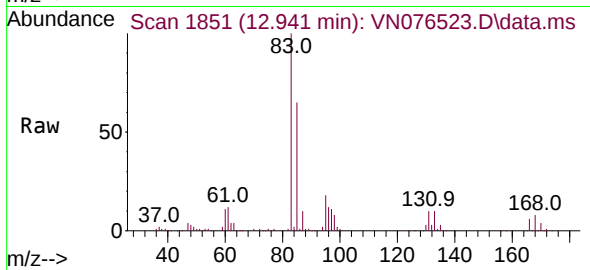




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.944 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VN076523.D
 Acq: 02 Feb 2023 20:28

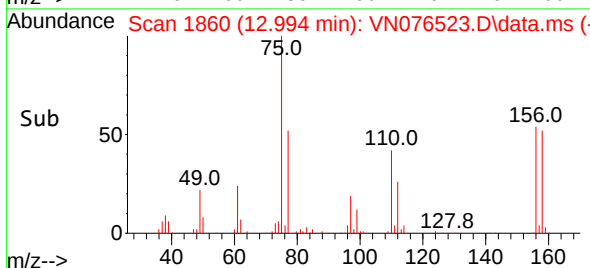
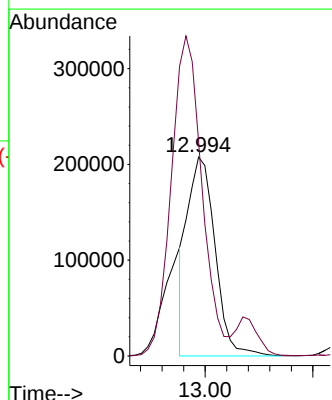
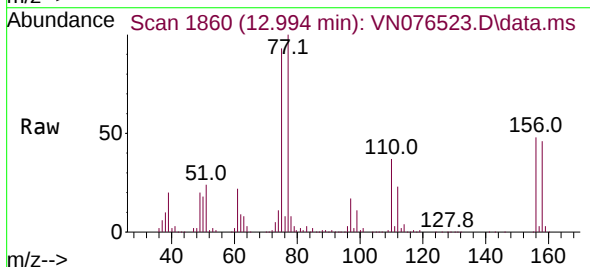
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

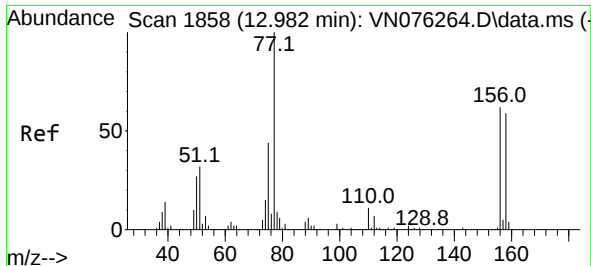
Tgt Ion: 83 Resp: 421508
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.5 16.4
 85 65.0 31.7 95.1



#76
 1,2,3-Trichloropropane
 Concen: 53.814 ug/l m
 RT: 12.994 min Scan# 1860
 Delta R.T. -0.000 min
 Lab File: VN076523.D
 Acq: 02 Feb 2023 20:28

Tgt Ion: 75 Resp: 371541
 Ion Ratio Lower Upper
 75 100
 77 178.7 75.2 225.6

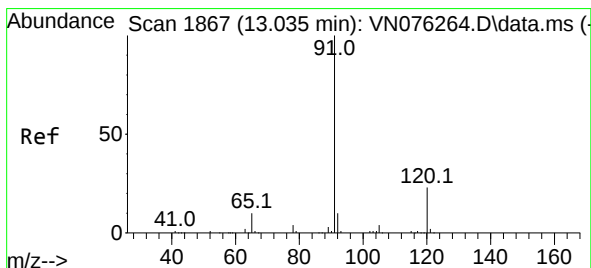
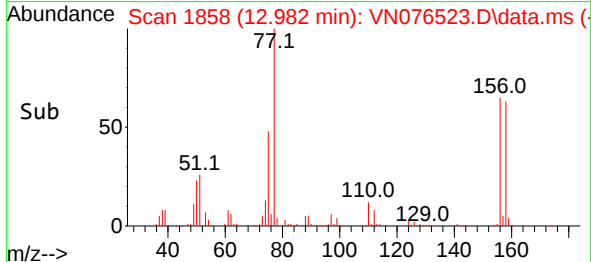
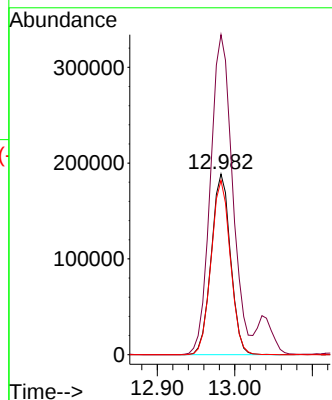
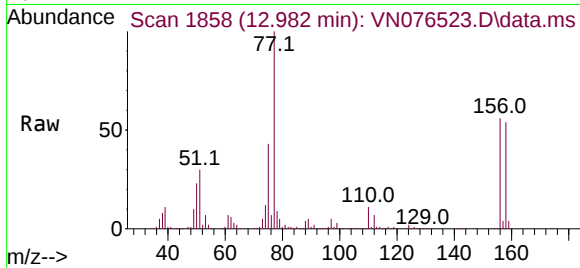




#77
Bromobenzene
Concen: 47.353 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

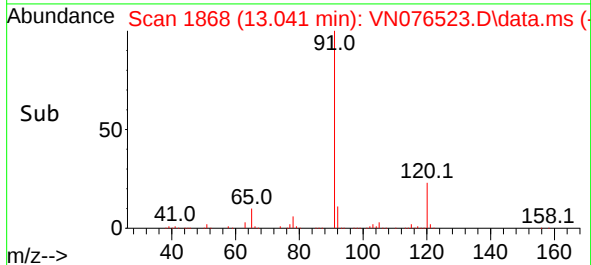
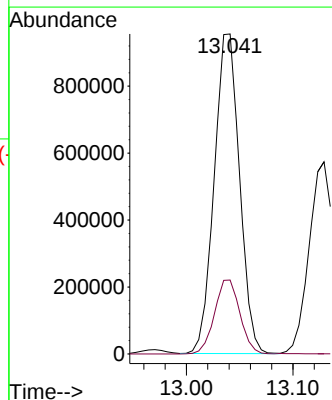
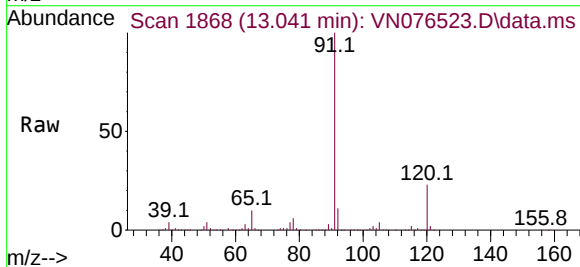
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

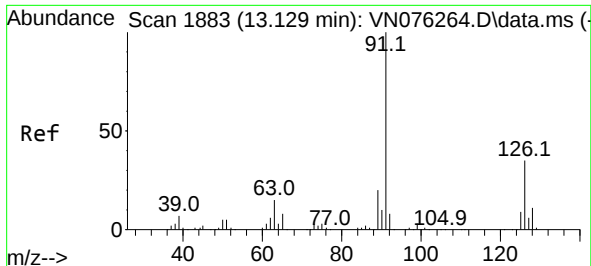
Tgt Ion:156 Resp: 325221
Ion Ratio Lower Upper
156 100
77 204.2 93.4 280.2
158 96.6 48.4 145.2



#78
n-propylbenzene
Concen: 47.582 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 91 Resp: 1576195
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5

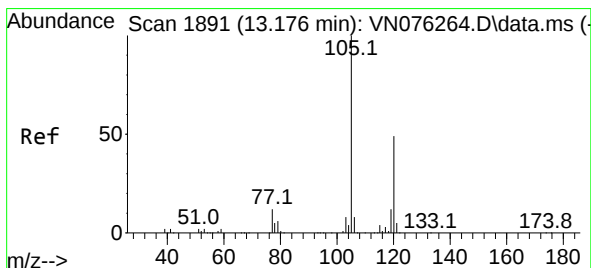
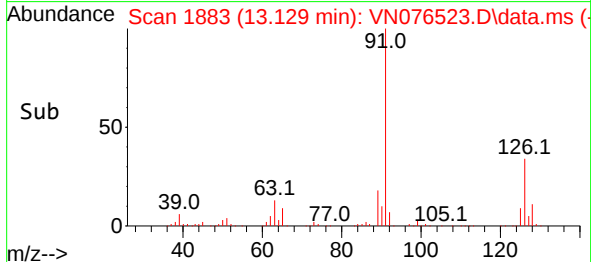
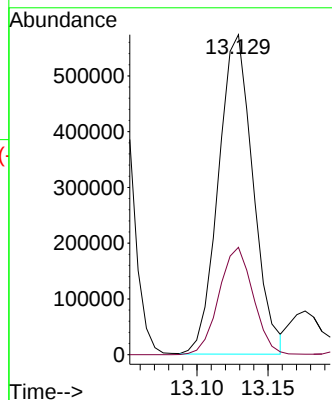
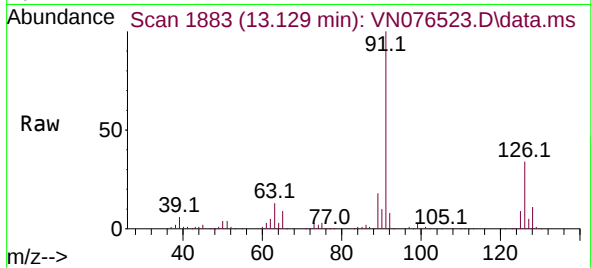




#79
2-Chlorotoluene
Concen: 47.865 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

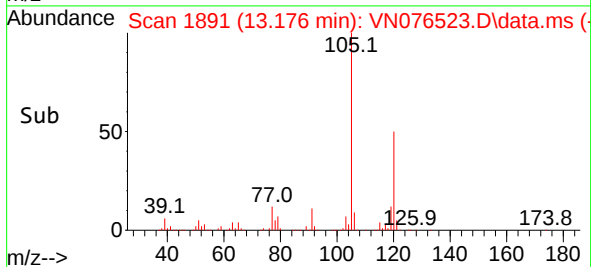
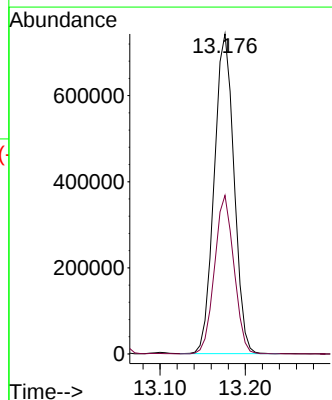
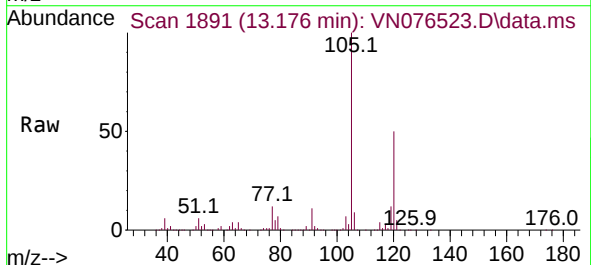
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

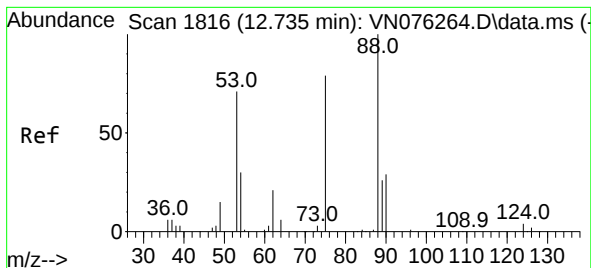
Tgt Ion: 91 Resp: 972960
Ion Ratio Lower Upper
91 100
126 33.2 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 48.747 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 105 Resp: 1198932
Ion Ratio Lower Upper
105 100
120 48.6 25.0 75.0

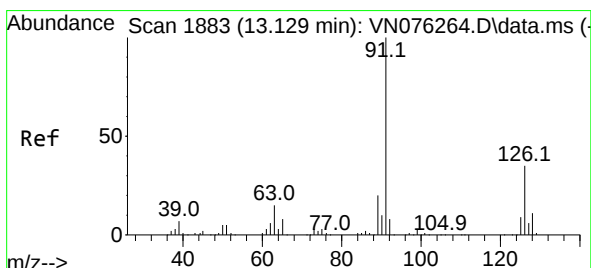
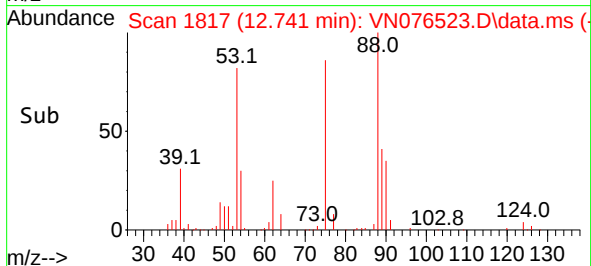
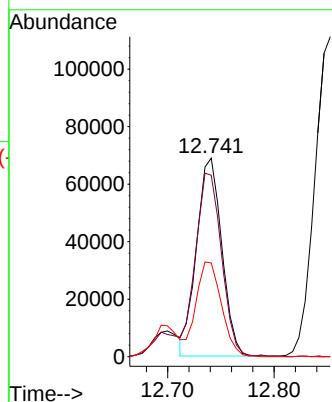
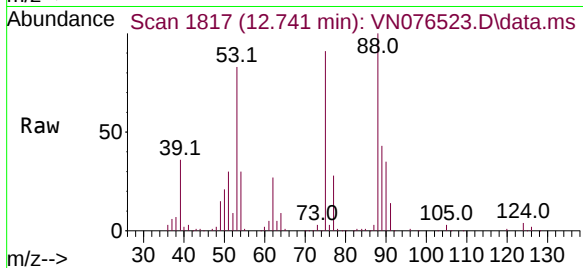




#81
trans-1,4-Dichloro-2-butene
Concen: 49.724 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

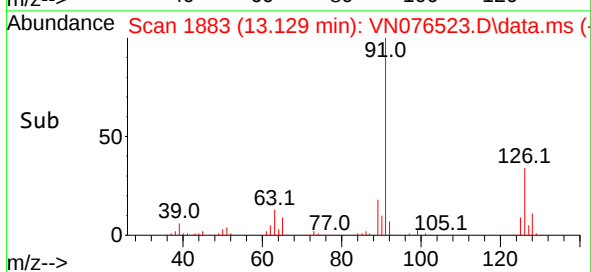
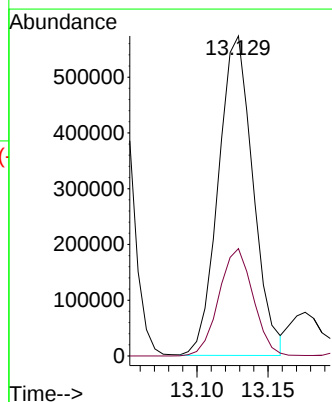
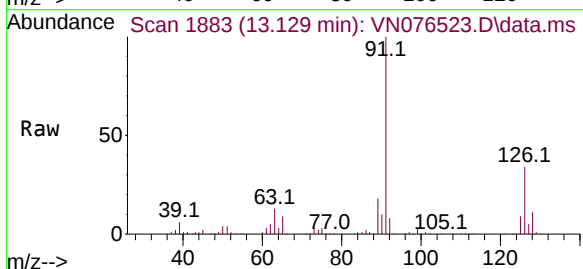
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

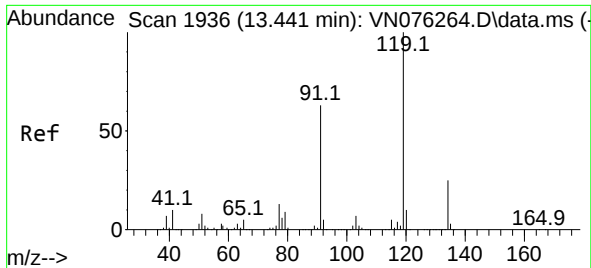
Tgt Ion: 75 Resp: 113413
Ion Ratio Lower Upper
75 100
53 96.0 75.8 113.8
89 49.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 47.865 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 91 Resp: 972960
Ion Ratio Lower Upper
91 100
126 33.2 17.4 52.2

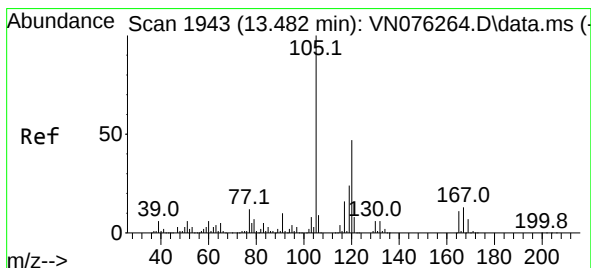
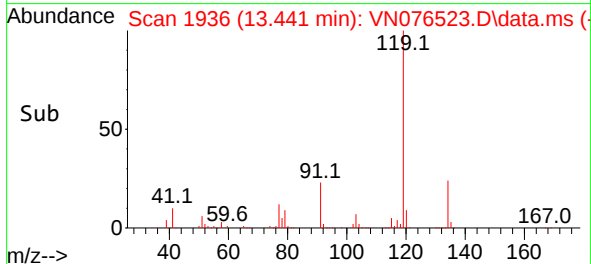
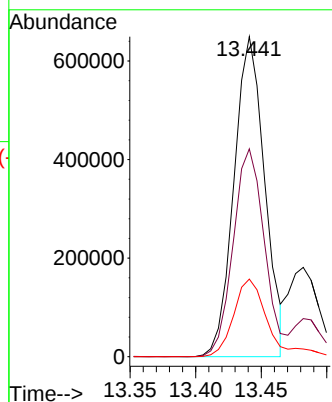
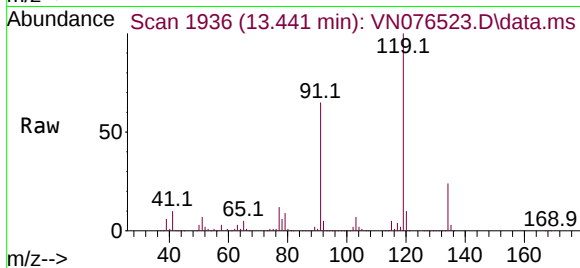




#83
tert-Butylbenzene
Concen: 48.462 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

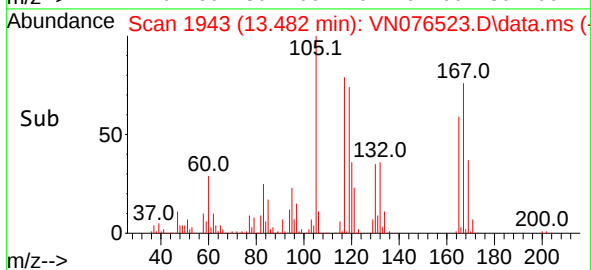
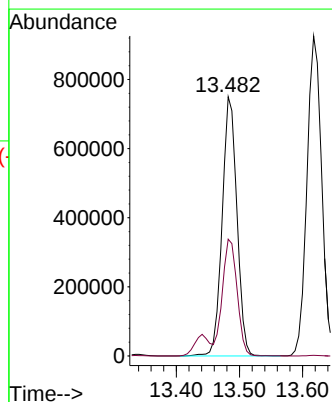
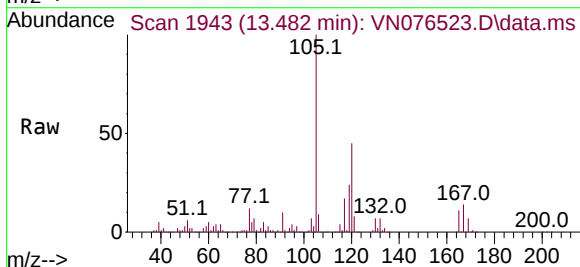
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

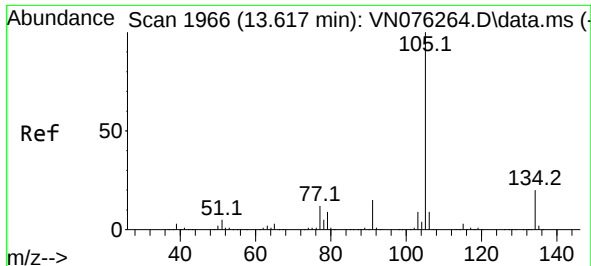
Tgt Ion:119 Resp: 1060093
Ion Ratio Lower Upper
119 100
91 66.7 32.2 96.6
134 26.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 49.422 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion:105 Resp: 1218852
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.5

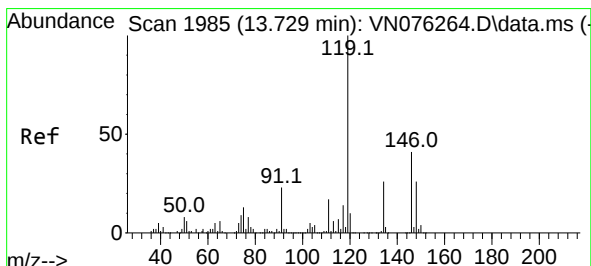
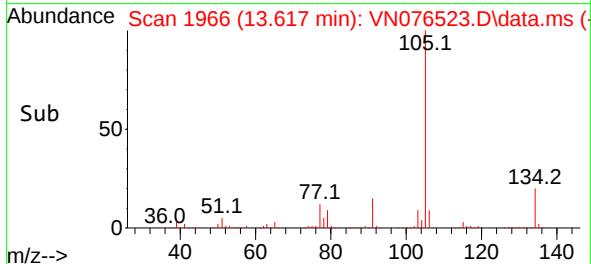
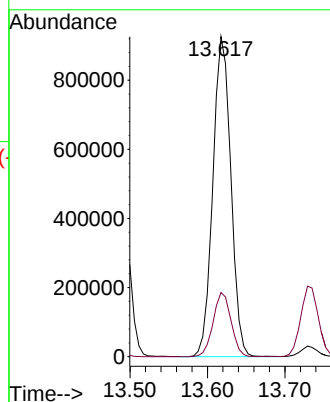
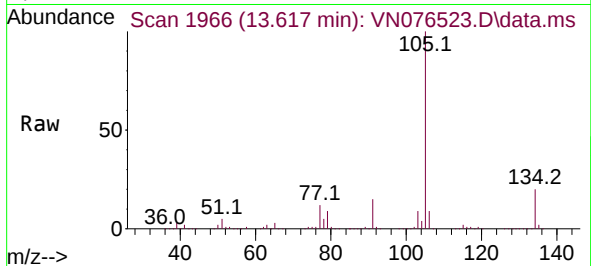




#85
 sec-Butylbenzene
 Concen: 49.277 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076523.D
 Acq: 02 Feb 2023 20:28

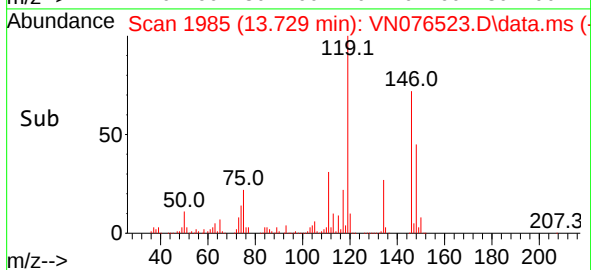
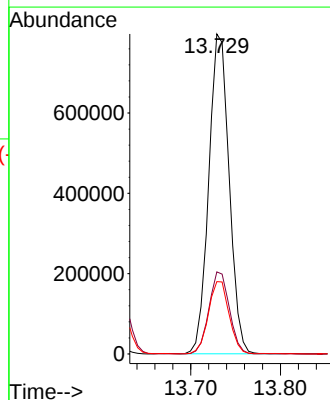
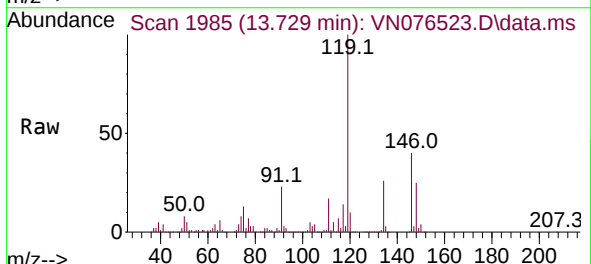
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

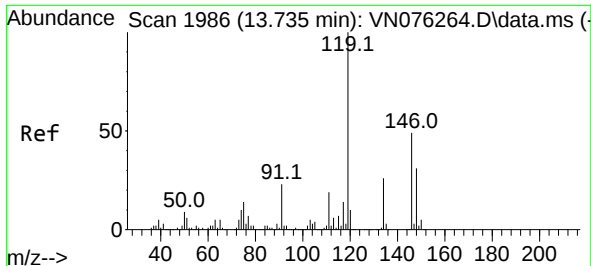
Tgt Ion:105 Resp: 1495724
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 50.320 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076523.D
 Acq: 02 Feb 2023 20:28

Tgt Ion:119 Resp: 1255979
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.6
 91 23.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 44.283 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

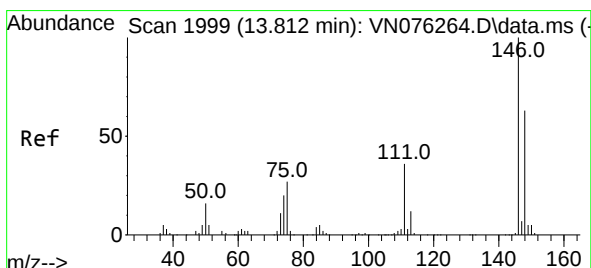
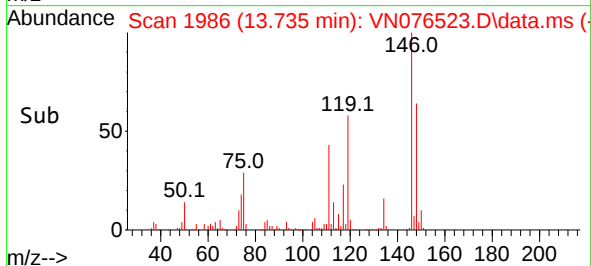
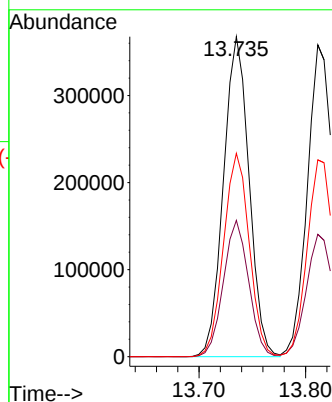
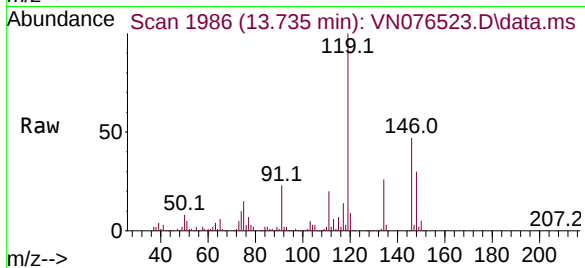
Tgt Ion:146 Resp: 612754

Ion Ratio Lower Upper

146 100

111 41.9 19.9 59.7

148 63.8 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 45.843 ug/l

RT: 13.811 min Scan# 1999

Delta R.T. -0.001 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

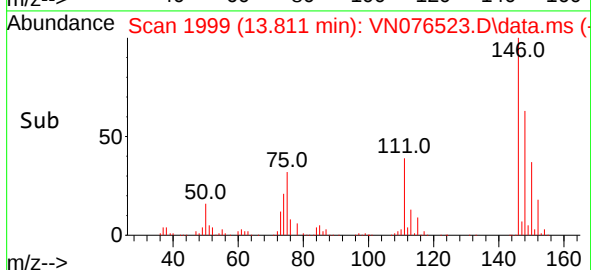
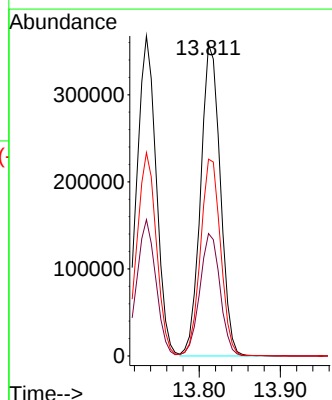
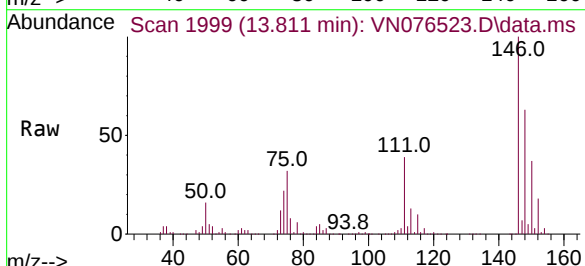
Tgt Ion:146 Resp: 603322

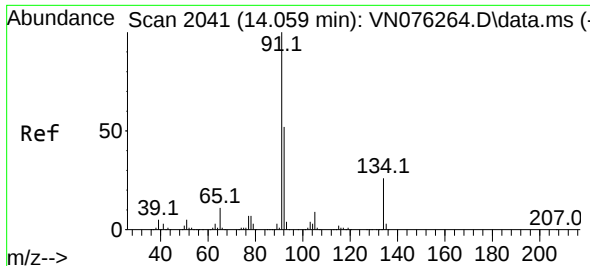
Ion Ratio Lower Upper

146 100

111 40.2 19.1 57.5

148 64.3 31.9 95.9

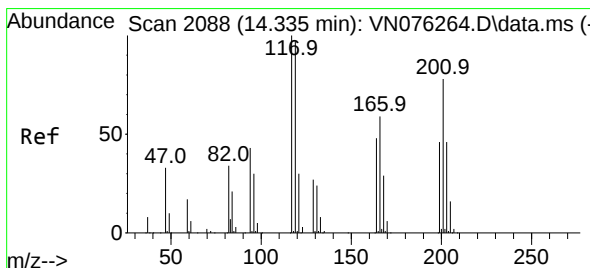
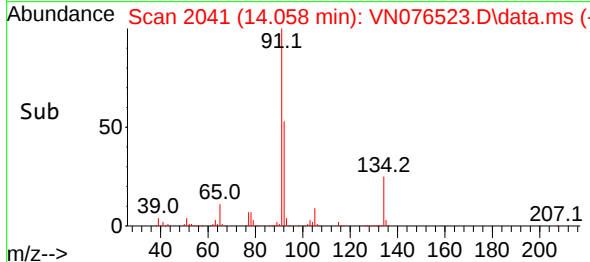
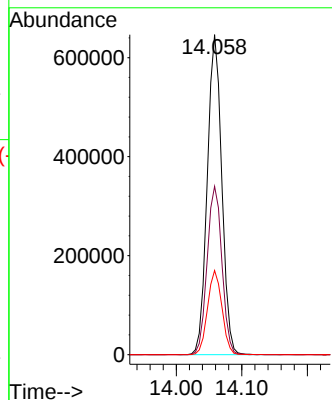
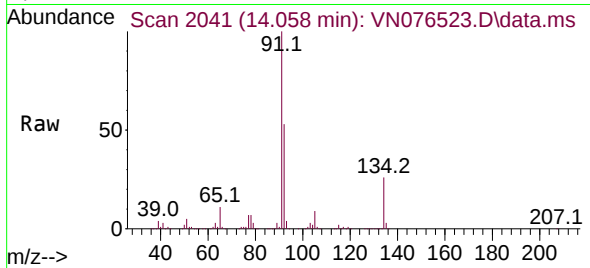




#89
n-Butylbenzene
Concen: 50.170 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.001 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

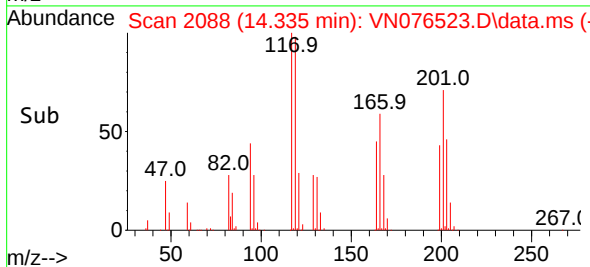
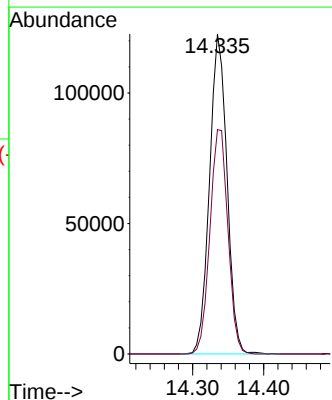
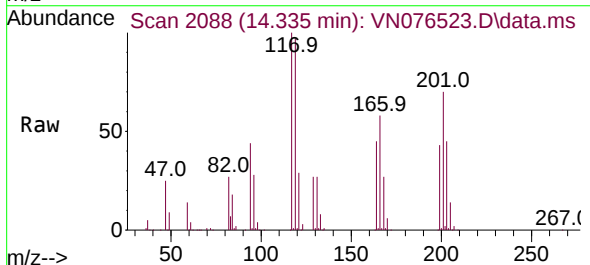
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

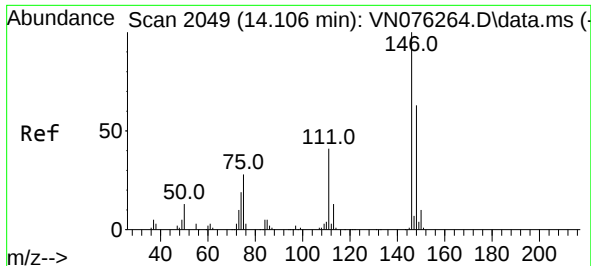
Tgt Ion: 91 Resp: 994071
Ion Ratio Lower Upper
91 100
92 53.7 26.3 78.9
134 26.1 13.2 39.5



#90
Hexachloroethane
Concen: 48.666 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 117 Resp: 209649
Ion Ratio Lower Upper
117 100
201 72.1 37.3 111.9

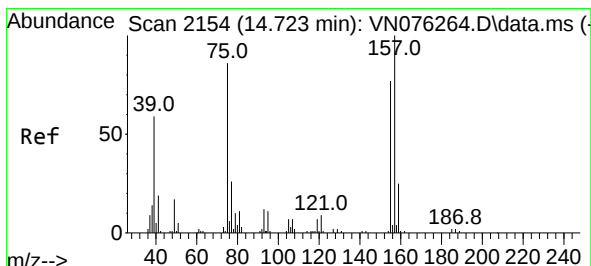
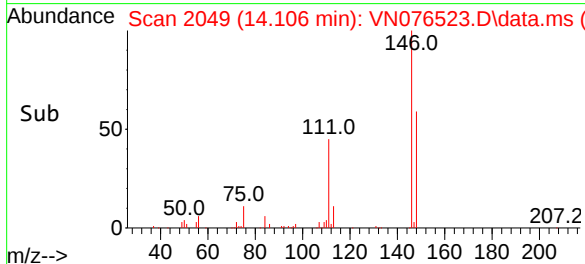
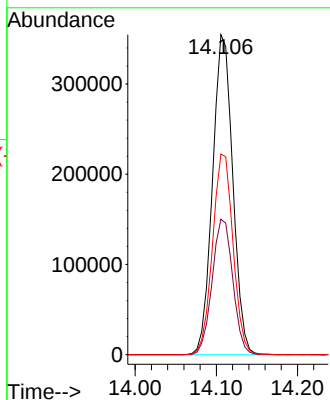
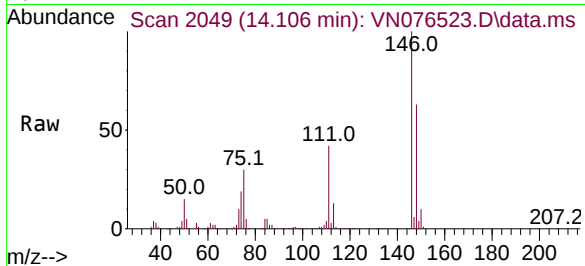




#91
1,2-Dichlorobenzene
Concen: 44.629 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

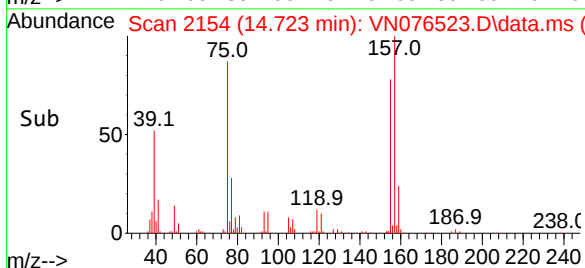
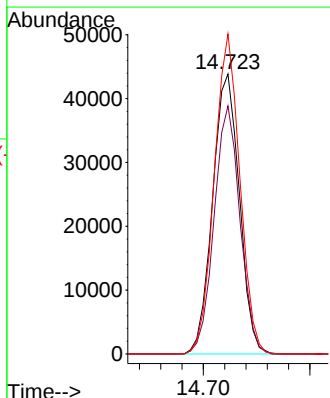
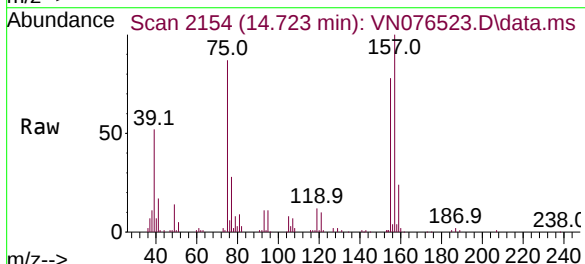
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

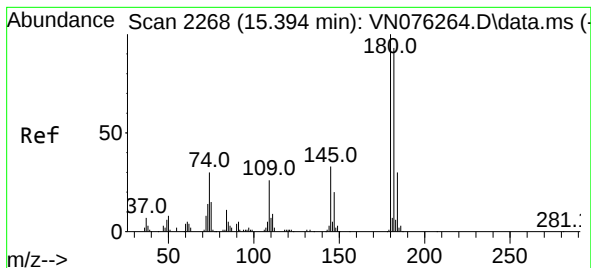
Tgt Ion:146 Resp: 615079
Ion Ratio Lower Upper
146 100
111 43.1 20.3 60.8
148 63.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.066 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076523.D
Acq: 02 Feb 2023 20:28

Tgt Ion: 75 Resp: 76382
Ion Ratio Lower Upper
75 100
155 85.7 45.0 135.0
157 109.3 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 43.123 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

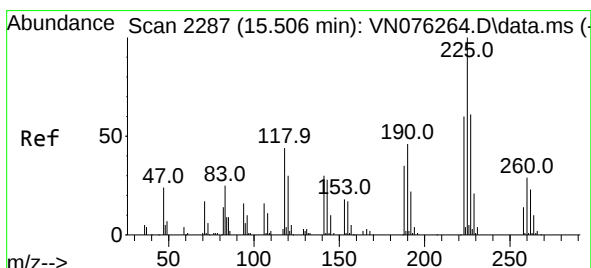
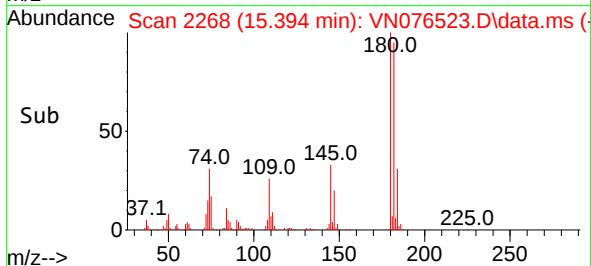
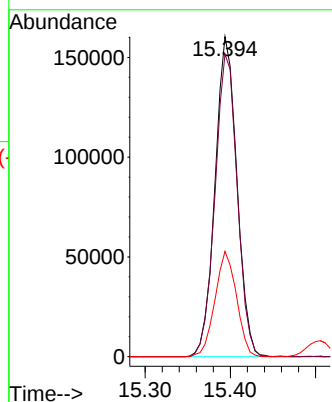
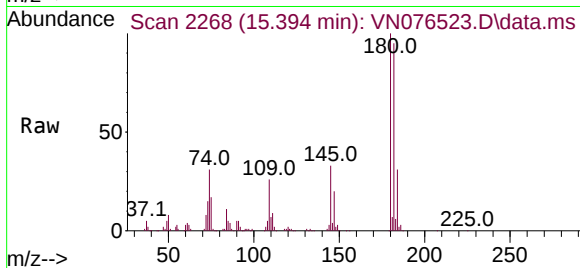
Tgt Ion:180 Resp: 285945

Ion Ratio Lower Upper

180 100

182 96.0 47.0 141.2

145 32.3 15.2 45.5



#94

Hexachlorobutadiene

Concen: 41.537 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.001 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

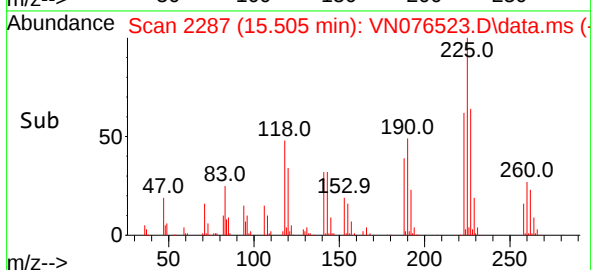
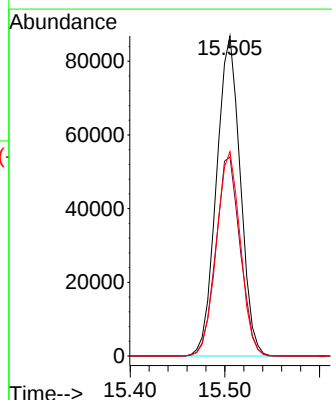
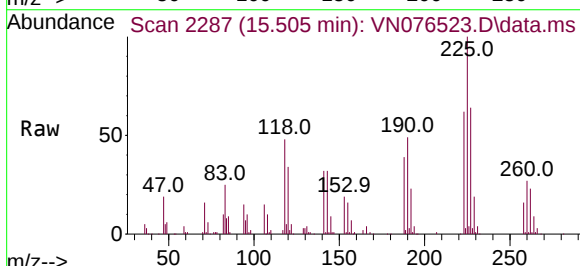
Tgt Ion:225 Resp: 151914

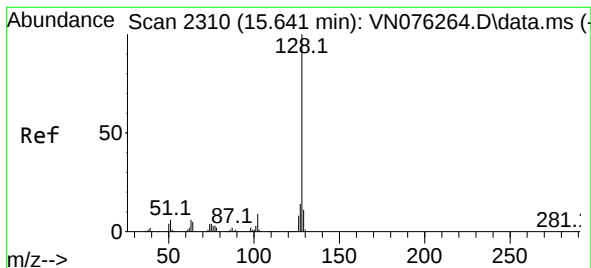
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.3

227 64.0 30.9 92.8





#95

Naphthalene

Concen: 45.544 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

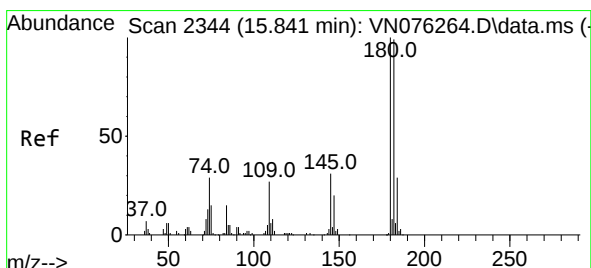
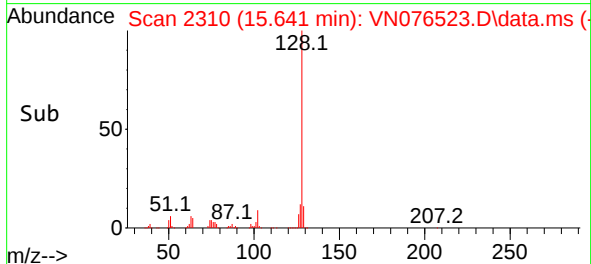
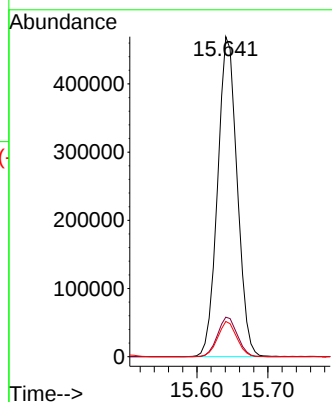
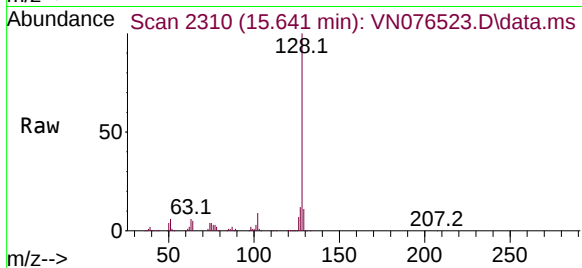
Tgt Ion:128 Resp: 894677

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.434 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076523.D

Acq: 02 Feb 2023 20:28

Tgt Ion:180 Resp: 281222

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

145 33.7 15.9 47.6

