

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011723\
 Data File : VN076286.D
 Acq On : 17 Jan 2023 19:31
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jan 18 00:58:37 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	8.230	168	383702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	616575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	559426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	280640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	212505	49.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.920%
35) Dibromofluoromethane	8.171	113	192162	49.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.640%
50) Toluene-d8	10.571	98	730063	51.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.853	95	261573	56.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	187260	47.624	ug/l	98
3) Chloromethane	2.377	50	181453	44.571	ug/l	96
4) Vinyl Chloride	2.530	62	255053	51.093	ug/l	99
5) Bromomethane	2.954	94	193362	47.300	ug/l	95
6) Chloroethane	3.124	64	192481	51.422	ug/l	100
7) Trichlorofluoromethane	3.506	101	313693	45.677	ug/l	96
8) Diethyl Ether	3.977	74	108122	46.938	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	175149	45.051	ug/l	97
10) Methyl Iodide	4.601	142	280016	47.152	ug/l	100
11) Tert butyl alcohol	5.530	59	134401	233.883	ug/l	100
12) 1,1-Dichloroethene	4.354	96	167559	45.592	ug/l	98
13) Acrolein	4.195	56	169635	246.839	ug/l	99
14) Allyl chloride	5.042	41	195267	45.593	ug/l	98
15) Acrylonitrile	5.730	53	371605	227.243	ug/l	99
16) Acetone	4.436	43	320695	232.847	ug/l	97
17) Carbon Disulfide	4.724	76	398013	43.494	ug/l	98
18) Methyl Acetate	5.036	43	204526	43.819	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	571518	47.767	ug/l	100
20) Methylene Chloride	5.289	84	185102	45.364	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	178588	44.855	ug/l	93
22) Diisopropyl ether	6.683	45	472271	46.759	ug/l	99
23) Vinyl Acetate	6.612	43	1630754	249.825	ug/l	99
24) 1,1-Dichloroethane	6.577	63	308453	45.816	ug/l	99
25) 2-Butanone	7.489	43	477059	226.796	ug/l	97
26) 2,2-Dichloropropane	7.500	77	262107	46.192	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	213084	45.887	ug/l	100
28) Bromochloromethane	7.818	49	125523	45.999	ug/l	100
29) Tetrahydrofuran	7.841	42	308700	237.785	ug/l	99
30) Chloroform	7.971	83	345046	46.318	ug/l	99
31) Cyclohexane	8.265	56	280631	42.522	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	318468	46.825	ug/l	96
36) 1,1-Dichloropropene	8.377	75	251383	45.868	ug/l	99
37) Ethyl Acetate	7.571	43	197357	44.899	ug/l	99
38) Carbon Tetrachloride	8.365	117	282404	46.207	ug/l	97
39) Methylcyclohexane	9.606	83	317688	47.467	ug/l	97
40) Benzene	8.612	78	744852	45.451	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	107066	46.516	ug/l	96
42) 1,2-Dichloroethane	8.677	62	254036	45.306	ug/l	99
43) Isopropyl Acetate	8.688	43	353862	49.482	ug/l	98
44) Trichloroethene	9.353	130	209878	45.281	ug/l	99
45) 1,2-Dichloropropane	9.624	63	179886	45.847	ug/l	99
46) Dibromomethane	9.712	93	135284	45.667	ug/l	99
47) Bromodichloromethane	9.888	83	273405	47.585	ug/l	99
48) Methyl methacrylate	9.683	41	161300	47.643	ug/l	99
49) 1,4-Dioxane	9.700	88	66419	929.752	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	1018509	242.611	ug/l	99
52) Toluene	10.630	92	504853	46.067	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	284206	51.889	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	304958	48.396	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	195229	46.605	ug/l	97
56) Ethyl methacrylate	10.877	69	282364	52.212	ug/l	99
57) 1,3-Dichloropropane	11.165	76	318635	46.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	483769	264.974	ug/l	99
59) 2-Hexanone	11.200	43	739888	243.209	ug/l	99
60) Dibromochloromethane	11.359	129	215957	48.974	ug/l	98
61) 1,2-Dibromoethane	11.471	107	203683	48.713	ug/l	99
64) Tetrachloroethene	11.106	164	204729	40.581	ug/l	98
65) Chlorobenzene	11.894	112	541256	45.770	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	207921	47.256	ug/l	99
67) Ethyl Benzene	11.965	91	990744	48.952	ug/l	99
68) m/p-Xylenes	12.077	106	786183	96.873	ug/l	100
69) o-Xylene	12.400	106	394853	49.543	ug/l	100
70) Styrene	12.412	104	645076	50.692	ug/l	99
71) Bromoform	12.582	173	161106	50.703	ug/l #	99
73) Isopropylbenzene	12.700	105	1028274	47.363	ug/l	100
74) N-amyl acetate	12.494	43	307229	49.196	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	279874	44.843	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	248152m	48.510	ug/l	
77) Bromobenzene	12.982	156	242663	47.783	ug/l	99
78) n-propylbenzene	13.035	91	1185966	48.413	ug/l	100
79) 2-Chlorotoluene	13.129	91	686574	45.674	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	874362	48.073	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	83288	49.379	ug/l	98
82) 4-Chlorotoluene	13.129	91	686574	45.674	ug/l	99
83) tert-Butylbenzene	13.441	119	794527	49.116	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	893435	48.988	ug/l	100
85) sec-Butylbenzene	13.618	105	1098733	48.949	ug/l	99
86) p-Isopropyltoluene	13.729	119	958646	51.936	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	475073	46.427	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	462523	47.521	ug/l	99
89) n-Butylbenzene	14.059	91	804735	54.921	ug/l	99
90) Hexachloroethane	14.335	117	149213	46.838	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	461467	45.278	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53078	48.925	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	245674	49.889	ug/l	98
94) Hexachlorobutadiene	15.506	225	115945	42.870	ug/l	97
95) Naphthalene	15.647	128	759755	52.027	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	232472	49.534	ug/l	99

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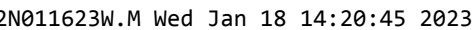
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

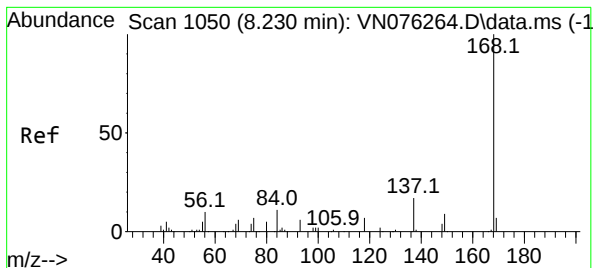
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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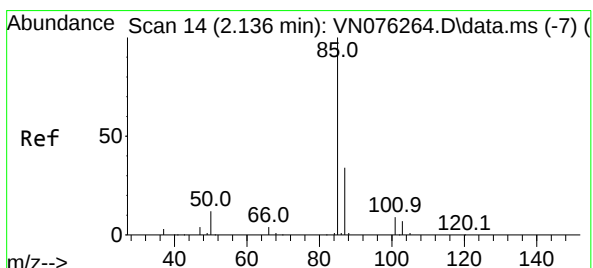
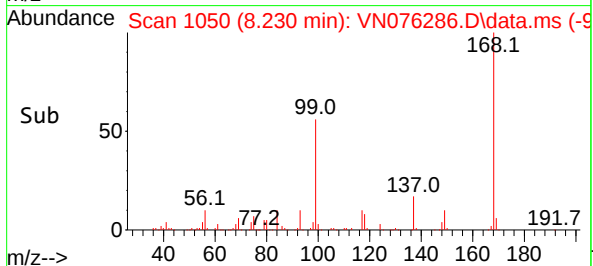
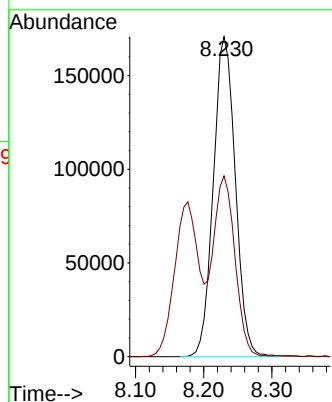
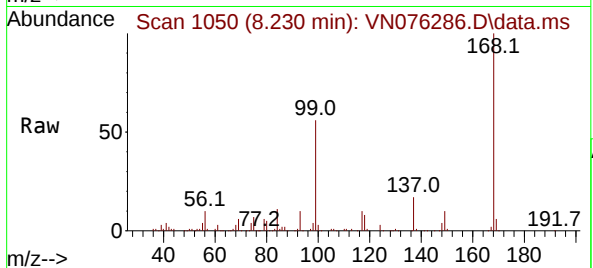




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076286.D
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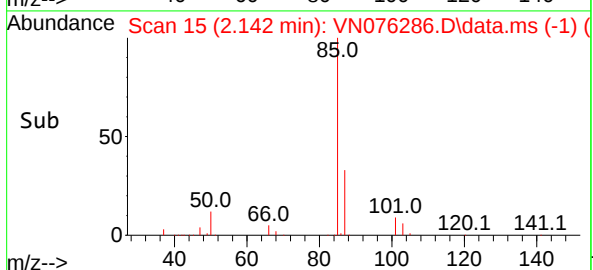
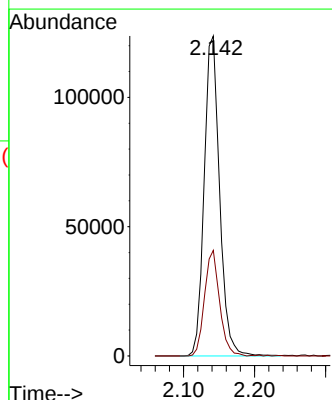
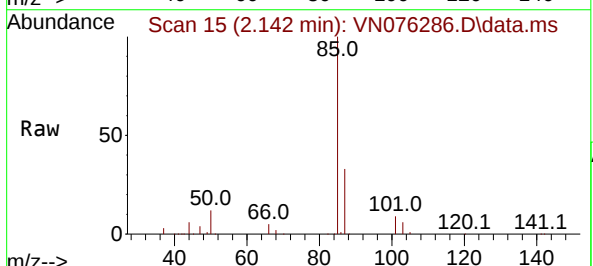
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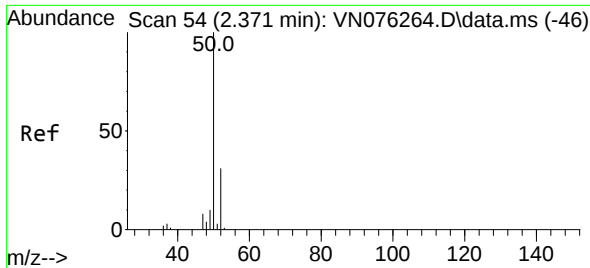
Tgt Ion:168 Resp: 383702
Ion Ratio Lower Upper
168 100
99 56.2 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 47.624 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 85 Resp: 187260
Ion Ratio Lower Upper
85 100
87 33.0 17.1 51.2

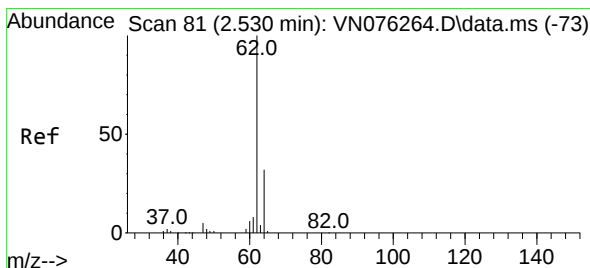
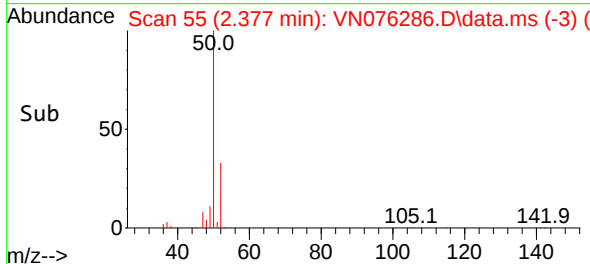
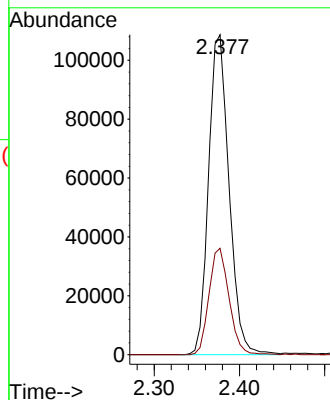
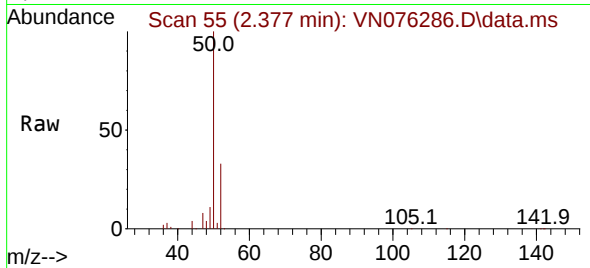




#3
Chloromethane
Concen: 44.571 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

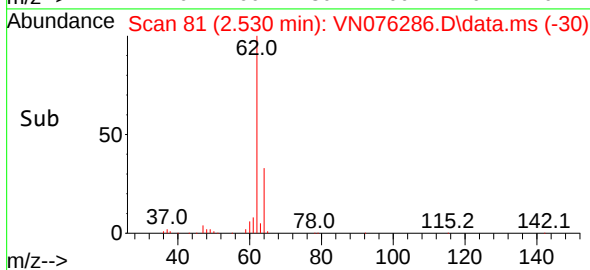
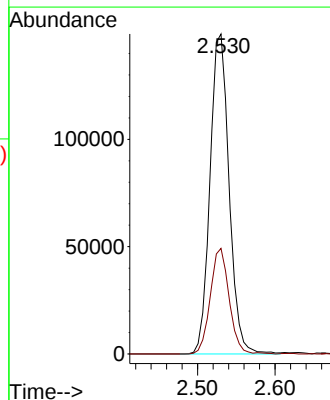
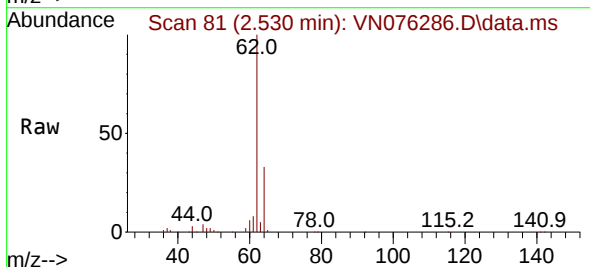
Instrument :
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ClientSampleId :
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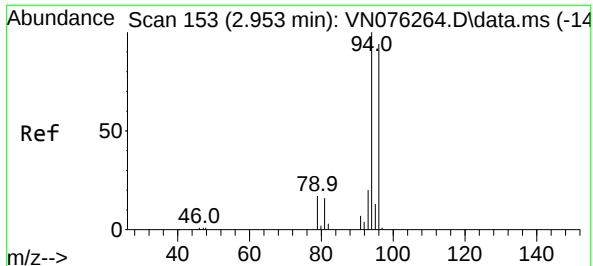
Tgt Ion: 50 Resp: 181453
Ion Ratio Lower Upper
50 100
52 33.3 24.8 37.2



#4
Vinyl Chloride
Concen: 51.093 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 62 Resp: 255053
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.6

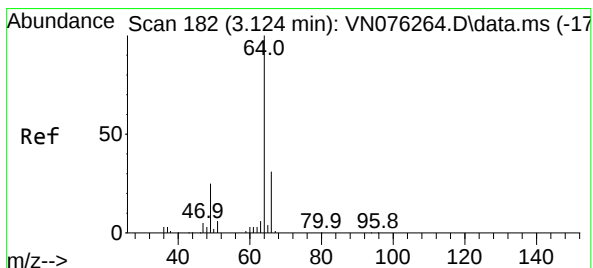
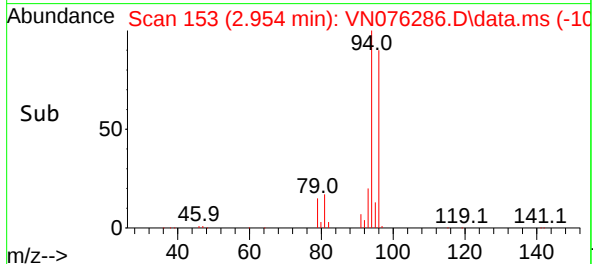
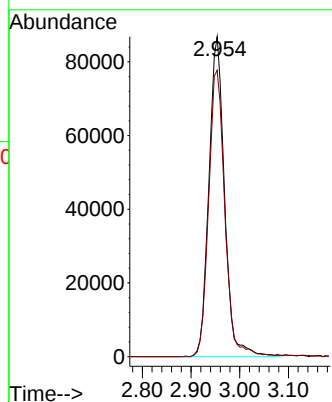
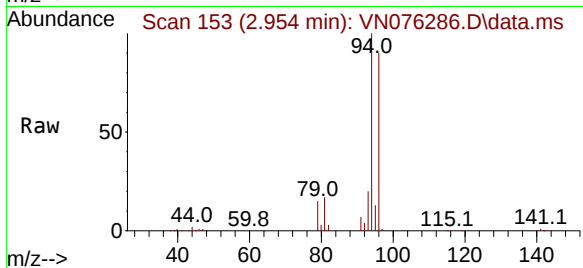




#5
Bromomethane
Concen: 47.300 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

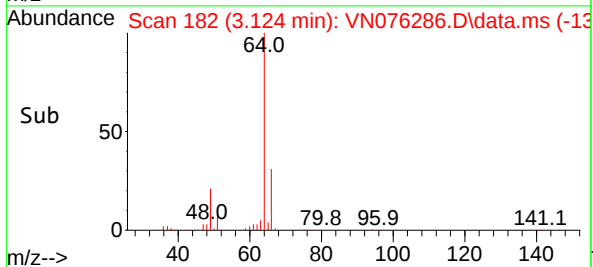
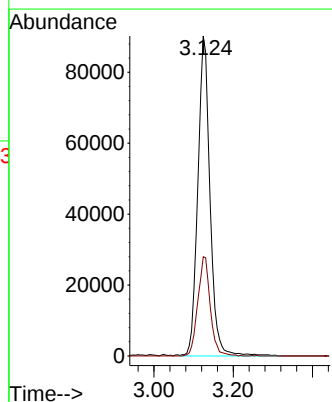
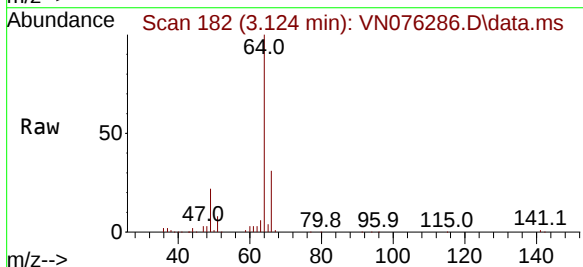
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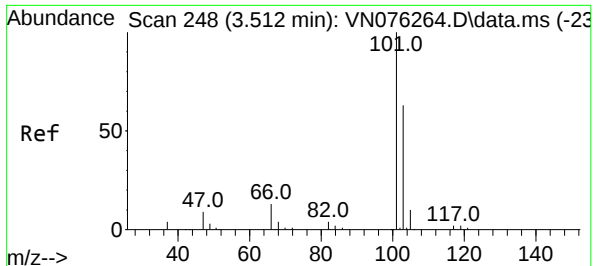
Tgt Ion: 94 Resp: 193362
Ion Ratio Lower Upper
94 100
96 89.5 75.1 112.7



#6
Chloroethane
Concen: 51.422 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 64 Resp: 192481
Ion Ratio Lower Upper
64 100
66 31.0 24.8 37.2

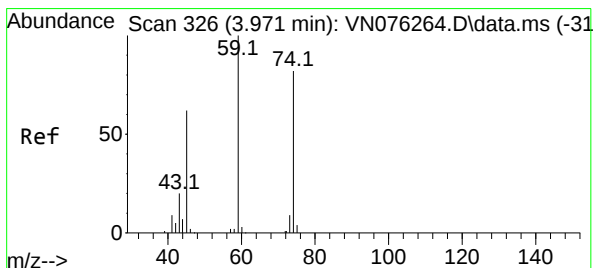
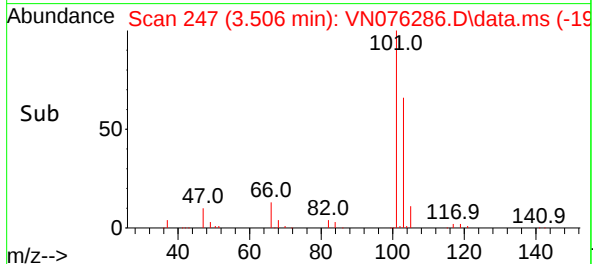
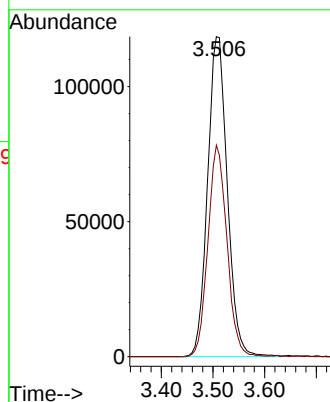
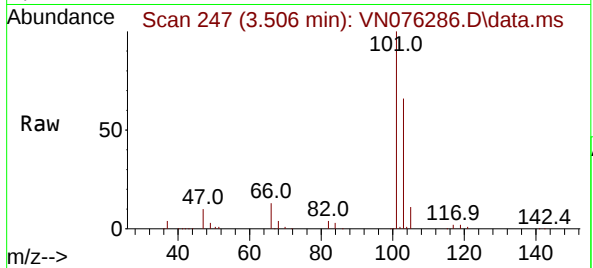




#7
 Trichlorofluoromethane
 Concen: 45.677 ug/l
 RT: 3.506 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VN076286.D
 Acq: 17 Jan 2023 19:31

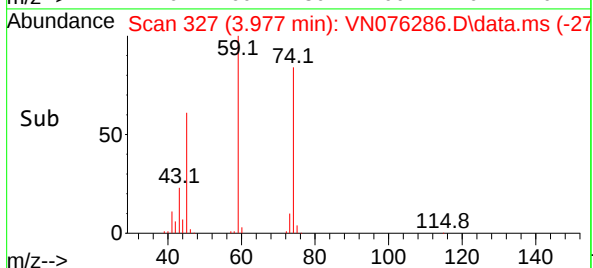
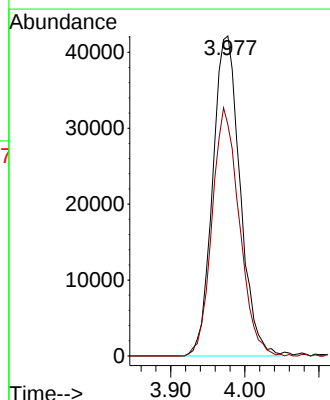
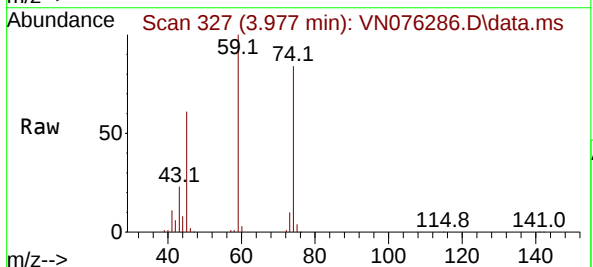
Instrument :
 MSVOA_N
 ClientSampleId :
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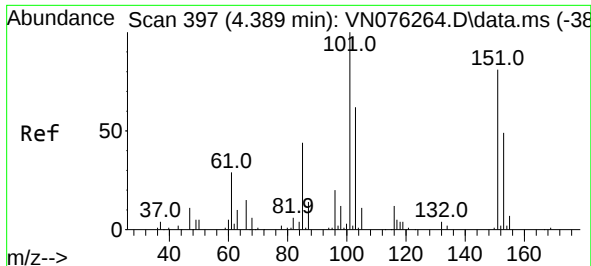
Tgt Ion:101 Resp: 313693
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.2 75.4



#8
 Diethyl Ether
 Concen: 46.938 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN076286.D
 Acq: 17 Jan 2023 19:31

Tgt Ion: 74 Resp: 108122
 Ion Ratio Lower Upper
 74 100
 45 77.3 37.8 113.3

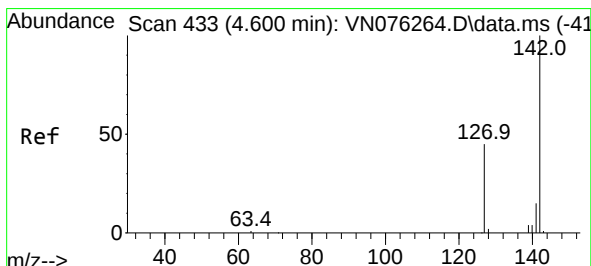
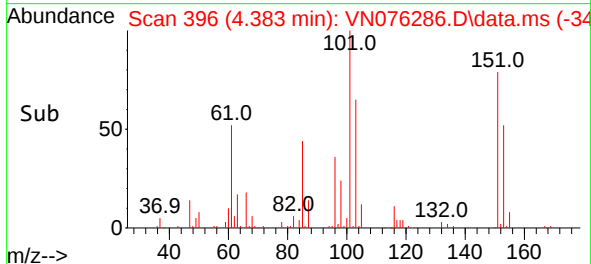
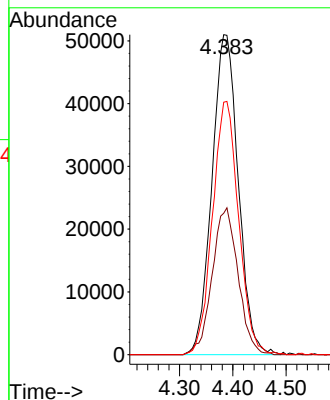
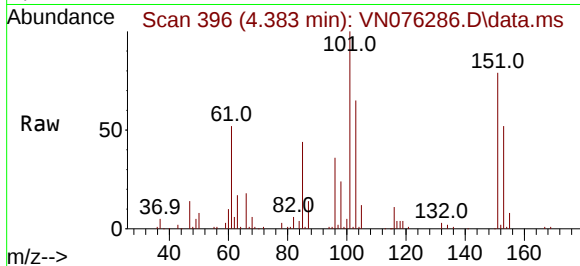




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.051 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

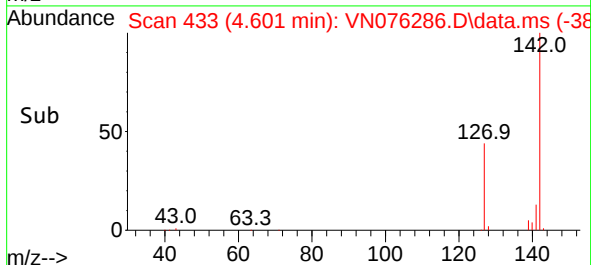
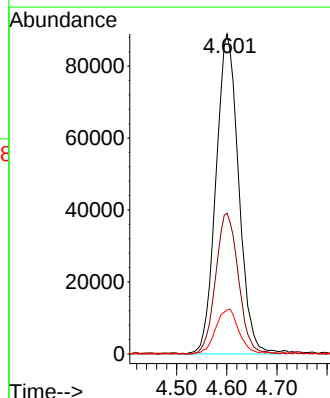
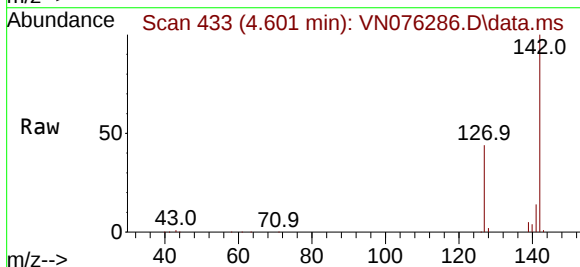
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

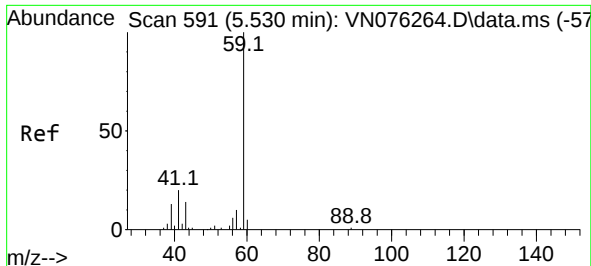
Tgt Ion:101 Resp: 175149
Ion Ratio Lower Upper
101 100
85 45.2 35.5 53.3
151 78.6 65.5 98.3



#10
Methyl Iodide
Concen: 47.152 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.001 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion:142 Resp: 280016
Ion Ratio Lower Upper
142 100
127 44.1 35.0 52.4
141 14.5 11.5 17.3

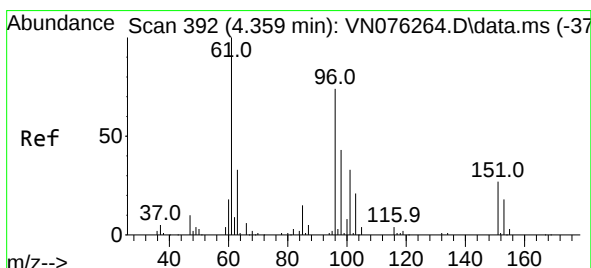
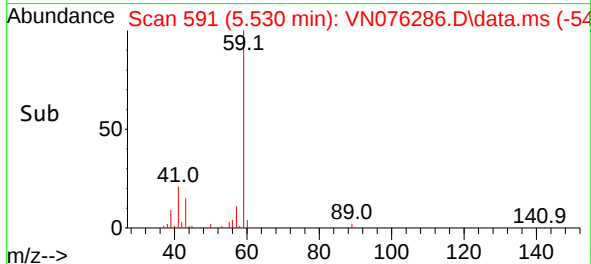
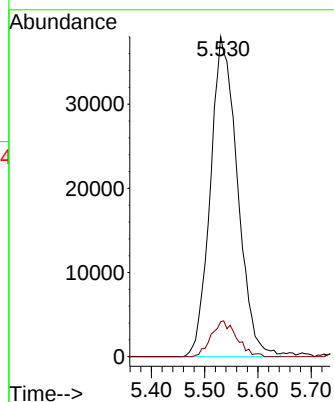
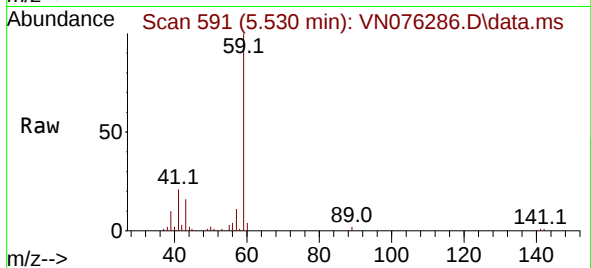




#11
Tert butyl alcohol
Concen: 233.883 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

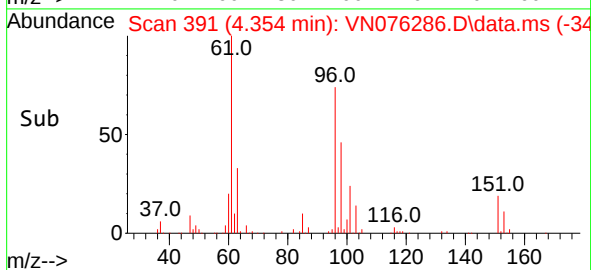
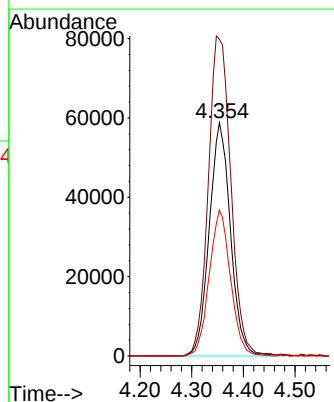
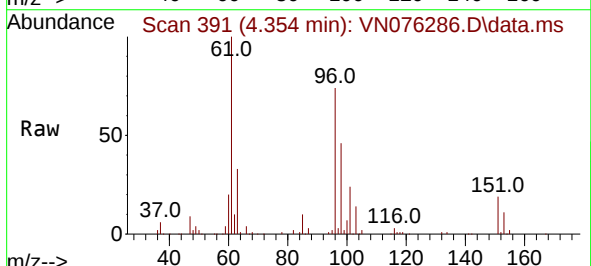
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

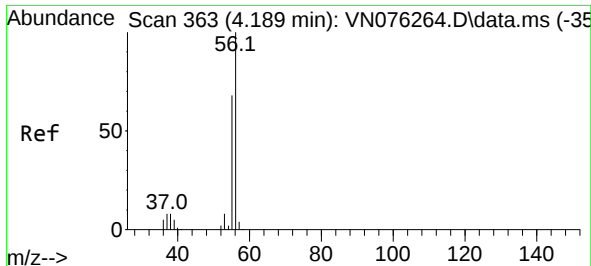
Tgt Ion: 59 Resp: 134401
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#12
1,1-Dichloroethene
Concen: 45.592 ug/l
RT: 4.354 min Scan# 391
Delta R.T. -0.005 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 96 Resp: 167559
Ion Ratio Lower Upper
96 100
61 135.7 108.2 162.4
98 62.5 47.0 70.6





#13

Acrolein

Concen: 246.839 ug/l

RT: 4.195 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

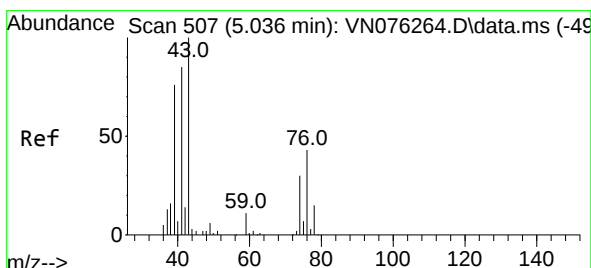
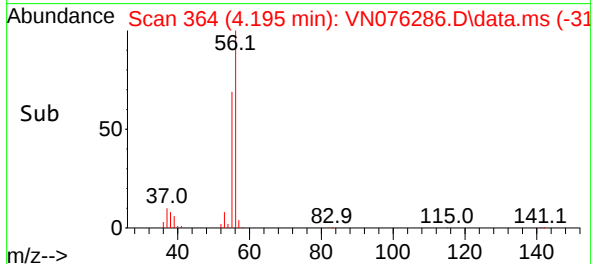
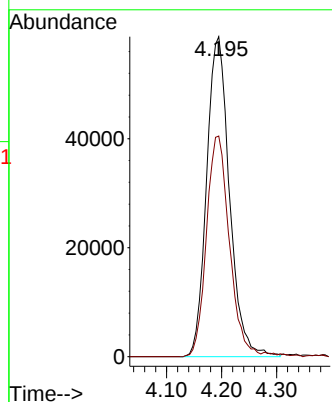
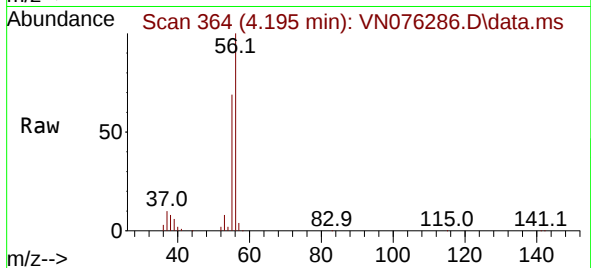
VSTDCCC050EC

Tgt Ion: 56 Resp: 169635

Ion Ratio Lower Upper

56 100

55 69.0 55.8 83.6



#14

Allyl chloride

Concen: 45.593 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

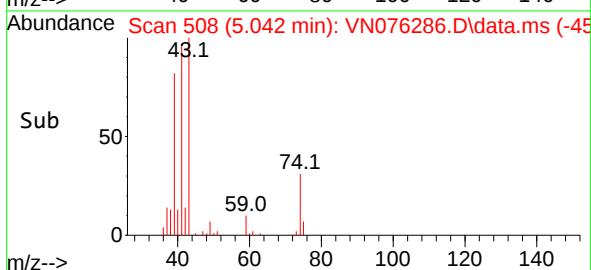
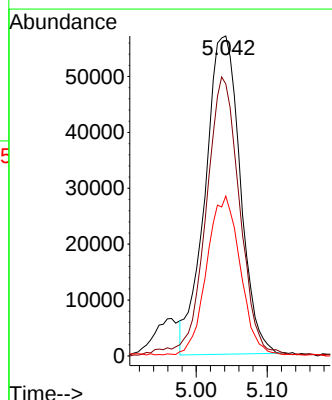
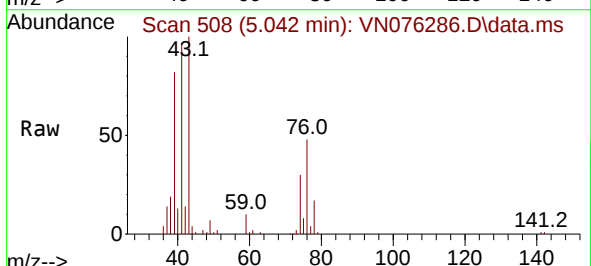
Tgt Ion: 41 Resp: 195267

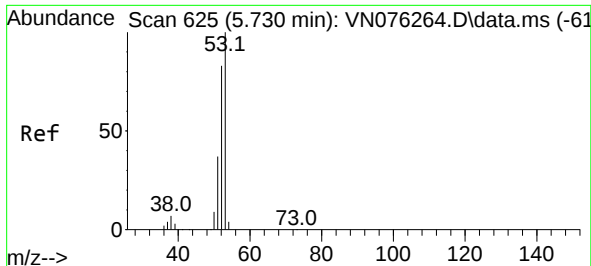
Ion Ratio Lower Upper

41 100

39 84.9 67.4 101.0

76 47.5 39.8 59.8

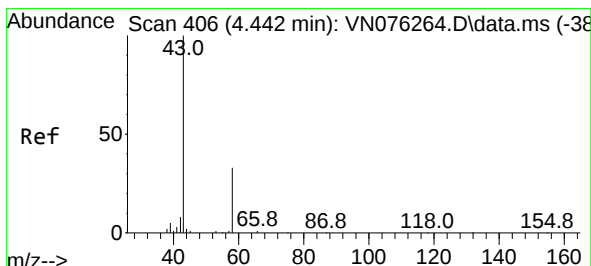
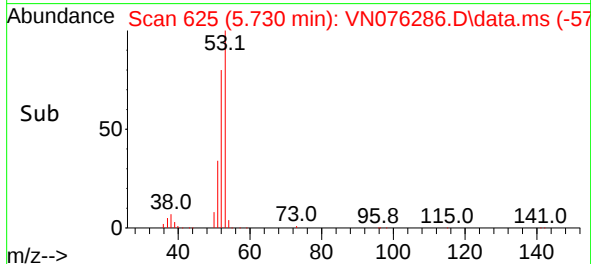
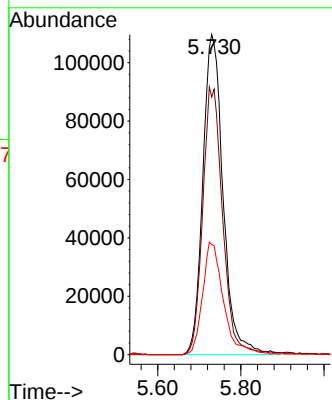
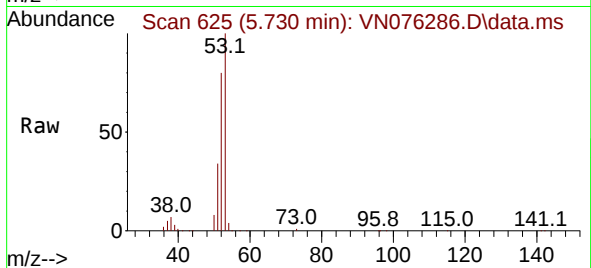




#15
Acrylonitrile
Concen: 227.243 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

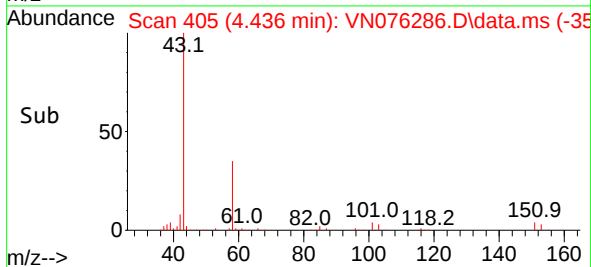
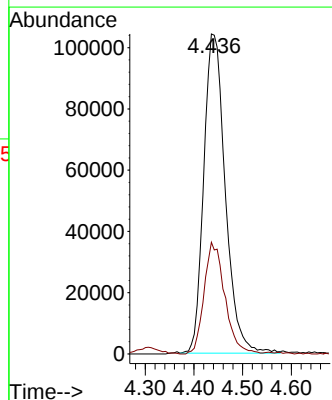
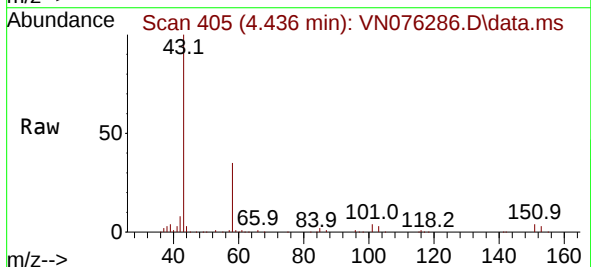
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

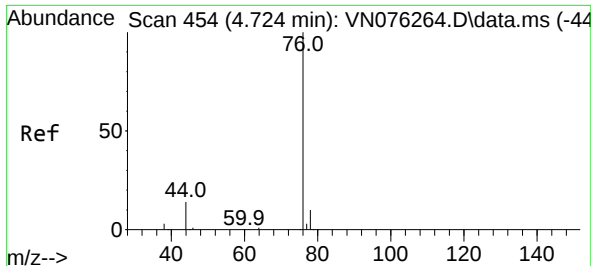
Tgt Ion: 53 Resp: 371605
Ion Ratio Lower Upper
53 100
52 82.4 64.7 97.1
51 36.2 29.2 43.8



#16
Acetone
Concen: 232.847 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 43 Resp: 320695
Ion Ratio Lower Upper
43 100
58 35.0 26.7 40.1

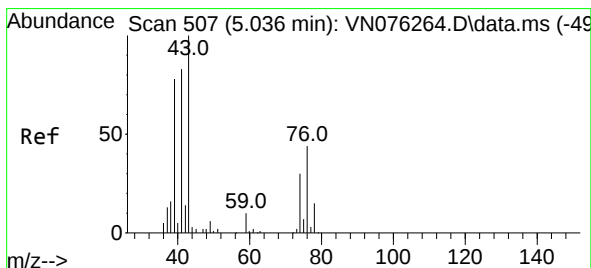
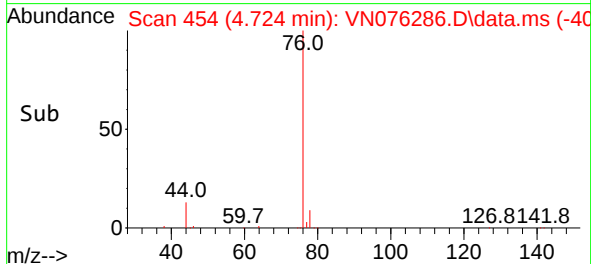
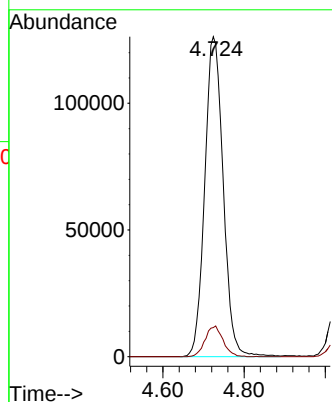
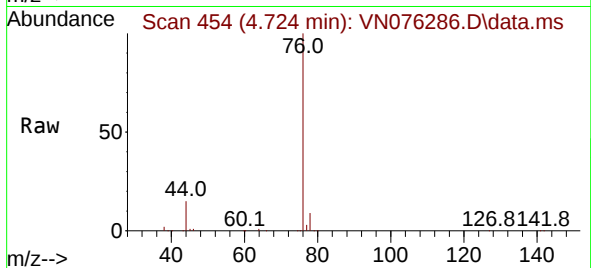




#17
Carbon Disulfide
Concen: 43.494 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

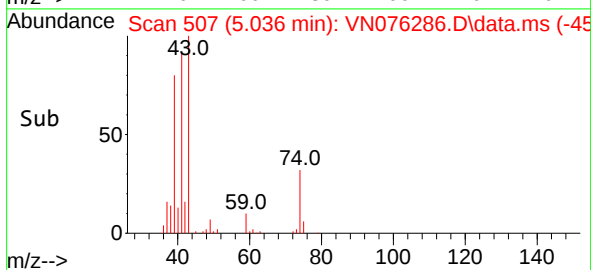
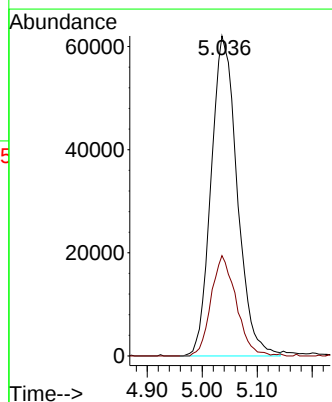
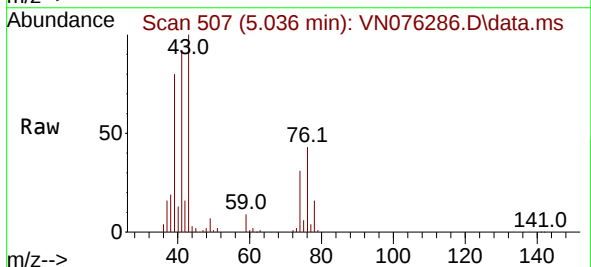
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

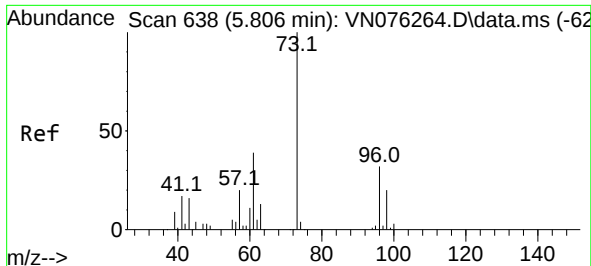
Tgt Ion: 76 Resp: 398013
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0



#18
Methyl Acetate
Concen: 43.819 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 43 Resp: 204526
Ion Ratio Lower Upper
43 100
74 30.2 23.3 34.9

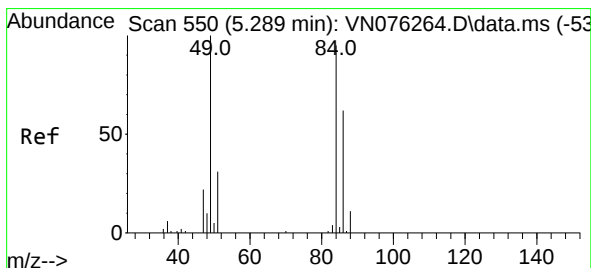
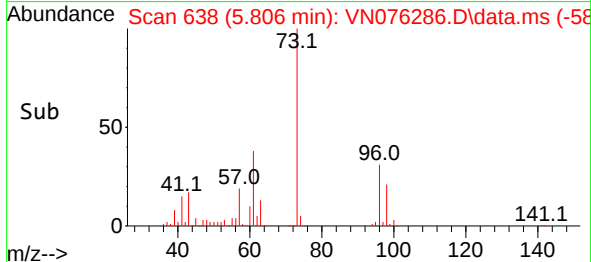
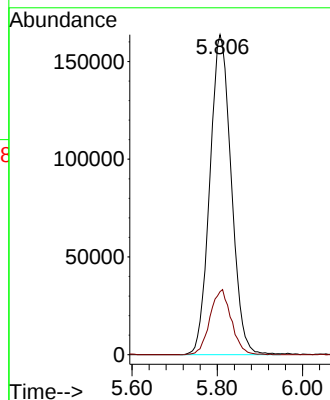
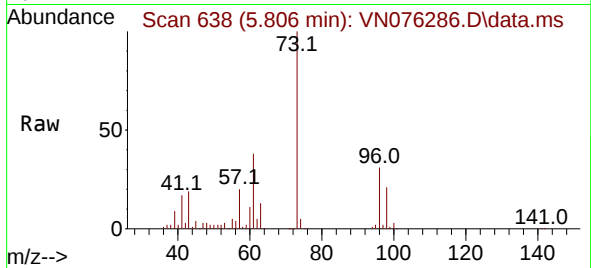




#19
Methyl tert-butyl Ether
Concen: 47.767 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

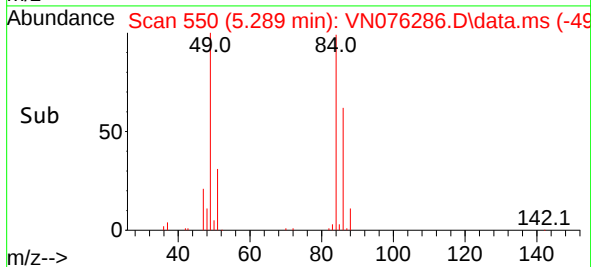
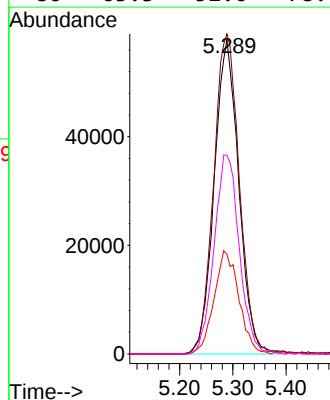
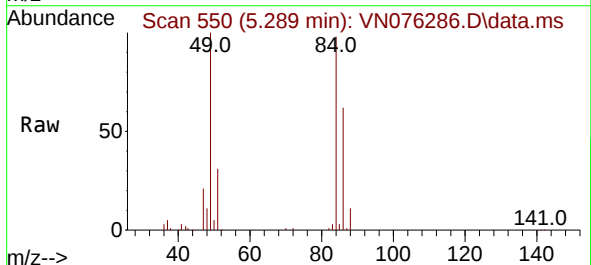
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

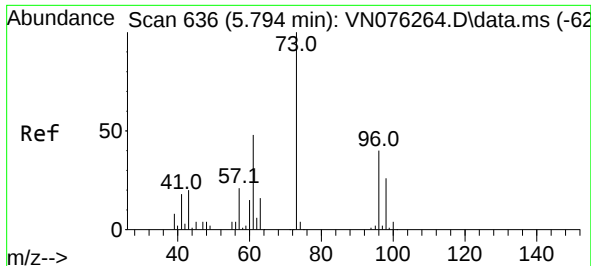
Tgt Ion: 73 Resp: 571518
Ion Ratio Lower Upper
73 100
57 19.7 15.9 23.9



#20
Methylene Chloride
Concen: 45.364 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 84 Resp: 185102
Ion Ratio Lower Upper
84 100
49 102.0 84.5 126.7
51 31.8 26.0 39.0
86 63.3 52.0 78.0

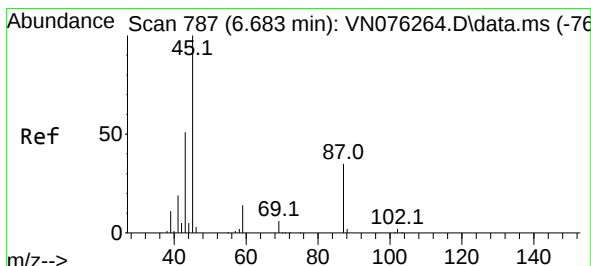
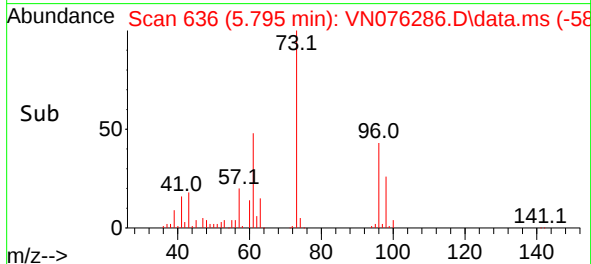
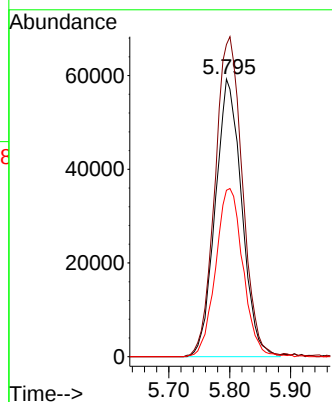
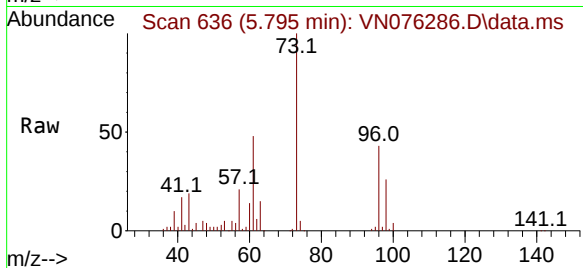




#21
trans-1,2-Dichloroethene
Concen: 44.855 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

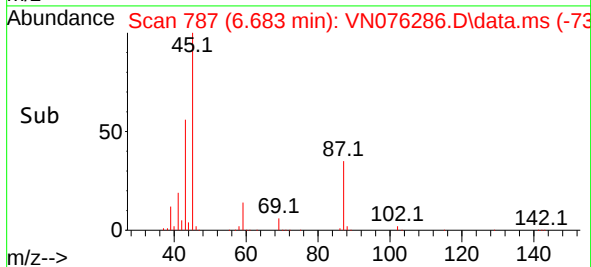
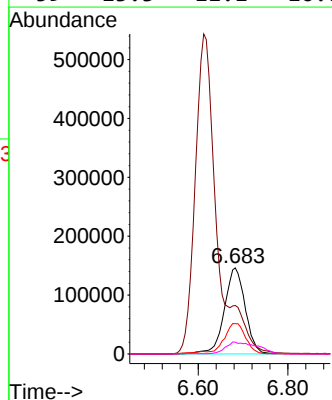
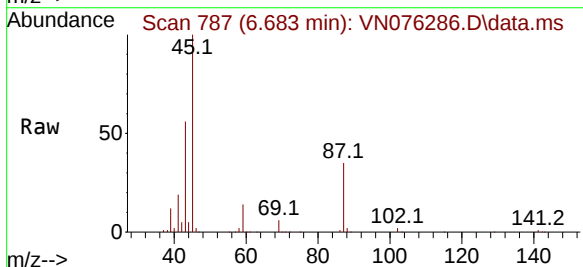
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

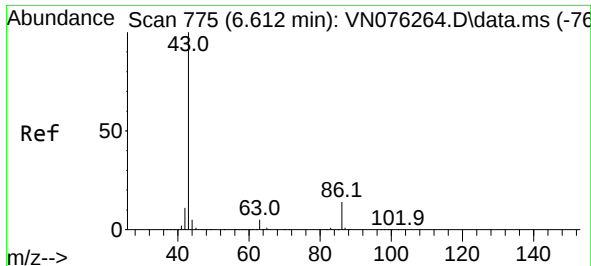
Tgt Ion: 96 Resp: 178588
Ion Ratio Lower Upper
96 100
61 112.5 97.0 145.4
98 59.9 51.9 77.9



#22
Diisopropyl ether
Concen: 46.759 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 45 Resp: 472271
Ion Ratio Lower Upper
45 100
43 55.0 44.4 66.6
87 34.8 28.4 42.6
59 13.3 11.1 16.7

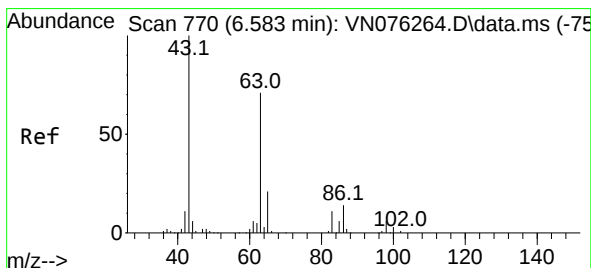
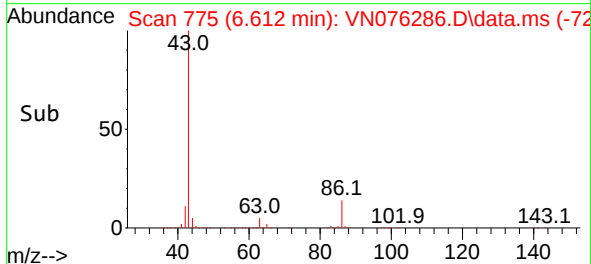
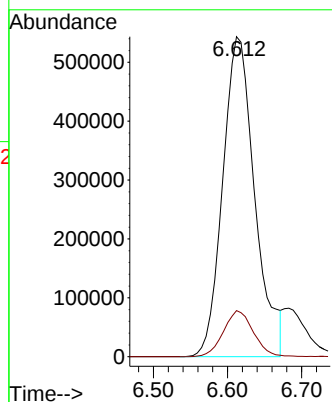
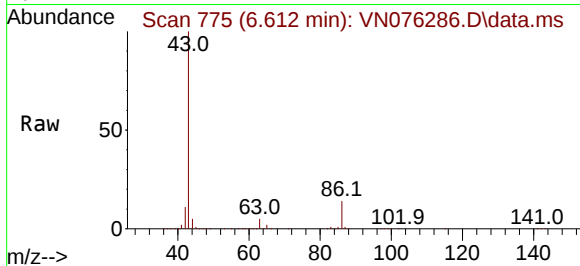




#23
 Vinyl Acetate
 Concen: 249.825 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076286.D
 Acq: 17 Jan 2023 19:31

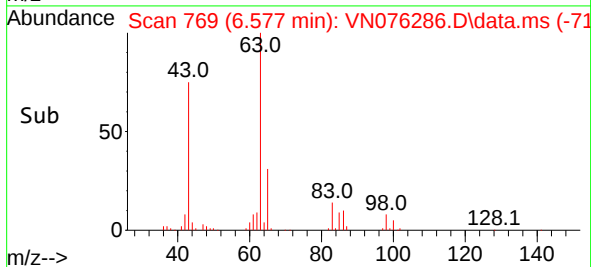
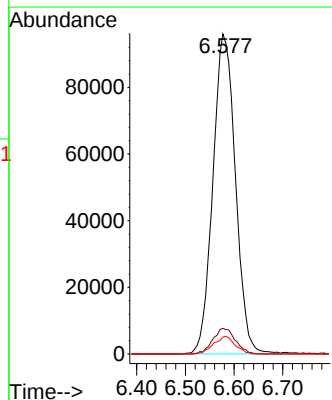
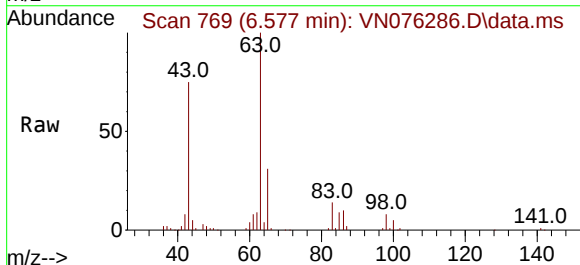
Instrument :
 MSVOA_N
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 VSTDCCC050EC

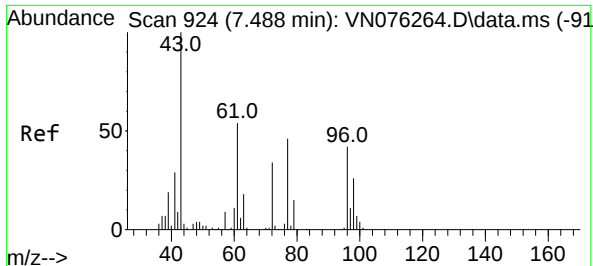
Tgt Ion: 43 Resp: 1630754
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 45.816 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076286.D
 Acq: 17 Jan 2023 19:31

Tgt Ion: 63 Resp: 308453
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 5.2 2.2 6.6





#25

2-Butanone

Concen: 226.796 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.001 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

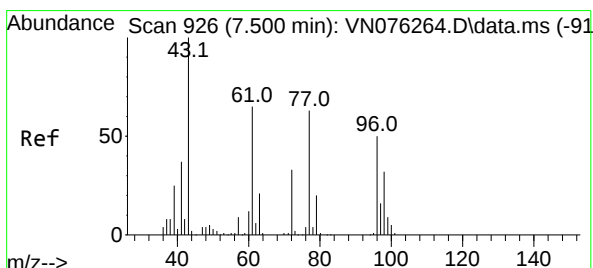
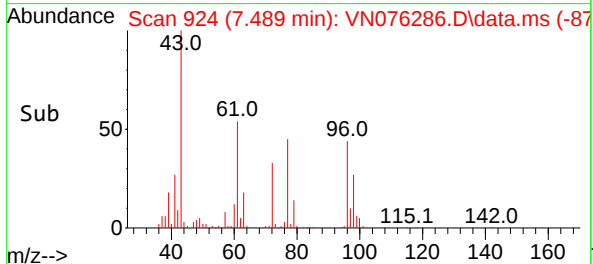
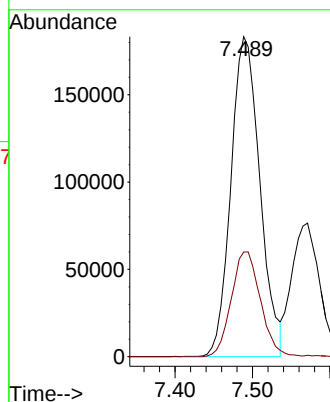
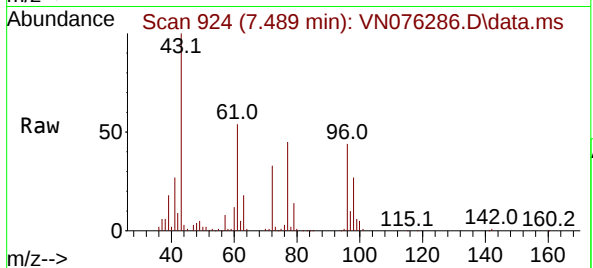
VSTDCCC050EC

Tgt Ion: 43 Resp: 477059

Ion Ratio Lower Upper

43 100

72 32.7 27.4 41.2



#26

2,2-Dichloropropane

Concen: 46.192 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076286.D

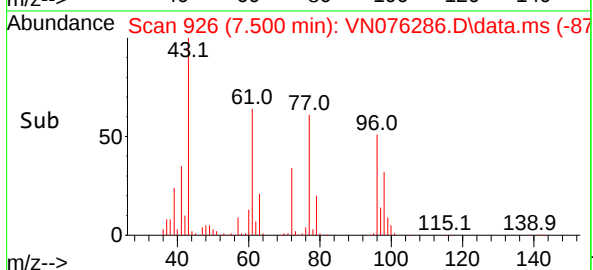
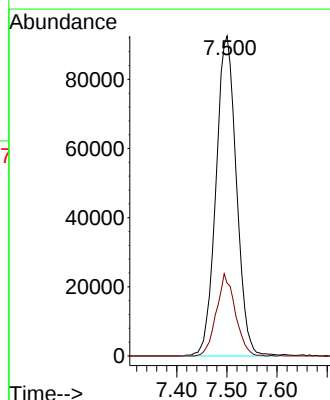
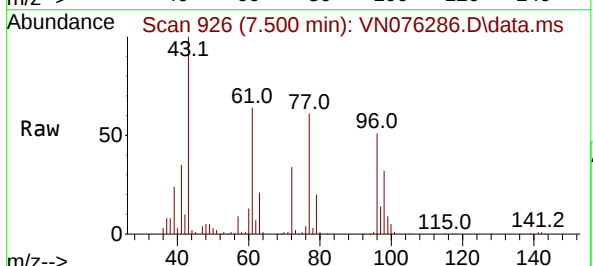
Acq: 17 Jan 2023 19:31

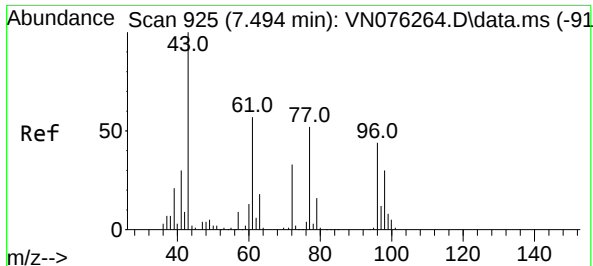
Tgt Ion: 77 Resp: 262107

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 45.887 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

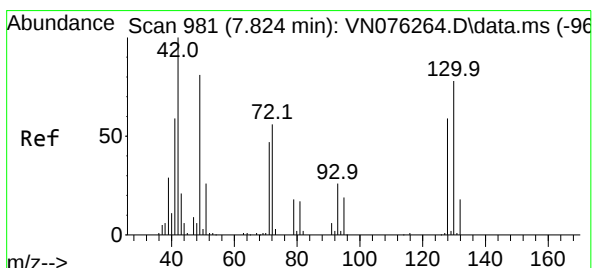
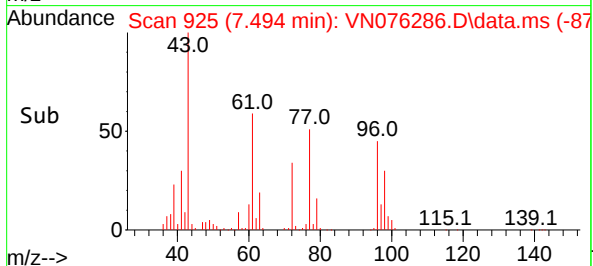
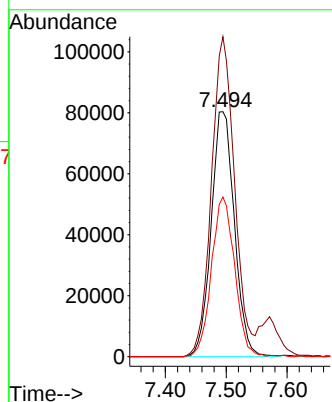
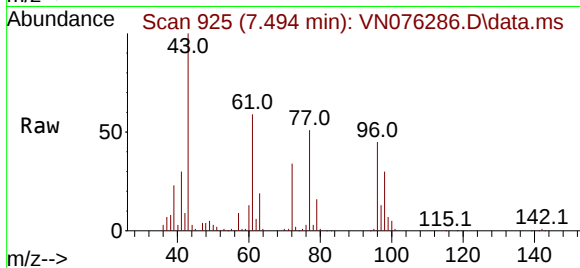
Tgt Ion: 96 Resp: 213084

Ion Ratio Lower Upper

96 100

61 130.1 0.0 259.6

98 64.9 0.0 129.4



#28

Bromochloromethane

Concen: 45.999 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

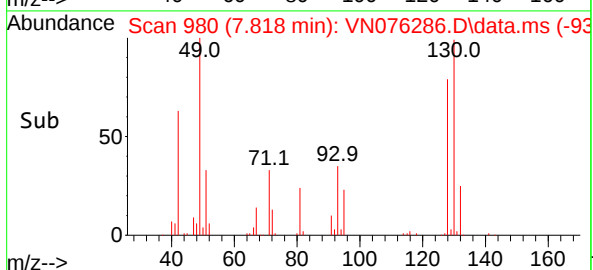
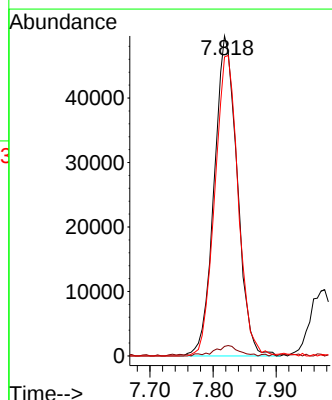
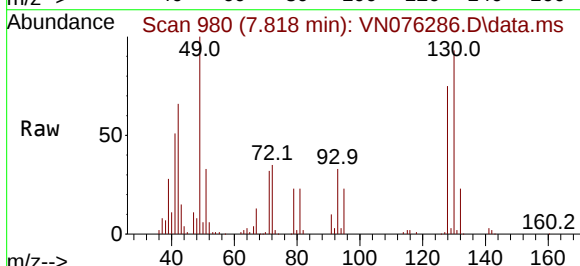
Tgt Ion: 49 Resp: 125523

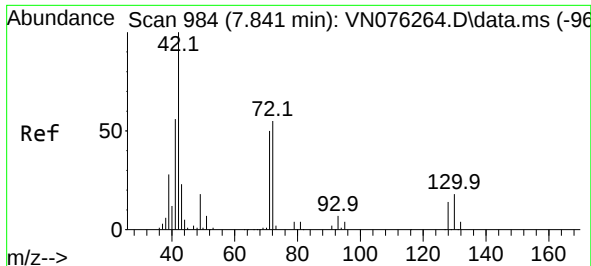
Ion Ratio Lower Upper

49 100

129 3.2 0.0 5.2

130 95.2 76.0 114.0





#29

Tetrahydrofuran

Concen: 237.785 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

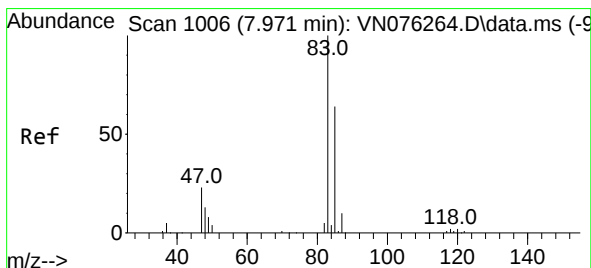
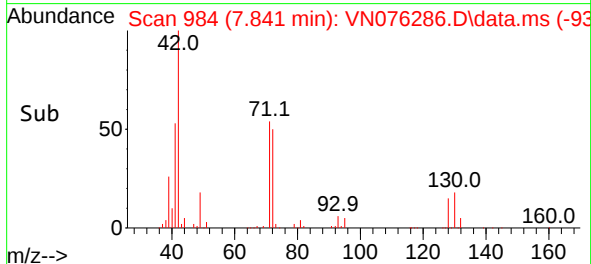
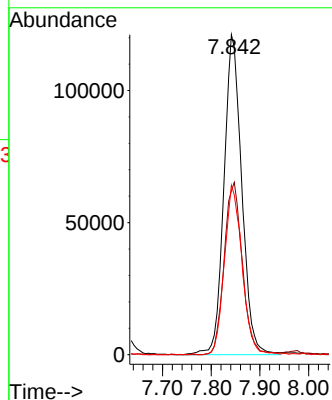
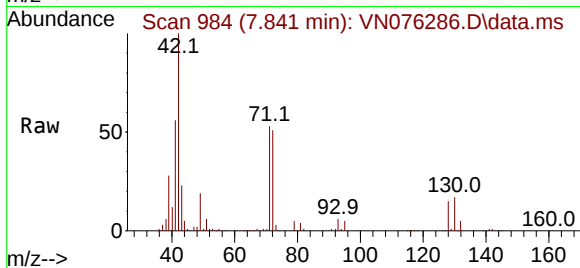
Tgt Ion: 42 Resp: 308700

Ion Ratio Lower Upper

42 100

72 54.8 44.0 66.0

71 52.6 41.1 61.7



#30

Chloroform

Concen: 46.318 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076286.D

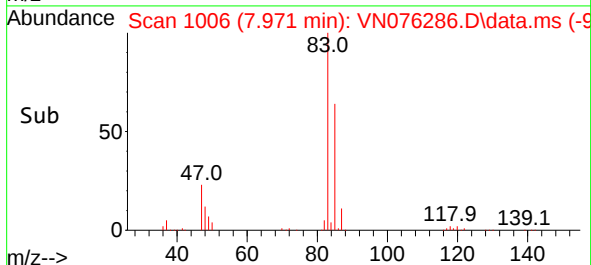
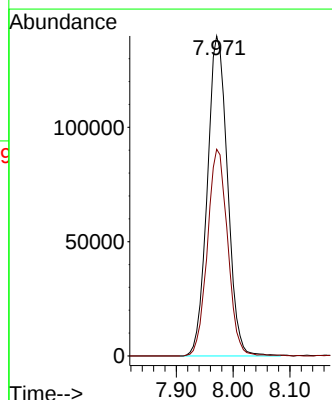
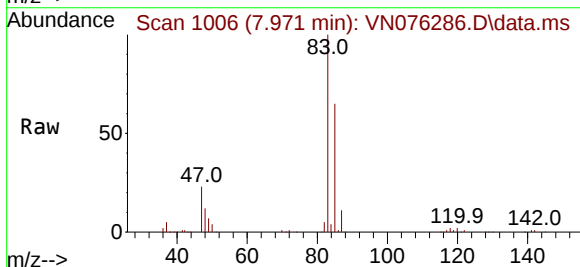
Acq: 17 Jan 2023 19:31

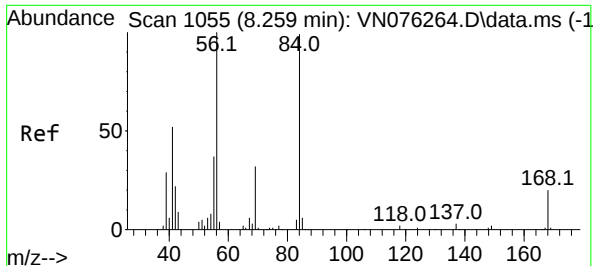
Tgt Ion: 83 Resp: 345046

Ion Ratio Lower Upper

83 100

85 64.6 51.0 76.6

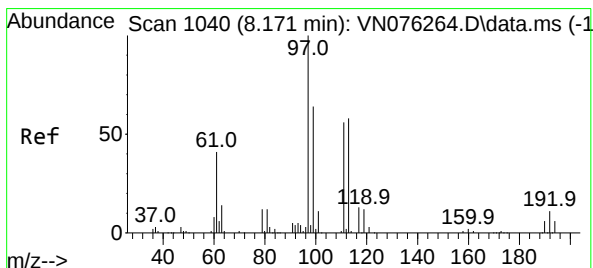
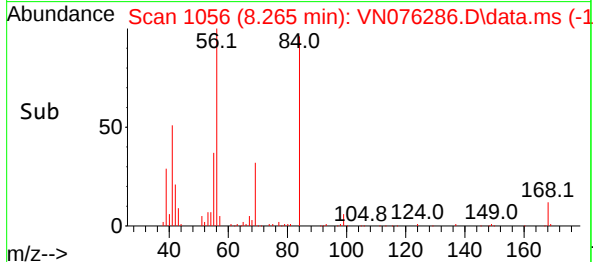
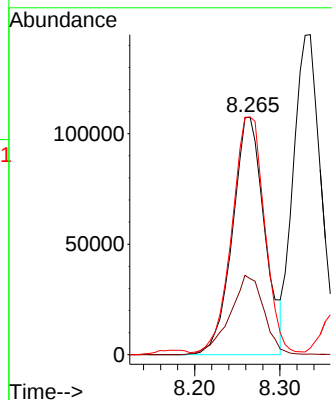
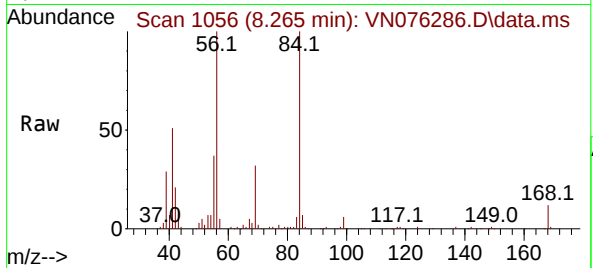




#31
Cyclohexane
Concen: 42.522 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

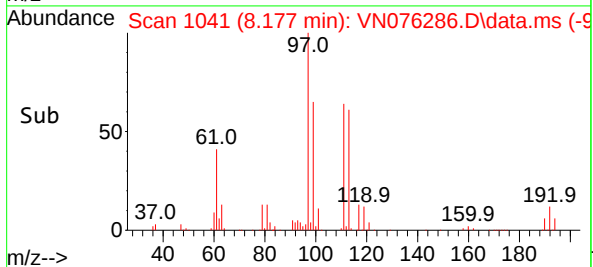
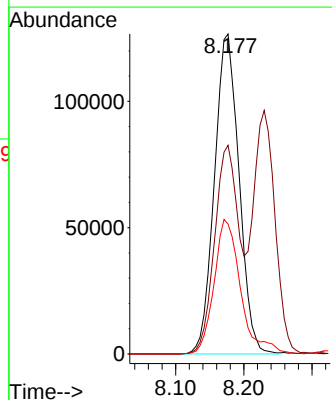
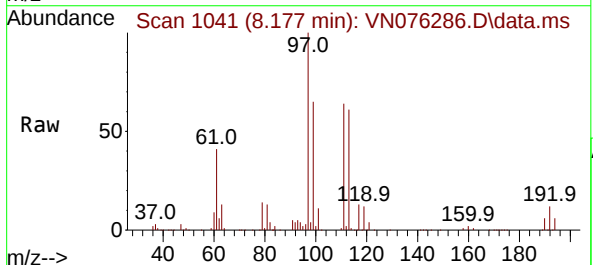
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

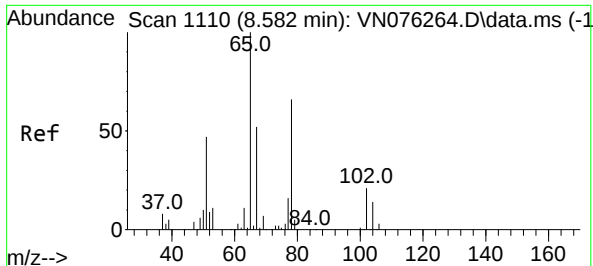
Tgt Ion: 56 Resp: 280631
Ion Ratio Lower Upper
56 100
69 32.0 25.8 38.8
84 98.1 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 46.825 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 97 Resp: 318468
Ion Ratio Lower Upper
97 100
99 63.6 55.0 82.4
61 45.5 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 49.463 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

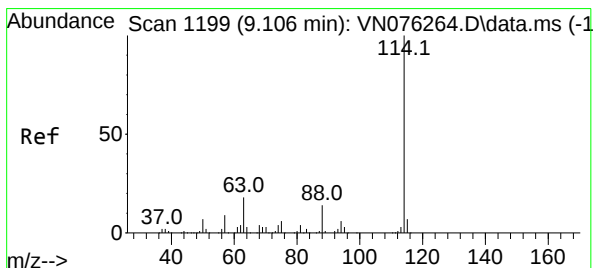
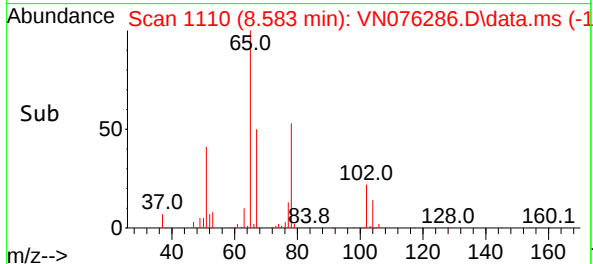
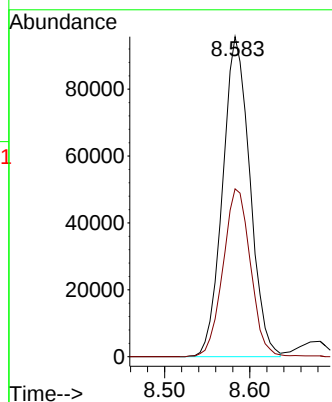
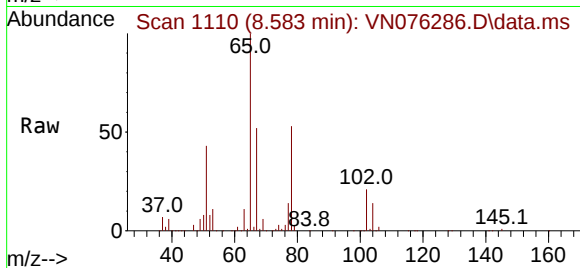
VSTDCCC050EC

Tgt Ion: 65 Resp: 212505

Ion Ratio Lower Upper

65 100

67 53.0 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: VN076286.D

Acq: 17 Jan 2023 19:31

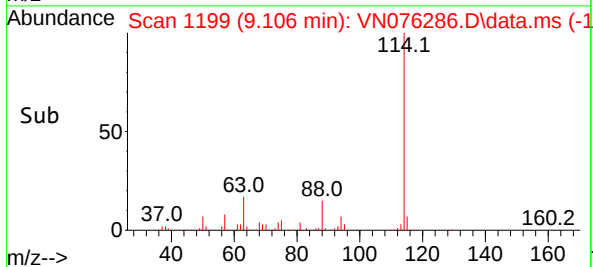
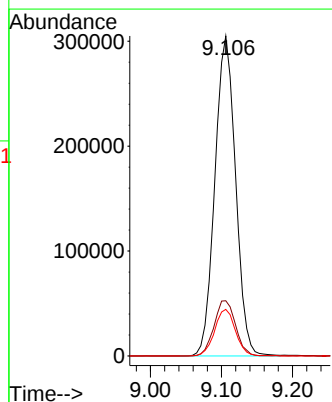
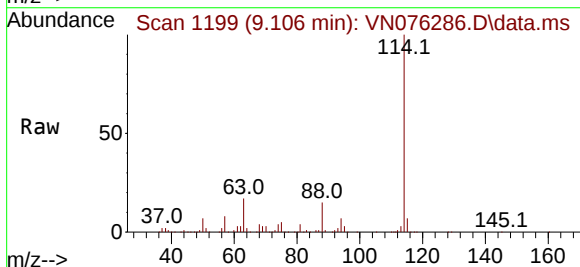
Tgt Ion: 114 Resp: 616575

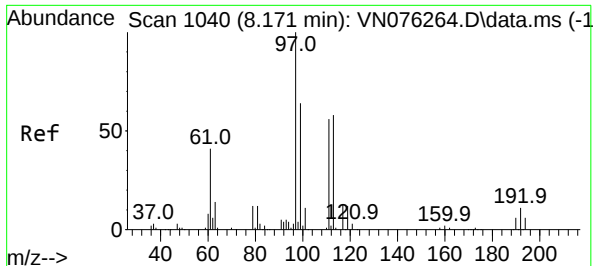
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.8

88 14.6 0.0 28.0





#35

Dibromofluoromethane

Concen: 49.822 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

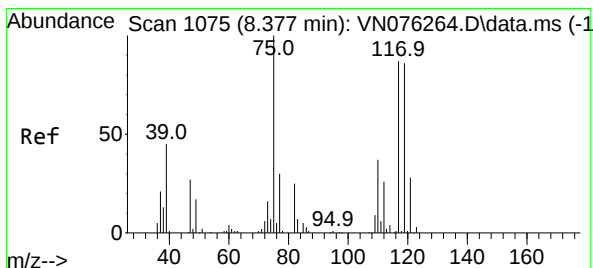
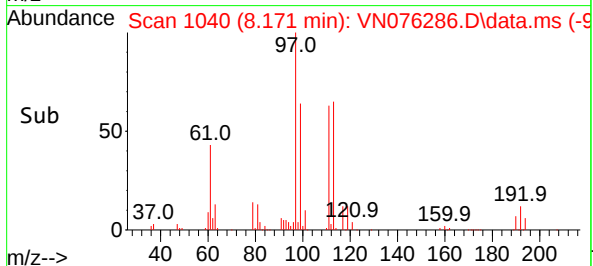
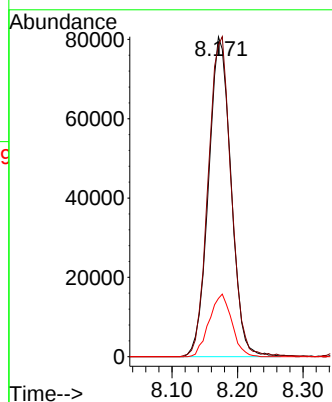
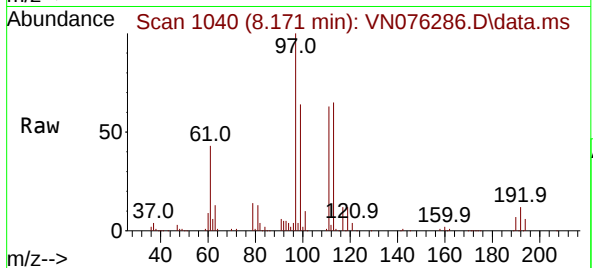
Tgt Ion:113 Resp: 192162

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 19.7 15.6 23.4



#36

1,1-Dichloropropene

Concen: 45.868 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

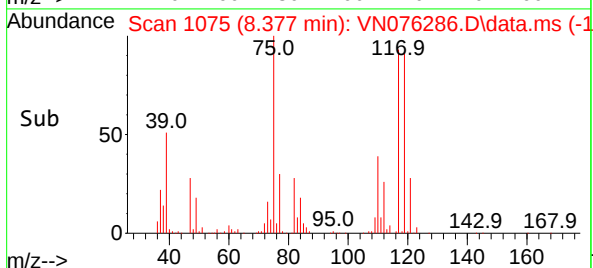
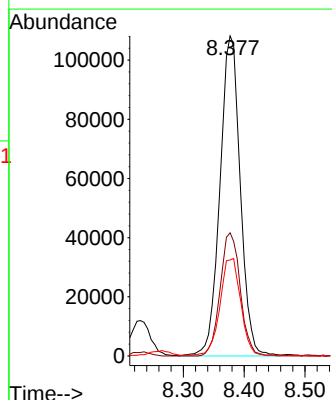
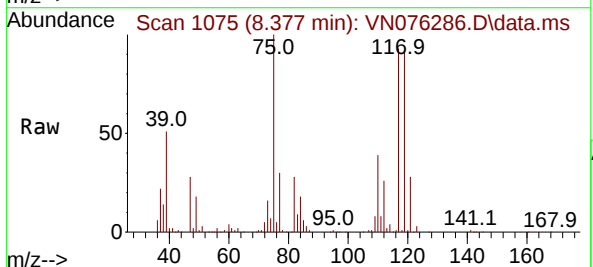
Tgt Ion: 75 Resp: 251383

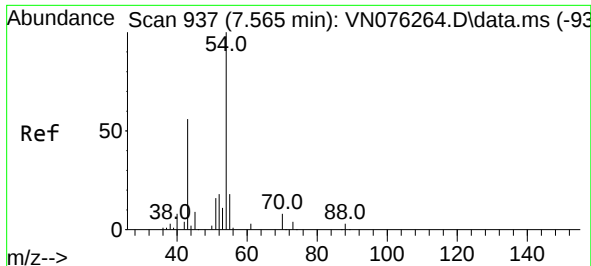
Ion Ratio Lower Upper

75 100

110 38.0 18.8 56.3

77 31.2 25.0 37.4

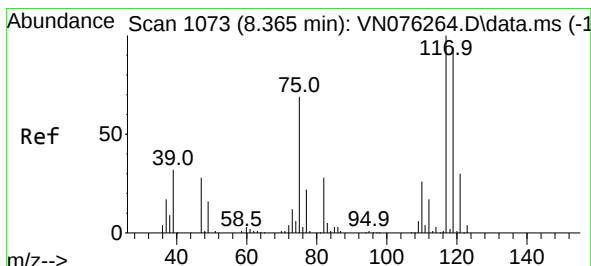
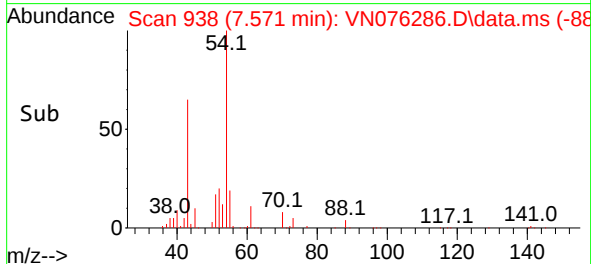
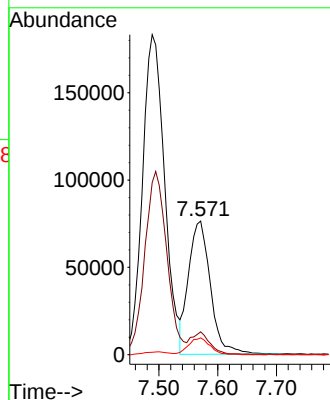
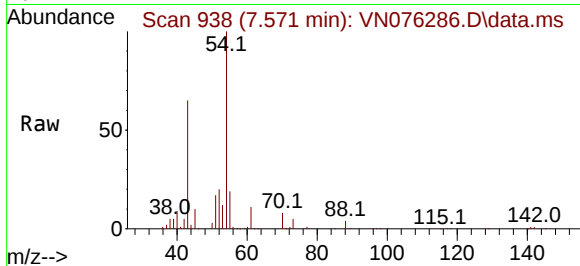




#37
Ethyl Acetate
Concen: 44.899 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

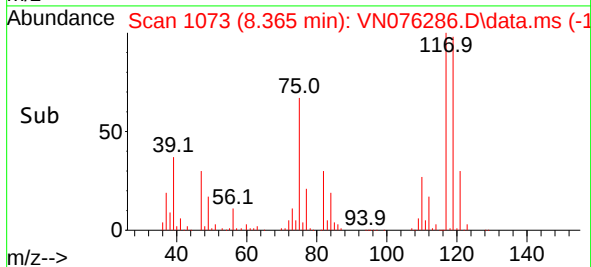
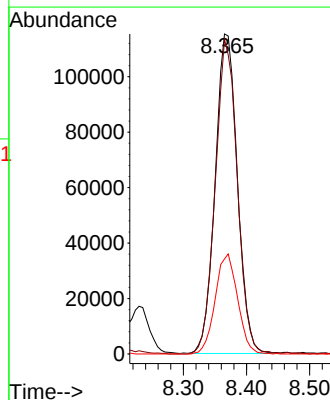
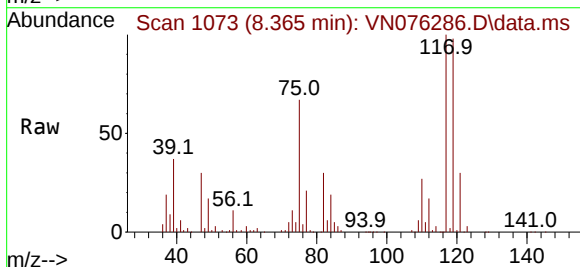
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

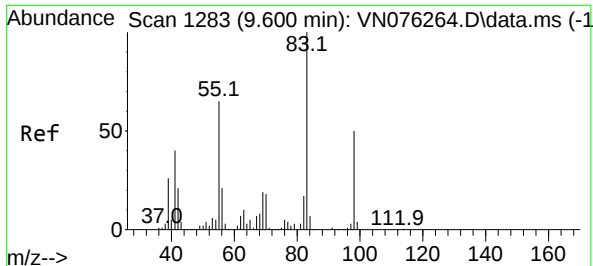
Tgt Ion: 43 Resp: 197357
Ion Ratio Lower Upper
43 100
61 14.7 11.1 16.7
70 12.4 10.0 15.0



#38
Carbon Tetrachloride
Concen: 46.207 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 117 Resp: 282404
Ion Ratio Lower Upper
117 100
119 98.4 75.4 113.0
121 29.8 24.2 36.2





#39

Methylcyclohexane

Concen: 47.467 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

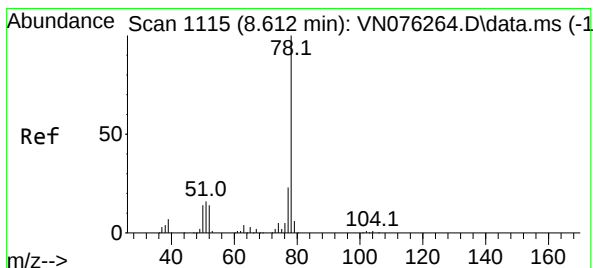
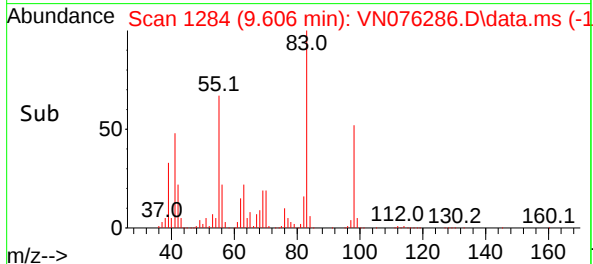
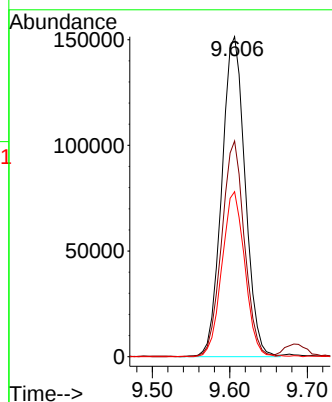
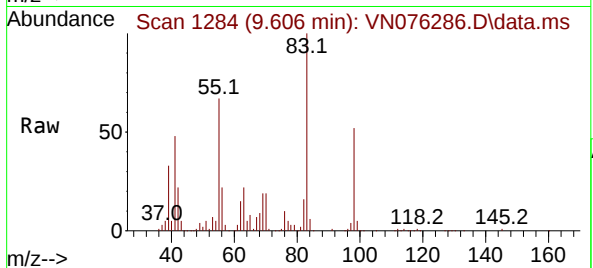
Tgt Ion: 83 Resp: 317688

Ion Ratio Lower Upper

83 100

55 67.4 51.7 77.5

98 51.4 40.0 60.0



#40

Benzene

Concen: 45.451 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076286.D

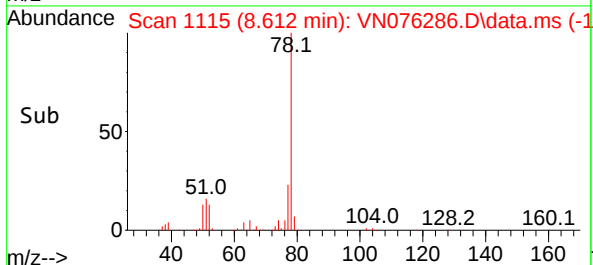
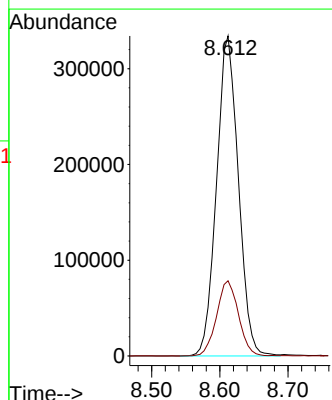
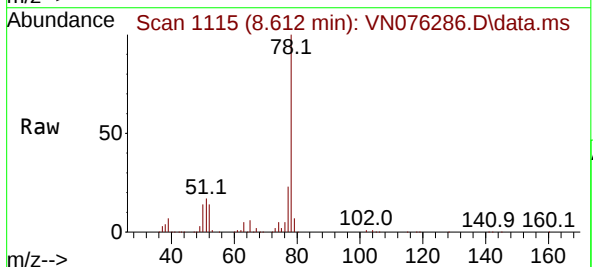
Acq: 17 Jan 2023 19:31

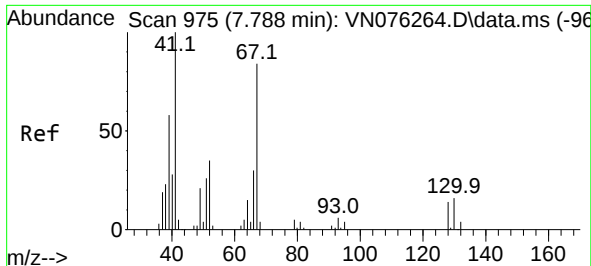
Tgt Ion: 78 Resp: 744852

Ion Ratio Lower Upper

78 100

77 23.5 18.6 28.0



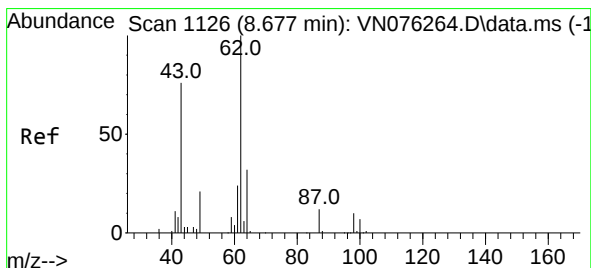
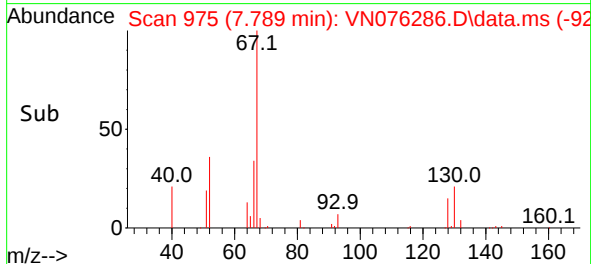
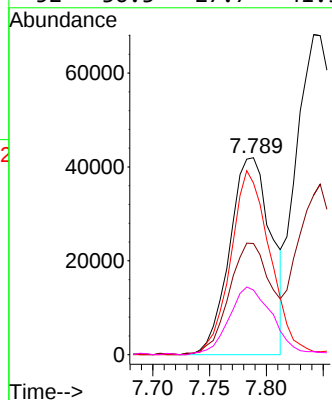
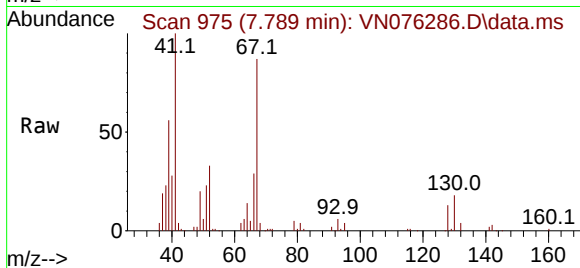


#41
Methacrylonitrile
Concen: 46.516 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 107066

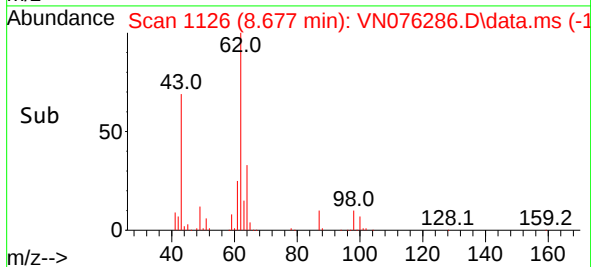
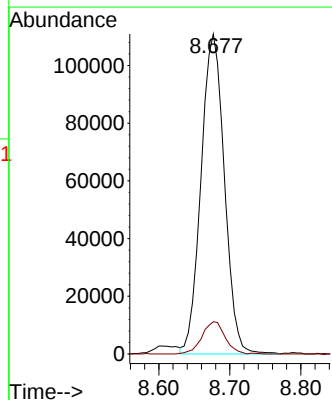
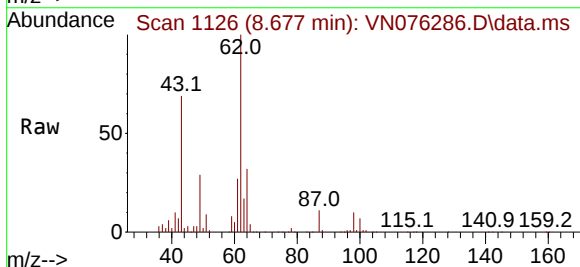
Ion	Ratio	Lower	Upper
41	100		
39	57.1	42.4	63.6
67	88.9	68.8	103.2
52	36.3	27.7	41.5

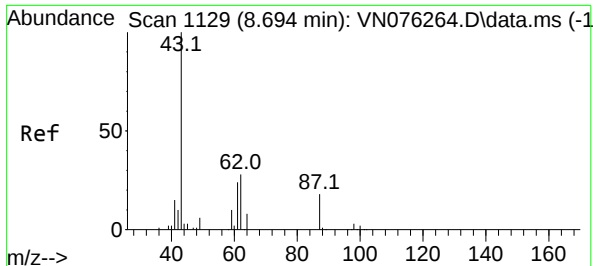


#42
1,2-Dichloroethane
Concen: 45.306 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 62 Resp: 254036

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4





#43

Isopropyl Acetate

Concen: 49.482 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

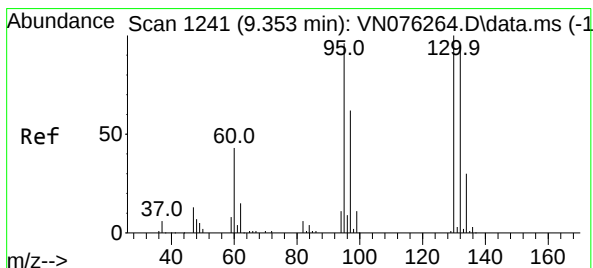
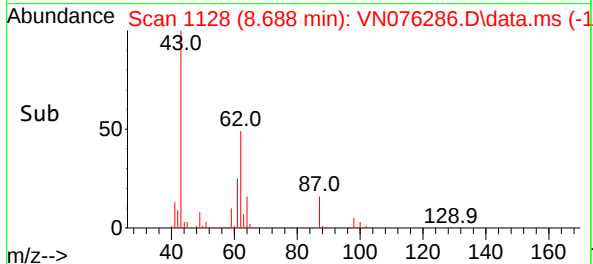
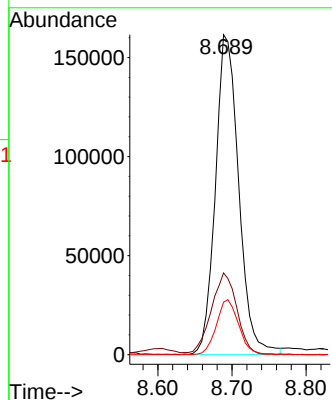
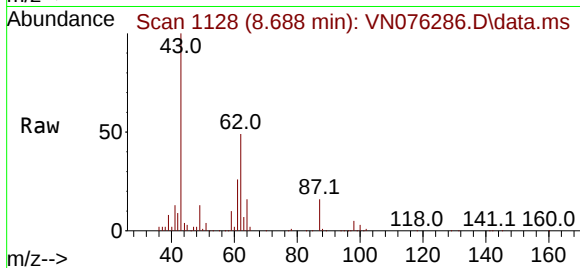
Tgt Ion: 43 Resp: 353862

Ion Ratio Lower Upper

43 100

61 28.3 23.5 35.3

87 16.4 13.8 20.6



#44

Trichloroethene

Concen: 45.281 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VN076286.D

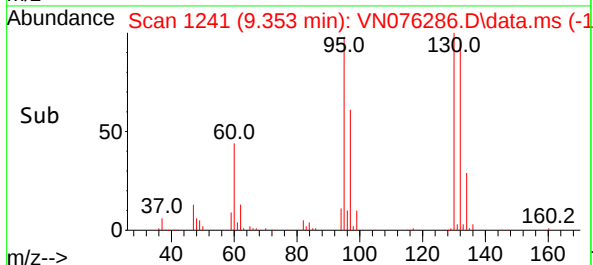
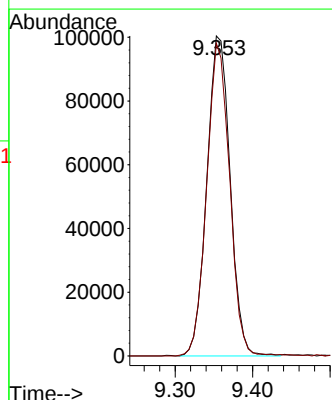
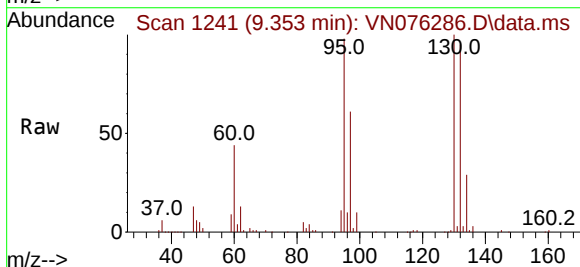
Acq: 17 Jan 2023 19:31

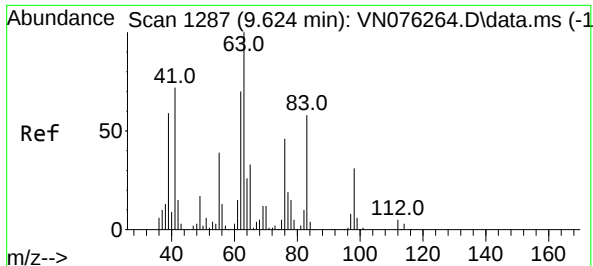
Tgt Ion:130 Resp: 209878

Ion Ratio Lower Upper

130 100

95 97.5 0.0 192.0





#45

1,2-Dichloropropane

Concen: 45.847 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

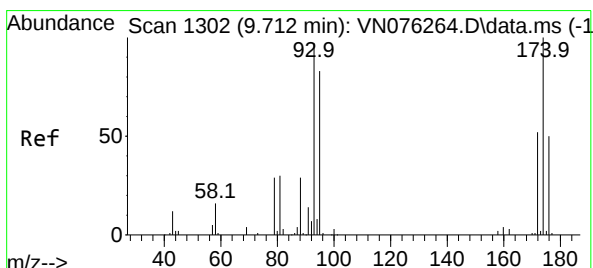
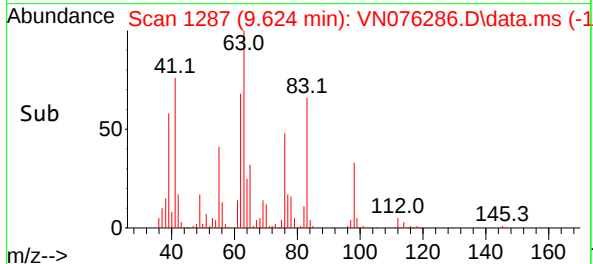
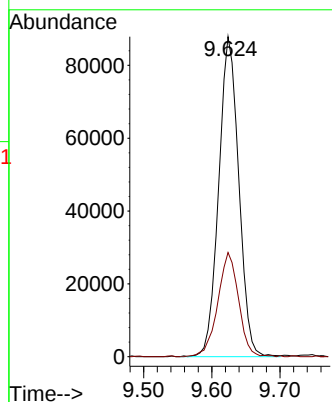
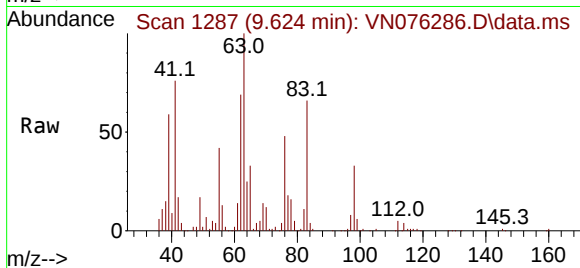
VSTDCCC050EC

Tgt Ion: 63 Resp: 179886

Ion Ratio Lower Upper

63 100

65 32.6 26.4 39.6



#46

Dibromomethane

Concen: 45.667 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

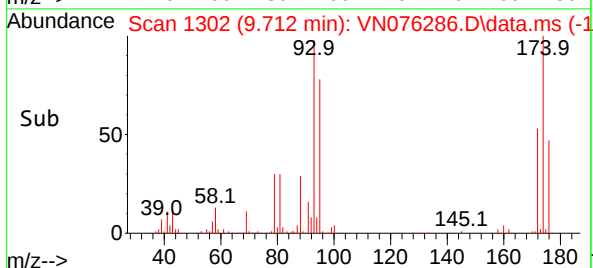
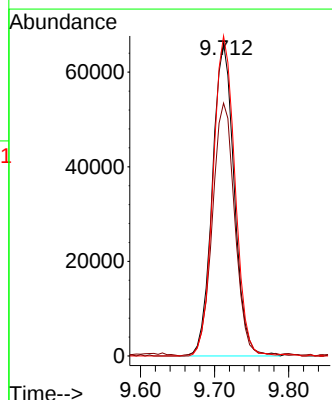
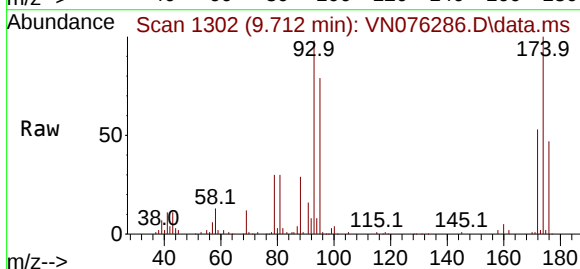
Tgt Ion: 93 Resp: 135284

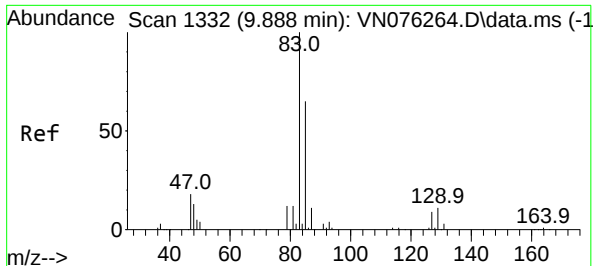
Ion Ratio Lower Upper

93 100

95 82.8 66.0 99.0

174 102.4 81.3 121.9

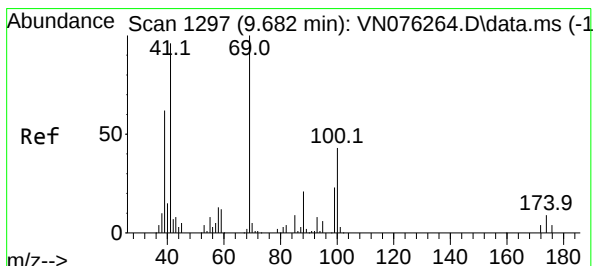
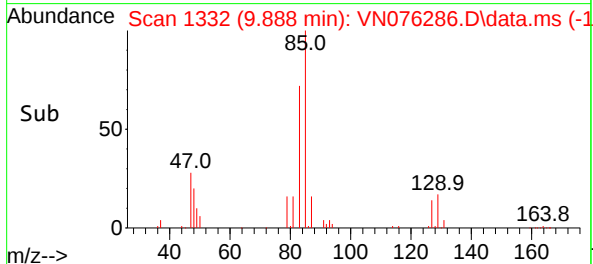
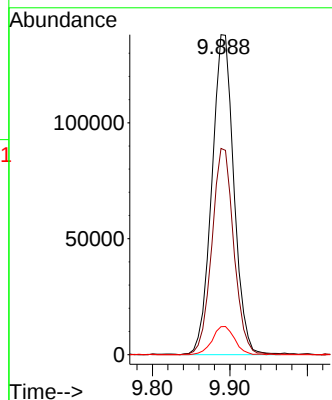
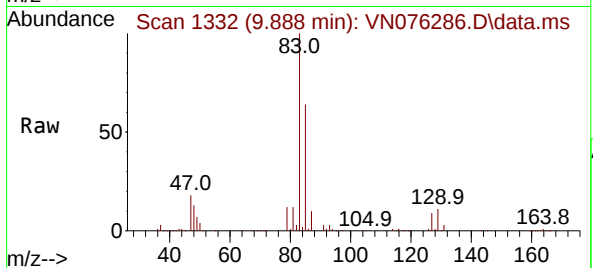




#47
Bromodichloromethane
Concen: 47.585 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

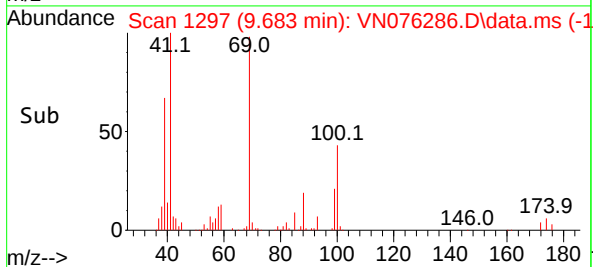
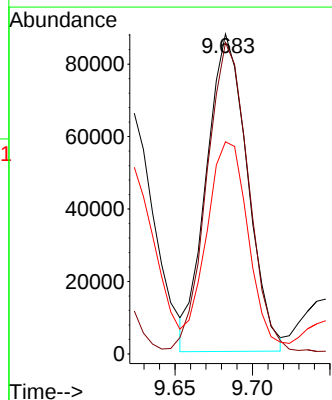
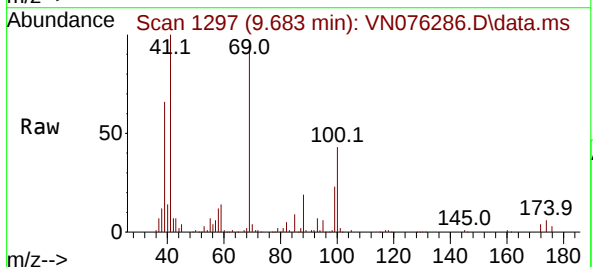
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

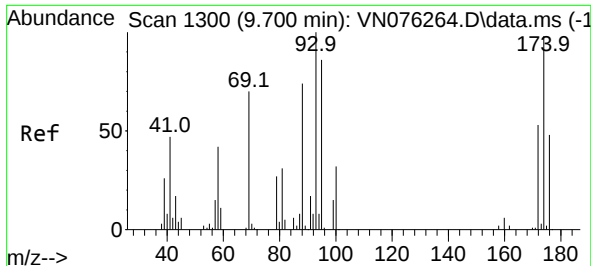
Tgt Ion: 83 Resp: 273405
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 47.643 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.001 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 41 Resp: 161300
Ion Ratio Lower Upper
41 100
69 100.5 80.8 121.2
39 69.6 54.4 81.6

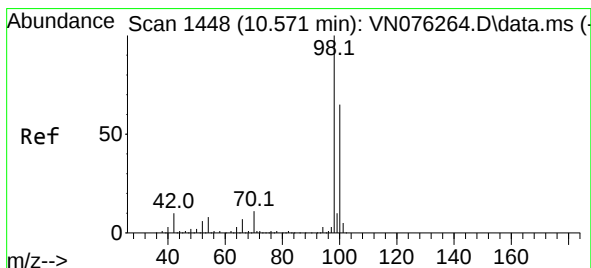
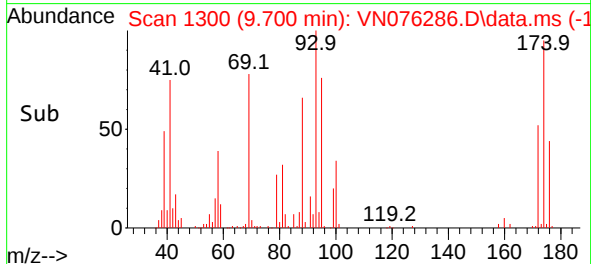
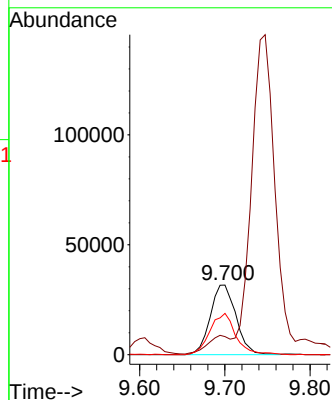
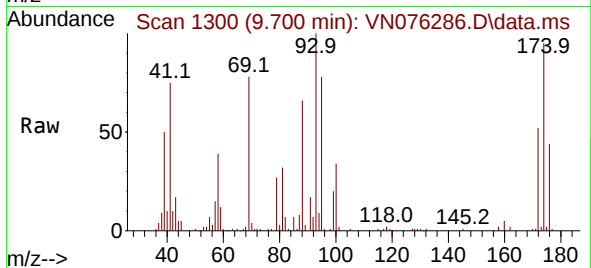




#49
1,4-Dioxane
Concen: 929.752 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

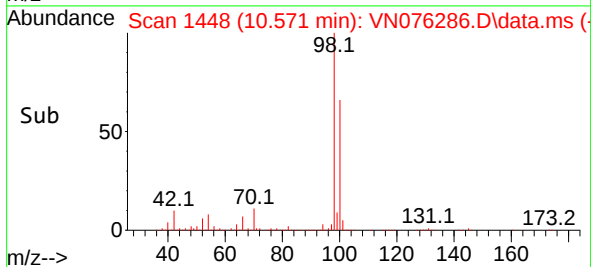
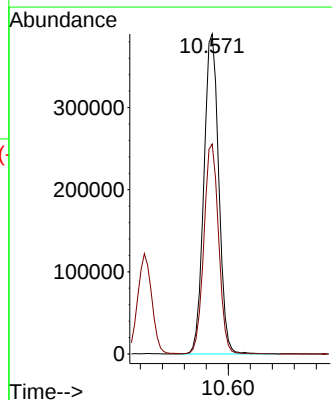
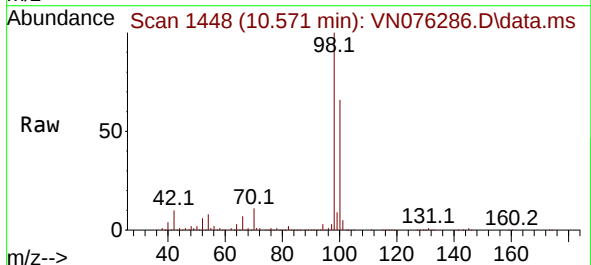
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

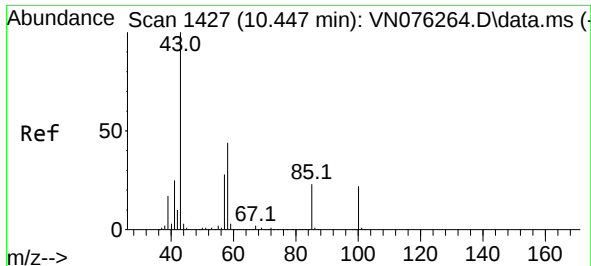
Tgt Ion: 88 Resp: 66419
Ion Ratio Lower Upper
88 100
43 22.9 18.1 27.1
58 59.8 46.5 69.7



#50
Toluene-d8
Concen: 51.254 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 98 Resp: 730063
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

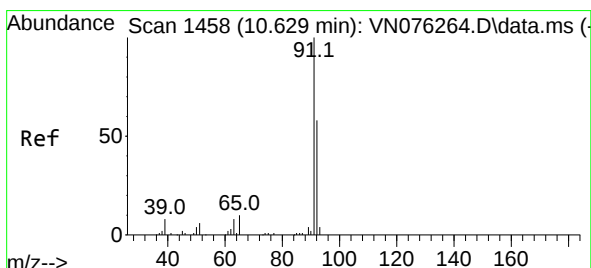
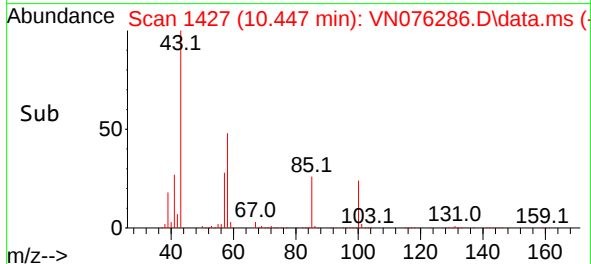
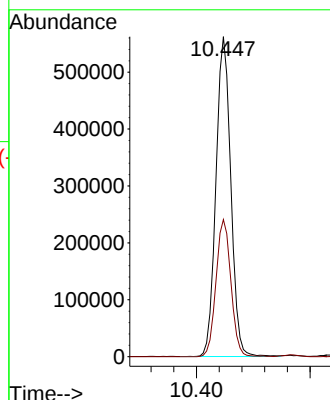
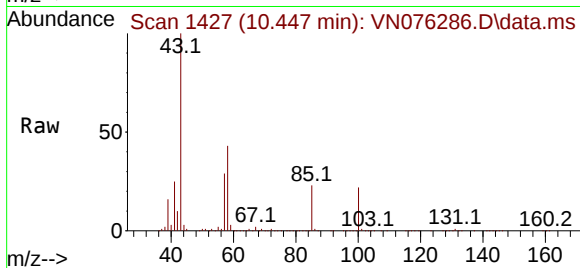




#51
4-Methyl-2-Pentanone
Concen: 242.611 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

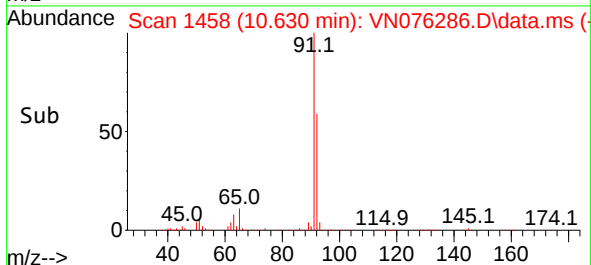
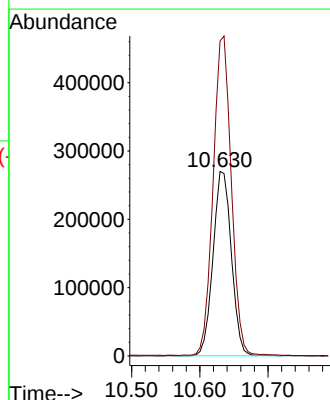
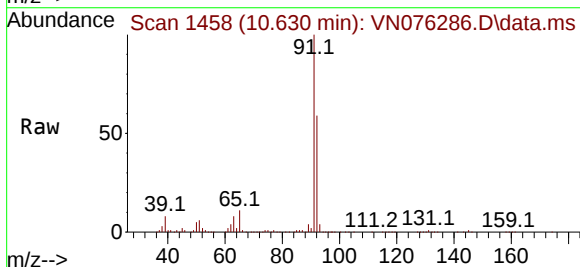
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

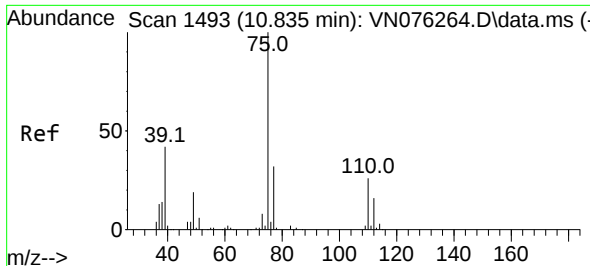
Tgt Ion: 43 Resp: 1018509
Ion Ratio Lower Upper
43 100
58 43.1 35.1 52.7



#52
Toluene
Concen: 46.067 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.001 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 92 Resp: 504853
Ion Ratio Lower Upper
92 100
91 172.2 136.6 205.0

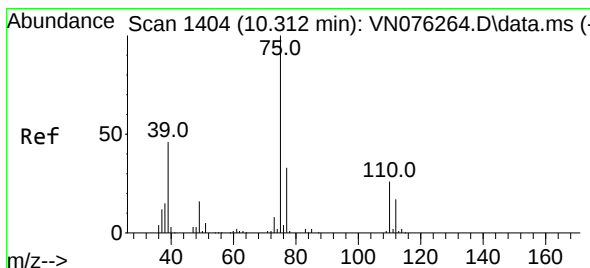
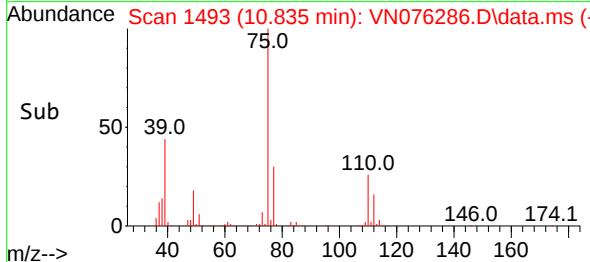
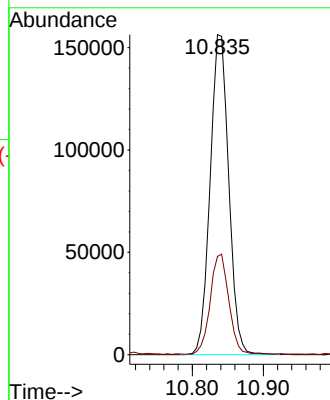
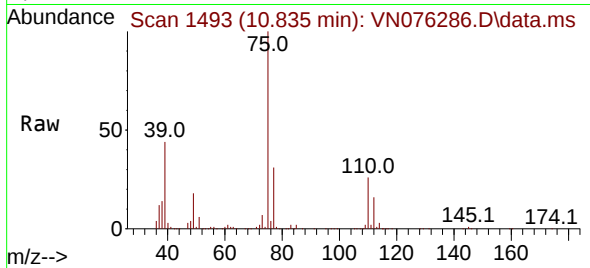




#53
 t-1,3-Dichloropropene
 Concen: 51.889 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076286.D
 Acq: 17 Jan 2023 19:31

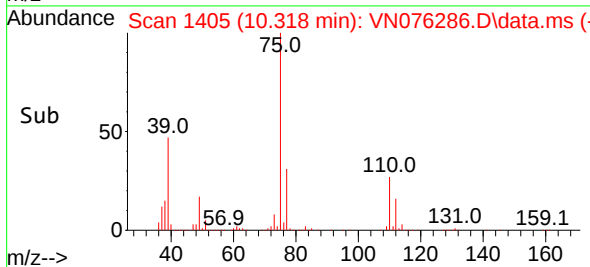
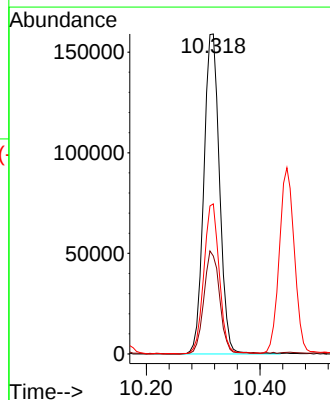
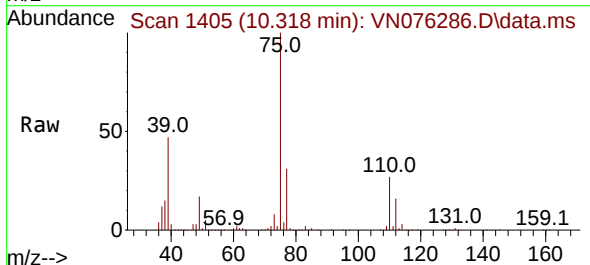
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

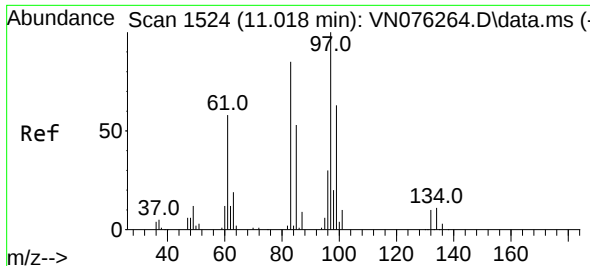
Tgt Ion: 75 Resp: 284206
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 48.396 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076286.D
 Acq: 17 Jan 2023 19:31

Tgt Ion: 75 Resp: 304958
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.5 39.7
 39 46.9 37.1 55.7



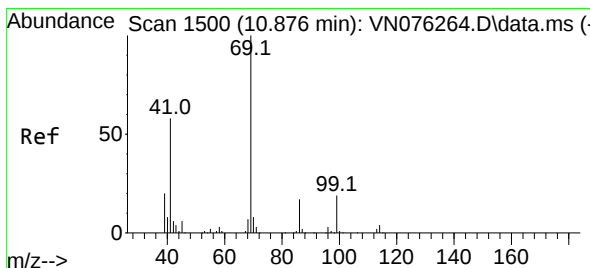
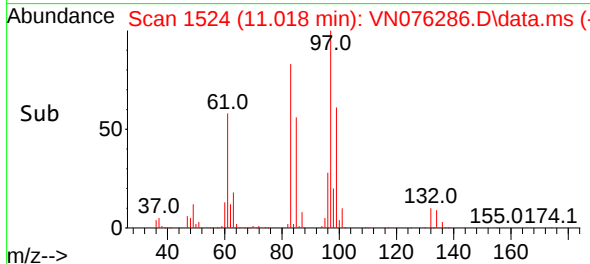
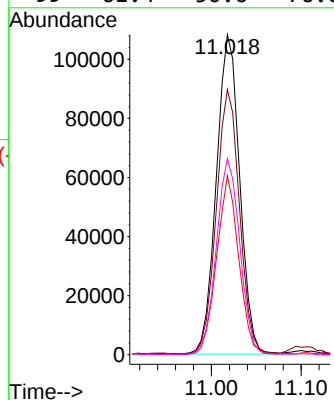
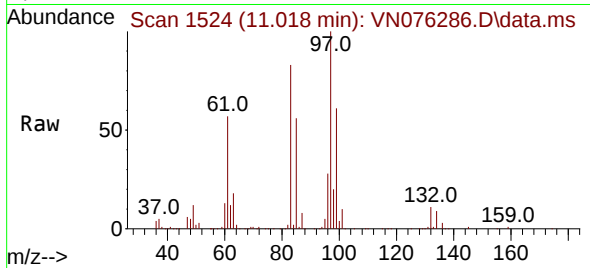


#55
1,1,2-Trichloroethane
Concen: 46.605 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 195229

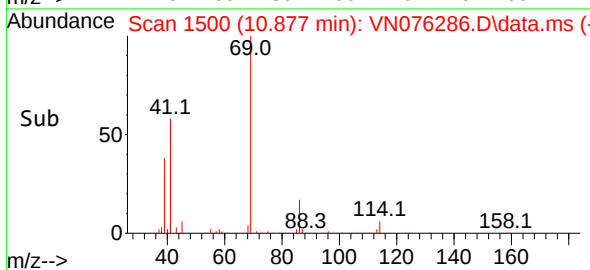
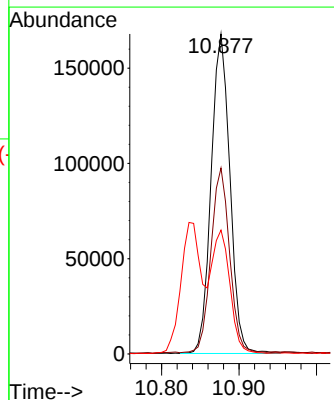
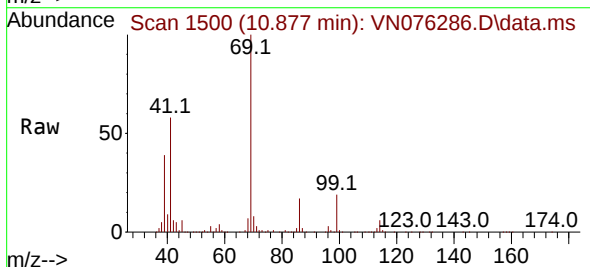
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.8	101.6
85	55.8	42.3	63.5
99	61.4	50.6	76.0

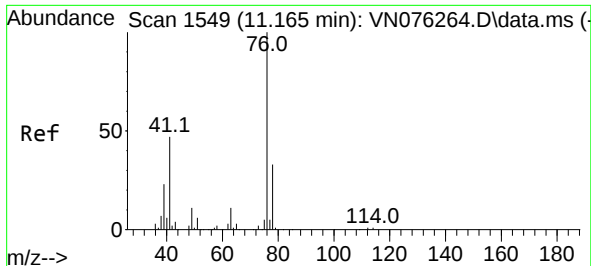


#56
Ethyl methacrylate
Concen: 52.212 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 69 Resp: 282364

Ion	Ratio	Lower	Upper
69	100		
41	57.4	45.3	67.9
39	36.3	29.3	43.9





#57

1,3-Dichloropropane

Concen: 46.807 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

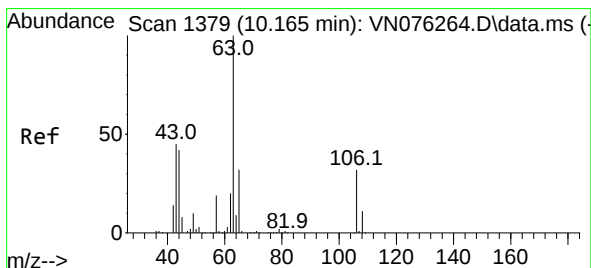
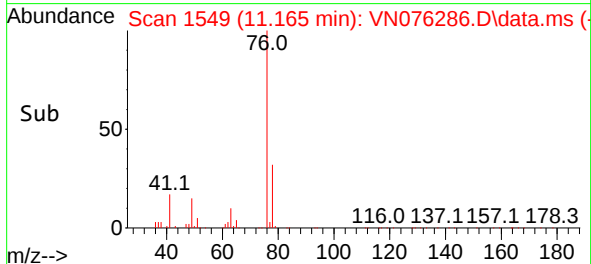
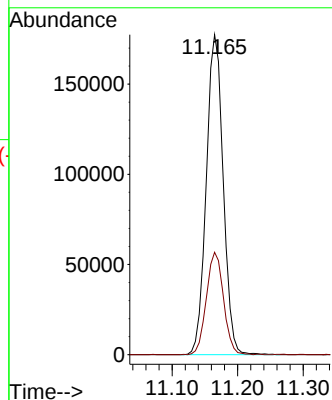
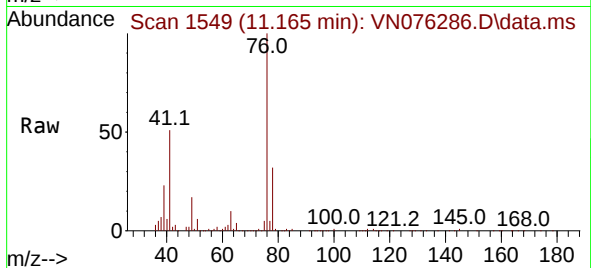
VSTDCCC050EC

Tgt Ion: 76 Resp: 318635

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 264.974 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076286.D

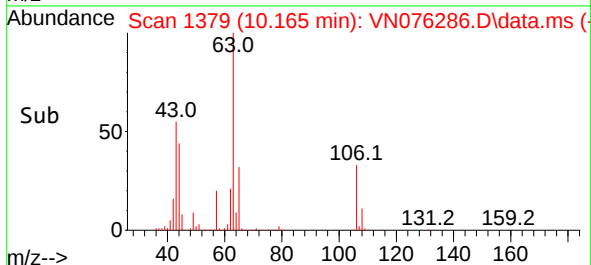
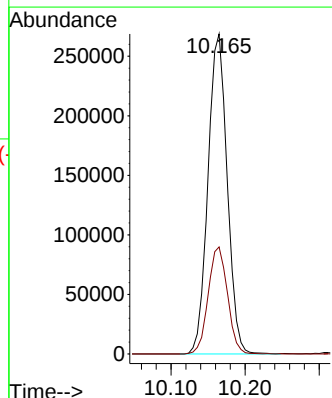
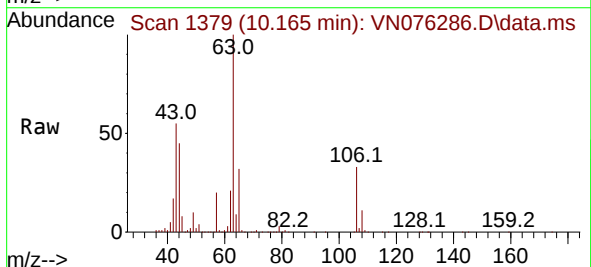
Acq: 17 Jan 2023 19:31

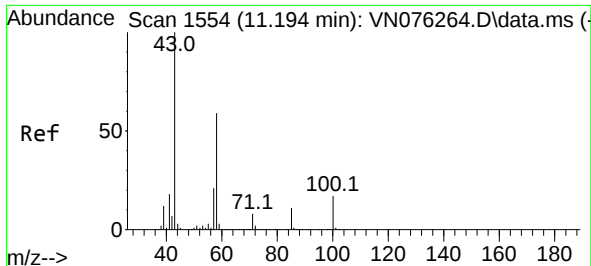
Tgt Ion: 63 Resp: 483769

Ion Ratio Lower Upper

63 100

106 33.5 26.2 39.2

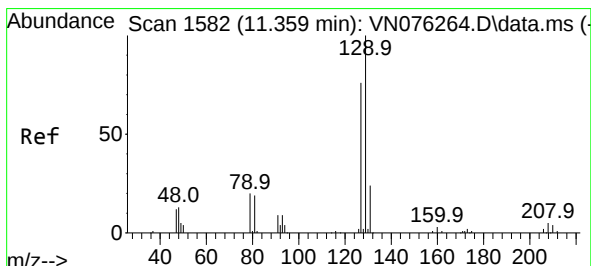
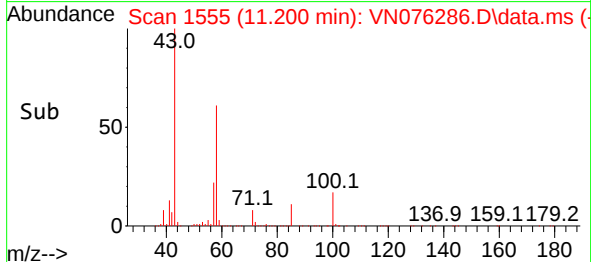
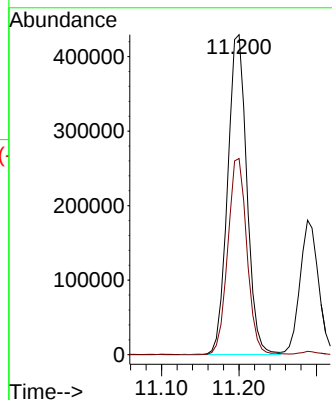
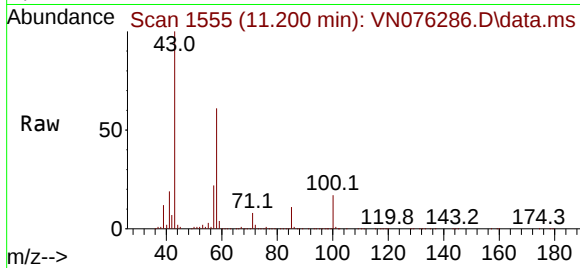




#59
2-Hexanone
Concen: 243.209 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

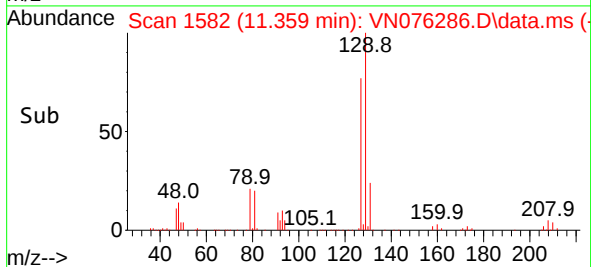
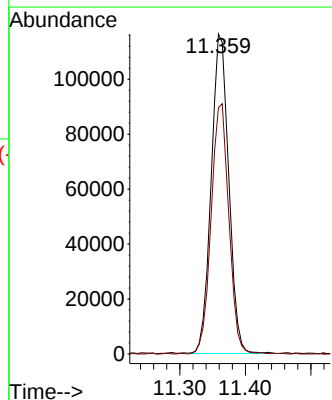
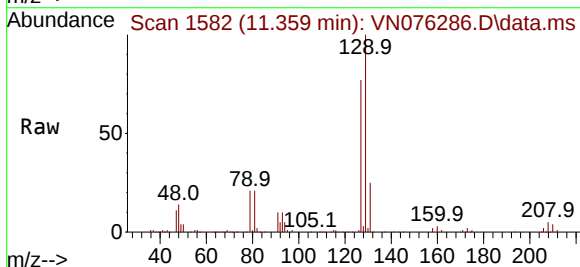
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

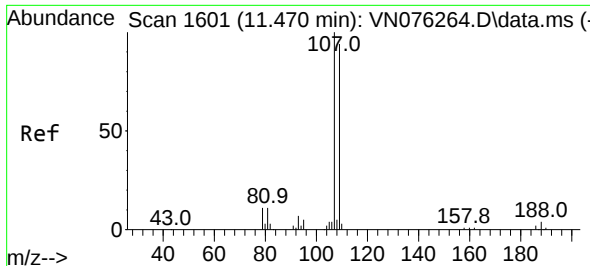
Tgt Ion: 43 Resp: 739888
Ion Ratio Lower Upper
43 100
58 61.3 30.1 90.3



#60
Dibromochloromethane
Concen: 48.974 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 129 Resp: 215957
Ion Ratio Lower Upper
129 100
127 79.3 38.7 116.1

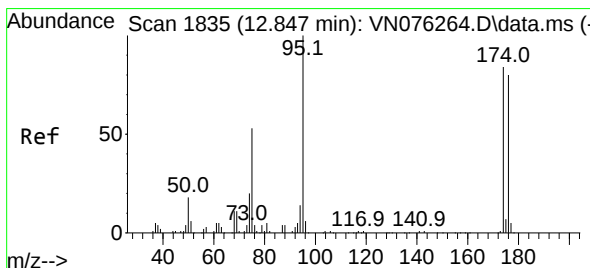
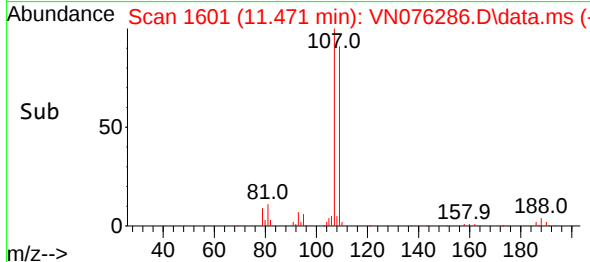
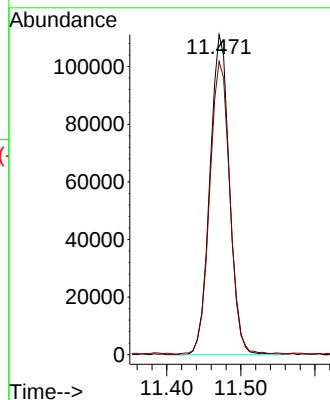
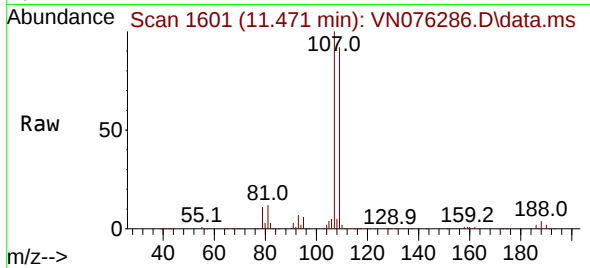




#61
1,2-Dibromoethane
Concen: 48.713 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

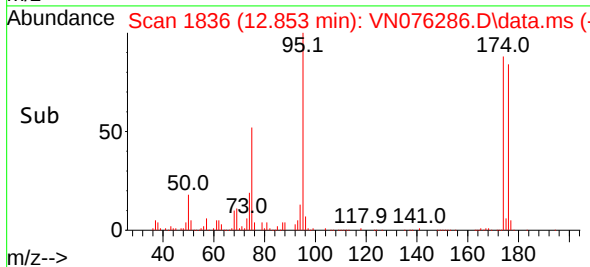
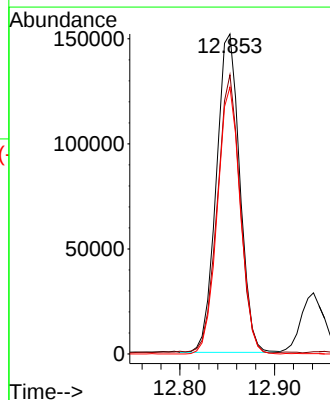
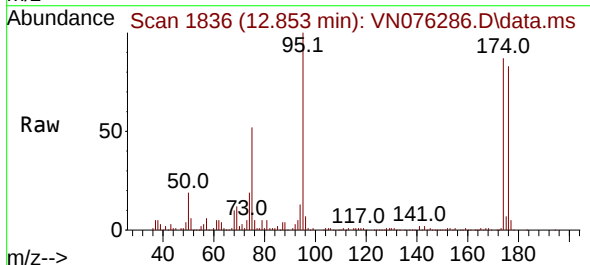
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

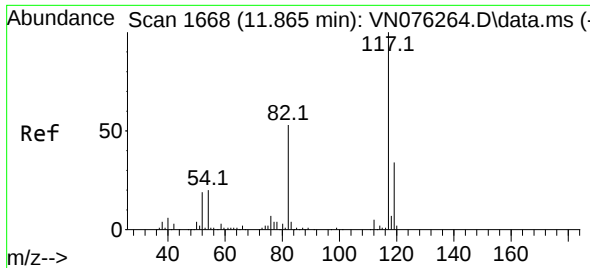
Tgt Ion:107 Resp: 203683
Ion Ratio Lower Upper
107 100
109 93.9 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 56.252 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 95 Resp: 261573
Ion Ratio Lower Upper
95 100
174 84.5 0.0 174.6
176 82.3 0.0 167.8

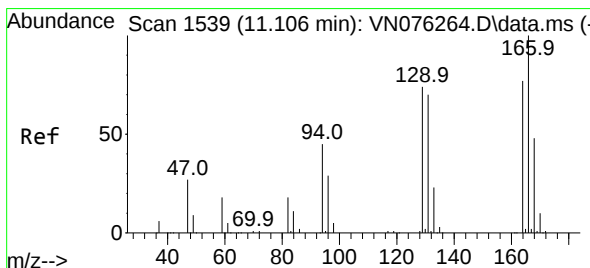
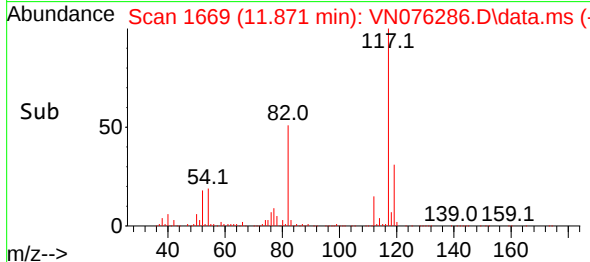
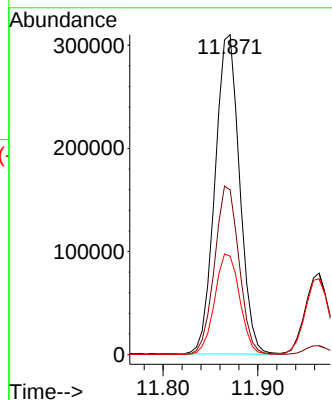
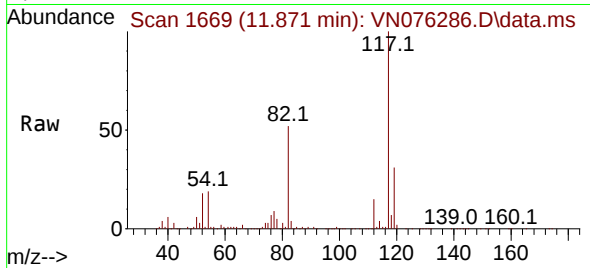




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

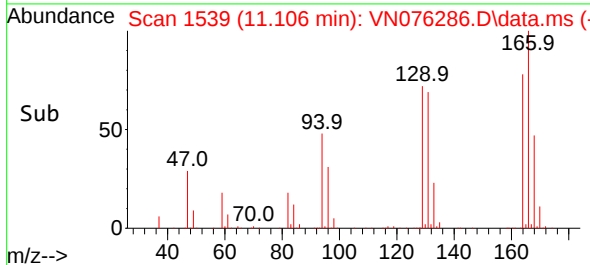
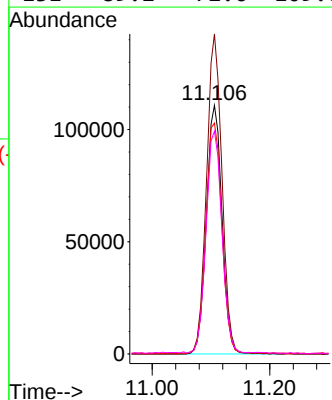
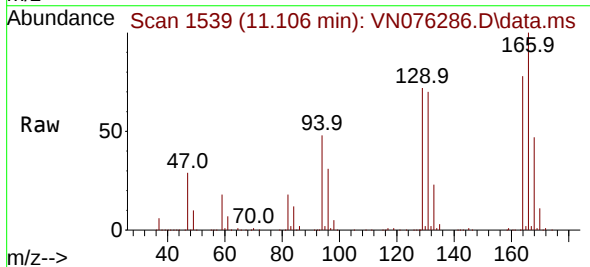
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

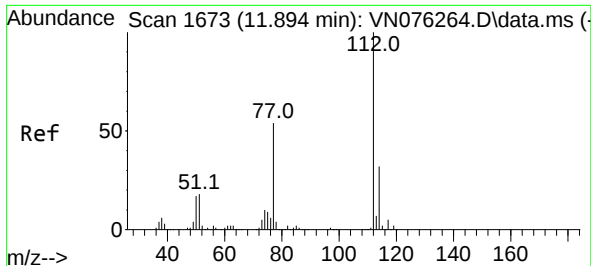
Tgt Ion:117 Resp: 559426
Ion Ratio Lower Upper
117 100
82 51.5 42.2 63.2
119 30.8 26.9 40.3



#64
Tetrachloroethene
Concen: 40.581 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion:164 Resp: 204729
Ion Ratio Lower Upper
164 100
166 128.7 104.0 156.0
129 92.5 76.6 114.8
131 89.2 72.6 109.0

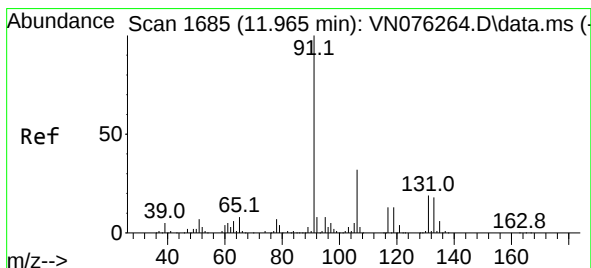
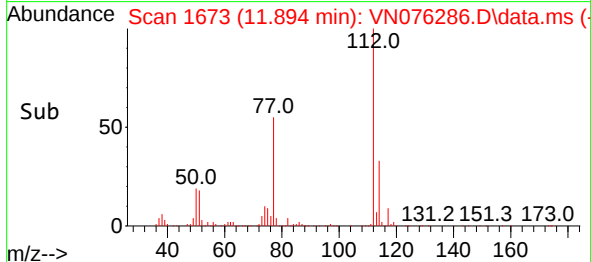
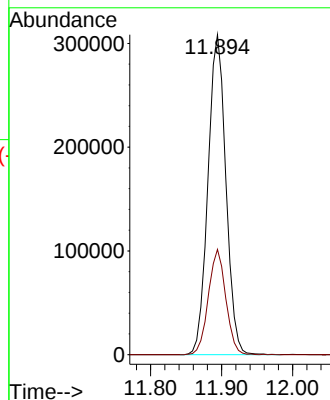
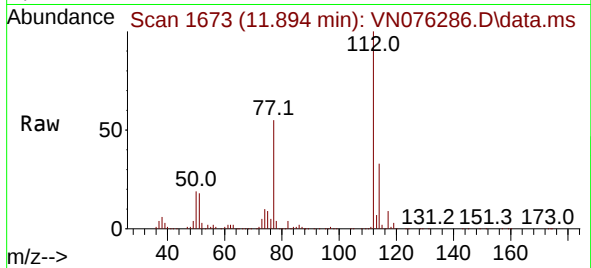




#65
Chlorobenzene
Concen: 45.770 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

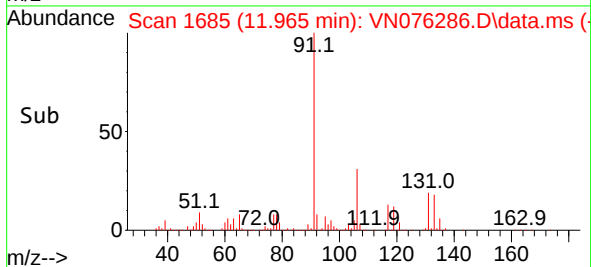
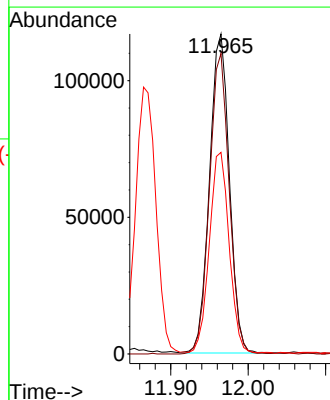
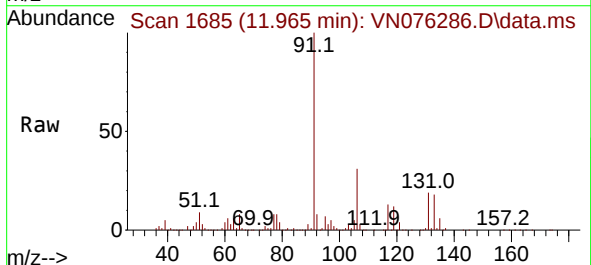
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

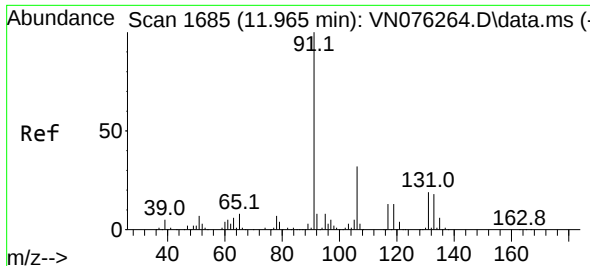
Tgt Ion:112 Resp: 541256
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 47.256 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion:131 Resp: 207921
Ion Ratio Lower Upper
131 100
133 93.7 47.4 142.2
119 62.9 32.3 96.8





#67

Ethyl Benzene

Concen: 48.952 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

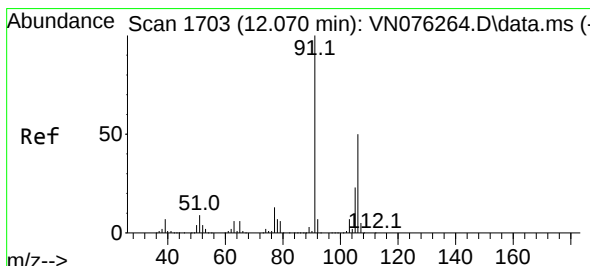
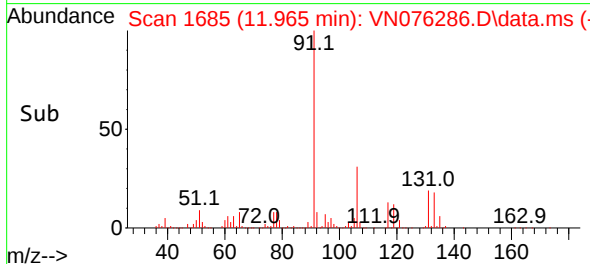
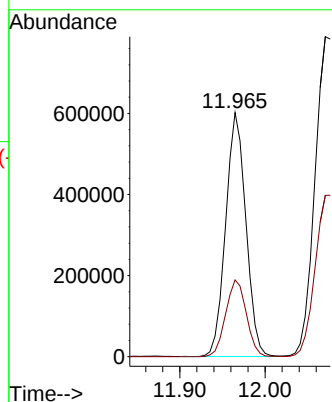
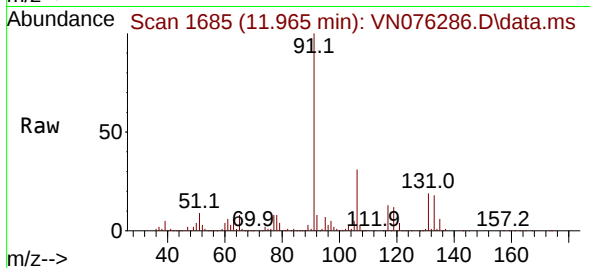
VSTDCCC050EC

Tgt Ion: 91 Resp: 990744

Ion Ratio Lower Upper

91 100

106 31.5 25.5 38.3



#68

m/p-Xylenes

Concen: 96.873 ug/l

RT: 12.077 min Scan# 1704

Delta R.T. 0.007 min

Lab File: VN076286.D

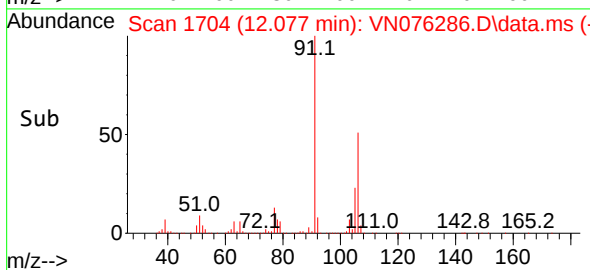
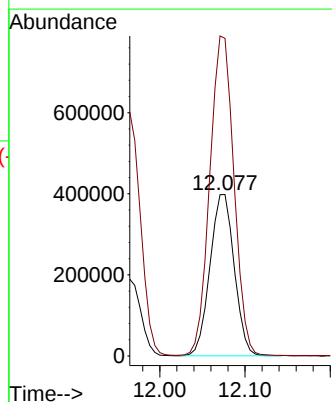
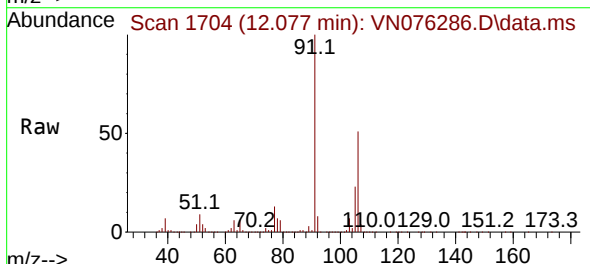
Acq: 17 Jan 2023 19:31

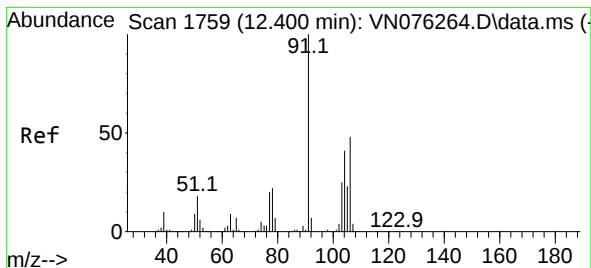
Tgt Ion:106 Resp: 786183

Ion Ratio Lower Upper

106 100

91 197.5 157.5 236.3





#69

o-Xylene

Concen: 49.543 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

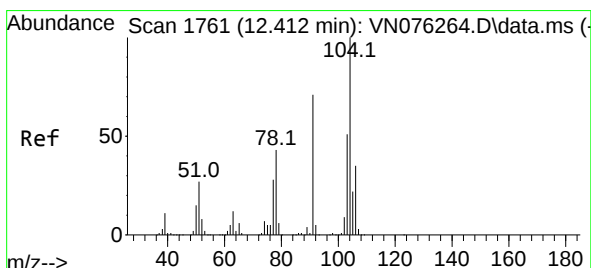
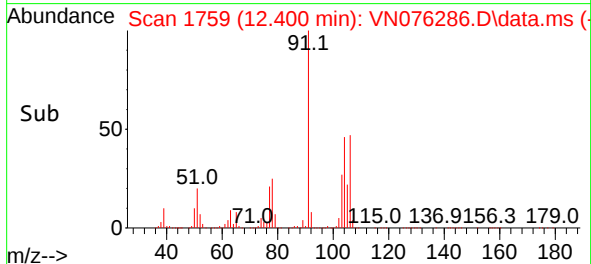
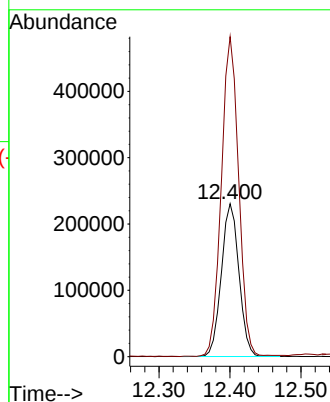
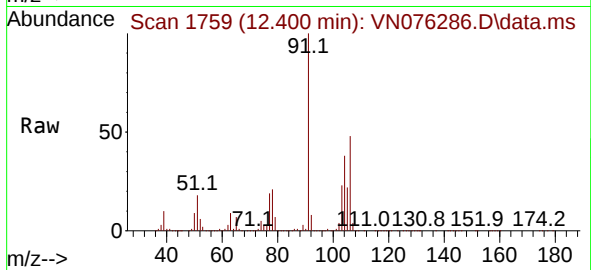
VSTDCCC050EC

Tgt Ion:106 Resp: 394853

Ion Ratio Lower Upper

106 100

91 207.0 103.2 309.4



#70

Styrene

Concen: 50.692 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

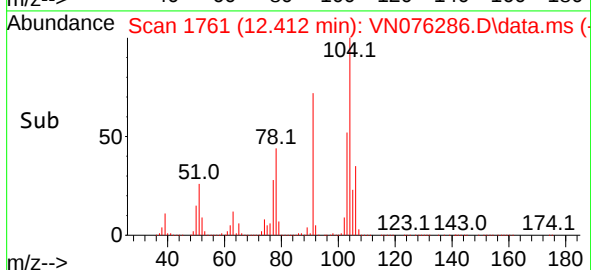
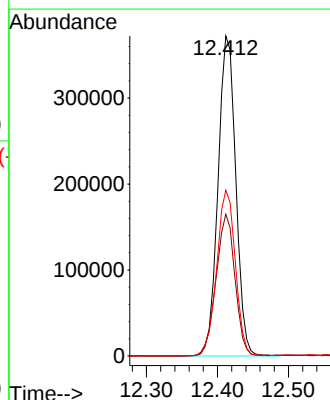
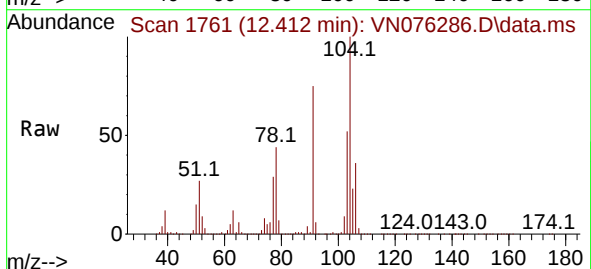
Tgt Ion:104 Resp: 645076

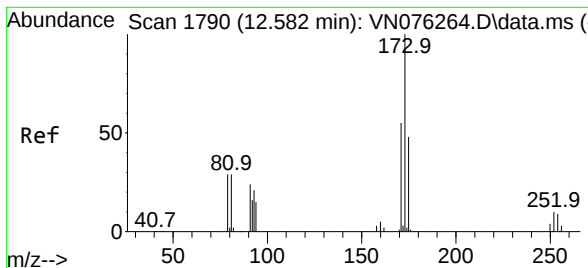
Ion Ratio Lower Upper

104 100

78 47.2 37.4 56.0

103 54.5 44.2 66.2





#71

Bromoform

Concen: 50.703 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

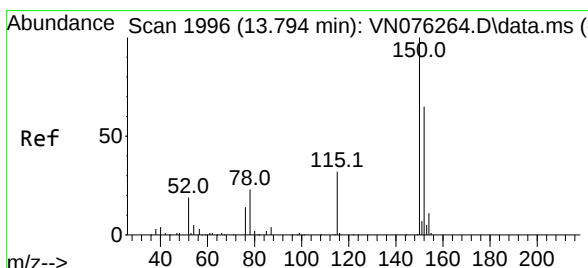
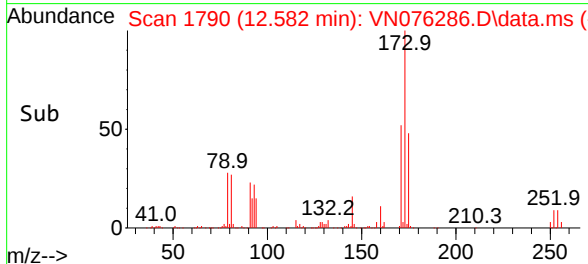
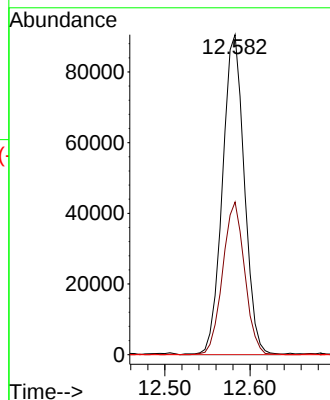
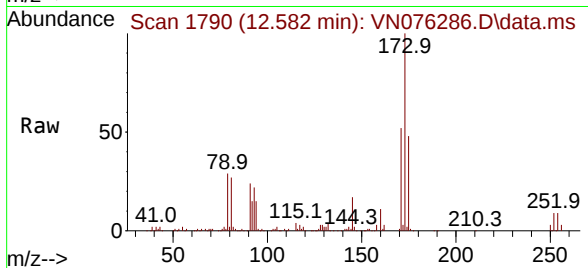
Tgt Ion:173 Resp: 161106

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

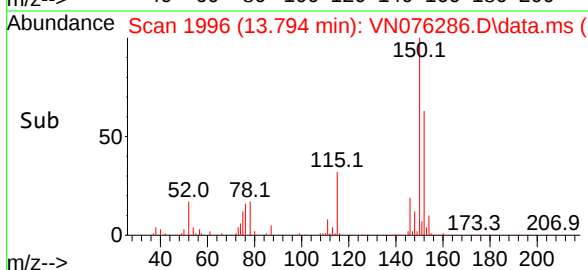
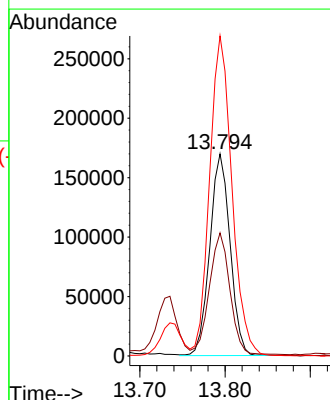
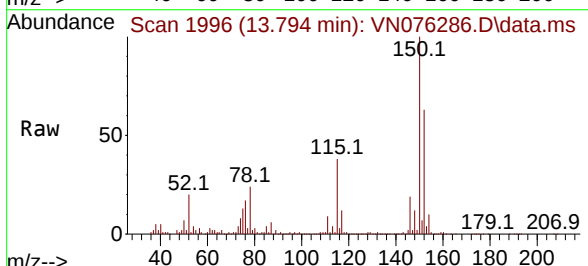
Tgt Ion:152 Resp: 280640

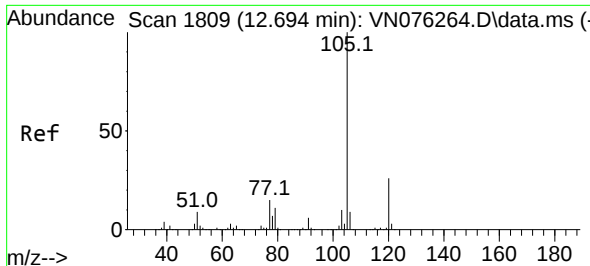
Ion Ratio Lower Upper

152 100

115 61.0 29.6 88.9

150 174.3 0.0 351.4

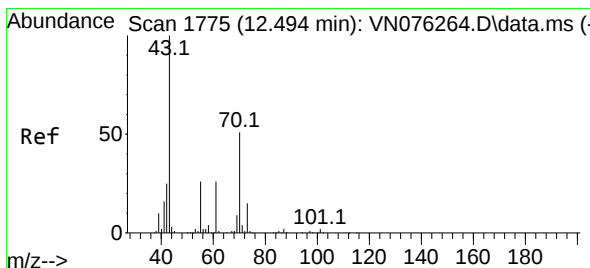
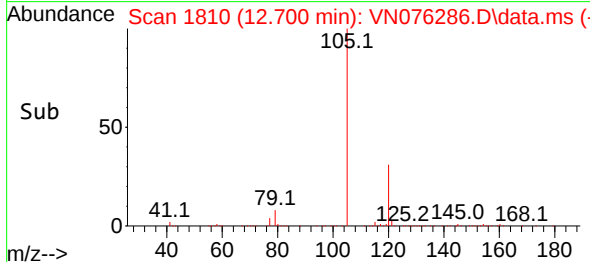
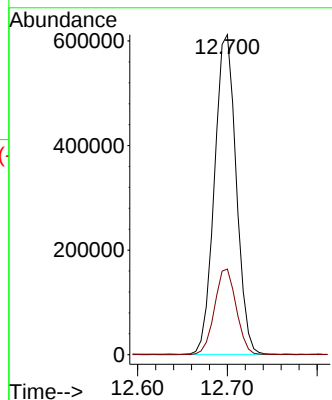
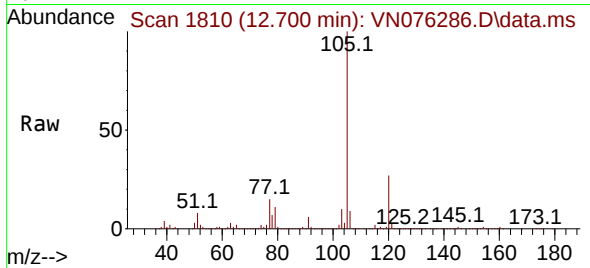




#73
Isopropylbenzene
Concen: 47.363 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

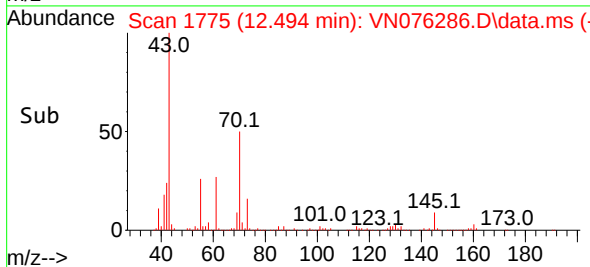
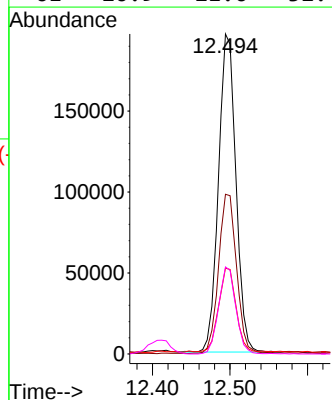
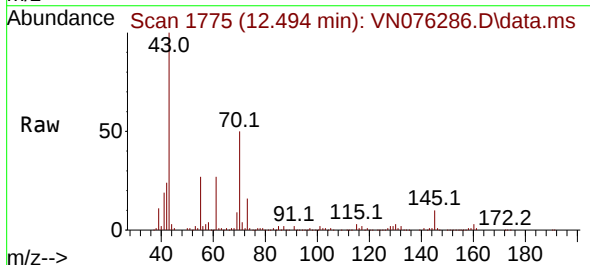
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

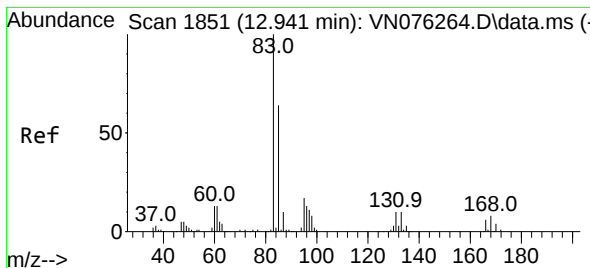
Tgt Ion:105 Resp: 1028274
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 49.196 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 43 Resp: 307229
Ion Ratio Lower Upper
43 100
70 51.7 41.2 61.8
55 26.4 21.0 31.6
61 26.9 21.6 32.4

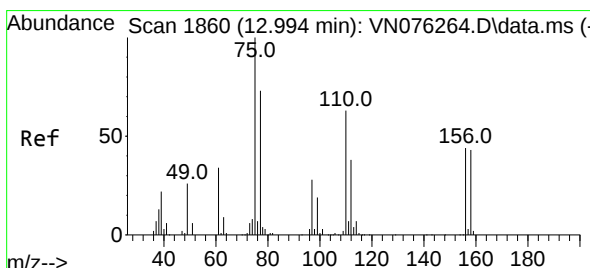
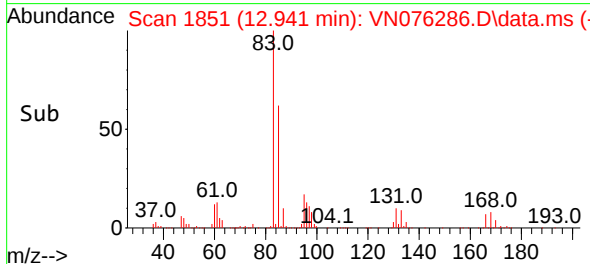
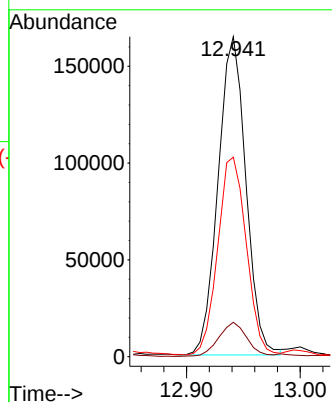
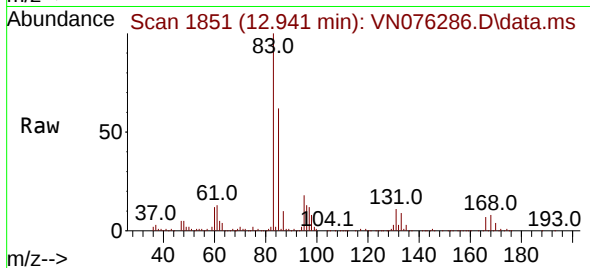




#75
1,1,2,2-Tetrachloroethane
Concen: 44.843 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

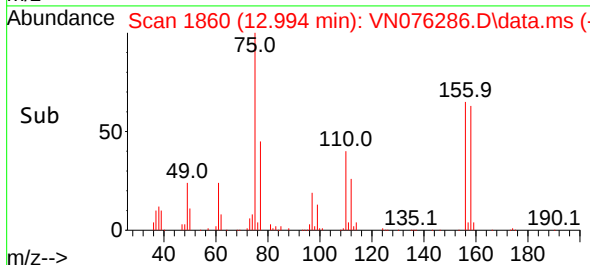
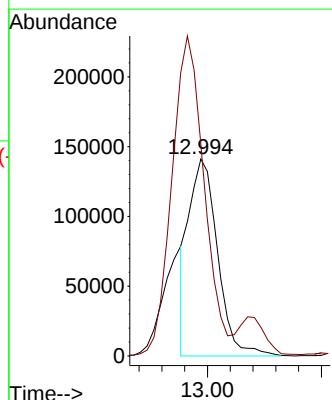
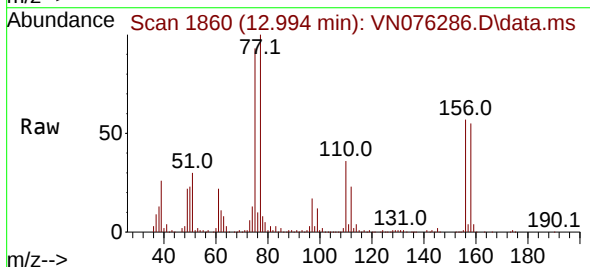
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

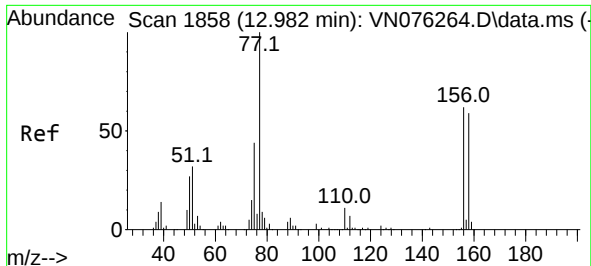
Tgt Ion: 83 Resp: 279874
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.4
85 63.8 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 48.510 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 75 Resp: 248152
Ion Ratio Lower Upper
75 100
77 180.3 75.2 225.6

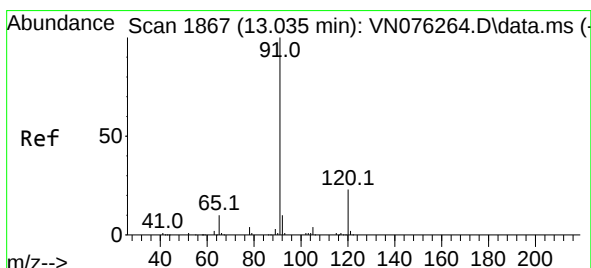
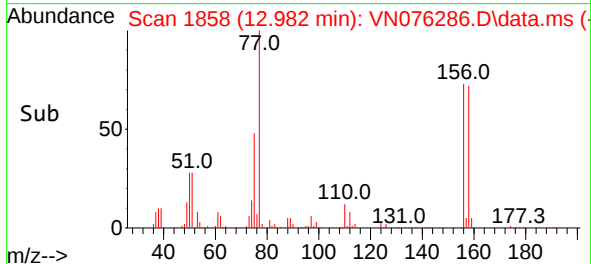
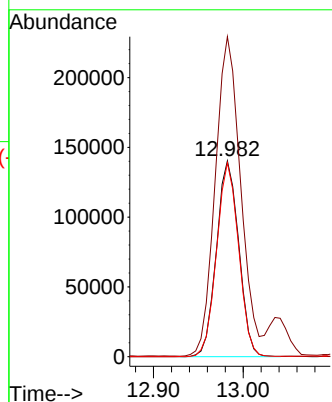
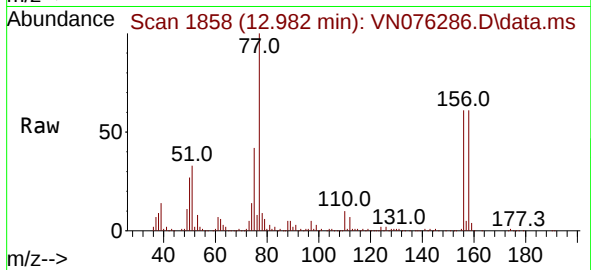




#77
Bromobenzene
Concen: 47.783 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

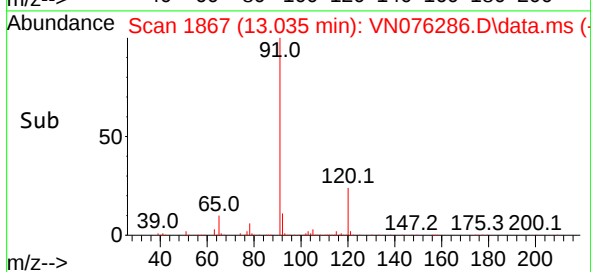
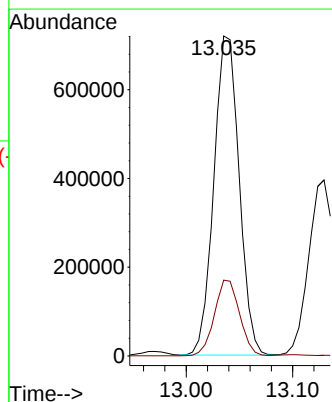
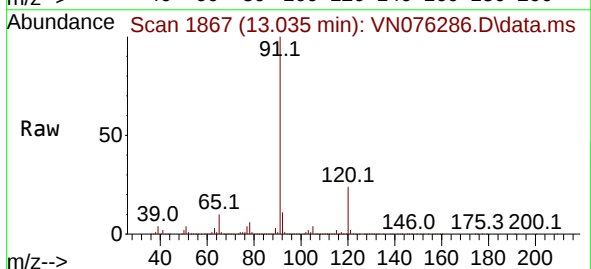
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

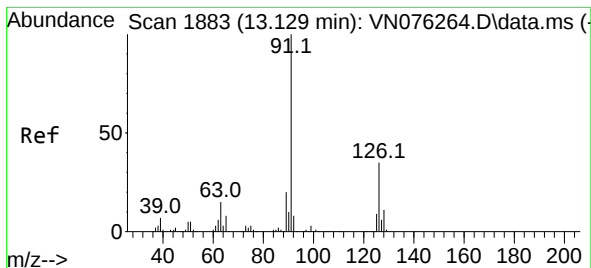
Tgt Ion:156 Resp: 242663
Ion Ratio Lower Upper
156 100
77 184.4 93.4 280.2
158 97.7 48.4 145.2



#78
n-propylbenzene
Concen: 48.413 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 91 Resp: 1185966
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 45.674 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

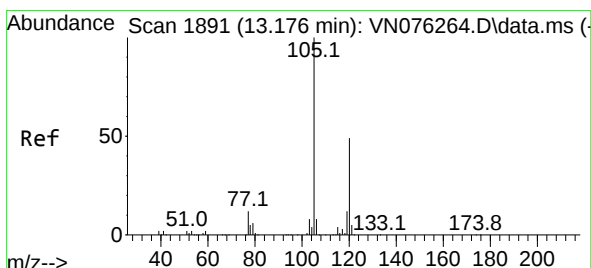
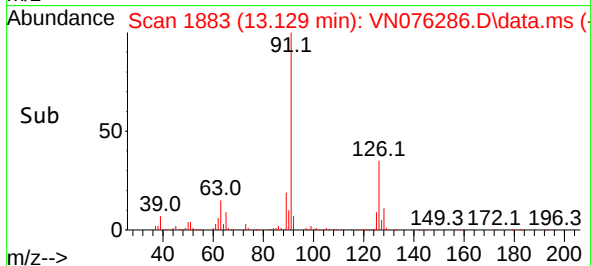
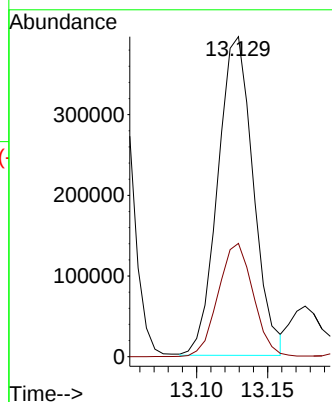
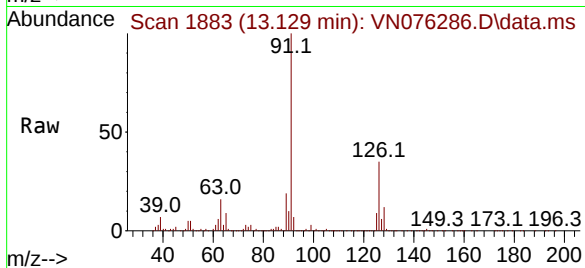
VSTDCCC050EC

Tgt Ion: 91 Resp: 686574

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 48.073 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076286.D

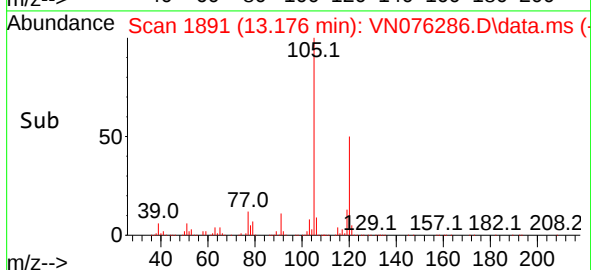
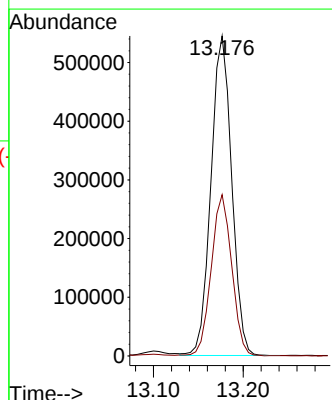
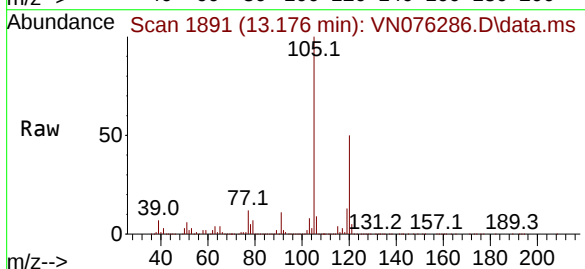
Acq: 17 Jan 2023 19:31

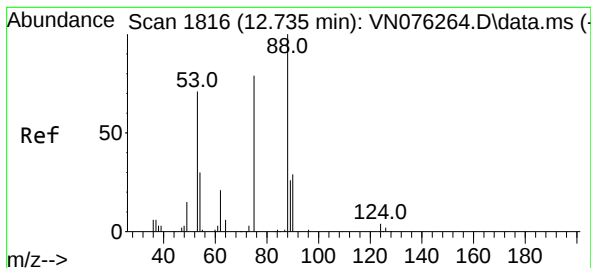
Tgt Ion: 105 Resp: 874362

Ion Ratio Lower Upper

105 100

120 49.6 25.0 75.0

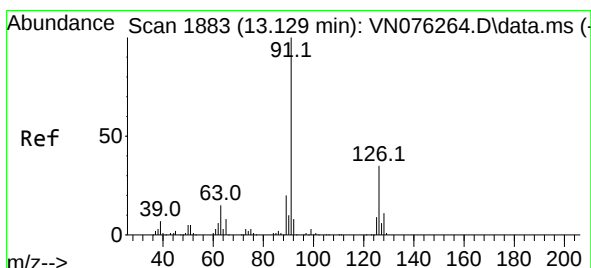
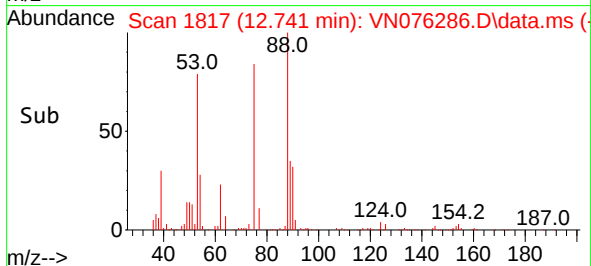
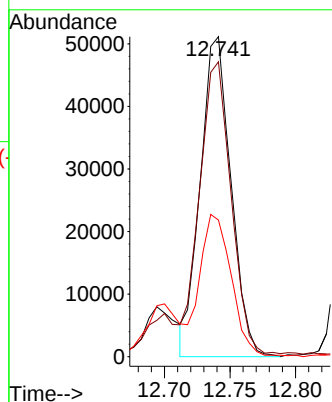
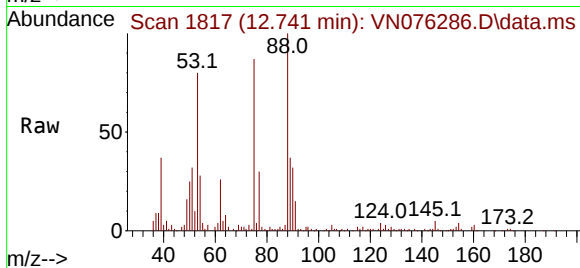




#81
trans-1,4-Dichloro-2-butene
Concen: 49.379 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

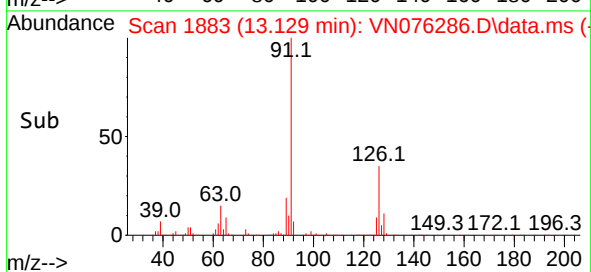
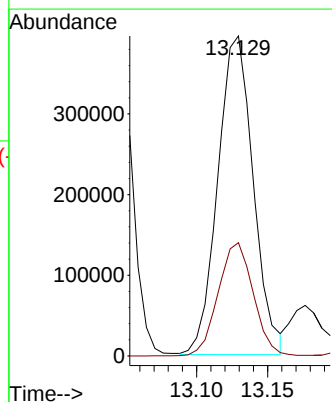
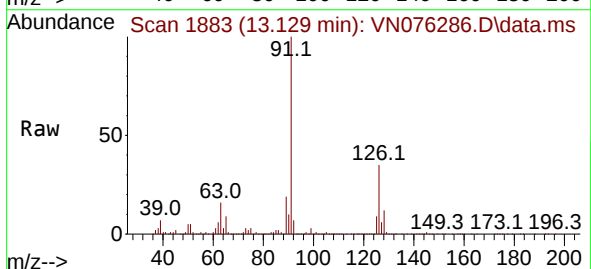
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

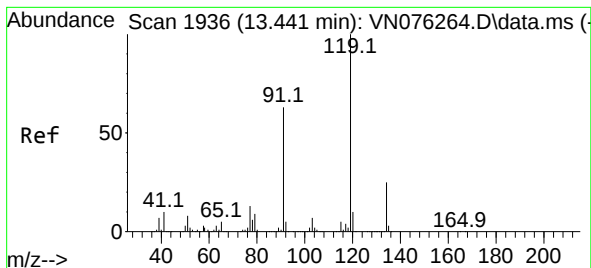
Tgt Ion: 75 Resp: 83288
Ion Ratio Lower Upper
75 100
53 93.2 75.8 113.8
89 44.9 37.0 55.6



#82
4-Chlorotoluene
Concen: 45.674 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion: 91 Resp: 686574
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.2





#83

tert-Butylbenzene

Concen: 49.116 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

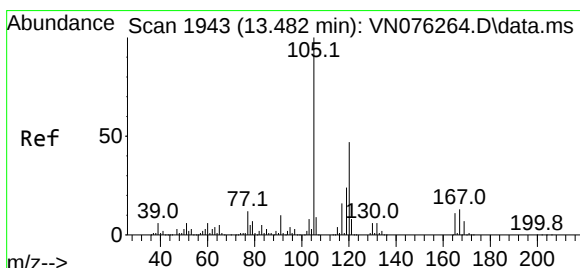
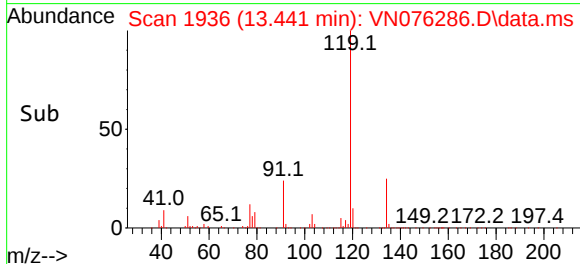
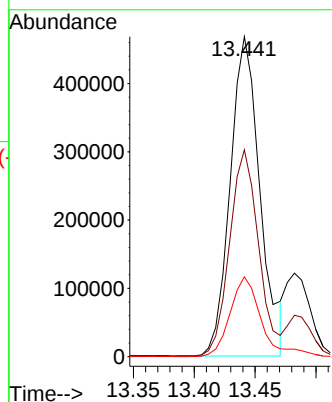
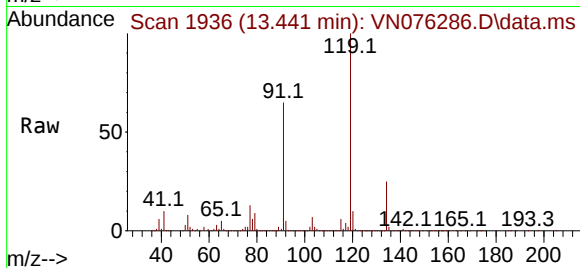
Tgt Ion:119 Resp: 794527

Ion Ratio Lower Upper

119 100

91 62.8 32.2 96.6

134 26.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 48.988 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN076286.D

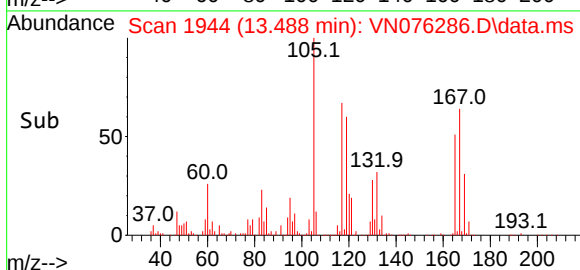
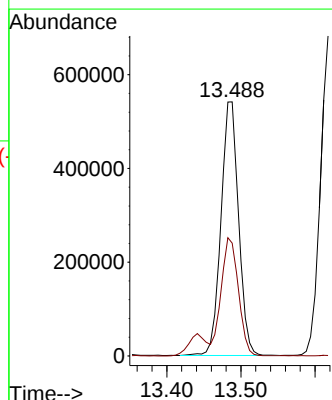
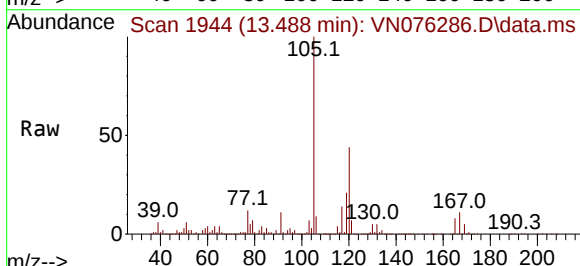
Acq: 17 Jan 2023 19:31

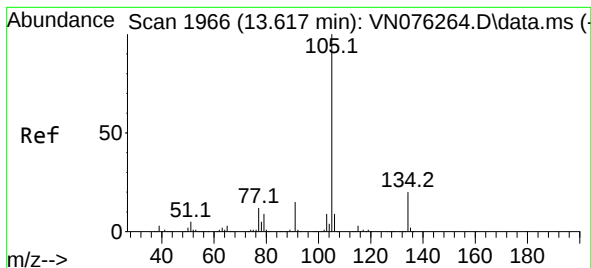
Tgt Ion:105 Resp: 893435

Ion Ratio Lower Upper

105 100

120 45.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 48.949 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.001 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

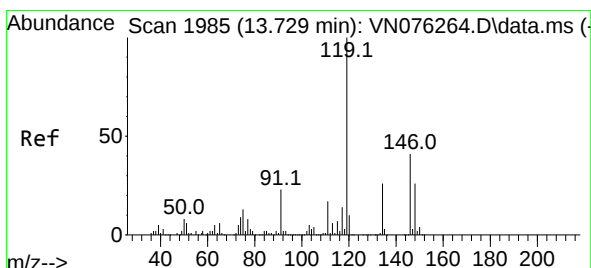
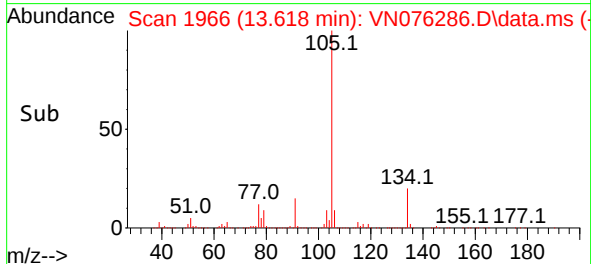
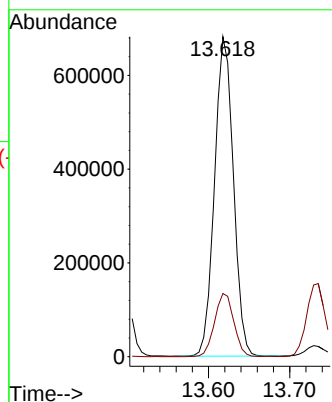
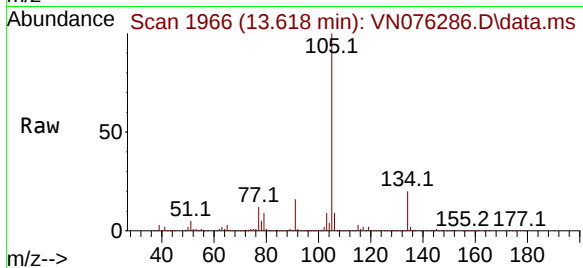
VSTDCCC050EC

Tgt Ion:105 Resp: 1098733

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 51.936 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. 0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

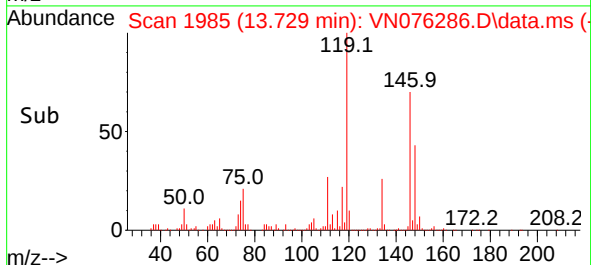
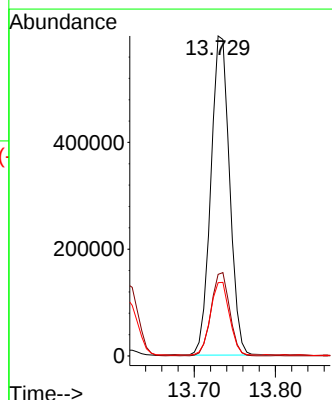
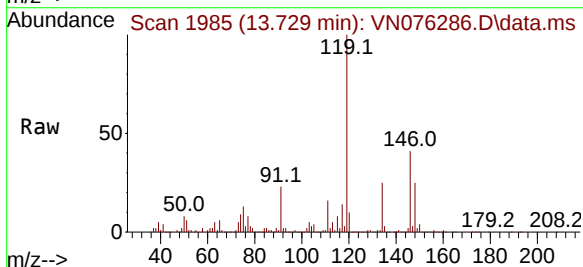
Tgt Ion:119 Resp: 958646

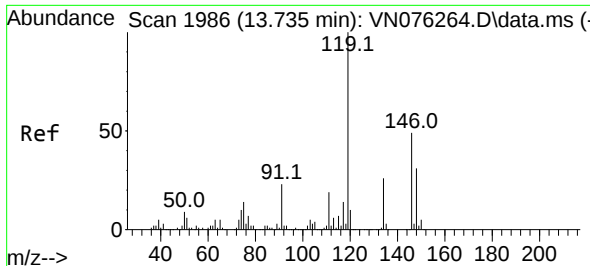
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.6

91 23.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 46.427 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

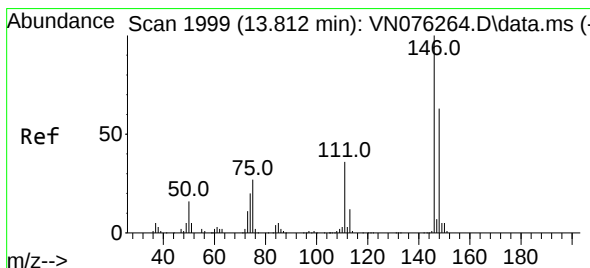
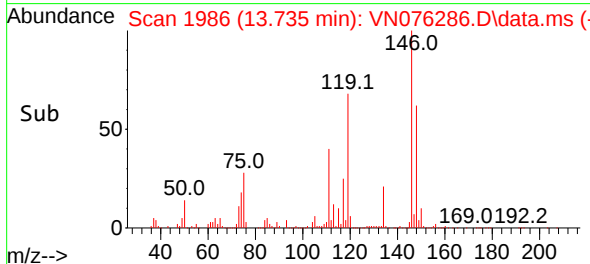
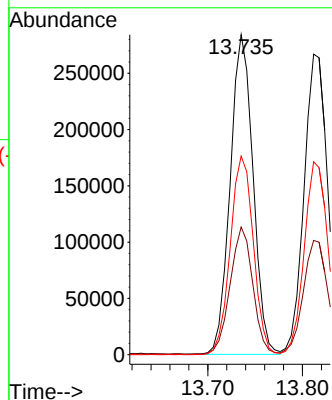
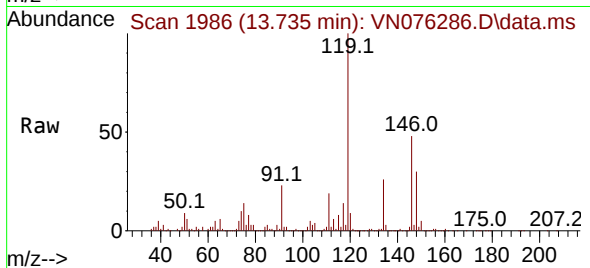
Tgt Ion:146 Resp: 475073

Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.7

148 62.8 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 47.521 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

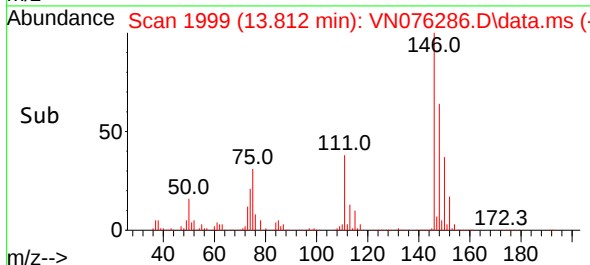
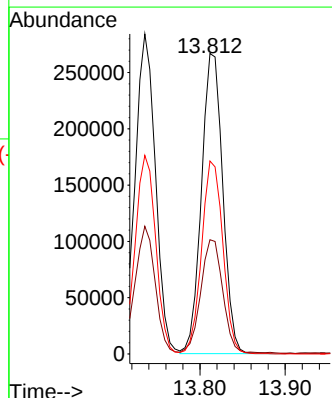
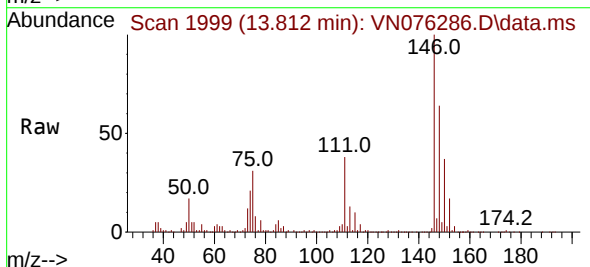
Tgt Ion:146 Resp: 462523

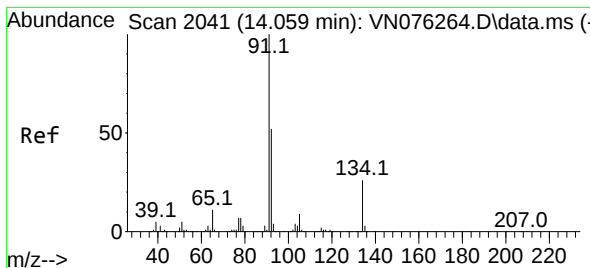
Ion Ratio Lower Upper

146 100

111 39.6 19.1 57.5

148 64.4 31.9 95.9





#89

n-Butylbenzene

Concen: 54.921 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

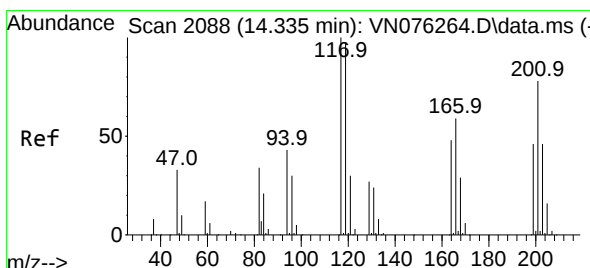
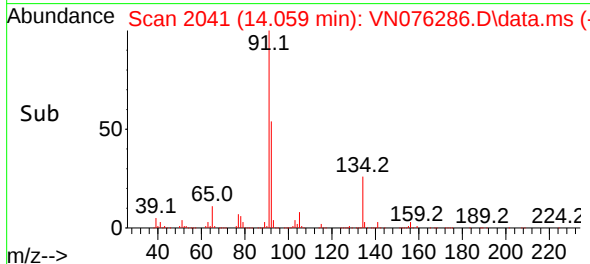
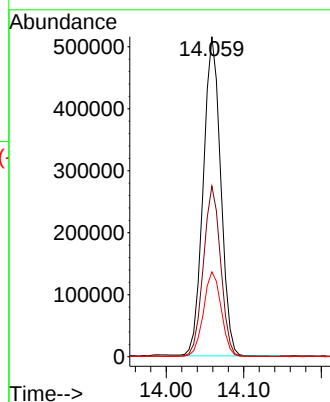
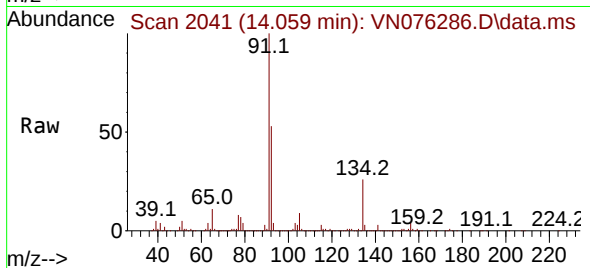
Tgt Ion: 91 Resp: 804735

Ion Ratio Lower Upper

91 100

92 52.8 26.3 78.9

134 26.8 13.2 39.5



#90

Hexachloroethane

Concen: 46.838 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076286.D

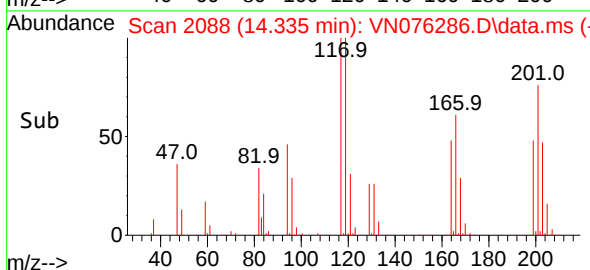
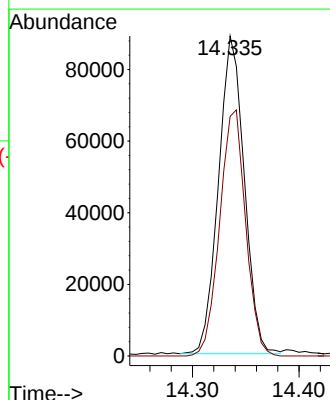
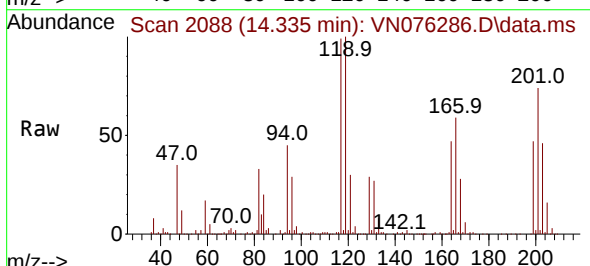
Acq: 17 Jan 2023 19:31

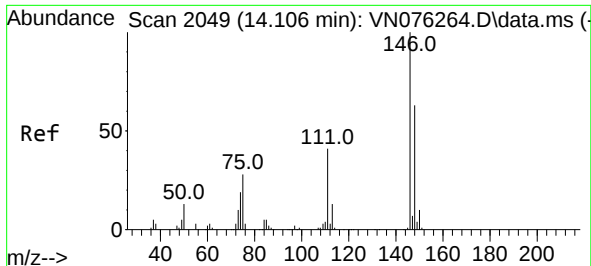
Tgt Ion: 117 Resp: 149213

Ion Ratio Lower Upper

117 100

201 78.0 37.3 111.9

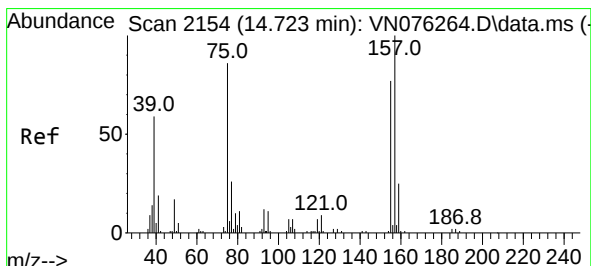
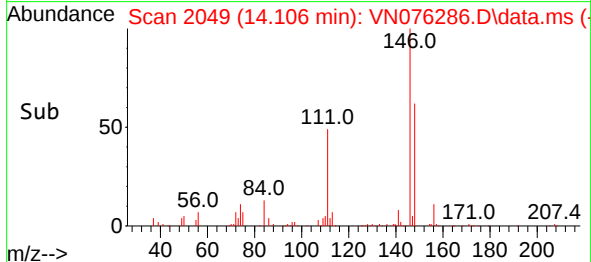
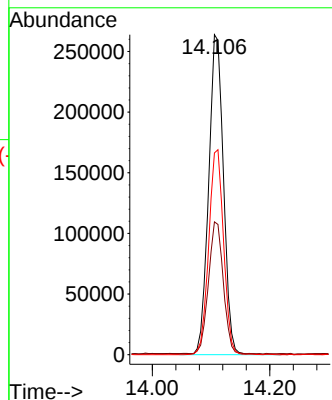
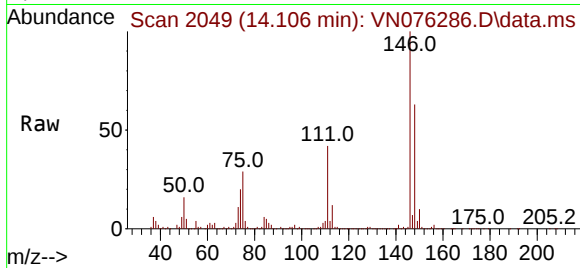




#91
 1,2-Dichlorobenzene
 Concen: 45.278 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. -0.000 min
 Lab File: VN076286.D
 Acq: 17 Jan 2023 19:31

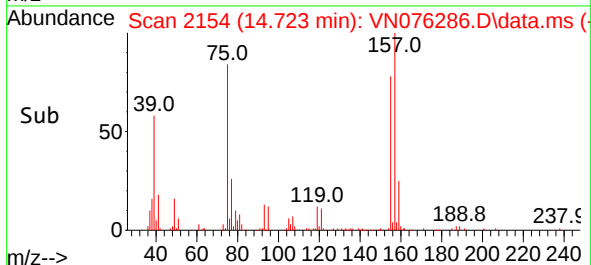
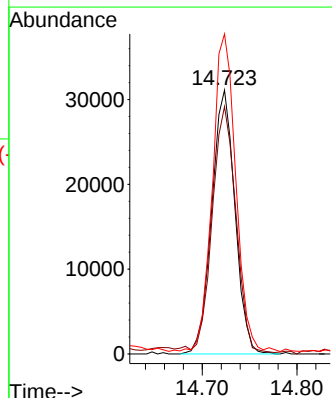
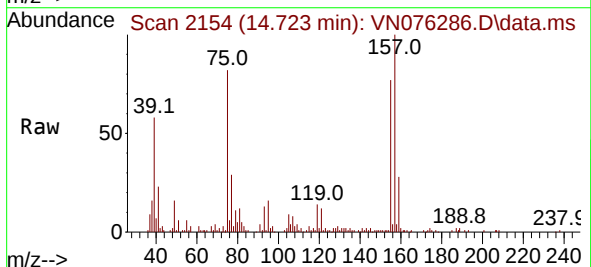
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

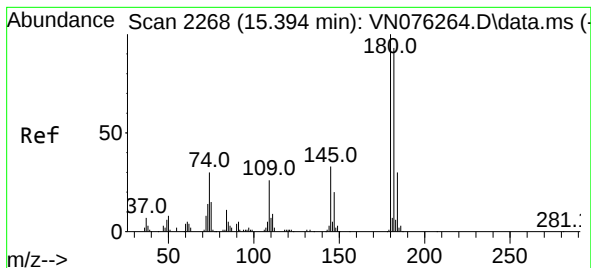
Tgt Ion:146 Resp: 461467
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 60.8
 148 63.9 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.925 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VN076286.D
 Acq: 17 Jan 2023 19:31

Tgt Ion: 75 Resp: 53078
 Ion Ratio Lower Upper
 75 100
 155 94.7 45.0 135.0
 157 121.0 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 49.889 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

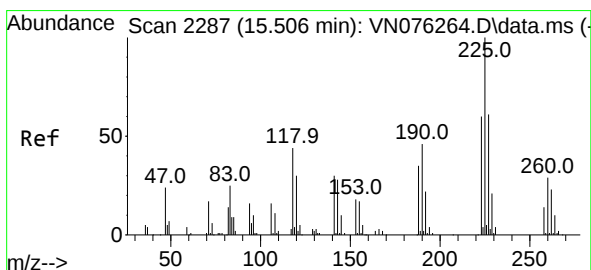
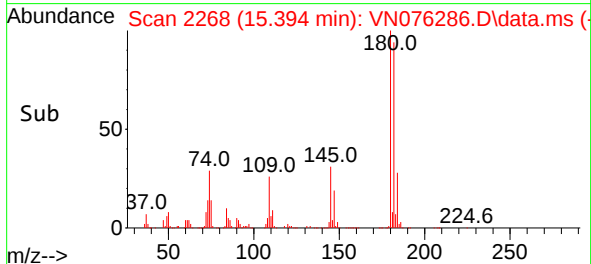
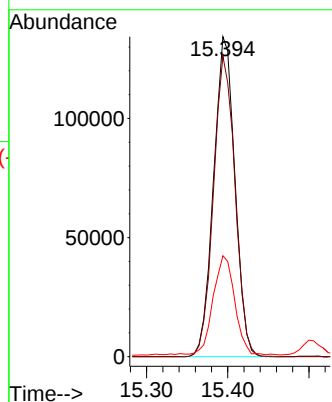
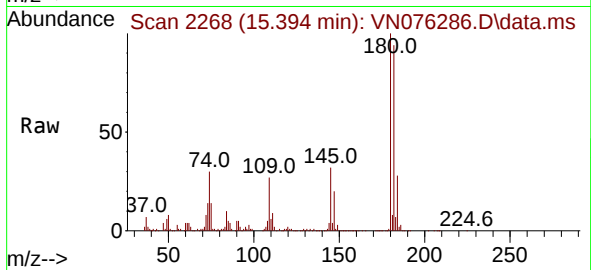
Tgt Ion:180 Resp: 245674

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 32.9 15.2 45.5



#94

Hexachlorobutadiene

Concen: 42.870 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076286.D

Acq: 17 Jan 2023 19:31

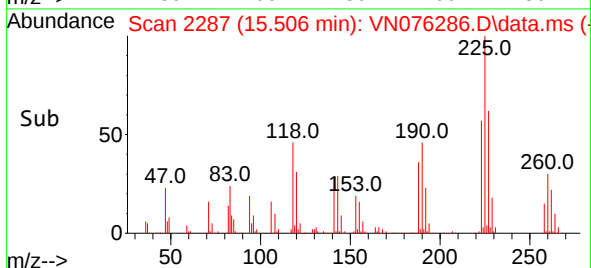
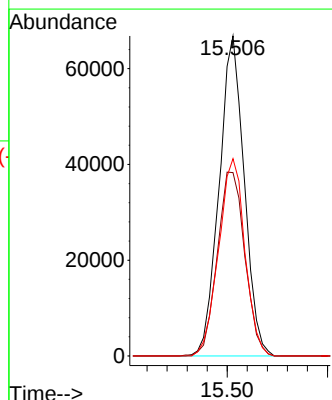
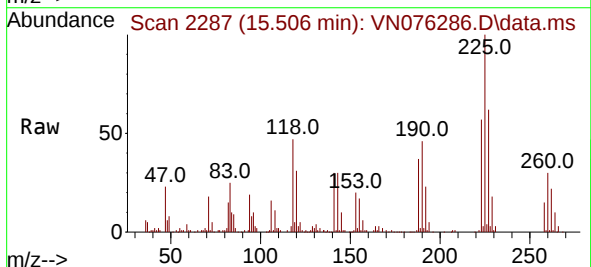
Tgt Ion:225 Resp: 115945

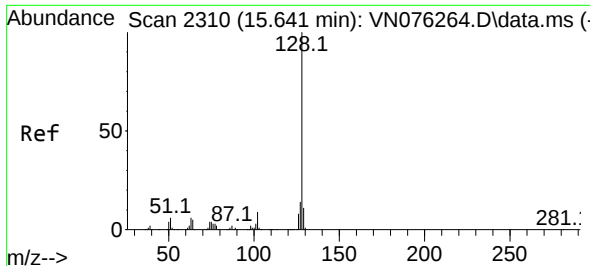
Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.3

227 64.4 30.9 92.8

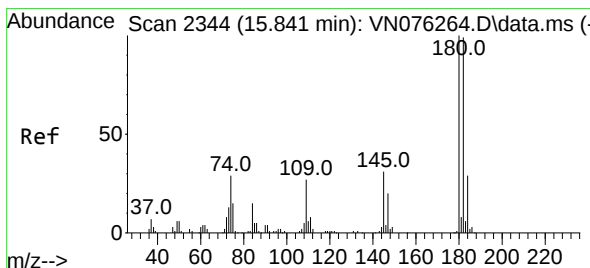
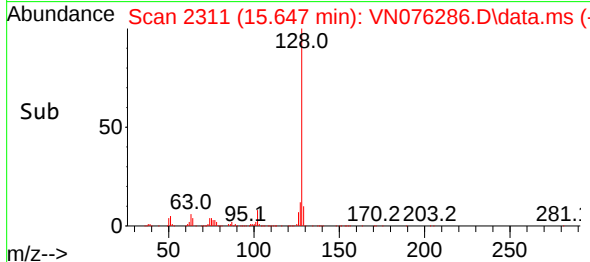
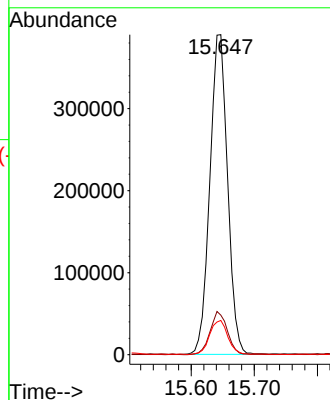
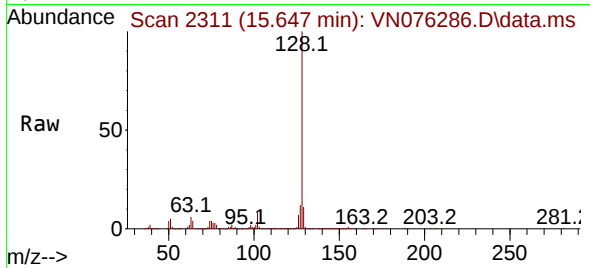




#95
Naphthalene
Concen: 52.027 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 759755
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.534 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076286.D
Acq: 17 Jan 2023 19:31

Tgt Ion:180 Resp: 232472
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 33.3 15.9 47.6

