

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011623\
 Data File : VN076268.D
 Acq On : 16 Jan 2023 14:40
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011623

Quant Time: Jan 17 04:00:28 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	330380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	482232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190314	51.447	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.900%	
35) Dibromofluoromethane	8.171	113	165743	50.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.740%	
50) Toluene-d8	10.571	98	629527	51.808	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.853	95	222484	56.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	168263	49.700	ug/l	97
3) Chloromethane	2.371	50	161239	45.998	ug/l	97
4) Vinyl Chloride	2.530	62	196496	45.716	ug/l	99
5) Bromomethane	2.959	94	166938	47.427	ug/l	98
6) Chloroethane	3.130	64	144083	44.705	ug/l	99
7) Trichlorofluoromethane	3.512	101	274807	46.473	ug/l	97
8) Diethyl Ether	3.977	74	100800	50.822	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	157511	47.053	ug/l	99
10) Methyl Iodide	4.600	142	248280	48.556	ug/l	99
11) Tert butyl alcohol	5.536	59	117992	238.467	ug/l	100
12) 1,1-Dichloroethene	4.348	96	149593	47.273	ug/l	97
13) Acrolein	4.189	56	152382	257.521	ug/l	99
14) Allyl chloride	5.036	41	173173	46.960	ug/l	99
15) Acrylonitrile	5.730	53	344565	244.715	ug/l	98
16) Acetone	4.436	43	340539	287.178	ug/l	100
17) Carbon Disulfide	4.724	76	374327	47.508	ug/l	100
18) Methyl Acetate	5.036	43	185916	46.261	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	516800	50.165	ug/l	99
20) Methylene Chloride	5.289	84	169755	48.357	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	161324	47.058	ug/l	91
22) Diisopropyl ether	6.683	45	425712	48.952	ug/l	97
23) Vinyl Acetate	6.612	43	1474391	262.326	ug/l	99
24) 1,1-Dichloroethane	6.577	63	276409	47.683	ug/l	97
25) 2-Butanone	7.489	43	457894	252.818	ug/l	98
26) 2,2-Dichloropropane	7.494	77	245071	50.161	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	192526	48.151	ug/l	99
28) Bromochloromethane	7.818	49	116053	49.393	ug/l	100
29) Tetrahydrofuran	7.841	42	281046	251.424	ug/l	99
30) Chloroform	7.971	83	311047	48.493	ug/l	98
31) Cyclohexane	8.265	56	245609	43.221	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	278895	47.624	ug/l	97
36) 1,1-Dichloropropene	8.377	75	225813	48.299	ug/l	99
37) Ethyl Acetate	7.565	43	177468	47.326	ug/l	99
38) Carbon Tetrachloride	8.371	117	252564	48.442	ug/l	98
39) Methylcyclohexane	9.606	83	292316	51.199	ug/l	98
40) Benzene	8.612	78	676159	48.366	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	98214	50.020	ug/l	98
42) 1,2-Dichloroethane	8.677	62	235177	49.167	ug/l	100
43) Isopropyl Acetate	8.694	43	311804	51.110	ug/l	99
44) Trichloroethene	9.353	130	183273	46.351	ug/l	98
45) 1,2-Dichloropropane	9.624	63	161230	48.170	ug/l	98
46) Dibromomethane	9.712	93	125294	49.580	ug/l	99
47) Bromodichloromethane	9.888	83	244611	49.907	ug/l	99
48) Methyl methacrylate	9.682	41	144096	49.893	ug/l	100
49) 1,4-Dioxane	9.694	88	63029	1034.263	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	912472	254.790	ug/l	100
52) Toluene	10.630	92	445177	47.618	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	255385	54.658	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	277331	51.592	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	178657	49.995	ug/l	98
56) Ethyl methacrylate	10.877	69	251482	54.510	ug/l	99
57) 1,3-Dichloropropane	11.165	76	289318	49.820	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	405571	260.404	ug/l	99
59) 2-Hexanone	11.194	43	688480	265.290	ug/l	100
60) Dibromochloromethane	11.359	129	199929	53.148	ug/l	99
61) 1,2-Dibromoethane	11.471	107	182514	51.168	ug/l	100
64) Tetrachloroethene	11.106	164	177815	40.888	ug/l	96
65) Chlorobenzene	11.894	112	482822	47.364	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	185295	48.855	ug/l	99
67) Ethyl Benzene	11.965	91	873391	50.061	ug/l	100
68) m/p-Xylenes	12.071	106	700187	100.087	ug/l	99
69) o-Xylene	12.400	106	340902	49.621	ug/l	98
70) Styrene	12.412	104	566288	51.624	ug/l	99
71) Bromoform	12.582	173	145509	53.125	ug/l #	99
73) Isopropylbenzene	12.700	105	892024	47.936	ug/l	100
74) N-amyl acetate	12.494	43	278102	51.955	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	248908	46.529	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	304569	69.880	ug/l	86
77) Bromobenzene	12.982	156	211874	48.685	ug/l	98
78) n-propylbenzene	13.035	91	1030613	49.084	ug/l	100
79) 2-Chlorotoluene	13.129	91	603698	46.855	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	767925	49.259	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	75825	52.447	ug/l	98
82) 4-Chlorotoluene	13.129	91	603698	46.855	ug/l	100
83) tert-Butylbenzene	13.441	119	677671	48.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	769939	49.254	ug/l	100
85) sec-Butylbenzene	13.618	105	953364	49.552	ug/l	99
86) p-Isopropyltoluene	13.729	119	821383	51.917	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	410189	46.768	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	406201	48.688	ug/l	99
89) n-Butylbenzene	14.059	91	675183	53.760	ug/l	100
90) Hexachloroethane	14.335	117	139536	51.101	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	401752	45.990	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45454	48.881	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	196649	46.676	ug/l	98
94) Hexachlorobutadiene	15.506	225	101628	43.839	ug/l	95
95) Naphthalene	15.641	128	593905	47.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	192542	47.903	ug/l	99

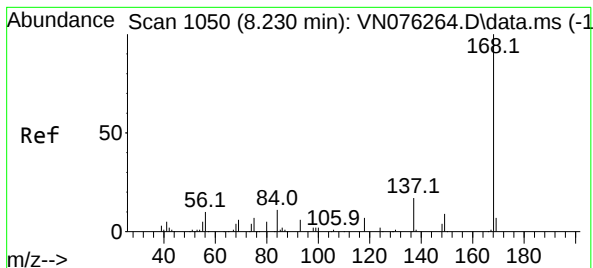
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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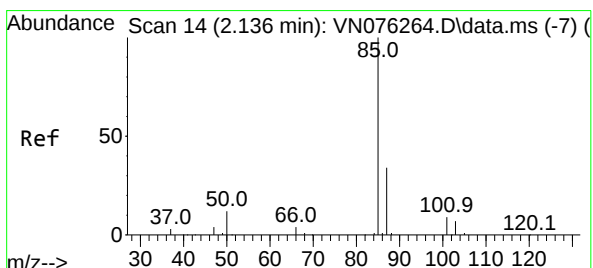
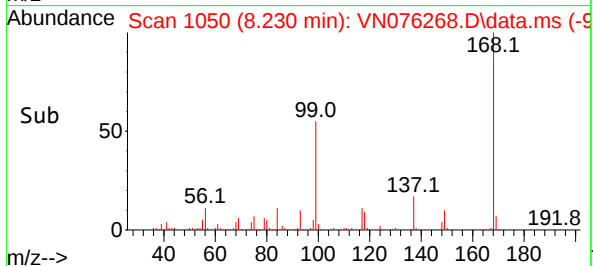
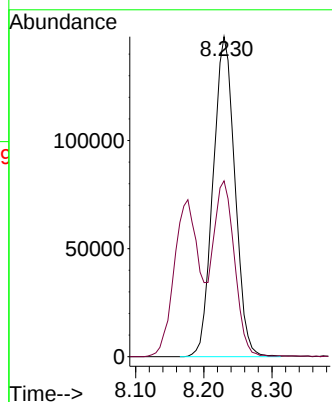
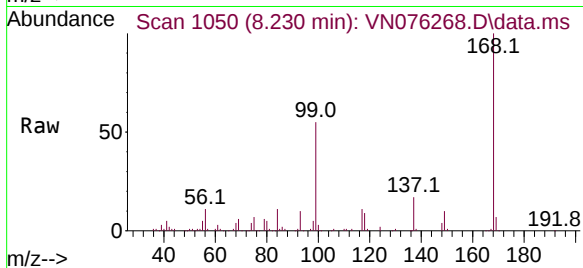
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

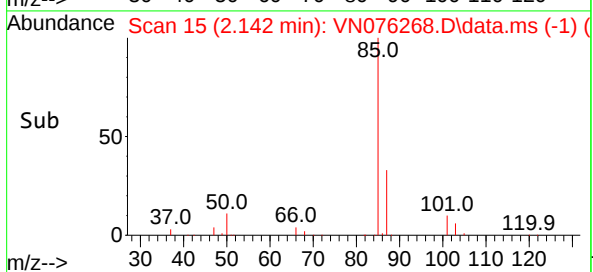
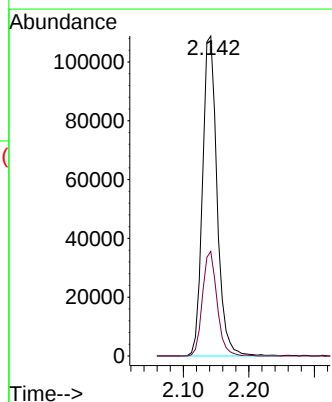
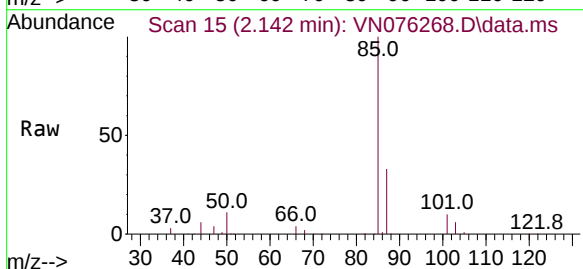
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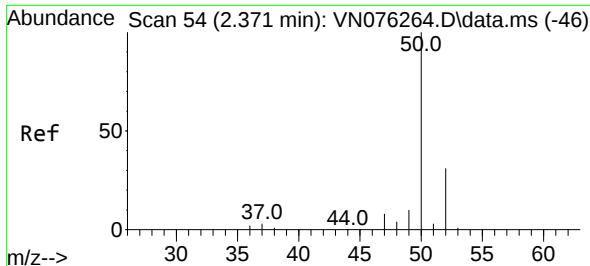
Tgt Ion:168 Resp: 330380
Ion Ratio Lower Upper
168 100
99 54.7 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 49.700 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 85 Resp: 168263
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.2

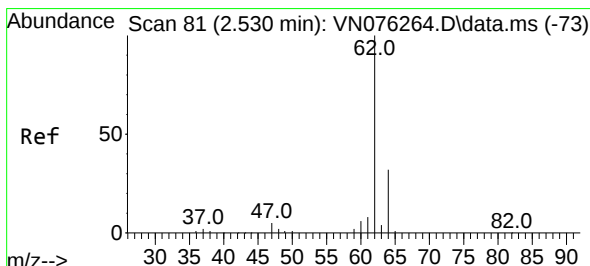
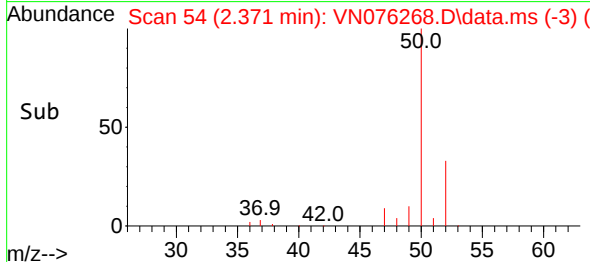
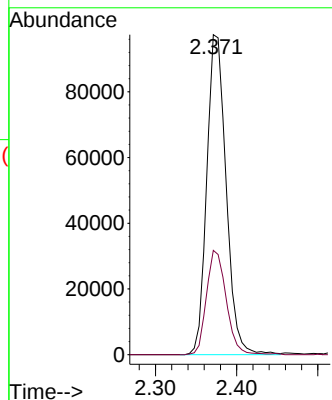
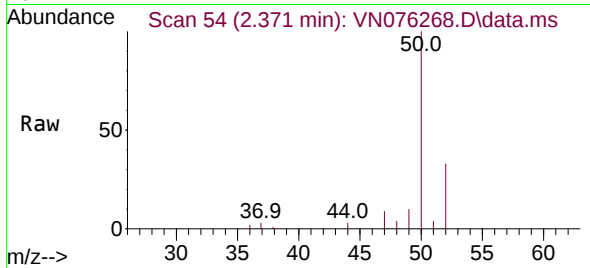




#3
Chloromethane
Concen: 45.998 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

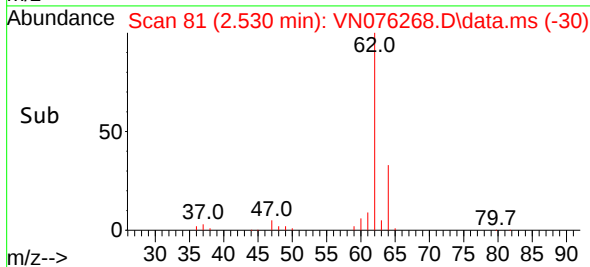
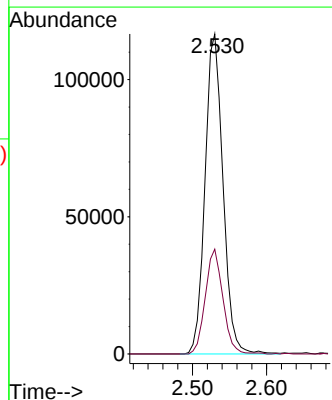
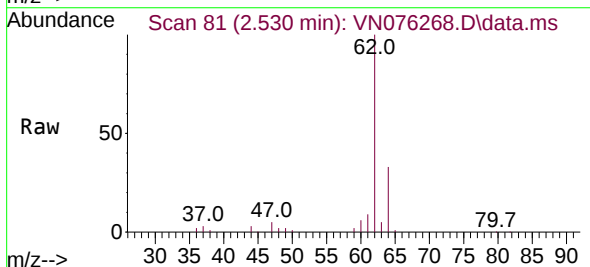
Instrument :
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ClientSampleId :
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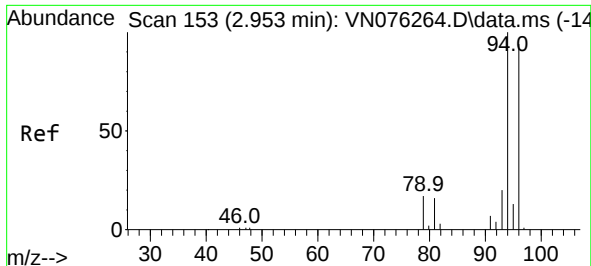
Tgt Ion: 50 Resp: 161239
Ion Ratio Lower Upper
50 100
52 32.6 24.8 37.2



#4
Vinyl Chloride
Concen: 45.716 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 62 Resp: 196496
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.6

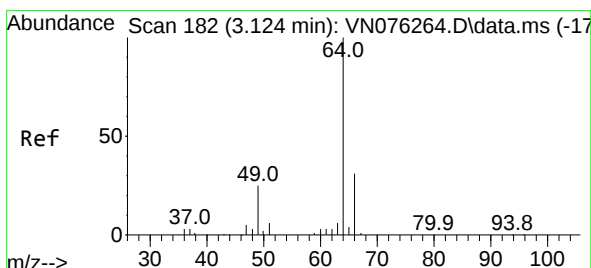
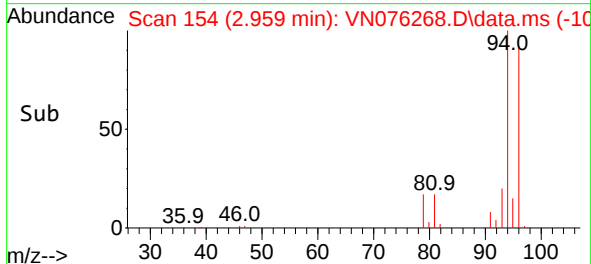
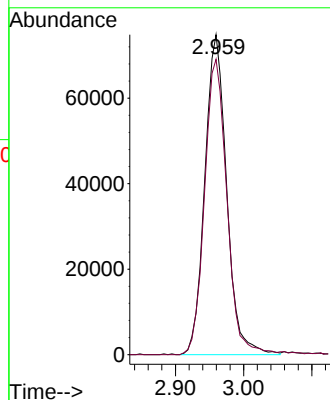
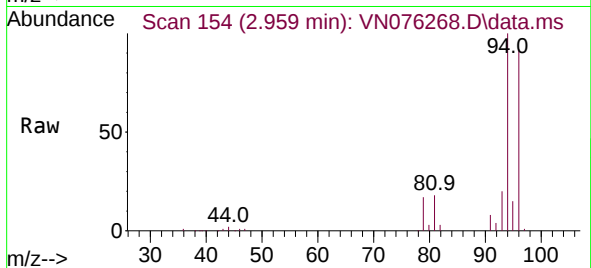




#5
Bromomethane
Concen: 47.427 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

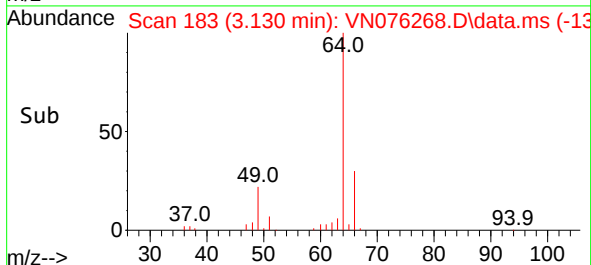
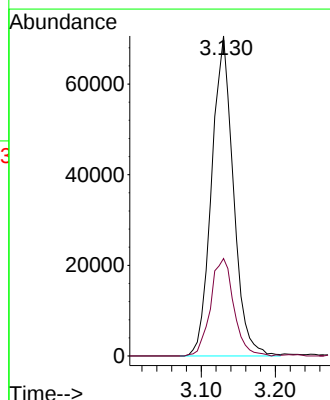
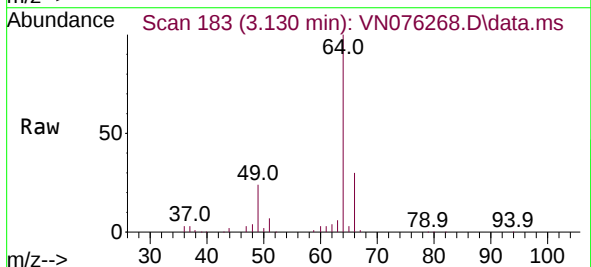
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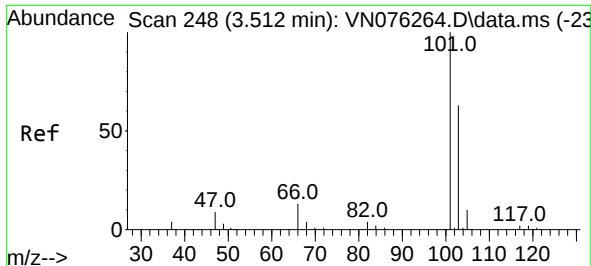
Tgt Ion: 94 Resp: 166938
Ion Ratio Lower Upper
94 100
96 92.3 75.1 112.7



#6
Chloroethane
Concen: 44.705 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 64 Resp: 144083
Ion Ratio Lower Upper
64 100
66 30.5 24.8 37.2

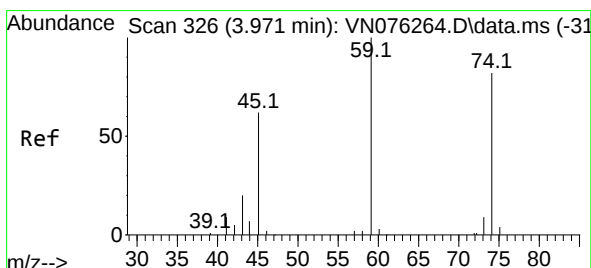
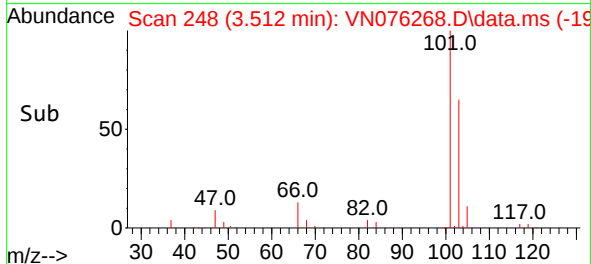
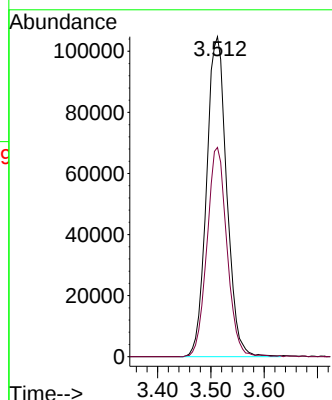
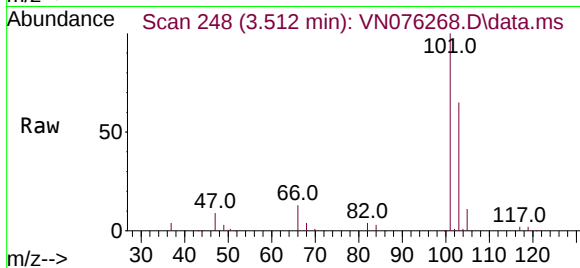




#7
Trichlorofluoromethane
Concen: 46.473 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

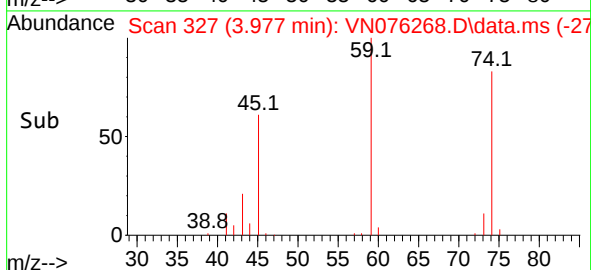
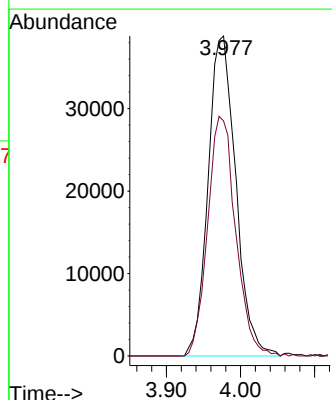
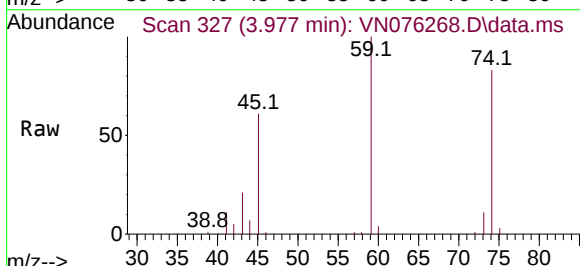
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MSVOA_N
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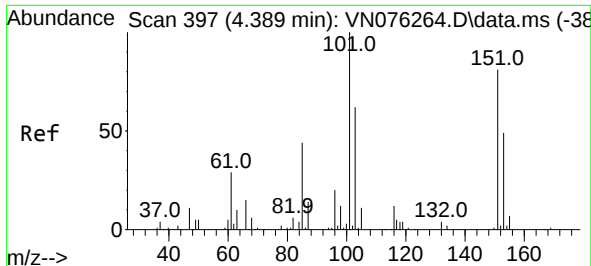
Tgt Ion:101 Resp: 274807
Ion Ratio Lower Upper
101 100
103 65.4 50.2 75.4



#8
Diethyl Ether
Concen: 50.822 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 74 Resp: 100800
Ion Ratio Lower Upper
74 100
45 75.8 37.8 113.3

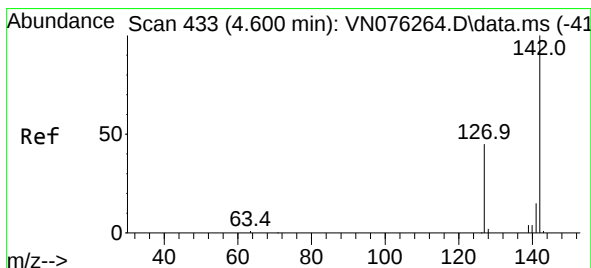
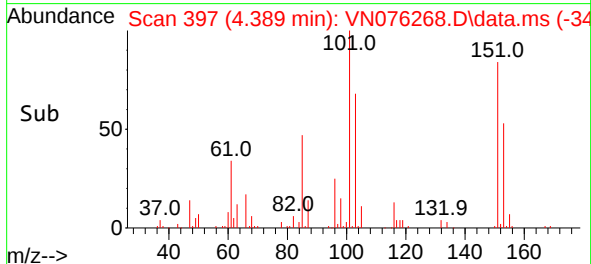
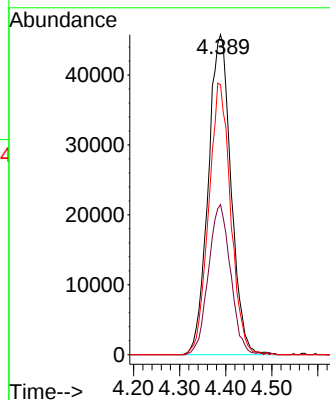
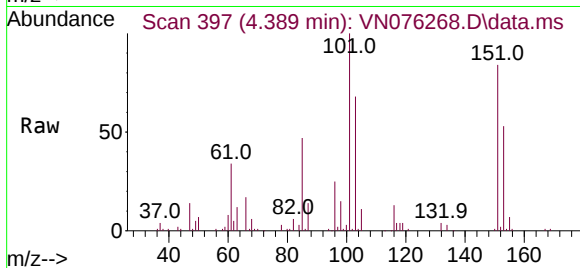




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.053 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

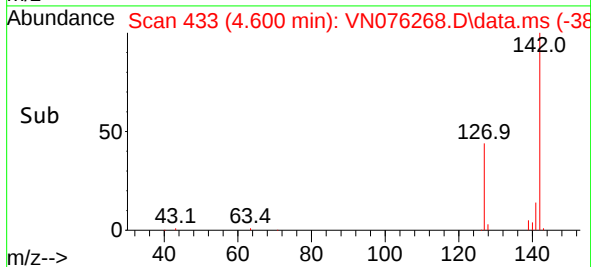
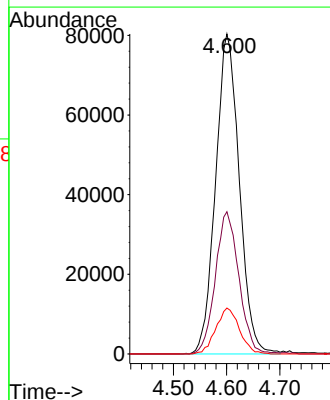
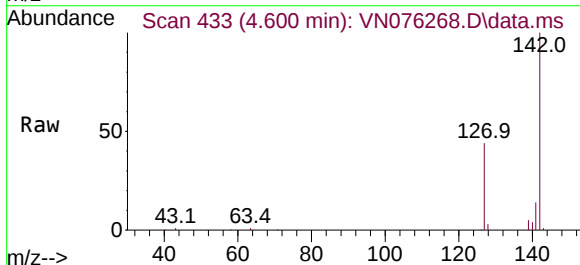
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

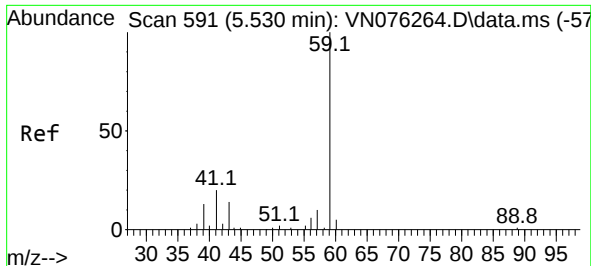
Tgt Ion:101 Resp: 157511
Ion Ratio Lower Upper
101 100
85 45.5 35.5 53.3
151 81.5 65.5 98.3



#10
Methyl Iodide
Concen: 48.556 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion:142 Resp: 248280
Ion Ratio Lower Upper
142 100
127 44.3 35.0 52.4
141 14.3 11.5 17.3

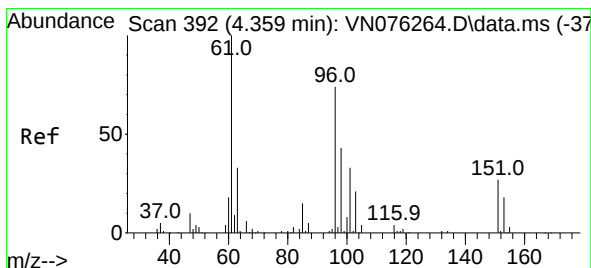
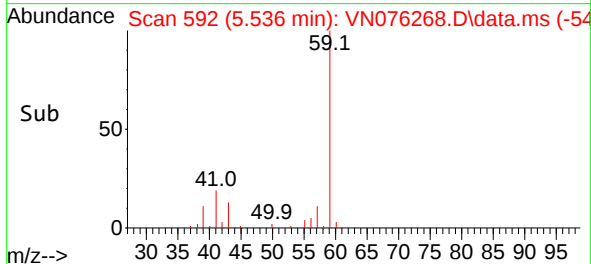
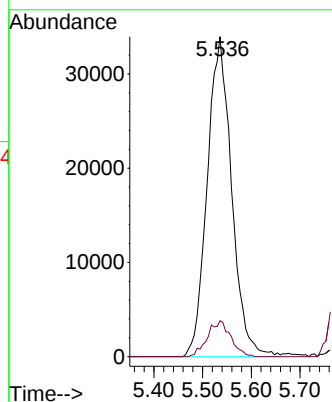
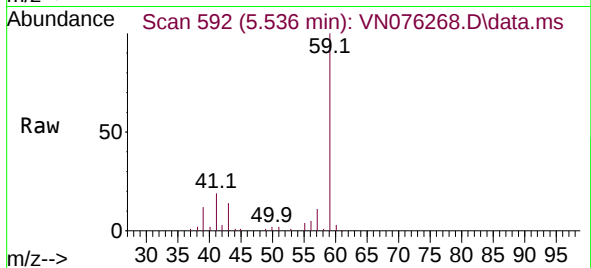




#11
Tert butyl alcohol
Concen: 238.467 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

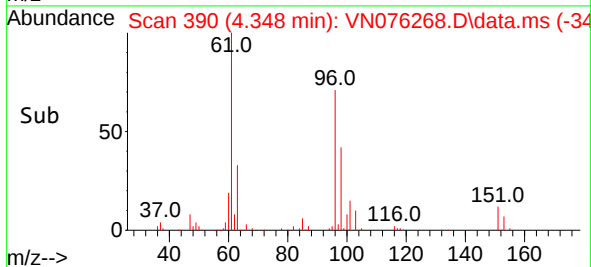
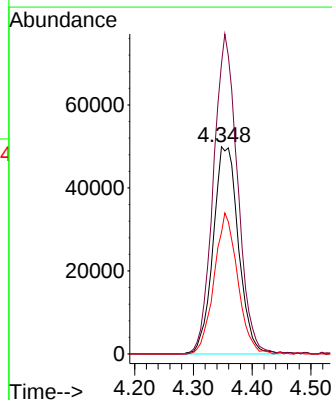
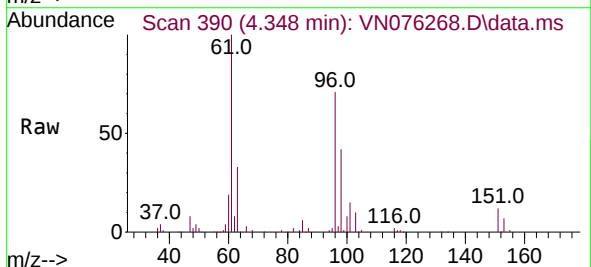
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

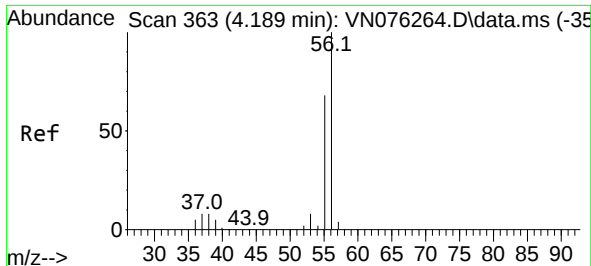
Tgt Ion: 59 Resp: 117992
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7



#12
1,1-Dichloroethene
Concen: 47.273 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.011 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 96 Resp: 149593
Ion Ratio Lower Upper
96 100
61 140.1 108.2 162.4
98 58.6 47.0 70.6

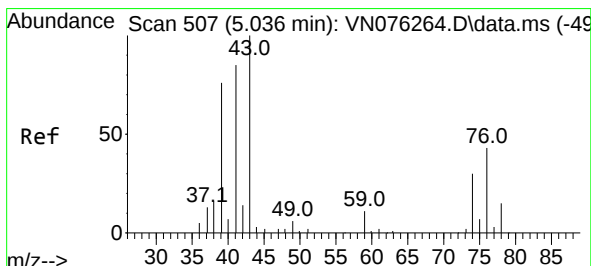
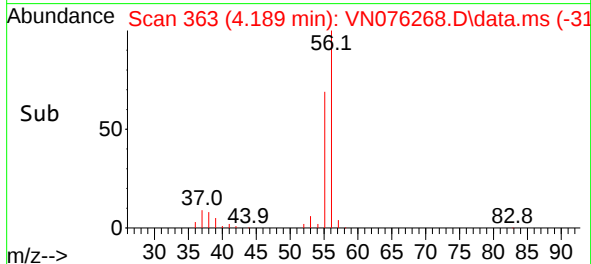
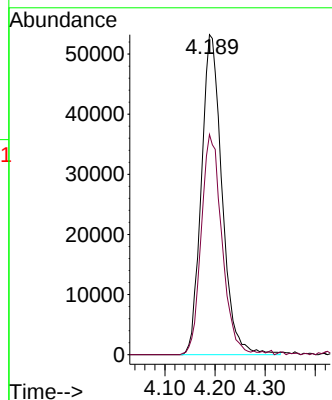
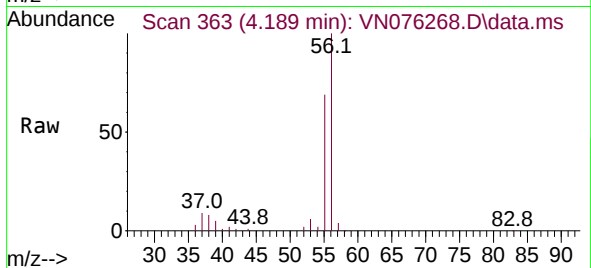




#13
Acrolein
Concen: 257.521 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

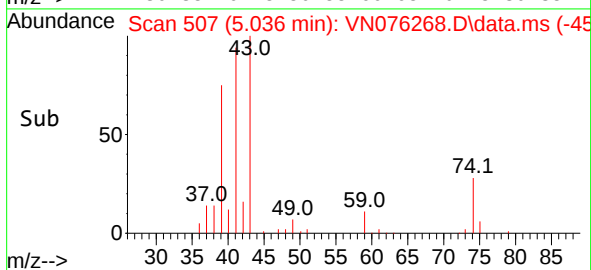
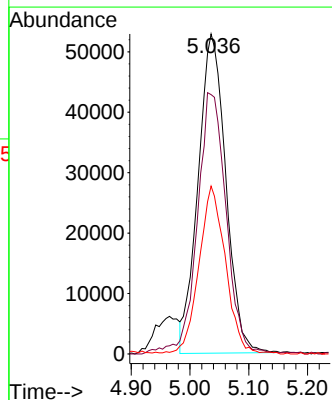
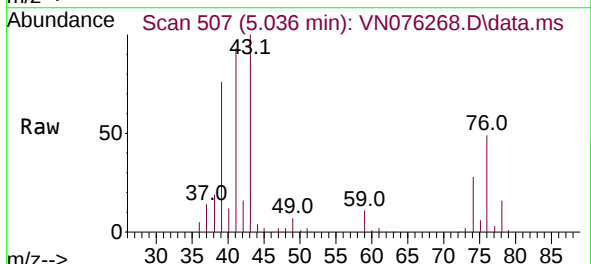
Instrument :
MSVOA_N
ClientSampleId :
ICV011623

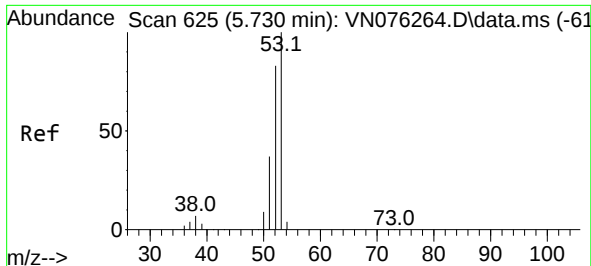
Tgt Ion: 56 Resp: 152382
Ion Ratio Lower Upper
56 100
55 68.9 55.8 83.6



#14
Allyl chloride
Concen: 46.960 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 41 Resp: 173173
Ion Ratio Lower Upper
41 100
39 85.1 67.4 101.0
76 49.3 39.8 59.8

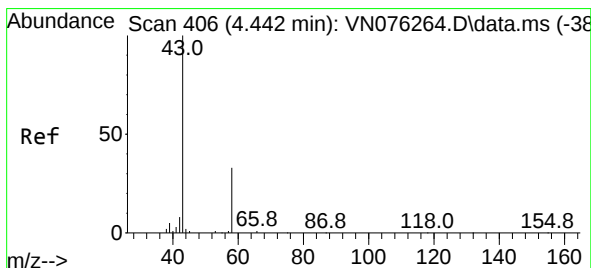
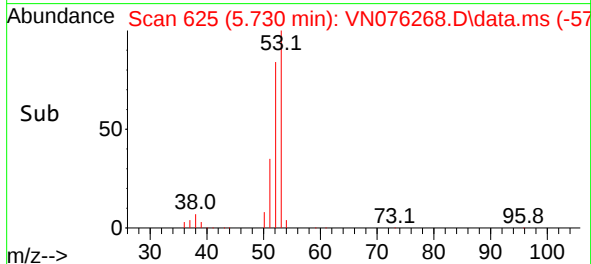
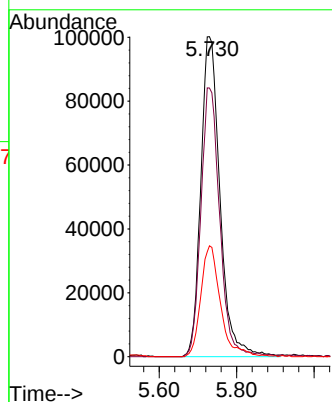
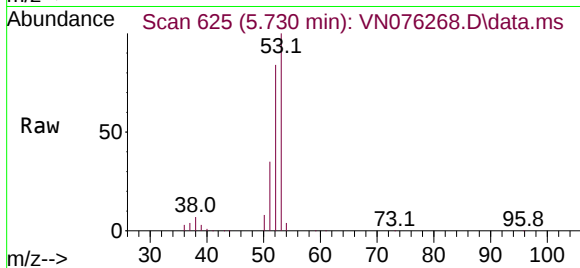




#15
Acrylonitrile
Concen: 244.715 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

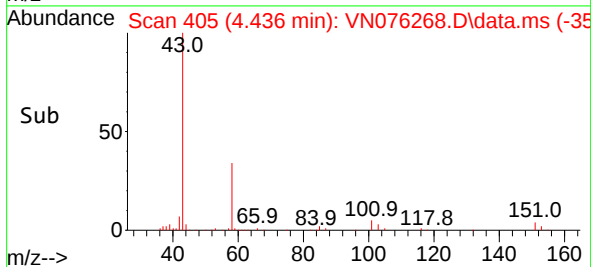
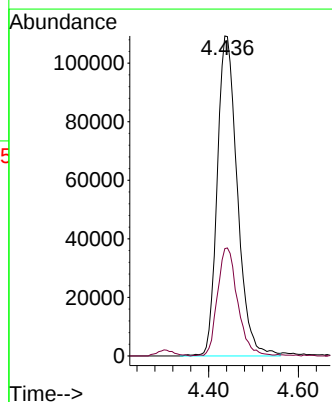
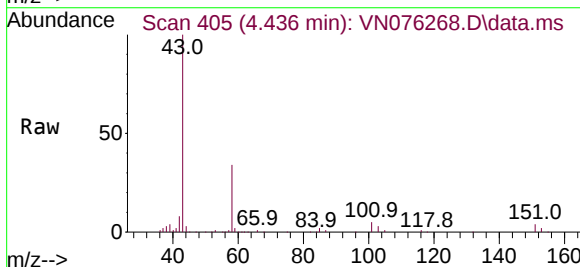
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

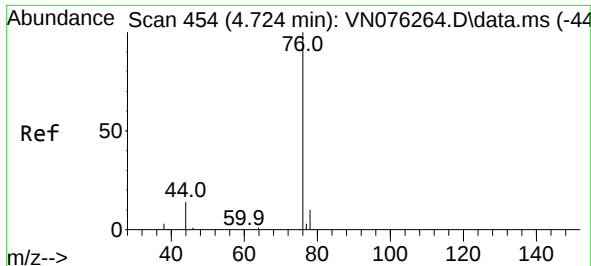
Tgt Ion: 53 Resp: 344565
Ion Ratio Lower Upper
53 100
52 82.2 64.7 97.1
51 35.4 29.2 43.8



#16
Acetone
Concen: 287.178 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 43 Resp: 340539
Ion Ratio Lower Upper
43 100
58 33.2 26.7 40.1

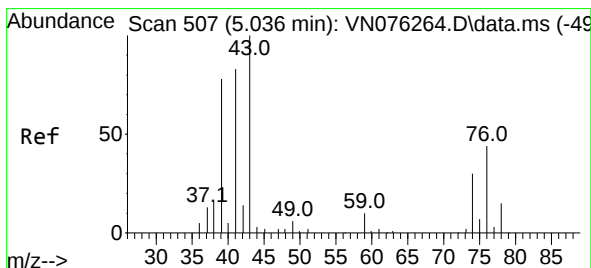
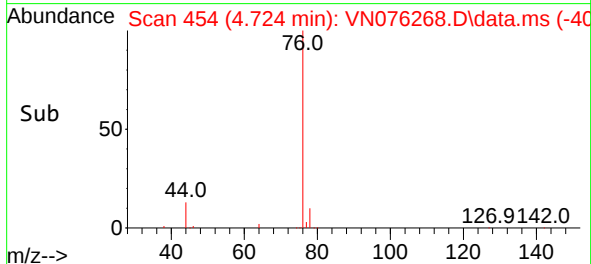
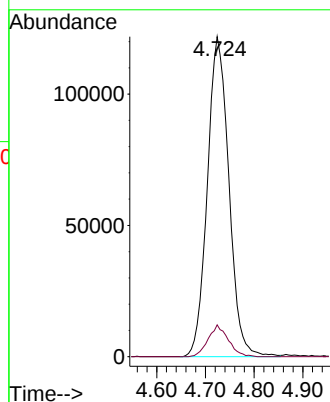
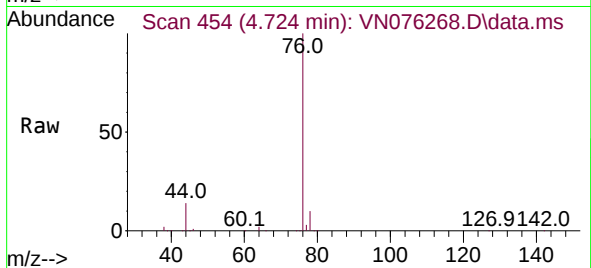




#17
Carbon Disulfide
Concen: 47.508 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

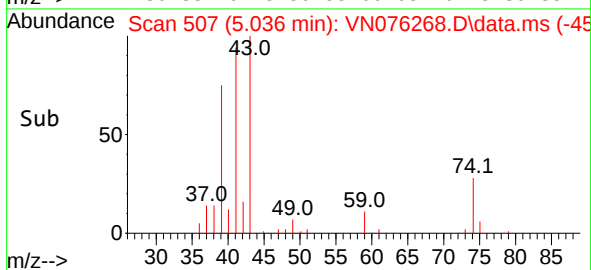
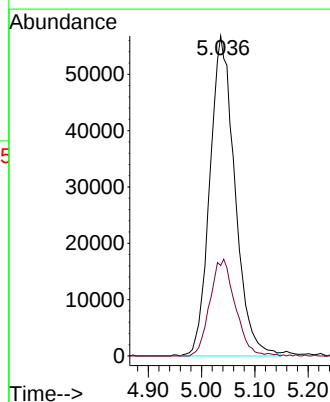
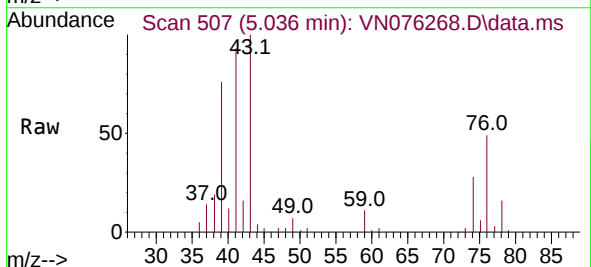
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

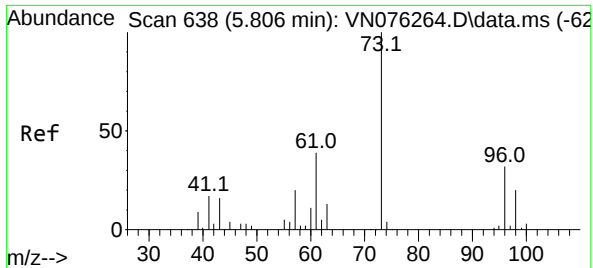
Tgt Ion: 76 Resp: 374327
Ion Ratio Lower Upper
76 100
78 9.9 8.0 12.0



#18
Methyl Acetate
Concen: 46.261 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 43 Resp: 185916
Ion Ratio Lower Upper
43 100
74 30.3 23.3 34.9

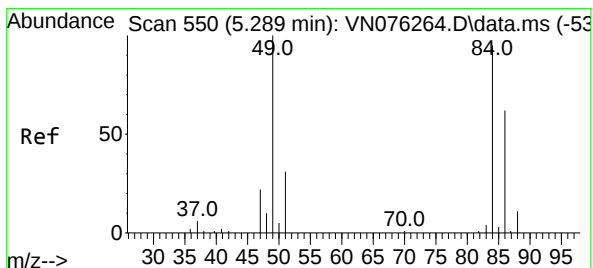
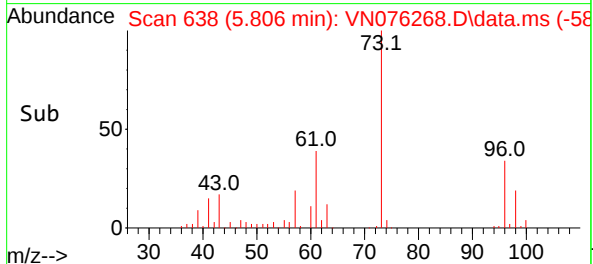
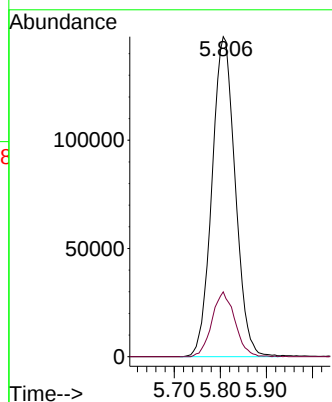
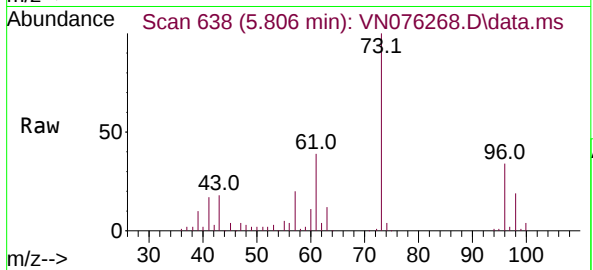




#19
Methyl tert-butyl Ether
Concen: 50.165 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

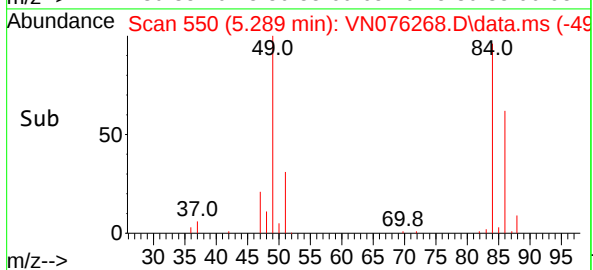
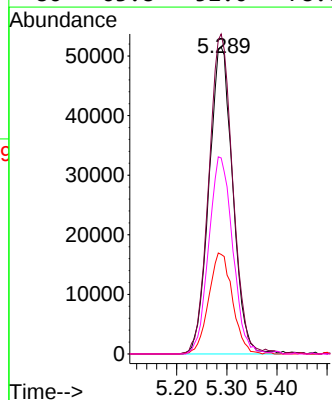
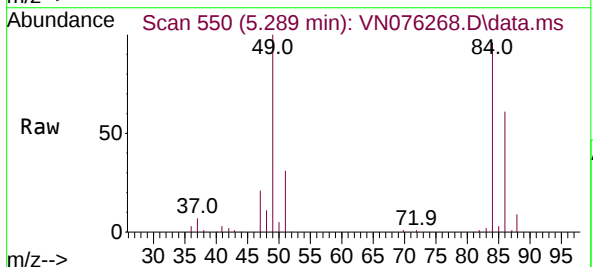
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

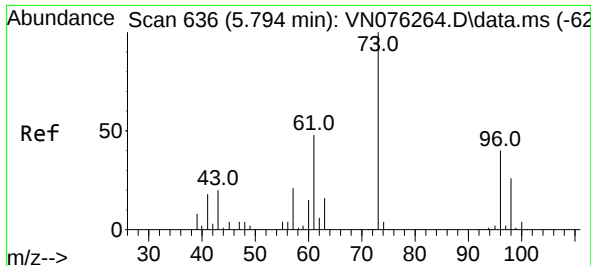
Tgt Ion: 73 Resp: 516800
Ion Ratio Lower Upper
73 100
57 20.2 15.9 23.9



#20
Methylene Chloride
Concen: 48.357 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 84 Resp: 169755
Ion Ratio Lower Upper
84 100
49 104.2 84.5 126.7
51 32.4 26.0 39.0
86 63.8 52.0 78.0

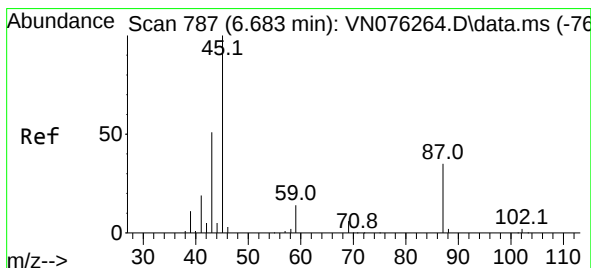
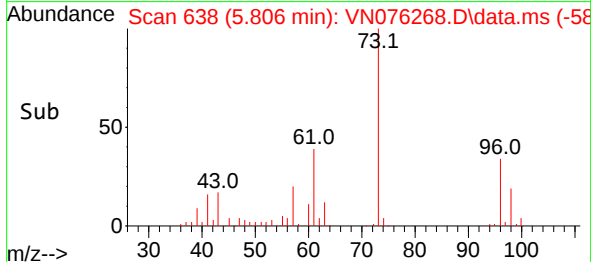
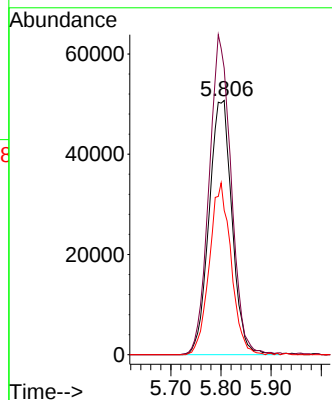
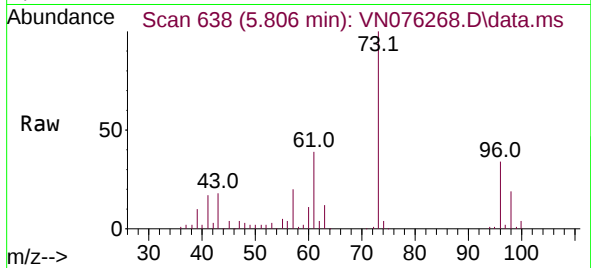




#21
trans-1,2-Dichloroethene
Concen: 47.058 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

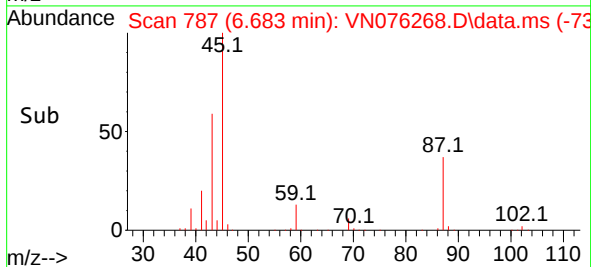
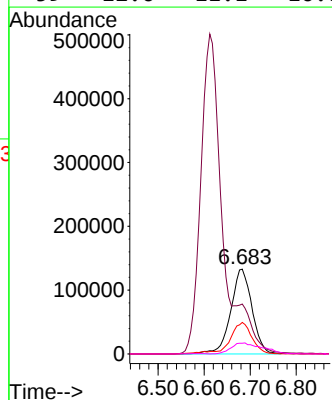
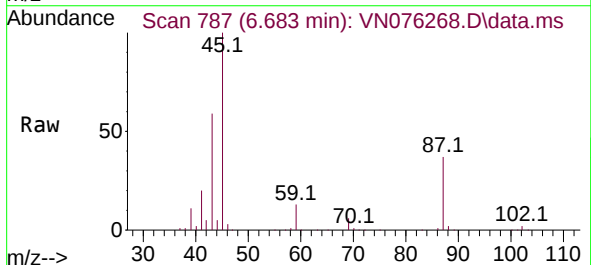
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

Tgt Ion: 96 Resp: 161324
Ion Ratio Lower Upper
96 100
61 112.7 97.0 145.4
98 56.8 51.9 77.9



#22
Diisopropyl ether
Concen: 48.952 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 45 Resp: 425712
Ion Ratio Lower Upper
45 100
43 58.3 44.4 66.6
87 37.0 28.4 42.6
59 12.6 11.1 16.7

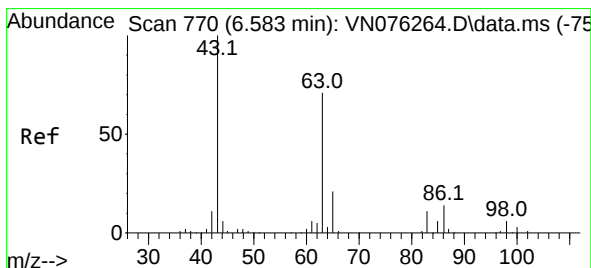
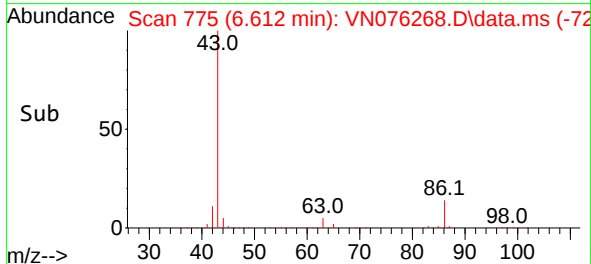
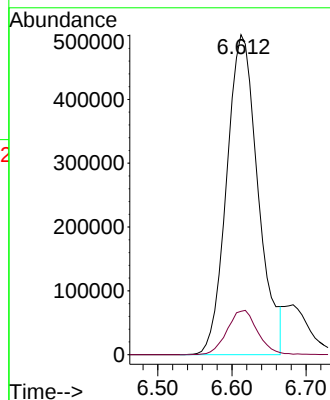
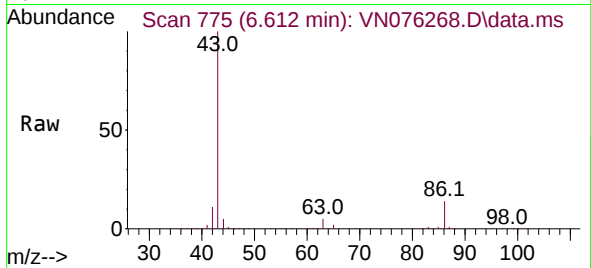




#23
 Vinyl Acetate
 Concen: 262.326 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076268.D
 Acq: 16 Jan 2023 14:40

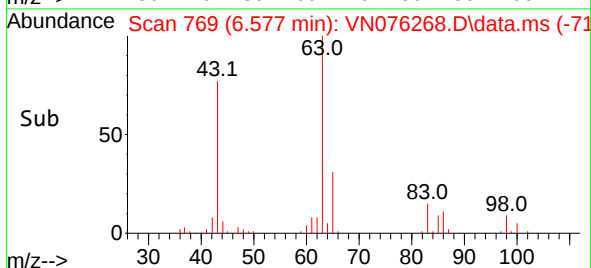
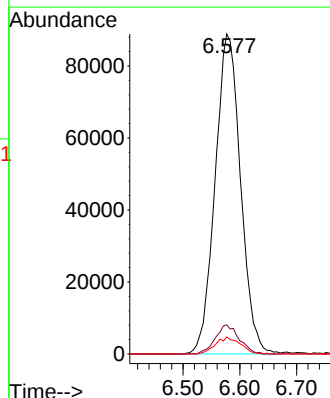
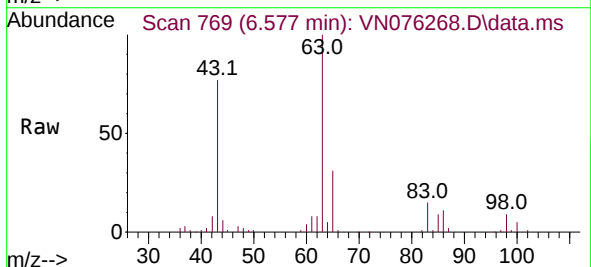
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011623

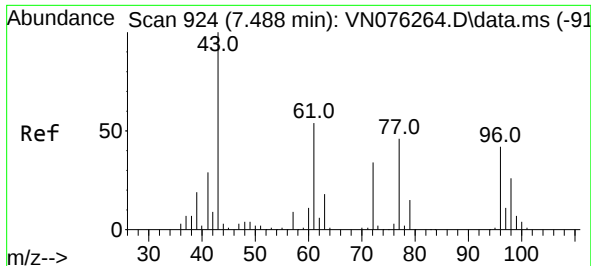
Tgt Ion: 43 Resp: 1474391
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 47.683 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076268.D
 Acq: 16 Jan 2023 14:40

Tgt Ion: 63 Resp: 276409
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.9 11.7
 100 5.4 2.2 6.6





#25

2-Butanone

Concen: 252.818 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.001 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

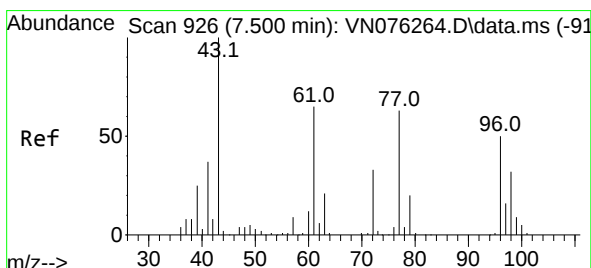
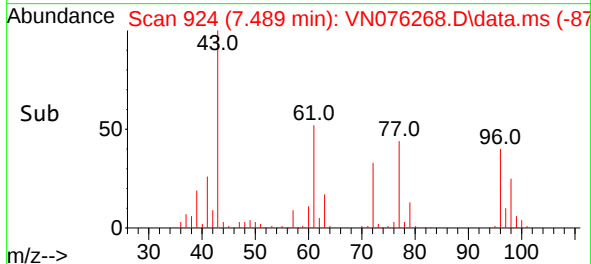
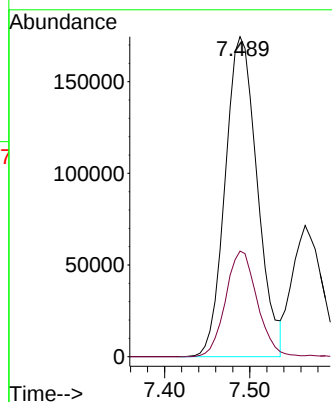
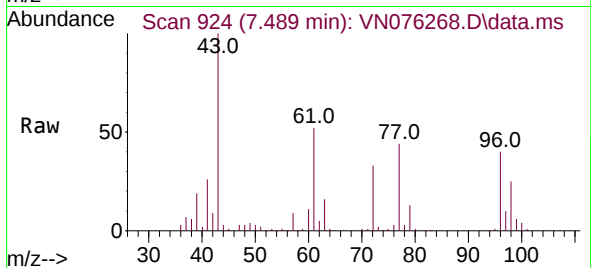
ICVVN011623

Tgt Ion: 43 Resp: 457894

Ion Ratio Lower Upper

43 100

72 33.0 27.4 41.2



#26

2,2-Dichloropropane

Concen: 50.161 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN076268.D

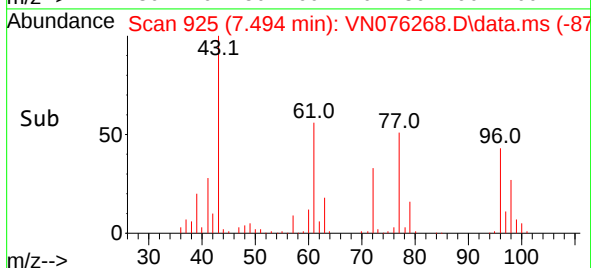
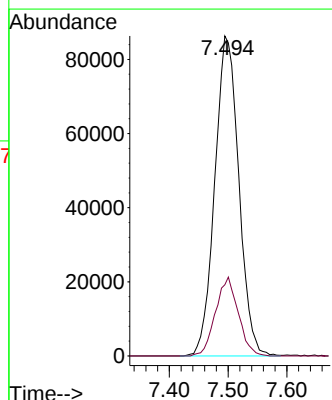
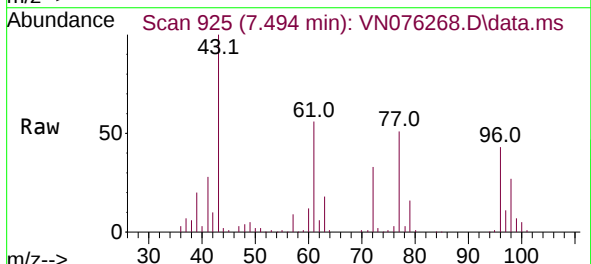
Acq: 16 Jan 2023 14:40

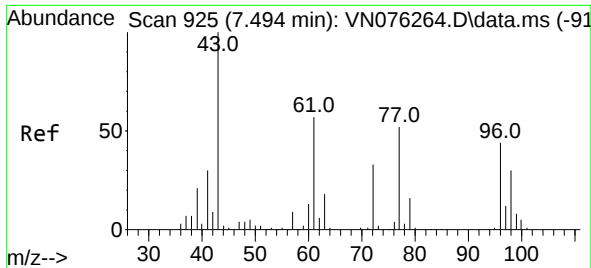
Tgt Ion: 77 Resp: 245071

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.4

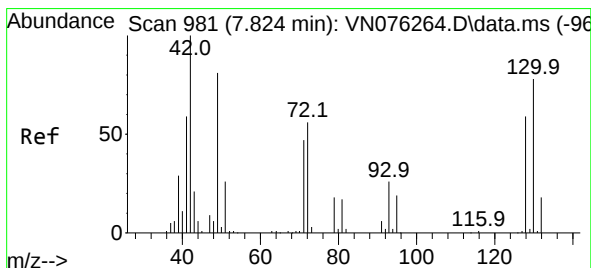
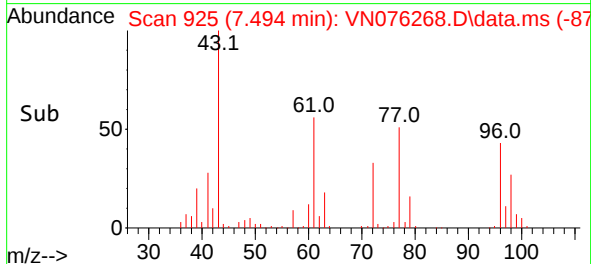
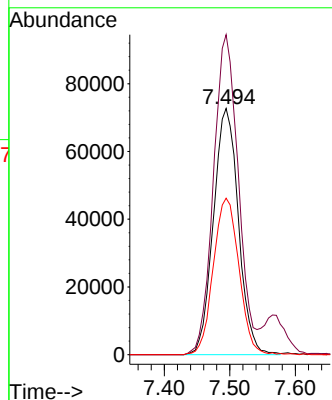
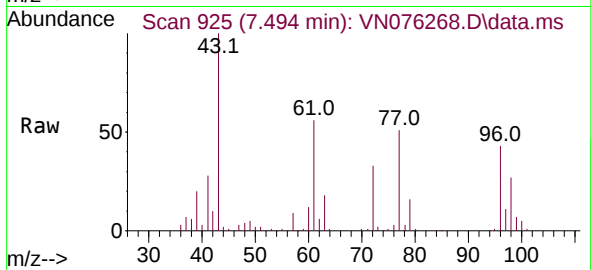




#27
 cis-1,2-Dichloroethene
 Concen: 48.151 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076268.D
 Acq: 16 Jan 2023 14:40

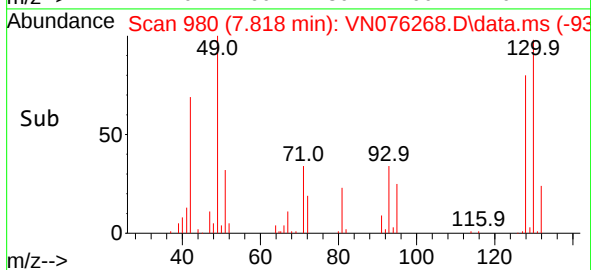
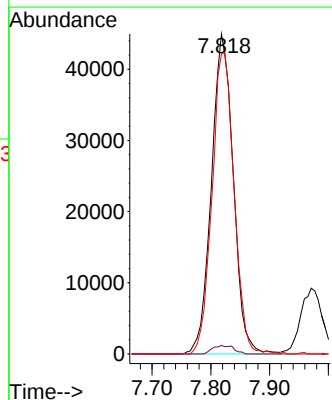
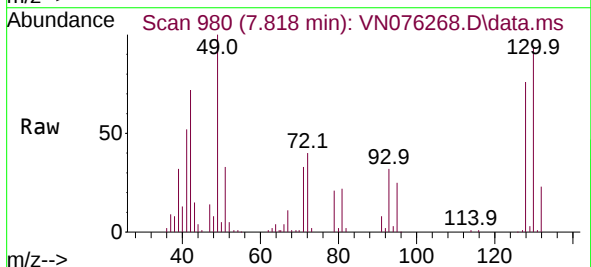
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN011623

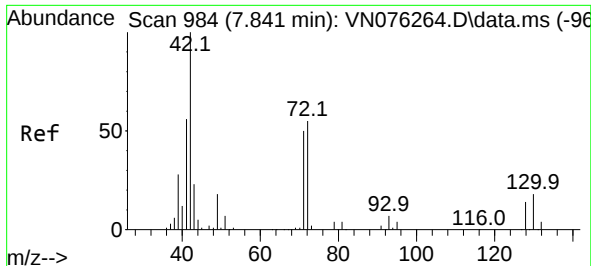
Tgt Ion: 96 Resp: 192526
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 259.6
 98 65.3 0.0 129.4



#28
 Bromochloromethane
 Concen: 49.393 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076268.D
 Acq: 16 Jan 2023 14:40

Tgt Ion: 49 Resp: 116053
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 94.6 76.0 114.0

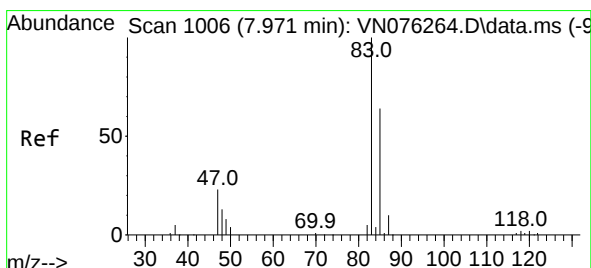
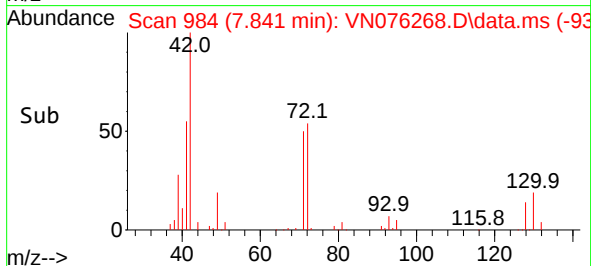
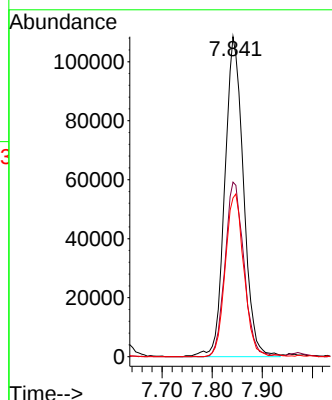
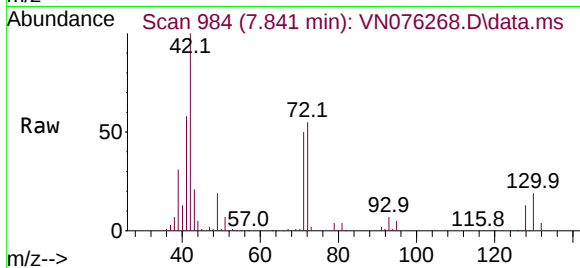




#29
Tetrahydrofuran
Concen: 251.424 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

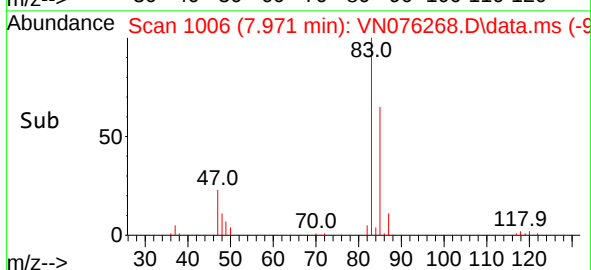
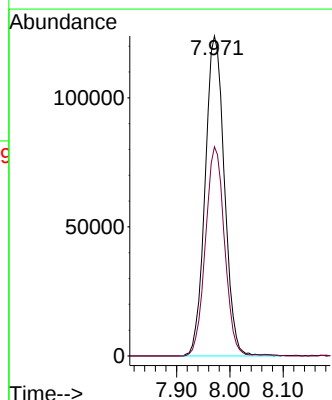
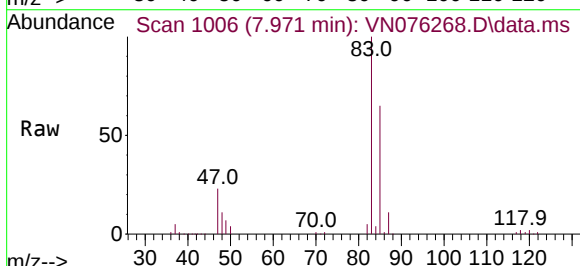
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

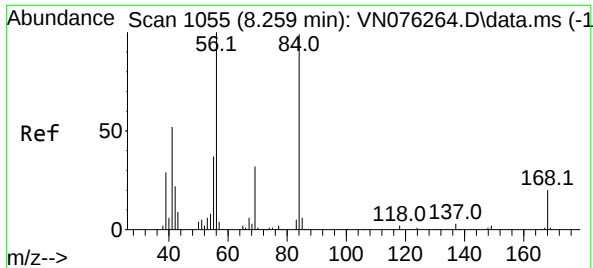
Tgt Ion: 42 Resp: 281046
Ion Ratio Lower Upper
42 100
72 54.9 44.0 66.0
71 50.5 41.1 61.7



#30
Chloroform
Concen: 48.493 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 83 Resp: 311047
Ion Ratio Lower Upper
83 100
85 65.4 51.0 76.6

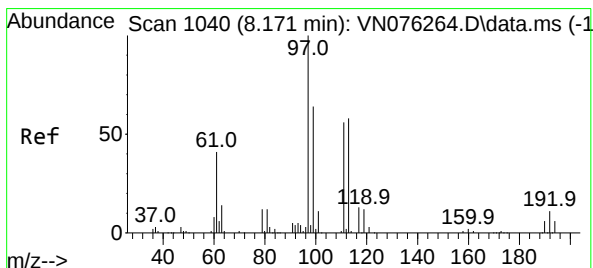
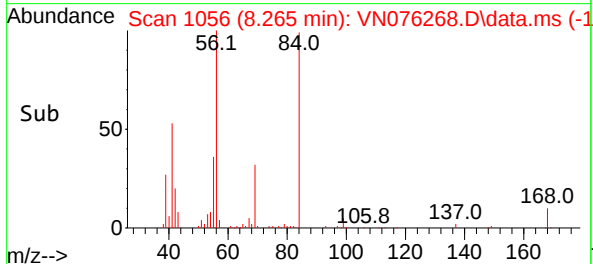
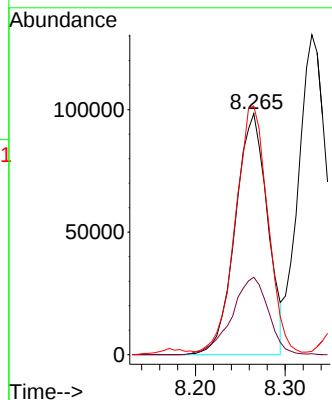
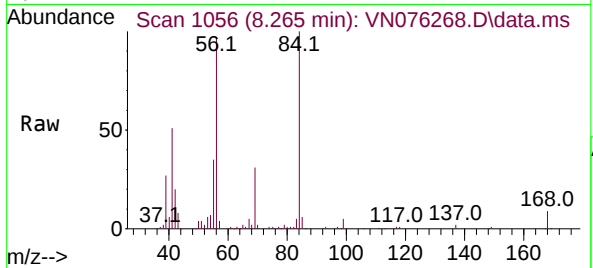




#31
Cyclohexane
Concen: 43.221 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

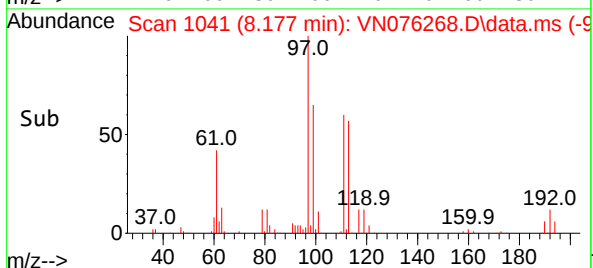
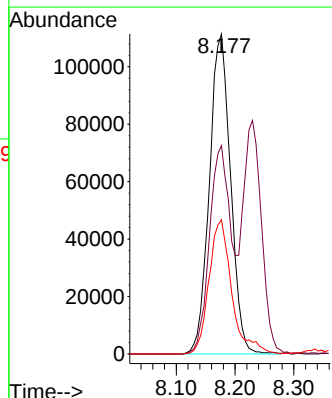
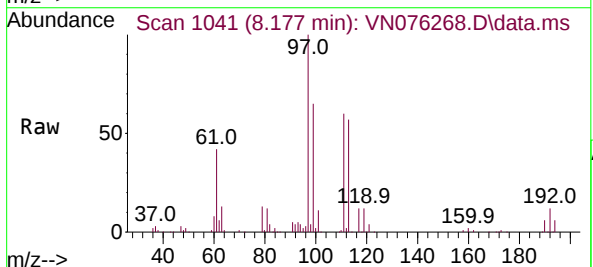
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

Tgt Ion: 56 Resp: 245609
Ion Ratio Lower Upper
56 100
69 32.1 25.8 38.8
84 101.0 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 47.624 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 97 Resp: 278895
Ion Ratio Lower Upper
97 100
99 64.5 55.0 82.4
61 45.1 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.447 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

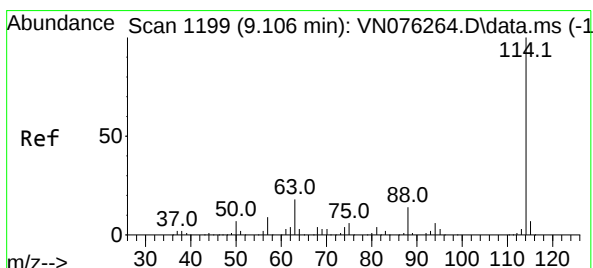
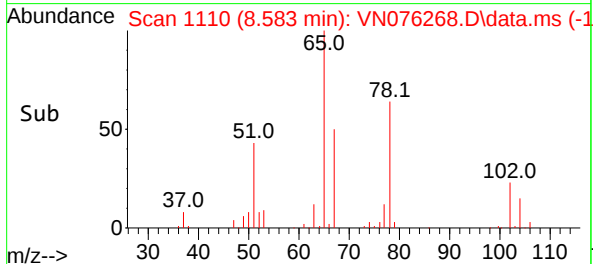
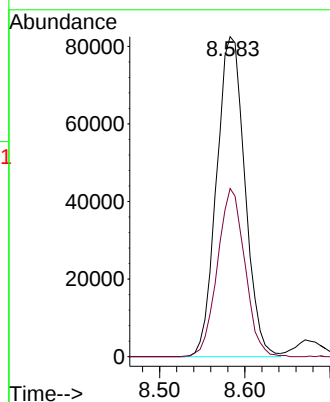
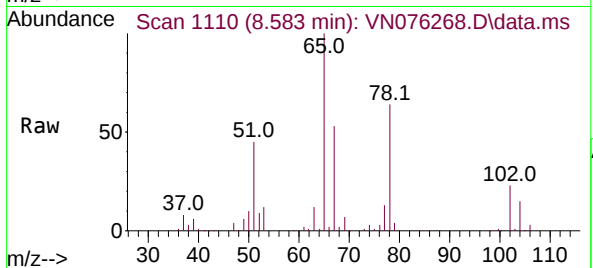
ICVVN011623

Tgt Ion: 65 Resp: 190314

Ion Ratio Lower Upper

65 100

67 50.9 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: VN076268.D

Acq: 16 Jan 2023 14:40

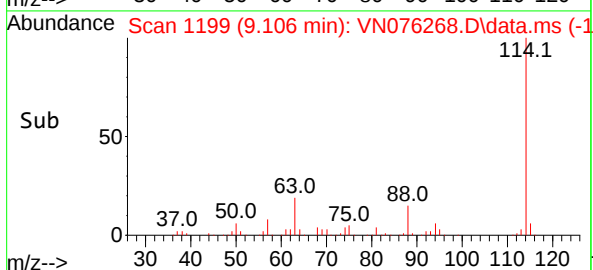
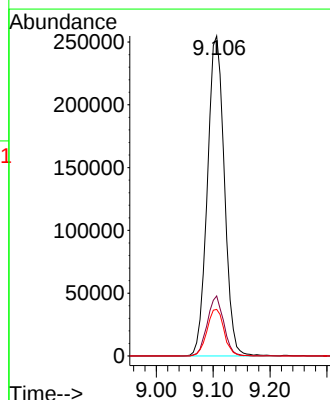
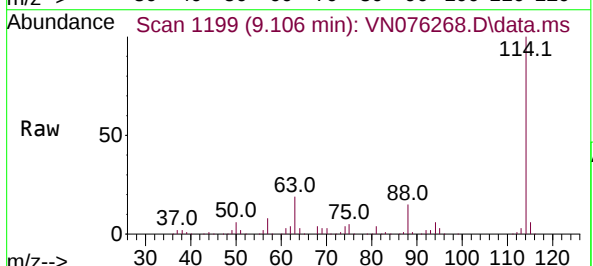
Tgt Ion: 114 Resp: 525981

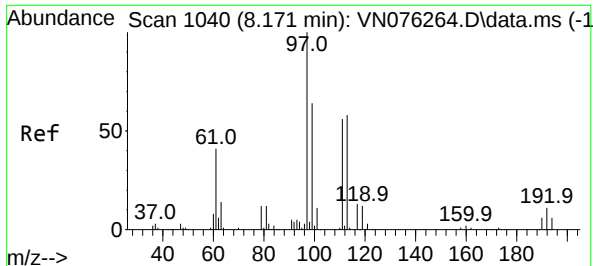
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.8

88 14.5 0.0 28.0





#35

Dibromofluoromethane

Concen: 50.374 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

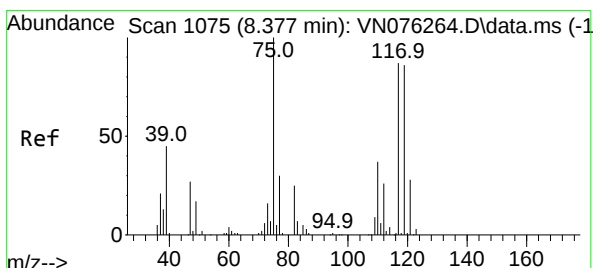
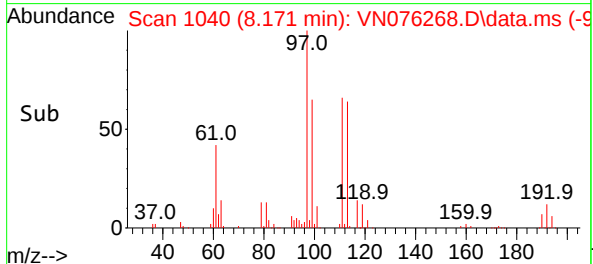
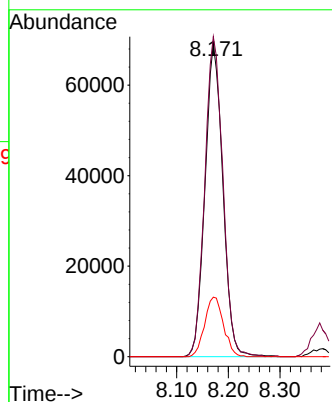
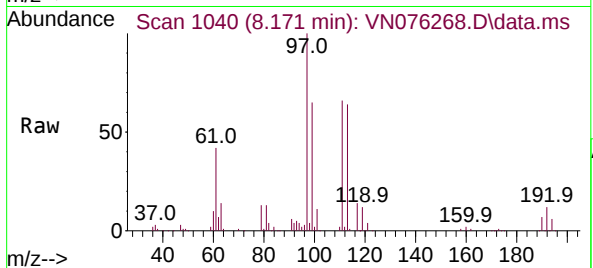
Tgt Ion:113 Resp: 165743

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

192 20.1 15.6 23.4



#36

1,1-Dichloropropene

Concen: 48.299 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

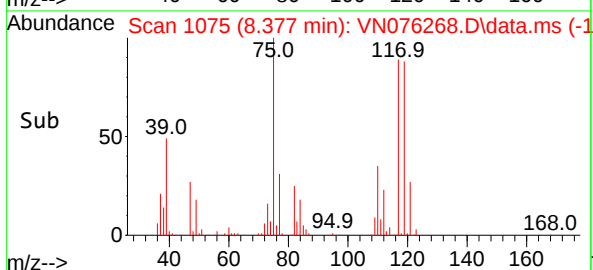
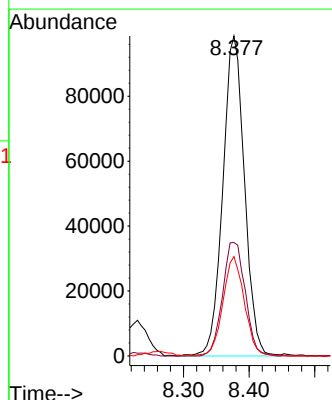
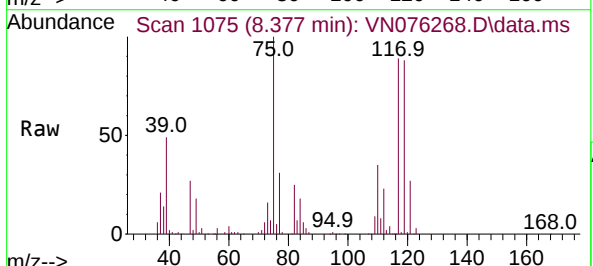
Tgt Ion: 75 Resp: 225813

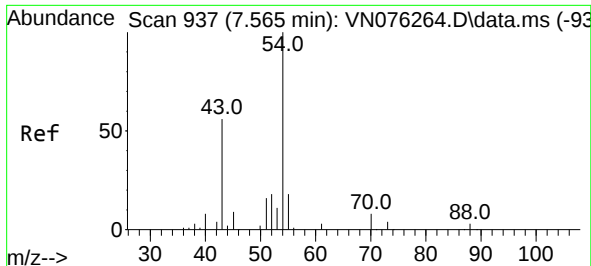
Ion Ratio Lower Upper

75 100

110 37.1 18.8 56.3

77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 47.326 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

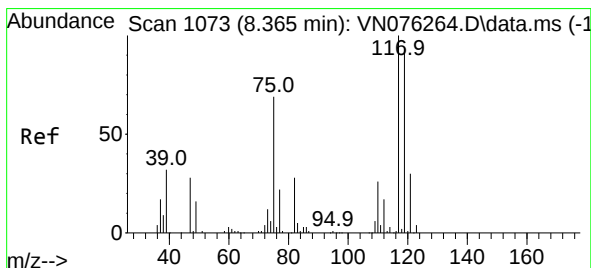
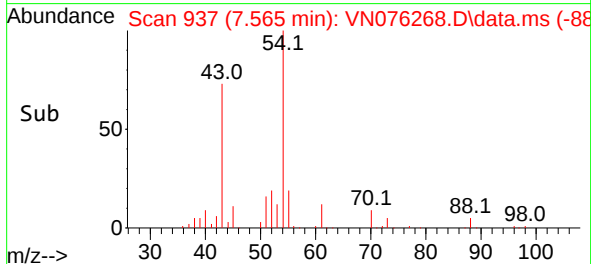
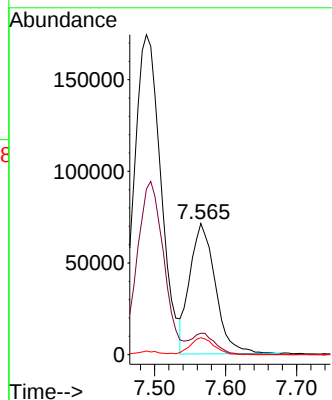
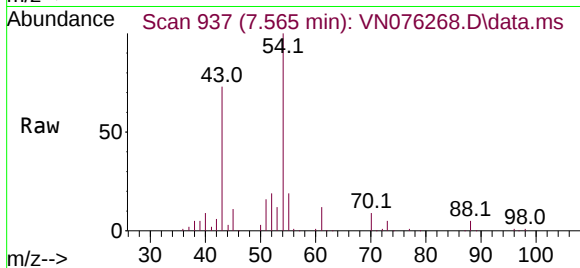
Tgt Ion: 43 Resp: 177468

Ion Ratio Lower Upper

43 100

61 14.8 11.1 16.7

70 12.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 48.442 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

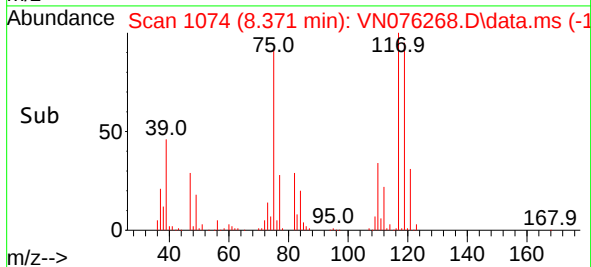
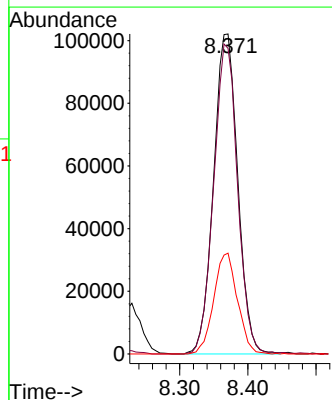
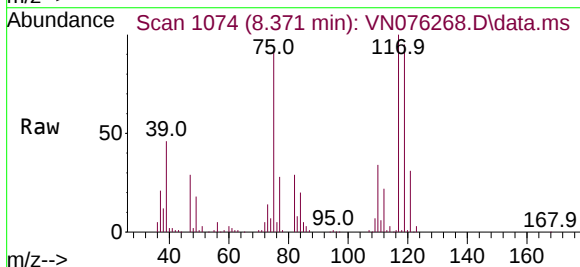
Tgt Ion: 117 Resp: 252564

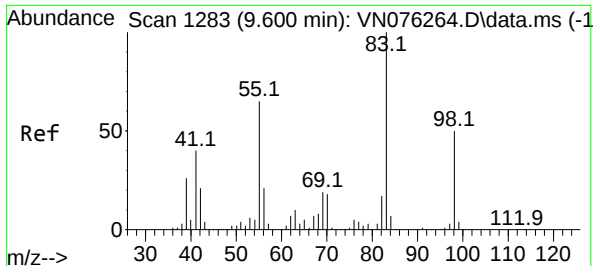
Ion Ratio Lower Upper

117 100

119 95.5 75.4 113.0

121 31.5 24.2 36.2





#39

Methylcyclohexane

Concen: 51.199 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

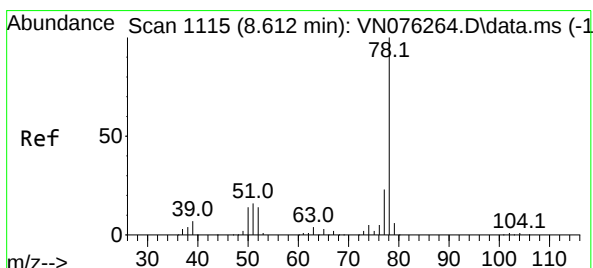
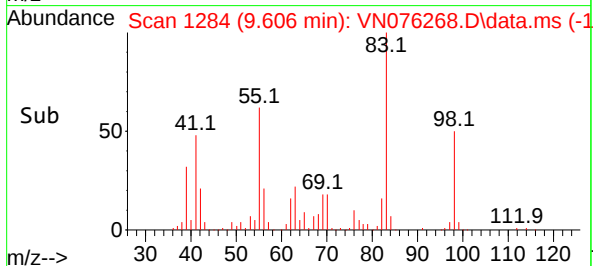
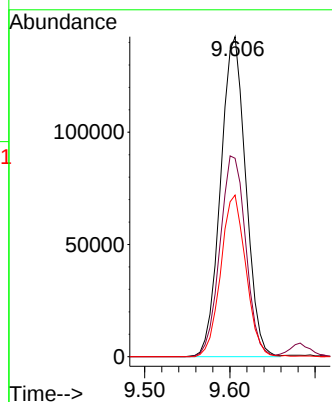
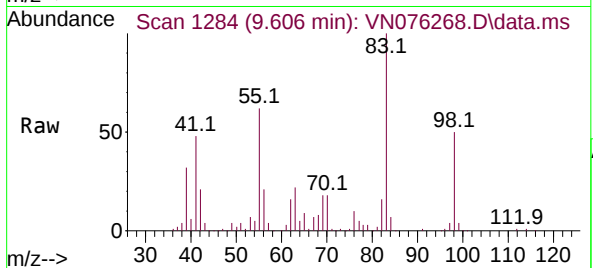
Tgt Ion: 83 Resp: 292316

Ion Ratio Lower Upper

83 100

55 62.0 51.7 77.5

98 50.5 40.0 60.0



#40

Benzene

Concen: 48.366 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076268.D

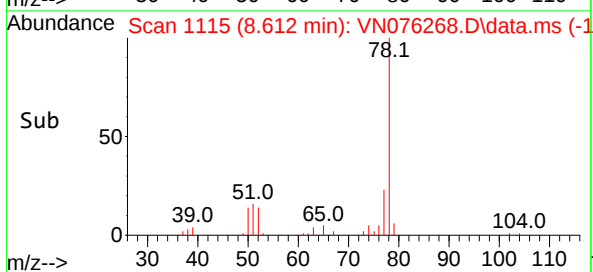
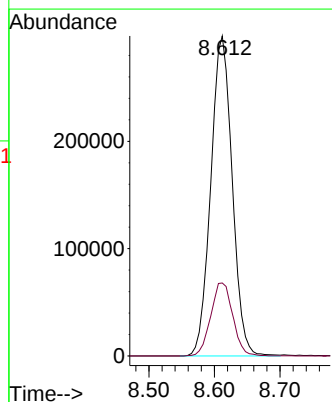
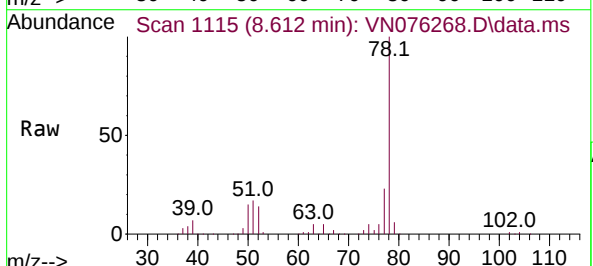
Acq: 16 Jan 2023 14:40

Tgt Ion: 78 Resp: 676159

Ion Ratio Lower Upper

78 100

77 22.8 18.6 28.0

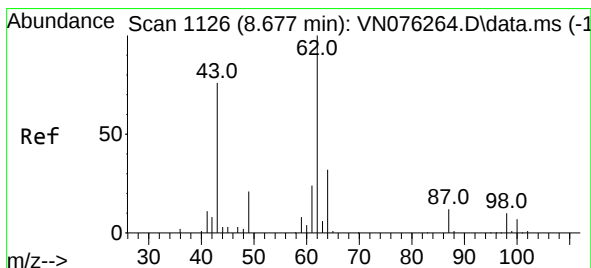
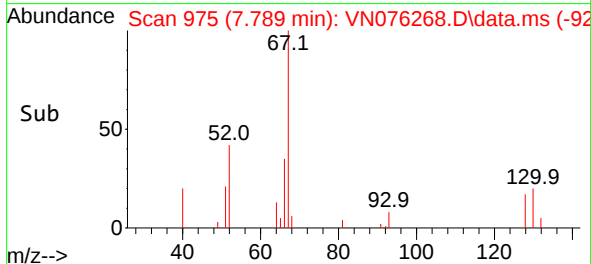
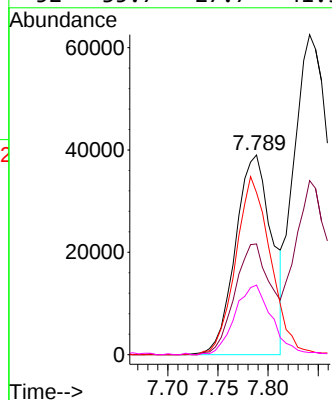
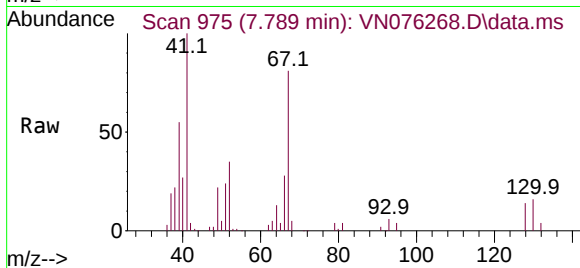




#41
Methacrylonitrile
Concen: 50.020 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

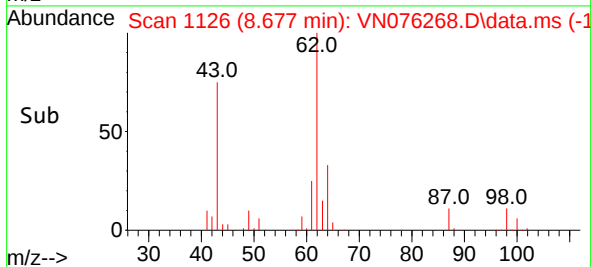
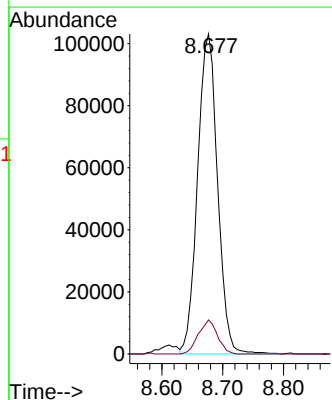
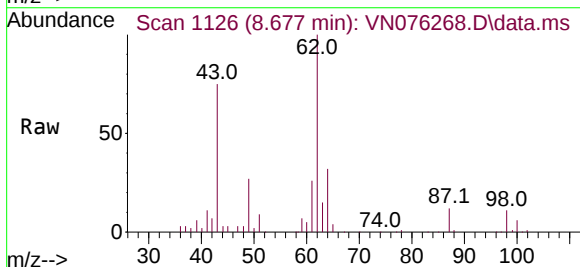
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

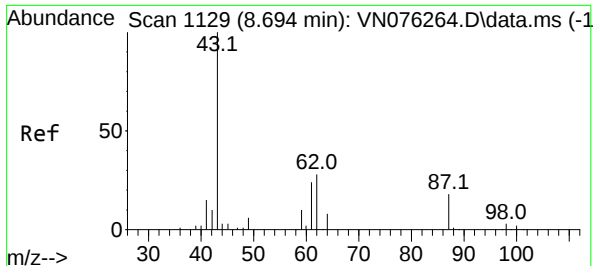
Tgt Ion:	41	Resp:	98214
Ion	Ratio	Lower	Upper
41	100		
39	56.0	42.4	63.6
67	86.5	68.8	103.2
52	35.7	27.7	41.5



#42
1,2-Dichloroethane
Concen: 49.167 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion:	62	Resp:	235177
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4

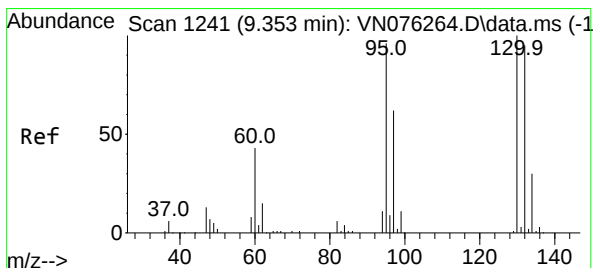
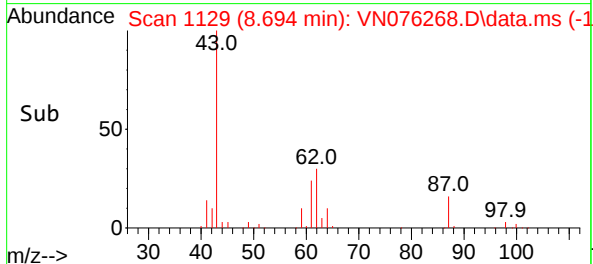
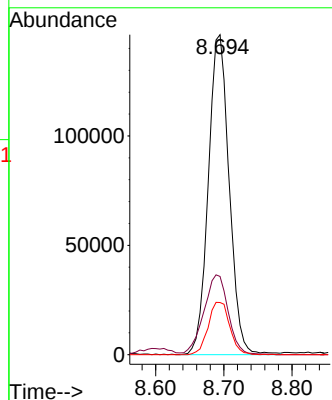
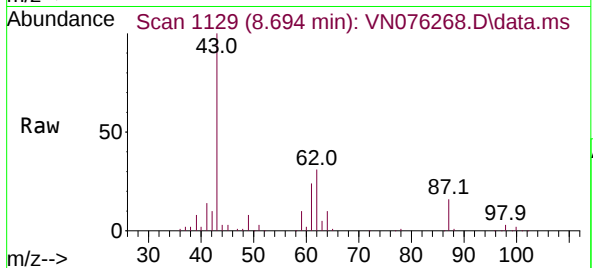




#43
Isopropyl Acetate
Concen: 51.110 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

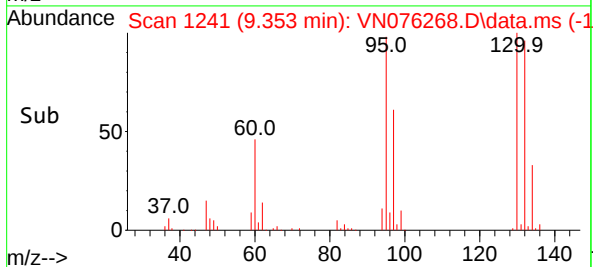
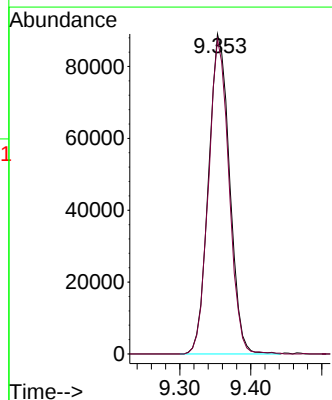
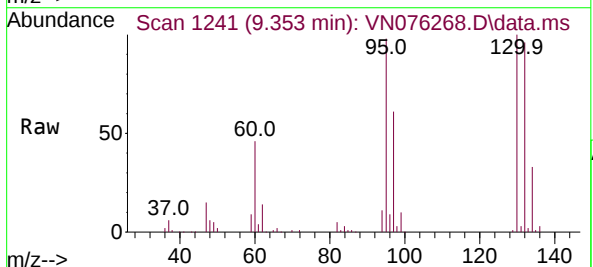
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

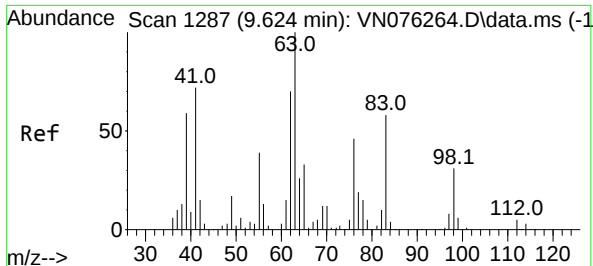
Tgt Ion: 43 Resp: 311804
Ion Ratio Lower Upper
43 100
61 29.2 23.5 35.3
87 16.9 13.8 20.6



#44
Trichloroethene
Concen: 46.351 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion:130 Resp: 183273
Ion Ratio Lower Upper
130 100
95 98.3 0.0 192.0





#45

1,2-Dichloropropane

Concen: 48.170 ug/l

RT: 9.624 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

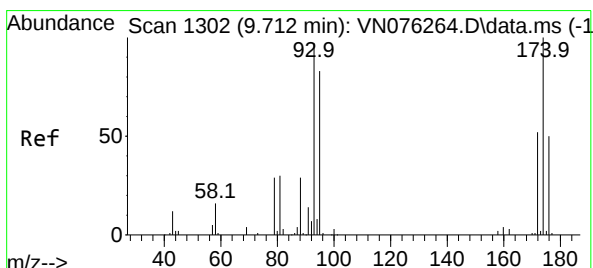
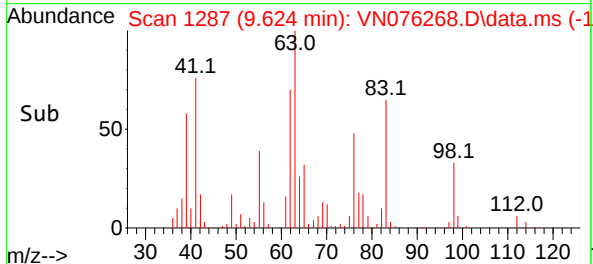
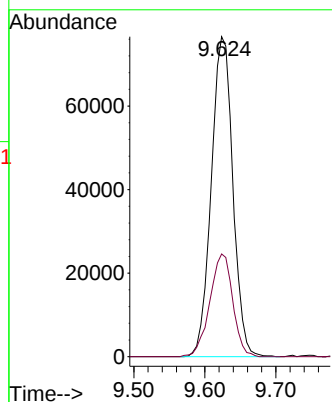
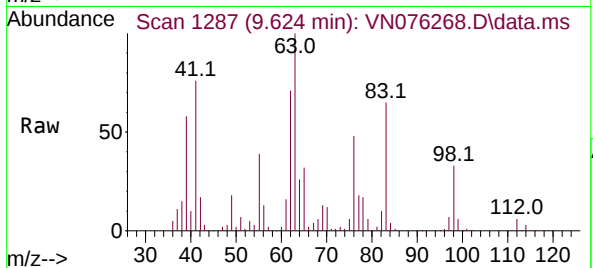
ICVFN011623

Tgt Ion: 63 Resp: 161230

Ion Ratio Lower Upper

63 100

65 32.1 26.4 39.6



#46

Dibromomethane

Concen: 49.580 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

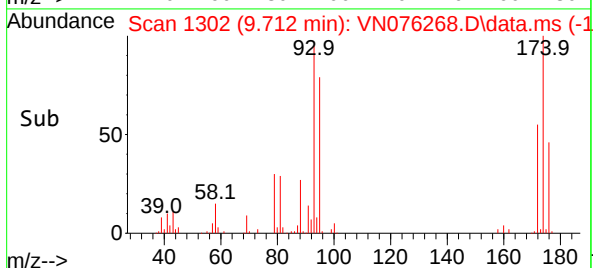
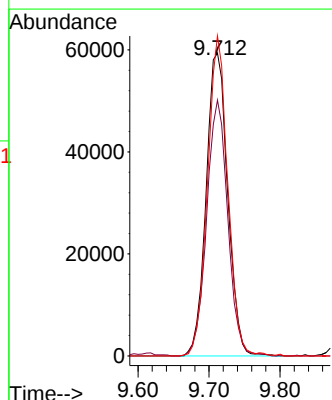
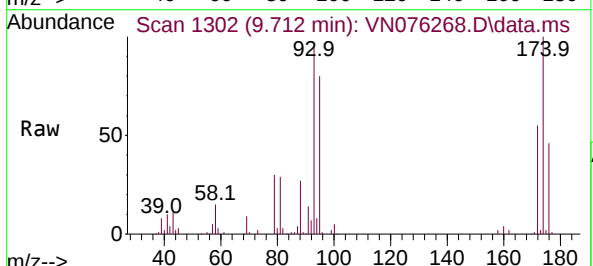
Tgt Ion: 93 Resp: 125294

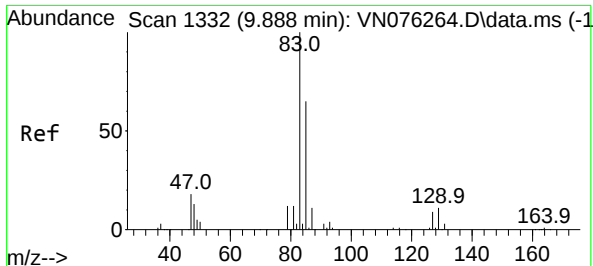
Ion Ratio Lower Upper

93 100

95 82.8 66.0 99.0

174 99.4 81.3 121.9





#47

Bromodichloromethane

Concen: 49.907 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

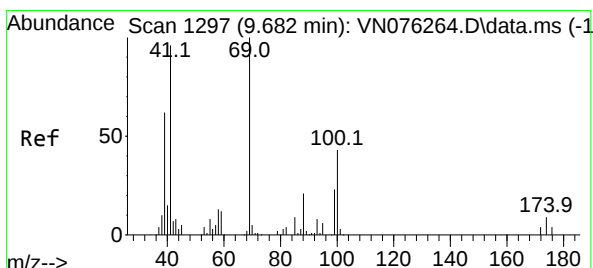
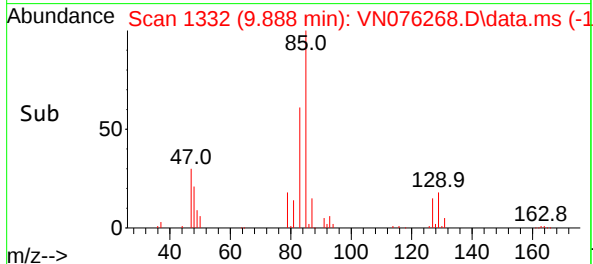
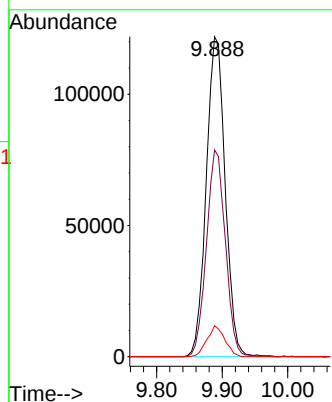
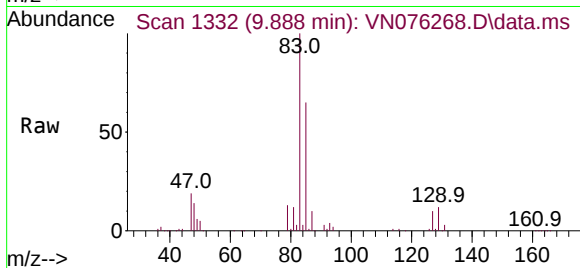
Tgt Ion: 83 Resp: 244611

Ion Ratio Lower Upper

83 100

85 64.6 52.1 78.1

127 9.7 7.4 11.0



#48

Methyl methacrylate

Concen: 49.893 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

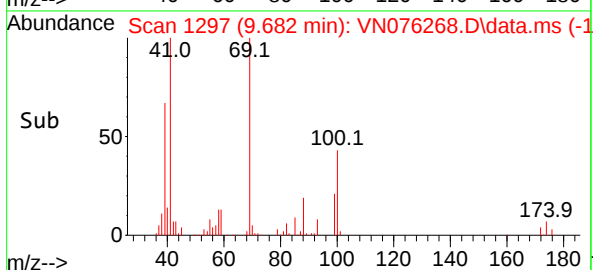
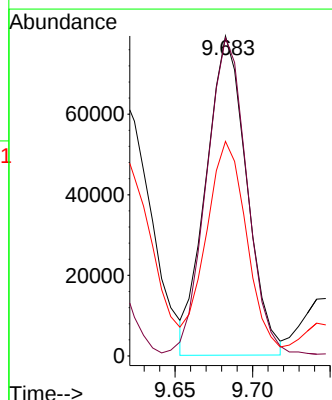
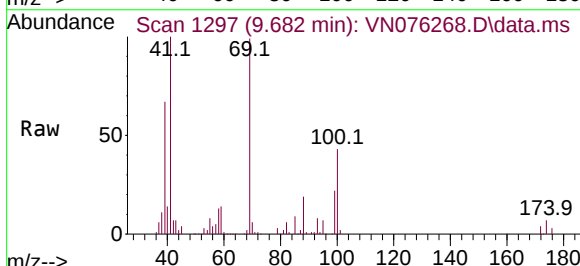
Tgt Ion: 41 Resp: 144096

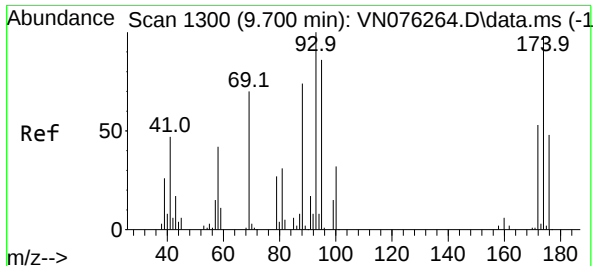
Ion Ratio Lower Upper

41 100

69 100.5 80.8 121.2

39 67.9 54.4 81.6





#49

1,4-Dioxane

Concen: 1034.263 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

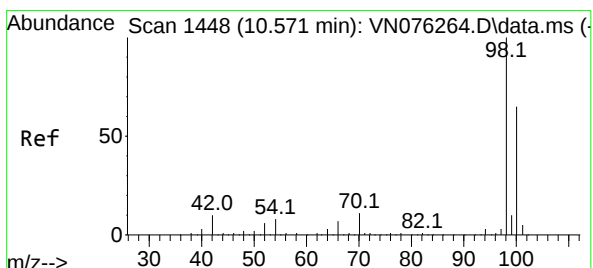
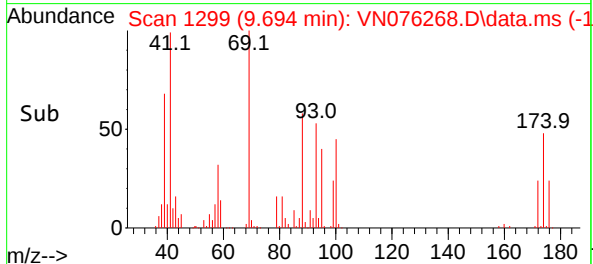
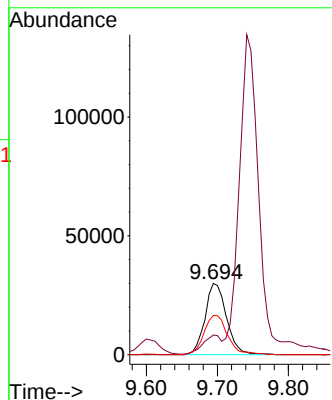
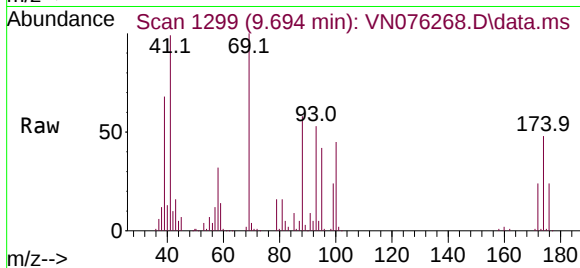
Tgt Ion: 88 Resp: 63029

Ion Ratio Lower Upper

88 100

43 23.7 18.1 27.1

58 60.5 46.5 69.7



#50

Toluene-d8

Concen: 51.808 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076268.D

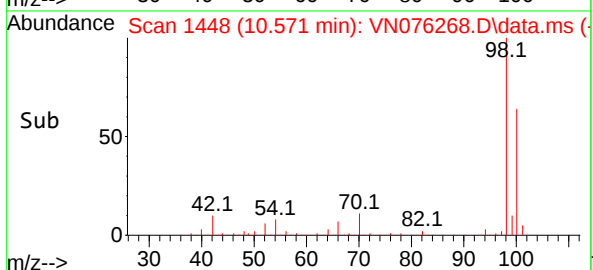
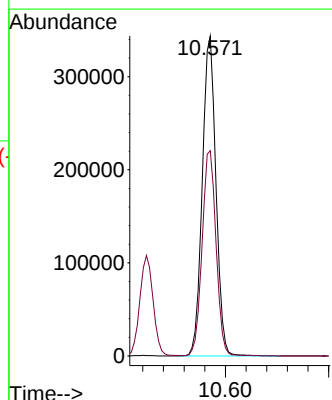
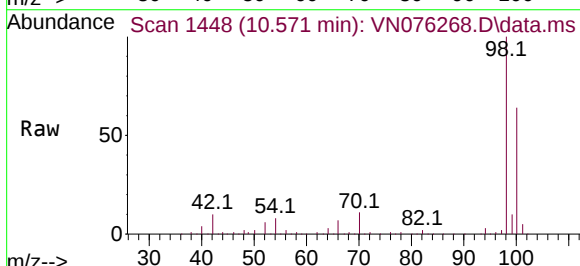
Acq: 16 Jan 2023 14:40

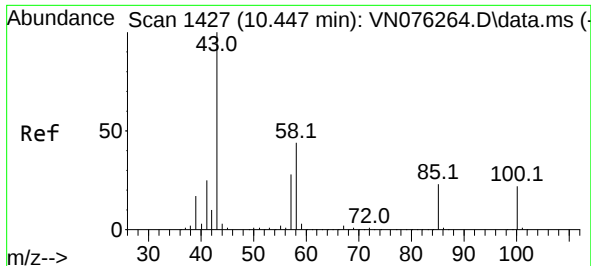
Tgt Ion: 98 Resp: 629527

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4

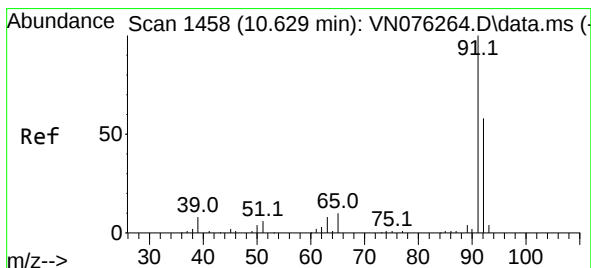
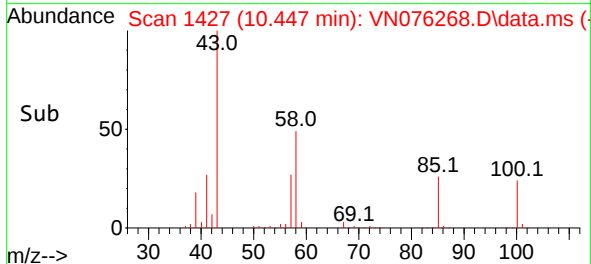
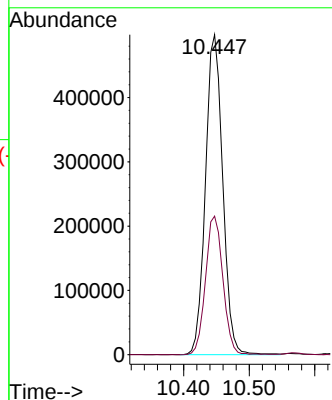
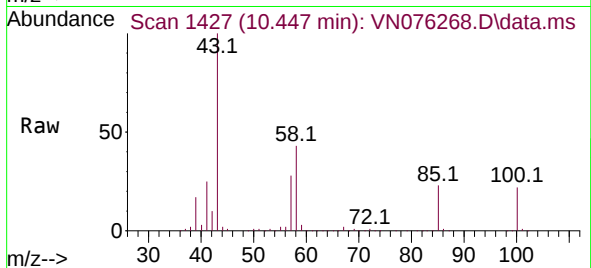




#51
4-Methyl-2-Pentanone
Concen: 254.790 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

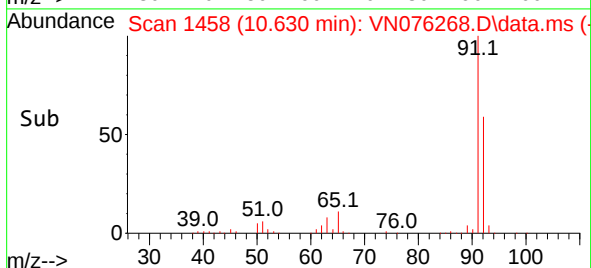
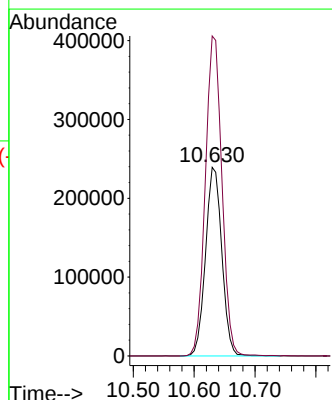
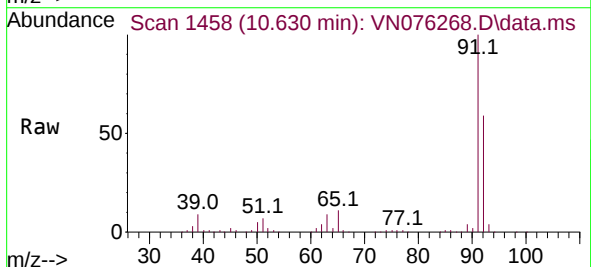
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

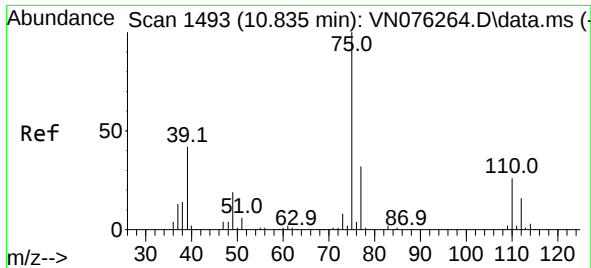
Tgt Ion: 43 Resp: 912472
Ion Ratio Lower Upper
43 100
58 43.7 35.1 52.7



#52
Toluene
Concen: 47.618 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.001 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 92 Resp: 445177
Ion Ratio Lower Upper
92 100
91 172.9 136.6 205.0

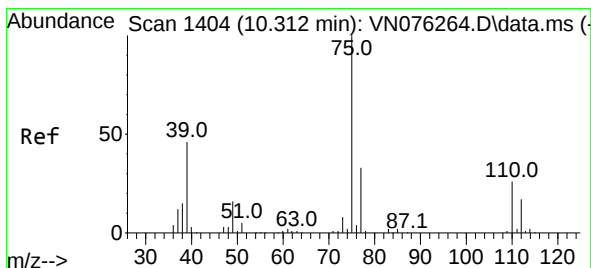
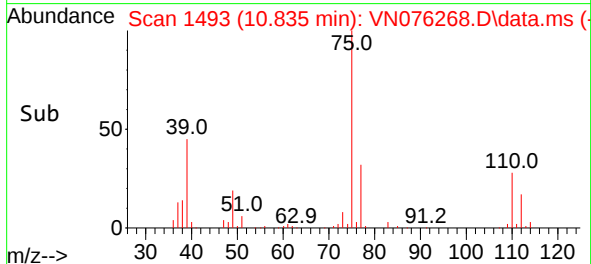
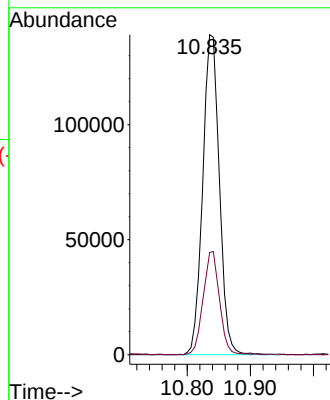
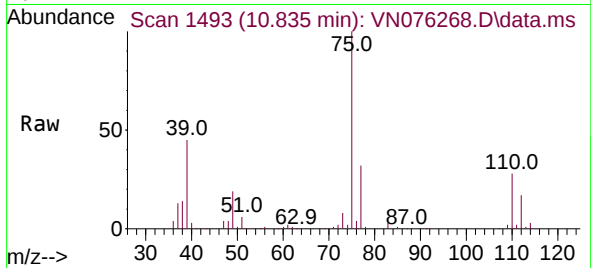




#53
t-1,3-Dichloropropene
Concen: 54.658 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

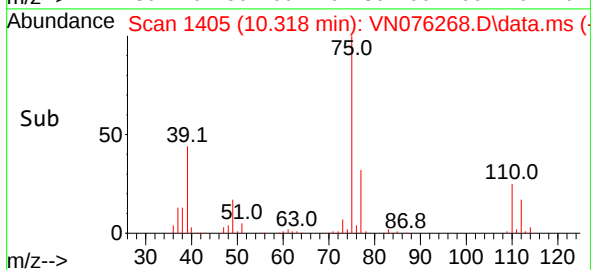
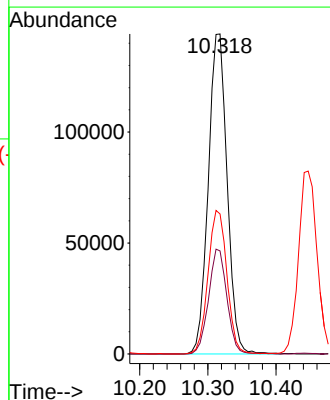
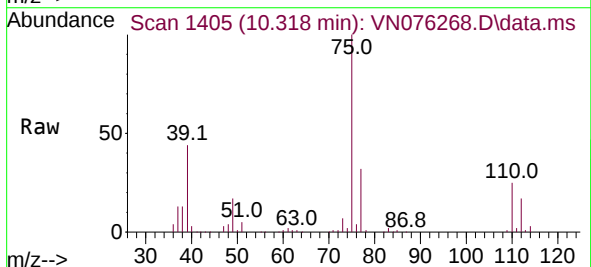
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

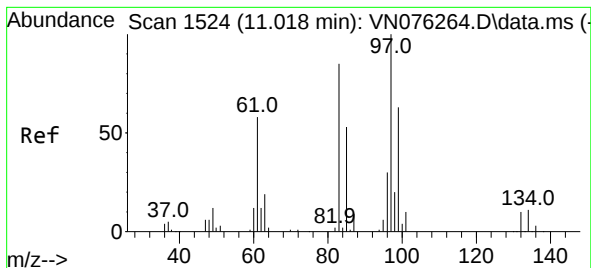
Tgt Ion: 75 Resp: 255385
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 51.592 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 75 Resp: 277331
Ion Ratio Lower Upper
75 100
77 32.2 26.5 39.7
39 43.8 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 49.995 ug/l

RT: 11.018 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

Tgt Ion: 97 Resp: 178657

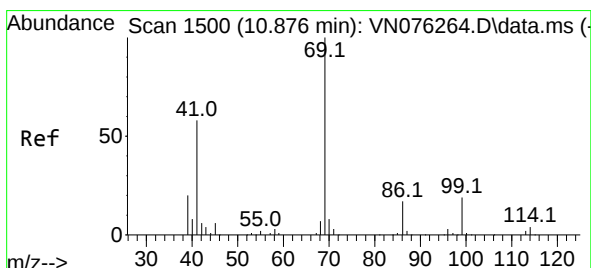
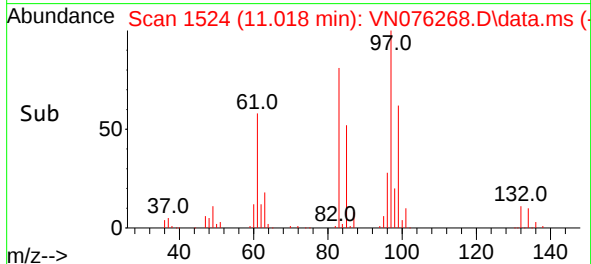
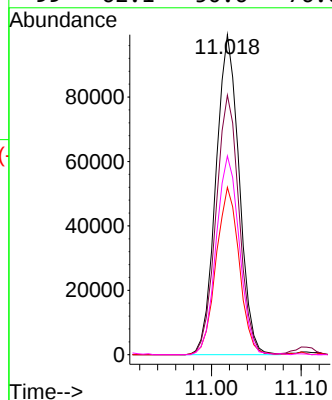
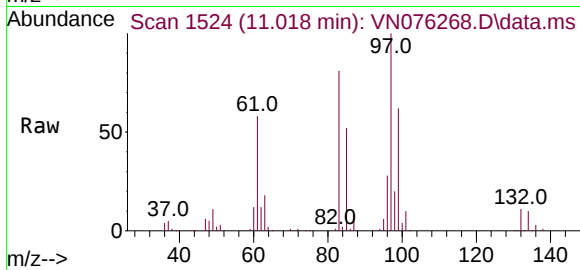
Ion Ratio Lower Upper

97 100

83 81.1 67.8 101.6

85 52.3 42.3 63.5

99 62.1 50.6 76.0



#56

Ethyl methacrylate

Concen: 54.510 ug/l

RT: 10.877 min Scan# 1500

Delta R.T. 0.001 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

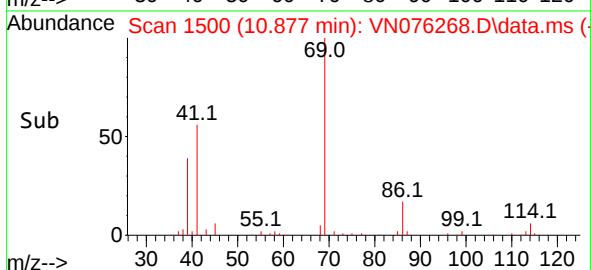
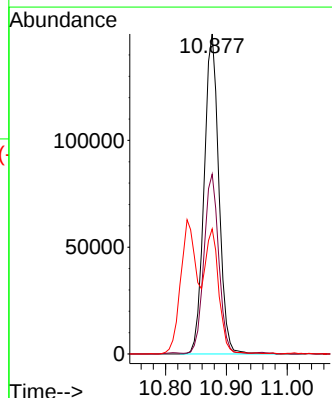
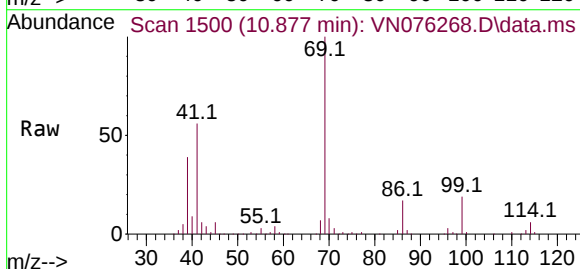
Tgt Ion: 69 Resp: 251482

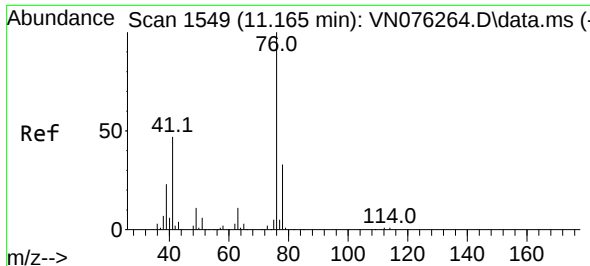
Ion Ratio Lower Upper

69 100

41 56.0 45.3 67.9

39 35.5 29.3 43.9





#57

1,3-Dichloropropane

Concen: 49.820 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

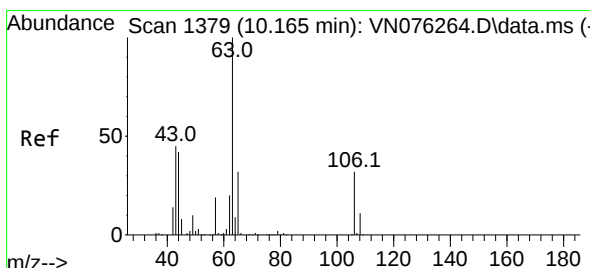
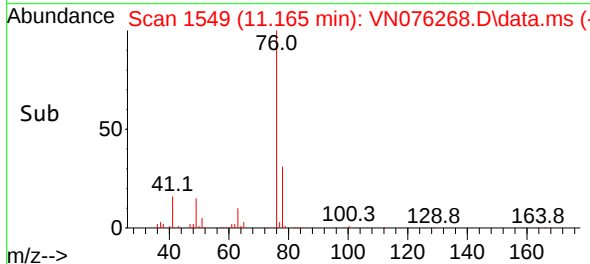
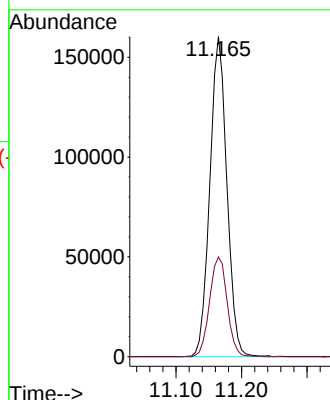
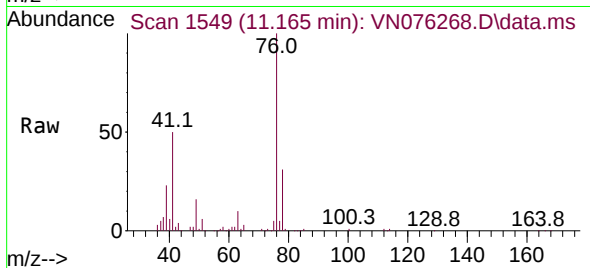
ICVVN011623

Tgt Ion: 76 Resp: 289318

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 260.404 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076268.D

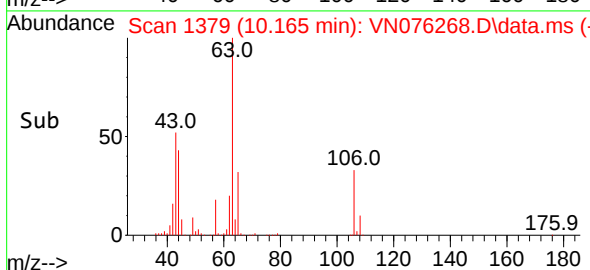
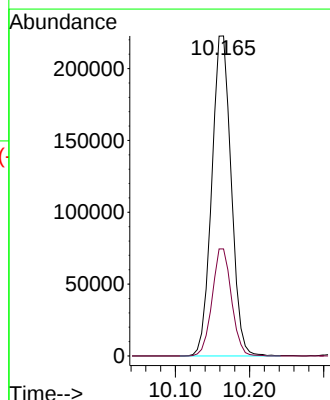
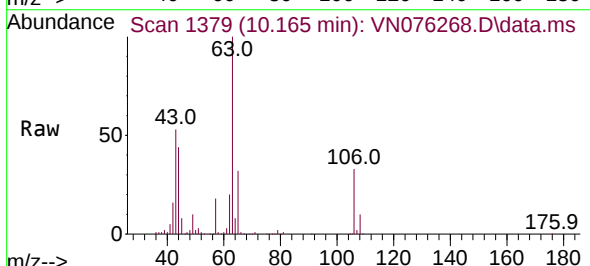
Acq: 16 Jan 2023 14:40

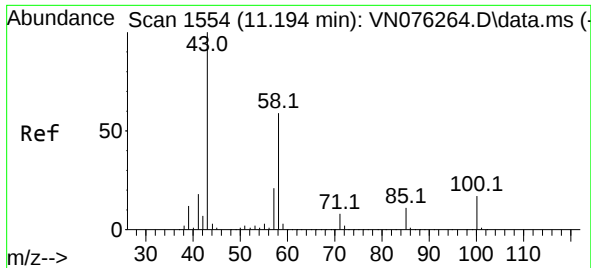
Tgt Ion: 63 Resp: 405571

Ion Ratio Lower Upper

63 100

106 33.3 26.2 39.2

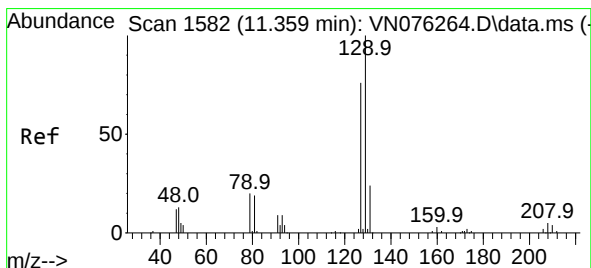
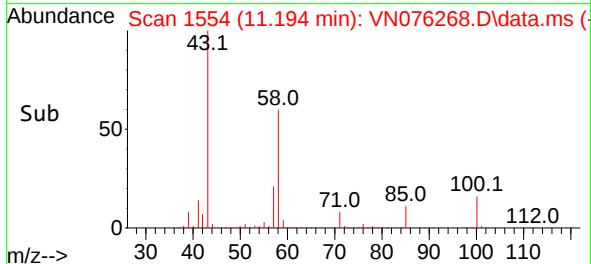
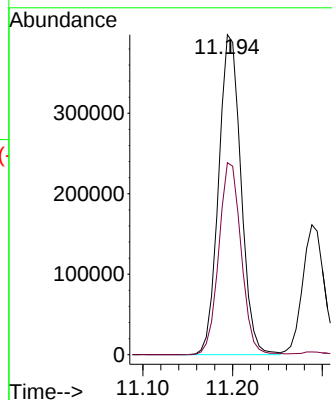
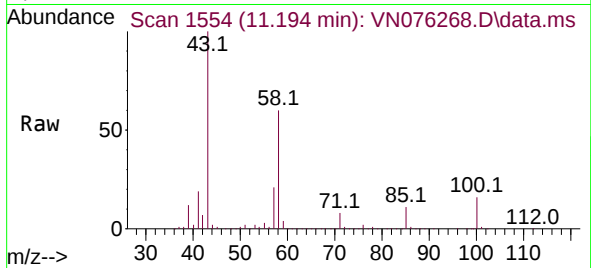




#59
2-Hexanone
Concen: 265.290 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

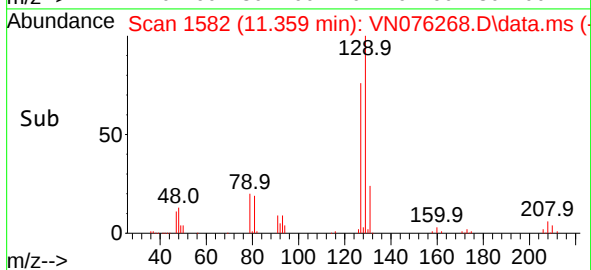
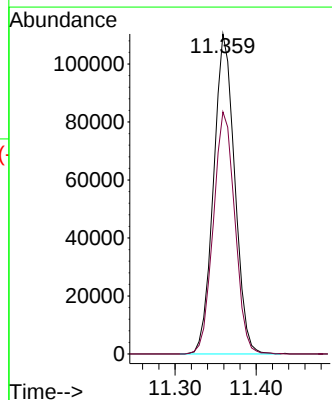
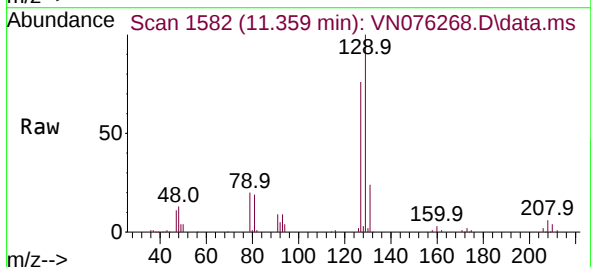
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

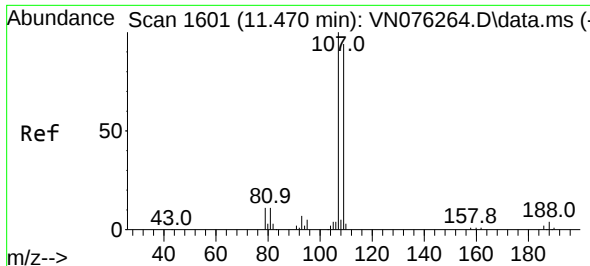
Tgt Ion: 43 Resp: 688480
Ion Ratio Lower Upper
43 100
58 59.9 30.1 90.3



#60
Dibromochloromethane
Concen: 53.148 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion:129 Resp: 199929
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

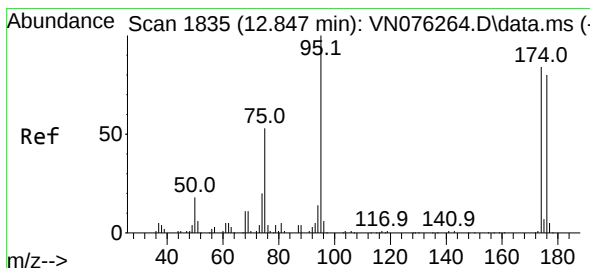
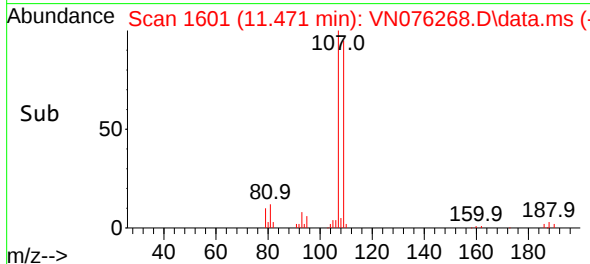
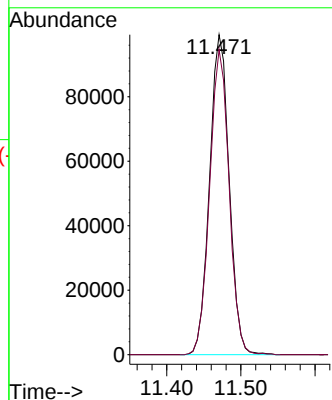
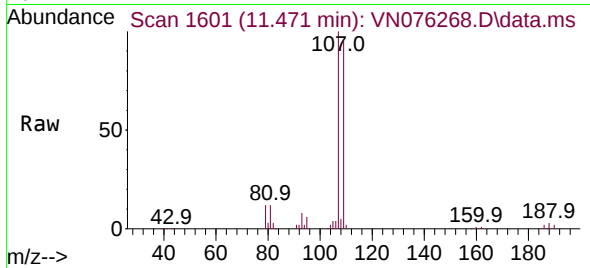




#61
1,2-Dibromoethane
Concen: 51.168 ug/l
RT: 11.471 min Scan# 1107
Delta R.T. 0.001 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

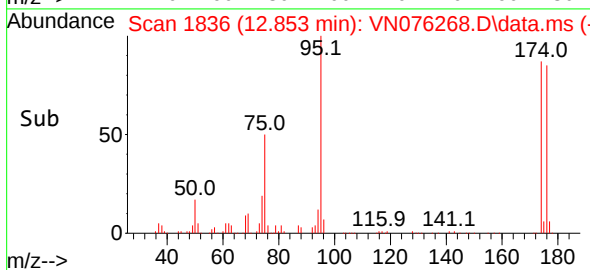
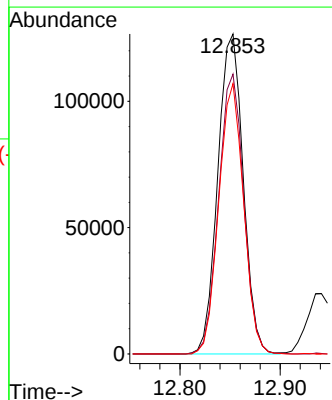
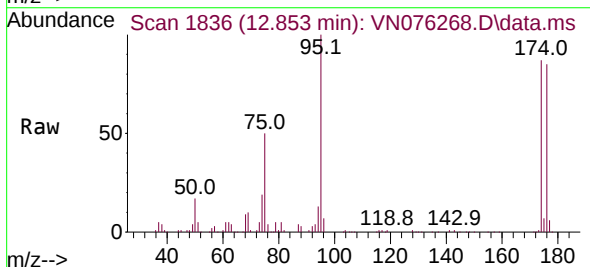
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

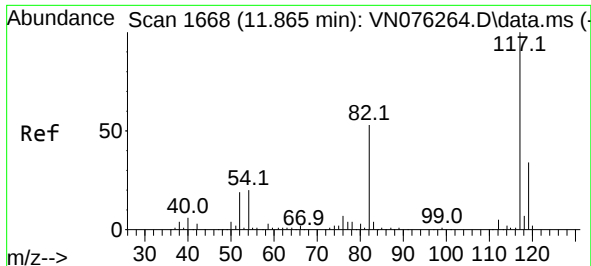
Tgt Ion:107 Resp: 182514
Ion Ratio Lower Upper
107 100
109 94.7 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 56.086 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 95 Resp: 222484
Ion Ratio Lower Upper
95 100
174 86.3 0.0 174.6
176 82.3 0.0 167.8

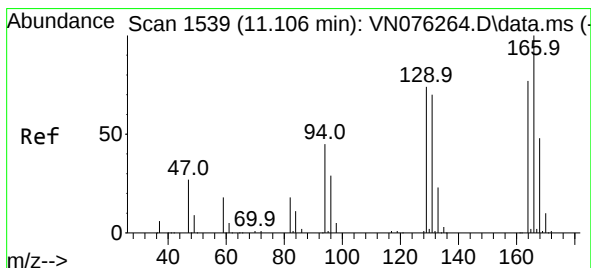
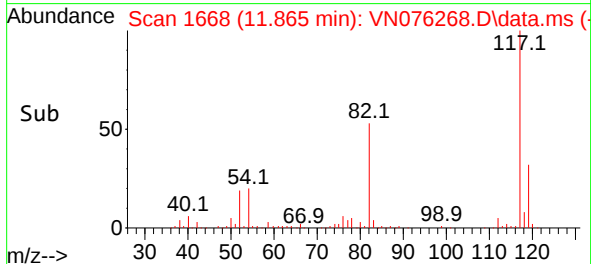
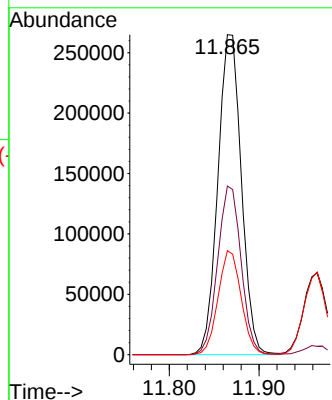
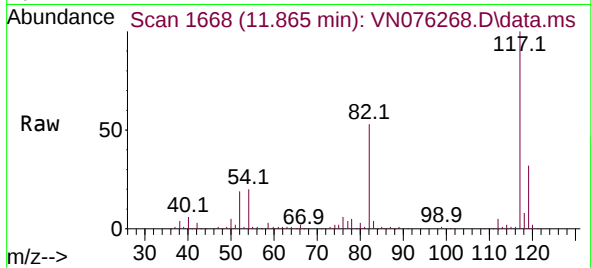




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

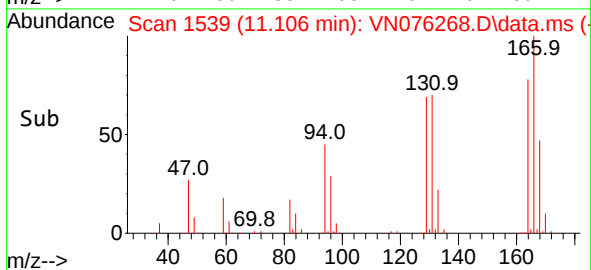
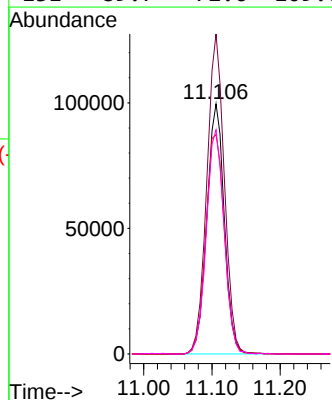
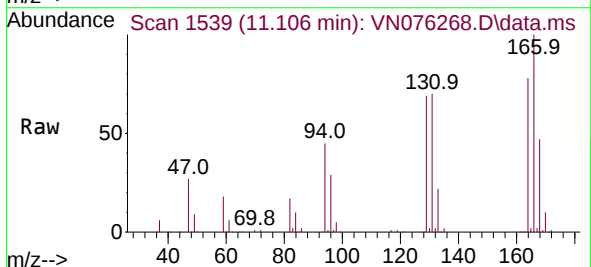
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

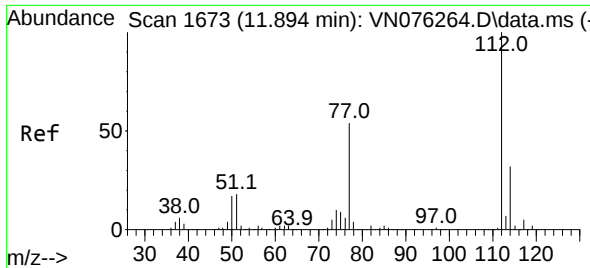
Tgt Ion:117 Resp: 482232
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 32.5 26.9 40.3



#64
Tetrachloroethene
Concen: 40.888 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion:164 Resp: 177815
Ion Ratio Lower Upper
164 100
166 128.0 104.0 156.0
129 87.8 76.6 114.8
131 89.7 72.6 109.0

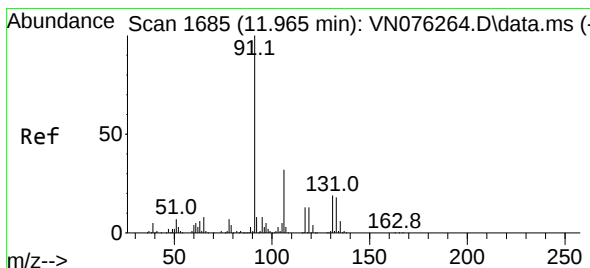
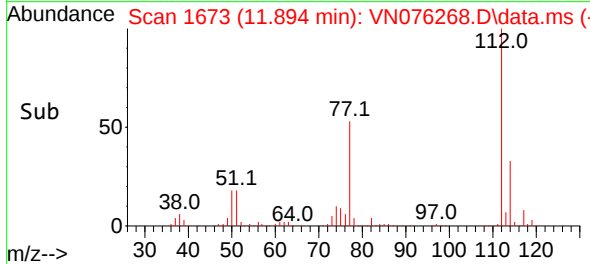
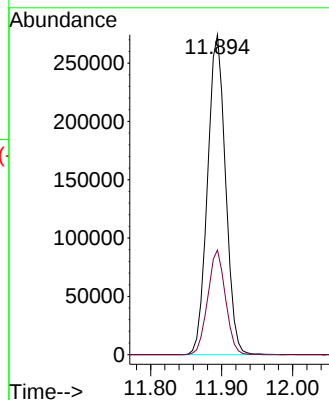
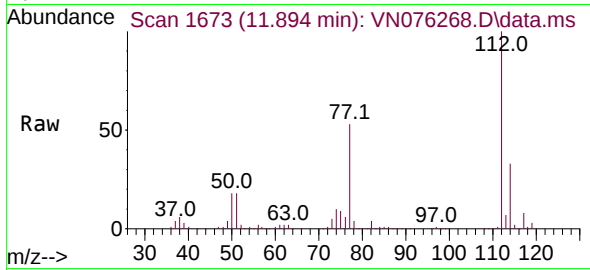




#65
Chlorobenzene
Concen: 47.364 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

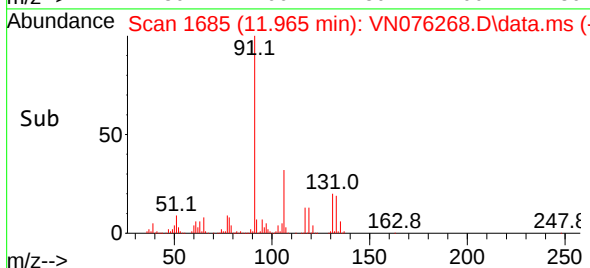
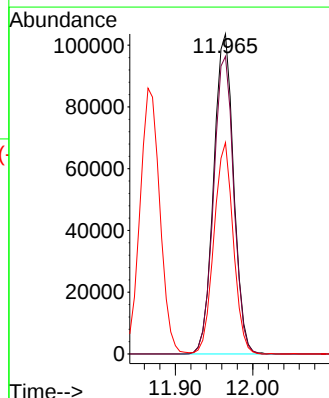
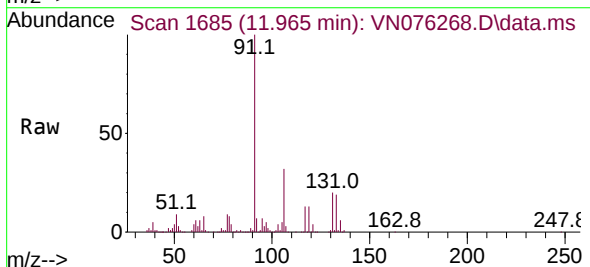
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

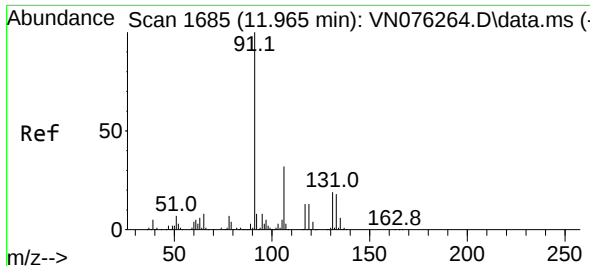
Tgt Ion:112 Resp: 482822
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.855 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion:131 Resp: 185295
Ion Ratio Lower Upper
131 100
133 94.0 47.4 142.2
119 64.1 32.3 96.8

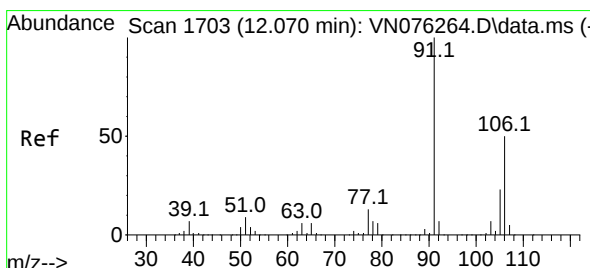
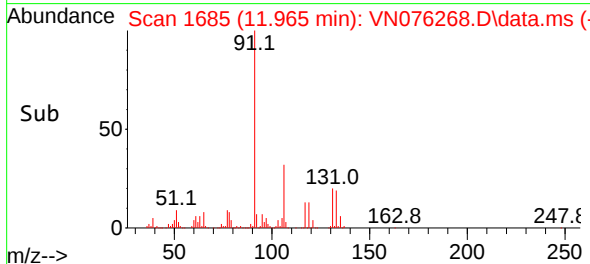
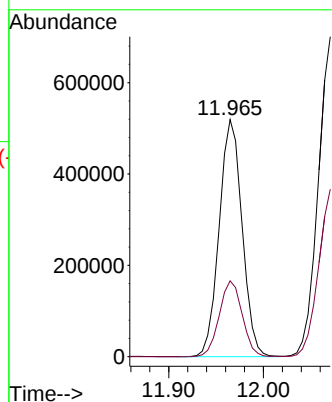
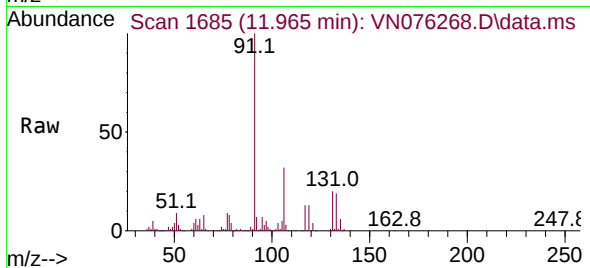




#67
Ethyl Benzene
Concen: 50.061 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

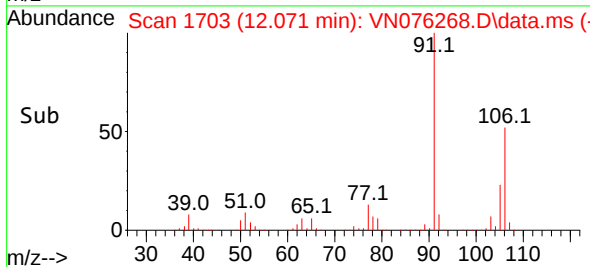
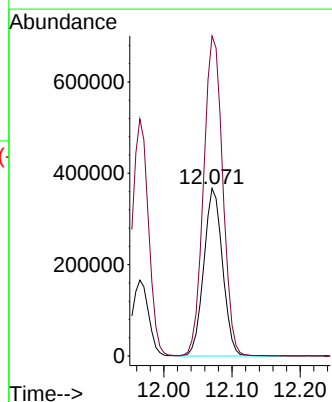
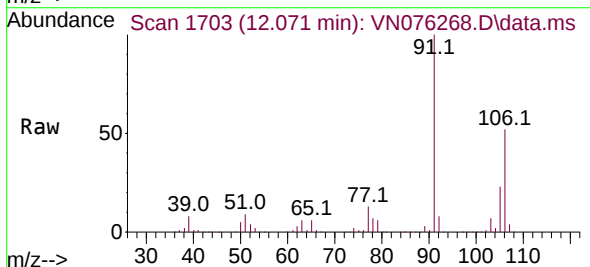
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

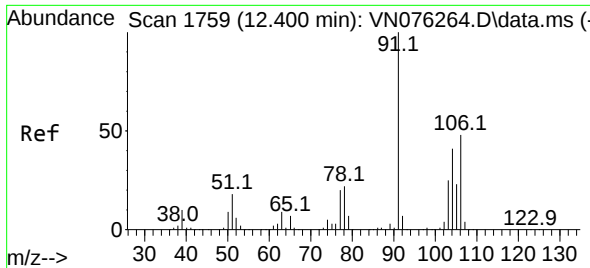
Tgt Ion: 91 Resp: 873391
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 100.087 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion:106 Resp: 700187
Ion Ratio Lower Upper
106 100
91 194.7 157.5 236.3

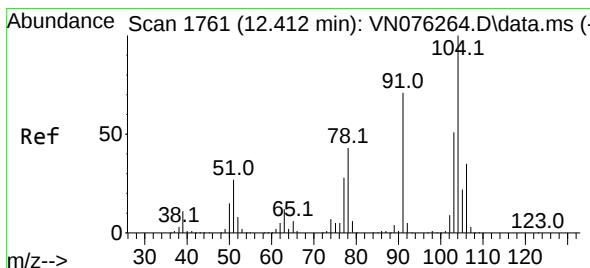
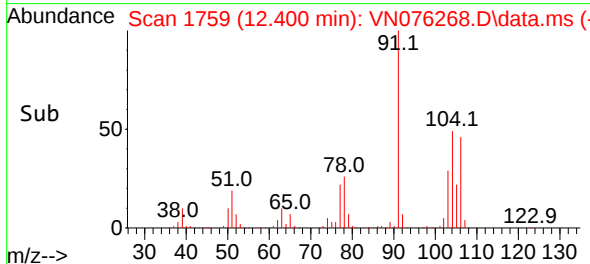
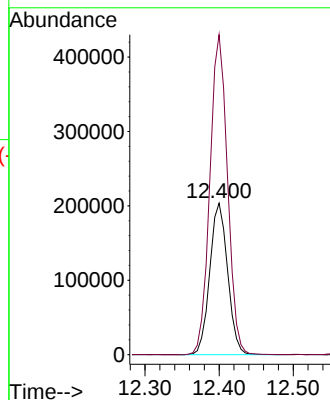
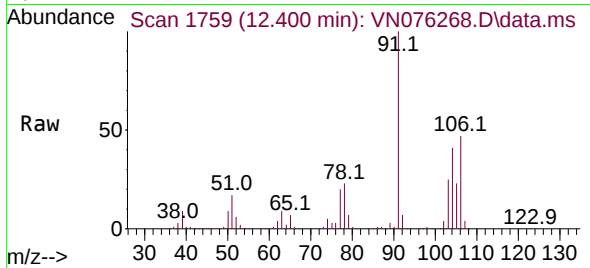




#69
o-Xylene
Concen: 49.621 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

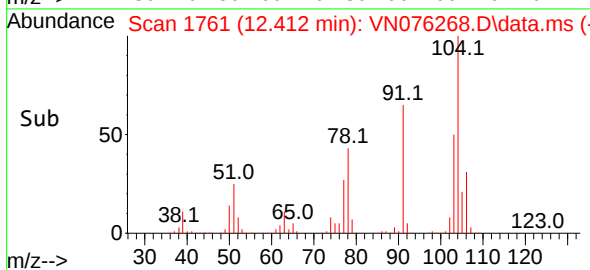
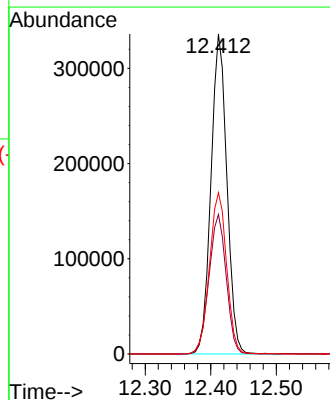
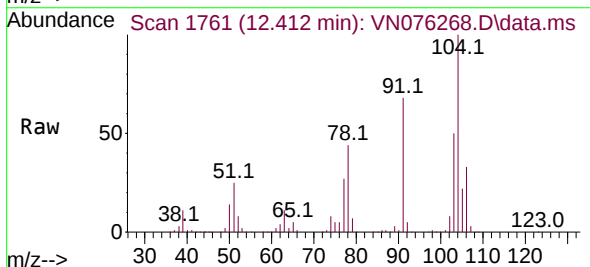
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

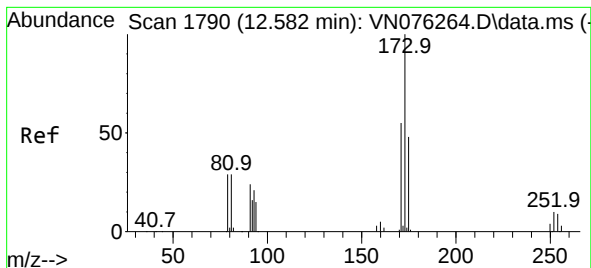
Tgt Ion:106 Resp: 340902
Ion Ratio Lower Upper
106 100
91 208.9 103.2 309.4



#70
Styrene
Concen: 51.624 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion:104 Resp: 566288
Ion Ratio Lower Upper
104 100
78 47.2 37.4 56.0
103 54.4 44.2 66.2





#71

Bromoform

Concen: 53.125 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

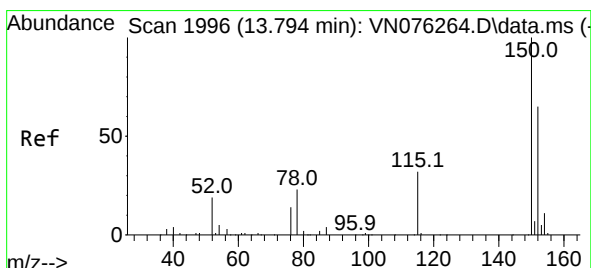
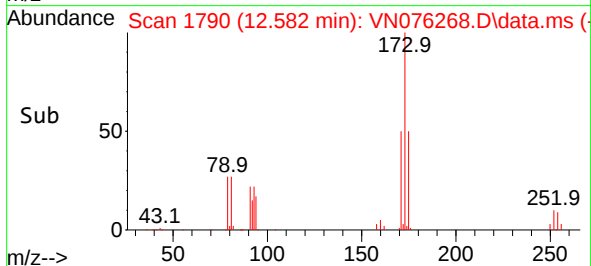
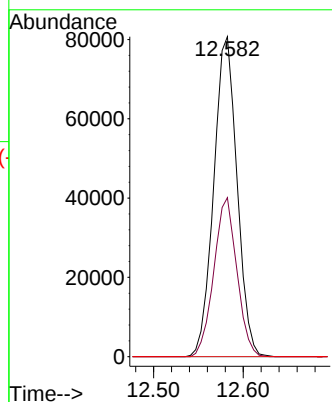
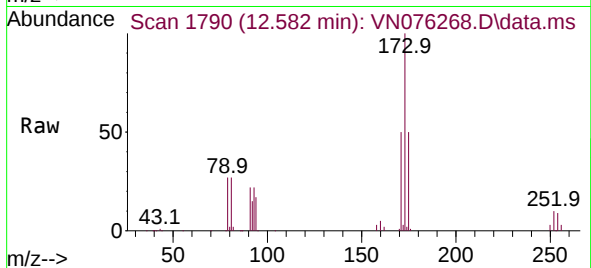
Tgt Ion:173 Resp: 145509

Ion Ratio Lower Upper

173 100

175 49.1 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: VN076268.D

Acq: 16 Jan 2023 14:40

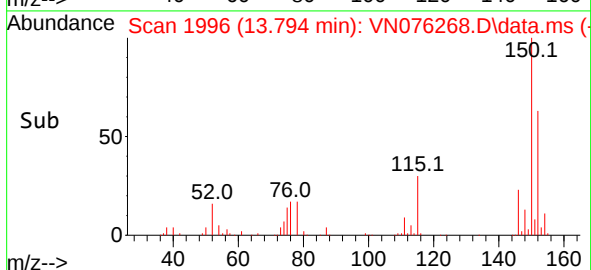
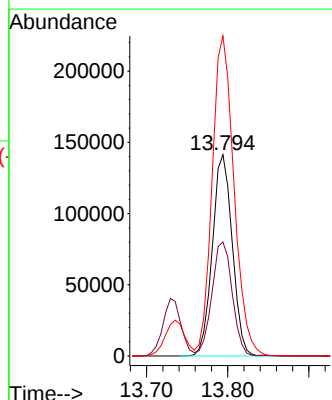
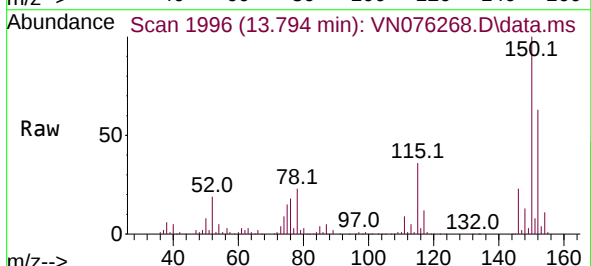
Tgt Ion:152 Resp: 240545

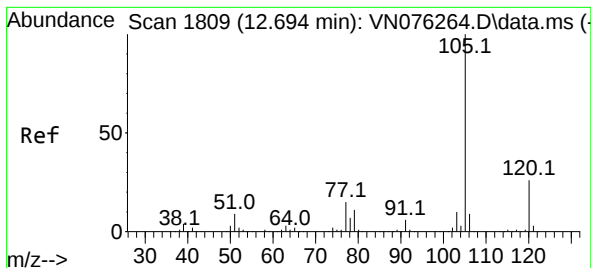
Ion Ratio Lower Upper

152 100

115 57.4 29.6 88.9

150 174.5 0.0 351.4





#73

Isopropylbenzene

Concen: 47.936 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

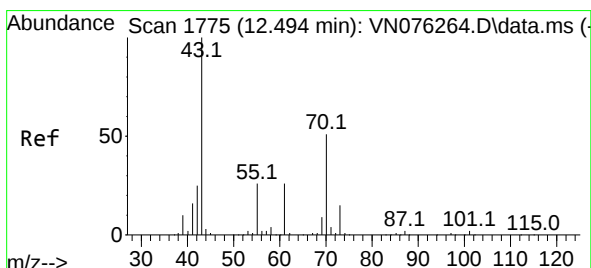
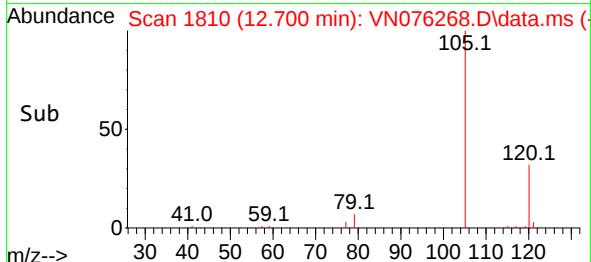
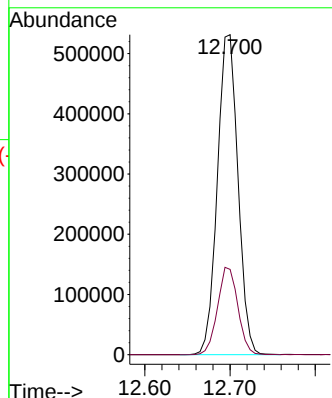
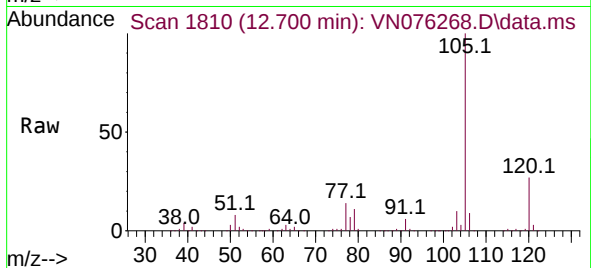
ICVVN011623

Tgt Ion:105 Resp: 892024

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 51.955 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Tgt Ion: 43 Resp: 278102

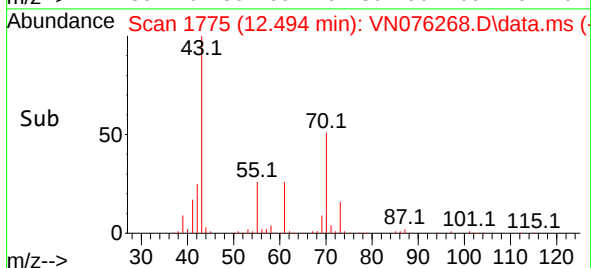
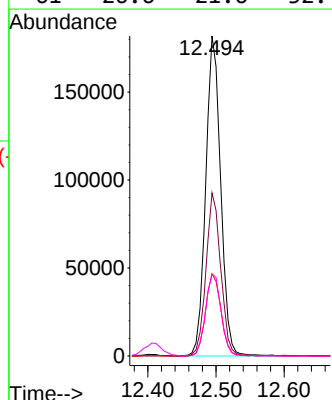
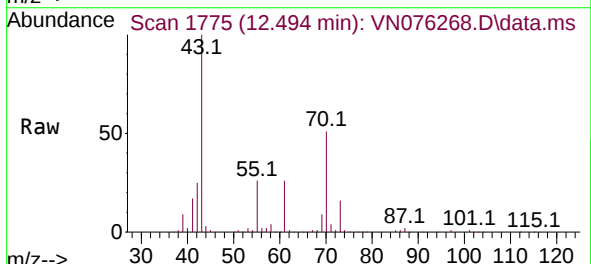
Ion Ratio Lower Upper

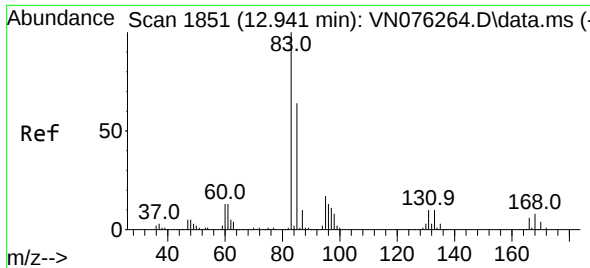
43 100

70 50.1 41.2 61.8

55 26.5 21.0 31.6

61 26.6 21.6 32.4

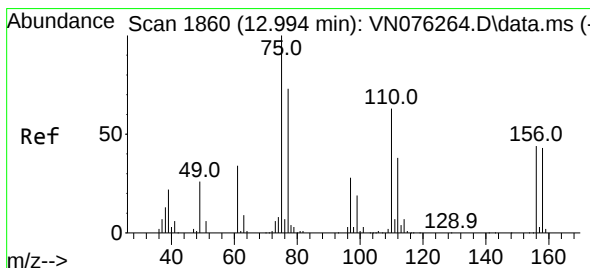
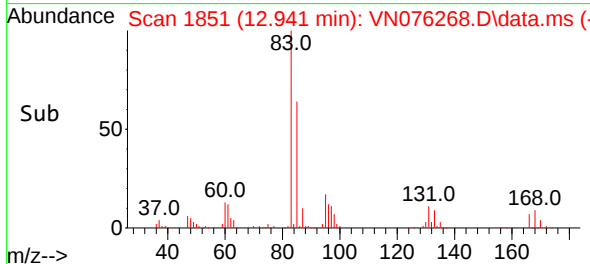
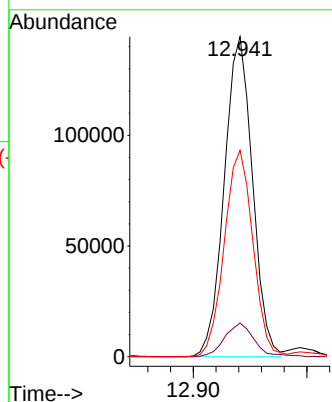
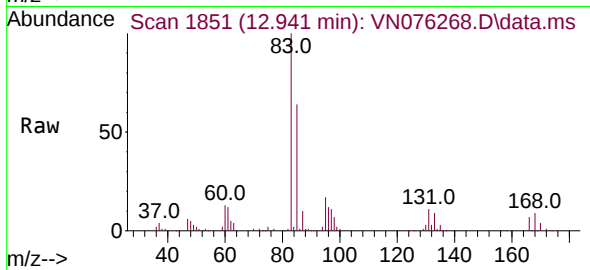




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.529 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN076268.D
 Acq: 16 Jan 2023 14:40

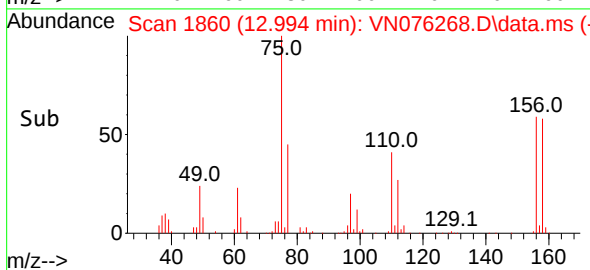
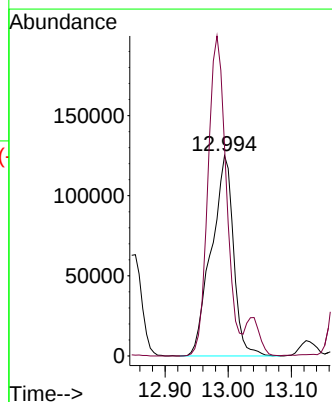
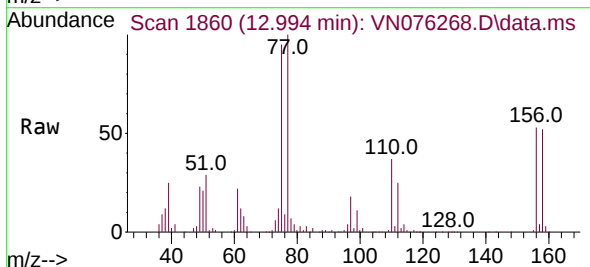
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011623

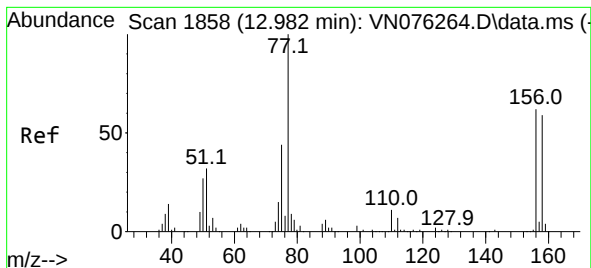
Tgt Ion: 83 Resp: 248908
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.5 16.4
 85 65.5 31.7 95.1



#76
 1,2,3-Trichloropropane
 Concen: 69.880 ug/l
 RT: 12.994 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VN076268.D
 Acq: 16 Jan 2023 14:40

Tgt Ion: 75 Resp: 304569
 Ion Ratio Lower Upper
 75 100
 77 132.3 75.2 225.6





#77

Bromobenzene

Concen: 48.685 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

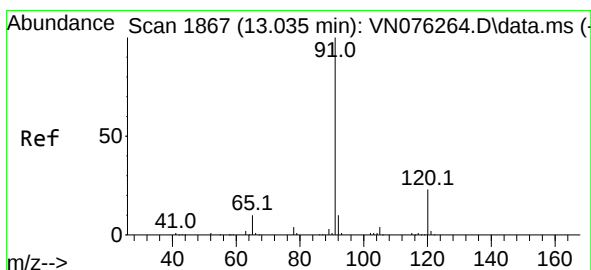
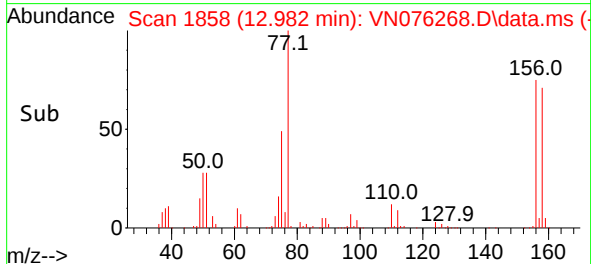
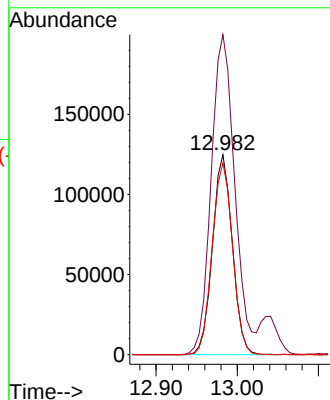
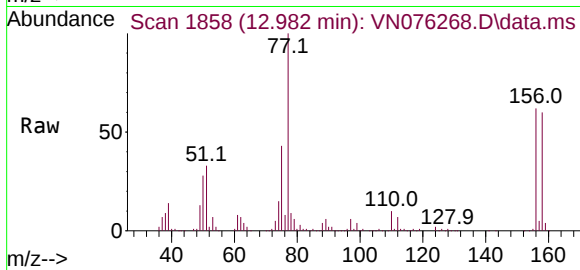
Tgt Ion:156 Resp: 211874

Ion Ratio Lower Upper

156 100

77 190.2 93.4 280.2

158 98.2 48.4 145.2



#78

n-propylbenzene

Concen: 49.084 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN076268.D

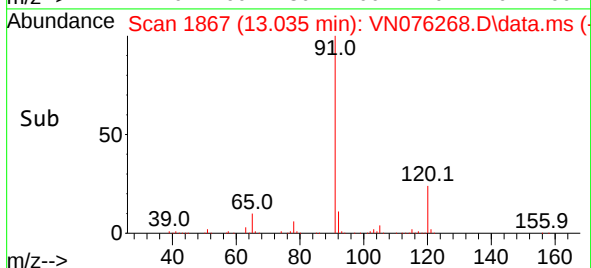
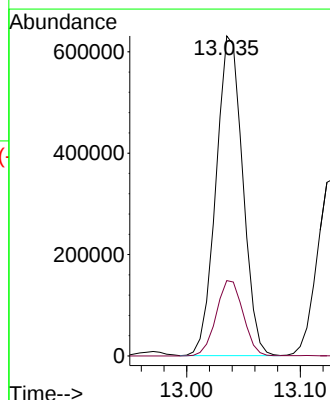
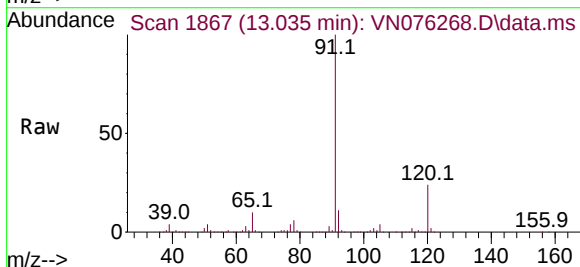
Acq: 16 Jan 2023 14:40

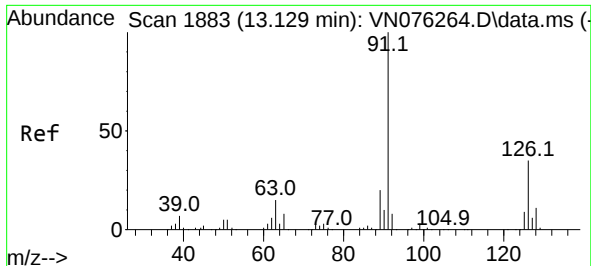
Tgt Ion: 91 Resp: 1030613

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.5





#79

2-Chlorotoluene

Concen: 46.855 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

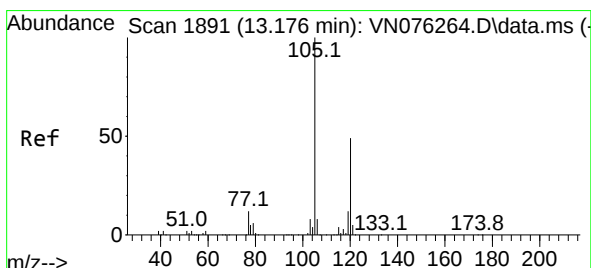
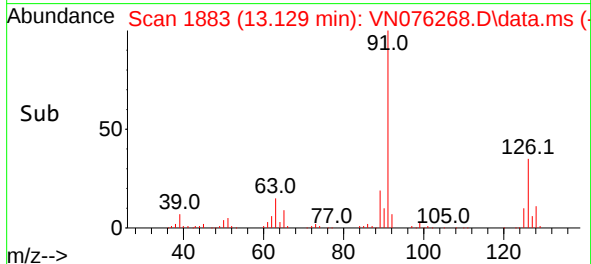
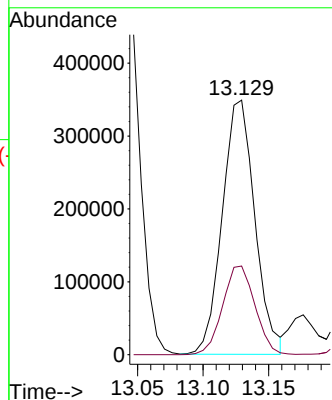
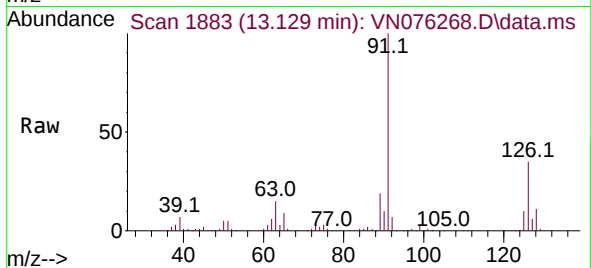
ICVVN011623

Tgt Ion: 91 Resp: 603698

Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 49.259 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076268.D

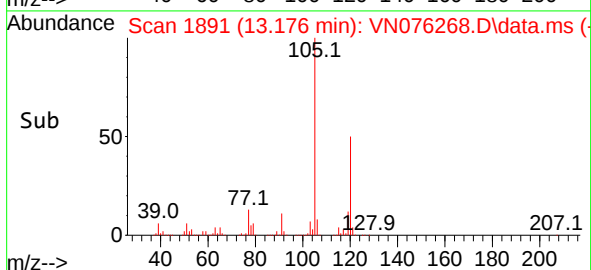
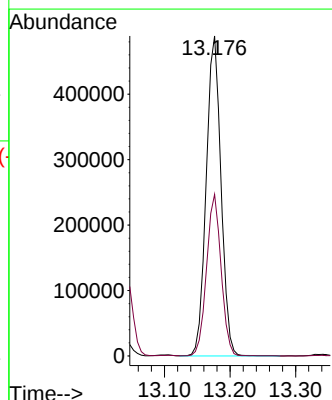
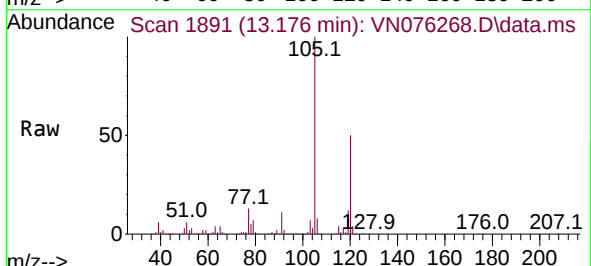
Acq: 16 Jan 2023 14:40

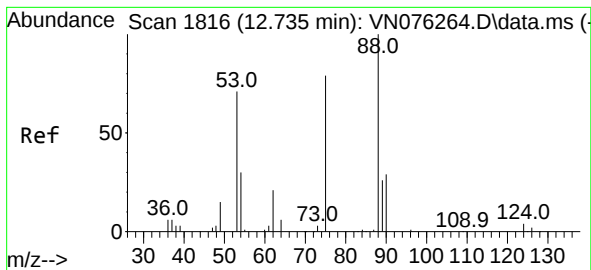
Tgt Ion: 105 Resp: 767925

Ion Ratio Lower Upper

105 100

120 49.7 25.0 75.0

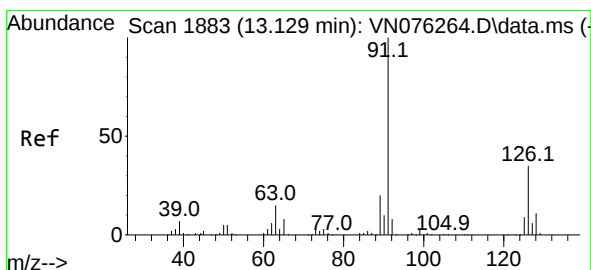
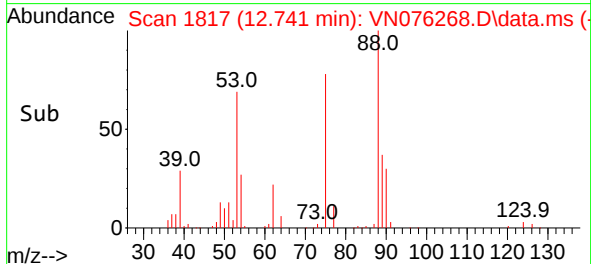
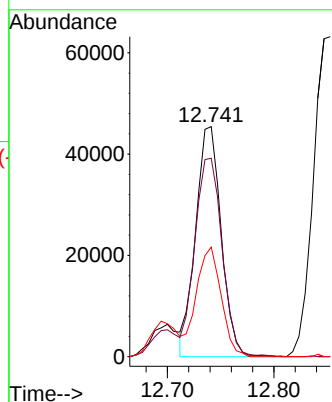
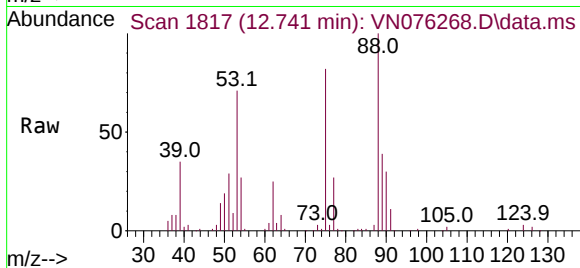




#81
trans-1,4-Dichloro-2-butene
Concen: 52.447 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

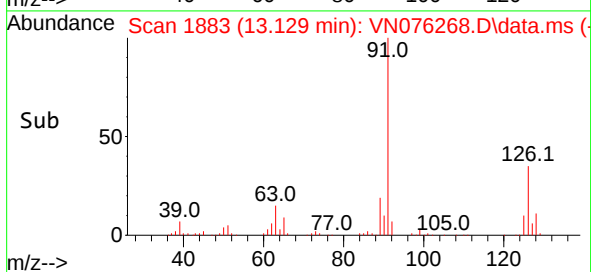
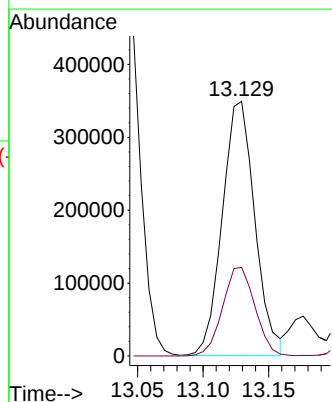
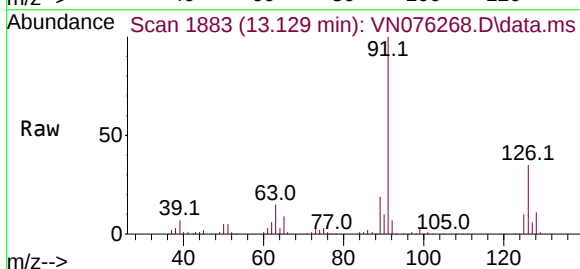
Instrument :
MSVOA_N
ClientSampleId :
ICVVN011623

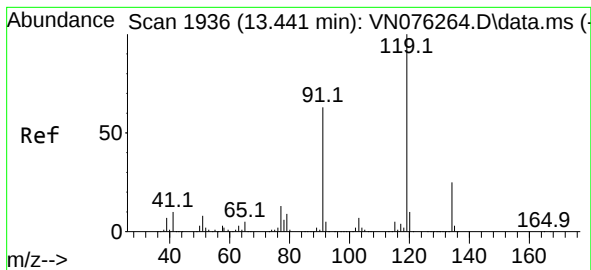
Tgt Ion: 75 Resp: 75825
Ion Ratio Lower Upper
75 100
53 92.2 75.8 113.8
89 46.9 37.0 55.6



#82
4-Chlorotoluene
Concen: 46.855 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076268.D
Acq: 16 Jan 2023 14:40

Tgt Ion: 91 Resp: 603698
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.2





#83

tert-Butylbenzene

Concen: 48.875 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

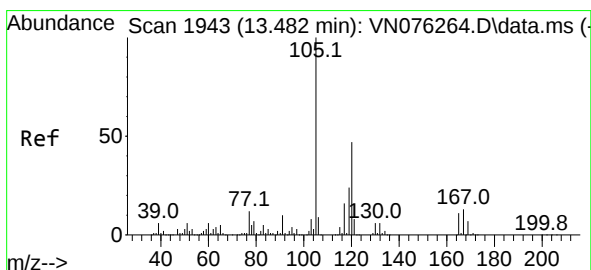
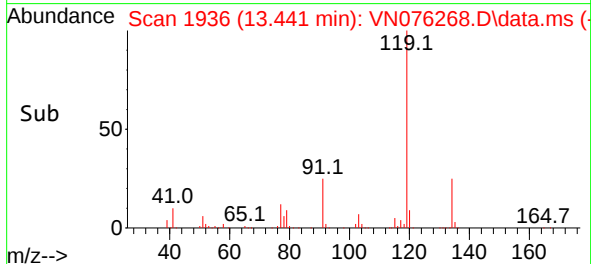
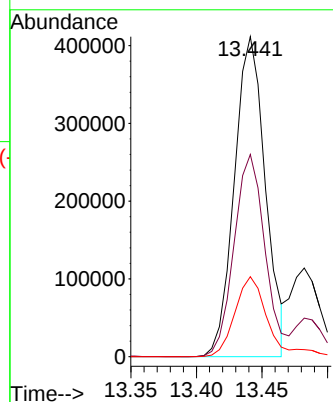
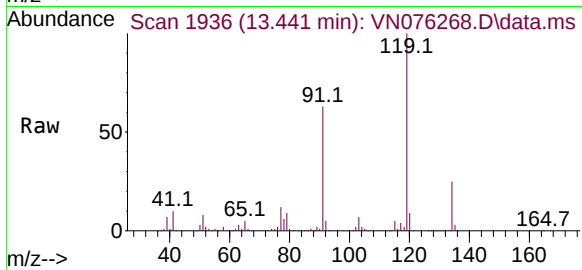
Tgt Ion:119 Resp: 677671

Ion Ratio Lower Upper

119 100

91 63.7 32.2 96.6

134 26.6 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 49.254 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076268.D

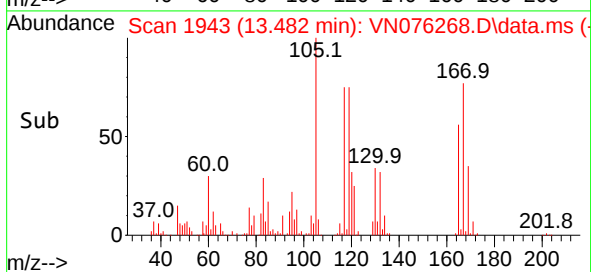
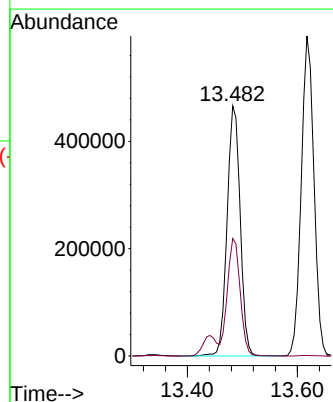
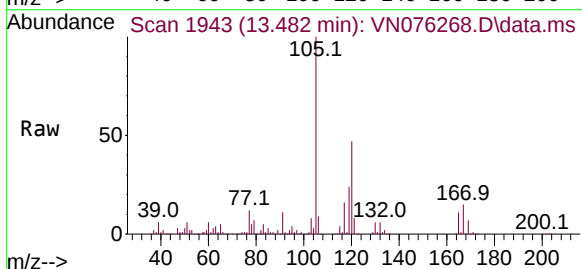
Acq: 16 Jan 2023 14:40

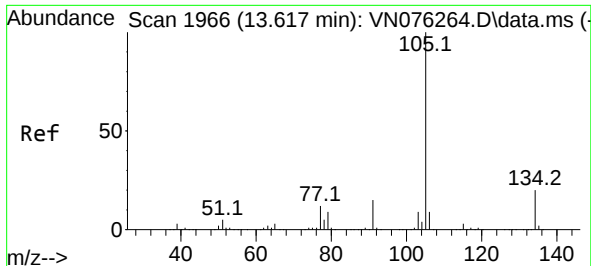
Tgt Ion:105 Resp: 769939

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.5

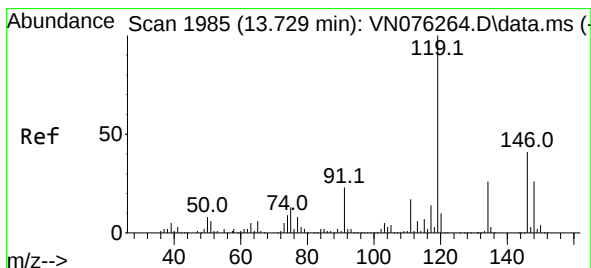
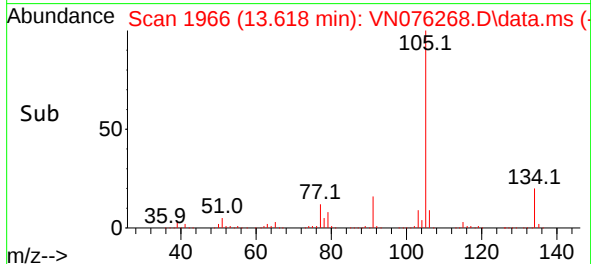
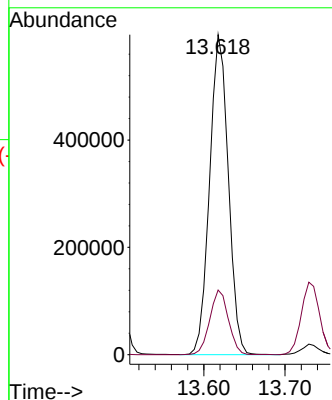
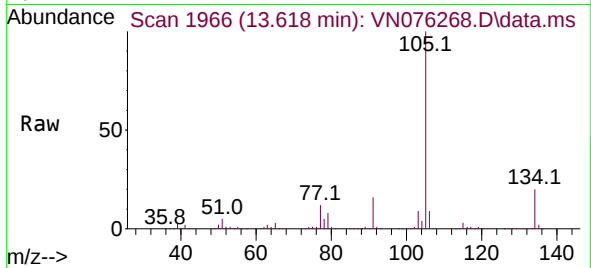




#85
 sec-Butylbenzene
 Concen: 49.552 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076268.D
 Acq: 16 Jan 2023 14:40

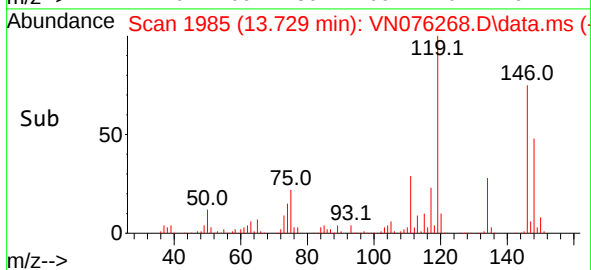
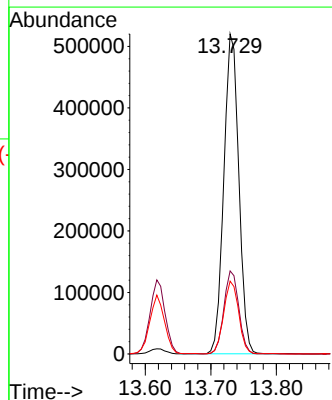
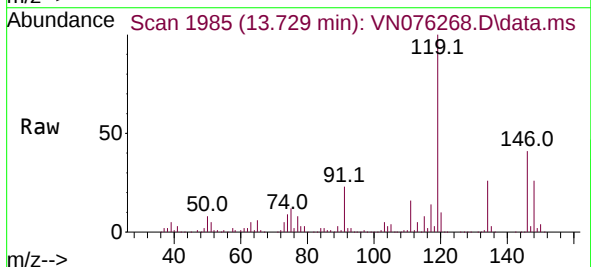
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011623

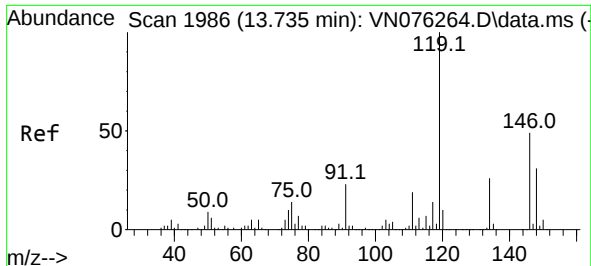
Tgt Ion:105 Resp: 953364
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 51.917 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076268.D
 Acq: 16 Jan 2023 14:40

Tgt Ion:119 Resp: 821383
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.6
 91 22.8 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 46.768 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

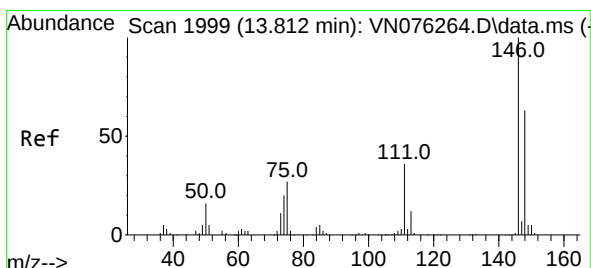
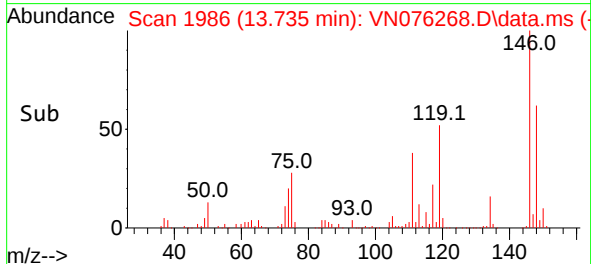
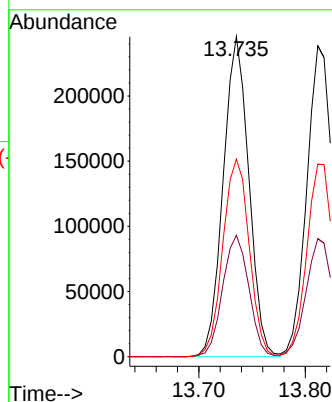
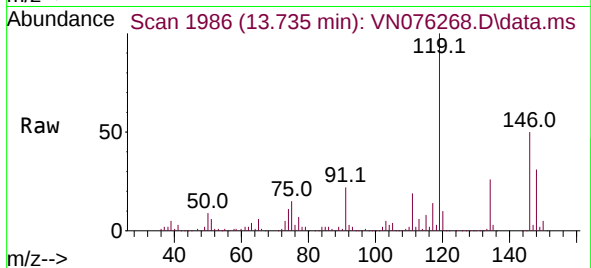
Tgt Ion:146 Resp: 410189

Ion Ratio Lower Upper

146 100

111 38.8 19.9 59.7

148 63.6 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 48.688 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

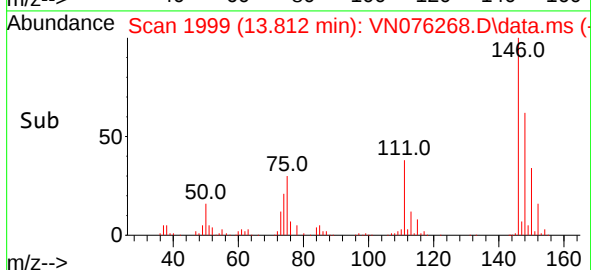
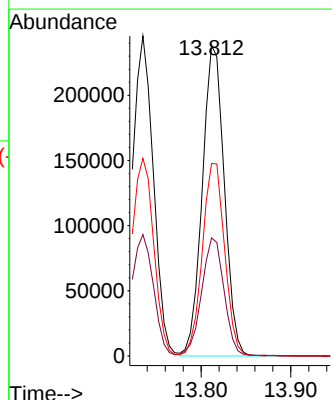
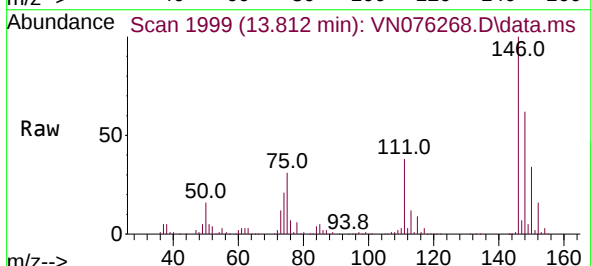
Tgt Ion:146 Resp: 406201

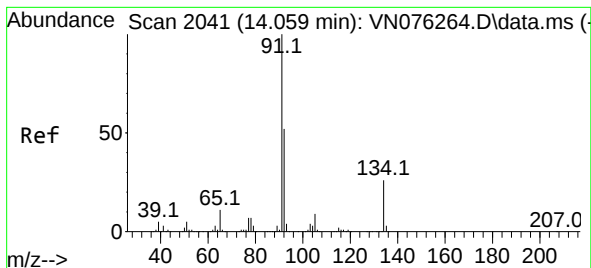
Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.5

148 62.9 31.9 95.9





#89

n-Butylbenzene

Concen: 53.760 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

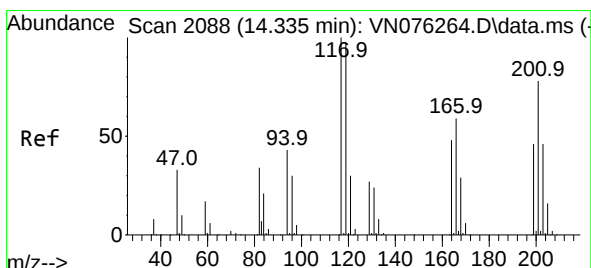
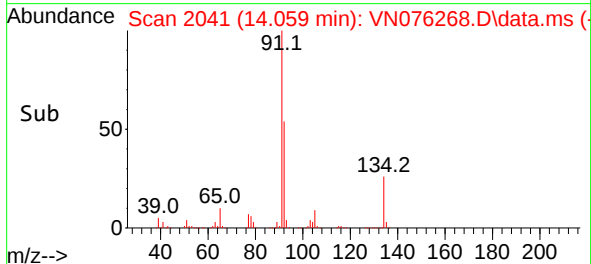
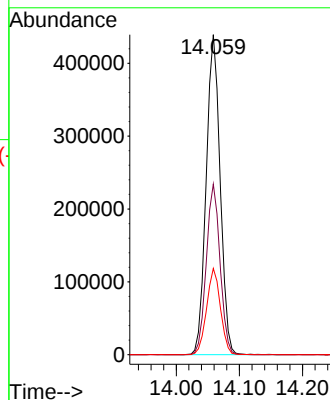
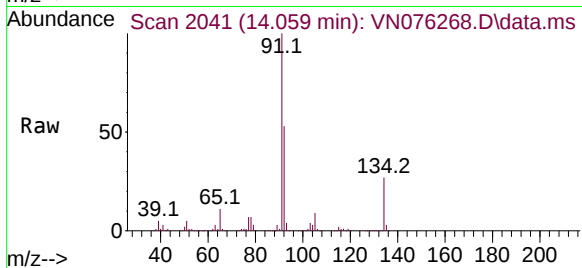
Tgt Ion: 91 Resp: 675183

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

134 26.7 13.2 39.5



#90

Hexachloroethane

Concen: 51.101 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076268.D

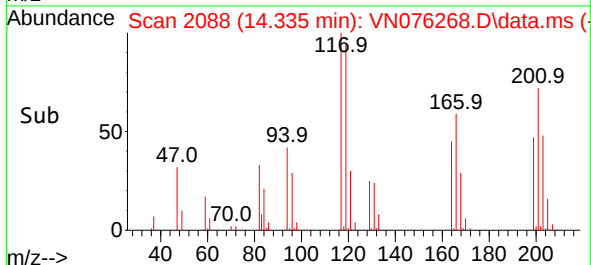
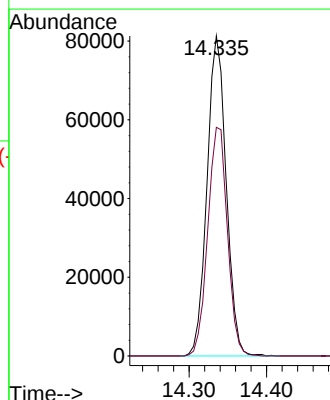
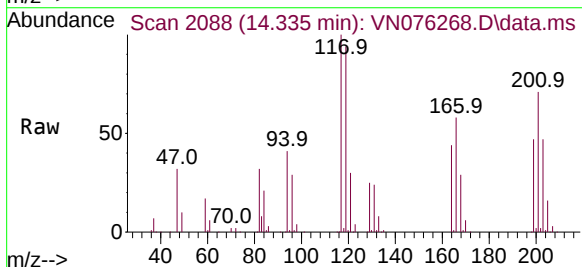
Acq: 16 Jan 2023 14:40

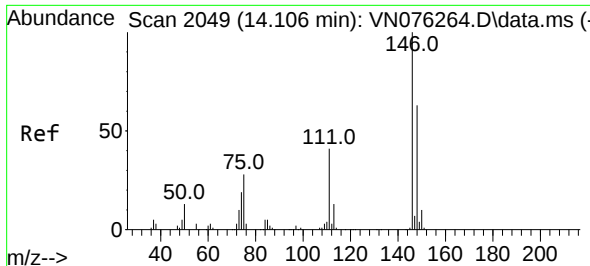
Tgt Ion: 117 Resp: 139536

Ion Ratio Lower Upper

117 100

201 73.3 37.3 111.9





#91

1,2-Dichlorobenzene

Concen: 45.990 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

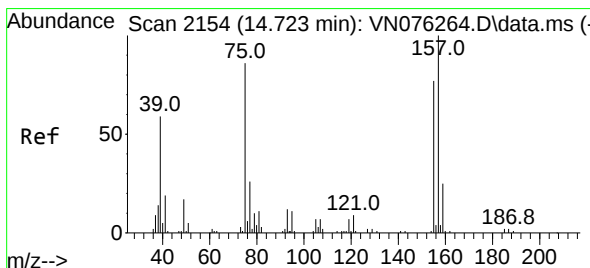
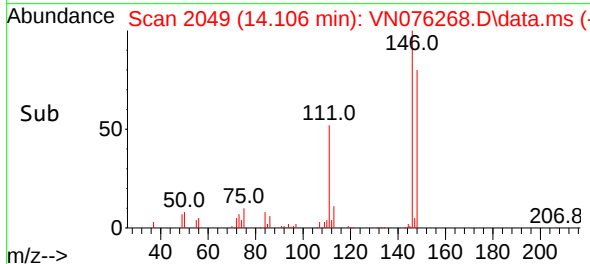
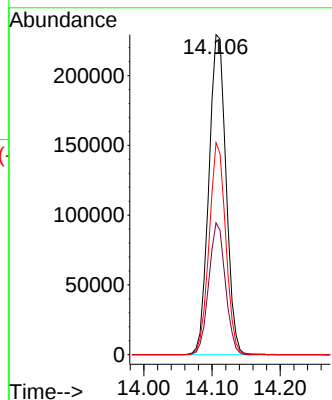
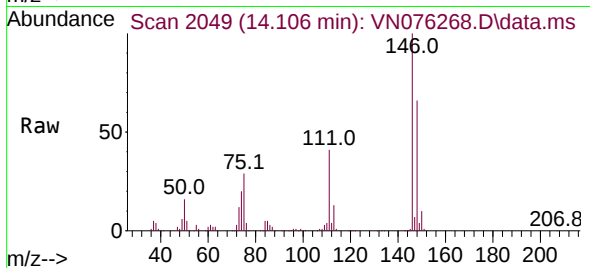
Tgt Ion:146 Resp: 401752

Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.8

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.881 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

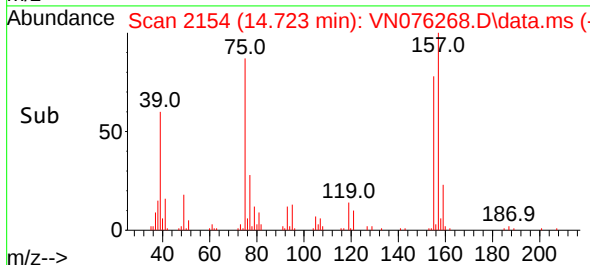
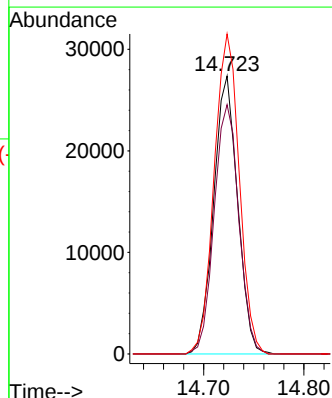
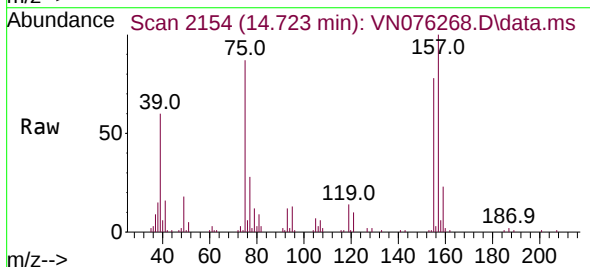
Tgt Ion: 75 Resp: 45454

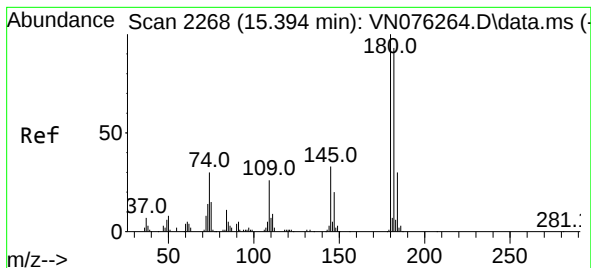
Ion Ratio Lower Upper

75 100

155 92.2 45.0 135.0

157 120.2 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 46.676 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076268.D

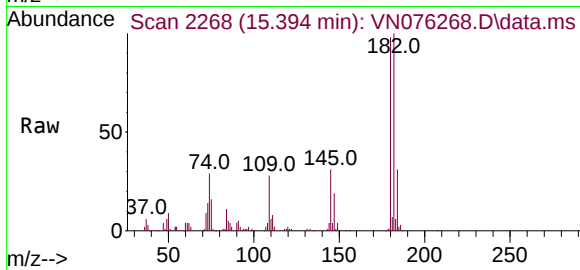
Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623



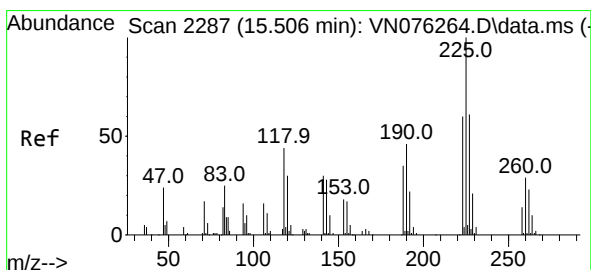
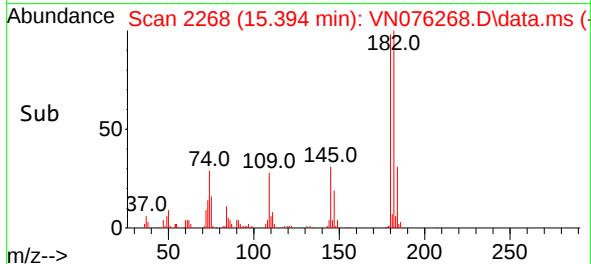
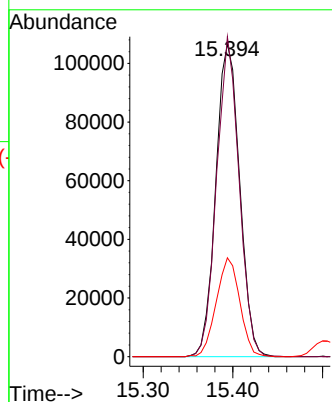
Tgt Ion:180 Resp: 196649

Ion Ratio Lower Upper

180 100

182 96.2 47.0 141.2

145 31.2 15.2 45.5



#94

Hexachlorobutadiene

Concen: 43.839 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

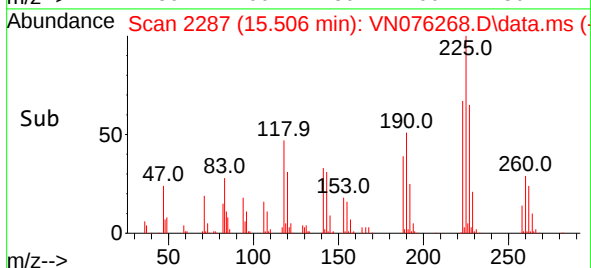
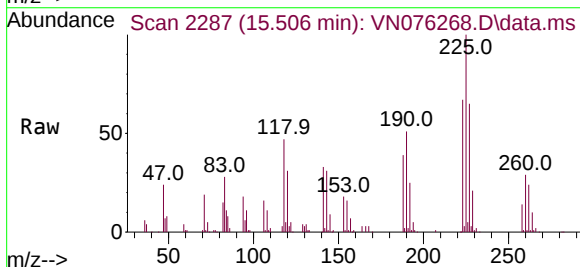
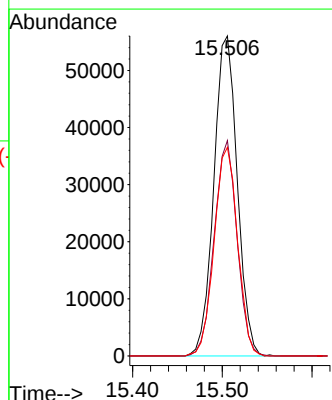
Tgt Ion:225 Resp: 101628

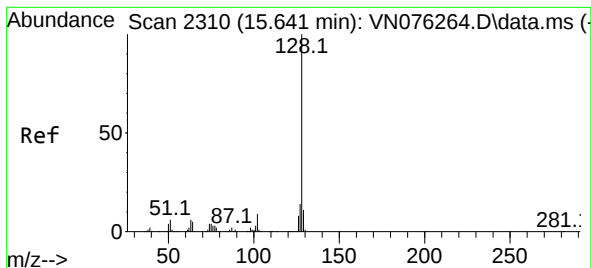
Ion Ratio Lower Upper

225 100

223 65.7 30.8 92.3

227 65.1 30.9 92.8





#95

Naphthalene

Concen: 47.611 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011623

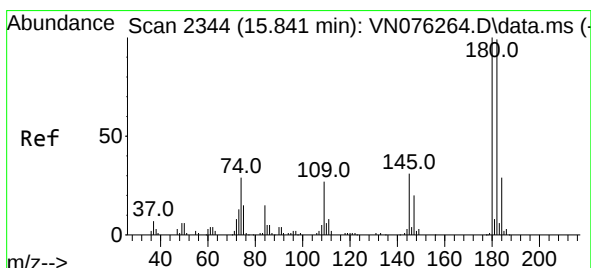
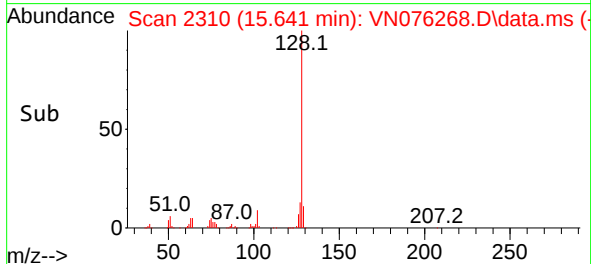
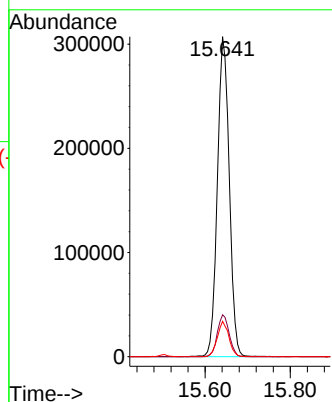
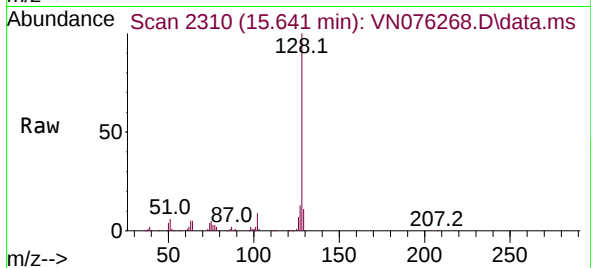
Tgt Ion:128 Resp: 593905

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.903 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076268.D

Acq: 16 Jan 2023 14:40

Tgt Ion:180 Resp: 192542

Ion Ratio Lower Upper

180 100

182 94.2 47.5 142.5

145 32.3 15.9 47.6

