

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076340.D
 Acq On : 20 Jan 2023 11:49
 Operator : JC\MD
 Sample : VN0120WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBS01

Quant Time: Jan 20 22:12:39 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	434458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	686884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	590812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268276	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	238528	49.034	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	8.171	113	216075	50.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	10.571	98	804547	50.701	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.853	95	263748	50.914	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	77610	17.432	ug/l	97
3) Chloromethane	2.377	50	76370	16.568	ug/l	98
4) Vinyl Chloride	2.530	62	98949	17.506	ug/l	97
5) Bromomethane	2.965	94	81538	17.616	ug/l	100
6) Chloroethane	3.130	64	79530	18.764	ug/l	100
7) Trichlorofluoromethane	3.512	101	131084	16.857	ug/l	95
8) Diethyl Ether	3.971	74	45368	17.394	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	75573	17.168	ug/l	97
10) Methyl Iodide	4.601	142	110607	16.449	ug/l	99
11) Tert butyl alcohol	5.530	59	56849	87.371	ug/l	96
12) 1,1-Dichloroethene	4.353	96	69844	16.784	ug/l	94
13) Acrolein	4.195	56	68929	88.582	ug/l	100
14) Allyl chloride	5.036	41	79746	16.445	ug/l	98
15) Acrylonitrile	5.730	53	160999	86.952	ug/l	98
16) Acetone	4.442	43	133869	85.797	ug/l	99
17) Carbon Disulfide	4.724	76	157669	15.217	ug/l	97
18) Methyl Acetate	5.042	43	86846	16.433	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	238762	17.624	ug/l	100
20) Methylene Chloride	5.289	84	87170	18.511	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	73170	16.231	ug/l	99
22) Diisopropyl ether	6.683	45	197073	17.233	ug/l	97
23) Vinyl Acetate	6.612	43	632050	85.516	ug/l	99
24) 1,1-Dichloroethane	6.577	63	127878	16.775	ug/l	97
25) 2-Butanone	7.489	43	199642	83.823	ug/l	97
26) 2,2-Dichloropropane	7.500	77	112745	17.548	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	90751	17.260	ug/l	96
28) Bromochloromethane	7.818	49	58134	18.815	ug/l	100
29) Tetrahydrofuran	7.847	42	129034	87.781	ug/l	99
30) Chloroform	7.971	83	143467	17.009	ug/l	99
31) Cyclohexane	8.265	56	121204	16.219	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	134781	17.502	ug/l	90
36) 1,1-Dichloropropene	8.377	75	102658	16.814	ug/l	100
37) Ethyl Acetate	7.565	43	84360	17.250	ug/l	98
38) Carbon Tetrachloride	8.371	117	117266	17.223	ug/l	97
39) Methylcyclohexane	9.606	83	130958	17.564	ug/l	100
40) Benzene	8.612	78	314284	17.215	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	43452	16.946	ug/l	93
42) 1,2-Dichloroethane	8.677	62	108252	17.330	ug/l	99
43) Isopropyl Acetate	8.694	43	138424	17.375	ug/l	98
44) Trichloroethene	9.359	130	86003	16.656	ug/l	93
45) 1,2-Dichloropropane	9.624	63	74191	16.973	ug/l	98
46) Dibromomethane	9.712	93	56579	17.144	ug/l	99
47) Bromodichloromethane	9.888	83	112922	17.642	ug/l	100
48) Methyl methacrylate	9.683	41	65341	17.324	ug/l	99
49) 1,4-Dioxane	9.700	88	28677	360.339	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	414223	88.569	ug/l	100
52) Toluene	10.630	92	204439	16.745	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	109459	17.939	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	121122	17.254	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	81734	17.514	ug/l	97
56) Ethyl methacrylate	10.877	69	111865	18.568	ug/l	98
57) 1,3-Dichloropropane	11.165	76	132110	17.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	166745	81.982	ug/l	97
59) 2-Hexanone	11.200	43	299104	88.255	ug/l	99
60) Dibromochloromethane	11.359	129	88450	18.005	ug/l	100
61) 1,2-Dibromoethane	11.471	107	83019	17.823	ug/l	98
64) Tetrachloroethene	11.106	164	93789	17.603	ug/l	95
65) Chlorobenzene	11.894	112	222573	17.822	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	83390	17.946	ug/l	99
67) Ethyl Benzene	11.965	91	391804	18.330	ug/l	99
68) m/p-Xylenes	12.071	106	315338	36.792	ug/l	99
69) o-Xylene	12.400	106	155543	18.480	ug/l	100
70) Styrene	12.412	104	246019	18.306	ug/l	98
71) Bromoform	12.582	173	60767	18.108	ug/l #	99
73) Isopropylbenzene	12.700	105	402670	19.402	ug/l	100
74) N-amyl acetate	12.494	43	111988	18.759	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	108149	18.127	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	133526	26.883	ug/l	82
77) Bromobenzene	12.982	156	95849	19.410	ug/l	96
78) n-propylbenzene	13.035	91	445078	19.006	ug/l	99
79) 2-Chlorotoluene	13.129	91	264602	18.414	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	335044	19.270	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	30519	18.928	ug/l	98
82) 4-Chlorotoluene	13.129	91	264602	18.414	ug/l	100
83) tert-Butylbenzene	13.441	119	297046	19.209	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	335586	19.249	ug/l	100
85) sec-Butylbenzene	13.618	105	412861	19.241	ug/l	100
86) p-Isopropyltoluene	13.729	119	342068	19.386	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	171972	17.581	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	167013	18.013	ug/l	98
89) n-Butylbenzene	14.059	91	259372	18.517	ug/l	99
90) Hexachloroethane	14.335	117	56103	18.422	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	169039	17.350	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18572	17.908	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	74402	16.697	ug/l	99
94) Hexachlorobutadiene	15.506	225	43961	17.003	ug/l	99
95) Naphthalene	15.641	128	215636	16.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	73261	17.103	ug/l	99

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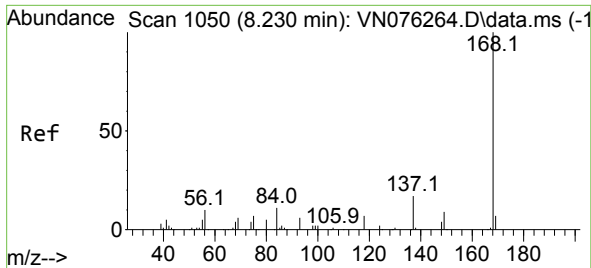
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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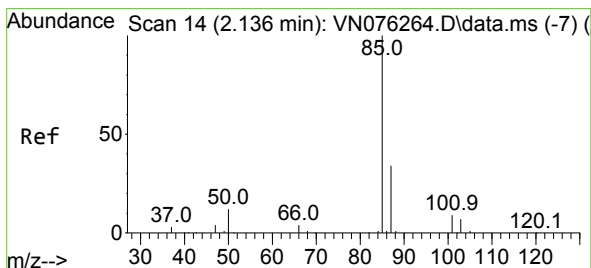
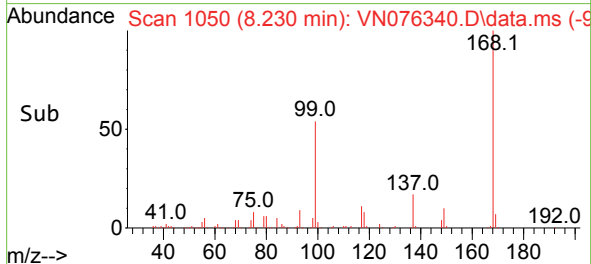
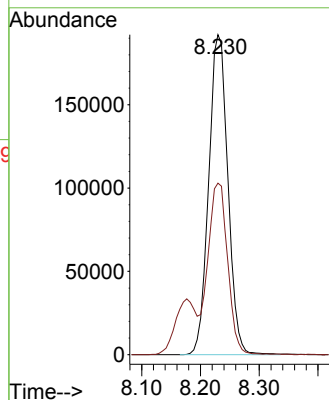
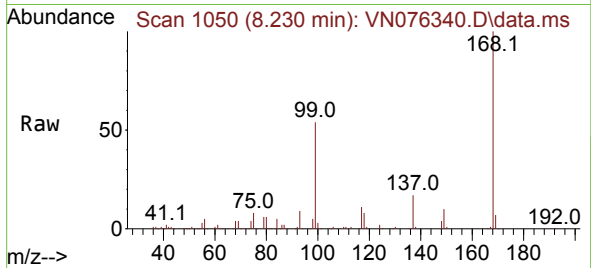




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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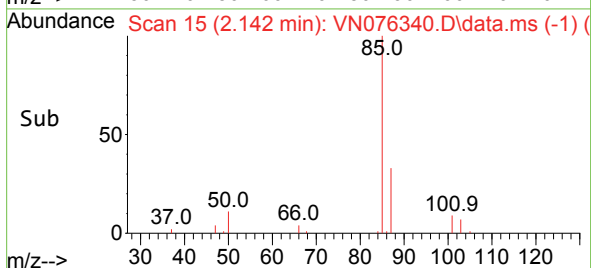
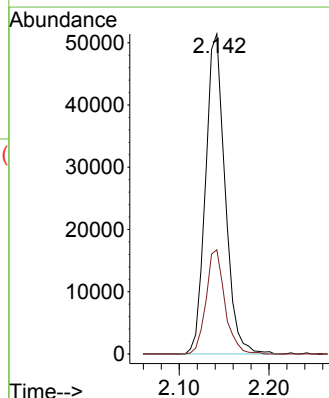
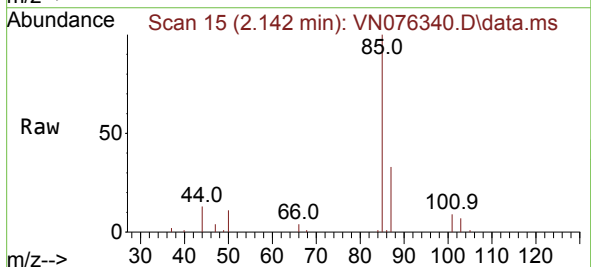
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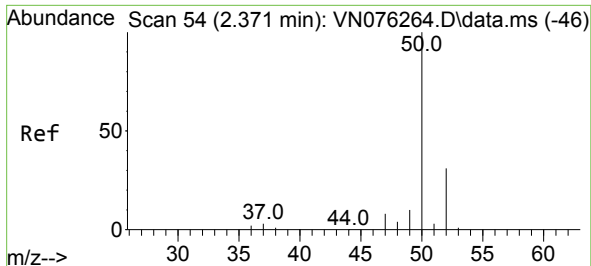
Tgt Ion:168 Resp: 434458
Ion Ratio Lower Upper
168 100
99 53.4 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 17.432 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 85 Resp: 77610
Ion Ratio Lower Upper
85 100
87 32.5 17.1 51.2

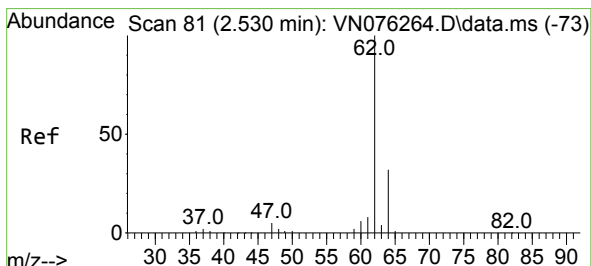
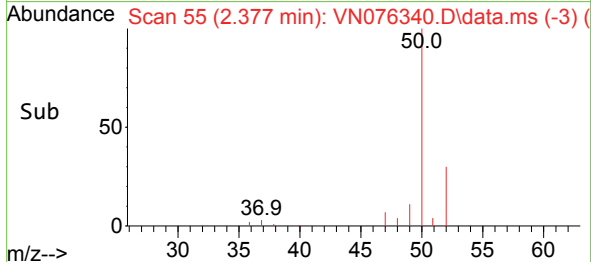
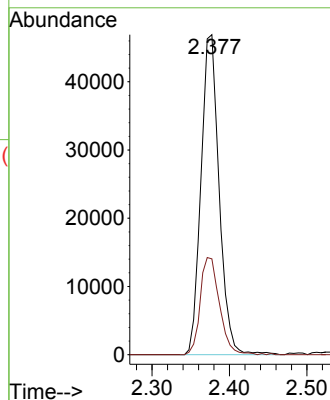
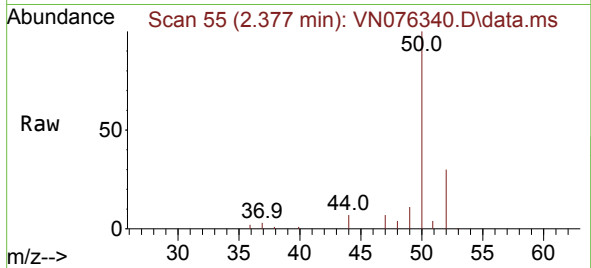




#3
Chloromethane
Concen: 16.568 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

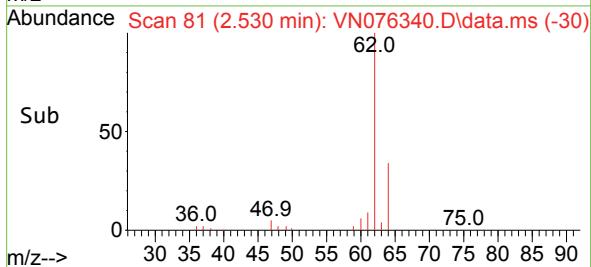
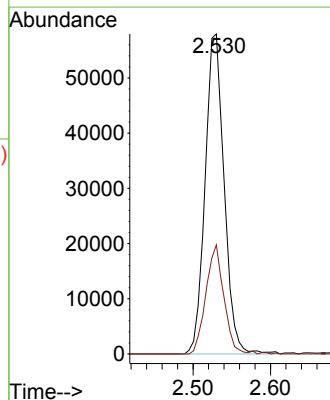
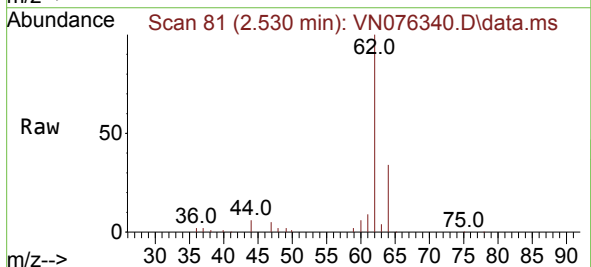
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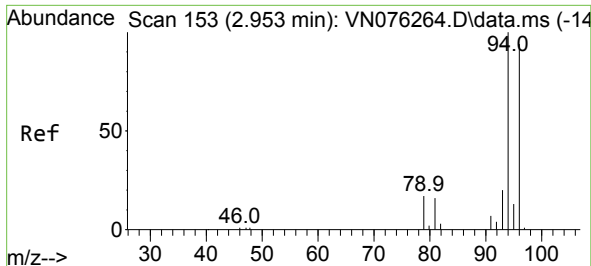
Tgt Ion: 50 Resp: 76370
Ion Ratio Lower Upper
50 100
52 30.0 24.8 37.2



#4
Vinyl Chloride
Concen: 17.506 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 62 Resp: 98949
Ion Ratio Lower Upper
62 100
64 34.1 25.8 38.6

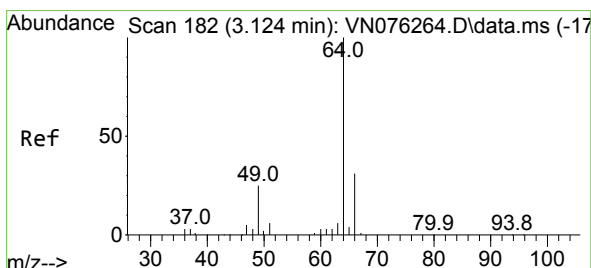
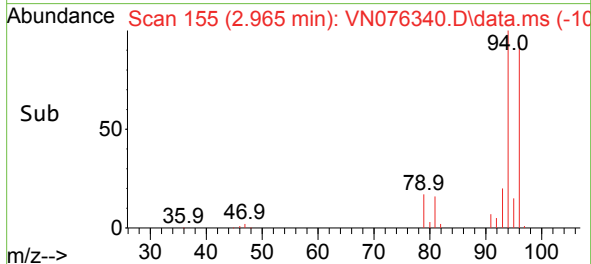
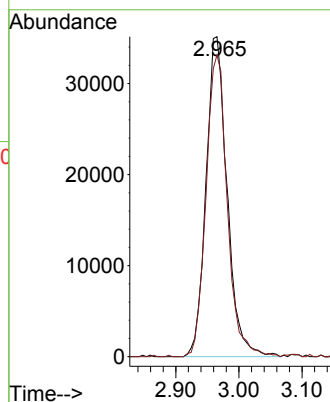
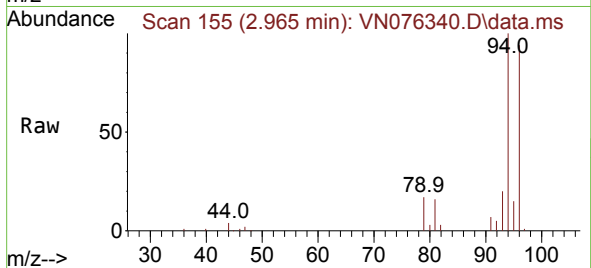




#5
Bromomethane
Concen: 17.616 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

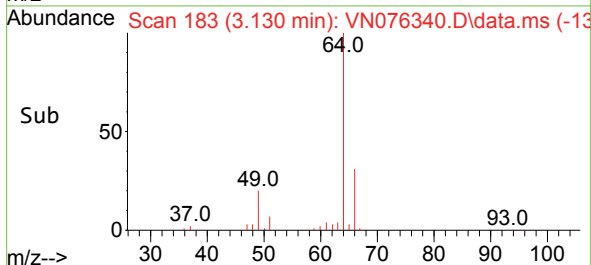
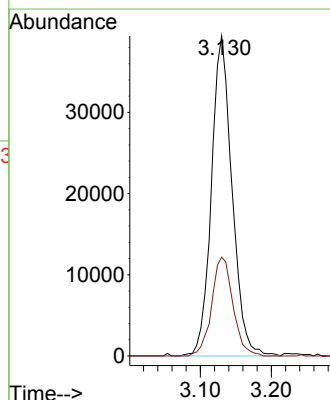
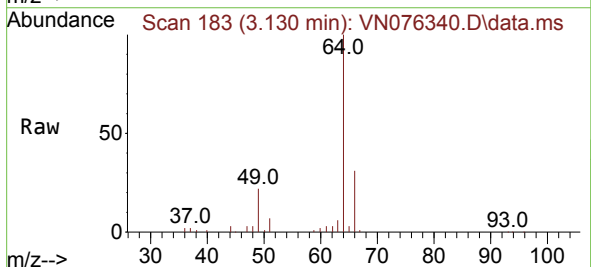
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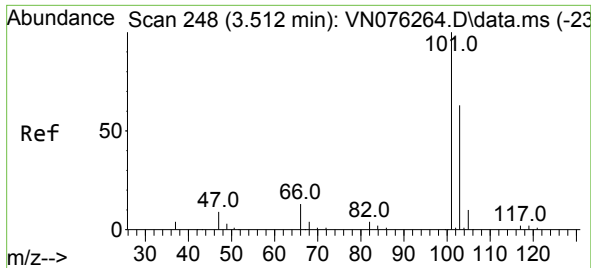
Tgt Ion: 94 Resp: 81538
Ion Ratio Lower Upper
94 100
96 94.3 75.1 112.7



#6
Chloroethane
Concen: 18.764 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076340.D
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Tgt Ion: 64 Resp: 79530
Ion Ratio Lower Upper
64 100
66 30.9 24.8 37.2

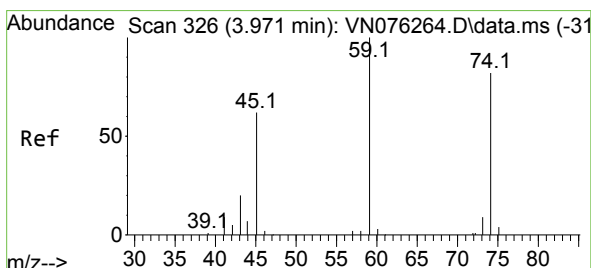
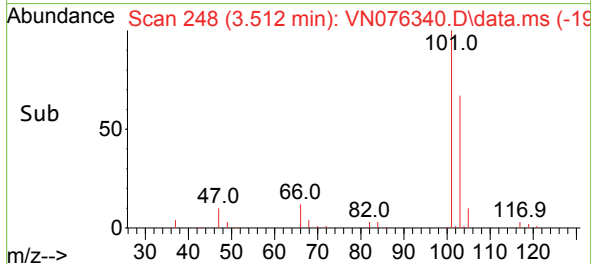
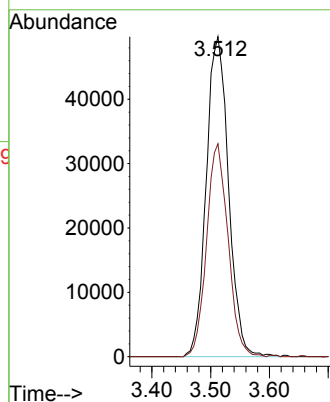
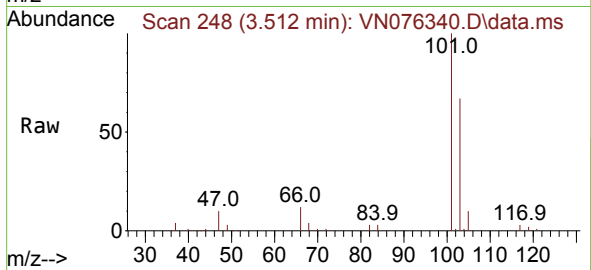




#7
 Trichlorofluoromethane
 Concen: 16.857 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076340.D
 Acq: 20 Jan 2023 11:49

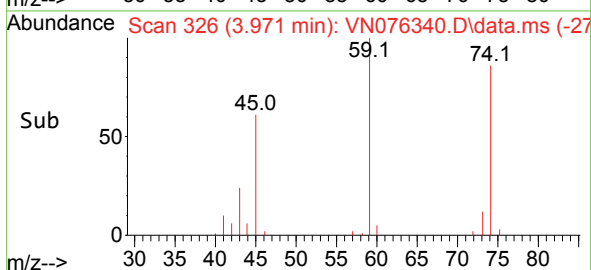
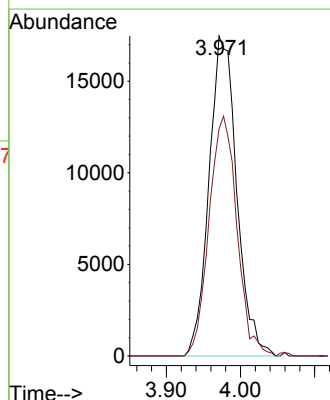
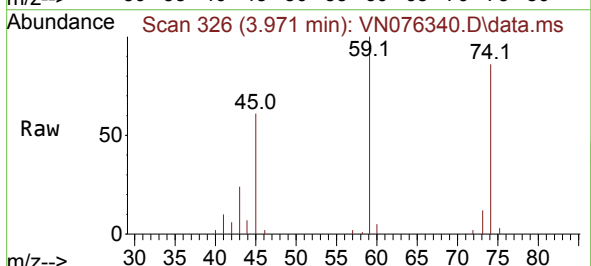
Instrument :
 MSVOA_N
 ClientSampleId :
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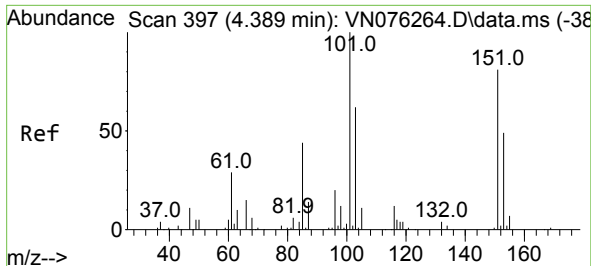
Tgt Ion:101 Resp: 131084
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.2 75.4



#8
 Diethyl Ether
 Concen: 17.394 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN076340.D
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Tgt Ion: 74 Resp: 45368
 Ion Ratio Lower Upper
 74 100
 45 75.3 37.8 113.3

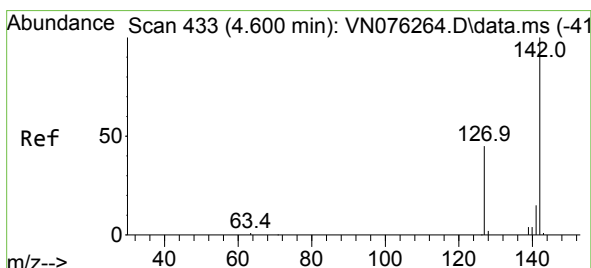
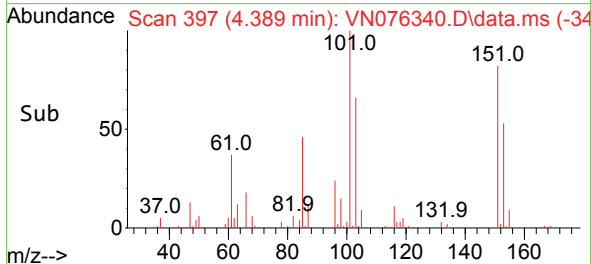
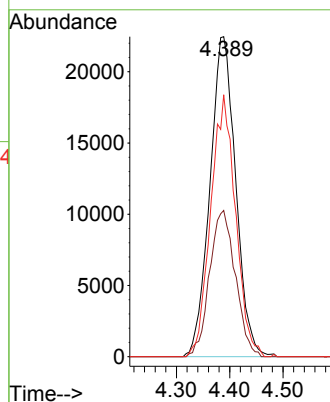
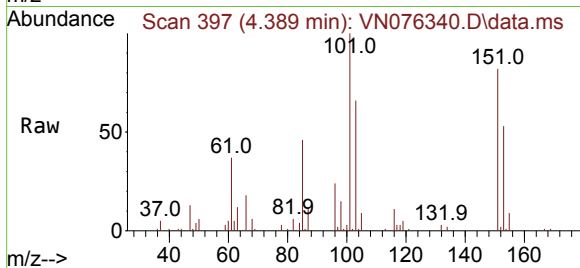




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.168 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

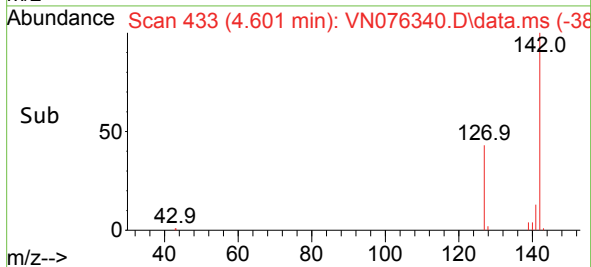
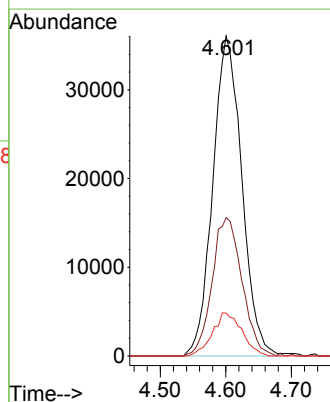
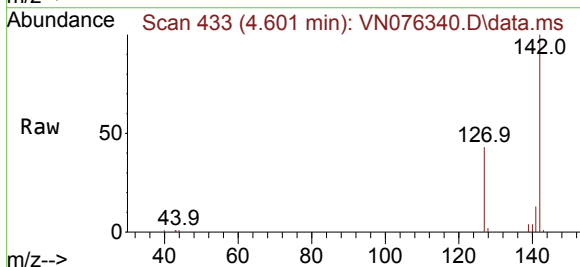
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

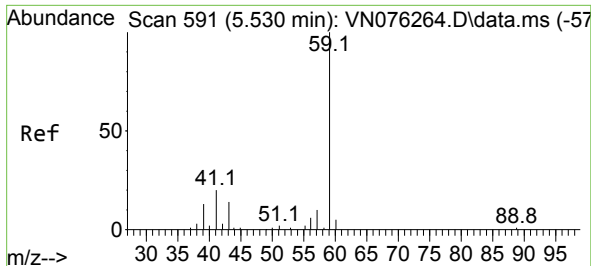
Tgt Ion:	101	Resp:	75573
Ion	Ratio	Lower	Upper
101	100		
85	45.7	35.5	53.3
151	78.7	65.5	98.3



#10
Methyl Iodide
Concen: 16.449 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.001 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion:	142	Resp:	110607
Ion	Ratio	Lower	Upper
142	100		
127	44.4	35.0	52.4
141	13.7	11.5	17.3

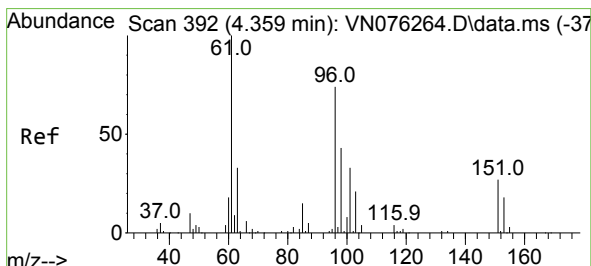
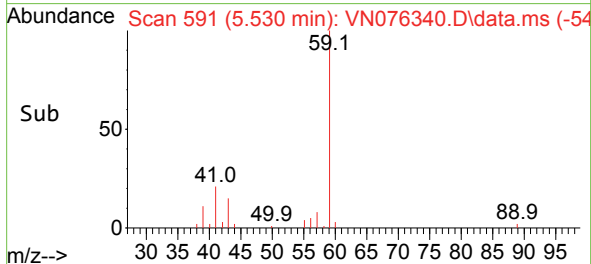
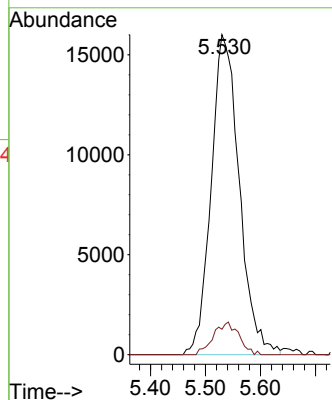
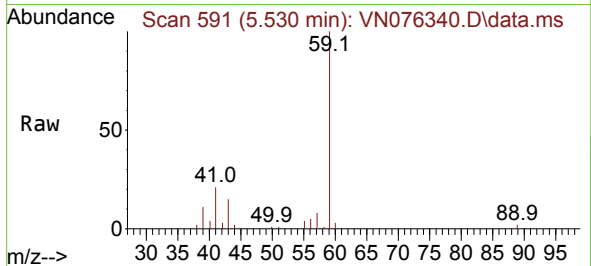




#11
Tert butyl alcohol
Concen: 87.371 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

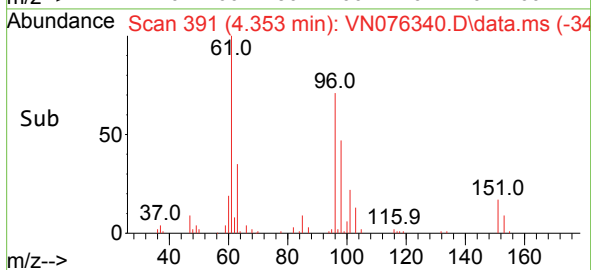
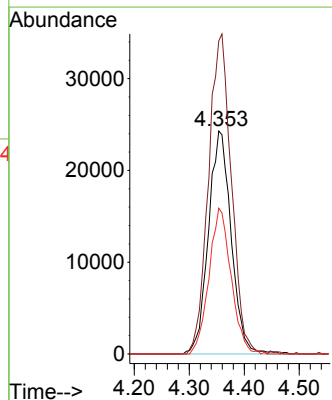
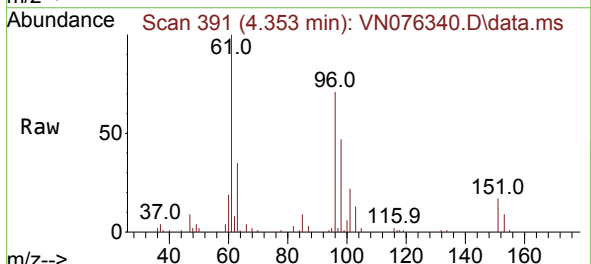
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

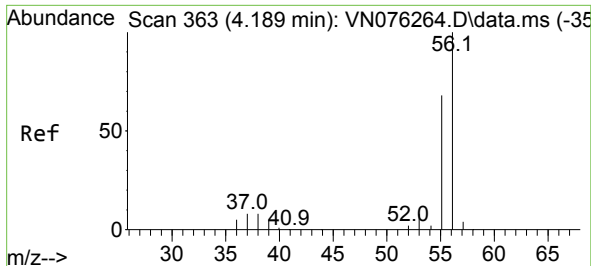
Tgt Ion: 59 Resp: 56849
Ion Ratio Lower Upper
59 100
57 9.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 16.784 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 96 Resp: 69844
Ion Ratio Lower Upper
96 100
61 140.4 108.2 162.4
98 65.4 47.0 70.6





#13

Acrolein

Concen: 88.582 ug/l

RT: 4.195 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

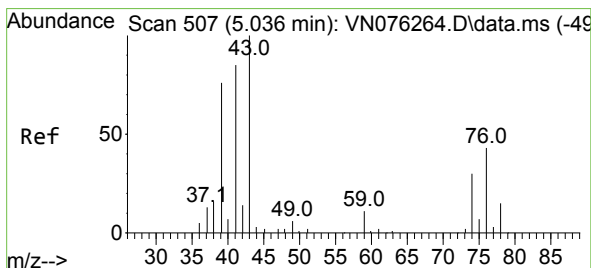
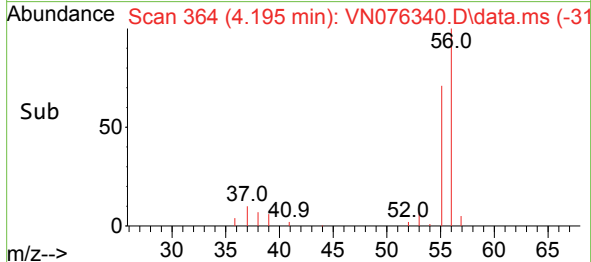
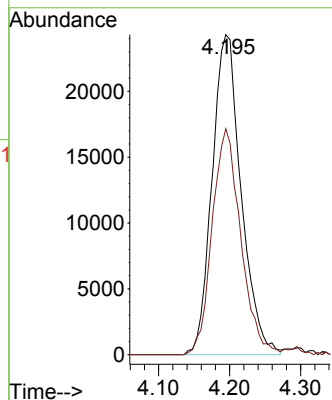
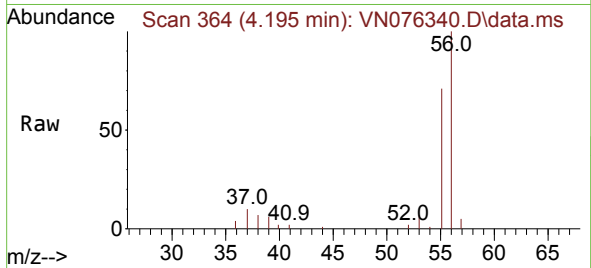
VN0120WBS01

Tgt Ion: 56 Resp: 68929

Ion Ratio Lower Upper

56 100

55 69.5 55.8 83.6



#14

Allyl chloride

Concen: 16.445 ug/l

RT: 5.036 min Scan# 507

Delta R.T. -0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

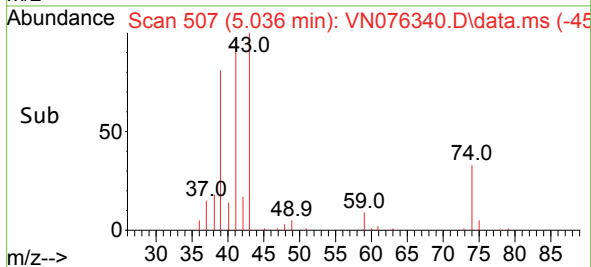
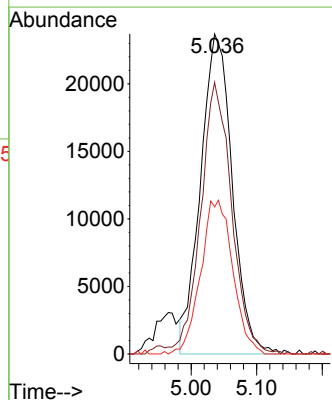
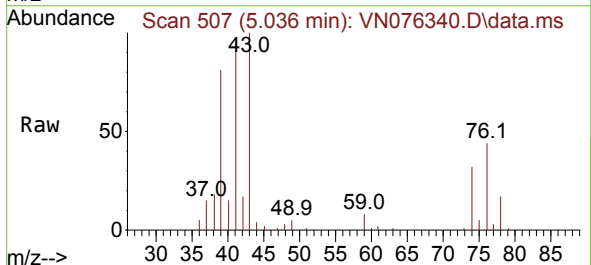
Tgt Ion: 41 Resp: 79746

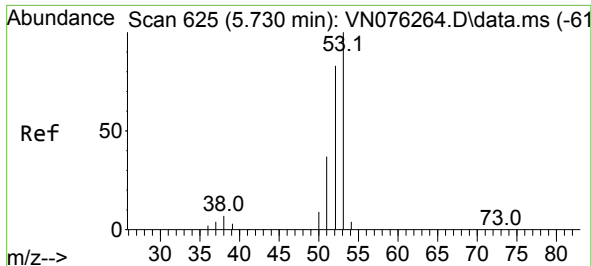
Ion Ratio Lower Upper

41 100

39 82.5 67.4 101.0

76 48.7 39.8 59.8

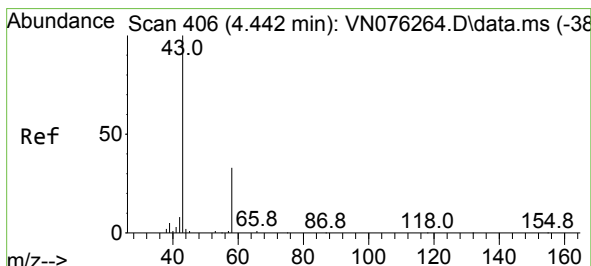
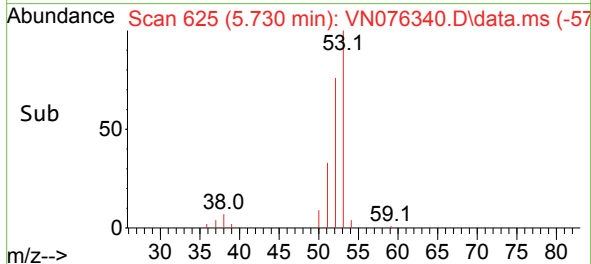
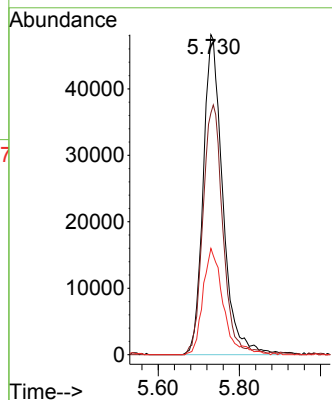
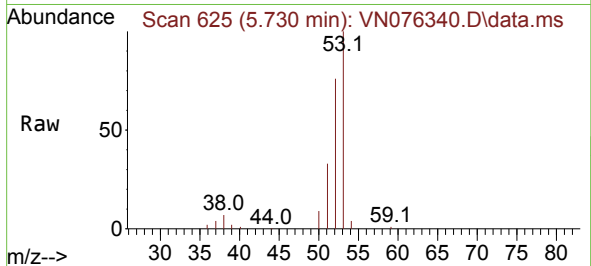




#15
Acrylonitrile
Concen: 86.952 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

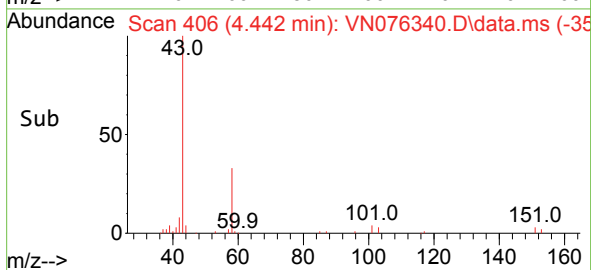
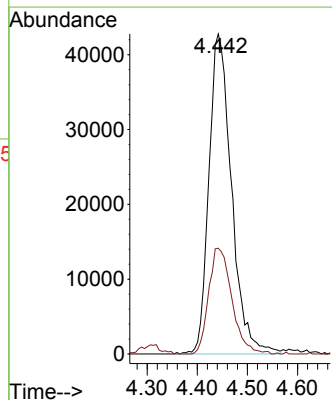
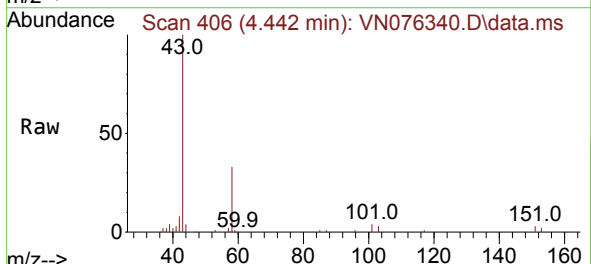
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

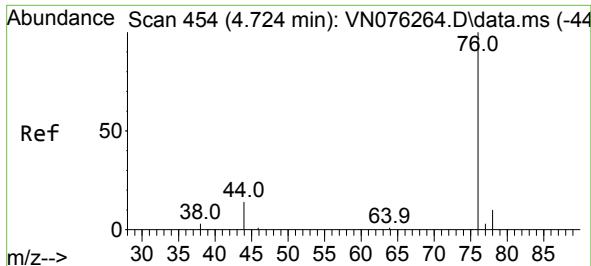
Tgt Ion: 53 Resp: 160999
Ion Ratio Lower Upper
53 100
52 79.5 64.7 97.1
51 34.5 29.2 43.8



#16
Acetone
Concen: 85.797 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 43 Resp: 133869
Ion Ratio Lower Upper
43 100
58 33.0 26.7 40.1

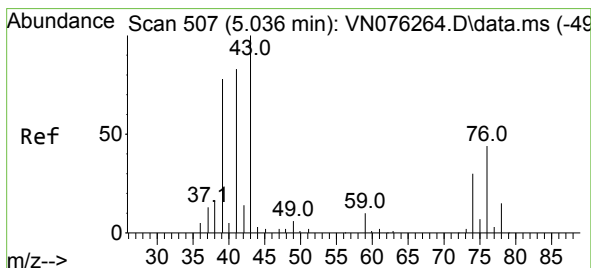
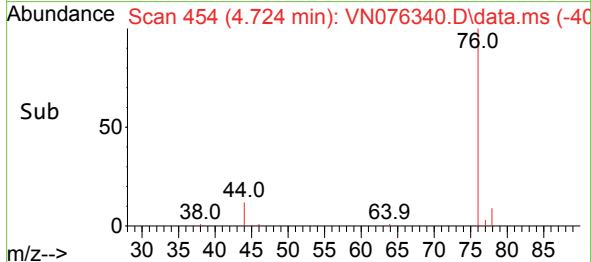
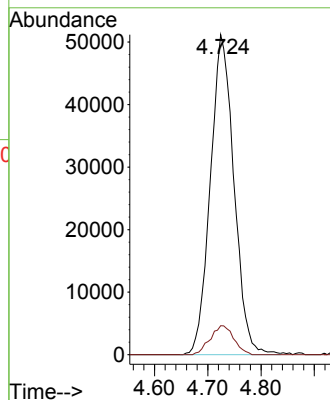
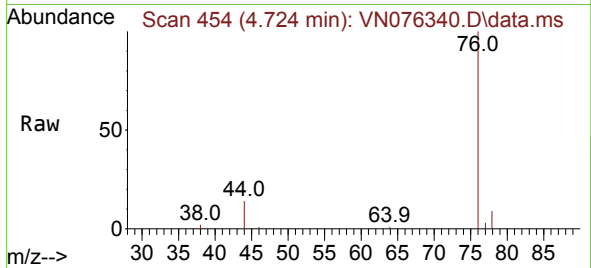




#17
Carbon Disulfide
Concen: 15.217 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

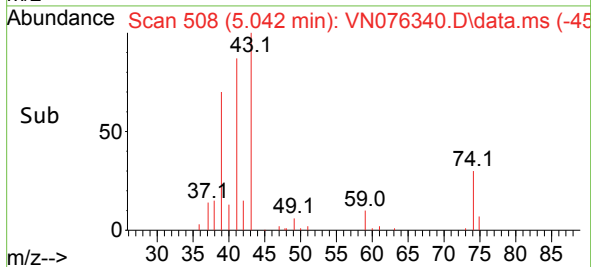
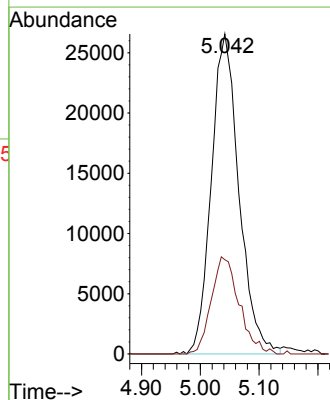
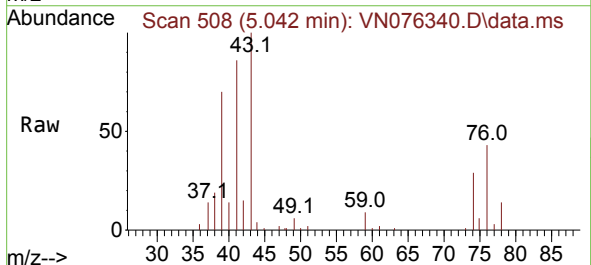
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

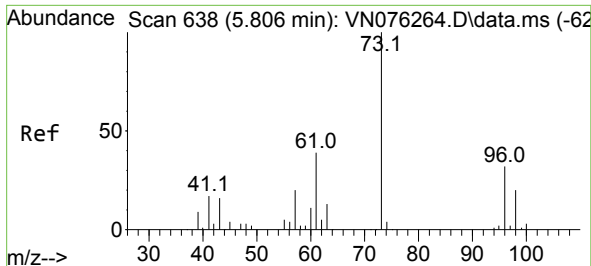
Tgt Ion: 76 Resp: 157669
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0



#18
Methyl Acetate
Concen: 16.433 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 43 Resp: 86846
Ion Ratio Lower Upper
43 100
74 30.6 23.3 34.9

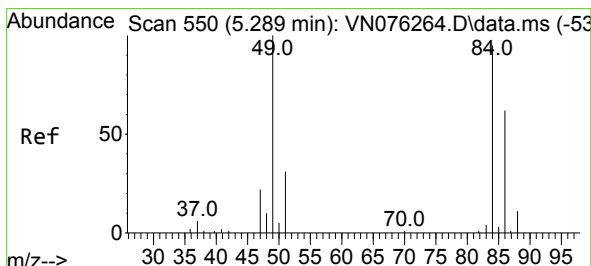
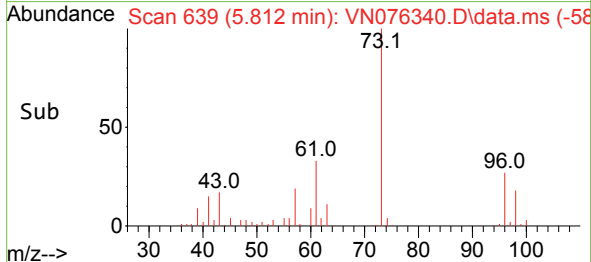
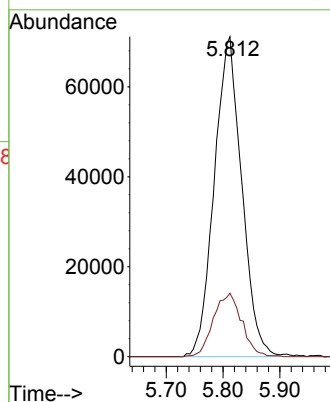
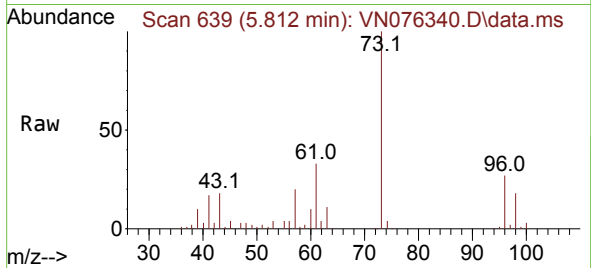




#19
Methyl tert-butyl Ether
Concen: 17.624 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

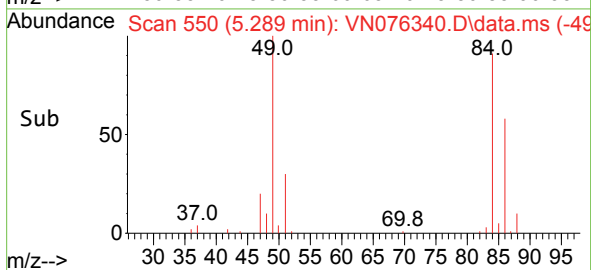
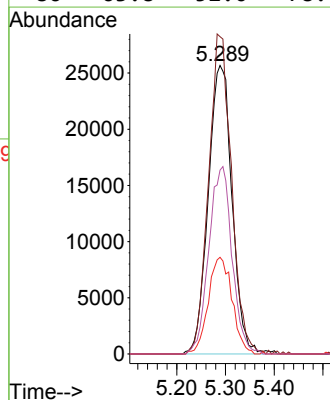
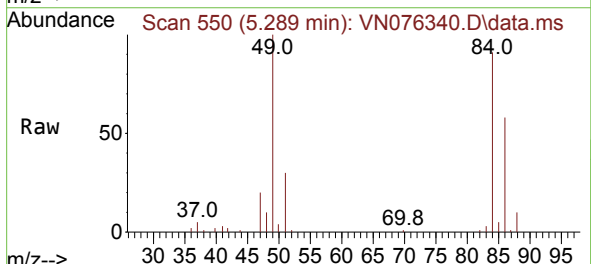
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

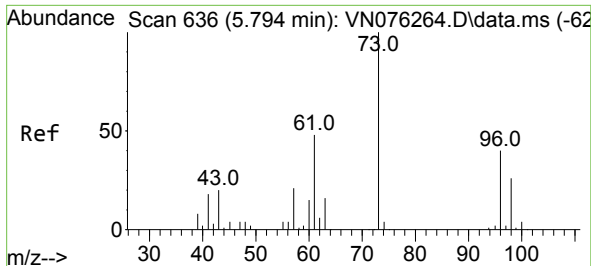
Tgt Ion: 73 Resp: 238762
Ion Ratio Lower Upper
73 100
57 19.8 15.9 23.9



#20
Methylene Chloride
Concen: 18.511 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 84 Resp: 87170
Ion Ratio Lower Upper
84 100
49 110.0 84.5 126.7
51 33.5 26.0 39.0
86 63.8 52.0 78.0

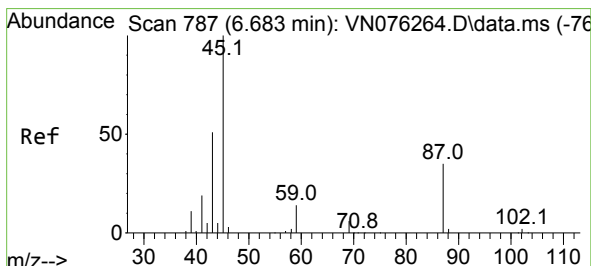
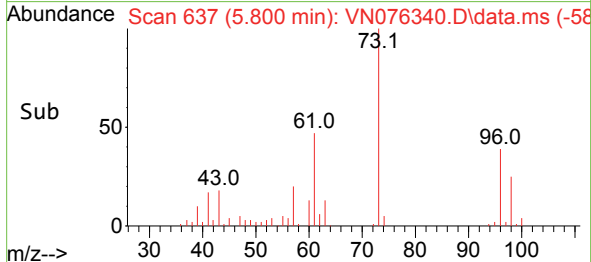
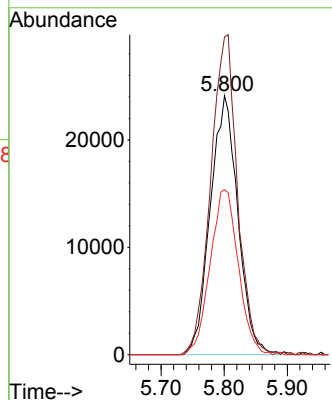
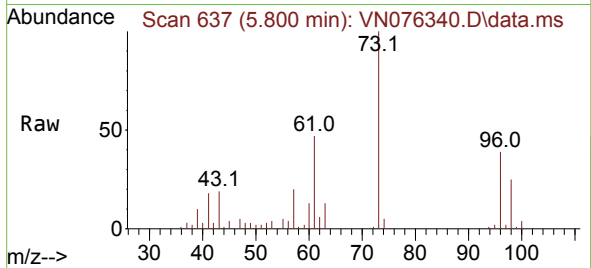




#21
trans-1,2-Dichloroethene
Concen: 16.231 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

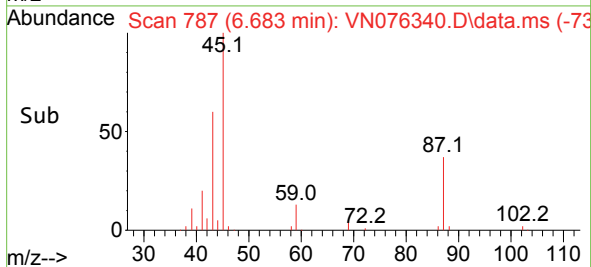
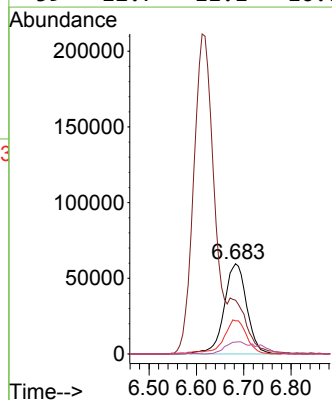
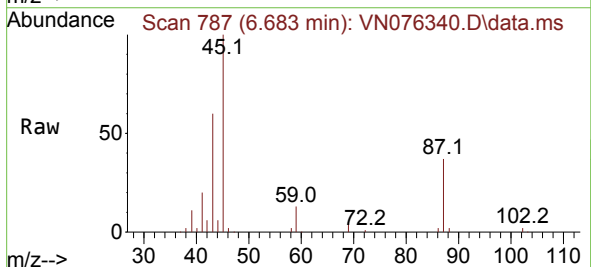
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

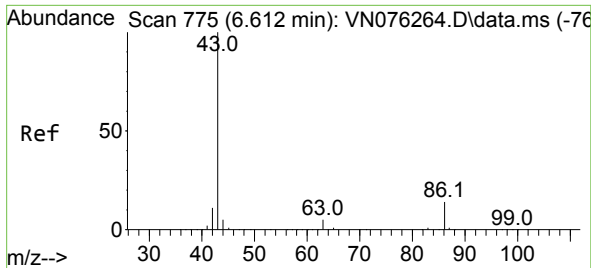
Tgt Ion: 96 Resp: 73170
Ion Ratio Lower Upper
96 100
61 122.6 97.0 145.4
98 63.7 51.9 77.9



#22
Diisopropyl ether
Concen: 17.233 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 45 Resp: 197073
Ion Ratio Lower Upper
45 100
43 57.5 44.4 66.6
87 36.7 28.4 42.6
59 12.7 11.1 16.7

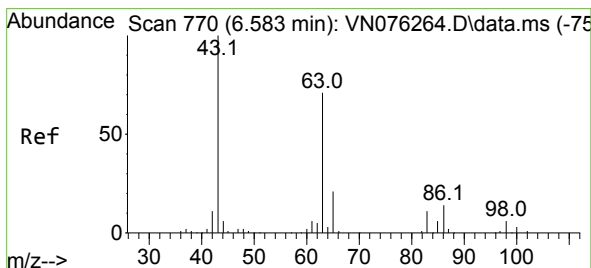
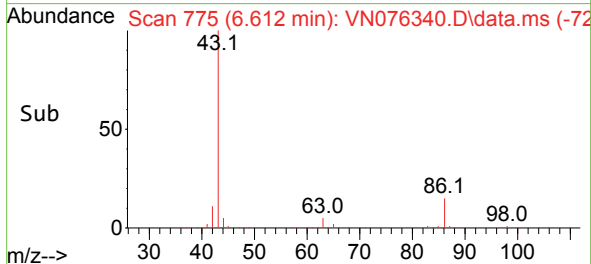
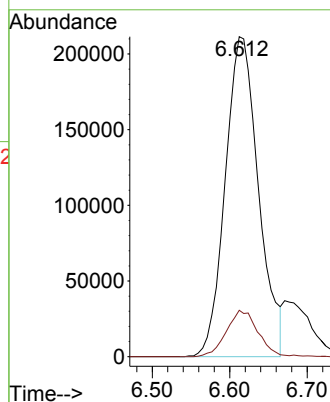
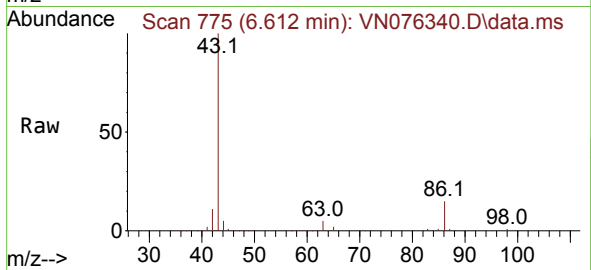




#23
 Vinyl Acetate
 Concen: 85.516 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076340.D
 Acq: 20 Jan 2023 11:49

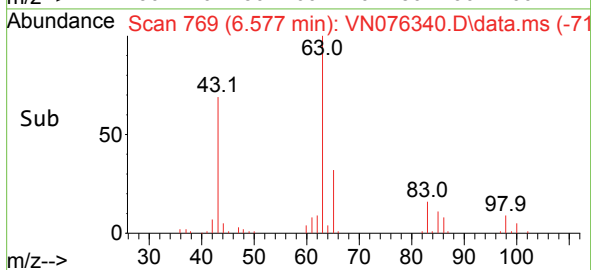
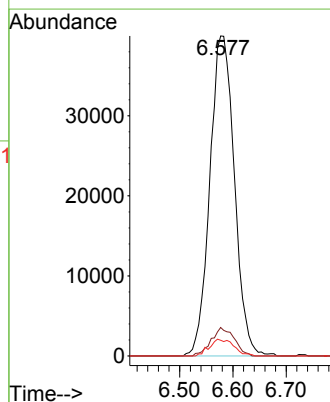
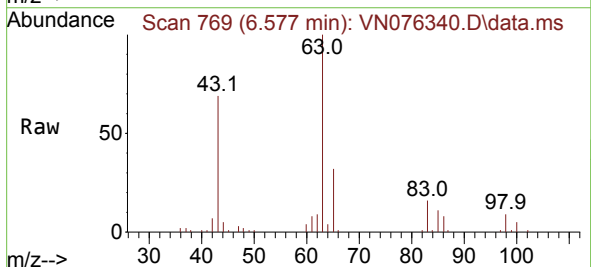
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBS01

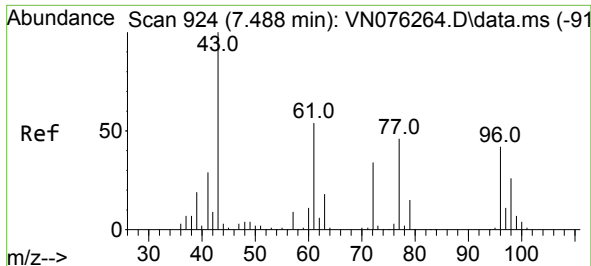
Tgt Ion: 43 Resp: 632050
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 16.775 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076340.D
 Acq: 20 Jan 2023 11:49

Tgt Ion: 63 Resp: 127878
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.7
 100 4.9 2.2 6.6





#25

2-Butanone

Concen: 83.823 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.001 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

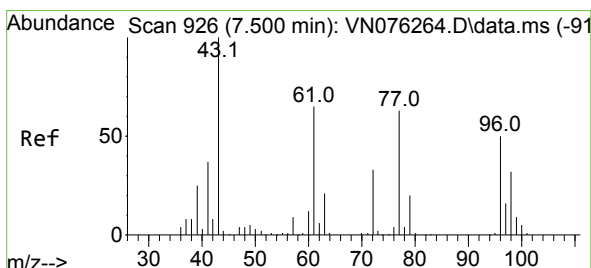
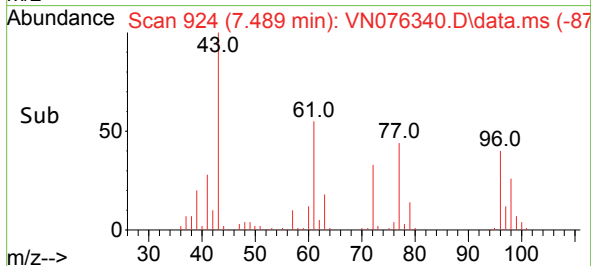
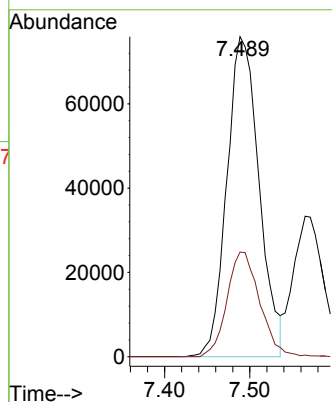
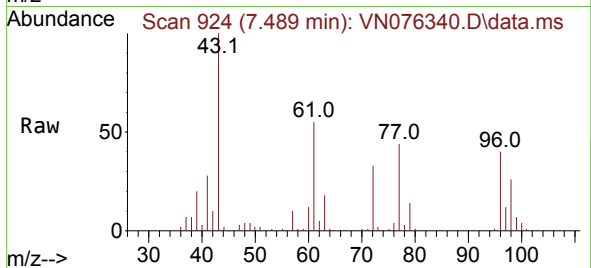
VN0120WBS01

Tgt Ion: 43 Resp: 199642

Ion Ratio Lower Upper

43 100

72 32.7 27.4 41.2



#26

2,2-Dichloropropane

Concen: 17.548 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076340.D

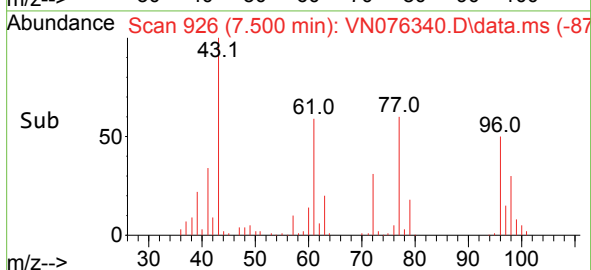
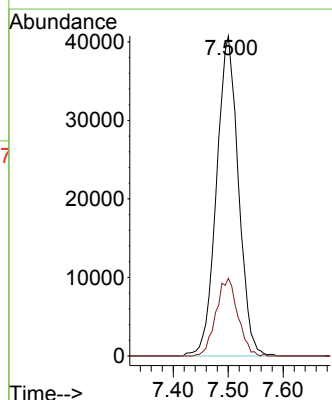
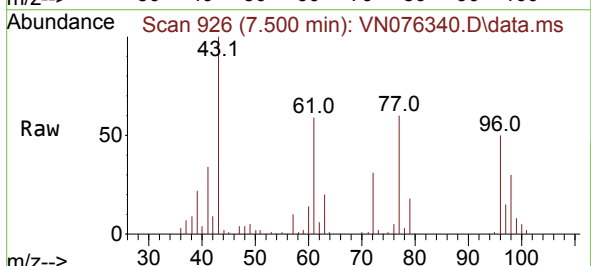
Acq: 20 Jan 2023 11:49

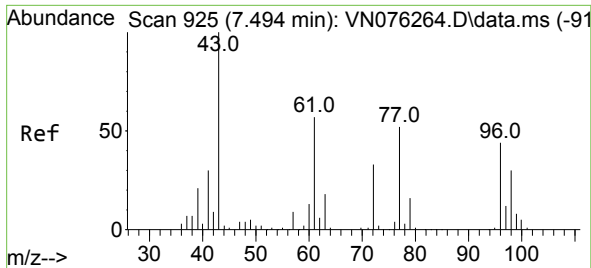
Tgt Ion: 77 Resp: 112745

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 17.260 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBS01

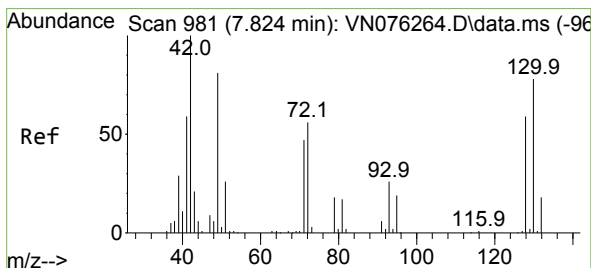
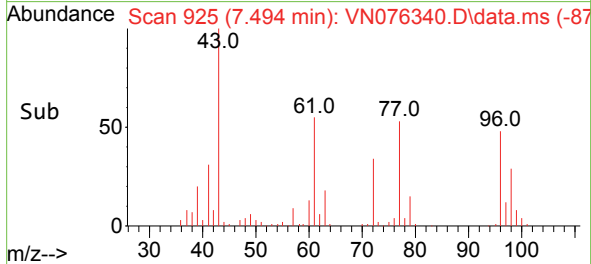
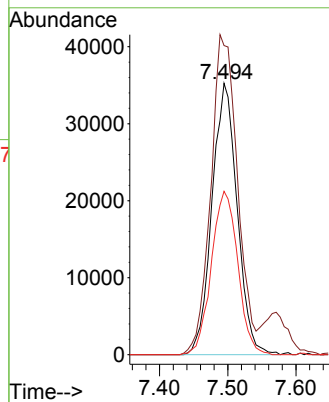
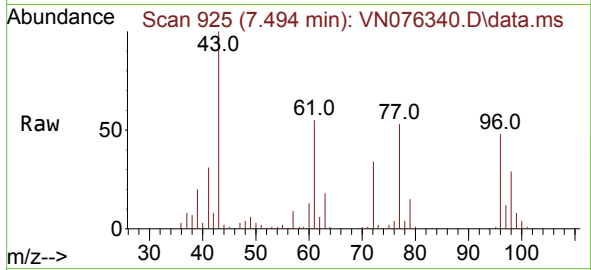
Tgt Ion: 96 Resp: 90751

Ion Ratio Lower Upper

96 100

61 124.8 0.0 259.6

98 63.0 0.0 129.4



#28

Bromochloromethane

Concen: 18.815 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

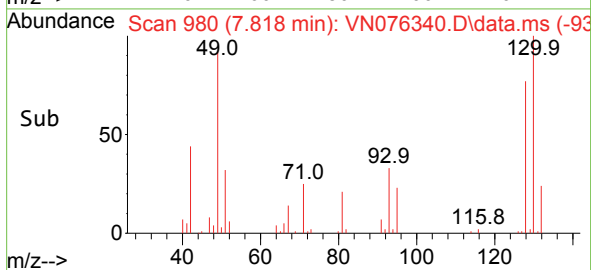
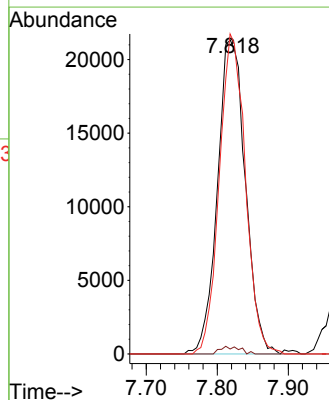
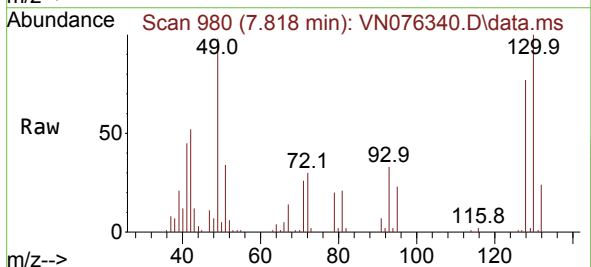
Tgt Ion: 49 Resp: 58134

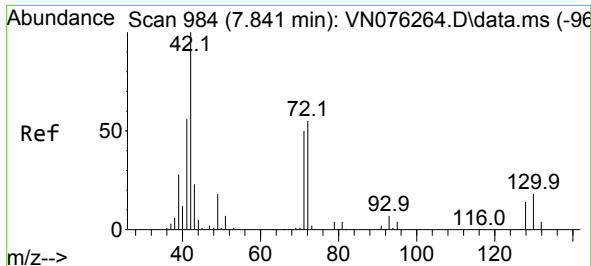
Ion Ratio Lower Upper

49 100

129 1.7 0.0 5.2

130 95.2 76.0 114.0





#29

Tetrahydrofuran

Concen: 87.781 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBS01

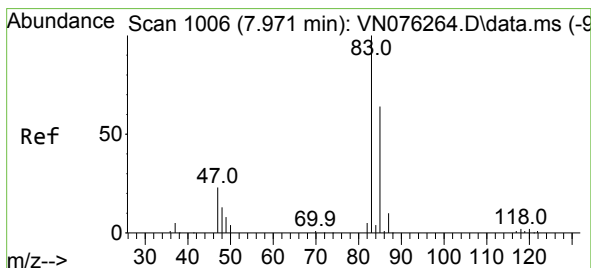
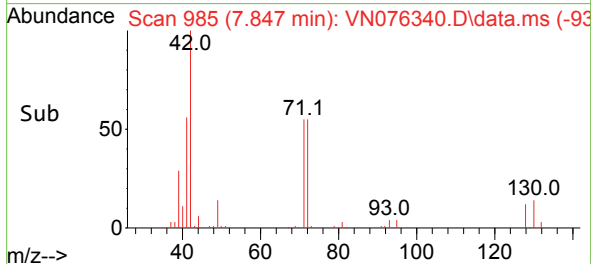
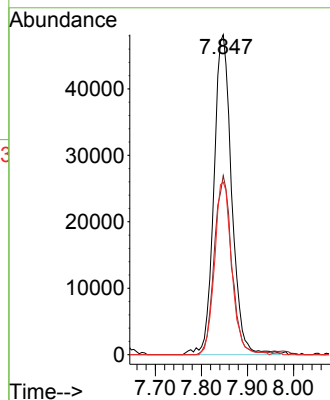
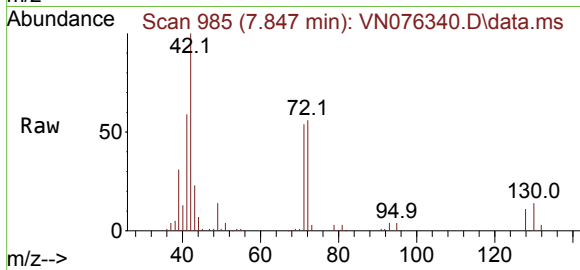
Tgt Ion: 42 Resp: 129034

Ion Ratio Lower Upper

42 100

72 54.7 44.0 66.0

71 52.2 41.1 61.7



#30

Chloroform

Concen: 17.009 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076340.D

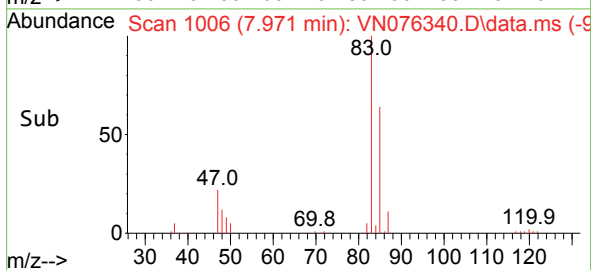
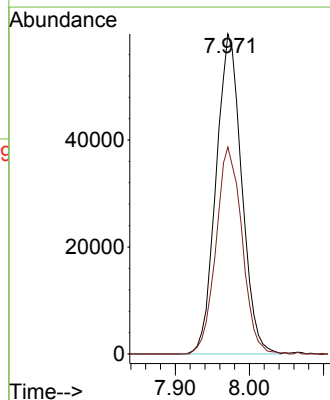
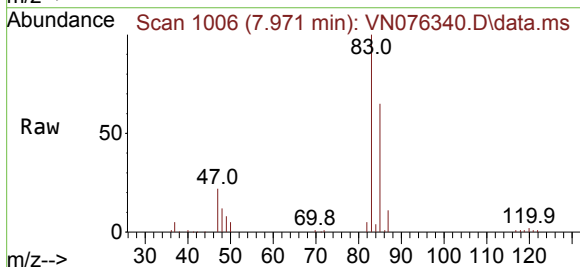
Acq: 20 Jan 2023 11:49

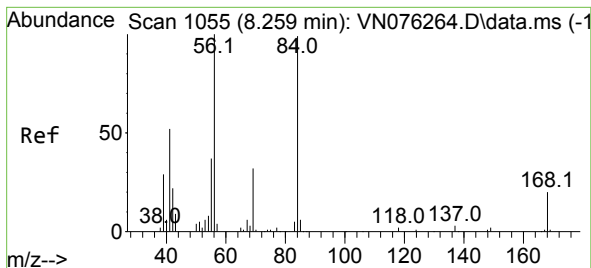
Tgt Ion: 83 Resp: 143467

Ion Ratio Lower Upper

83 100

85 64.6 51.0 76.6





#31

Cyclohexane

Concen: 16.219 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBS01

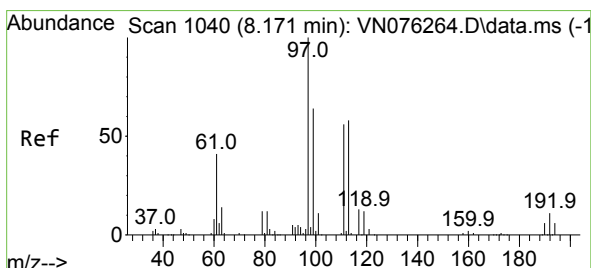
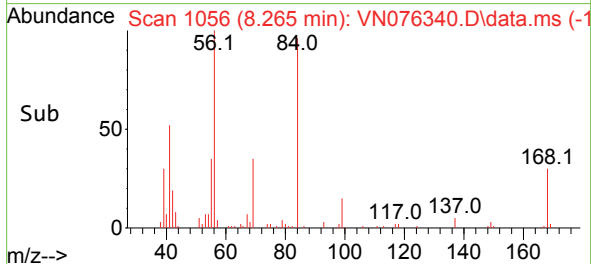
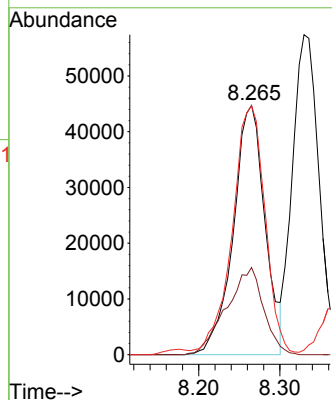
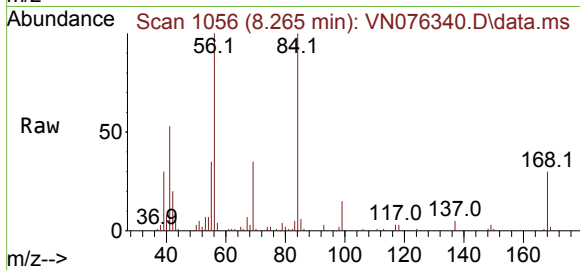
Tgt Ion: 56 Resp: 121204

Ion Ratio Lower Upper

56 100

69 35.0 25.8 38.8

84 97.6 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 17.502 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

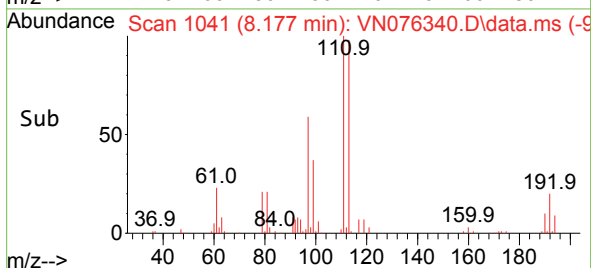
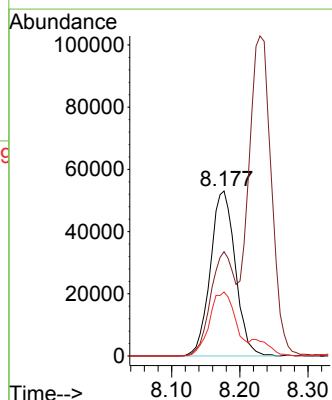
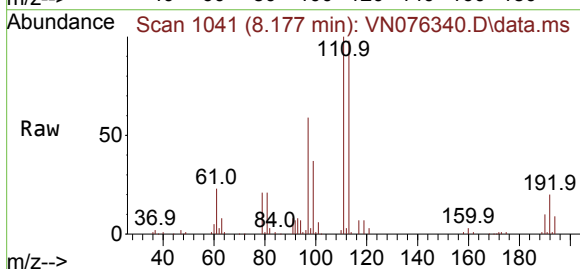
Tgt Ion: 97 Resp: 134781

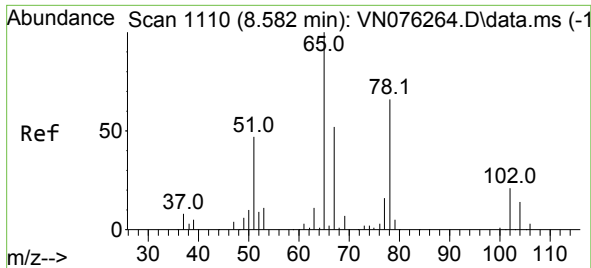
Ion Ratio Lower Upper

97 100

99 59.3 55.0 82.4

61 40.9 36.2 54.4

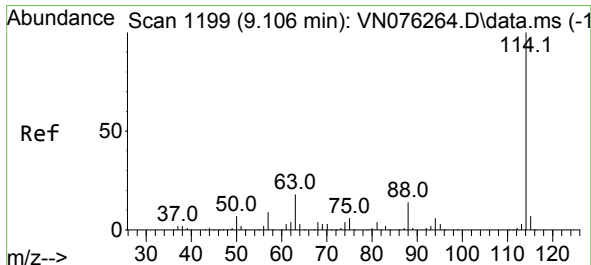
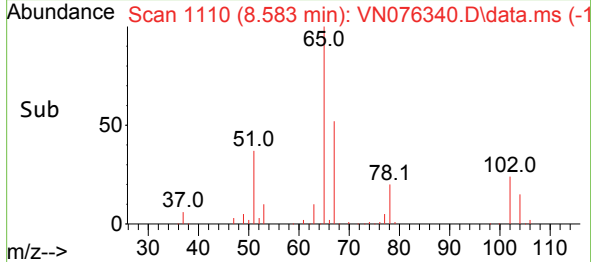
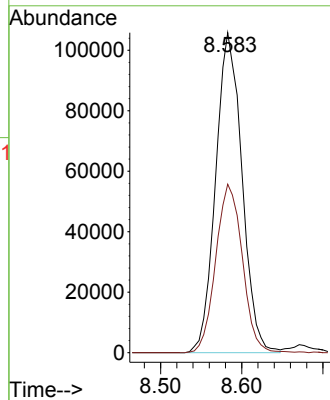
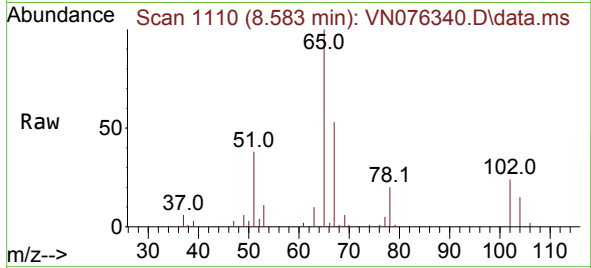




#33
1,2-Dichloroethane-d4
Concen: 49.034 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

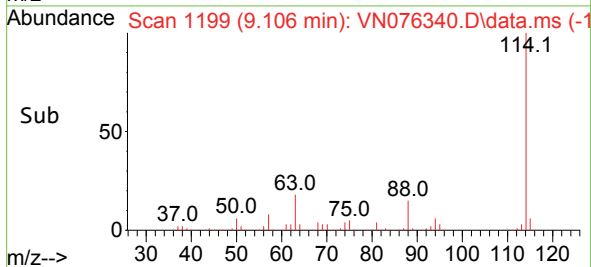
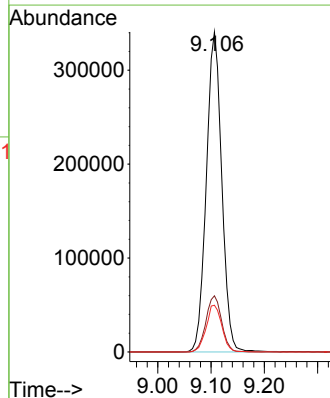
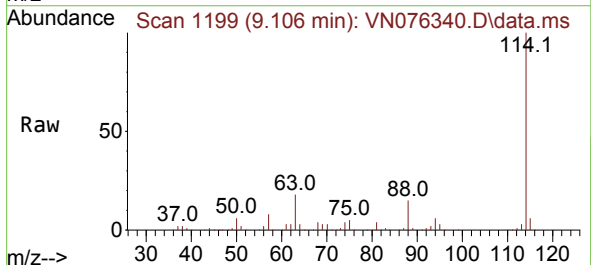
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

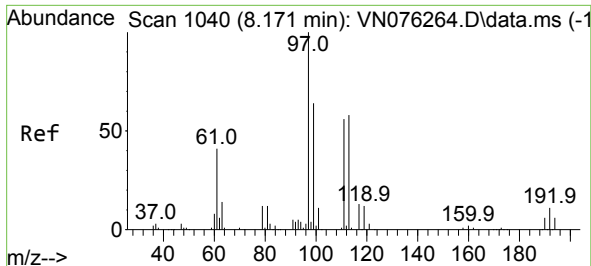
Tgt Ion: 65 Resp: 238528
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 114 Resp: 686884
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.8
88 14.6 0.0 28.0

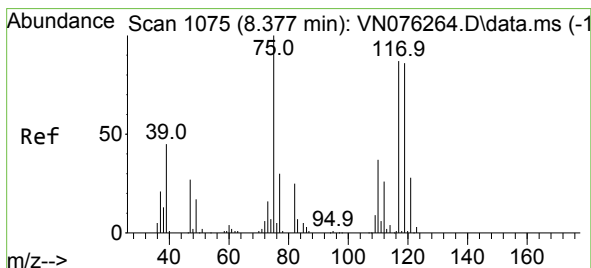
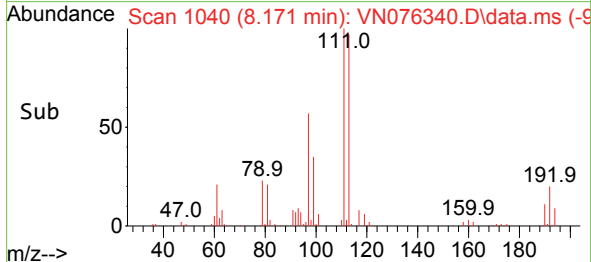
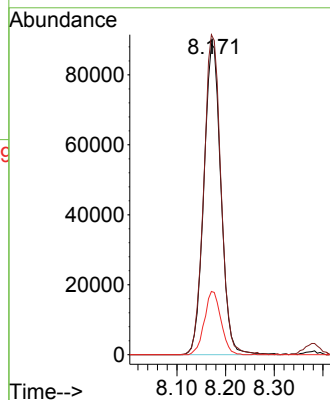
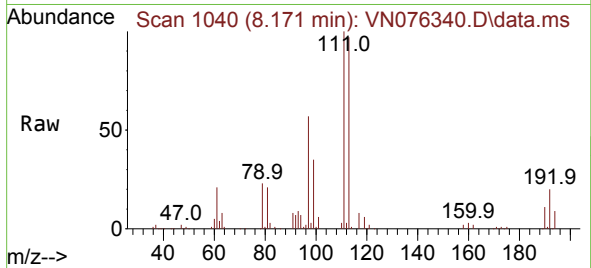




#35
Dibromofluoromethane
Concen: 50.288 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

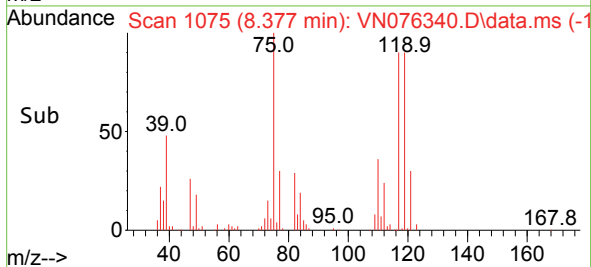
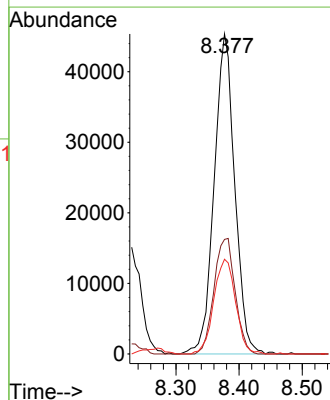
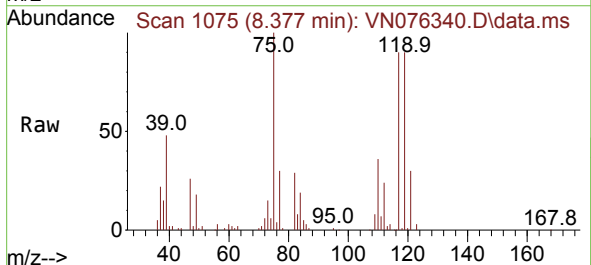
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

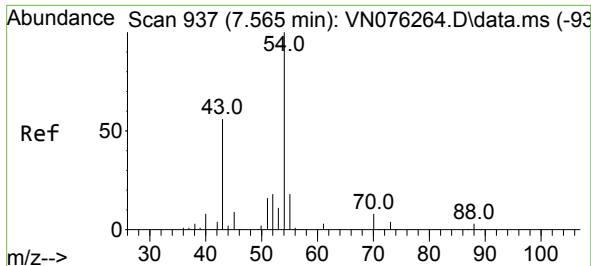
Tgt Ion:113 Resp: 216075
Ion Ratio Lower Upper
113 100
111 103.2 82.7 124.1
192 19.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 16.814 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 75 Resp: 102658
Ion Ratio Lower Upper
75 100
110 37.2 18.8 56.3
77 31.4 25.0 37.4

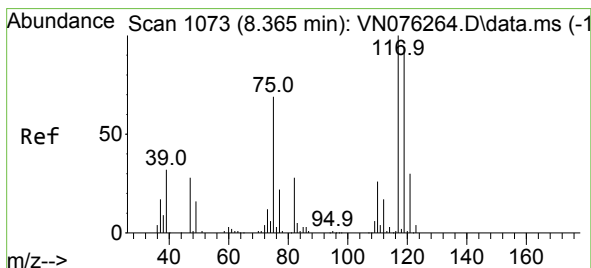
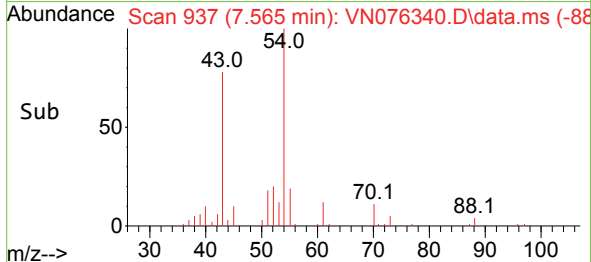
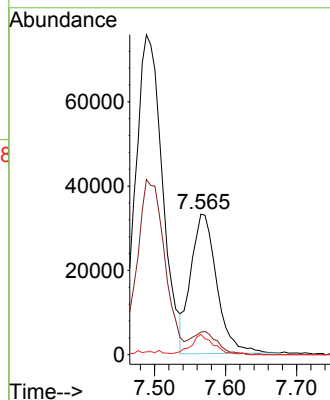
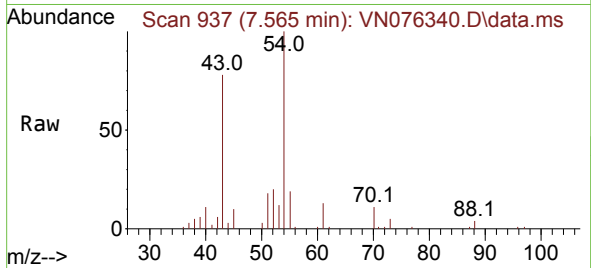




#37
Ethyl Acetate
Concen: 17.250 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

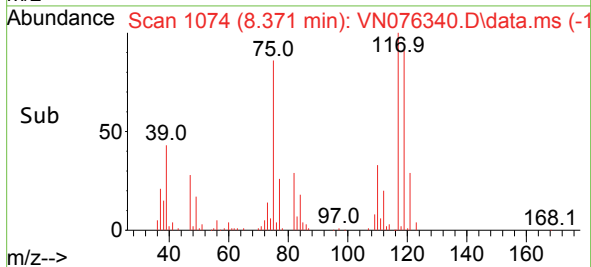
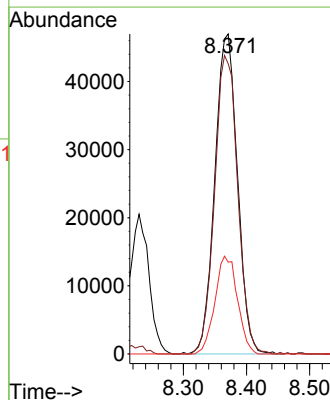
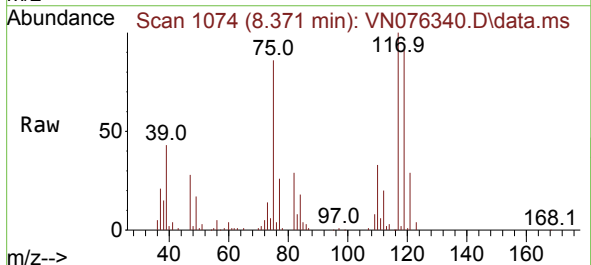
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

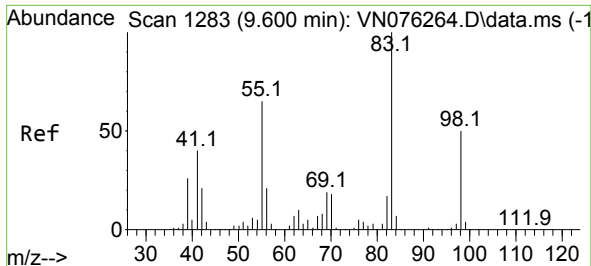
Tgt Ion: 43 Resp: 84360
Ion Ratio Lower Upper
43 100
61 15.4 11.1 16.7
70 12.6 10.0 15.0



#38
Carbon Tetrachloride
Concen: 17.223 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 117 Resp: 117266
Ion Ratio Lower Upper
117 100
119 90.7 75.4 113.0
121 28.7 24.2 36.2





#39

Methylcyclohexane

Concen: 17.564 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBS01

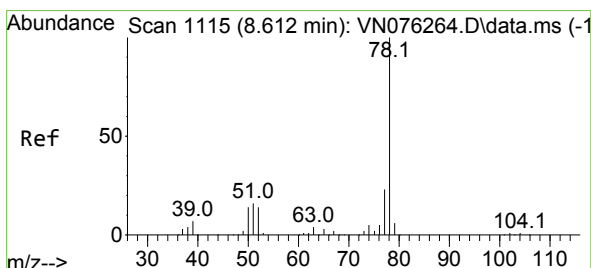
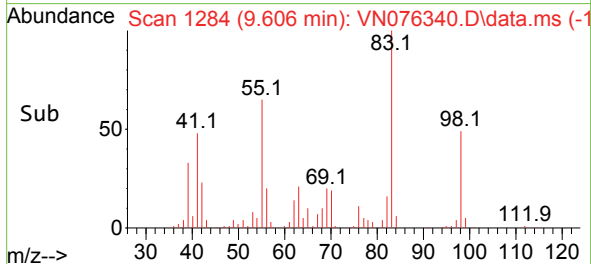
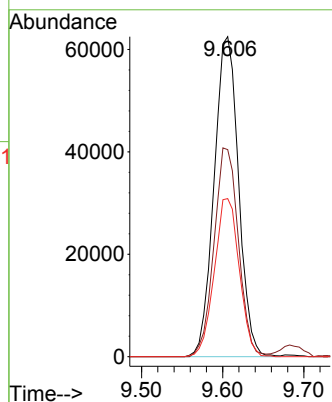
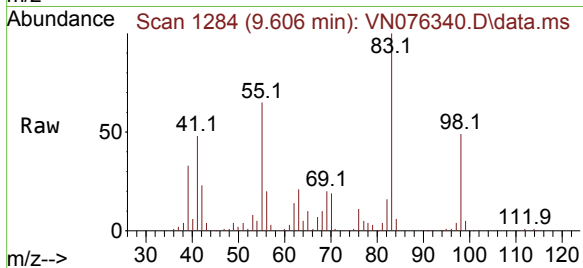
Tgt Ion: 83 Resp: 130958

Ion Ratio Lower Upper

83 100

55 64.7 51.7 77.5

98 49.4 40.0 60.0



#40

Benzene

Concen: 17.215 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076340.D

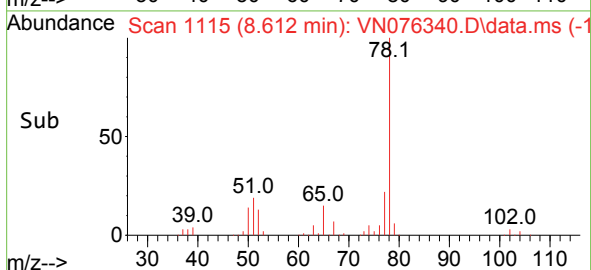
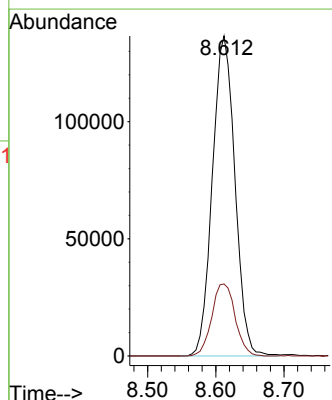
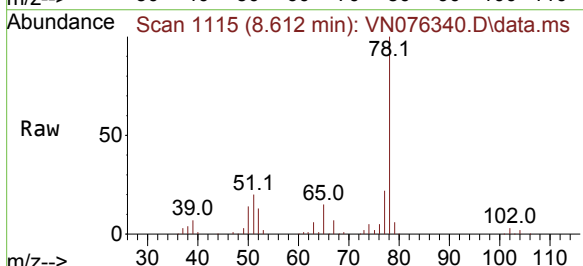
Acq: 20 Jan 2023 11:49

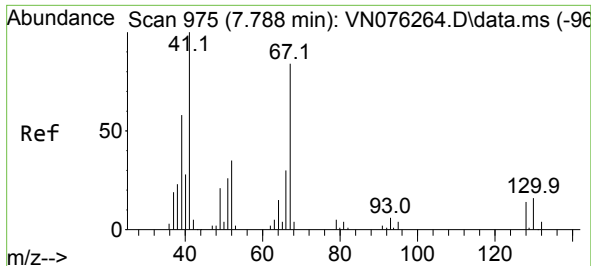
Tgt Ion: 78 Resp: 314284

Ion Ratio Lower Upper

78 100

77 22.5 18.6 28.0

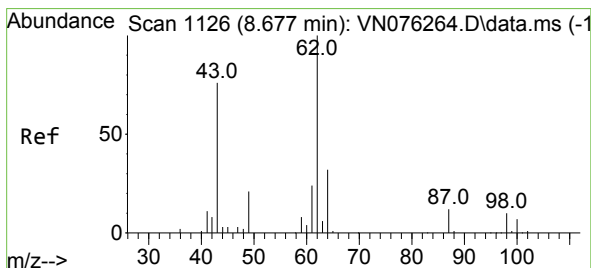
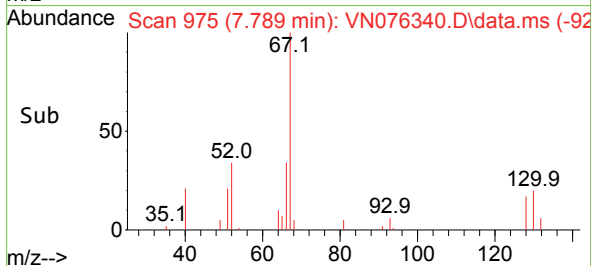
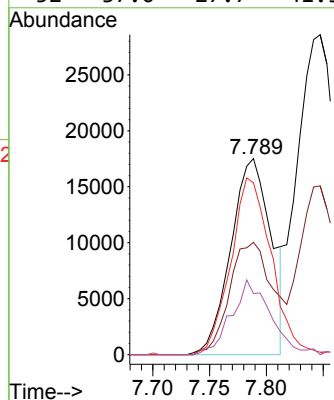
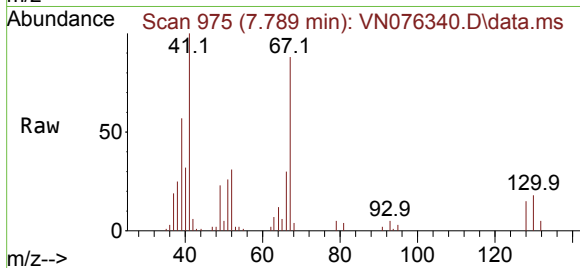




#41
Methacrylonitrile
Concen: 16.946 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

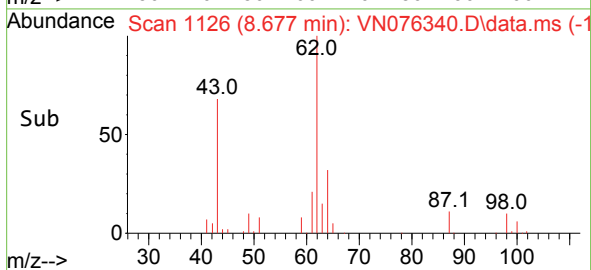
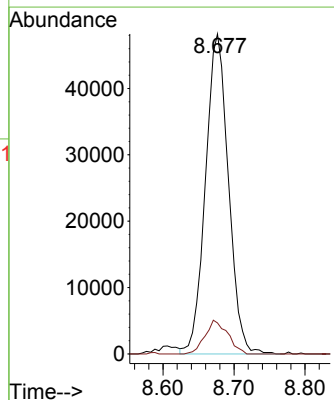
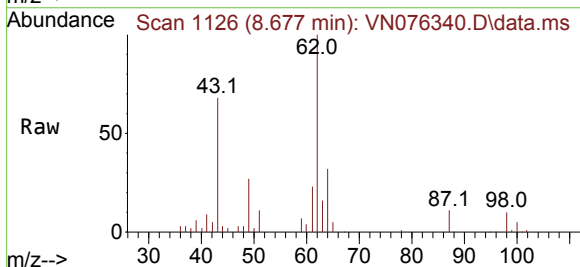
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

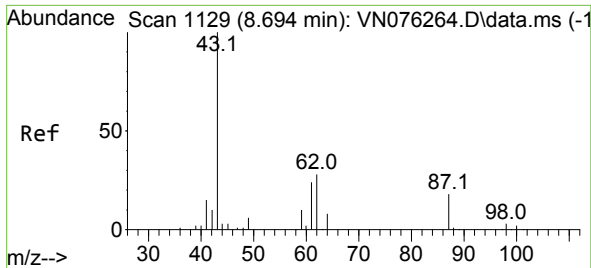
Tgt Ion:	41	Resp:	43452
Ion	Ratio	Lower	Upper
41	100		
39	62.5	42.4	63.6
67	90.4	68.8	103.2
52	37.0	27.7	41.5



#42
1,2-Dichloroethane
Concen: 17.330 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion:	62	Resp:	108252
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4

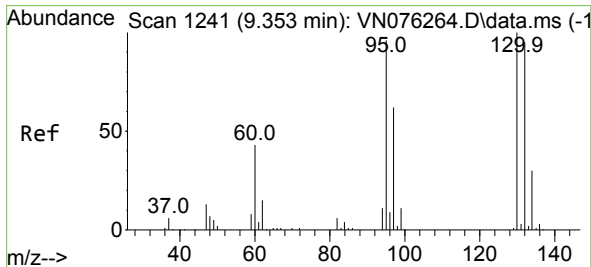
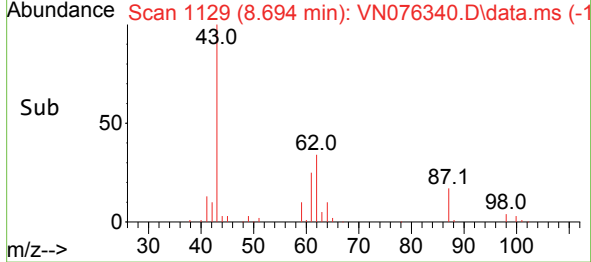
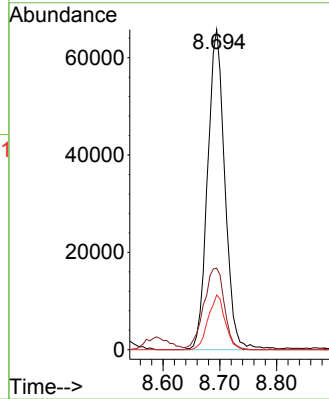
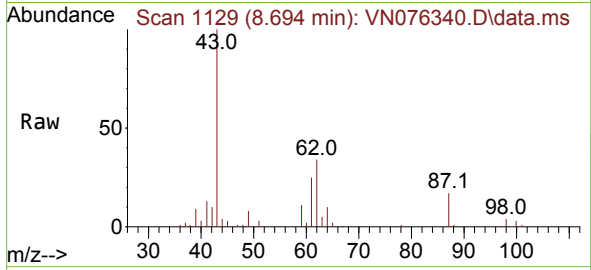




#43
Isopropyl Acetate
Concen: 17.375 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

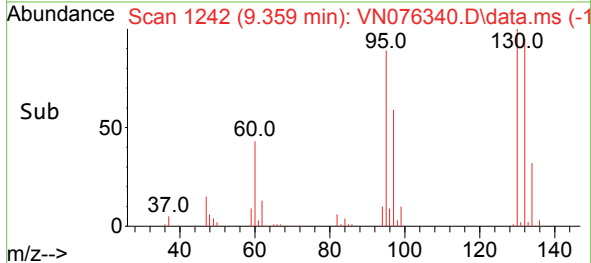
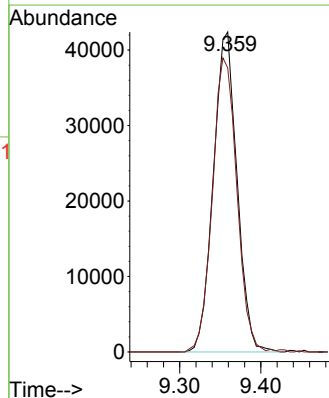
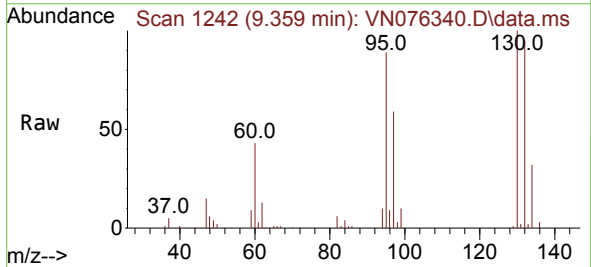
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

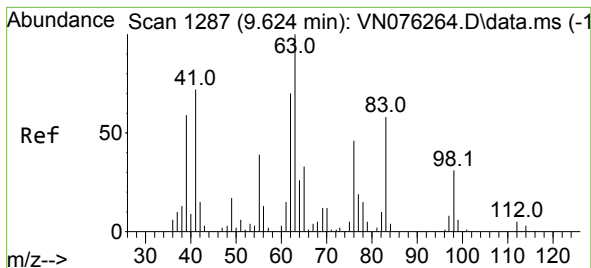
Tgt Ion: 43 Resp: 138424
Ion Ratio Lower Upper
43 100
61 30.4 23.5 35.3
87 16.8 13.8 20.6



#44
Trichloroethene
Concen: 16.656 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion:130 Resp: 86003
Ion Ratio Lower Upper
130 100
95 88.7 0.0 192.0





#45

1,2-Dichloropropane

Concen: 16.973 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

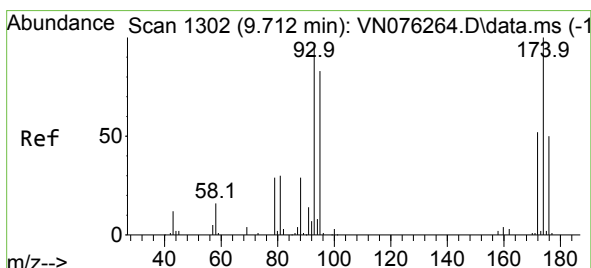
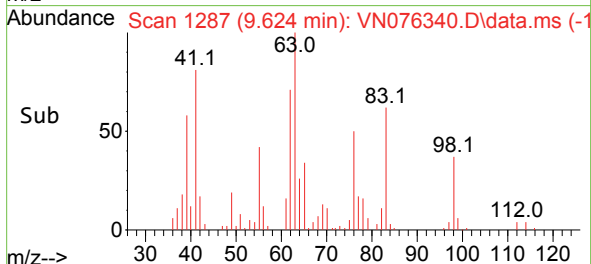
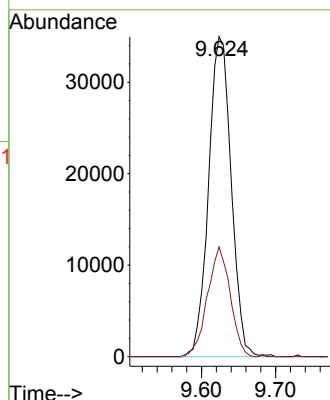
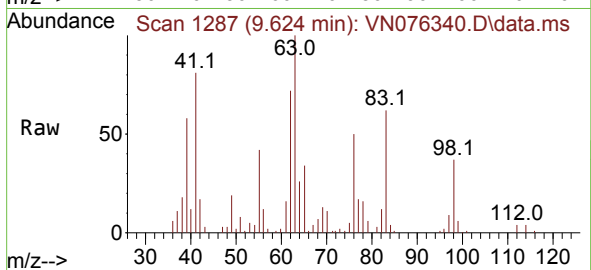
VN0120WBS01

Tgt Ion: 63 Resp: 74191

Ion Ratio Lower Upper

63 100

65 34.3 26.4 39.6



#46

Dibromomethane

Concen: 17.144 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

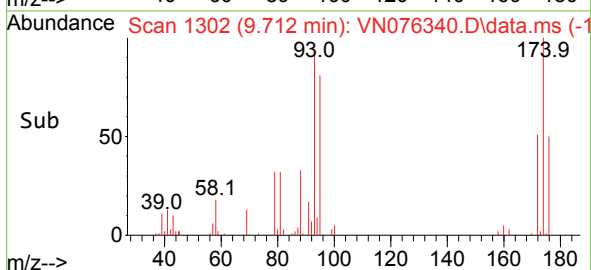
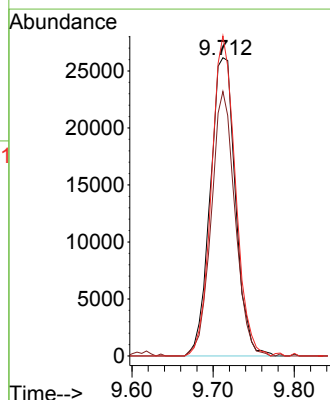
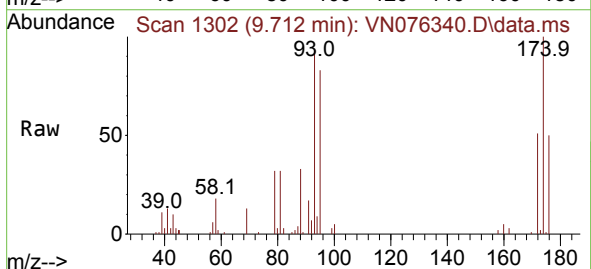
Tgt Ion: 93 Resp: 56579

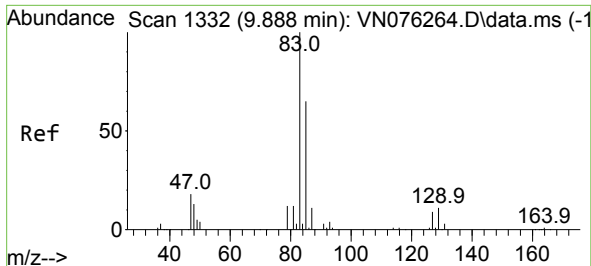
Ion Ratio Lower Upper

93 100

95 83.4 66.0 99.0

174 101.3 81.3 121.9

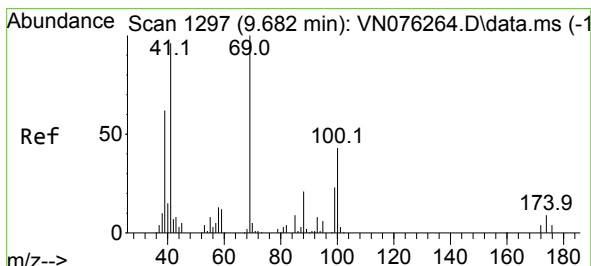
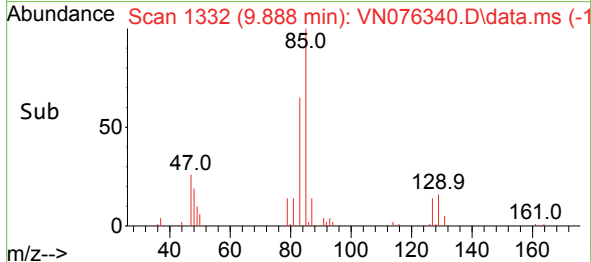
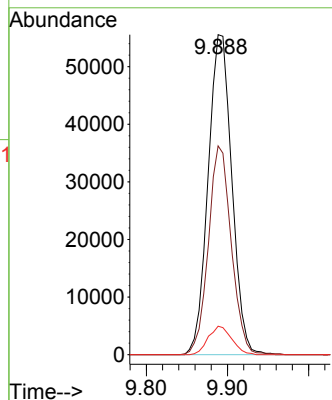
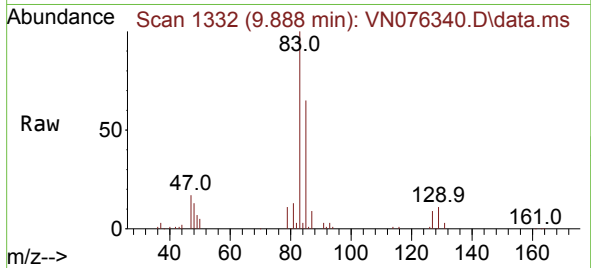




#47
Bromodichloromethane
Concen: 17.642 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

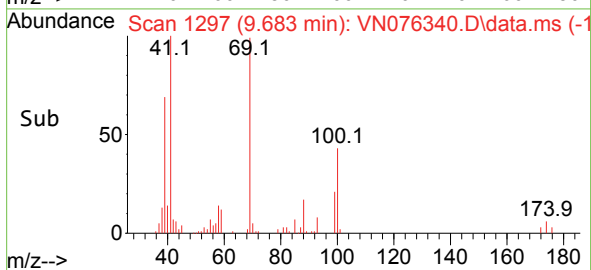
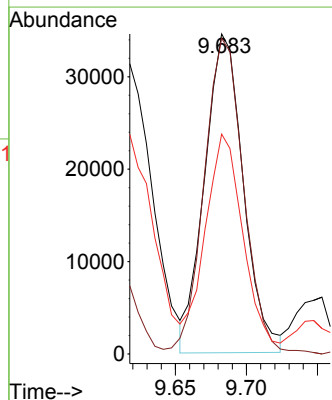
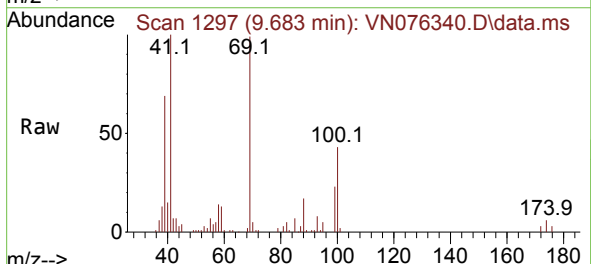
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

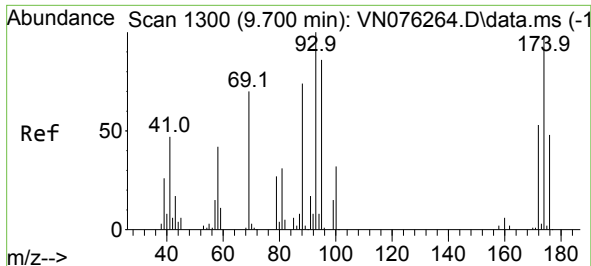
Tgt Ion: 83 Resp: 112922
Ion Ratio Lower Upper
83 100
85 65.3 52.1 78.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 17.324 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.001 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 41 Resp: 65341
Ion Ratio Lower Upper
41 100
69 100.8 80.8 121.2
39 68.9 54.4 81.6





#49

1,4-Dioxane

Concen: 360.339 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBS01

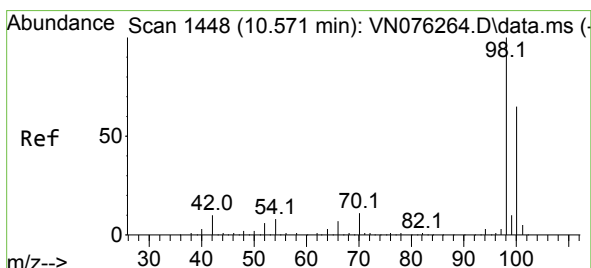
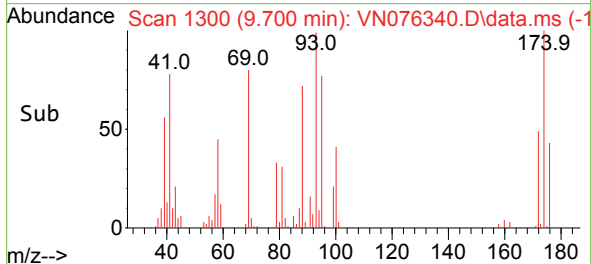
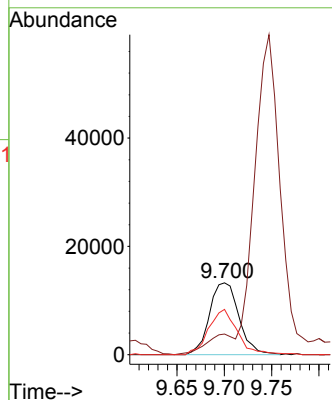
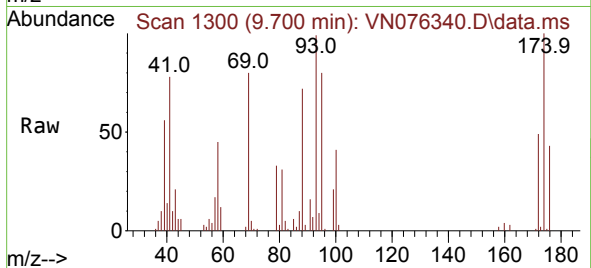
Tgt Ion: 88 Resp: 28677

Ion Ratio Lower Upper

88 100

43 27.8 18.1 27.1#

58 62.1 46.5 69.7



#50

Toluene-d8

Concen: 50.701 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076340.D

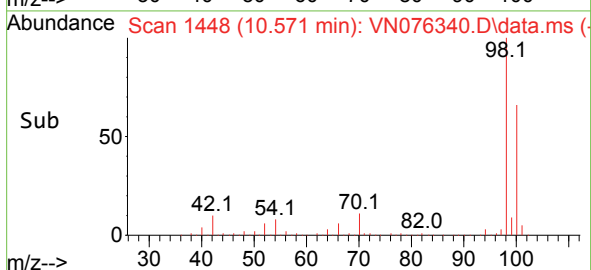
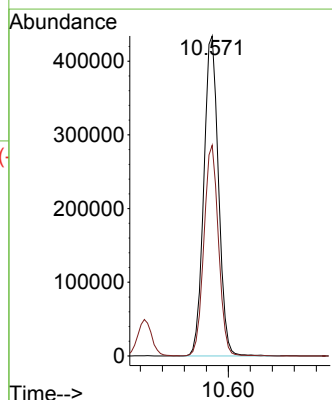
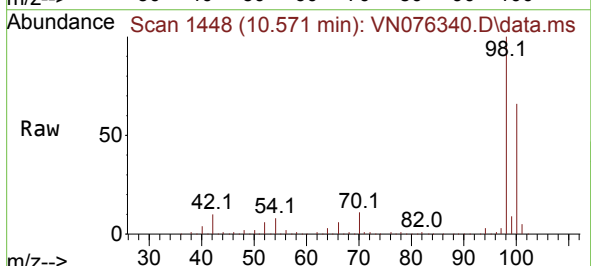
Acq: 20 Jan 2023 11:49

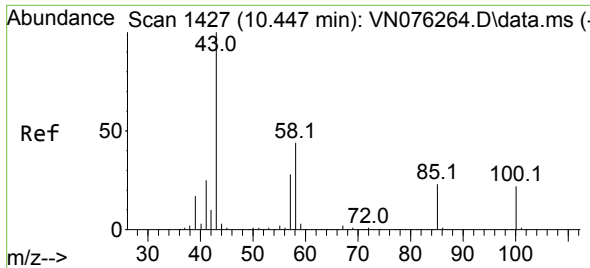
Tgt Ion: 98 Resp: 804547

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4

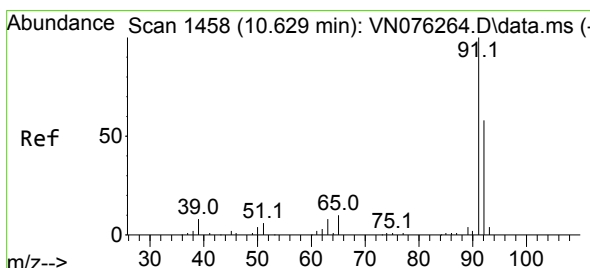
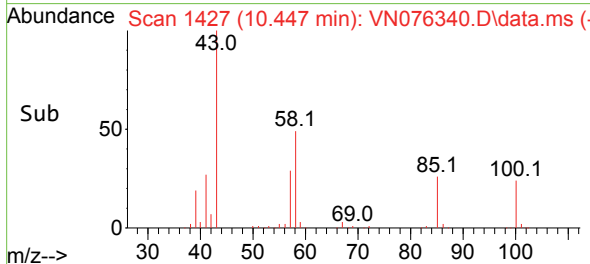
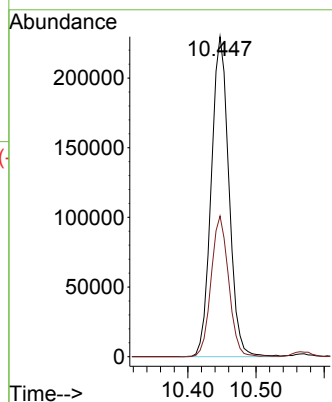
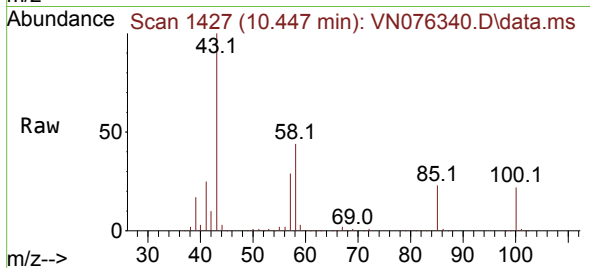




#51
4-Methyl-2-Pentanone
Concen: 88.569 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

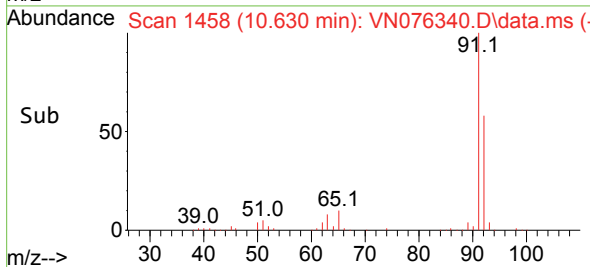
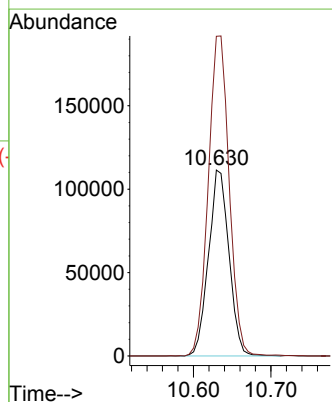
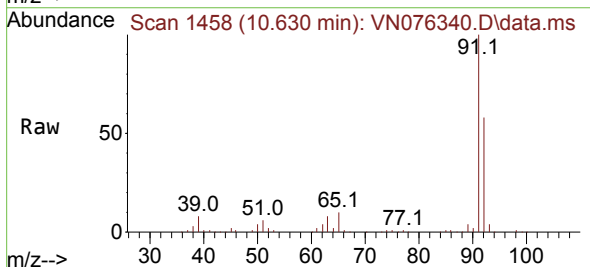
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

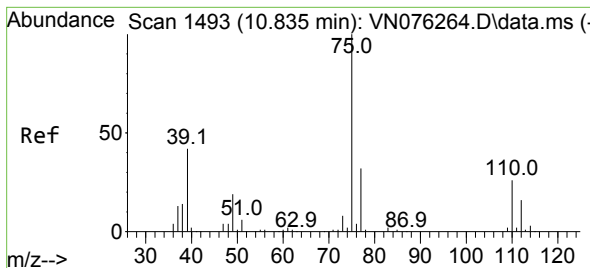
Tgt Ion: 43 Resp: 414223
Ion Ratio Lower Upper
43 100
58 43.7 35.1 52.7



#52
Toluene
Concen: 16.745 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.001 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 92 Resp: 204439
Ion Ratio Lower Upper
92 100
91 176.1 136.6 205.0

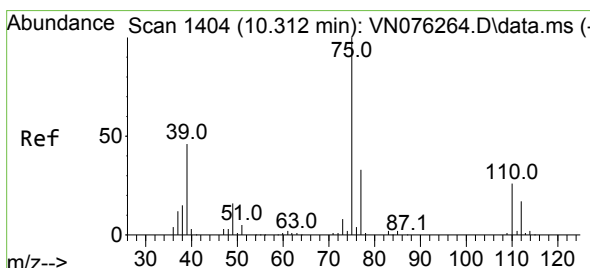
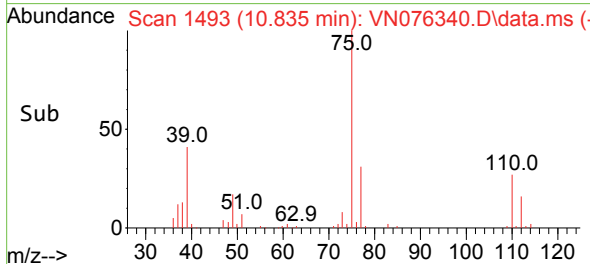
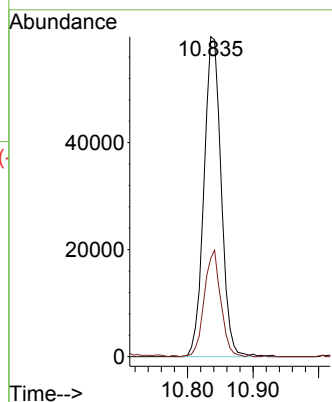
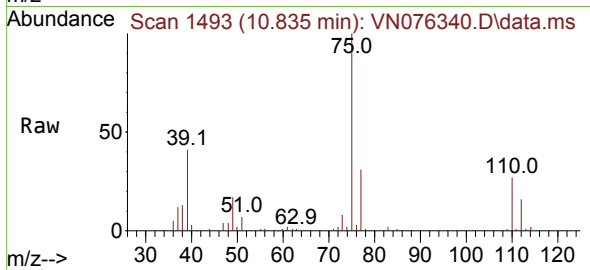




#53
 t-1,3-Dichloropropene
 Concen: 17.939 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076340.D
 Acq: 20 Jan 2023 11:49

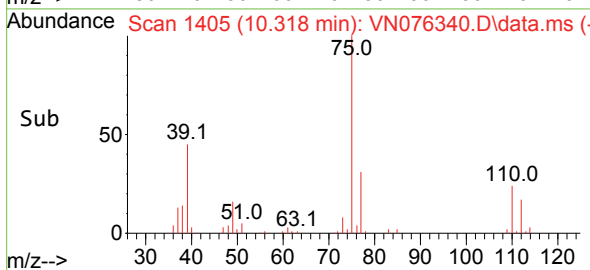
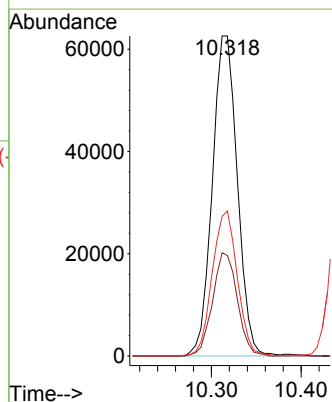
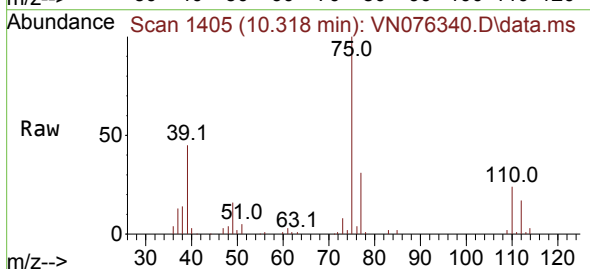
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBS01

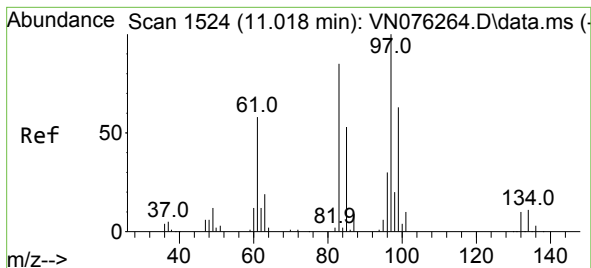
Tgt Ion: 75 Resp: 109459
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 17.254 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076340.D
 Acq: 20 Jan 2023 11:49

Tgt Ion: 75 Resp: 121122
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.5 39.7
 39 45.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 17.514 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBS01

Tgt Ion: 97 Resp: 81734

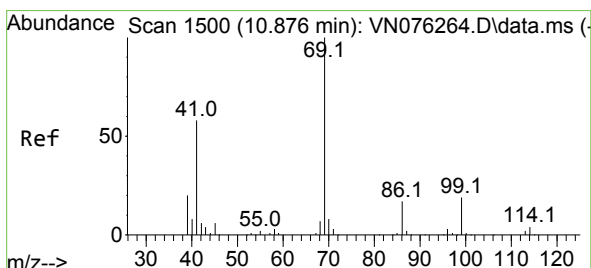
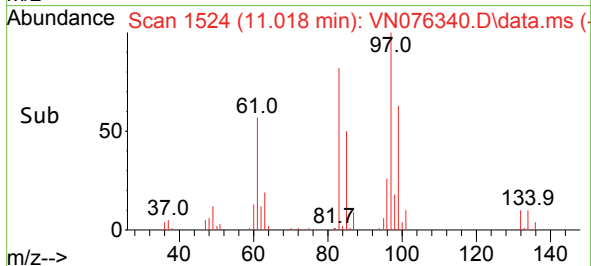
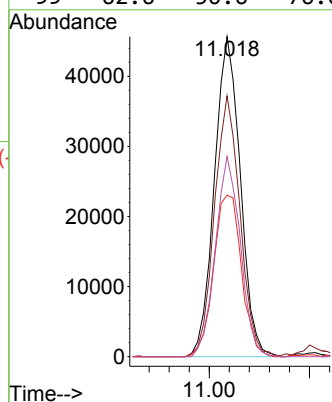
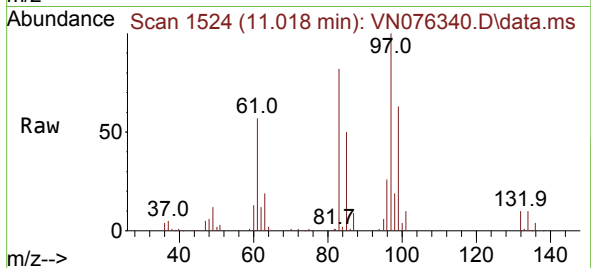
Ion Ratio Lower Upper

97 100

83 81.5 67.8 101.6

85 50.5 42.3 63.5

99 62.6 50.6 76.0



#56

Ethyl methacrylate

Concen: 18.568 ug/l

RT: 10.877 min Scan# 1500

Delta R.T. 0.001 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

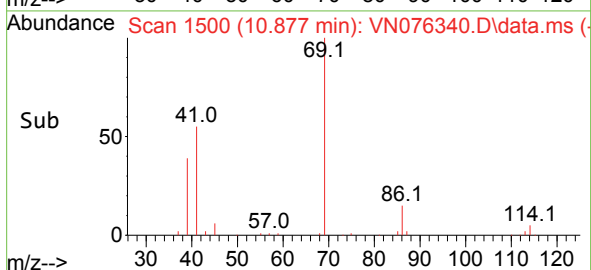
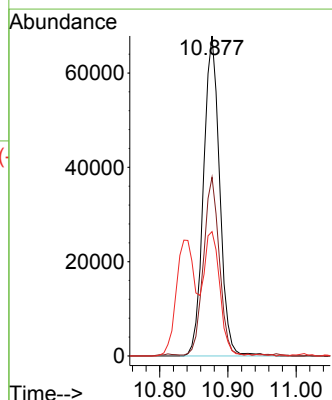
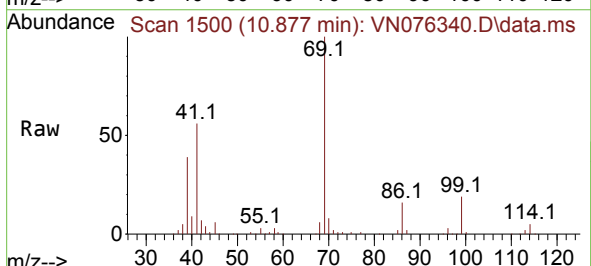
Tgt Ion: 69 Resp: 111865

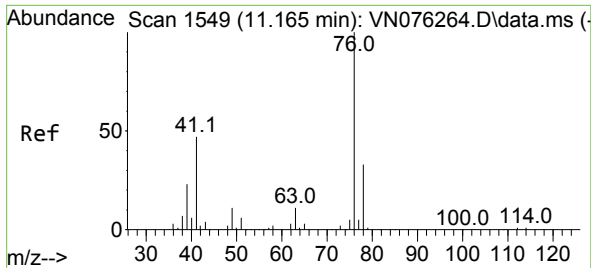
Ion Ratio Lower Upper

69 100

41 54.2 45.3 67.9

39 36.6 29.3 43.9

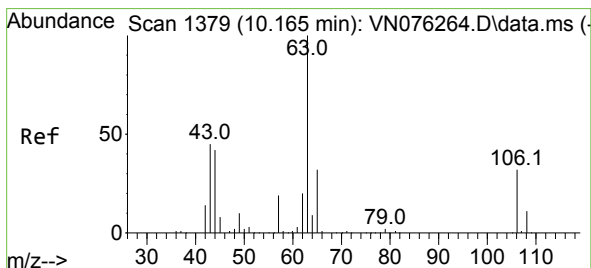
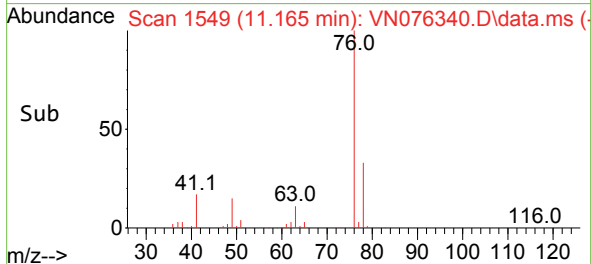
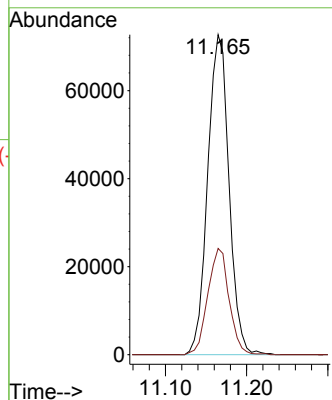
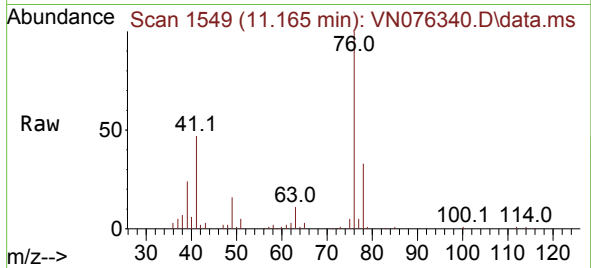




#57
1,3-Dichloropropane
Concen: 17.420 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

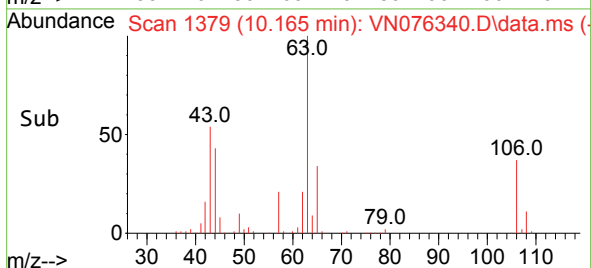
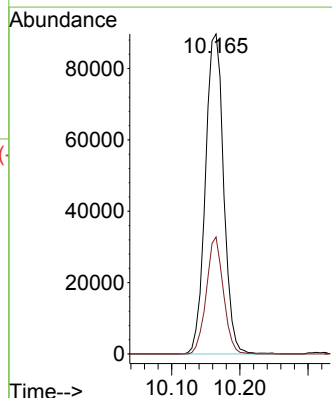
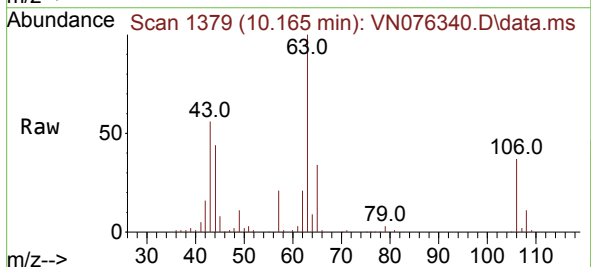
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

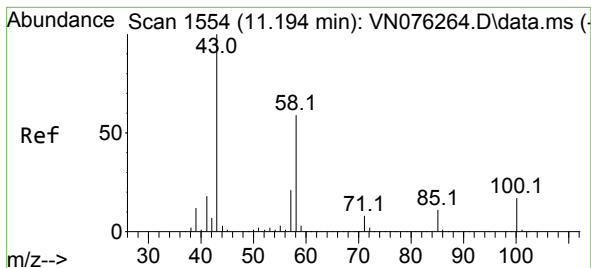
Tgt Ion: 76 Resp: 132110
Ion Ratio Lower Upper
76 100
78 33.3 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 81.982 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 63 Resp: 166745
Ion Ratio Lower Upper
63 100
106 34.1 26.2 39.2





#59

2-Hexanone

Concen: 88.255 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

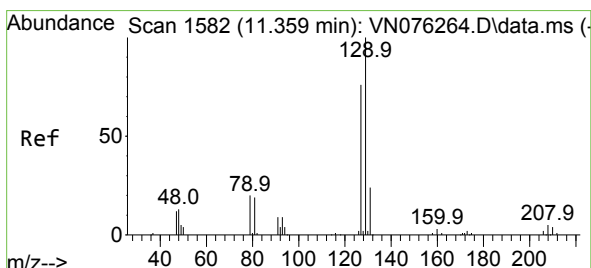
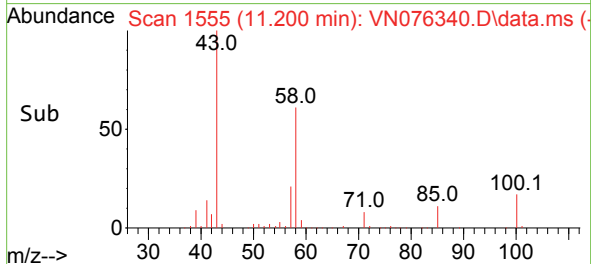
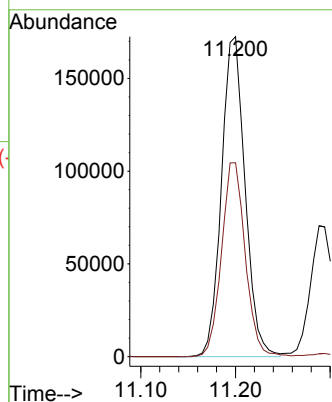
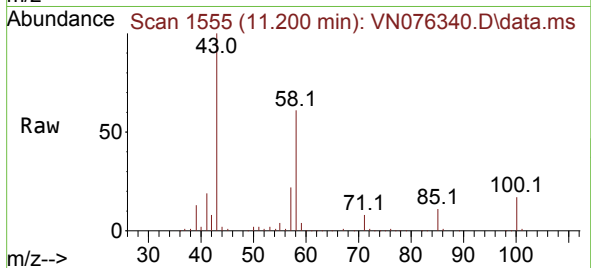
VN0120WBS01

Tgt Ion: 43 Resp: 299104

Ion Ratio Lower Upper

43 100

58 61.0 30.1 90.3



#60

Dibromochloromethane

Concen: 18.005 ug/l

RT: 11.359 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VN076340.D

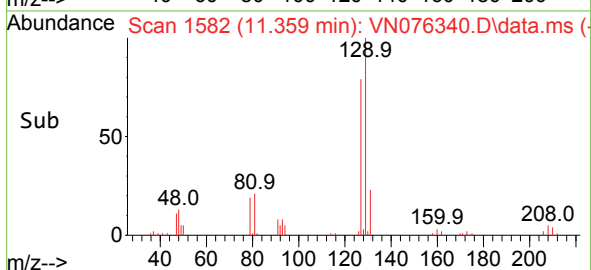
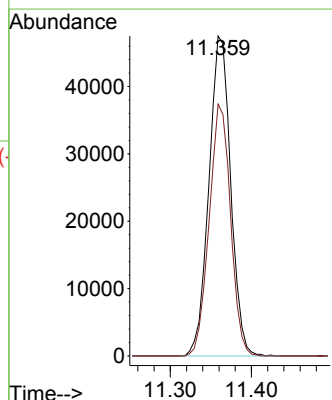
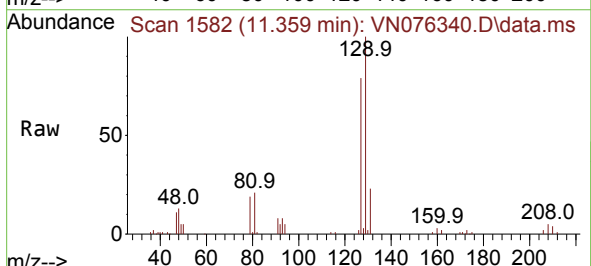
Acq: 20 Jan 2023 11:49

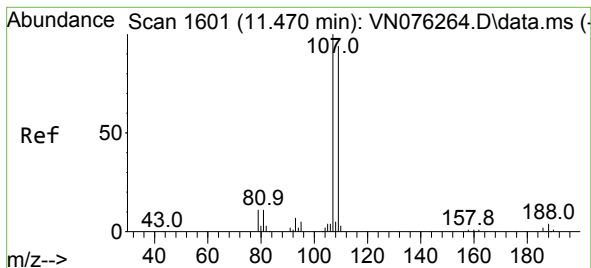
Tgt Ion: 129 Resp: 88450

Ion Ratio Lower Upper

129 100

127 77.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 17.823 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

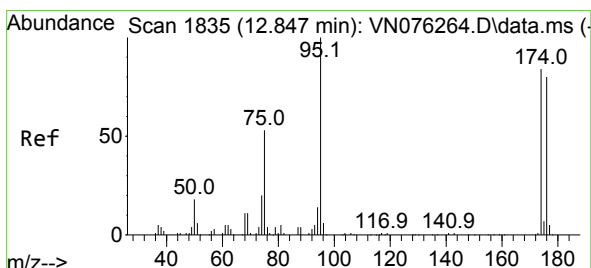
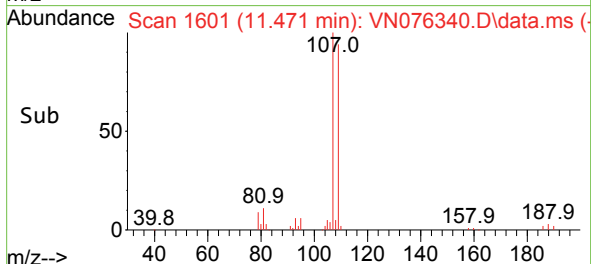
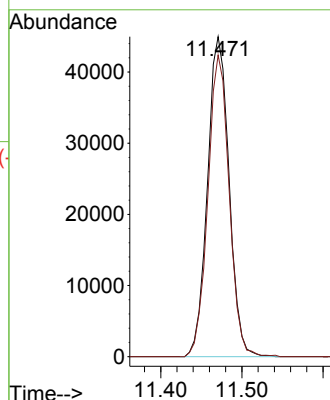
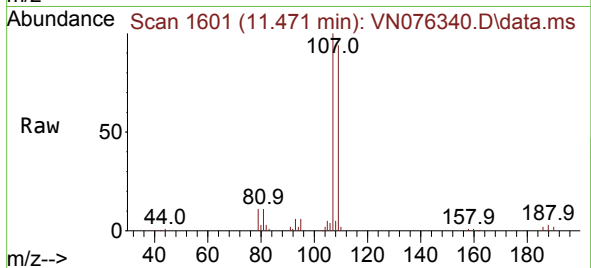
VN0120WBS01

Tgt Ion:107 Resp: 83019

Ion Ratio Lower Upper

107 100

109 93.0 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 50.914 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

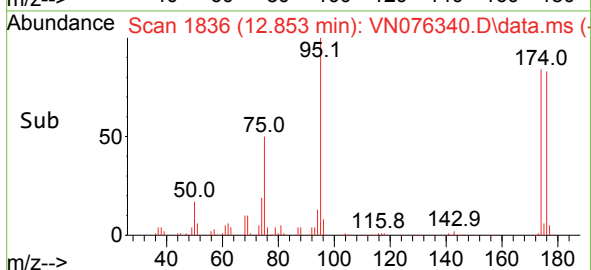
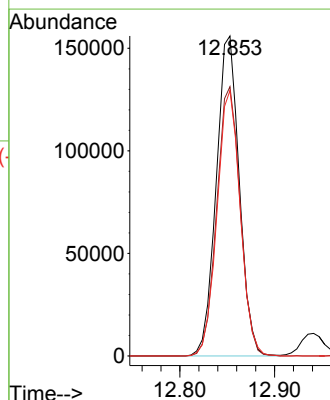
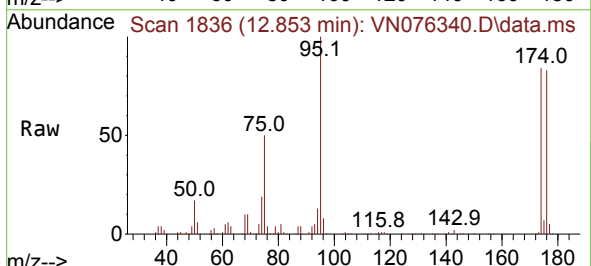
Tgt Ion: 95 Resp: 263748

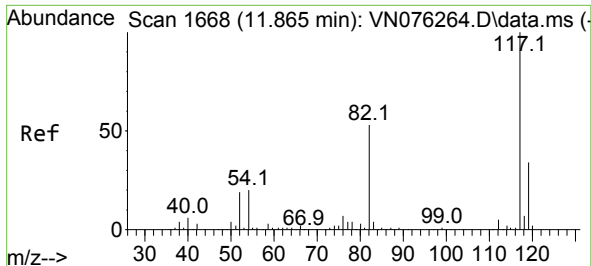
Ion Ratio Lower Upper

95 100

174 85.5 0.0 174.6

176 83.4 0.0 167.8

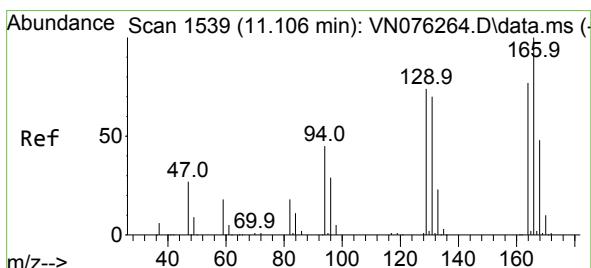
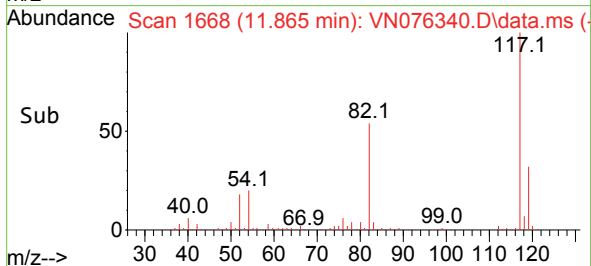
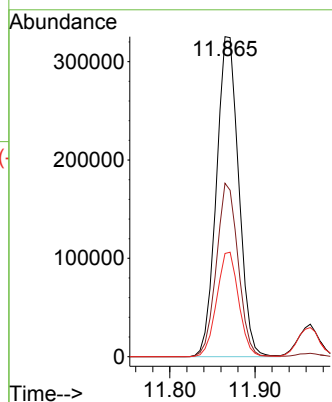
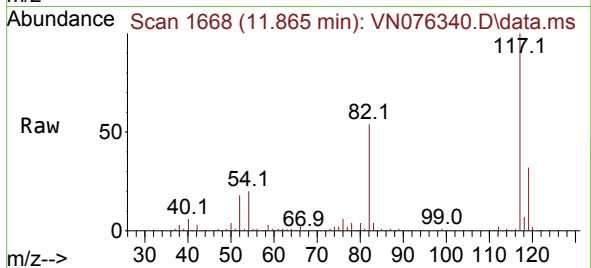




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

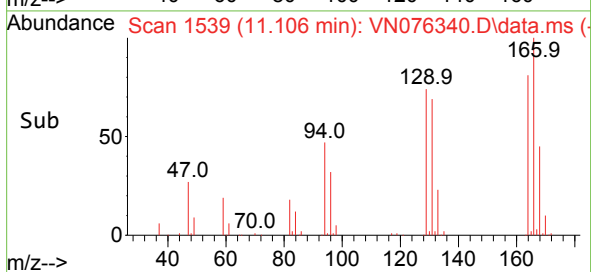
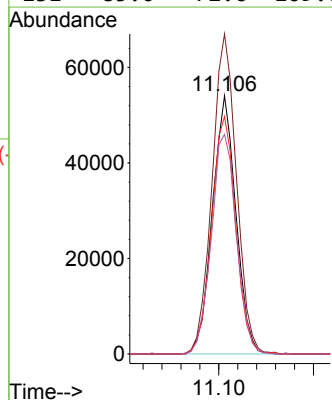
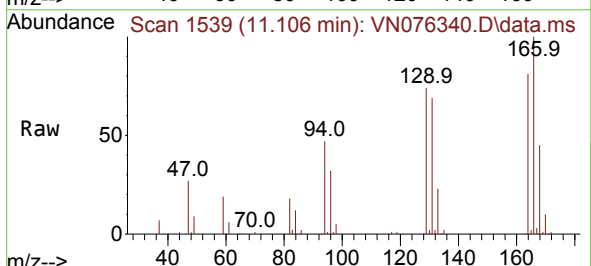
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

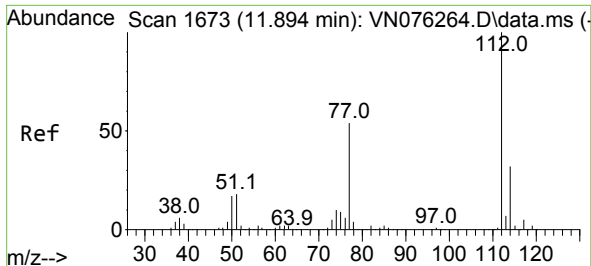
Tgt Ion:117 Resp: 590812
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.2
119 32.3 26.9 40.3



#64
Tetrachloroethene
Concen: 17.603 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion:164 Resp: 93789
Ion Ratio Lower Upper
164 100
166 123.9 104.0 156.0
129 91.9 76.6 114.8
131 85.0 72.6 109.0

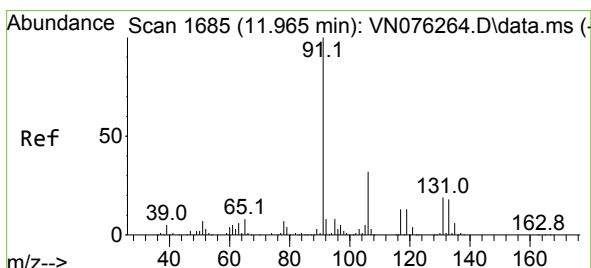
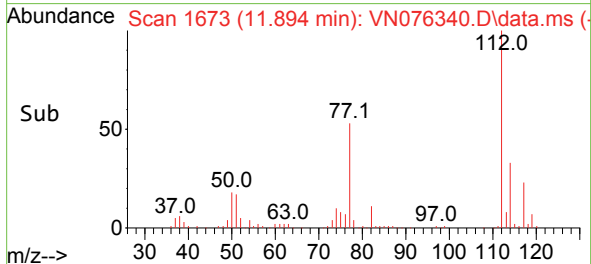
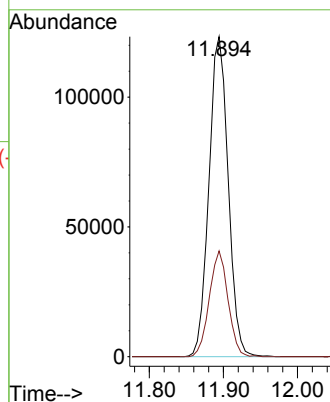
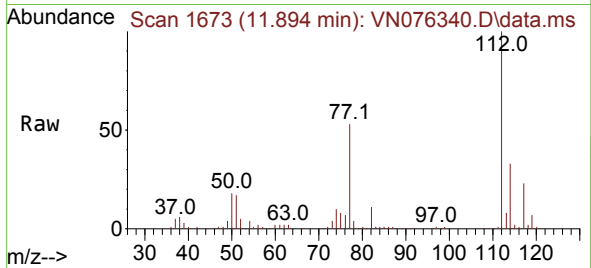




#65
Chlorobenzene
Concen: 17.822 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

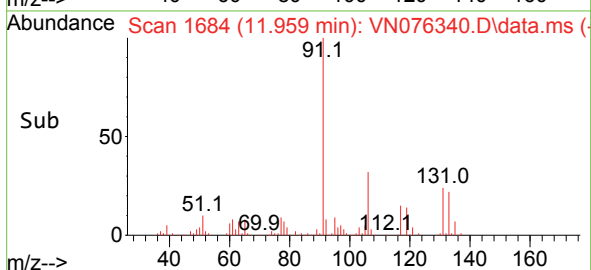
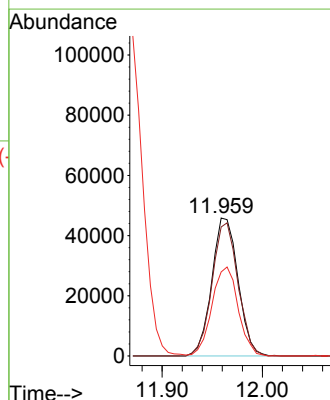
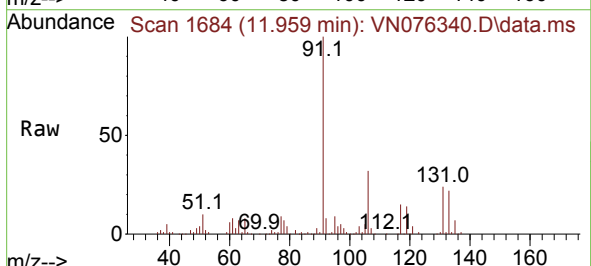
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

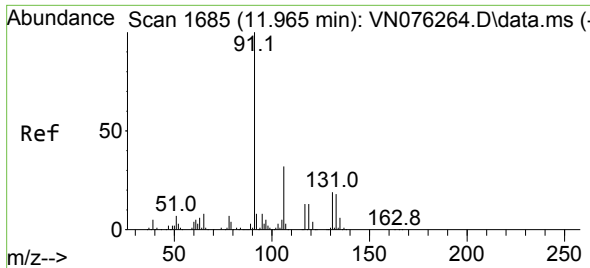
Tgt Ion:112 Resp: 222573
Ion Ratio Lower Upper
112 100
114 33.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 17.946 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion:131 Resp: 83390
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 64.6 32.3 96.8

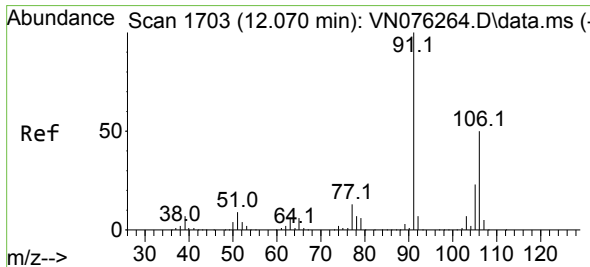
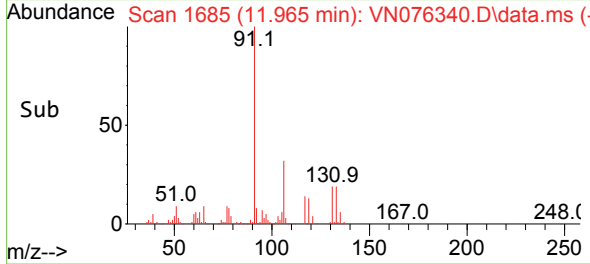
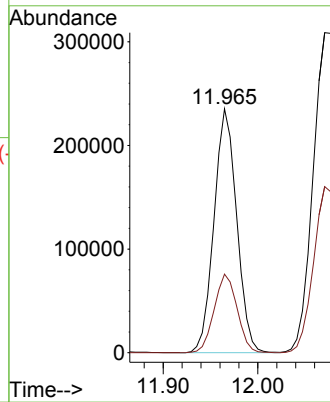
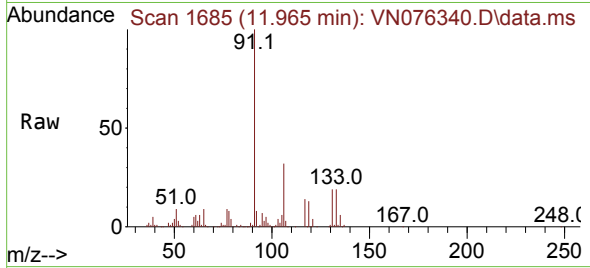




#67
Ethyl Benzene
Concen: 18.330 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

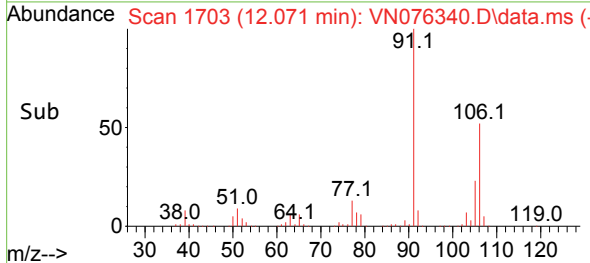
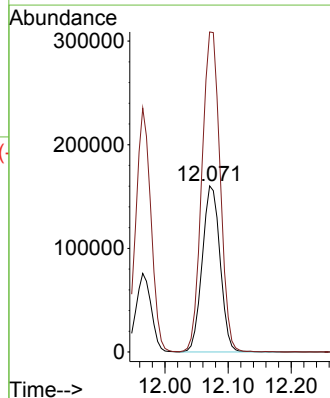
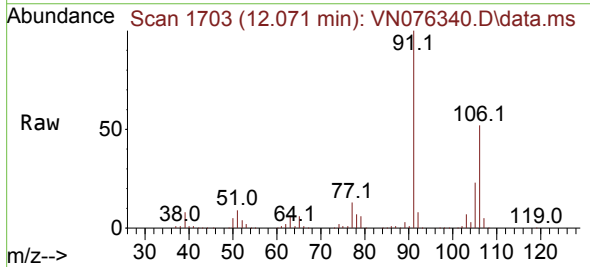
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

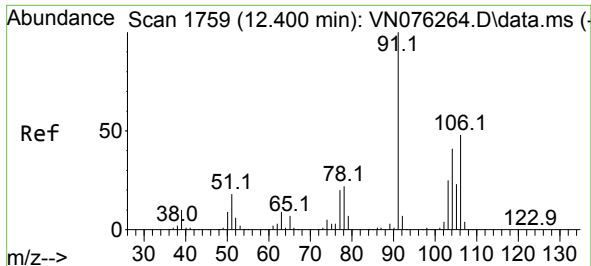
Tgt Ion: 91 Resp: 391804
Ion Ratio Lower Upper
91 100
106 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 36.792 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 106 Resp: 315338
Ion Ratio Lower Upper
106 100
91 195.9 157.5 236.3

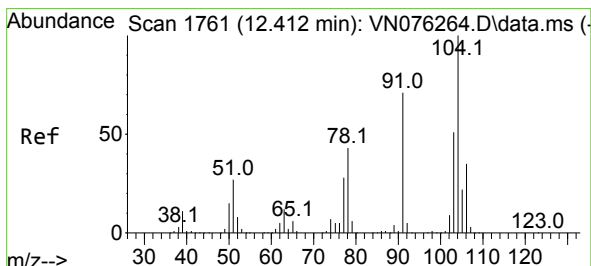
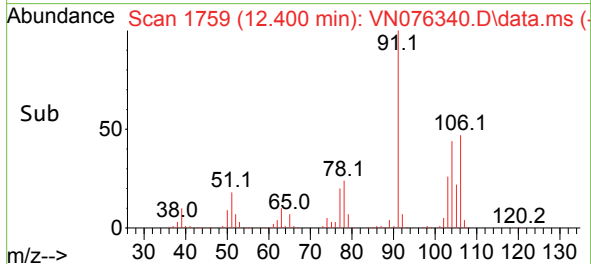
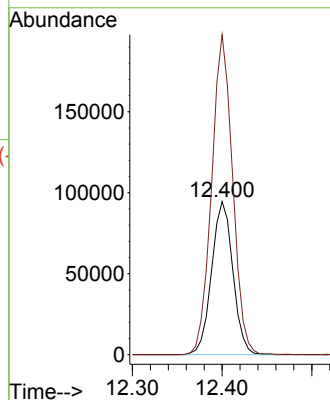
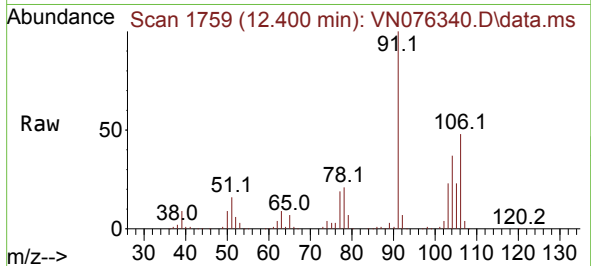




#69
o-Xylene
Concen: 18.480 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

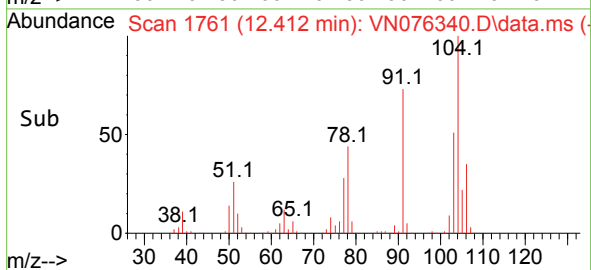
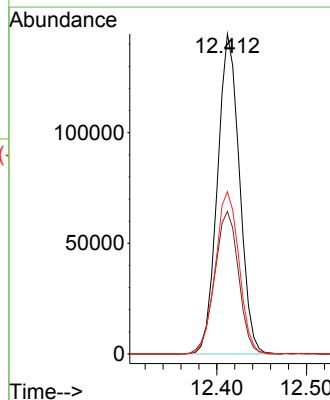
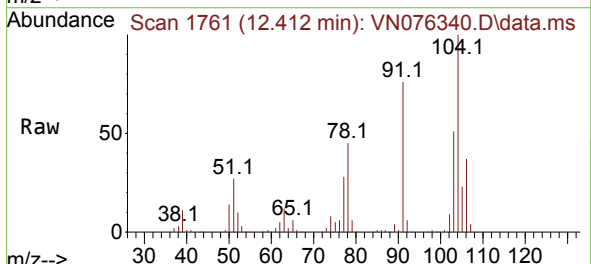
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

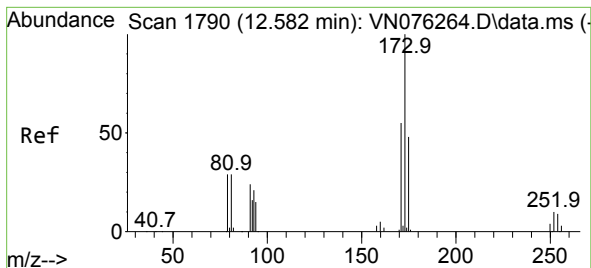
Tgt Ion:106 Resp: 155543
Ion Ratio Lower Upper
106 100
91 206.7 103.2 309.4



#70
Styrene
Concen: 18.306 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion:104 Resp: 246019
Ion Ratio Lower Upper
104 100
78 48.6 37.4 56.0
103 54.6 44.2 66.2





#71

Bromoform

Concen: 18.108 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBS01

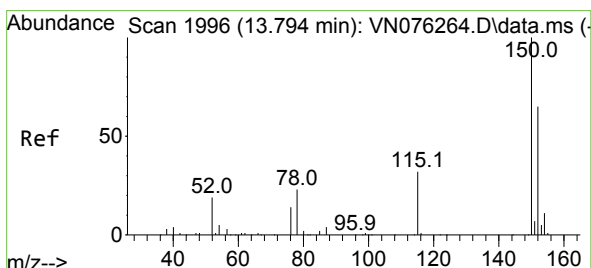
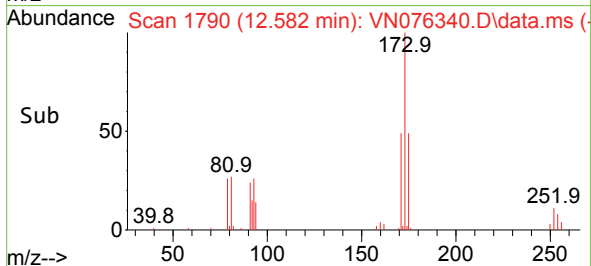
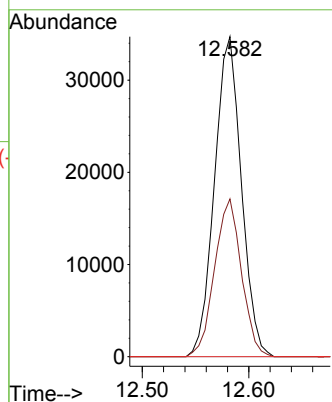
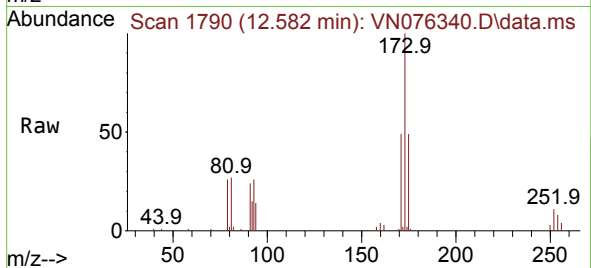
Tgt Ion:173 Resp: 60767

Ion Ratio Lower Upper

173 100

175 49.3 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: VN076340.D

Acq: 20 Jan 2023 11:49

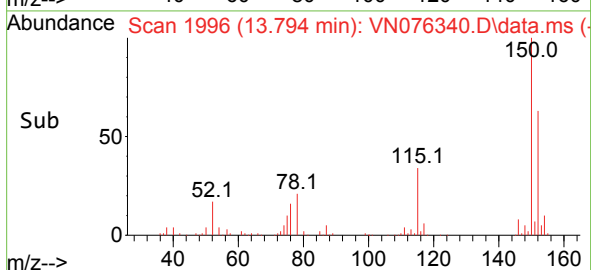
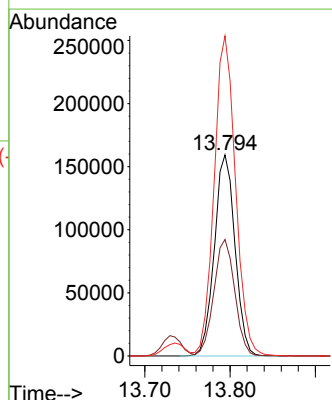
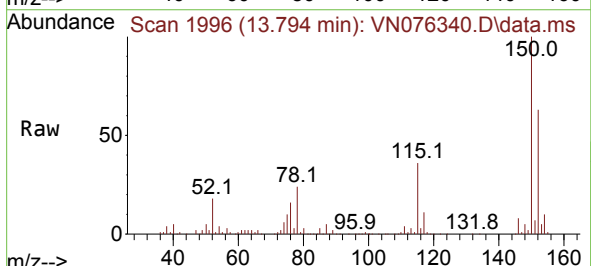
Tgt Ion:152 Resp: 268276

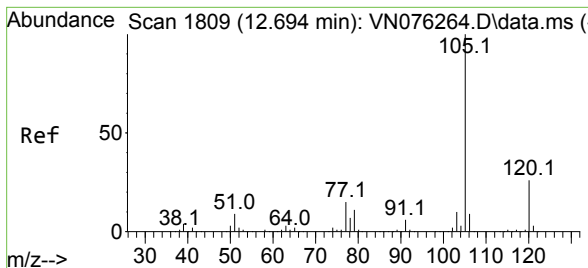
Ion Ratio Lower Upper

152 100

115 58.6 29.6 88.9

150 164.9 0.0 351.4





#73

Isopropylbenzene

Concen: 19.402 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

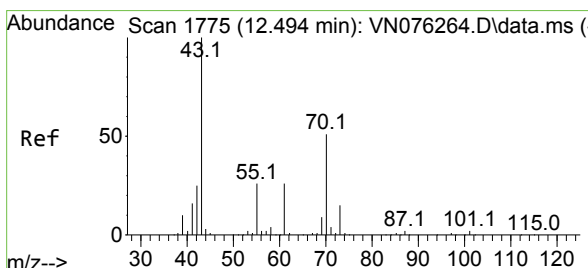
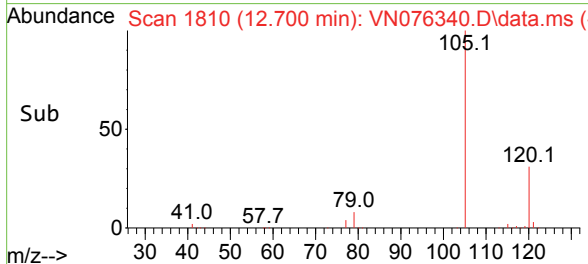
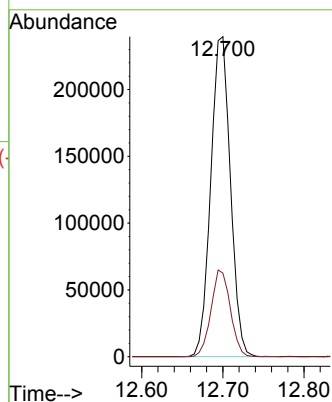
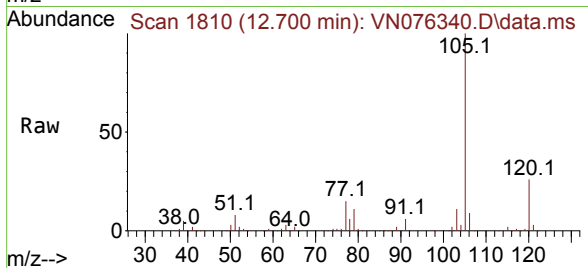
VN0120WBS01

Tgt Ion:105 Resp: 402670

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 18.759 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Tgt Ion: 43 Resp: 111988

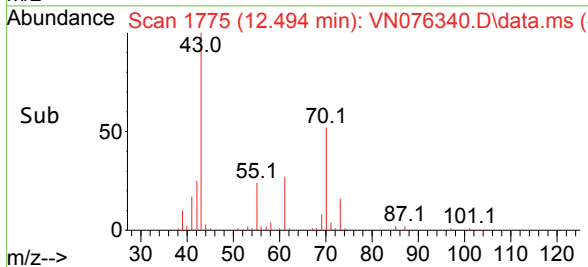
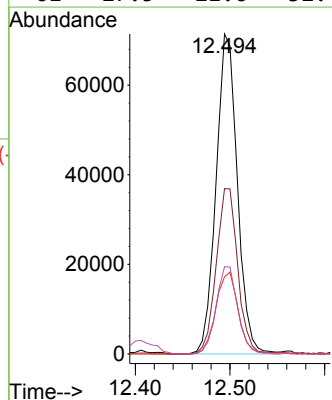
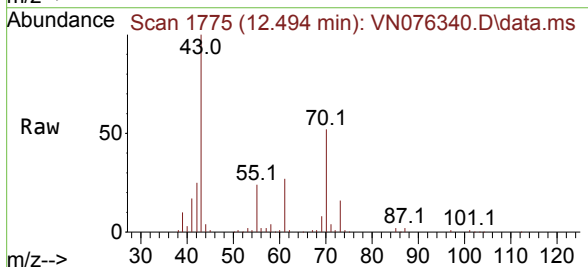
Ion Ratio Lower Upper

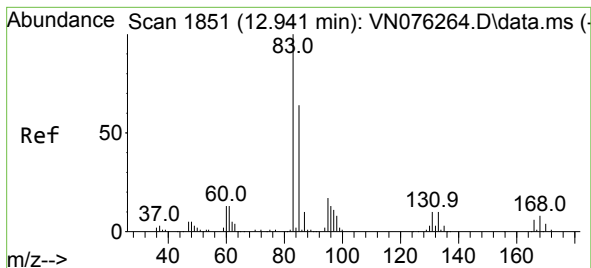
43 100

70 52.3 41.2 61.8

55 26.9 21.0 31.6

61 27.5 21.6 32.4





#75

1,1,2-Tetrachloroethane

Concen: 18.127 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBS01

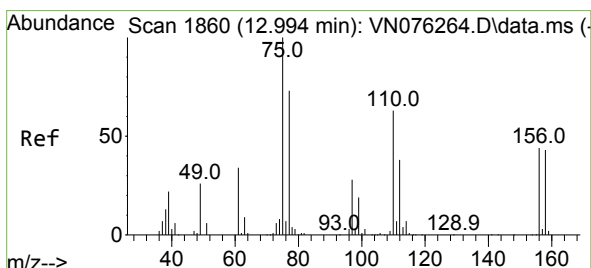
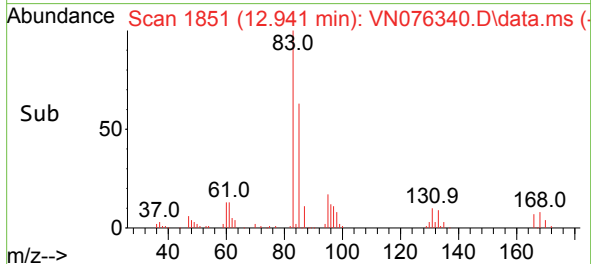
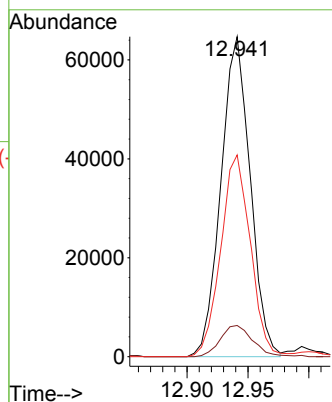
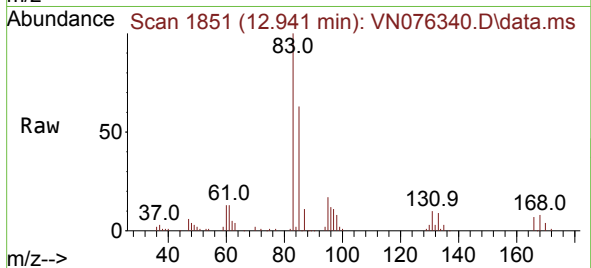
Tgt Ion: 83 Resp: 108149

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

85 63.9 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 26.883 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076340.D

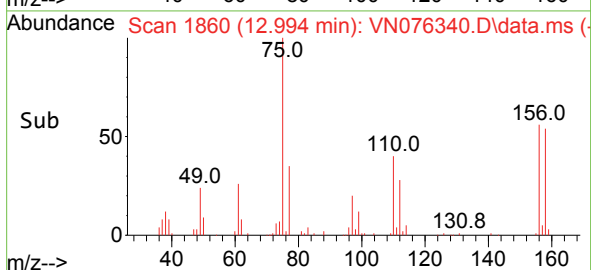
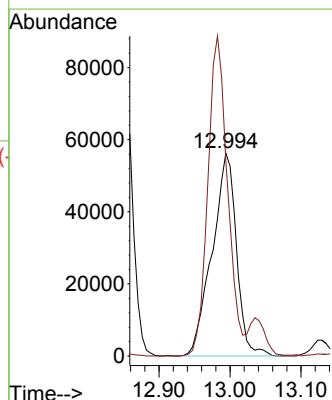
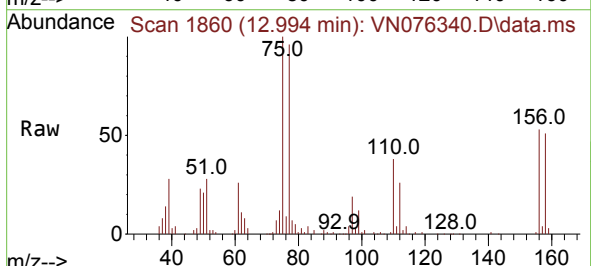
Acq: 20 Jan 2023 11:49

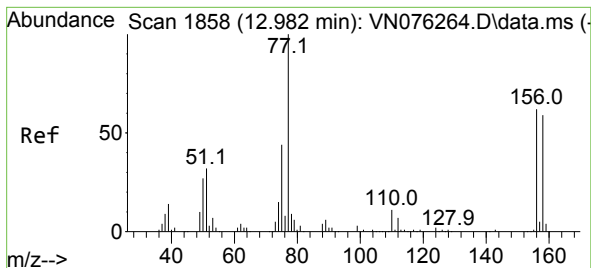
Tgt Ion: 75 Resp: 133526

Ion Ratio Lower Upper

75 100

77 127.7 75.2 225.6





#77

Bromobenzene

Concen: 19.410 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBS01

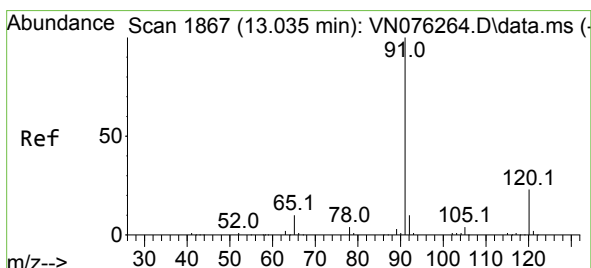
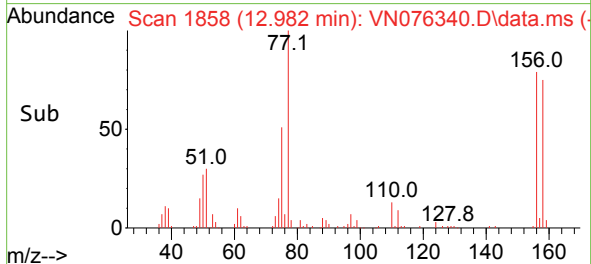
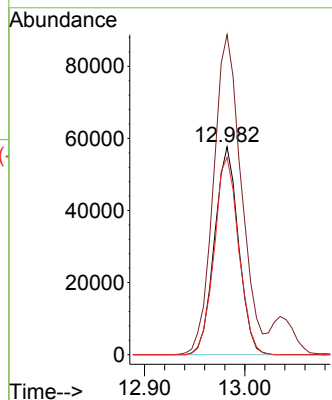
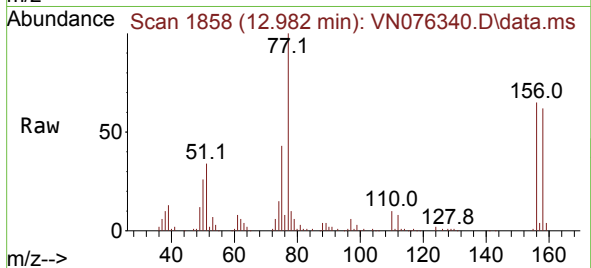
Tgt Ion:156 Resp: 95849

Ion Ratio Lower Upper

156 100

77 177.9 93.4 280.2

158 96.8 48.4 145.2



#78

n-propylbenzene

Concen: 19.006 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN076340.D

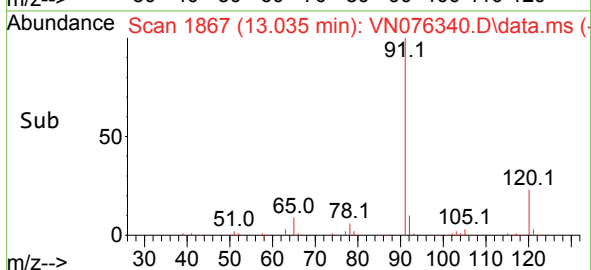
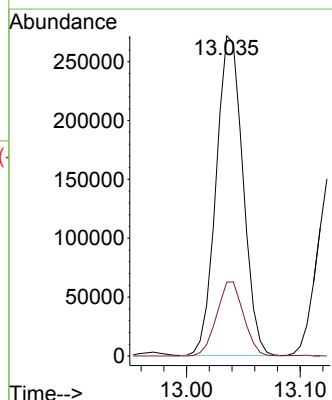
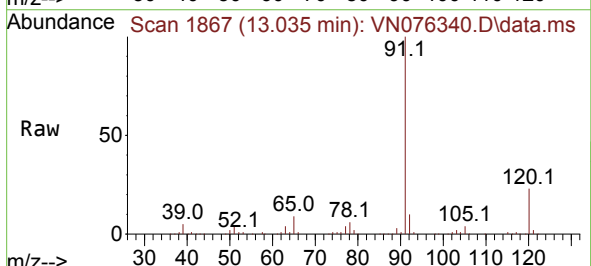
Acq: 20 Jan 2023 11:49

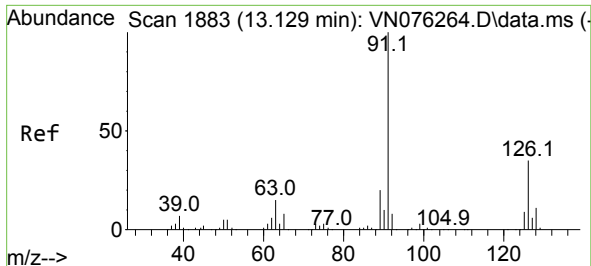
Tgt Ion: 91 Resp: 445078

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5

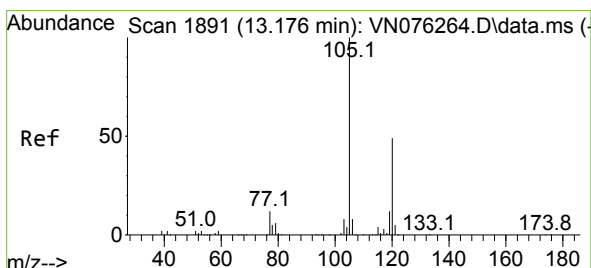
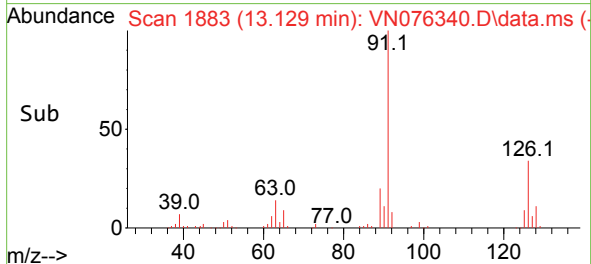
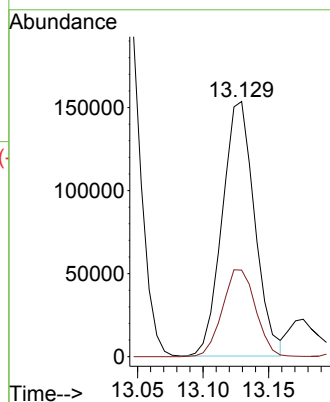
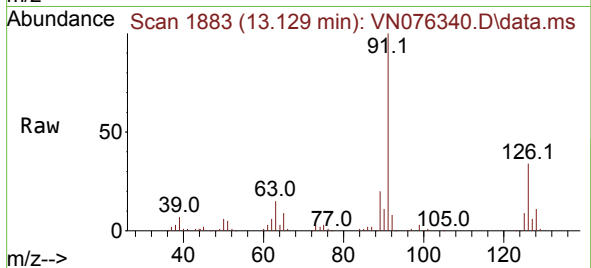




#79
2-Chlorotoluene
Concen: 18.414 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

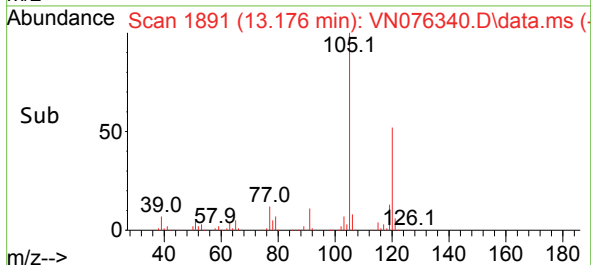
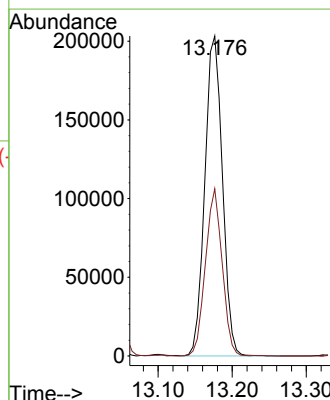
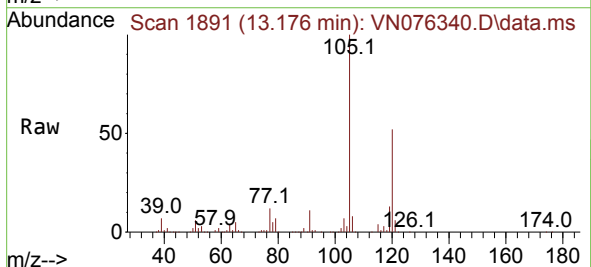
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

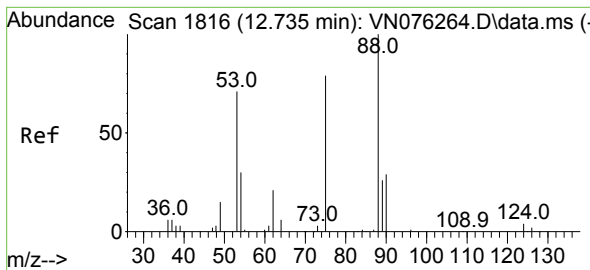
Tgt Ion: 91 Resp: 264602
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 19.270 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 105 Resp: 335044
Ion Ratio Lower Upper
105 100
120 49.7 25.0 75.0

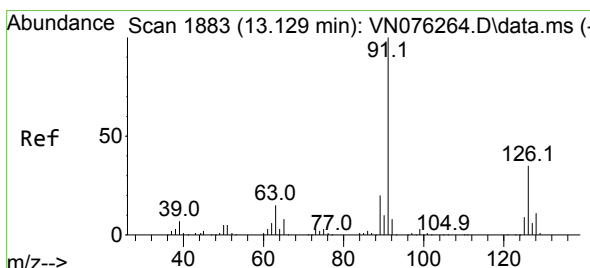
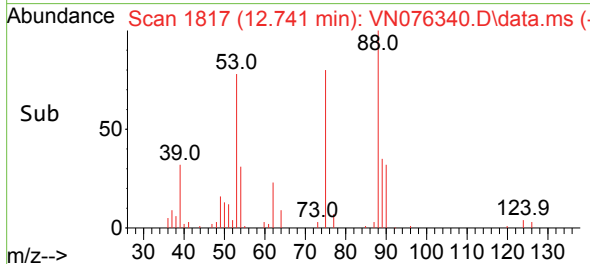
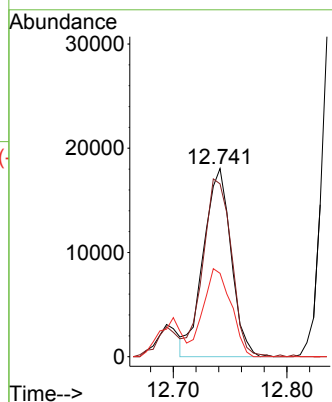
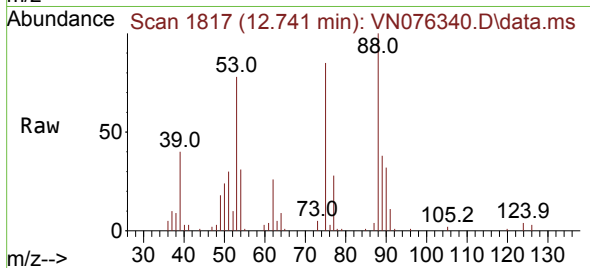




#81
trans-1,4-Dichloro-2-butene
Concen: 18.928 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

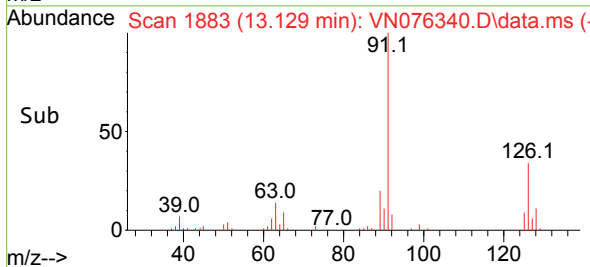
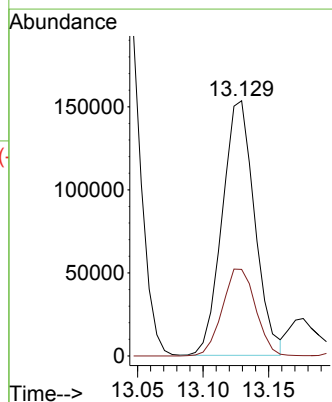
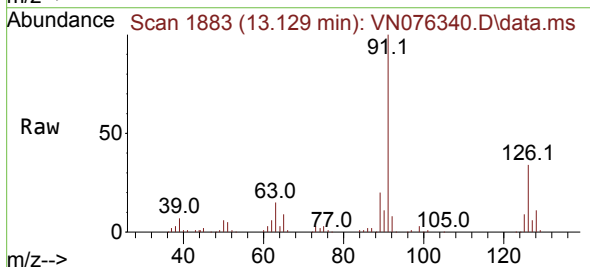
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

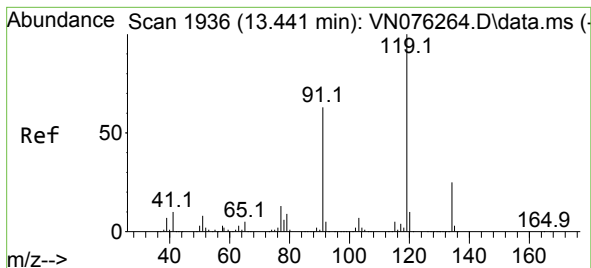
Tgt Ion: 75 Resp: 30519
Ion Ratio Lower Upper
75 100
53 97.7 75.8 113.8
89 47.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 18.414 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 91 Resp: 264602
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.2





#83

tert-Butylbenzene

Concen: 19.209 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBS01

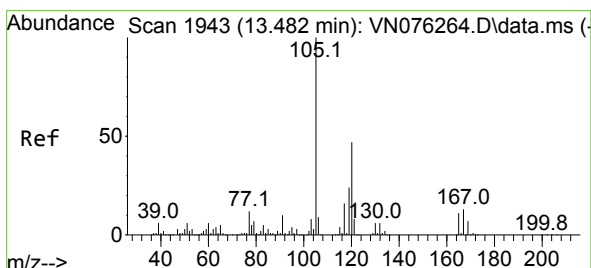
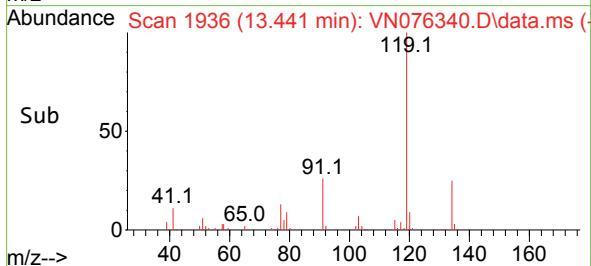
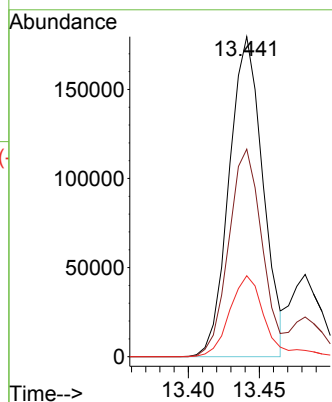
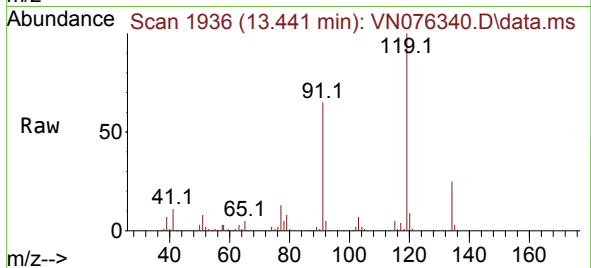
Tgt Ion:119 Resp: 297046

Ion Ratio Lower Upper

119 100

91 65.7 32.2 96.6

134 26.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 19.249 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076340.D

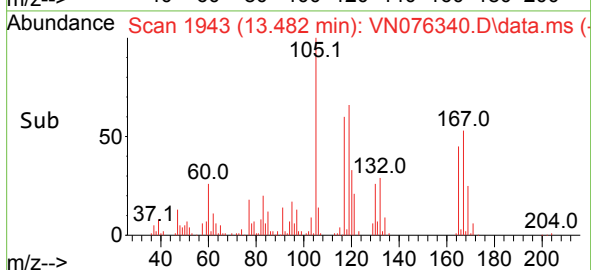
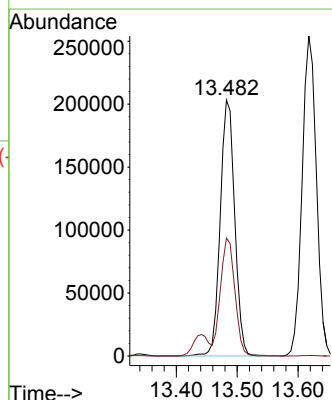
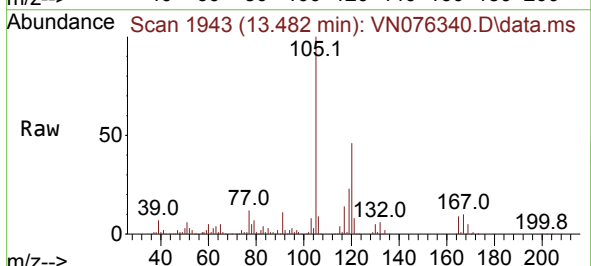
Acq: 20 Jan 2023 11:49

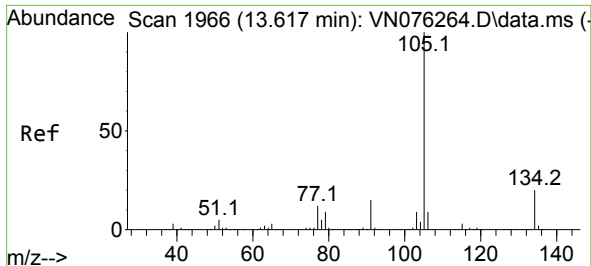
Tgt Ion:105 Resp: 335586

Ion Ratio Lower Upper

105 100

120 45.6 22.9 68.5

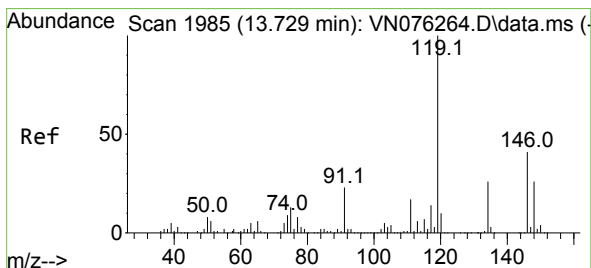
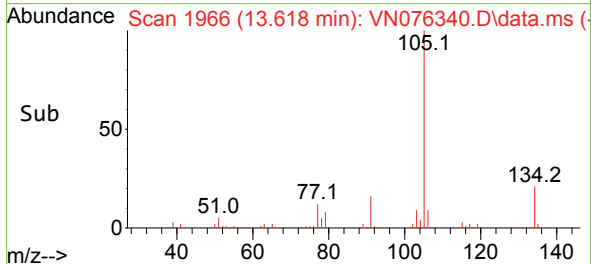
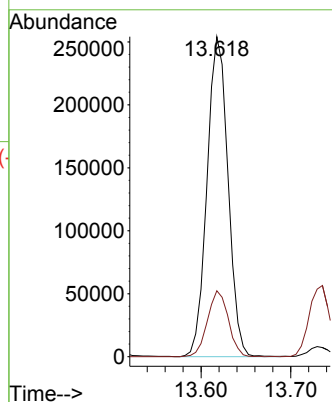
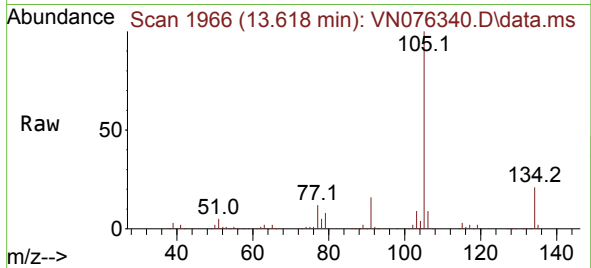




#85
 sec-Butylbenzene
 Concen: 19.241 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076340.D
 Acq: 20 Jan 2023 11:49

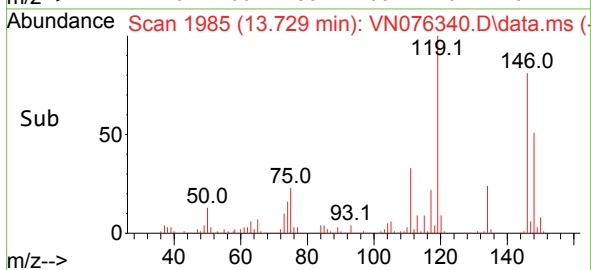
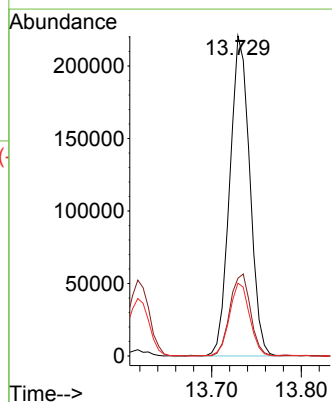
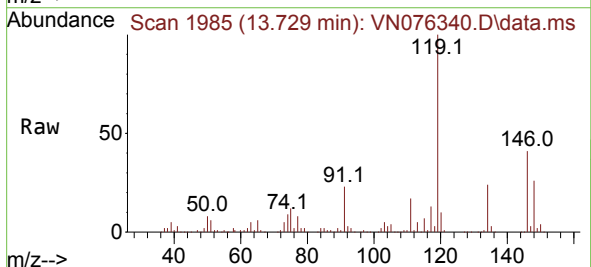
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBS01

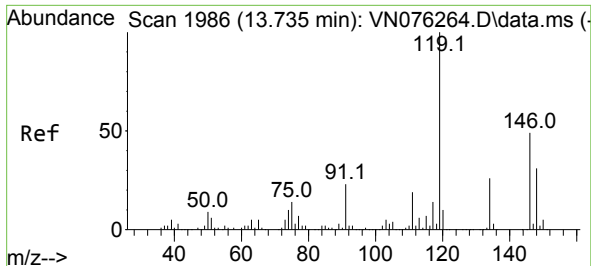
Tgt Ion:105 Resp: 412861
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.386 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076340.D
 Acq: 20 Jan 2023 11:49

Tgt Ion:119 Resp: 342068
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 22.9 11.8 35.3

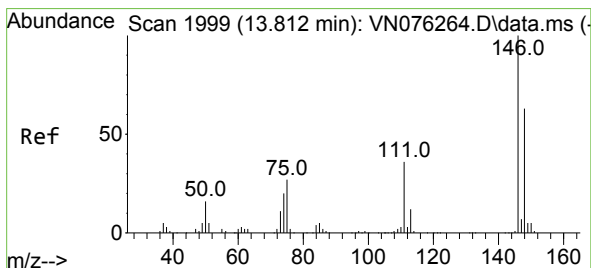
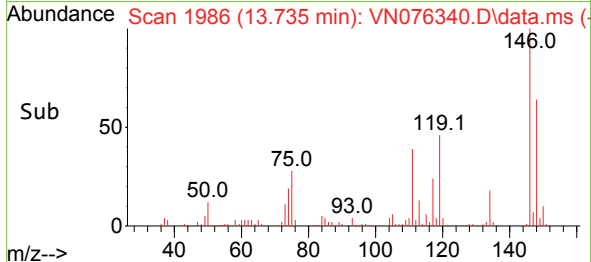
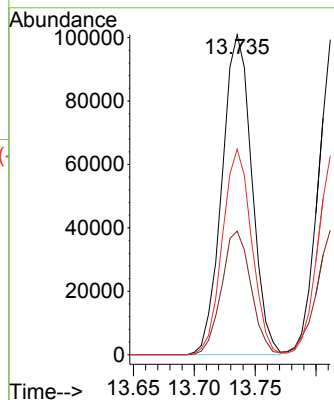
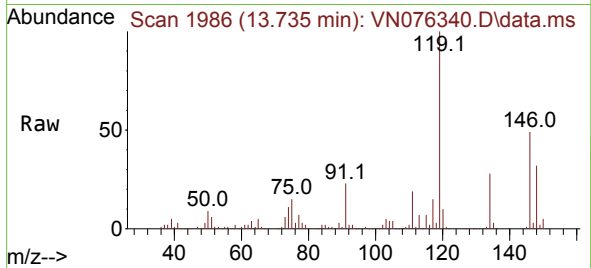




#87
 1,3-Dichlorobenzene
 Concen: 17.581 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076340.D
 Acq: 20 Jan 2023 11:49

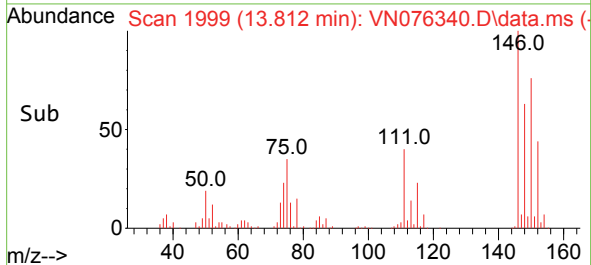
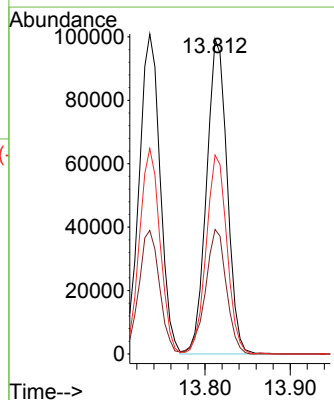
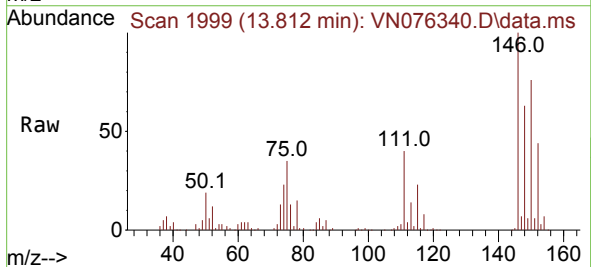
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBS01

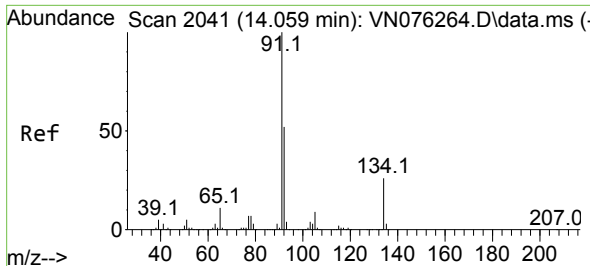
Tgt Ion:146 Resp: 171972
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.9 59.7
 148 63.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 18.013 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076340.D
 Acq: 20 Jan 2023 11:49

Tgt Ion:146 Resp: 167013
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.1 57.5
 148 63.5 31.9 95.9

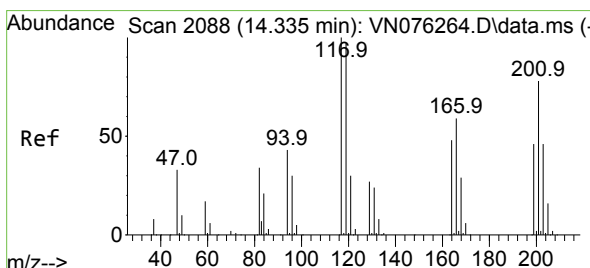
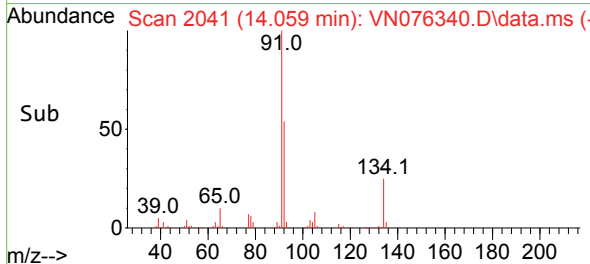
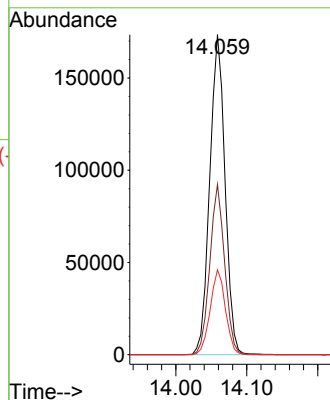
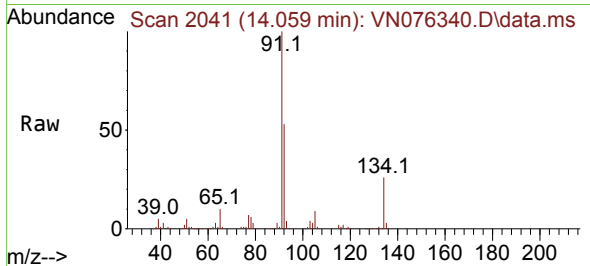




#89
n-Butylbenzene
Concen: 18.517 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

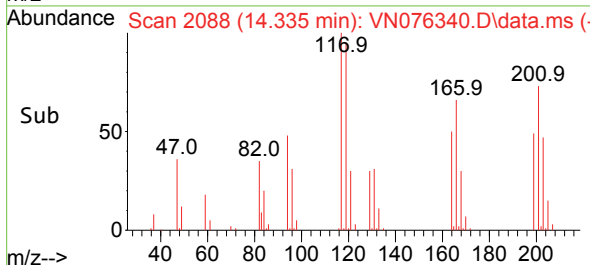
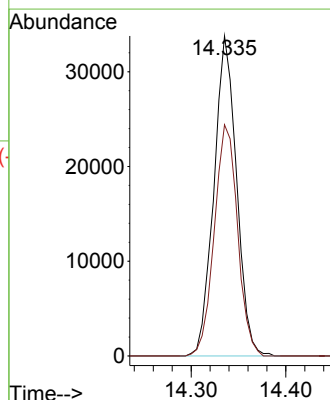
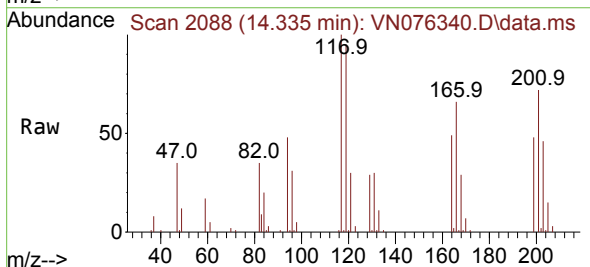
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

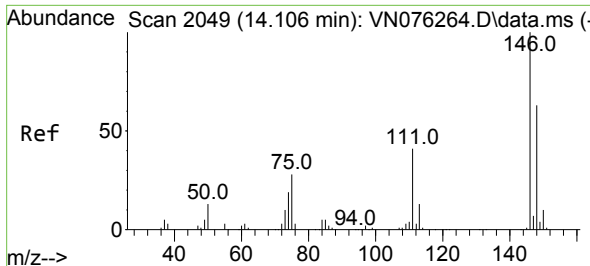
Tgt Ion: 91 Resp: 259372
Ion Ratio Lower Upper
91 100
92 51.7 26.3 78.9
134 26.4 13.2 39.5



#90
Hexachloroethane
Concen: 18.422 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 117 Resp: 56103
Ion Ratio Lower Upper
117 100
201 74.2 37.3 111.9

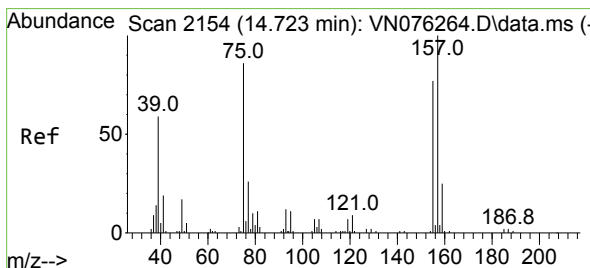
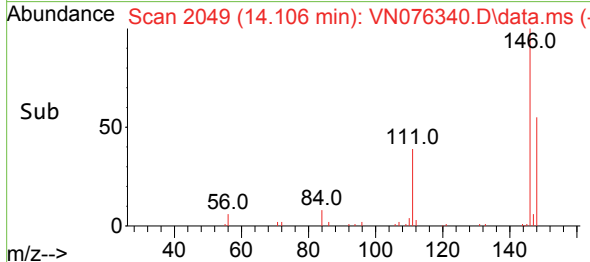
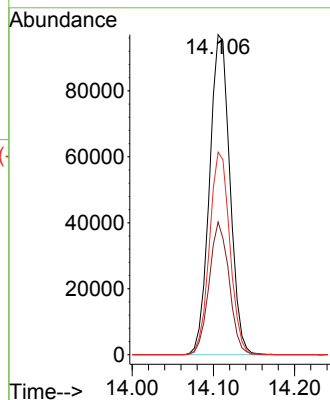
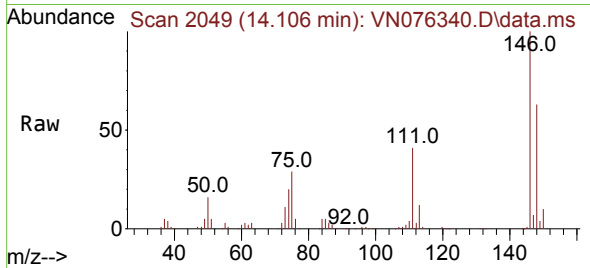




#91
1,2-Dichlorobenzene
Concen: 17.350 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

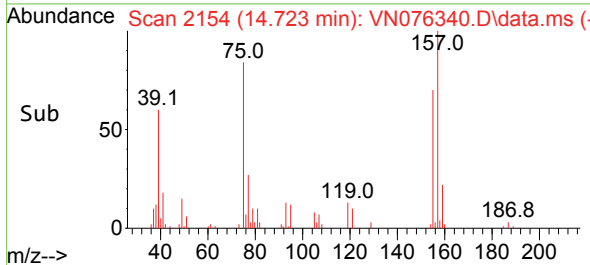
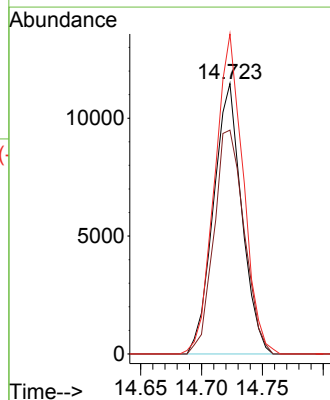
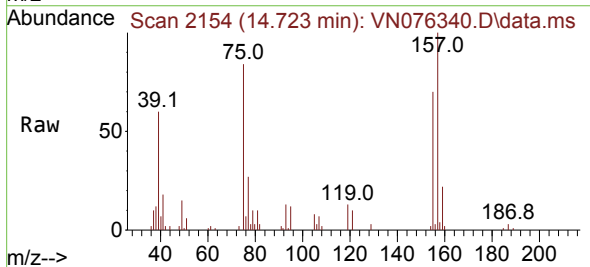
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBS01

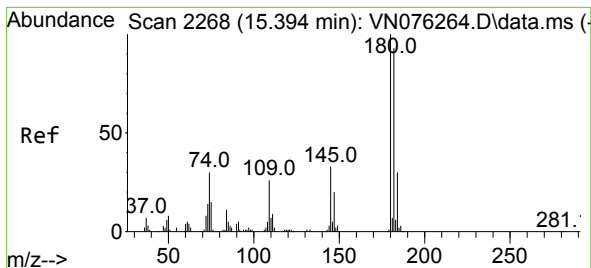
Tgt Ion:146 Resp: 169039
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.8
148 63.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.908 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076340.D
Acq: 20 Jan 2023 11:49

Tgt Ion: 75 Resp: 18572
Ion Ratio Lower Upper
75 100
155 88.3 45.0 135.0
157 119.1 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 16.697 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBS01

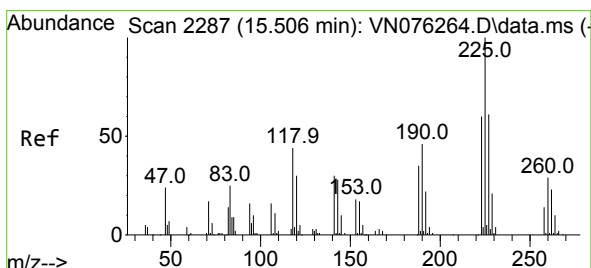
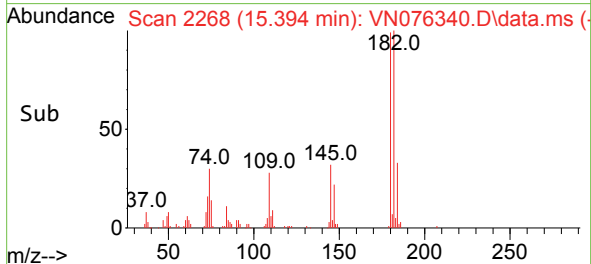
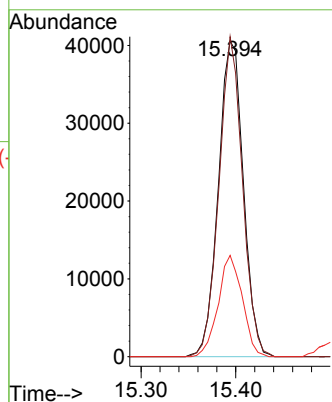
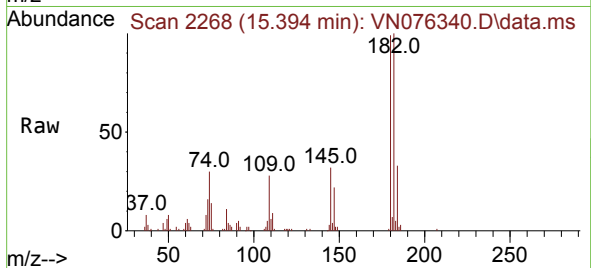
Tgt Ion:180 Resp: 74402

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

145 31.0 15.2 45.5



#94

Hexachlorobutadiene

Concen: 17.003 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

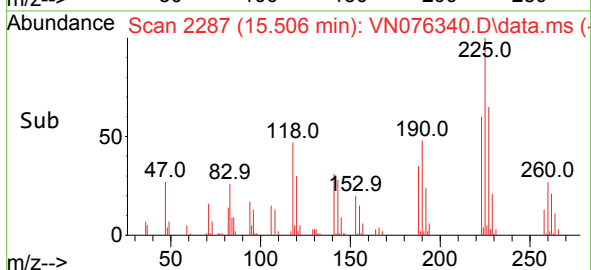
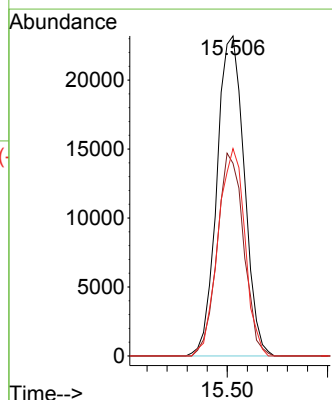
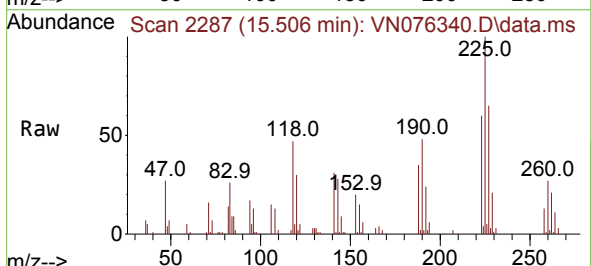
Tgt Ion:225 Resp: 43961

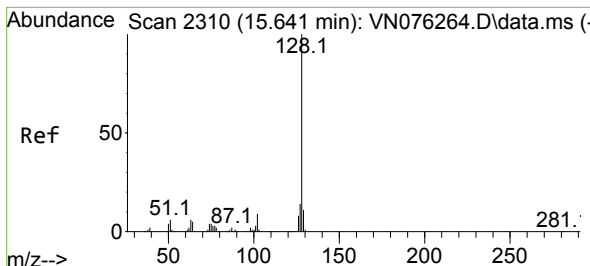
Ion Ratio Lower Upper

225 100

223 61.4 30.8 92.3

227 63.5 30.9 92.8





#95

Naphthalene

Concen: 16.740 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBS01

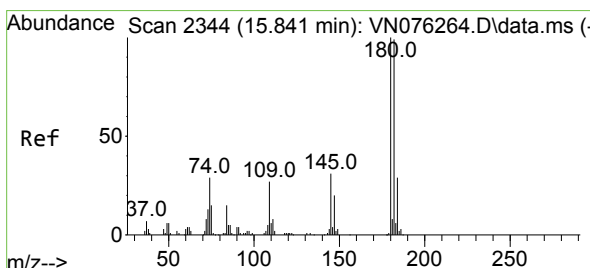
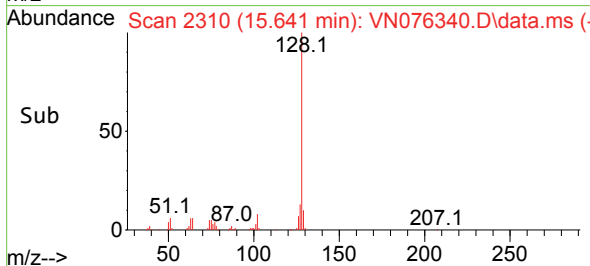
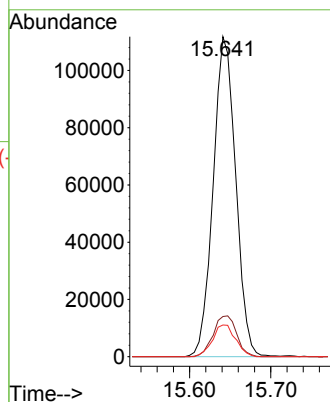
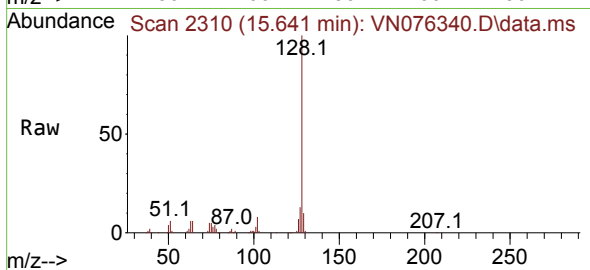
Tgt Ion:128 Resp: 215636

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.103 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076340.D

Acq: 20 Jan 2023 11:49

Tgt Ion:180 Resp: 73261

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 33.0 15.9 47.6

