

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076295.D
 Acq On : 18 Jan 2023 13:56
 Operator : JC\MD
 Sample : VN0118MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBS01

Quant Time: Jan 19 00:49:57 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	340380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	543090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	486371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233684	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	198489	52.081	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.160%	
35) Dibromofluoromethane	8.171	113	174579	51.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.780%	
50) Toluene-d8	10.571	98	652351	51.995	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.853	95	224445	54.798	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	70661	20.258	ug/l	93
3) Chloromethane	2.371	50	67412	18.666	ug/l	94
4) Vinyl Chloride	2.530	62	86800	19.601	ug/l	98
5) Bromomethane	2.959	94	80700	22.253	ug/l	95
6) Chloroethane	3.130	64	64629	19.463	ug/l	96
7) Trichlorofluoromethane	3.512	101	137531	22.575	ug/l	100
8) Diethyl Ether	3.977	74	42615	20.855	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	68058	19.733	ug/l	96
10) Methyl Iodide	4.600	142	102530	19.463	ug/l	100
11) Tert butyl alcohol	5.536	59	57227	112.261	ug/l	99
12) 1,1-Dichloroethene	4.359	96	61477	18.857	ug/l	90
13) Acrolein	4.200	56	78446	128.677	ug/l	100
14) Allyl chloride	5.042	41	71691	18.870	ug/l	98
15) Acrylonitrile	5.736	53	149660	103.168	ug/l	99
16) Acetone	4.442	43	122220	99.993	ug/l	96
17) Carbon Disulfide	4.724	76	144579	17.810	ug/l	96
18) Methyl Acetate	5.036	43	80554	19.455	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	222073	20.923	ug/l	99
20) Methylene Chloride	5.289	84	72453	19.676	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	65773	18.622	ug/l	97
22) Diisopropyl ether	6.683	45	177221	19.780	ug/l	97
23) Vinyl Acetate	6.618	43	692715	119.628	ug/l	99
24) 1,1-Dichloroethane	6.583	63	115659	19.366	ug/l	99
25) 2-Butanone	7.494	43	188213	100.866	ug/l	100
26) 2,2-Dichloropropane	7.506	77	102332	20.330	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	79736	19.356	ug/l	99
28) Bromochloromethane	7.824	49	46308	19.130	ug/l	94
29) Tetrahydrofuran	7.841	42	122517	106.384	ug/l	99
30) Chloroform	7.971	83	129824	19.645	ug/l	95
31) Cyclohexane	8.265	56	108481	18.529	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	116755	19.351	ug/l	90
36) 1,1-Dichloropropene	8.377	75	90979	18.846	ug/l	99
37) Ethyl Acetate	7.571	43	79730	20.613	ug/l	98
38) Carbon Tetrachloride	8.371	117	104252	19.366	ug/l	94
39) Methylcyclohexane	9.606	83	118418	20.087	ug/l	98
40) Benzene	8.612	78	279657	19.374	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	39227	19.349	ug/l	90
42) 1,2-Dichloroethane	8.677	62	97259	19.693	ug/l	99
43) Isopropyl Acetate	8.694	43	130964	20.791	ug/l	98
44) Trichloroethene	9.359	130	77703	19.033	ug/l	98
45) 1,2-Dichloropropane	9.630	63	67271	19.465	ug/l	92
46) Dibromomethane	9.712	93	52496	20.119	ug/l	100
47) Bromodichloromethane	9.894	83	101242	20.005	ug/l	99
48) Methyl methacrylate	9.682	41	58841	19.732	ug/l	97
49) 1,4-Dioxane	9.706	88	28820	458.018	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	391140	105.777	ug/l	100
52) Toluene	10.629	92	185384	19.205	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	101698	21.080	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	112204	20.216	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	74037	20.066	ug/l	98
56) Ethyl methacrylate	10.877	69	103293	21.684	ug/l	100
57) 1,3-Dichloropropane	11.165	76	118711	19.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	158033	98.271	ug/l	99
59) 2-Hexanone	11.200	43	289593	108.073	ug/l	100
60) Dibromochloromethane	11.365	129	79785	20.541	ug/l	97
61) 1,2-Dibromoethane	11.471	107	75939	20.619	ug/l	100
64) Tetrachloroethene	11.106	164	81123	18.495	ug/l	98
65) Chlorobenzene	11.894	112	204931	19.932	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	75042	19.617	ug/l	99
67) Ethyl Benzene	11.965	91	350196	19.902	ug/l	98
68) m/p-Xylenes	12.076	106	285354	40.442	ug/l	97
69) o-Xylene	12.400	106	138229	19.949	ug/l	95
70) Styrene	12.412	104	228319	20.637	ug/l	99
71) Bromoform	12.582	173	57842	20.938	ug/l #	100
73) Isopropylbenzene	12.700	105	361015	19.970	ug/l	100
74) N-amyl acetate	12.500	43	108702	20.904	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	102857	19.792	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	127194	29.489	ug/l	81
77) Bromobenzene	12.982	156	86757	20.192	ug/l	99
78) n-propylbenzene	13.041	91	401814	19.699	ug/l	100
79) 2-Chlorotoluene	13.129	91	242971	19.411	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	304788	20.125	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28145	20.039	ug/l	86
82) 4-Chlorotoluene	13.129	91	242971	19.411	ug/l	99
83) tert-Butylbenzene	13.441	119	278073	20.644	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	305581	20.122	ug/l	99
85) sec-Butylbenzene	13.618	105	373566	19.987	ug/l	100
86) p-Isopropyltoluene	13.735	119	314879	20.487	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	159414	18.709	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	160802	19.900	ug/l	99
89) n-Butylbenzene	14.059	91	243090	19.924	ug/l	98
90) Hexachloroethane	14.335	117	52414	19.759	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	157689	18.581	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19391	21.465	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	77537	19.720	ug/l	99
94) Hexachlorobutadiene	15.506	225	41051	18.228	ug/l	94
95) Naphthalene	15.641	128	240302	20.902	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	74513	19.777	ug/l	99

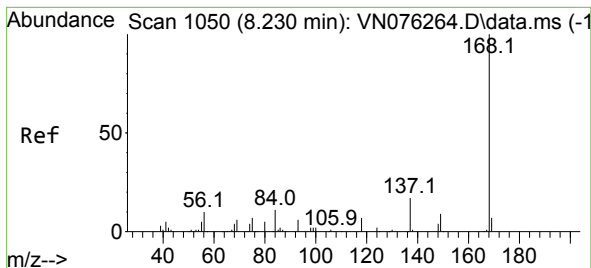
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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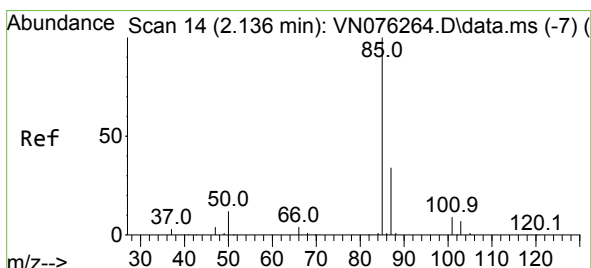
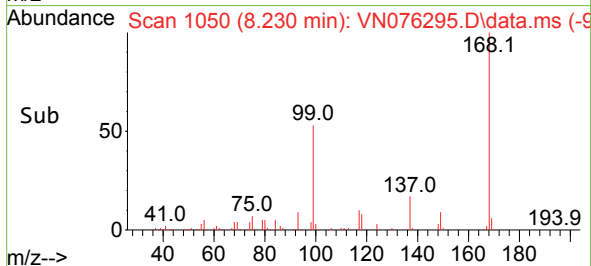
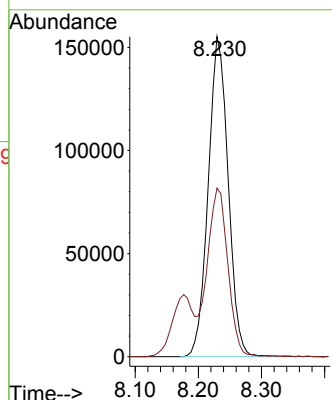
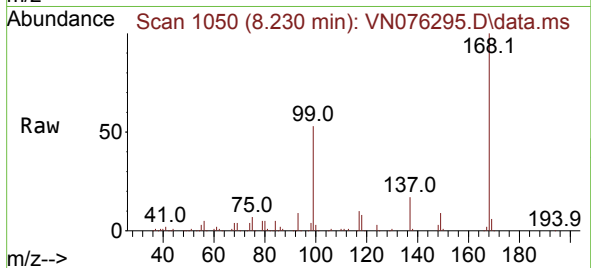
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076295.D
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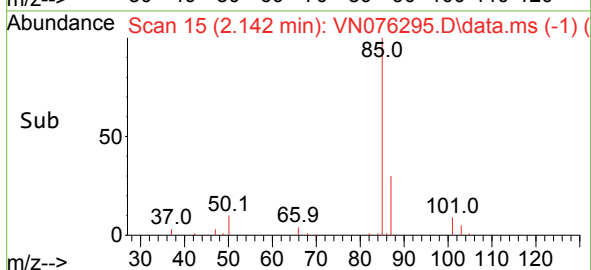
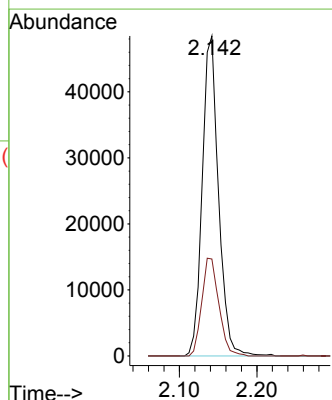
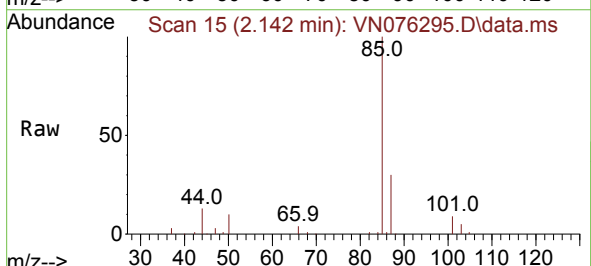
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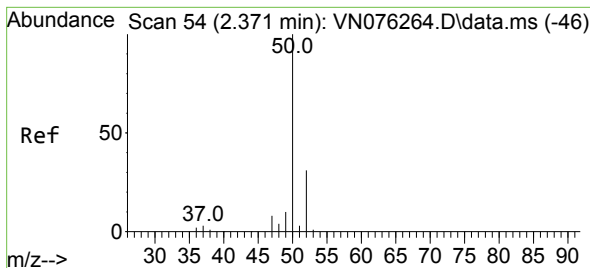
Tgt Ion:168 Resp: 340380
Ion Ratio Lower Upper
168 100
99 52.5 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 20.258 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 85 Resp: 70661
Ion Ratio Lower Upper
85 100
87 30.3 17.1 51.2





#3

Chloromethane

Concen: 18.666 ug/l

RT: 2.371 min Scan# 54

Delta R.T. 0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

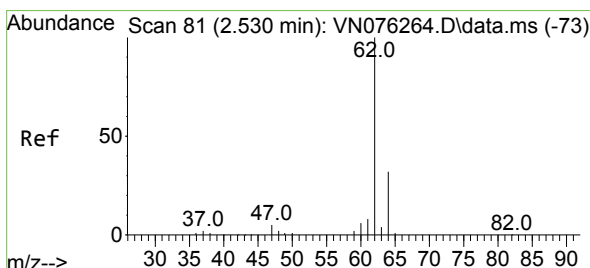
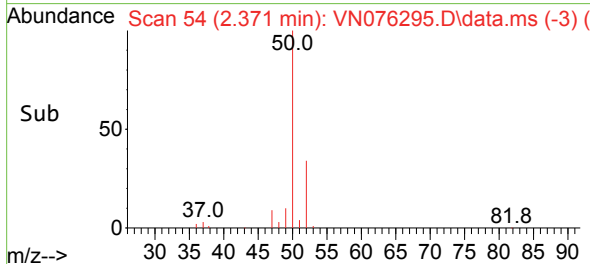
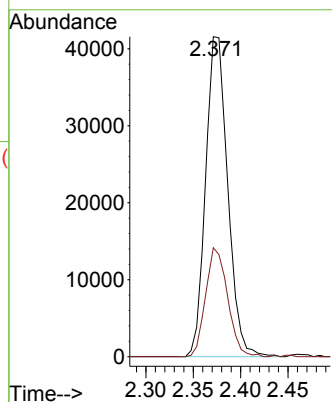
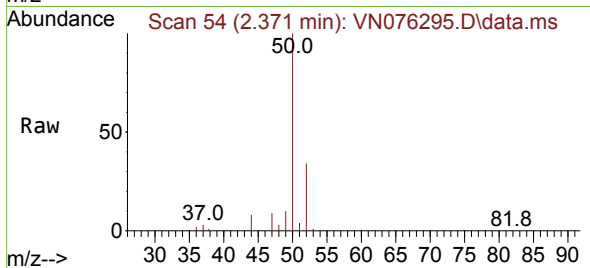
VN0118MBS01

Tgt Ion: 50 Resp: 67412

Ion Ratio Lower Upper

50 100

52 34.1 24.8 37.2



#4

Vinyl Chloride

Concen: 19.601 ug/l

RT: 2.530 min Scan# 81

Delta R.T. -0.000 min

Lab File: VN076295.D

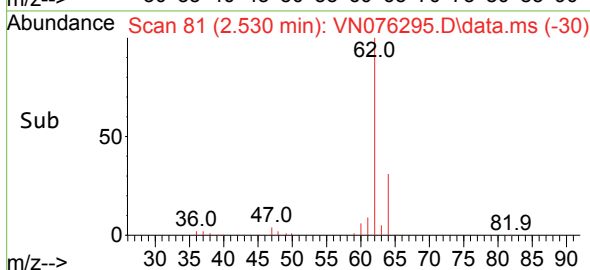
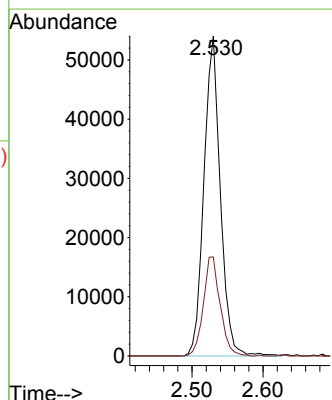
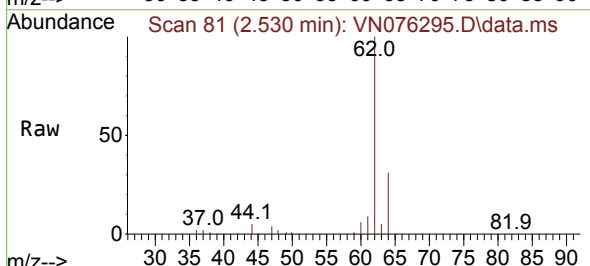
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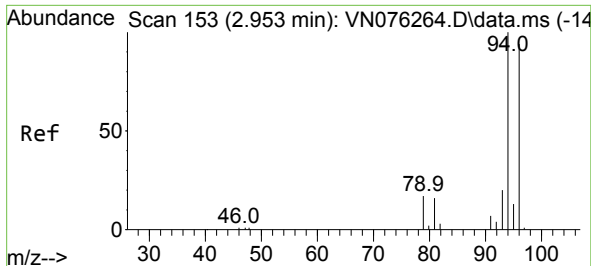
Tgt Ion: 62 Resp: 86800

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.6

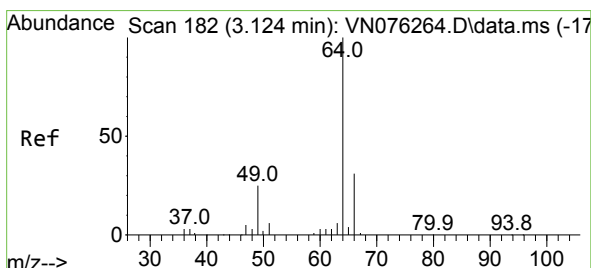
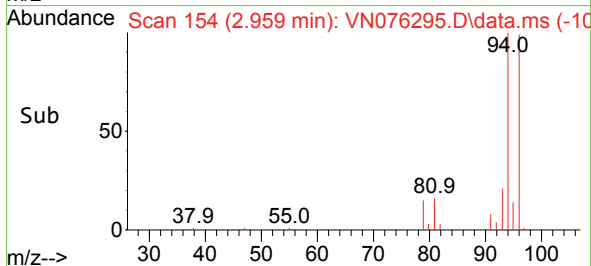
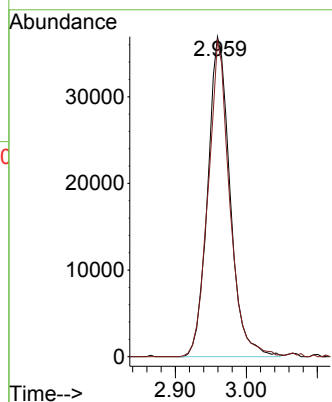
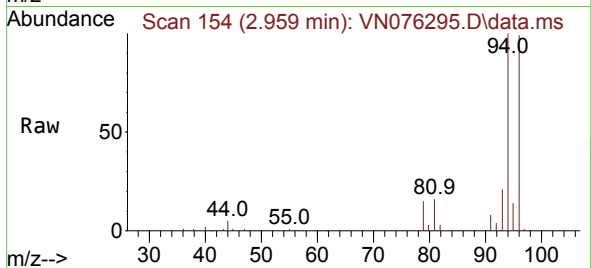




#5
Bromomethane
Concen: 22.253 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

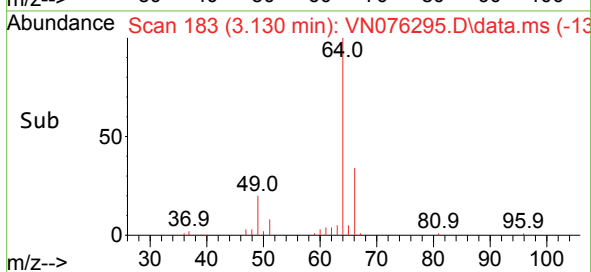
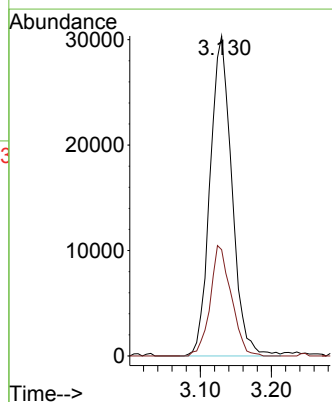
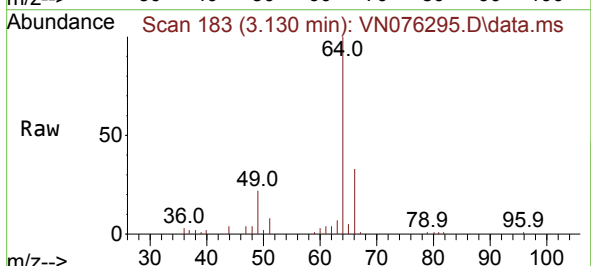
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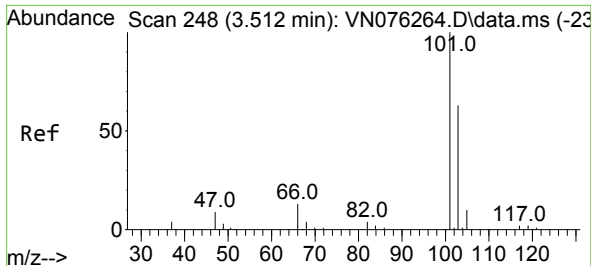
Tgt Ion: 94 Resp: 80700
Ion Ratio Lower Upper
94 100
96 98.8 75.1 112.7



#6
Chloroethane
Concen: 19.463 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 64 Resp: 64629
Ion Ratio Lower Upper
64 100
66 33.2 24.8 37.2

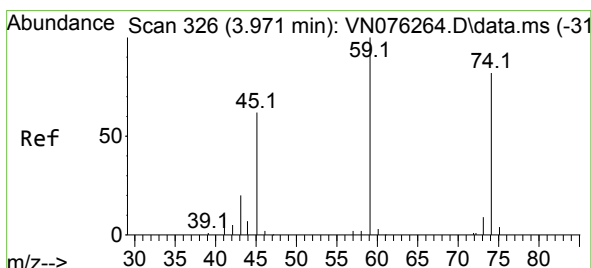
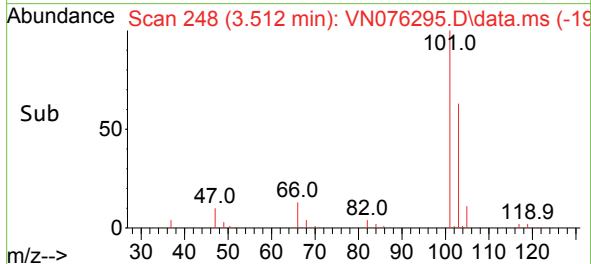
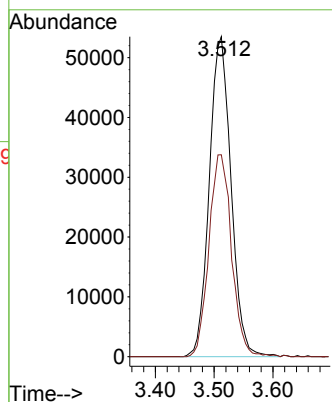
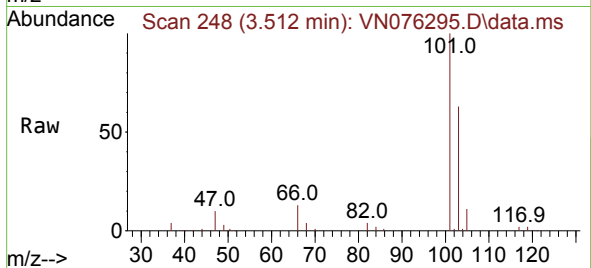




#7
Trichlorofluoromethane
Concen: 22.575 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

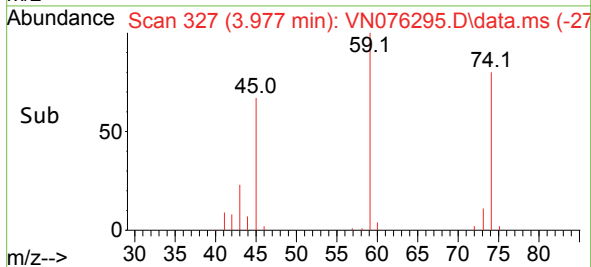
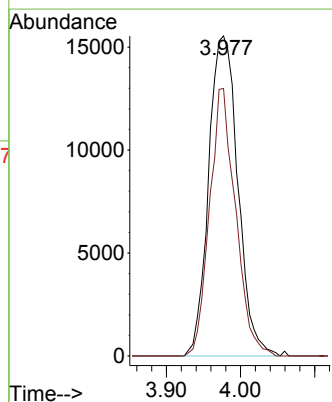
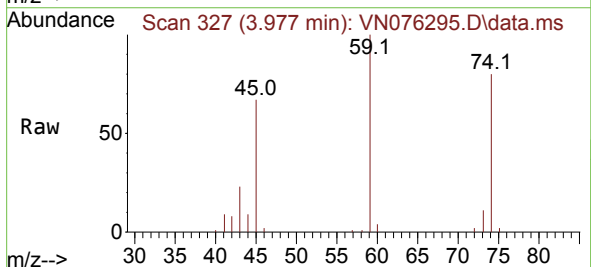
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ClientSampleId :
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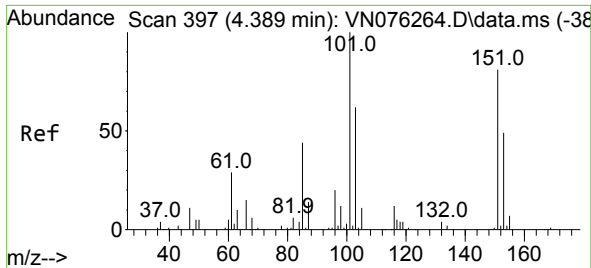
Tgt Ion:101 Resp: 137531
Ion Ratio Lower Upper
101 100
103 63.1 50.2 75.4



#8
Diethyl Ether
Concen: 20.855 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 74 Resp: 42615
Ion Ratio Lower Upper
74 100
45 74.4 37.8 113.3

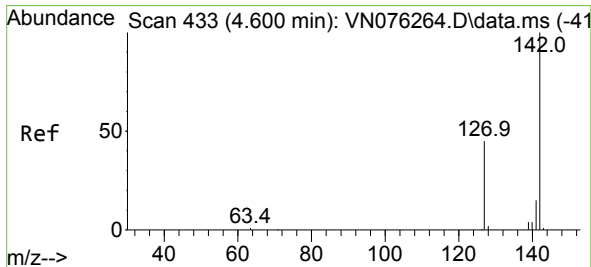
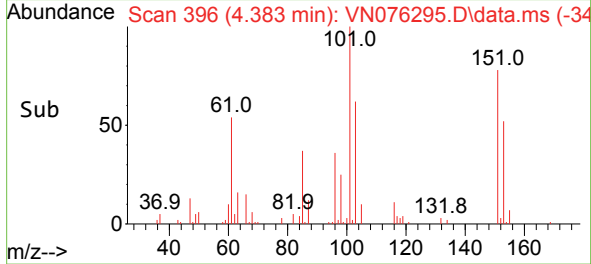
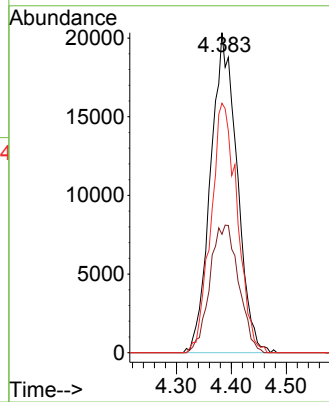
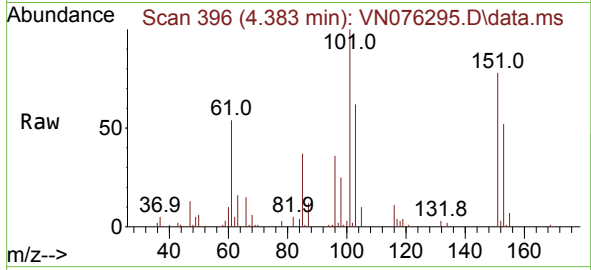




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.733 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN076295.D
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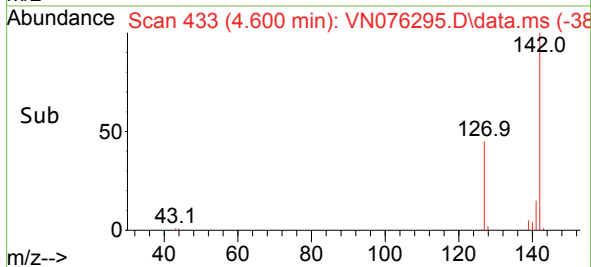
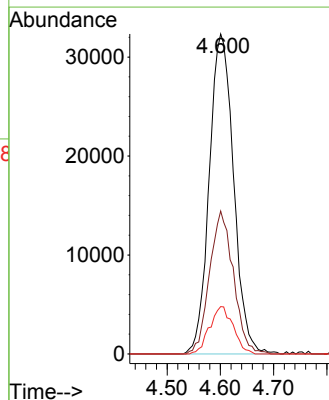
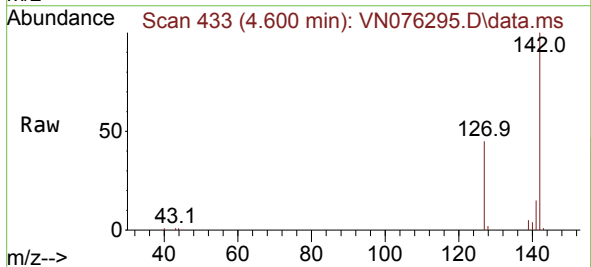
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

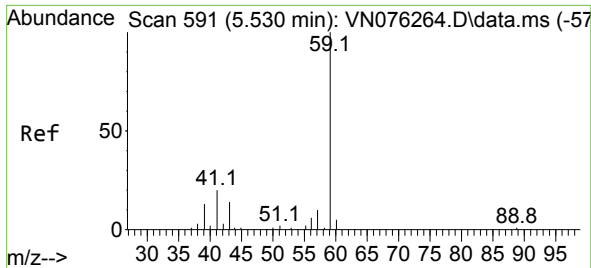
Tgt Ion:101 Resp: 68058
Ion Ratio Lower Upper
101 100
85 43.4 35.5 53.3
151 77.6 65.5 98.3



#10
Methyl Iodide
Concen: 19.463 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion:142 Resp: 102530
Ion Ratio Lower Upper
142 100
127 43.9 35.0 52.4
141 14.4 11.5 17.3

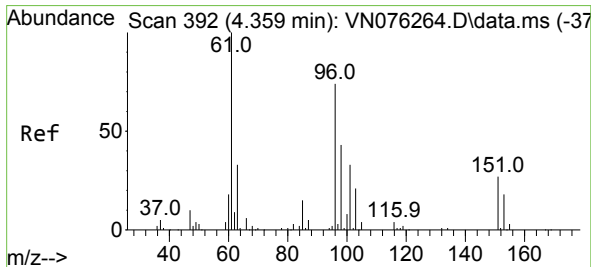
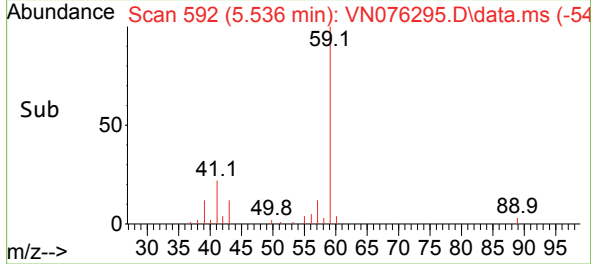
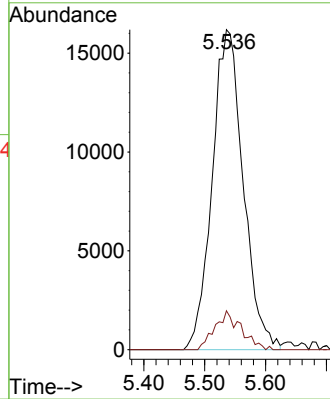
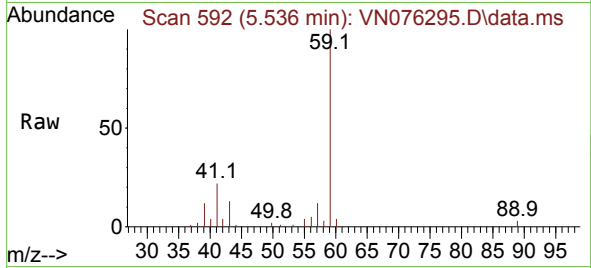




#11
Tert butyl alcohol
Concen: 112.261 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

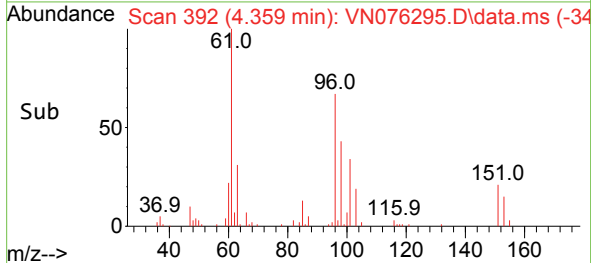
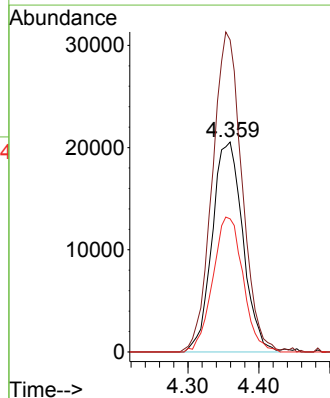
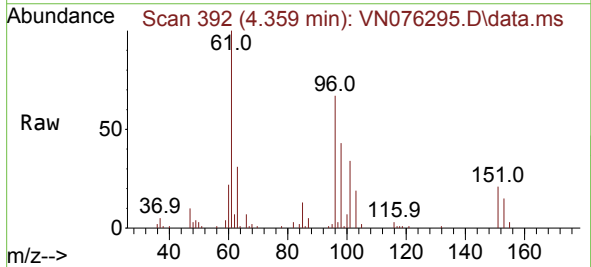
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

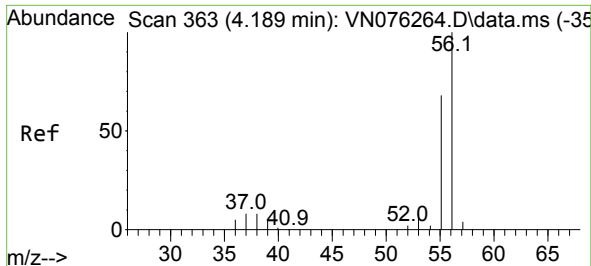
Tgt Ion: 59 Resp: 57227
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.857 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 96 Resp: 61477
Ion Ratio Lower Upper
96 100
61 148.6 108.2 162.4
98 63.4 47.0 70.6

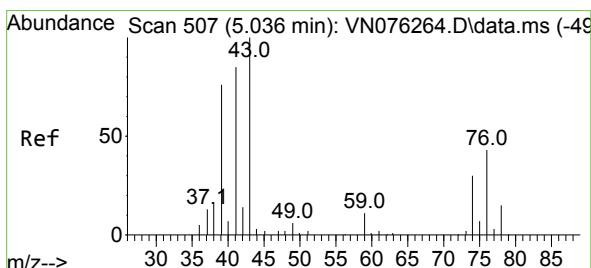
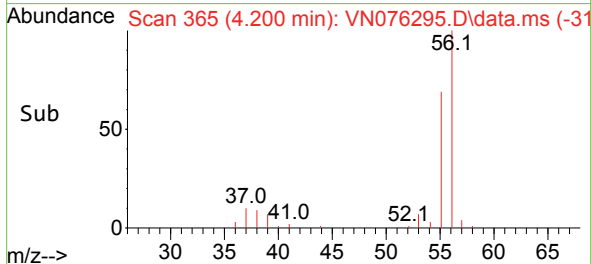
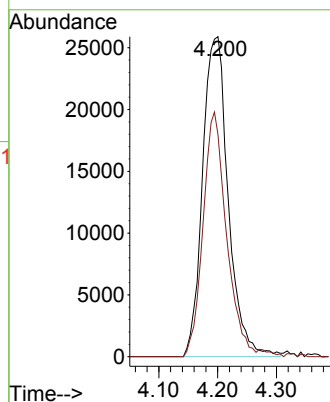
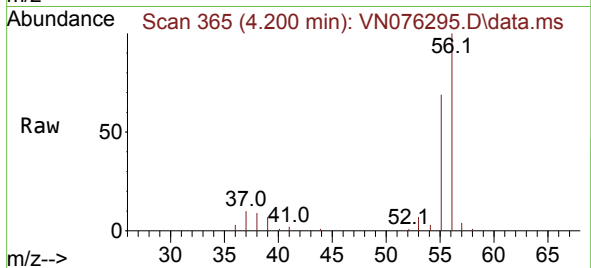




#13
Acrolein
Concen: 128.677 ug/l
RT: 4.200 min Scan# 365
Delta R.T. 0.011 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

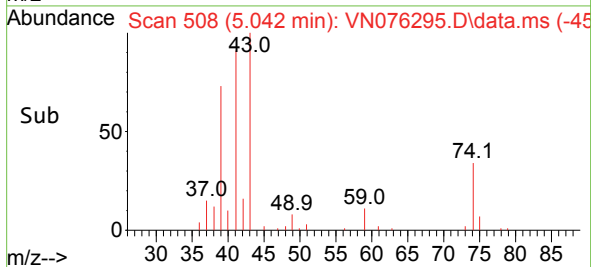
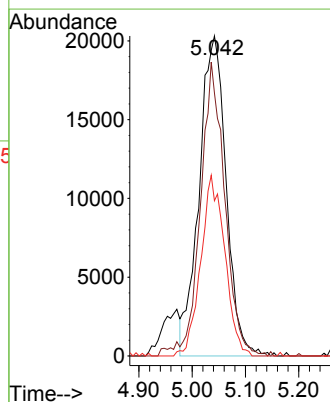
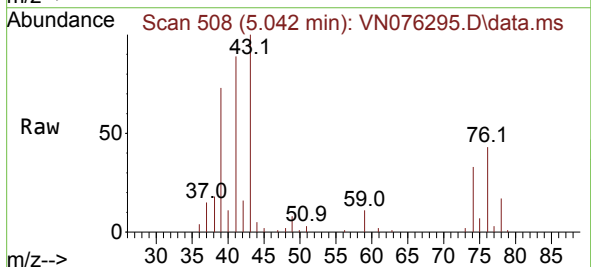
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

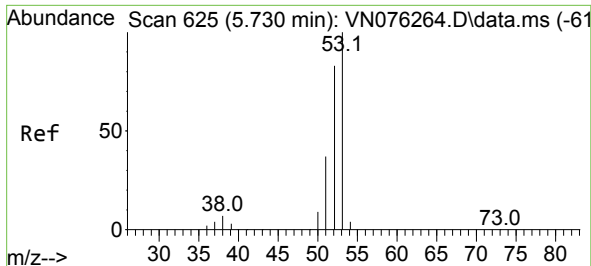
Tgt Ion: 56 Resp: 78446
Ion Ratio Lower Upper
56 100
55 69.6 55.8 83.6



#14
Allyl chloride
Concen: 18.870 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 41 Resp: 71691
Ion Ratio Lower Upper
41 100
39 82.0 67.4 101.0
76 50.1 39.8 59.8

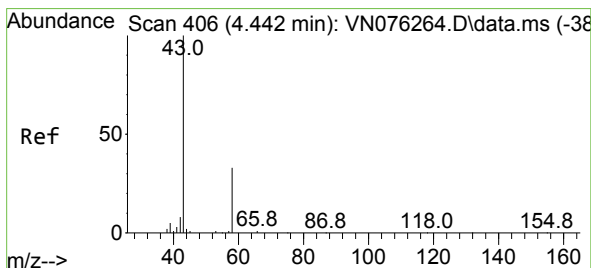
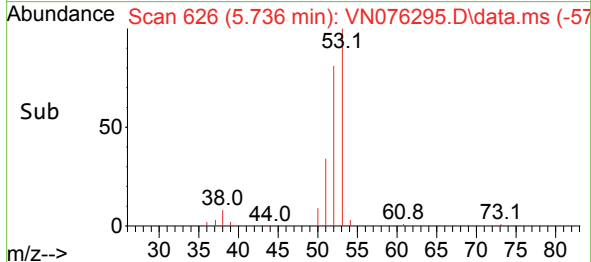
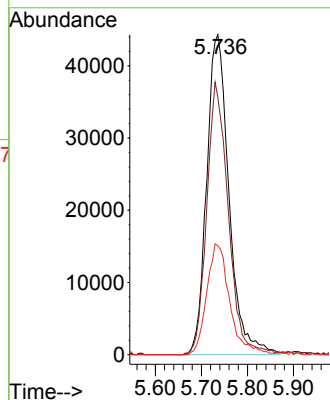
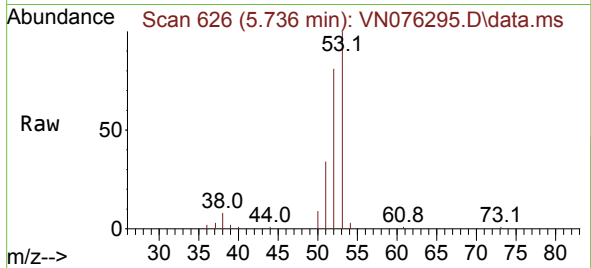




#15
Acrylonitrile
Concen: 103.168 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

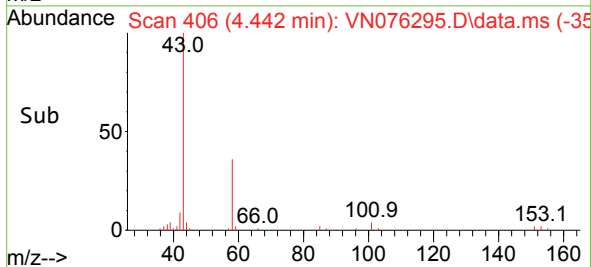
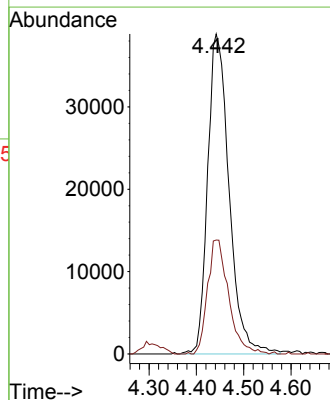
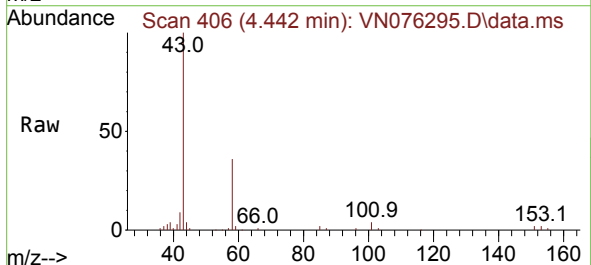
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

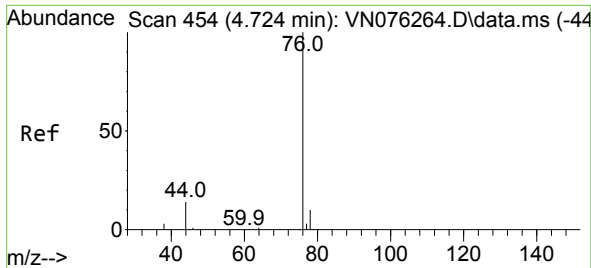
Tgt Ion: 53 Resp: 149660
Ion Ratio Lower Upper
53 100
52 82.0 64.7 97.1
51 35.5 29.2 43.8



#16
Acetone
Concen: 99.993 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 43 Resp: 122220
Ion Ratio Lower Upper
43 100
58 35.6 26.7 40.1

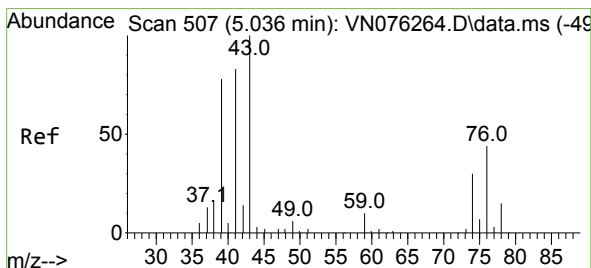
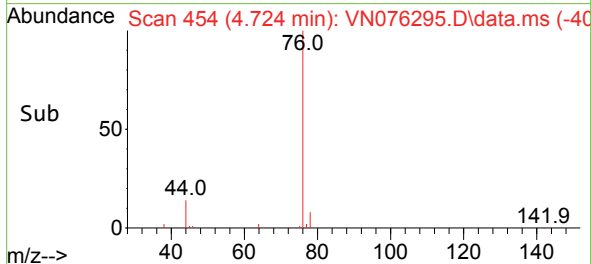
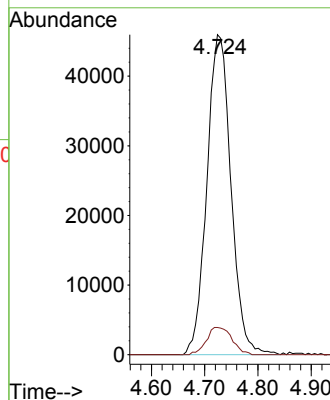
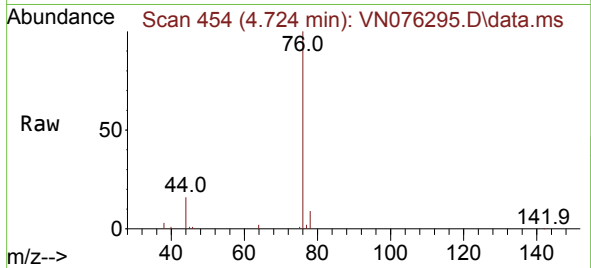




#17
Carbon Disulfide
Concen: 17.810 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

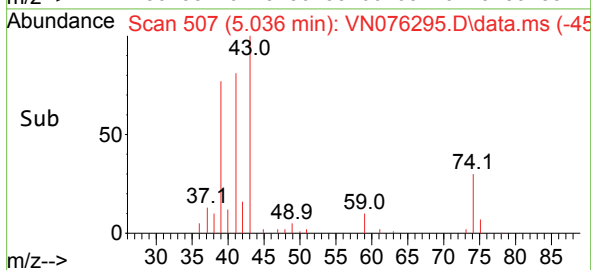
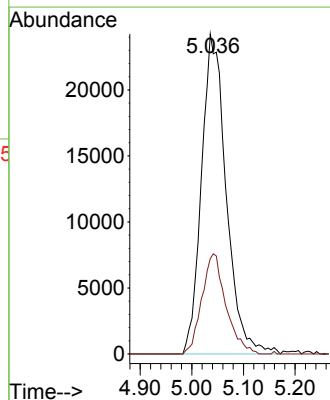
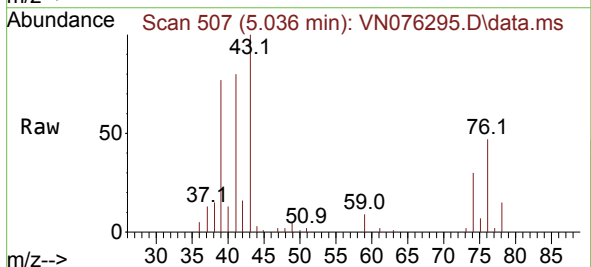
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

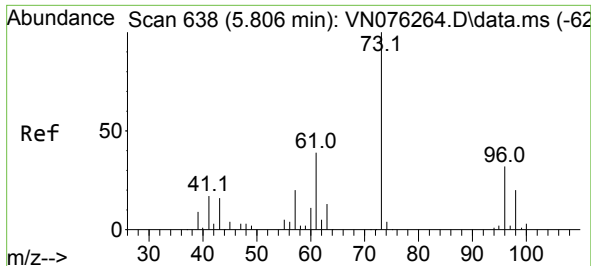
Tgt Ion: 76 Resp: 144579
Ion Ratio Lower Upper
76 100
78 8.5 8.0 12.0



#18
Methyl Acetate
Concen: 19.455 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 43 Resp: 80554
Ion Ratio Lower Upper
43 100
74 30.4 23.3 34.9

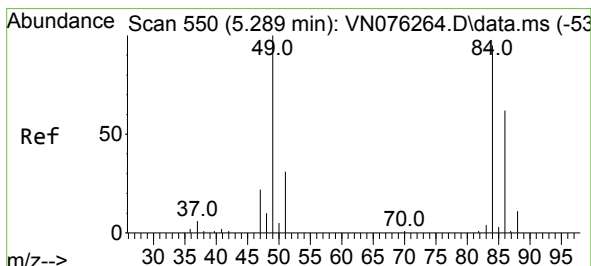
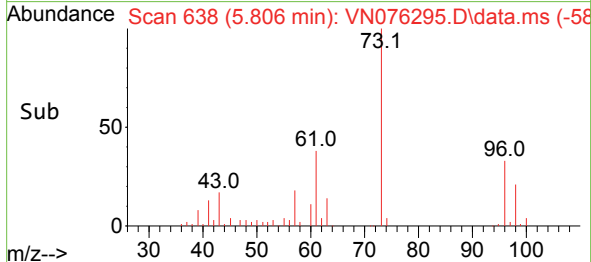
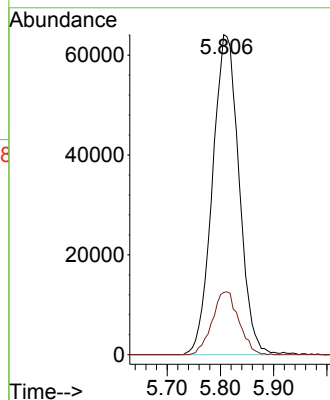
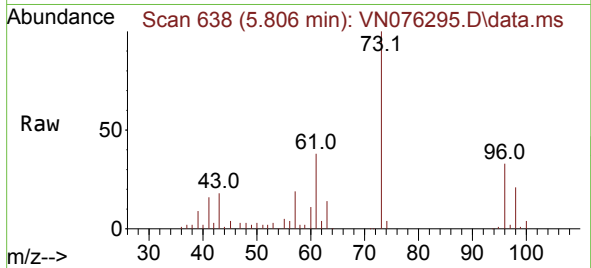




#19
Methyl tert-butyl Ether
Concen: 20.923 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

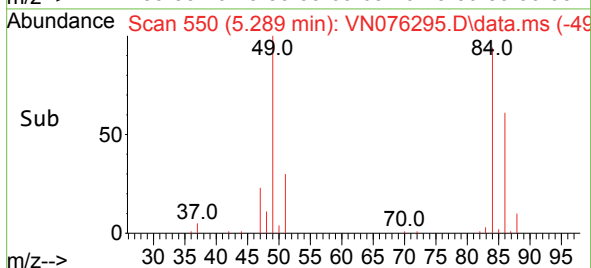
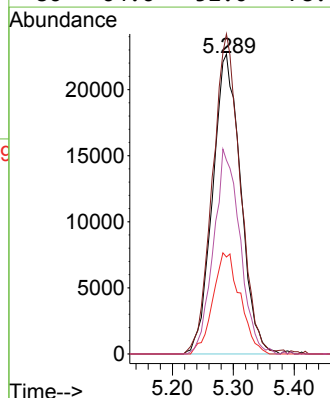
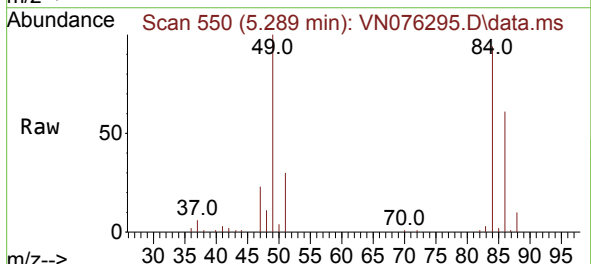
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

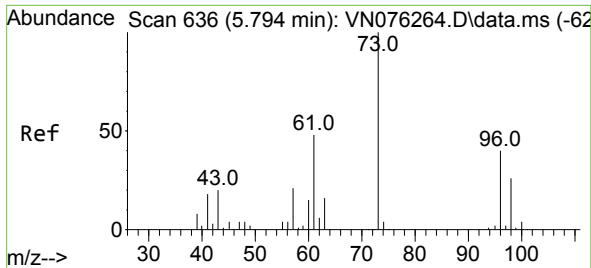
Tgt Ion: 73 Resp: 222073
Ion Ratio Lower Upper
73 100
57 19.5 15.9 23.9



#20
Methylene Chloride
Concen: 19.676 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 84 Resp: 72453
Ion Ratio Lower Upper
84 100
49 106.7 84.5 126.7
51 32.3 26.0 39.0
86 64.6 52.0 78.0

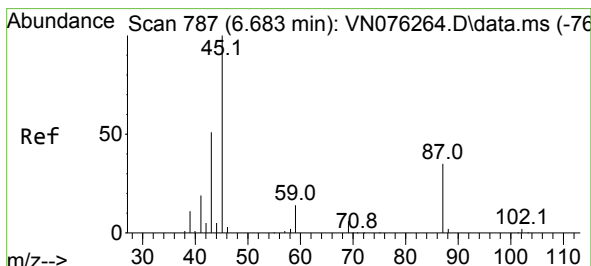
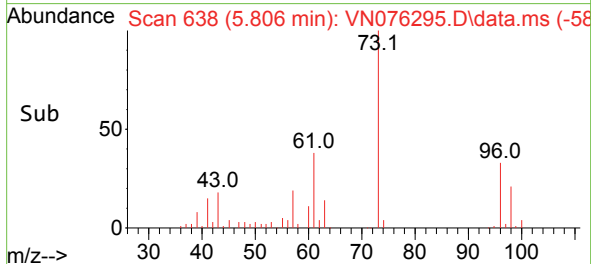
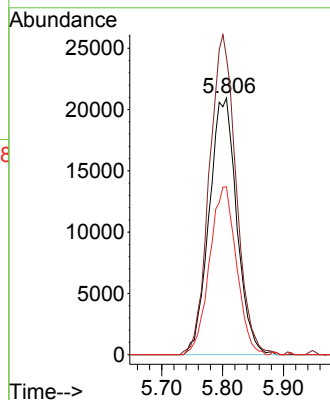
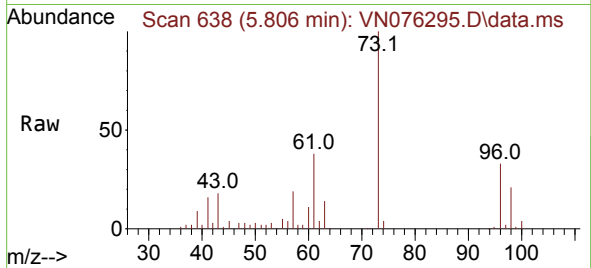




#21
trans-1,2-Dichloroethene
Concen: 18.622 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

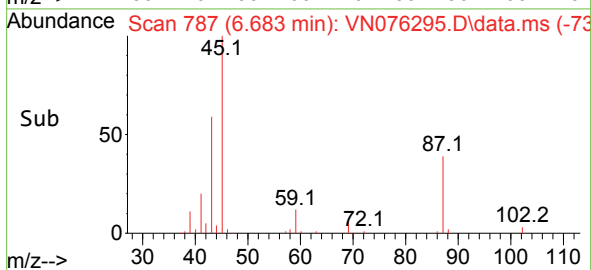
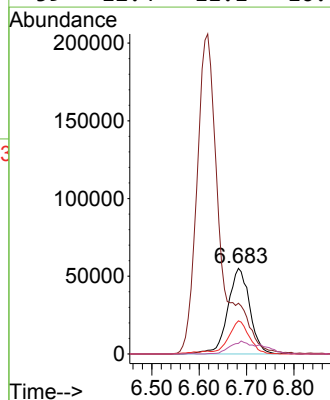
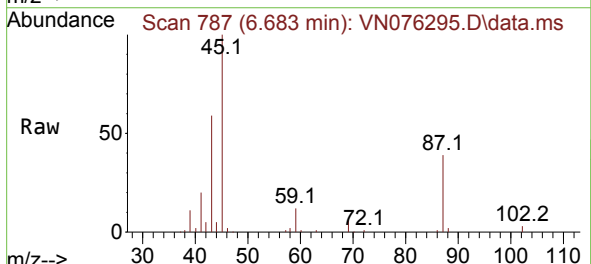
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

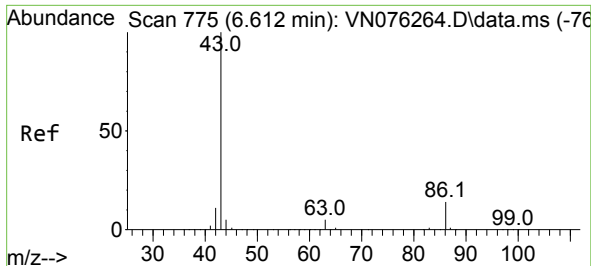
Tgt Ion: 96 Resp: 65773
Ion Ratio Lower Upper
96 100
61 115.9 97.0 145.4
98 65.4 51.9 77.9



#22
Diisopropyl ether
Concen: 19.780 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 45 Resp: 177221
Ion Ratio Lower Upper
45 100
43 56.6 44.4 66.6
87 38.7 28.4 42.6
59 12.4 11.1 16.7

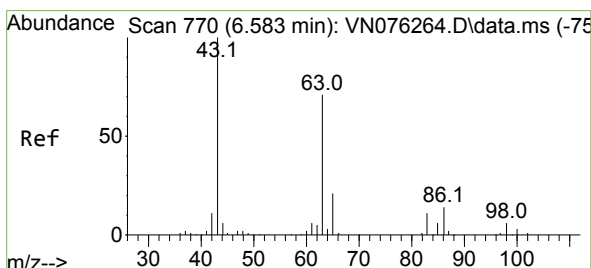
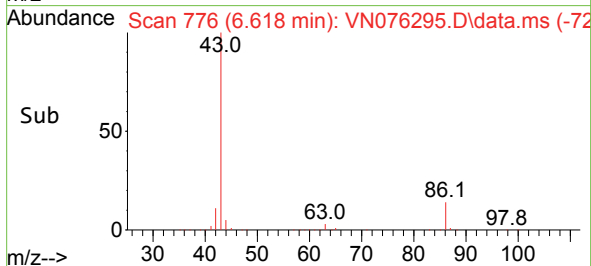
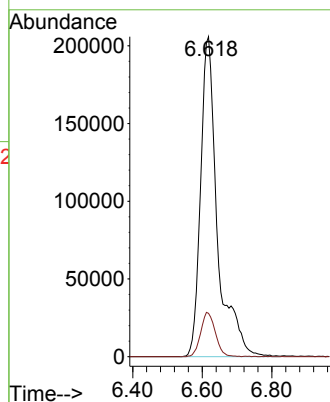
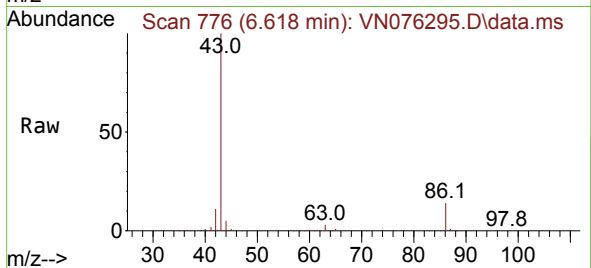




#23
 Vinyl Acetate
 Concen: 119.628 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076295.D
 Acq: 18 Jan 2023 13:56

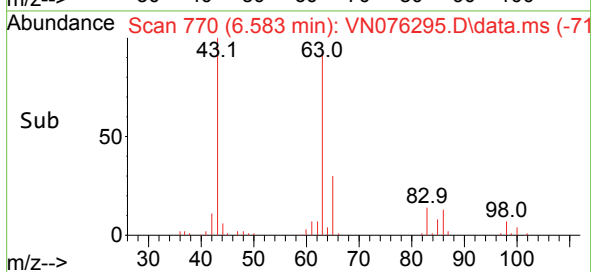
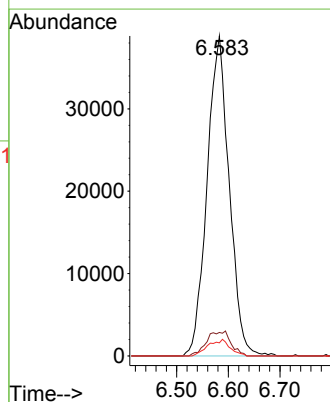
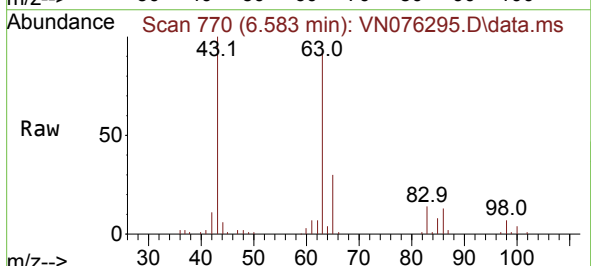
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBSD01

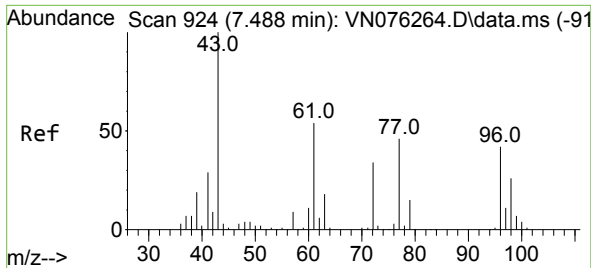
Tgt Ion: 43 Resp: 692715
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 19.366 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076295.D
 Acq: 18 Jan 2023 13:56

Tgt Ion: 63 Resp: 115659
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.1 2.2 6.6

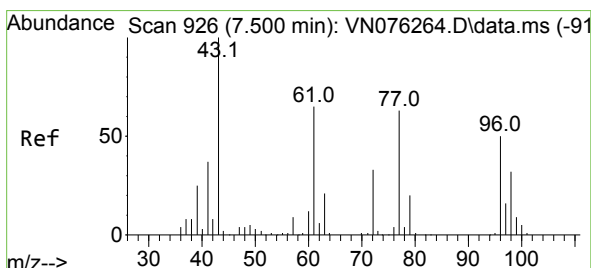
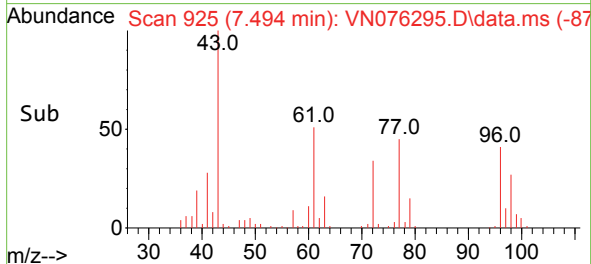
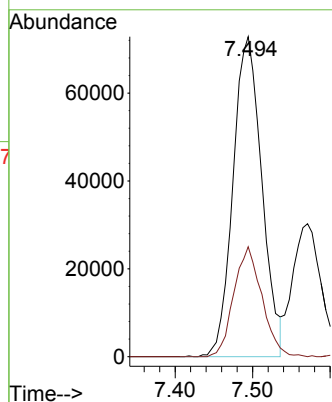
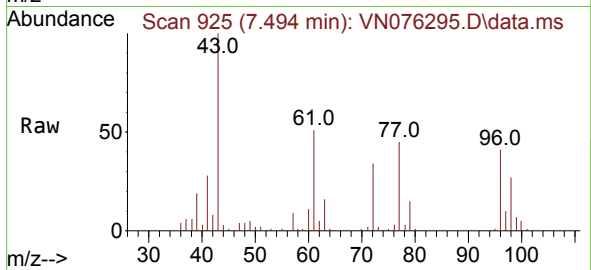




#25
2-Butanone
Concen: 100.866 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

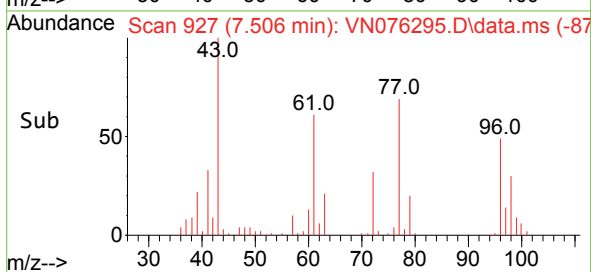
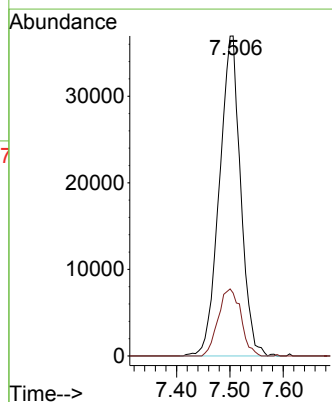
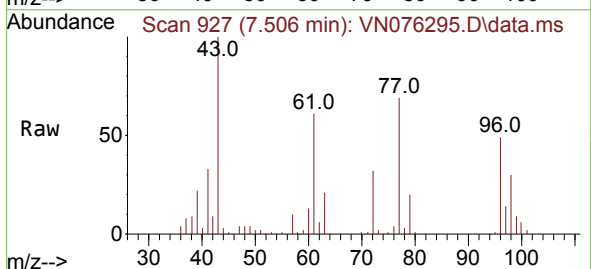
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

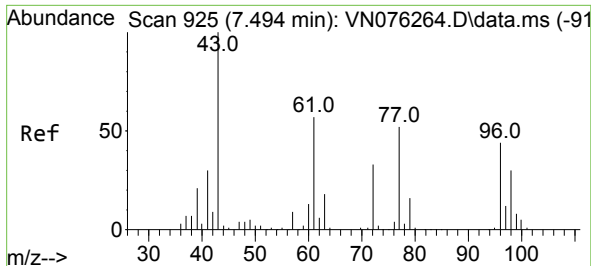
Tgt Ion: 43 Resp: 188213
Ion Ratio Lower Upper
43 100
72 34.3 27.4 41.2



#26
2,2-Dichloropropane
Concen: 20.330 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 77 Resp: 102332
Ion Ratio Lower Upper
77 100
97 22.4 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 19.356 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBSD01

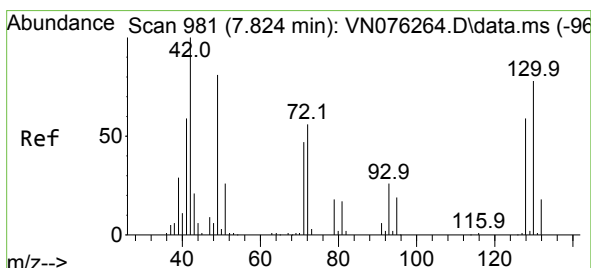
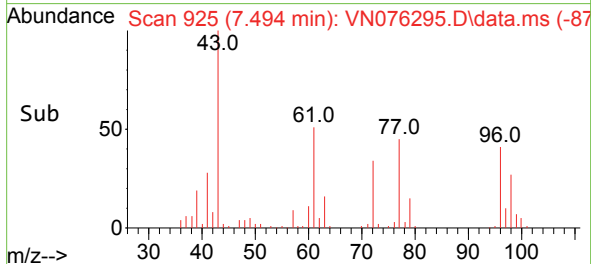
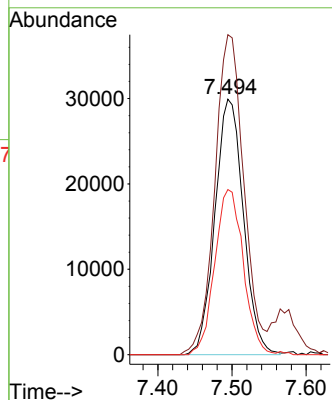
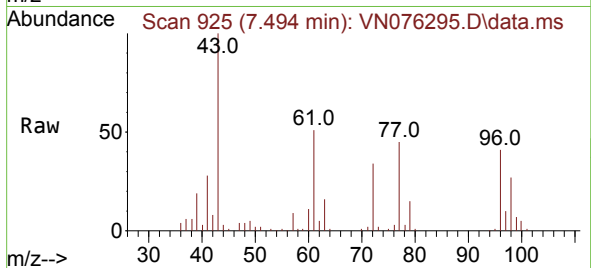
Tgt Ion: 96 Resp: 79736

Ion Ratio Lower Upper

96 100

61 128.0 0.0 259.6

98 64.9 0.0 129.4



#28

Bromochloromethane

Concen: 19.130 ug/l

RT: 7.824 min Scan# 981

Delta R.T. -0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

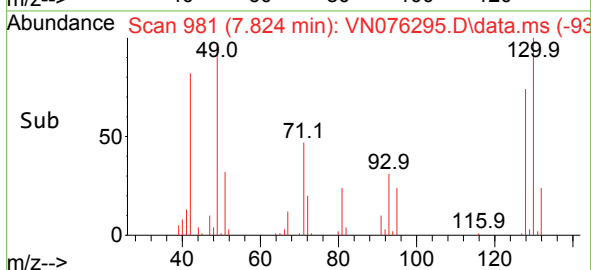
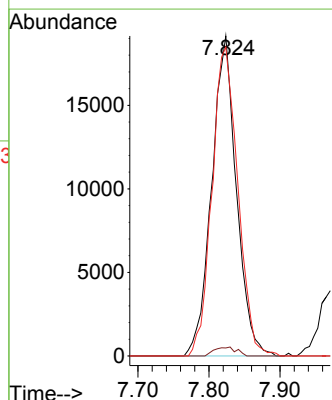
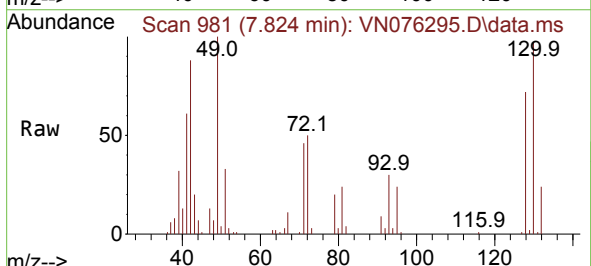
Tgt Ion: 49 Resp: 46308

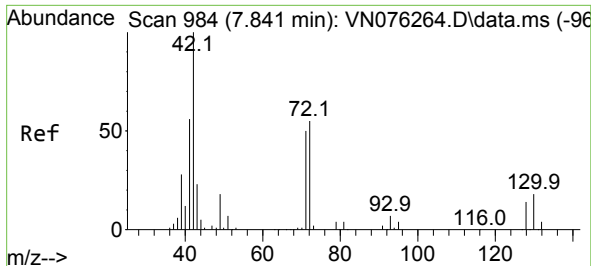
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

130 101.0 76.0 114.0





#29

Tetrahydrofuran

Concen: 106.384 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBSD01

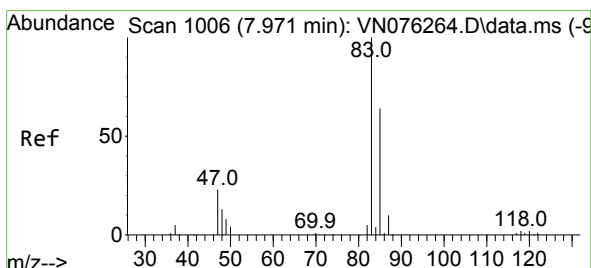
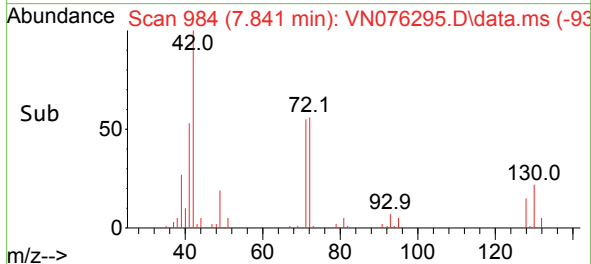
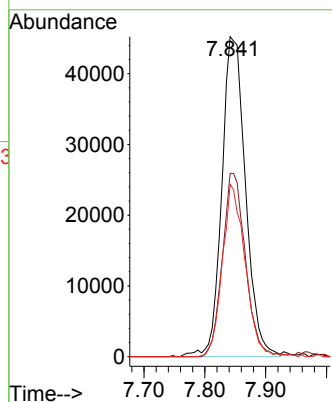
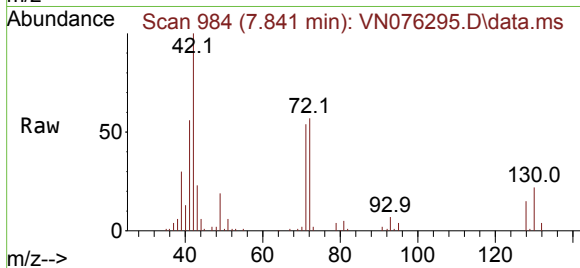
Tgt Ion: 42 Resp: 122517

Ion Ratio Lower Upper

42 100

72 55.8 44.0 66.0

71 51.7 41.1 61.7



#30

Chloroform

Concen: 19.645 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076295.D

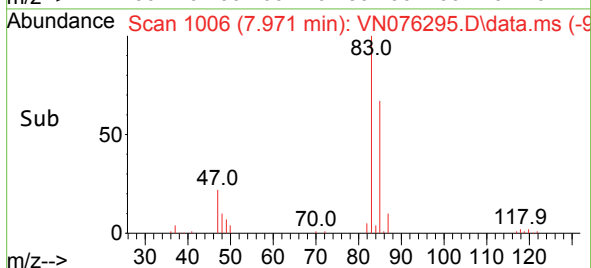
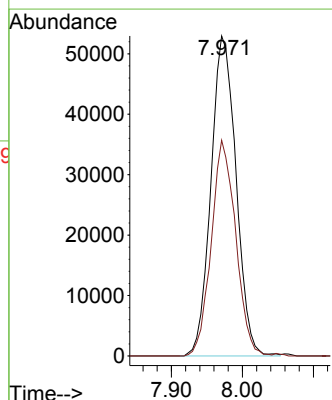
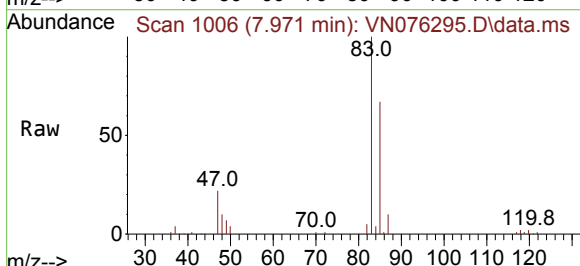
Acq: 18 Jan 2023 13:56

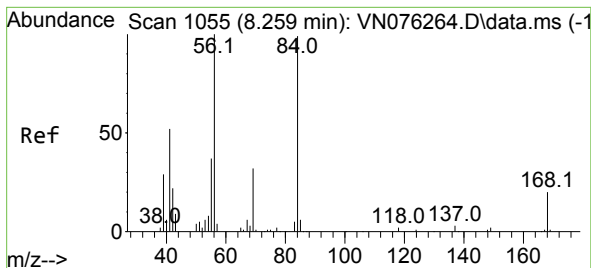
Tgt Ion: 83 Resp: 129824

Ion Ratio Lower Upper

83 100

85 67.4 51.0 76.6





#31

Cyclohexane

Concen: 18.529 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

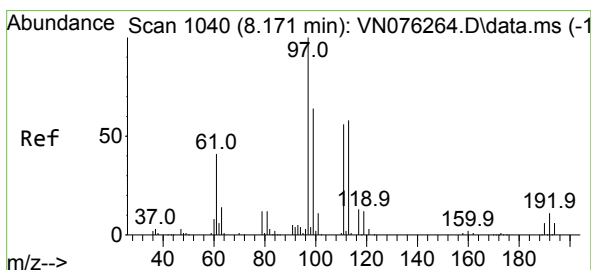
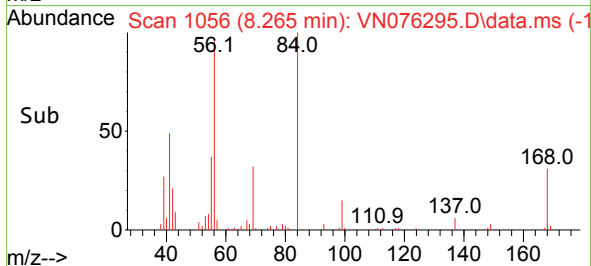
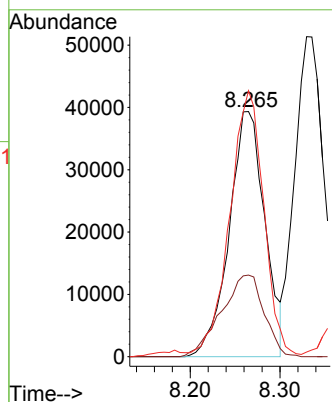
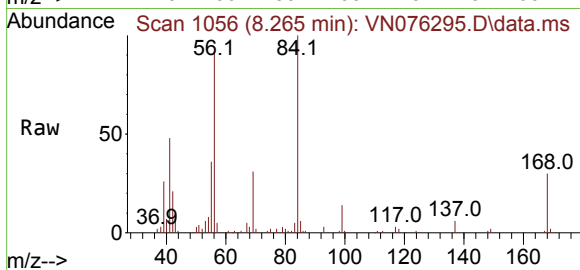
Tgt Ion: 56 Resp: 108481

Ion Ratio Lower Upper

56 100

69 33.3 25.8 38.8

84 106.8 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 19.351 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

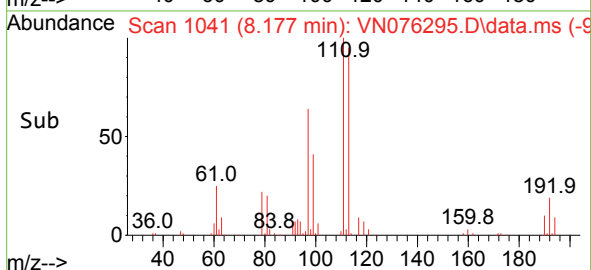
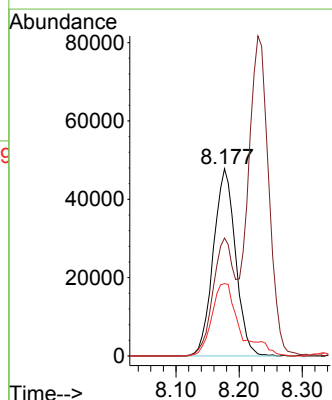
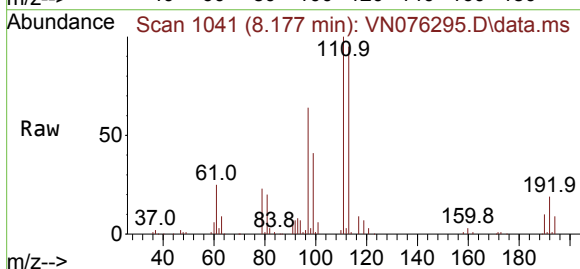
Tgt Ion: 97 Resp: 116755

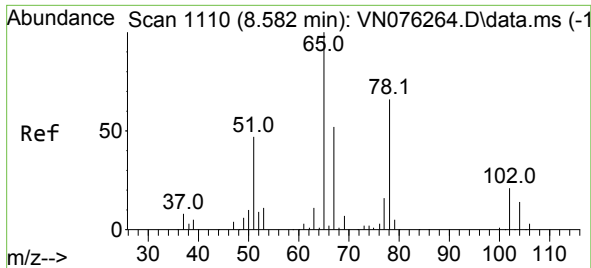
Ion Ratio Lower Upper

97 100

99 58.3 55.0 82.4

61 48.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 52.081 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

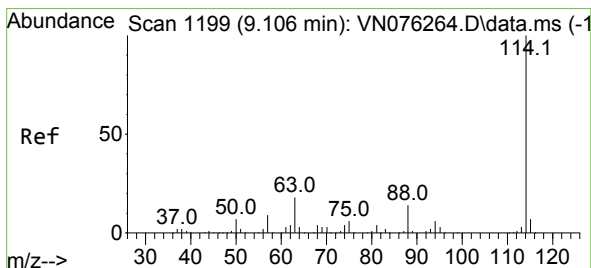
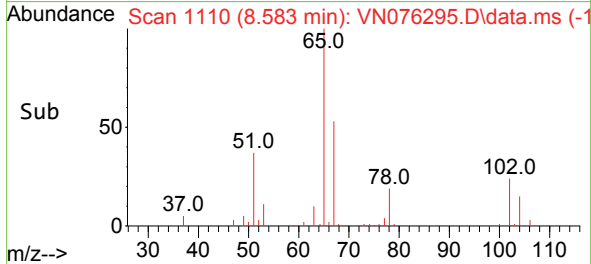
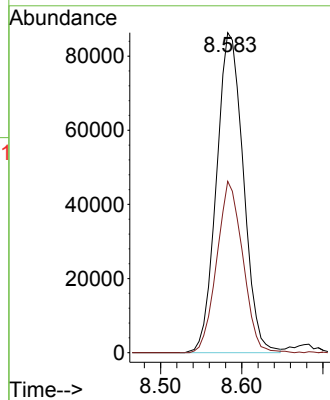
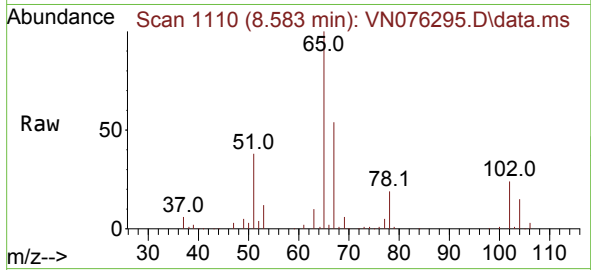
VN0118MBS01

Tgt Ion: 65 Resp: 198489

Ion Ratio Lower Upper

65 100

67 51.8 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: VN076295.D

Acq: 18 Jan 2023 13:56

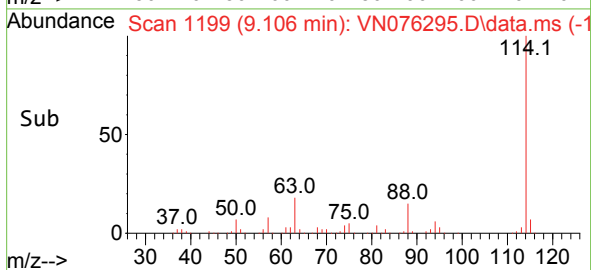
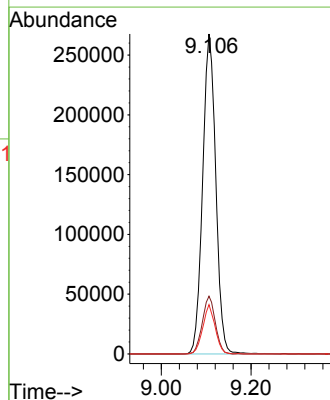
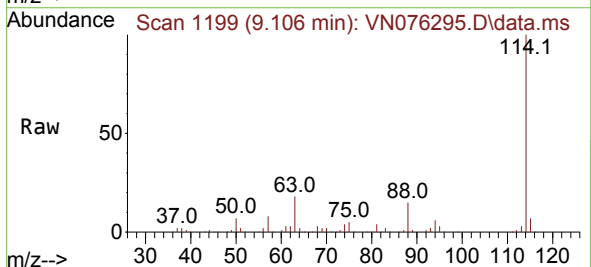
Tgt Ion: 114 Resp: 543090

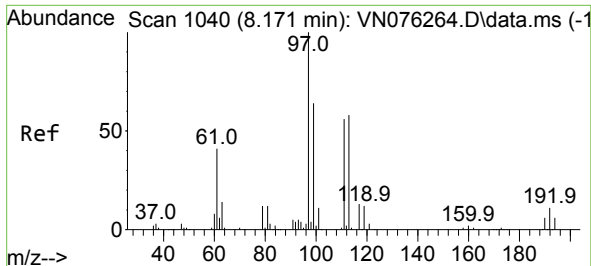
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

88 15.4 0.0 28.0





#35

Dibromofluoromethane

Concen: 51.388 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBSD01

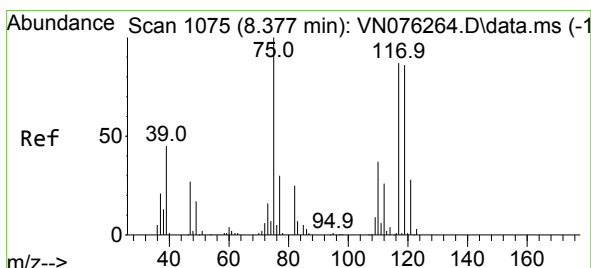
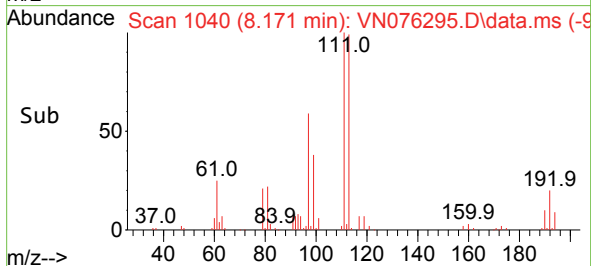
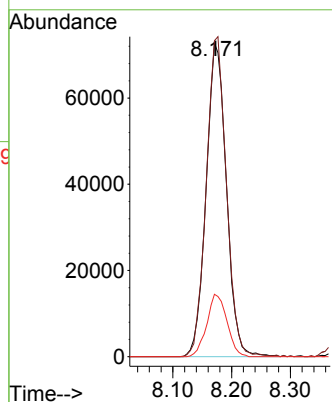
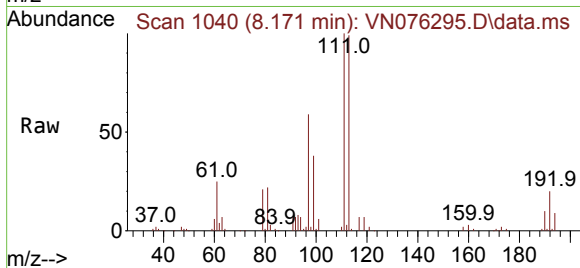
Tgt Ion:113 Resp: 174579

Ion Ratio Lower Upper

113 100

111 101.2 82.7 124.1

192 19.8 15.6 23.4



#36

1,1-Dichloropropene

Concen: 18.846 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

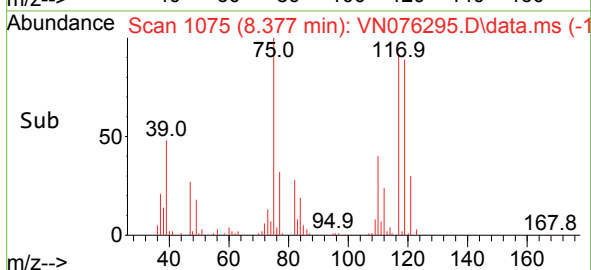
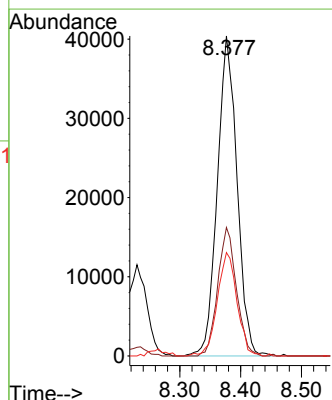
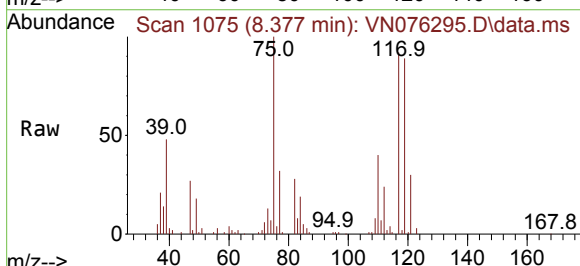
Tgt Ion: 75 Resp: 90979

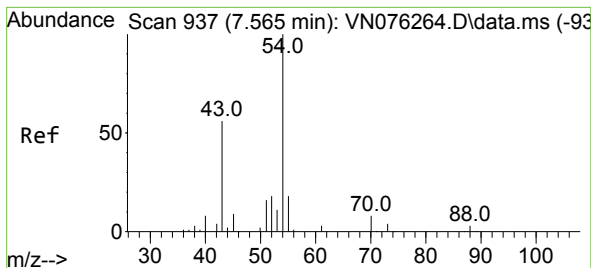
Ion Ratio Lower Upper

75 100

110 38.0 18.8 56.3

77 32.3 25.0 37.4





#37

Ethyl Acetate

Concen: 20.613 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBSD01

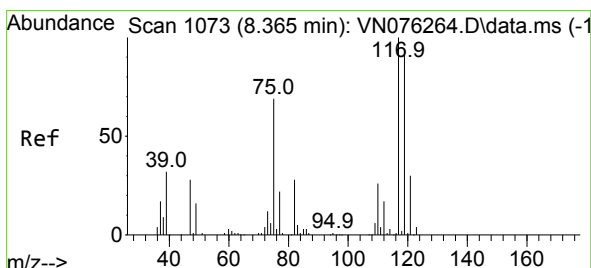
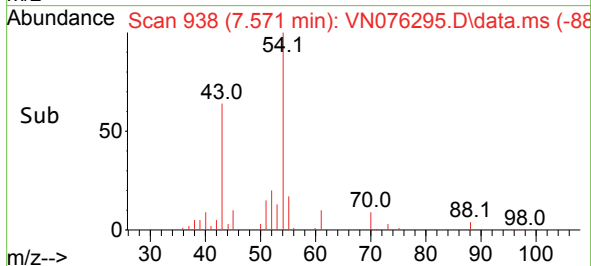
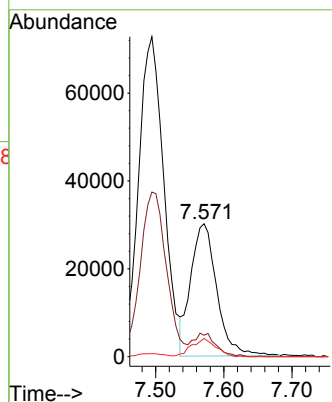
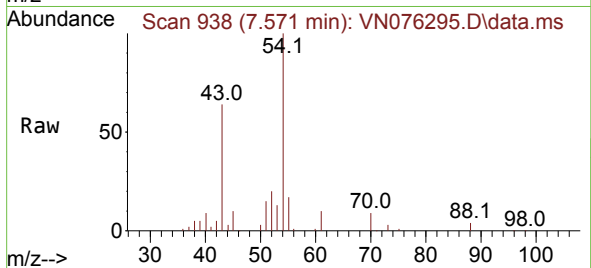
Tgt Ion: 43 Resp: 79730

Ion Ratio Lower Upper

43 100

61 15.2 11.1 16.7

70 12.8 10.0 15.0



#38

Carbon Tetrachloride

Concen: 19.366 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

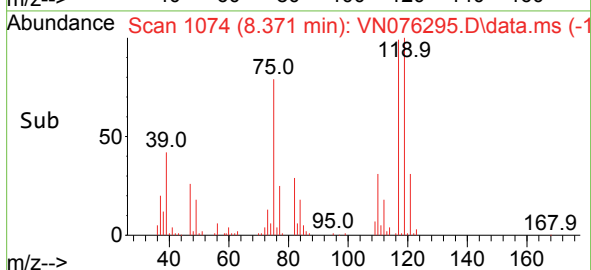
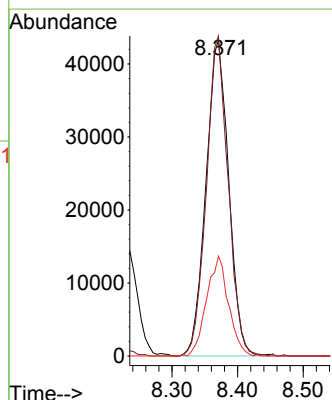
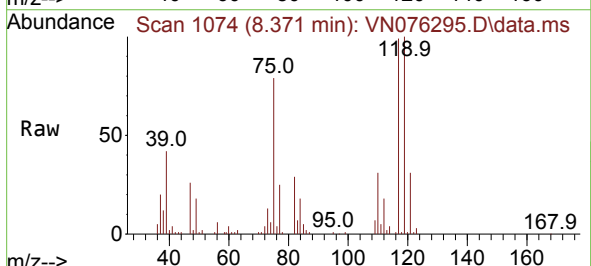
Tgt Ion: 117 Resp: 104252

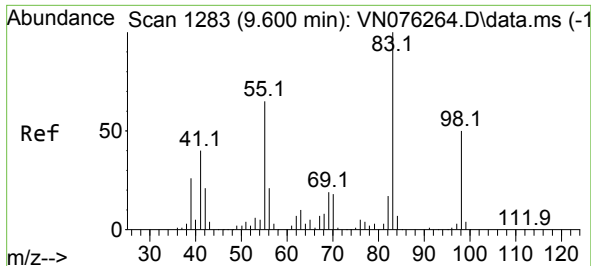
Ion Ratio Lower Upper

117 100

119 101.3 75.4 113.0

121 31.6 24.2 36.2





#39

Methylcyclohexane

Concen: 20.087 ug/l

RT: 9.606 min Scan# 118418

Delta R.T. 0.006 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBSD01

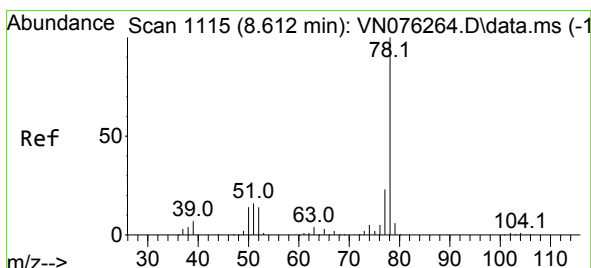
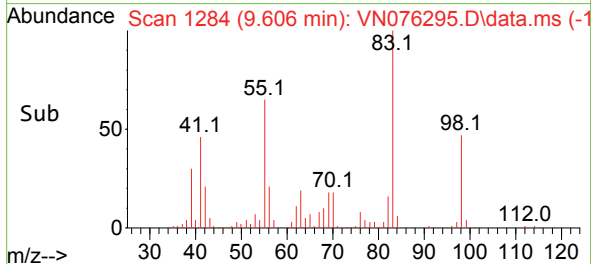
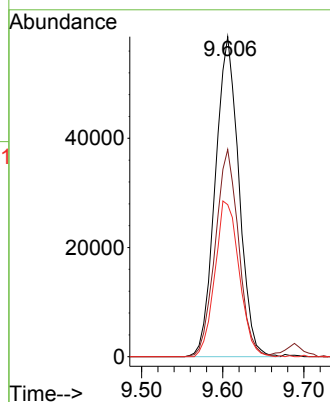
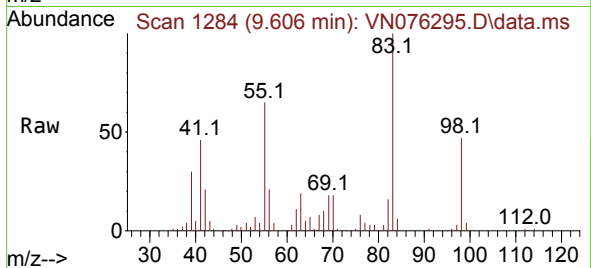
Tgt Ion: 83 Resp: 118418

Ion Ratio Lower Upper

83 100

55 64.8 51.7 77.5

98 47.5 40.0 60.0



#40

Benzene

Concen: 19.374 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076295.D

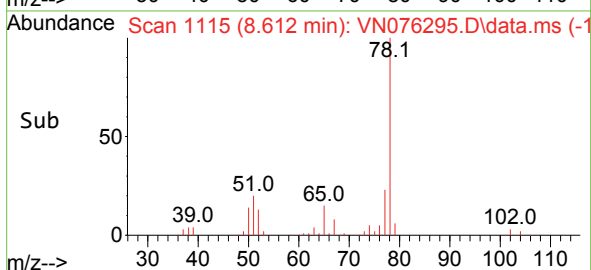
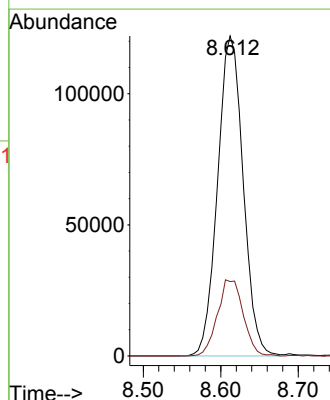
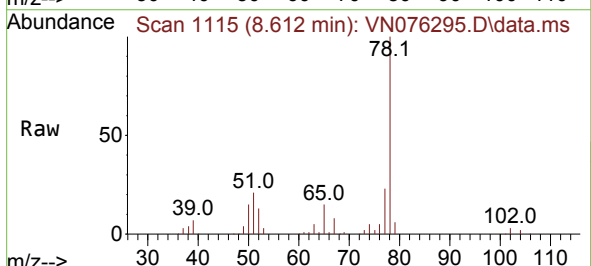
Acq: 18 Jan 2023 13:56

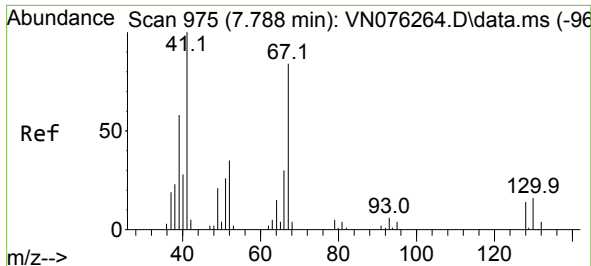
Tgt Ion: 78 Resp: 279657

Ion Ratio Lower Upper

78 100

77 23.2 18.6 28.0

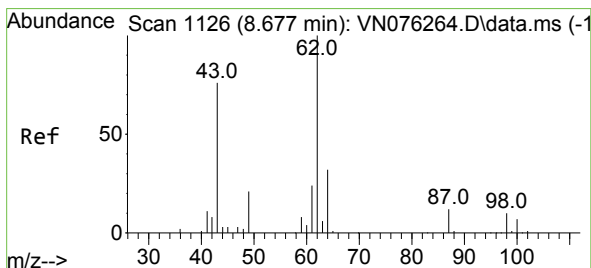
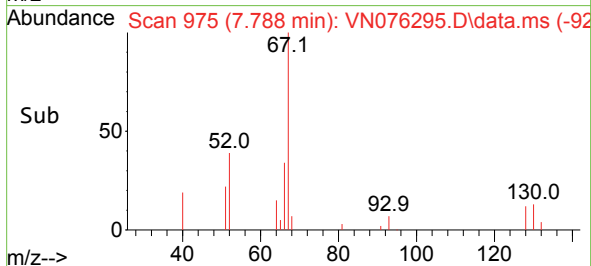
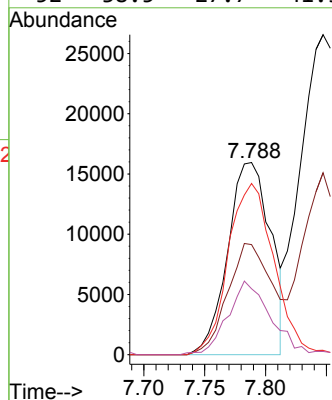
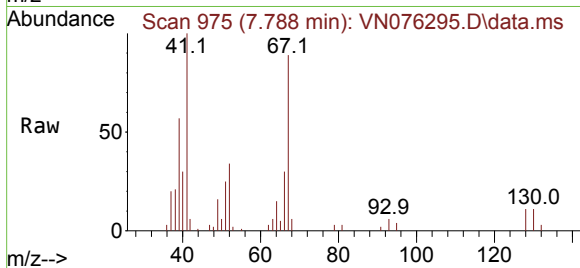




#41
Methacrylonitrile
Concen: 19.349 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

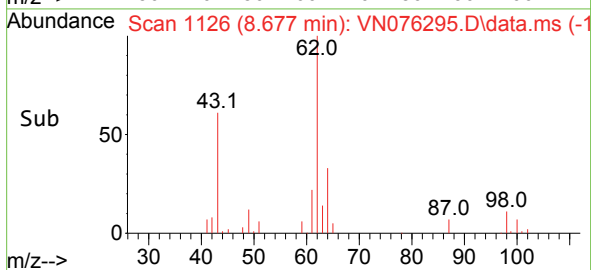
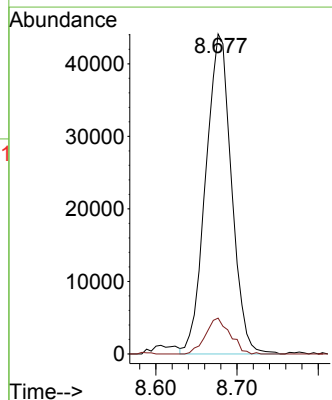
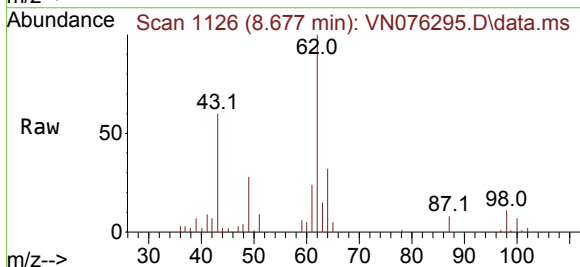
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

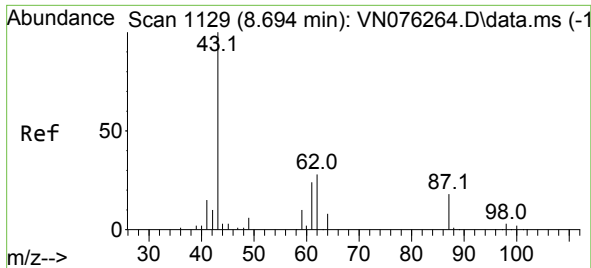
Tgt Ion:	41	Resp:	39227
Ion	Ratio	Lower	Upper
41	100		
39	62.3	42.4	63.6
67	95.0	68.8	103.2
52	38.5	27.7	41.5



#42
1,2-Dichloroethane
Concen: 19.693 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion:	62	Resp:	97259
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.4

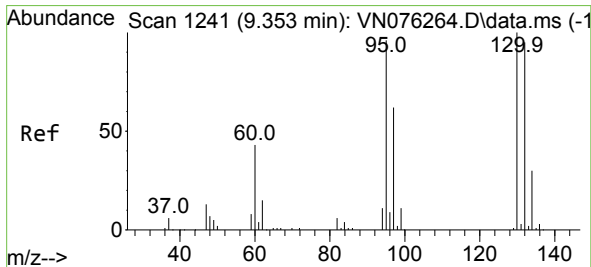
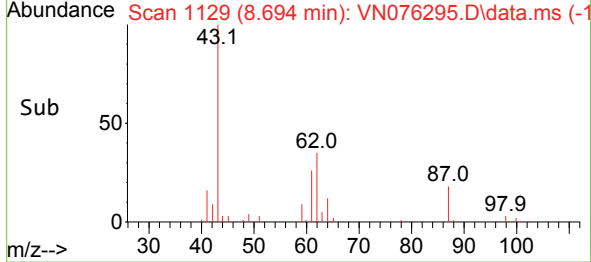
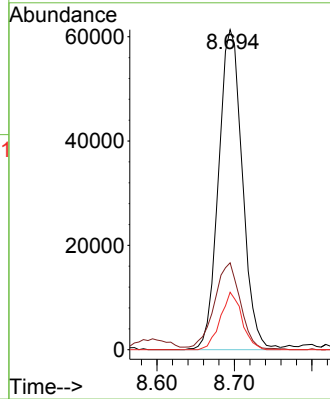
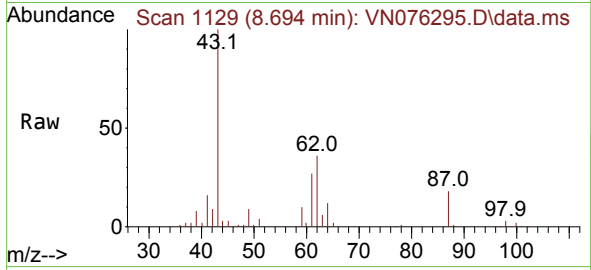




#43
Isopropyl Acetate
Concen: 20.791 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

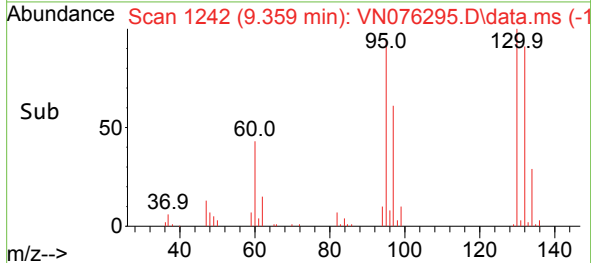
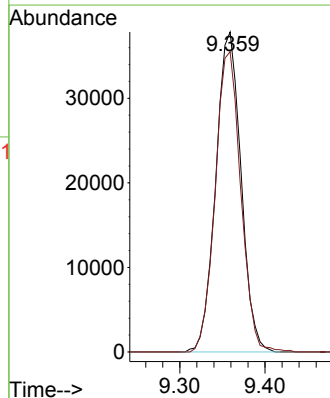
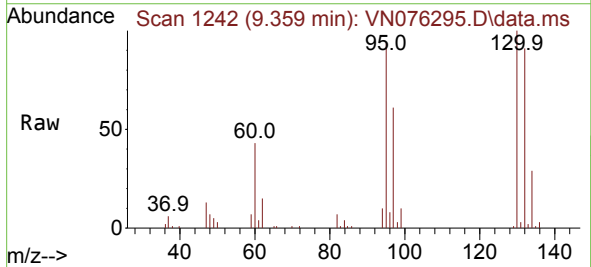
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

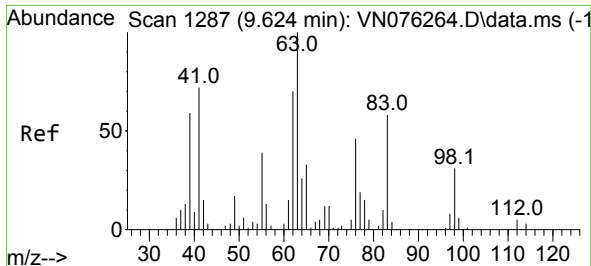
Tgt Ion: 43 Resp: 130964
Ion Ratio Lower Upper
43 100
61 30.1 23.5 35.3
87 16.3 13.8 20.6



#44
Trichloroethene
Concen: 19.033 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion:130 Resp: 77703
Ion Ratio Lower Upper
130 100
95 93.8 0.0 192.0

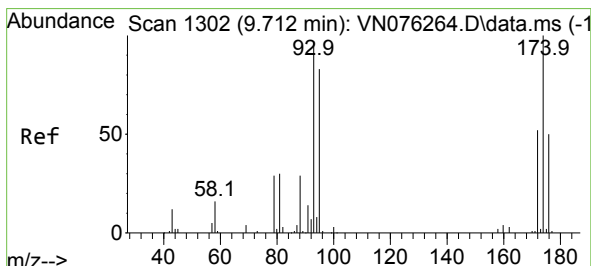
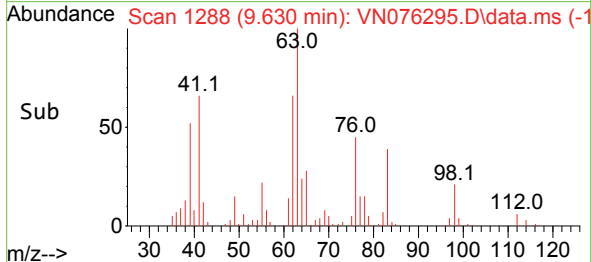
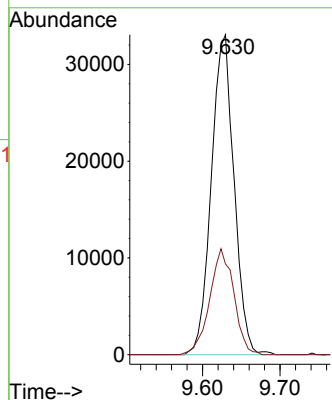
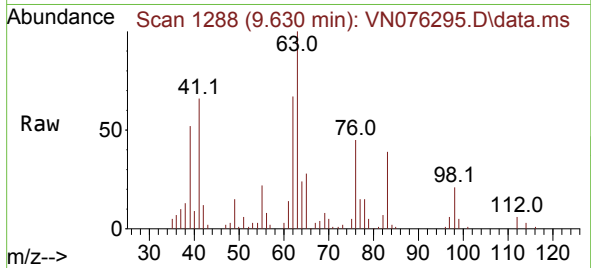




#45
1,2-Dichloropropane
Concen: 19.465 ug/l
RT: 9.630 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

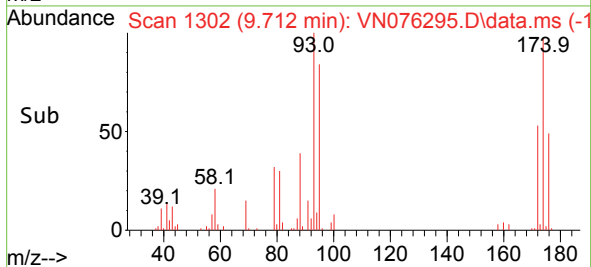
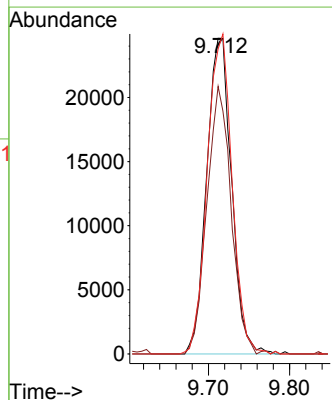
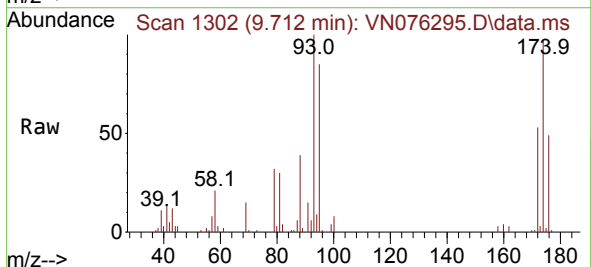
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

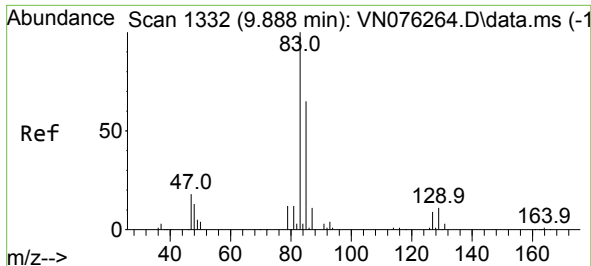
Tgt Ion: 63 Resp: 67271
Ion Ratio Lower Upper
63 100
65 28.4 26.4 39.6



#46
Dibromomethane
Concen: 20.119 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 93 Resp: 52496
Ion Ratio Lower Upper
93 100
95 82.5 66.0 99.0
174 101.2 81.3 121.9

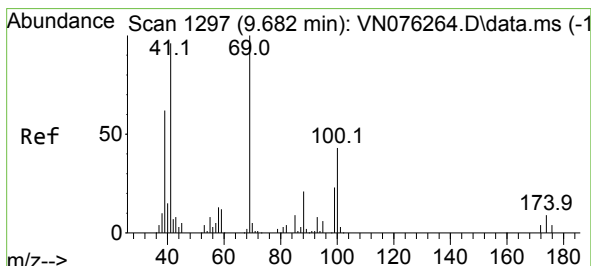
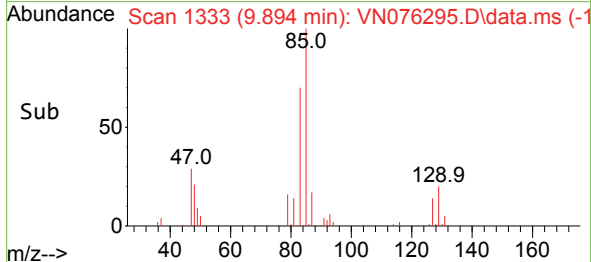
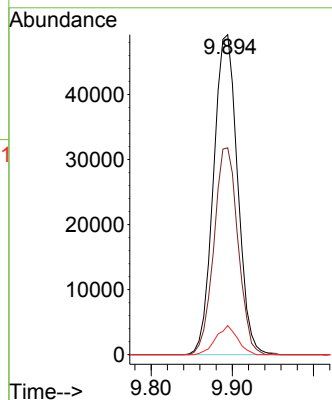
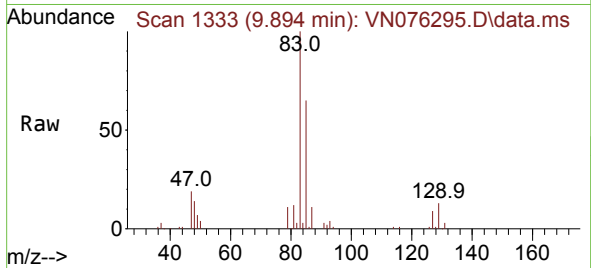




#47
Bromodichloromethane
Concen: 20.005 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

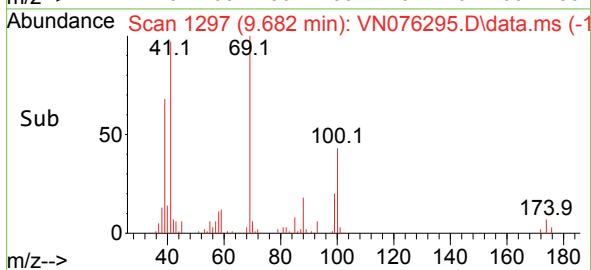
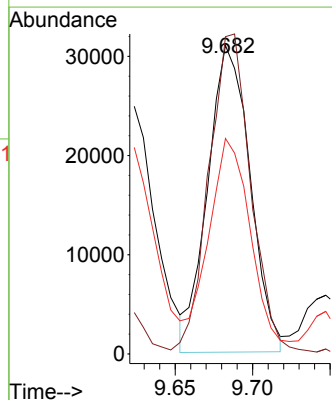
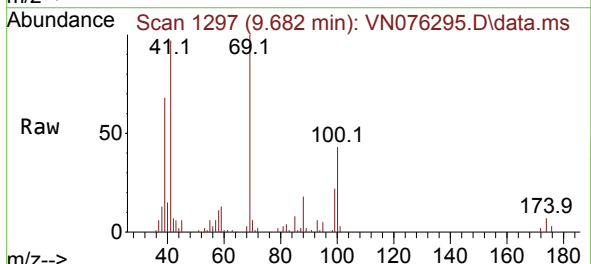
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

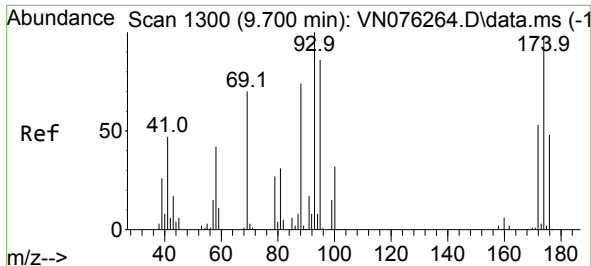
Tgt Ion: 83 Resp: 101242
Ion Ratio Lower Upper
83 100
85 64.7 52.1 78.1
127 9.1 7.4 11.0



#48
Methyl methacrylate
Concen: 19.732 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 41 Resp: 58841
Ion Ratio Lower Upper
41 100
69 102.8 80.8 121.2
39 71.0 54.4 81.6





#49

1,4-Dioxane

Concen: 458.018 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBSD01

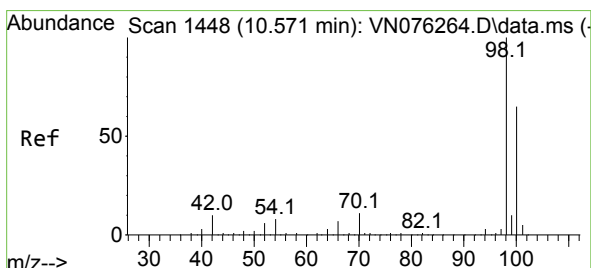
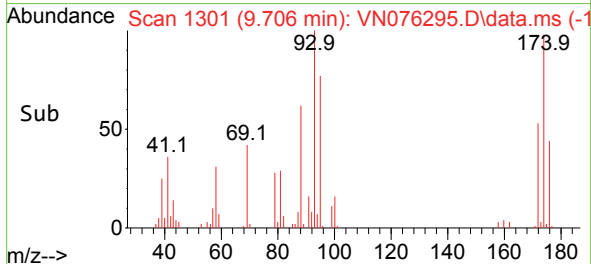
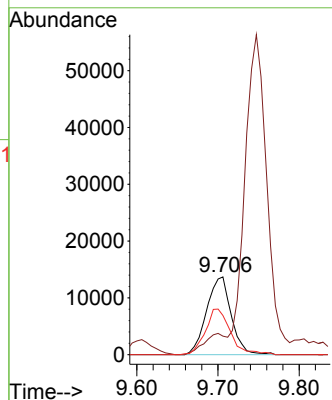
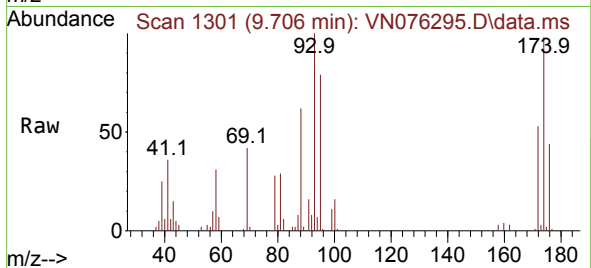
Tgt Ion: 88 Resp: 28820

Ion Ratio Lower Upper

88 100

43 25.5 18.1 27.1

58 60.0 46.5 69.7



#50

Toluene-d8

Concen: 51.995 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076295.D

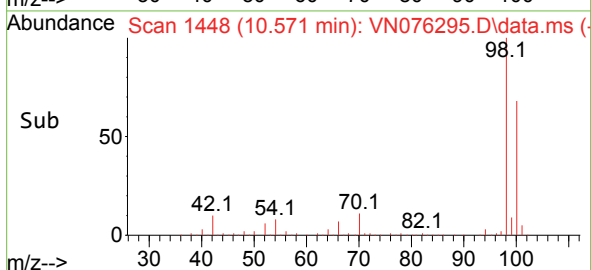
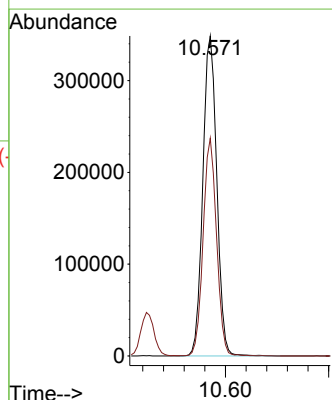
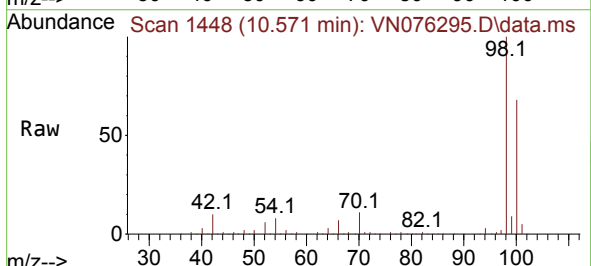
Acq: 18 Jan 2023 13:56

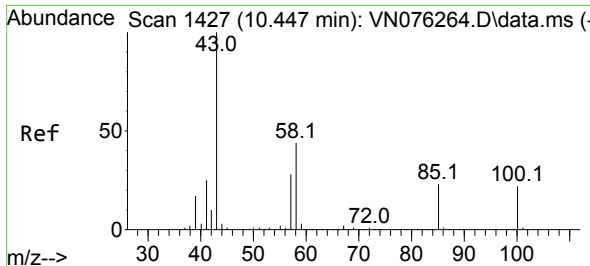
Tgt Ion: 98 Resp: 652351

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 105.777 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

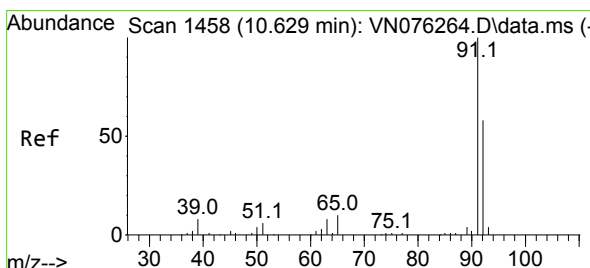
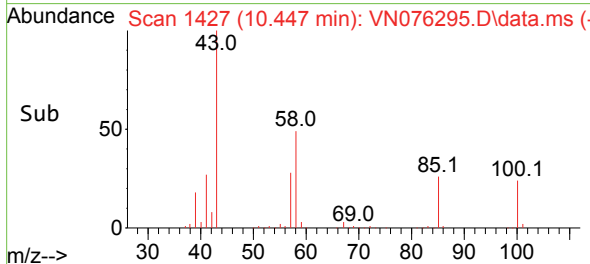
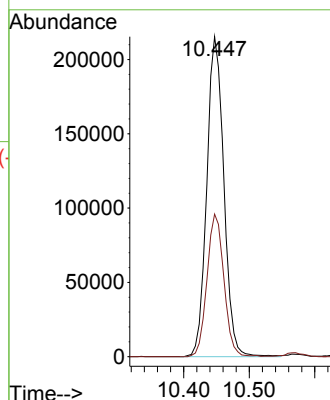
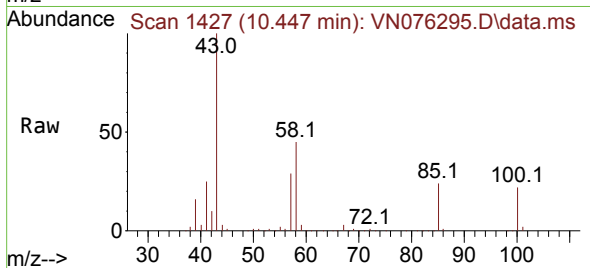
VN0118MBSD01

Tgt Ion: 43 Resp: 391140

Ion Ratio Lower Upper

43 100

58 44.1 35.1 52.7



#52

Toluene

Concen: 19.205 ug/l

RT: 10.629 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VN076295.D

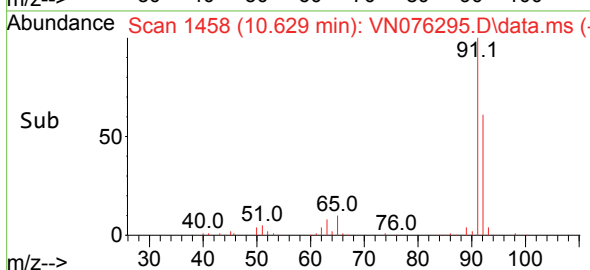
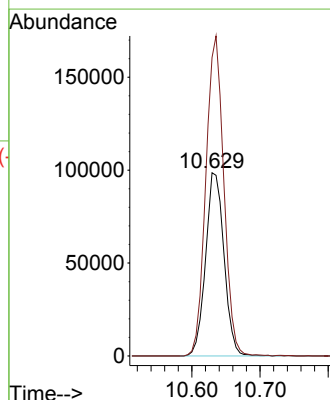
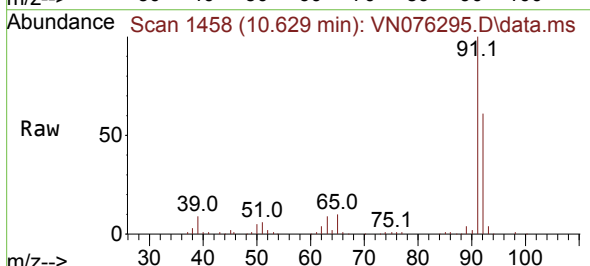
Acq: 18 Jan 2023 13:56

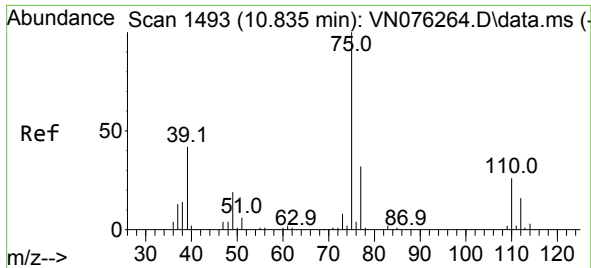
Tgt Ion: 92 Resp: 185384

Ion Ratio Lower Upper

92 100

91 170.3 136.6 205.0

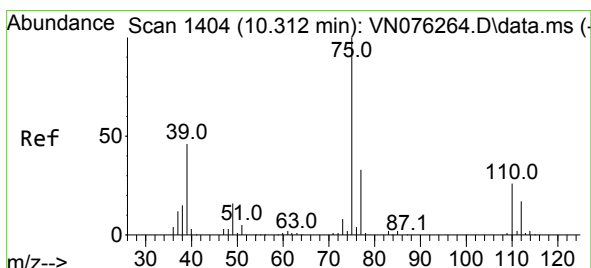
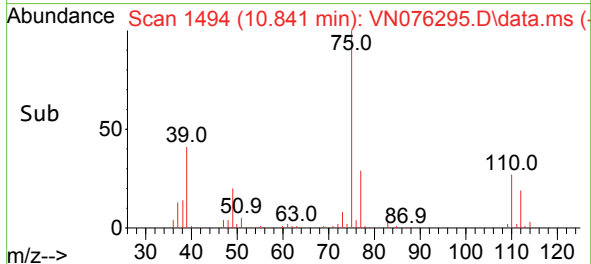
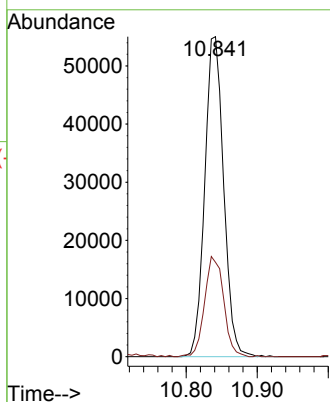
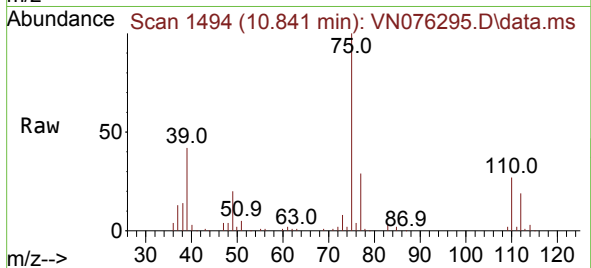




#53
 t-1,3-Dichloropropene
 Concen: 21.080 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN076295.D
 Acq: 18 Jan 2023 13:56

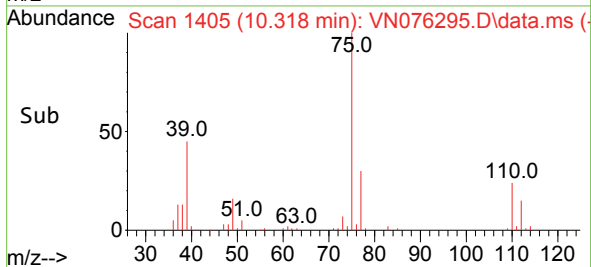
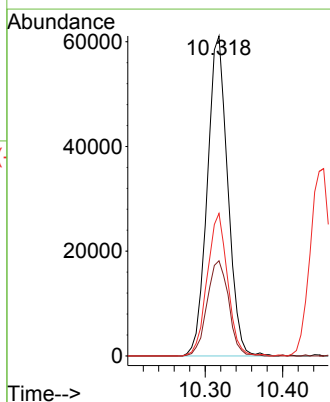
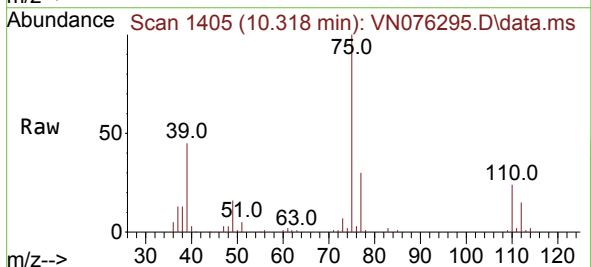
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBSD01

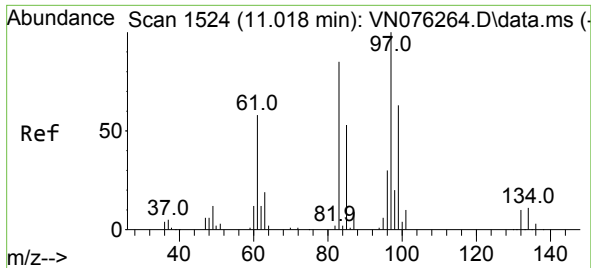
Tgt Ion: 75 Resp: 101698
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.216 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076295.D
 Acq: 18 Jan 2023 13:56

Tgt Ion: 75 Resp: 112204
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.5 39.7
 39 44.6 37.1 55.7

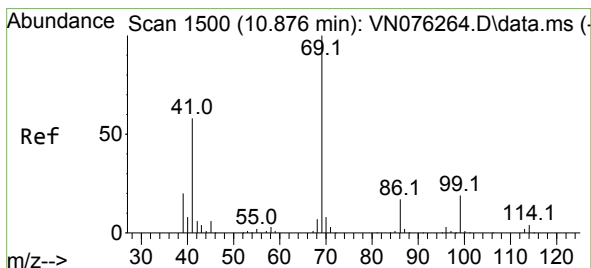
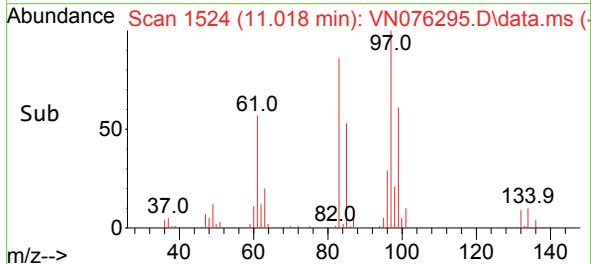
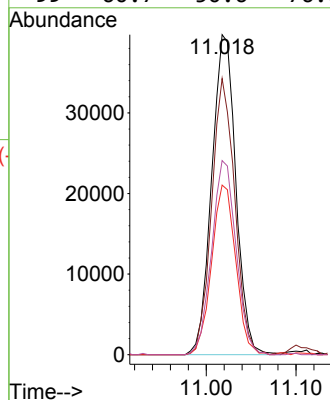
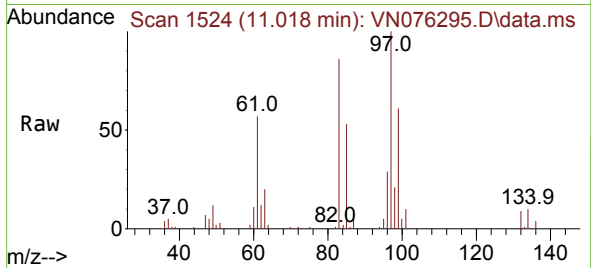




#55
1,1,2-Trichloroethane
Concen: 20.066 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

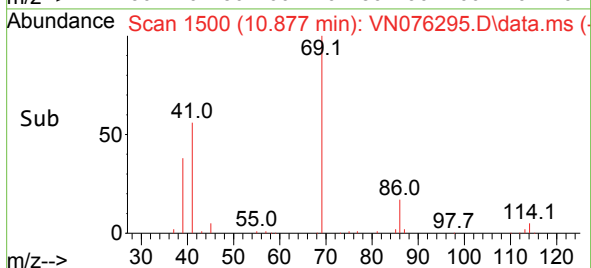
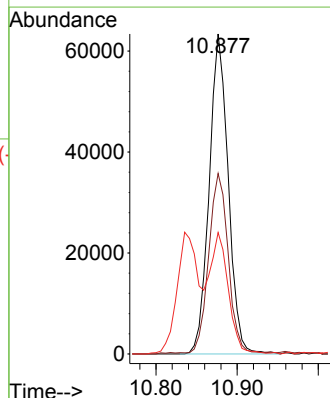
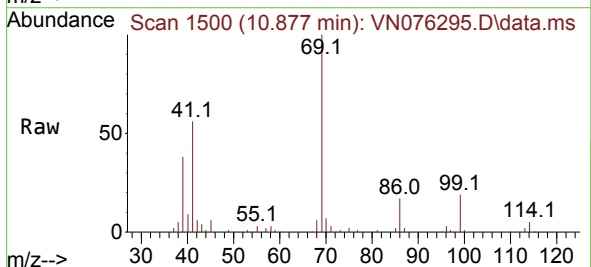
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

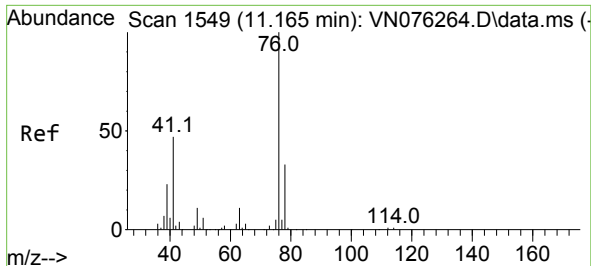
Tgt Ion: 97	Resp: 74037
Ion Ratio	Lower Upper
97 100	
83 86.3	67.8 101.6
85 53.0	42.3 63.5
99 60.7	50.6 76.0



#56
Ethyl methacrylate
Concen: 21.684 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 69	Resp: 103293
Ion Ratio	Lower Upper
69 100	
41 56.8	45.3 67.9
39 36.9	29.3 43.9





#57

1,3-Dichloropropane

Concen: 19.798 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

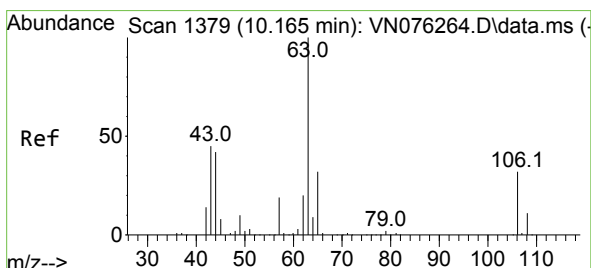
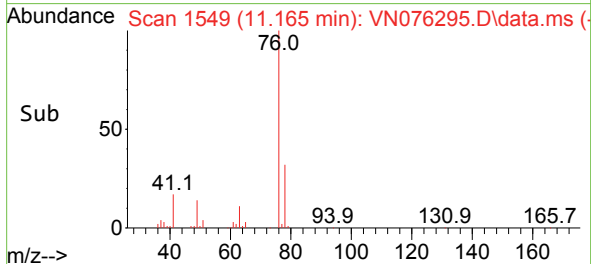
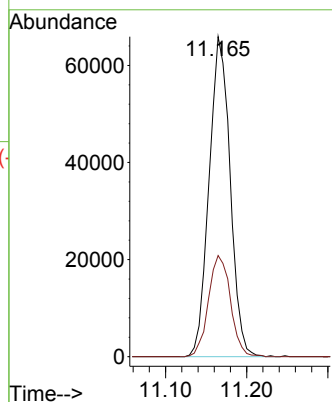
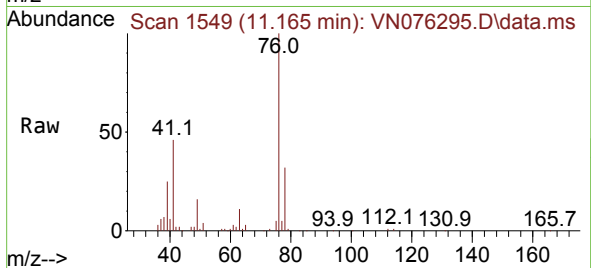
VN0118MBSD01

Tgt Ion: 76 Resp: 118711

Ion Ratio Lower Upper

76 100

78 33.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 98.271 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076295.D

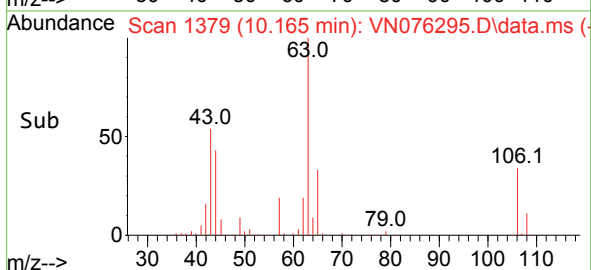
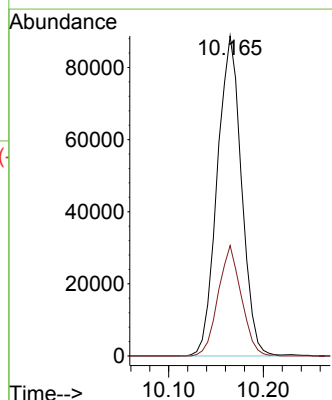
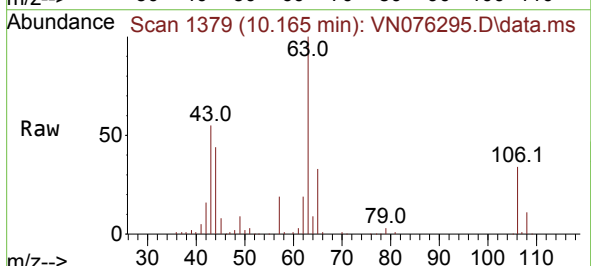
Acq: 18 Jan 2023 13:56

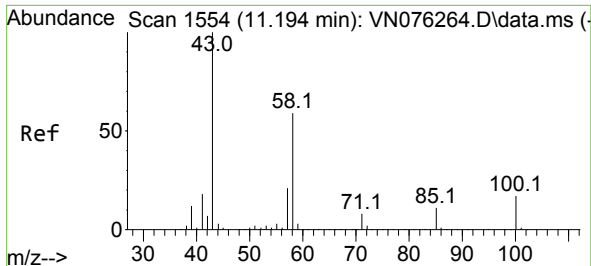
Tgt Ion: 63 Resp: 158033

Ion Ratio Lower Upper

63 100

106 33.0 26.2 39.2

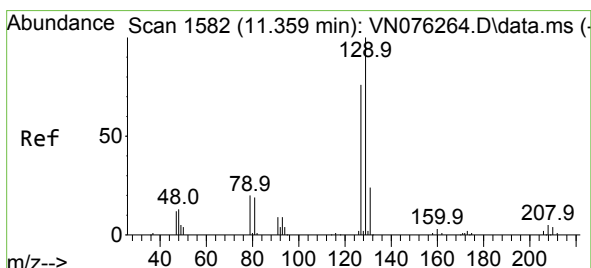
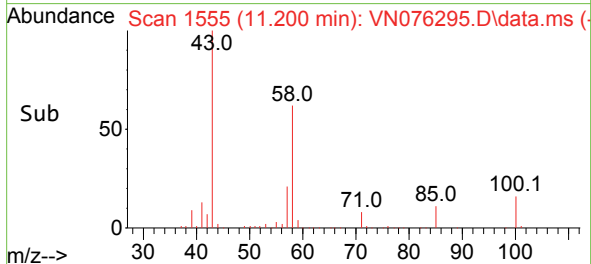
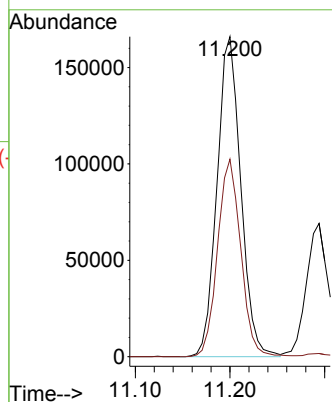
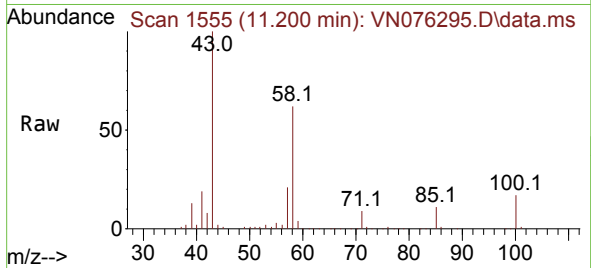




#59
2-Hexanone
Concen: 108.073 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

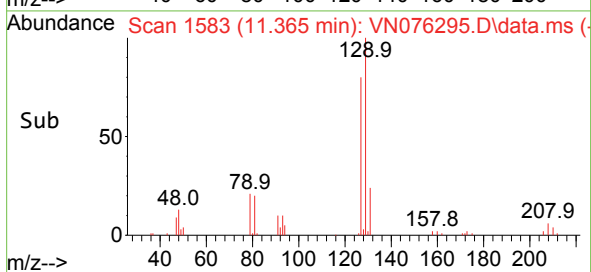
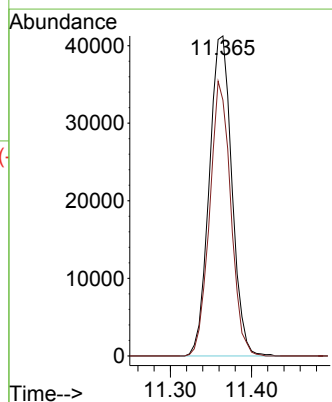
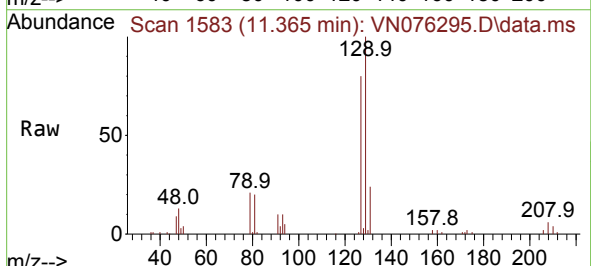
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

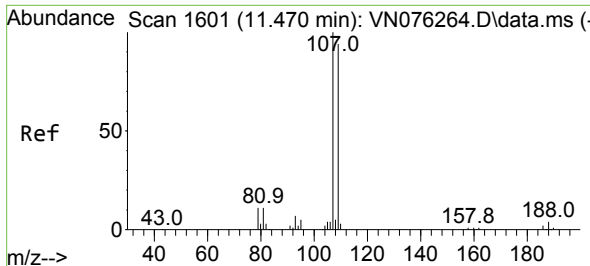
Tgt Ion: 43 Resp: 289593
Ion Ratio Lower Upper
43 100
58 60.2 30.1 90.3



#60
Dibromochloromethane
Concen: 20.541 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 129 Resp: 79785
Ion Ratio Lower Upper
129 100
127 80.0 38.7 116.1

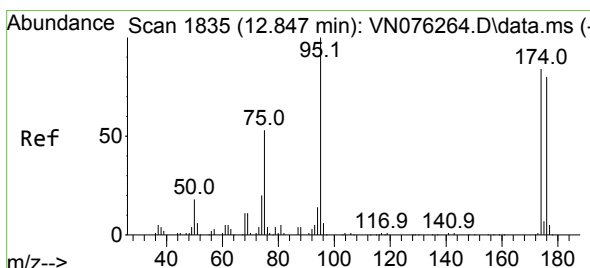
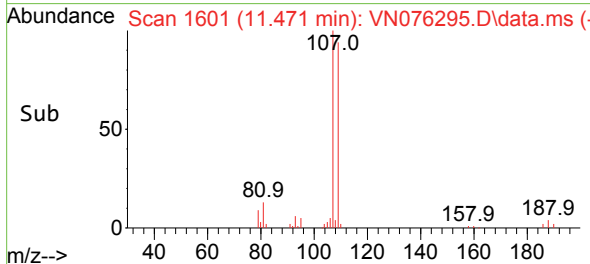
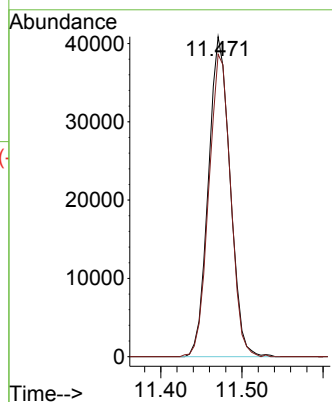
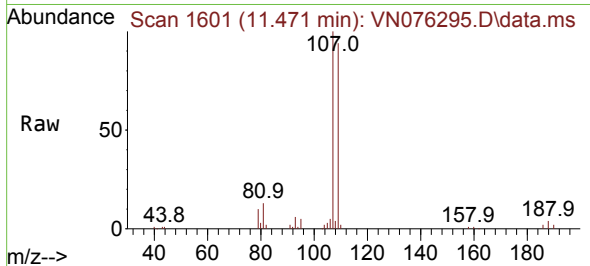




#61
1,2-Dibromoethane
Concen: 20.619 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

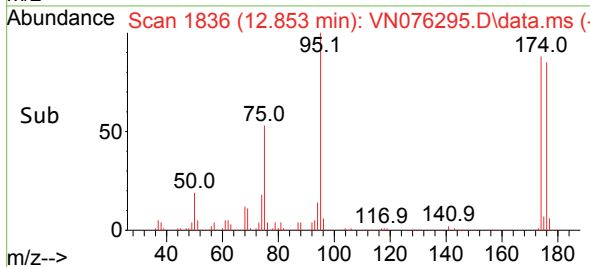
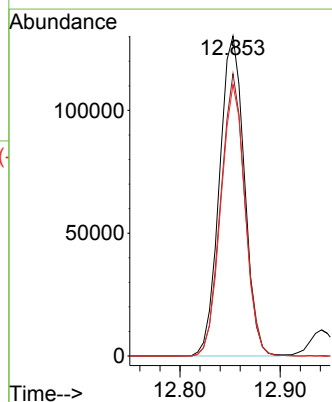
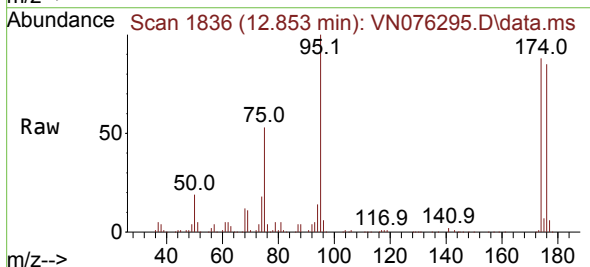
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

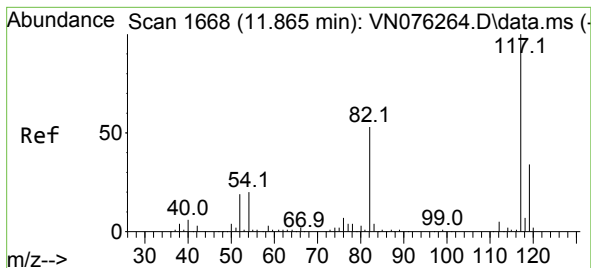
Tgt Ion:107 Resp: 75939
Ion Ratio Lower Upper
107 100
109 94.7 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 54.798 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 95 Resp: 224445
Ion Ratio Lower Upper
95 100
174 85.4 0.0 174.6
176 82.5 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBSD01

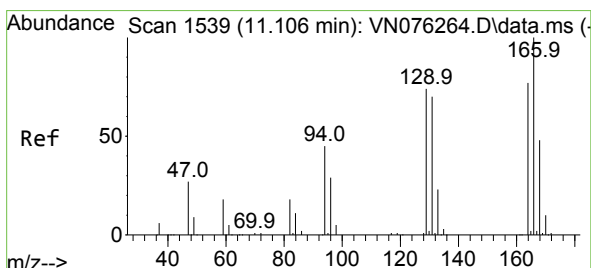
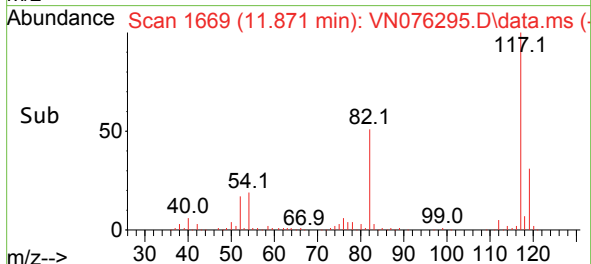
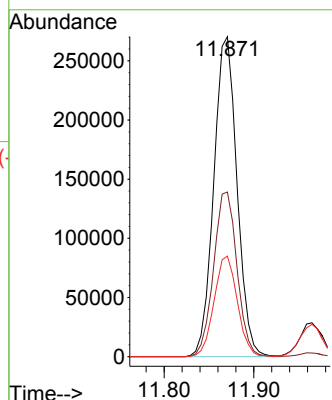
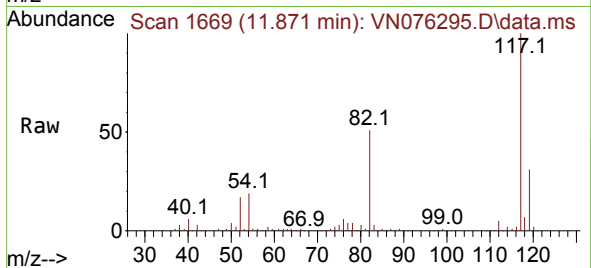
Tgt Ion:117 Resp: 486371

Ion Ratio Lower Upper

117 100

82 51.4 42.2 63.2

119 31.4 26.9 40.3



#64

Tetrachloroethene

Concen: 18.495 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Tgt Ion:164 Resp: 81123

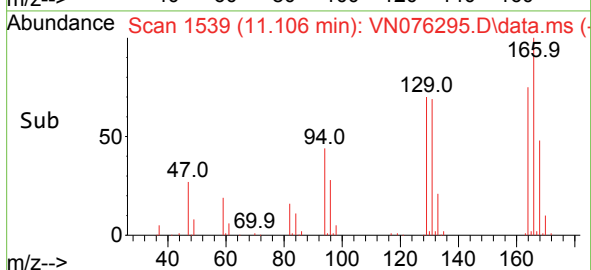
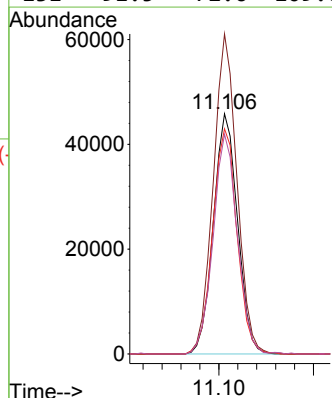
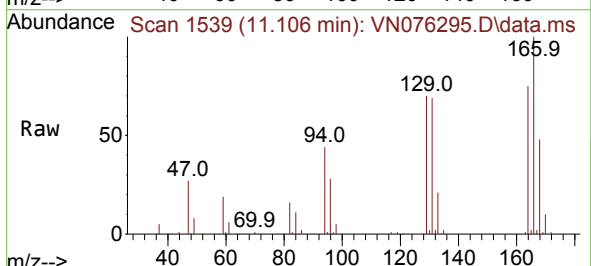
Ion Ratio Lower Upper

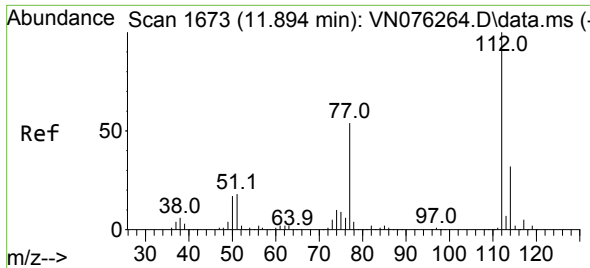
164 100

166 133.3 104.0 156.0

129 93.8 76.6 114.8

131 91.5 72.6 109.0

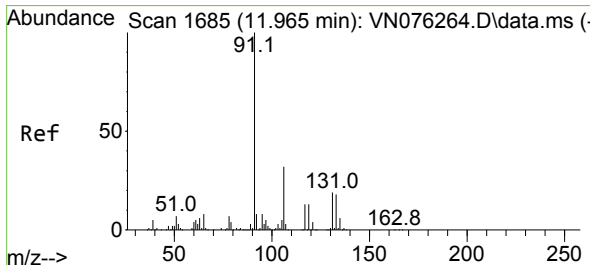
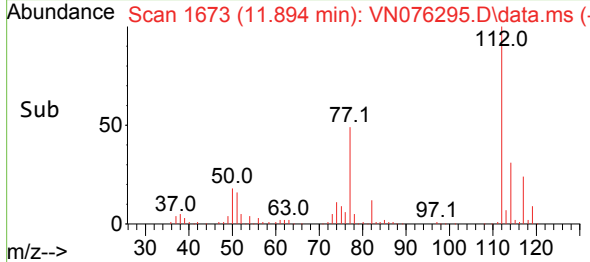
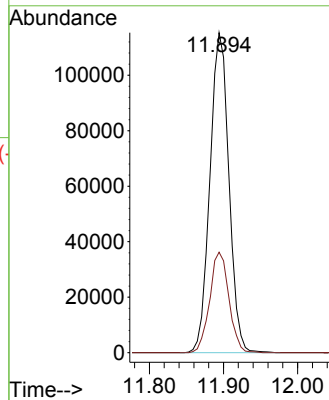
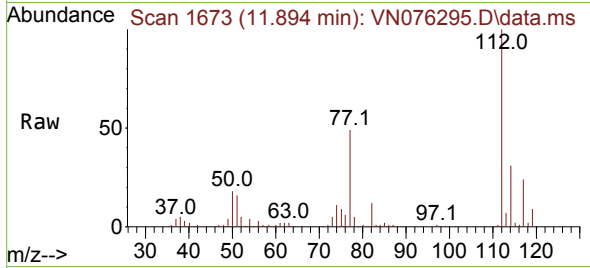




#65
Chlorobenzene
Concen: 19.932 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

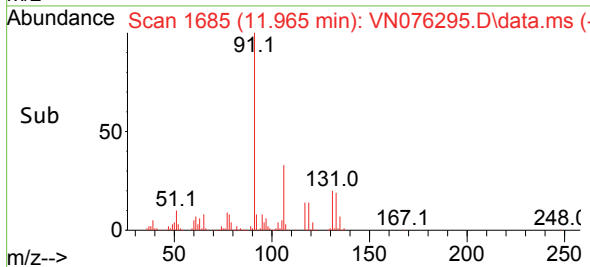
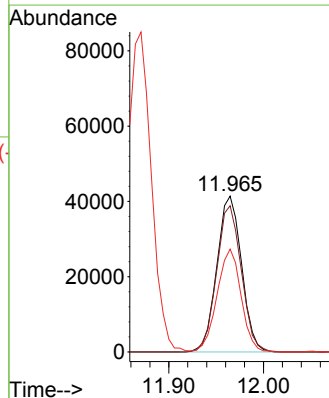
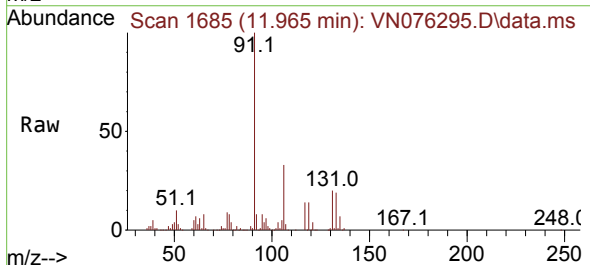
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

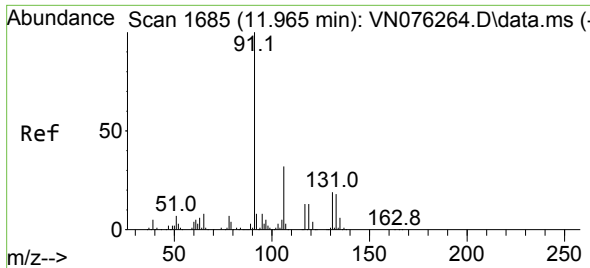
Tgt Ion:112 Resp: 204931
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.617 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion:131 Resp: 75042
Ion Ratio Lower Upper
131 100
133 93.9 47.4 142.2
119 64.2 32.3 96.8

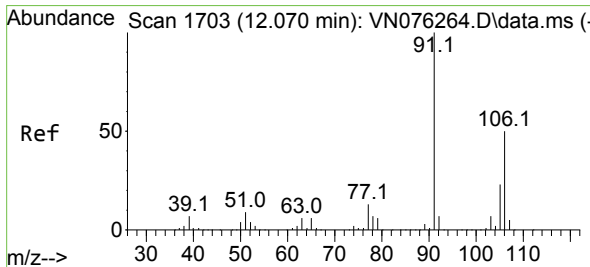
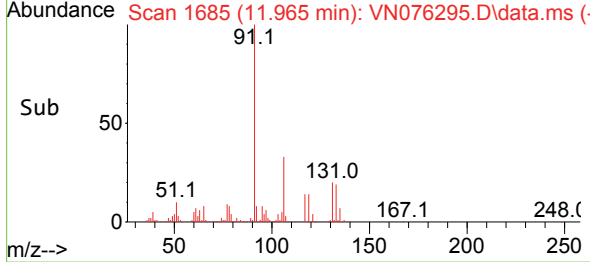
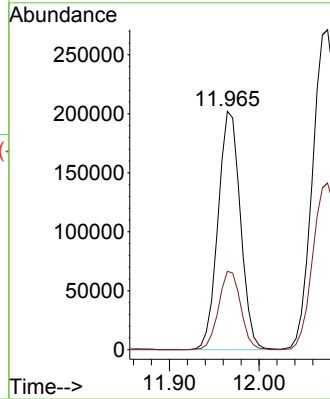
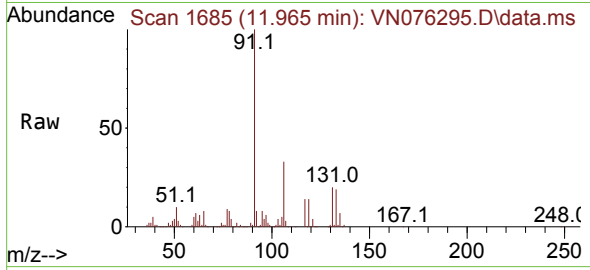




#67
Ethyl Benzene
Concen: 19.902 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

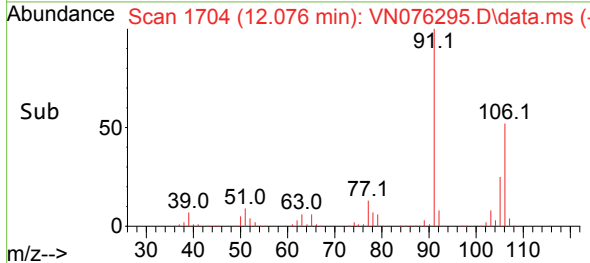
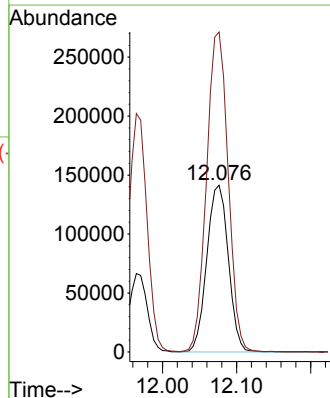
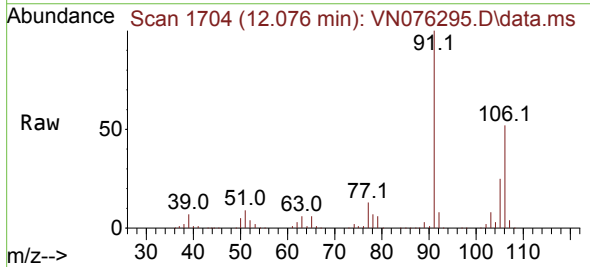
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

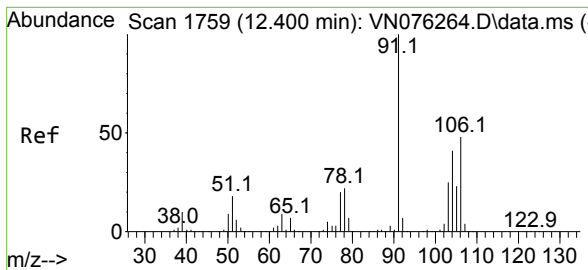
Tgt Ion: 91 Resp: 350196
Ion Ratio Lower Upper
91 100
106 32.9 25.5 38.3



#68
m/p-Xylenes
Concen: 40.442 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion:106 Resp: 285354
Ion Ratio Lower Upper
106 100
91 192.1 157.5 236.3

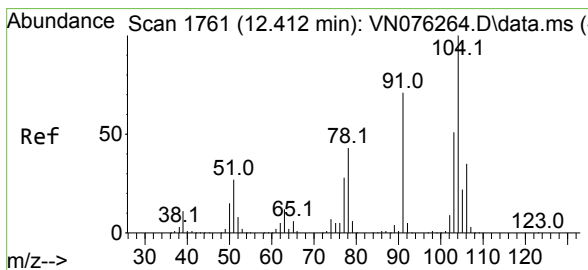
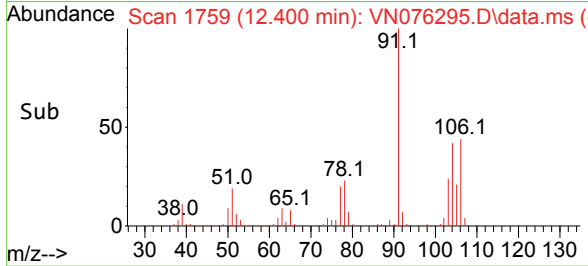
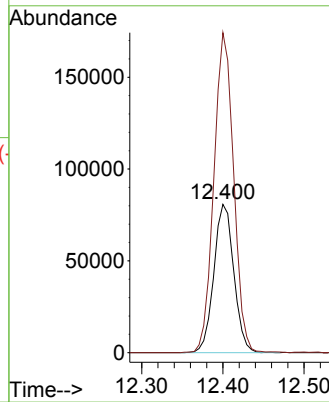
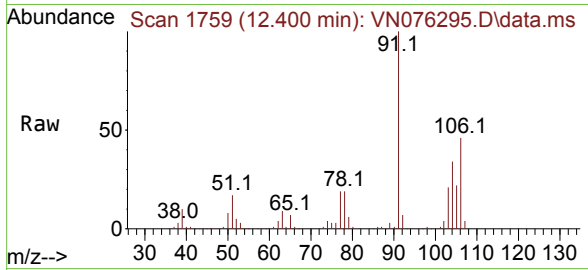




#69
o-Xylene
Concen: 19.949 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

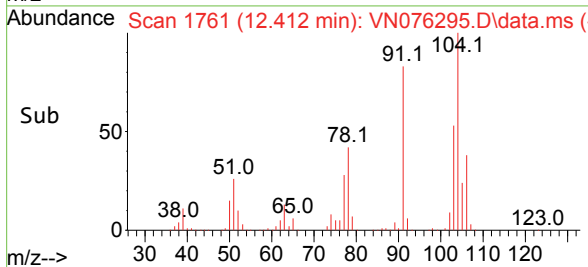
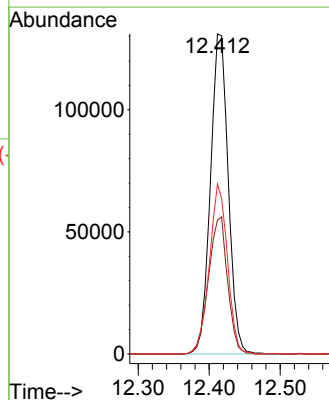
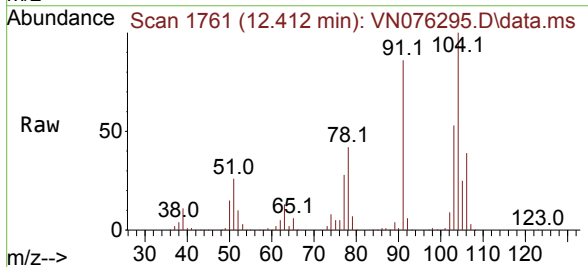
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

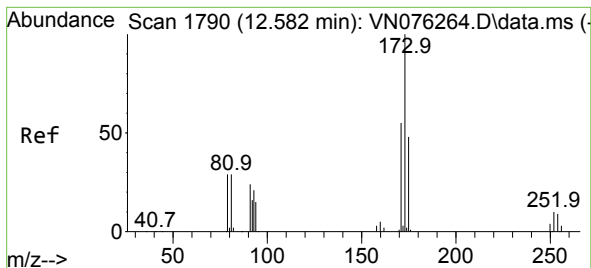
Tgt Ion:106 Resp: 138229
Ion Ratio Lower Upper
106 100
91 213.7 103.2 309.4



#70
Styrene
Concen: 20.637 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion:104 Resp: 228319
Ion Ratio Lower Upper
104 100
78 46.0 37.4 56.0
103 54.0 44.2 66.2





#71

Bromoform

Concen: 20.938 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBSD01

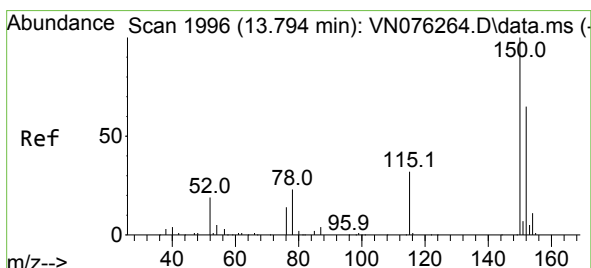
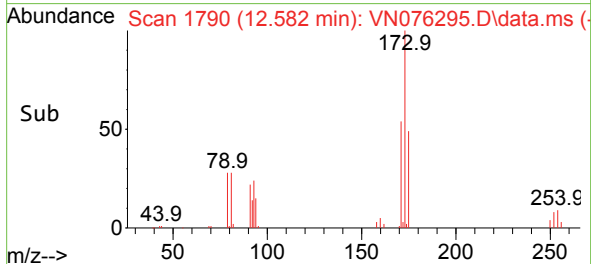
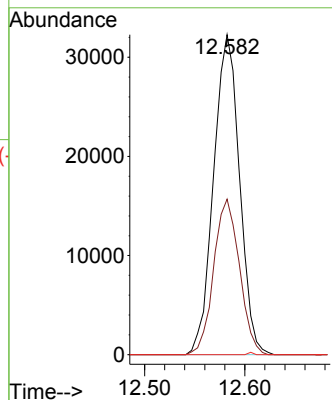
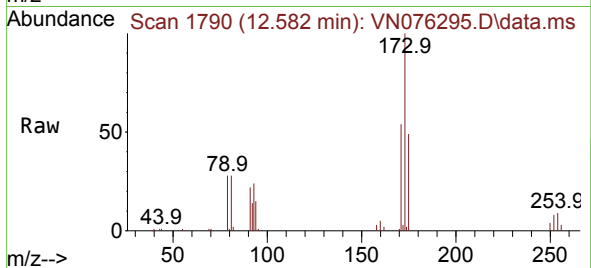
Tgt Ion:173 Resp: 57842

Ion Ratio Lower Upper

173 100

175 48.3 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: VN076295.D

Acq: 18 Jan 2023 13:56

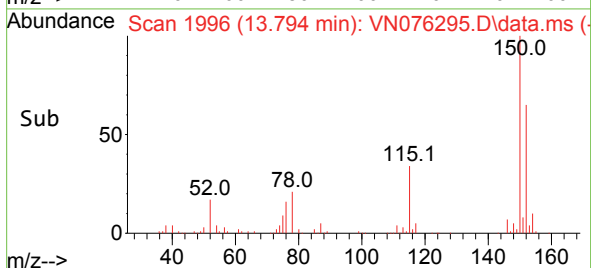
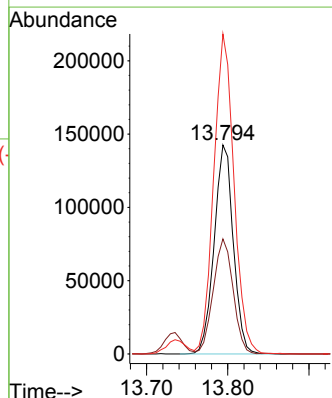
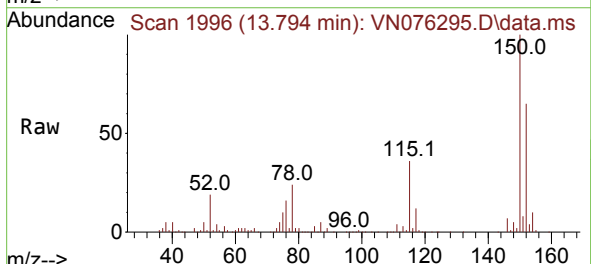
Tgt Ion:152 Resp: 233684

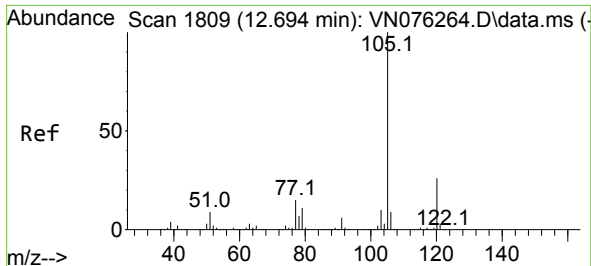
Ion Ratio Lower Upper

152 100

115 57.3 29.6 88.9

150 161.8 0.0 351.4

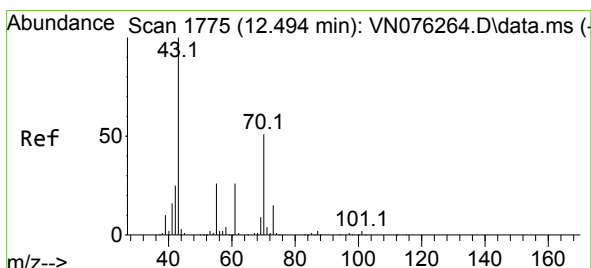
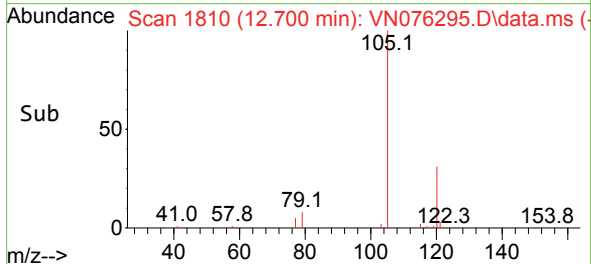
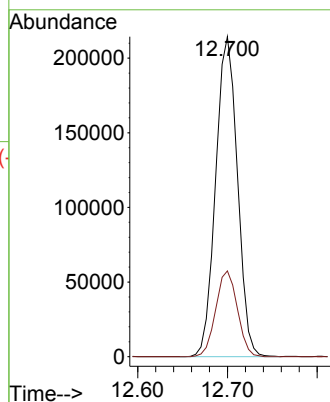
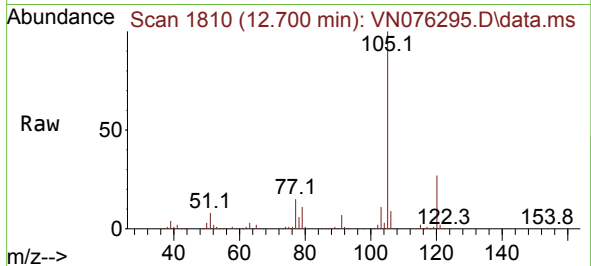




#73
Isopropylbenzene
Concen: 19.970 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

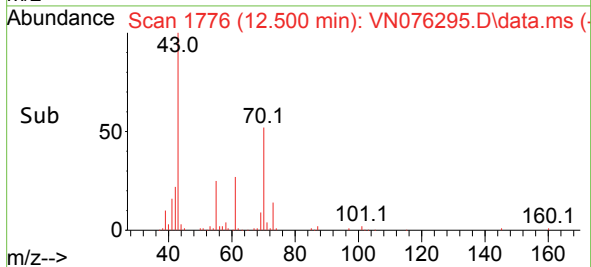
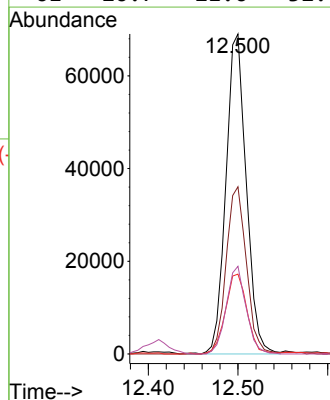
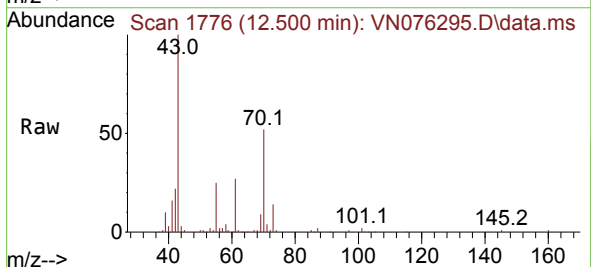
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

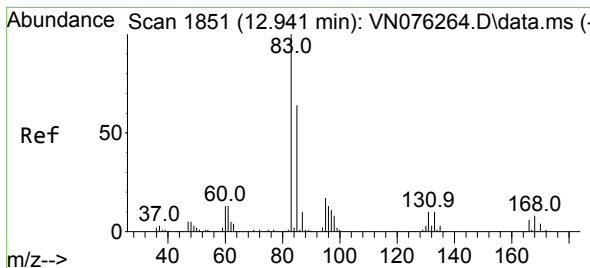
Tgt Ion:105 Resp: 361015
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 20.904 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 43 Resp: 108702
Ion Ratio Lower Upper
43 100
70 52.0 41.2 61.8
55 26.6 21.0 31.6
61 26.7 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.792 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

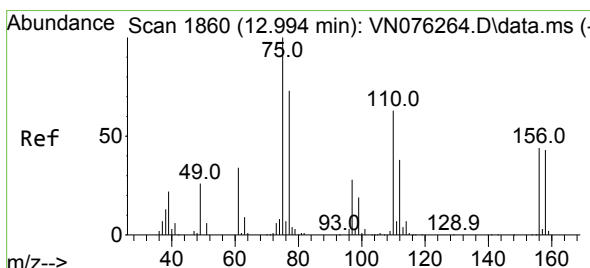
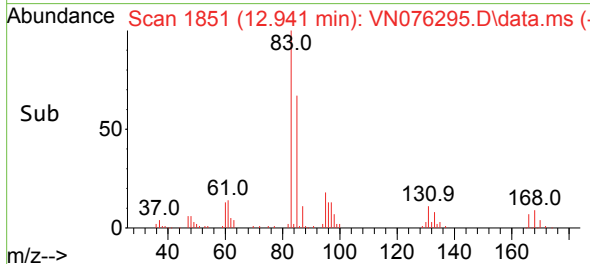
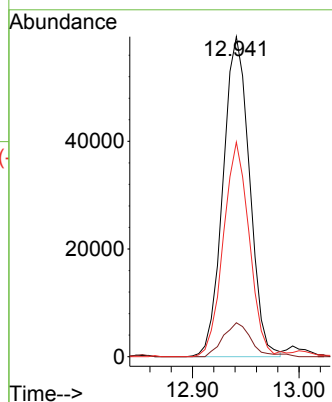
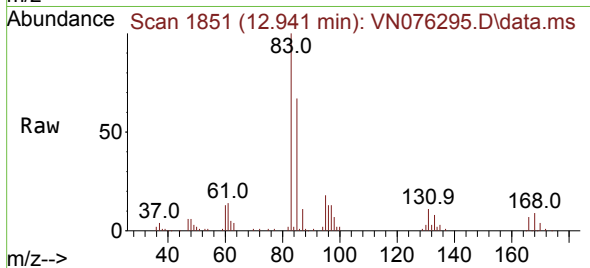
Tgt Ion: 83 Resp: 102857

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

85 65.6 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 29.489 ug/l

RT: 13.000 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VN076295.D

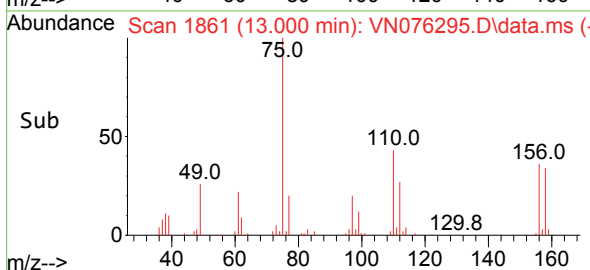
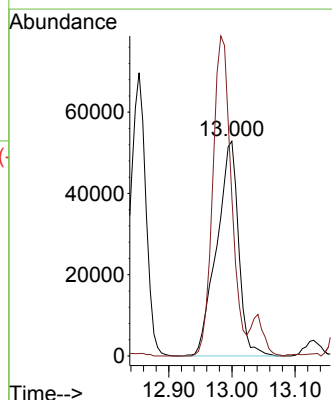
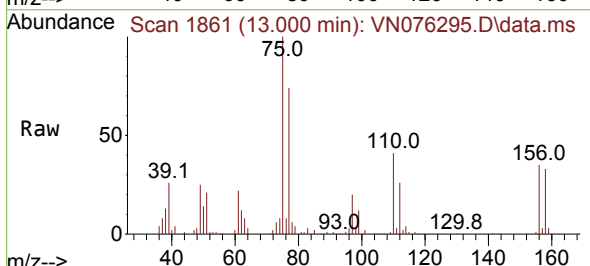
Acq: 18 Jan 2023 13:56

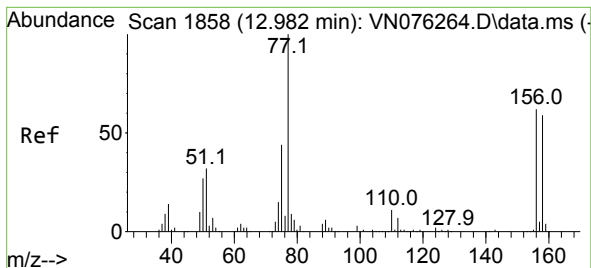
Tgt Ion: 75 Resp: 127194

Ion Ratio Lower Upper

75 100

77 126.4 75.2 225.6





#77

Bromobenzene

Concen: 20.192 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBSD01

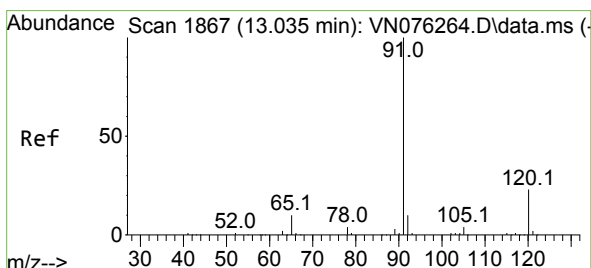
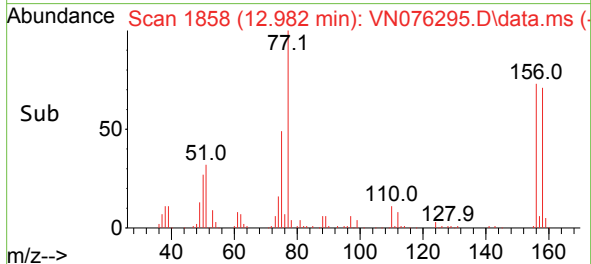
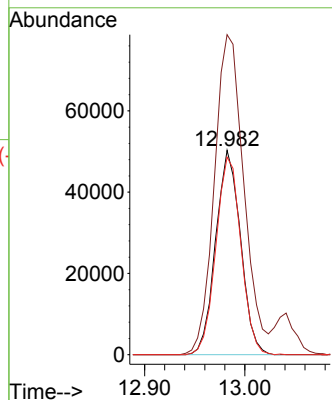
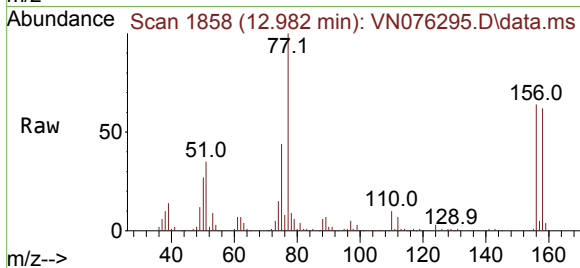
Tgt Ion:156 Resp: 86757

Ion Ratio Lower Upper

156 100

77 185.3 93.4 280.2

158 97.3 48.4 145.2



#78

n-propylbenzene

Concen: 19.699 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN076295.D

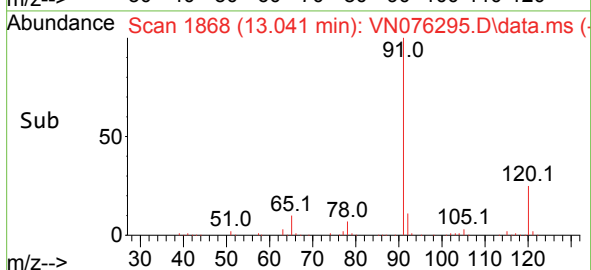
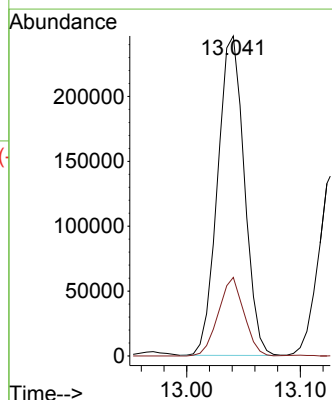
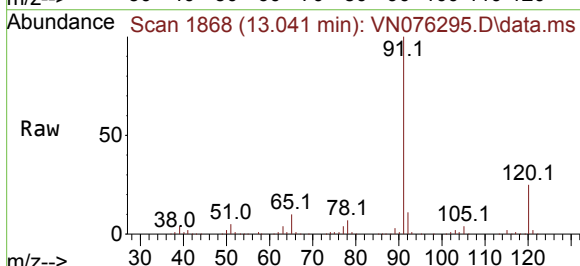
Acq: 18 Jan 2023 13:56

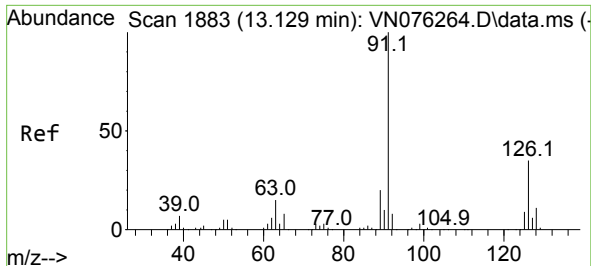
Tgt Ion: 91 Resp: 401814

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5

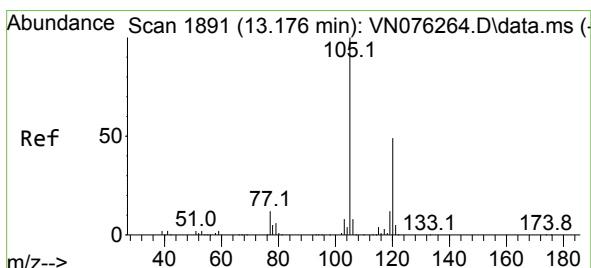
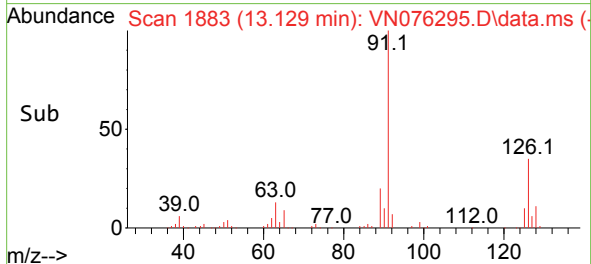
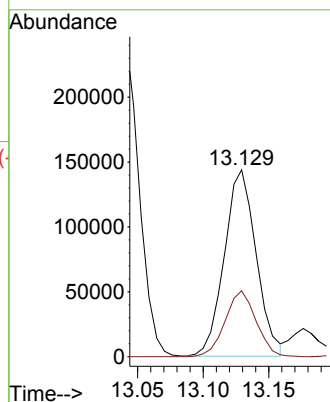
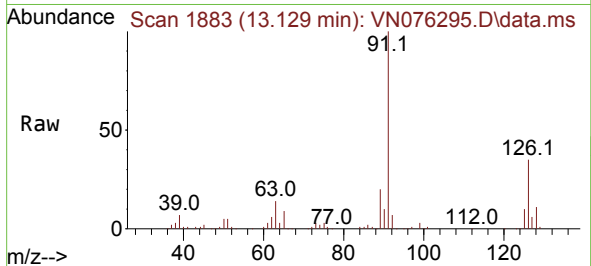




#79
2-Chlorotoluene
Concen: 19.411 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

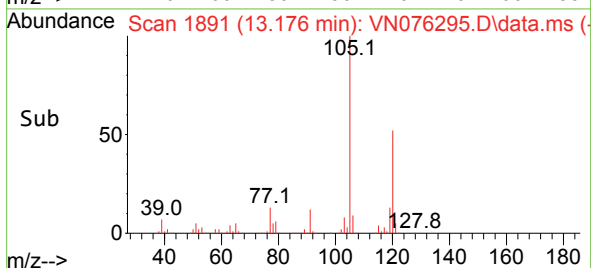
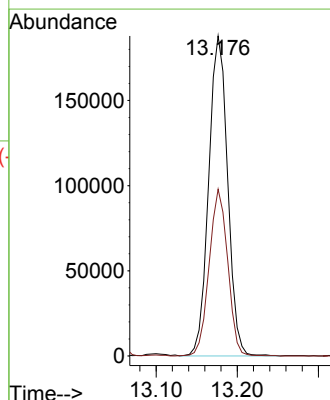
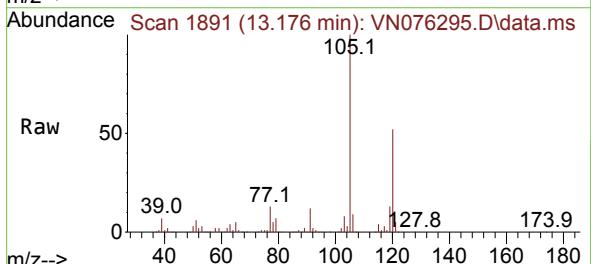
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

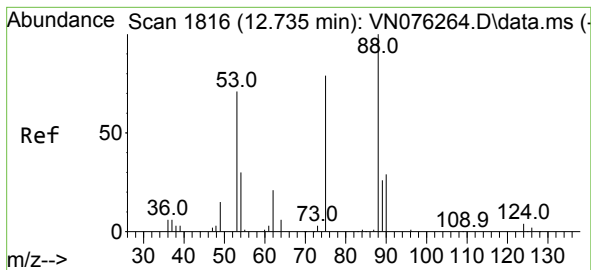
Tgt Ion: 91 Resp: 242971
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.125 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 105 Resp: 304788
Ion Ratio Lower Upper
105 100
120 50.9 25.0 75.0

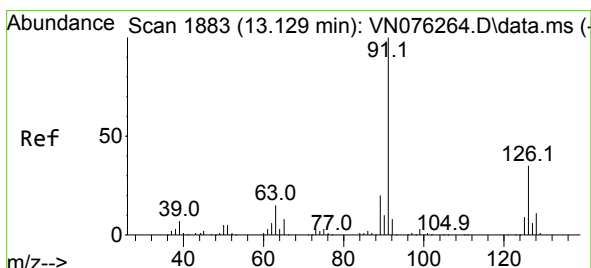
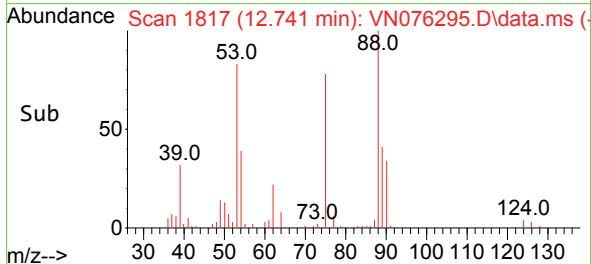
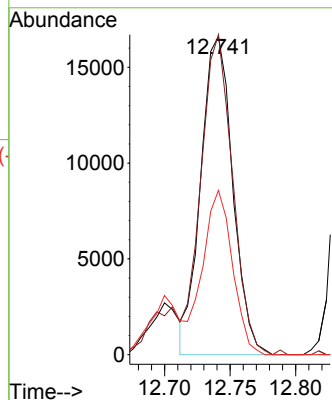
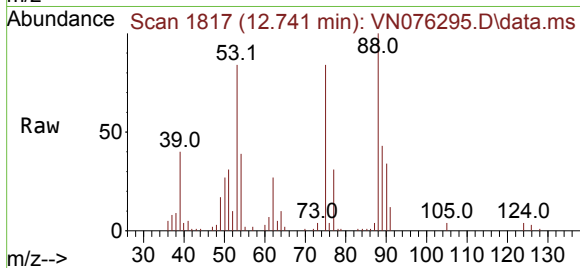




#81
trans-1,4-Dichloro-2-butene
Concen: 20.039 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

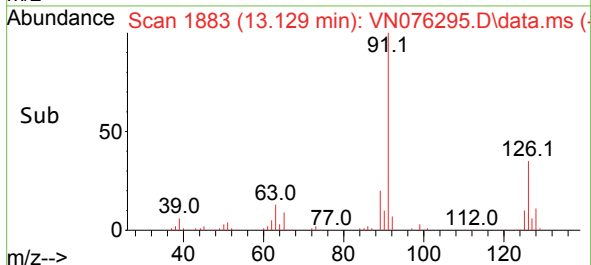
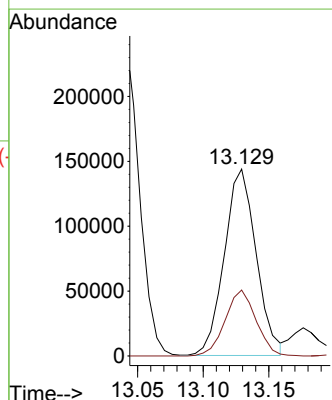
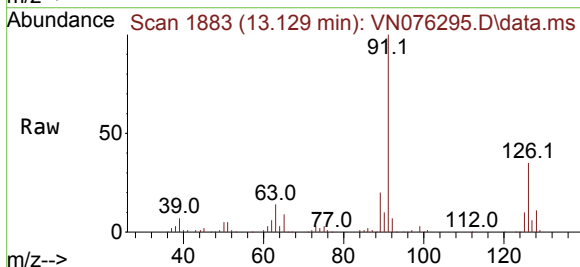
Instrument :
MSVOA_N
ClientSampleId :
VN0118MBSD01

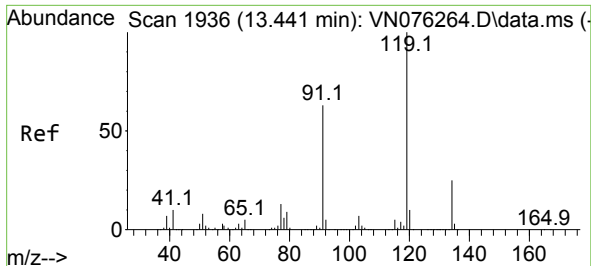
Tgt Ion: 75 Resp: 28145
Ion Ratio Lower Upper
75 100
53 113.7 75.8 113.8
89 47.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 19.411 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076295.D
Acq: 18 Jan 2023 13:56

Tgt Ion: 91 Resp: 242971
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.2

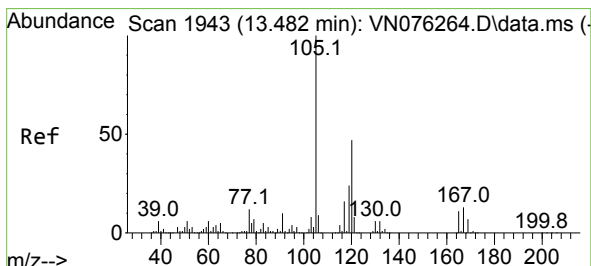
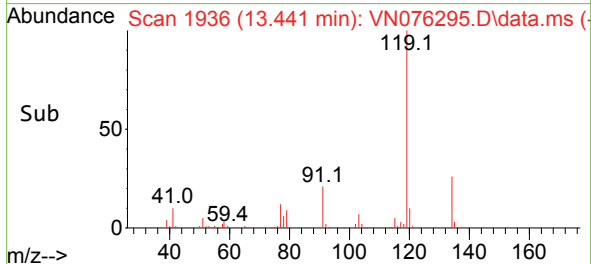
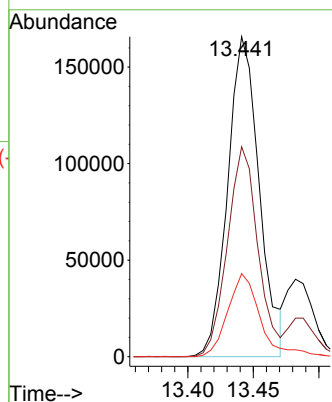
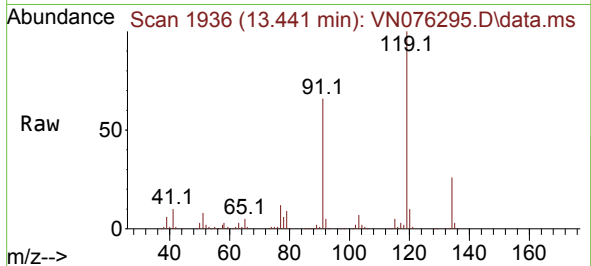




#83
 tert-Butylbenzene
 Concen: 20.644 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN076295.D
 Acq: 18 Jan 2023 13:56

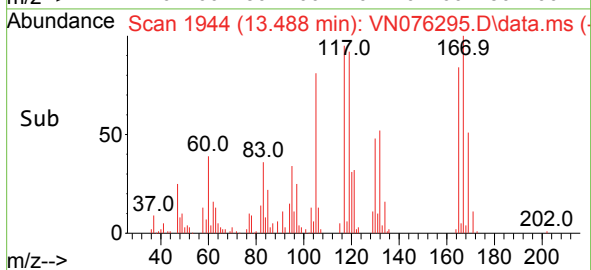
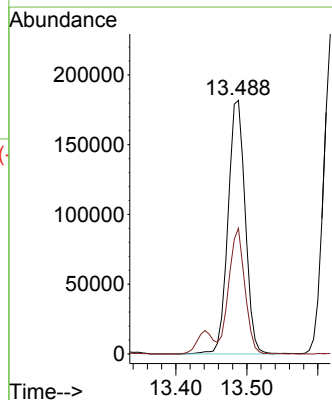
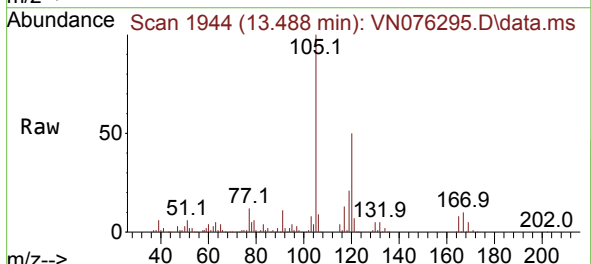
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBSD01

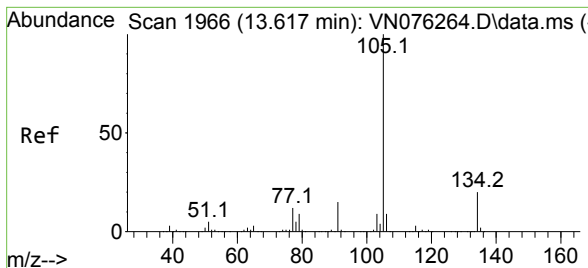
Tgt Ion:119 Resp: 278073
 Ion Ratio Lower Upper
 119 100
 91 63.5 32.2 96.6
 134 26.7 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.122 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN076295.D
 Acq: 18 Jan 2023 13:56

Tgt Ion:105 Resp: 305581
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.5

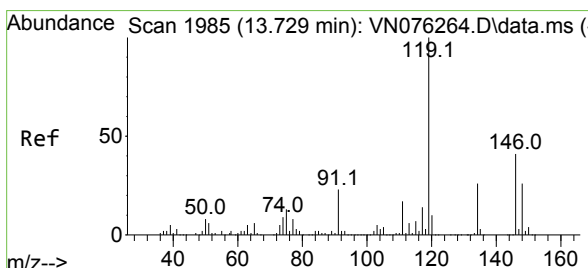
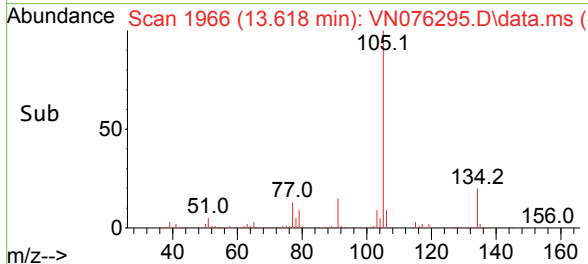
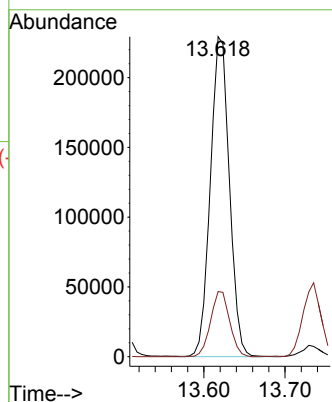
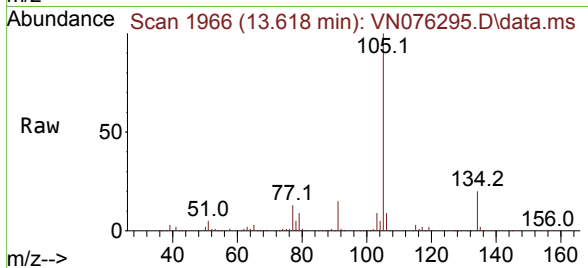




#85
 sec-Butylbenzene
 Concen: 19.987 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076295.D
 Acq: 18 Jan 2023 13:56

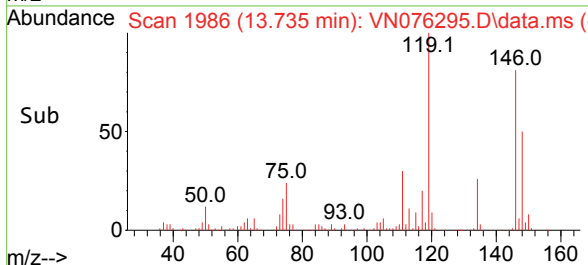
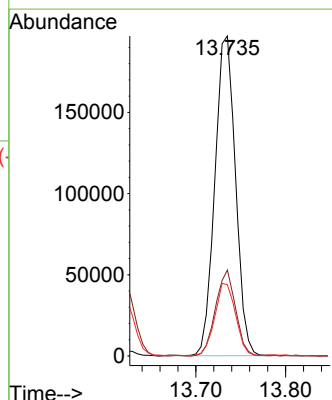
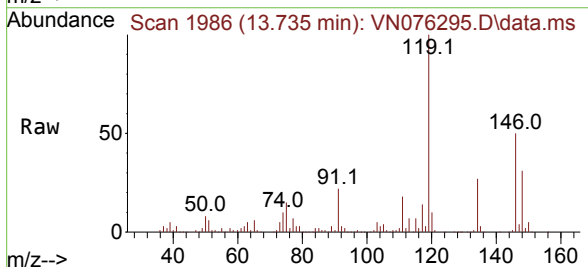
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBSD01

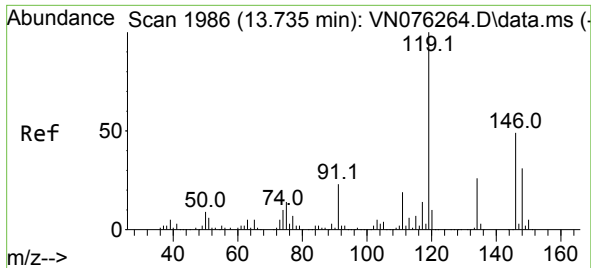
Tgt Ion:105 Resp: 373566
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.487 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076295.D
 Acq: 18 Jan 2023 13:56

Tgt Ion:119 Resp: 314879
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.6
 91 23.0 11.8 35.3

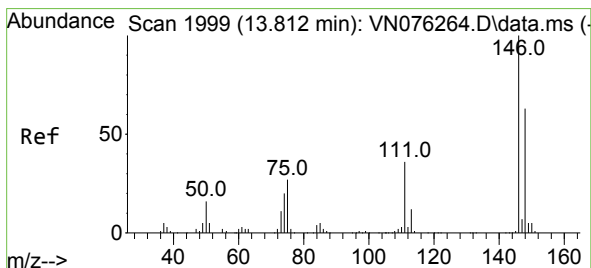
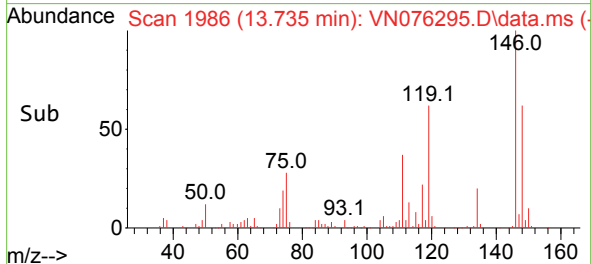
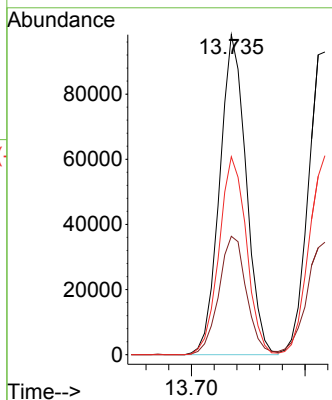
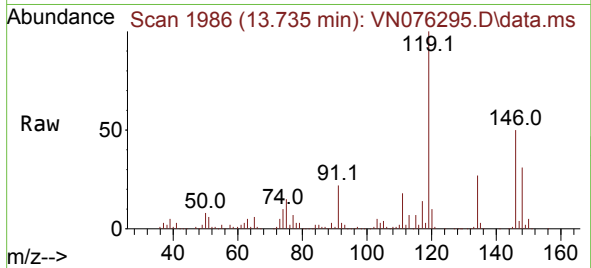




#87
 1,3-Dichlorobenzene
 Concen: 18.709 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076295.D
 Acq: 18 Jan 2023 13:56

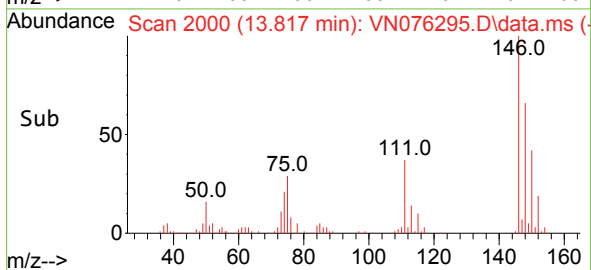
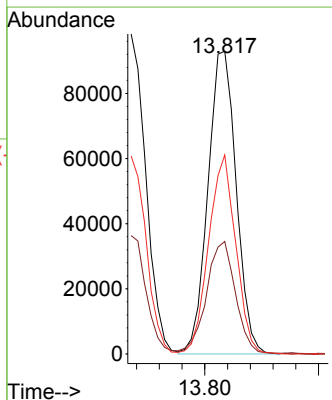
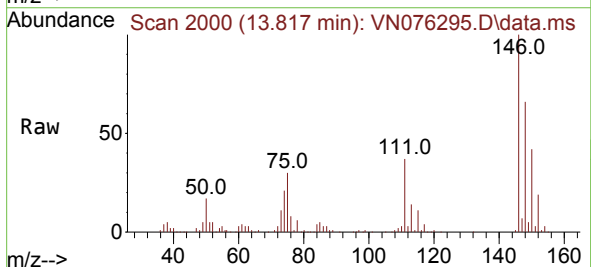
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBSD01

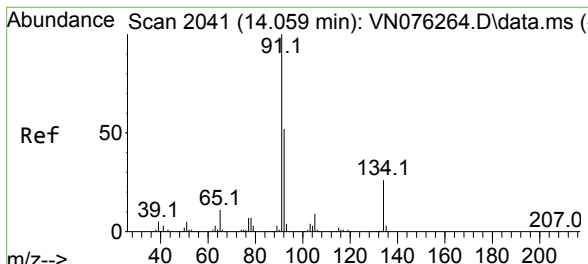
Tgt Ion:146 Resp: 159414
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.9 59.7
 148 63.8 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.900 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.005 min
 Lab File: VN076295.D
 Acq: 18 Jan 2023 13:56

Tgt Ion:146 Resp: 160802
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.5
 148 63.1 31.9 95.9

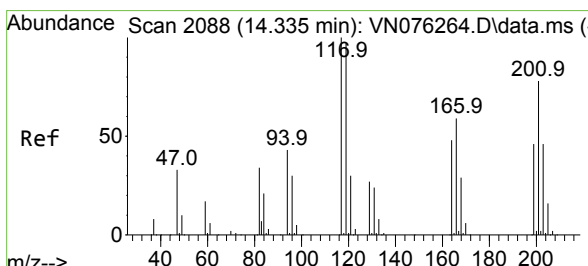
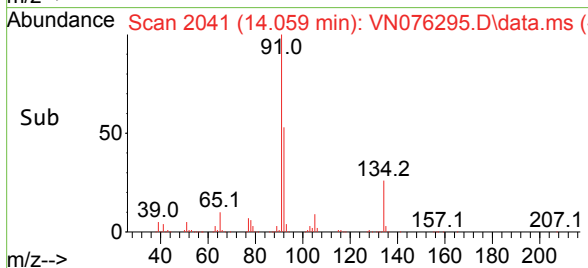
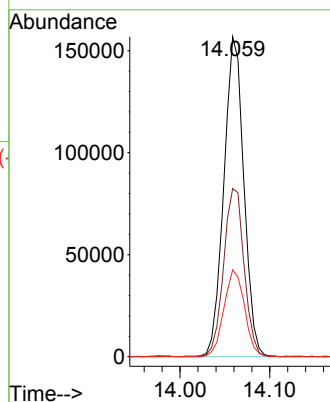
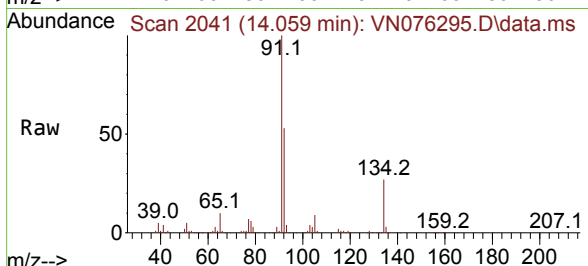




#89
 n-Butylbenzene
 Concen: 19.924 ug/l
 RT: 14.059 min Scan# 2041
 Delta R.T. -0.000 min
 Lab File: VN076295.D
 Acq: 18 Jan 2023 13:56

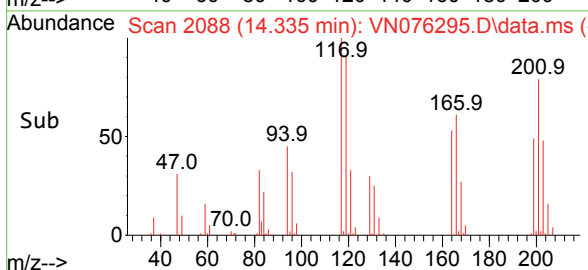
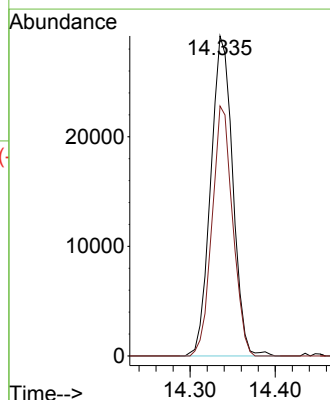
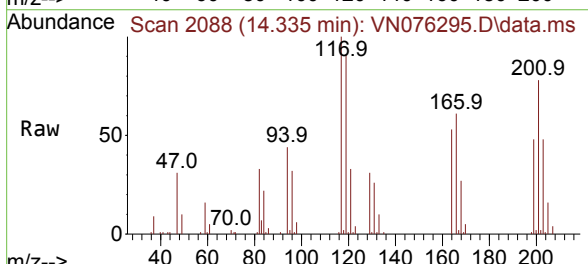
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBSD01

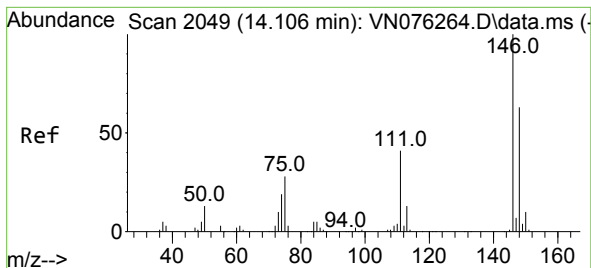
Tgt Ion: 91	Resp: 243090
Ion Ratio	Lower Upper
91	100
92	53.8 26.3 78.9
134	27.9 13.2 39.5



#90
 Hexachloroethane
 Concen: 19.759 ug/l
 RT: 14.335 min Scan# 2088
 Delta R.T. 0.000 min
 Lab File: VN076295.D
 Acq: 18 Jan 2023 13:56

Tgt Ion: 117	Resp: 52414
Ion Ratio	Lower Upper
117	100
201	73.1 37.3 111.9





#91

1,2-Dichlorobenzene

Concen: 18.581 ug/l

RT: 14.112 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBSD01

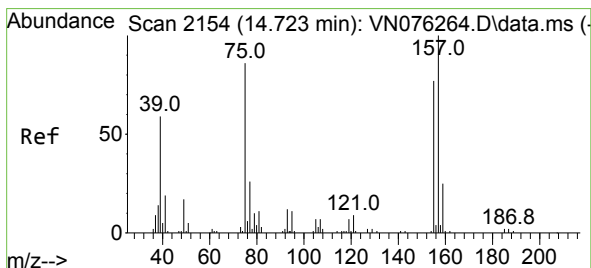
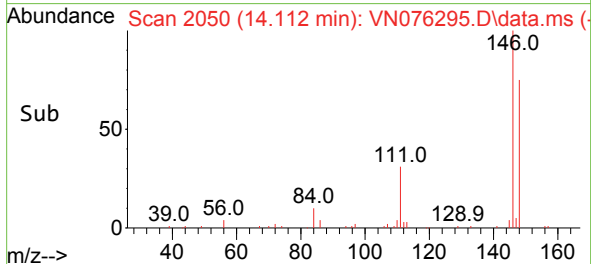
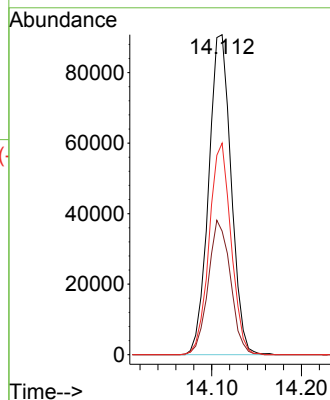
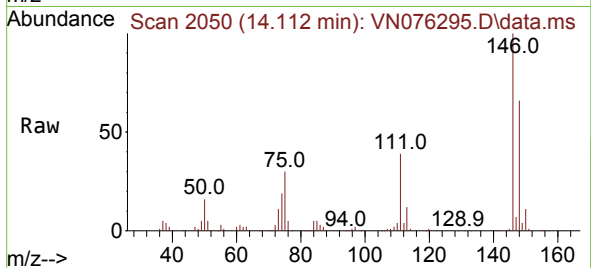
Tgt Ion:146 Resp: 157689

Ion Ratio Lower Upper

146 100

111 41.6 20.3 60.8

148 64.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.465 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

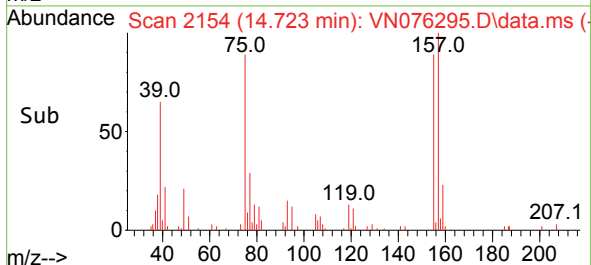
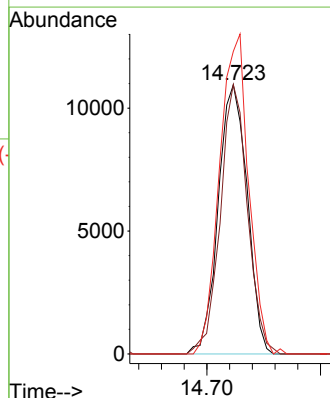
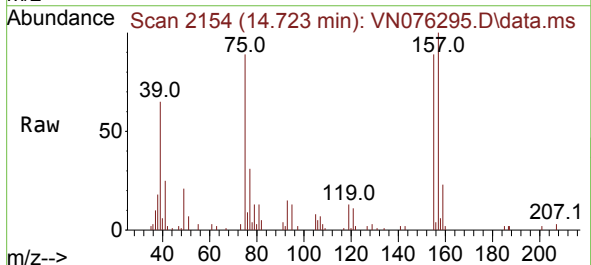
Tgt Ion: 75 Resp: 19391

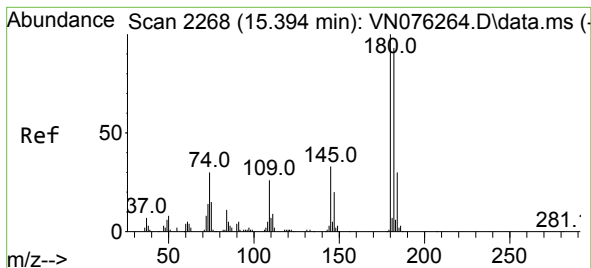
Ion Ratio Lower Upper

75 100

155 93.8 45.0 135.0

157 119.4 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 19.720 ug/l

RT: 15.400 min Scan# 2269

Delta R.T. 0.006 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

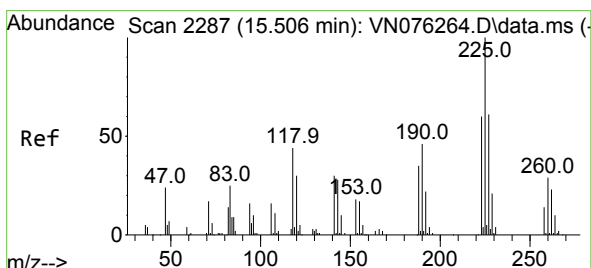
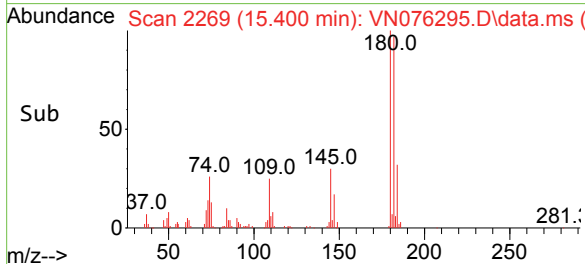
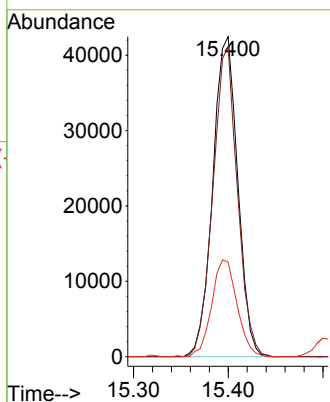
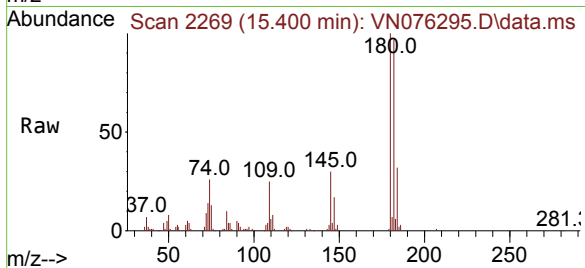
Tgt Ion:180 Resp: 77537

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.8 15.2 45.5



#94

Hexachlorobutadiene

Concen: 18.228 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

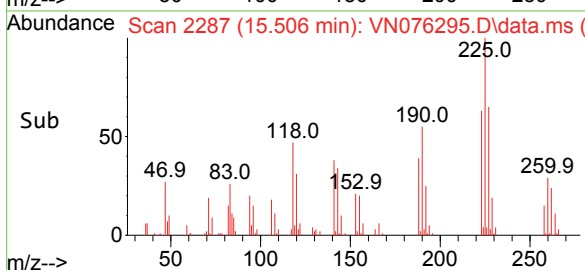
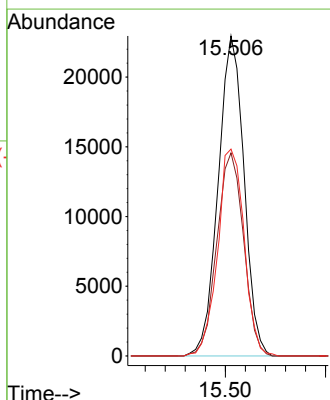
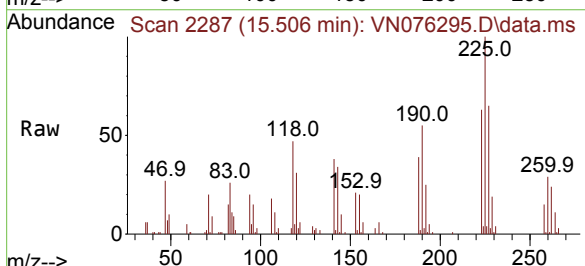
Tgt Ion:225 Resp: 41051

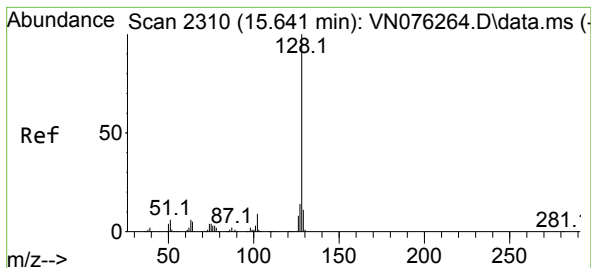
Ion Ratio Lower Upper

225 100

223 65.7 30.8 92.3

227 66.2 30.9 92.8





#95

Naphthalene

Concen: 20.902 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0118MBS01

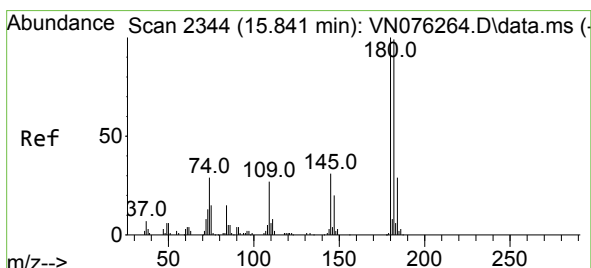
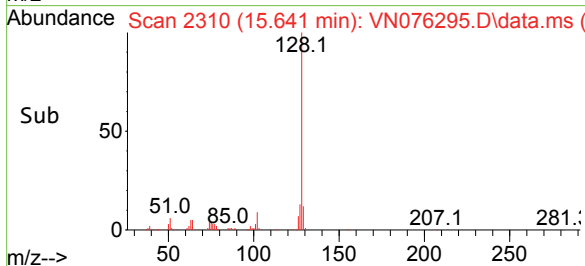
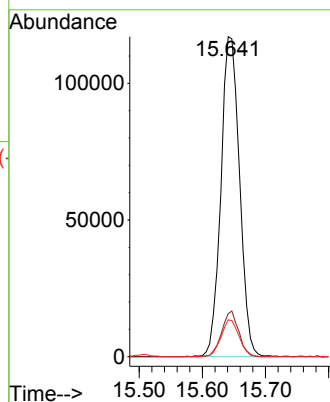
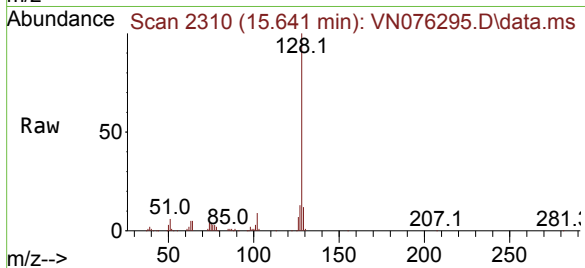
Tgt Ion:128 Resp: 240302

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.777 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076295.D

Acq: 18 Jan 2023 13:56

Tgt Ion:180 Resp: 74513

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

145 33.3 15.9 47.6

