

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076428.D
 Acq On : 27 Jan 2023 09:44
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jan 27 22:32:20 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	364956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	505858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	249386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	225229	55.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.240%
35) Dibromofluoromethane	8.171	113	192828	55.656	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.320%
50) Toluene-d8	10.565	98	641953	50.171	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.853	95	228217	54.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	160802	42.996	ug/l	96
3) Chloromethane	2.377	50	182333	47.088	ug/l	95
4) Vinyl Chloride	2.530	62	259245	54.600	ug/l	97
5) Bromomethane	2.953	94	189382	48.706	ug/l	97
6) Chloroethane	3.124	64	184205	51.738	ug/l	95
7) Trichlorofluoromethane	3.506	101	369439	56.557	ug/l	99
8) Diethyl Ether	3.971	74	127543	58.213	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	200670	54.266	ug/l	96
10) Methyl Iodide	4.600	142	296309	52.459	ug/l	95
11) Tert butyl alcohol	5.536	59	139686	255.566	ug/l	99
12) 1,1-Dichloroethene	4.353	96	186587	53.377	ug/l	87
13) Acrolein	4.189	56	191077	292.321	ug/l	98
14) Allyl chloride	5.042	41	255391	62.694	ug/l	88
15) Acrylonitrile	5.730	53	415718	267.277	ug/l	99
16) Acetone	4.442	43	348159	265.783	ug/l	99
17) Carbon Disulfide	4.724	76	417988	48.023	ug/l	97
18) Methyl Acetate	5.036	43	253568	57.117	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	628938	55.267	ug/l	100
20) Methylene Chloride	5.289	84	214684	55.451	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	189120	49.940	ug/l	99
22) Diisopropyl ether	6.683	45	566378	58.957	ug/l	99
23) Vinyl Acetate	6.612	43	1772974	285.564	ug/l	99
24) 1,1-Dichloroethane	6.577	63	352981	55.123	ug/l	99
25) 2-Butanone	7.488	43	506387	253.104	ug/l	96
26) 2,2-Dichloropropane	7.500	77	251690	46.635	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	231107	52.325	ug/l	97
28) Bromochloromethane	7.824	49	157623	60.729	ug/l	93
29) Tetrahydrofuran	7.841	42	336376	272.413	ug/l	96
30) Chloroform	7.971	83	402376	56.789	ug/l	98
31) Cyclohexane	8.259	56	286271	45.604	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	359144	55.518	ug/l	95
36) 1,1-Dichloropropene	8.377	75	274702	55.798	ug/l	98
37) Ethyl Acetate	7.565	43	216500	54.823	ug/l	97
38) Carbon Tetrachloride	8.365	117	317236	57.783	ug/l	98
39) Methylcyclohexane	9.606	83	289450	48.145	ug/l	97
40) Benzene	8.612	78	813238	55.243	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	122807	59.396	ug/l	98
42) 1,2-Dichloroethane	8.677	62	302417	60.042	ug/l	97
43) Isopropyl Acetate	8.694	43	366325	57.025	ug/l	99
44) Trichloroethene	9.359	130	198344	47.638	ug/l	100
45) 1,2-Dichloropropane	9.624	63	182665	51.827	ug/l	97
46) Dibromomethane	9.712	93	134698	50.618	ug/l	98
47) Bromodichloromethane	9.888	83	289304	56.054	ug/l	97
48) Methyl methacrylate	9.682	41	163396	53.727	ug/l	96
49) 1,4-Dioxane	9.694	88	60342	940.328	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1011618	268.255	ug/l	98
52) Toluene	10.629	92	492686	50.047	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	272211	55.327	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	297592	52.575	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	194223	51.615	ug/l	99
56) Ethyl methacrylate	10.876	69	271647	55.917	ug/l	98
57) 1,3-Dichloropropane	11.165	76	321861	52.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	412796	251.701	ug/l	99
59) 2-Hexanone	11.200	43	708128	259.126	ug/l	100
60) Dibromochloromethane	11.359	129	226652	57.219	ug/l	99
61) 1,2-Dibromoethane	11.471	107	194533	51.793	ug/l	99
64) Tetrachloroethene	11.106	164	196468	43.067	ug/l	97
65) Chlorobenzene	11.894	112	532376	49.786	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	206521	51.909	ug/l	99
67) Ethyl Benzene	11.965	91	972755	53.153	ug/l	98
68) m/p-Xylenes	12.071	106	762126	103.853	ug/l	98
69) o-Xylene	12.400	106	372083	51.630	ug/l	96
70) Styrene	12.412	104	621360	53.999	ug/l	99
71) Bromoform	12.582	173	156757	54.558	ug/l #	99
73) Isopropylbenzene	12.700	105	997293	51.693	ug/l	99
74) N-amyl acetate	12.494	43	290594	52.364	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	275013	49.587	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	331918	73.504	ug/l	88
77) Bromobenzene	12.982	156	227031	50.338	ug/l	94
78) n-propylbenzene	13.035	91	1138998	52.323	ug/l	99
79) 2-Chlorotoluene	13.129	91	679236	50.849	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	854724	52.883	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	72053	48.072	ug/l	94
82) 4-Chlorotoluene	13.129	91	679236	50.849	ug/l	98
83) tert-Butylbenzene	13.441	119	737029	51.271	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	855393	52.780	ug/l	98
85) sec-Butylbenzene	13.617	105	1052519	52.766	ug/l	100
86) p-Isopropyltoluene	13.729	119	896080	54.631	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	442878	48.704	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	431501	49.884	ug/l	99
89) n-Butylbenzene	14.059	91	718193	55.158	ug/l	99
90) Hexachloroethane	14.335	117	152142	53.743	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	440072	48.590	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	48748	50.565	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	207803	47.550	ug/l	99
94) Hexachlorobutadiene	15.506	225	110068	45.797	ug/l	98
95) Naphthalene	15.641	128	588598	45.593	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	200021	47.998	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

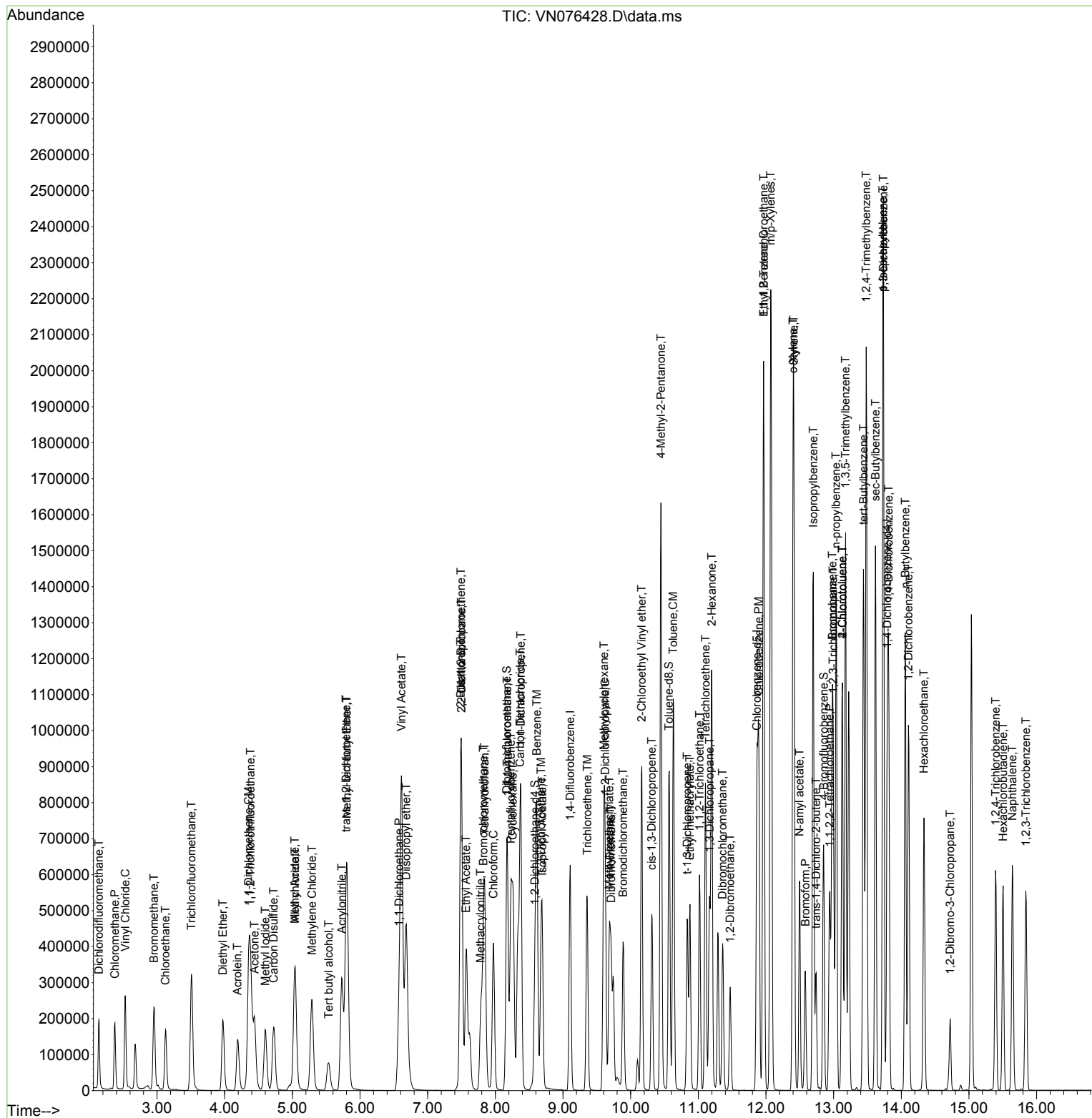
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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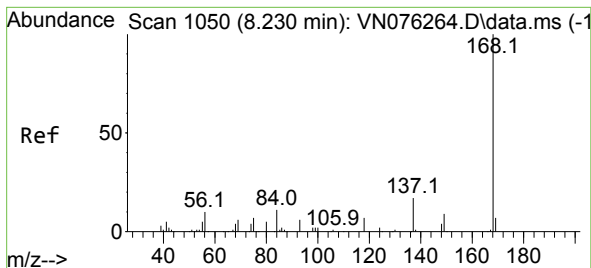
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076428.D

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Instrument :

MSVOA_N

ClientSampleId :

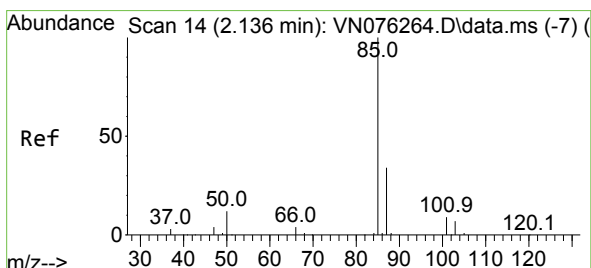
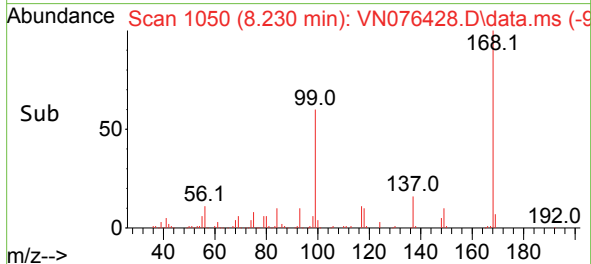
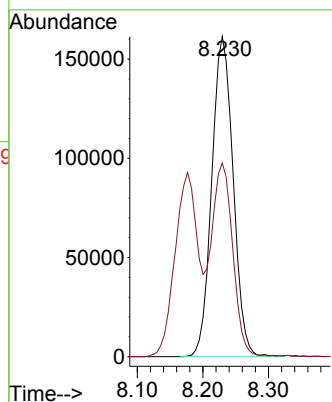
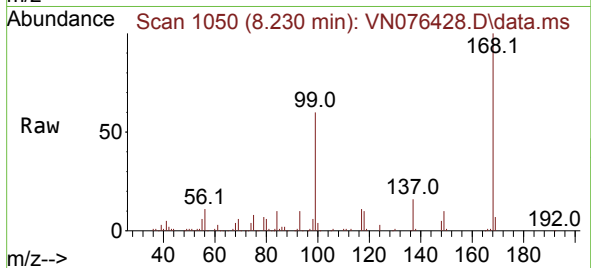
VSTDCCC050

Tgt Ion:168 Resp: 364956

Ion Ratio Lower Upper

168 100

99 60.2 41.6 62.4



#2

Dichlorodifluoromethane

Concen: 42.996 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076428.D

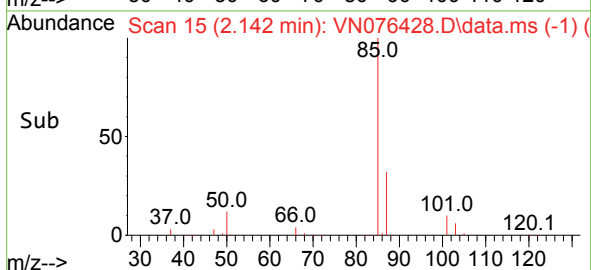
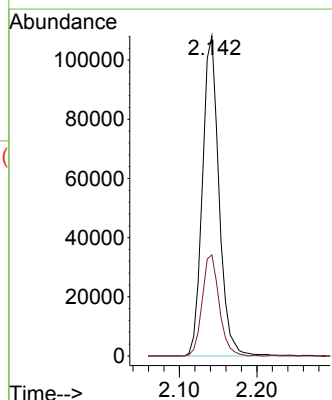
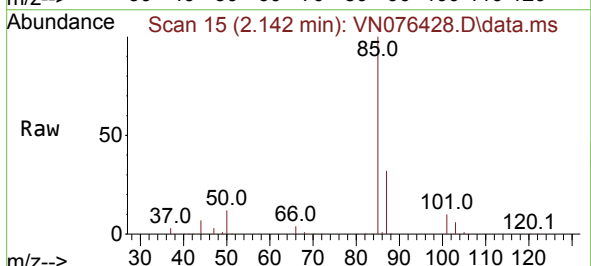
Acq: 27 Jan 2023 09:44

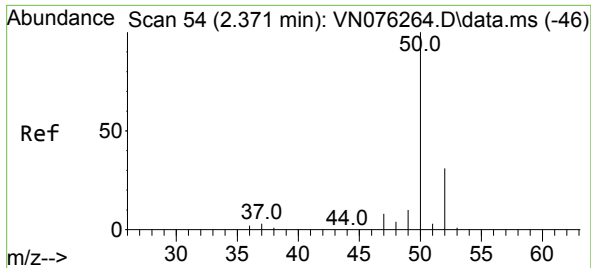
Tgt Ion: 85 Resp: 160802

Ion Ratio Lower Upper

85 100

87 31.6 17.1 51.2

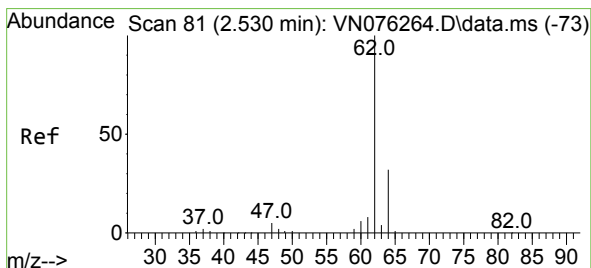
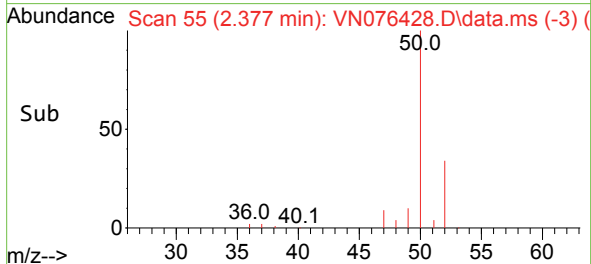
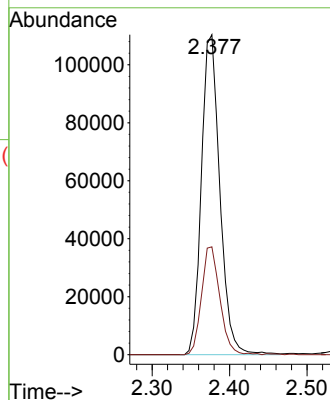
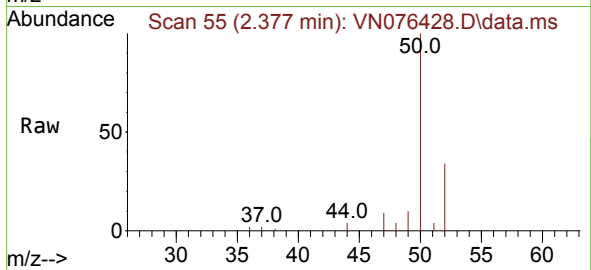




#3
Chloromethane
Concen: 47.088 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076428.D
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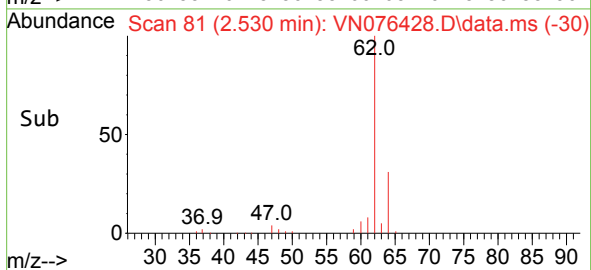
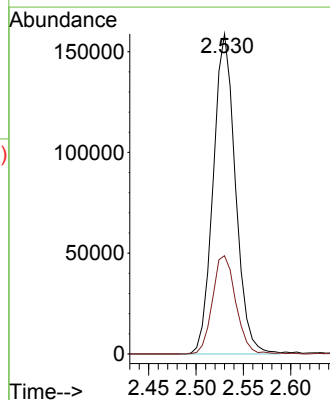
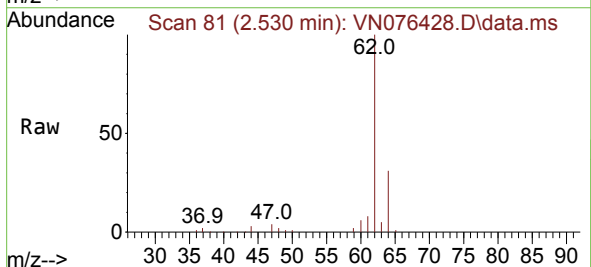
Instrument :
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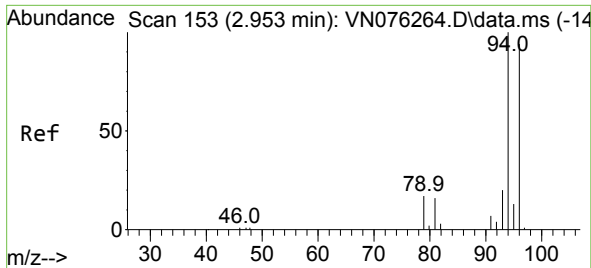
Tgt Ion: 50 Resp: 182333
Ion Ratio Lower Upper
50 100
52 33.7 24.8 37.2



#4
Vinyl Chloride
Concen: 54.600 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 62 Resp: 259245
Ion Ratio Lower Upper
62 100
64 30.7 25.8 38.6

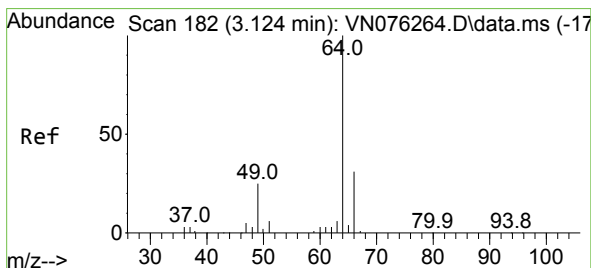
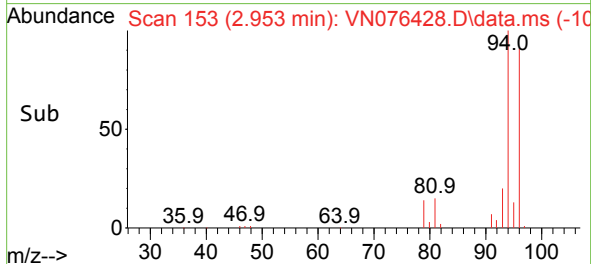
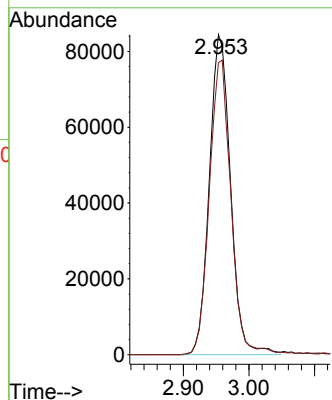
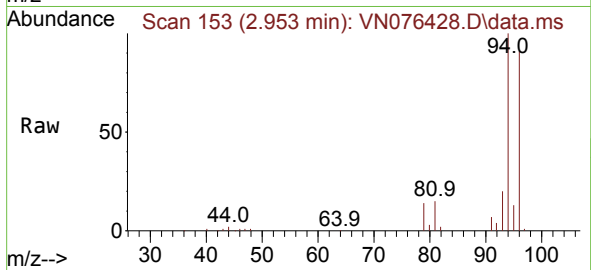




#5
Bromomethane
Concen: 48.706 ug/l
RT: 2.953 min Scan# 153
Delta R.T. 0.000 min
Lab File: VN076428.D
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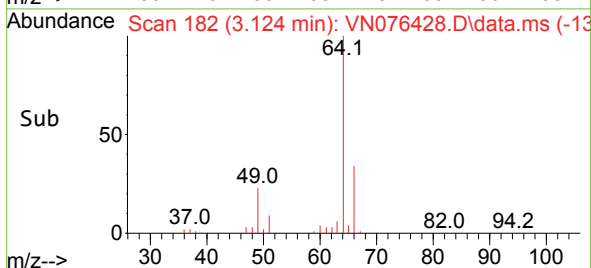
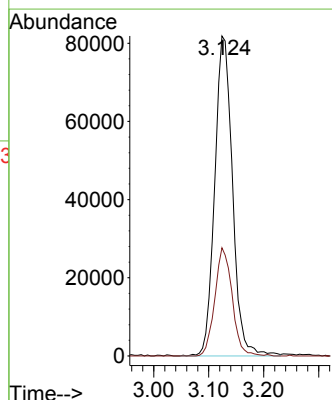
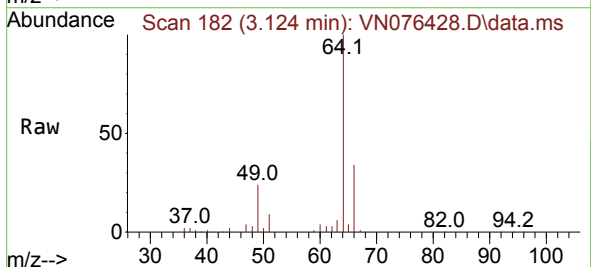
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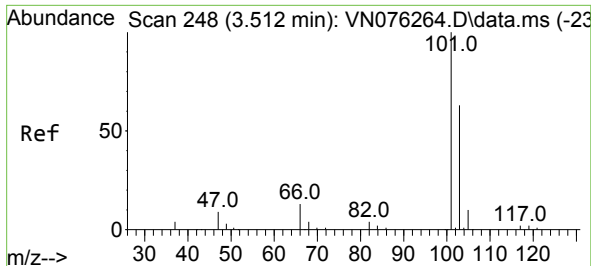
Tgt Ion: 94 Resp: 189382
Ion Ratio Lower Upper
94 100
96 91.3 75.1 112.7



#6
Chloroethane
Concen: 51.738 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 64 Resp: 184205
Ion Ratio Lower Upper
64 100
66 33.8 24.8 37.2

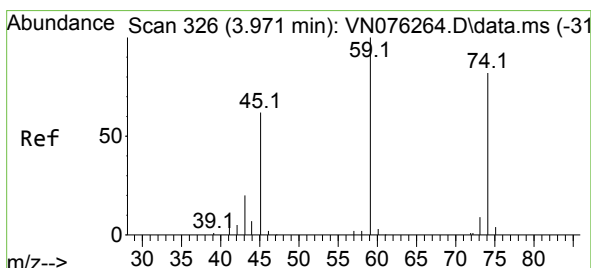
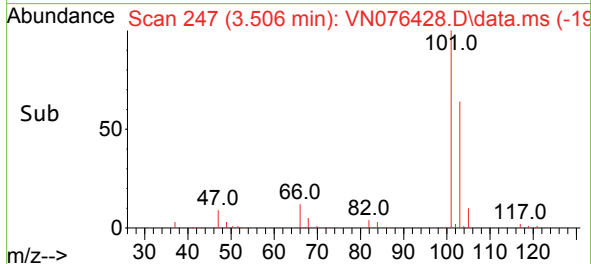
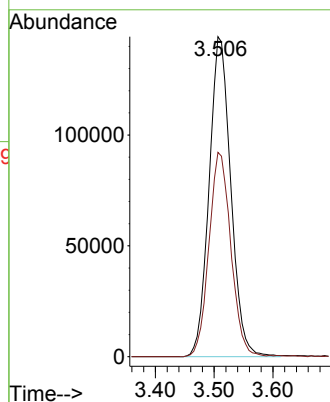
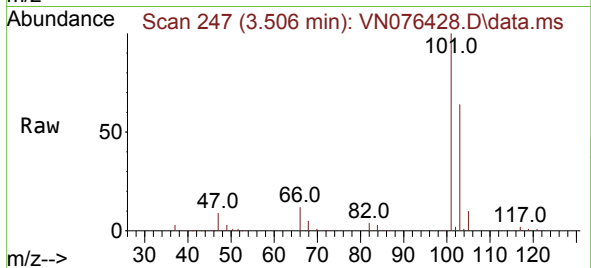




#7
 Trichlorofluoromethane
 Concen: 56.557 ug/l
 RT: 3.506 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VN076428.D
 Acq: 27 Jan 2023 09:44

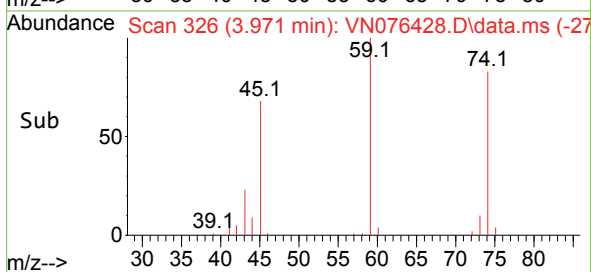
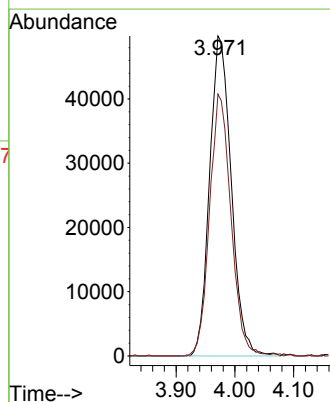
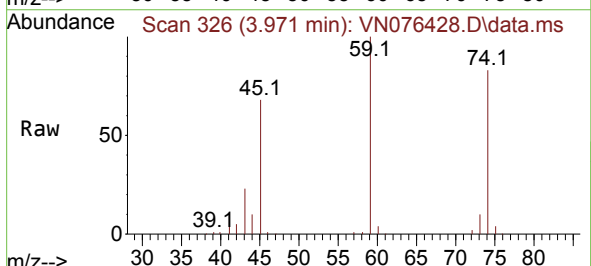
Instrument :
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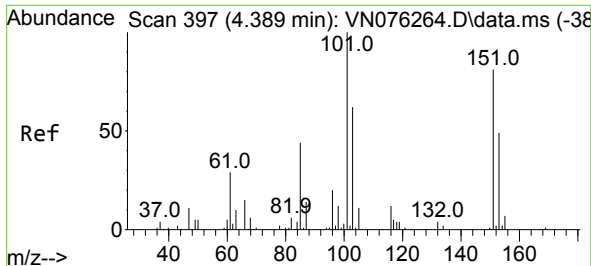
Tgt Ion:101 Resp: 369439
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.2 75.4



#8
 Diethyl Ether
 Concen: 58.213 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN076428.D
 Acq: 27 Jan 2023 09:44

Tgt Ion: 74 Resp: 127543
 Ion Ratio Lower Upper
 74 100
 45 80.7 37.8 113.3

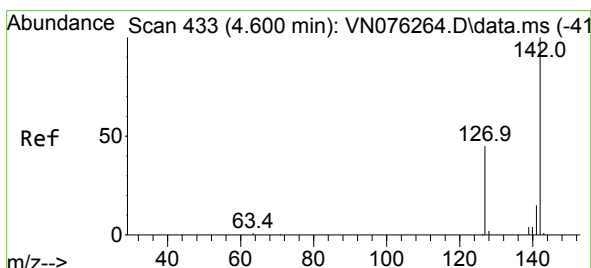
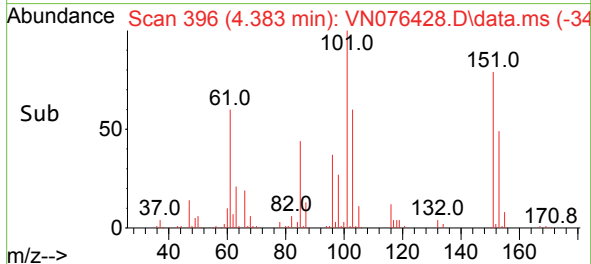
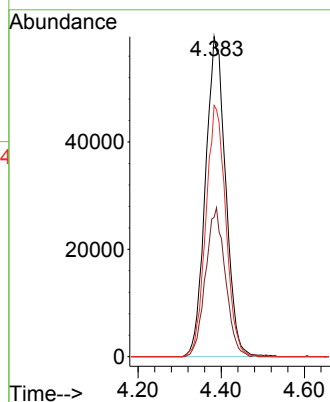
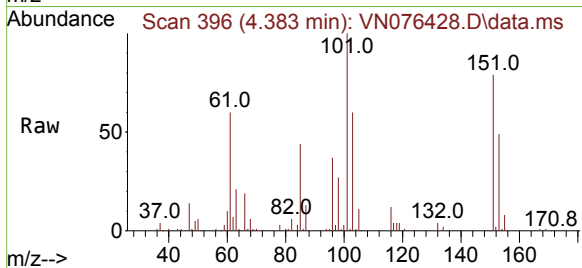




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.266 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

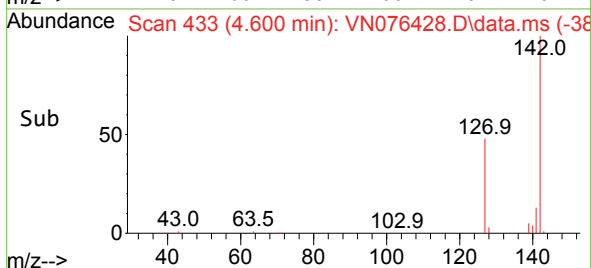
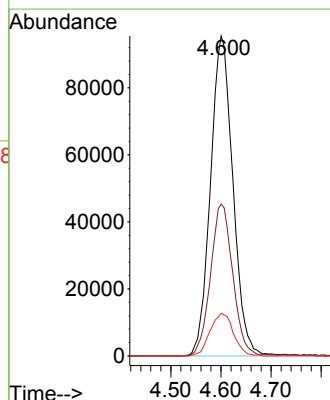
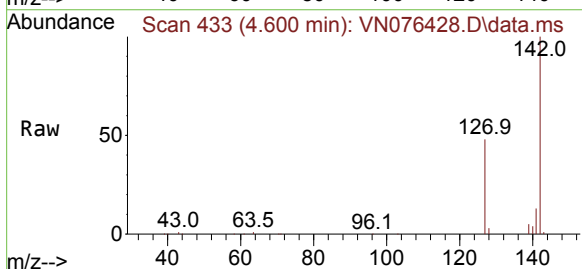
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

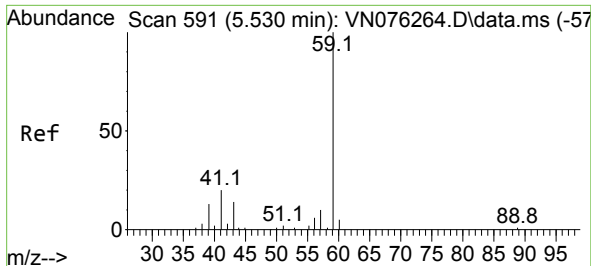
Tgt Ion:101 Resp: 200670
Ion Ratio Lower Upper
101 100
85 45.6 35.5 53.3
151 77.6 65.5 98.3



#10
Methyl Iodide
Concen: 52.459 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion:142 Resp: 296309
Ion Ratio Lower Upper
142 100
127 47.3 35.0 52.4
141 13.9 11.5 17.3

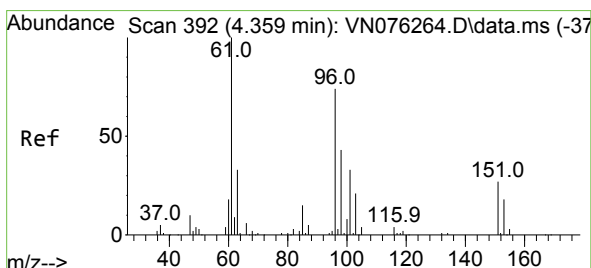
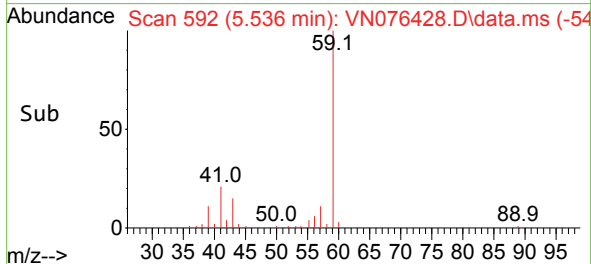
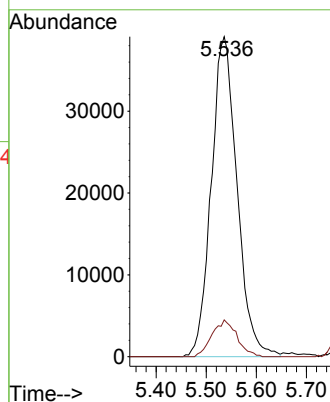
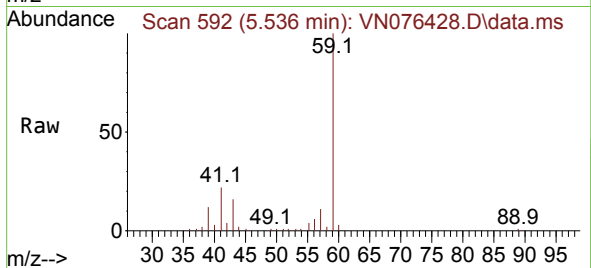




#11
Tert butyl alcohol
Concen: 255.566 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

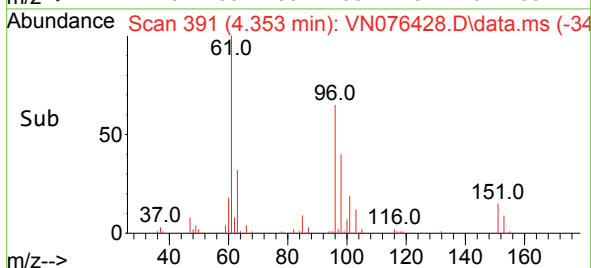
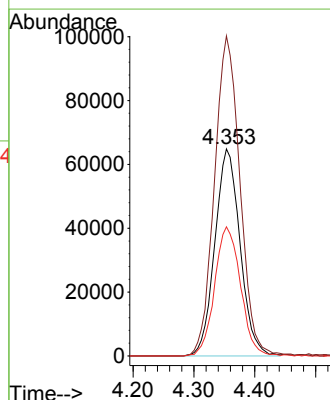
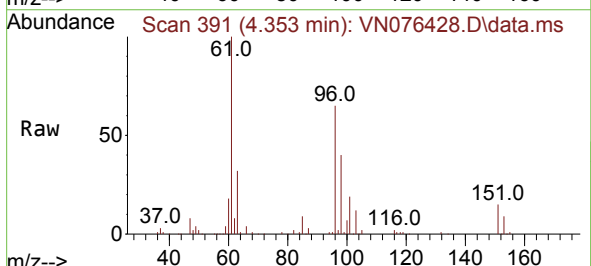
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

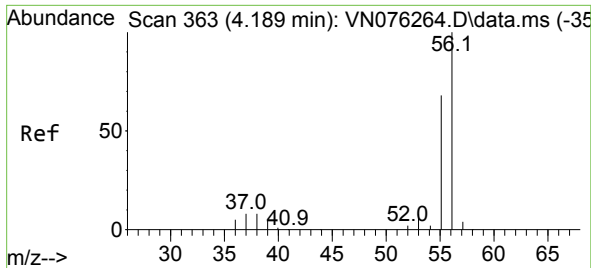
Tgt Ion: 59 Resp: 139686
Ion Ratio Lower Upper
59 100
57 11.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 53.377 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 96 Resp: 186587
Ion Ratio Lower Upper
96 100
61 154.5 108.2 162.4
98 62.4 47.0 70.6





#13

Acrolein

Concen: 292.321 ug/l

RT: 4.189 min Scan# 3

Delta R.T. -0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

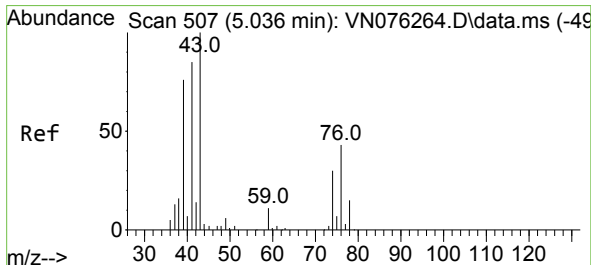
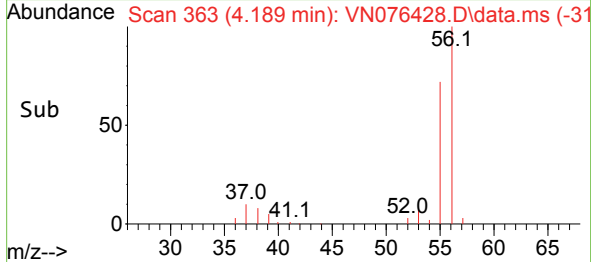
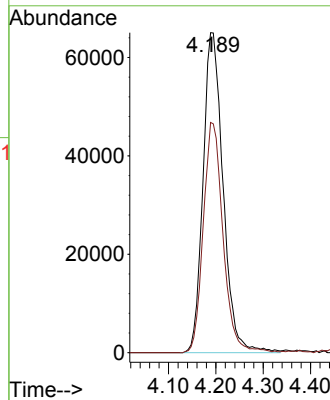
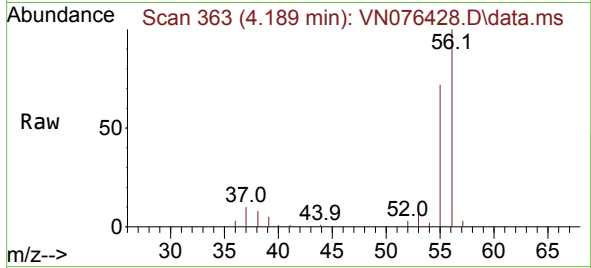
VSTDCCC050

Tgt Ion: 56 Resp: 191077

Ion Ratio Lower Upper

56 100

55 71.0 55.8 83.6



#14

Allyl chloride

Concen: 62.694 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

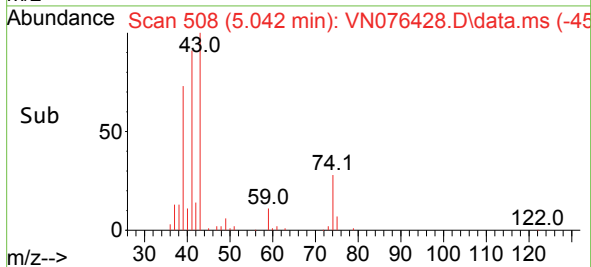
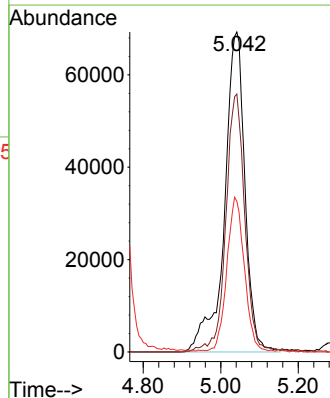
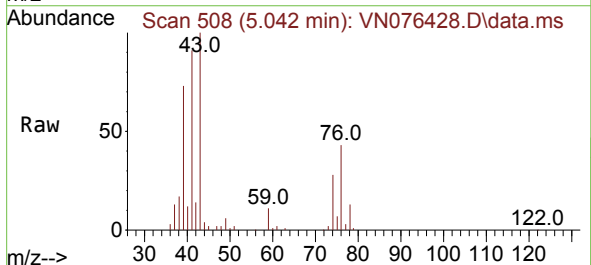
Tgt Ion: 41 Resp: 255391

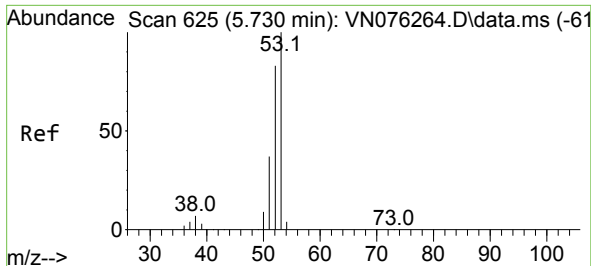
Ion Ratio Lower Upper

41 100

39 74.3 67.4 101.0

76 40.8 39.8 59.8

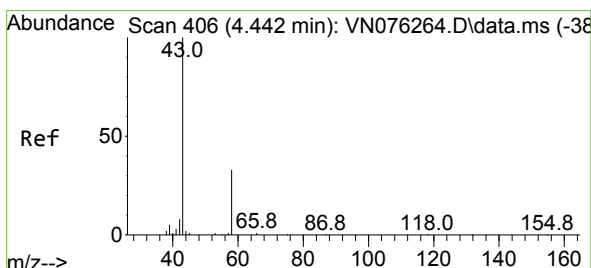
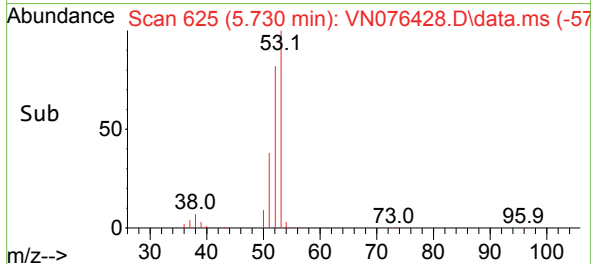
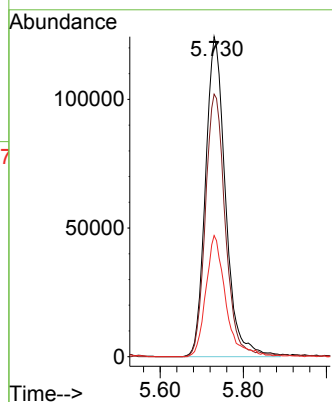
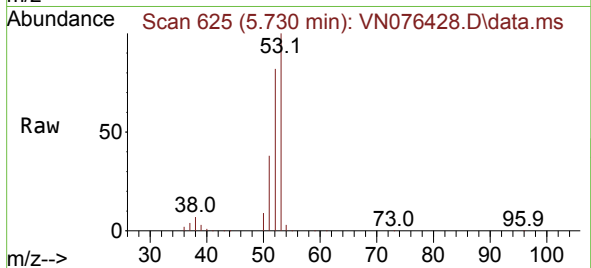




#15
Acrylonitrile
Concen: 267.277 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

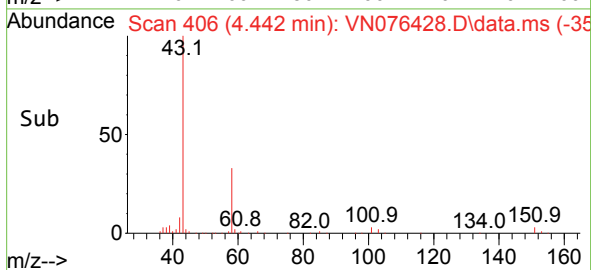
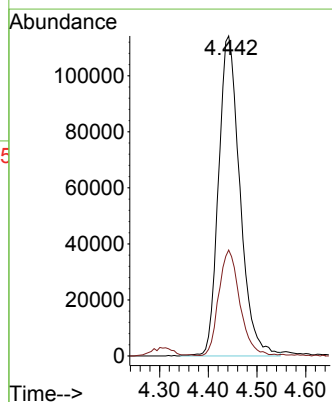
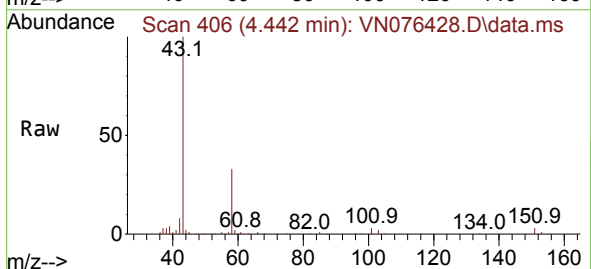
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

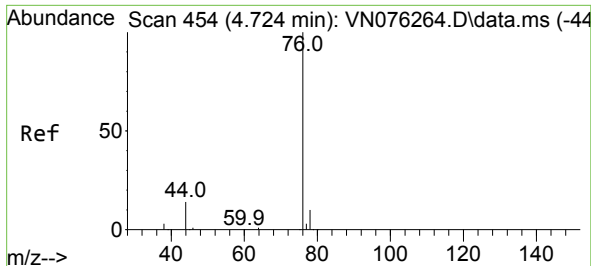
Tgt Ion: 53 Resp: 415718
Ion Ratio Lower Upper
53 100
52 81.9 64.7 97.1
51 37.5 29.2 43.8



#16
Acetone
Concen: 265.783 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 43 Resp: 348159
Ion Ratio Lower Upper
43 100
58 32.7 26.7 40.1

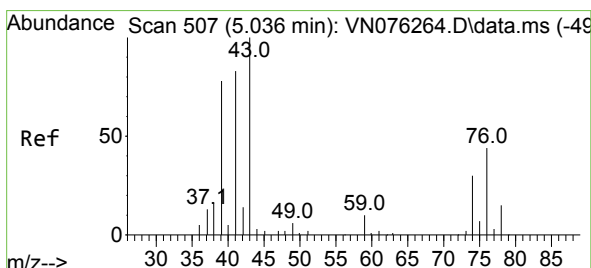
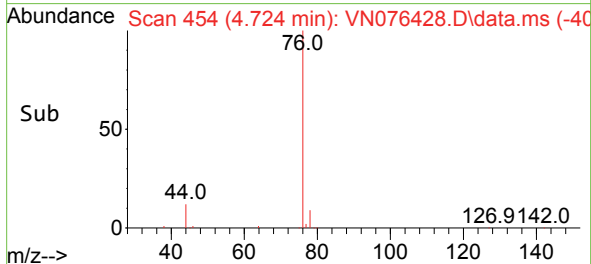
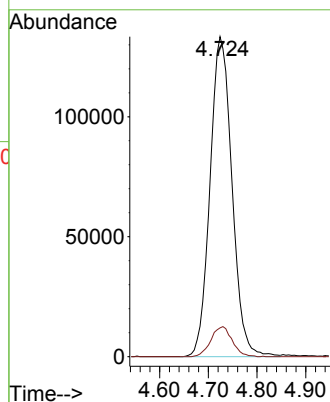
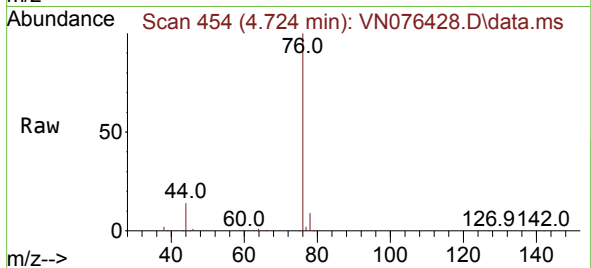




#17
Carbon Disulfide
Concen: 48.023 ug/l
RT: 4.724 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

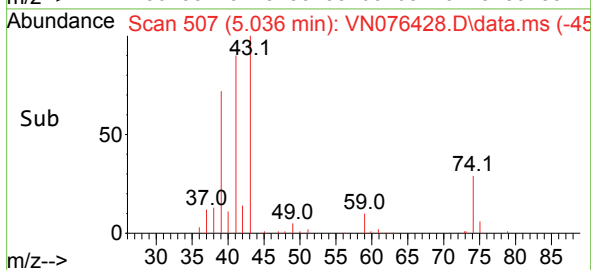
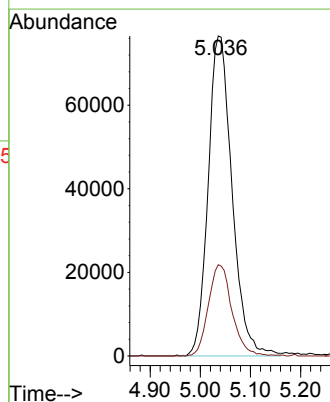
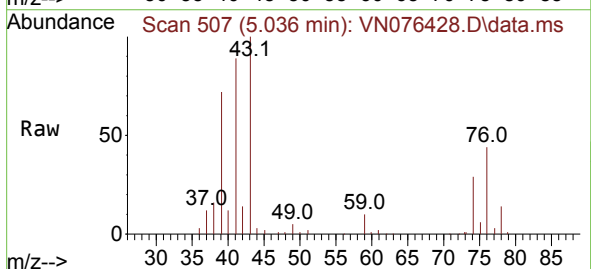
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

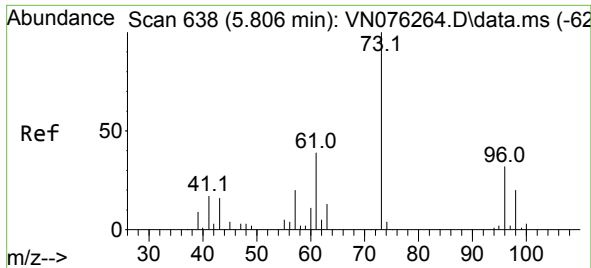
Tgt Ion: 76 Resp: 417988
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0



#18
Methyl Acetate
Concen: 57.117 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 43 Resp: 253568
Ion Ratio Lower Upper
43 100
74 28.1 23.3 34.9

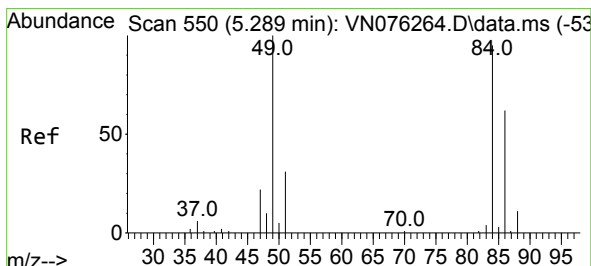
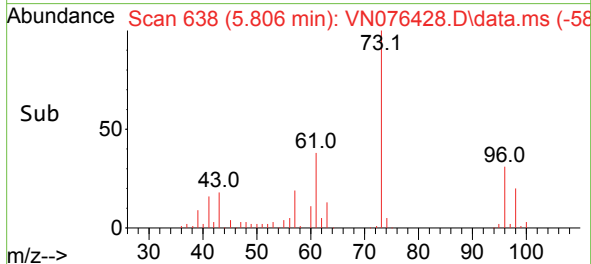
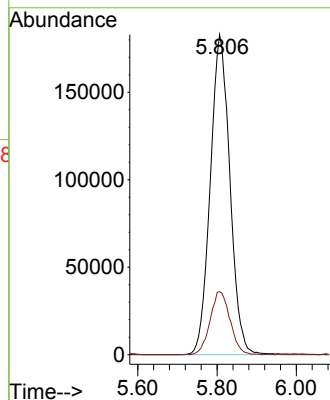
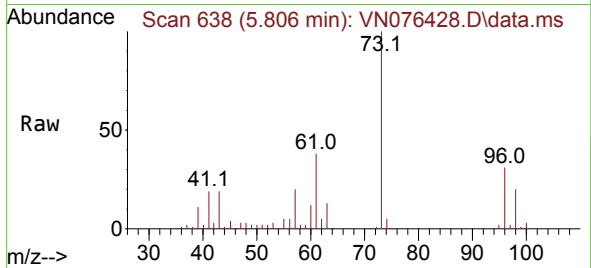




#19
Methyl tert-butyl Ether
Concen: 55.267 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

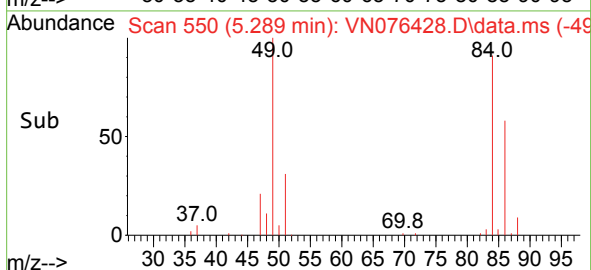
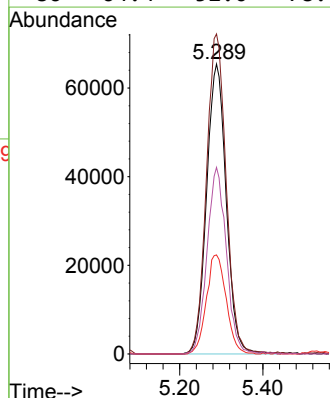
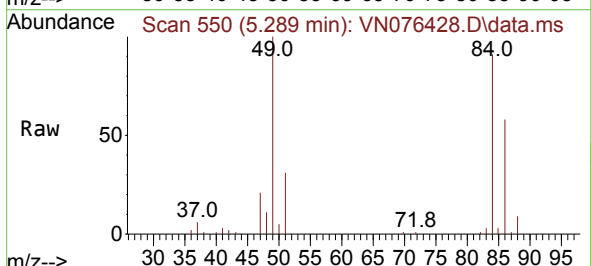
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

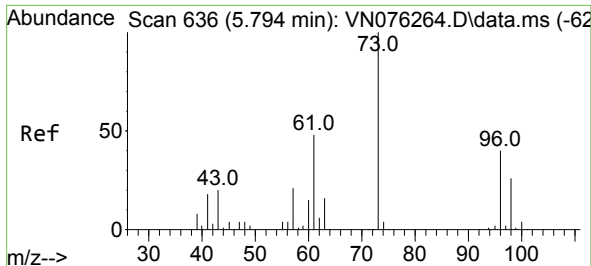
Tgt Ion: 73 Resp: 628938
Ion Ratio Lower Upper
73 100
57 19.7 15.9 23.9



#20
Methylene Chloride
Concen: 55.451 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 84 Resp: 214684
Ion Ratio Lower Upper
84 100
49 110.4 84.5 126.7
51 34.2 26.0 39.0
86 64.4 52.0 78.0

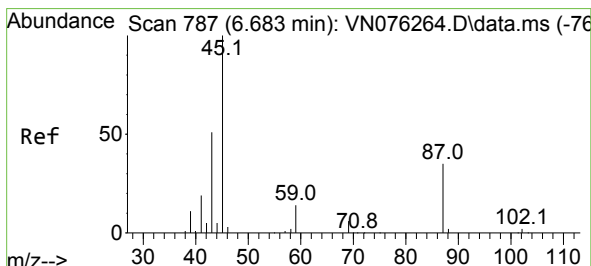
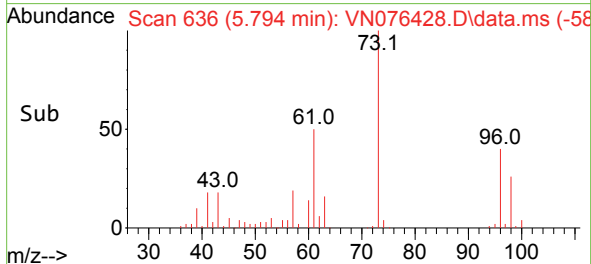
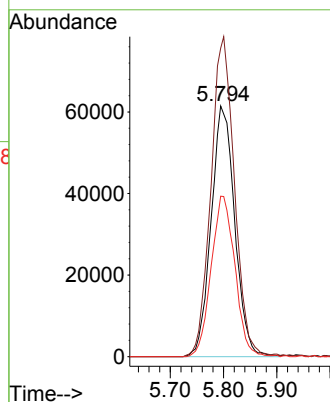
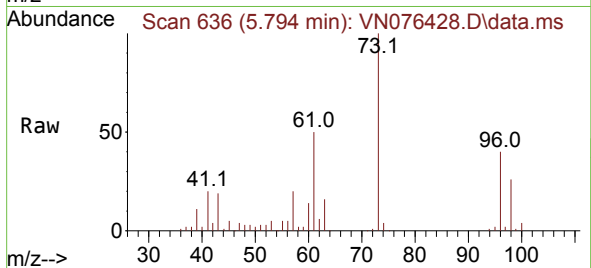




#21
trans-1,2-Dichloroethene
Concen: 49.940 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

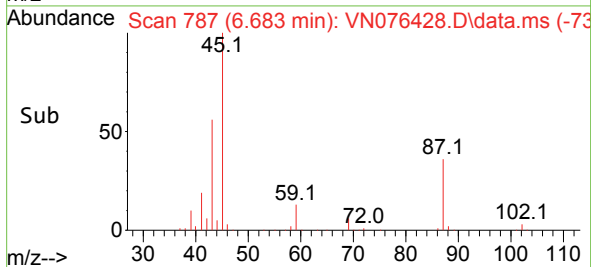
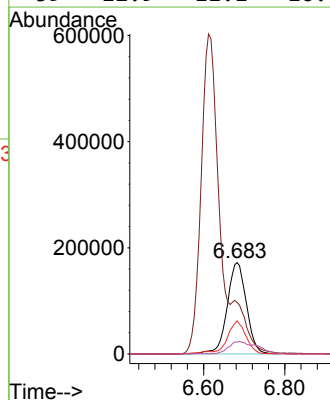
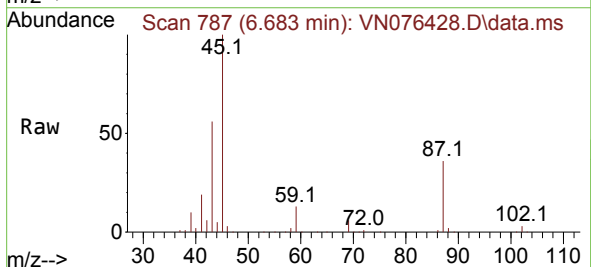
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

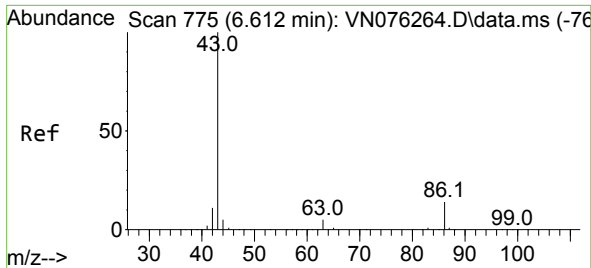
Tgt Ion: 96 Resp: 189120
Ion Ratio Lower Upper
96 100
61 123.0 97.0 145.4
98 64.0 51.9 77.9



#22
Diisopropyl ether
Concen: 58.957 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 45 Resp: 566378
Ion Ratio Lower Upper
45 100
43 56.0 44.4 66.6
87 36.1 28.4 42.6
59 12.9 11.1 16.7

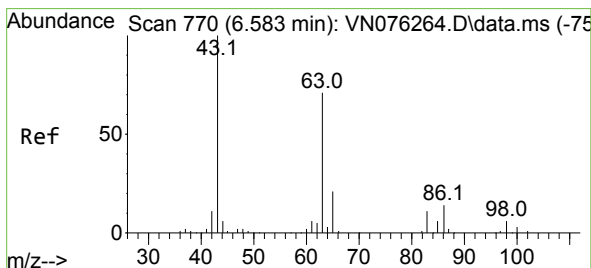
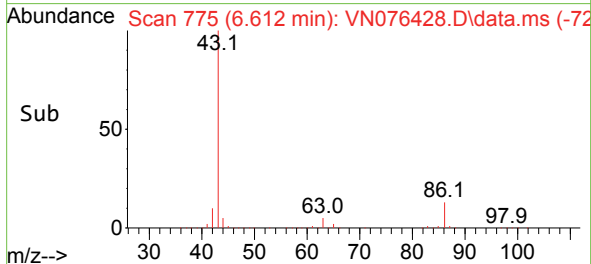
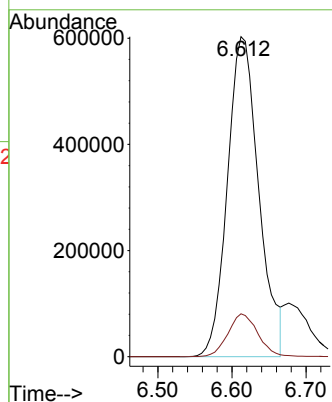
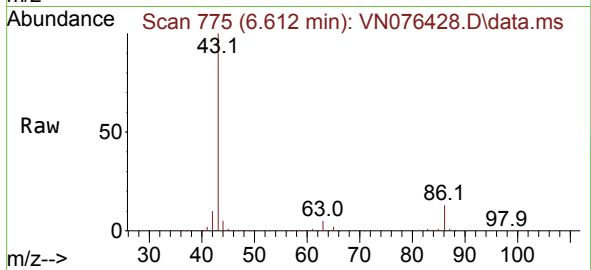




#23
 Vinyl Acetate
 Concen: 285.564 ug/l
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN076428.D
 Acq: 27 Jan 2023 09:44

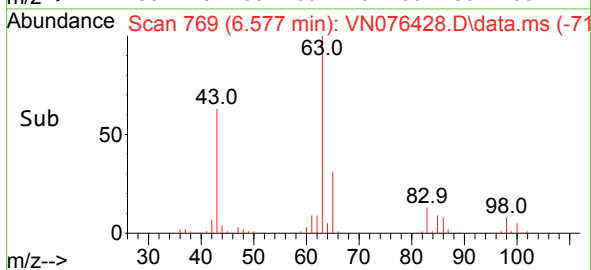
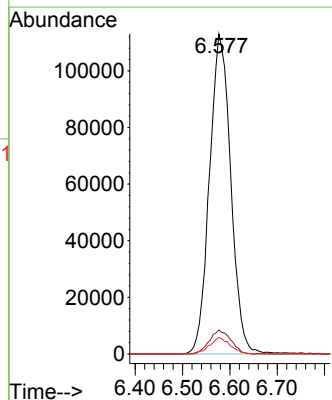
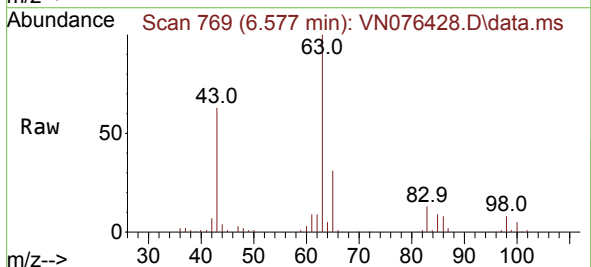
Instrument :
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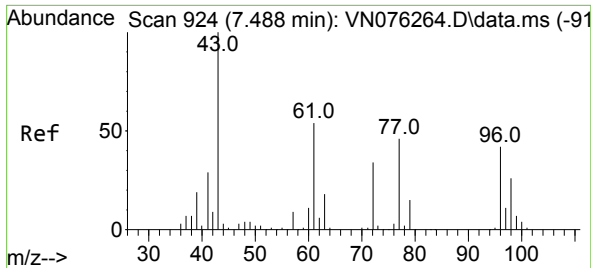
Tgt Ion: 43 Resp: 1772974
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 55.123 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076428.D
 Acq: 27 Jan 2023 09:44

Tgt Ion: 63 Resp: 352981
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 5.1 2.2 6.6

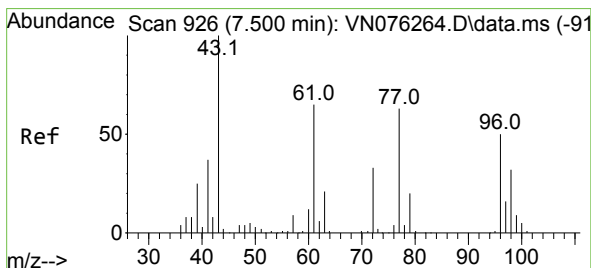
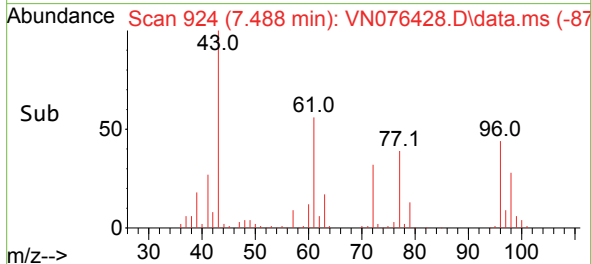
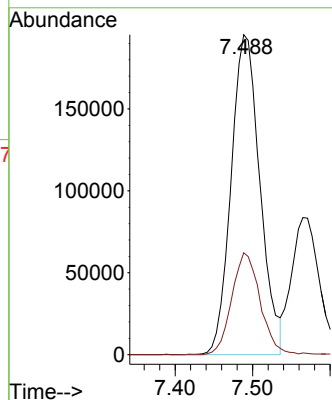
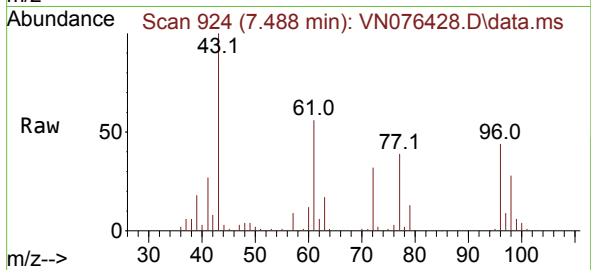




#25
2-Butanone
Concen: 253.104 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

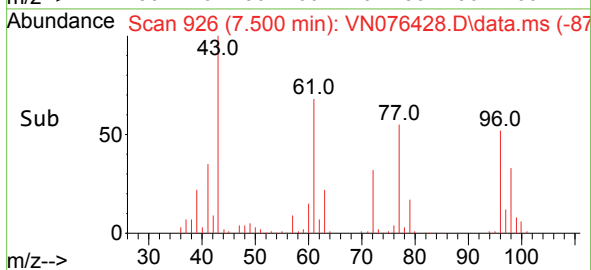
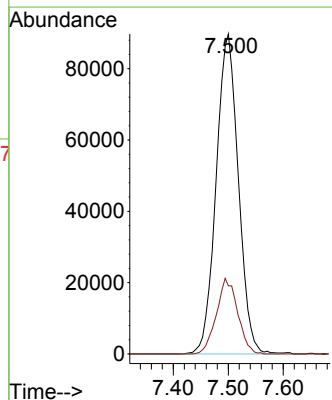
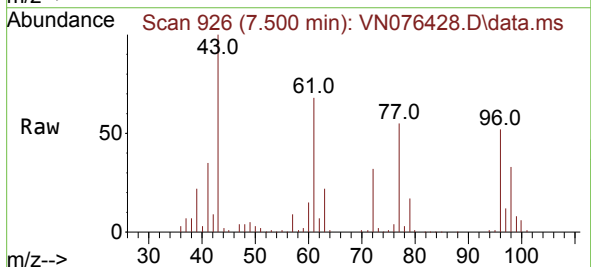
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ClientSampleId :
VSTDCCC050

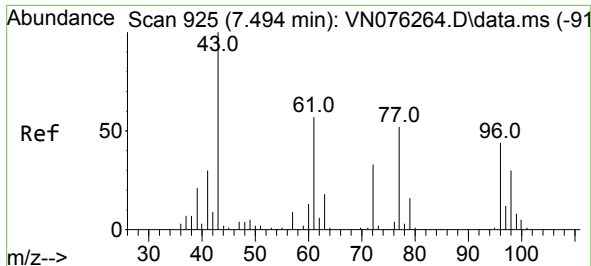
Tgt Ion: 43 Resp: 506387
Ion Ratio Lower Upper
43 100
72 31.9 27.4 41.2



#26
2,2-Dichloropropane
Concen: 46.635 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 77 Resp: 251690
Ion Ratio Lower Upper
77 100
97 22.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 52.325 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

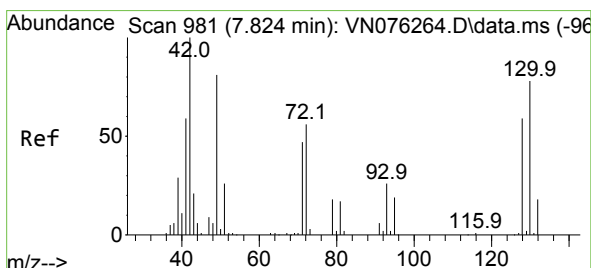
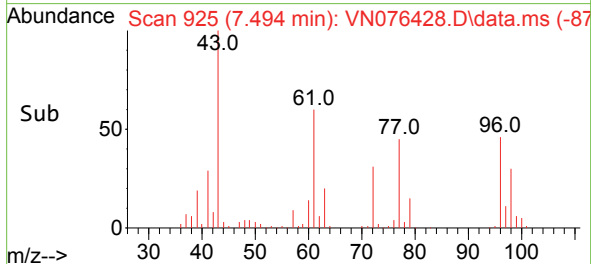
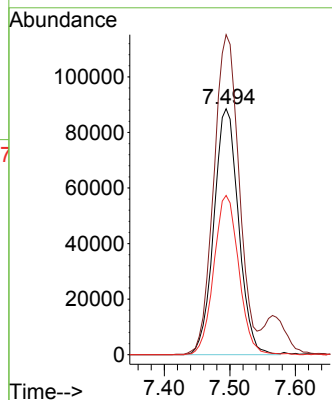
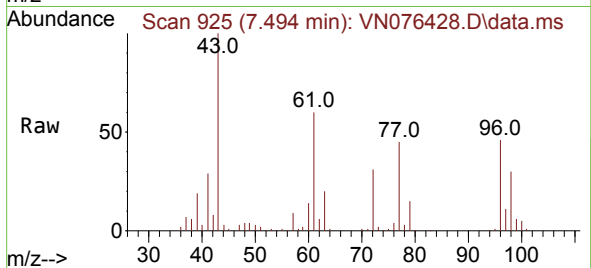
Tgt Ion: 96 Resp: 231107

Ion Ratio Lower Upper

96 100

61 133.6 0.0 259.6

98 65.7 0.0 129.4



#28

Bromochloromethane

Concen: 60.729 ug/l

RT: 7.824 min Scan# 981

Delta R.T. -0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

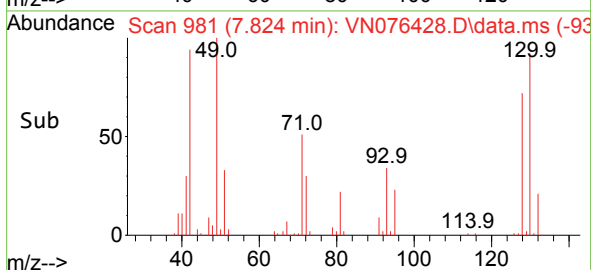
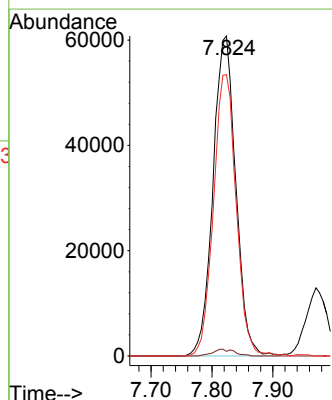
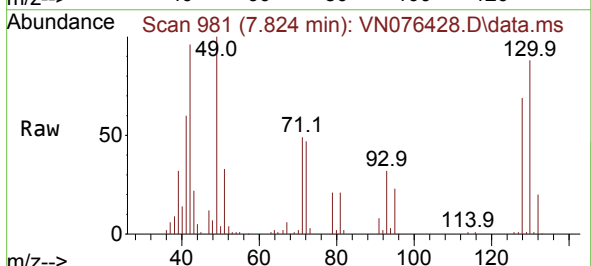
Tgt Ion: 49 Resp: 157623

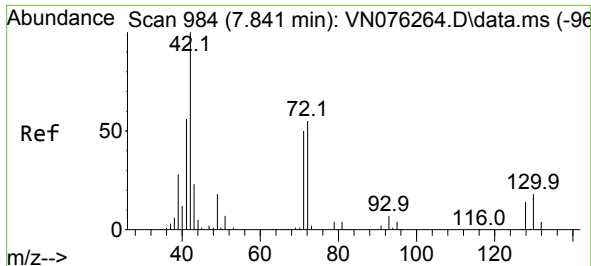
Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.2

130 87.9 76.0 114.0





#29

Tetrahydrofuran

Concen: 272.413 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

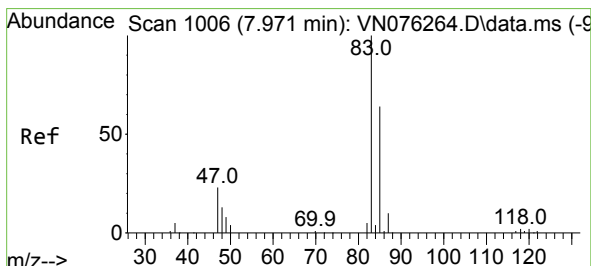
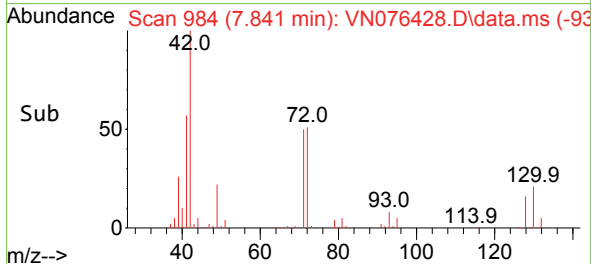
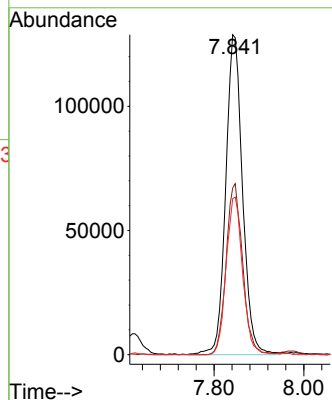
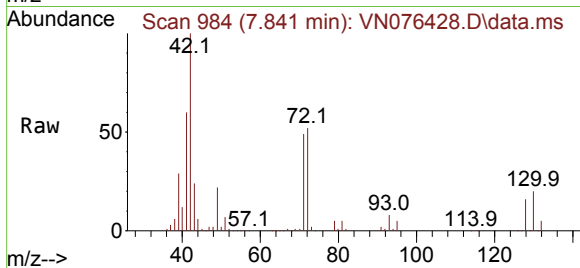
Tgt Ion: 42 Resp: 336376

Ion Ratio Lower Upper

42 100

72 52.4 44.0 66.0

71 48.5 41.1 61.7



#30

Chloroform

Concen: 56.789 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076428.D

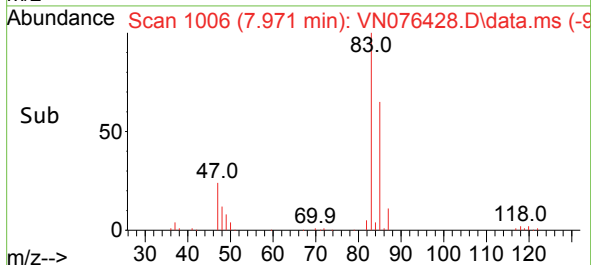
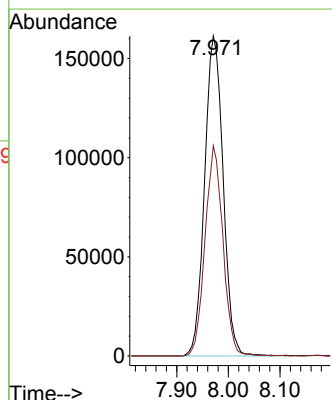
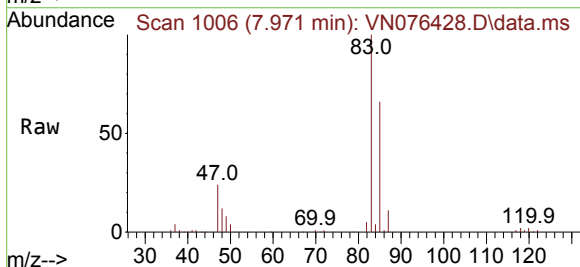
Acq: 27 Jan 2023 09:44

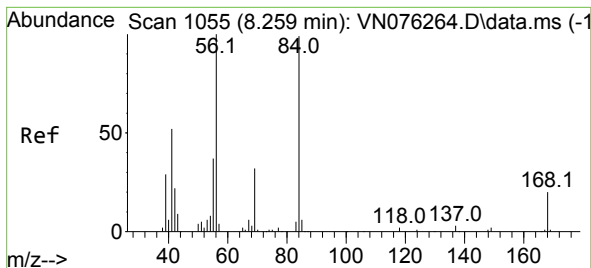
Tgt Ion: 83 Resp: 402376

Ion Ratio Lower Upper

83 100

85 65.7 51.0 76.6





#31

Cyclohexane

Concen: 45.604 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

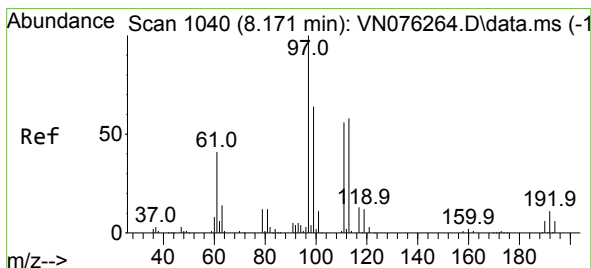
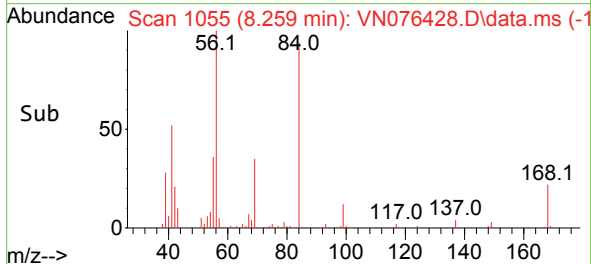
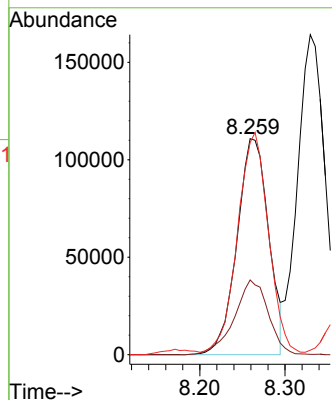
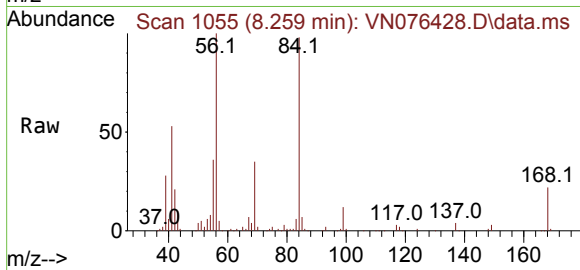
Tgt Ion: 56 Resp: 286271

Ion Ratio Lower Upper

56 100

69 34.6 25.8 38.8

84 96.2 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 55.518 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

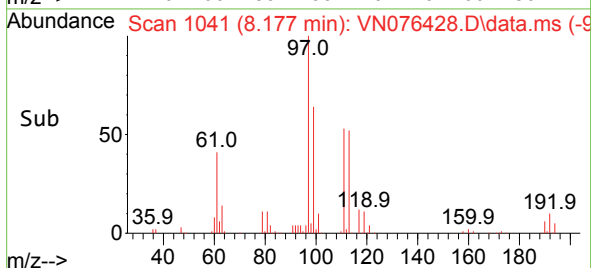
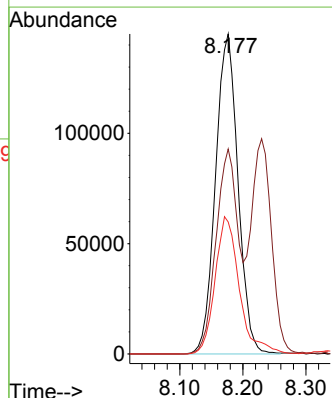
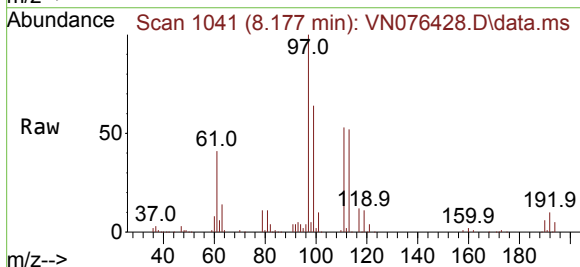
Tgt Ion: 97 Resp: 359144

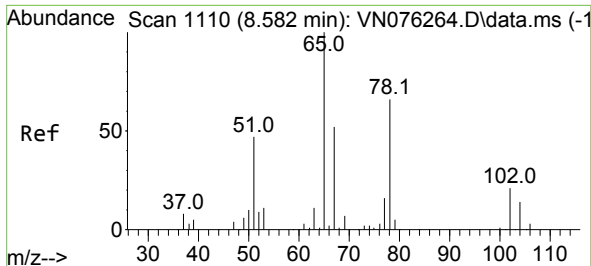
Ion Ratio Lower Upper

97 100

99 62.6 55.0 82.4

61 46.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 55.117 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

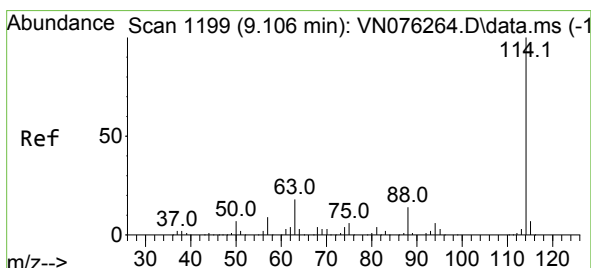
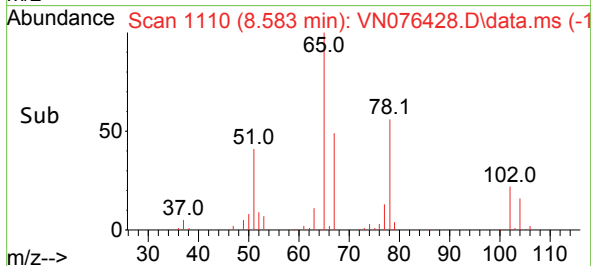
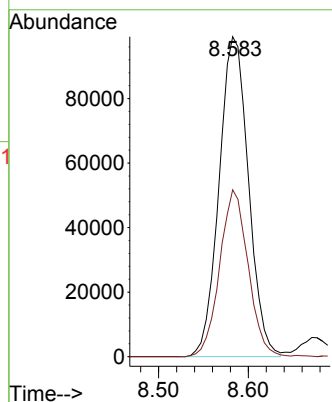
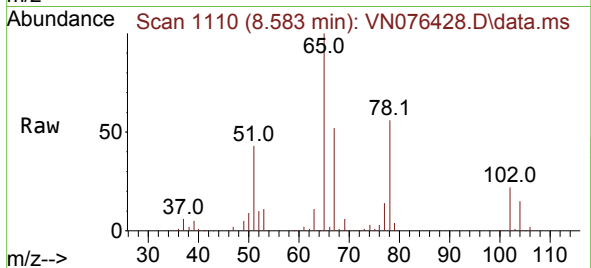
VSTDCCC050

Tgt Ion: 65 Resp: 225229

Ion Ratio Lower Upper

65 100

67 50.5 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: VN076428.D

Acq: 27 Jan 2023 09:44

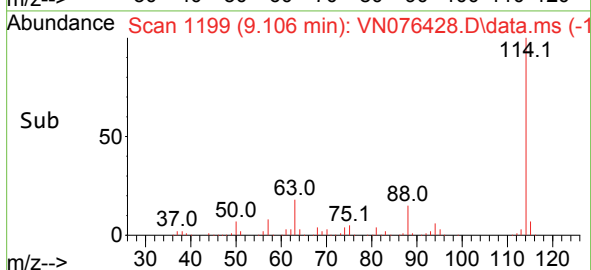
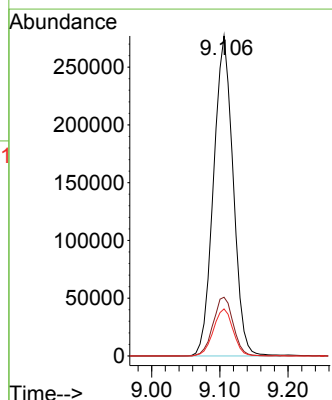
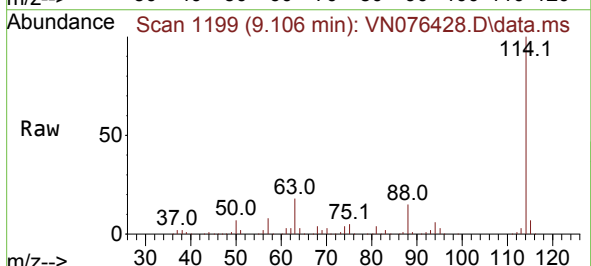
Tgt Ion: 114 Resp: 553861

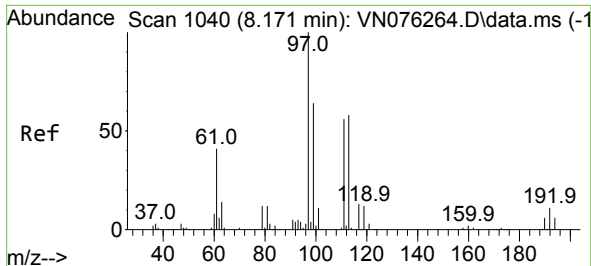
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 14.7 0.0 28.0

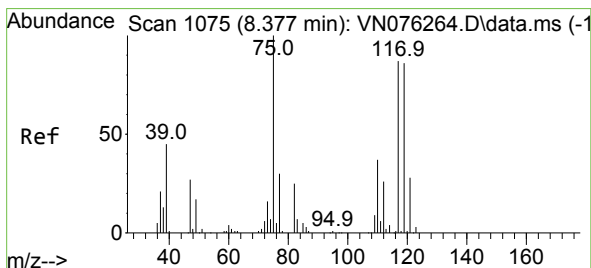
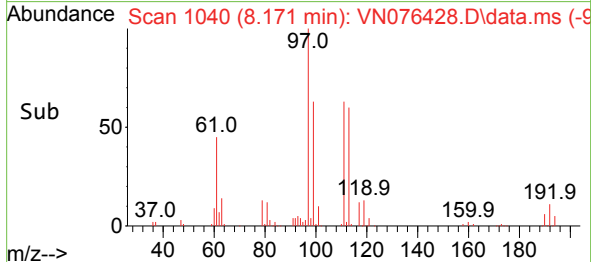
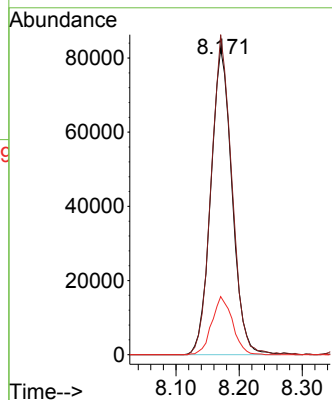
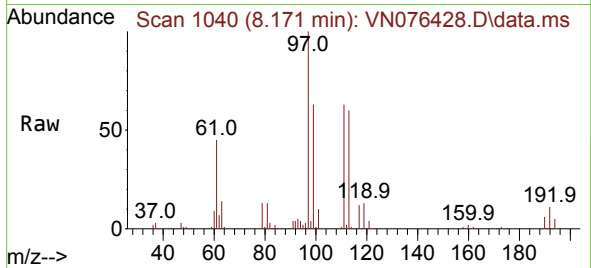




#35
Dibromofluoromethane
Concen: 55.656 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

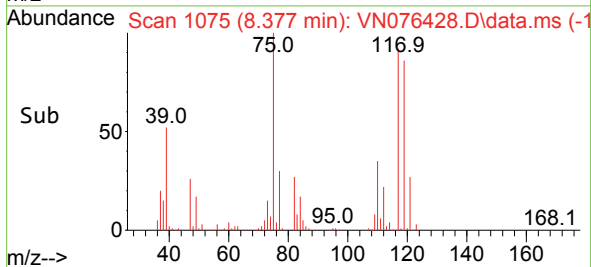
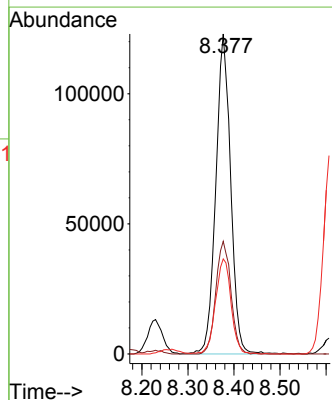
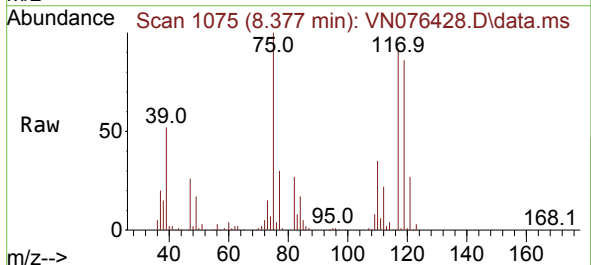
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

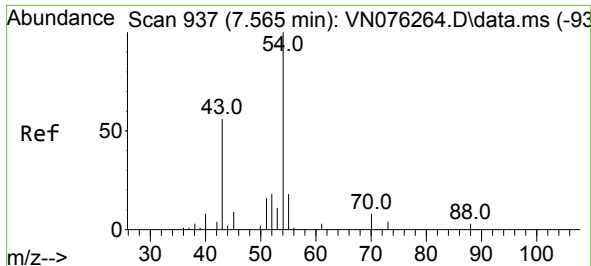
Tgt Ion:113 Resp: 192828
Ion Ratio Lower Upper
113 100
111 102.2 82.7 124.1
192 18.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 55.798 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 75 Resp: 274702
Ion Ratio Lower Upper
75 100
110 35.8 18.8 56.3
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 54.823 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

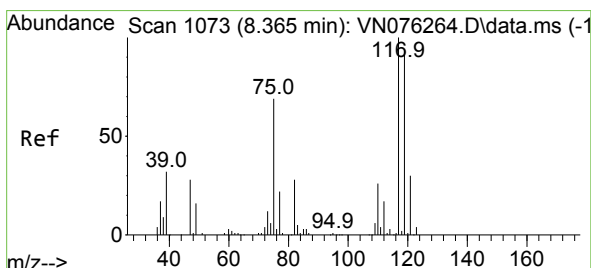
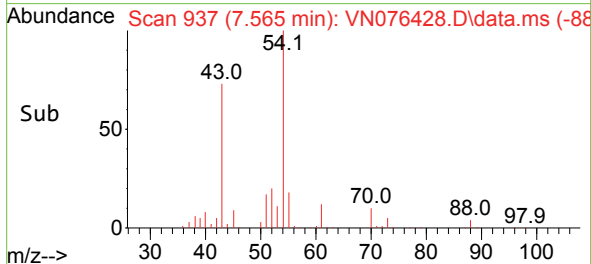
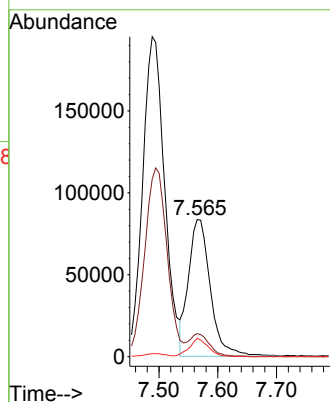
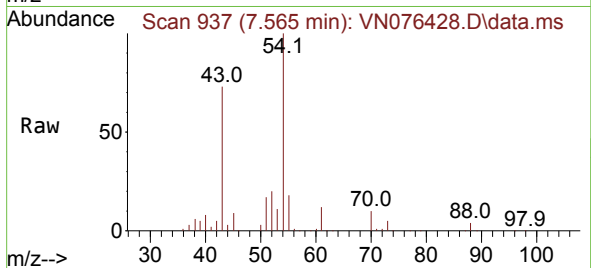
Tgt Ion: 43 Resp: 216500

Ion Ratio Lower Upper

43 100

61 14.8 11.1 16.7

70 11.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 57.783 ug/l

RT: 8.365 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

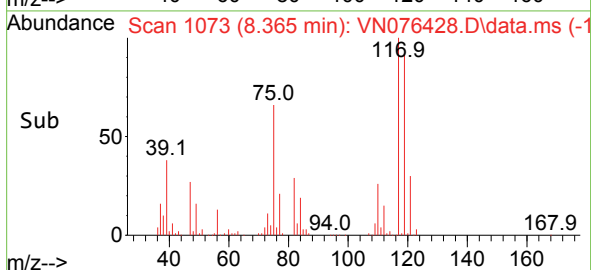
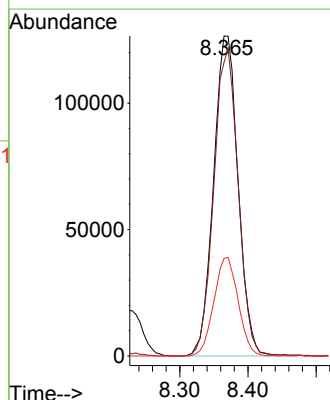
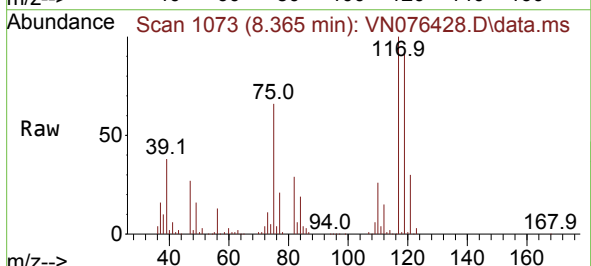
Tgt Ion: 117 Resp: 317236

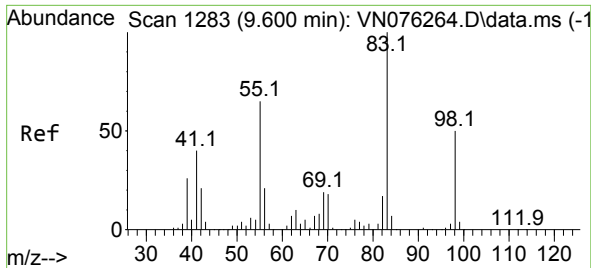
Ion Ratio Lower Upper

117 100

119 91.8 75.4 113.0

121 30.5 24.2 36.2

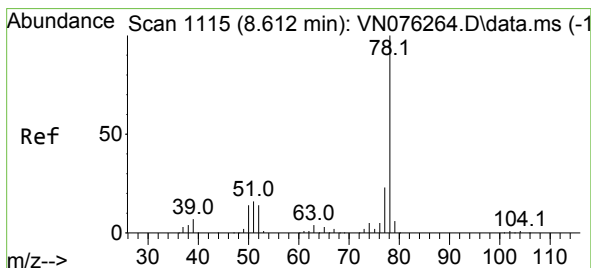
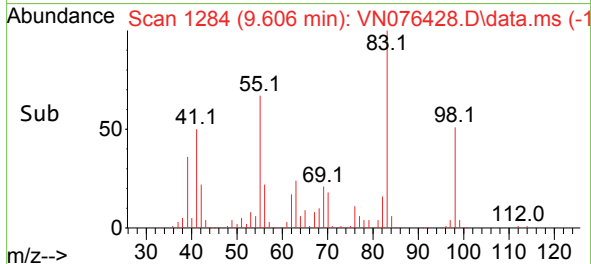
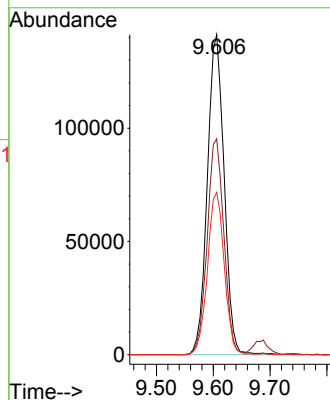
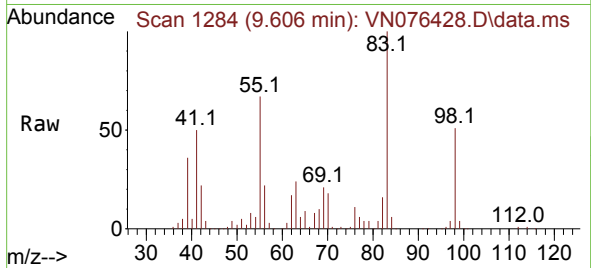




#39
Methylcyclohexane
Concen: 48.145 ug/l
RT: 9.606 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

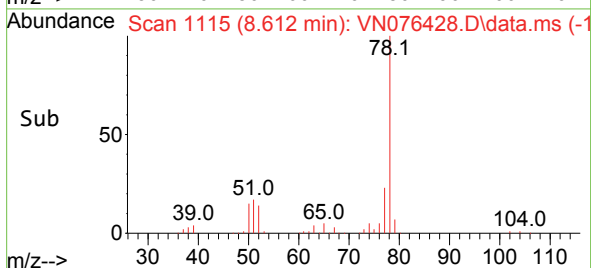
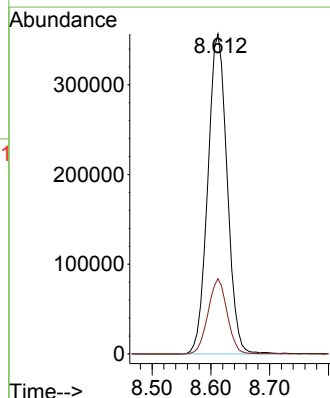
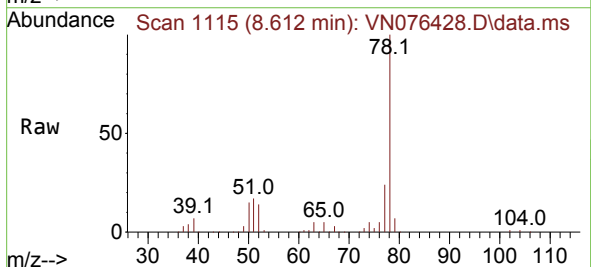
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

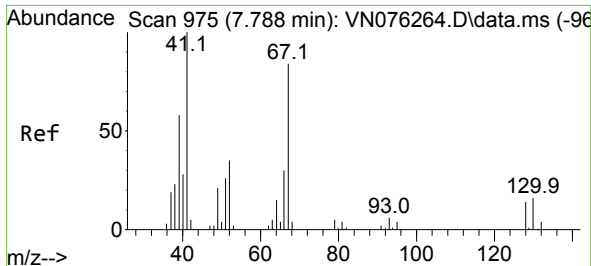
Tgt Ion: 83 Resp: 289450
Ion Ratio Lower Upper
83 100
55 67.5 51.7 77.5
98 50.7 40.0 60.0



#40
Benzene
Concen: 55.243 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 78 Resp: 813238
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

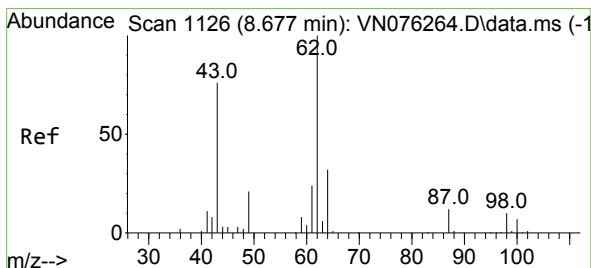
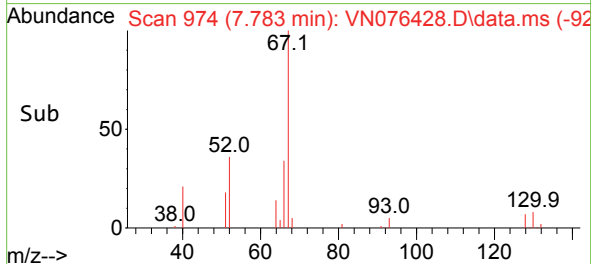
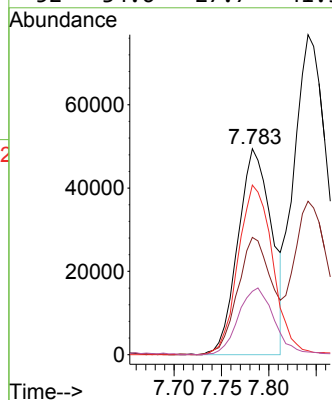
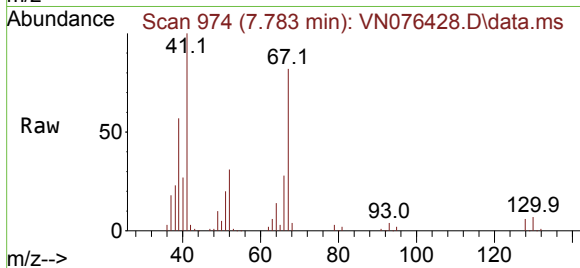




#41
Methacrylonitrile
Concen: 59.396 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

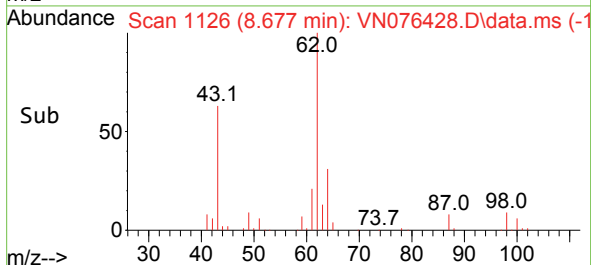
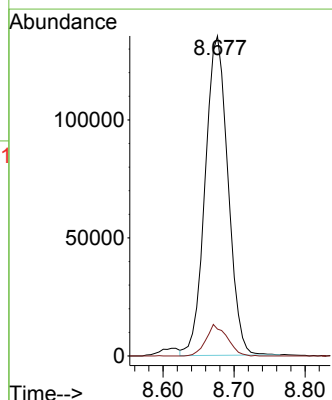
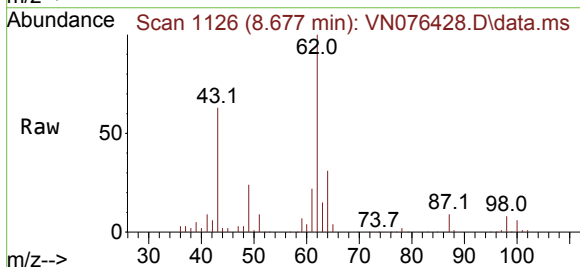
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

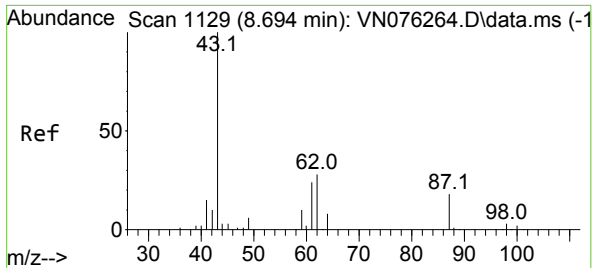
Tgt Ion: 41 Resp: 122807
Ion Ratio Lower Upper
41 100
39 57.5 42.4 63.6
67 85.0 68.8 103.2
52 34.6 27.7 41.5



#42
1,2-Dichloroethane
Concen: 60.042 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 62 Resp: 302417
Ion Ratio Lower Upper
62 100
98 9.2 0.0 20.4

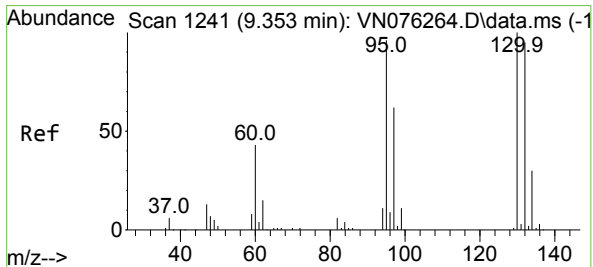
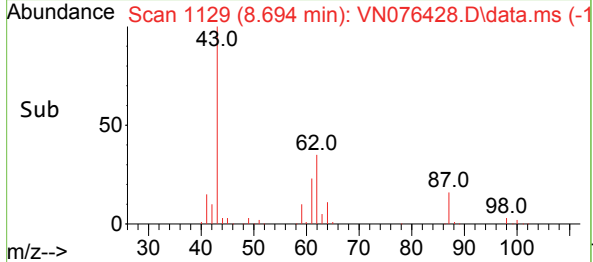
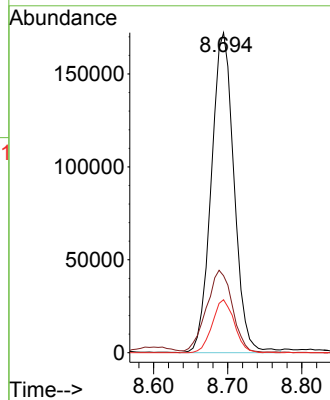
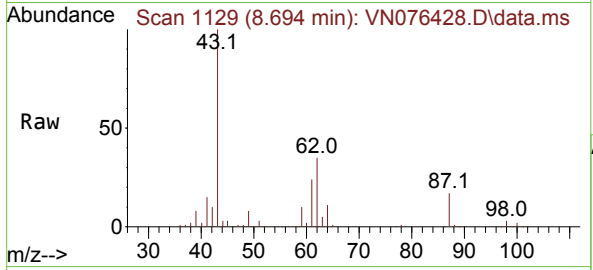




#43
Isopropyl Acetate
Concen: 57.025 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

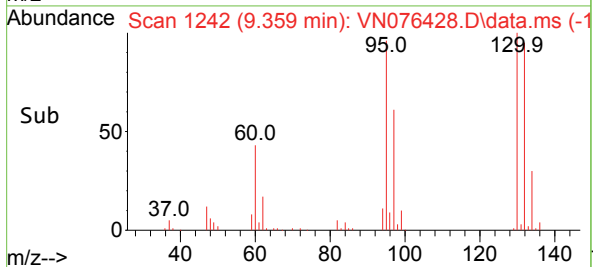
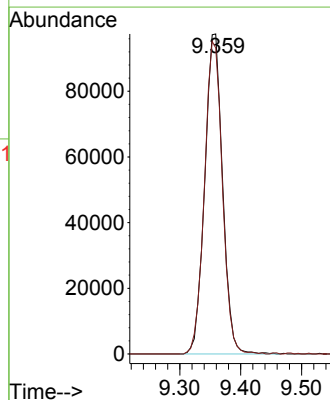
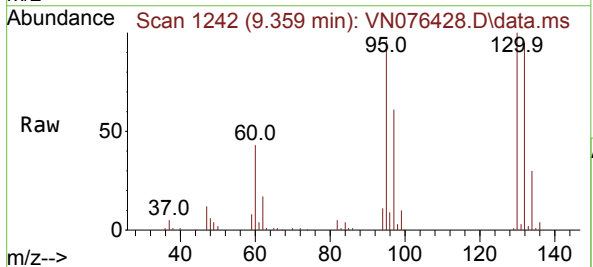
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

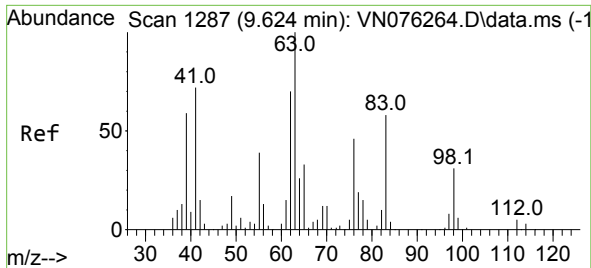
Tgt Ion: 43 Resp: 366325
Ion Ratio Lower Upper
43 100
61 29.2 23.5 35.3
87 16.0 13.8 20.6



#44
Trichloroethene
Concen: 47.638 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion:130 Resp: 198344
Ion Ratio Lower Upper
130 100
95 95.6 0.0 192.0

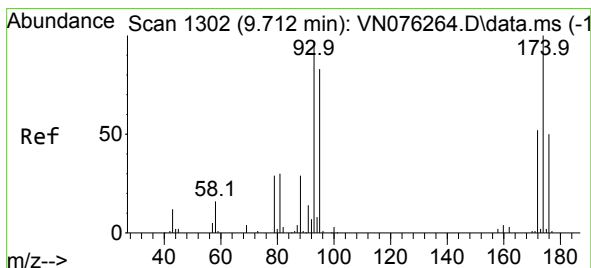
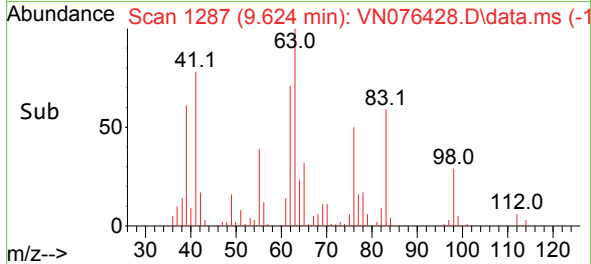
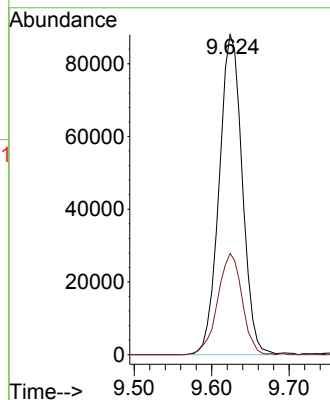
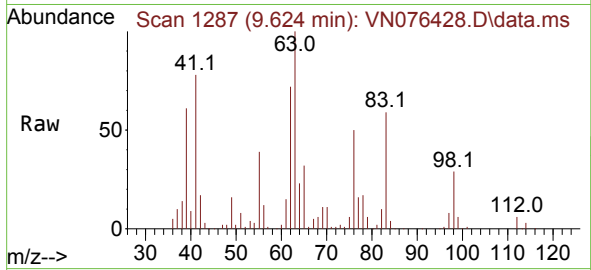




#45
1,2-Dichloropropane
Concen: 51.827 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

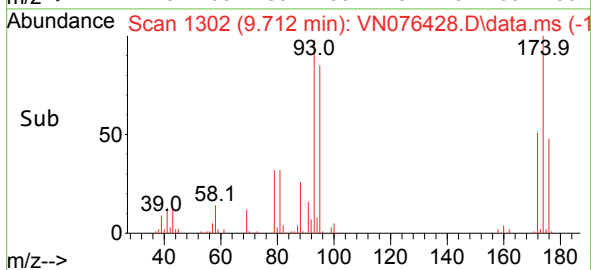
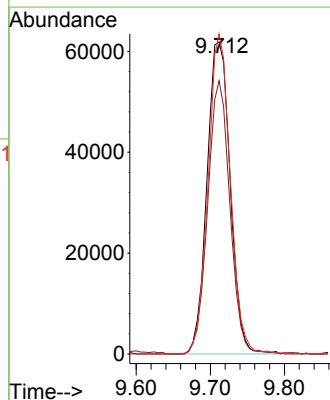
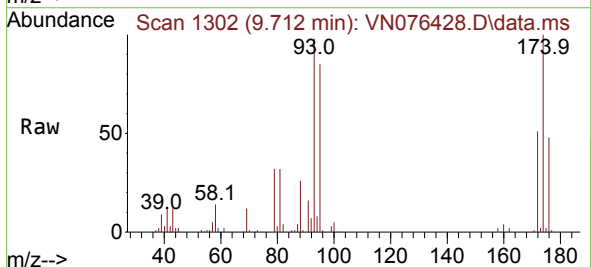
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

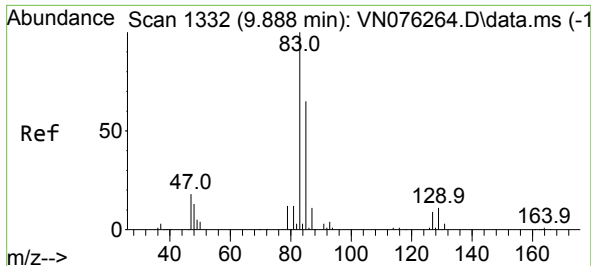
Tgt Ion: 63 Resp: 182665
Ion Ratio Lower Upper
63 100
65 31.6 26.4 39.6



#46
Dibromomethane
Concen: 50.618 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 93 Resp: 134698
Ion Ratio Lower Upper
93 100
95 83.8 66.0 99.0
174 98.3 81.3 121.9

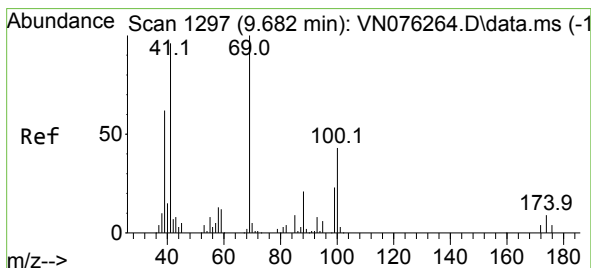
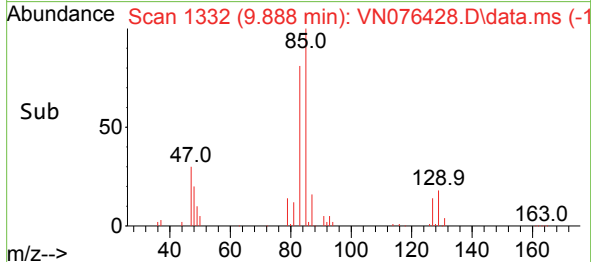
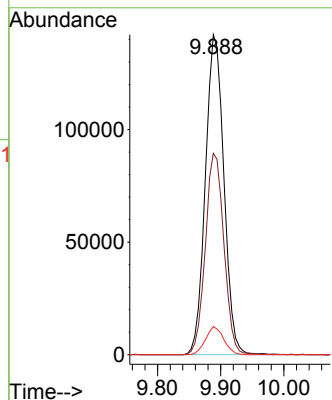
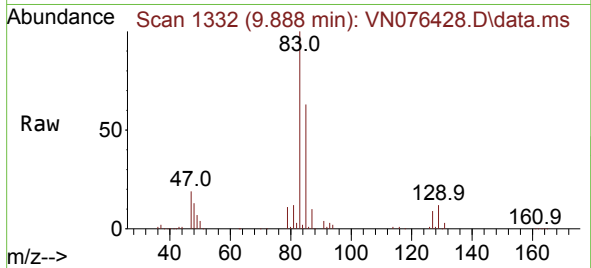




#47
Bromodichloromethane
Concen: 56.054 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

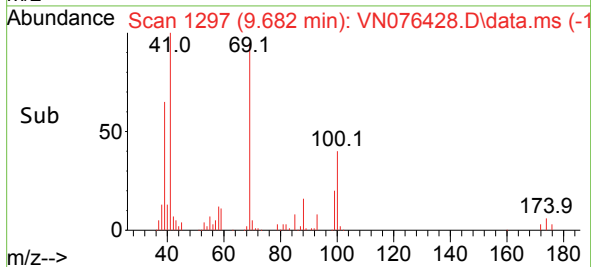
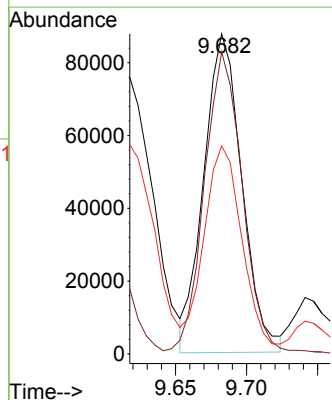
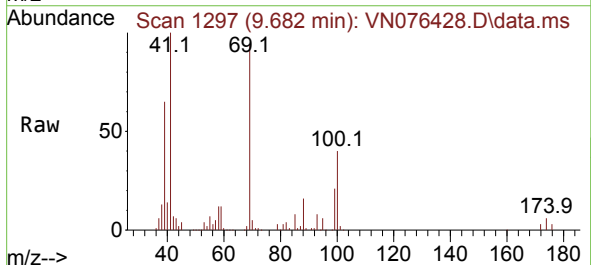
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

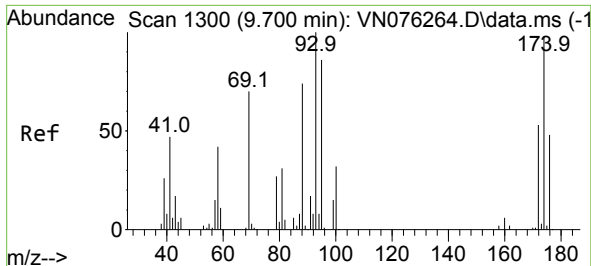
Tgt Ion: 83 Resp: 289304
Ion Ratio Lower Upper
83 100
85 62.9 52.1 78.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 53.727 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 41 Resp: 163396
Ion Ratio Lower Upper
41 100
69 94.9 80.8 121.2
39 66.5 54.4 81.6

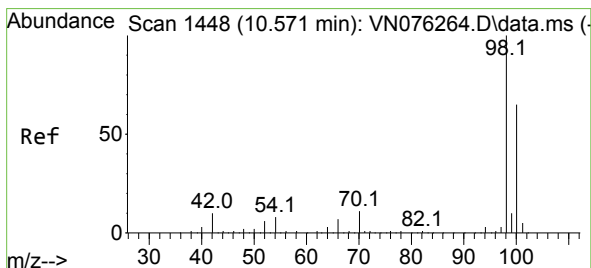
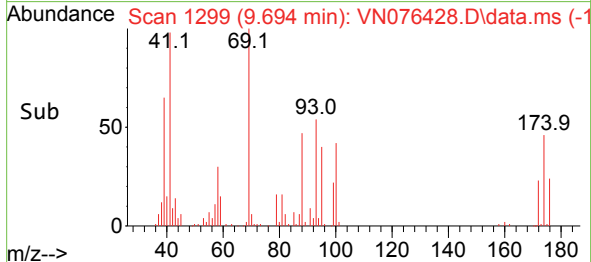
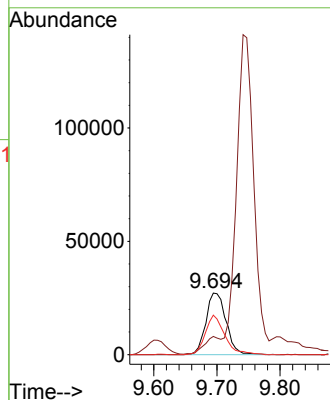
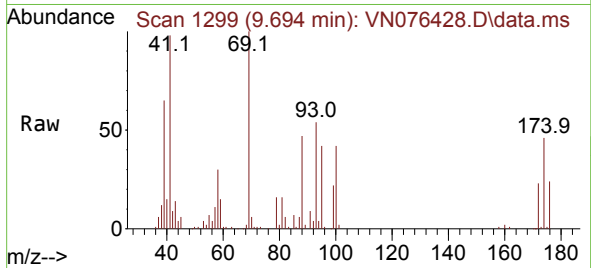




#49
1,4-Dioxane
Concen: 940.328 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

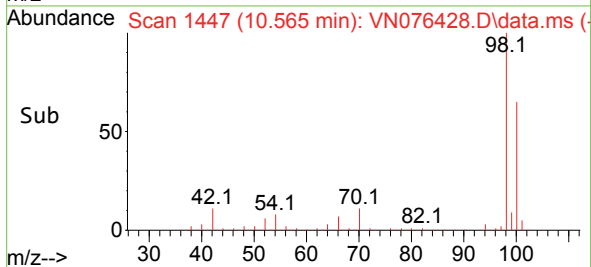
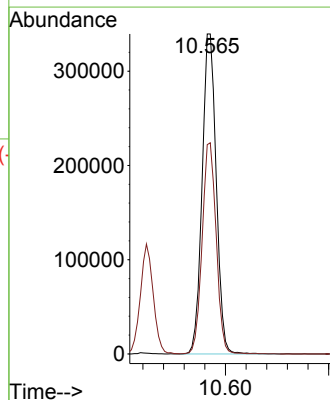
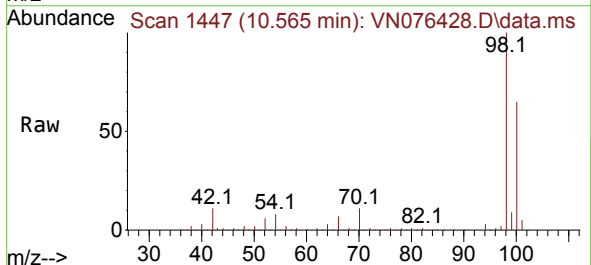
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

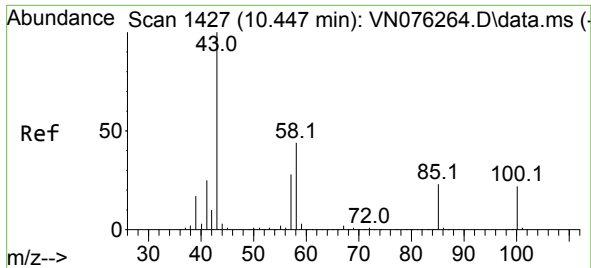
Tgt Ion: 88 Resp: 60342
Ion Ratio Lower Upper
88 100
43 23.2 18.1 27.1
58 62.0 46.5 69.7



#50
Toluene-d8
Concen: 50.171 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 98 Resp: 641953
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 268.255 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

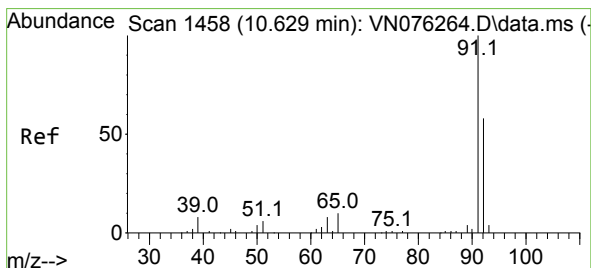
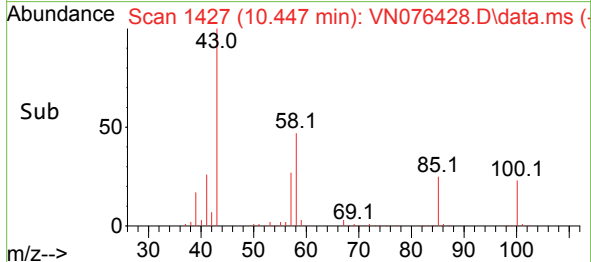
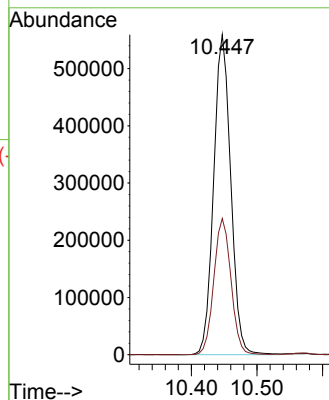
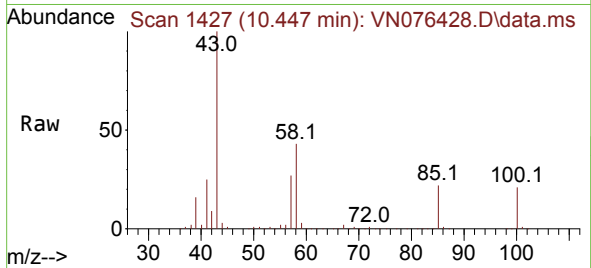
VSTDCCC050

Tgt Ion: 43 Resp: 1011618

Ion Ratio Lower Upper

43 100

58 42.7 35.1 52.7



#52

Toluene

Concen: 50.047 ug/l

RT: 10.629 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VN076428.D

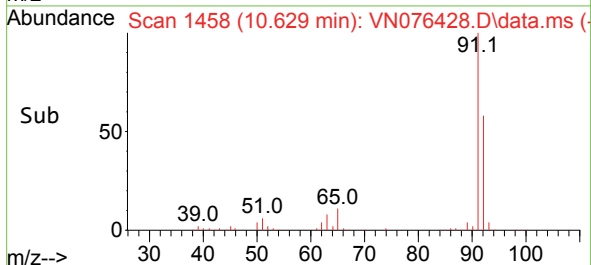
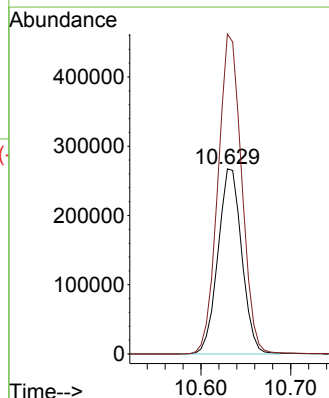
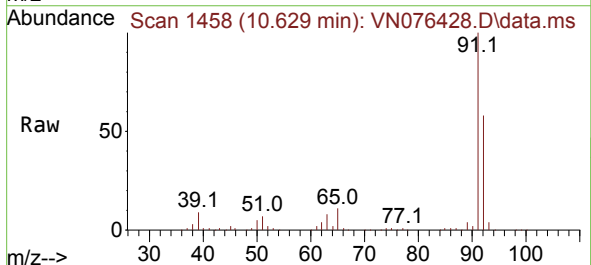
Acq: 27 Jan 2023 09:44

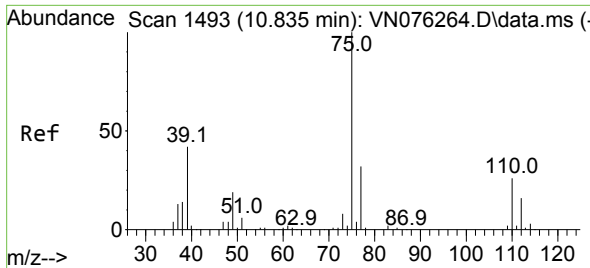
Tgt Ion: 92 Resp: 492686

Ion Ratio Lower Upper

92 100

91 172.6 136.6 205.0

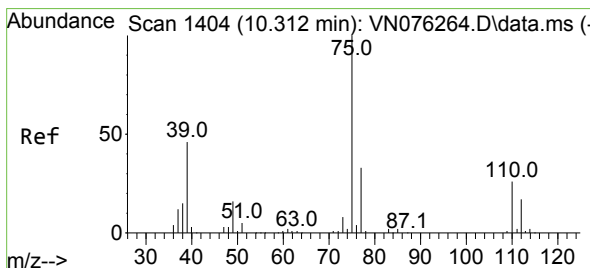
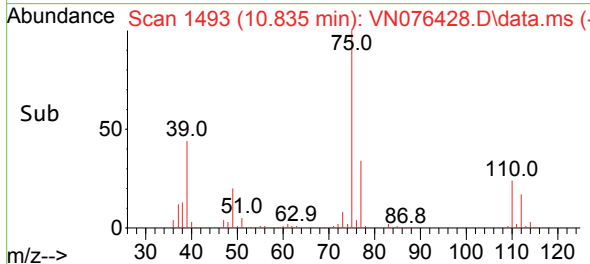
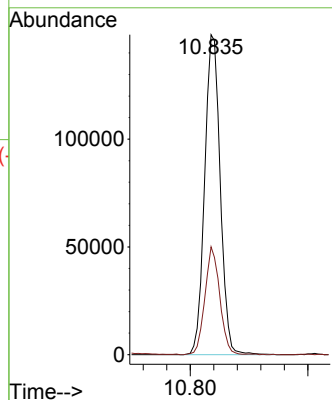
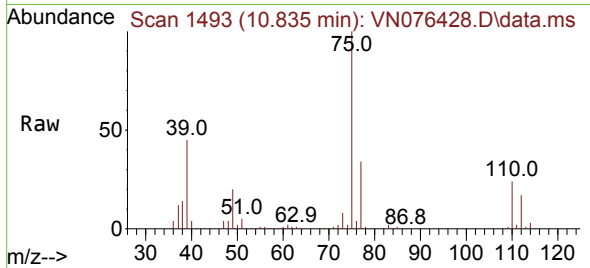




#53
 t-1,3-Dichloropropene
 Concen: 55.327 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076428.D
 Acq: 27 Jan 2023 09:44

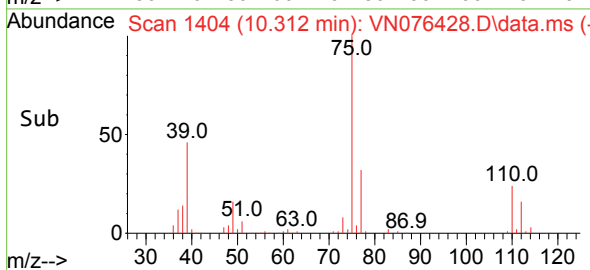
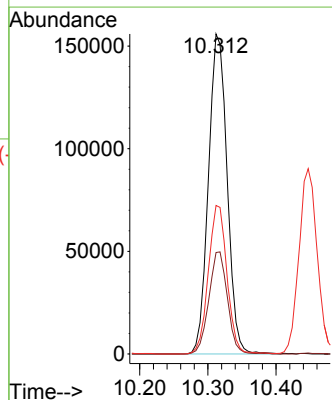
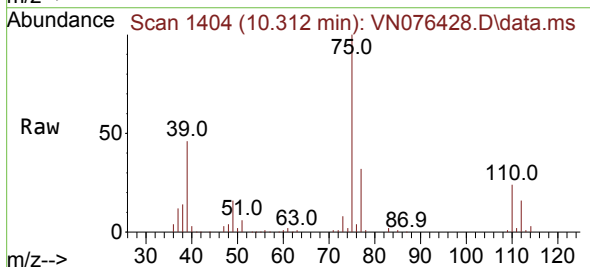
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

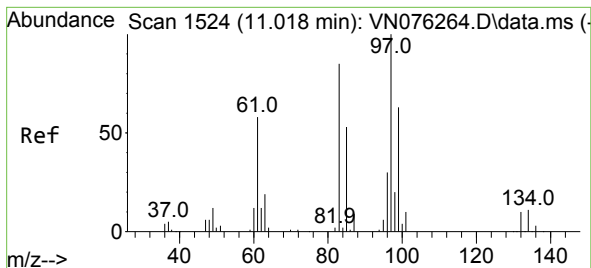
Tgt Ion: 75 Resp: 272211
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.575 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076428.D
 Acq: 27 Jan 2023 09:44

Tgt Ion: 75 Resp: 297592
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.5 39.7
 39 46.4 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 51.615 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 194223

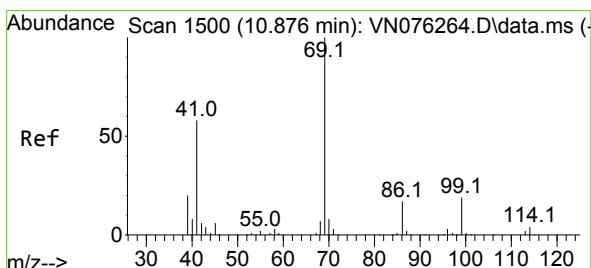
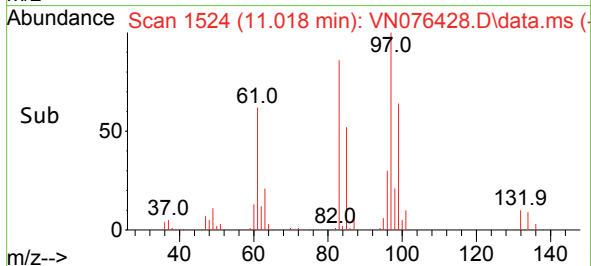
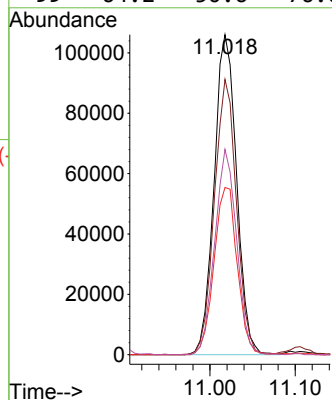
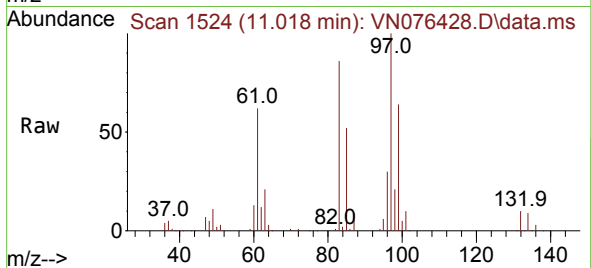
Ion Ratio Lower Upper

97 100

83 86.0 67.8 101.6

85 52.2 42.3 63.5

99 64.2 50.6 76.0



#56

Ethyl methacrylate

Concen: 55.917 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

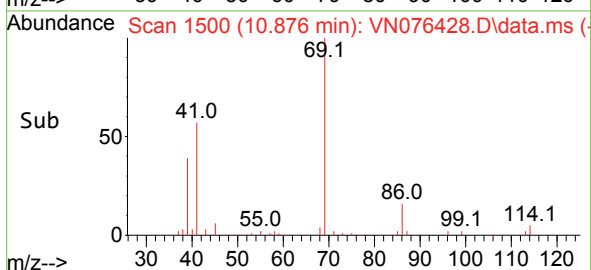
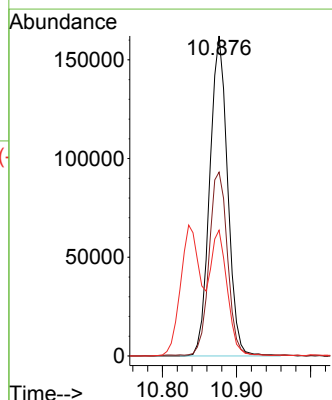
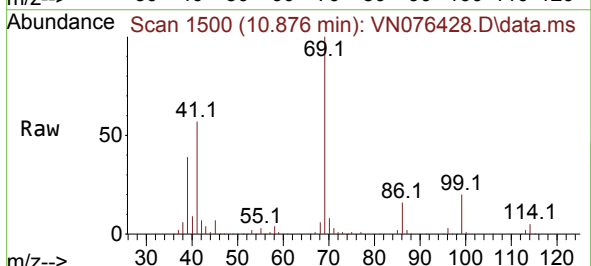
Tgt Ion: 69 Resp: 271647

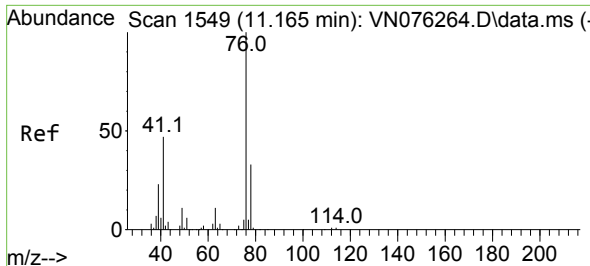
Ion Ratio Lower Upper

69 100

41 58.7 45.3 67.9

39 35.9 29.3 43.9





#57

1,3-Dichloropropane

Concen: 52.634 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

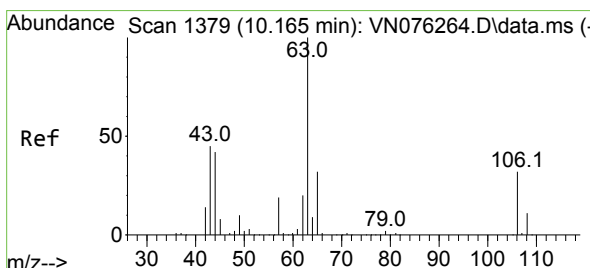
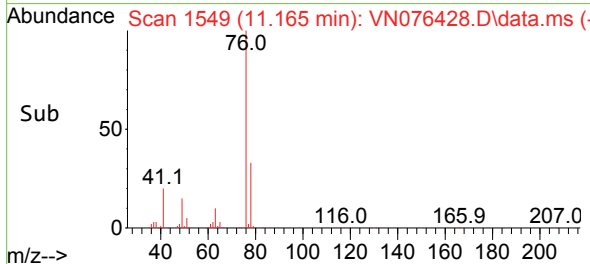
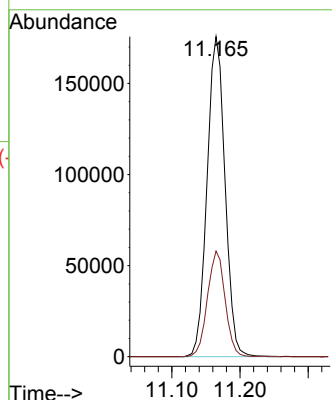
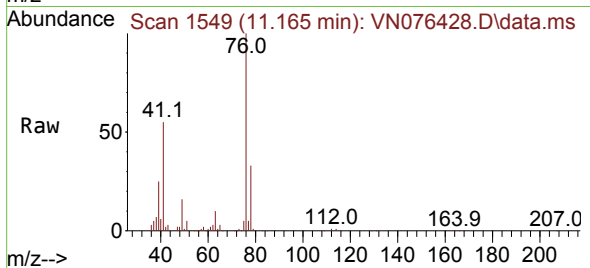
VSTDCCC050

Tgt Ion: 76 Resp: 321861

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 251.701 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076428.D

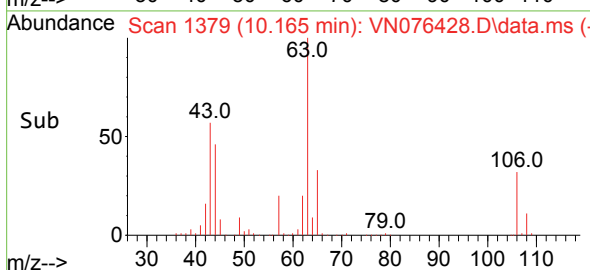
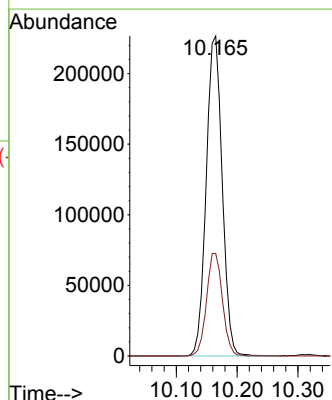
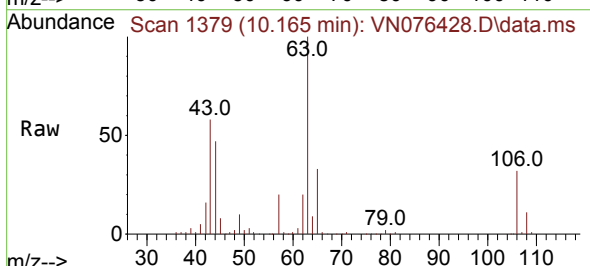
Acq: 27 Jan 2023 09:44

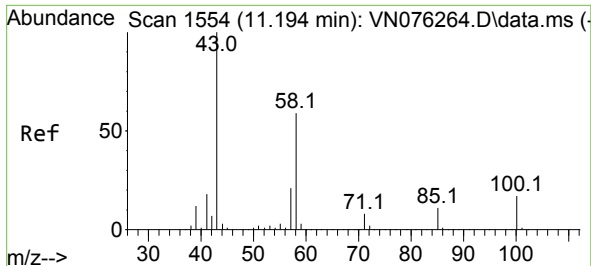
Tgt Ion: 63 Resp: 412796

Ion Ratio Lower Upper

63 100

106 32.0 26.2 39.2

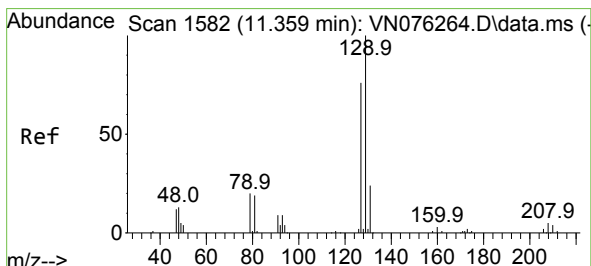
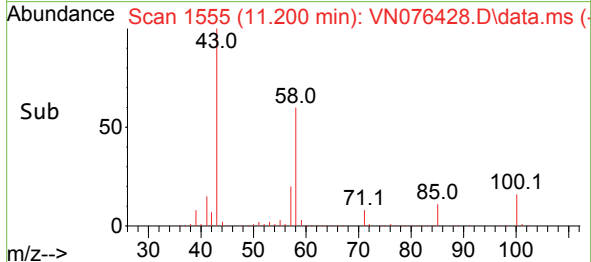
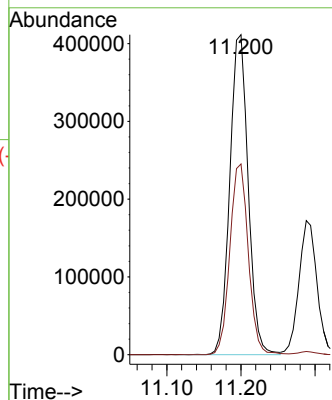
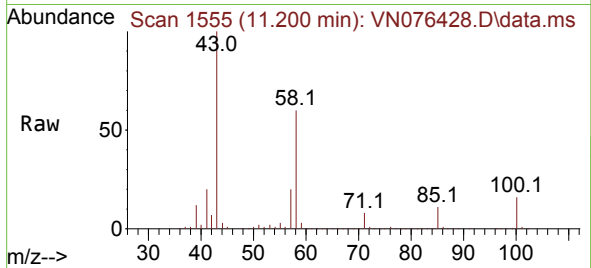




#59
2-Hexanone
Concen: 259.126 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

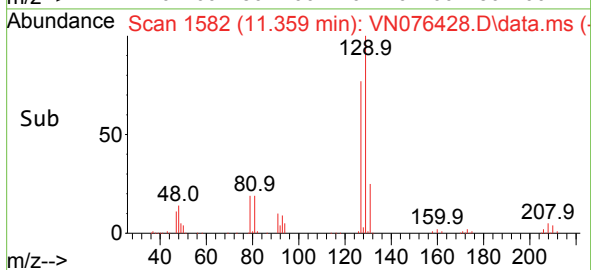
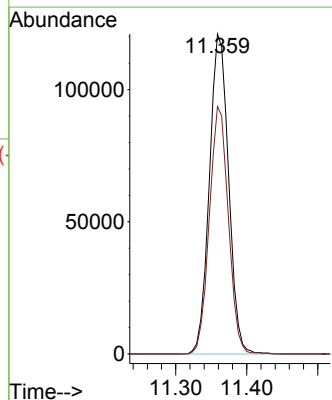
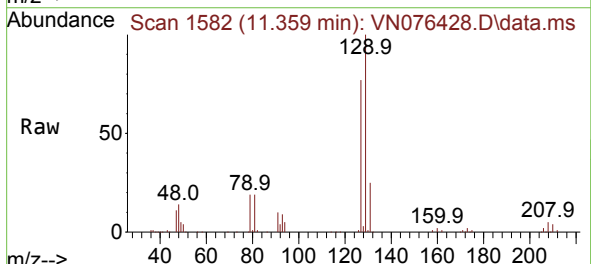
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

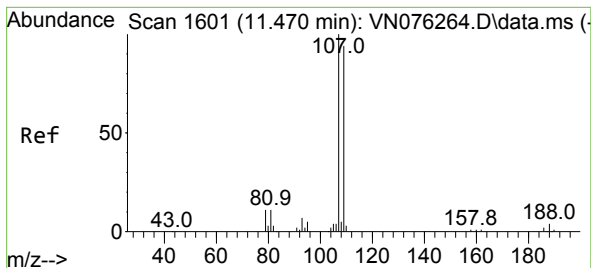
Tgt Ion: 43 Resp: 708128
Ion Ratio Lower Upper
43 100
58 59.9 30.1 90.3



#60
Dibromochloromethane
Concen: 57.219 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion:129 Resp: 226652
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 51.793 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

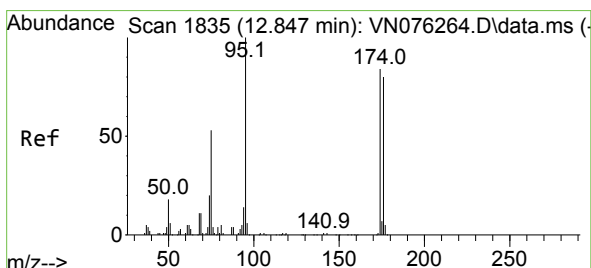
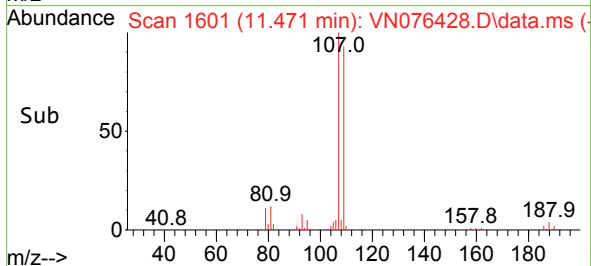
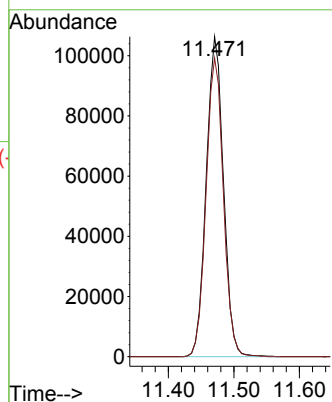
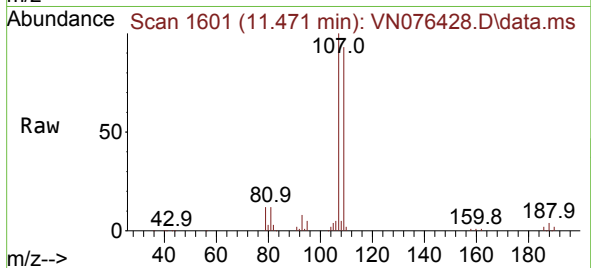
VSTDCCC050

Tgt Ion:107 Resp: 194533

Ion Ratio Lower Upper

107 100

109 93.7 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 54.636 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

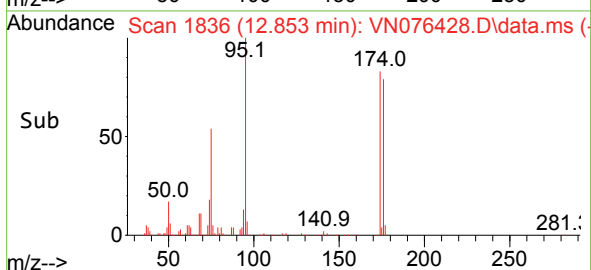
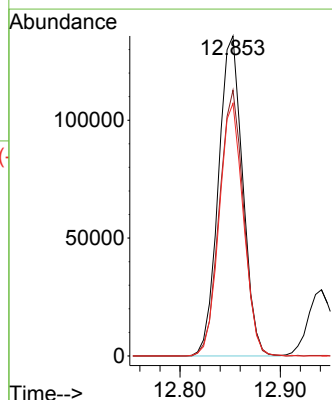
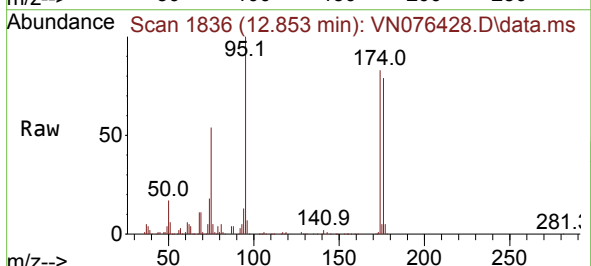
Tgt Ion: 95 Resp: 228217

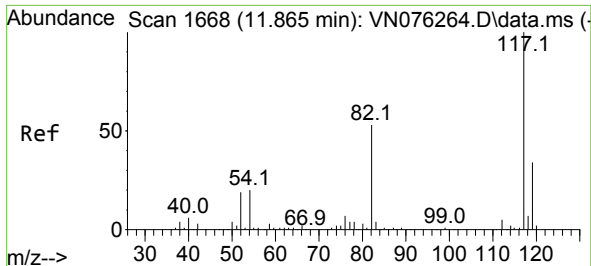
Ion Ratio Lower Upper

95 100

174 82.5 0.0 174.6

176 78.8 0.0 167.8

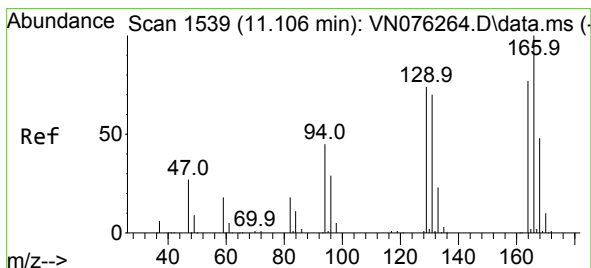
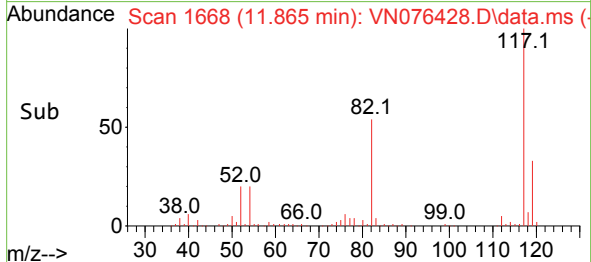
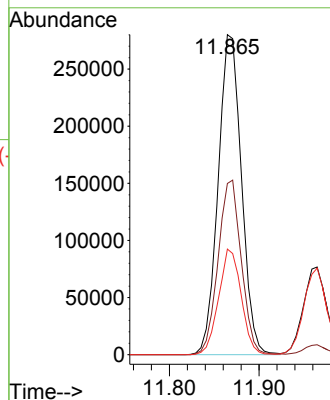
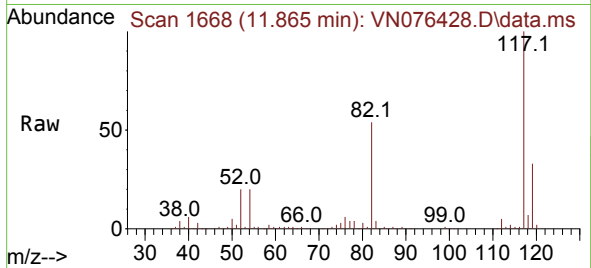




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

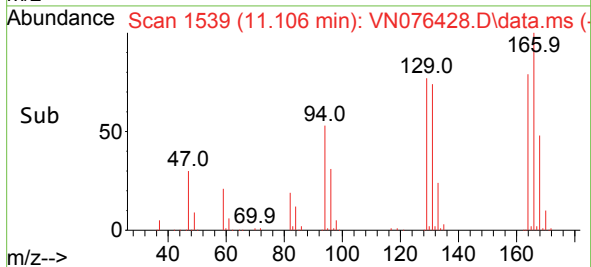
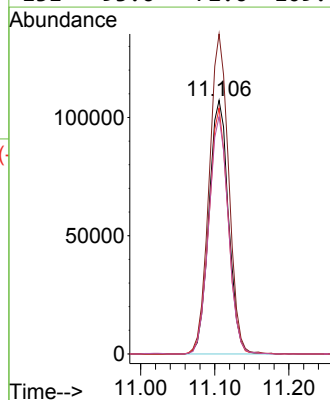
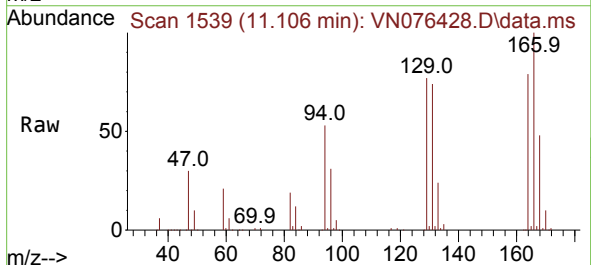
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

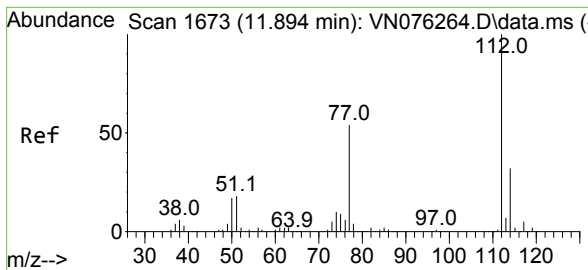
Tgt Ion:117 Resp: 505858
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.2
119 33.0 26.9 40.3



#64
Tetrachloroethene
Concen: 43.067 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion:164 Resp: 196468
Ion Ratio Lower Upper
164 100
166 126.2 104.0 156.0
129 97.0 76.6 114.8
131 93.6 72.6 109.0

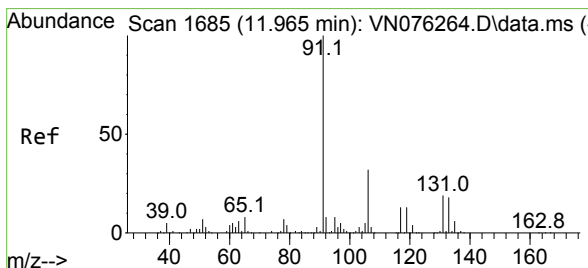
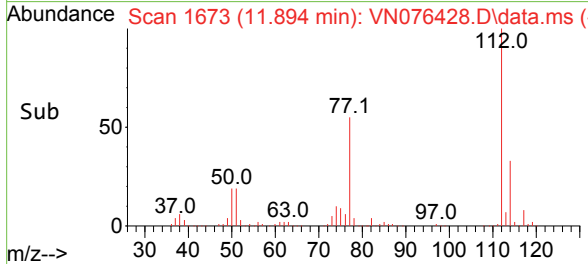
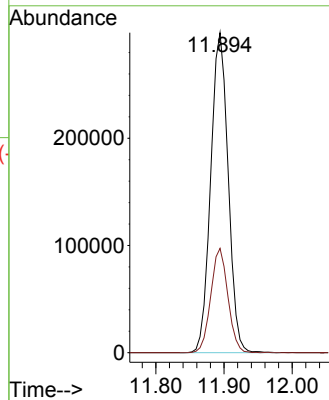
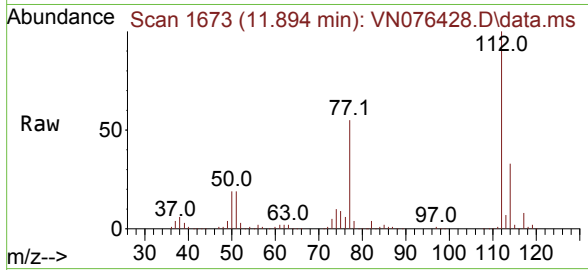




#65
Chlorobenzene
Concen: 49.786 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

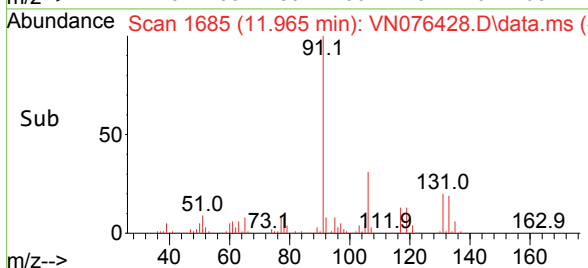
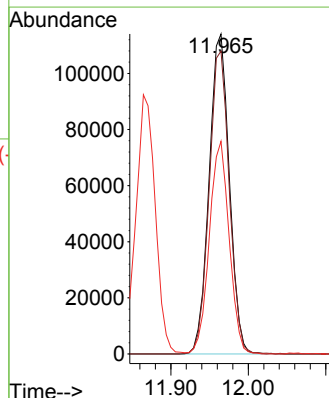
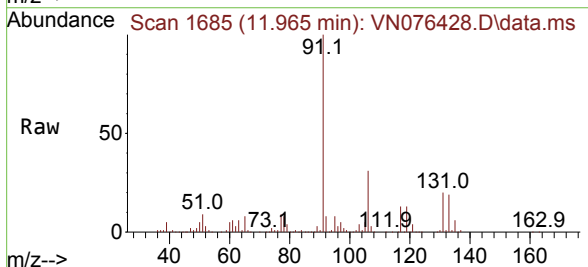
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

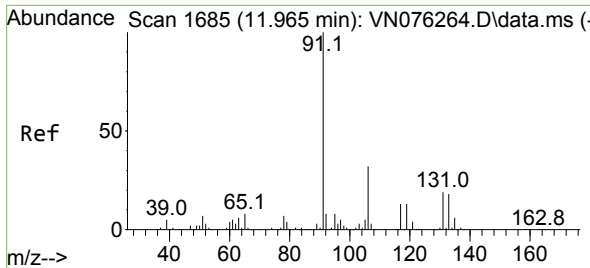
Tgt Ion:112 Resp: 532376
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.909 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion:131 Resp: 206521
Ion Ratio Lower Upper
131 100
133 94.4 47.4 142.2
119 65.3 32.3 96.8

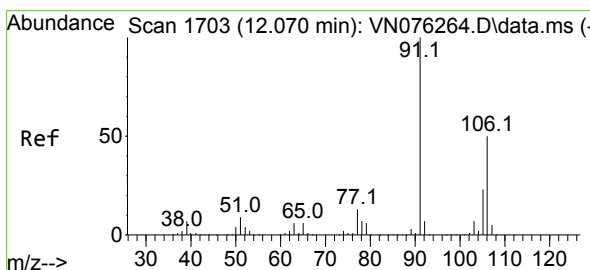
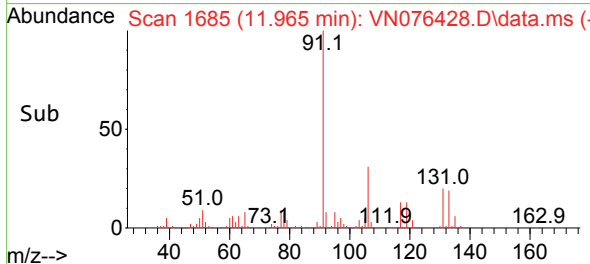
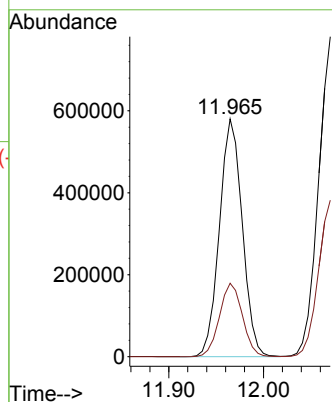
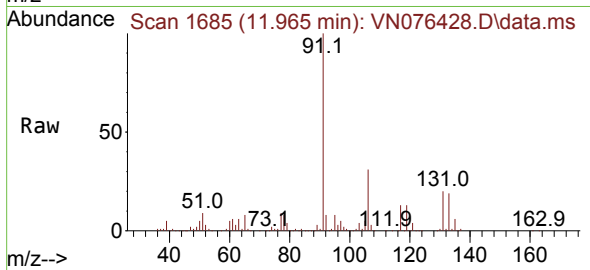




#67
Ethyl Benzene
Concen: 53.153 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

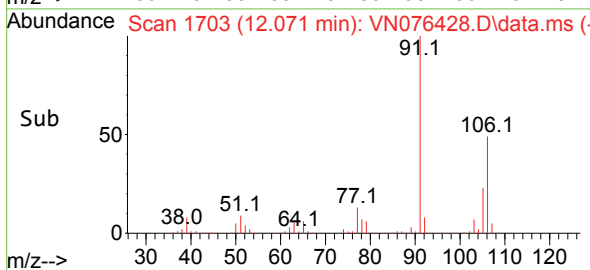
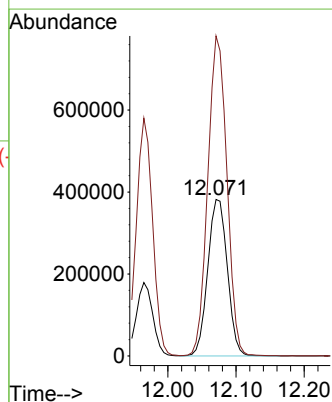
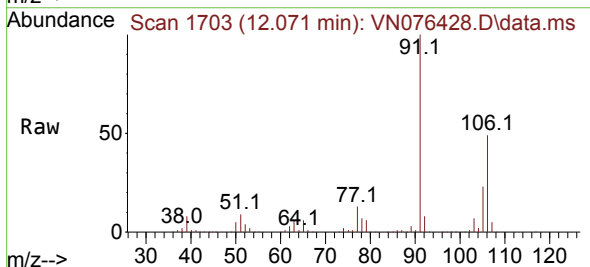
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

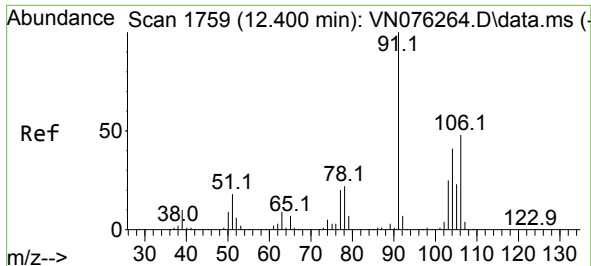
Tgt Ion: 91 Resp: 972755
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3



#68
m/p-Xylenes
Concen: 103.853 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion:106 Resp: 762126
Ion Ratio Lower Upper
106 100
91 199.8 157.5 236.3

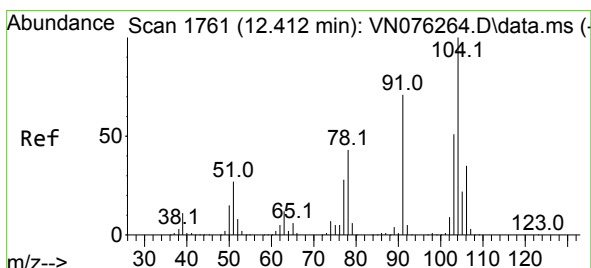
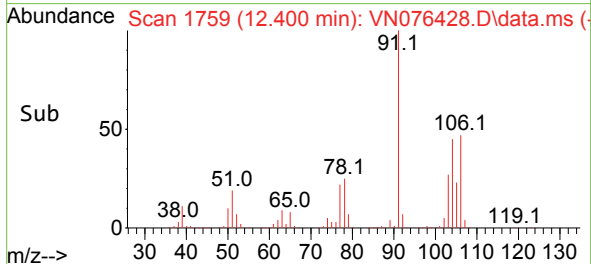
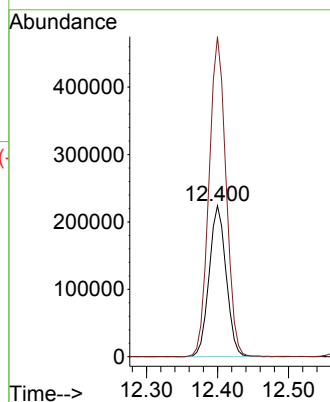
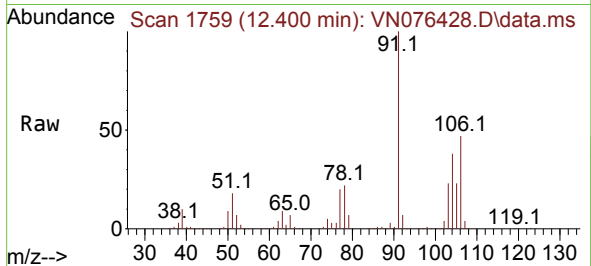




#69
o-Xylene
Concen: 51.630 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

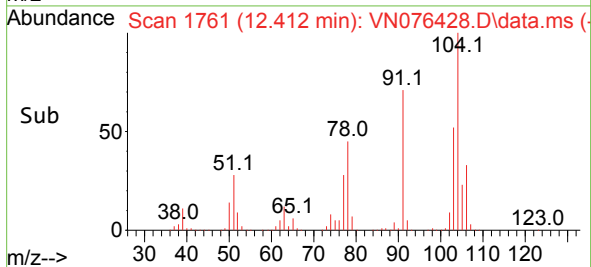
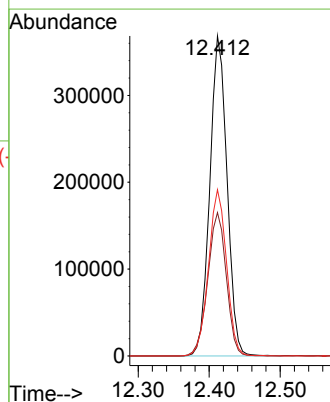
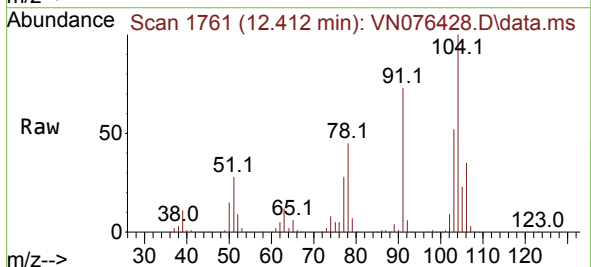
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

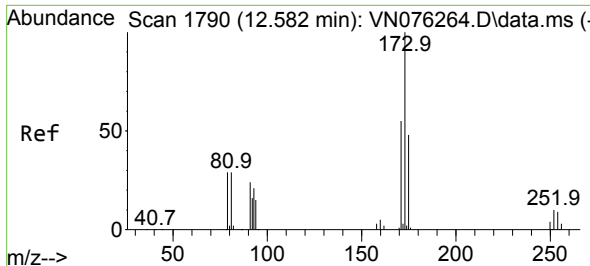
Tgt Ion:106 Resp: 372083
Ion Ratio Lower Upper
106 100
91 212.9 103.2 309.4



#70
Styrene
Concen: 53.999 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion:104 Resp: 621360
Ion Ratio Lower Upper
104 100
78 48.1 37.4 56.0
103 54.6 44.2 66.2

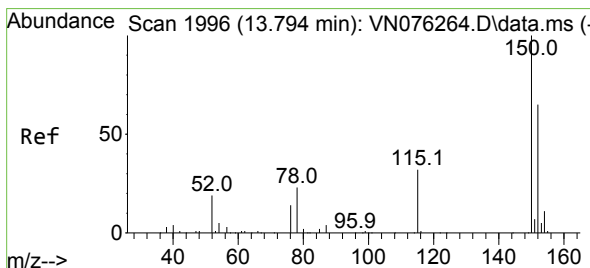
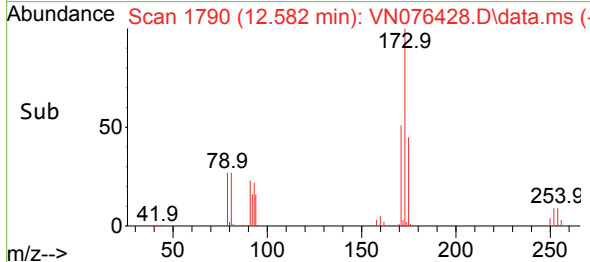
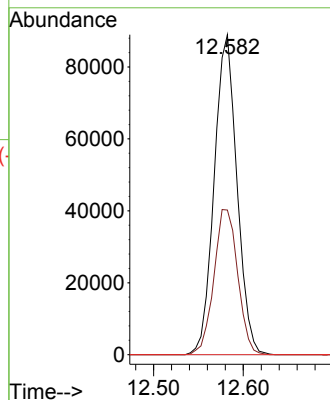
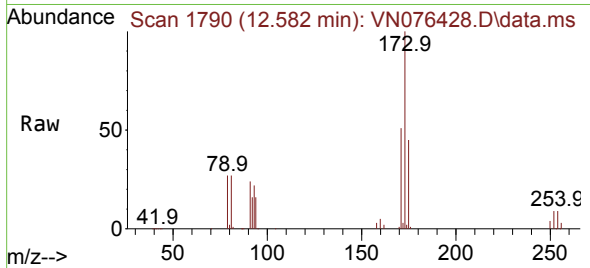




#71
Bromoform
Concen: 54.558 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

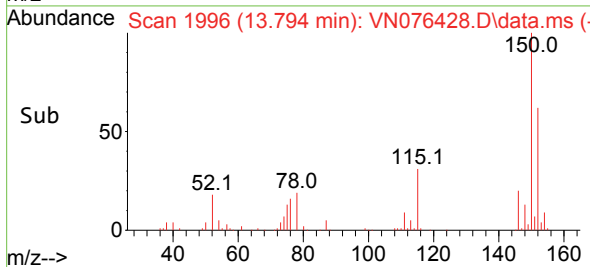
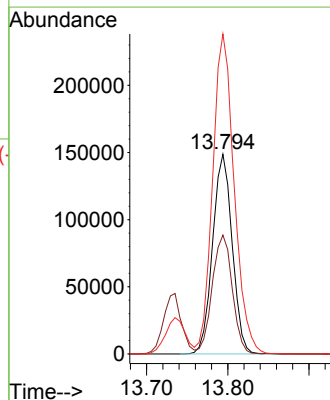
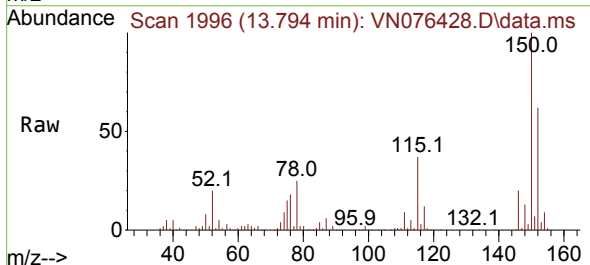
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

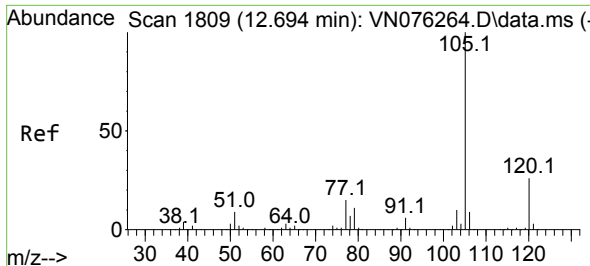
Tgt Ion:173 Resp: 156757
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion:152 Resp: 249386
Ion Ratio Lower Upper
152 100
115 61.1 29.6 88.9
150 175.9 0.0 351.4

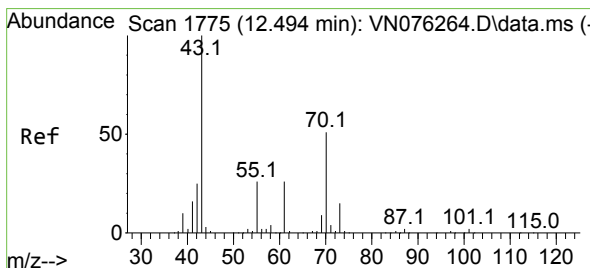
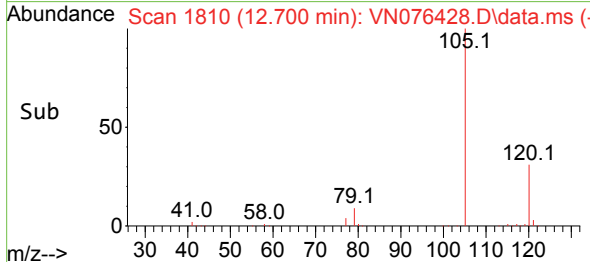
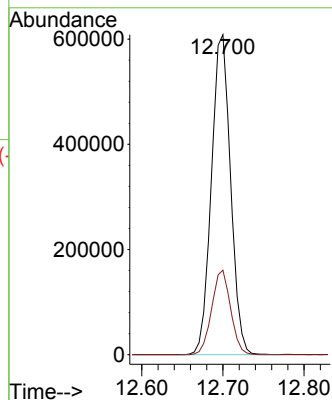
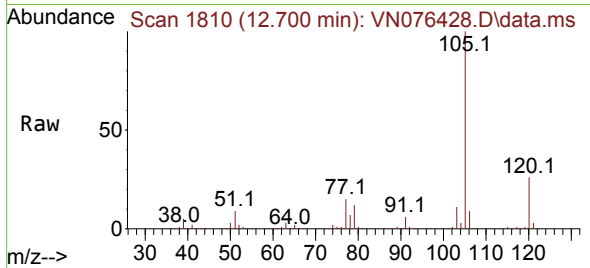




#73
Isopropylbenzene
Concen: 51.693 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

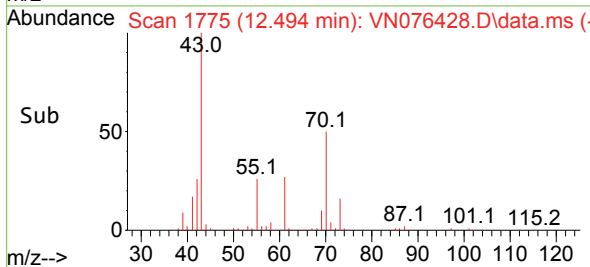
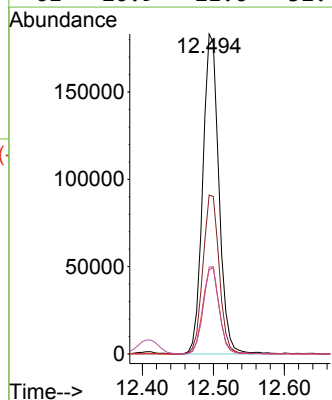
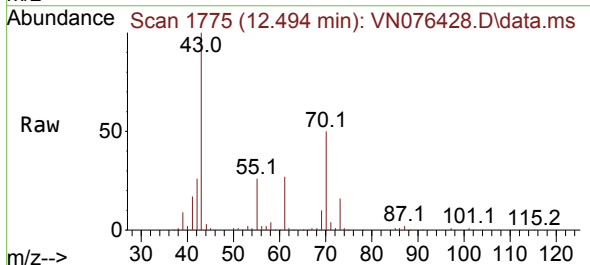
Instrument :
MSVOA_N
ClientSampleId :
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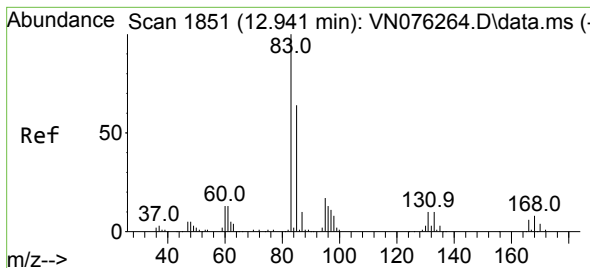
Tgt Ion:105 Resp: 997293
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1



#74
N-ethyl acetate
Concen: 52.364 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 43 Resp: 290594
Ion Ratio Lower Upper
43 100
70 50.3 41.2 61.8
55 27.7 21.0 31.6
61 26.9 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.587 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

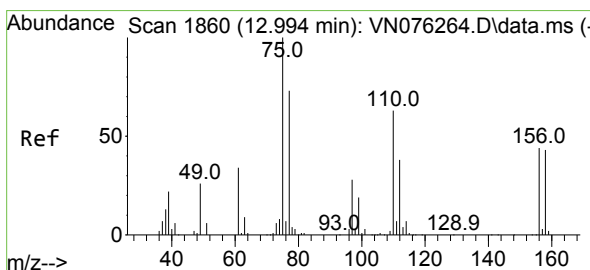
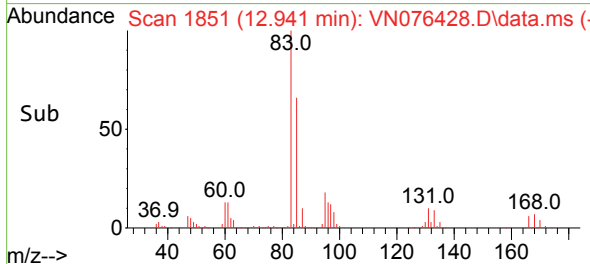
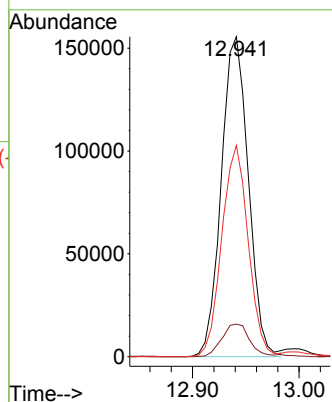
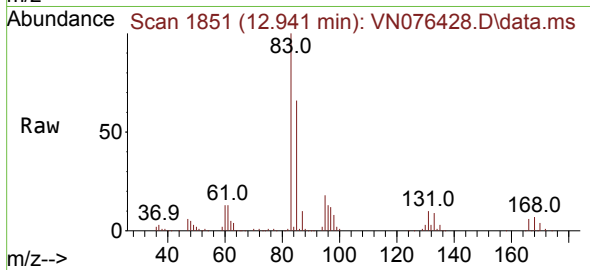
Tgt Ion: 83 Resp: 275013

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

85 64.3 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 73.504 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076428.D

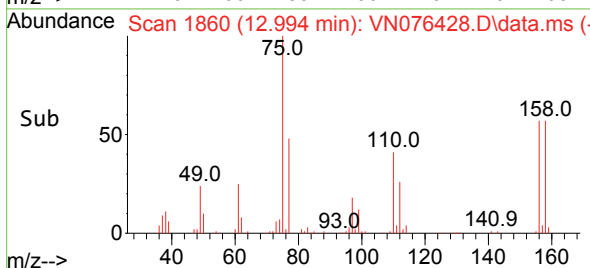
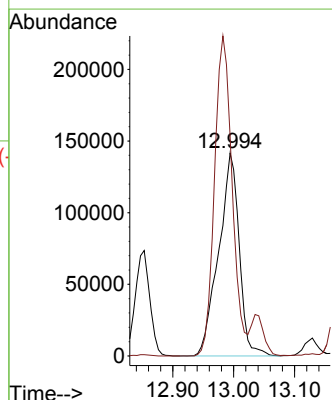
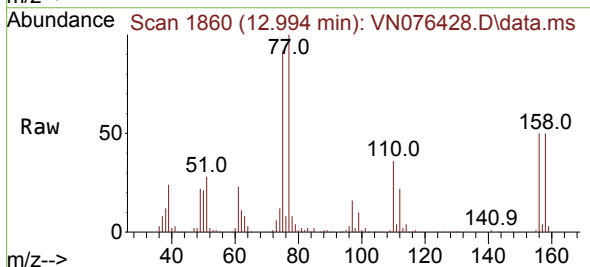
Acq: 27 Jan 2023 09:44

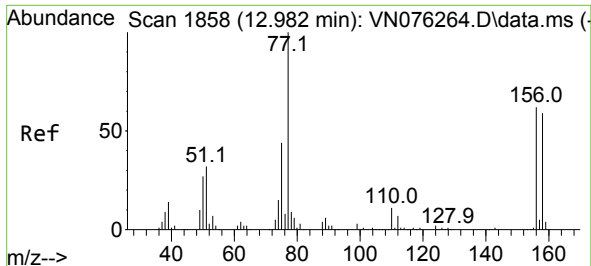
Tgt Ion: 75 Resp: 331918

Ion Ratio Lower Upper

75 100

77 135.7 75.2 225.6

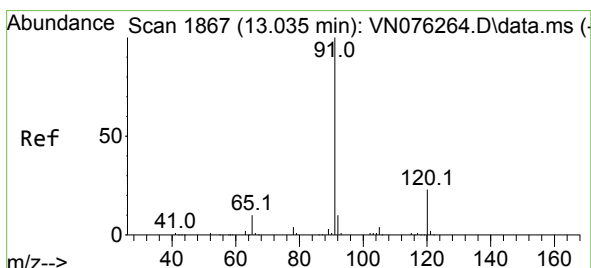
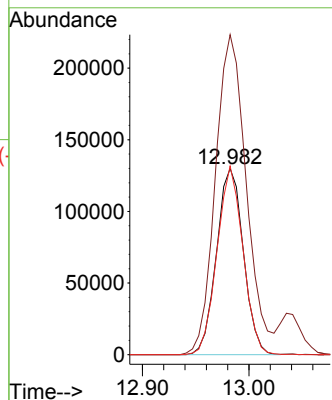
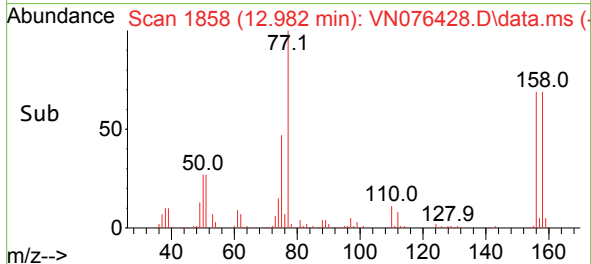
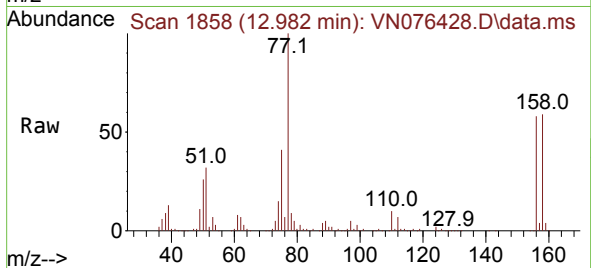




#77
Bromobenzene
Concen: 50.338 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

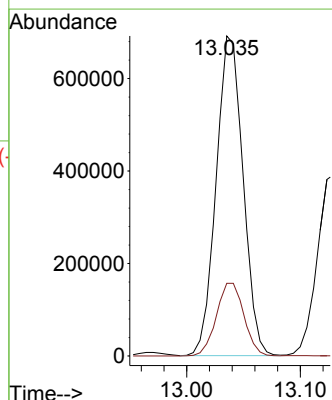
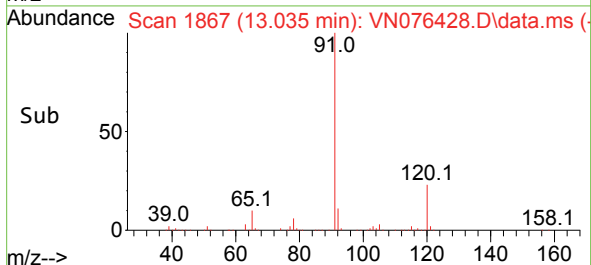
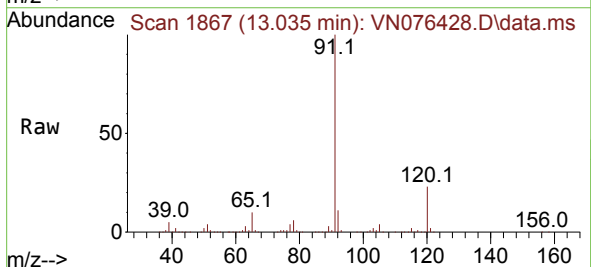
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

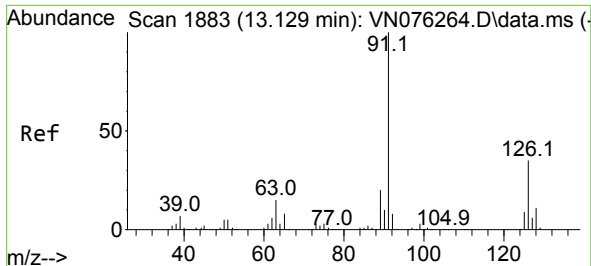
Tgt Ion:156 Resp: 227031
Ion Ratio Lower Upper
156 100
77 198.3 93.4 280.2
158 97.8 48.4 145.2



#78
n-propylbenzene
Concen: 52.323 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 91 Resp: 1138998
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5

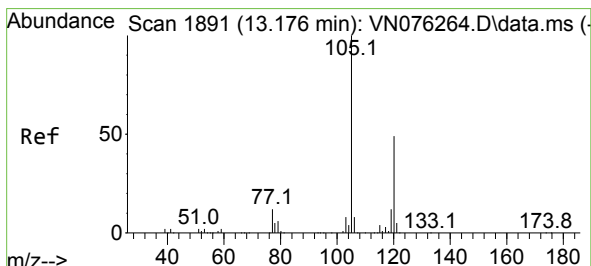
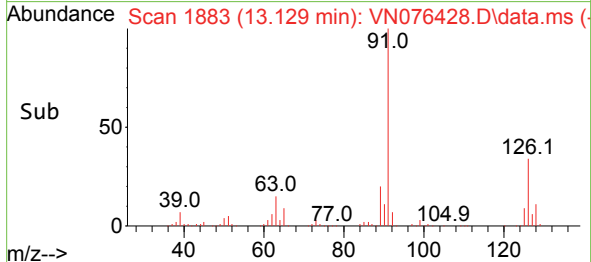
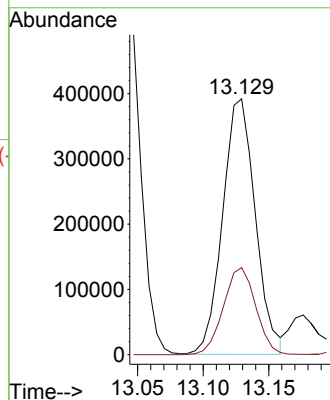
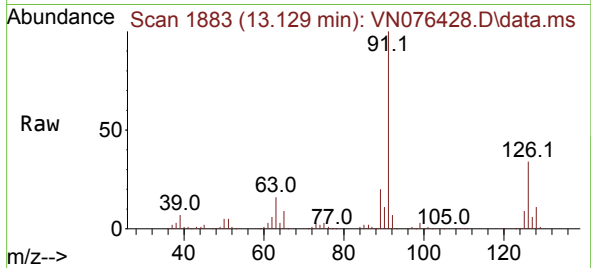




#79
2-Chlorotoluene
Concen: 50.849 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

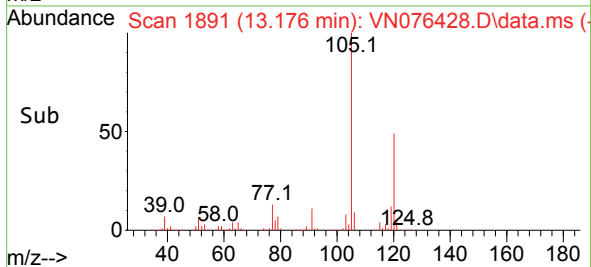
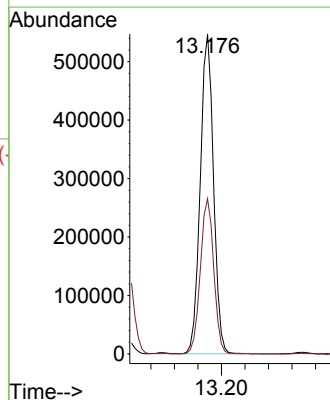
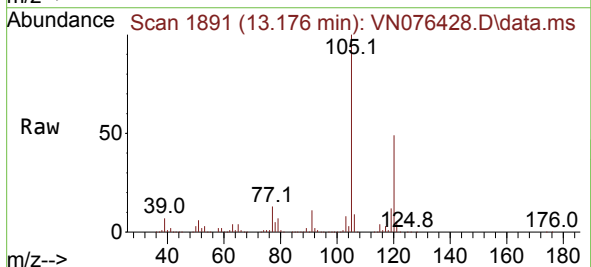
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

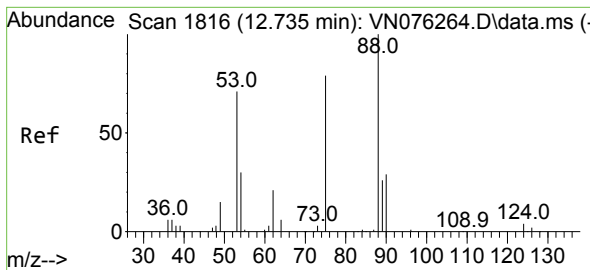
Tgt Ion: 91 Resp: 679236
Ion Ratio Lower Upper
91 100
126 33.7 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 52.883 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 105 Resp: 854724
Ion Ratio Lower Upper
105 100
120 49.2 25.0 75.0

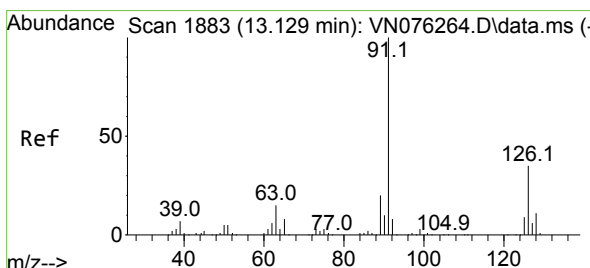
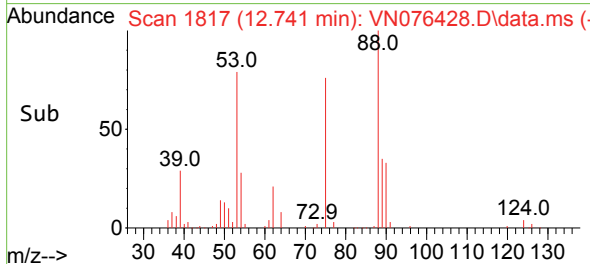
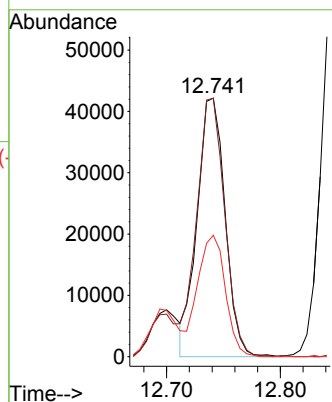
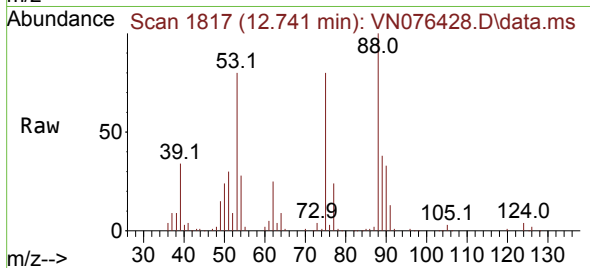




#81
trans-1,4-Dichloro-2-butene
Concen: 48.072 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

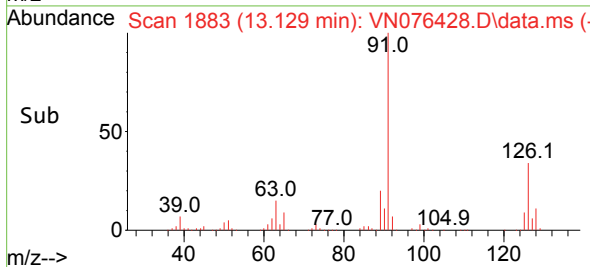
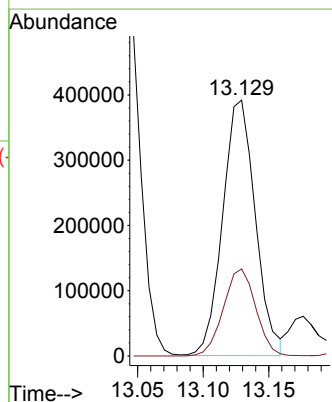
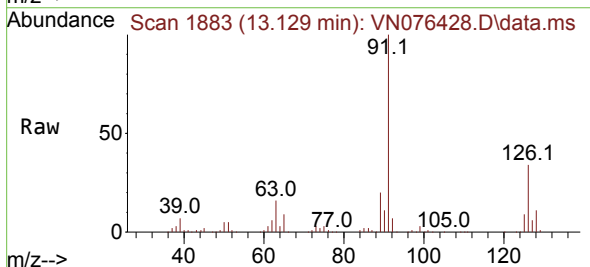
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

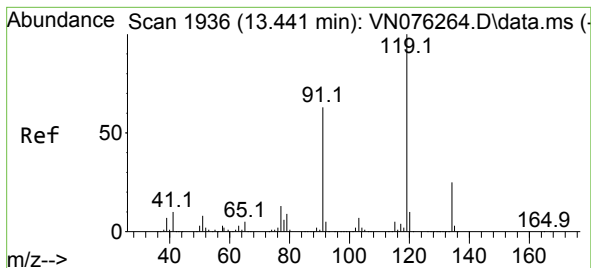
Tgt Ion: 75 Resp: 72053
Ion Ratio Lower Upper
75 100
53 102.9 75.8 113.8
89 45.8 37.0 55.6



#82
4-Chlorotoluene
Concen: 50.849 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 91 Resp: 679236
Ion Ratio Lower Upper
91 100
126 33.7 17.4 52.2





#83

tert-Butylbenzene

Concen: 51.271 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

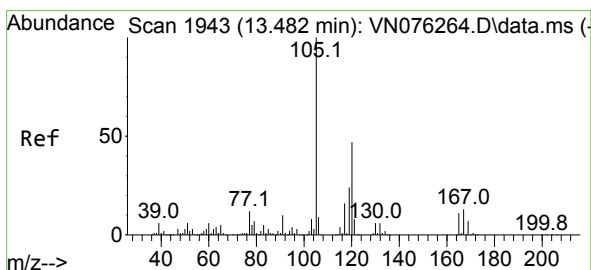
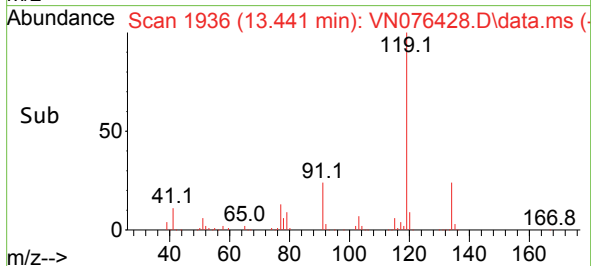
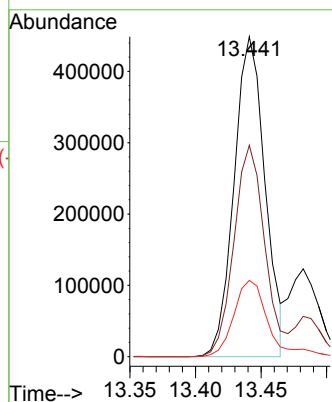
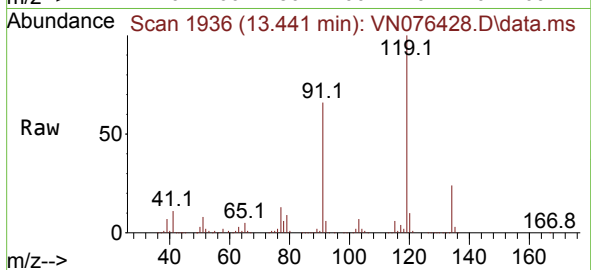
Tgt Ion:119 Resp: 737029

Ion Ratio Lower Upper

119 100

91 66.3 32.2 96.6

134 26.5 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 52.780 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076428.D

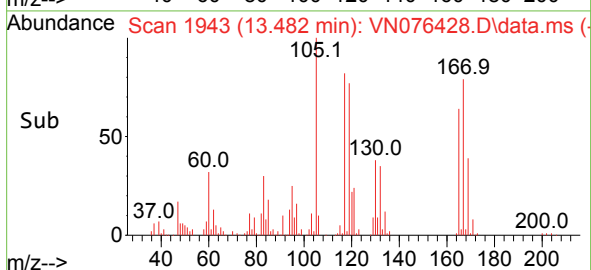
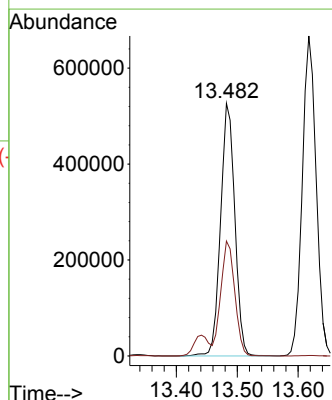
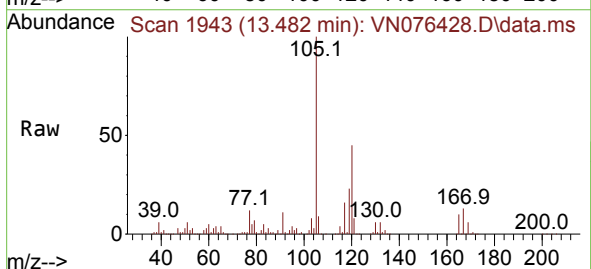
Acq: 27 Jan 2023 09:44

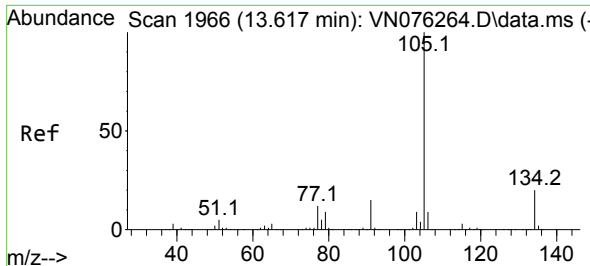
Tgt Ion:105 Resp: 855393

Ion Ratio Lower Upper

105 100

120 44.6 22.9 68.5

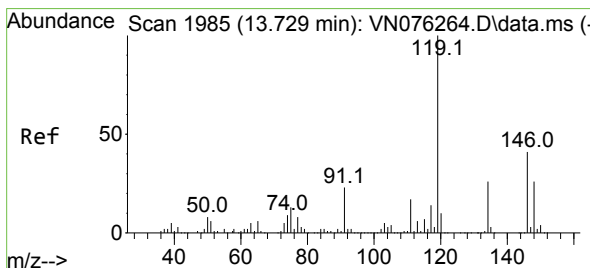
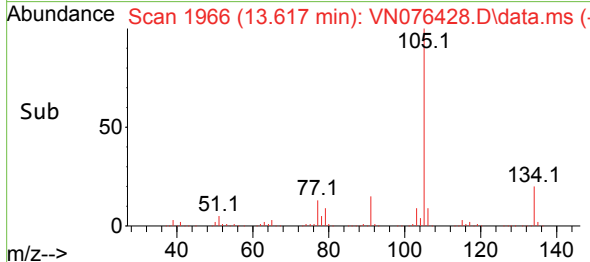
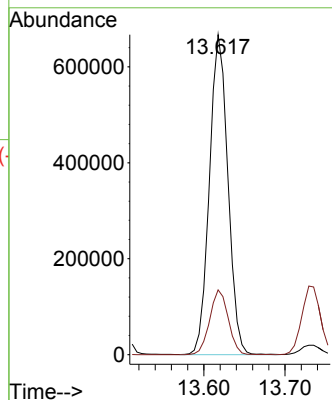
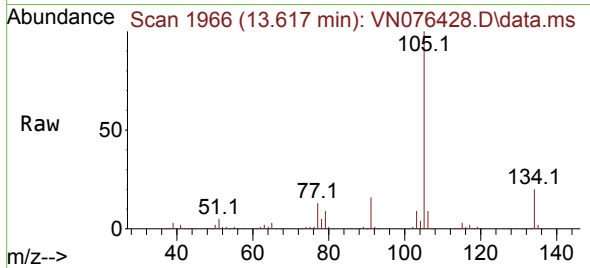




#85
 sec-Butylbenzene
 Concen: 52.766 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076428.D
 Acq: 27 Jan 2023 09:44

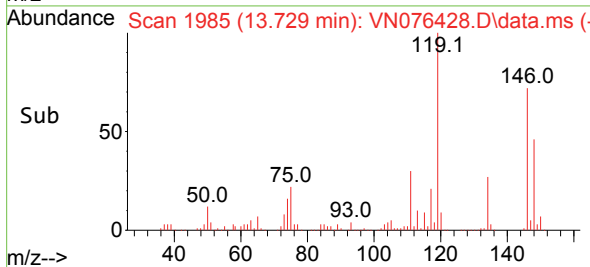
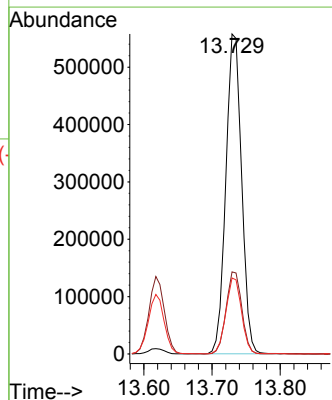
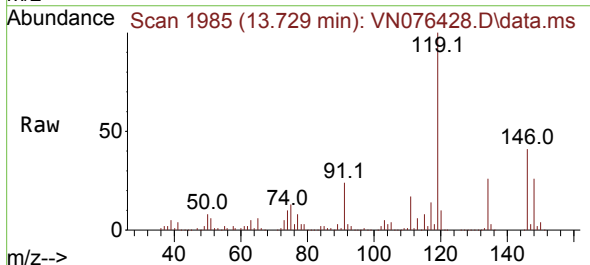
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

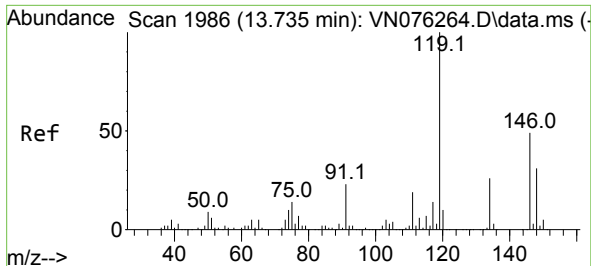
Tgt Ion:105 Resp: 1052519
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 54.631 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076428.D
 Acq: 27 Jan 2023 09:44

Tgt Ion:119 Resp: 896080
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.6
 91 23.5 11.8 35.3

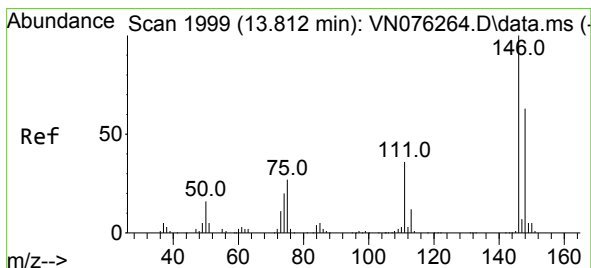
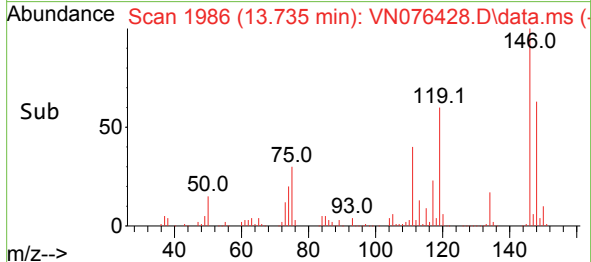
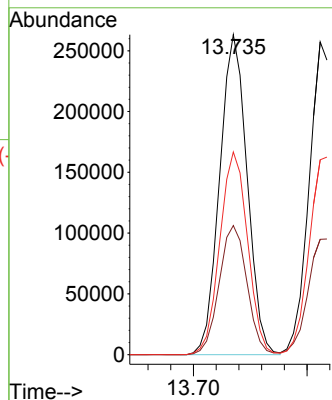
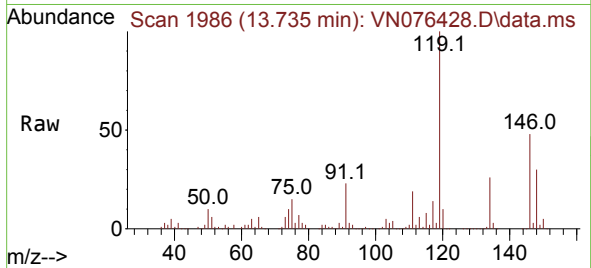




#87
1,3-Dichlorobenzene
Concen: 48.704 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

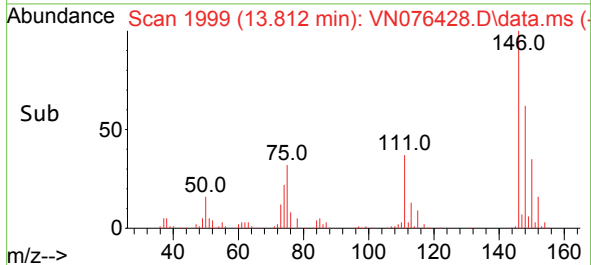
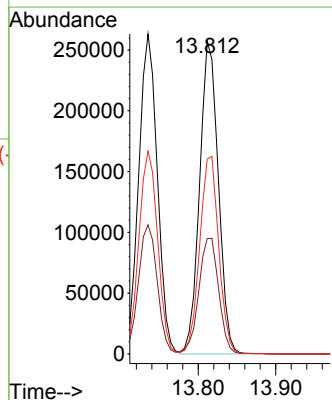
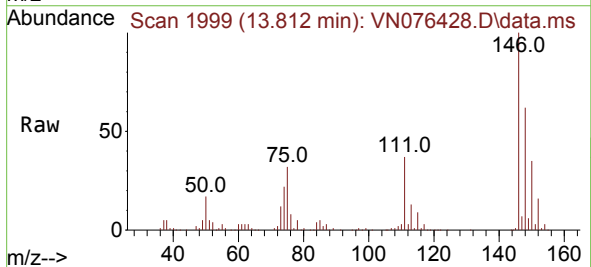
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

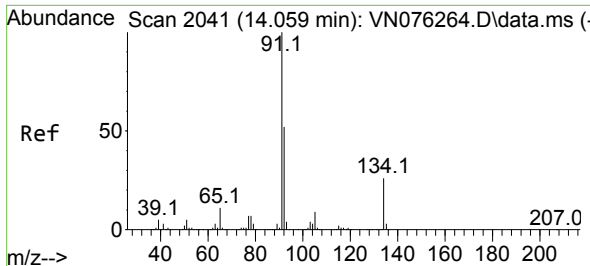
Tgt Ion:146 Resp: 442878
Ion Ratio Lower Upper
146 100
111 40.7 19.9 59.7
148 64.0 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 49.884 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion:146 Resp: 431501
Ion Ratio Lower Upper
146 100
111 39.6 19.1 57.5
148 64.4 31.9 95.9

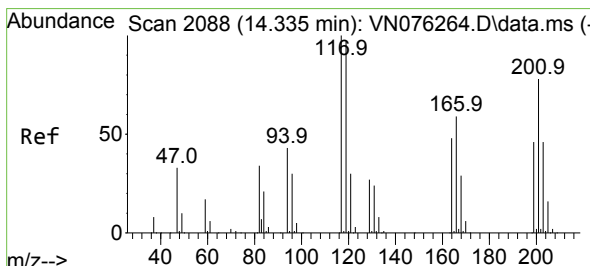
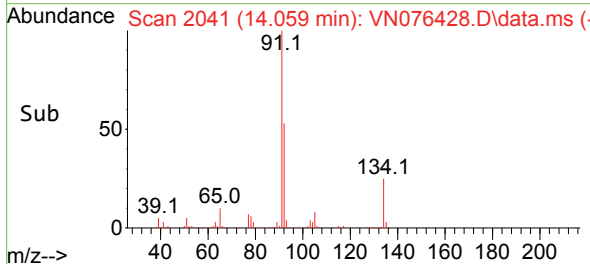
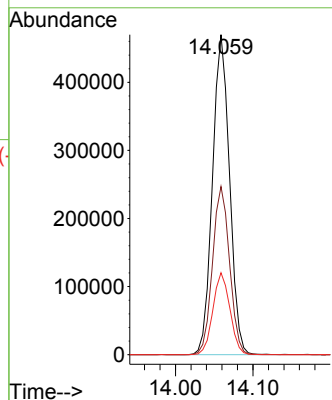
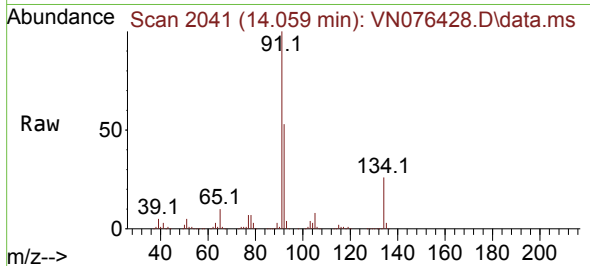




#89
n-Butylbenzene
Concen: 55.158 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

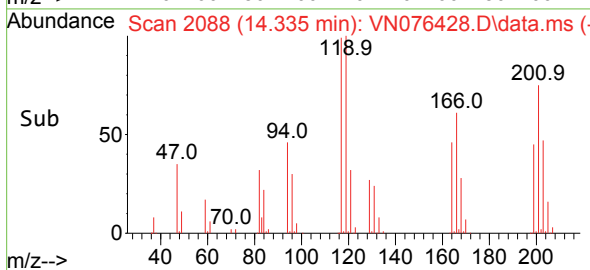
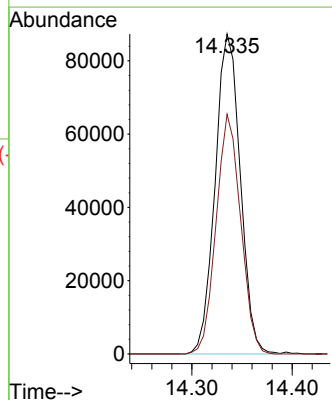
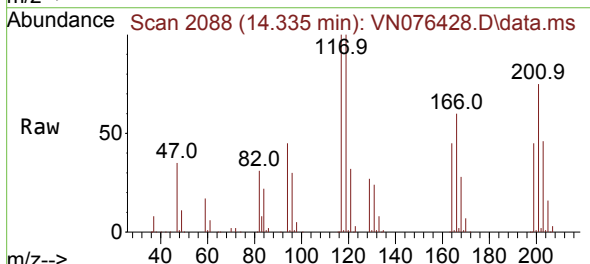
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

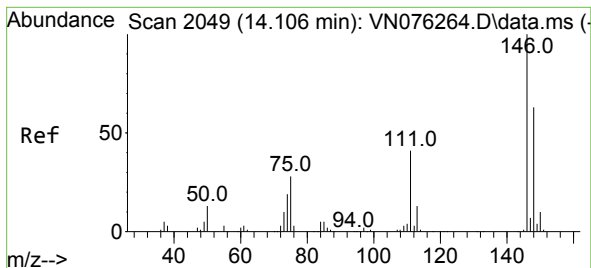
Tgt Ion: 91 Resp: 718193
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 25.5 13.2 39.5



#90
Hexachloroethane
Concen: 53.743 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion: 117 Resp: 152142
Ion Ratio Lower Upper
117 100
201 72.9 37.3 111.9





#91

1,2-Dichlorobenzene

Concen: 48.590 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

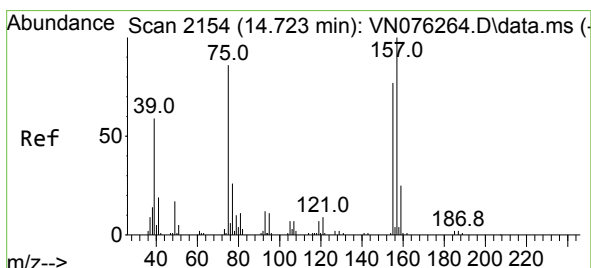
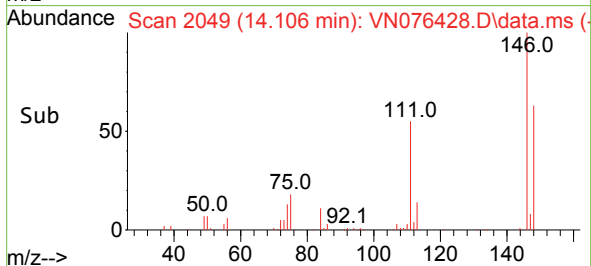
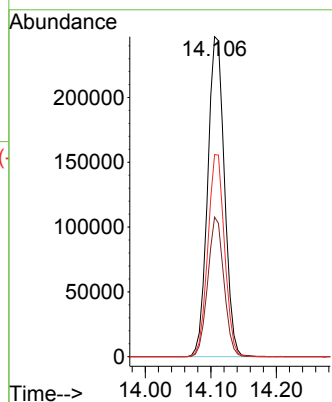
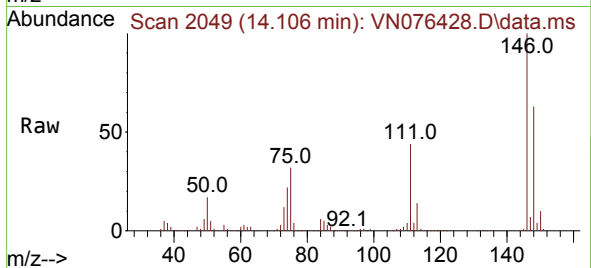
Tgt Ion:146 Resp: 440072

Ion Ratio Lower Upper

146 100

111 41.9 20.3 60.8

148 62.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.565 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

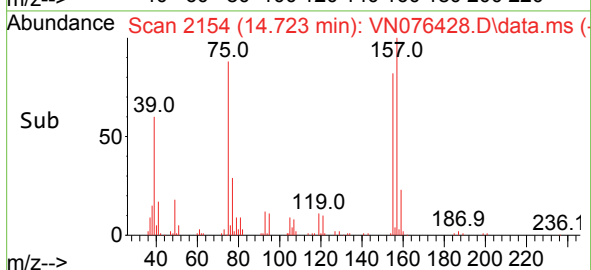
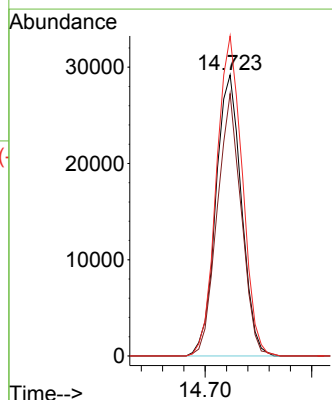
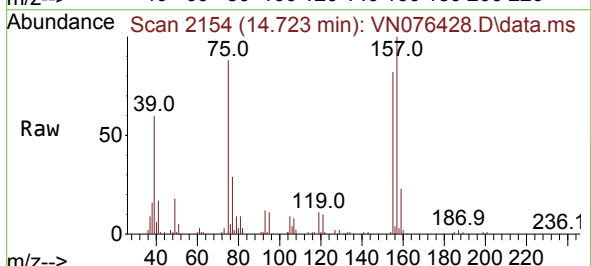
Tgt Ion: 75 Resp: 48748

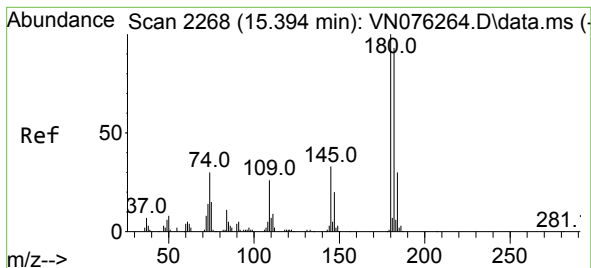
Ion Ratio Lower Upper

75 100

155 87.7 45.0 135.0

157 114.4 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 47.550 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

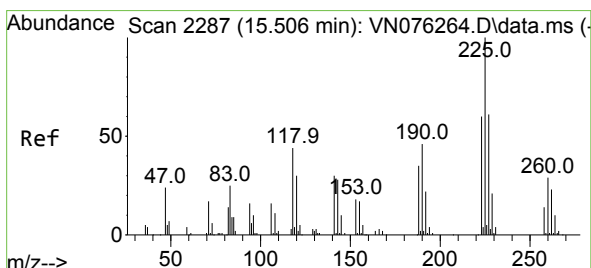
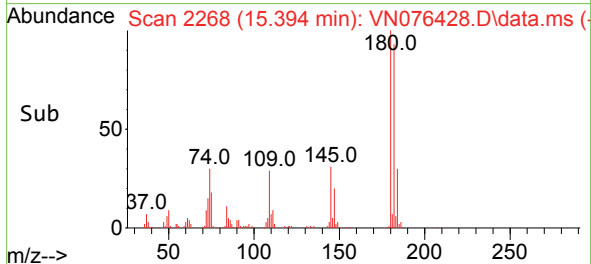
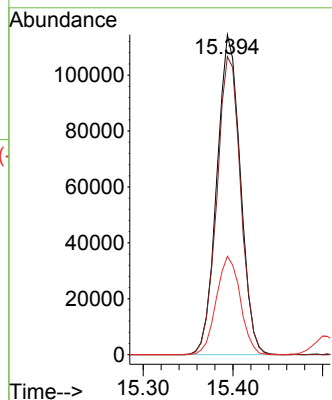
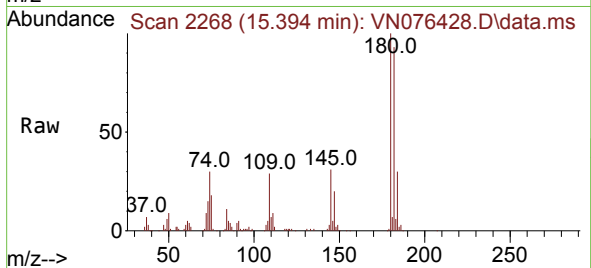
Tgt Ion:180 Resp: 207803

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 31.4 15.2 45.5



#94

Hexachlorobutadiene

Concen: 45.797 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076428.D

Acq: 27 Jan 2023 09:44

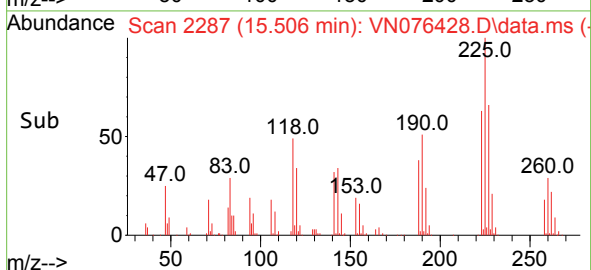
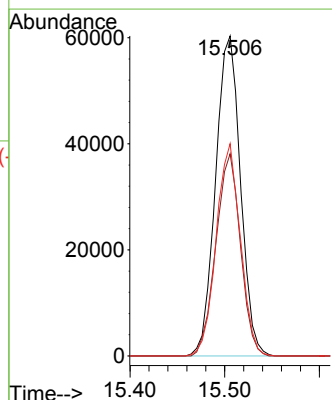
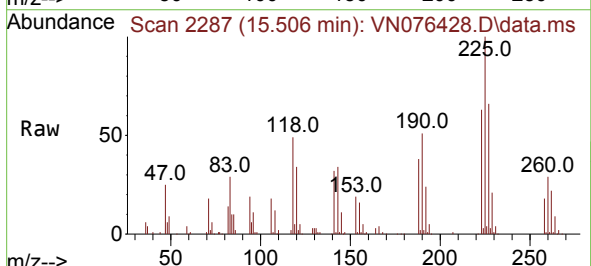
Tgt Ion:225 Resp: 110068

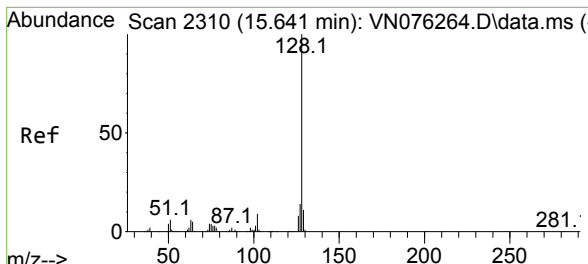
Ion Ratio Lower Upper

225 100

223 62.2 30.8 92.3

227 64.5 30.9 92.8

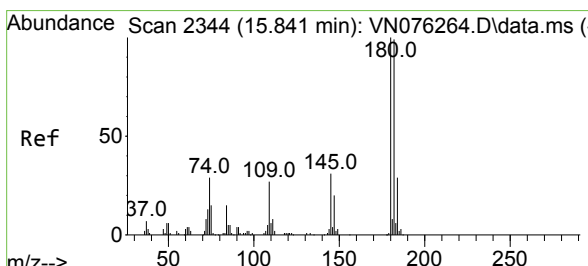
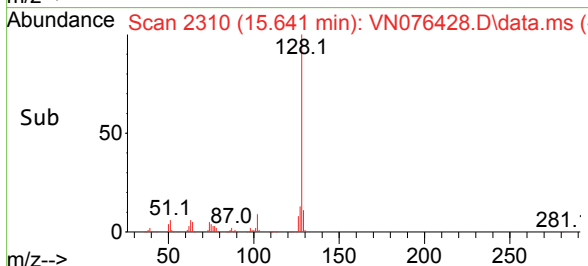
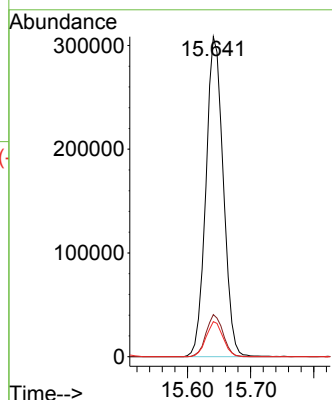
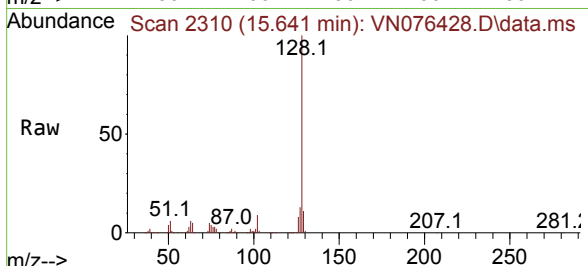




#95
Naphthalene
Concen: 45.593 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 588598
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.998 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076428.D
Acq: 27 Jan 2023 09:44

Tgt Ion:180 Resp: 200021
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 32.6 15.9 47.6

