

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
 Data File : VN076827.D
 Acq On : 28 Feb 2023 14:58
 Operator : JC\MD
 Sample : VN0228WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD01

Quant Time: Mar 01 01:27:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	241367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	432224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	397369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	196877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	193163	57.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.920%
35) Dibromofluoromethane	8.172	113	143724	50.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.560%
50) Toluene-d8	10.566	98	561091	53.079	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.854	95	192548	54.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	49891	19.467	ug/l	91
3) Chloromethane	2.378	50	58592	17.523	ug/l	97
4) Vinyl Chloride	2.531	62	60512	18.388	ug/l	91
5) Bromomethane	2.966	94	40916	20.519	ug/l	90
6) Chloroethane	3.131	64	45251	21.758	ug/l	94
7) Trichlorofluoromethane	3.513	101	87045	19.440	ug/l	98
8) Diethyl Ether	3.966	74	39119	22.673	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.378	101	54013	20.530	ug/l	98
10) Methyl Iodide	4.596	142	66546	20.482	ug/l	99
11) Tert butyl alcohol	5.525	59	51975	118.142	ug/l	99
12) 1,1-Dichloroethene	4.349	96	48064	19.292	ug/l	93
13) Acrolein	4.196	56	80983	122.613	ug/l	97
14) Allyl chloride	5.037	41	91799	21.266	ug/l	100
15) Acrylonitrile	5.731	53	178699	114.455	ug/l	99
16) Acetone	4.437	43	153156	102.874	ug/l	93
17) Carbon Disulfide	4.725	76	109865	16.702	ug/l	100
18) Methyl Acetate	5.037	43	115106	23.686	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	196335	23.375	ug/l	97
20) Methylene Chloride	5.290	84	65522	20.999	ug/l #	83
21) trans-1,2-Dichloroethene	5.790	96	52334	18.661	ug/l	84
22) Diisopropyl ether	6.684	45	237892	23.496	ug/l #	90
23) Vinyl Acetate	6.613	43	868629	145.000	ug/l	98
24) 1,1-Dichloroethane	6.578	63	119013	21.448	ug/l	98
25) 2-Butanone	7.489	43	240678	109.595	ug/l	97
26) 2,2-Dichloropropane	7.495	77	87233	21.795	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	67545	20.306	ug/l	94
28) Bromochloromethane	7.819	49	59415	22.497	ug/l	88
29) Tetrahydrofuran	7.842	42	167487	116.732	ug/l	98
30) Chloroform	7.978	83	117178	21.135	ug/l	95
31) Cyclohexane	8.266	56	102787	19.660	ug/l #	94
32) 1,1,1-Trichloroethane	8.172	97	97647	20.947	ug/l	95
36) 1,1-Dichloropropene	8.378	75	81289	19.877	ug/l	98
37) Ethyl Acetate	7.566	43	97857	22.742	ug/l	99
38) Carbon Tetrachloride	8.366	117	80080	19.410	ug/l	99
39) Methylcyclohexane	9.607	83	95567	20.558	ug/l	98
40) Benzene	8.607	78	261034	20.784	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	53230	21.354	ug/l	92
42) 1,2-Dichloroethane	8.678	62	98999	22.601	ug/l	98
43) Isopropyl Acetate	8.695	43	166812	23.824	ug/l	98
44) Trichloroethene	9.354	130	60526	20.394	ug/l	98
45) 1,2-Dichloropropane	9.625	63	75332	22.659	ug/l	98
46) Dibromomethane	9.713	93	46874	22.054	ug/l	93
47) Bromodichloromethane	9.889	83	95341	22.374	ug/l #	96
48) Methyl methacrylate	9.683	41	75897	22.843	ug/l	96
49) 1,4-Dioxane	9.695	88	27462	477.820	ug/l #	81
51) 4-Methyl-2-Pentanone	10.448	43	539190	121.034	ug/l	96
52) Toluene	10.630	92	169201	22.315	ug/l	99
53) t-1,3-Dichloropropene	10.842	75	93571	22.750	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	105777	22.296	ug/l	95
55) 1,1,2-Trichloroethane	11.013	97	67851	22.006	ug/l	94
56) Ethyl methacrylate	10.878	69	101284	23.338	ug/l	92
57) 1,3-Dichloropropane	11.166	76	120731	22.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	209627	105.468	ug/l	95
59) 2-Hexanone	11.201	43	379099	118.021	ug/l	99
60) Dibromochloromethane	11.366	129	67477	20.765	ug/l	98
61) 1,2-Dibromoethane	11.472	107	64640	20.945	ug/l	100
64) Tetrachloroethene	11.101	164	48785	19.481	ug/l	94
65) Chlorobenzene	11.895	112	174130	20.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	65996	21.575	ug/l	97
67) Ethyl Benzene	11.966	91	322518	22.480	ug/l	96
68) m/p-Xylenes	12.077	106	243684	44.064	ug/l	96
69) o-Xylene	12.401	106	123619	22.920	ug/l	95
70) Styrene	12.413	104	197018	22.589	ug/l	99
71) Bromoform	12.577	173	47450	21.148	ug/l #	93
73) Isopropylbenzene	12.695	105	313891	21.752	ug/l	96
74) N-amyl acetate	12.495	43	138209	21.249	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	108954	20.859	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	126393	31.755	ug/l	57
77) Bromobenzene	12.983	156	71465	19.850	ug/l	93
78) n-propylbenzene	13.036	91	380063	22.429	ug/l	97
79) 2-Chlorotoluene	13.130	91	223489	21.541	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	269019	22.558	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.742	75	31490	23.043	ug/l	85
82) 4-Chlorotoluene	13.130	91	223489	21.541	ug/l	98
83) tert-Butylbenzene	13.442	119	233478	21.641	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	267213	22.482	ug/l	100
85) sec-Butylbenzene	13.618	105	332823	22.096	ug/l	98
86) p-Isopropyltoluene	13.730	119	265557	22.079	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	138209	20.308	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	135082	19.931	ug/l	98
89) n-Butylbenzene	14.060	91	228931	21.884	ug/l	97
90) Hexachloroethane	14.336	117	48818	19.384	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	141166	20.233	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	18586	18.366	ug/l	91
93) 1,2,4-Trichlorobenzene	15.395	180	65020	18.682	ug/l	98
94) Hexachlorobutadiene	15.507	225	29845	17.496	ug/l	93
95) Naphthalene	15.642	128	208255	19.719	ug/l	99
96) 1,2,3-Trichlorobenzene	15.836	180	68734	20.385	ug/l	97

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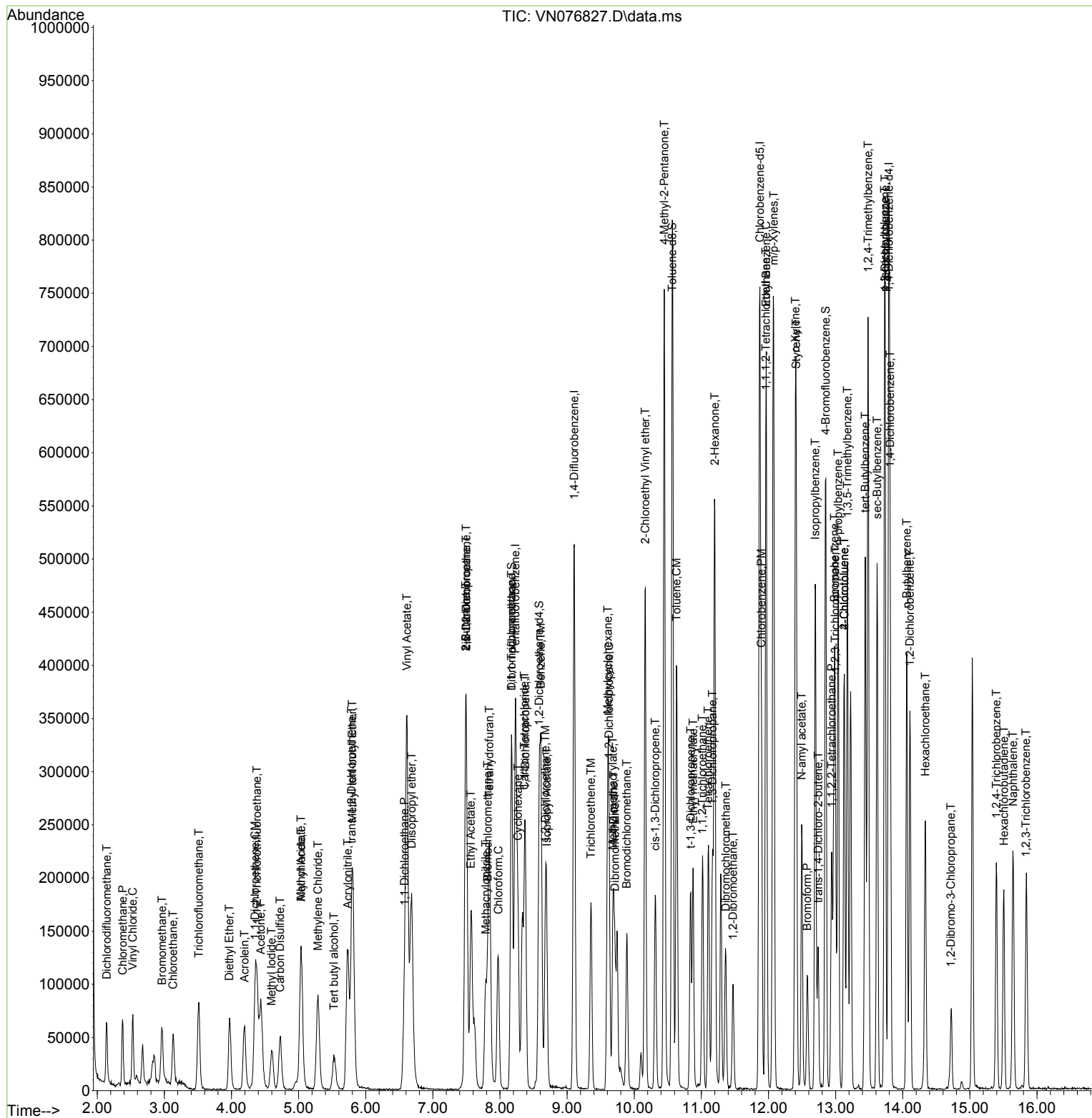
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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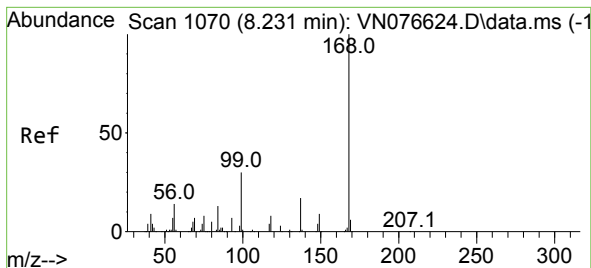
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076827.D

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Instrument :

MSVOA_N

ClientSampleId :

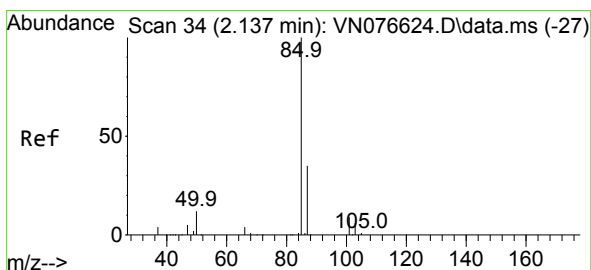
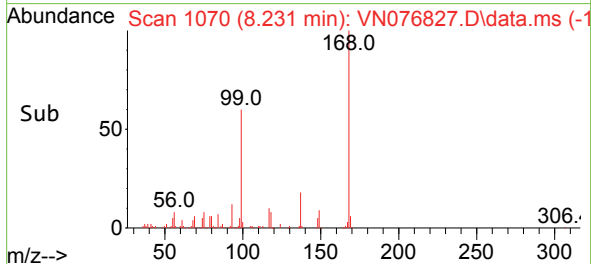
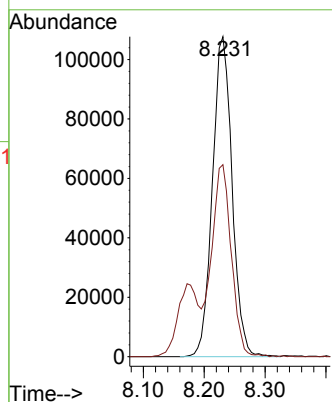
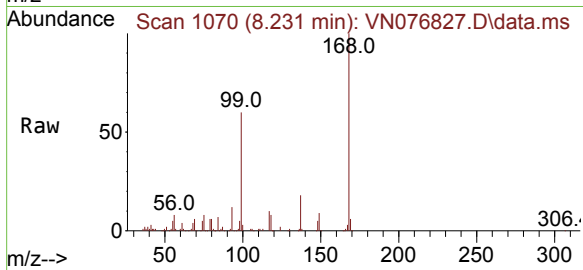
VN0228WBSD01

Tgt Ion:168 Resp: 241367

Ion Ratio Lower Upper

168 100

99 59.8 44.8 67.2



#2

Dichlorodifluoromethane

Concen: 19.467 ug/l

RT: 2.143 min Scan# 35

Delta R.T. 0.006 min

Lab File: VN076827.D

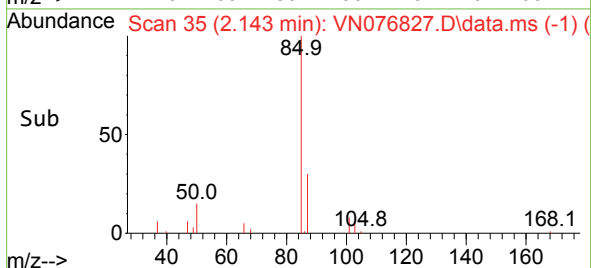
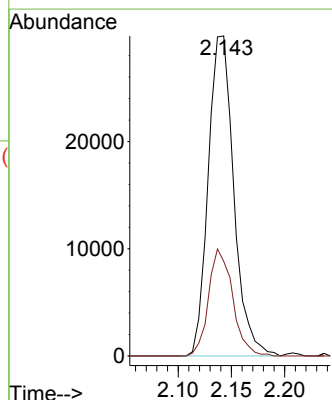
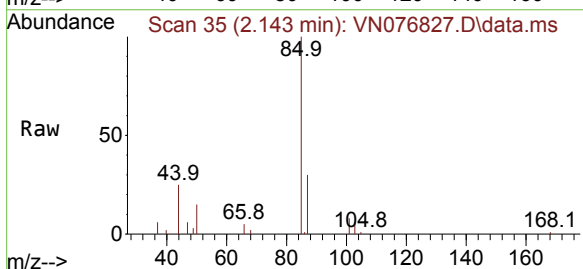
Acq: 28 Feb 2023 14:58

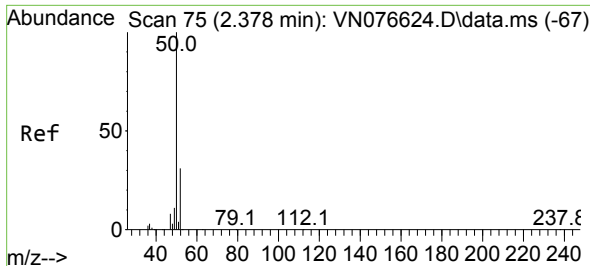
Tgt Ion: 85 Resp: 49891

Ion Ratio Lower Upper

85 100

87 29.6 17.4 52.2

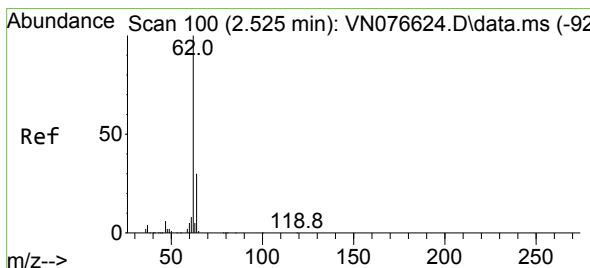
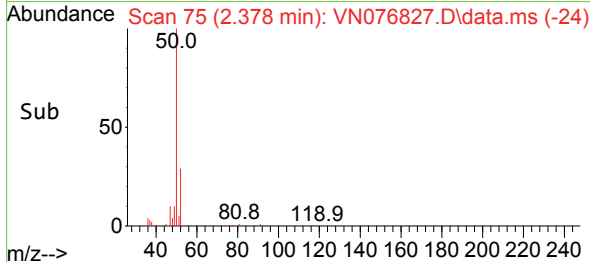
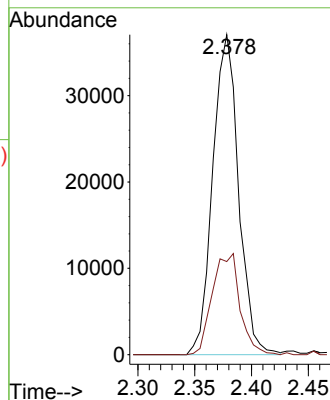
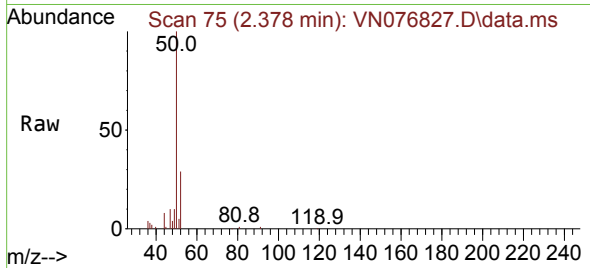




#3
Chloromethane
Concen: 17.523 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076827.D
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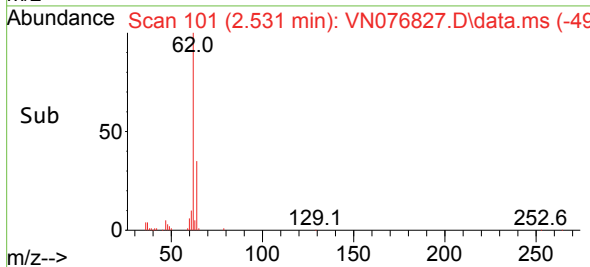
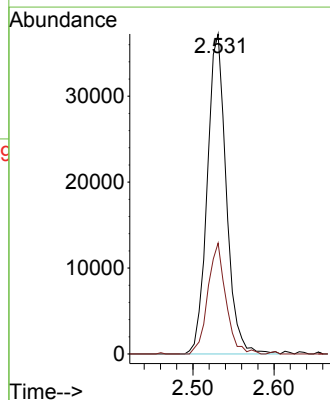
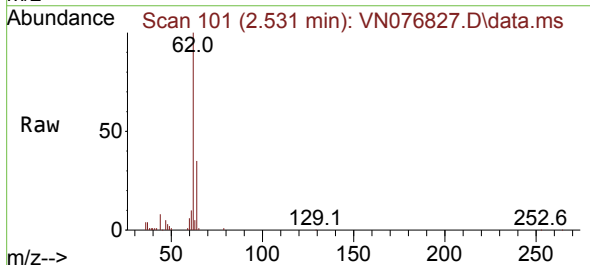
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ClientSampleId :
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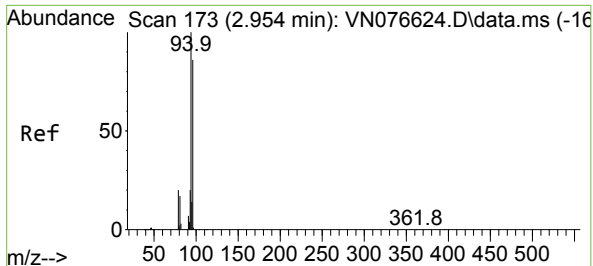
Tgt Ion: 50 Resp: 58592
Ion Ratio Lower Upper
50 100
52 29.1 24.7 37.1



#4
Vinyl Chloride
Concen: 18.388 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076827.D
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Tgt Ion: 62 Resp: 60512
Ion Ratio Lower Upper
62 100
64 34.7 23.9 35.9

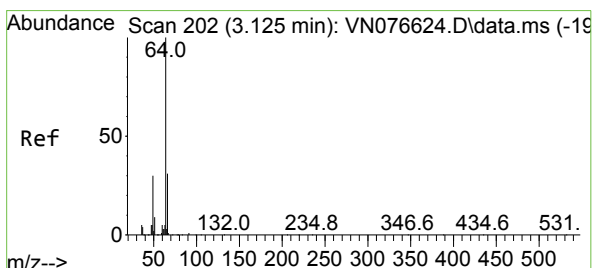
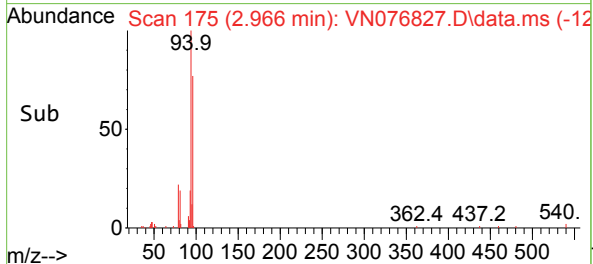
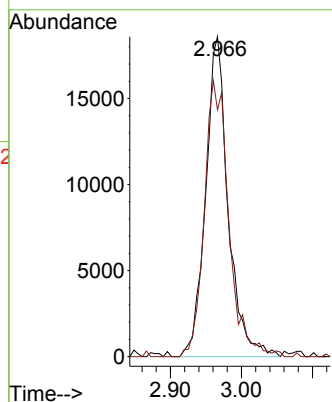
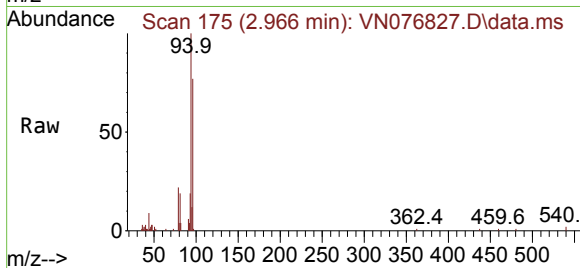




#5
Bromomethane
Concen: 20.519 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

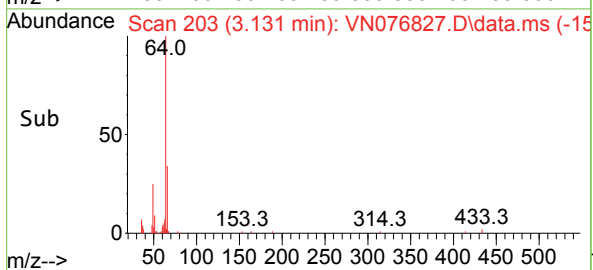
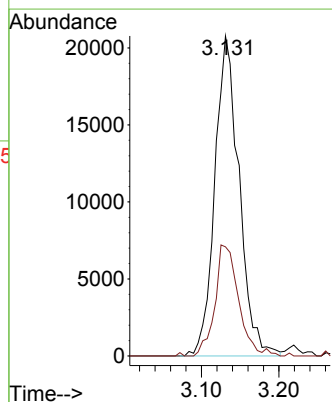
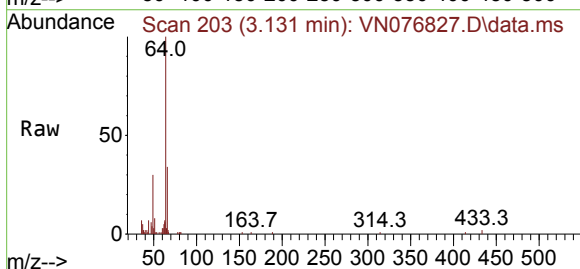
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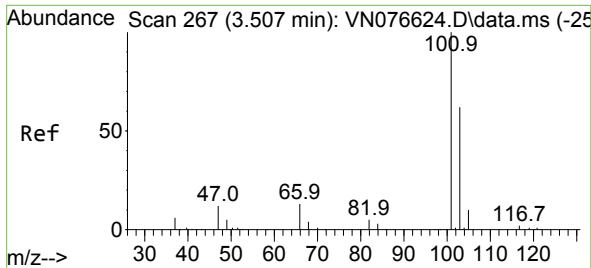
Tgt Ion: 94 Resp: 40916
Ion Ratio Lower Upper
94 100
96 77.1 69.0 103.4



#6
Chloroethane
Concen: 21.758 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 64 Resp: 45251
Ion Ratio Lower Upper
64 100
66 34.1 24.6 37.0

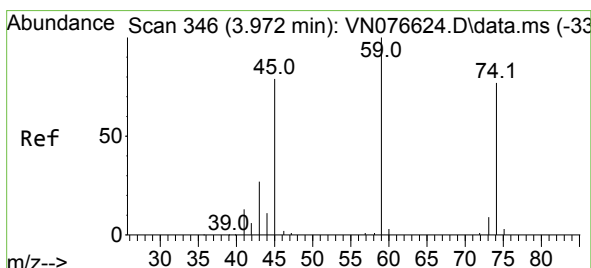
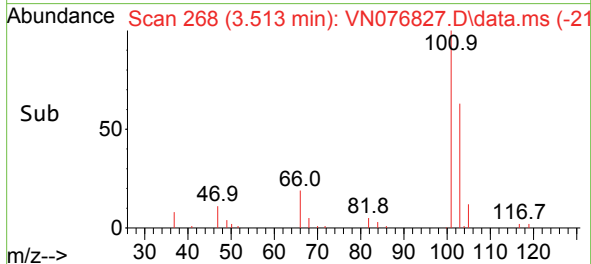
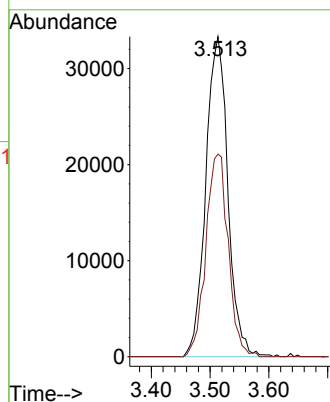
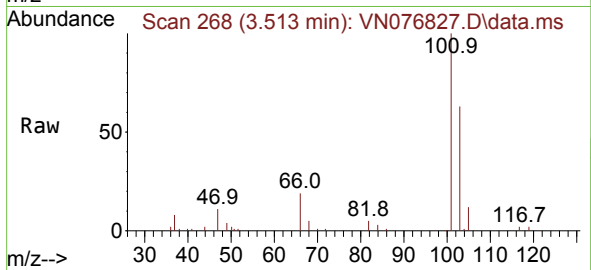




#7
 Trichlorofluoromethane
 Concen: 19.440 ug/l
 RT: 3.513 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN076827.D
 Acq: 28 Feb 2023 14:58

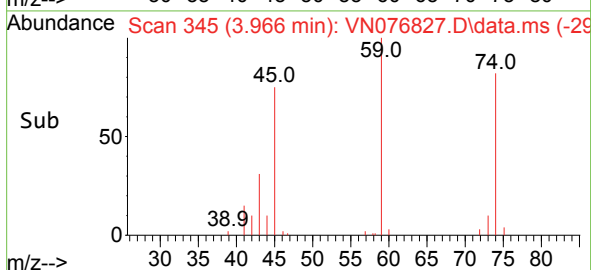
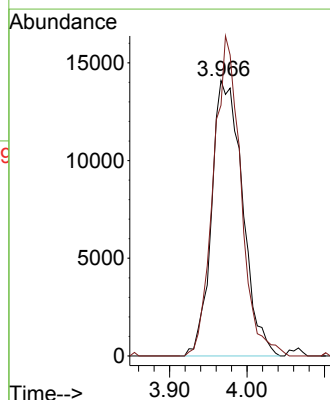
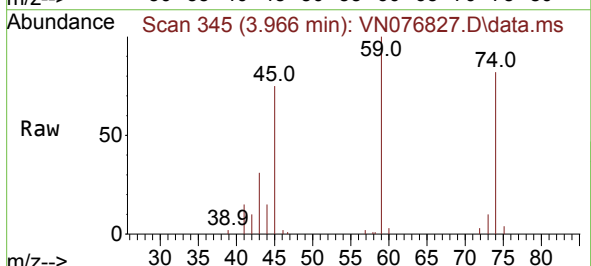
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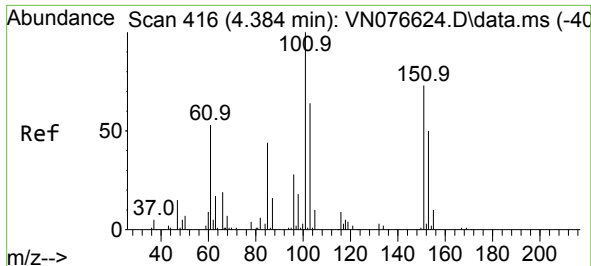
Tgt Ion:101 Resp: 87045
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.4 74.2



#8
 Diethyl Ether
 Concen: 22.673 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
 Lab File: VN076827.D
 Acq: 28 Feb 2023 14:58

Tgt Ion: 74 Resp: 39119
 Ion Ratio Lower Upper
 74 100
 45 102.9 51.3 153.9

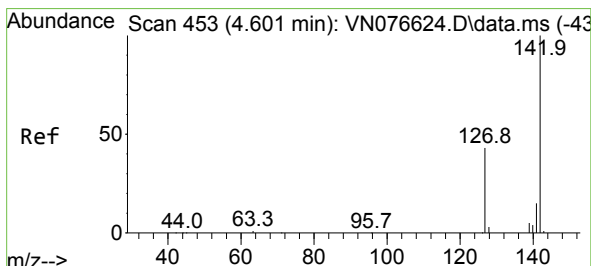
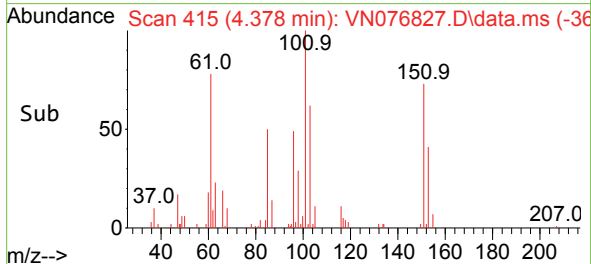
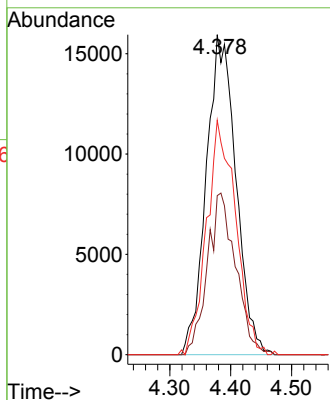
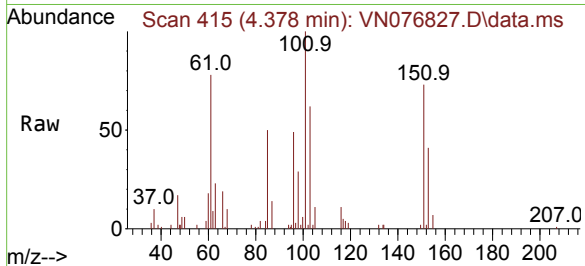




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.530 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

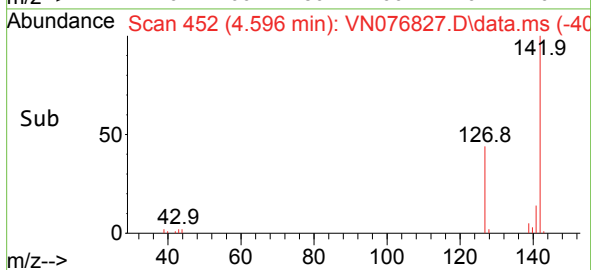
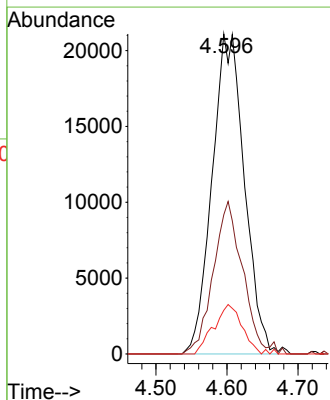
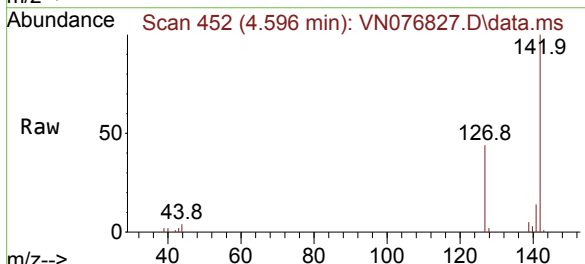
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

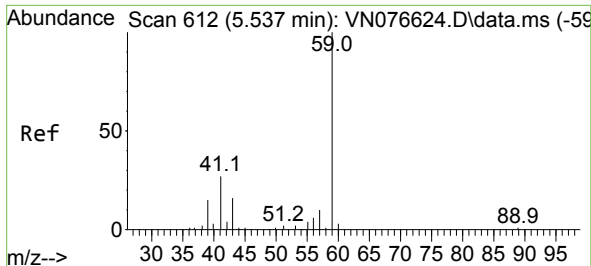
Tgt Ion:101 Resp: 54013
Ion Ratio Lower Upper
101 100
85 48.0 37.4 56.0
151 71.5 58.7 88.1



#10
Methyl Iodide
Concen: 20.482 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.005 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion:142 Resp: 66546
Ion Ratio Lower Upper
142 100
127 43.5 34.6 51.8
141 13.7 11.7 17.5

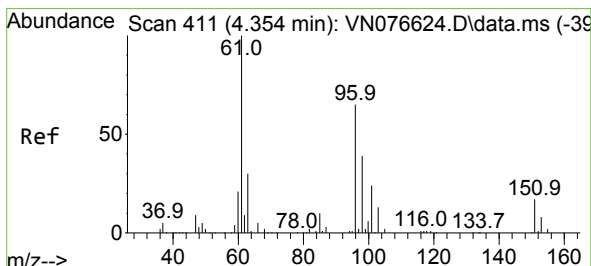
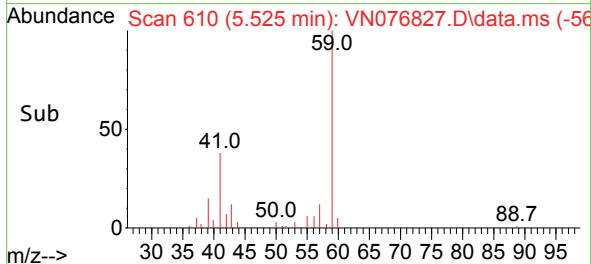
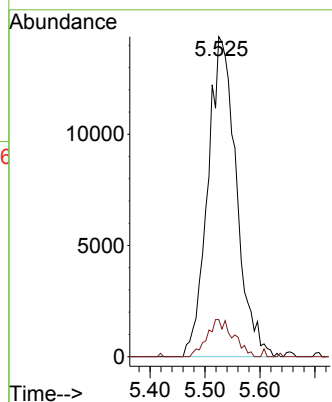
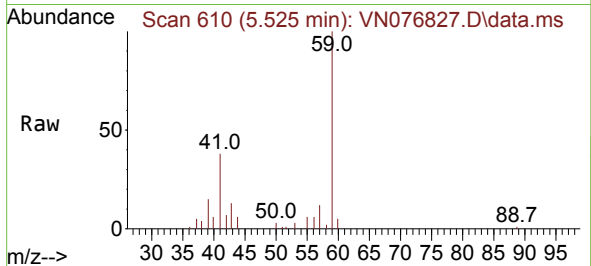




#11
Tert butyl alcohol
Concen: 118.142 ug/l
RT: 5.525 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

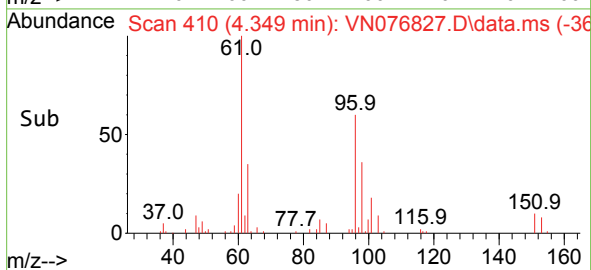
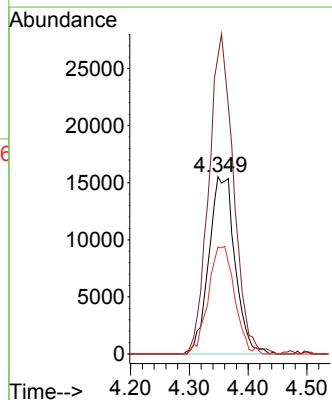
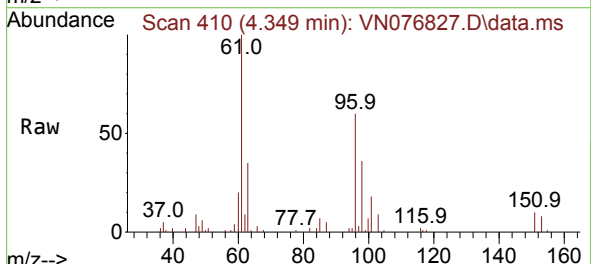
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

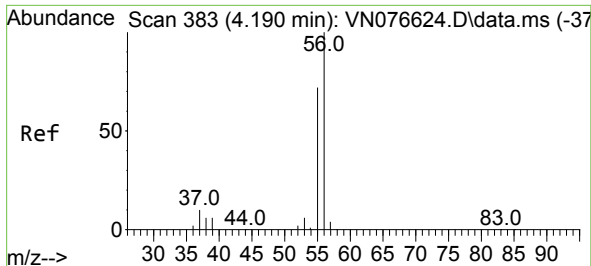
Tgt Ion: 59 Resp: 51975
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



#12
1,1-Dichloroethene
Concen: 19.292 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.005 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 96 Resp: 48064
Ion Ratio Lower Upper
96 100
61 167.9 123.8 185.6
98 60.3 48.4 72.6





#13

Acrolein

Concen: 122.613 ug/l

RT: 4.196 min Scan# 383

Delta R.T. 0.006 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

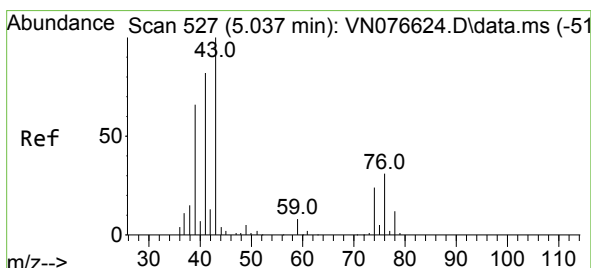
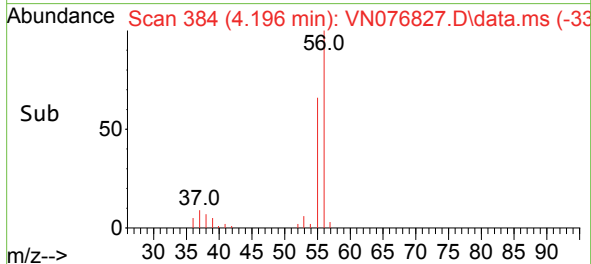
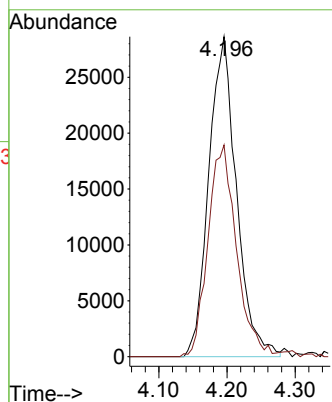
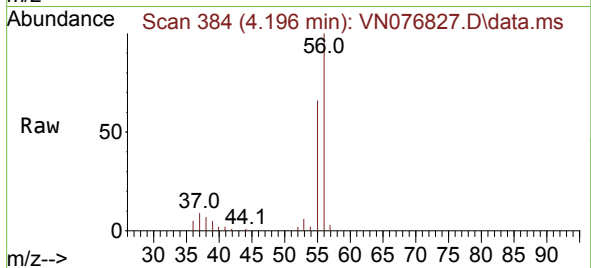
VN0228WBSD01

Tgt Ion: 56 Resp: 80983

Ion Ratio Lower Upper

56 100

55 68.0 56.3 84.5



#14

Allyl chloride

Concen: 21.266 ug/l

RT: 5.037 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

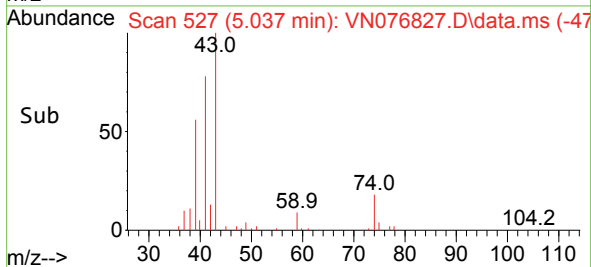
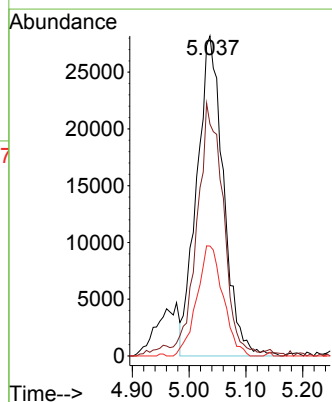
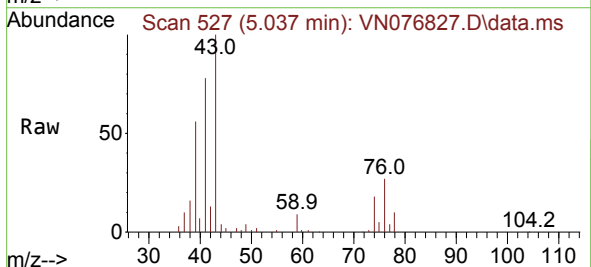
Tgt Ion: 41 Resp: 91799

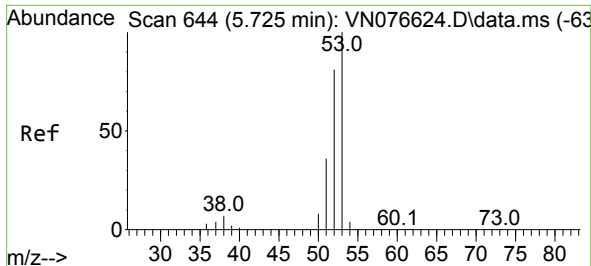
Ion Ratio Lower Upper

41 100

39 77.5 62.3 93.5

76 33.9 27.0 40.6

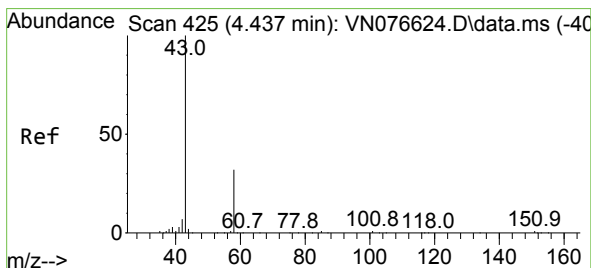
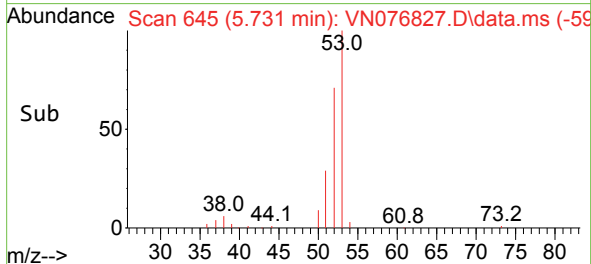
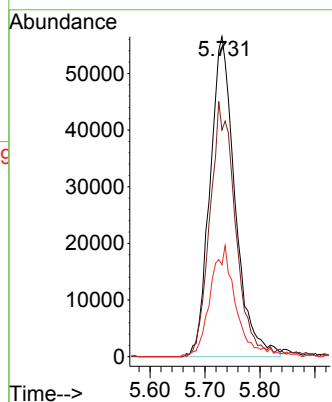
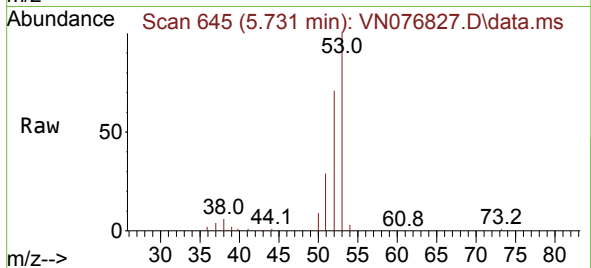




#15
Acrylonitrile
Concen: 114.455 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

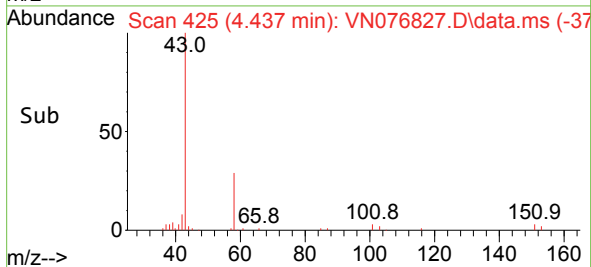
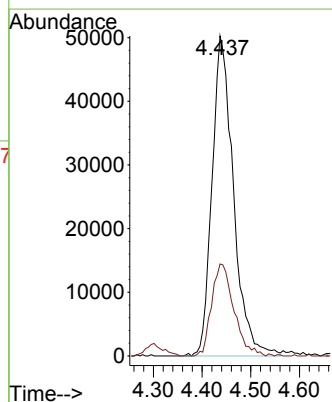
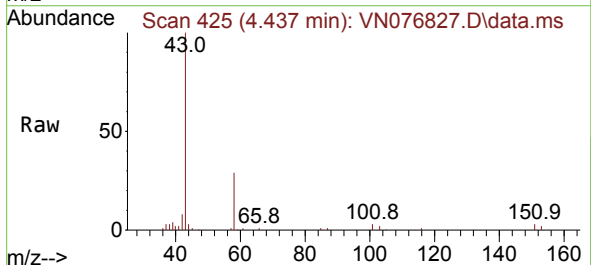
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

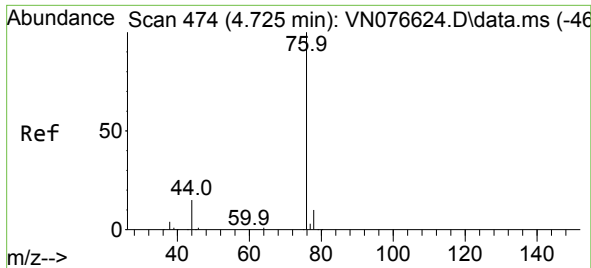
Tgt Ion: 53 Resp: 178699
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 35.4 29.2 43.8



#16
Acetone
Concen: 102.874 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 43 Resp: 153156
Ion Ratio Lower Upper
43 100
58 28.7 25.9 38.9

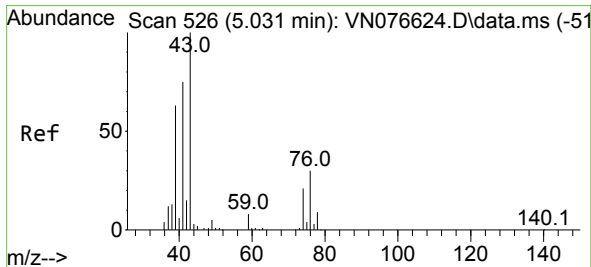
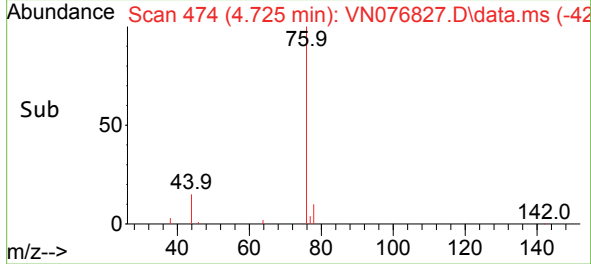
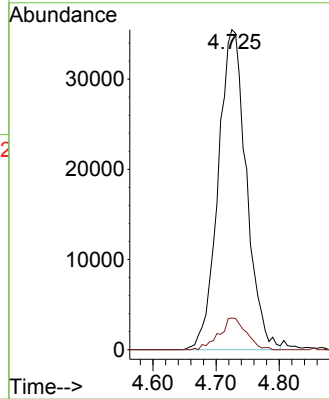
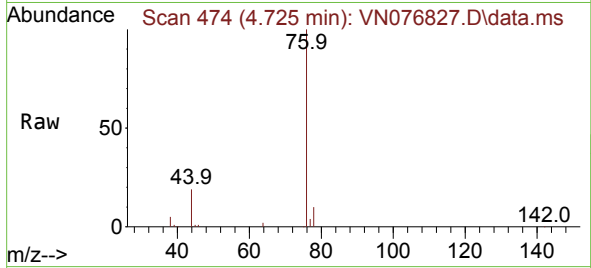




#17
Carbon Disulfide
Concen: 16.702 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

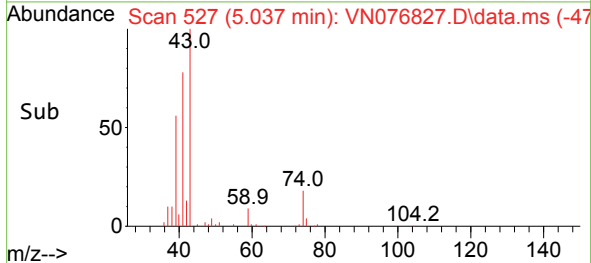
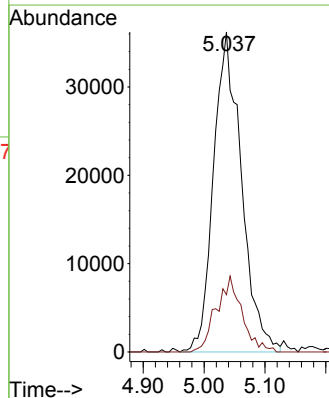
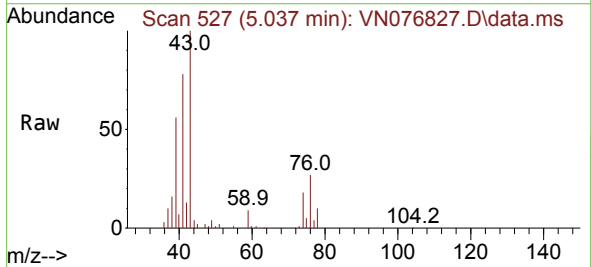
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

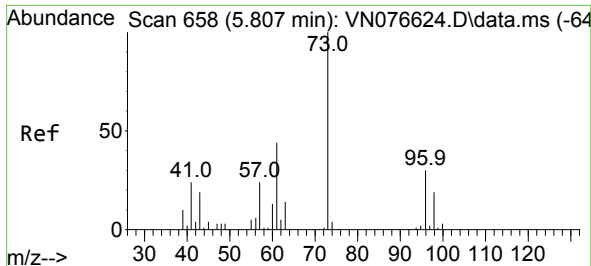
Tgt Ion: 76 Resp: 109865
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8



#18
Methyl Acetate
Concen: 23.686 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 43 Resp: 115106
Ion Ratio Lower Upper
43 100
74 21.8 17.7 26.5

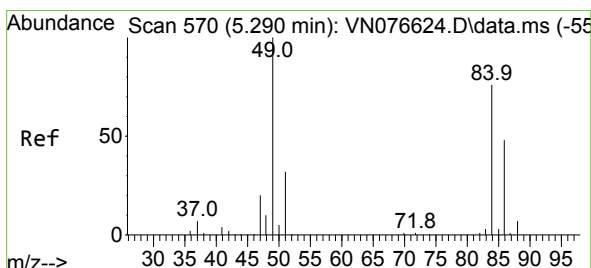
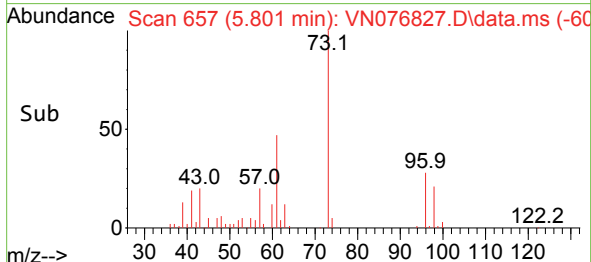
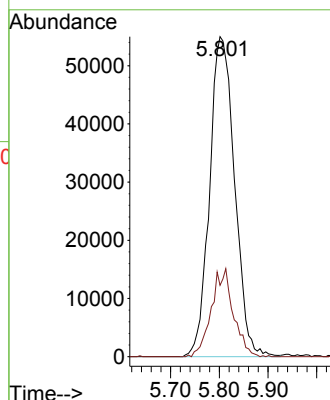
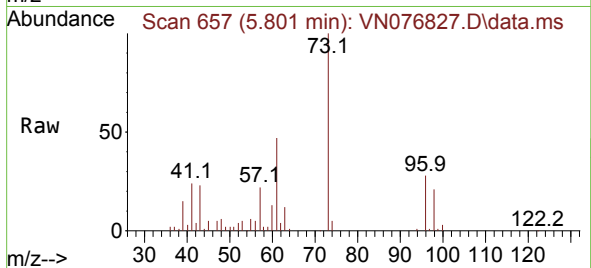




#19
Methyl tert-butyl Ether
Concen: 23.375 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

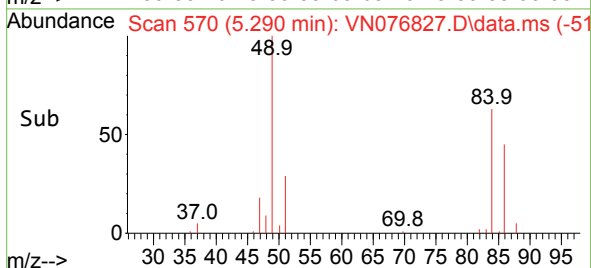
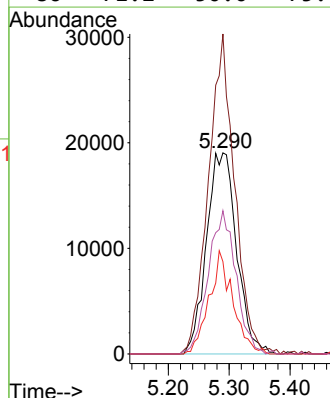
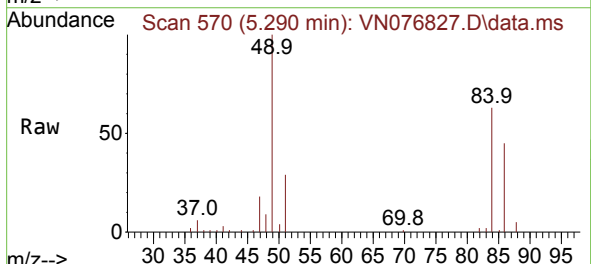
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

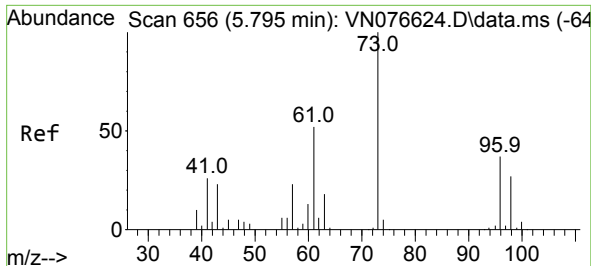
Tgt Ion: 73 Resp: 196335
Ion Ratio Lower Upper
73 100
57 22.3 19.0 28.4



#20
Methylene Chloride
Concen: 20.999 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 84 Resp: 65522
Ion Ratio Lower Upper
84 100
49 159.1 104.9 157.3#
51 45.9 33.8 50.8
86 71.2 50.0 75.0

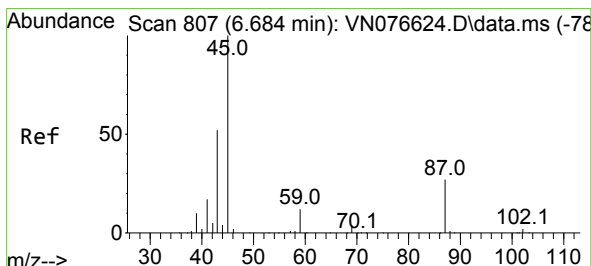
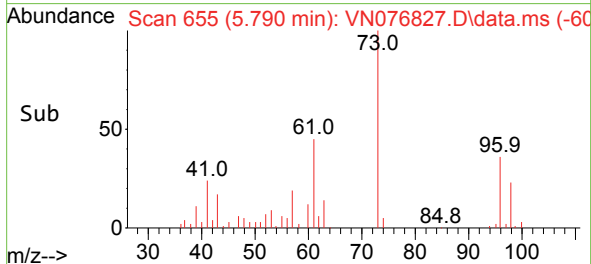
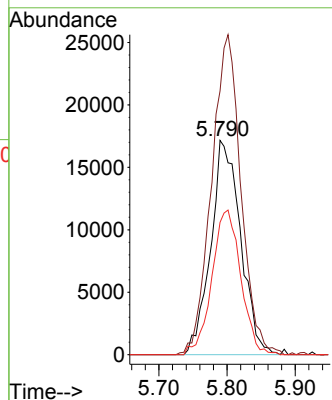
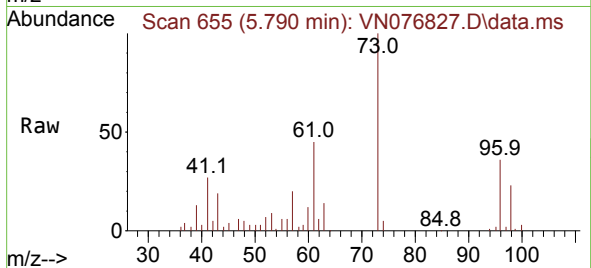




#21
trans-1,2-Dichloroethene
Concen: 18.661 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

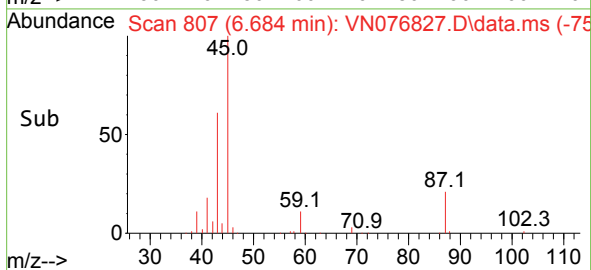
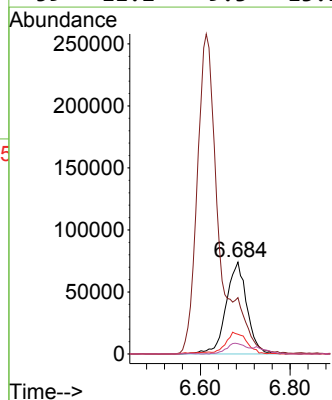
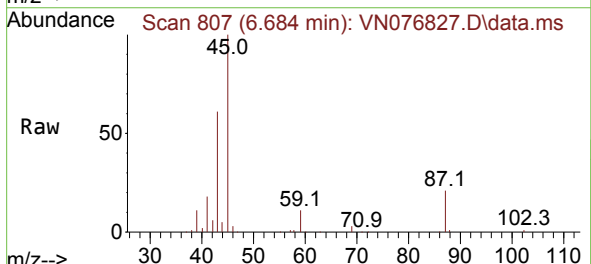
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

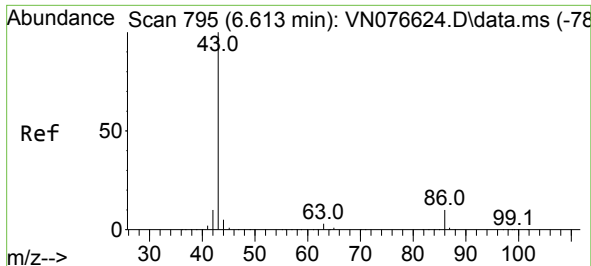
Tgt Ion: 96 Resp: 52334
Ion Ratio Lower Upper
96 100
61 122.2 113.9 170.9
98 61.8 59.4 89.0



#22
Diisopropyl ether
Concen: 23.496 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 45 Resp: 237892
Ion Ratio Lower Upper
45 100
43 60.3 41.8 62.6
87 21.4 21.8 32.8#
59 11.2 9.3 13.9

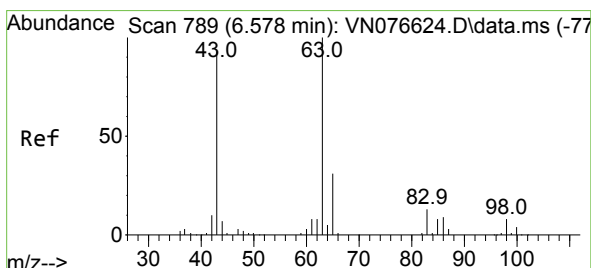
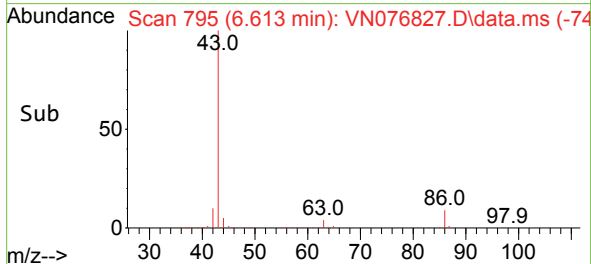
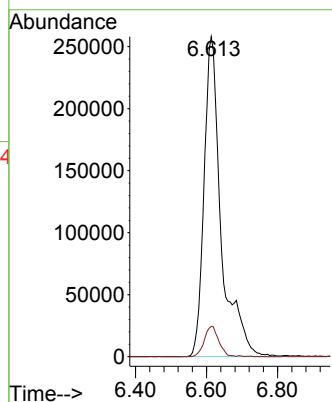
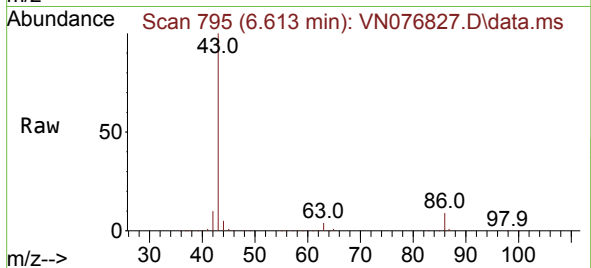




#23
 Vinyl Acetate
 Concen: 145.000 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076827.D
 Acq: 28 Feb 2023 14:58

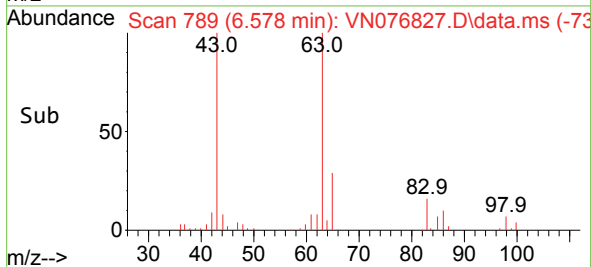
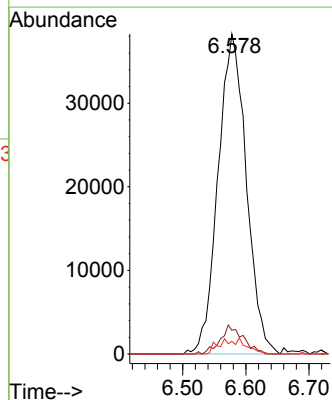
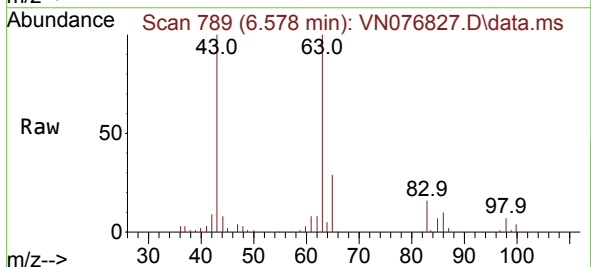
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD01

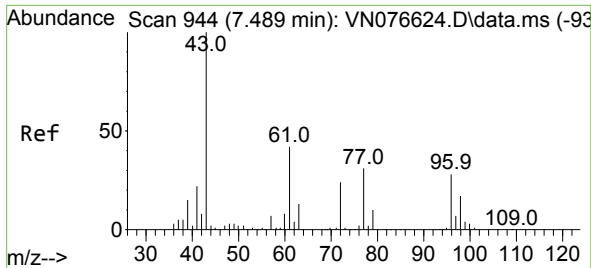
Tgt Ion: 43 Resp: 868629
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 21.448 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076827.D
 Acq: 28 Feb 2023 14:58

Tgt Ion: 63 Resp: 119013
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.1 12.3
 100 3.9 2.0 5.8

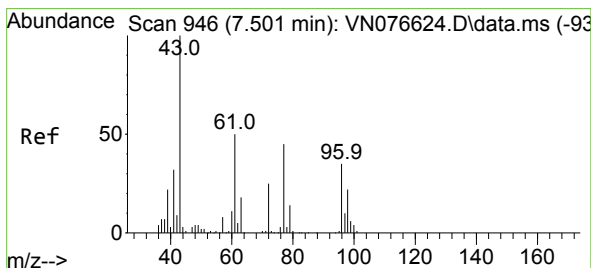
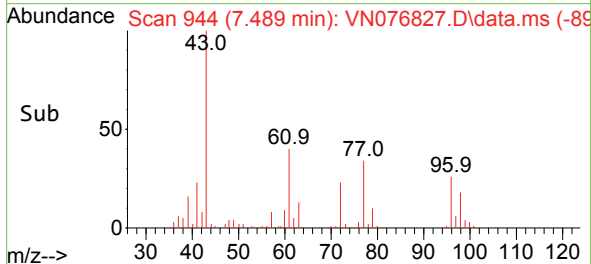
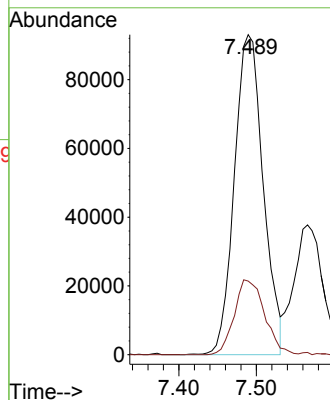
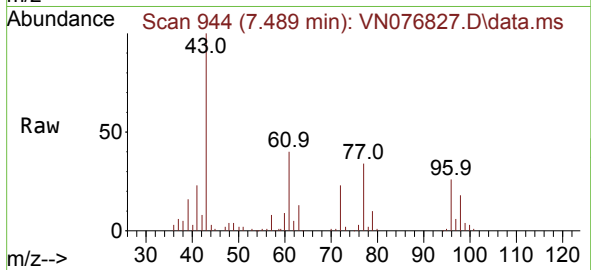




#25
2-Butanone
Concen: 109.595 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

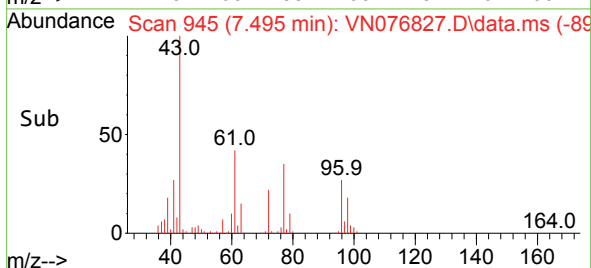
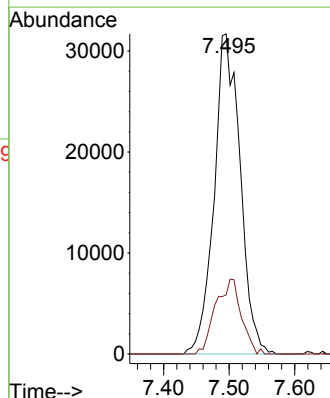
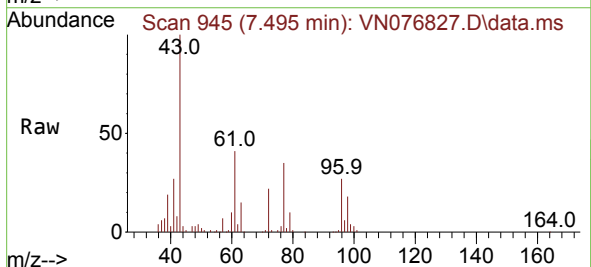
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

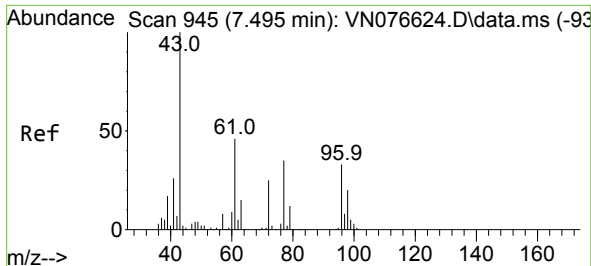
Tgt Ion: 43 Resp: 240678
Ion Ratio Lower Upper
43 100
72 23.0 19.4 29.2



#26
2,2-Dichloropropane
Concen: 21.795 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 77 Resp: 87233
Ion Ratio Lower Upper
77 100
97 23.0 11.9 35.7

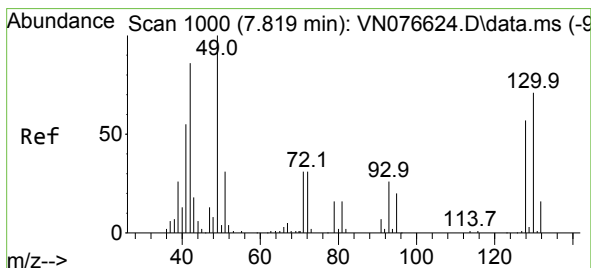
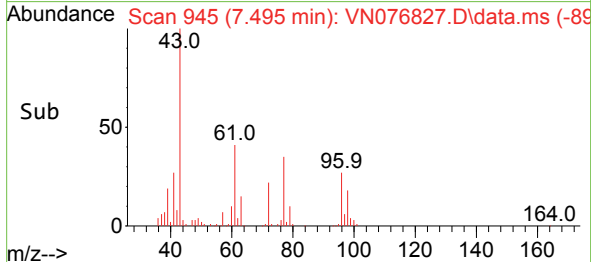
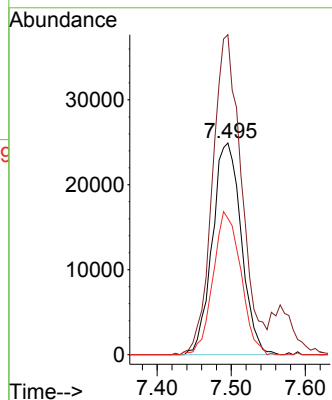
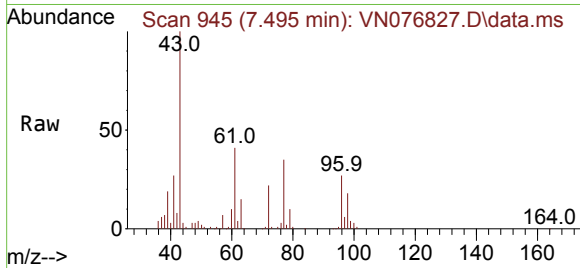




#27
 cis-1,2-Dichloroethene
 Concen: 20.306 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076827.D
 Acq: 28 Feb 2023 14:58

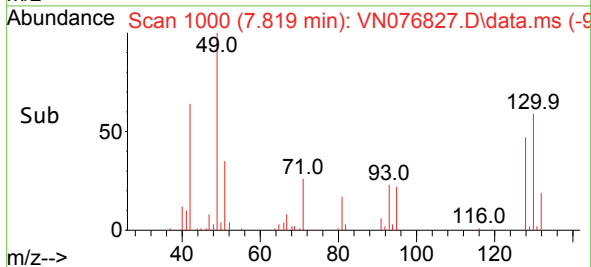
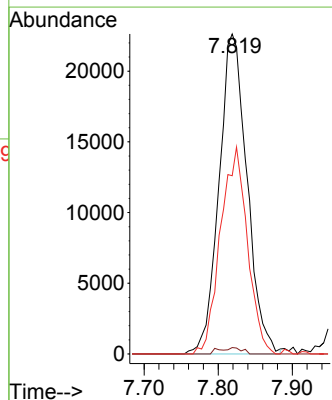
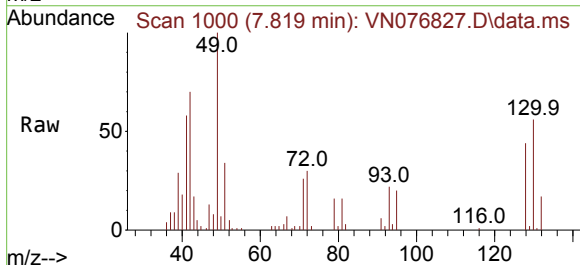
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD01

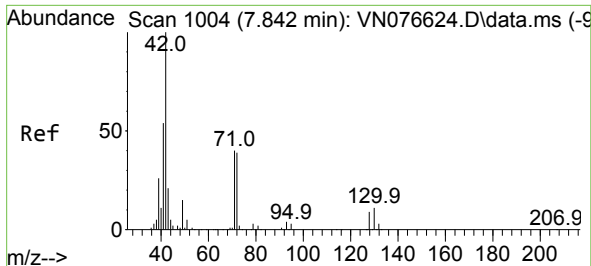
Tgt Ion:	96	Resp:	67545
Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	286.8
98	65.0	0.0	124.0



#28
 Bromochloromethane
 Concen: 22.497 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076827.D
 Acq: 28 Feb 2023 14:58

Tgt Ion:	49	Resp:	59415
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.0
130	62.0	57.8	86.8





#29

Tetrahydrofuran

Concen: 116.732 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

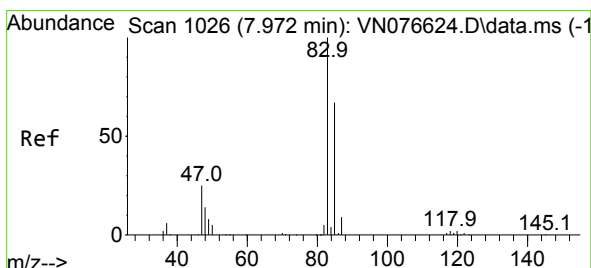
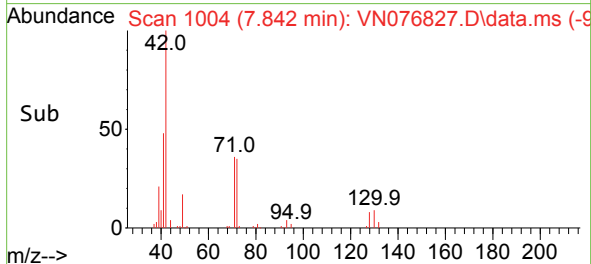
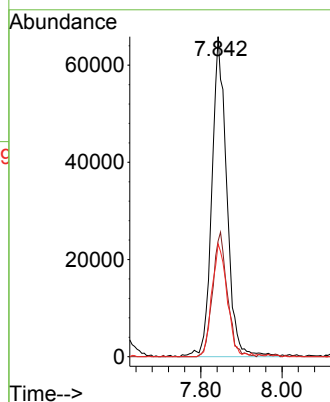
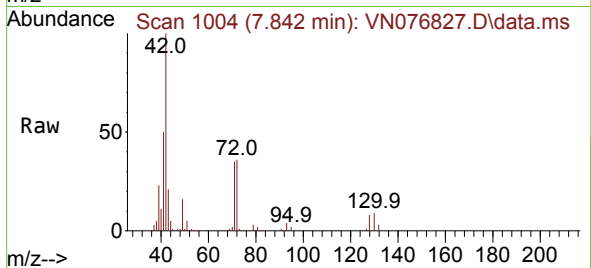
Tgt Ion: 42 Resp: 167487

Ion Ratio Lower Upper

42 100

72 38.4 31.5 47.3

71 36.0 29.8 44.8



#30

Chloroform

Concen: 21.135 ug/l

RT: 7.978 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VN076827.D

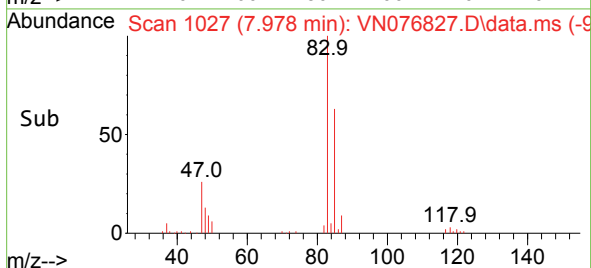
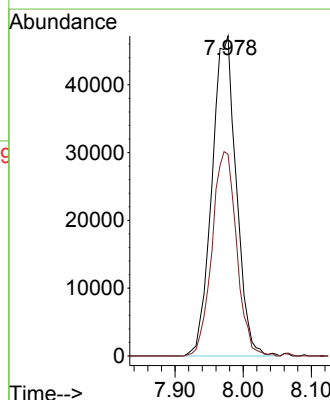
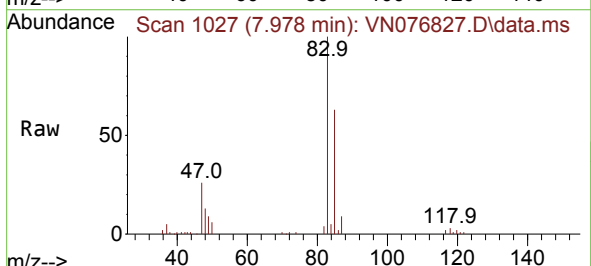
Acq: 28 Feb 2023 14:58

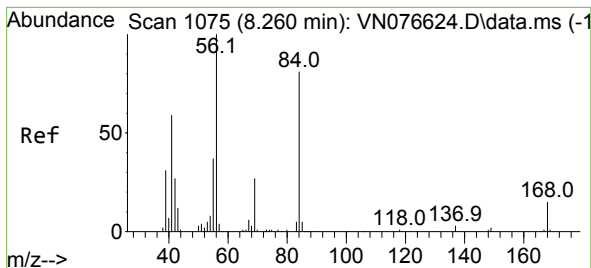
Tgt Ion: 83 Resp: 117178

Ion Ratio Lower Upper

83 100

85 63.0 53.5 80.3





#31

Cyclohexane

Concen: 19.660 ug/l

RT: 8.266 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

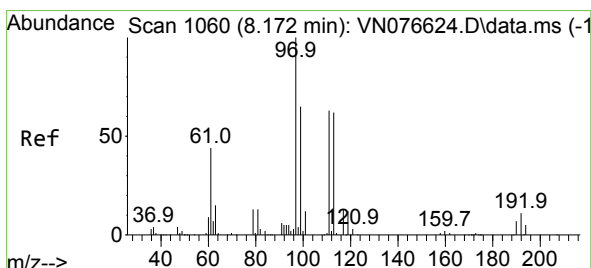
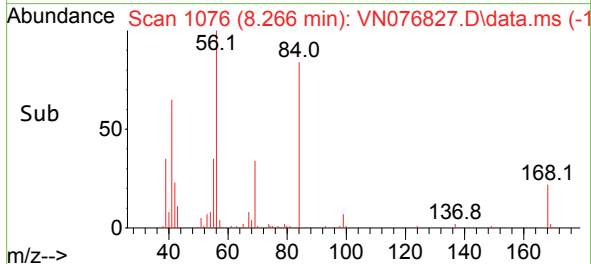
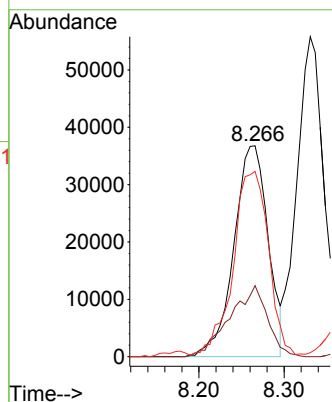
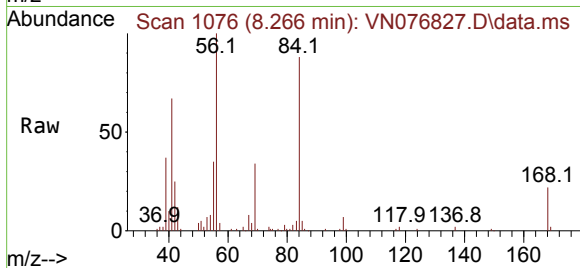
Tgt Ion: 56 Resp: 102787

Ion Ratio Lower Upper

56 100

69 32.5 21.6 32.4#

84 85.3 65.1 97.7



#32

1,1,1-Trichloroethane

Concen: 20.947 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

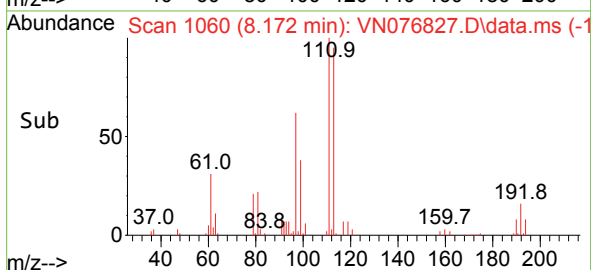
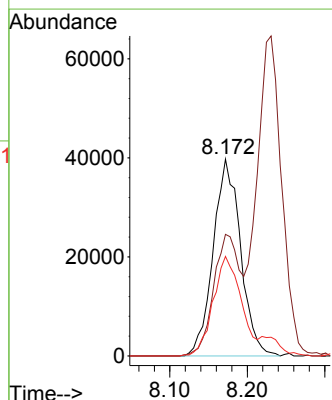
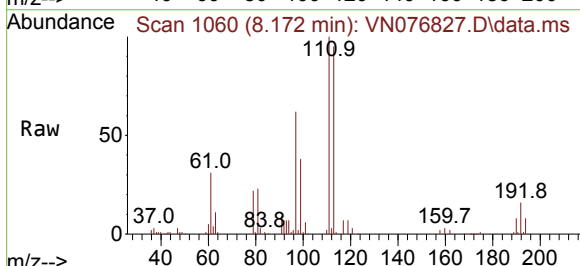
Tgt Ion: 97 Resp: 97647

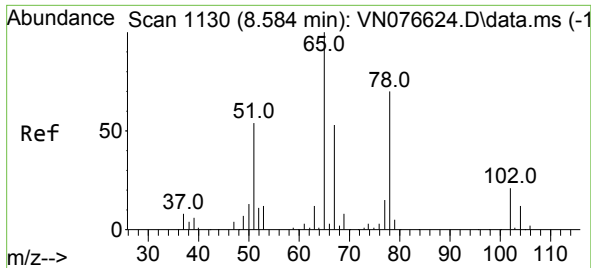
Ion Ratio Lower Upper

97 100

99 60.2 51.2 76.8

61 51.8 38.2 57.2

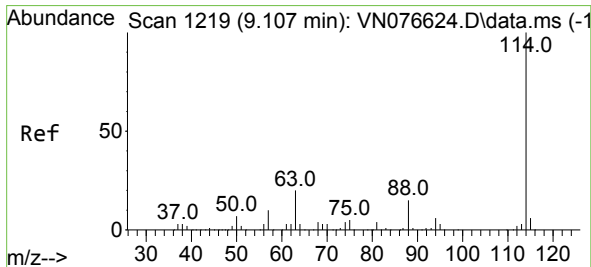
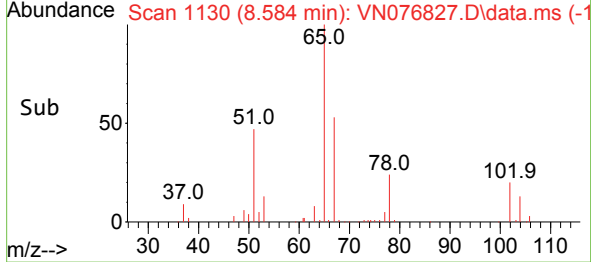
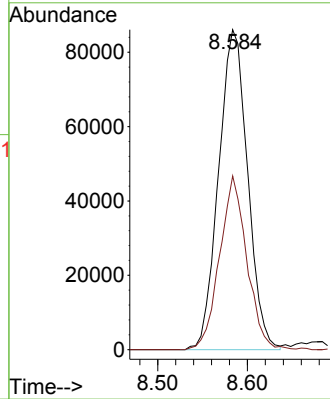
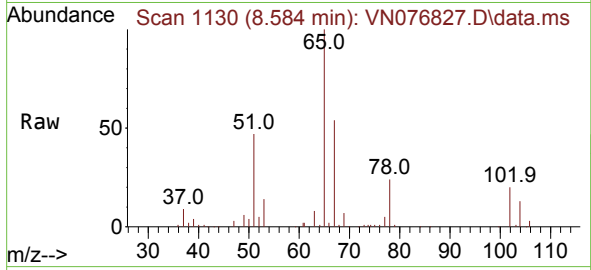




#33
 1,2-Dichloroethane-d4
 Concen: 57.956 ug/l
 RT: 8.584 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN076827.D
 Acq: 28 Feb 2023 14:58

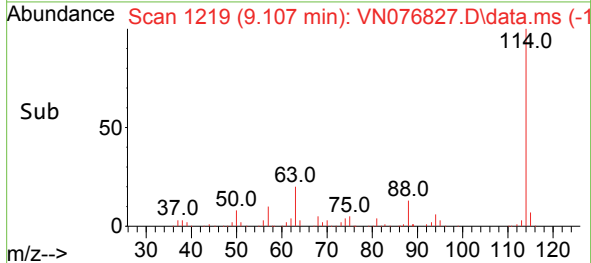
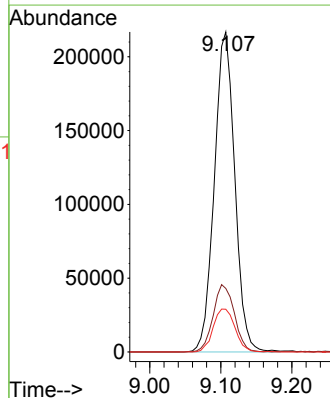
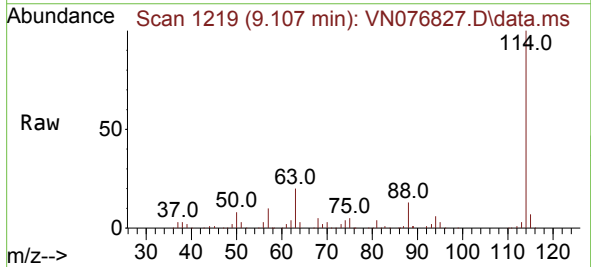
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD01

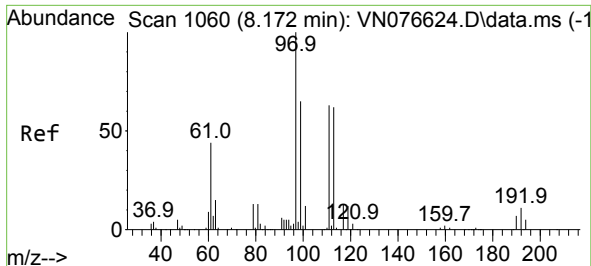
Tgt Ion: 65 Resp: 193163
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN076827.D
 Acq: 28 Feb 2023 14:58

Tgt Ion: 114 Resp: 432224
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 13.4 0.0 29.6

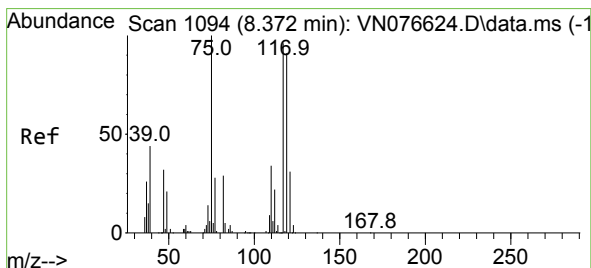
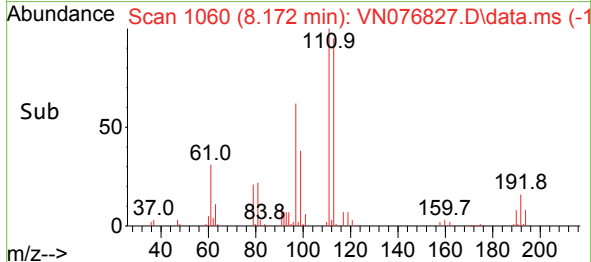
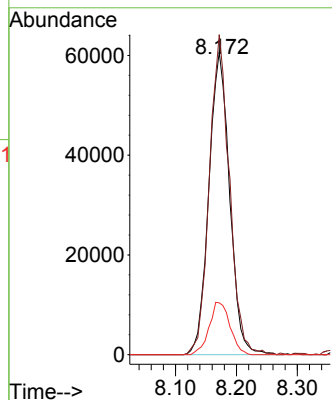
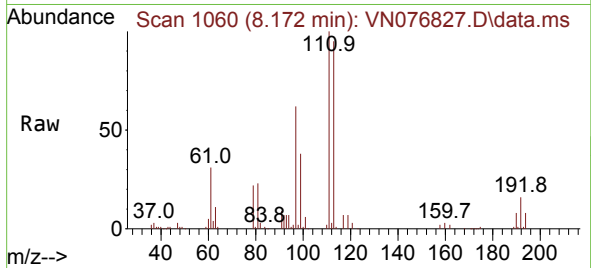




#35
Dibromofluoromethane
Concen: 50.776 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

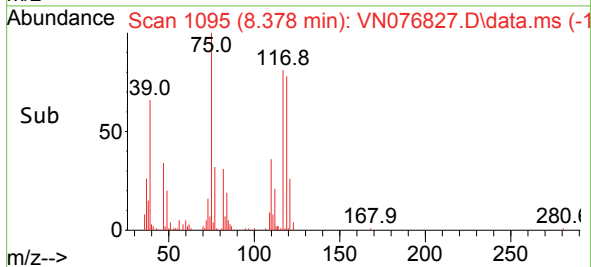
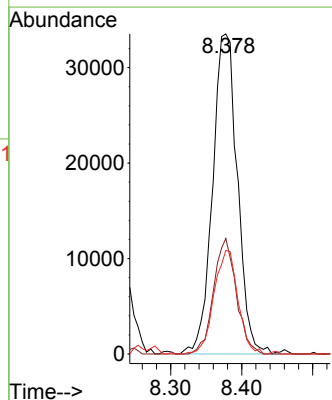
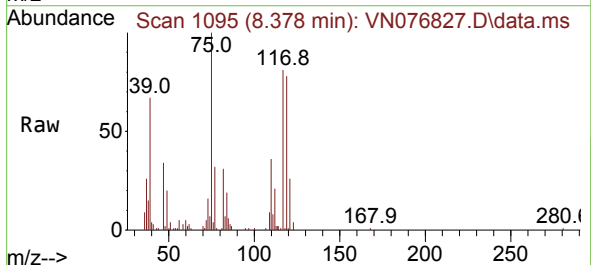
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

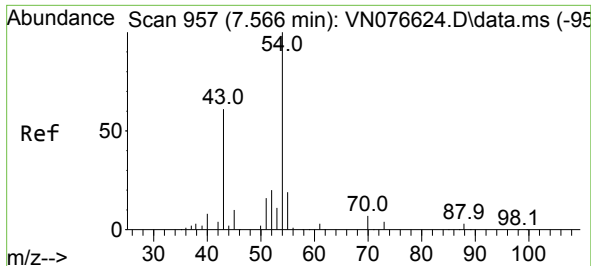
Tgt Ion:113 Resp: 143724
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 17.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 19.877 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 75 Resp: 81289
Ion Ratio Lower Upper
75 100
110 33.1 17.5 52.5
77 31.1 24.5 36.7





#37

Ethyl Acetate

Concen: 22.742 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

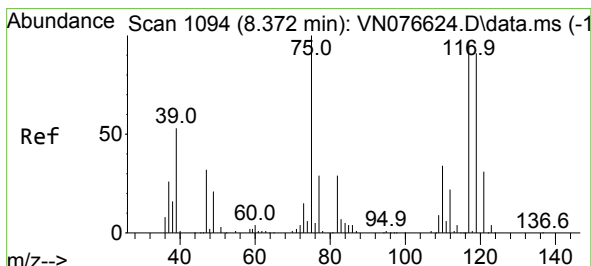
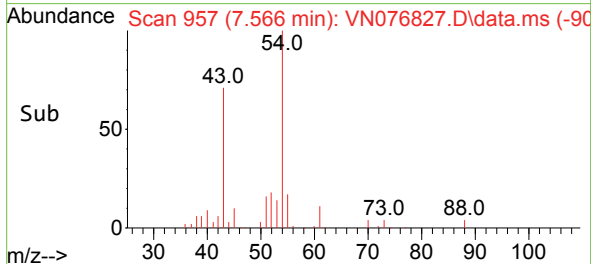
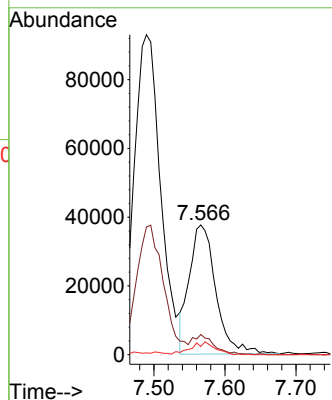
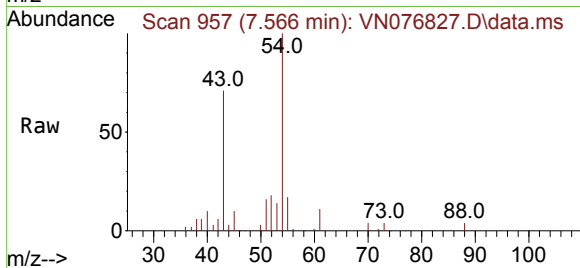
Tgt Ion: 43 Resp: 97857

Ion Ratio Lower Upper

43 100

61 12.4 9.9 14.9

70 8.9 7.8 11.6



#38

Carbon Tetrachloride

Concen: 19.410 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

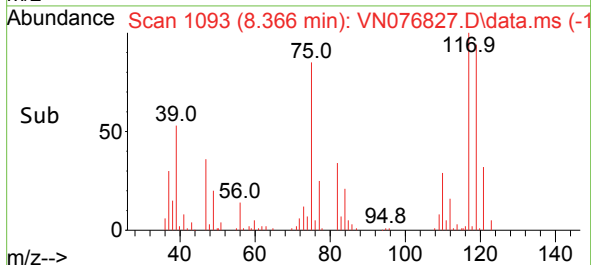
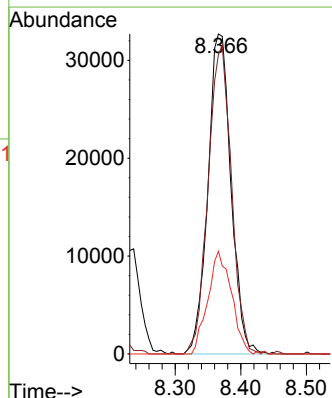
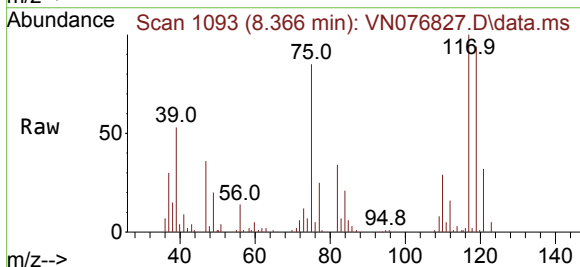
Tgt Ion: 117 Resp: 80080

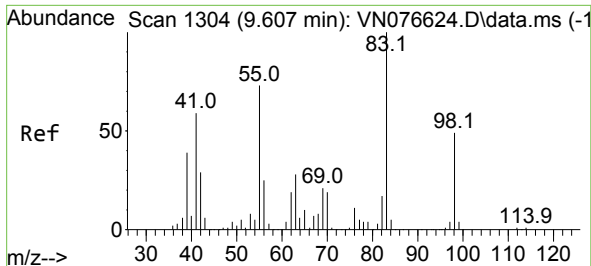
Ion Ratio Lower Upper

117 100

119 93.6 75.4 113.0

121 32.1 26.0 39.0





#39

Methylcyclohexane

Concen: 20.558 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

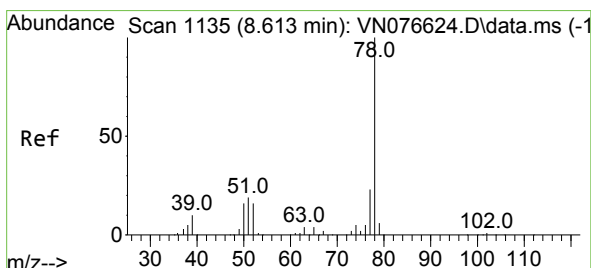
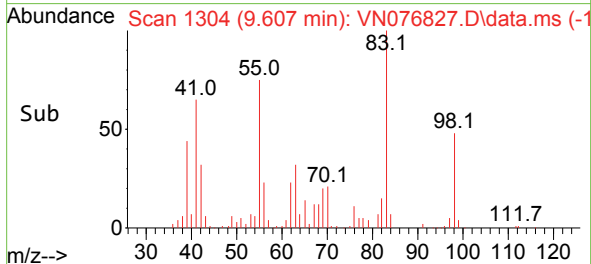
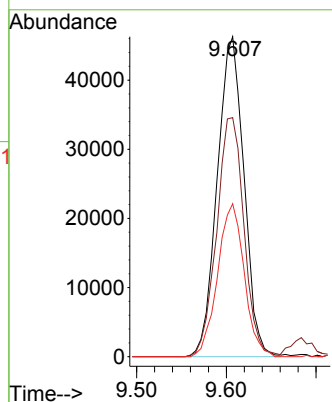
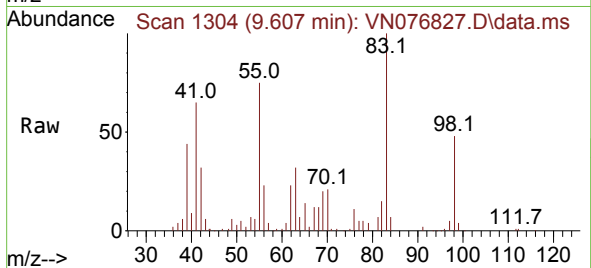
Tgt Ion: 83 Resp: 95567

Ion Ratio Lower Upper

83 100

55 74.7 58.6 88.0

98 47.8 39.4 59.2



#40

Benzene

Concen: 20.784 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN076827.D

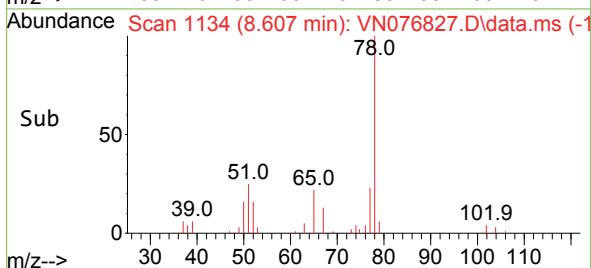
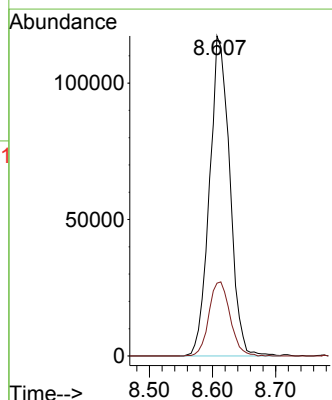
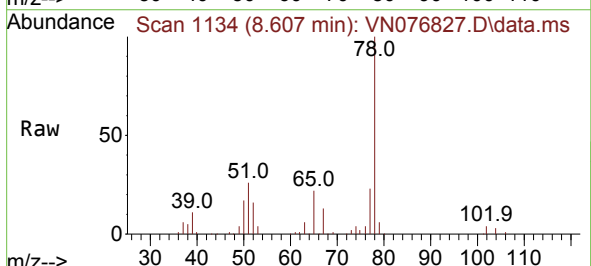
Acq: 28 Feb 2023 14:58

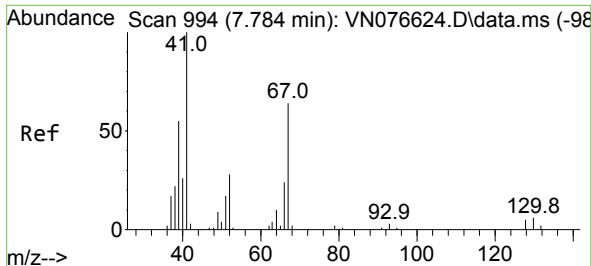
Tgt Ion: 78 Resp: 261034

Ion Ratio Lower Upper

78 100

77 22.8 18.2 27.4



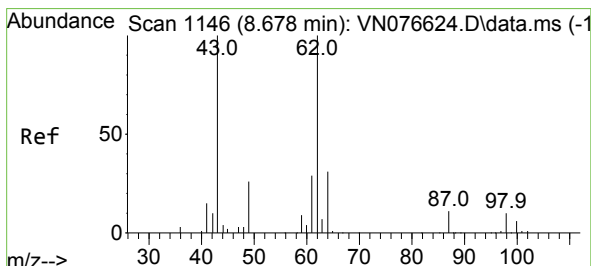
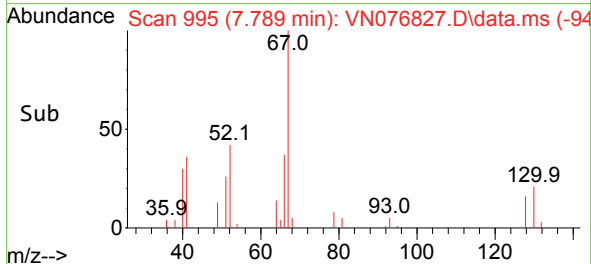
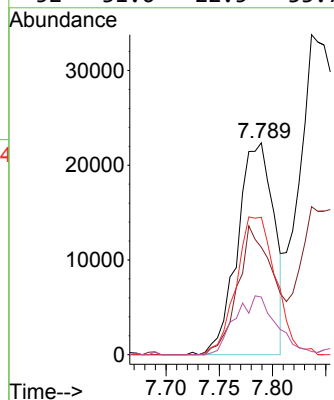
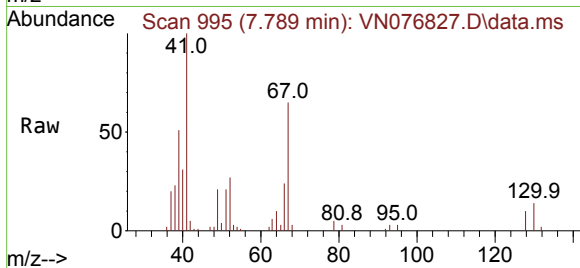


#41
Methacrylonitrile
Concen: 21.354 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

Tgt Ion: 41 Resp: 53230

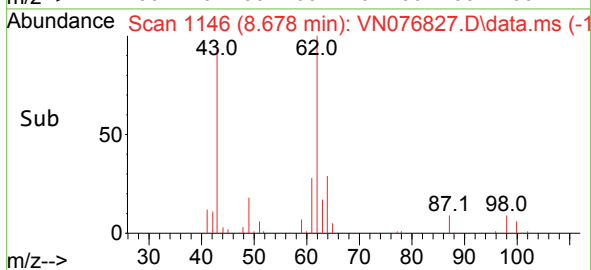
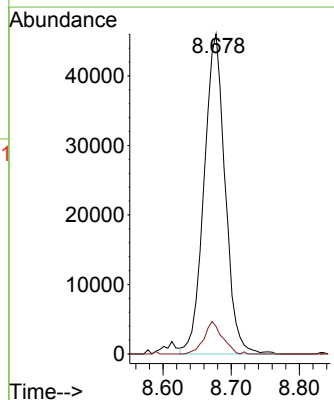
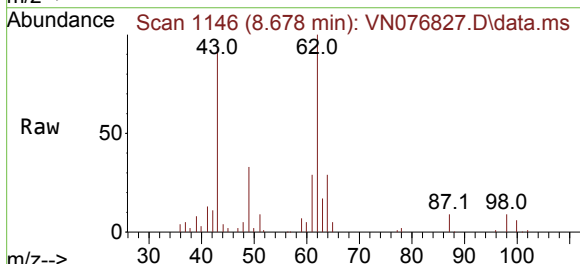
Ion	Ratio	Lower	Upper
41	100		
39	60.1	42.6	63.8
67	70.4	51.4	77.0
52	31.6	22.5	33.7

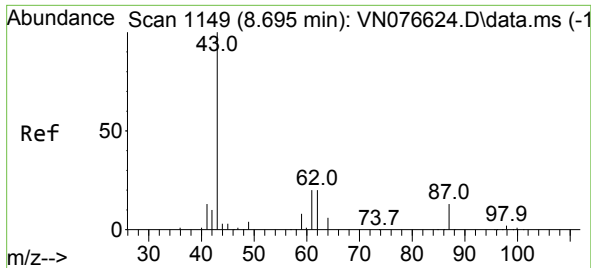


#42
1,2-Dichloroethane
Concen: 22.601 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 62 Resp: 98999

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.2

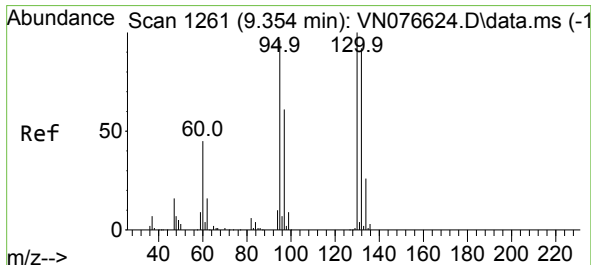
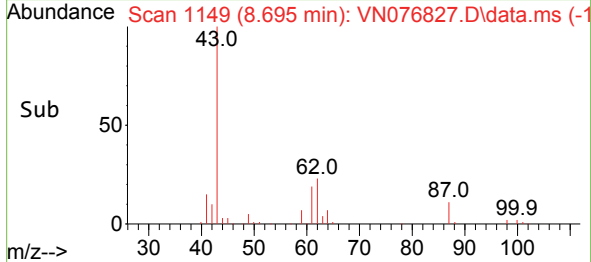
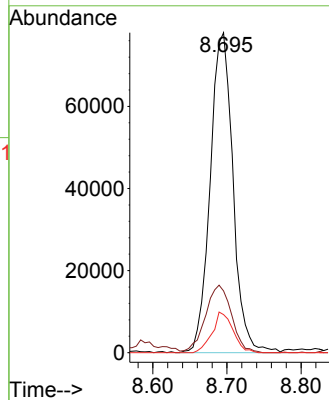
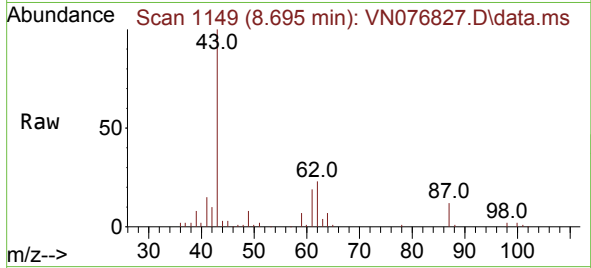




#43
Isopropyl Acetate
Concen: 23.824 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

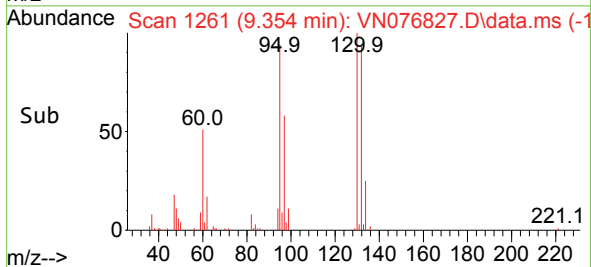
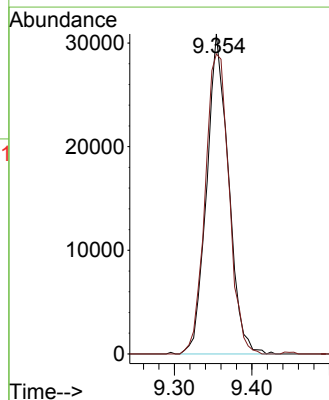
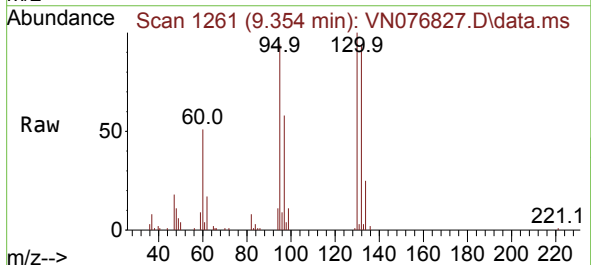
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

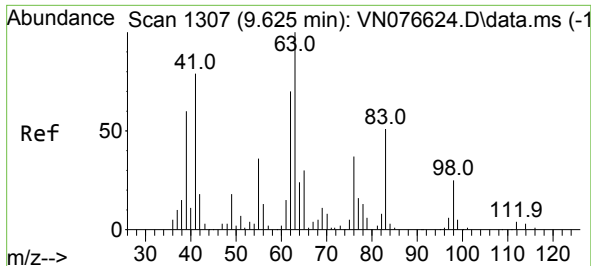
Tgt Ion: 43 Resp: 166812
Ion Ratio Lower Upper
43 100
61 24.2 20.0 30.0
87 11.5 9.9 14.9



#44
Trichloroethene
Concen: 20.394 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion:130 Resp: 60526
Ion Ratio Lower Upper
130 100
95 93.7 0.0 191.4





#45

1,2-Dichloropropane

Concen: 22.659 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

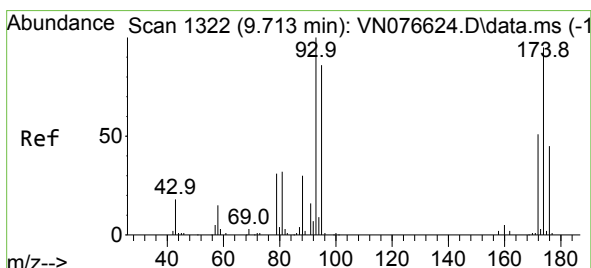
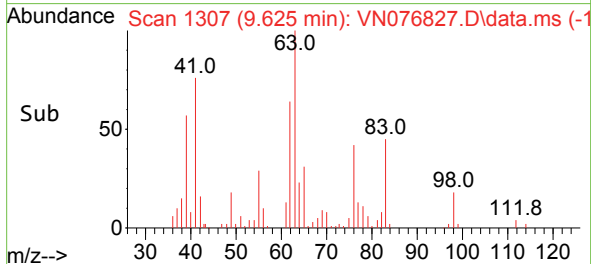
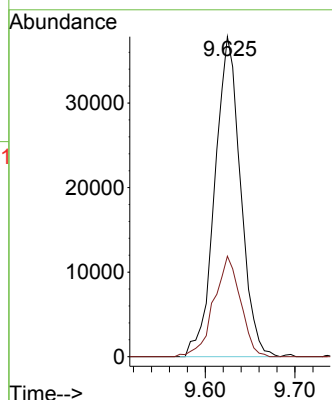
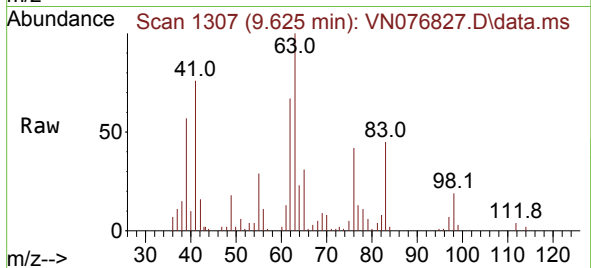
VN0228WBSD01

Tgt Ion: 63 Resp: 75332

Ion Ratio Lower Upper

63 100

65 31.4 24.2 36.2



#46

Dibromomethane

Concen: 22.054 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

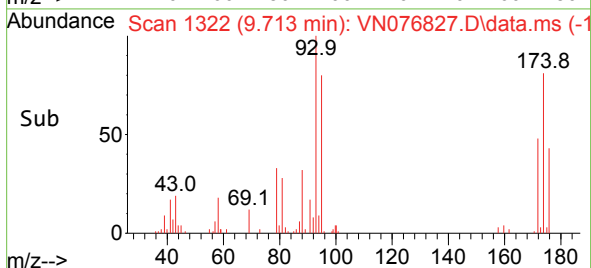
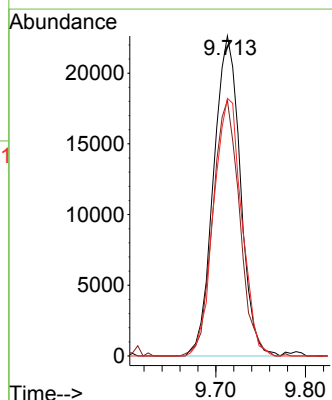
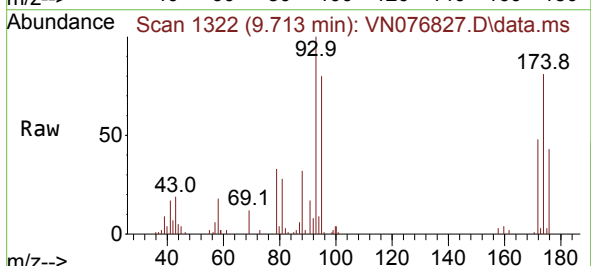
Tgt Ion: 93 Resp: 46874

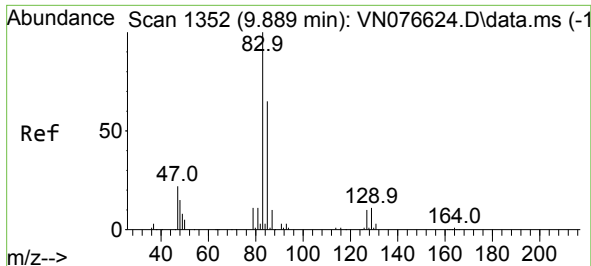
Ion Ratio Lower Upper

93 100

95 79.9 66.0 99.0

174 84.1 75.8 113.8

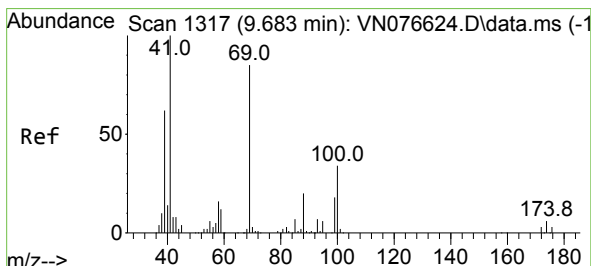
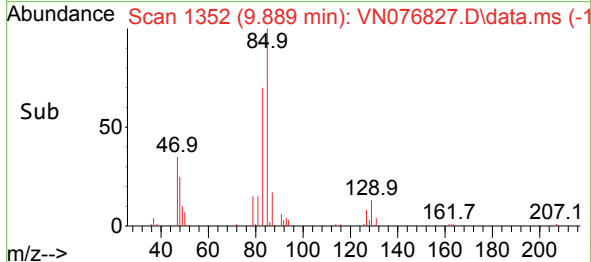
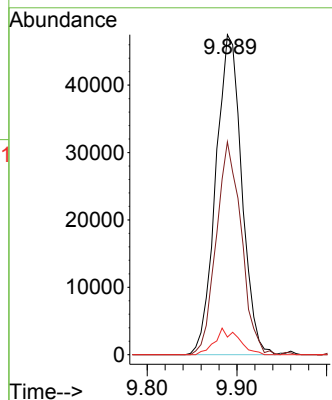
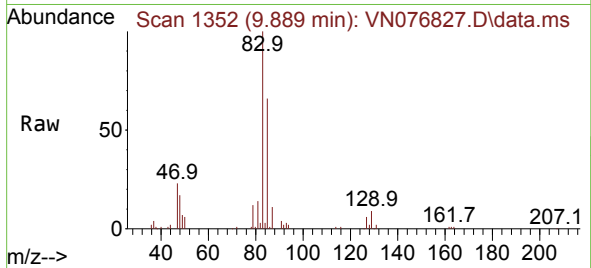




#47
Bromodichloromethane
Concen: 22.374 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

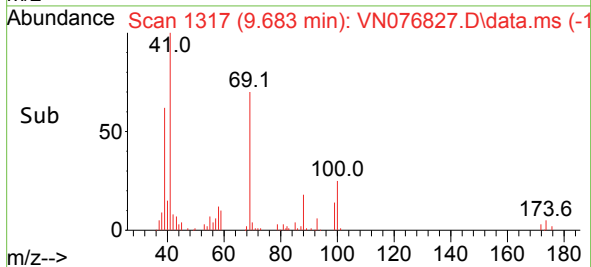
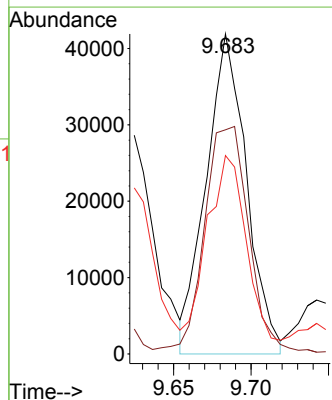
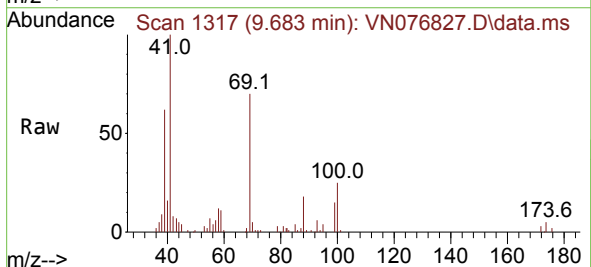
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

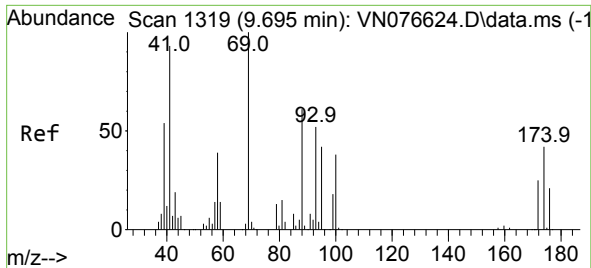
Tgt Ion: 83 Resp: 95341
Ion Ratio Lower Upper
83 100
85 66.5 51.8 77.6
127 5.5 7.9 11.9#



#48
Methyl methacrylate
Concen: 22.843 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 41 Resp: 75897
Ion Ratio Lower Upper
41 100
69 77.1 65.4 98.0
39 63.4 49.3 73.9

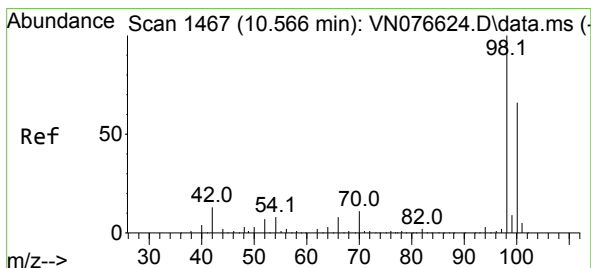
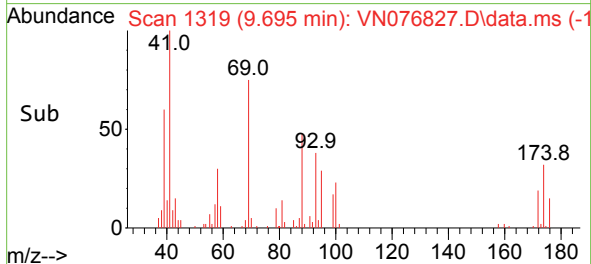
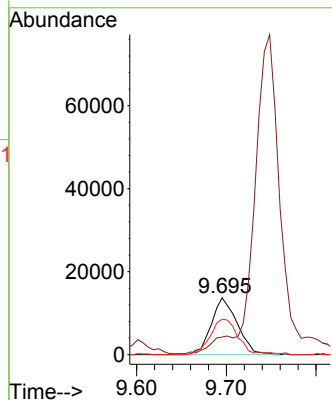
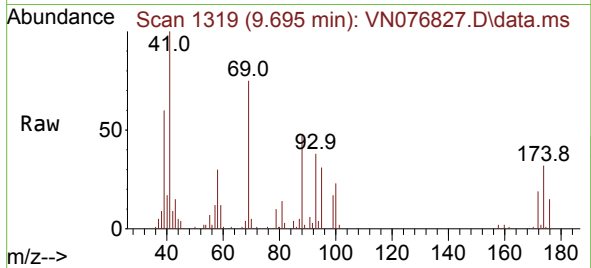




#49
1,4-Dioxane
Concen: 477.820 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

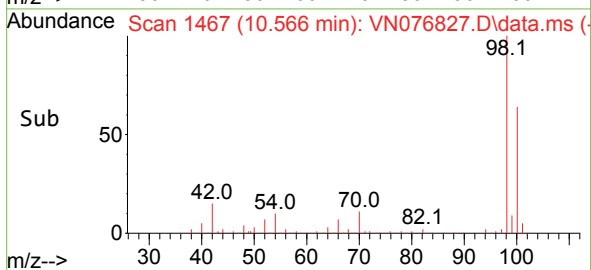
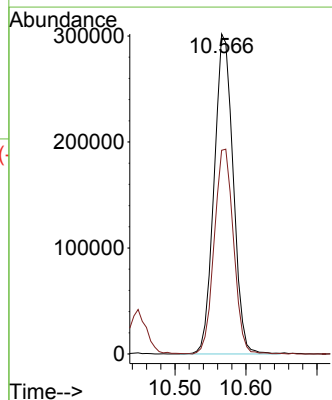
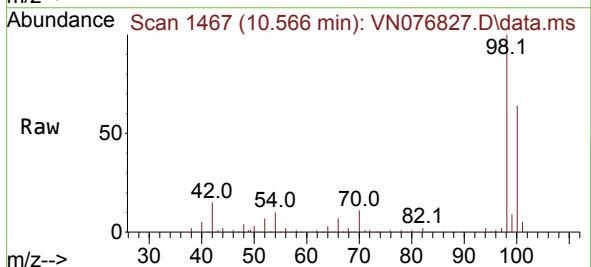
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

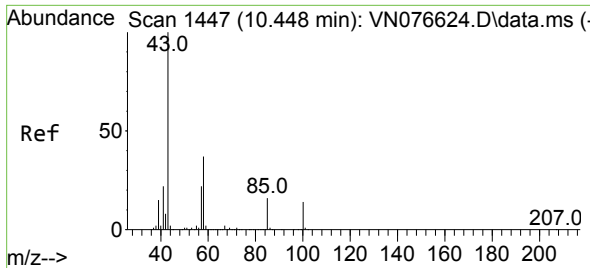
Tgt Ion: 88 Resp: 27462
Ion Ratio Lower Upper
88 100
43 0.0 22.6 33.8#
58 67.9 57.6 86.4



#50
Toluene-d8
Concen: 53.079 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 98 Resp: 561091
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3

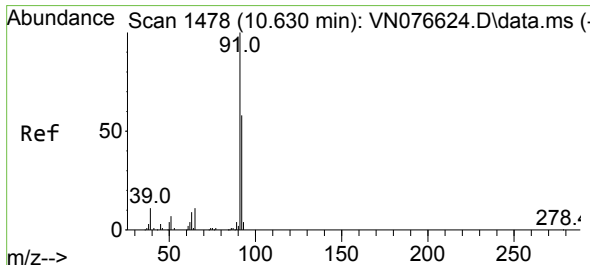
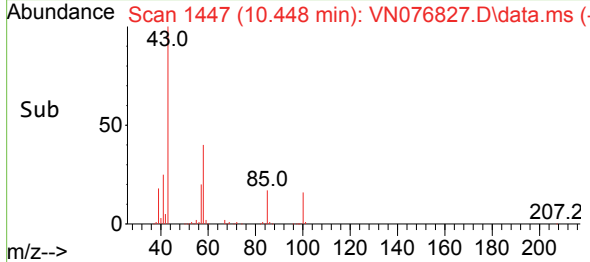
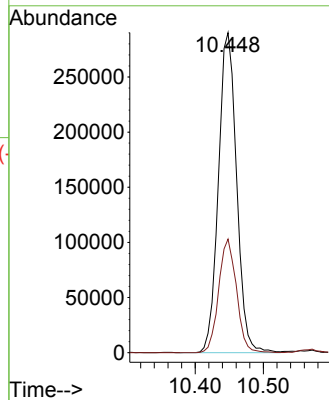
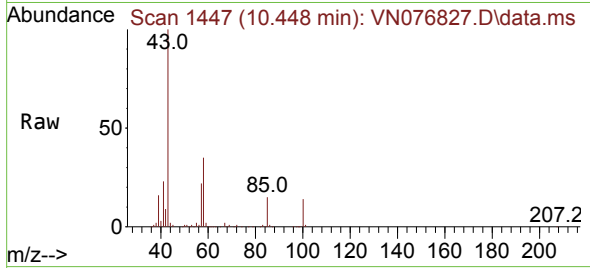




#51
4-Methyl-2-Pentanone
Concen: 121.034 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

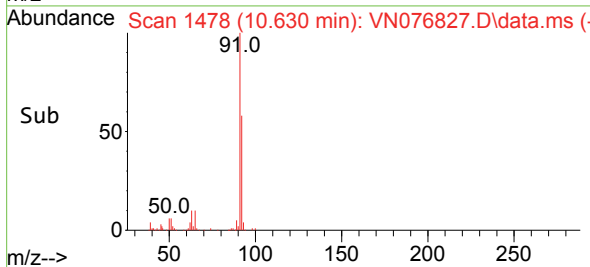
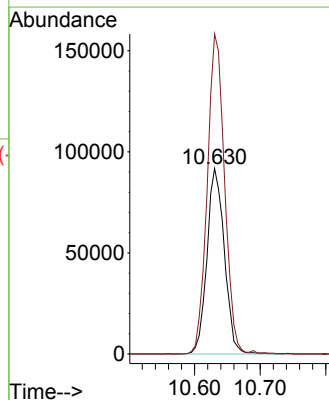
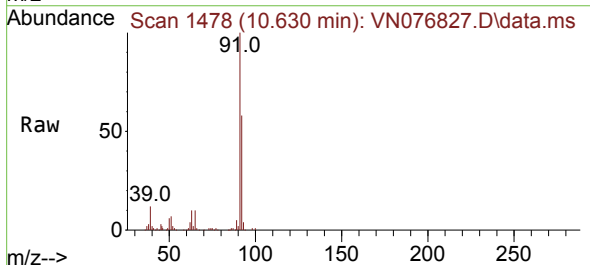
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

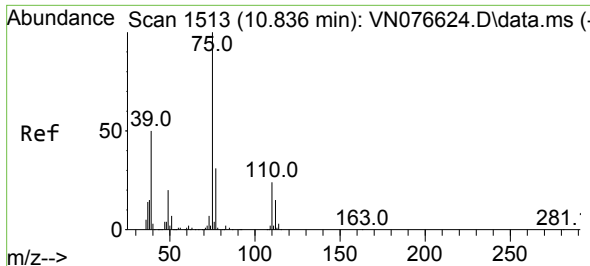
Tgt Ion: 43 Resp: 539190
Ion Ratio Lower Upper
43 100
58 34.8 29.5 44.3



#52
Toluene
Concen: 22.315 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 92 Resp: 169201
Ion Ratio Lower Upper
92 100
91 171.4 138.0 207.0

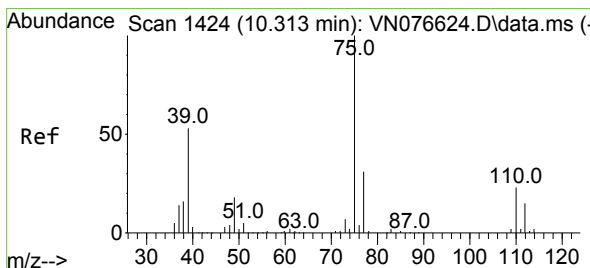
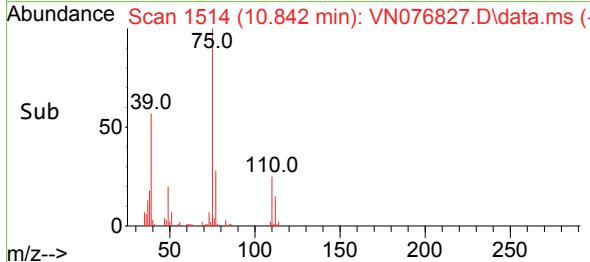
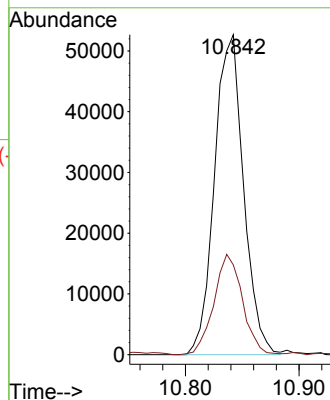
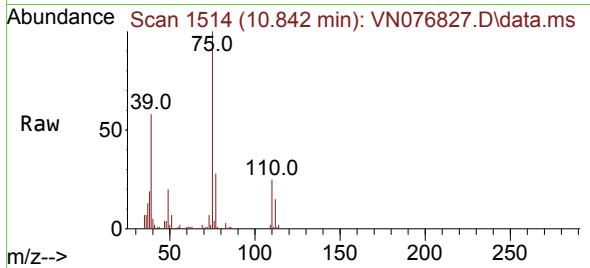




#53
 t-1,3-Dichloropropene
 Concen: 22.750 ug/l
 RT: 10.842 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN076827.D
 Acq: 28 Feb 2023 14:58

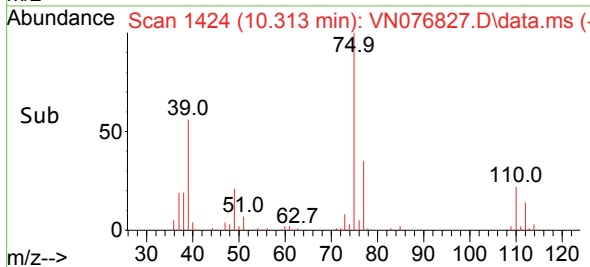
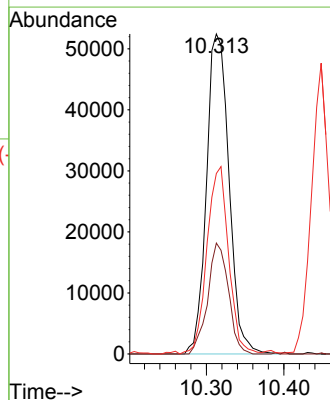
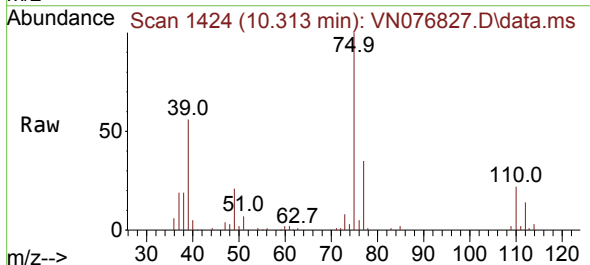
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD01

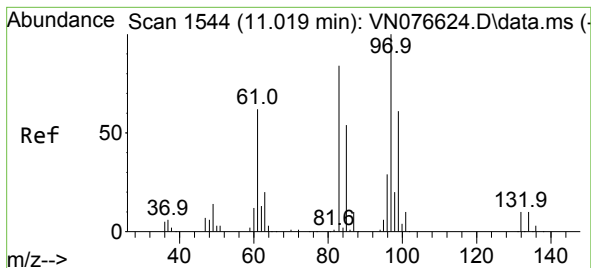
Tgt Ion: 75 Resp: 93571
 Ion Ratio Lower Upper
 75 100
 77 28.0 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 22.296 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN076827.D
 Acq: 28 Feb 2023 14:58

Tgt Ion: 75 Resp: 105777
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.1 37.7
 39 56.1 42.3 63.5





#55

1,1,2-Trichloroethane

Concen: 22.006 ug/l

RT: 11.013 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

Tgt Ion: 97 Resp: 67851

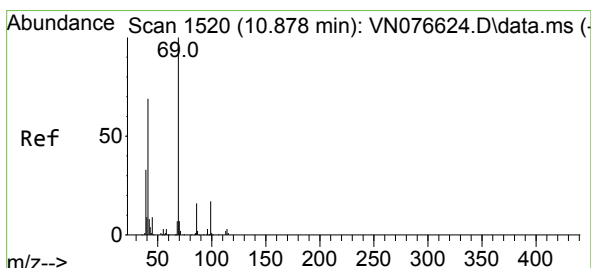
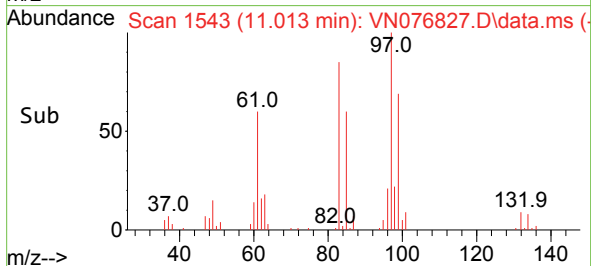
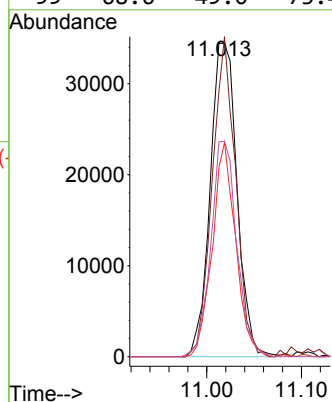
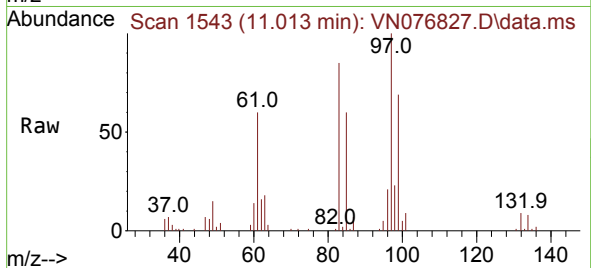
Ion Ratio Lower Upper

97 100

83 84.5 67.3 100.9

85 60.3 43.2 64.8

99 68.6 49.0 73.4



#56

Ethyl methacrylate

Concen: 23.338 ug/l

RT: 10.878 min Scan# 1520

Delta R.T. -0.001 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

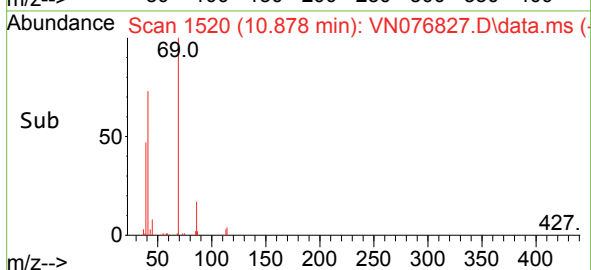
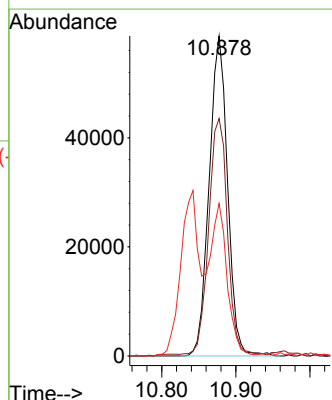
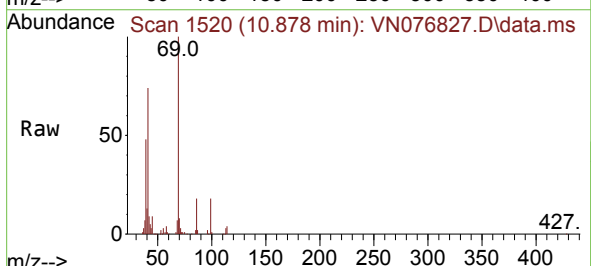
Tgt Ion: 69 Resp: 101284

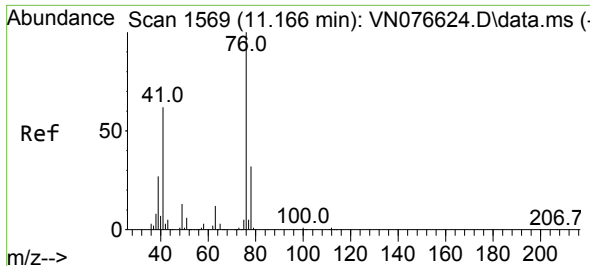
Ion Ratio Lower Upper

69 100

41 77.1 55.1 82.7

39 40.4 30.7 46.1





#57

1,3-Dichloropropane

Concen: 22.792 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

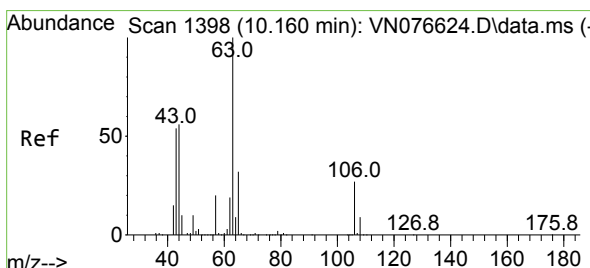
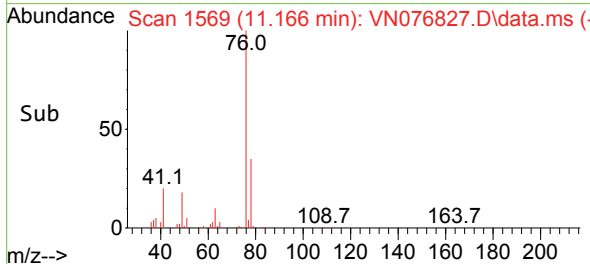
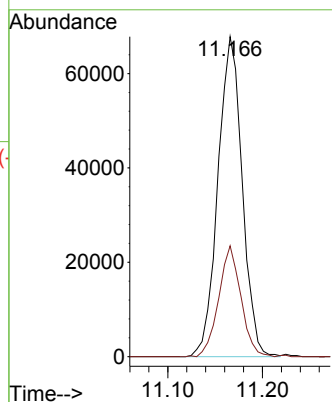
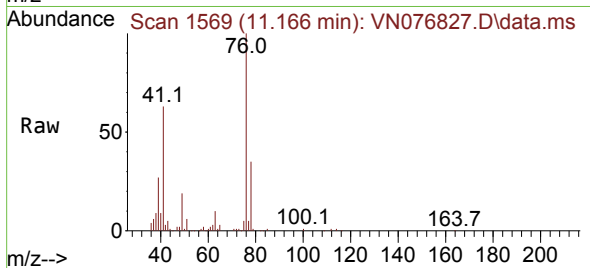
VN0228WBSD01

Tgt Ion: 76 Resp: 120731

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 105.468 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076827.D

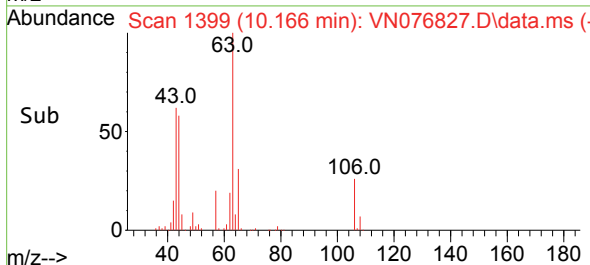
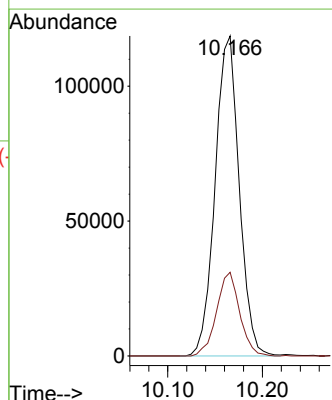
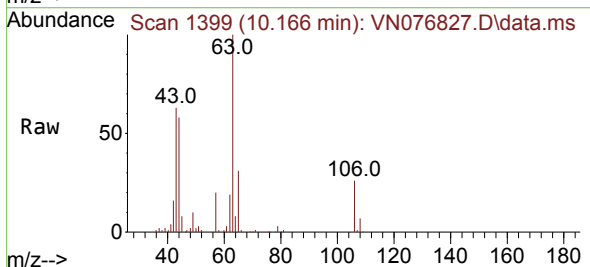
Acq: 28 Feb 2023 14:58

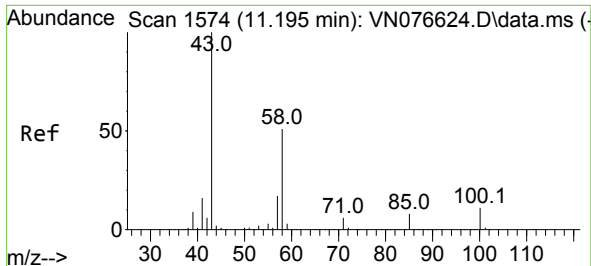
Tgt Ion: 63 Resp: 209627

Ion Ratio Lower Upper

63 100

106 25.1 22.3 33.5

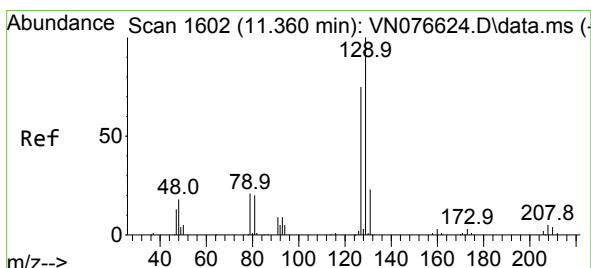
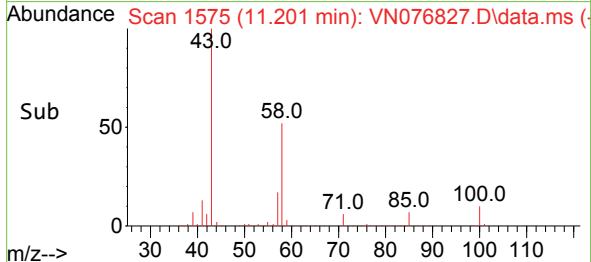
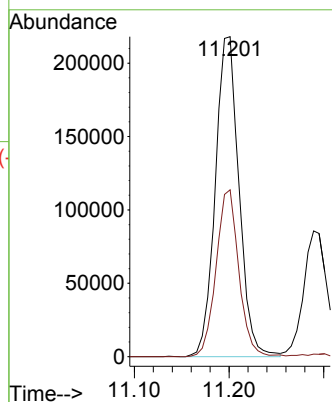
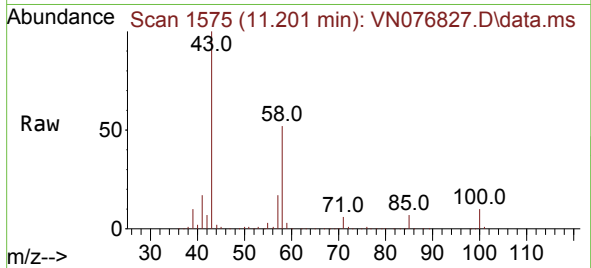




#59
2-Hexanone
Concen: 118.021 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

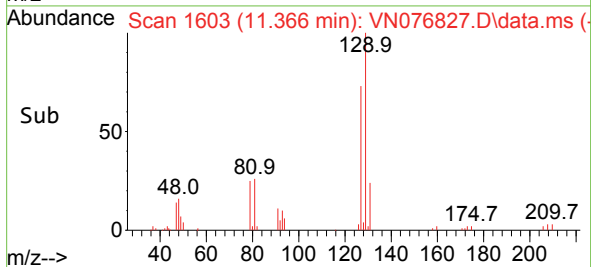
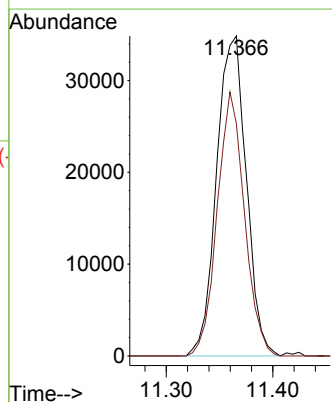
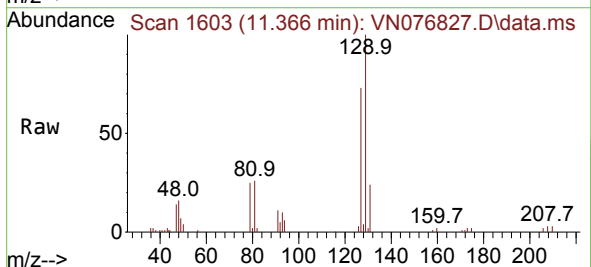
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

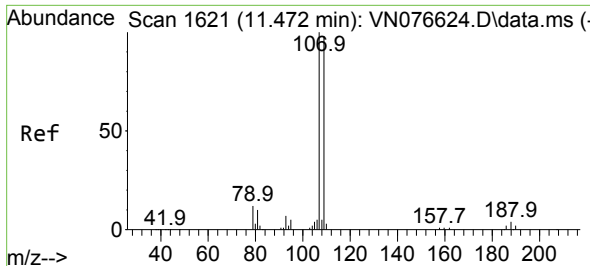
Tgt Ion: 43 Resp: 379099
Ion Ratio Lower Upper
43 100
58 50.1 25.4 76.0



#60
Dibromochloromethane
Concen: 20.765 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 129 Resp: 67477
Ion Ratio Lower Upper
129 100
127 75.7 38.8 116.4

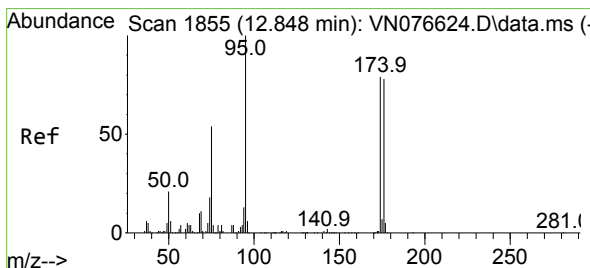
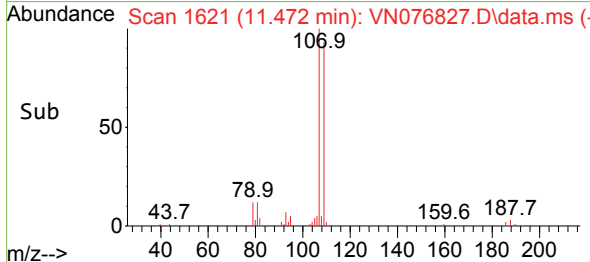
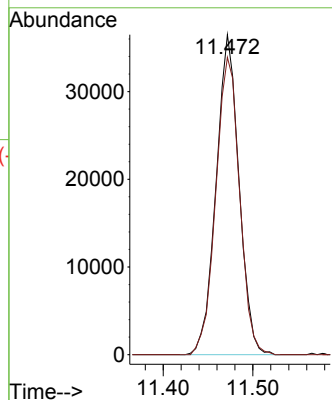
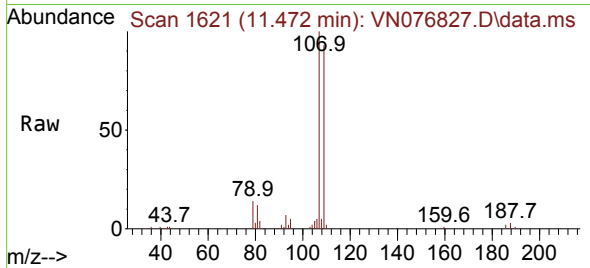




#61
1,2-Dibromoethane
Concen: 20.945 ug/l
RT: 11.472 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

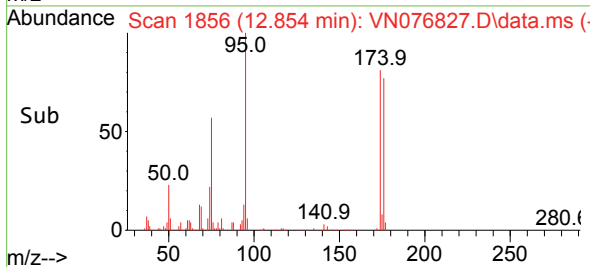
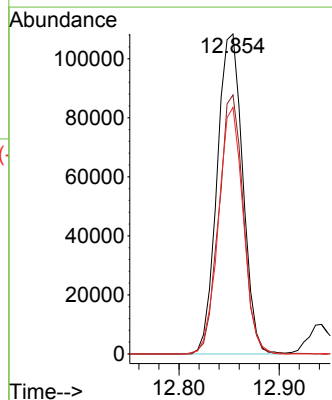
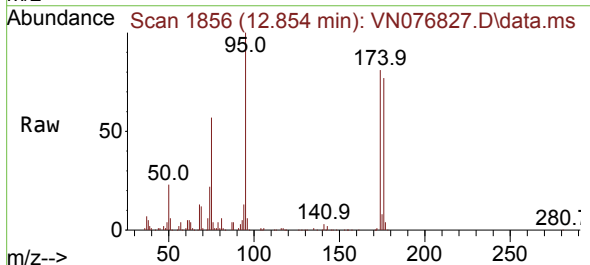
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

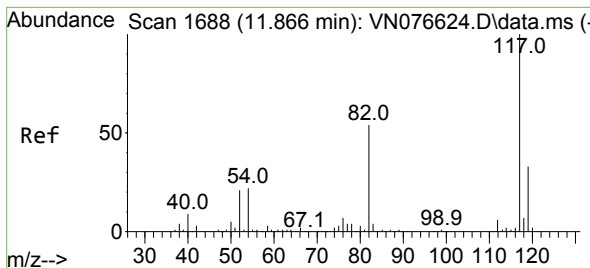
Tgt Ion:107 Resp: 64640
Ion Ratio Lower Upper
107 100
109 96.5 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 54.996 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 95 Resp: 192548
Ion Ratio Lower Upper
95 100
174 77.1 0.0 169.2
176 74.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

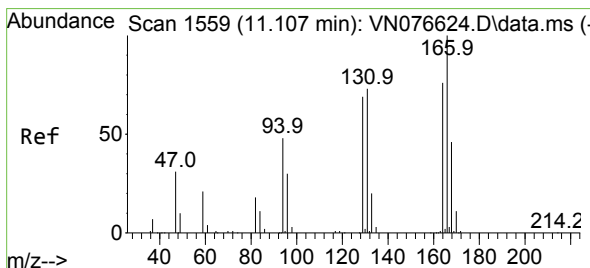
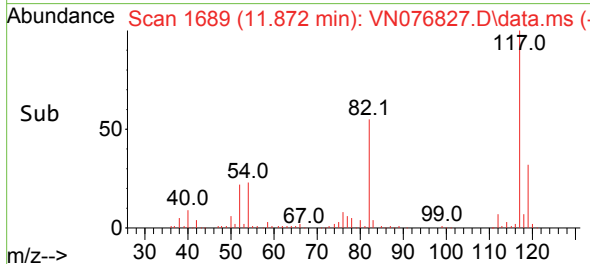
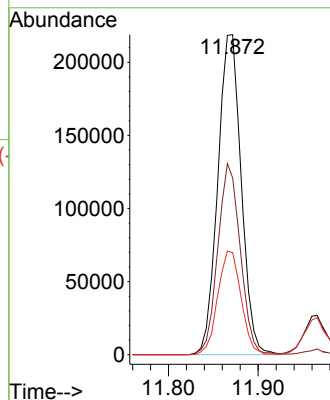
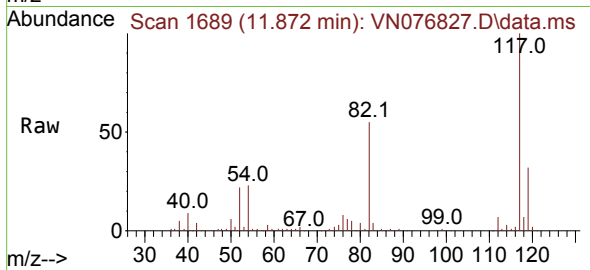
Tgt Ion:117 Resp: 397369

Ion Ratio Lower Upper

117 100

82 55.2 43.4 65.2

119 31.9 26.1 39.1



#64

Tetrachloroethene

Concen: 19.481 ug/l

RT: 11.101 min Scan# 1558

Delta R.T. -0.006 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Tgt Ion:164 Resp: 48785

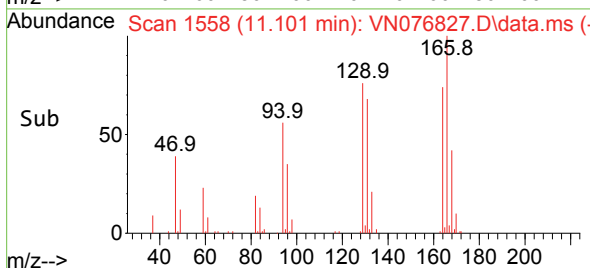
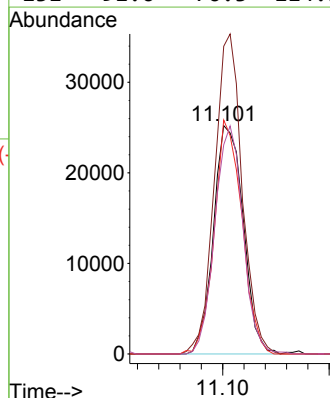
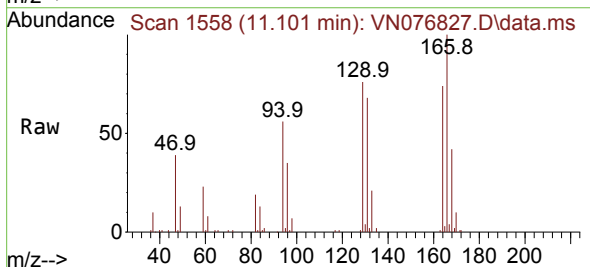
Ion Ratio Lower Upper

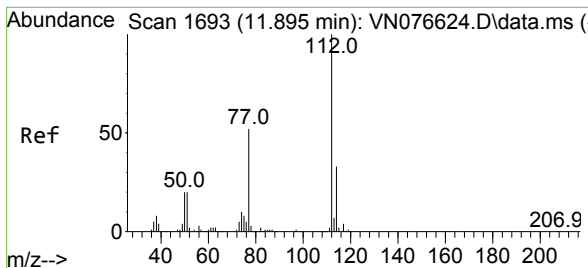
164 100

166 134.7 104.8 157.2

129 102.4 72.2 108.2

131 91.6 76.3 114.5

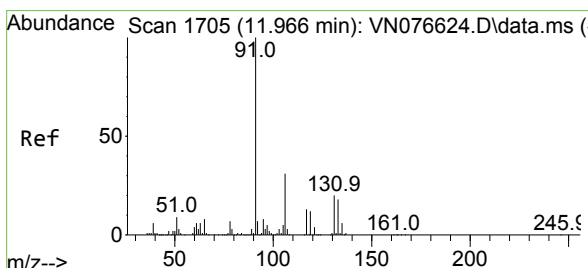
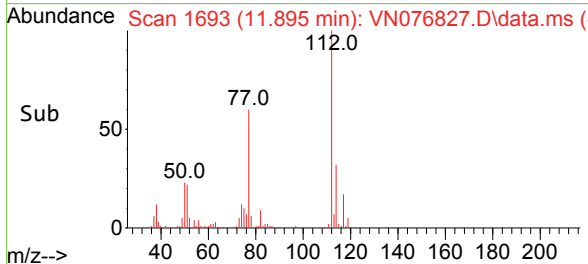
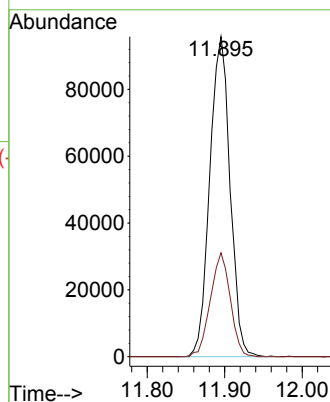
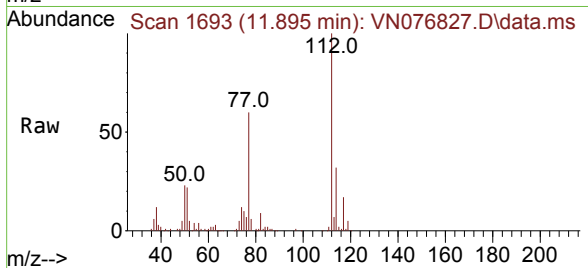




#65
Chlorobenzene
Concen: 20.677 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

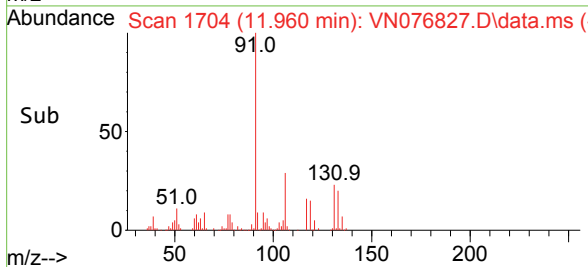
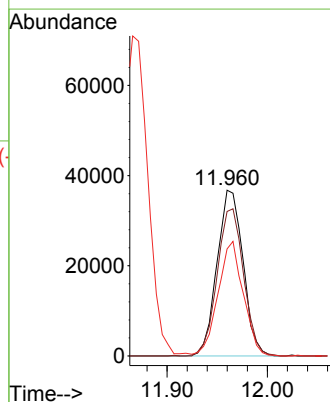
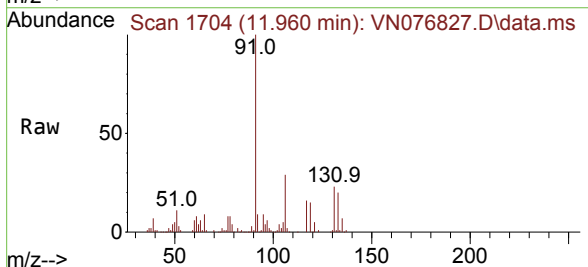
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

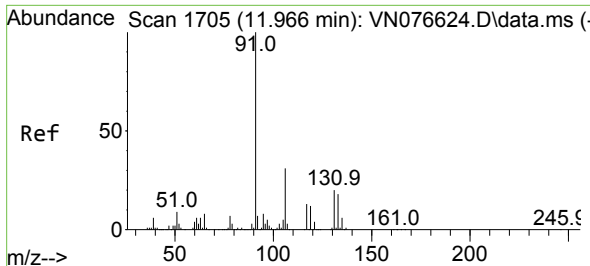
Tgt Ion:112 Resp: 174130
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.575 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion:131 Resp: 65996
Ion Ratio Lower Upper
131 100
133 90.7 47.0 141.0
119 67.3 32.3 96.8

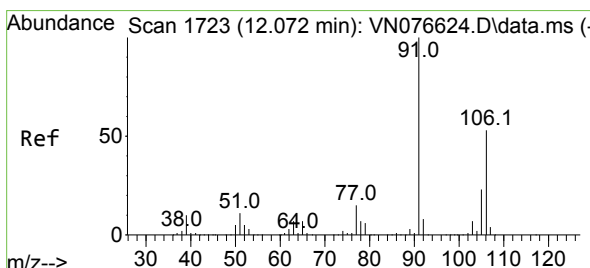
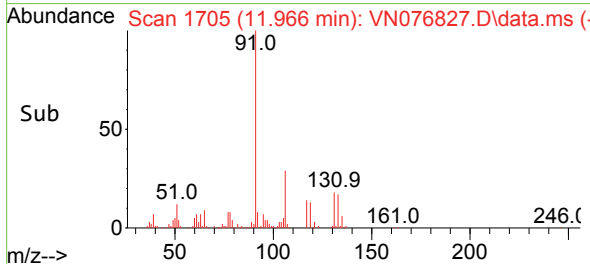
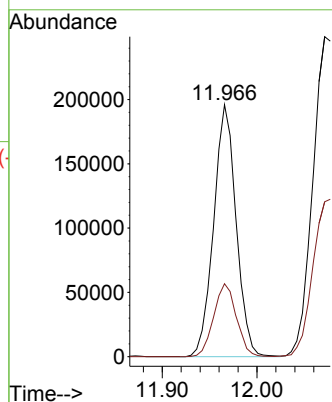
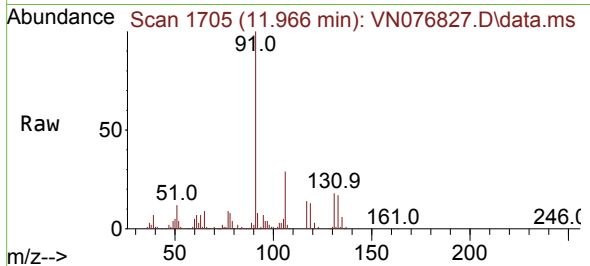




#67
Ethyl Benzene
Concen: 22.480 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

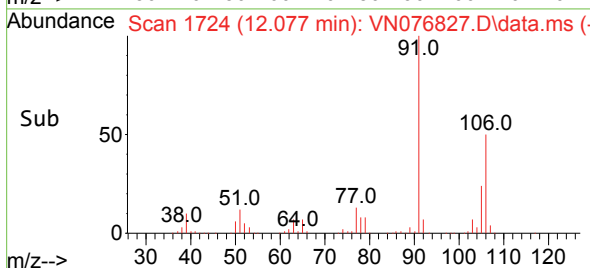
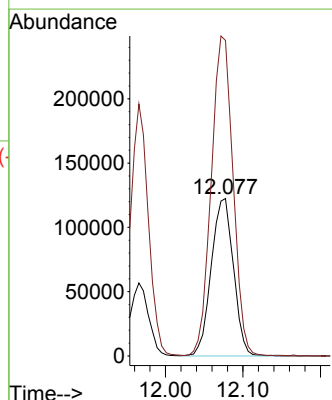
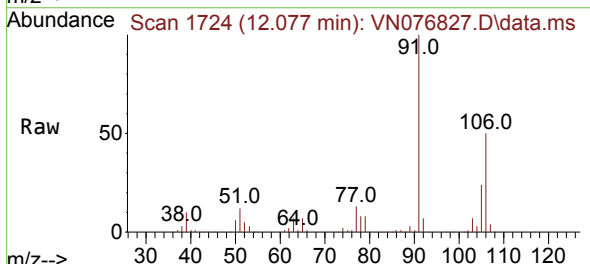
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

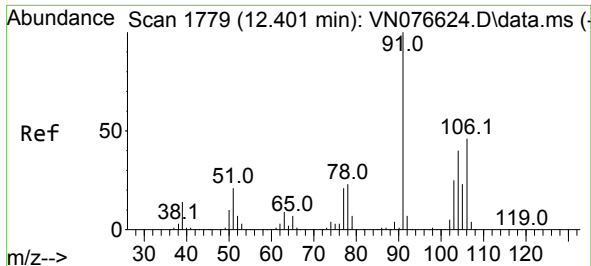
Tgt Ion: 91 Resp: 322518
Ion Ratio Lower Upper
91 100
106 29.0 25.1 37.7



#68
m/p-Xylenes
Concen: 44.064 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 106 Resp: 243684
Ion Ratio Lower Upper
106 100
91 199.0 154.7 232.1

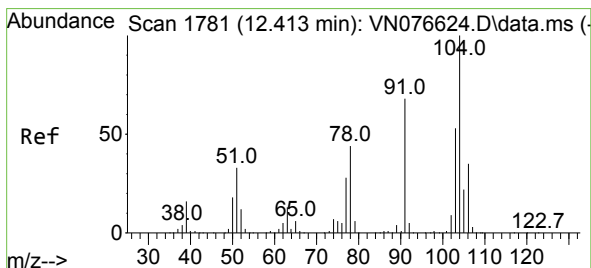
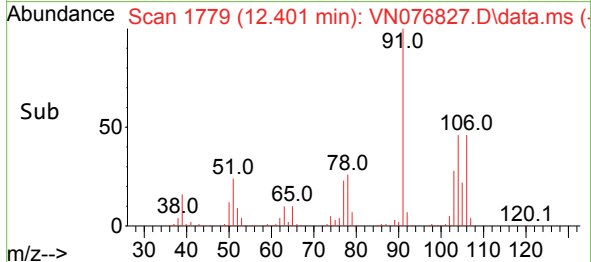
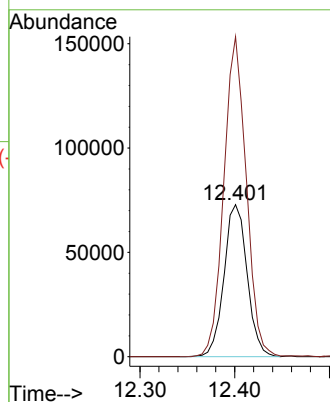
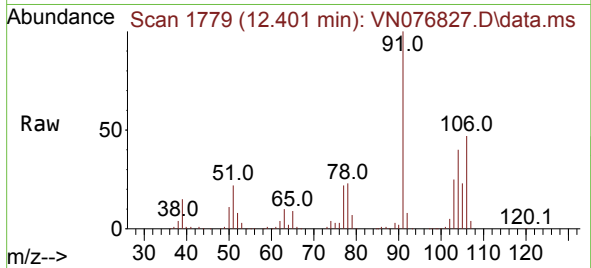




#69
o-Xylene
Concen: 22.920 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

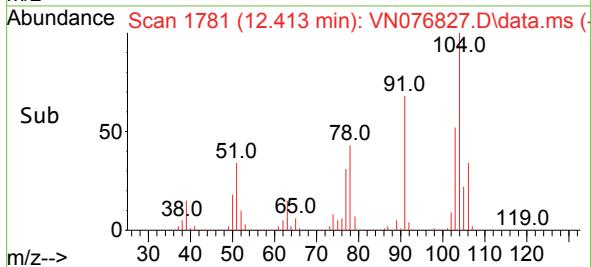
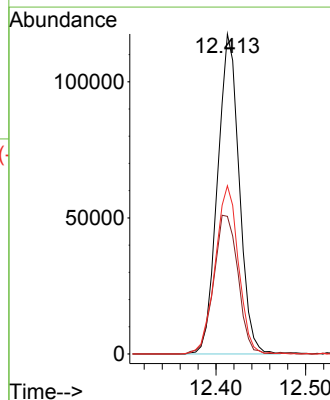
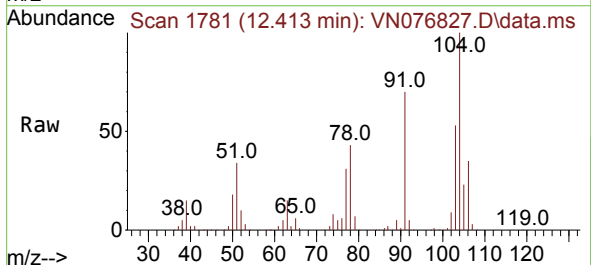
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

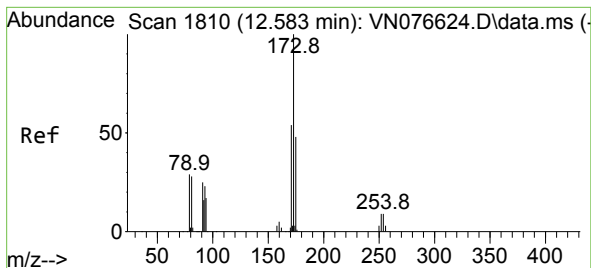
Tgt Ion:106 Resp: 123619
Ion Ratio Lower Upper
106 100
91 204.1 105.8 317.4



#70
Styrene
Concen: 22.589 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion:104 Resp: 197018
Ion Ratio Lower Upper
104 100
78 48.5 38.2 57.4
103 56.4 44.2 66.4





#71

Bromoform

Concen: 21.148 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

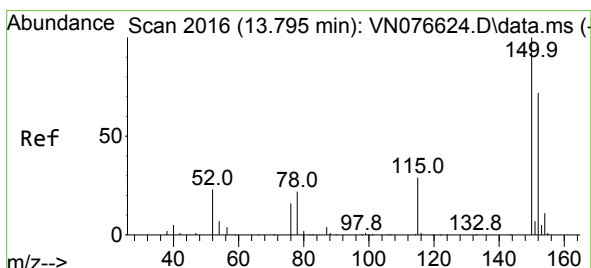
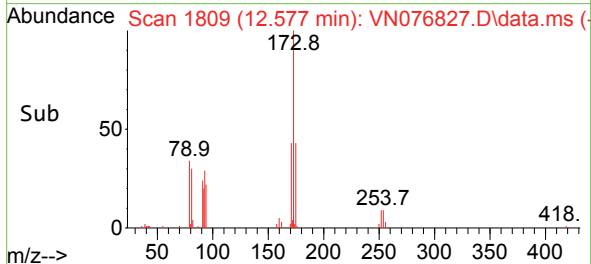
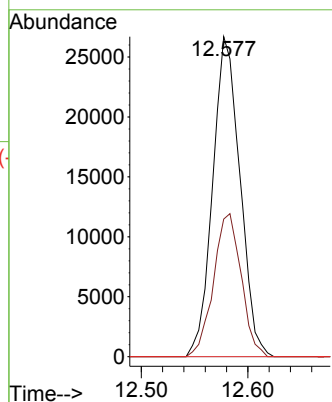
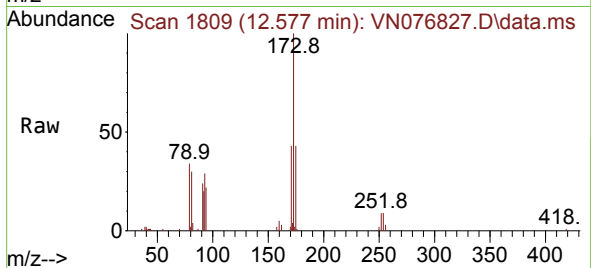
Tgt Ion:173 Resp: 47450

Ion Ratio Lower Upper

173 100

175 45.3 24.9 74.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

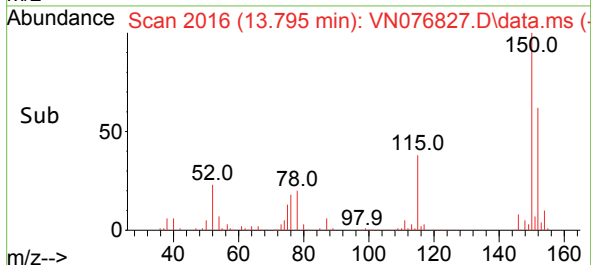
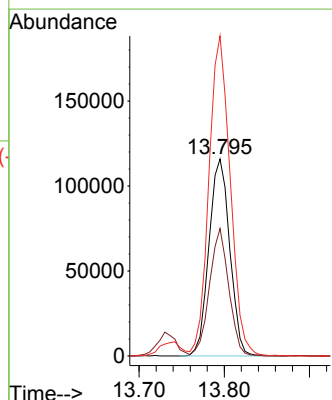
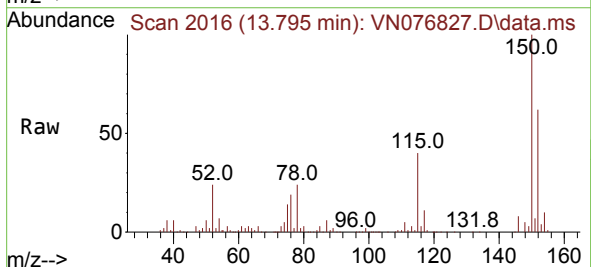
Tgt Ion:152 Resp: 196877

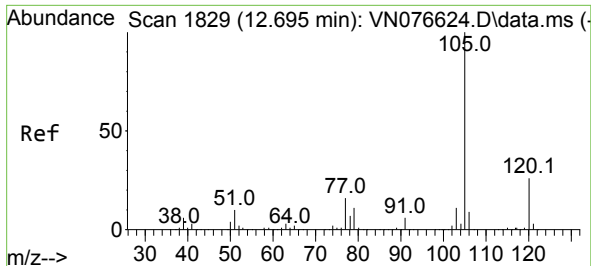
Ion Ratio Lower Upper

152 100

115 60.1 29.3 87.9

150 166.2 0.0 349.8

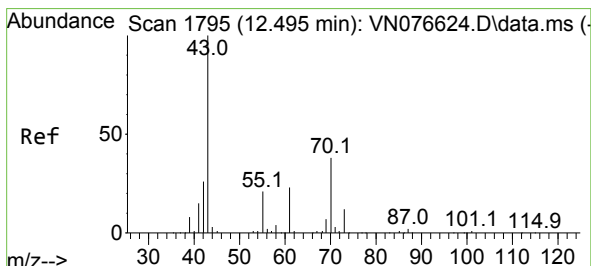
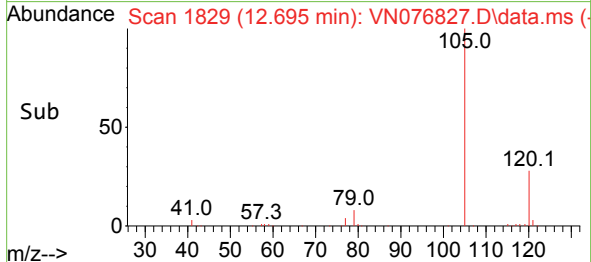
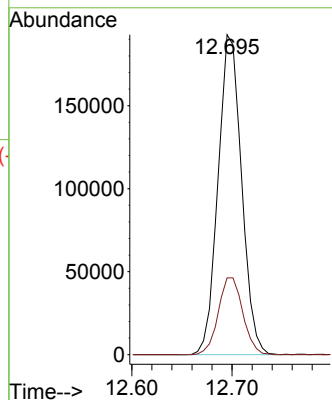
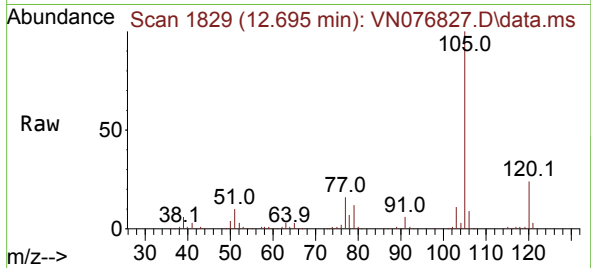




#73
Isopropylbenzene
Concen: 21.752 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

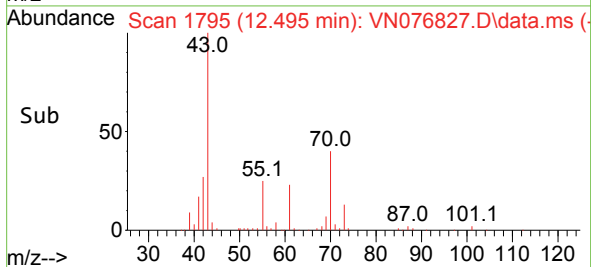
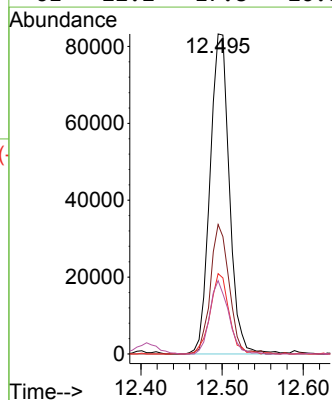
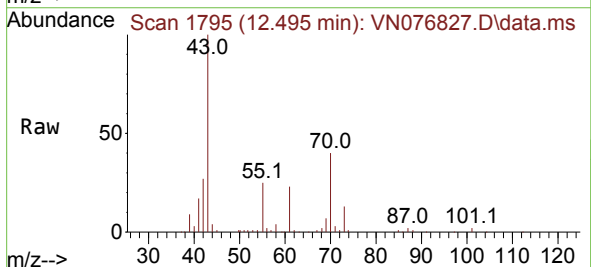
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

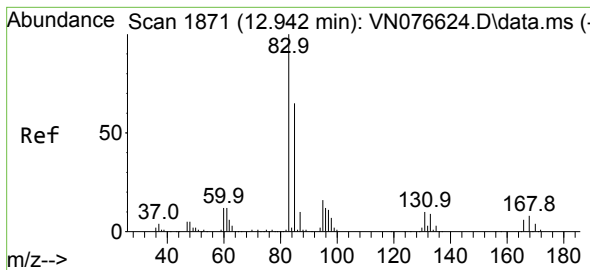
Tgt Ion:105 Resp: 313891
Ion Ratio Lower Upper
105 100
120 25.1 13.7 41.0



#74
N-ethyl acetate
Concen: 21.249 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 43 Resp: 138209
Ion Ratio Lower Upper
43 100
70 39.0 30.5 45.7
55 24.6 17.8 26.8
61 22.2 17.8 26.8

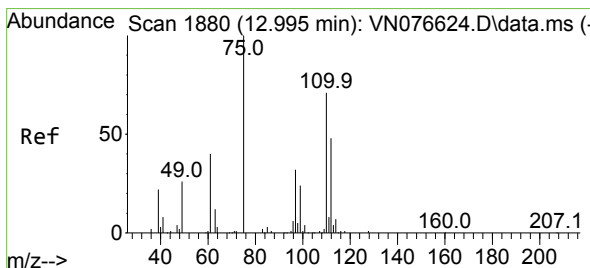
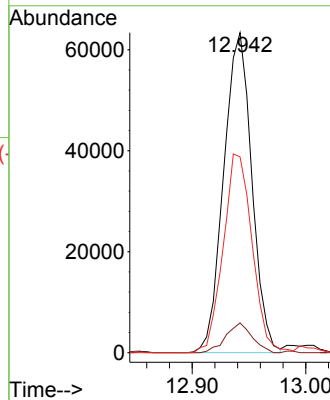
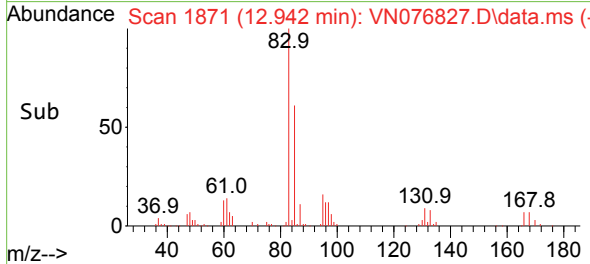
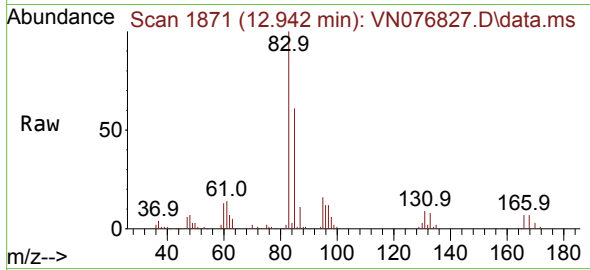




#75
1,1,2,2-Tetrachloroethane
Concen: 20.859 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

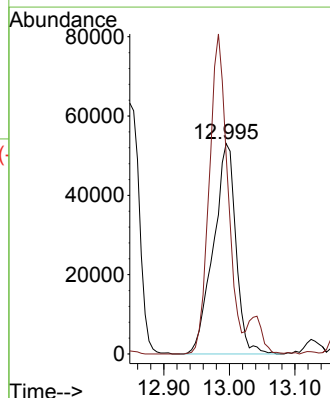
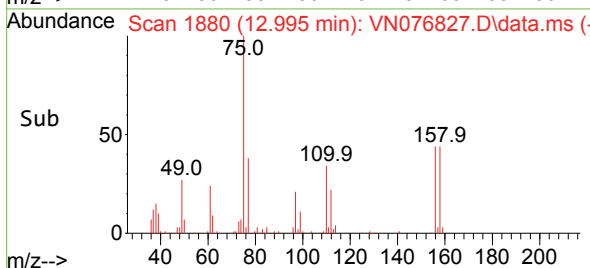
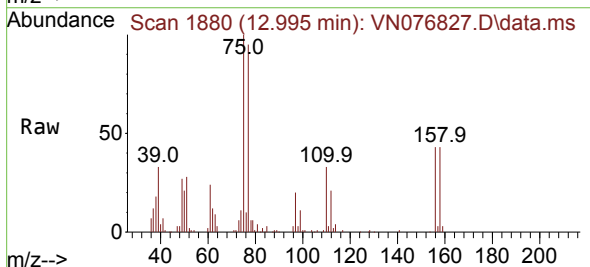
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

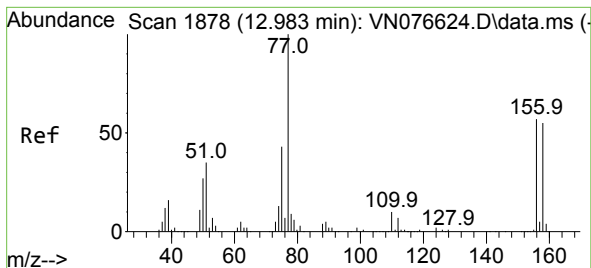
Tgt Ion: 83 Resp: 108954
Ion Ratio Lower Upper
83 100
131 8.7 5.0 15.0
85 64.0 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 31.755 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 75 Resp: 126393
Ion Ratio Lower Upper
75 100
77 124.1 93.1 279.3





#77

Bromobenzene

Concen: 19.850 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

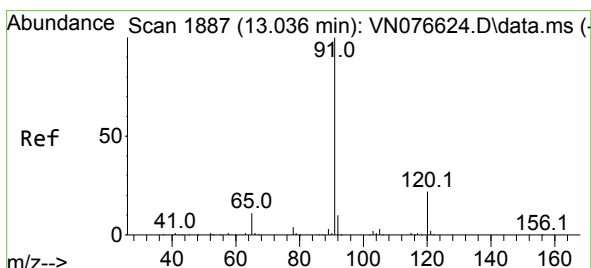
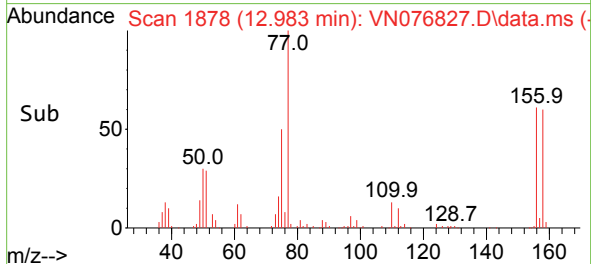
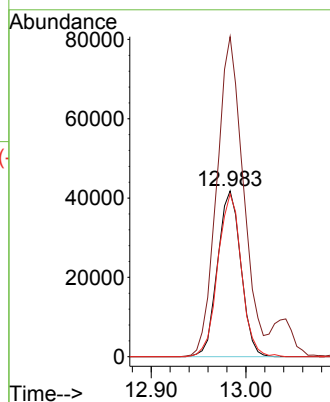
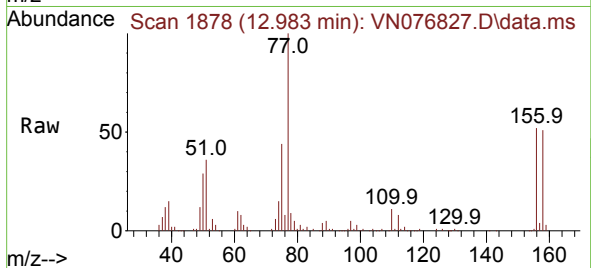
Tgt Ion:156 Resp: 71465

Ion Ratio Lower Upper

156 100

77 219.4 102.8 308.4

158 99.4 48.9 146.6



#78

n-propylbenzene

Concen: 22.429 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN076827.D

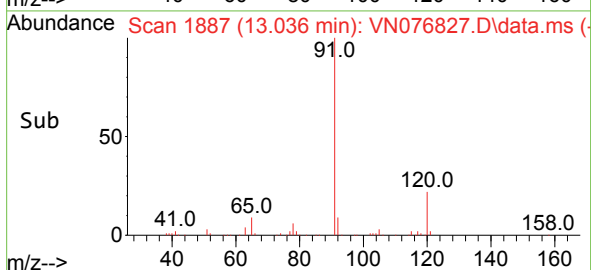
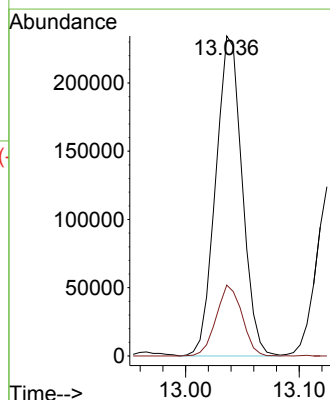
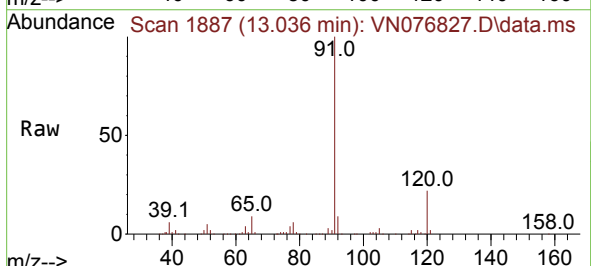
Acq: 28 Feb 2023 14:58

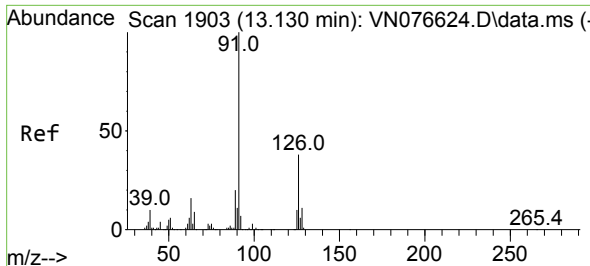
Tgt Ion: 91 Resp: 380063

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.5

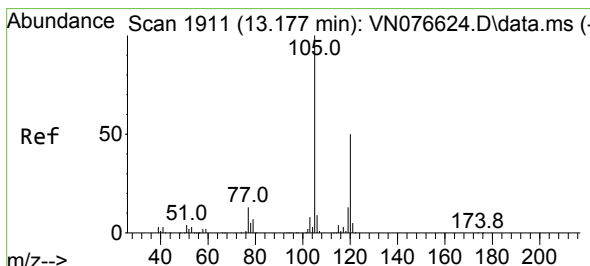
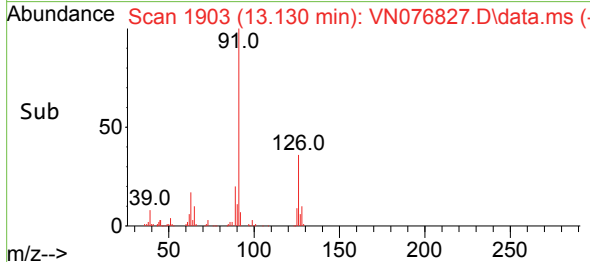
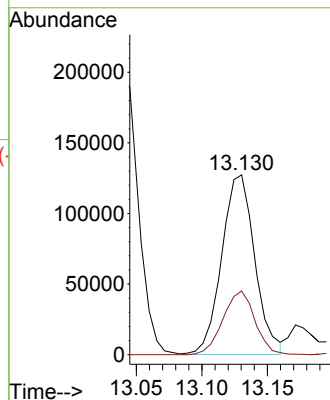
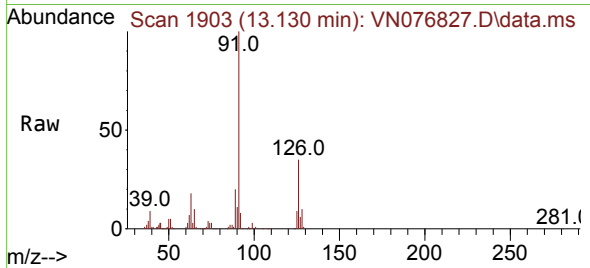




#79
2-Chlorotoluene
Concen: 21.541 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

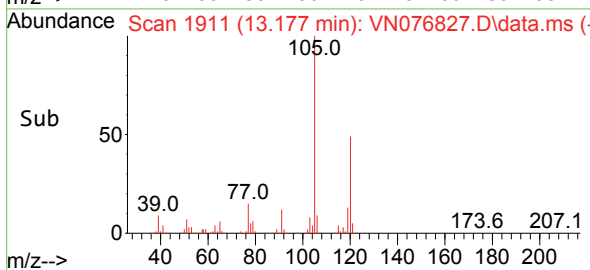
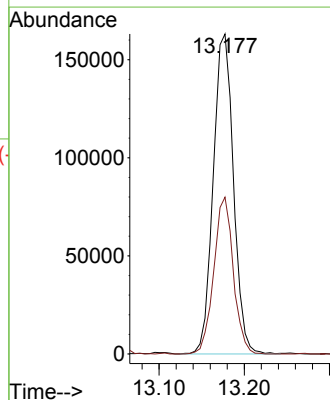
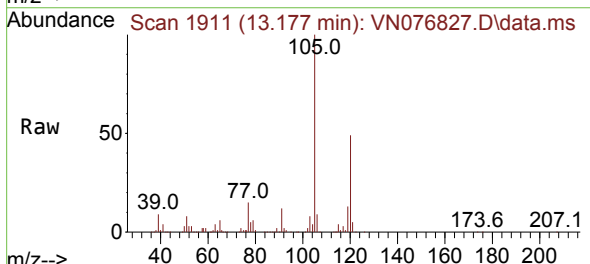
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

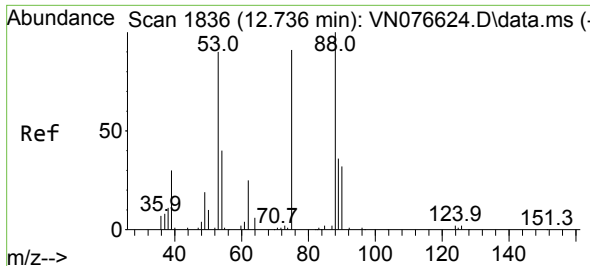
Tgt Ion: 91 Resp: 223489
Ion Ratio Lower Upper
91 100
126 34.2 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 22.558 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 105 Resp: 269019
Ion Ratio Lower Upper
105 100
120 47.3 25.1 75.4

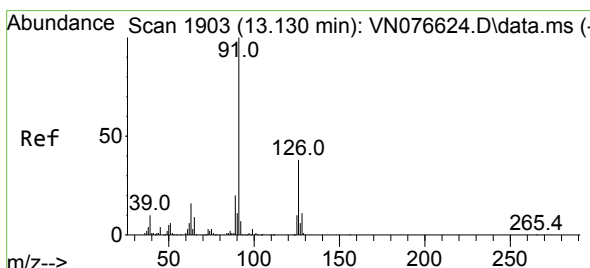
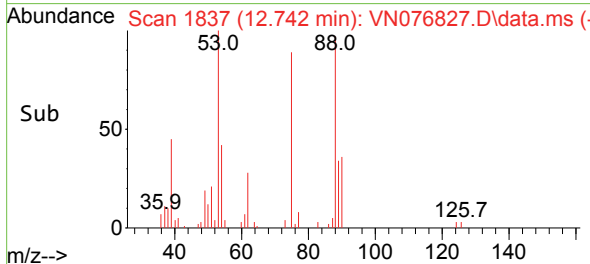
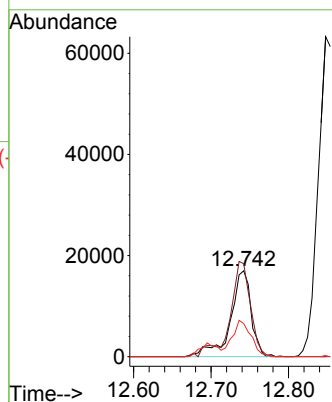
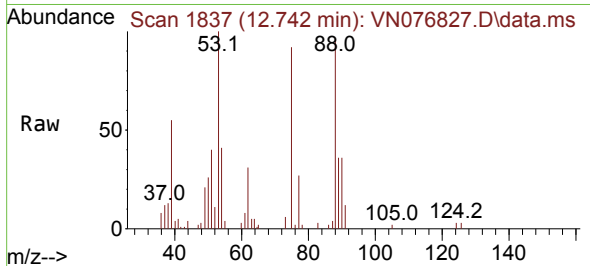




#81
trans-1,4-Dichloro-2-butene
Concen: 23.043 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

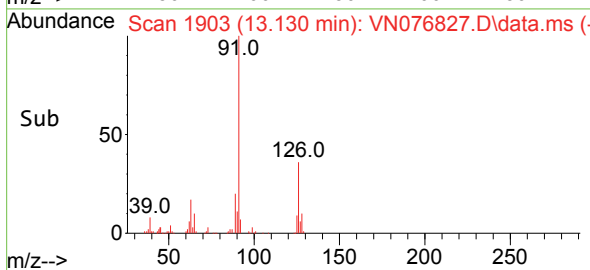
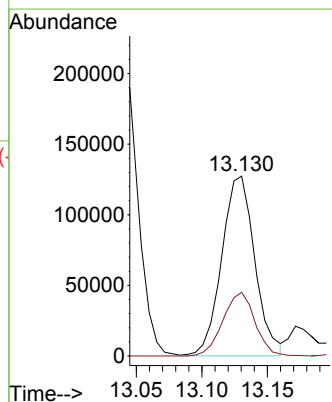
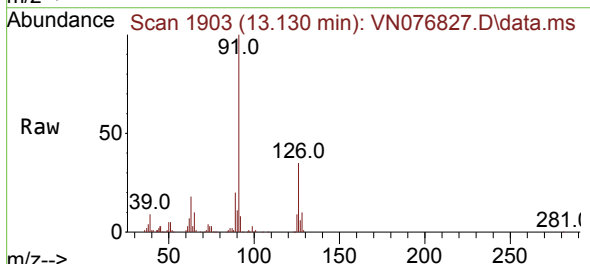
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

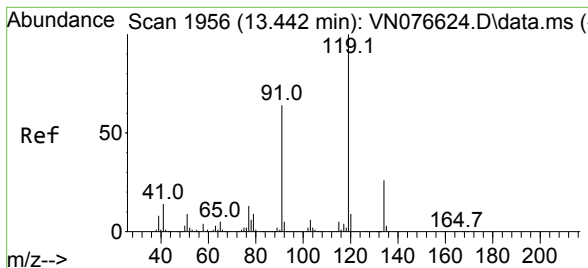
Tgt Ion: 75 Resp: 31490
Ion Ratio Lower Upper
75 100
53 97.3 92.1 138.1
89 38.6 37.5 56.3



#82
4-Chlorotoluene
Concen: 21.541 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 91 Resp: 223489
Ion Ratio Lower Upper
91 100
126 34.2 17.7 53.1





#83

tert-Butylbenzene

Concen: 21.641 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

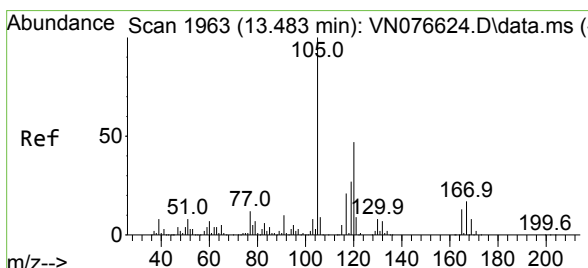
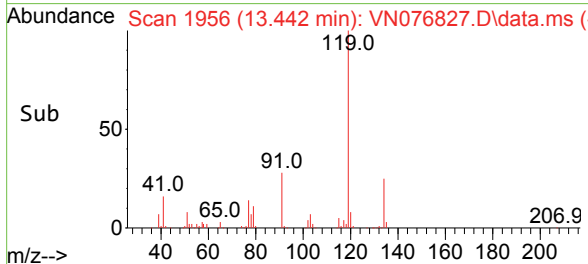
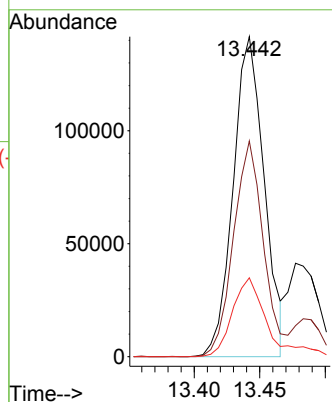
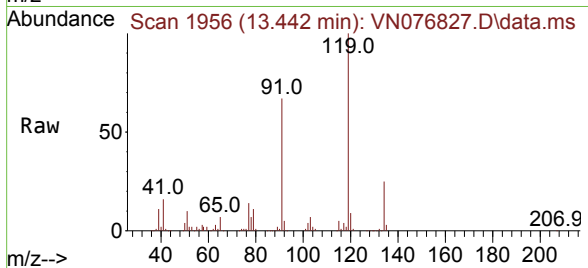
Tgt Ion:119 Resp: 233478

Ion Ratio Lower Upper

119 100

91 65.6 32.0 96.2

134 27.5 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 22.482 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN076827.D

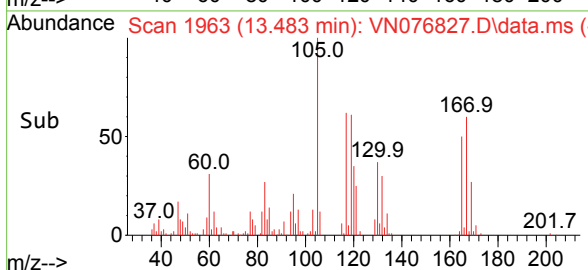
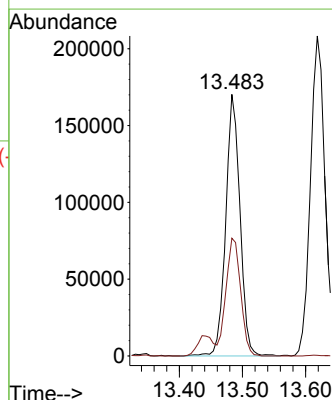
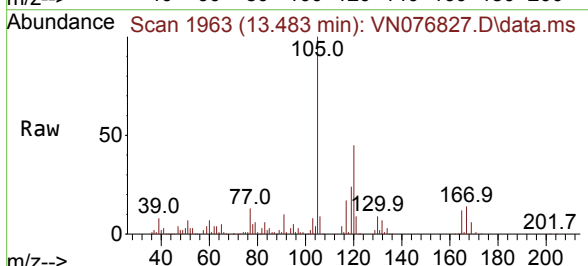
Acq: 28 Feb 2023 14:58

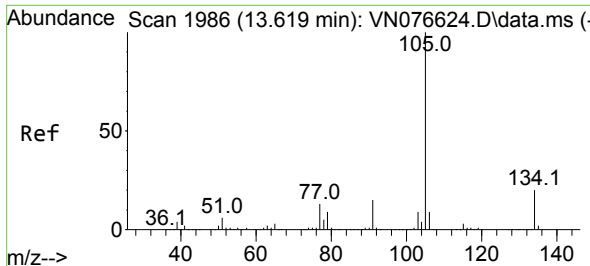
Tgt Ion:105 Resp: 267213

Ion Ratio Lower Upper

105 100

120 46.1 23.0 69.0

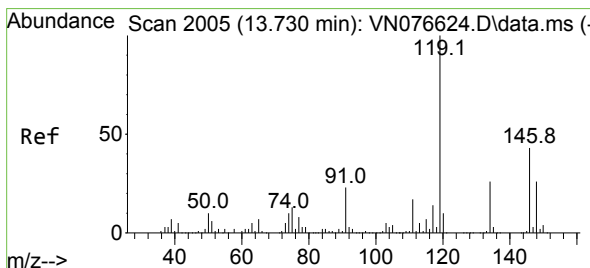
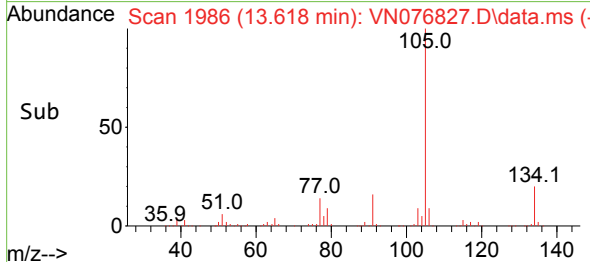
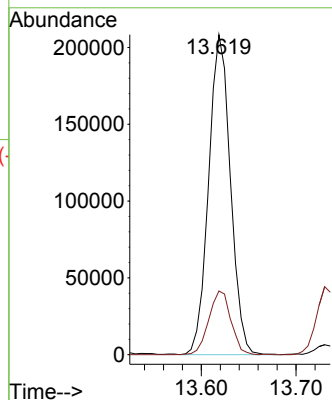
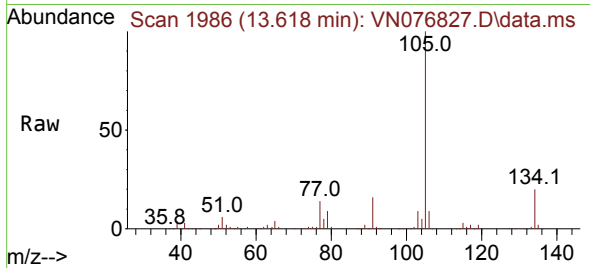




#85
 sec-Butylbenzene
 Concen: 22.096 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076827.D
 Acq: 28 Feb 2023 14:58

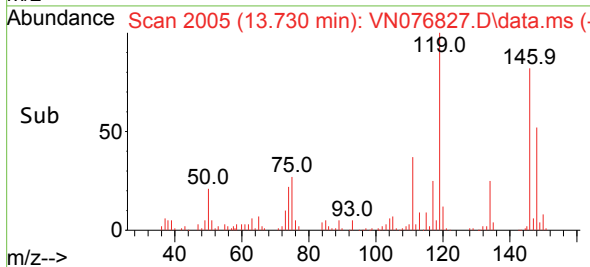
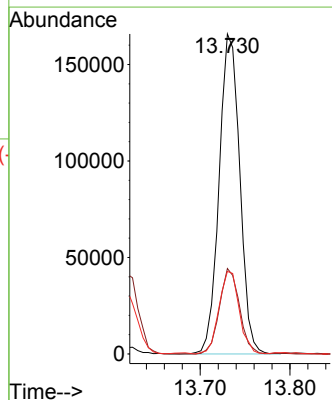
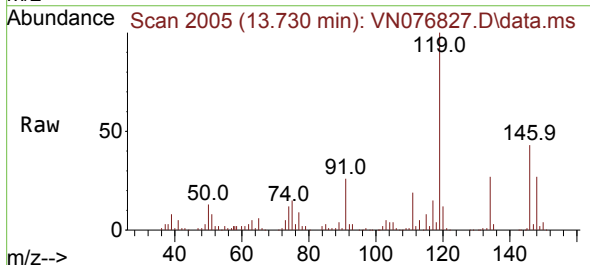
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD01

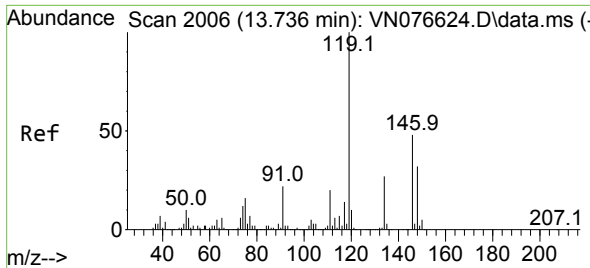
Tgt Ion:105 Resp: 332823
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 22.079 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076827.D
 Acq: 28 Feb 2023 14:58

Tgt Ion:119 Resp: 265557
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.4 40.1
 91 25.3 11.7 35.0

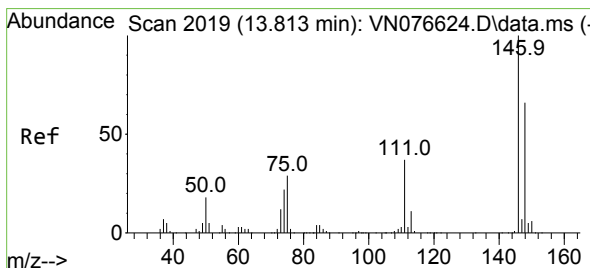
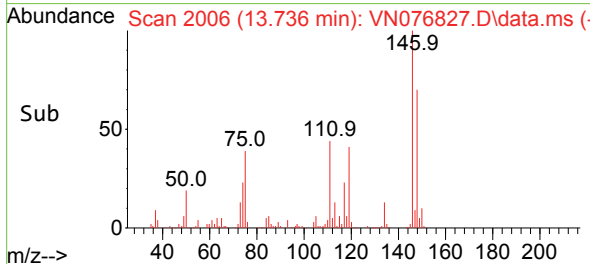
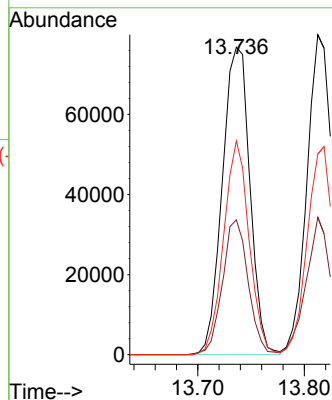
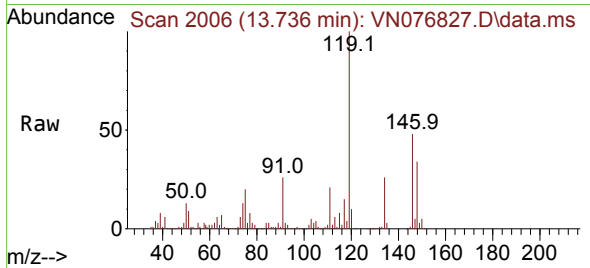




#87
1,3-Dichlorobenzene
Concen: 20.308 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

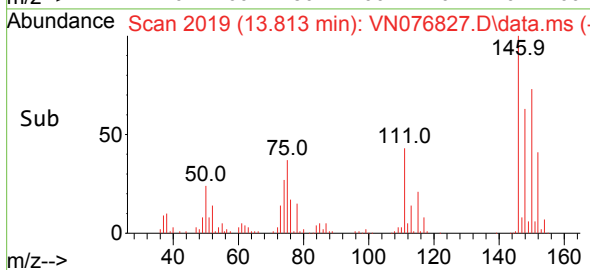
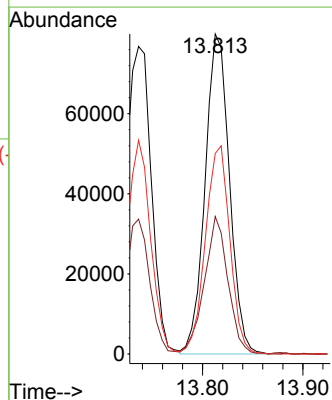
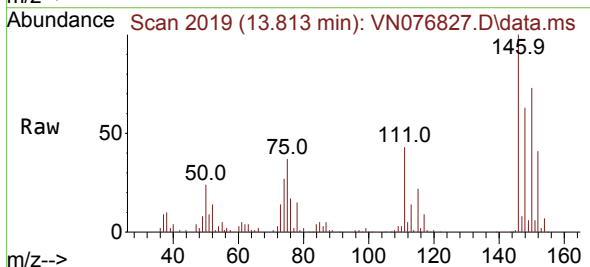
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

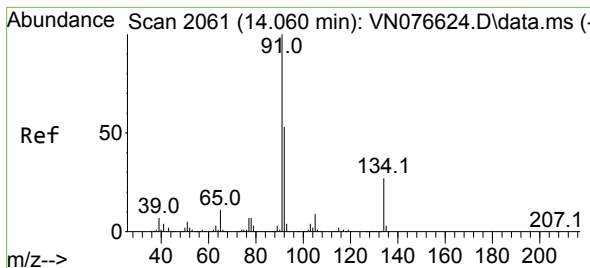
Tgt Ion:146 Resp: 138209
Ion Ratio Lower Upper
146 100
111 40.9 19.8 59.4
148 64.3 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 19.931 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion:146 Resp: 135082
Ion Ratio Lower Upper
146 100
111 41.6 19.4 58.1
148 65.4 32.7 98.1





#89

n-Butylbenzene

Concen: 21.884 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

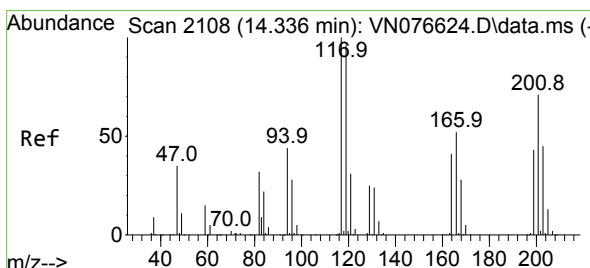
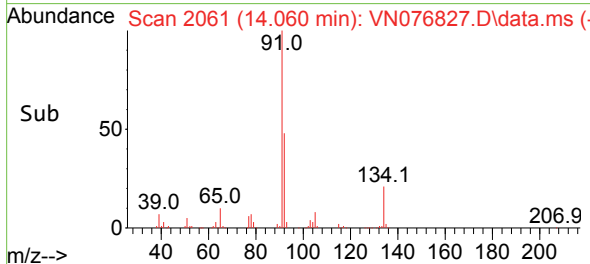
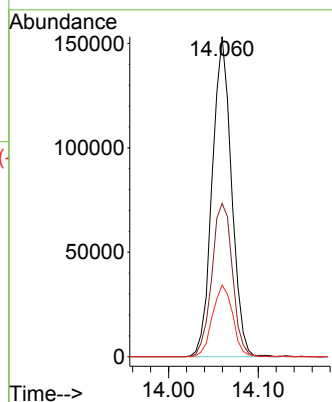
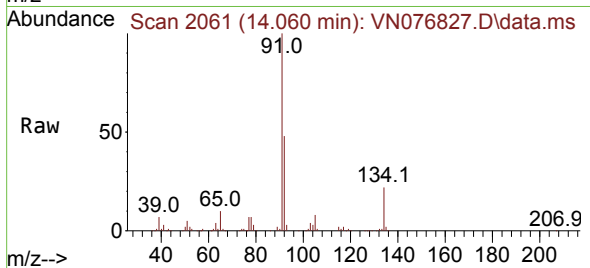
Tgt Ion: 91 Resp: 228931

Ion Ratio Lower Upper

91 100

92 51.0 26.4 79.0

134 23.4 13.2 39.5



#90

Hexachloroethane

Concen: 19.384 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN076827.D

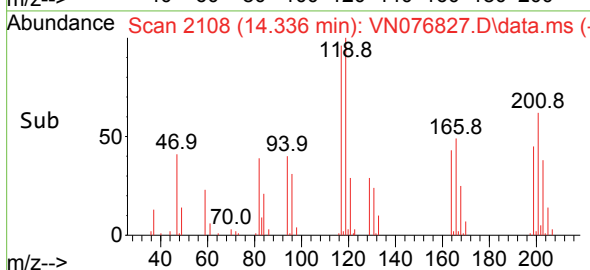
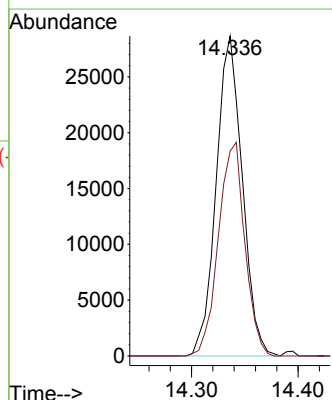
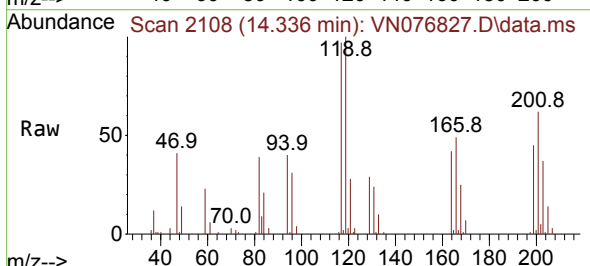
Acq: 28 Feb 2023 14:58

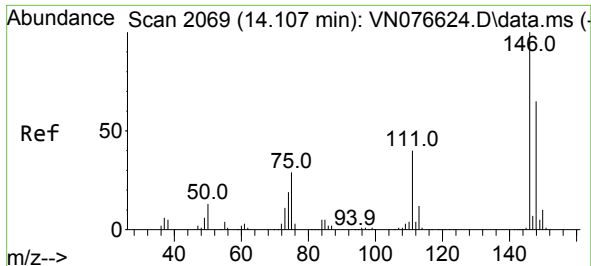
Tgt Ion: 117 Resp: 48818

Ion Ratio Lower Upper

117 100

201 67.4 35.5 106.7

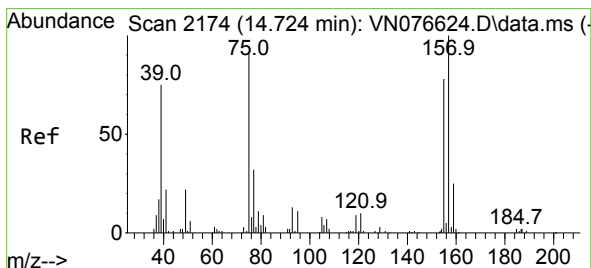
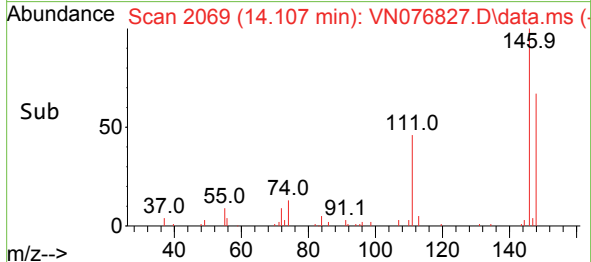
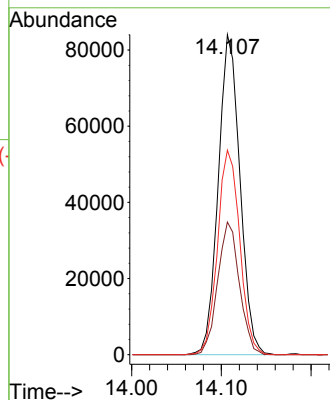
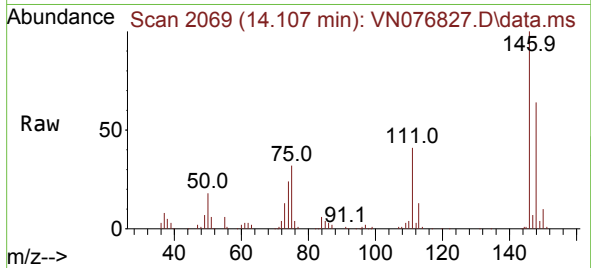




#91
1,2-Dichlorobenzene
Concen: 20.233 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

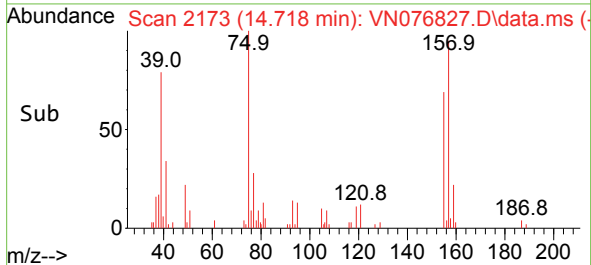
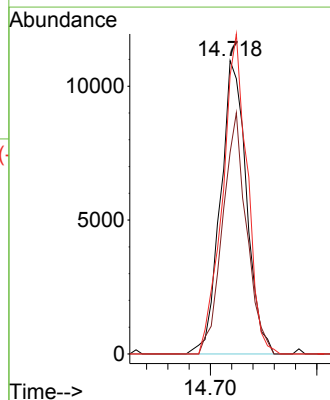
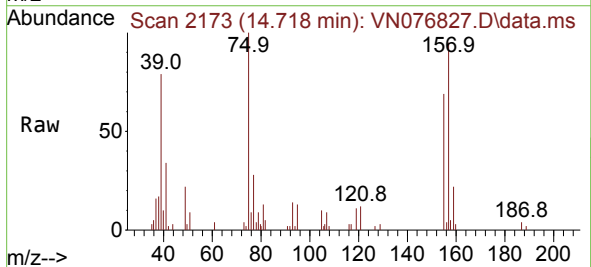
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBSD01

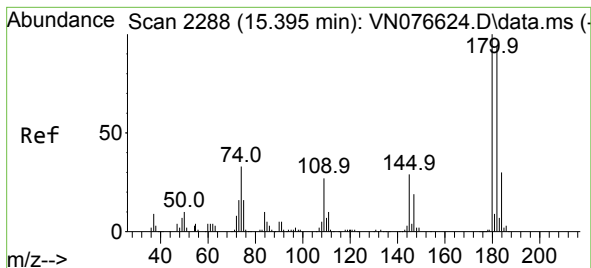
Tgt Ion:146 Resp: 141166
Ion Ratio Lower Upper
146 100
111 41.6 20.0 59.9
148 65.3 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.366 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076827.D
Acq: 28 Feb 2023 14:58

Tgt Ion: 75 Resp: 18586
Ion Ratio Lower Upper
75 100
155 75.9 43.4 130.2
157 103.1 55.2 165.6





#93

1,2,4-Trichlorobenzene

Concen: 18.682 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

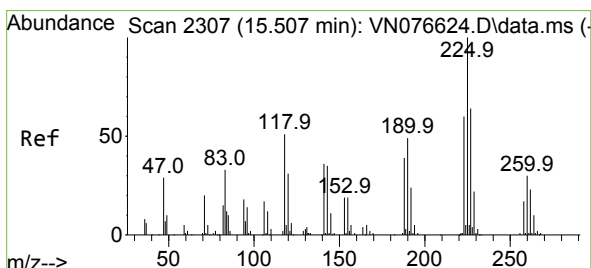
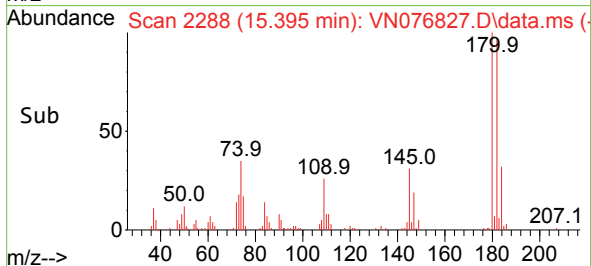
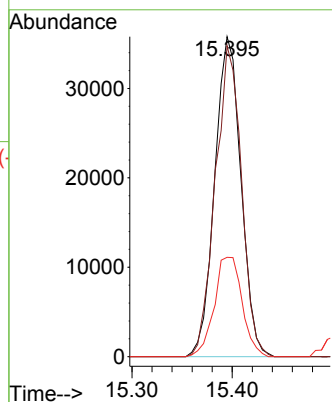
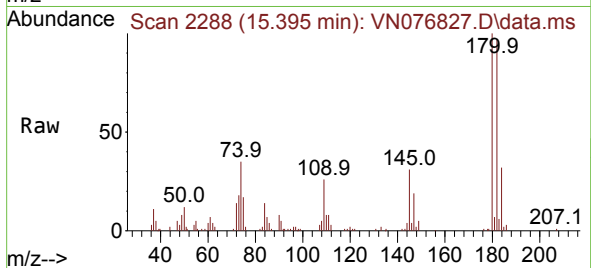
Tgt Ion:180 Resp: 65020

Ion Ratio Lower Upper

180 100

182 96.8 48.0 144.0

145 33.1 15.2 45.6



#94

Hexachlorobutadiene

Concen: 17.496 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

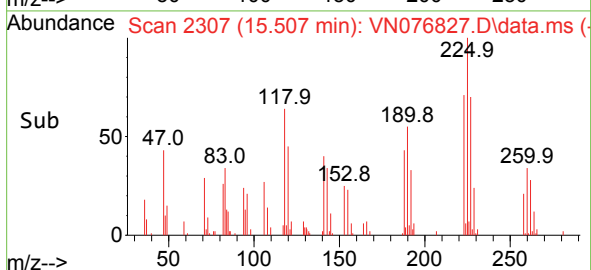
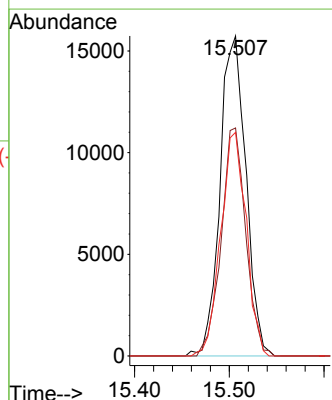
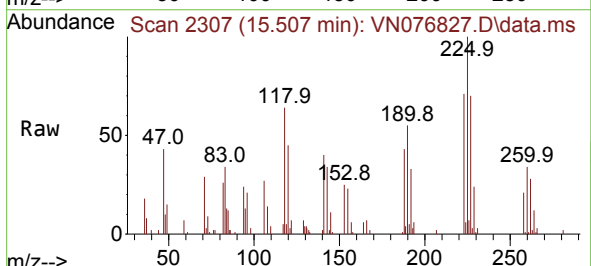
Tgt Ion:225 Resp: 29845

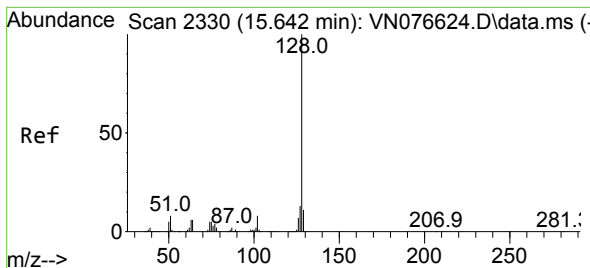
Ion Ratio Lower Upper

225 100

223 67.8 31.6 95.0

227 68.7 31.3 93.9





#95

Naphthalene

Concen: 19.719 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBSD01

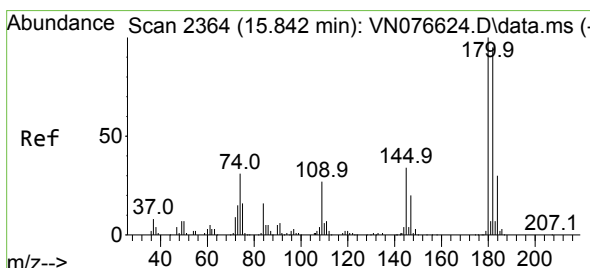
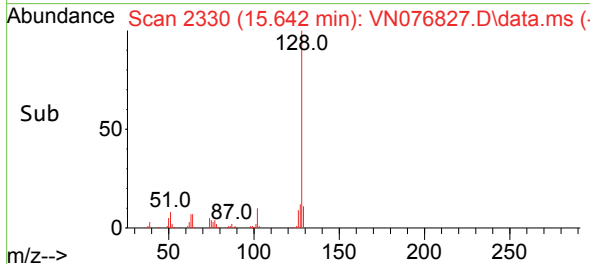
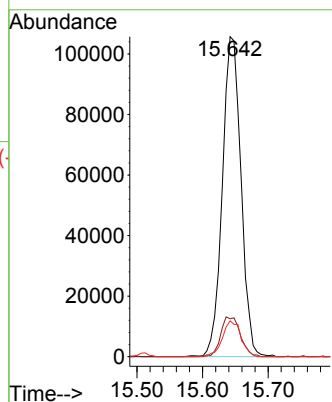
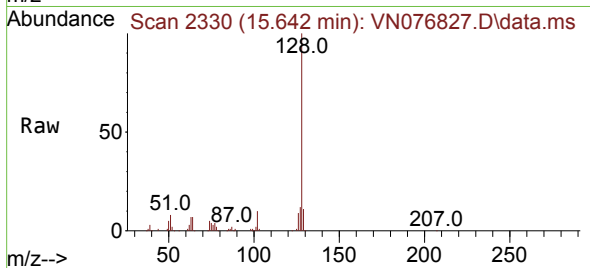
Tgt Ion:128 Resp: 208255

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.385 ug/l

RT: 15.836 min Scan# 2363

Delta R.T. -0.006 min

Lab File: VN076827.D

Acq: 28 Feb 2023 14:58

Tgt Ion:180 Resp: 68734

Ion Ratio Lower Upper

180 100

182 89.4 46.7 140.1

145 31.1 16.0 47.9

