

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077101.D
 Acq On : 22 Mar 2023 12:28
 Operator : JC\MD
 Sample : VN0322MBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 22 23:21:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	342566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	626919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	551808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	233109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	303812	55.522	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.040%	
35) Dibromofluoromethane	8.172	113	222752	50.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.480%	
50) Toluene-d8	10.572	98	820310	52.305	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.620%	
62) 4-Bromofluorobenzene	12.848	95	284977	51.423	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	52028	15.253	ug/l	92
3) Chloromethane	2.378	50	45101	13.067	ug/l	94
4) Vinyl Chloride	2.525	62	59718	16.029	ug/l	95
5) Bromomethane	2.960	94	50349	20.008	ug/l	96
6) Chloroethane	3.137	64	55442	23.518	ug/l	99
7) Trichlorofluoromethane	3.513	101	165537	20.654	ug/l	99
8) Diethyl Ether	3.978	74	62930	20.863	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.390	101	89503	19.687	ug/l	98
10) Methyl Iodide	4.607	142	102843	20.084	ug/l	98
11) Tert butyl alcohol	5.537	59	89410	112.134	ug/l	99
12) 1,1-Dichloroethene	4.354	96	85416	20.538	ug/l	98
13) Acrolein	4.190	56	93023	94.324	ug/l	99
14) Allyl chloride	5.037	41	158596	20.830	ug/l	99
15) Acrylonitrile	5.731	53	290184	108.256	ug/l	99
16) Acetone	4.443	43	254831	104.518	ug/l	99
17) Carbon Disulfide	4.725	76	222098	18.314	ug/l	98
18) Methyl Acetate	5.037	43	203172	22.098	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	324522	21.741	ug/l	98
20) Methylene Chloride	5.290	84	108196	20.447	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	93087	20.650	ug/l	99
22) Diisopropyl ether	6.684	45	367813	22.048	ug/l	98
23) Vinyl Acetate	6.613	43	1135309	107.847	ug/l	99
24) 1,1-Dichloroethane	6.578	63	194680	20.394	ug/l	98
25) 2-Butanone	7.490	43	387470	108.637	ug/l	97
26) 2,2-Dichloropropane	7.495	77	147238	20.499	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	102836	19.918	ug/l	95
28) Bromochloromethane	7.819	49	85720	20.678	ug/l	94
29) Tetrahydrofuran	7.842	42	256148	110.828	ug/l	97
30) Chloroform	7.972	83	186107	20.087	ug/l	92
31) Cyclohexane	8.266	56	170531	19.048	ug/l	95
32) 1,1,1-Trichloroethane	8.178	97	161888	20.443	ug/l	94
36) 1,1-Dichloropropene	8.378	75	133591	19.481	ug/l	99
37) Ethyl Acetate	7.566	43	154287	21.029	ug/l	100
38) Carbon Tetrachloride	8.366	117	130758	19.576	ug/l	96
39) Methylcyclohexane	9.607	83	153430	19.115	ug/l	97
40) Benzene	8.613	78	412333	19.827	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	86273	21.827	ug/l	97
42) 1,2-Dichloroethane	8.678	62	155827	20.735	ug/l	100
43) Isopropyl Acetate	8.689	43	245142	21.388	ug/l	99
44) Trichloroethene	9.360	130	86365	18.079	ug/l	94
45) 1,2-Dichloropropane	9.625	63	112285	20.328	ug/l	97
46) Dibromomethane	9.713	93	68582	19.687	ug/l	97
47) Bromodichloromethane	9.889	83	144987	19.845	ug/l	100
48) Methyl methacrylate	9.684	41	123357	22.513	ug/l	97
49) 1,4-Dioxane	9.701	88	37994	405.976	ug/l #	91
51) 4-Methyl-2-Pentanone	10.448	43	772292	108.204	ug/l	99
52) Toluene	10.631	92	248702	20.029	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	150079	20.959	ug/l	94
54) cis-1,3-Dichloropropene	10.313	75	165063	20.430	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	97808	19.975	ug/l	98
56) Ethyl methacrylate	10.878	69	152606	20.726	ug/l	95
57) 1,3-Dichloropropane	11.166	76	176789	19.720	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	293146	93.387	ug/l	99
59) 2-Hexanone	11.195	43	560952	108.359	ug/l	96
60) Dibromochloromethane	11.360	129	96174	19.553	ug/l	100
61) 1,2-Dibromoethane	11.472	107	93824	19.322	ug/l	99
64) Tetrachloroethene	11.107	164	69298	18.712	ug/l	96
65) Chlorobenzene	11.895	112	238940	18.820	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	91357	19.446	ug/l	99
67) Ethyl Benzene	11.966	91	455189	19.738	ug/l	97
68) m/p-Xylenes	12.072	106	338708	39.602	ug/l	98
69) o-Xylene	12.401	106	166393	19.580	ug/l	97
70) Styrene	12.413	104	273173	20.647	ug/l	99
71) Bromoform	12.583	173	61085	19.188	ug/l #	99
73) Isopropylbenzene	12.701	105	432775	20.716	ug/l	100
74) N-amyl acetate	12.495	43	204243	22.588	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	149755	19.787	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	187290	31.061	ug/l	44
77) Bromobenzene	12.983	156	90383	19.314	ug/l	95
78) n-propylbenzene	13.036	91	512350	21.245	ug/l	99
79) 2-Chlorotoluene	13.124	91	320750	20.873	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	374153	21.452	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	49758	22.715	ug/l	95
82) 4-Chlorotoluene	13.224	91	304903	20.866	ug/l	99
83) tert-Butylbenzene	13.442	119	310378	21.195	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	367519	21.115	ug/l	99
85) sec-Butylbenzene	13.619	105	439965	21.120	ug/l	100
86) p-Isopropyltoluene	13.730	119	353016	21.102	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	171351	19.373	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	169022	19.207	ug/l	99
89) n-Butylbenzene	14.060	91	299671	20.420	ug/l	99
90) Hexachloroethane	14.336	117	66041	19.417	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	169743	19.254	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.719	75	28603	20.396	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	76905	19.296	ug/l	100
94) Hexachlorobutadiene	15.507	225	41650	18.976	ug/l	99
95) Naphthalene	15.642	128	264241	18.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	77389	19.352	ug/l	99

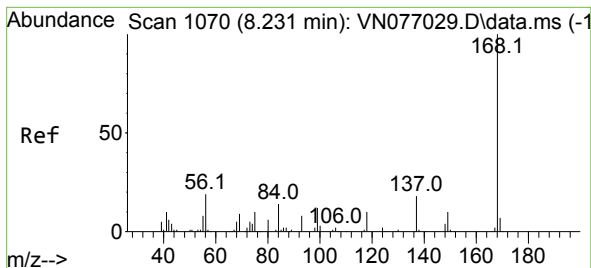
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN077101.D

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Instrument :

MSVOA_N

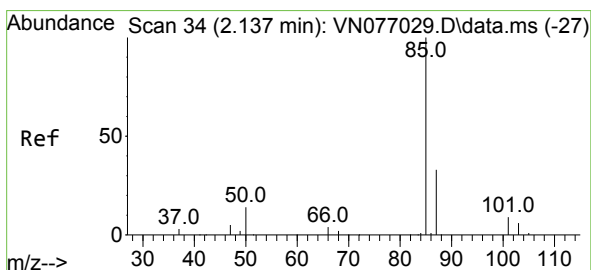
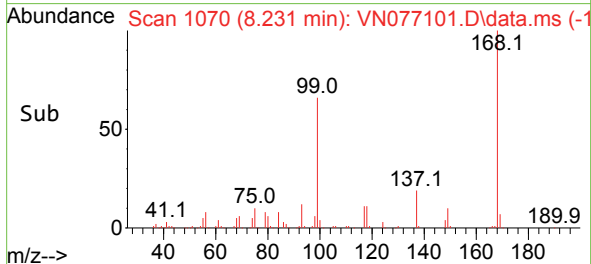
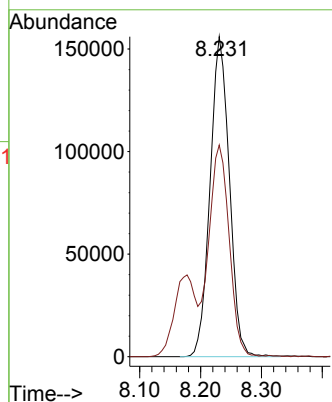
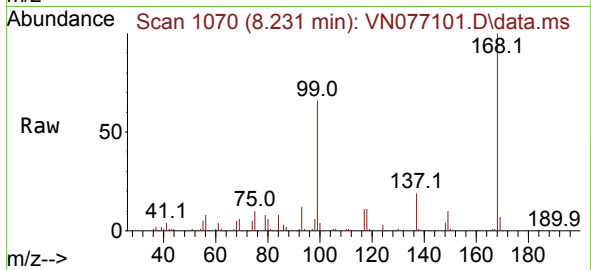
ClientSampleId :

Tgt Ion:168 Resp: 342566

Ion Ratio Lower Upper

168 100

99 66.0 53.9 80.9



#2

Dichlorodifluoromethane

Concen: 15.253 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077101.D

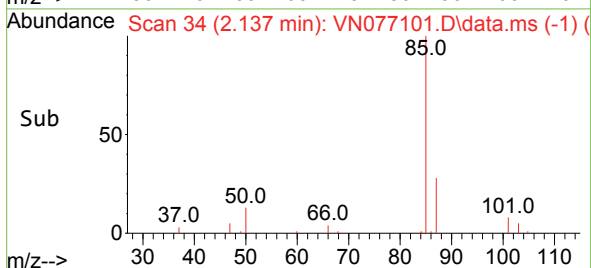
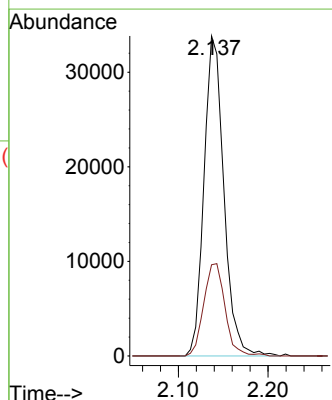
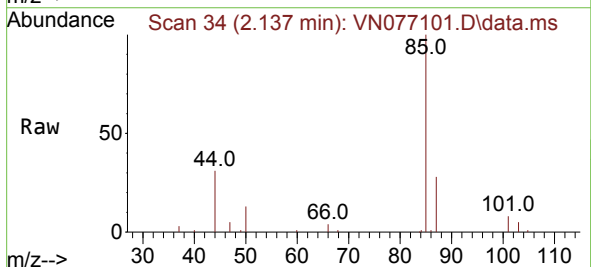
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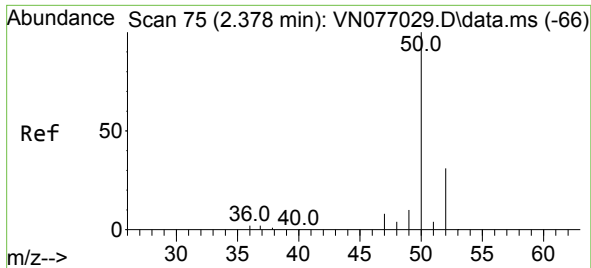
Tgt Ion: 85 Resp: 52028

Ion Ratio Lower Upper

85 100

87 28.5 16.4 49.2

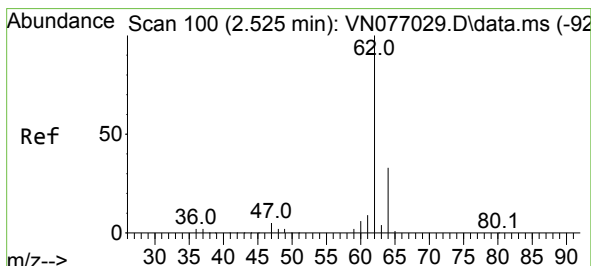
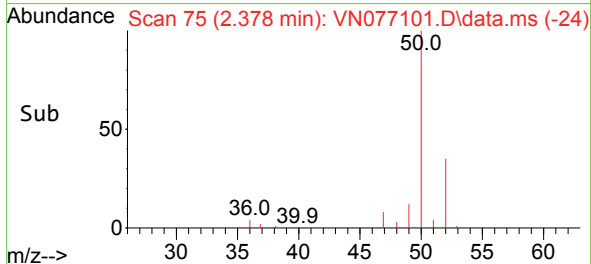
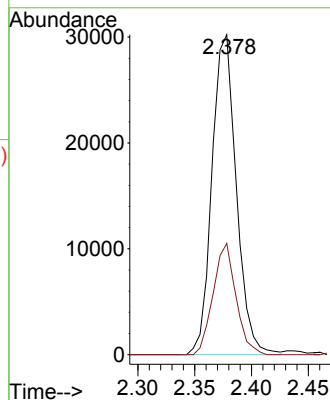
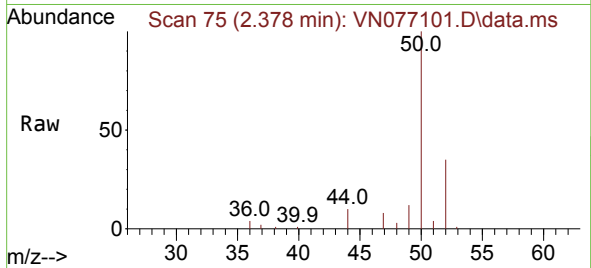




#3
Chloromethane
Concen: 13.067 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

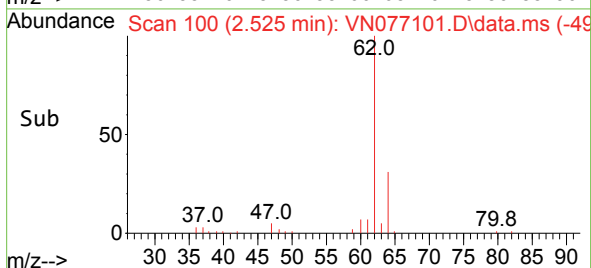
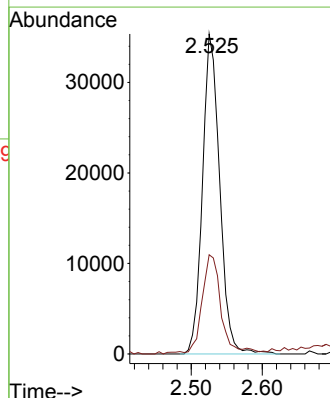
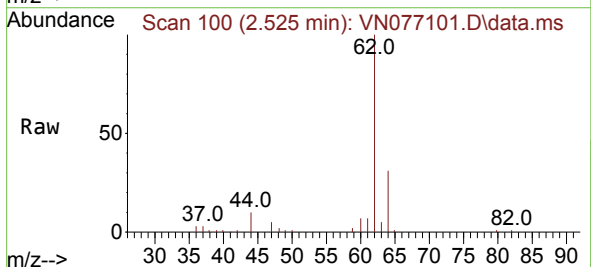
Instrument :
MSVOA_N
ClientSampleId :

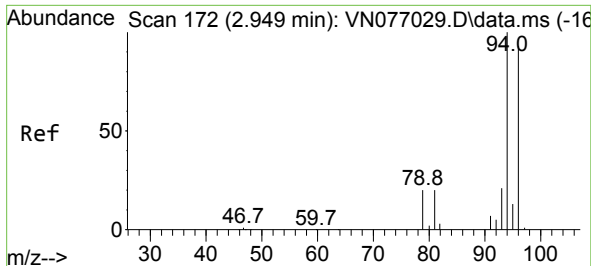
Tgt Ion: 50 Resp: 45101
Ion Ratio Lower Upper
50 100
52 34.7 25.1 37.7



#4
Vinyl Chloride
Concen: 16.029 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 62 Resp: 59718
Ion Ratio Lower Upper
62 100
64 30.2 26.6 40.0

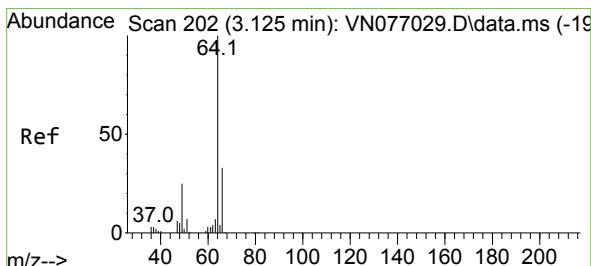
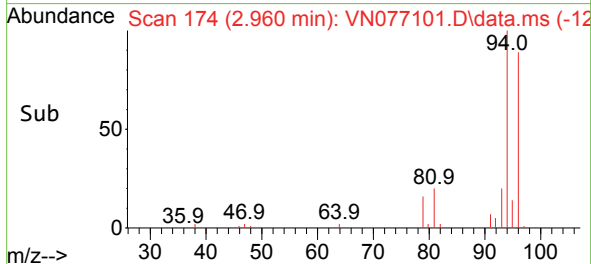
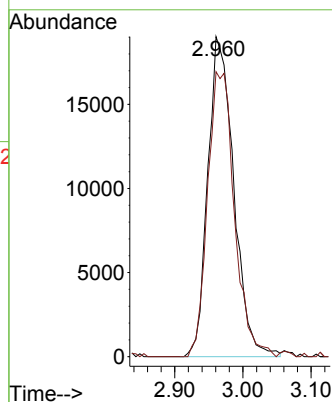
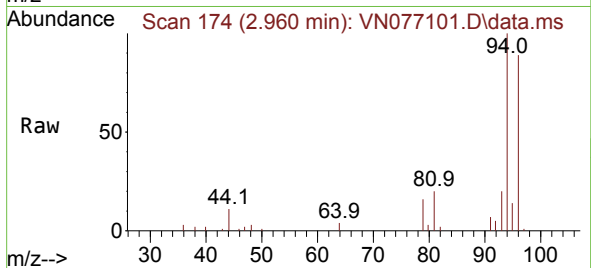




#5
Bromomethane
Concen: 20.008 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

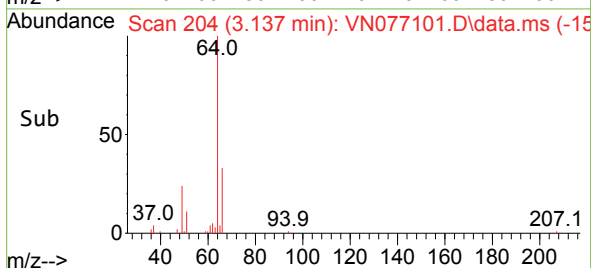
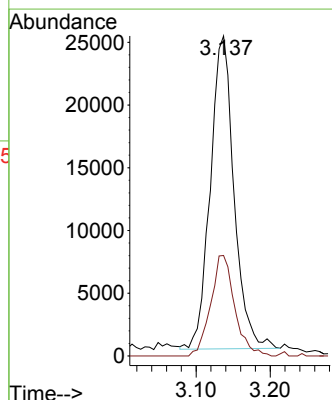
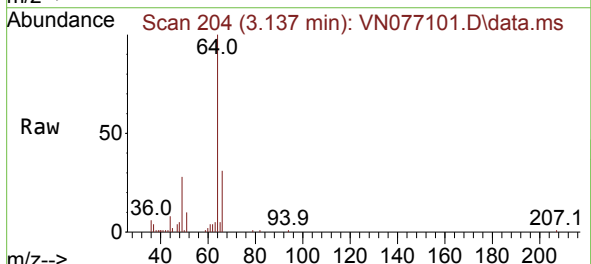
Instrument :
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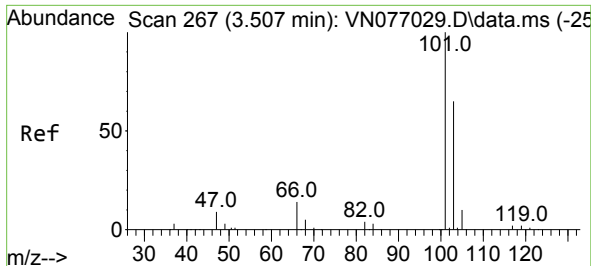
Tgt Ion: 94 Resp: 50349
Ion Ratio Lower Upper
94 100
96 89.1 74.1 111.1



#6
Chloroethane
Concen: 23.518 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 64 Resp: 55442
Ion Ratio Lower Upper
64 100
66 32.2 26.3 39.5

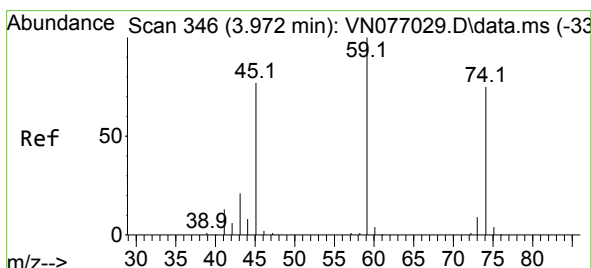
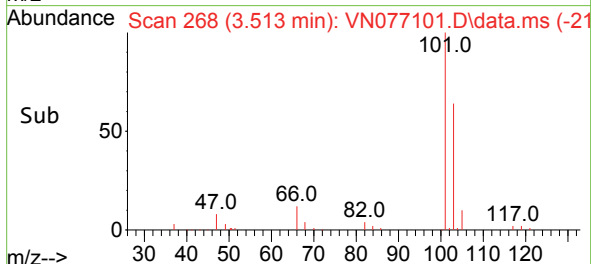
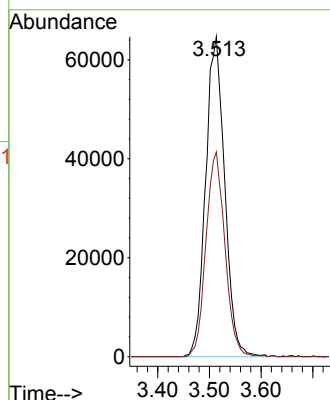
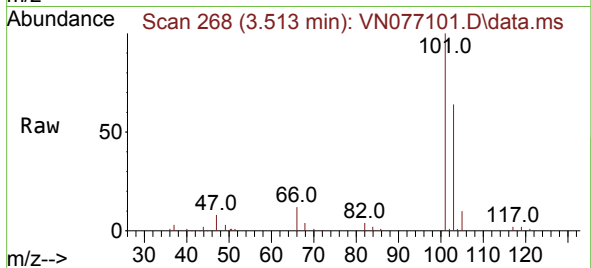




#7
Trichlorofluoromethane
Concen: 20.654 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

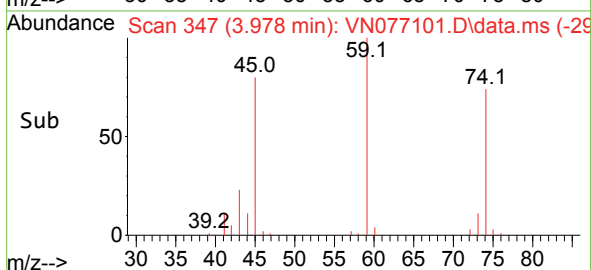
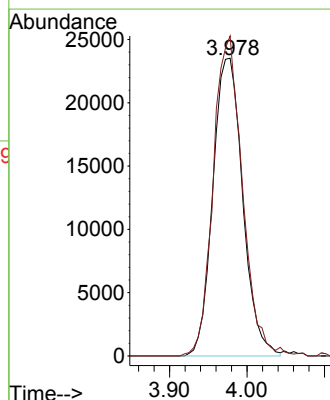
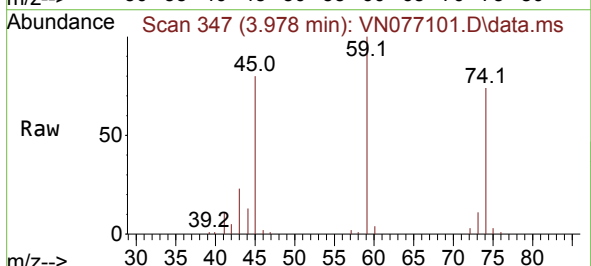
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MSVOA_N
ClientSampleId :

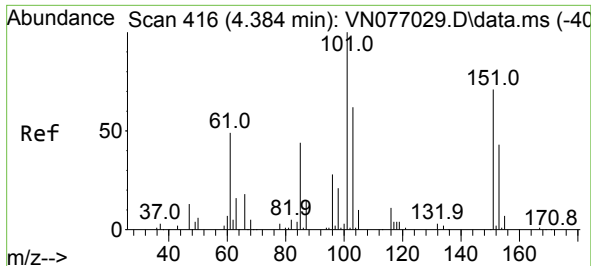
Tgt Ion:101 Resp: 165537
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6



#8
Diethyl Ether
Concen: 20.863 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 74 Resp: 62930
Ion Ratio Lower Upper
74 100
45 105.5 50.8 152.5

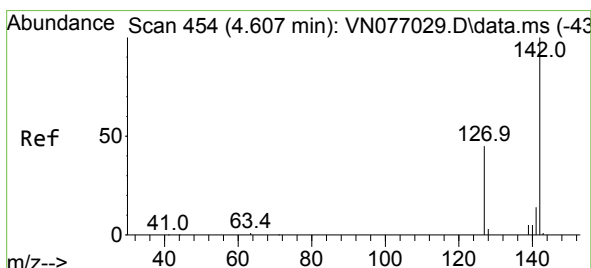
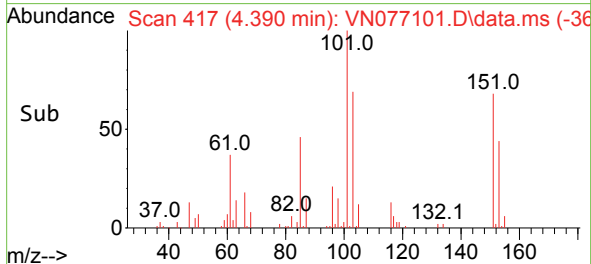
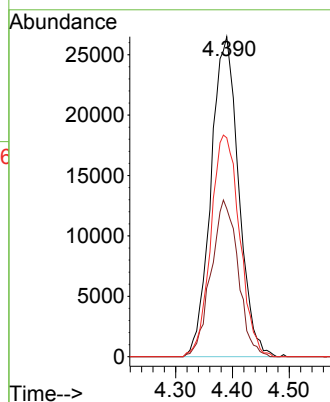
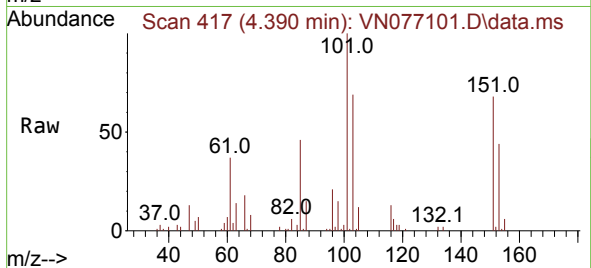




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.687 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN077101.D
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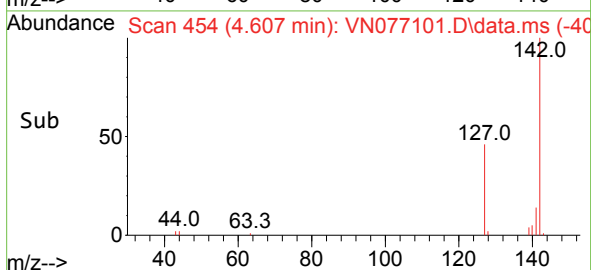
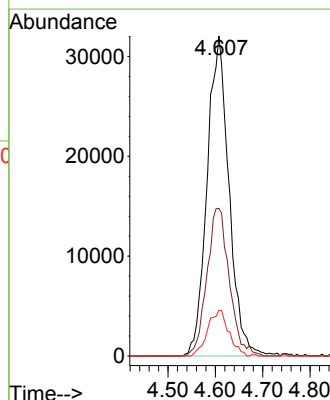
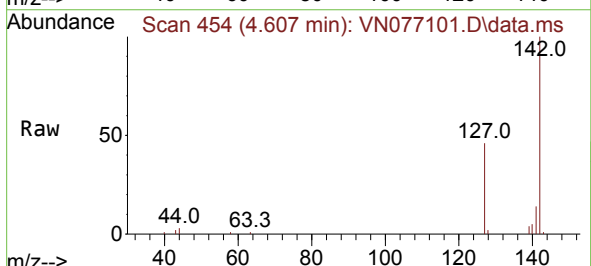
Instrument :
MSVOA_N
ClientSampleId :

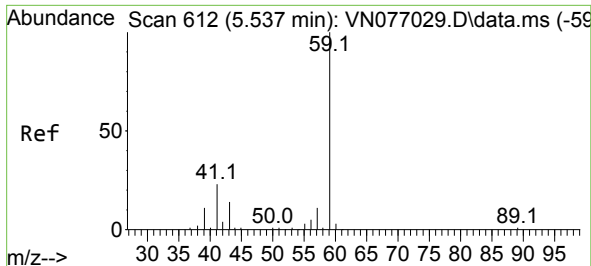
Tgt Ion:101 Resp: 89503
Ion Ratio Lower Upper
101 100
85 47.9 36.6 55.0
151 72.0 56.9 85.3



#10
Methyl Iodide
Concen: 20.084 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion:142 Resp: 102843
Ion Ratio Lower Upper
142 100
127 46.2 36.1 54.1
141 14.2 10.8 16.2

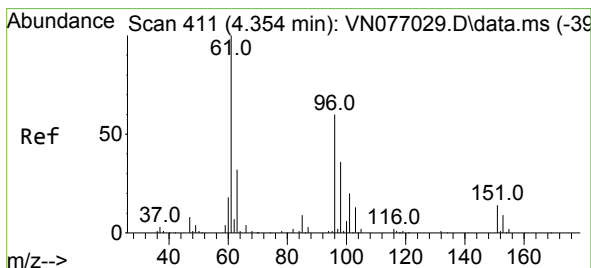
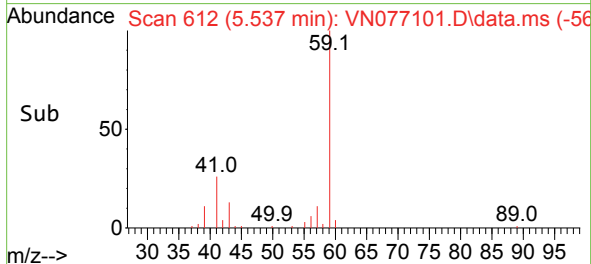
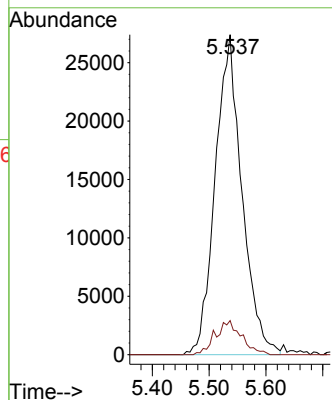
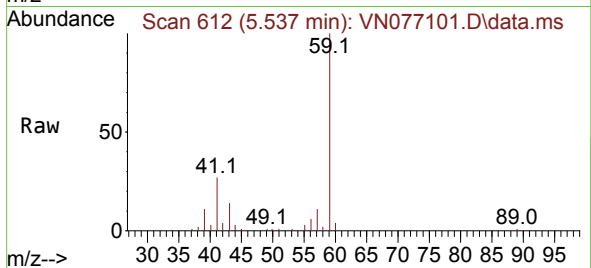




#11
Tert butyl alcohol
Concen: 112.134 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

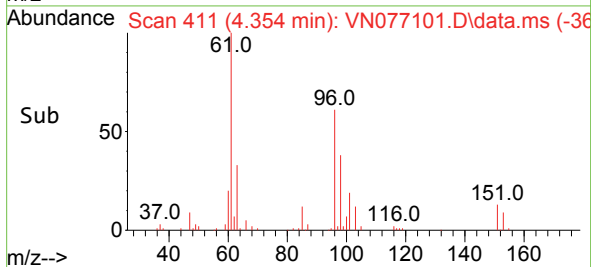
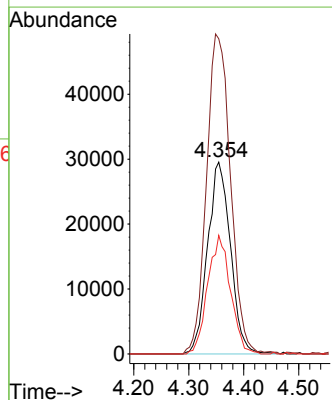
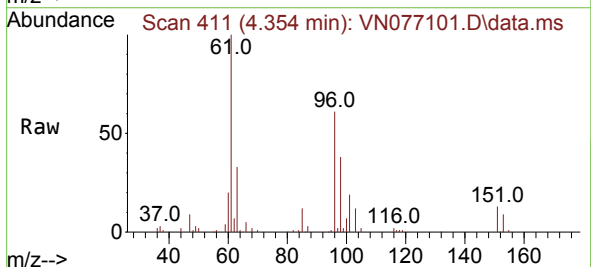
Instrument :
MSVOA_N
ClientSampleId :

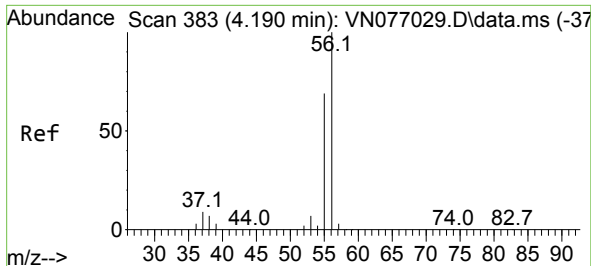
Tgt Ion: 59 Resp: 89410
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.538 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 96 Resp: 85416
Ion Ratio Lower Upper
96 100
61 164.3 133.8 200.8
98 61.8 48.6 72.8

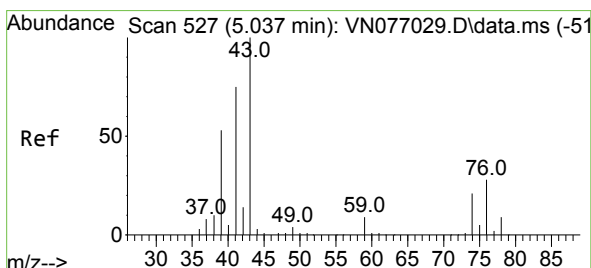
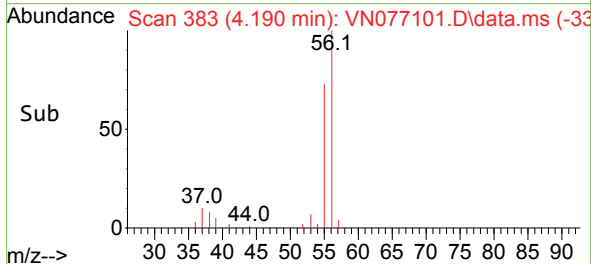
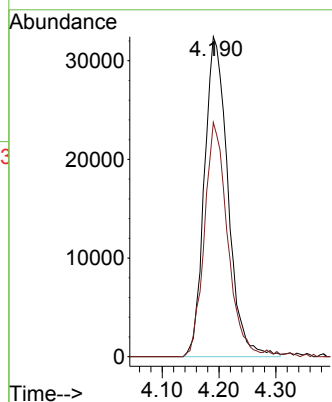
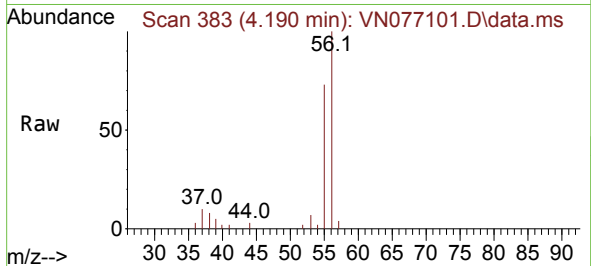




#13
Acrolein
Concen: 94.324 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

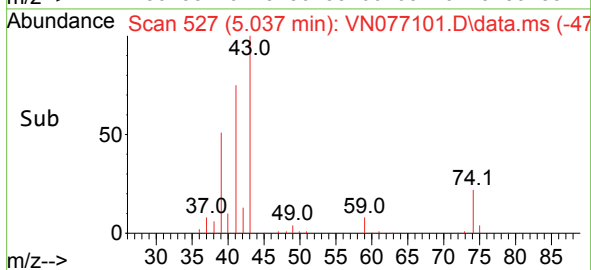
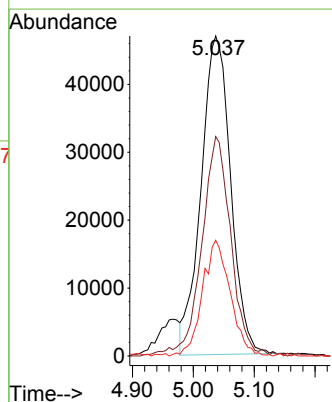
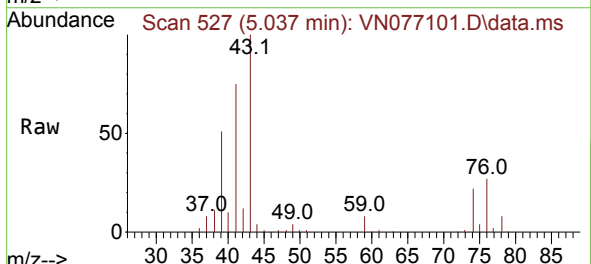
Instrument :
MSVOA_N
ClientSampleId :

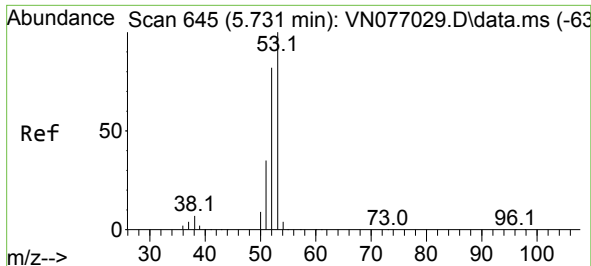
Tgt Ion: 56 Resp: 93023
Ion Ratio Lower Upper
56 100
55 71.9 57.0 85.6



#14
Allyl chloride
Concen: 20.830 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 41 Resp: 158596
Ion Ratio Lower Upper
41 100
39 67.6 53.8 80.8
76 34.1 26.7 40.1

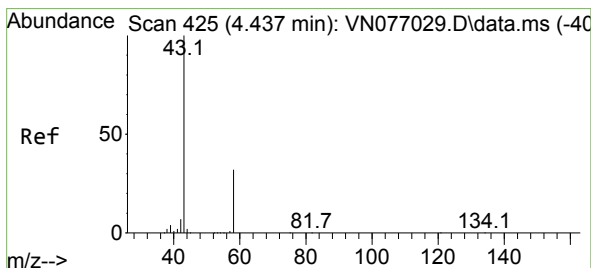
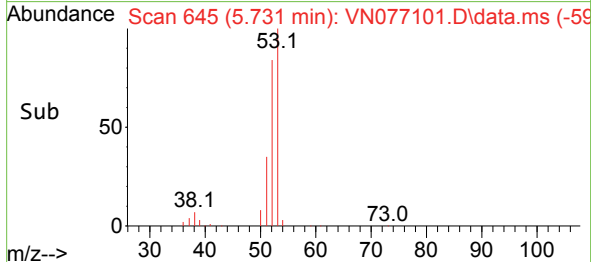
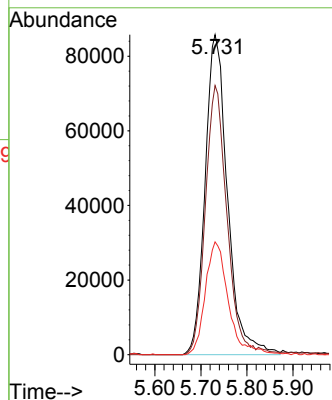
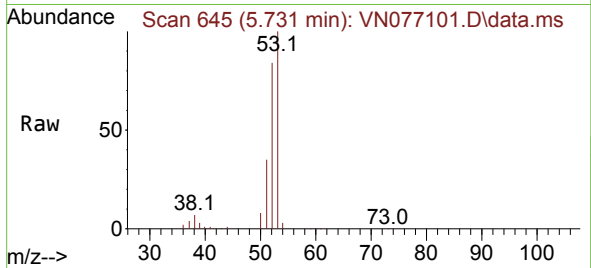




#15
Acrylonitrile
Concen: 108.256 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

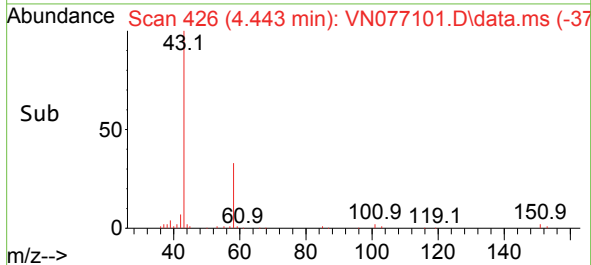
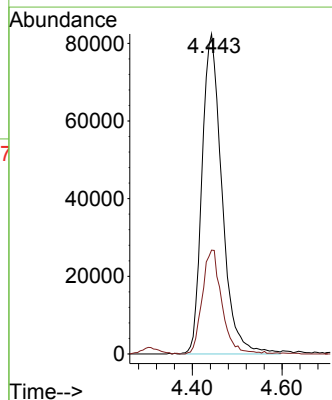
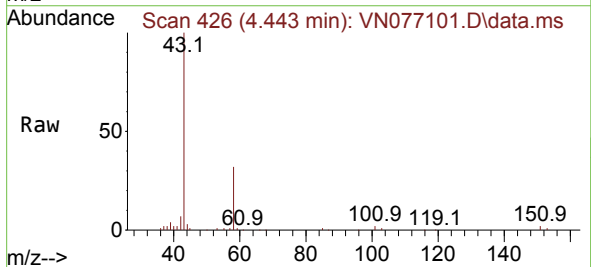
Instrument :
MSVOA_N
ClientSampleId :

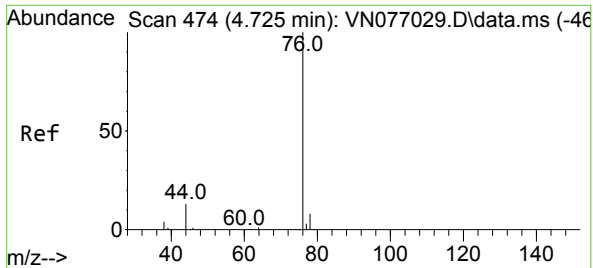
Tgt Ion: 53 Resp: 290184
Ion Ratio Lower Upper
53 100
52 81.9 64.6 97.0
51 36.3 28.3 42.5



#16
Acetone
Concen: 104.518 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 43 Resp: 254831
Ion Ratio Lower Upper
43 100
58 32.4 25.4 38.0

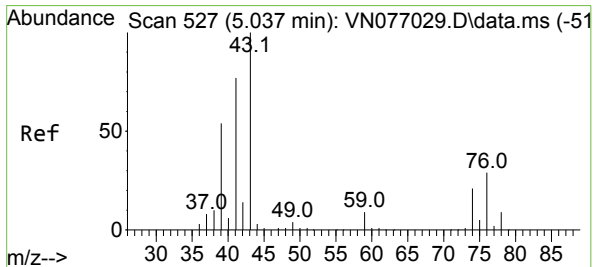
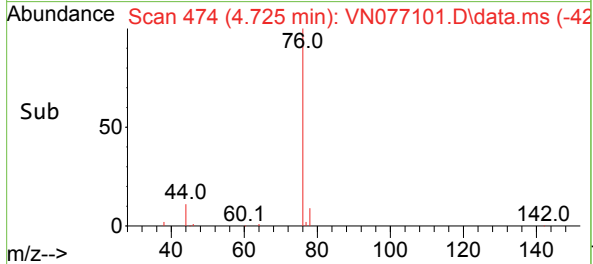
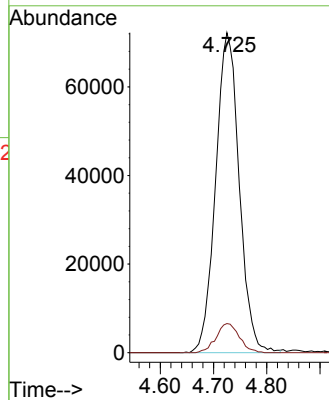
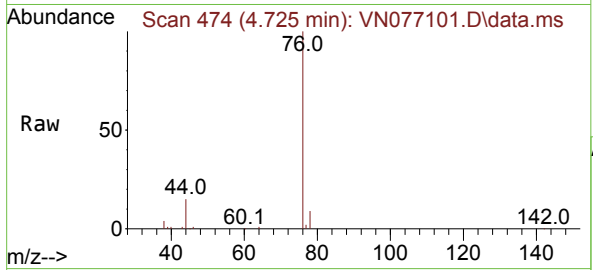




#17
Carbon Disulfide
Concen: 18.314 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

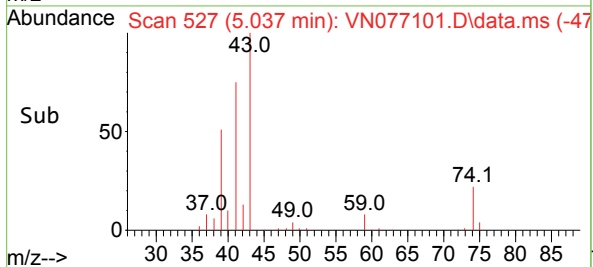
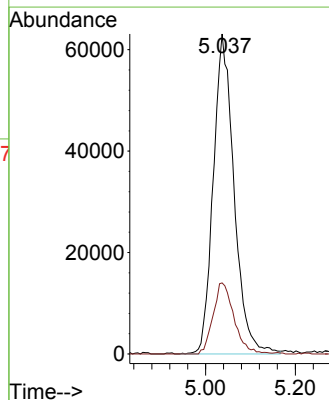
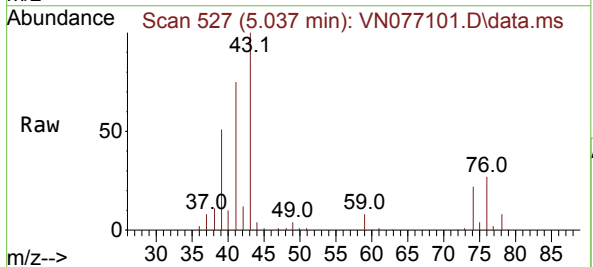
Instrument :
MSVOA_N
ClientSampleId :

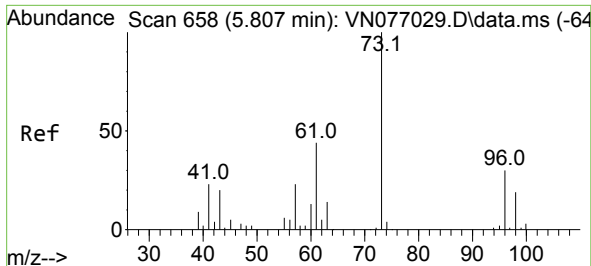
Tgt Ion: 76 Resp: 222098
Ion Ratio Lower Upper
76 100
78 9.1 6.6 10.0



#18
Methyl Acetate
Concen: 22.098 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 43 Resp: 203172
Ion Ratio Lower Upper
43 100
74 22.4 17.7 26.5

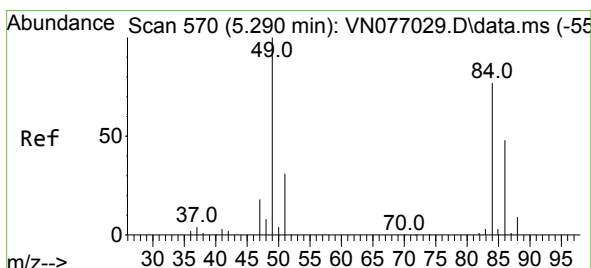
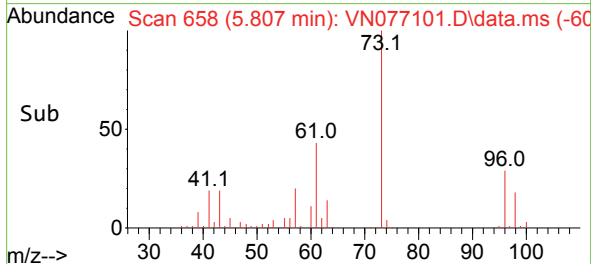
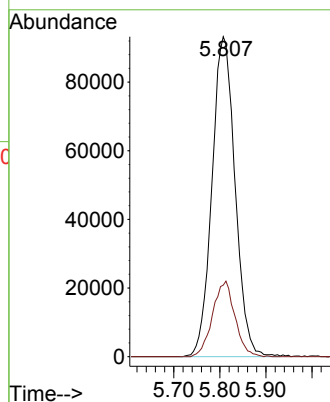
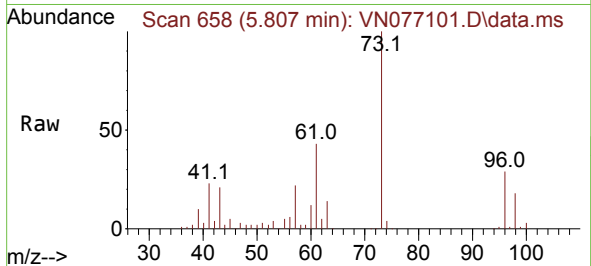




#19
Methyl tert-butyl Ether
Concen: 21.741 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

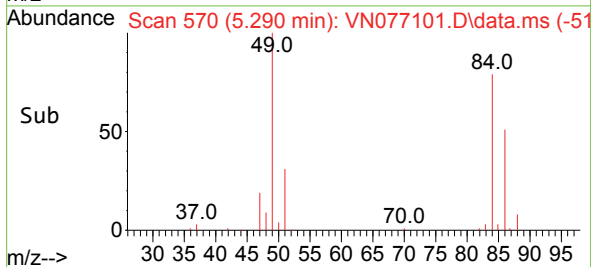
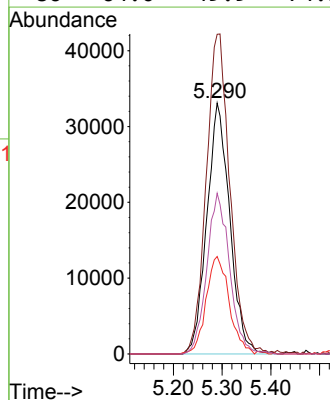
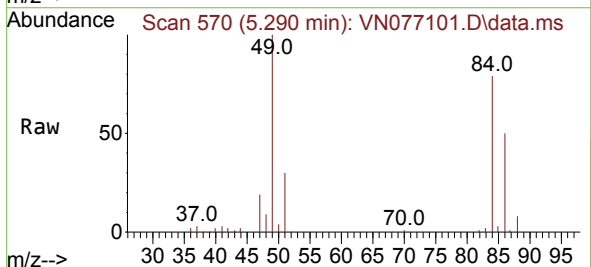
Instrument :
MSVOA_N
ClientSampleId :

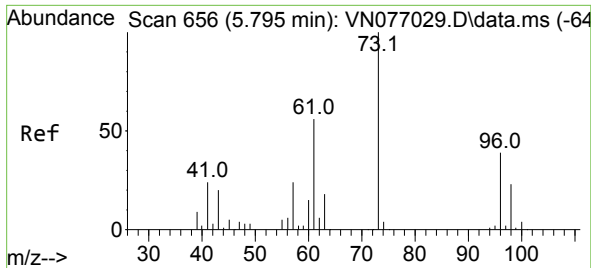
Tgt Ion: 73 Resp: 324522
Ion Ratio Lower Upper
73 100
57 22.3 18.7 28.1



#20
Methylene Chloride
Concen: 20.447 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 84 Resp: 108196
Ion Ratio Lower Upper
84 100
49 127.4 103.8 155.6
51 38.8 32.3 48.5
86 64.0 49.9 74.9

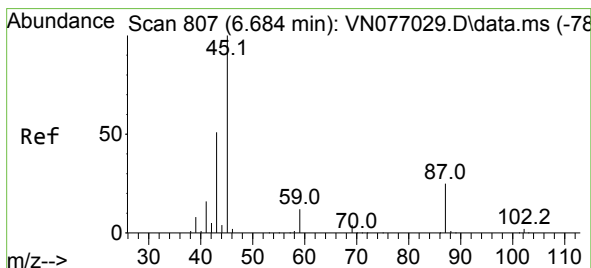
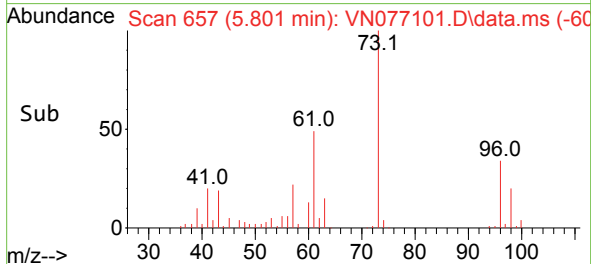
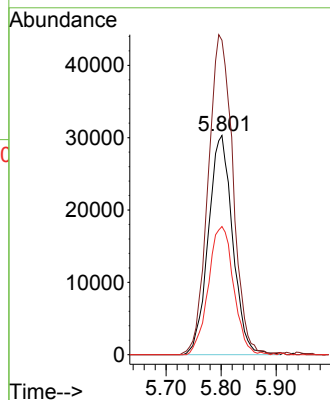
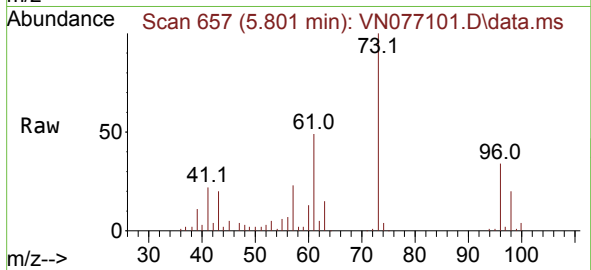




#21
trans-1,2-Dichloroethene
Concen: 20.650 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

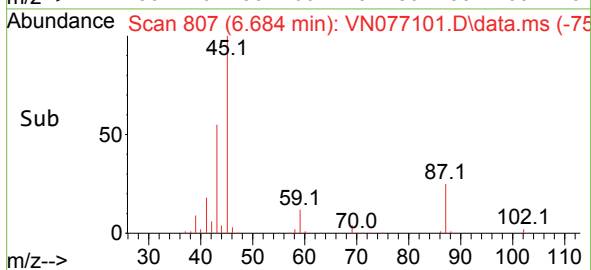
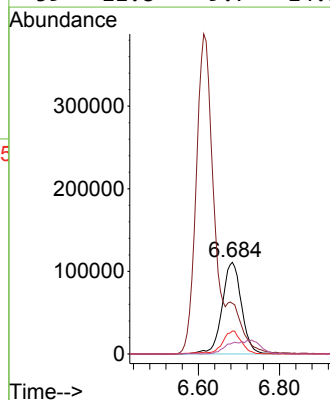
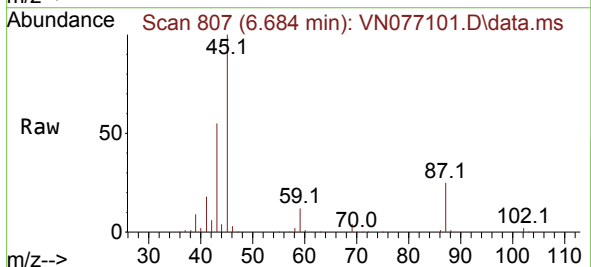
Instrument :
MSVOA_N
ClientSampleId :

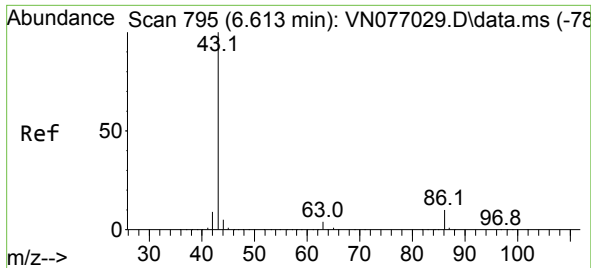
Tgt Ion: 96 Resp: 93087
Ion Ratio Lower Upper
96 100
61 143.4 115.8 173.6
98 58.5 48.2 72.2



#22
Diisopropyl ether
Concen: 22.048 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 45 Resp: 367813
Ion Ratio Lower Upper
45 100
43 54.1 41.5 62.3
87 25.2 20.6 30.8
59 11.8 9.7 14.5

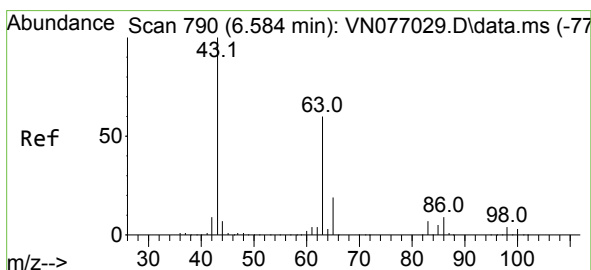
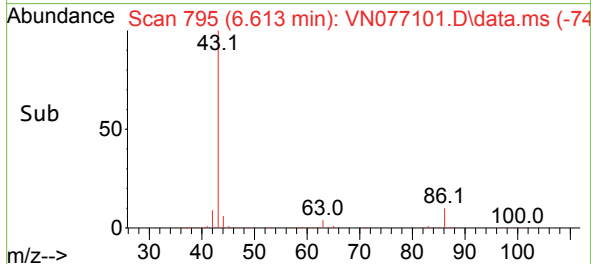
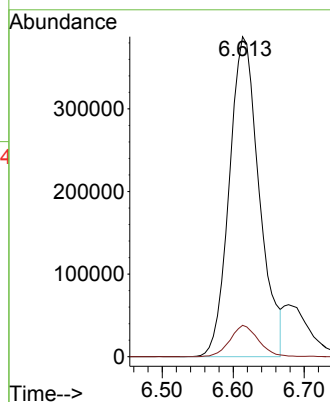
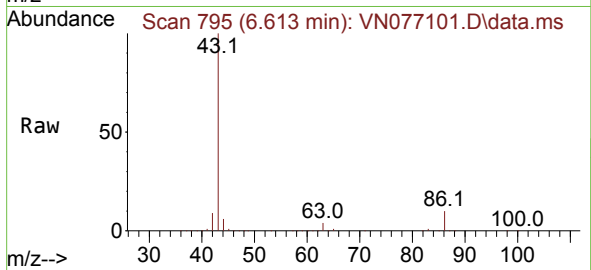




#23
 Vinyl Acetate
 Concen: 107.847 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077101.D
 Acq: 22 Mar 2023 12:28

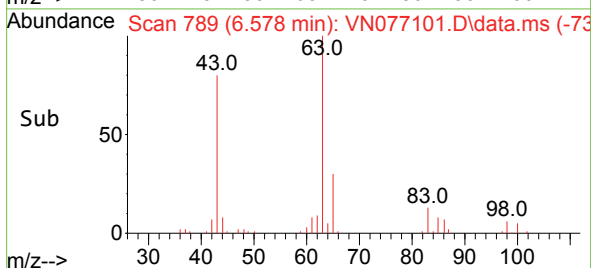
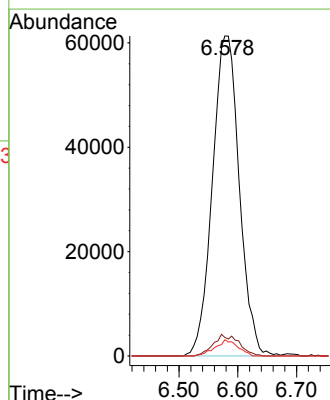
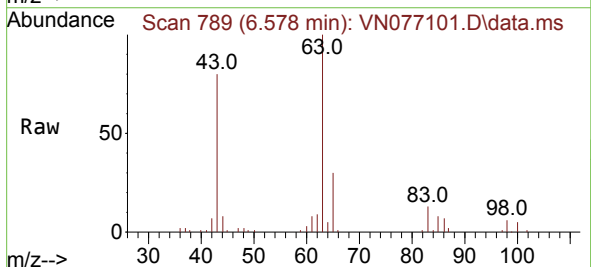
Instrument :
 MSVOA_N
 ClientSampleId :

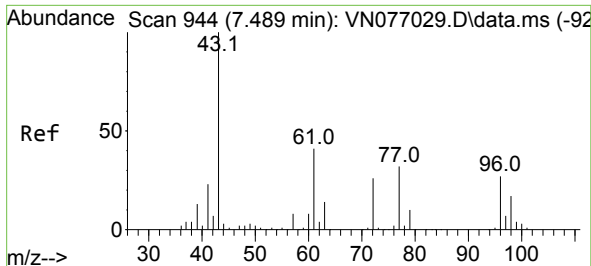
Tgt Ion: 43 Resp: 1135309
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.394 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077101.D
 Acq: 22 Mar 2023 12:28

Tgt Ion: 63 Resp: 194680
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.1 9.4
 100 5.0 2.1 6.3

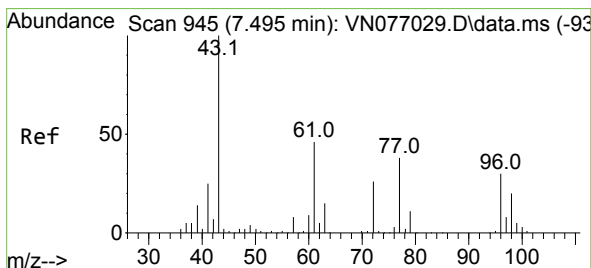
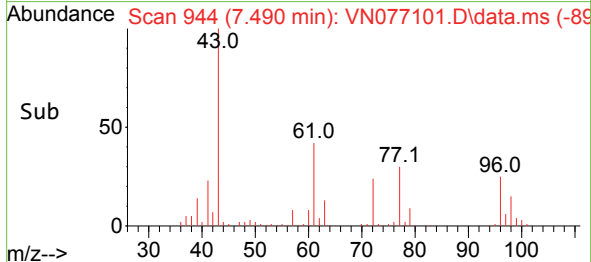
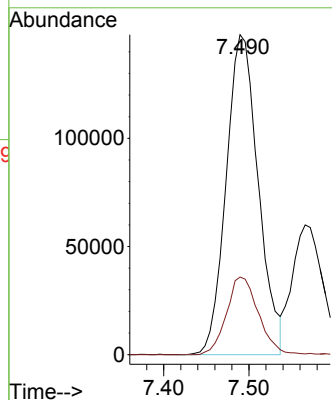
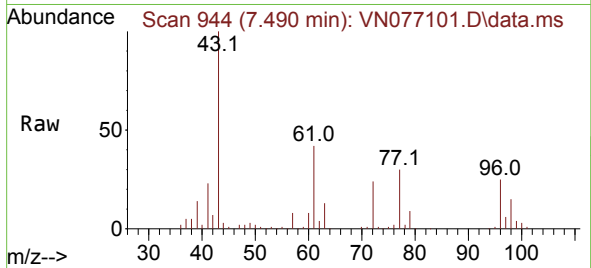




#25
2-Butanone
Concen: 108.637 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

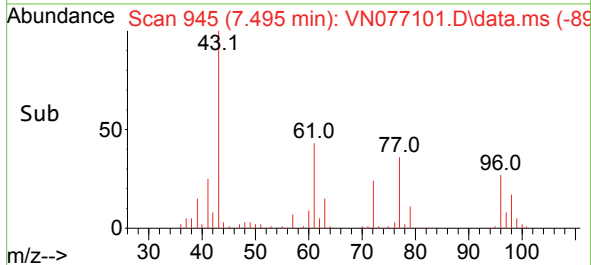
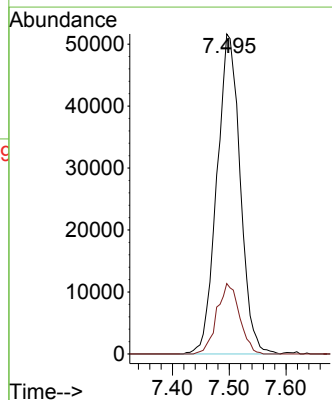
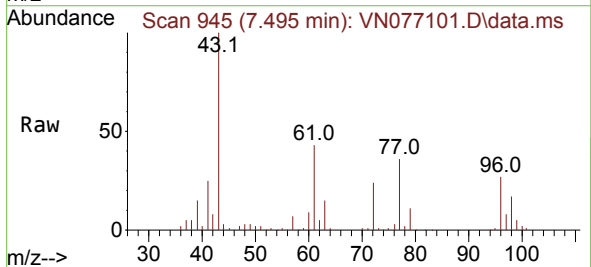
Instrument :
MSVOA_N
ClientSampleId :

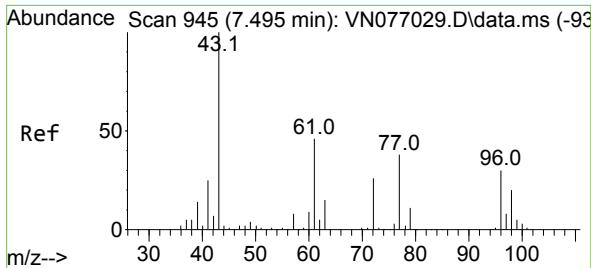
Tgt Ion: 43 Resp: 387470
Ion Ratio Lower Upper
43 100
72 24.2 20.7 31.1



#26
2,2-Dichloropropane
Concen: 20.499 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 77 Resp: 147238
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.9

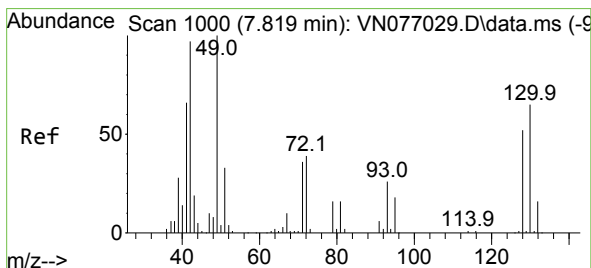
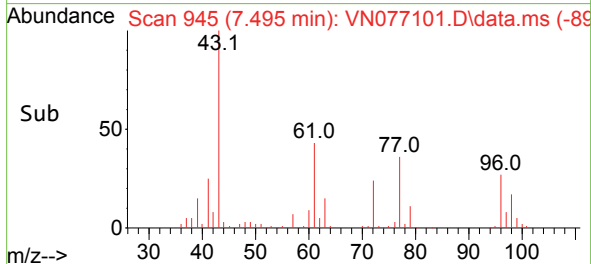
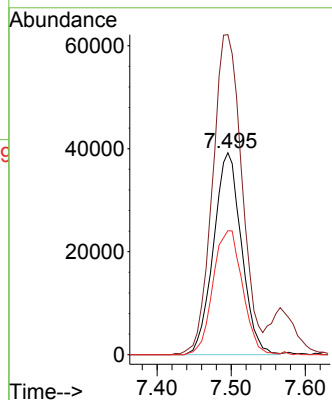
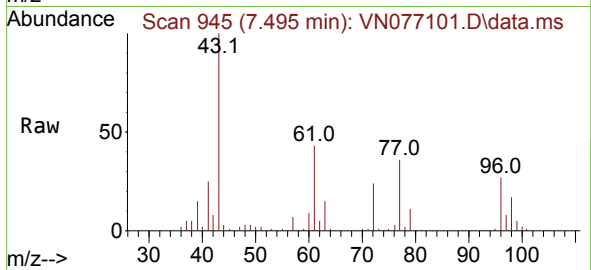




#27
 cis-1,2-Dichloroethene
 Concen: 19.918 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077101.D
 Acq: 22 Mar 2023 12:28

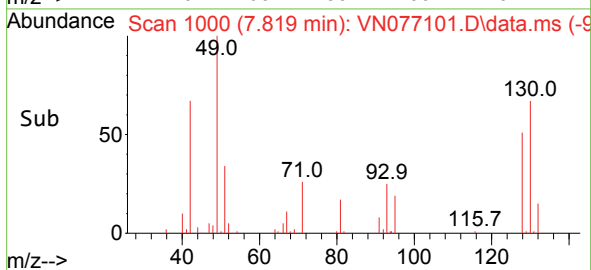
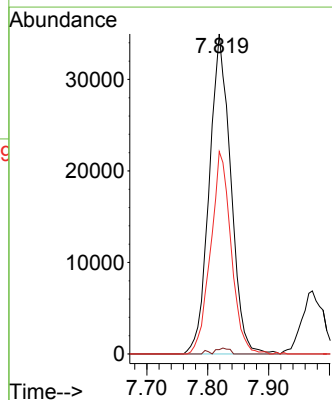
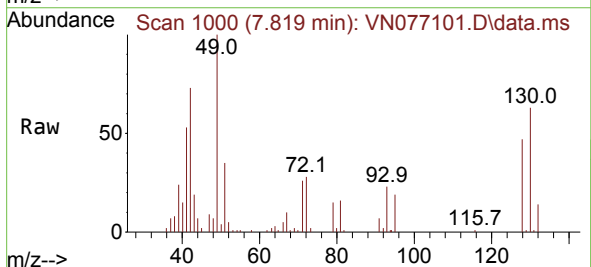
Instrument :
 MSVOA_N
 ClientSampleId :

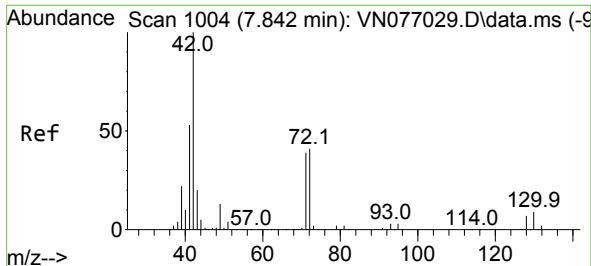
Tgt Ion: 96 Resp: 102836
 Ion Ratio Lower Upper
 96 100
 61 166.7 0.0 315.4
 98 64.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 20.678 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077101.D
 Acq: 22 Mar 2023 12:28

Tgt Ion: 49 Resp: 85720
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.2
 130 60.4 51.9 77.9





#29

Tetrahydrofuran

Concen: 110.828 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

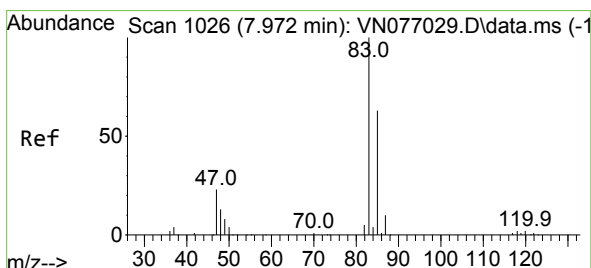
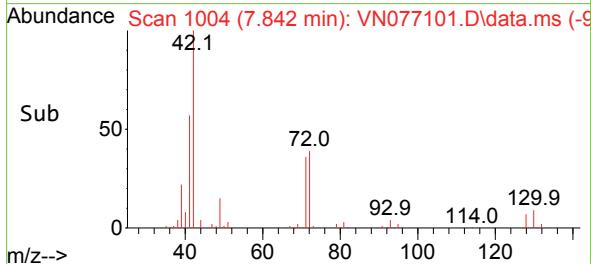
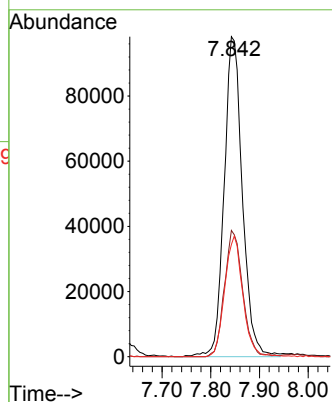
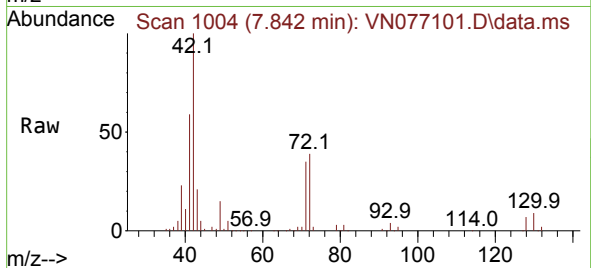
Tgt Ion: 42 Resp: 256148

Ion Ratio Lower Upper

42 100

72 39.4 33.2 49.8

71 37.5 31.0 46.4



#30

Chloroform

Concen: 20.087 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077101.D

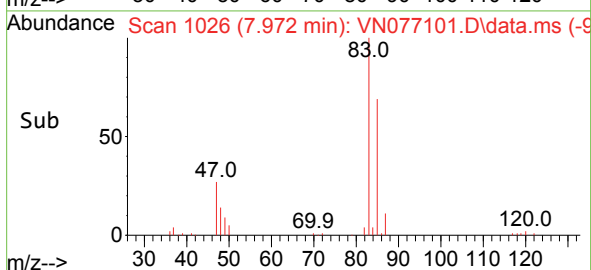
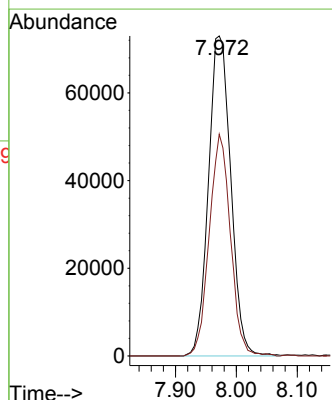
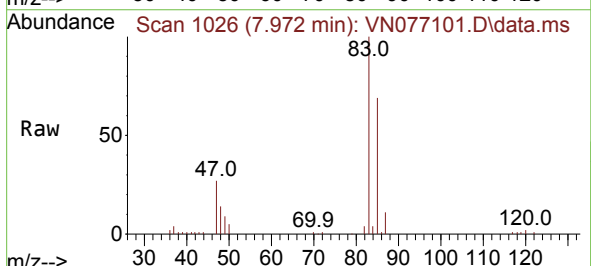
Acq: 22 Mar 2023 12:28

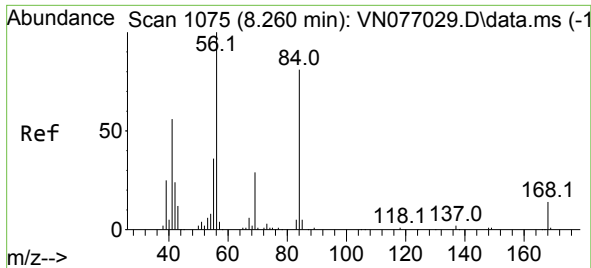
Tgt Ion: 83 Resp: 186107

Ion Ratio Lower Upper

83 100

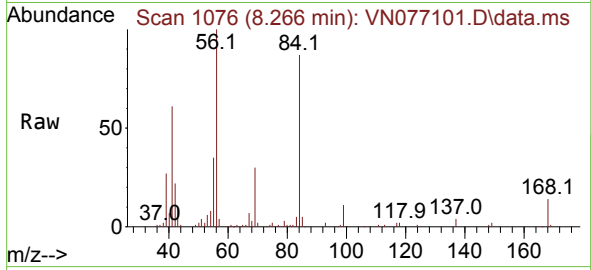
85 69.3 50.6 75.8



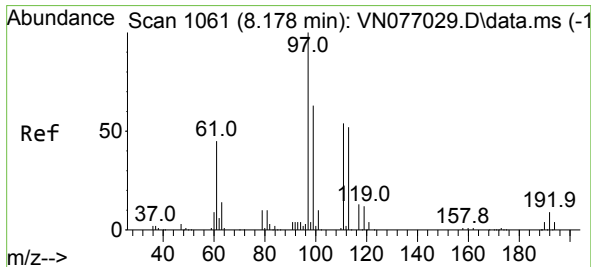
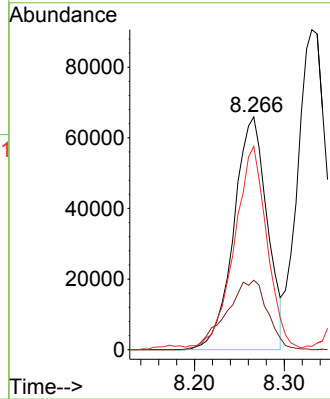
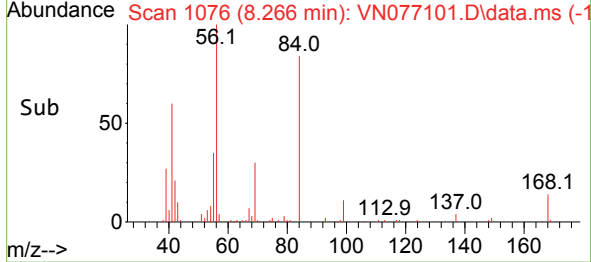


#31
Cyclohexane
Concen: 19.048 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

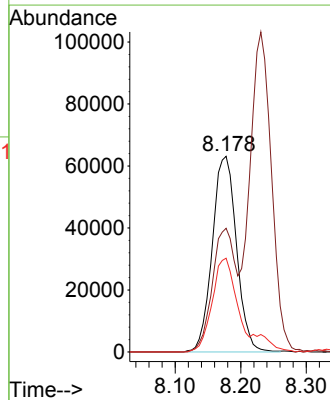
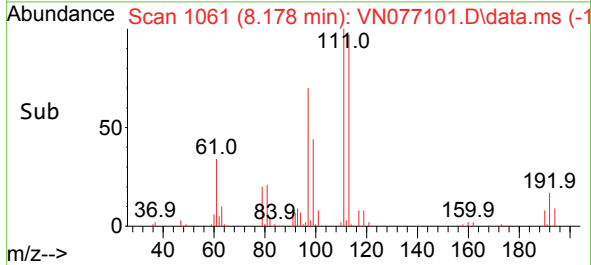
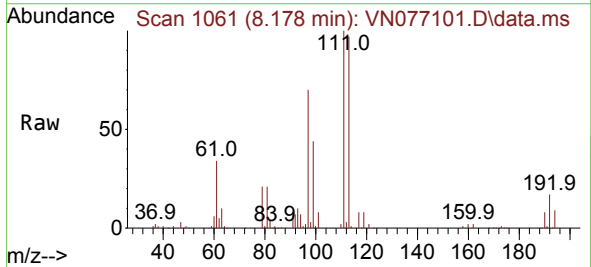


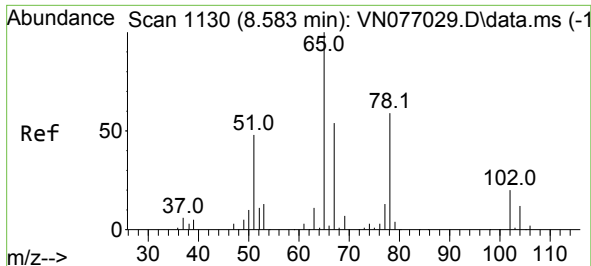
Tgt Ion: 56 Resp: 170531
Ion Ratio Lower Upper
56 100
69 29.8 22.8 34.2
84 85.8 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 20.443 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 97 Resp: 161888
Ion Ratio Lower Upper
97 100
99 59.7 50.2 75.2
61 55.1 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 55.522 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Instrument :

MSVOA_N

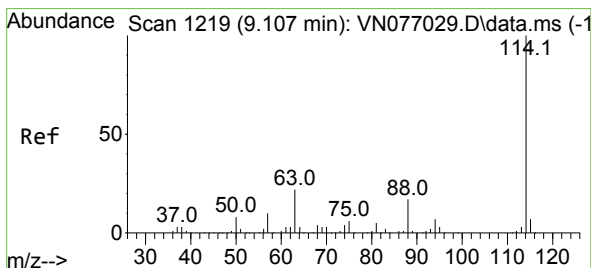
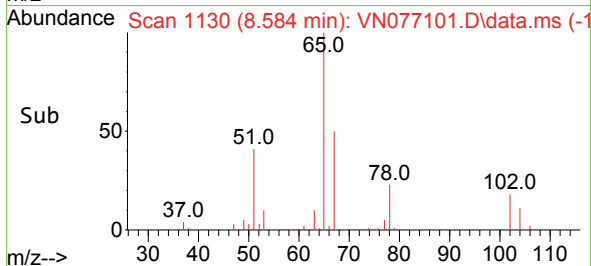
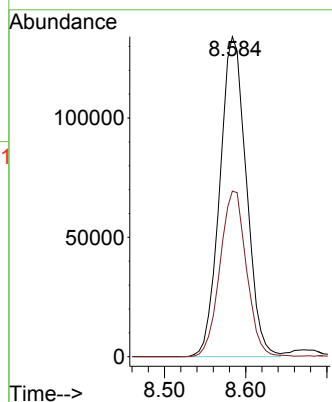
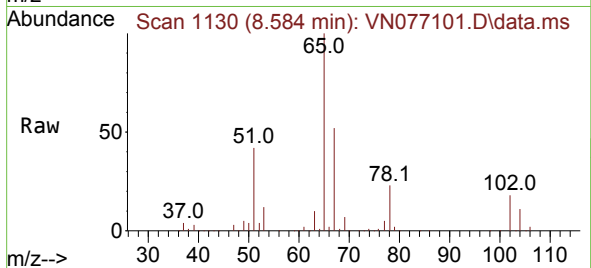
ClientSampleId :

Tgt Ion: 65 Resp: 303812

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

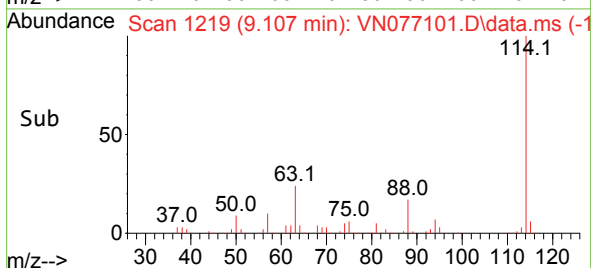
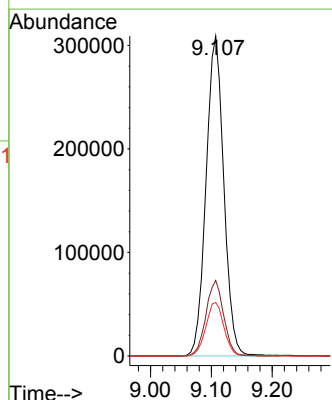
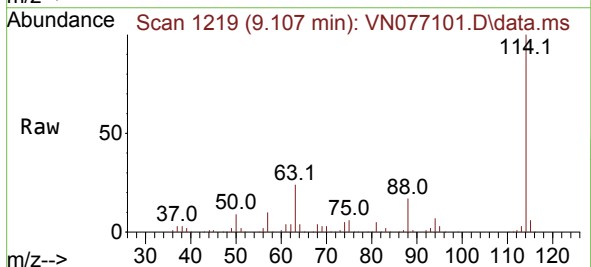
Tgt Ion: 114 Resp: 626919

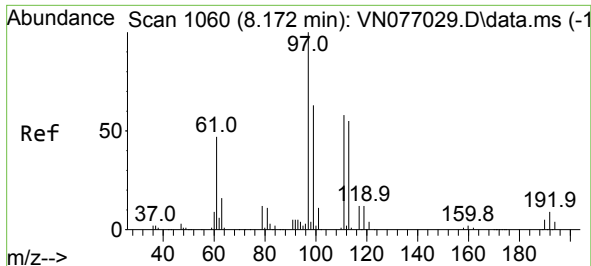
Ion Ratio Lower Upper

114 100

63 23.6 0.0 44.6

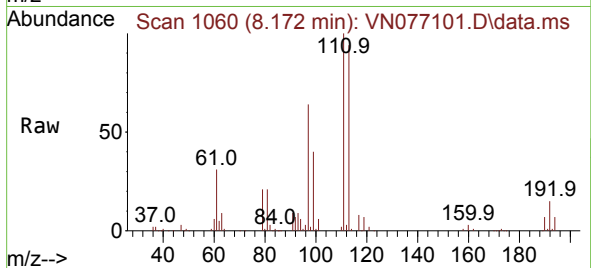
88 16.7 0.0 33.8



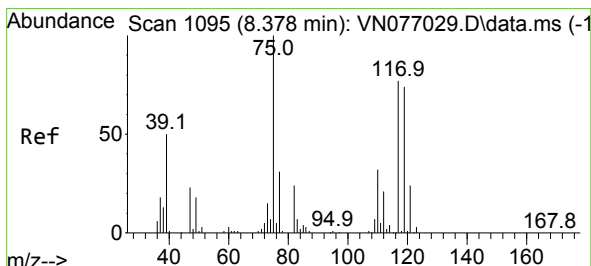
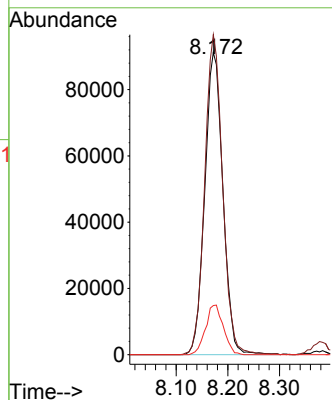
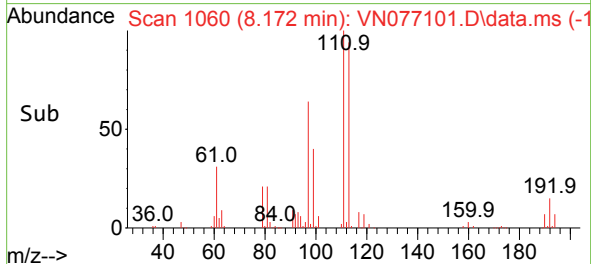


#35
Dibromofluoromethane
Concen: 50.736 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

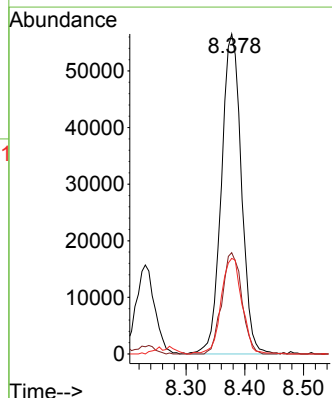
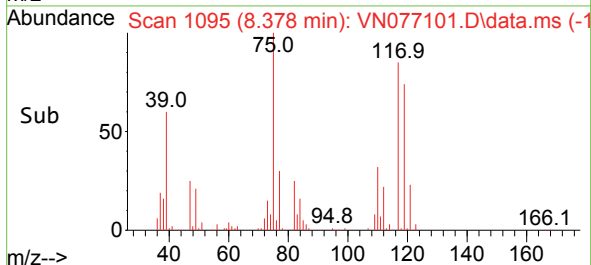
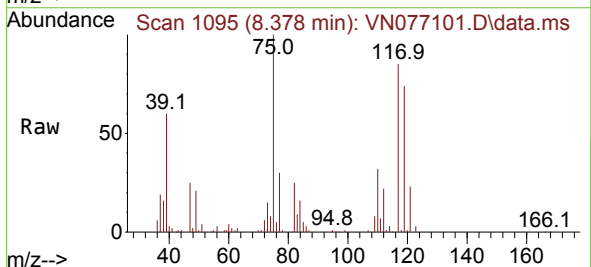


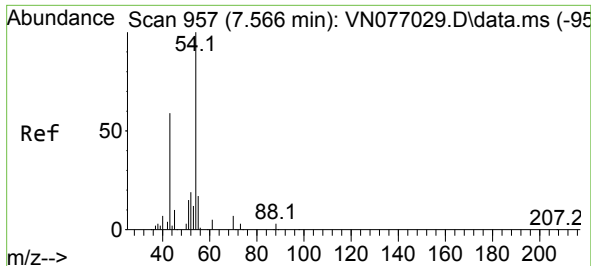
Tgt Ion:113 Resp: 222752
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 16.1 13.0 19.6



#36
1,1-Dichloropropene
Concen: 19.481 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 75 Resp: 133591
Ion Ratio Lower Upper
75 100
110 31.5 15.9 47.7
77 31.2 24.3 36.5

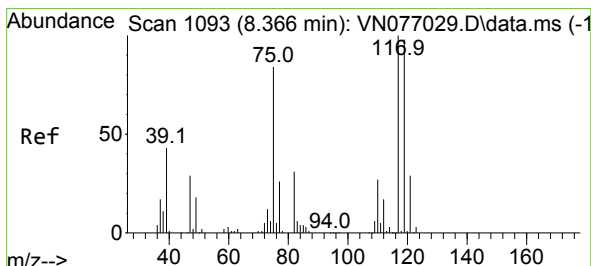
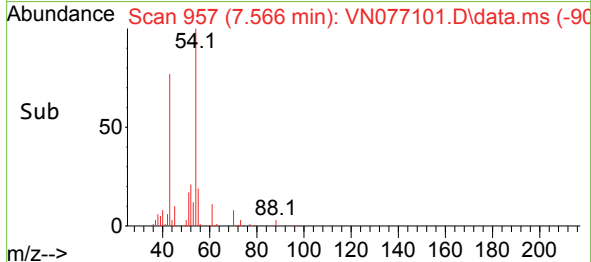
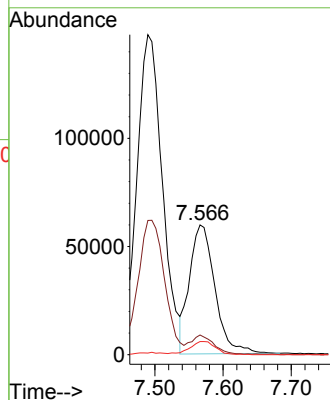
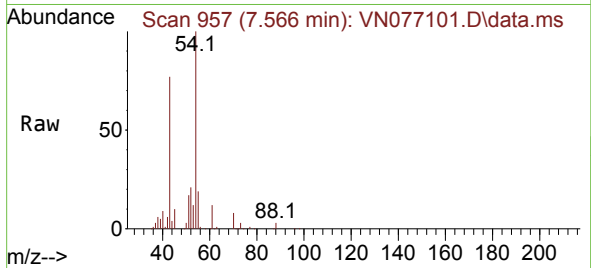




#37
Ethyl Acetate
Concen: 21.029 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

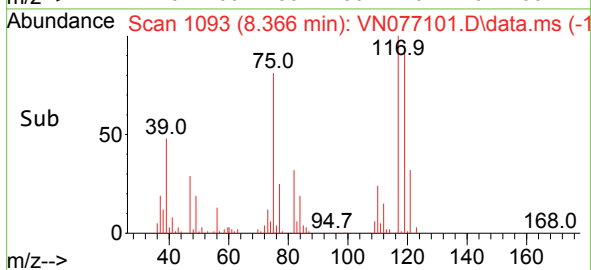
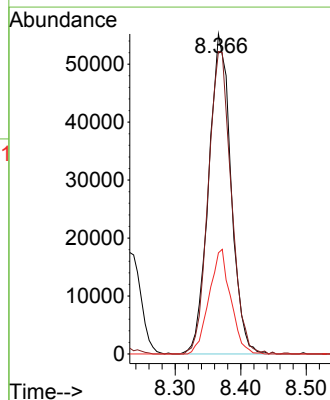
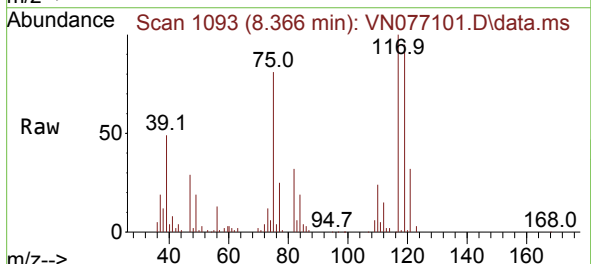
Instrument :
MSVOA_N
ClientSampleId :

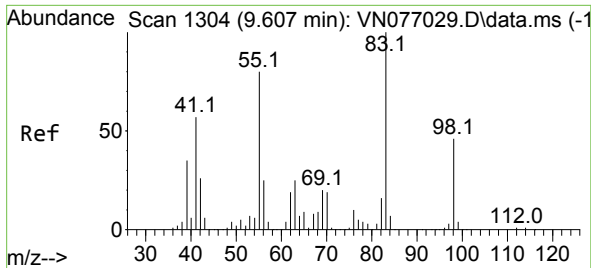
Tgt Ion: 43 Resp: 154287
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.576 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 117 Resp: 130758
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 31.6 23.2 34.8





#39

Methylcyclohexane

Concen: 19.115 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

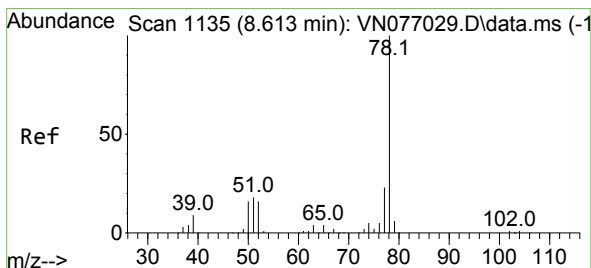
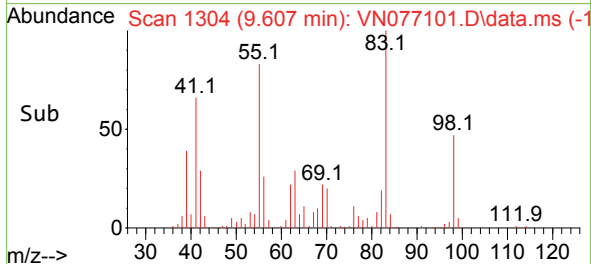
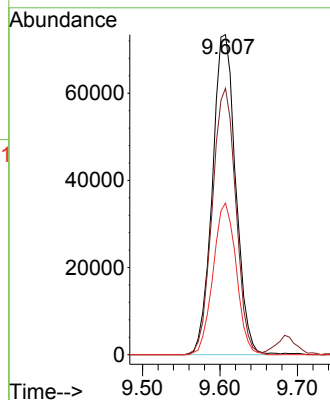
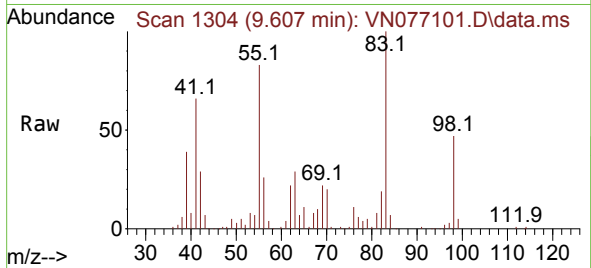
Tgt Ion: 83 Resp: 153430

Ion Ratio Lower Upper

83 100

55 83.2 63.8 95.8

98 47.4 37.1 55.7



#40

Benzene

Concen: 19.827 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077101.D

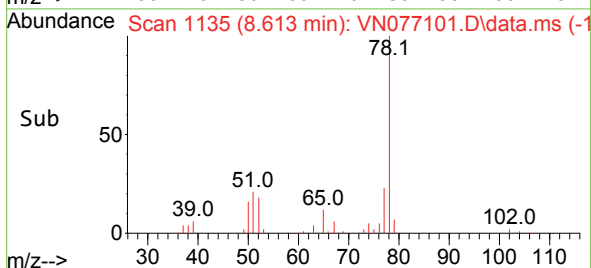
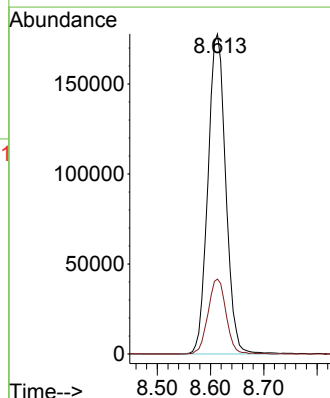
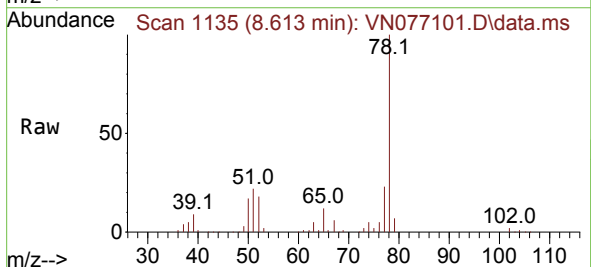
Acq: 22 Mar 2023 12:28

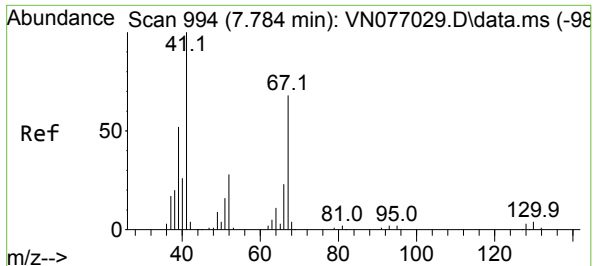
Tgt Ion: 78 Resp: 412333

Ion Ratio Lower Upper

78 100

77 23.4 18.5 27.7

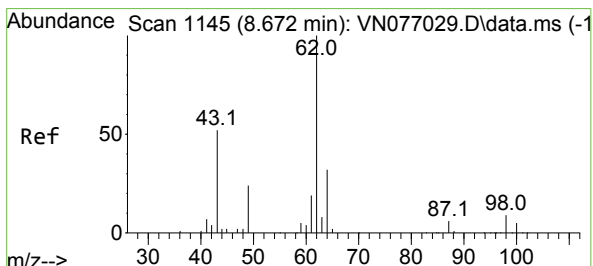
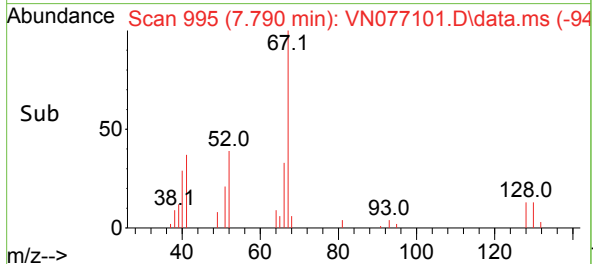
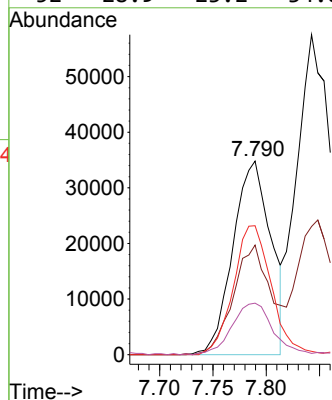
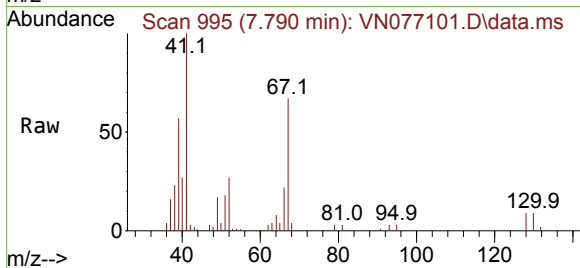




#41
Methacrylonitrile
Concen: 21.827 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

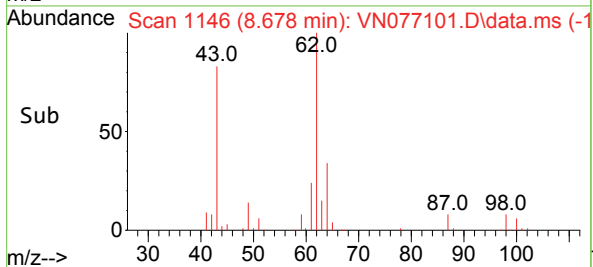
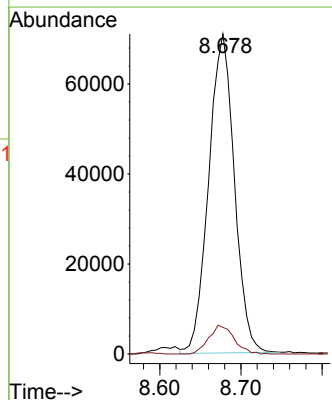
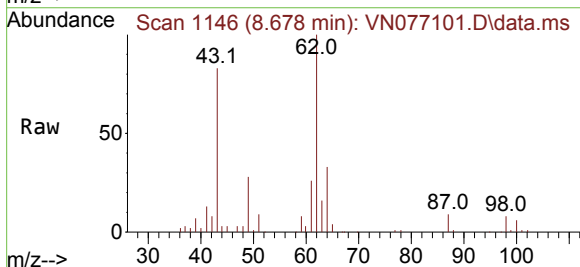
Instrument :
MSVOA_N
ClientSampleId :

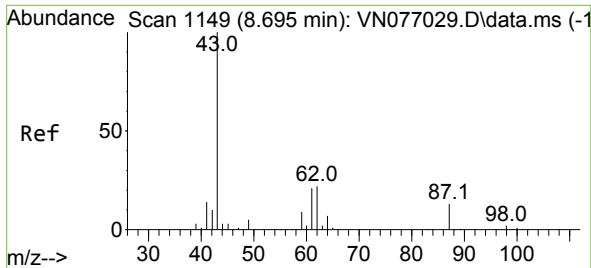
Tgt Ion:	41	Resp:	86273
Ion	Ratio	Lower	Upper
41	100		
39	58.3	41.6	62.4
67	66.8	53.8	80.8
52	28.9	23.2	34.8



#42
1,2-Dichloroethane
Concen: 20.735 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion:	62	Resp:	155827
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.4

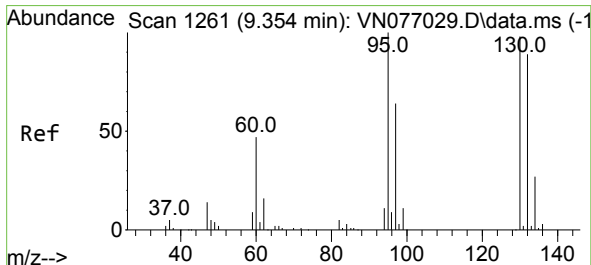
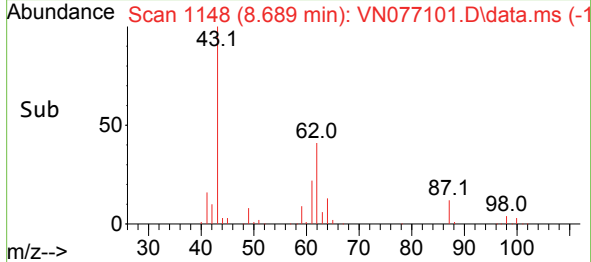
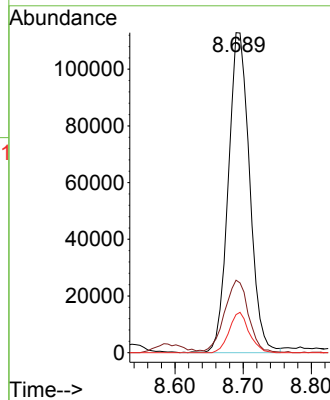
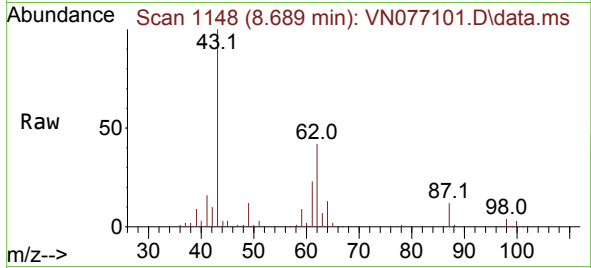




#43
Isopropyl Acetate
Concen: 21.388 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

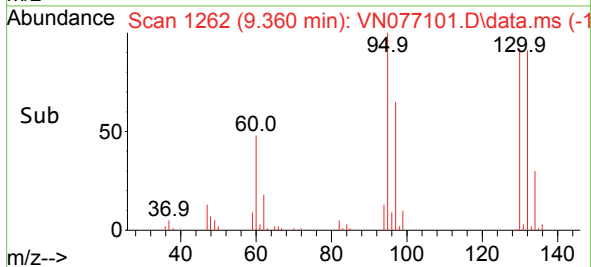
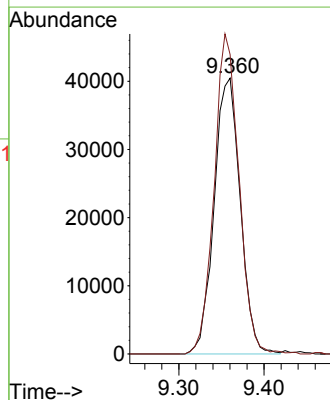
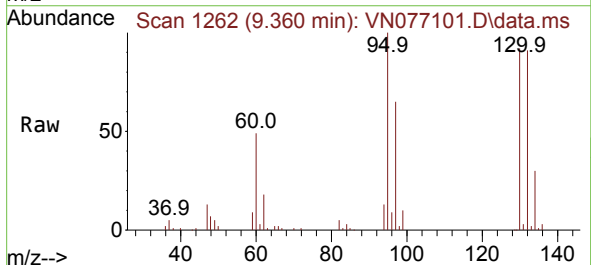
Instrument :
MSVOA_N
ClientSampleId :

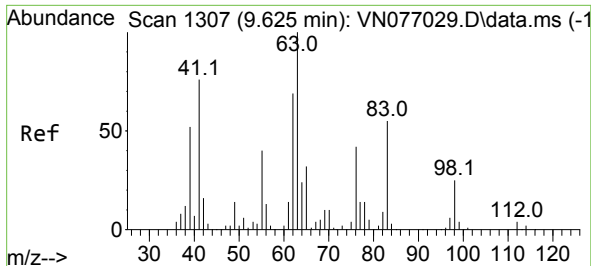
Tgt Ion: 43 Resp: 245142
Ion Ratio Lower Upper
43 100
61 25.5 20.6 30.8
87 11.8 10.0 15.0



#44
Trichloroethene
Concen: 18.079 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion:130 Resp: 86365
Ion Ratio Lower Upper
130 100
95 108.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.328 ug/l

RT: 9.625 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Instrument :

MSVOA_N

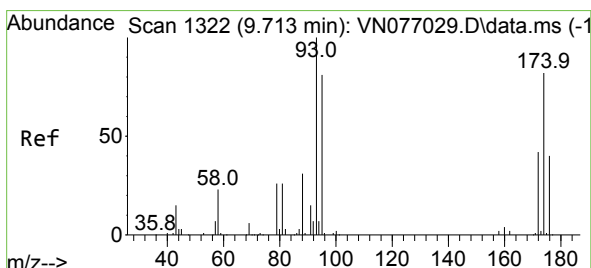
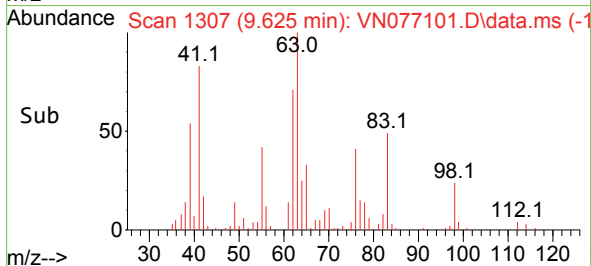
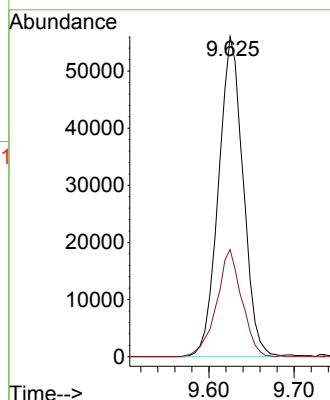
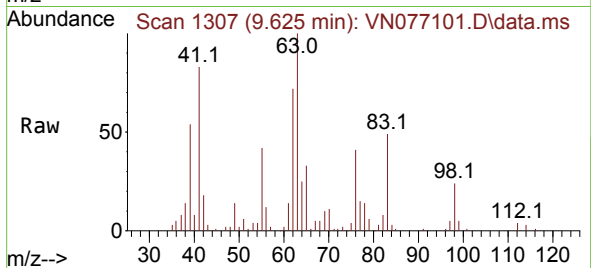
ClientSampleId :

Tgt Ion: 63 Resp: 112285

Ion Ratio Lower Upper

63 100

65 33.4 25.5 38.3



#46

Dibromomethane

Concen: 19.687 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

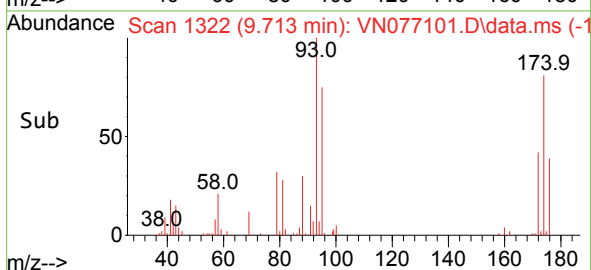
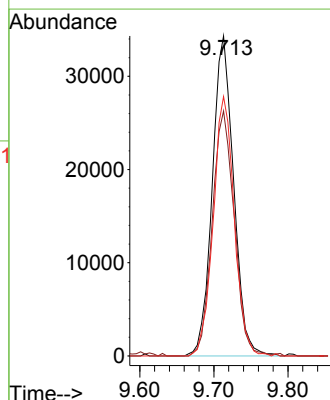
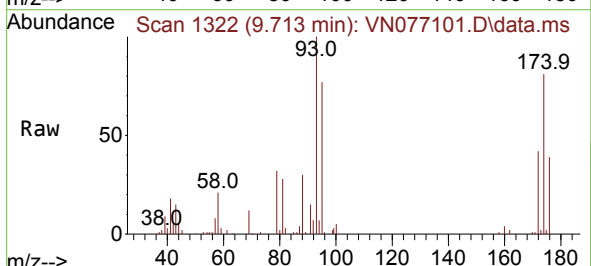
Tgt Ion: 93 Resp: 68582

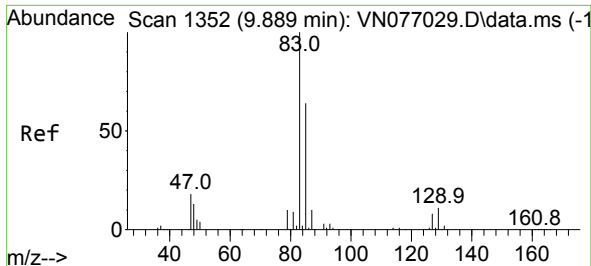
Ion Ratio Lower Upper

93 100

95 79.3 65.7 98.5

174 80.0 66.4 99.6





#47

Bromodichloromethane

Concen: 19.845 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

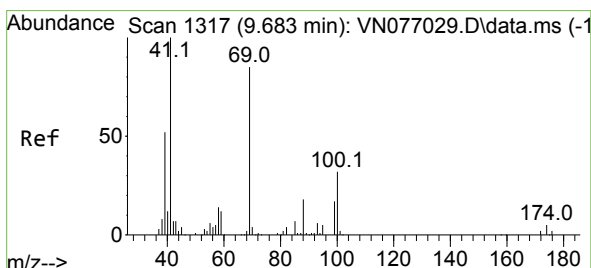
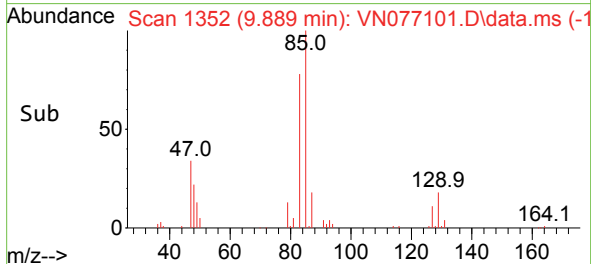
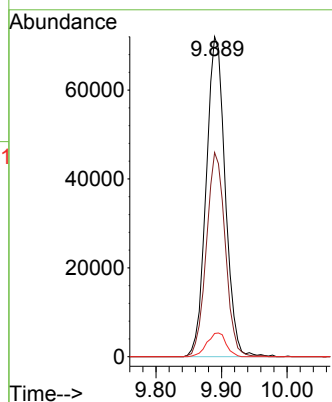
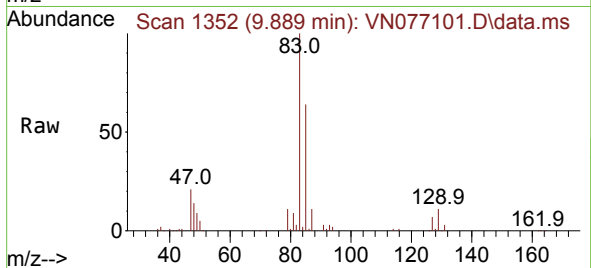
Tgt Ion: 83 Resp: 144987

Ion Ratio Lower Upper

83 100

85 63.8 51.0 76.4

127 7.3 6.1 9.1



#48

Methyl methacrylate

Concen: 22.513 ug/l

RT: 9.684 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

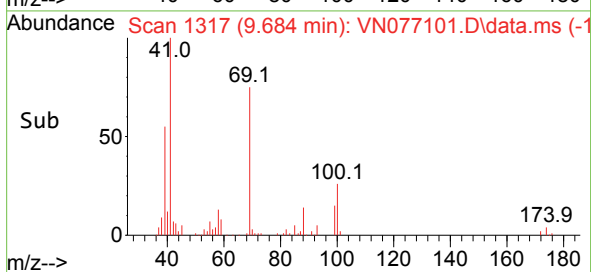
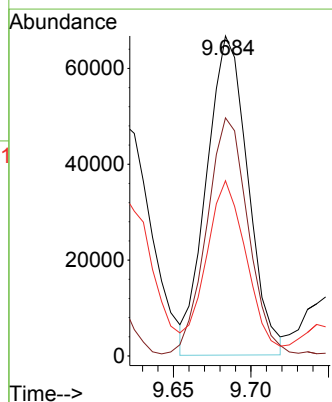
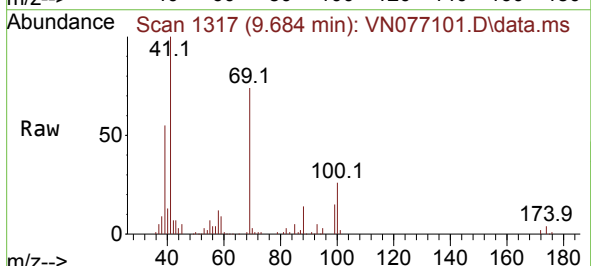
Tgt Ion: 41 Resp: 123357

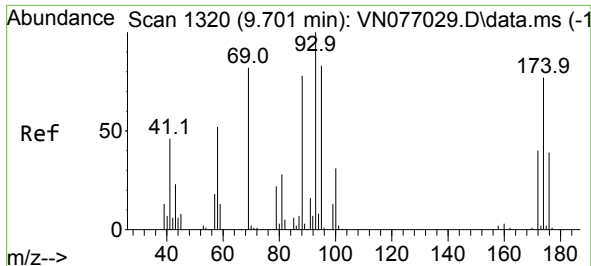
Ion Ratio Lower Upper

41 100

69 76.7 64.3 96.5

39 53.9 43.2 64.8





#49

1,4-Dioxane

Concen: 405.976 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.000 min

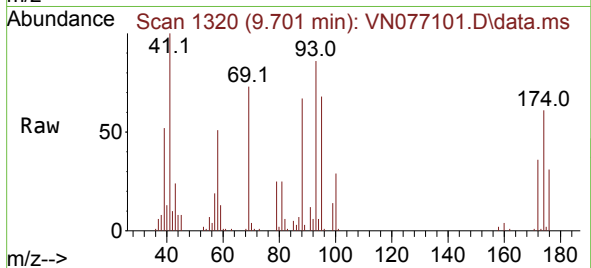
Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :



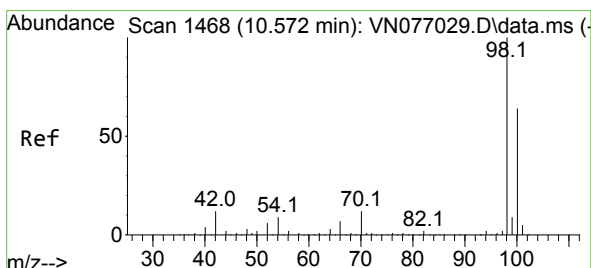
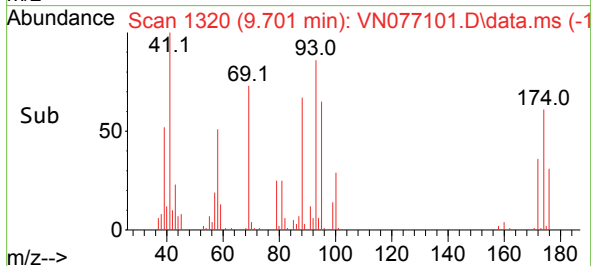
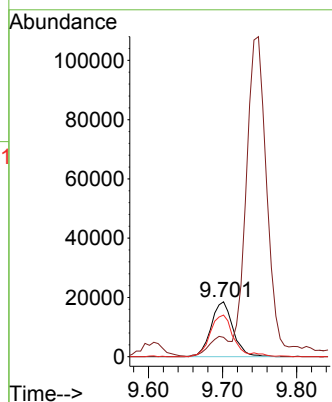
Tgt Ion: 88 Resp: 37994

Ion Ratio Lower Upper

88 100

43 36.6 22.2 33.2#

58 81.6 60.8 91.2



#50

Toluene-d8

Concen: 52.305 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077101.D

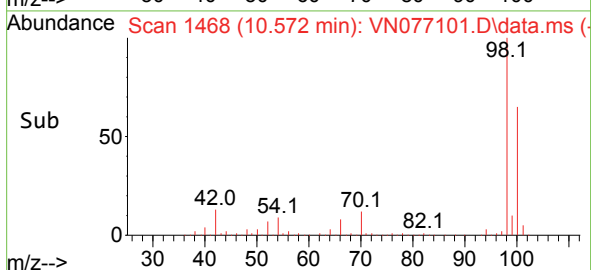
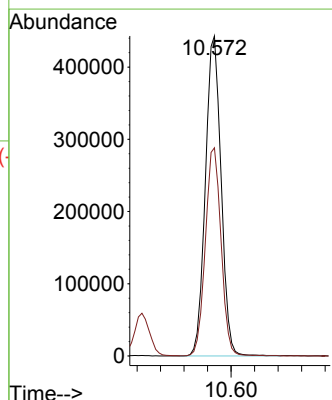
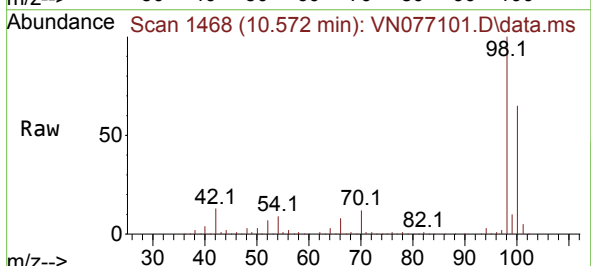
Acq: 22 Mar 2023 12:28

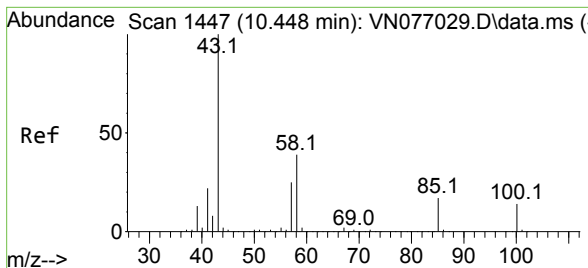
Tgt Ion: 98 Resp: 820310

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

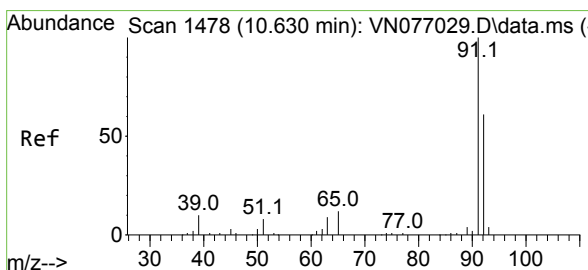
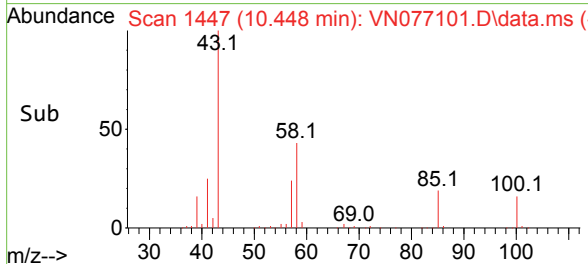
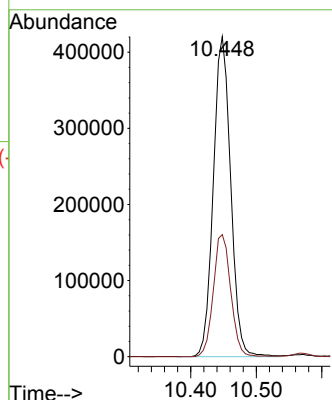
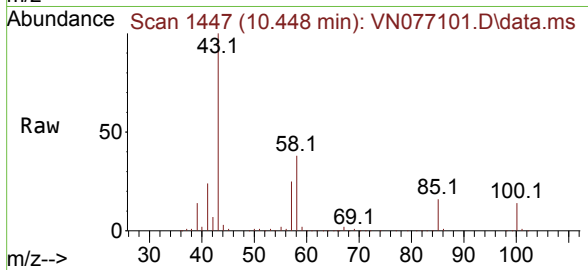




#51
4-Methyl-2-Pentanone
Concen: 108.204 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

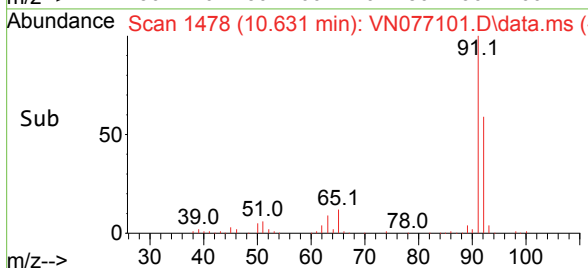
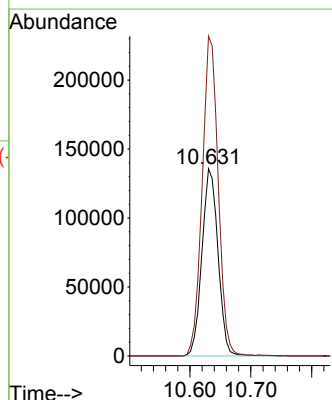
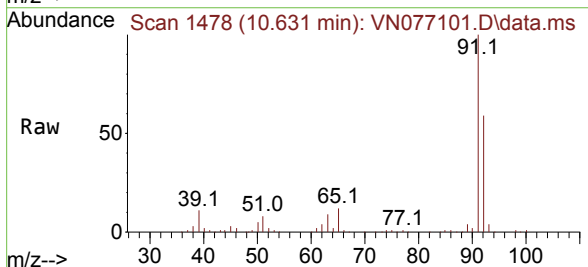
Instrument :
MSVOA_N
ClientSampleId :

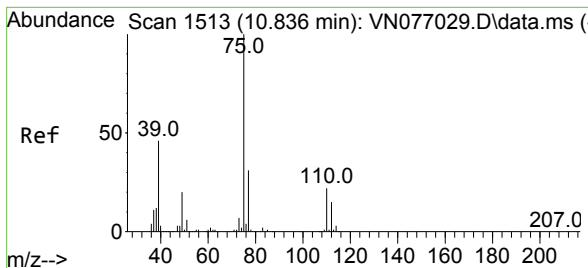
Tgt Ion: 43 Resp: 772292
Ion Ratio Lower Upper
43 100
58 38.4 31.1 46.7



#52
Toluene
Concen: 20.029 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 92 Resp: 248702
Ion Ratio Lower Upper
92 100
91 170.3 135.8 203.8

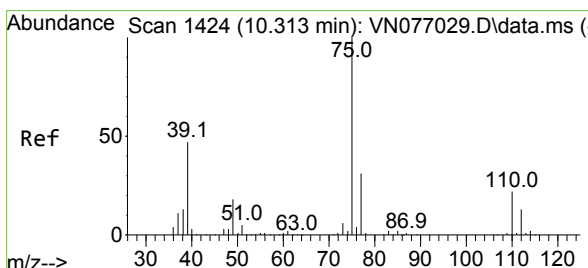
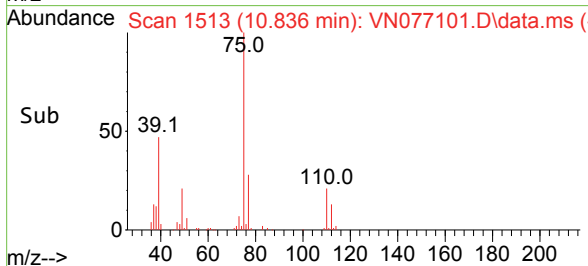
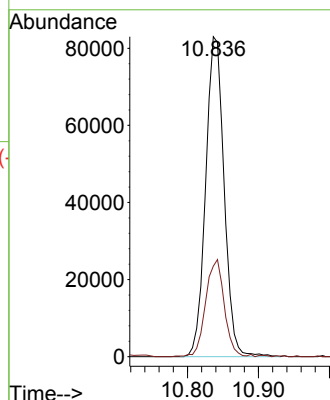
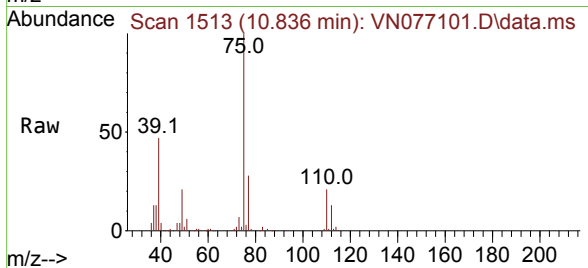




#53
 t-1,3-Dichloropropene
 Concen: 20.959 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077101.D
 Acq: 22 Mar 2023 12:28

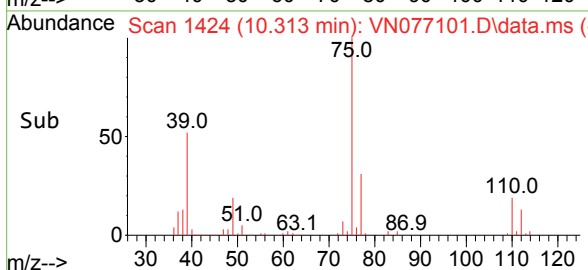
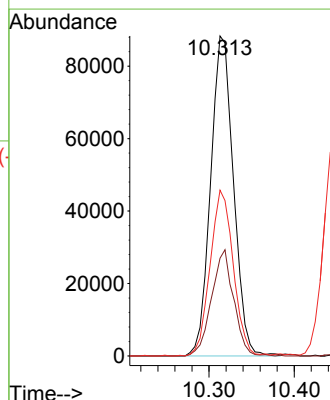
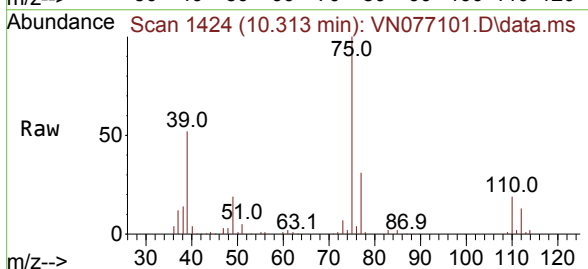
Instrument :
 MSVOA_N
 ClientSampleId :

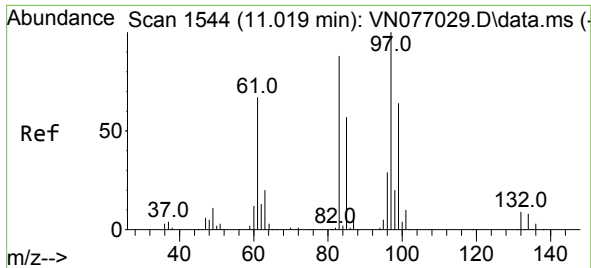
Tgt Ion: 75 Resp: 150079
 Ion Ratio Lower Upper
 75 100
 77 28.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.430 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077101.D
 Acq: 22 Mar 2023 12:28

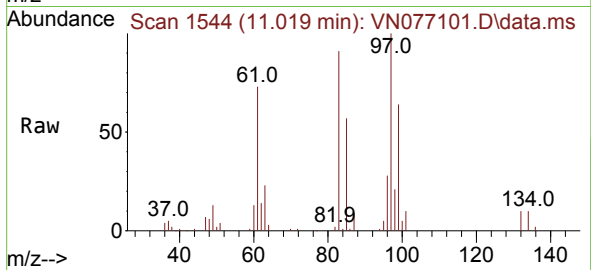
Tgt Ion: 75 Resp: 165063
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.5 36.7
 39 51.6 37.8 56.6



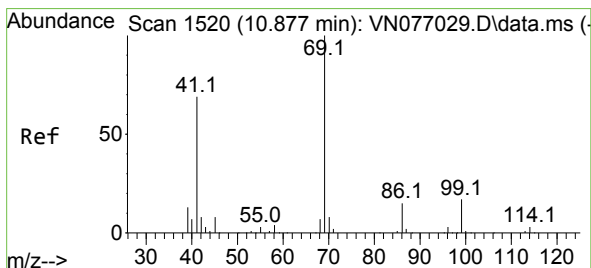
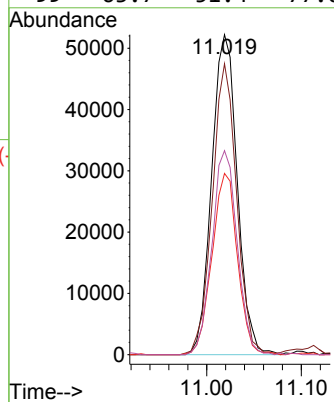
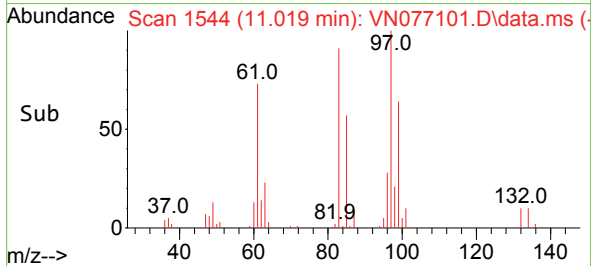


#55
1,1,2-Trichloroethane
Concen: 19.975 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

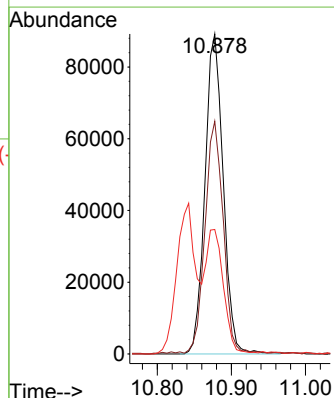
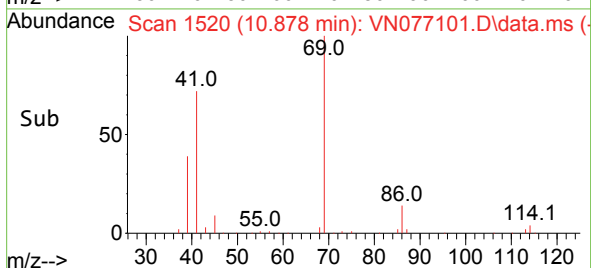
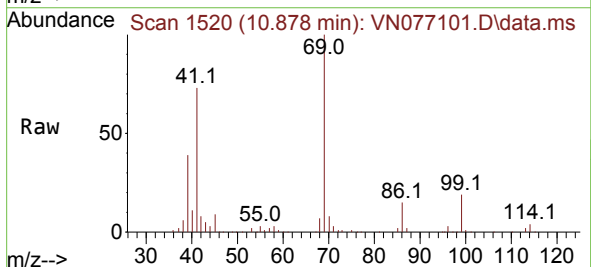


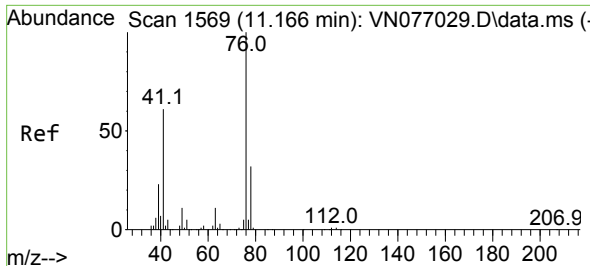
Tgt Ion:	97	Resp:	97808
Ion	Ratio	Lower	Upper
97	100		
83	90.9	70.5	105.7
85	56.7	45.4	68.2
99	63.7	51.4	77.0



#56
Ethyl methacrylate
Concen: 20.726 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion:	69	Resp:	152606
Ion	Ratio	Lower	Upper
69	100		
41	72.0	54.9	82.3
39	36.5	26.6	40.0

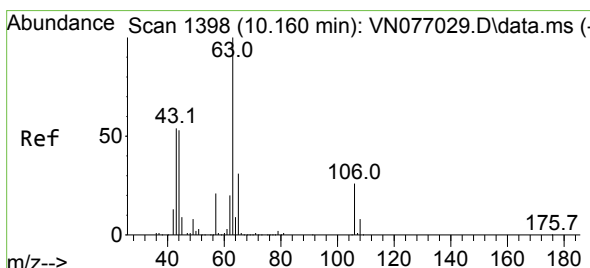
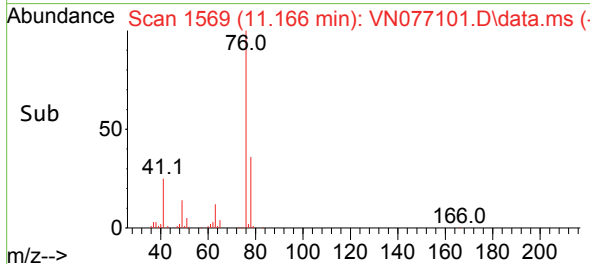
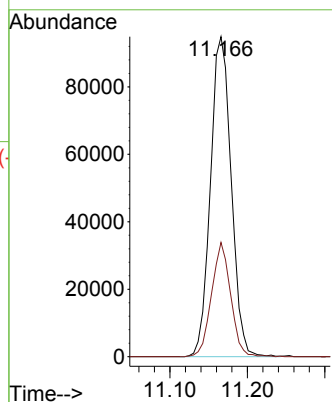
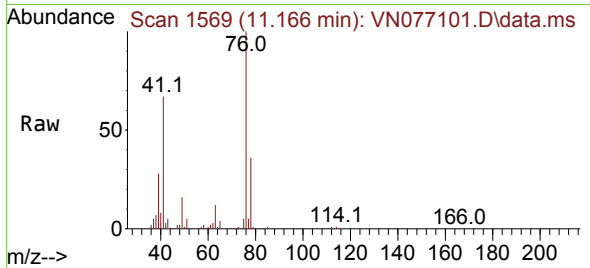




#57
1,3-Dichloropropane
Concen: 19.720 ug/l
RT: 11.166 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

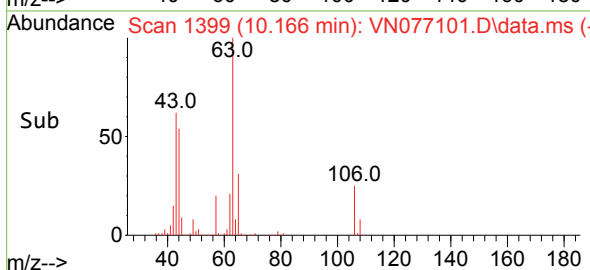
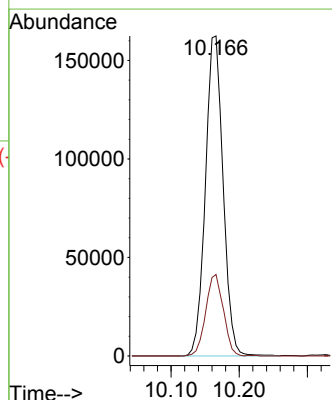
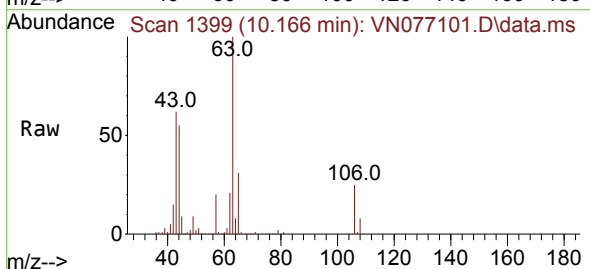
Instrument :
MSVOA_N
ClientSampleId :

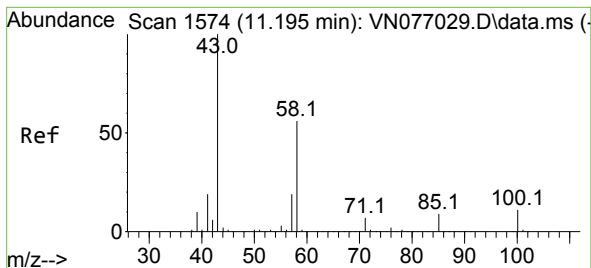
Tgt Ion: 76 Resp: 176789
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 93.387 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 63 Resp: 293146
Ion Ratio Lower Upper
63 100
106 25.4 20.6 31.0





#59

2-Hexanone

Concen: 108.359 ug/l

RT: 11.195 min Scan# 1574

Delta R.T. 0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Instrument :

MSVOA_N

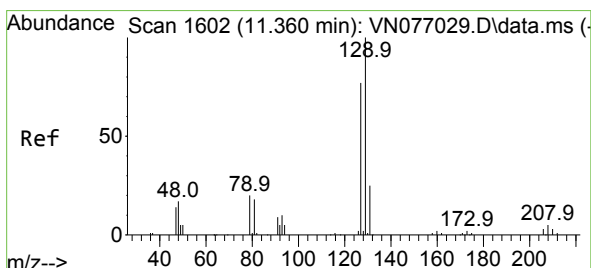
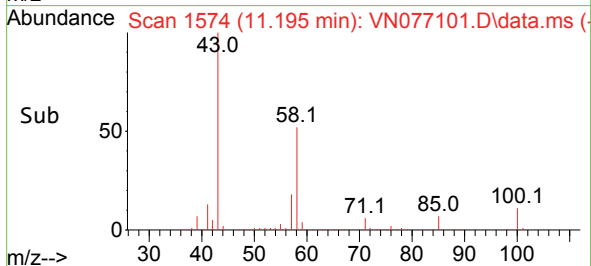
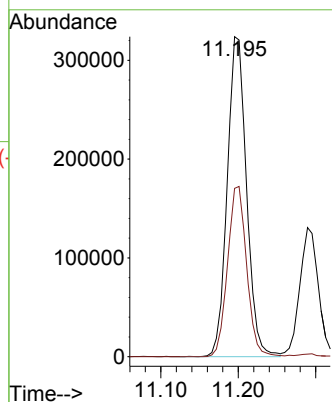
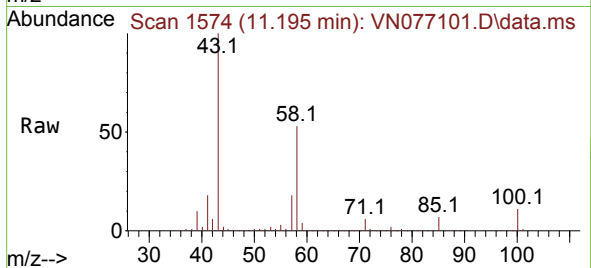
ClientSampleId :

Tgt Ion: 43 Resp: 560952

Ion Ratio Lower Upper

43 100

58 52.7 27.7 83.1



#60

Dibromochloromethane

Concen: 19.553 ug/l

RT: 11.360 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VN077101.D

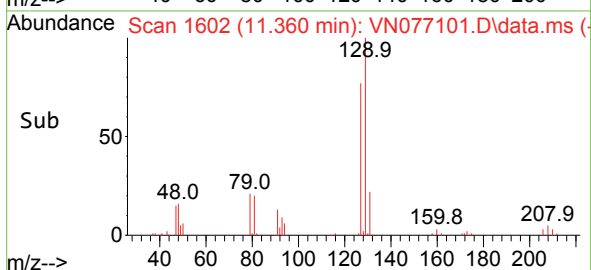
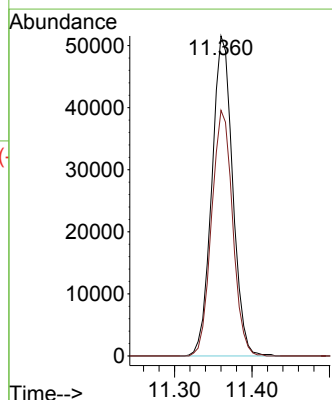
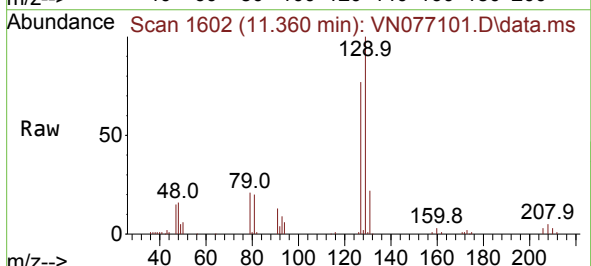
Acq: 22 Mar 2023 12:28

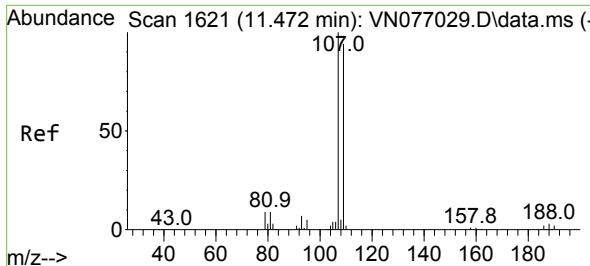
Tgt Ion:129 Resp: 96174

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.7

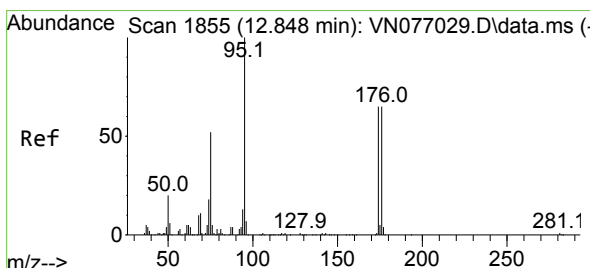
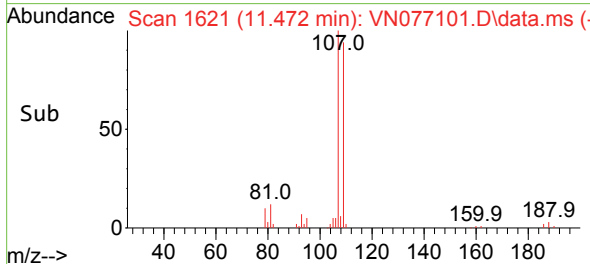
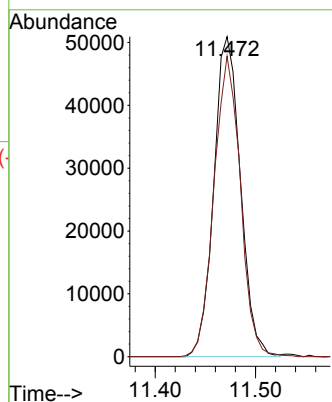
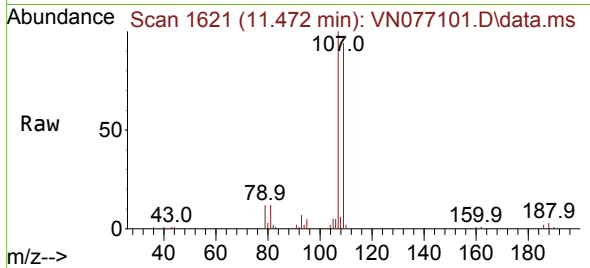




#61
1,2-Dibromoethane
Concen: 19.322 ug/l
RT: 11.472 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

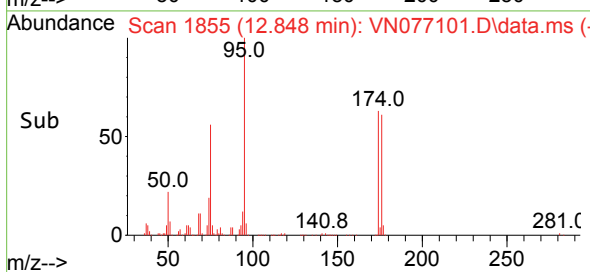
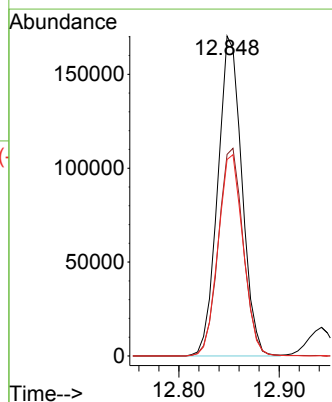
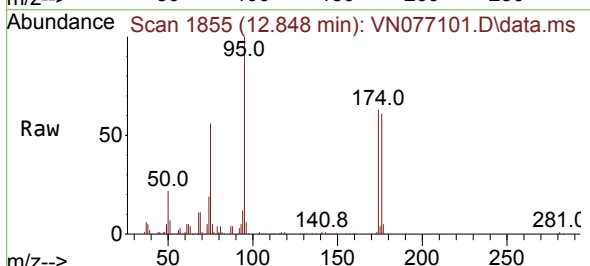
Instrument :
MSVOA_N
ClientSampleId :

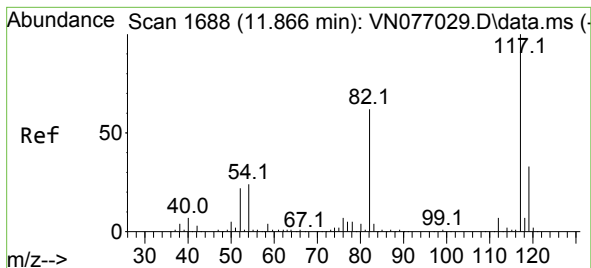
Tgt Ion:107 Resp: 93824
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.423 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 95 Resp: 284977
Ion Ratio Lower Upper
95 100
174 66.8 0.0 136.6
176 65.3 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

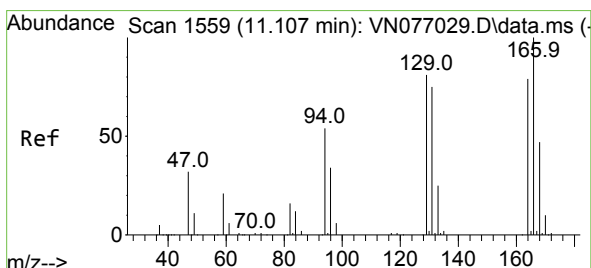
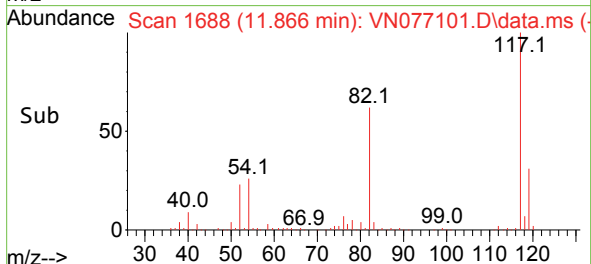
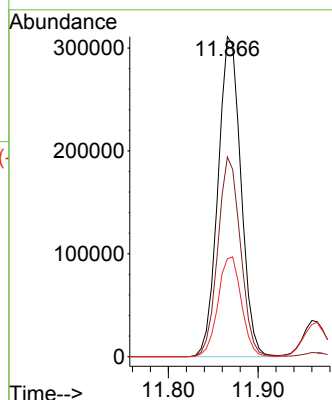
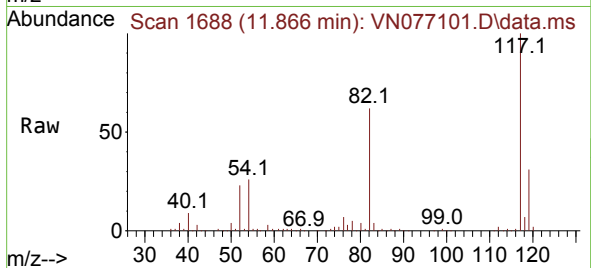
Tgt Ion:117 Resp: 551808

Ion Ratio Lower Upper

117 100

82 62.4 49.4 74.0

119 30.6 26.5 39.7



#64

Tetrachloroethene

Concen: 18.712 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Tgt Ion:164 Resp: 69298

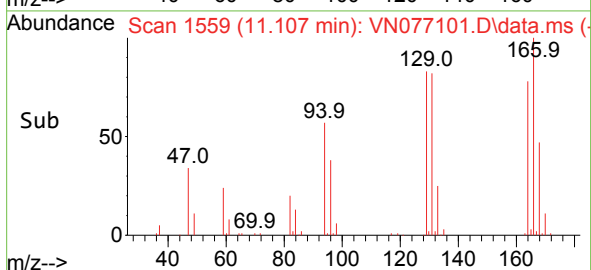
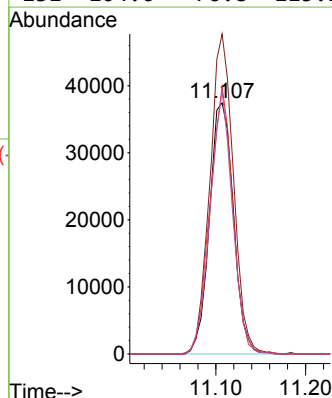
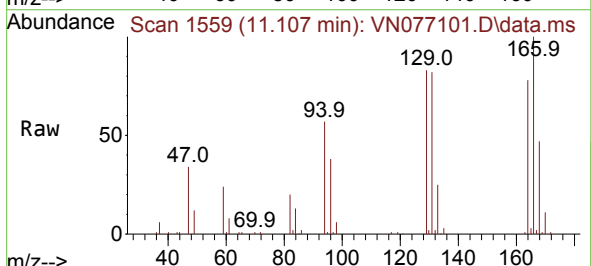
Ion Ratio Lower Upper

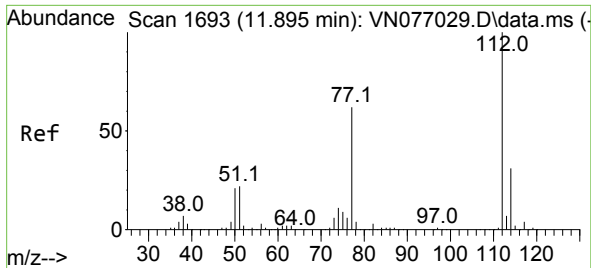
164 100

166 127.5 101.9 152.9

129 106.4 82.6 123.8

131 104.6 76.8 115.2

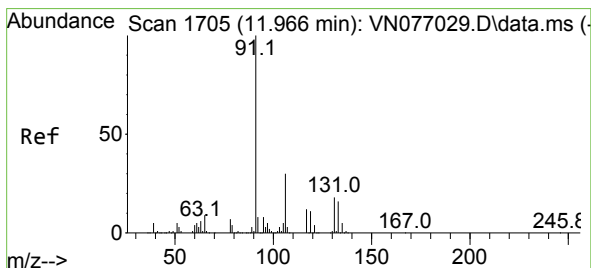
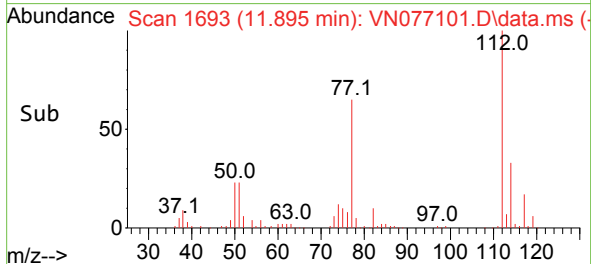
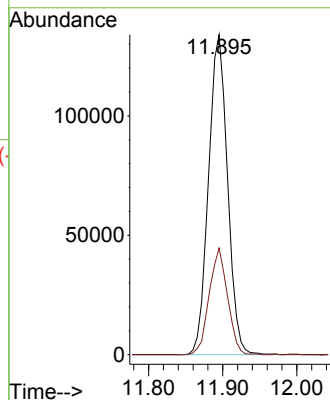
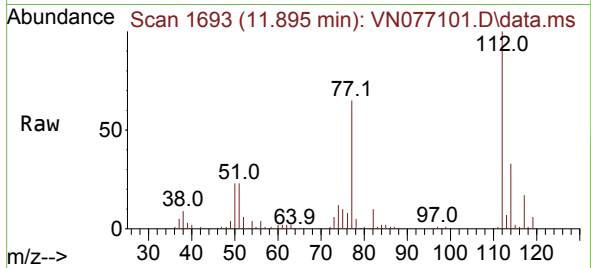




#65
Chlorobenzene
Concen: 18.820 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

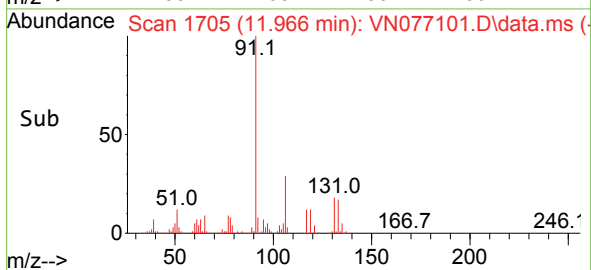
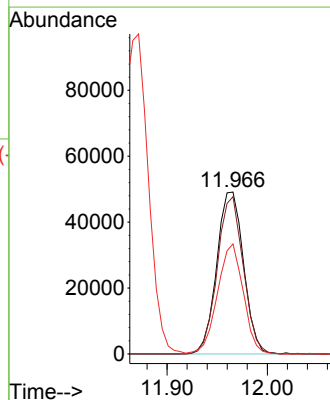
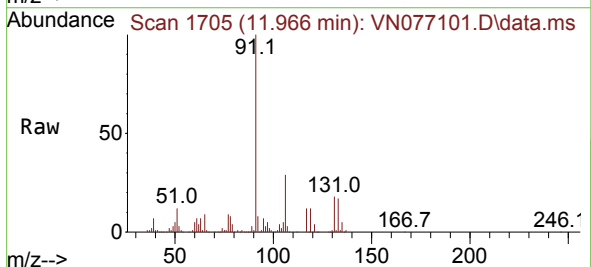
Instrument :
MSVOA_N
ClientSampleId :

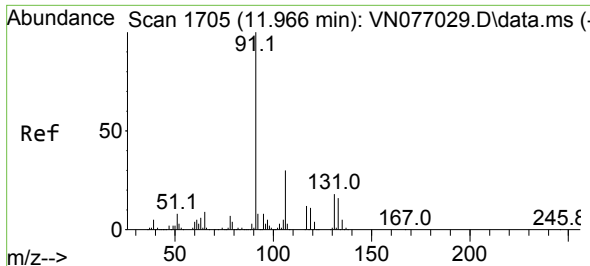
Tgt Ion:112 Resp: 238940
Ion Ratio Lower Upper
112 100
114 33.3 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.446 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion:131 Resp: 91357
Ion Ratio Lower Upper
131 100
133 94.3 46.8 140.3
119 65.2 32.6 97.8

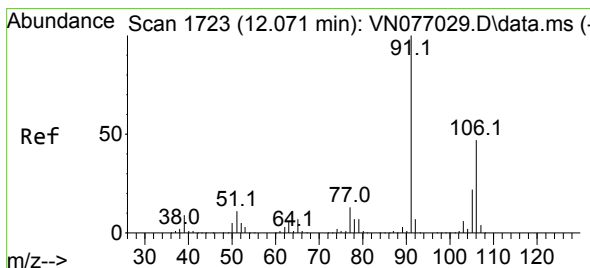
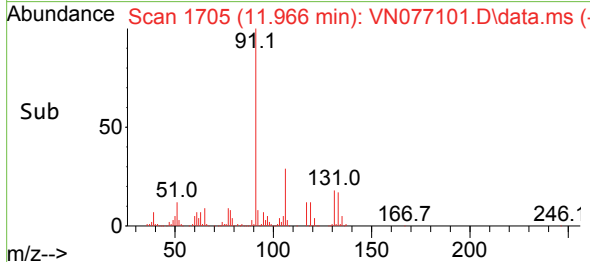
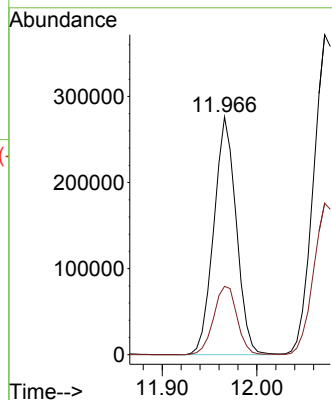
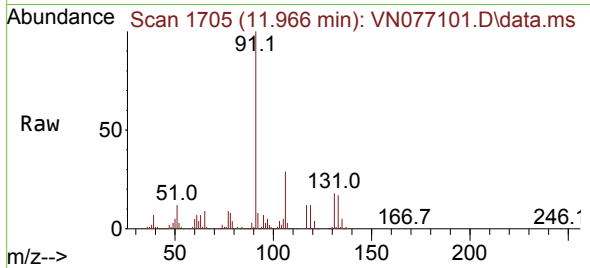




#67
Ethyl Benzene
Concen: 19.738 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

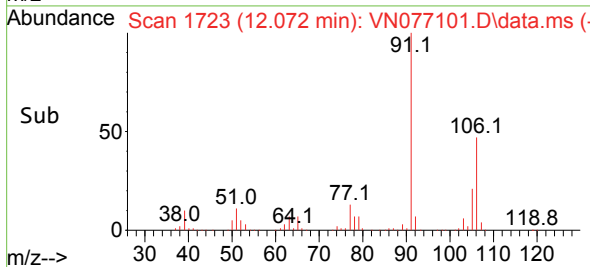
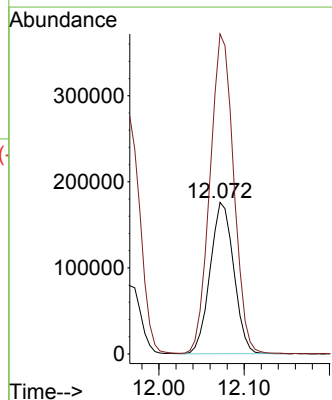
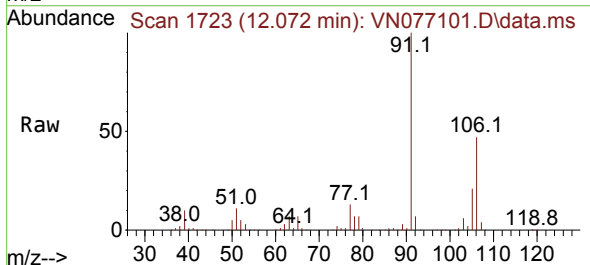
Instrument :
MSVOA_N
ClientSampleId :

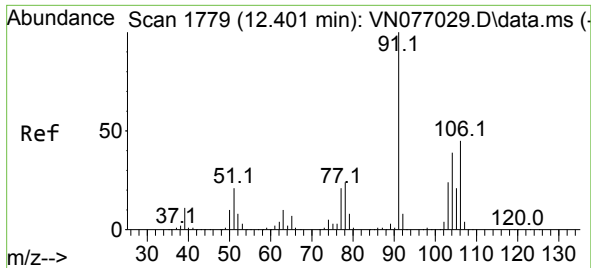
Tgt Ion: 91 Resp: 455189
Ion Ratio Lower Upper
91 100
106 28.8 24.3 36.5



#68
m/p-Xylenes
Concen: 39.602 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion:106 Resp: 338708
Ion Ratio Lower Upper
106 100
91 212.6 168.0 252.0

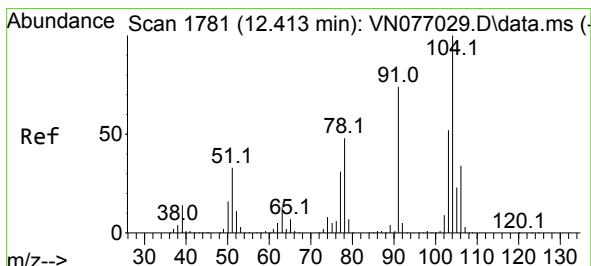
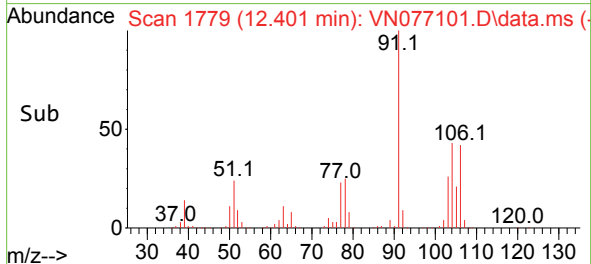
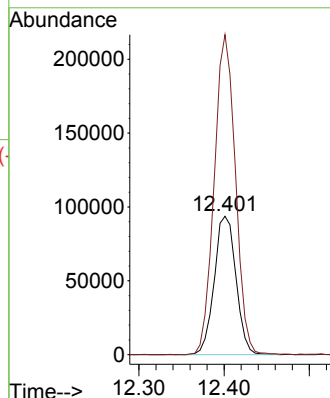
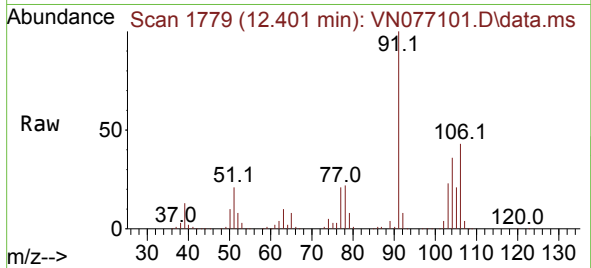




#69
o-Xylene
Concen: 19.580 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

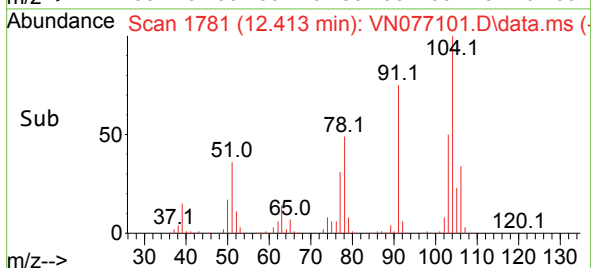
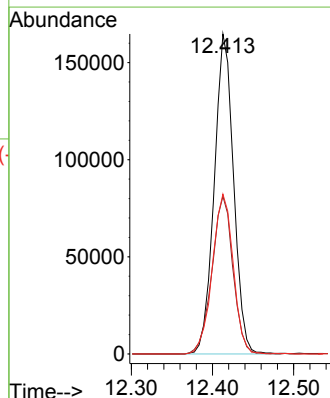
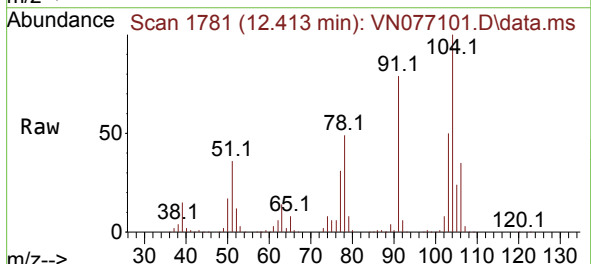
Instrument :
MSVOA_N
ClientSampleId :

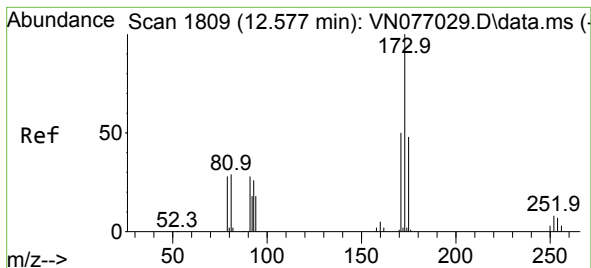
Tgt Ion:106 Resp: 166393
Ion Ratio Lower Upper
106 100
91 226.1 110.3 330.9



#70
Styrene
Concen: 20.647 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion:104 Resp: 273173
Ion Ratio Lower Upper
104 100
78 53.4 41.8 62.8
103 54.0 43.8 65.6





#71

Bromoform

Concen: 19.188 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

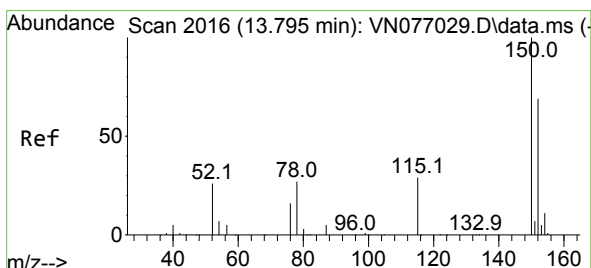
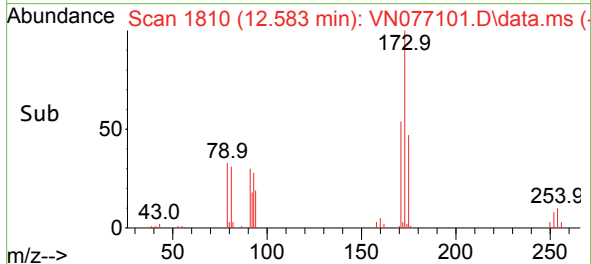
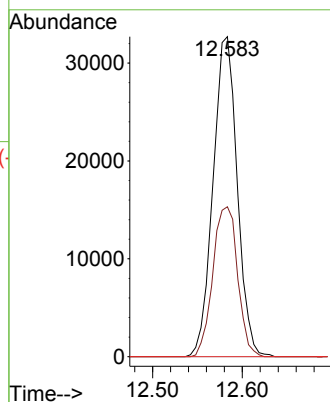
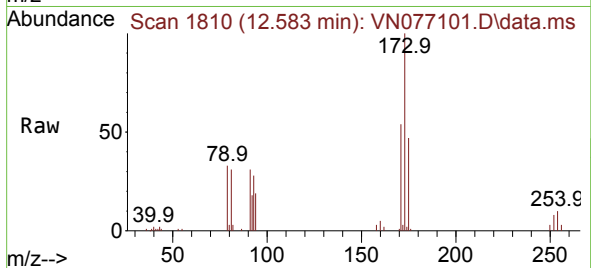
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 61085

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.5	73.5
254	0.0	0.1	0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

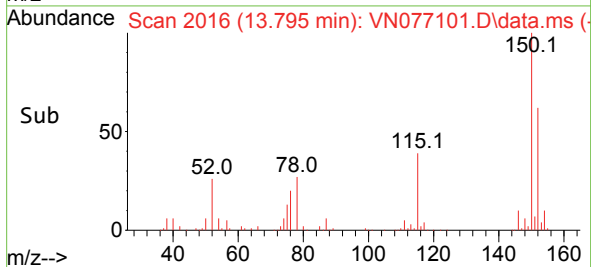
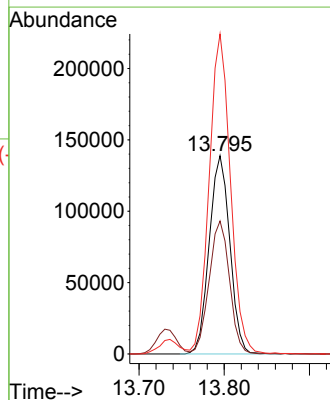
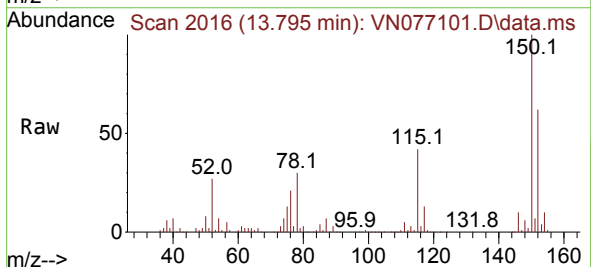
Delta R.T. 0.000 min

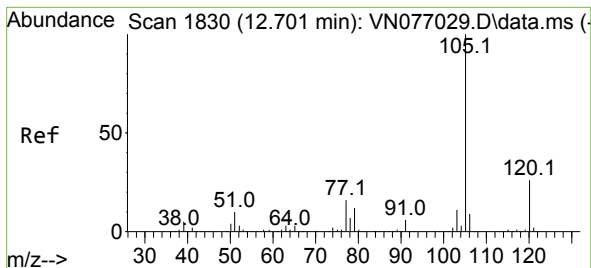
Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Tgt Ion:152 Resp: 233109

Ion	Ratio	Lower	Upper
152	100		
115	66.6	31.9	95.7
150	166.3	0.0	348.0





#73

Isopropylbenzene

Concen: 20.716 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Instrument :

MSVOA_N

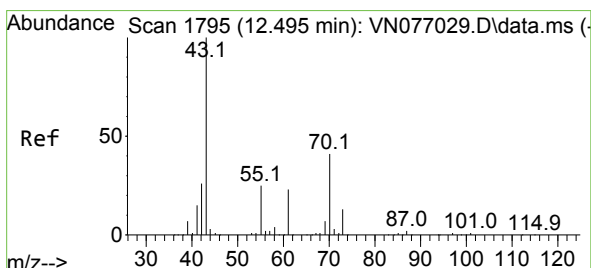
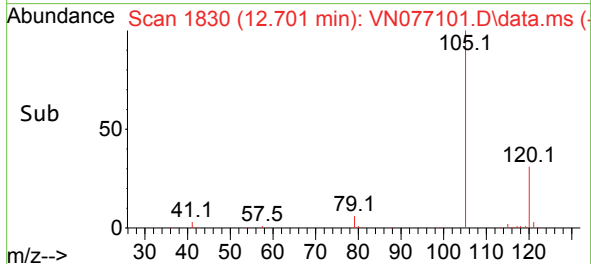
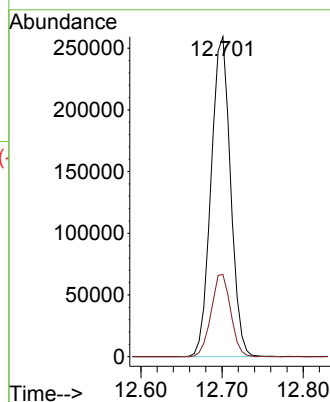
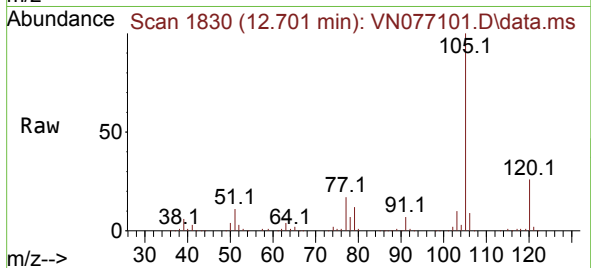
ClientSampleId :

Tgt Ion:105 Resp: 432775

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#74

N-ethyl acetate

Concen: 22.588 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Tgt Ion: 43 Resp: 204243

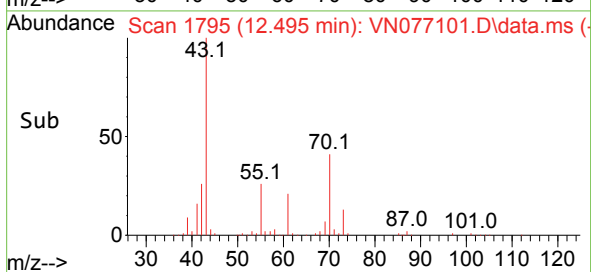
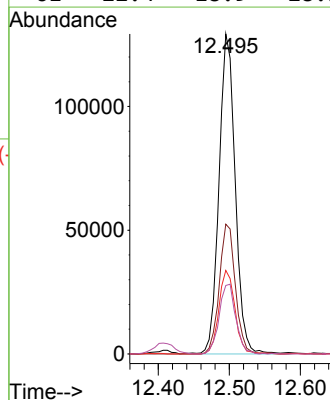
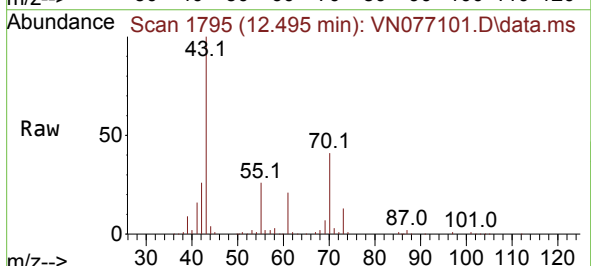
Ion Ratio Lower Upper

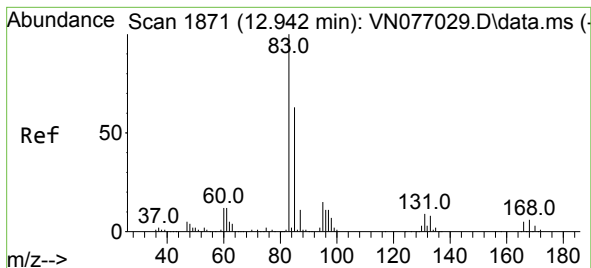
43 100

70 40.2 33.6 50.4

55 25.9 20.3 30.5

61 22.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.787 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

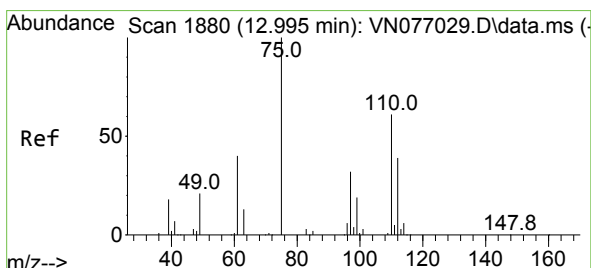
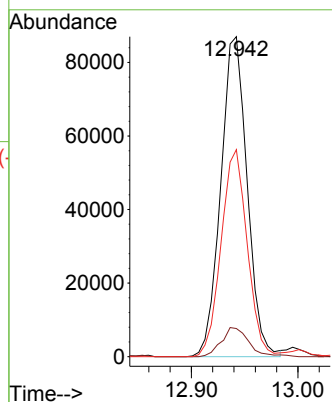
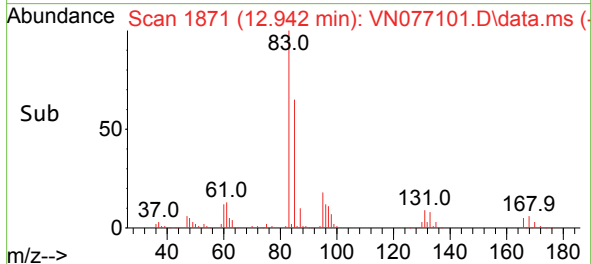
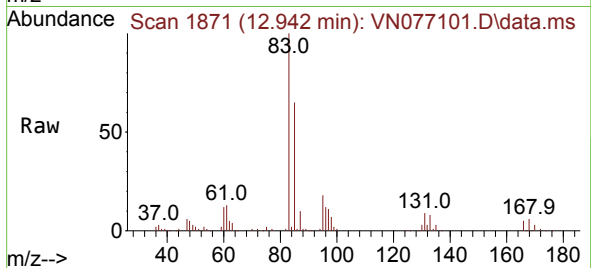
Tgt Ion: 83 Resp: 149755

Ion Ratio Lower Upper

83 100

131 9.5 4.5 13.7

85 64.1 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 31.061 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN077101.D

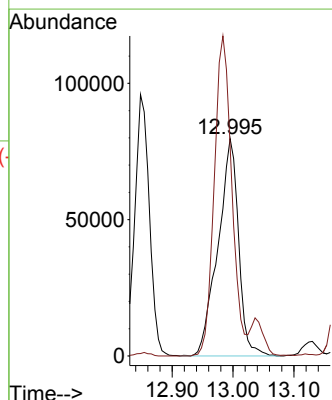
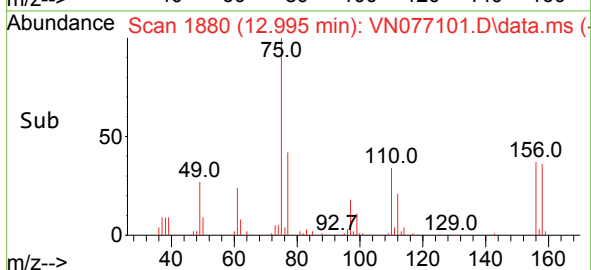
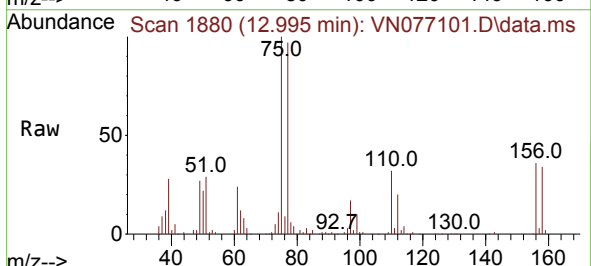
Acq: 22 Mar 2023 12:28

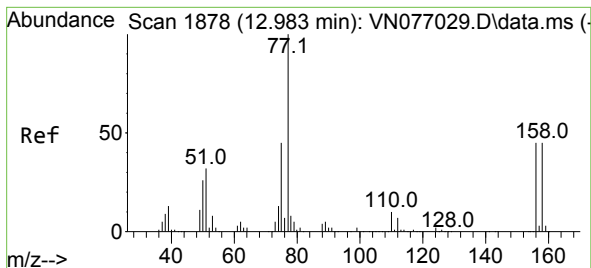
Tgt Ion: 75 Resp: 187290

Ion Ratio Lower Upper

75 100

77 126.0 107.3 322.0





#77

Bromobenzene

Concen: 19.314 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

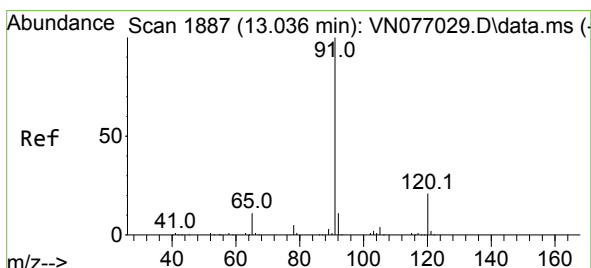
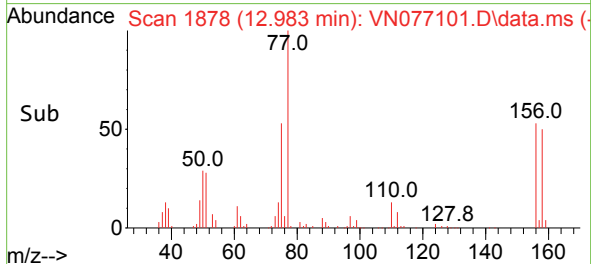
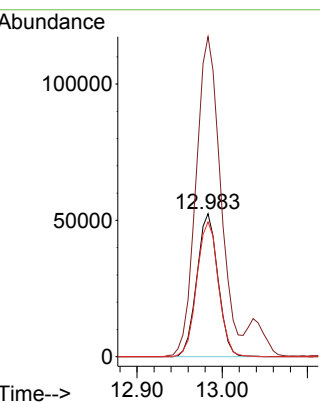
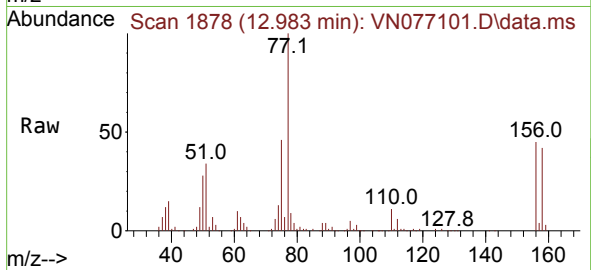
Tgt Ion:156 Resp: 90383

Ion Ratio Lower Upper

156 100

77 261.2 124.8 374.3

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 21.245 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077101.D

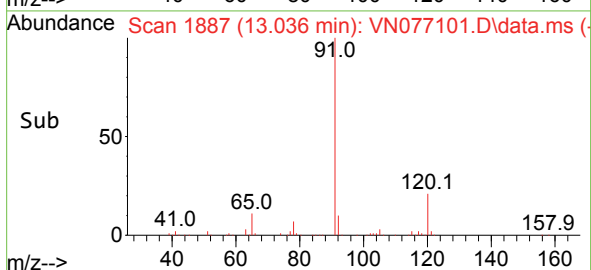
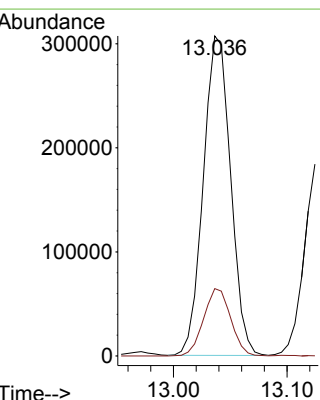
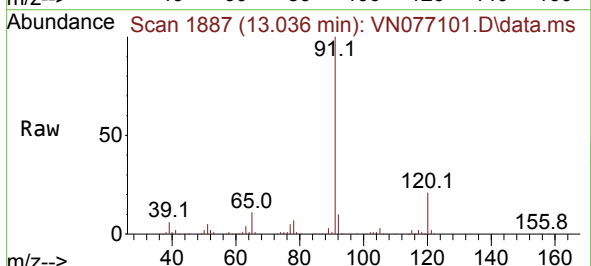
Acq: 22 Mar 2023 12:28

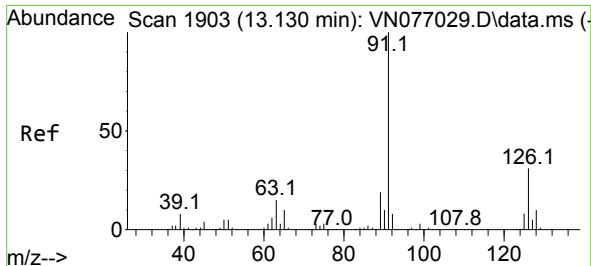
Tgt Ion: 91 Resp: 512350

Ion Ratio Lower Upper

91 100

120 20.9 10.8 32.3

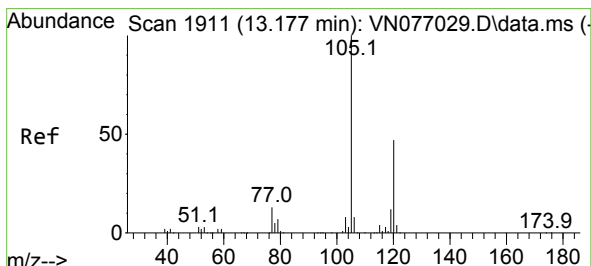
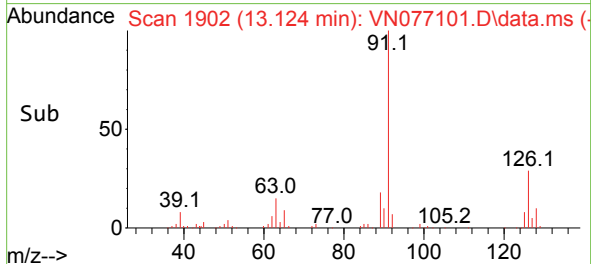
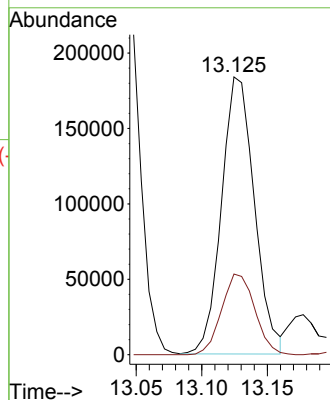
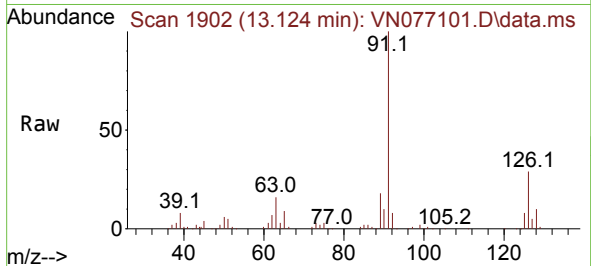




#79
2-Chlorotoluene
Concen: 20.873 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

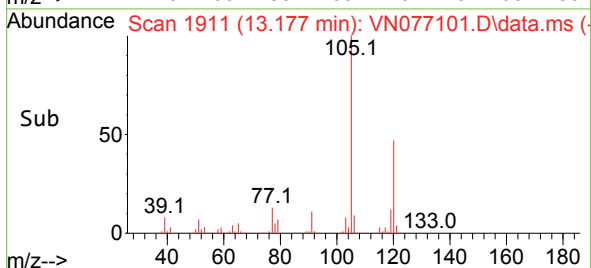
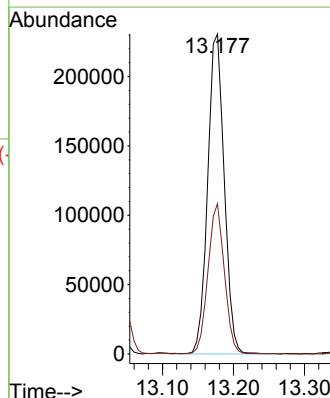
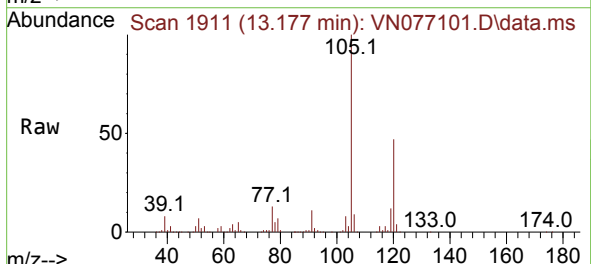
Instrument :
MSVOA_N
ClientSampleId :

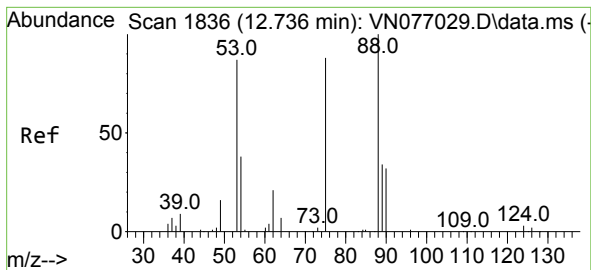
Tgt Ion: 91 Resp: 320750
Ion Ratio Lower Upper
91 100
126 29.3 15.2 45.5



#80
1,3,5-Trimethylbenzene
Concen: 21.452 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion:105 Resp: 374153
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.2

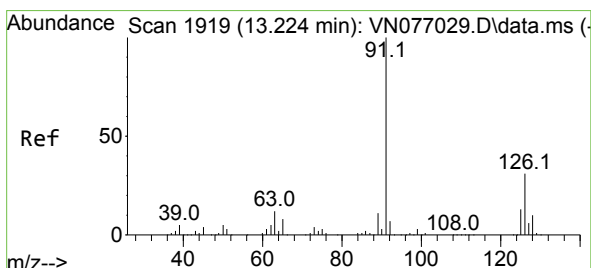
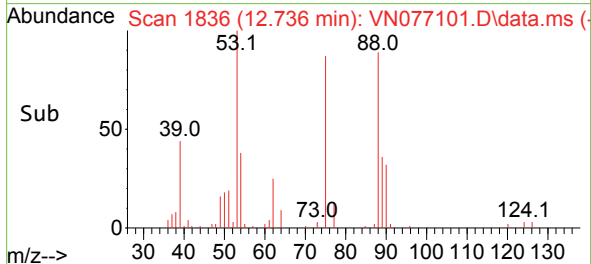
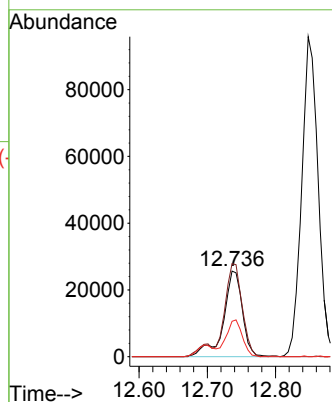
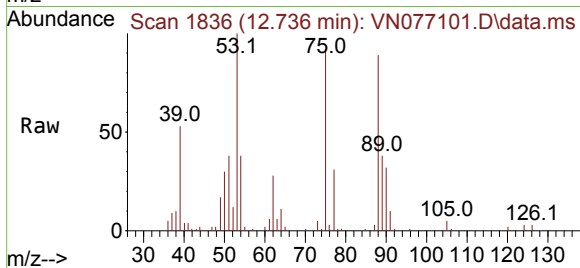




#81
trans-1,4-Dichloro-2-butene
Concen: 22.715 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

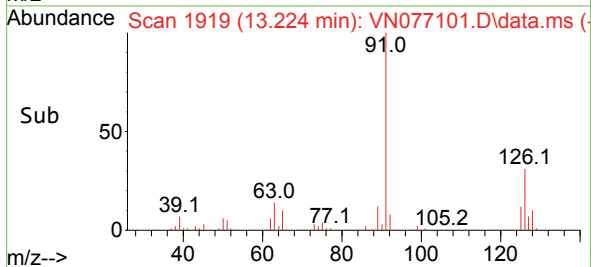
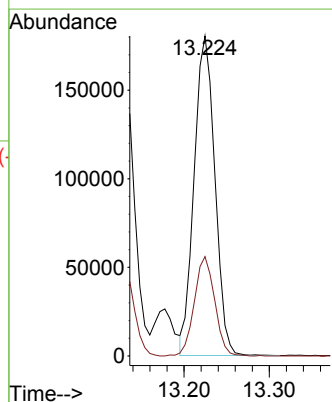
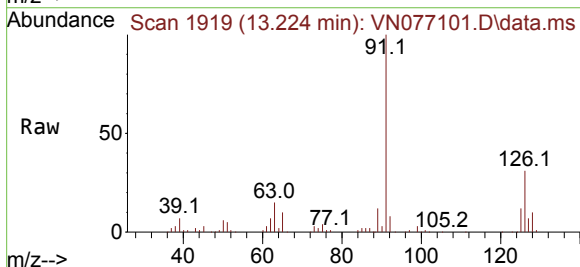
Instrument :
MSVOA_N
ClientSampleId :

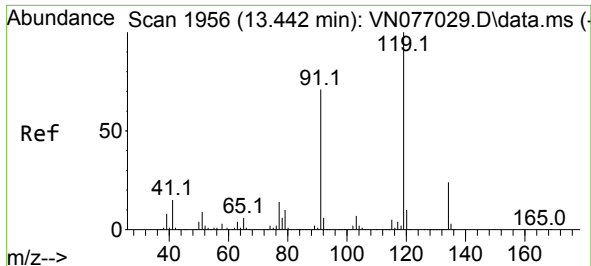
Tgt Ion: 75 Resp: 49758
Ion Ratio Lower Upper
75 100
53 97.8 80.8 121.2
89 36.8 34.2 51.4



#82
4-Chlorotoluene
Concen: 20.866 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion: 91 Resp: 304903
Ion Ratio Lower Upper
91 100
126 30.6 15.5 46.5

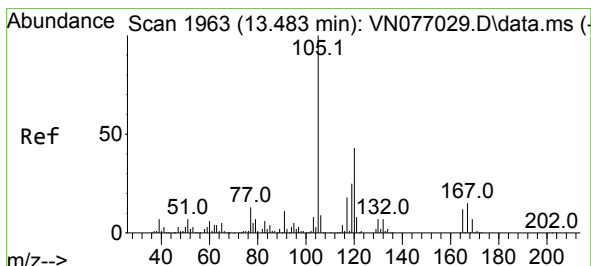
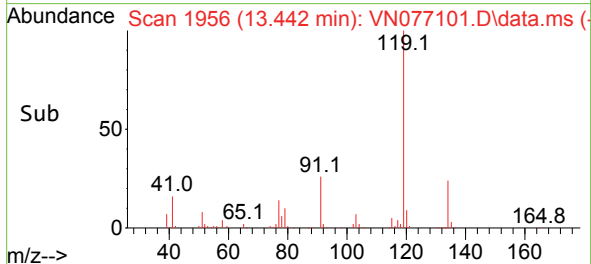
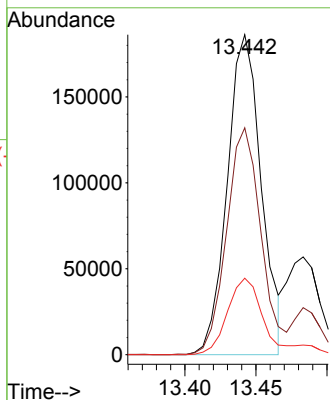
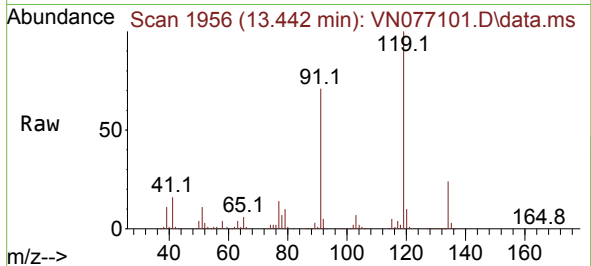




#83
 tert-Butylbenzene
 Concen: 21.195 ug/l
 RT: 13.442 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN077101.D
 Acq: 22 Mar 2023 12:28

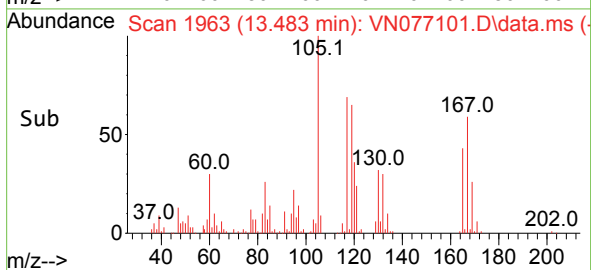
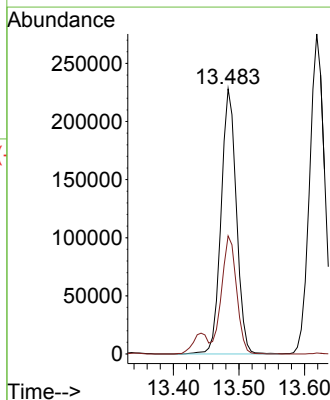
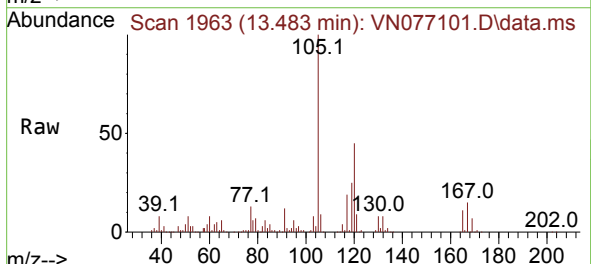
Instrument :
 MSVOA_N
 ClientSampleId :

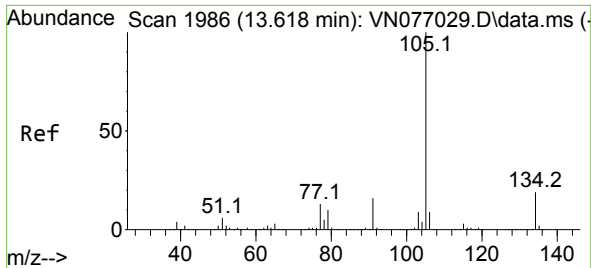
Tgt Ion:119 Resp: 310378
 Ion Ratio Lower Upper
 119 100
 91 71.9 35.8 107.3
 134 26.5 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.115 ug/l
 RT: 13.483 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VN077101.D
 Acq: 22 Mar 2023 12:28

Tgt Ion:105 Resp: 367519
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.8 65.3

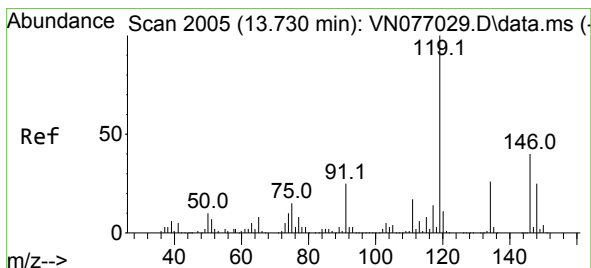
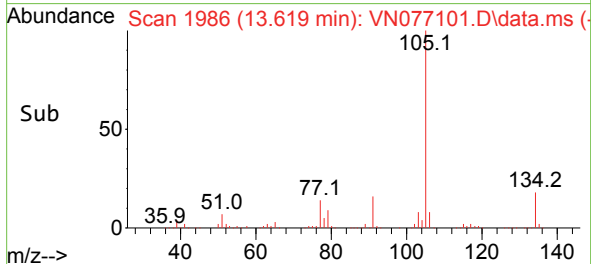
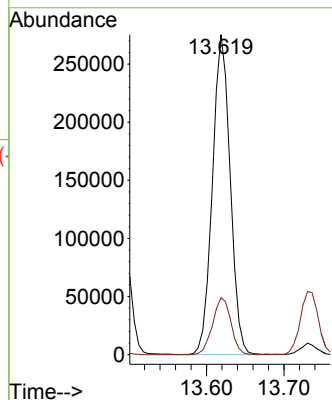
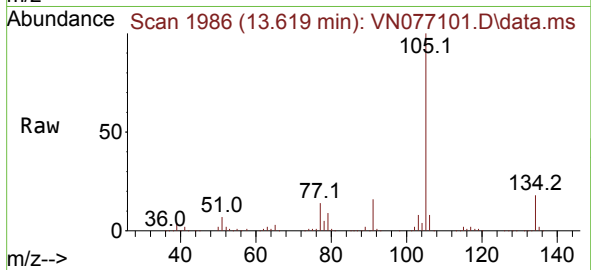




#85
 sec-Butylbenzene
 Concen: 21.120 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077101.D
 Acq: 22 Mar 2023 12:28

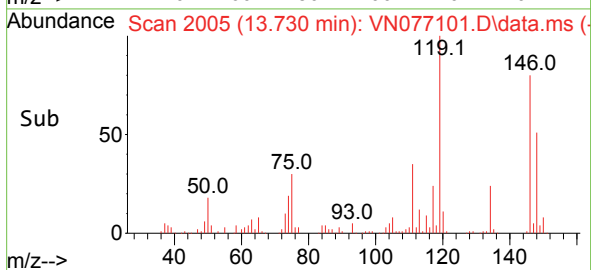
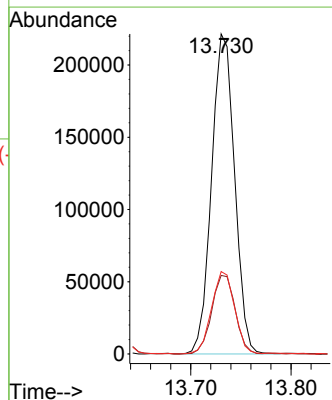
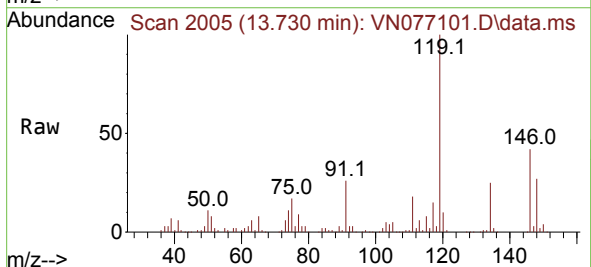
Instrument :
 MSVOA_N
 ClientSampleId :

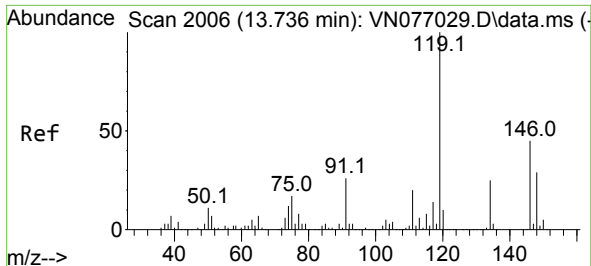
Tgt Ion:105 Resp: 439965
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 21.102 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077101.D
 Acq: 22 Mar 2023 12:28

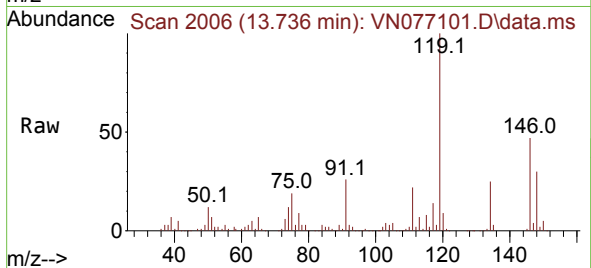
Tgt Ion:119 Resp: 353016
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.4
 91 25.8 12.7 38.1



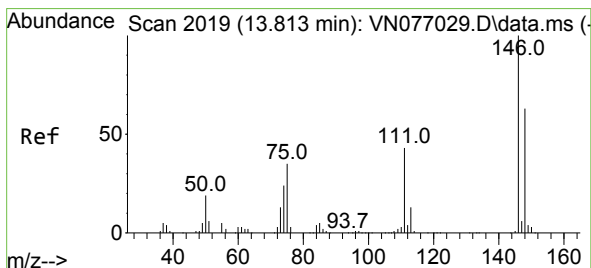
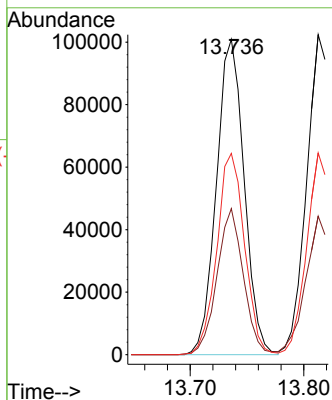
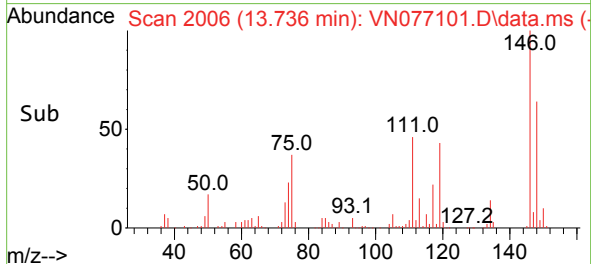


#87
 1,3-Dichlorobenzene
 Concen: 19.373 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077101.D
 Acq: 22 Mar 2023 12:28

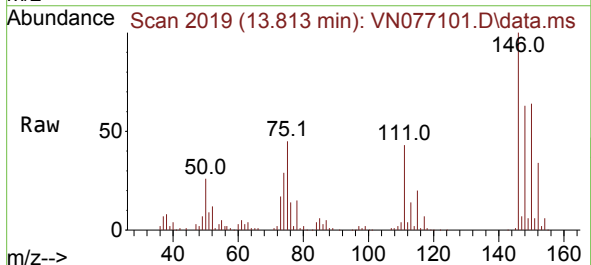
Instrument :
 MSVOA_N
 ClientSampleId :



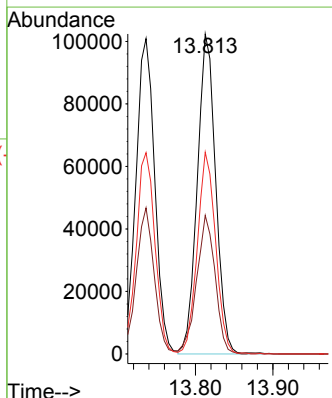
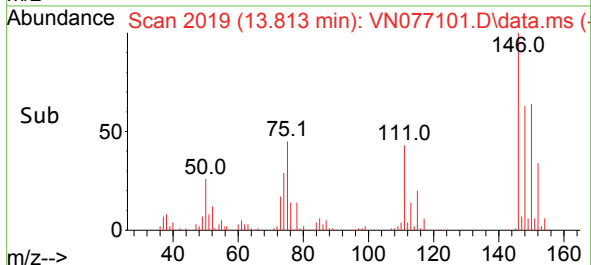
Tgt Ion:146 Resp: 171351
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.9 65.5
 148 63.8 32.1 96.5

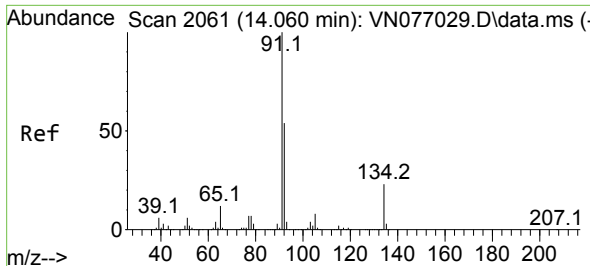


#88
 1,4-Dichlorobenzene
 Concen: 19.207 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077101.D
 Acq: 22 Mar 2023 12:28



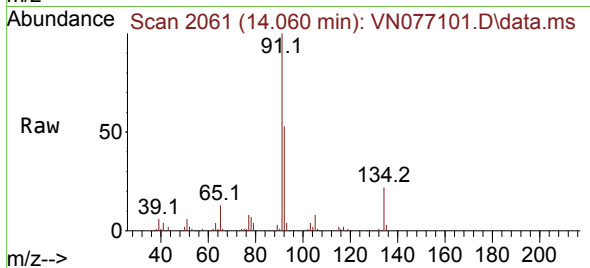
Tgt Ion:146 Resp: 169022
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.5 64.5
 148 62.7 31.9 95.9



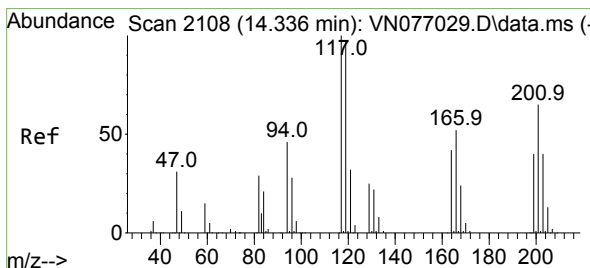
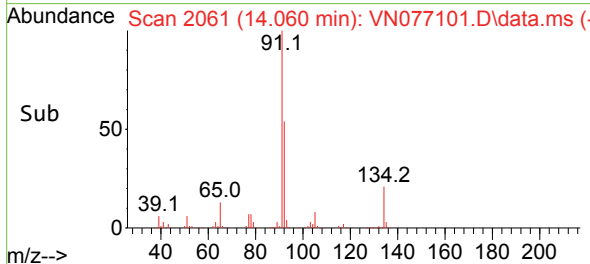
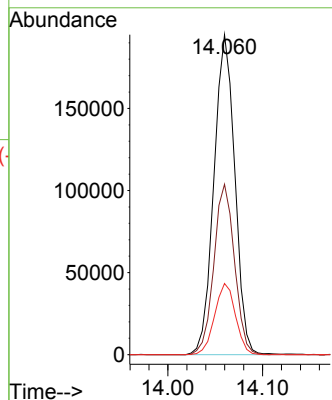


#89
n-Butylbenzene
Concen: 20.420 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

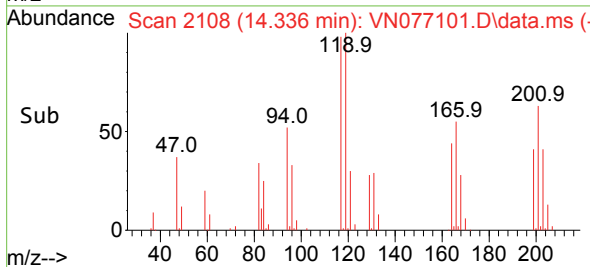
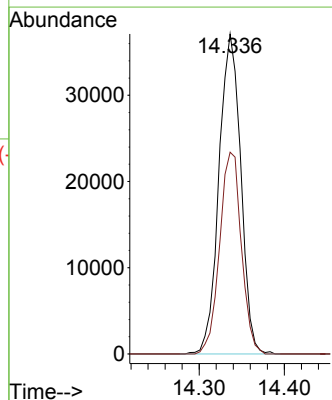
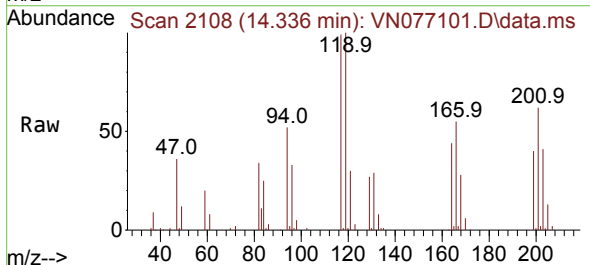


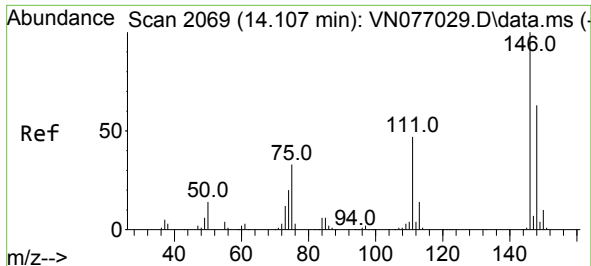
Tgt Ion: 91 Resp: 299671
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 22.2 11.7 35.1



#90
Hexachloroethane
Concen: 19.417 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

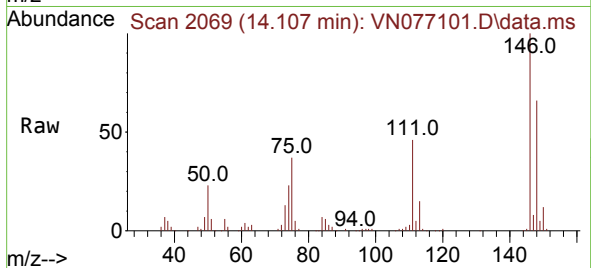
Tgt Ion: 117 Resp: 66041
Ion Ratio Lower Upper
117 100
201 62.7 32.5 97.4



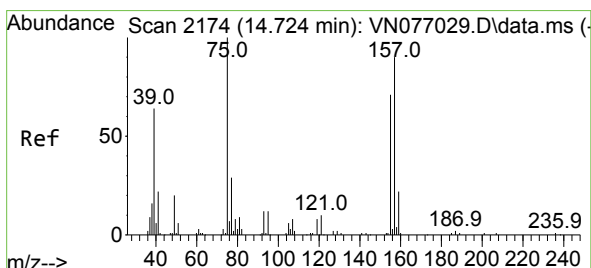
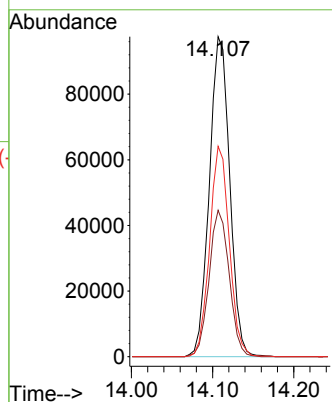
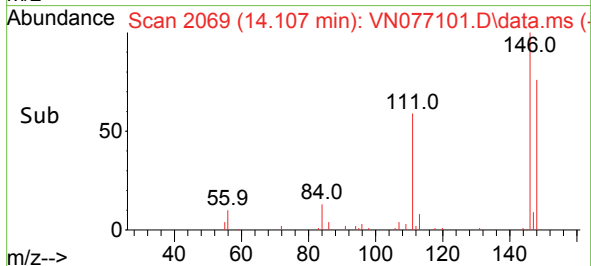


#91
1,2-Dichlorobenzene
Concen: 19.254 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

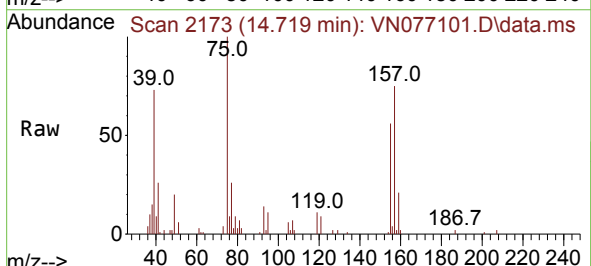
Instrument :
MSVOA_N
ClientSampleId :



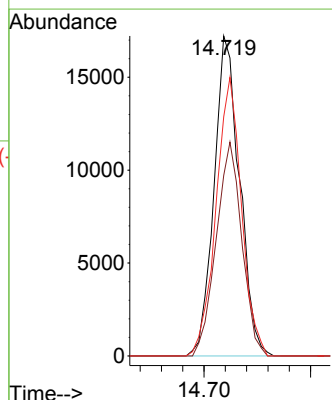
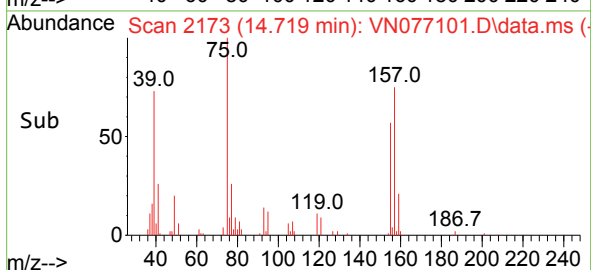
Tgt Ion:146 Resp: 169743
Ion Ratio Lower Upper
146 100
111 45.2 22.6 67.7
148 63.6 31.6 95.0

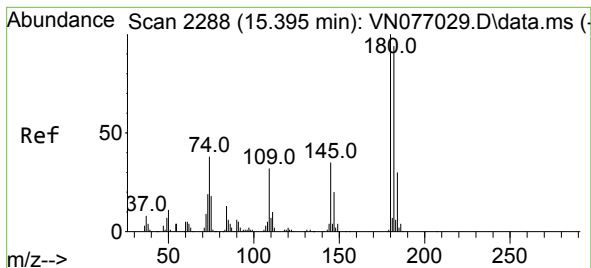


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.396 ug/l
RT: 14.719 min Scan# 2173
Delta R.T. -0.005 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28



Tgt Ion: 75 Resp: 28603
Ion Ratio Lower Upper
75 100
155 67.2 36.1 108.3
157 86.9 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 19.296 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

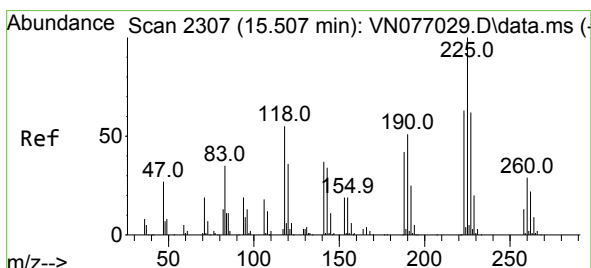
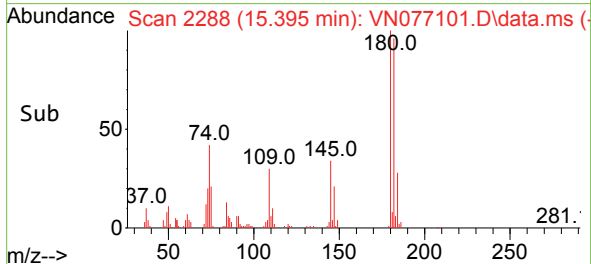
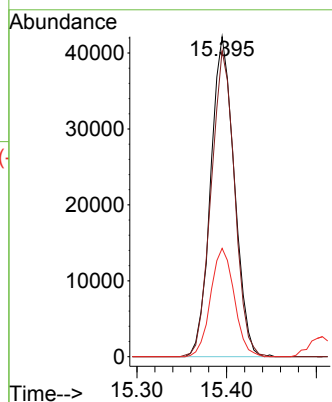
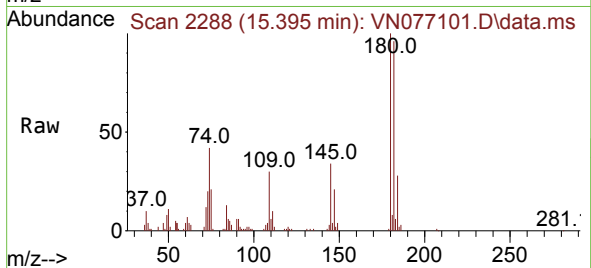
Tgt Ion:180 Resp: 76905

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 33.9 16.9 50.7



#94

Hexachlorobutadiene

Concen: 18.976 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077101.D

Acq: 22 Mar 2023 12:28

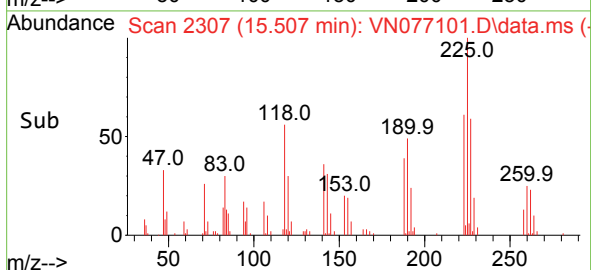
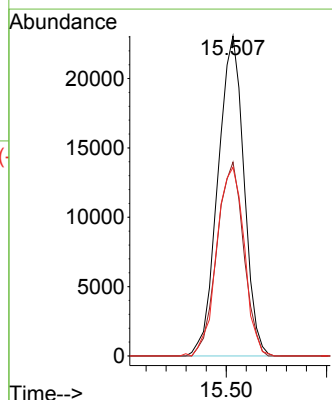
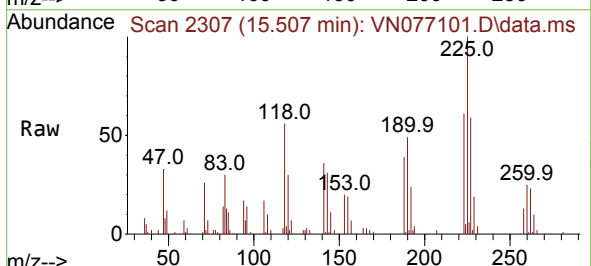
Tgt Ion:225 Resp: 41650

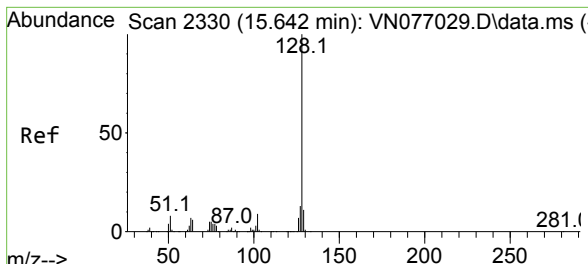
Ion Ratio Lower Upper

225 100

223 62.1 31.6 95.0

227 62.2 31.3 93.8

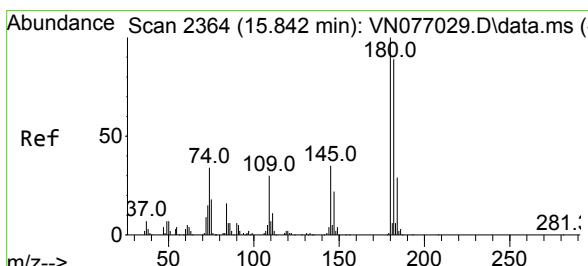
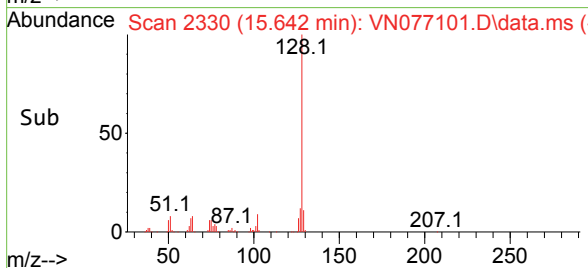
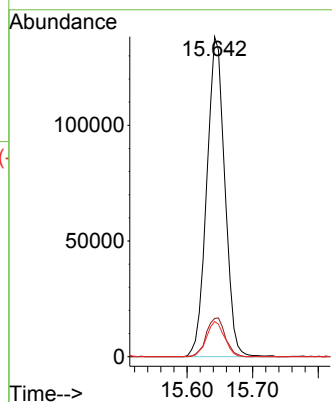
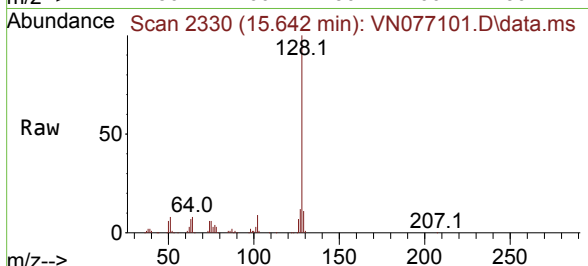




#95
Naphthalene
Concen: 18.321 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128	Resp: 264241
Ion Ratio	Lower Upper
128 100	
127 12.8	10.0 15.0
129 11.0	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.352 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077101.D
Acq: 22 Mar 2023 12:28

Tgt Ion:180	Resp: 77389
Ion Ratio	Lower Upper
180 100	
182 93.4	47.4 142.2
145 36.8	17.9 53.8

