

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077242.D
 Acq On : 28 Mar 2023 17:36
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 29 01:17:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	296924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	520496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	488545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	246895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	254186	54.751	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.500%
35) Dibromofluoromethane	8.172	113	176216	49.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.780%
50) Toluene-d8	10.571	98	701310	52.994	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.980%
62) 4-Bromofluorobenzene	12.854	95	237355	54.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	117288	37.867	ug/l	97
3) Chloromethane	2.372	50	270268	62.199	ug/l	97
4) Vinyl Chloride	2.525	62	347089	70.720	ug/l	99
5) Bromomethane	2.931	94	255857	65.309	ug/l	98
6) Chloroethane	3.113	64	291946	68.611	ug/l	96
7) Trichlorofluoromethane	3.501	101	978315	129.995	ug/l	96
8) Diethyl Ether	3.972	74	355930	143.688	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.378	101	460562	142.985	ug/l	97
10) Methyl Iodide	4.601	142	425207	117.004	ug/l	96
11) Tert butyl alcohol	5.536	59	155768	246.186	ug/l	98
12) 1,1-Dichloroethene	4.354	96	449426	146.692	ug/l	88
13) Acrolein	4.190	56	629465	709.295	ug/l	98
14) Allyl chloride	5.031	41	314825	54.696	ug/l #	79
15) Acrylonitrile	5.725	53	485106	245.929	ug/l	97
16) Acetone	4.437	43	1176714	681.678	ug/l #	87
17) Carbon Disulfide	4.719	76	539348	62.913	ug/l	99
18) Methyl Acetate	5.031	43	355489	51.475	ug/l #	81
19) Methyl tert-butyl Ether	5.801	73	572677	52.584	ug/l	91
20) Methylene Chloride	5.289	84	186884	48.618	ug/l #	66
21) trans-1,2-Dichloroethene	5.795	96	164882	49.041	ug/l #	77
22) Diisopropyl ether	6.678	45	663260	53.460	ug/l #	84
23) Vinyl Acetate	6.613	43	2219284	277.213	ug/l #	86
24) 1,1-Dichloroethane	6.578	63	351293	50.647	ug/l	95
25) 2-Butanone	7.489	43	702633	260.323	ug/l #	80
26) 2,2-Dichloropropane	7.495	77	275041	57.501	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	197870	51.020	ug/l	83
28) Bromochloromethane	7.813	49	184847	52.260	ug/l #	66
29) Tetrahydrofuran	7.842	42	467972	261.727	ug/l #	72
30) Chloroform	7.972	83	346109	50.662	ug/l	99
31) Cyclohexane	8.260	56	308795	47.880	ug/l #	81
32) 1,1,1-Trichloroethane	8.177	97	299648	51.089	ug/l #	93
36) 1,1-Dichloropropene	8.377	75	256057	52.092	ug/l	94
37) Ethyl Acetate	7.566	43	294455	53.742	ug/l #	88
38) Carbon Tetrachloride	8.366	117	256137	51.393	ug/l	97
39) Methylcyclohexane	9.607	83	310221	54.035	ug/l #	84
40) Benzene	8.613	78	758713	50.364	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	150037	50.102	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	301164	53.022	ug/l	92
43) Isopropyl Acetate	8.695	43	483736	54.726	ug/l #	85
44) Trichloroethene	9.354	130	172529	49.985	ug/l	97
45) 1,2-Dichloropropane	9.624	63	206545	51.553	ug/l	97
46) Dibromomethane	9.713	93	134426	51.336	ug/l	98
47) Bromodichloromethane	9.889	83	269658	51.779	ug/l	97
48) Methyl methacrylate	9.683	41	229113	53.825	ug/l #	75
49) 1,4-Dioxane	9.695	88	70711	974.439	ug/l #	80
51) 4-Methyl-2-Pentanone	10.448	43	1522100	273.678	ug/l #	85
52) Toluene	10.630	92	484828	52.771	ug/l	96
53) t-1,3-Dichloropropene	10.836	75	298022	56.393	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	314363	54.355	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	183758	50.951	ug/l	94
56) Ethyl methacrylate	10.877	69	299637	56.281	ug/l #	59
57) 1,3-Dichloropropane	11.166	76	341142	53.058	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	540454	260.233	ug/l #	88
59) 2-Hexanone	11.195	43	1125472	281.578	ug/l	80
60) Dibromochloromethane	11.360	129	198067	53.459	ug/l	97
61) 1,2-Dibromoethane	11.471	107	186278	51.971	ug/l	98
64) Tetrachloroethene	11.107	164	147812	48.774	ug/l	91
65) Chlorobenzene	11.895	112	496789	50.470	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	185295	51.527	ug/l	99
67) Ethyl Benzene	11.965	91	963396	53.800	ug/l	98
68) m/p-Xylenes	12.077	106	733028	107.625	ug/l	94
69) o-Xylene	12.401	106	357560	54.212	ug/l	90
70) Styrene	12.413	104	609904	57.248	ug/l	95
71) Bromoform	12.583	173	139487	52.367	ug/l #	98
73) Isopropylbenzene	12.701	105	940276	48.404	ug/l	96
74) N-amyl acetate	12.495	43	440254	52.010	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.942	83	282125	43.480	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	366505	73.177	ug/l	57
77) Bromobenzene	12.983	156	206306	46.132	ug/l	90
78) n-propylbenzene	13.036	91	1151363	51.394	ug/l	97
79) 2-Chlorotoluene	13.130	91	651318	47.278	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	882611	54.560	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.742	75	86639	49.857	ug/l #	74
82) 4-Chlorotoluene	13.224	91	658000	50.320	ug/l	94
83) tert-Butylbenzene	13.442	119	674990	49.334	ug/l	94
84) 1,2,4-Trimethylbenzene	13.483	105	836030	52.590	ug/l	97
85) sec-Butylbenzene	13.618	105	999842	51.236	ug/l	97
86) p-Isopropyltoluene	13.730	119	830202	53.119	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	411272	50.953	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	400758	49.642	ug/l	100
89) n-Butylbenzene	14.059	91	702381	54.817	ug/l	96
90) Hexachloroethane	14.336	117	142354	48.877	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	383805	47.673	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	50542	44.020	ug/l	83
93) 1,2,4-Trichlorobenzene	15.395	180	398790	97.195	ug/l	100
94) Hexachlorobutadiene	15.506	225	225825	110.577	ug/l	99
95) Naphthalene	15.642	128	1366778	97.006	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	418380	102.927	ug/l	96

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MSVOA_N
ClientSampleId :
VSTDCCC050EC

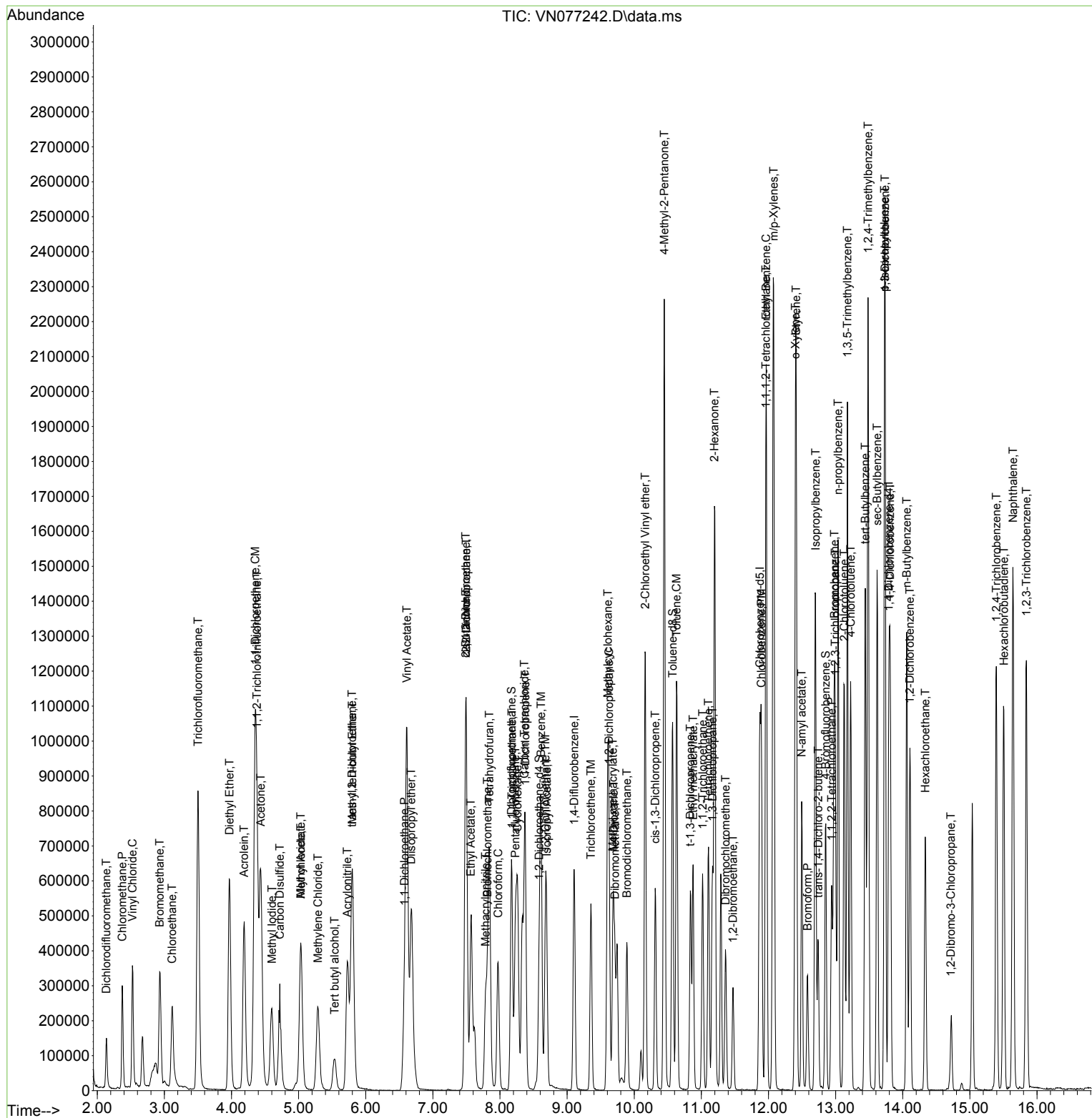
Quant Time: Mar 29 01:17:27 2023
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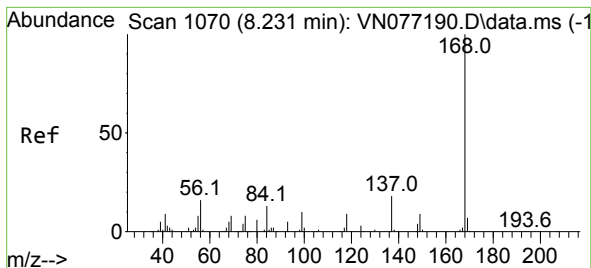
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.001 min

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ClientSampleId :

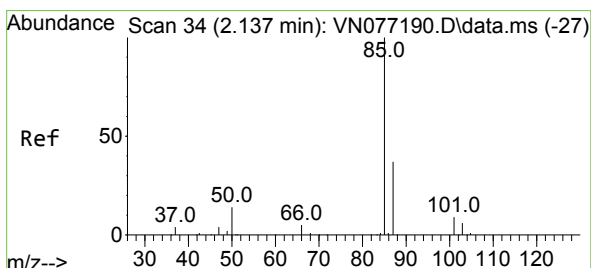
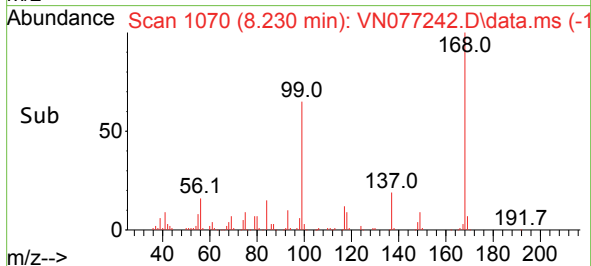
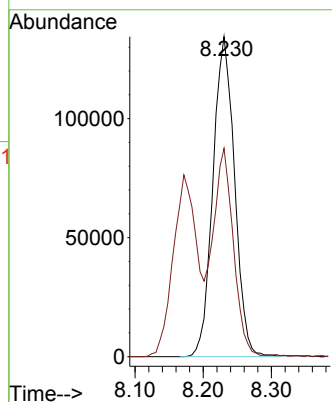
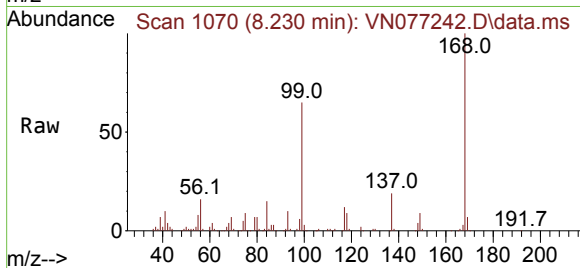
VSTDCCC050EC

Tgt Ion:168 Resp: 296924

Ion Ratio Lower Upper

168 100

99 64.7 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 37.867 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077242.D

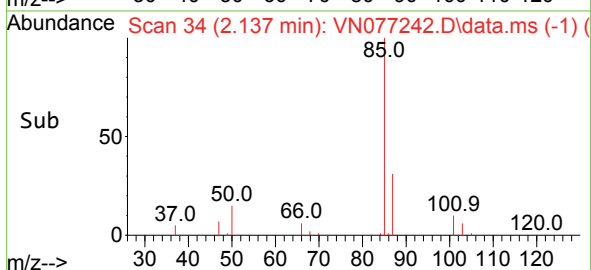
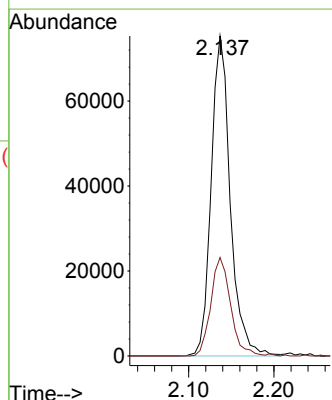
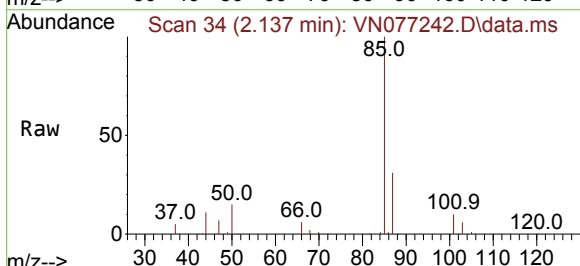
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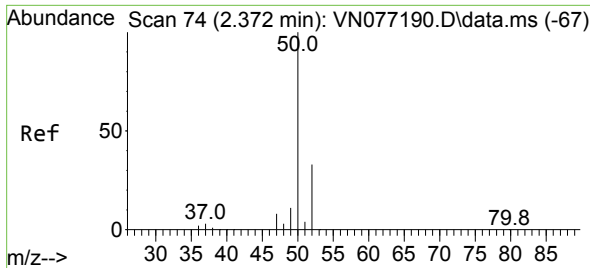
Tgt Ion: 85 Resp: 117288

Ion Ratio Lower Upper

85 100

87 30.7 16.2 48.6

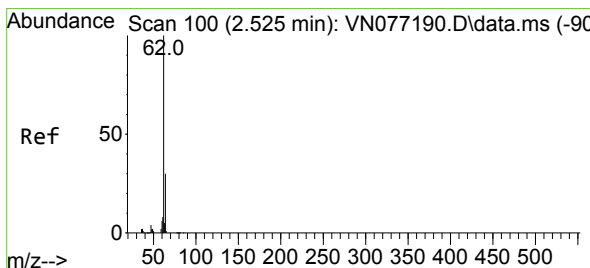
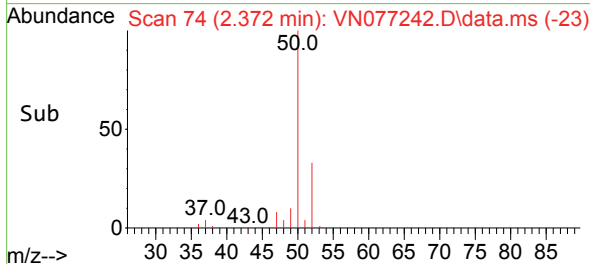
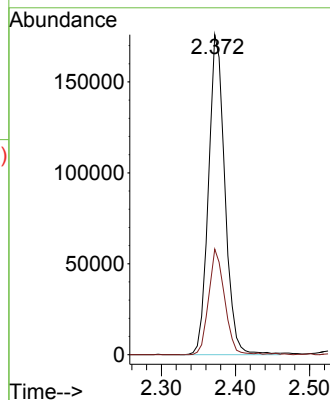
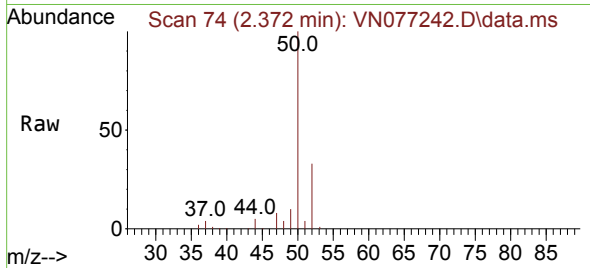




#3
Chloromethane
Concen: 62.199 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

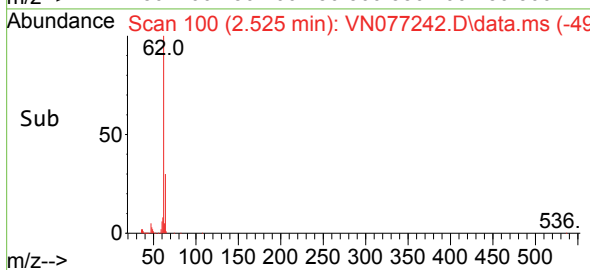
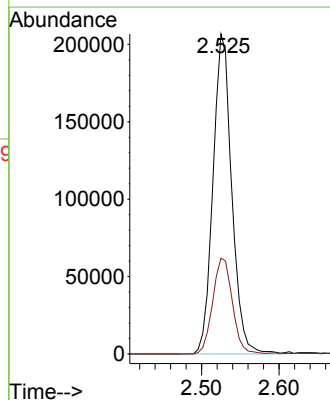
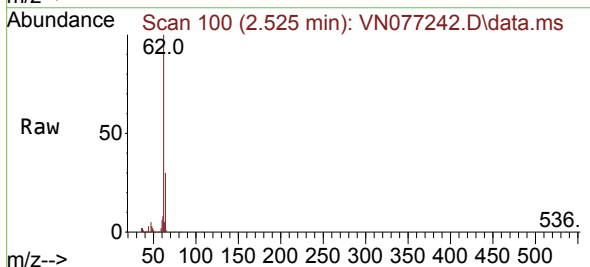
Instrument :
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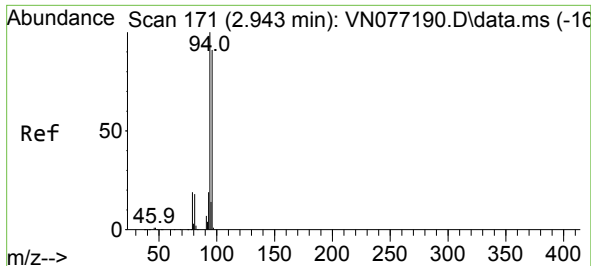
Tgt Ion: 50 Resp: 270268
Ion Ratio Lower Upper
50 100
52 33.0 27.9 41.9



#4
Vinyl Chloride
Concen: 70.720 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 62 Resp: 347089
Ion Ratio Lower Upper
62 100
64 29.9 24.5 36.7

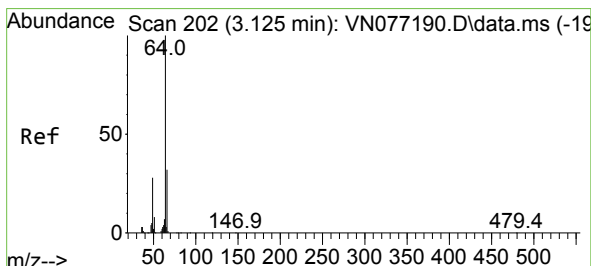
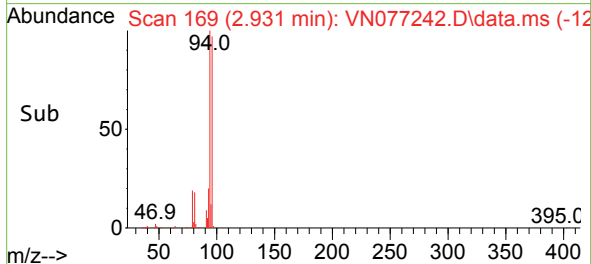
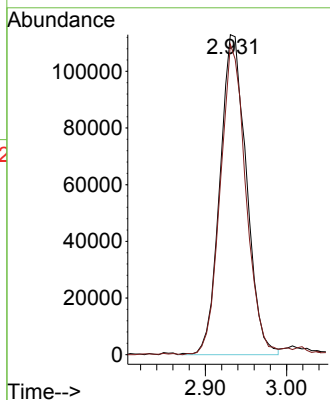
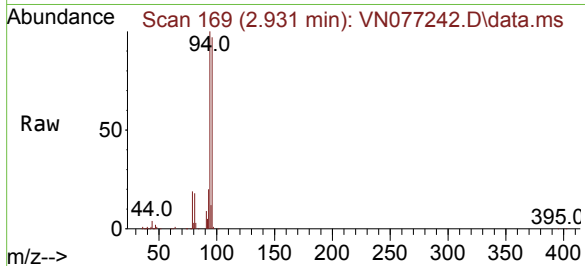




#5
Bromomethane
Concen: 65.309 ug/l
RT: 2.931 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

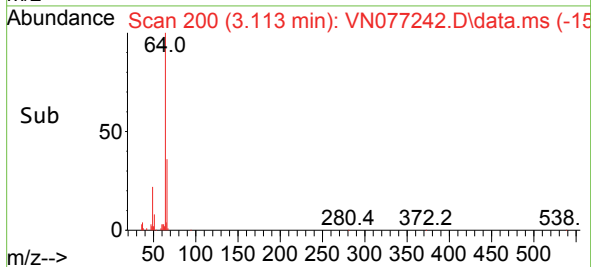
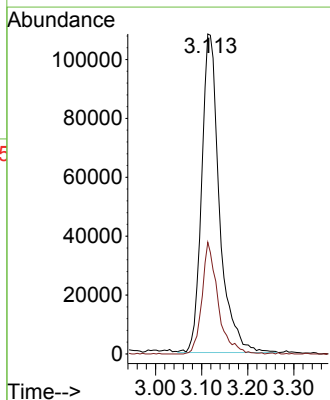
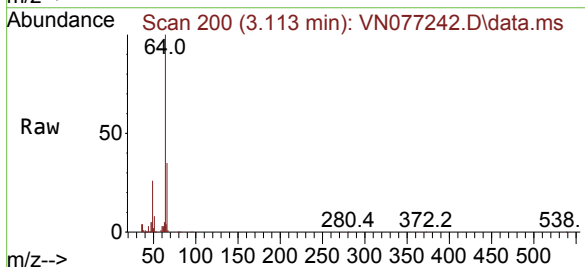
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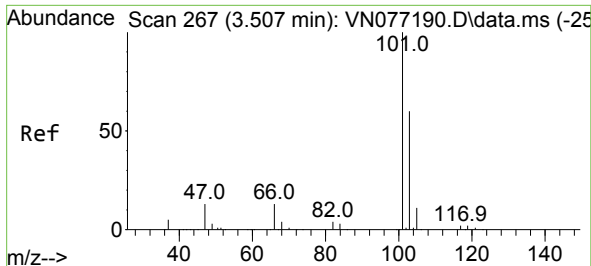
Tgt Ion: 94 Resp: 255857
Ion Ratio Lower Upper
94 100
96 97.1 79.0 118.6



#6
Chloroethane
Concen: 68.611 ug/l
RT: 3.113 min Scan# 200
Delta R.T. -0.012 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 64 Resp: 291946
Ion Ratio Lower Upper
64 100
66 35.1 26.2 39.4

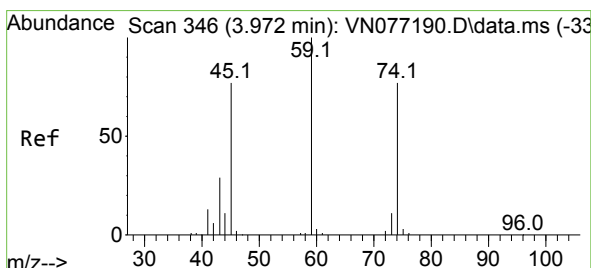
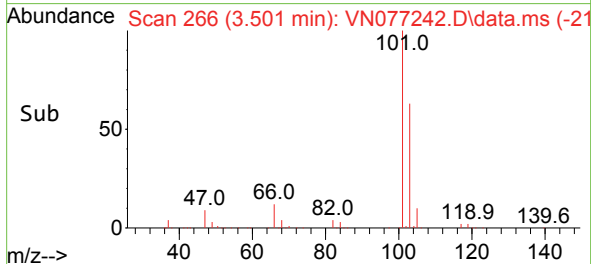
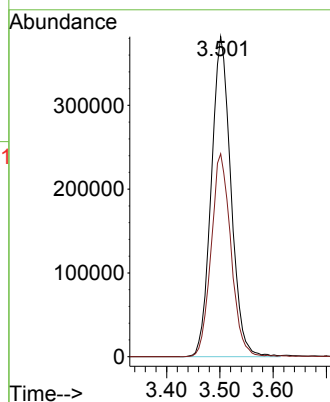
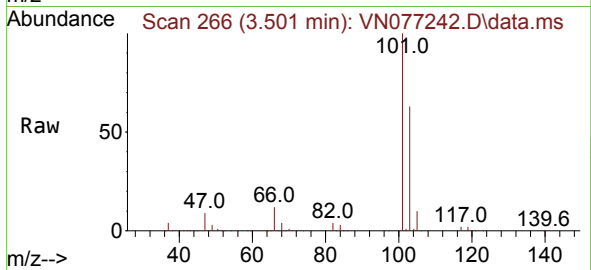




#7
 Trichlorofluoromethane
 Concen: 129.995 ug/l
 RT: 3.501 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

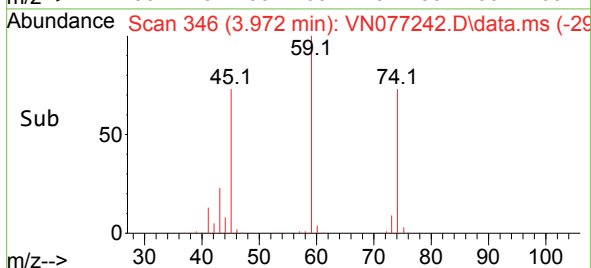
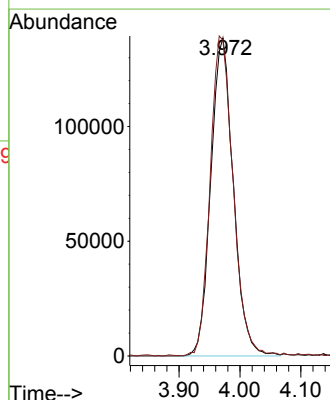
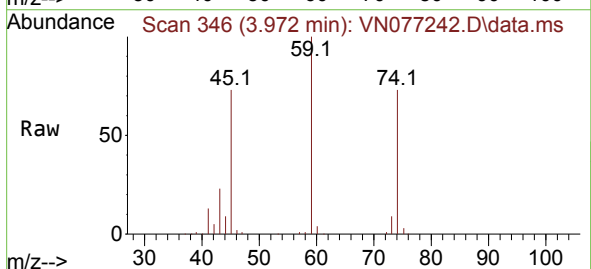
Instrument :
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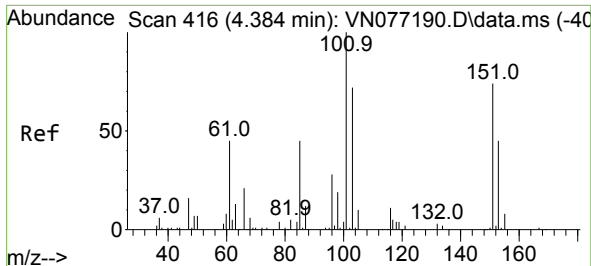
Tgt Ion:101 Resp: 978315
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.4 80.0



#8
 Diethyl Ether
 Concen: 143.688 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 355930
 Ion Ratio Lower Upper
 74 100
 45 102.2 35.5 106.5

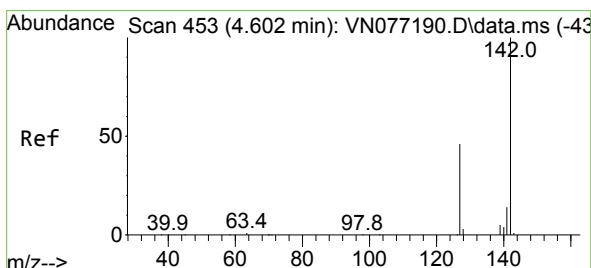
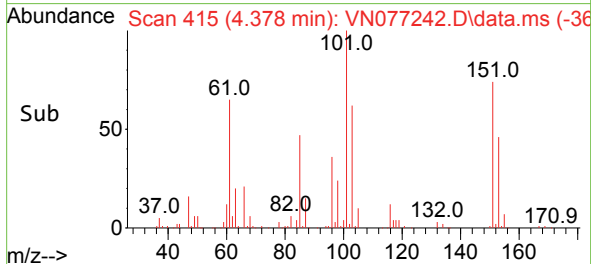
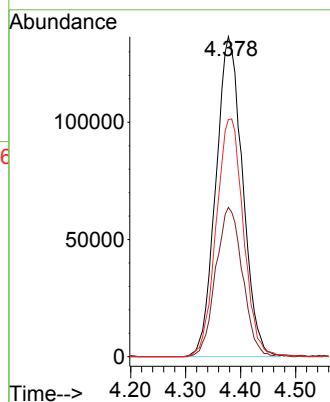
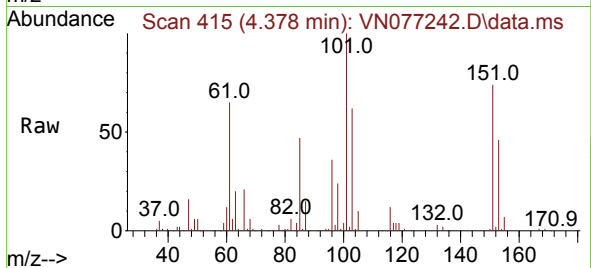




#9
1,1,2-Trichlorotrifluoroethane
Concen: 142.985 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

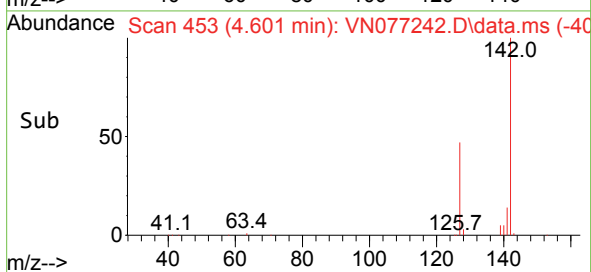
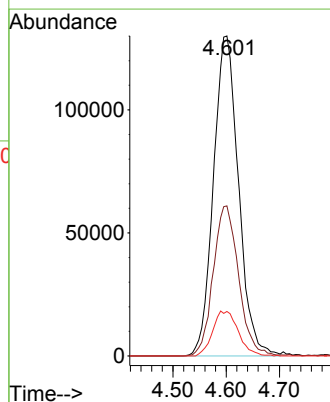
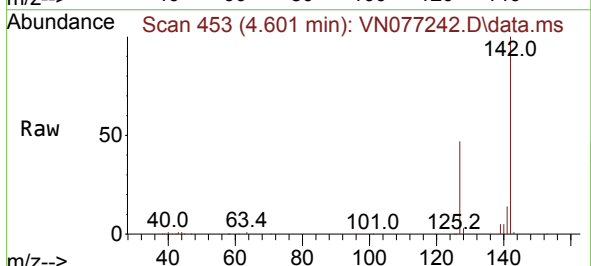
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

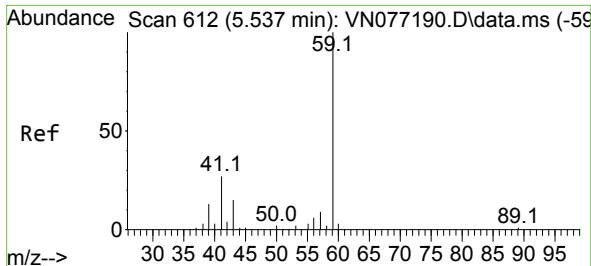
Tgt Ion:101 Resp: 460562
Ion Ratio Lower Upper
101 100
85 46.9 35.2 52.8
151 75.8 58.9 88.3



#10
Methyl Iodide
Concen: 117.004 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.001 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion:142 Resp: 425207
Ion Ratio Lower Upper
142 100
127 46.9 35.2 52.8
141 13.9 10.2 15.2

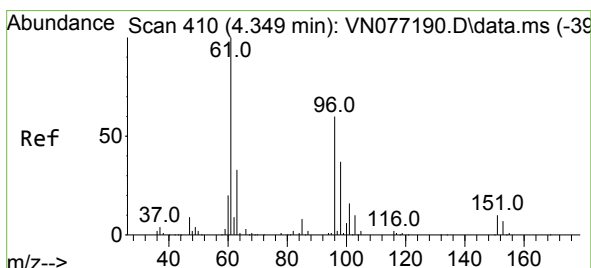
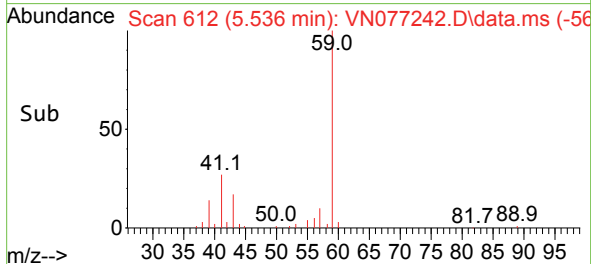
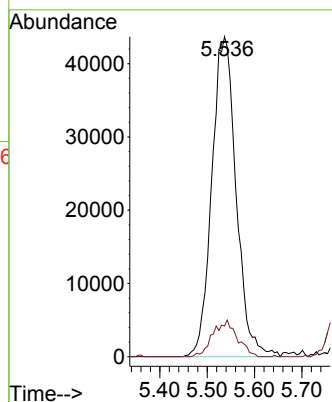
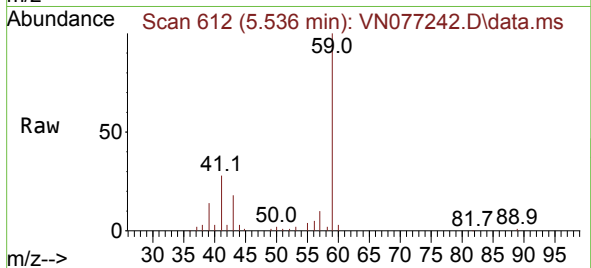




#11
Tert butyl alcohol
Concen: 246.186 ug/l
RT: 5.536 min Scan# 612
Delta R.T. -0.001 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

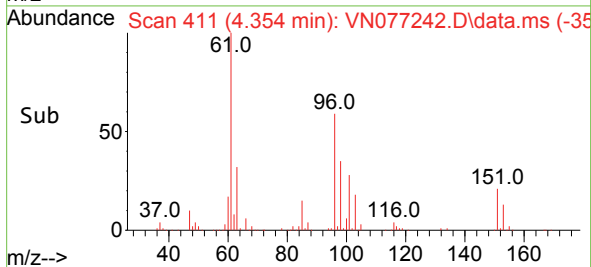
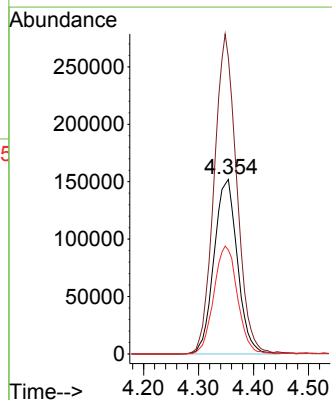
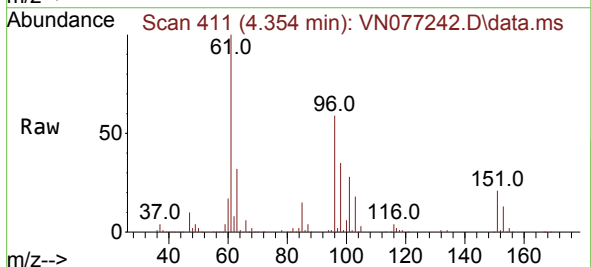
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

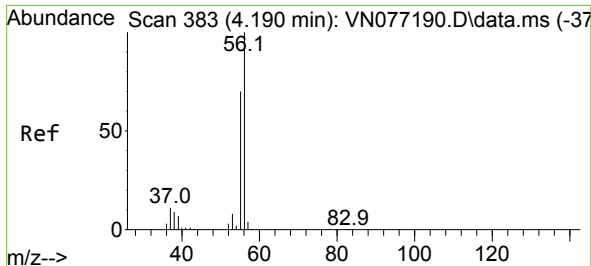
Tgt Ion: 59 Resp: 155768
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 146.692 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 96 Resp: 449426
Ion Ratio Lower Upper
96 100
61 169.6 121.3 181.9
98 59.6 52.1 78.1

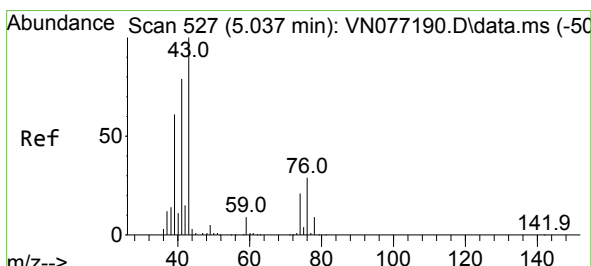
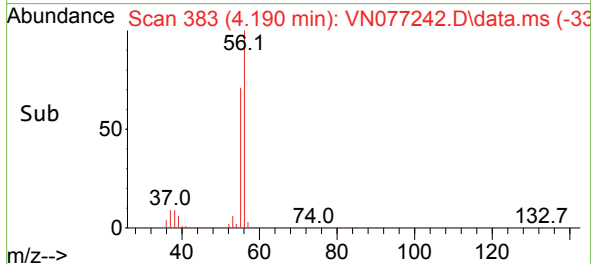
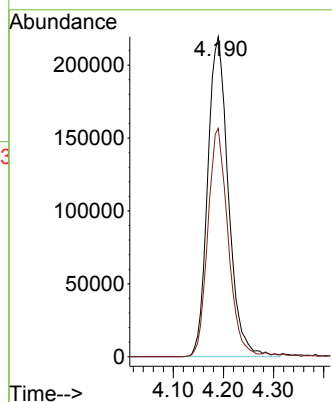
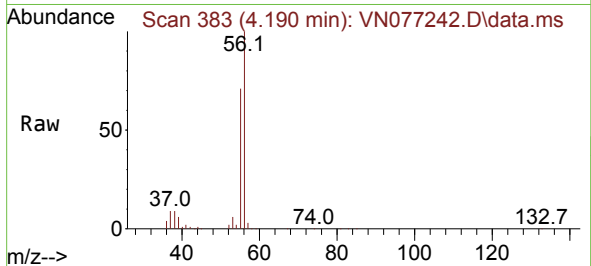




#13
Acrolein
Concen: 709.295 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

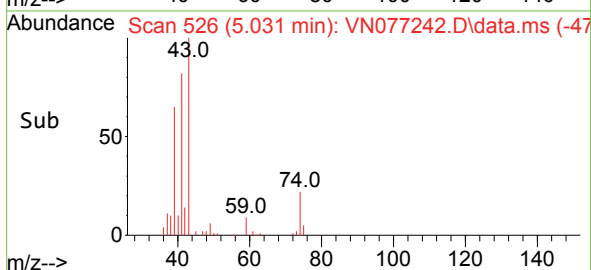
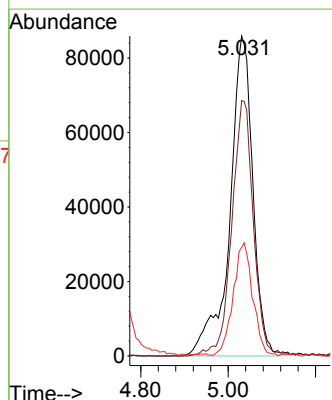
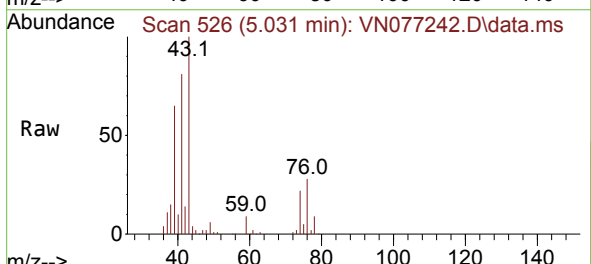
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

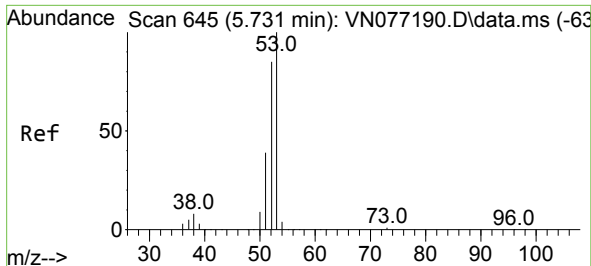
Tgt Ion: 56 Resp: 629465
Ion Ratio Lower Upper
56 100
55 69.5 56.7 85.1



#14
Allyl chloride
Concen: 54.696 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 41 Resp: 314825
Ion Ratio Lower Upper
41 100
39 74.6 68.1 102.1
76 29.7 44.1 66.1#

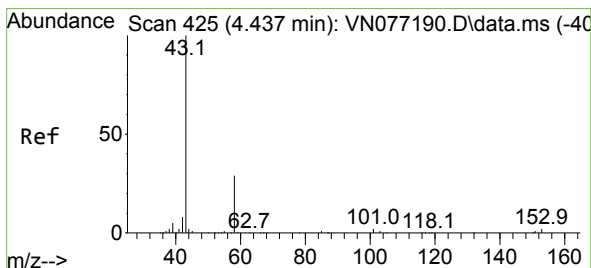
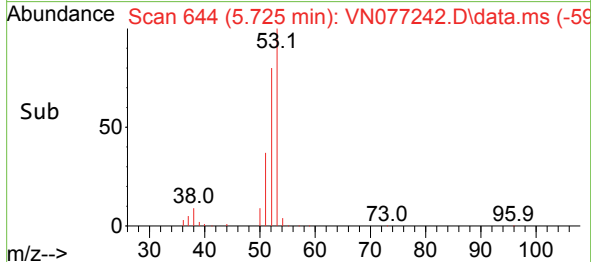
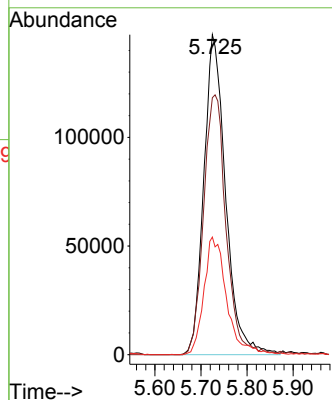
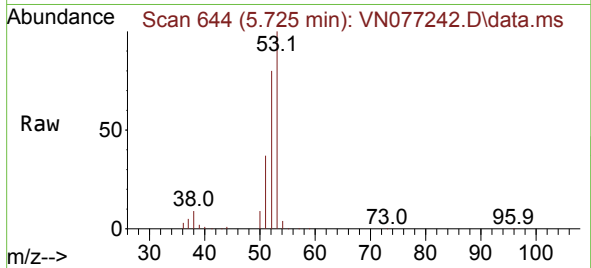




#15
Acrylonitrile
Concen: 245.929 ug/l
RT: 5.725 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

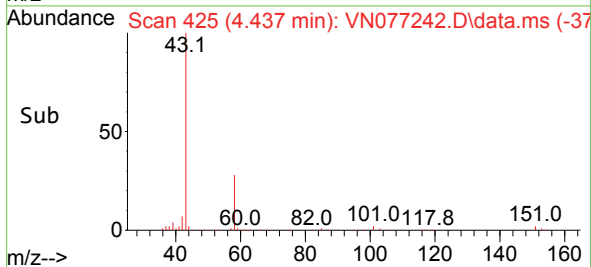
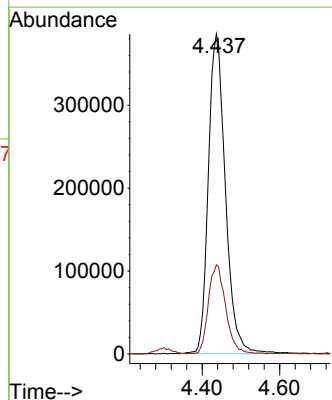
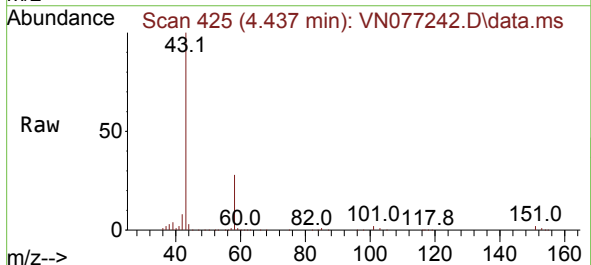
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

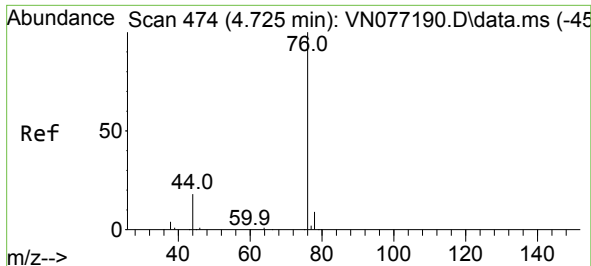
Tgt Ion: 53 Resp: 485106
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 38.3 28.8 43.2



#16
Acetone
Concen: 681.678 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 43 Resp: 1176714
Ion Ratio Lower Upper
43 100
58 27.7 28.2 42.2#

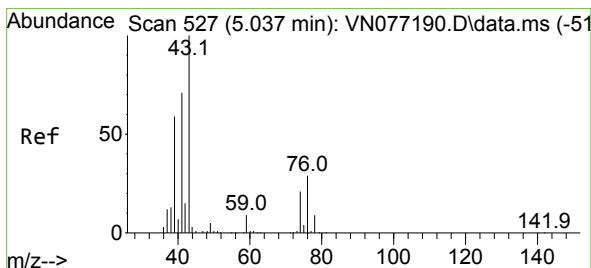
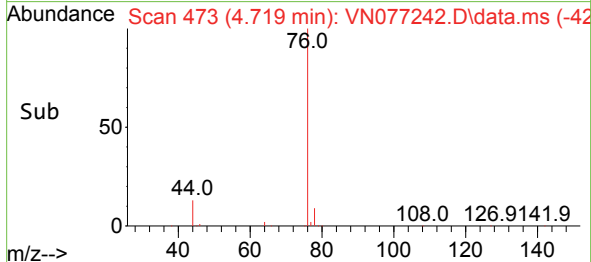
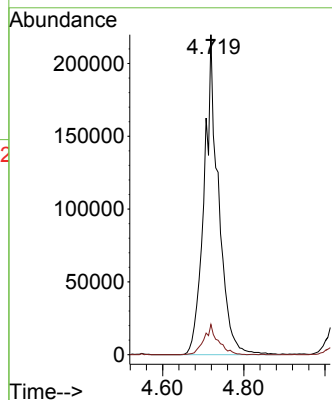
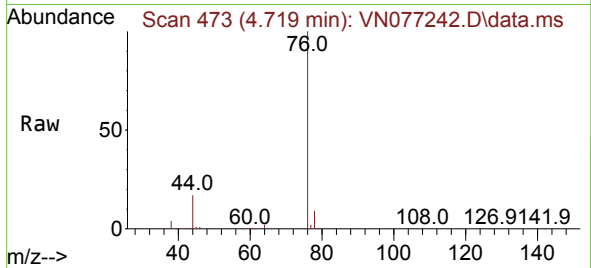




#17
Carbon Disulfide
Concen: 62.913 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

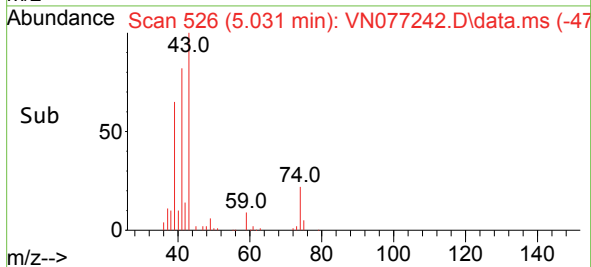
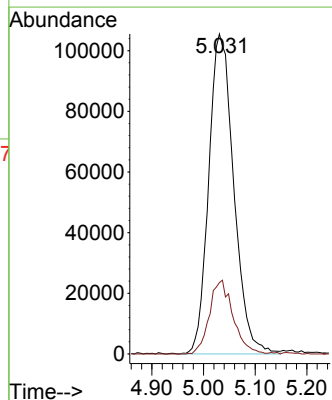
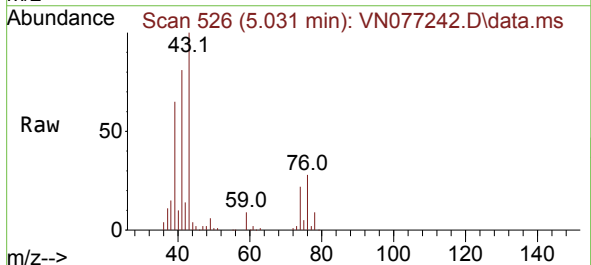
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

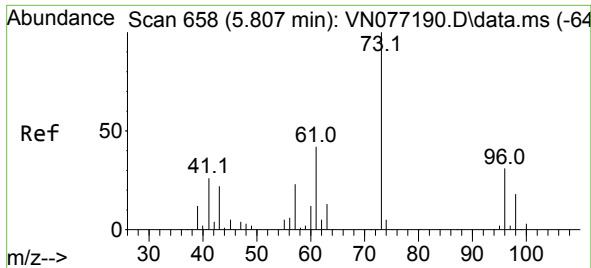
Tgt Ion: 76 Resp: 539348
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8



#18
Methyl Acetate
Concen: 51.475 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 43 Resp: 355489
Ion Ratio Lower Upper
43 100
74 21.7 25.9 38.9#

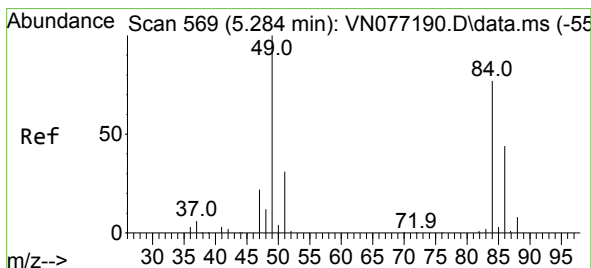
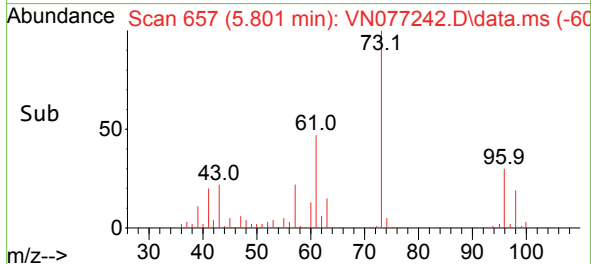
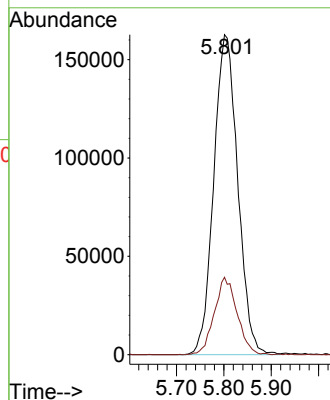
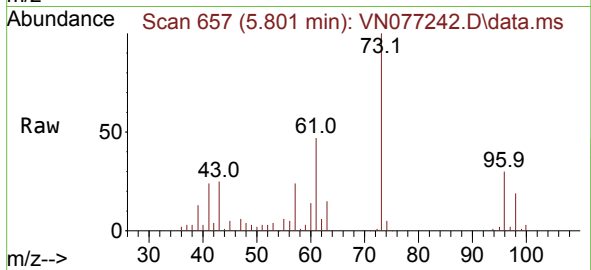




#19
Methyl tert-butyl Ether
Concen: 52.584 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

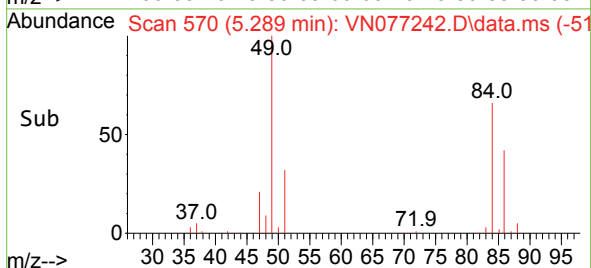
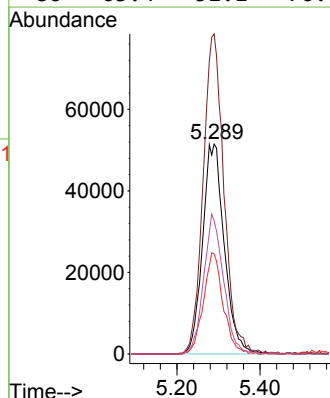
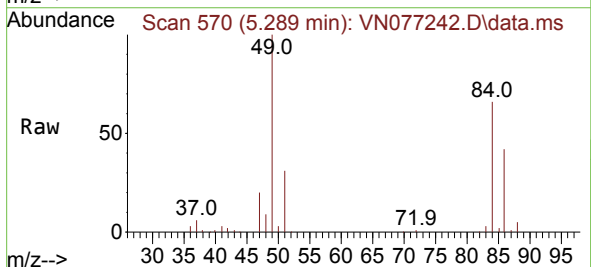
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

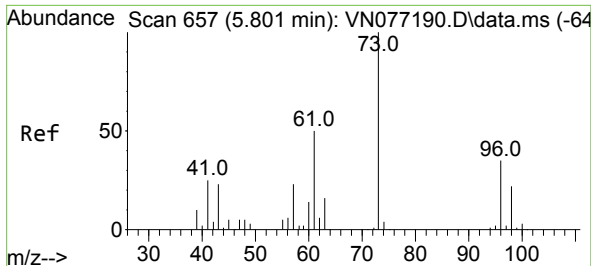
Tgt Ion: 73 Resp: 572677
Ion Ratio Lower Upper
73 100
57 24.1 16.1 24.1



#20
Methylene Chloride
Concen: 48.618 ug/l
RT: 5.289 min Scan# 570
Delta R.T. 0.005 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 84 Resp: 186884
Ion Ratio Lower Upper
84 100
49 152.1 76.6 114.8#
51 47.7 25.4 38.2#
86 63.4 51.1 76.7

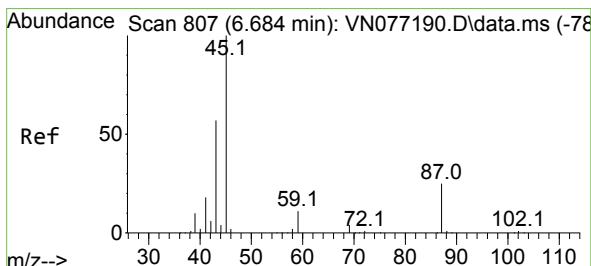
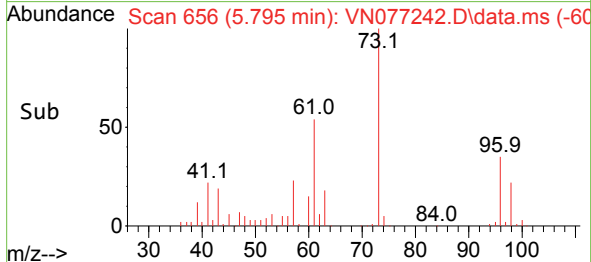
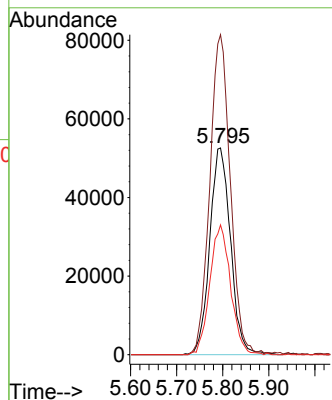
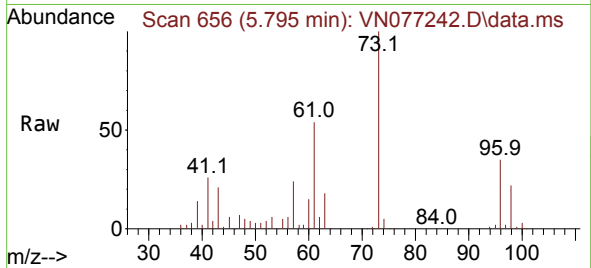




#21
trans-1,2-Dichloroethene
Concen: 49.041 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

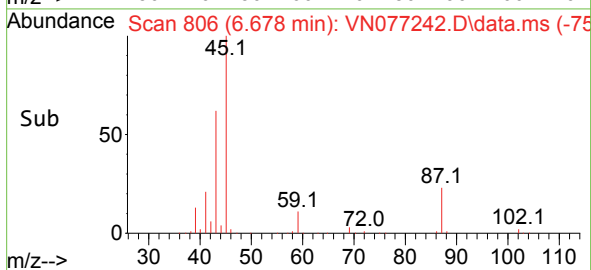
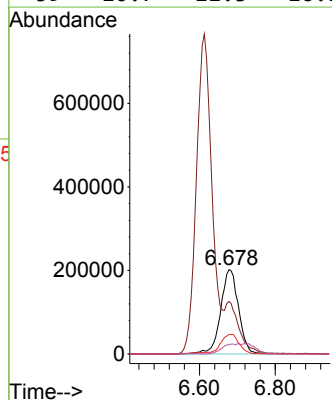
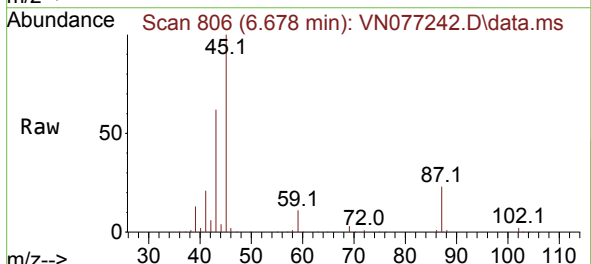
Instrument :
MSVOA_N
ClientSampleId :
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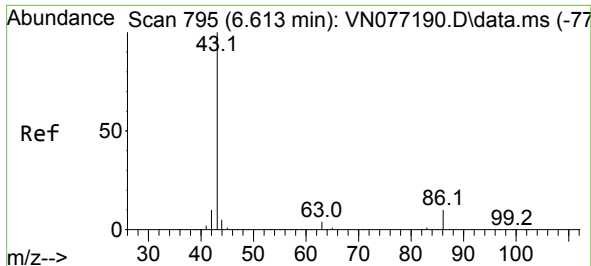
Tgt Ion: 96 Resp: 164882
Ion Ratio Lower Upper
96 100
61 154.7 95.0 142.6#
98 62.8 54.5 81.7



#22
Diisopropyl ether
Concen: 53.460 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 45 Resp: 663260
Ion Ratio Lower Upper
45 100
43 61.7 42.6 63.8
87 23.1 29.7 44.5#
59 10.7 11.3 16.9#

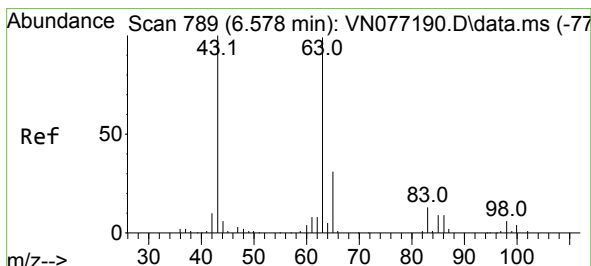
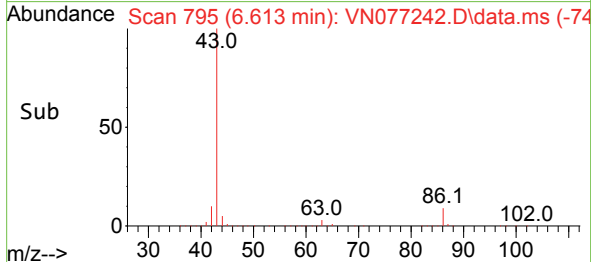
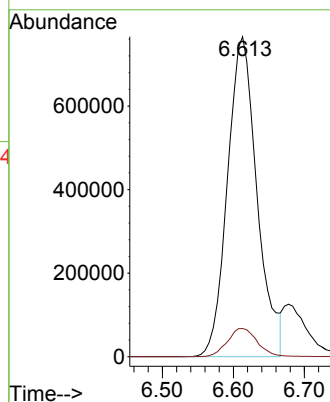
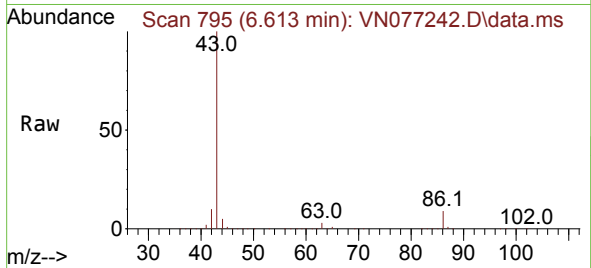




#23
 Vinyl Acetate
 Concen: 277.213 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

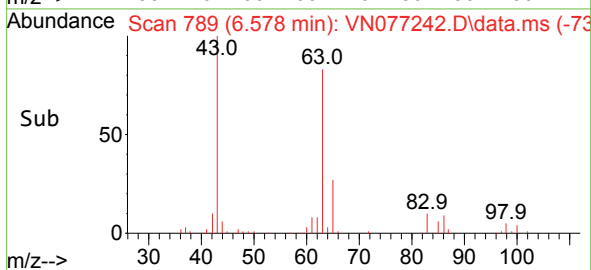
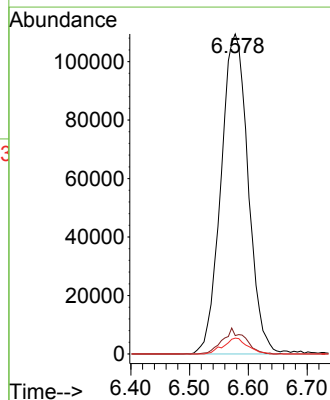
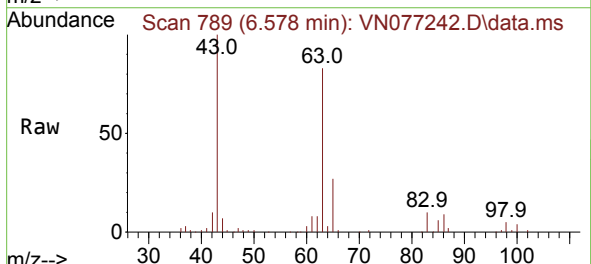
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

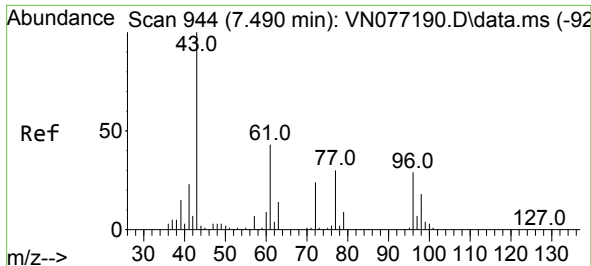
Tgt Ion: 43 Resp: 2219284
 Ion Ratio Lower Upper
 43 100
 86 8.8 11.8 17.6#



#24
 1,1-Dichloroethane
 Concen: 50.647 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

Tgt Ion: 63 Resp: 351293
 Ion Ratio Lower Upper
 63 100
 98 5.7 4.2 12.6
 100 4.9 2.2 6.6

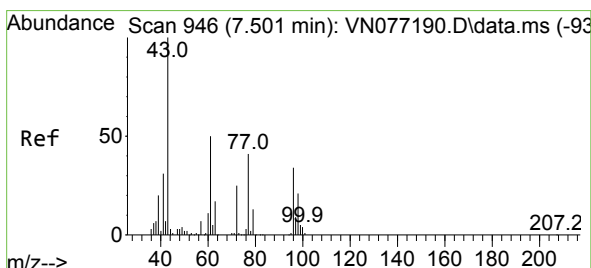
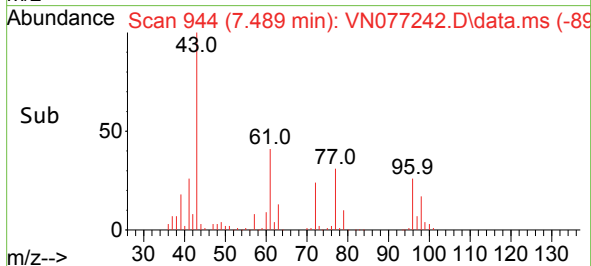
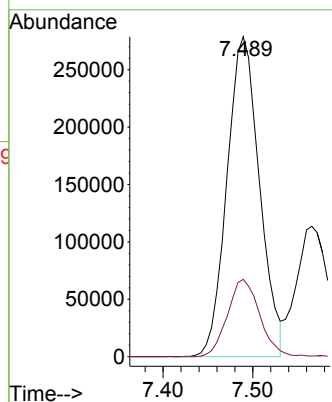
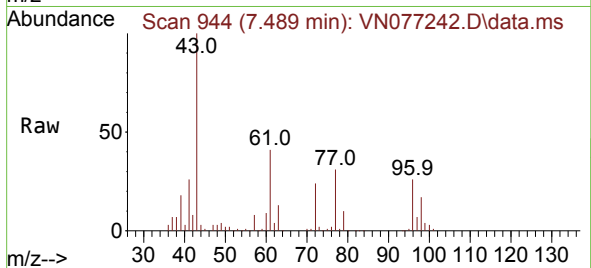




#25
2-Butanone
Concen: 260.323 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

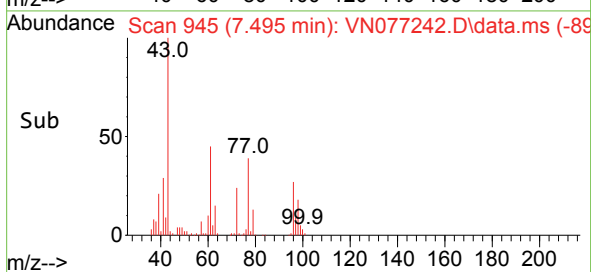
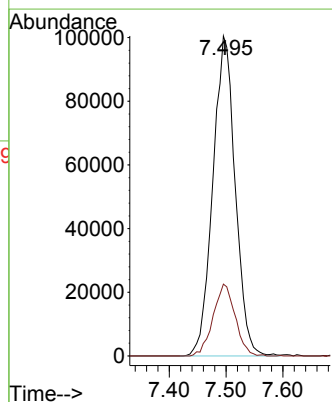
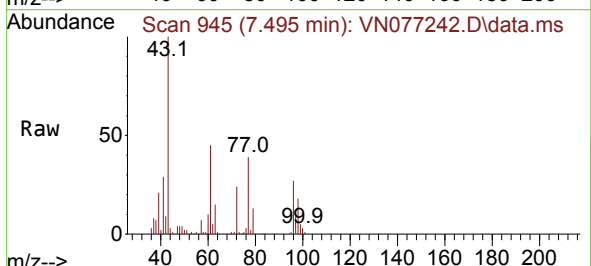
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

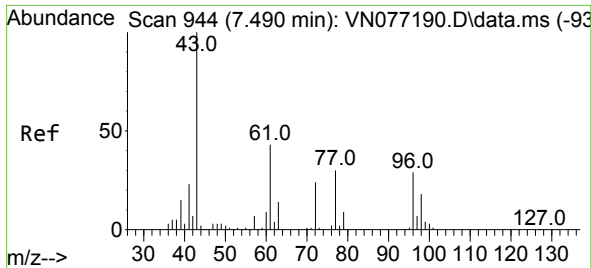
Tgt Ion: 43 Resp: 702633
Ion Ratio Lower Upper
43 100
72 24.1 28.8 43.2#



#26
2,2-Dichloropropane
Concen: 57.501 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 77 Resp: 275041
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.5

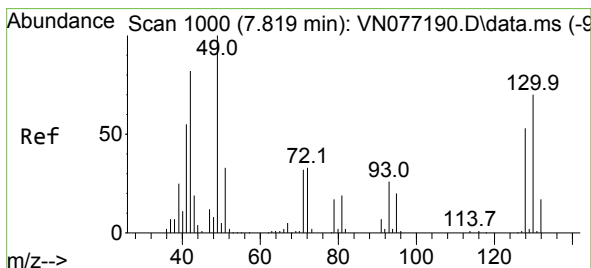
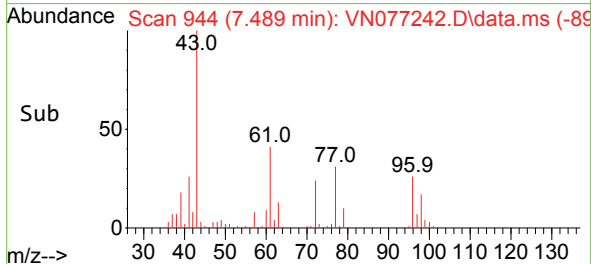
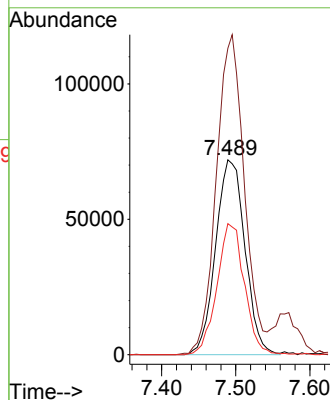
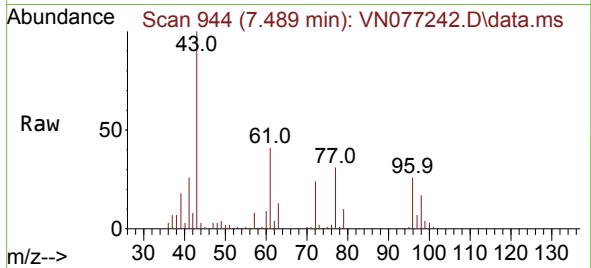




#27
 cis-1,2-Dichloroethene
 Concen: 51.020 ug/l
 RT: 7.489 min Scan# 944
 Delta R.T. -0.001 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

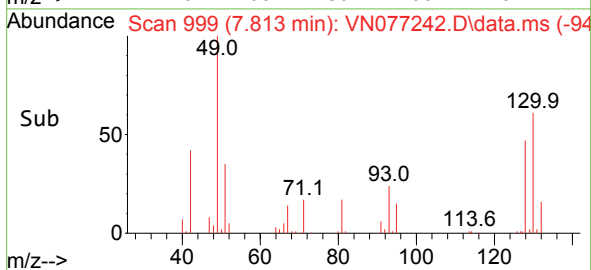
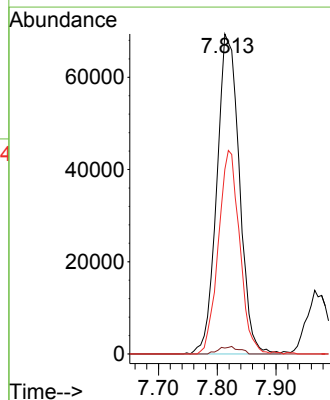
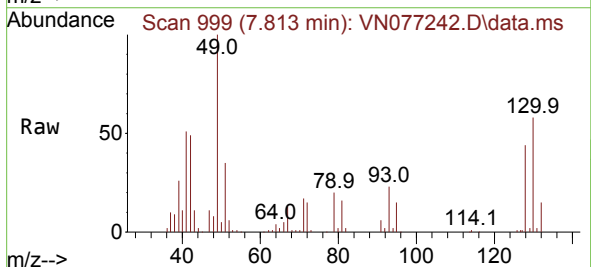
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

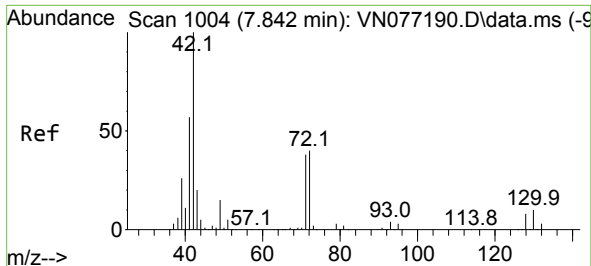
Tgt Ion: 96 Resp: 197870
 Ion Ratio Lower Upper
 96 100
 61 157.5 0.0 255.6
 98 63.0 0.0 127.4



#28
 Bromochloromethane
 Concen: 52.260 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

Tgt Ion: 49 Resp: 184847
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 60.1 74.8 112.2#





#29

Tetrahydrofuran

Concen: 261.727 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

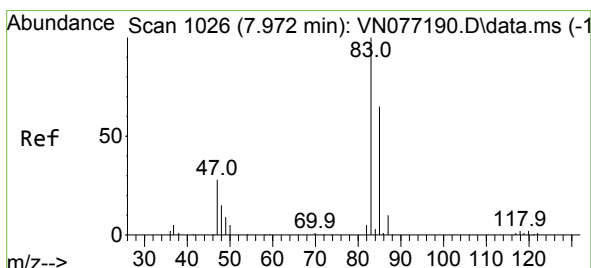
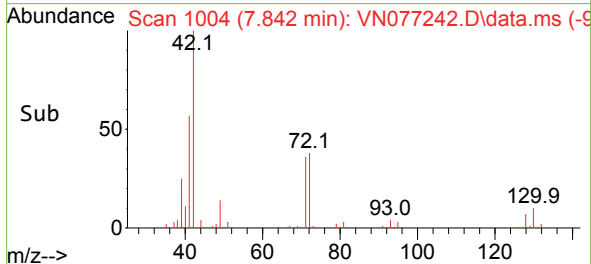
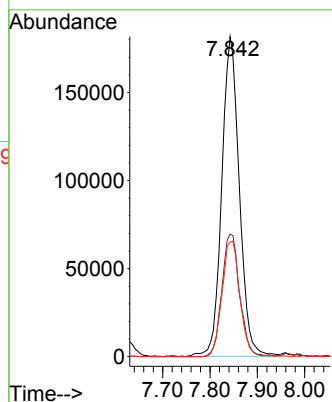
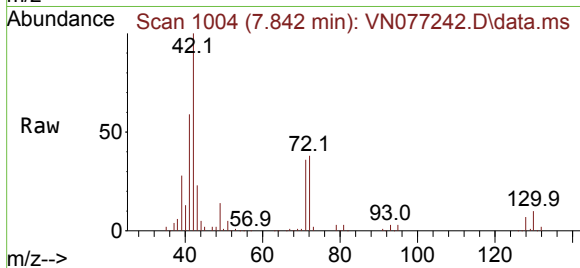
Tgt Ion: 42 Resp: 467972

Ion Ratio Lower Upper

42 100

72 38.6 48.6 73.0#

71 36.6 45.1 67.7#



#30

Chloroform

Concen: 50.662 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077242.D

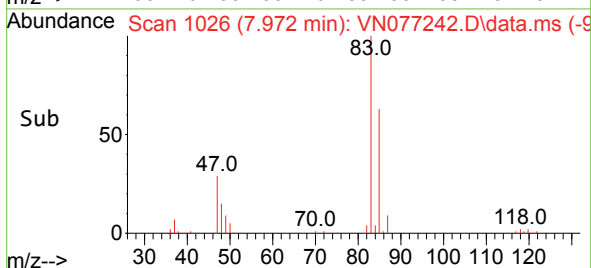
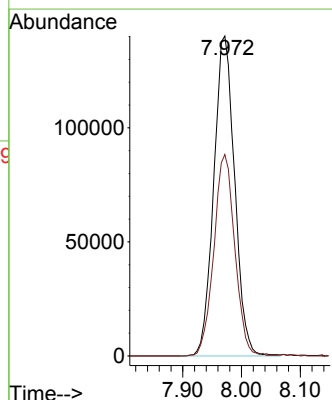
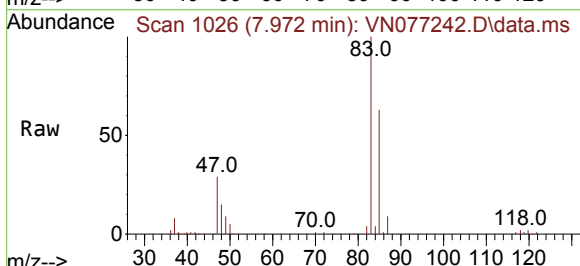
Acq: 28 Mar 2023 17:36

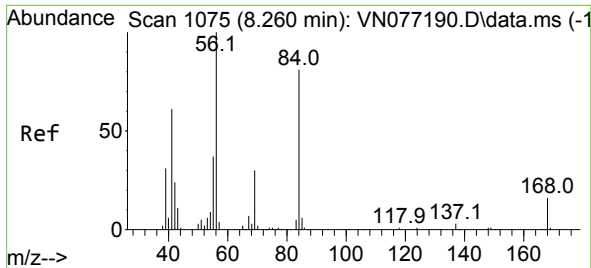
Tgt Ion: 83 Resp: 346109

Ion Ratio Lower Upper

83 100

85 62.9 51.3 76.9

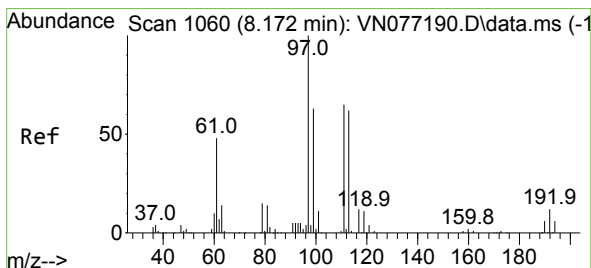
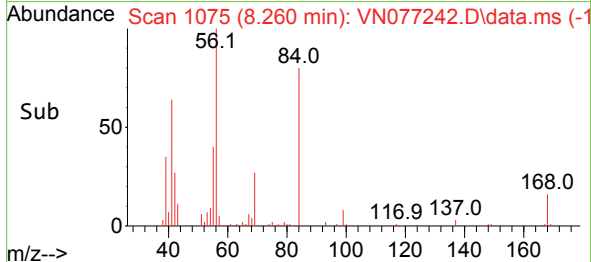
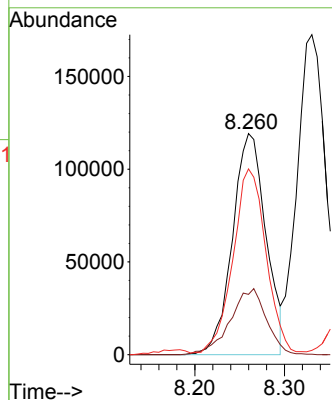
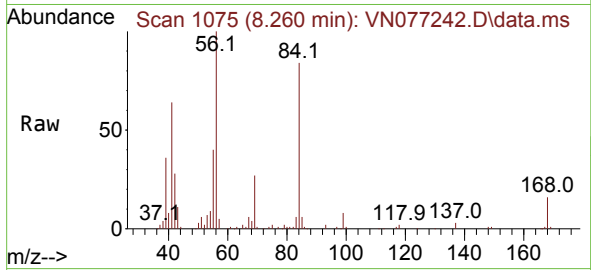




#31
Cyclohexane
Concen: 47.880 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

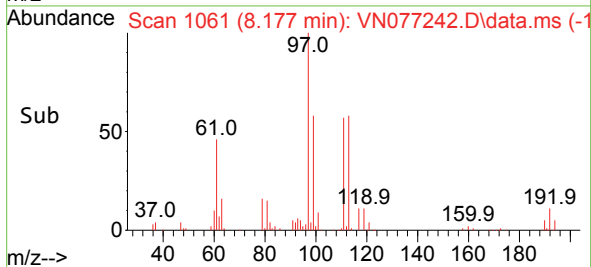
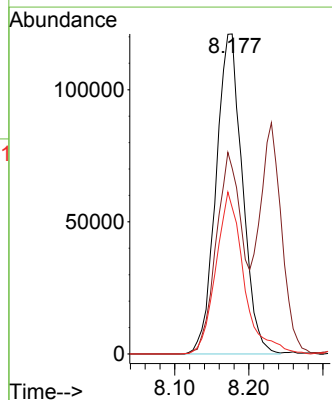
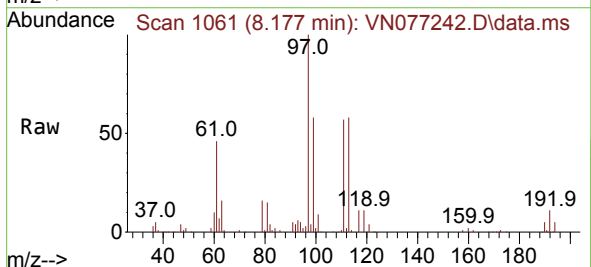
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

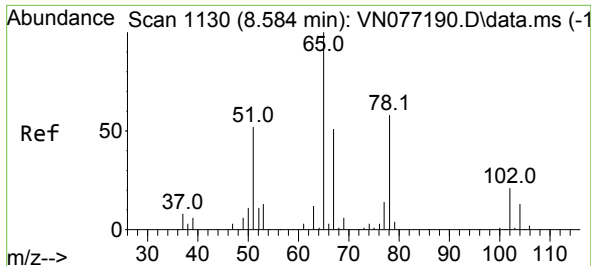
Tgt Ion: 56 Resp: 308795
Ion Ratio Lower Upper
56 100
69 27.3 27.0 40.6
84 81.8 82.9 124.3#



#32
1,1,1-Trichloroethane
Concen: 51.089 ug/l
RT: 8.177 min Scan# 1061
Delta R.T. 0.005 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 97 Resp: 299648
Ion Ratio Lower Upper
97 100
99 62.2 51.2 76.8
61 53.6 35.7 53.5#





#33

1,2-Dichloroethane-d4

Concen: 54.751 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

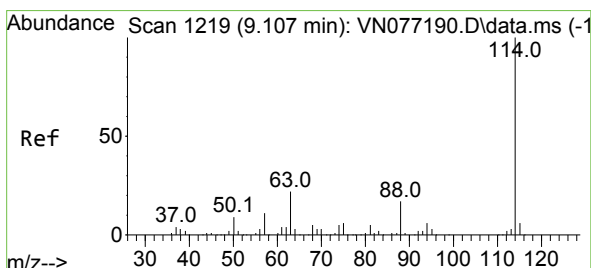
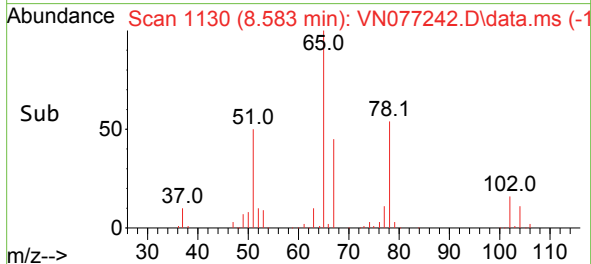
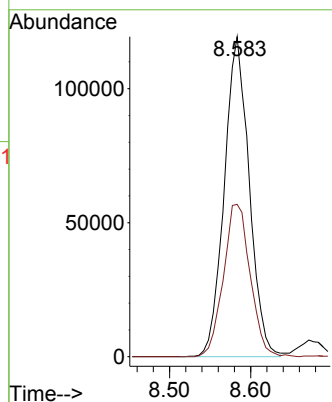
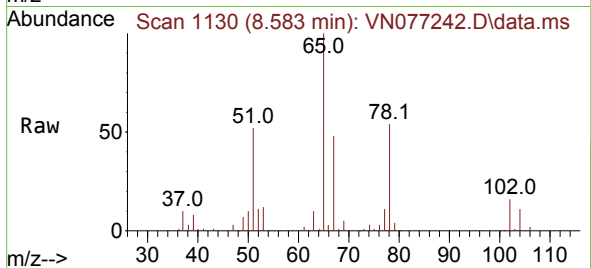
VSTDCCC050EC

Tgt Ion: 65 Resp: 254186

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

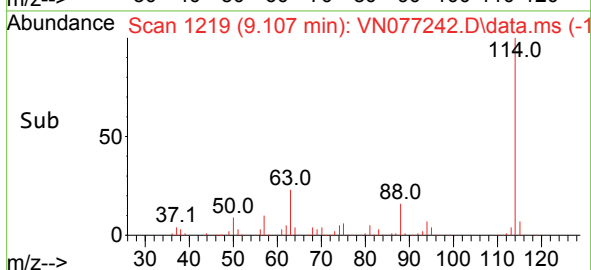
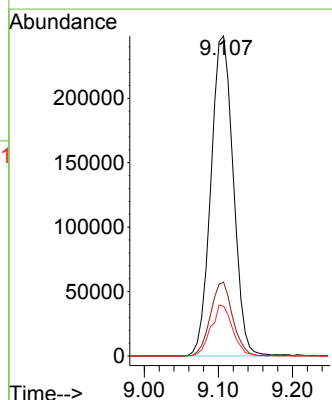
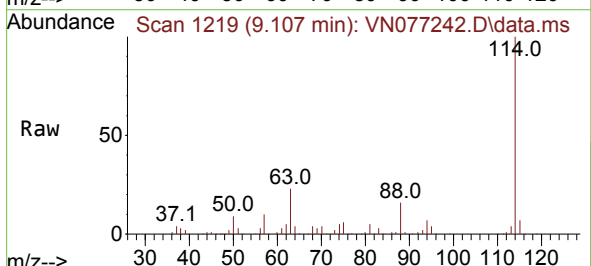
Tgt Ion: 114 Resp: 520496

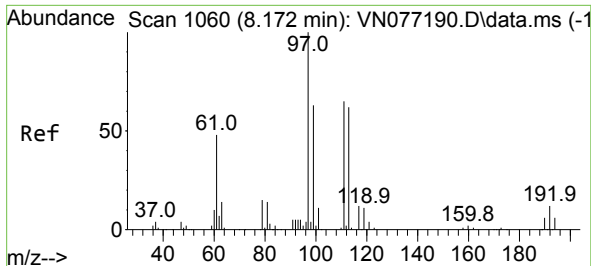
Ion Ratio Lower Upper

114 100

63 23.1 0.0 36.6

88 15.5 0.0 28.6

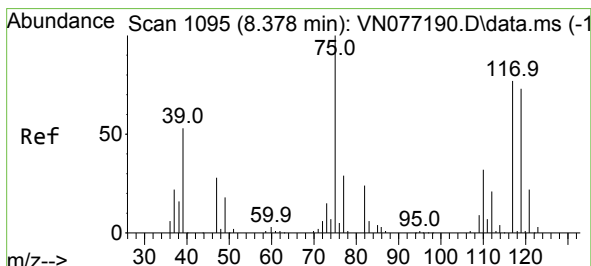
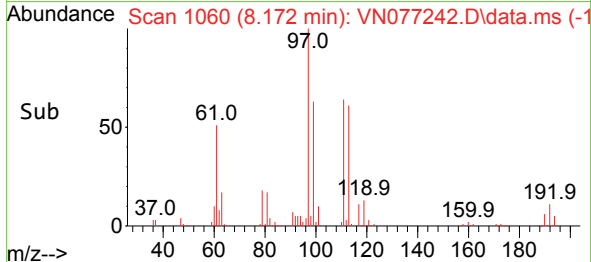
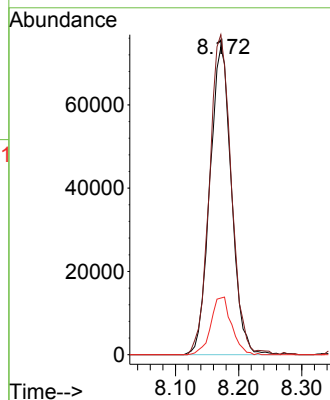
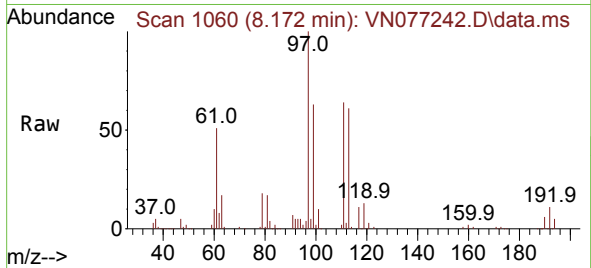




#35
Dibromofluoromethane
Concen: 49.894 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

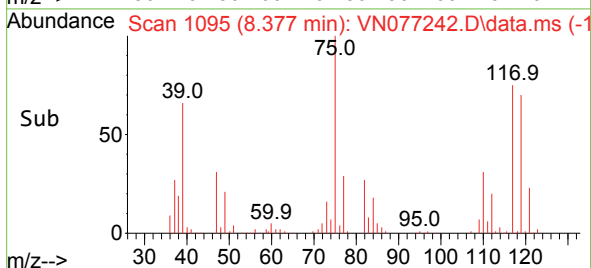
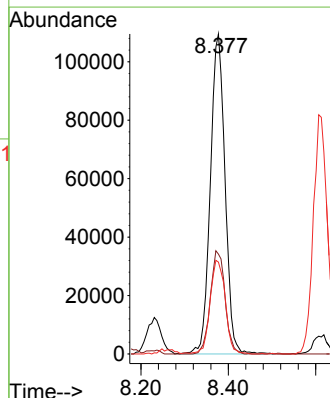
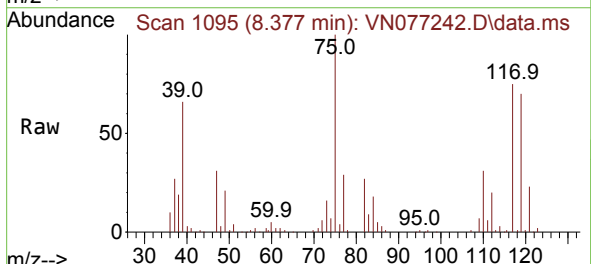
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

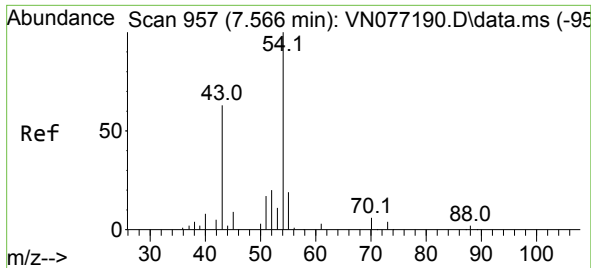
Tgt Ion:113 Resp: 176216
Ion Ratio Lower Upper
113 100
111 105.3 81.8 122.8
192 17.9 13.9 20.9



#36
1,1-Dichloropropene
Concen: 52.092 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.001 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 75 Resp: 256057
Ion Ratio Lower Upper
75 100
110 32.3 18.9 56.9
77 30.3 24.9 37.3

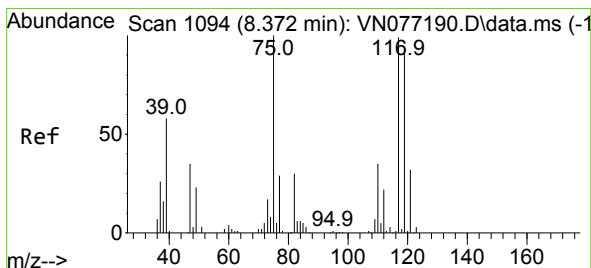
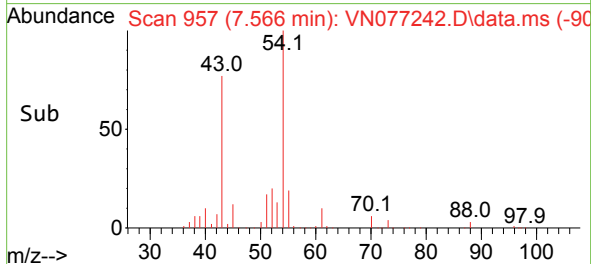
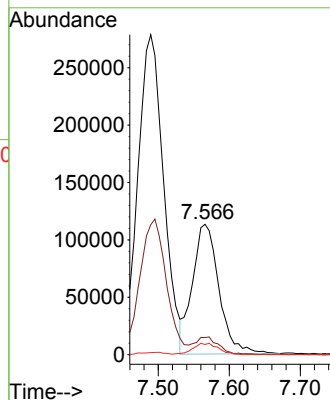
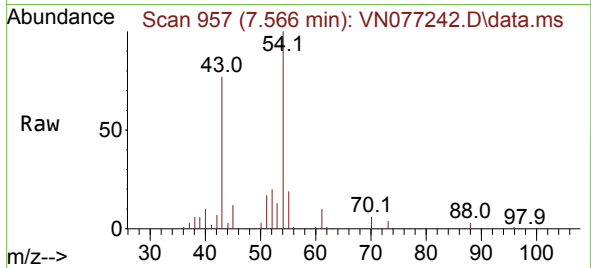




#37
Ethyl Acetate
Concen: 53.742 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

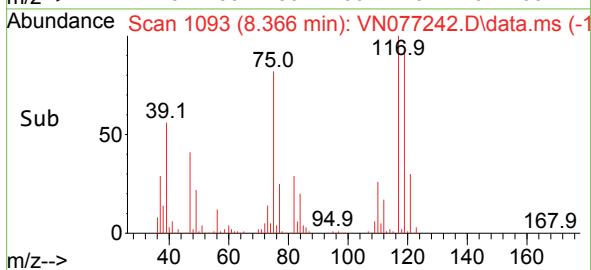
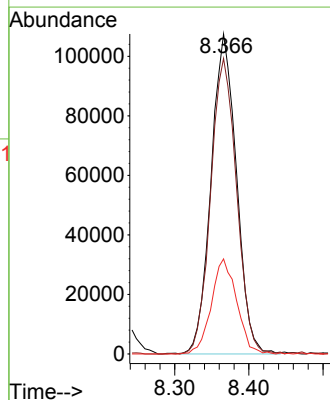
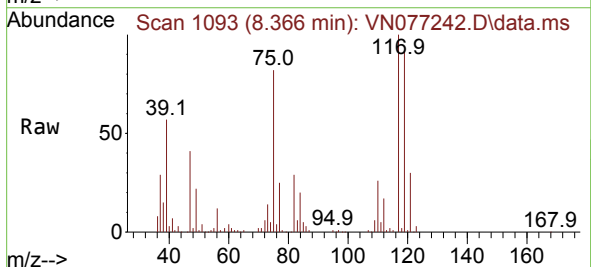
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

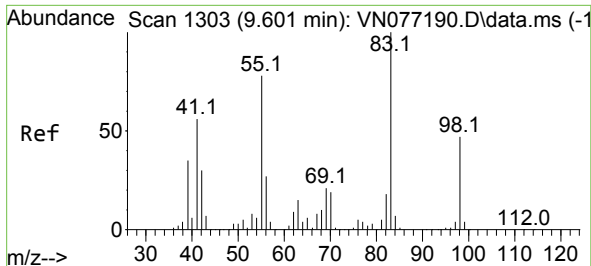
Tgt Ion: 43 Resp: 294455
Ion Ratio Lower Upper
43 100
61 12.1 13.5 20.3#
70 8.5 11.0 16.6#



#38
Carbon Tetrachloride
Concen: 51.393 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 117 Resp: 256137
Ion Ratio Lower Upper
117 100
119 92.2 76.9 115.3
121 29.7 23.2 34.8





#39

Methylcyclohexane

Concen: 54.035 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.006 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

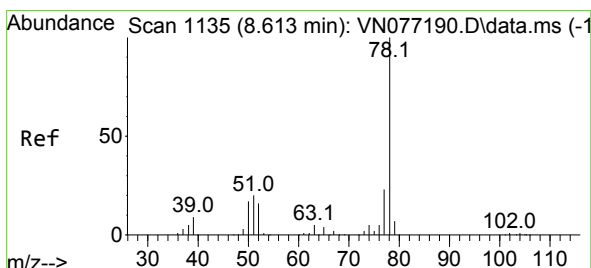
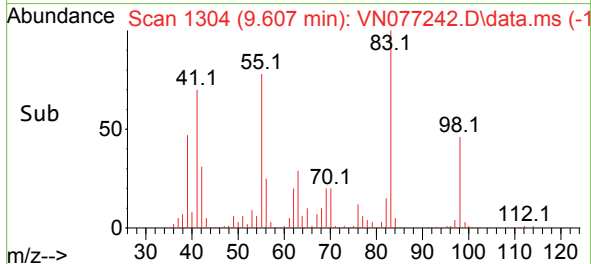
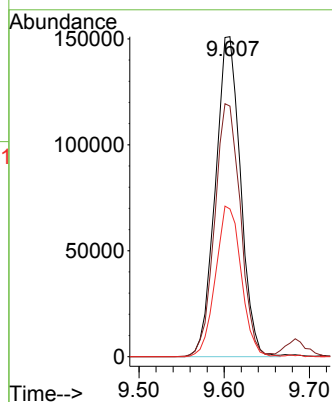
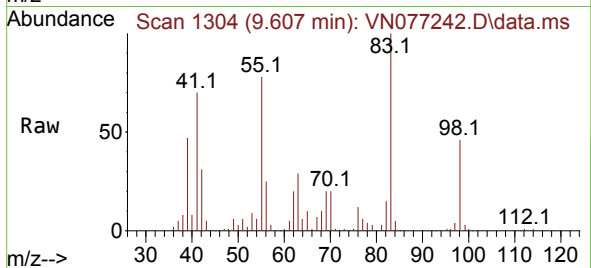
Tgt Ion: 83 Resp: 310221

Ion Ratio Lower Upper

83 100

55 78.2 47.0 70.4#

98 46.1 39.4 59.0



#40

Benzene

Concen: 50.364 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077242.D

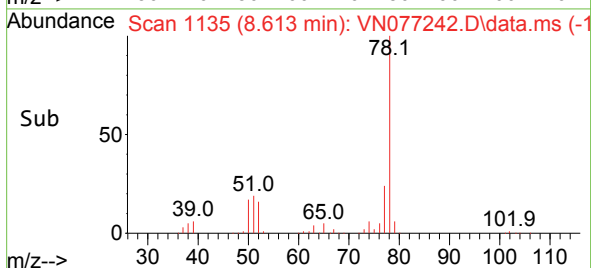
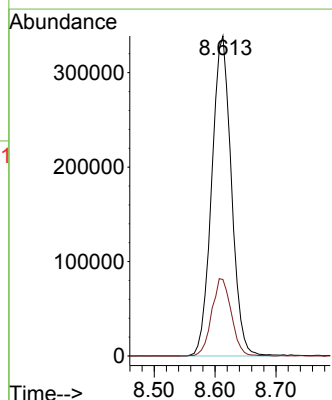
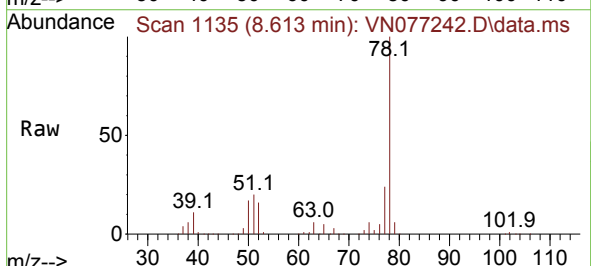
Acq: 28 Mar 2023 17:36

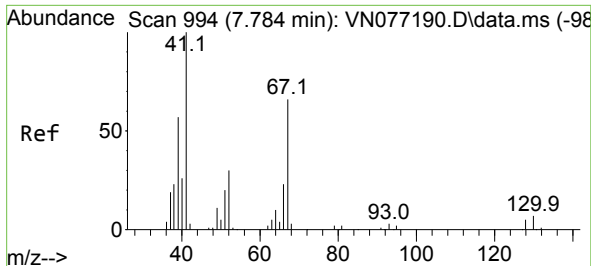
Tgt Ion: 78 Resp: 758713

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

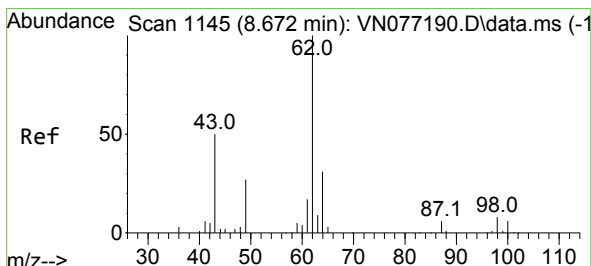
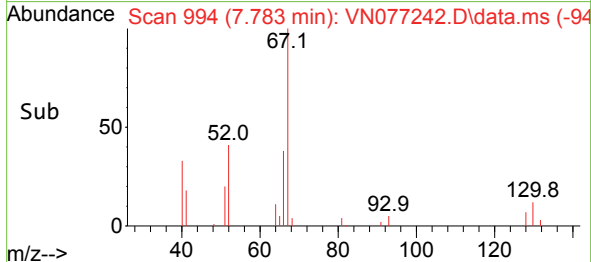
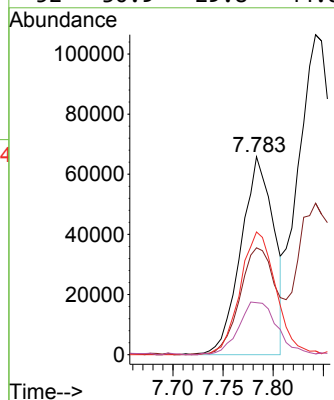
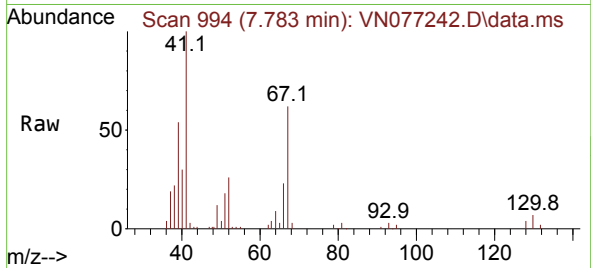




#41
Methacrylonitrile
Concen: 50.102 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

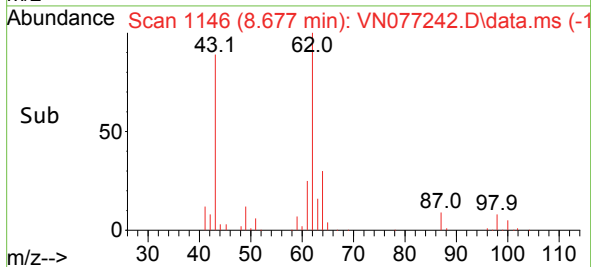
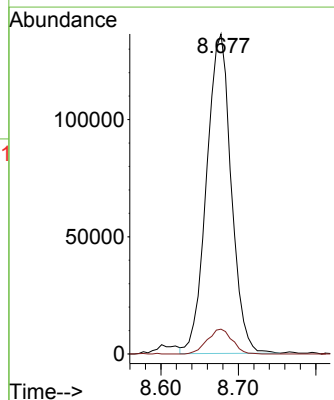
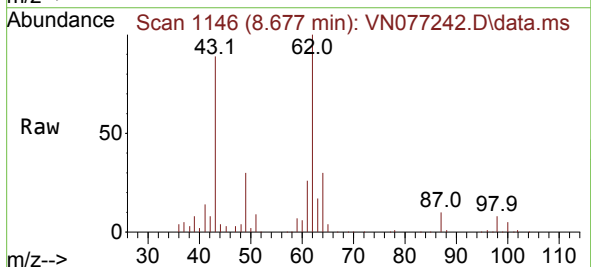
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

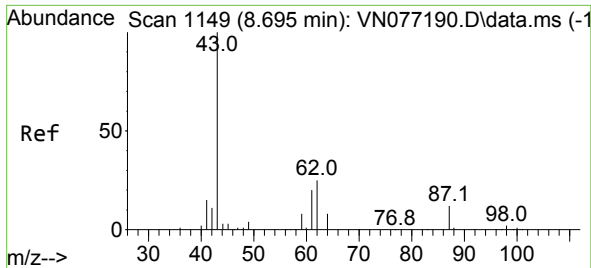
Tgt Ion: 41 Resp: 150037
Ion Ratio Lower Upper
41 100
39 61.6 43.4 65.0
67 68.0 78.6 118.0#
52 30.9 29.8 44.8



#42
1,2-Dichloroethane
Concen: 53.022 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.005 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 62 Resp: 301164
Ion Ratio Lower Upper
62 100
98 7.8 0.0 21.8

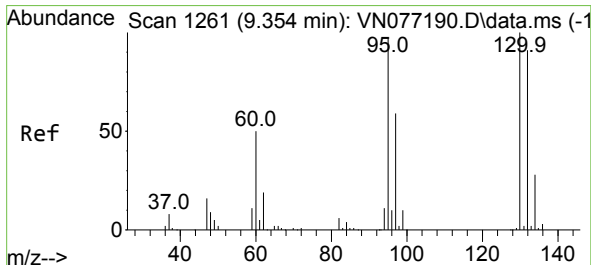
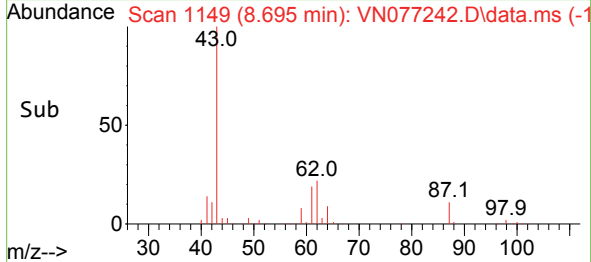
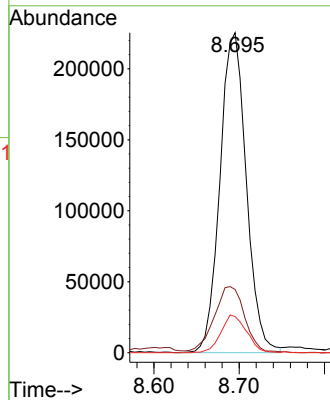
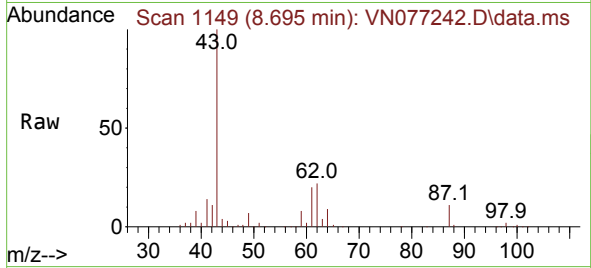




#43
Isopropyl Acetate
Concen: 54.726 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

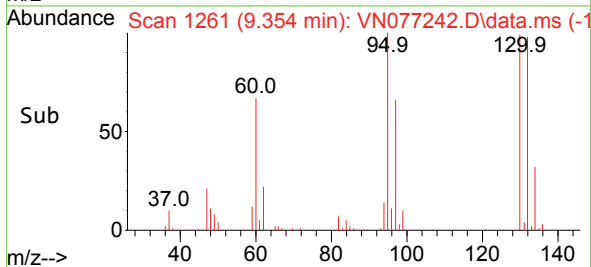
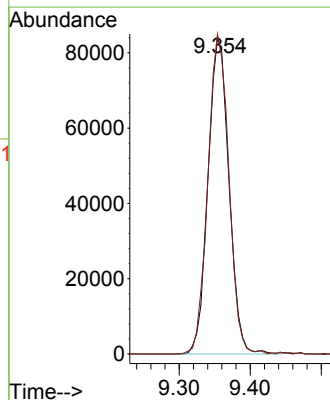
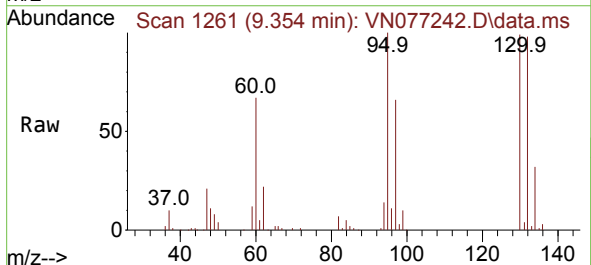
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

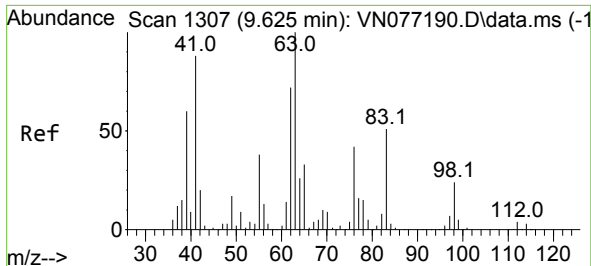
Tgt Ion: 43 Resp: 483736
Ion Ratio Lower Upper
43 100
61 24.1 26.2 39.2#
87 11.4 14.8 22.2#



#44
Trichloroethene
Concen: 49.985 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion:130 Resp: 172529
Ion Ratio Lower Upper
130 100
95 101.3 0.0 208.6





#45

1,2-Dichloropropane

Concen: 51.553 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

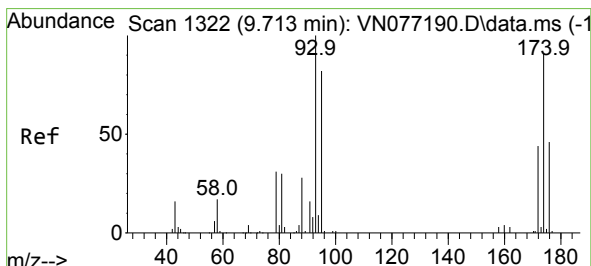
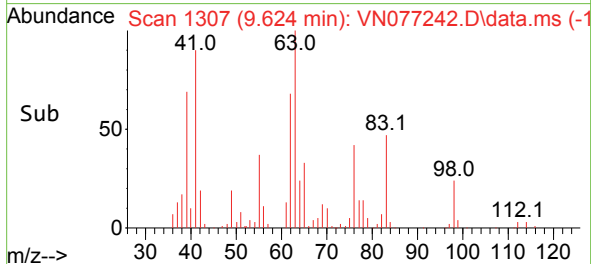
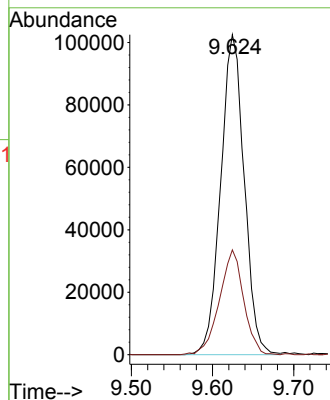
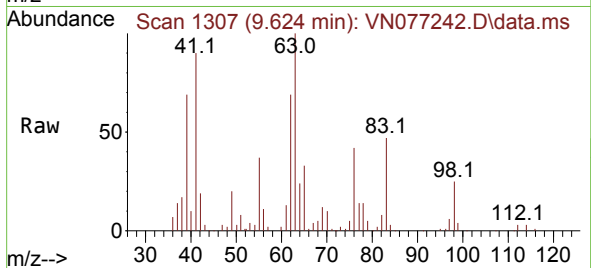
VSTDCCC050EC

Tgt Ion: 63 Resp: 206545

Ion Ratio Lower Upper

63 100

65 32.8 25.0 37.6



#46

Dibromomethane

Concen: 51.336 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

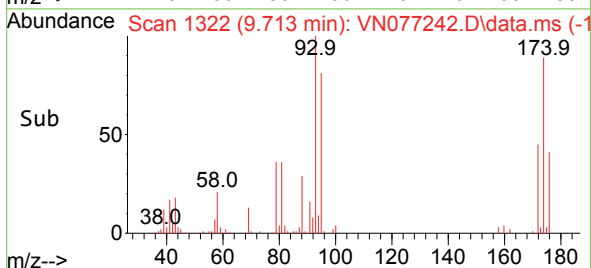
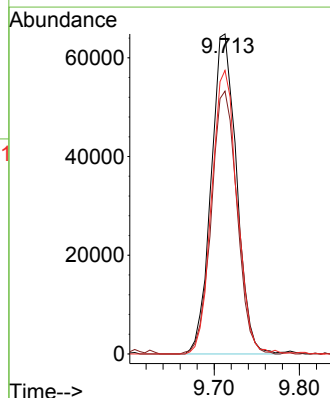
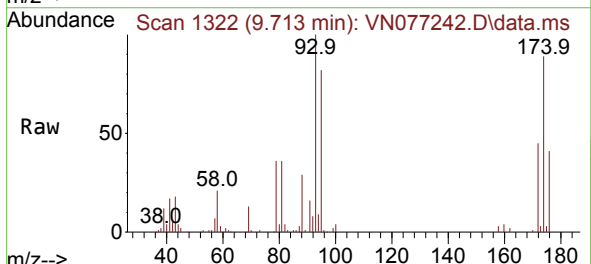
Tgt Ion: 93 Resp: 134426

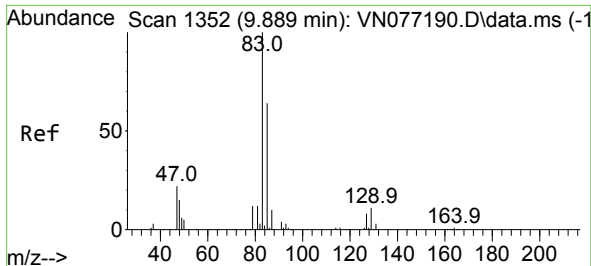
Ion Ratio Lower Upper

93 100

95 83.0 65.7 98.5

174 88.5 69.3 103.9

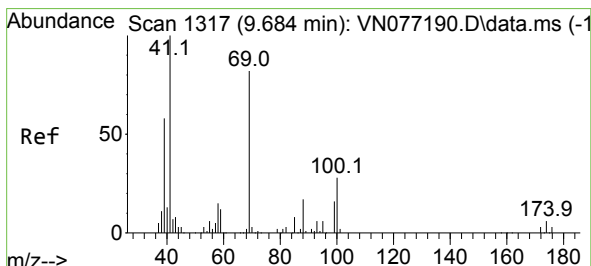
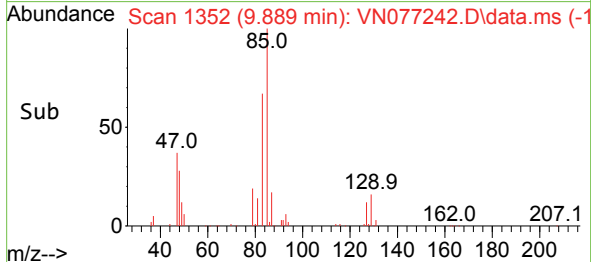
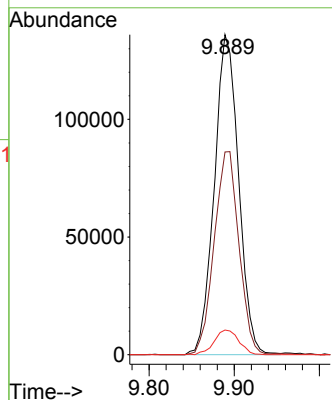
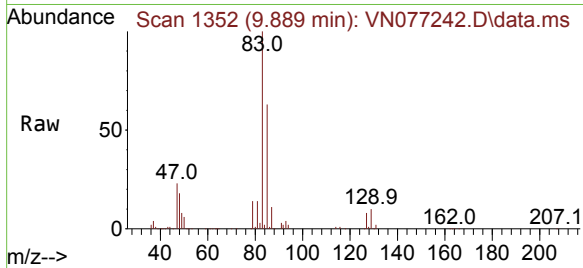




#47
Bromodichloromethane
Concen: 51.779 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

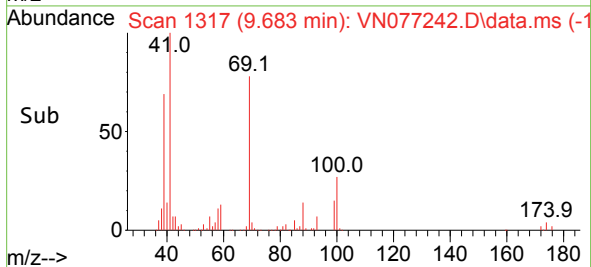
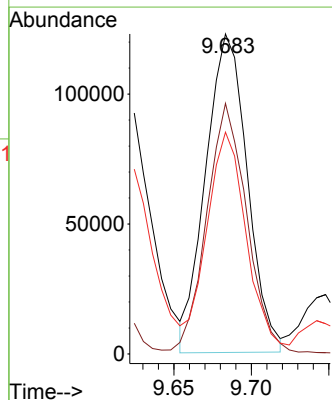
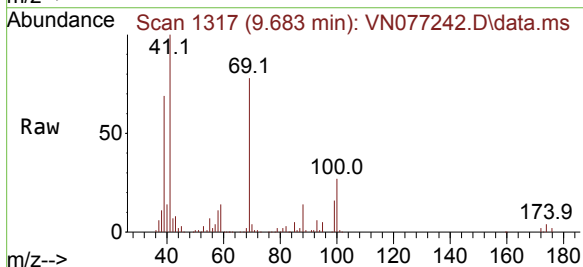
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

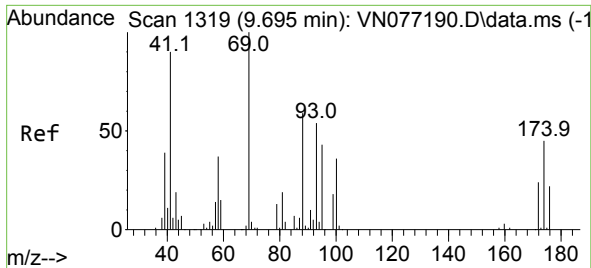
Tgt Ion: 83 Resp: 269658
Ion Ratio Lower Upper
83 100
85 63.4 52.6 78.8
127 7.7 7.0 10.6



#48
Methyl methacrylate
Concen: 53.825 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 41 Resp: 229113
Ion Ratio Lower Upper
41 100
69 75.9 92.6 139.0#
39 67.1 51.4 77.0





#49

1,4-Dioxane

Concen: 974.439 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

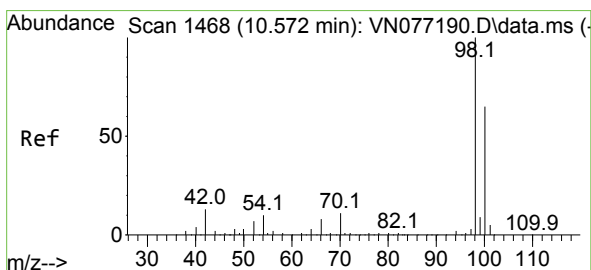
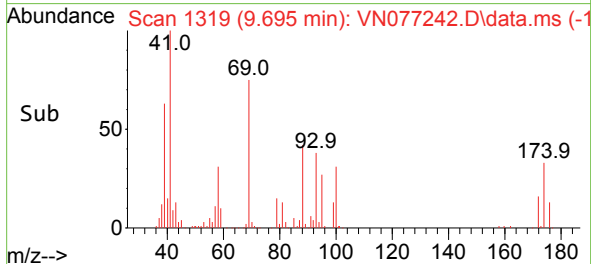
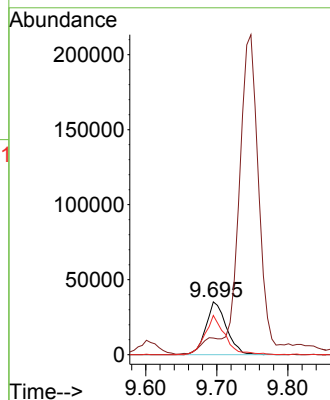
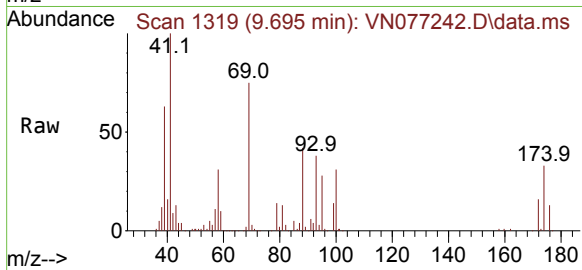
Tgt Ion: 88 Resp: 70711

Ion Ratio Lower Upper

88 100

43 31.2 15.3 22.9#

58 72.7 47.6 71.4#



#50

Toluene-d8

Concen: 52.994 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.001 min

Lab File: VN077242.D

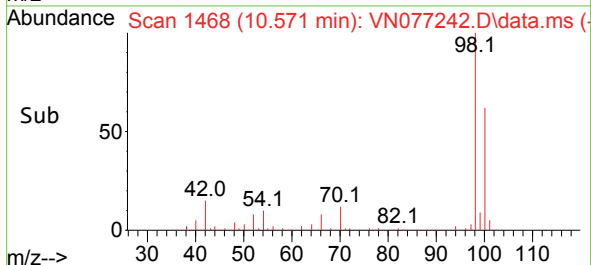
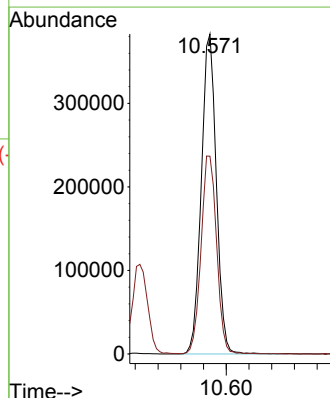
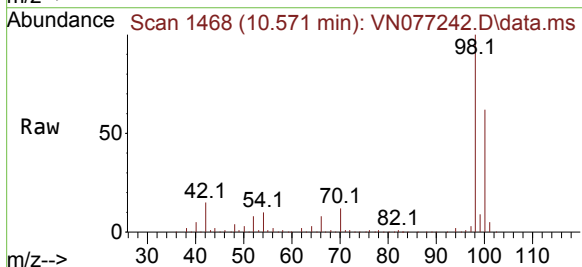
Acq: 28 Mar 2023 17:36

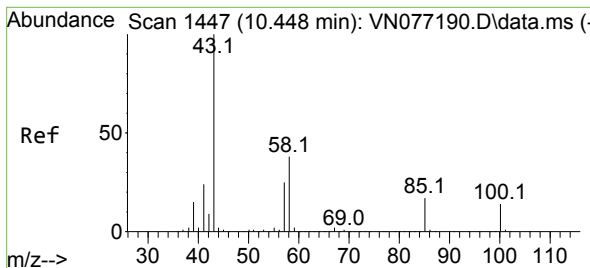
Tgt Ion: 98 Resp: 701310

Ion Ratio Lower Upper

98 100

100 63.8 52.8 79.2

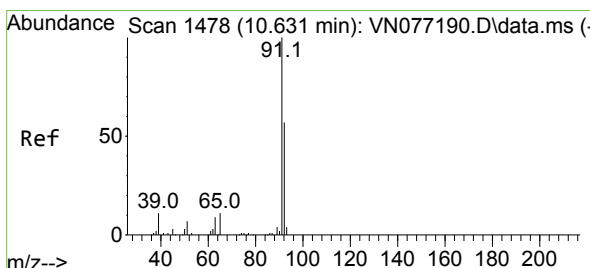
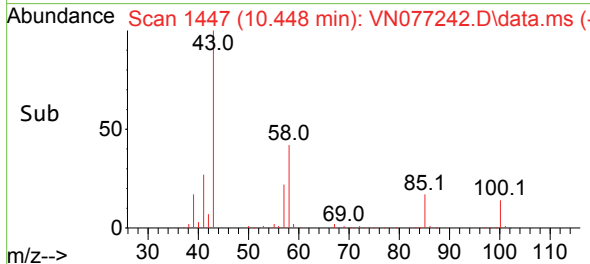
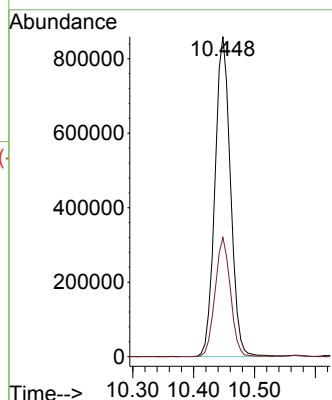
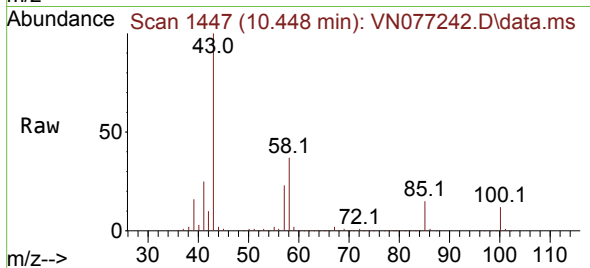




#51
4-Methyl-2-Pentanone
Concen: 273.678 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

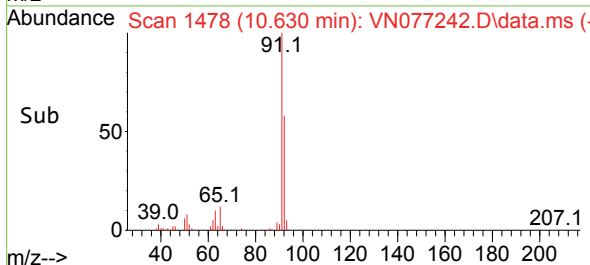
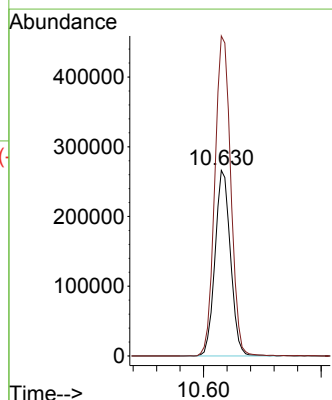
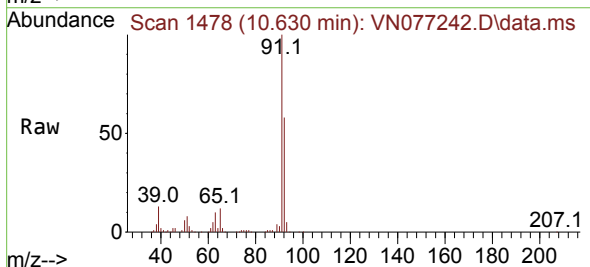
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

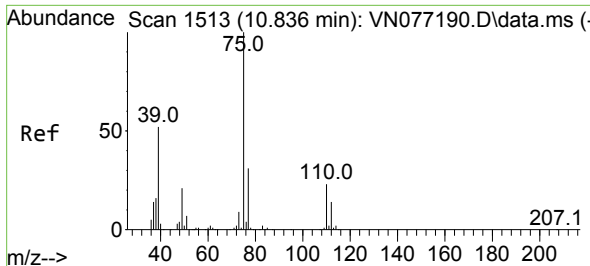
Tgt Ion: 43 Resp: 1522100
Ion Ratio Lower Upper
43 100
58 36.9 37.4 56.0#



#52
Toluene
Concen: 52.771 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 92 Resp: 484828
Ion Ratio Lower Upper
92 100
91 178.0 138.2 207.2

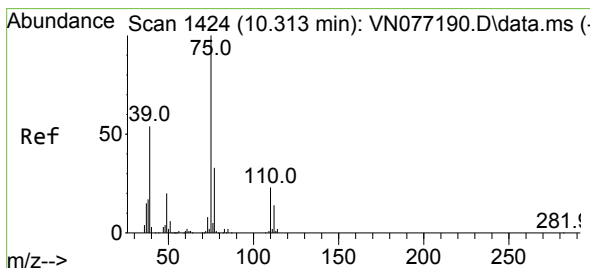
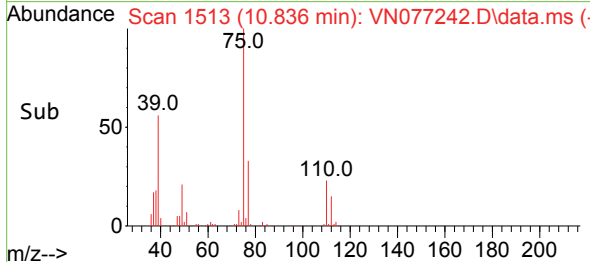
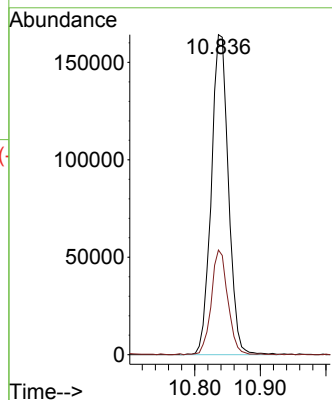
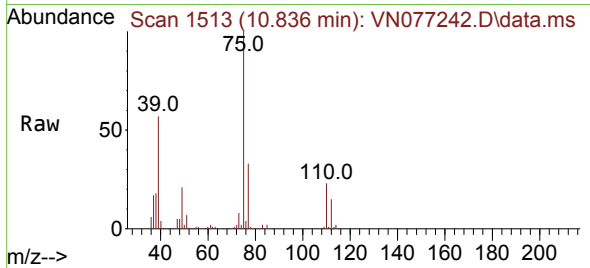




#53
t-1,3-Dichloropropene
Concen: 56.393 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

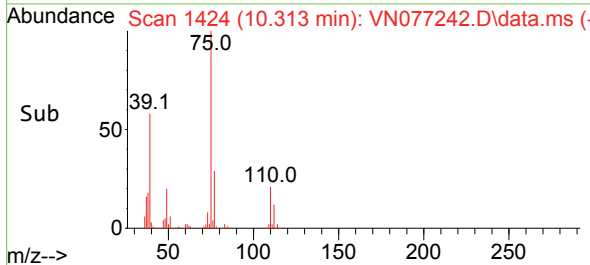
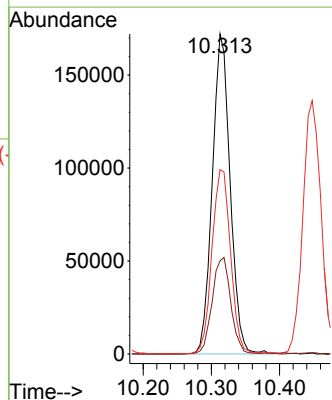
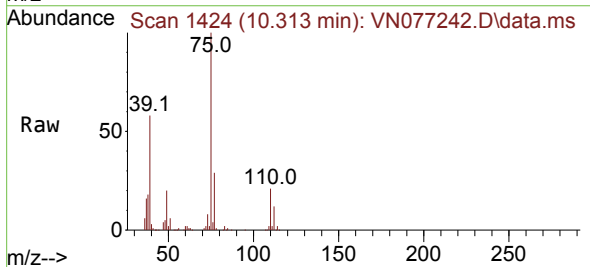
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

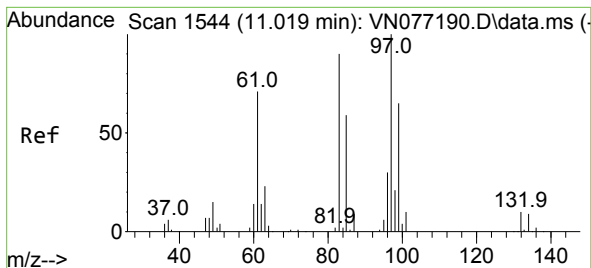
Tgt Ion: 75 Resp: 298022
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 54.355 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 75 Resp: 314363
Ion Ratio Lower Upper
75 100
77 29.1 25.7 38.5
39 57.5 29.7 44.5#





#55

1,1,2-Trichloroethane

Concen: 50.951 ug/l

RT: 11.018 min Scan# 1544

Delta R.T. -0.001 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 183758

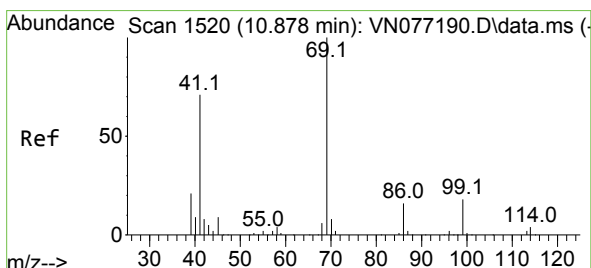
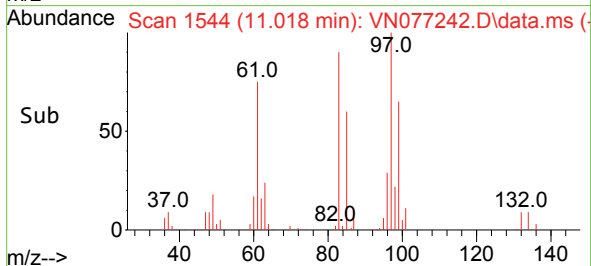
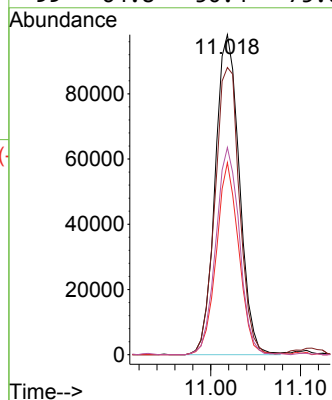
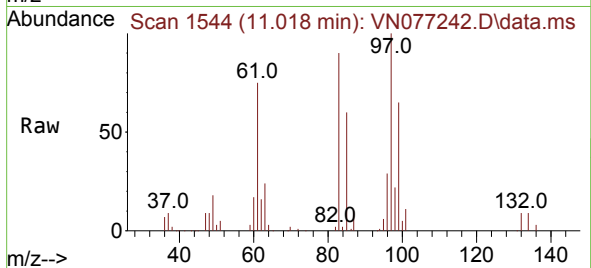
Ion Ratio Lower Upper

97 100

83 89.8 67.1 100.7

85 60.0 41.8 62.8

99 64.8 50.4 75.6



#56

Ethyl methacrylate

Concen: 56.281 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.001 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

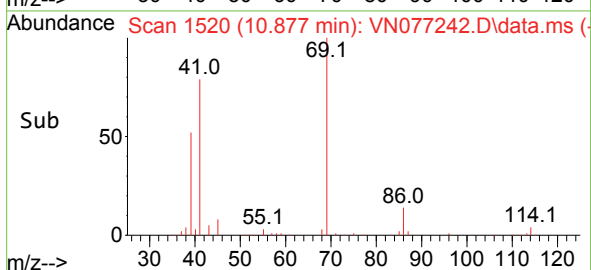
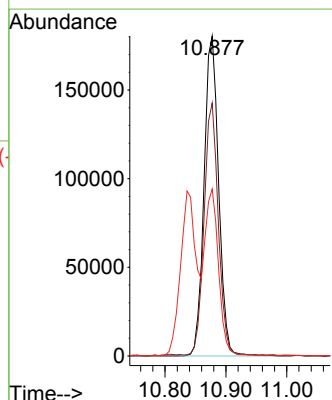
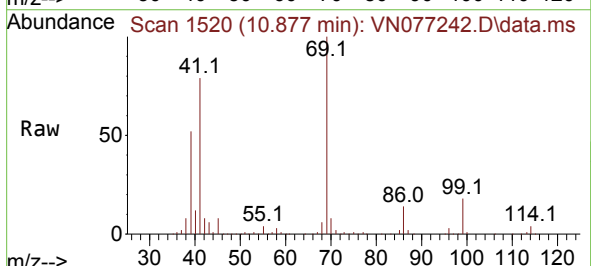
Tgt Ion: 69 Resp: 299637

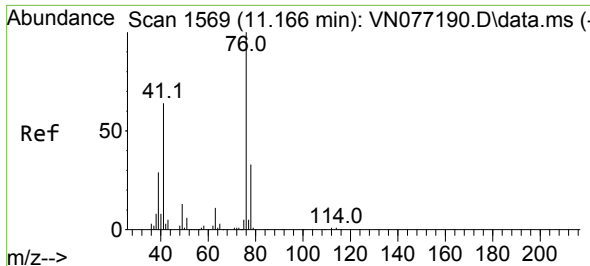
Ion Ratio Lower Upper

69 100

41 76.6 38.0 57.0#

39 47.1 22.4 33.6#

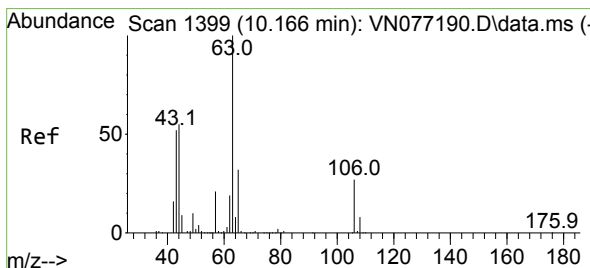
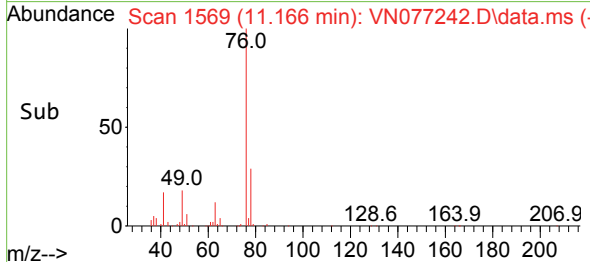
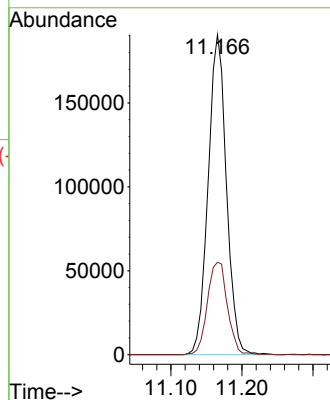
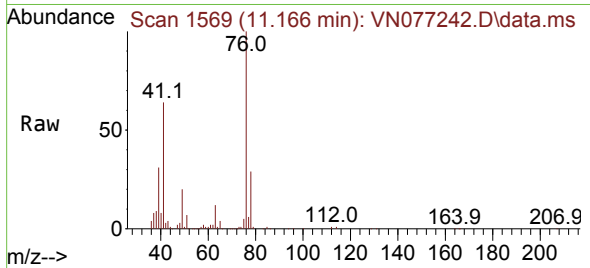




#57
1,3-Dichloropropane
Concen: 53.058 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

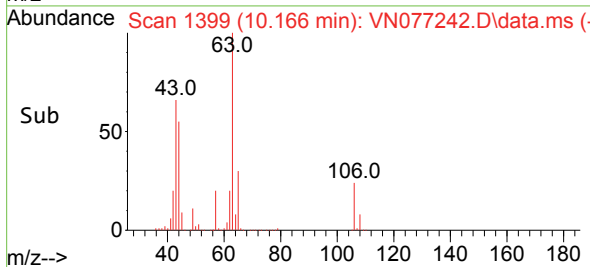
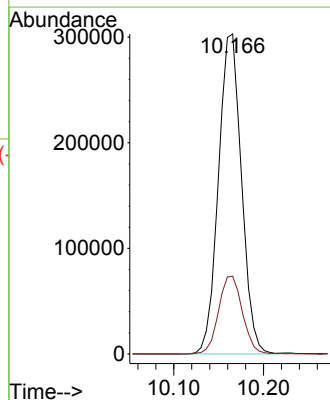
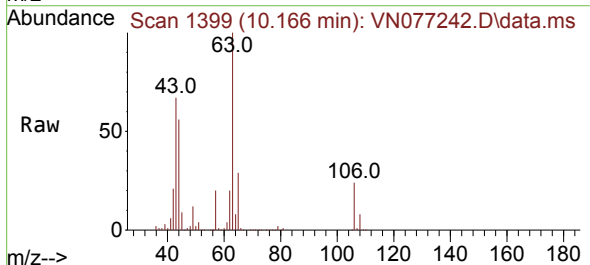
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

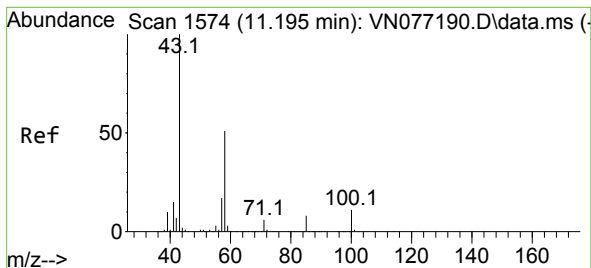
Tgt Ion: 76 Resp: 341142
Ion Ratio Lower Upper
76 100
78 31.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 260.233 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 63 Resp: 540454
Ion Ratio Lower Upper
63 100
106 25.2 25.6 38.4#

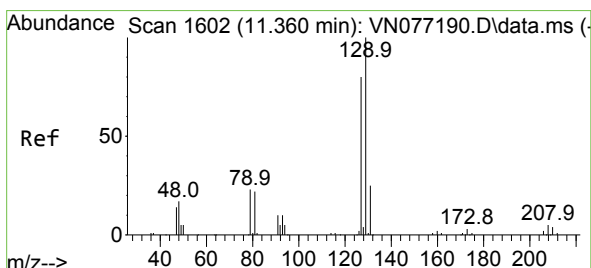
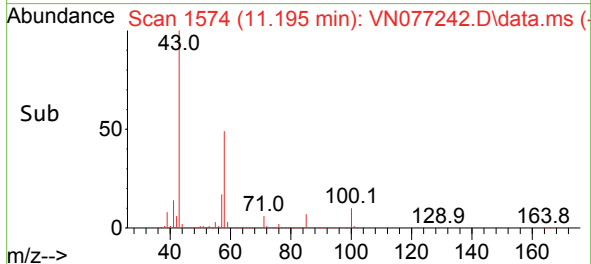
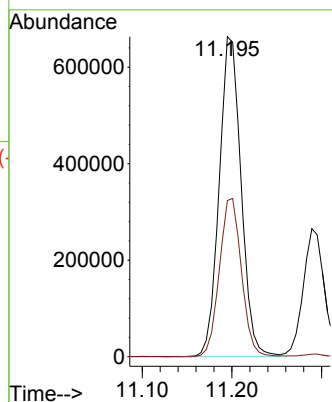
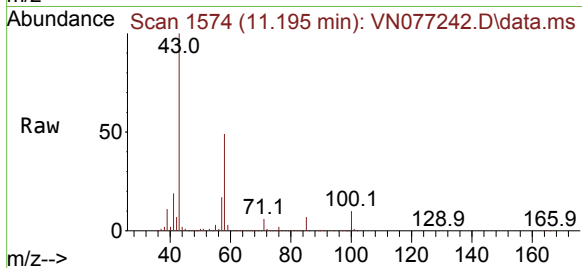




#59
2-Hexanone
Concen: 281.578 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

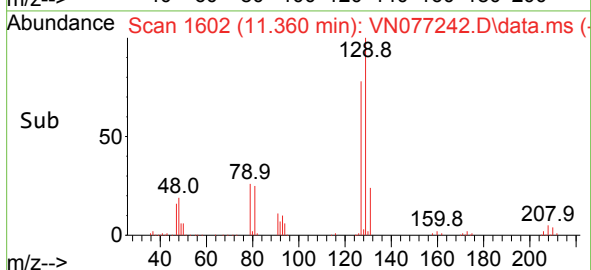
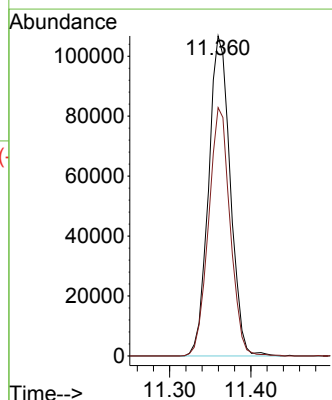
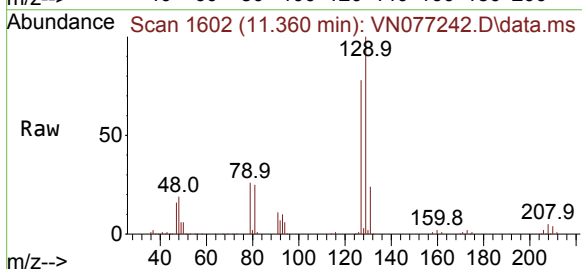
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

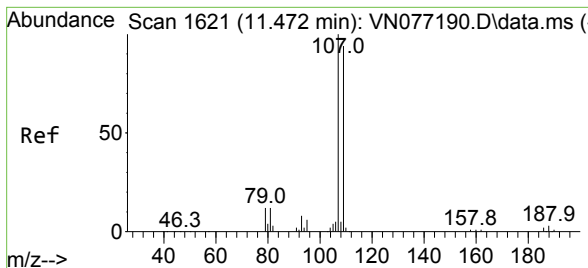
Tgt Ion: 43 Resp: 1125472
Ion Ratio Lower Upper
43 100
58 49.8 32.6 98.0



#60
Dibromochloromethane
Concen: 53.459 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion:129 Resp: 198067
Ion Ratio Lower Upper
129 100
127 77.0 39.6 118.8

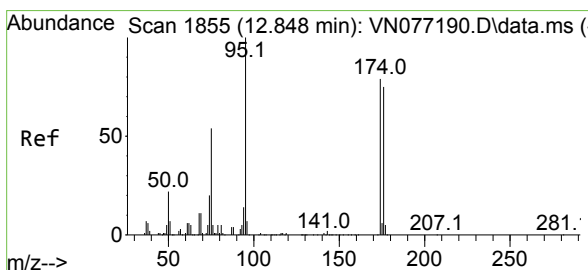
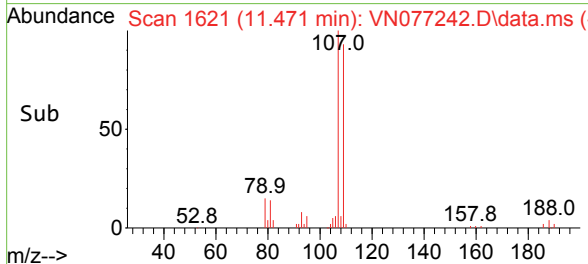
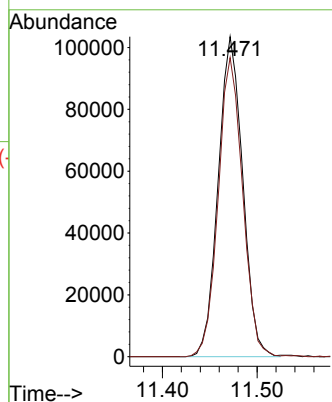
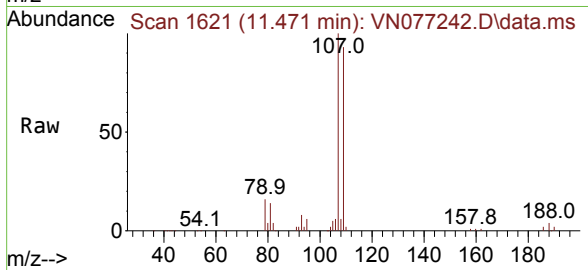




#61
1,2-Dibromoethane
Concen: 51.971 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

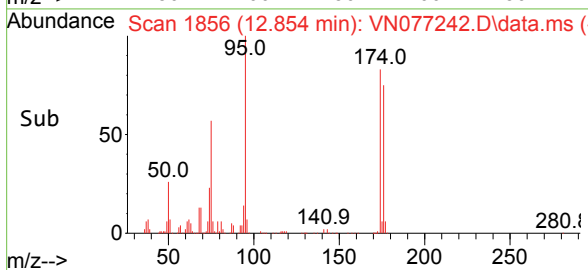
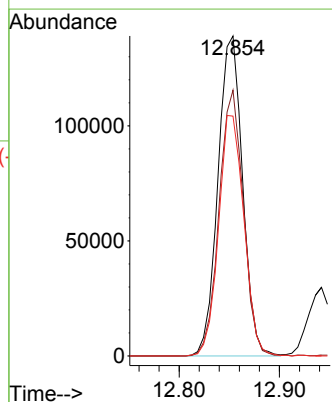
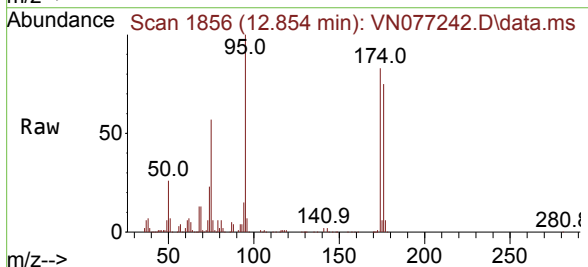
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

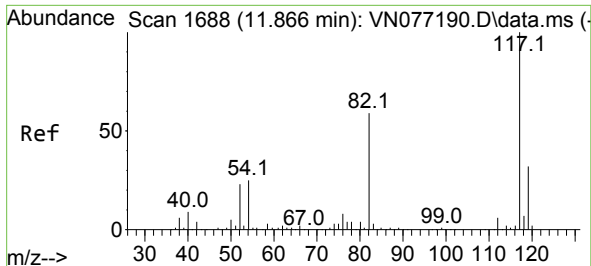
Tgt Ion:107 Resp: 186278
Ion Ratio Lower Upper
107 100
109 93.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 54.649 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 95 Resp: 237355
Ion Ratio Lower Upper
95 100
174 81.8 0.0 162.4
176 77.3 0.0 157.4

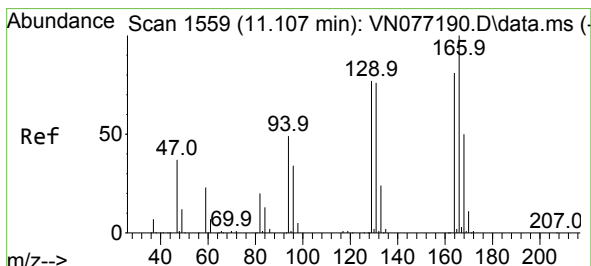
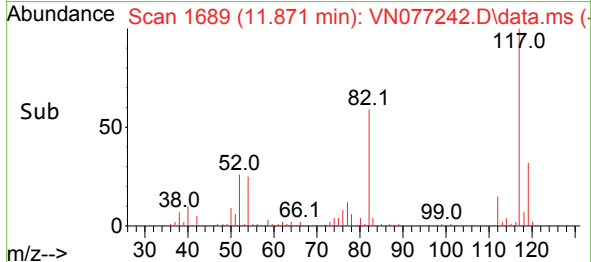
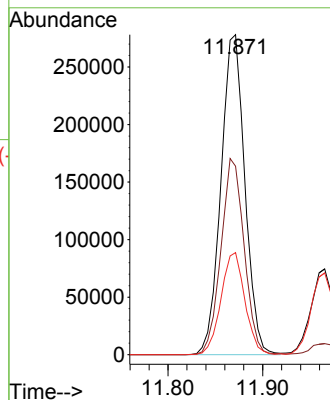
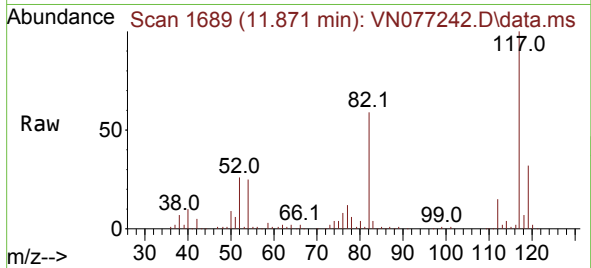




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

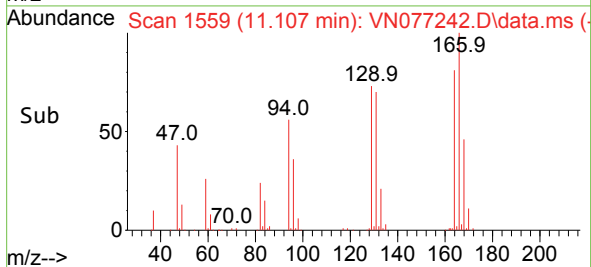
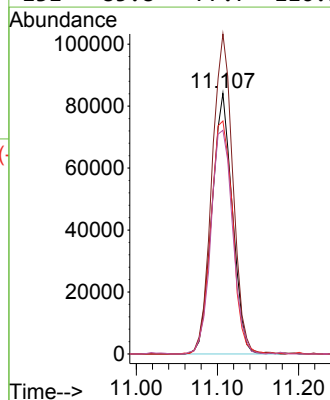
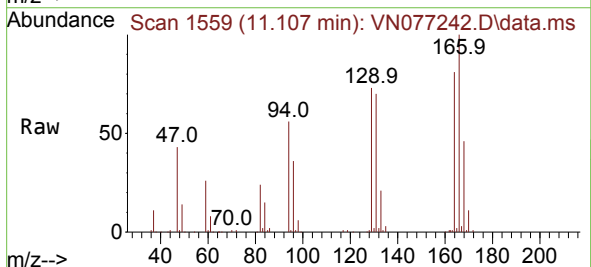
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

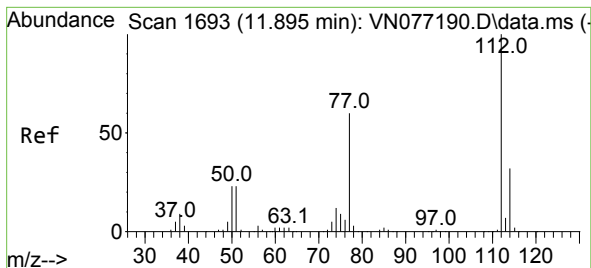
Tgt Ion:117 Resp: 488545
Ion Ratio Lower Upper
117 100
82 58.9 43.5 65.3
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 48.774 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion:164 Resp: 147812
Ion Ratio Lower Upper
164 100
166 122.8 102.7 154.1
129 89.4 81.5 122.3
131 85.8 77.7 116.5

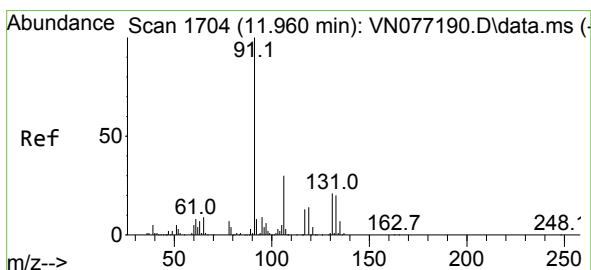
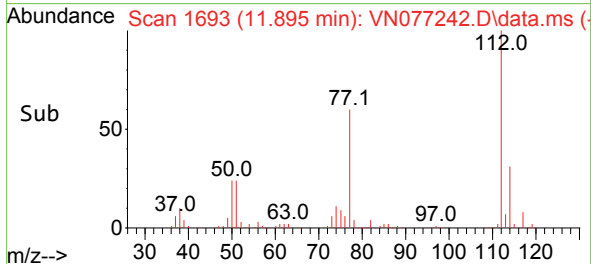
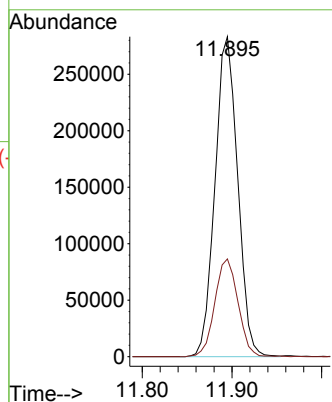
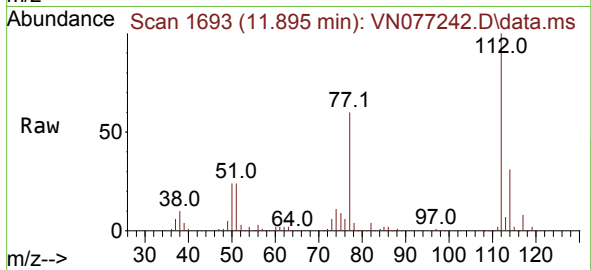




#65
Chlorobenzene
Concen: 50.470 ug/l
RT: 11.895 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

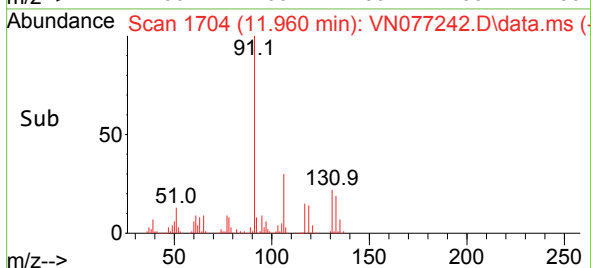
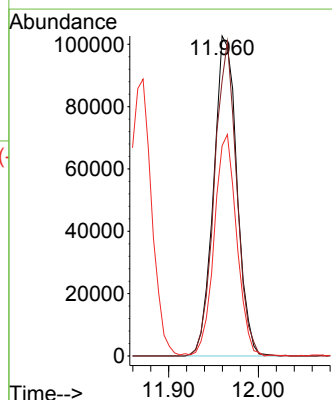
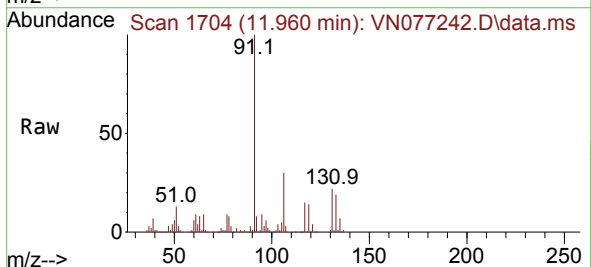
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

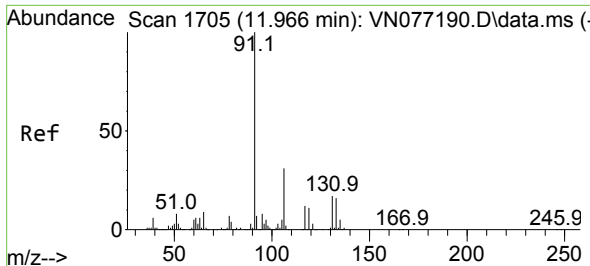
Tgt Ion:112 Resp: 496789
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.527 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion:131 Resp: 185295
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.8
119 66.1 33.1 99.2

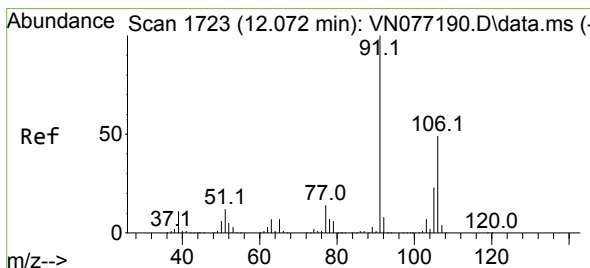
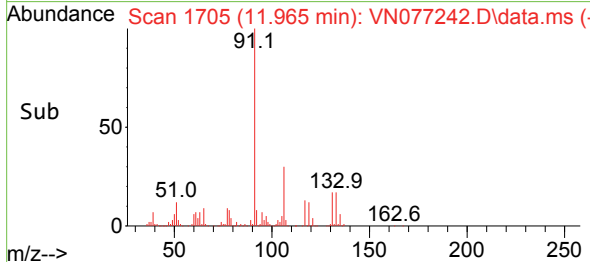
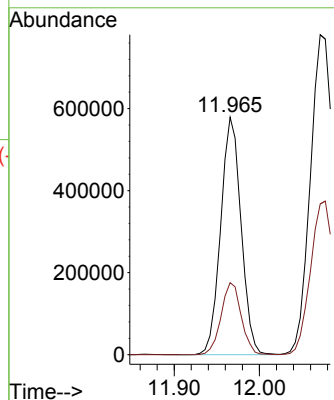
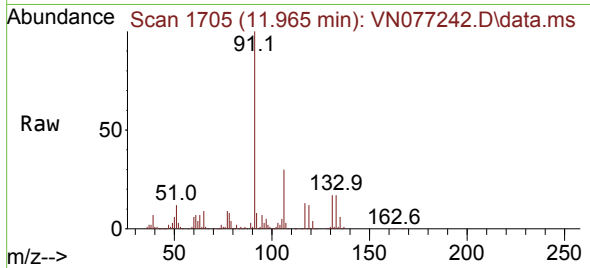




#67
Ethyl Benzene
Concen: 53.800 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

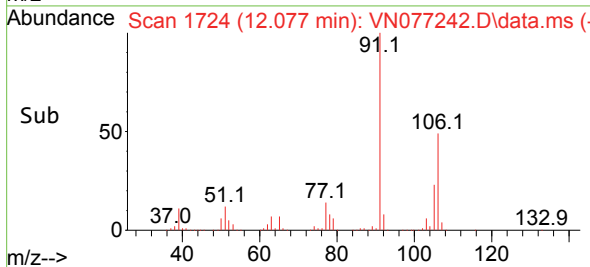
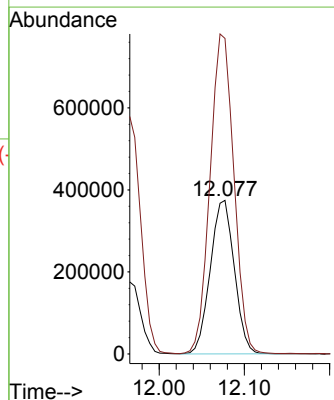
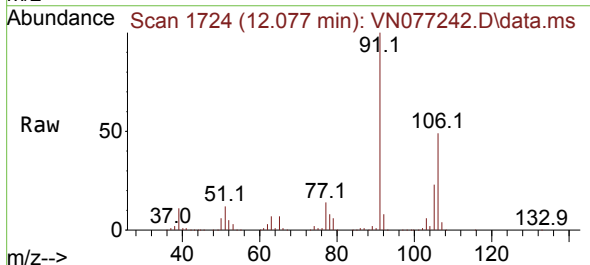
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

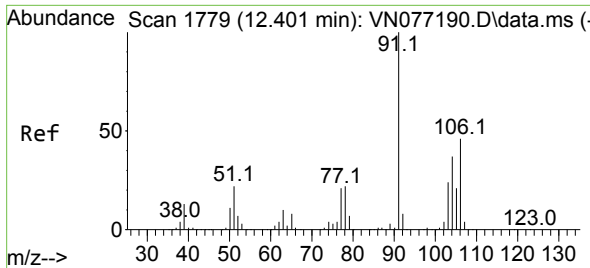
Tgt Ion: 91 Resp: 963396
Ion Ratio Lower Upper
91 100
106 30.4 25.1 37.7



#68
m/p-Xylenes
Concen: 107.625 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion:106 Resp: 733028
Ion Ratio Lower Upper
106 100
91 206.3 158.0 237.0

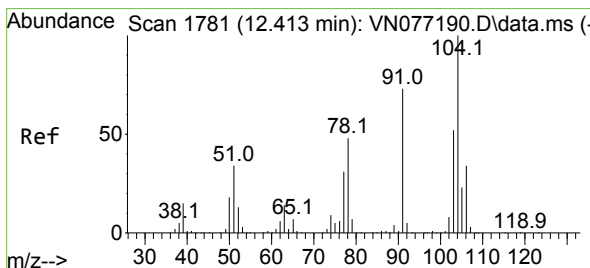
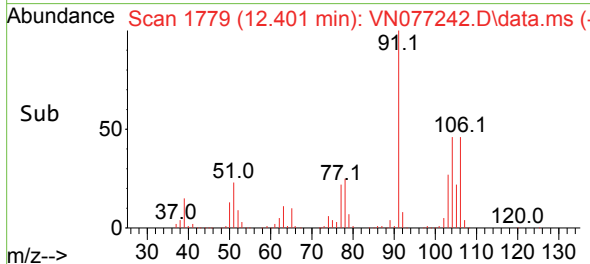
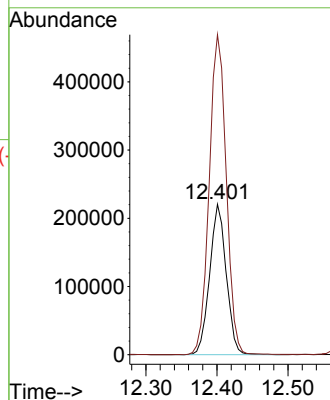
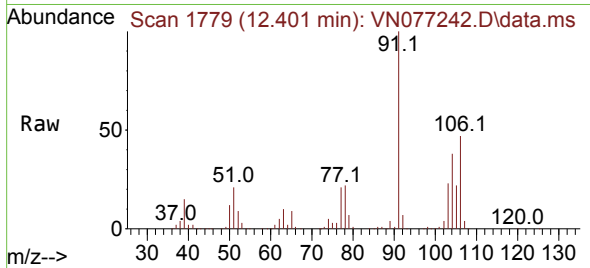




#69
o-Xylene
Concen: 54.212 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

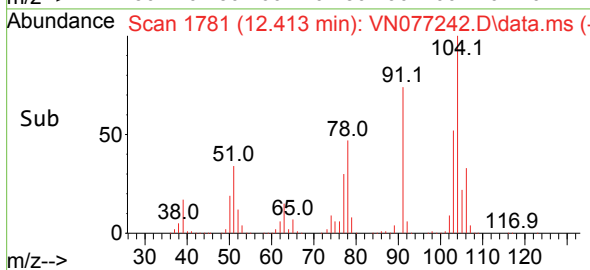
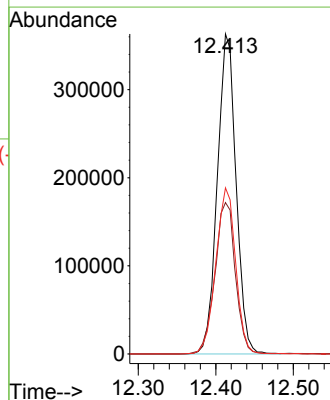
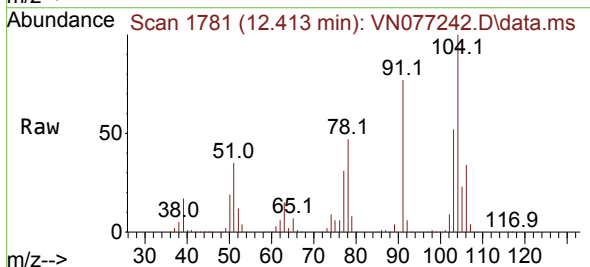
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

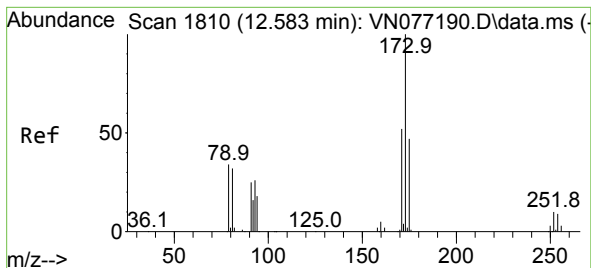
Tgt Ion:106 Resp: 357560
Ion Ratio Lower Upper
106 100
91 219.0 101.8 305.4



#70
Styrene
Concen: 57.248 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.001 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion:104 Resp: 609904
Ion Ratio Lower Upper
104 100
78 51.8 36.6 55.0
103 54.9 43.4 65.0





#71

Bromoform

Concen: 52.367 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

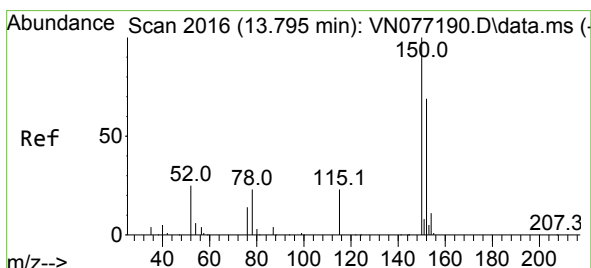
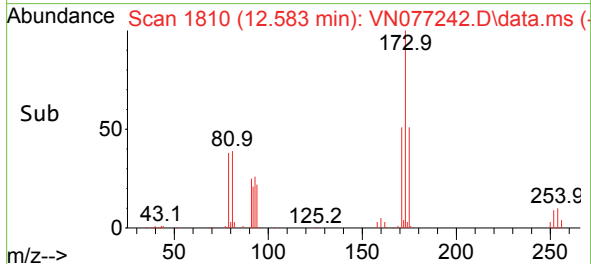
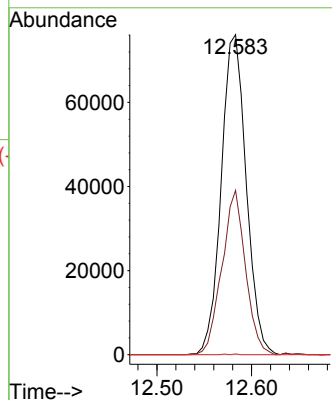
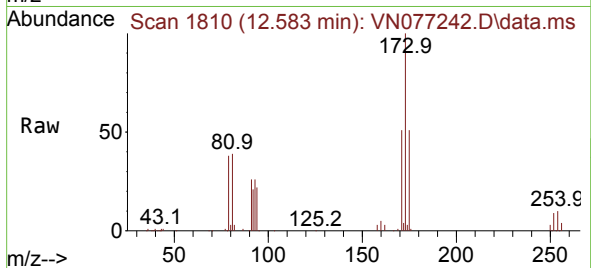
Tgt Ion:173 Resp: 139487

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.6

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

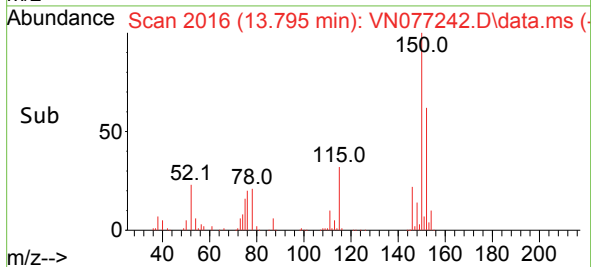
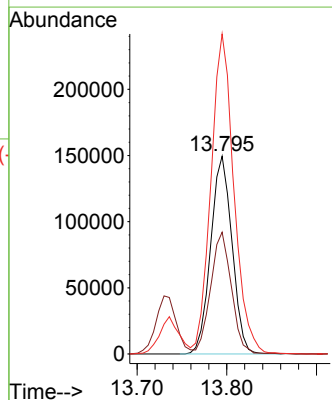
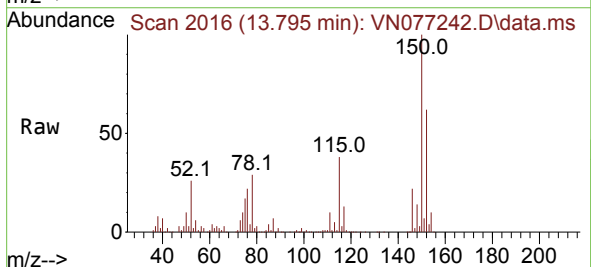
Tgt Ion:152 Resp: 246895

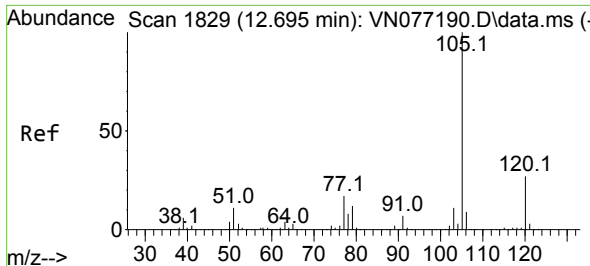
Ion Ratio Lower Upper

152 100

115 59.9 30.3 90.9

150 174.1 0.0 353.6

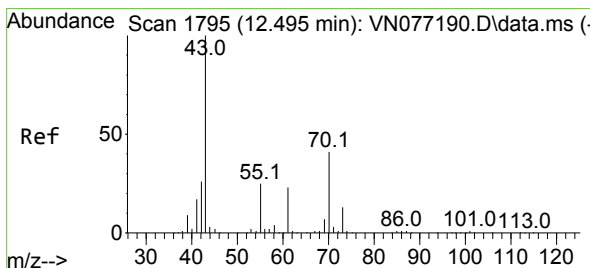
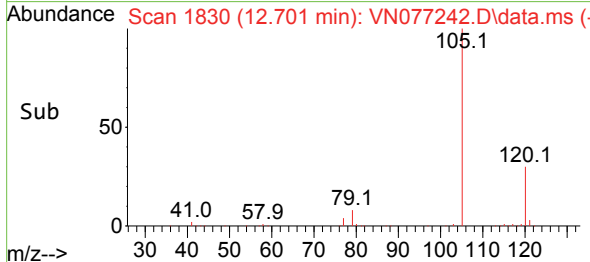
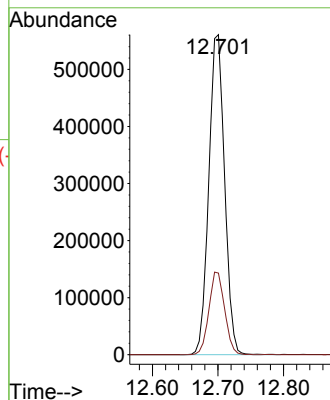
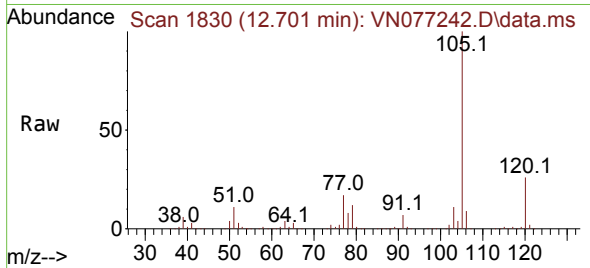




#73
Isopropylbenzene
Concen: 48.404 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

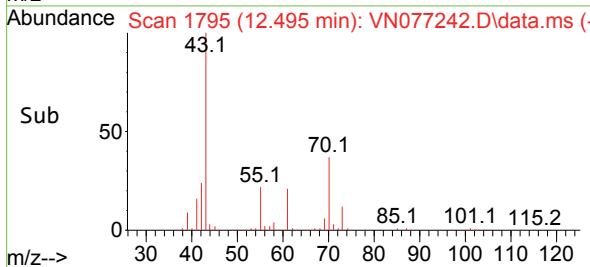
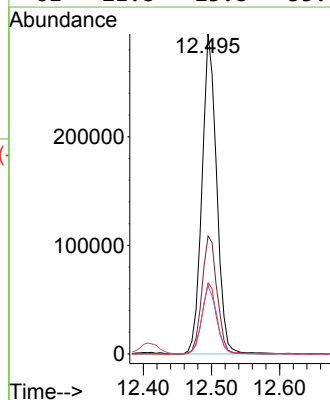
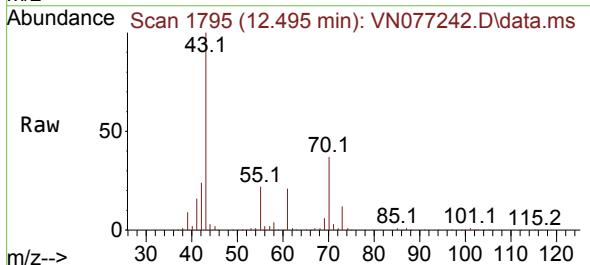
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

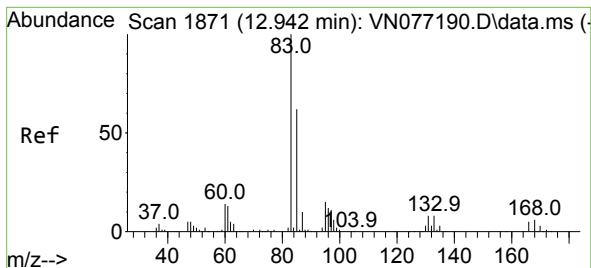
Tgt Ion:105 Resp: 940276
Ion Ratio Lower Upper
105 100
120 25.7 13.8 41.4



#74
N-ethyl acetate
Concen: 52.010 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 43 Resp: 440254
Ion Ratio Lower Upper
43 100
70 38.0 46.8 70.2#
55 22.3 23.4 35.2#
61 21.8 23.8 35.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 43.480 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

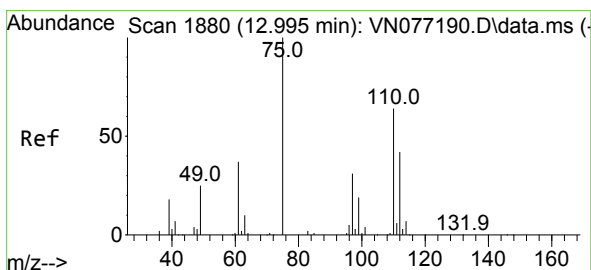
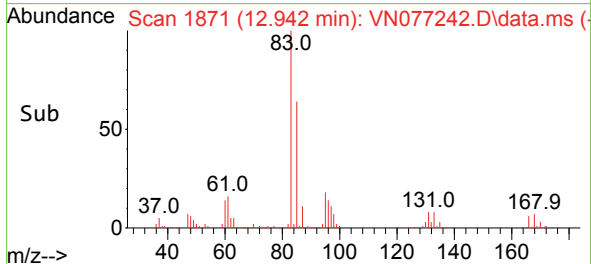
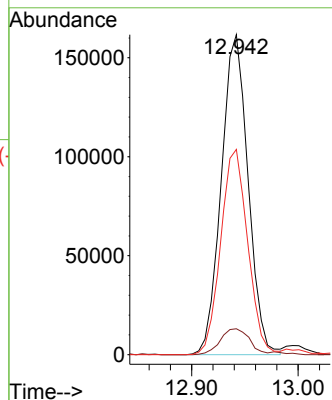
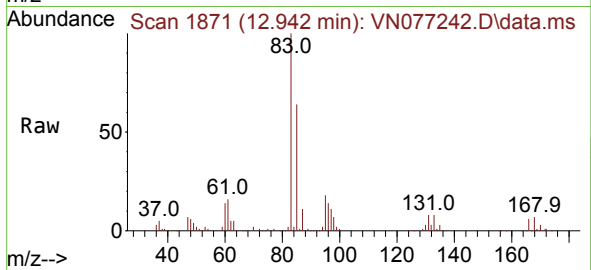
Tgt Ion: 83 Resp: 282125

Ion Ratio Lower Upper

83 100

131 9.3 5.3 16.1

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 73.177 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077242.D

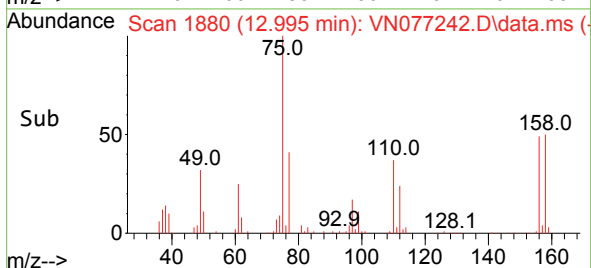
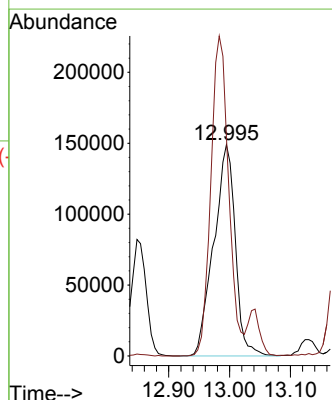
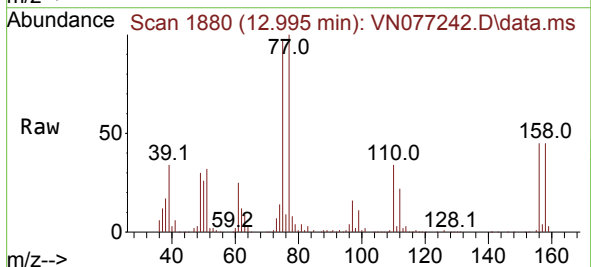
Acq: 28 Mar 2023 17:36

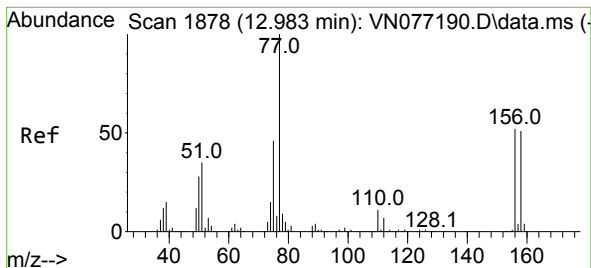
Tgt Ion: 75 Resp: 366505

Ion Ratio Lower Upper

75 100

77 125.4 93.8 281.4





#77

Bromobenzene

Concen: 46.132 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

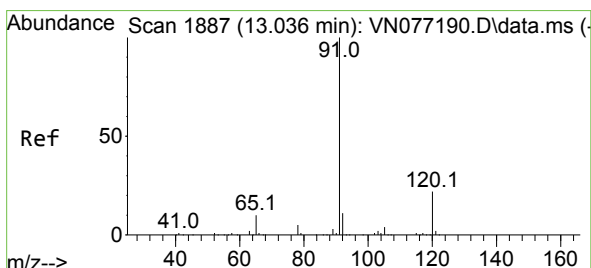
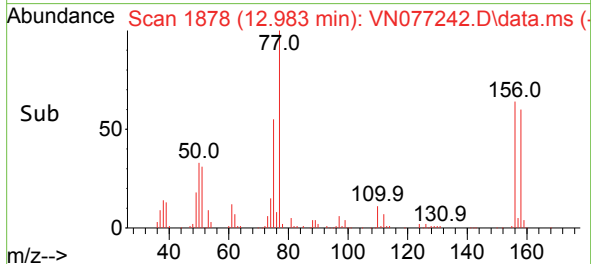
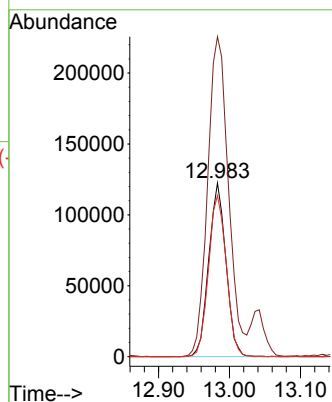
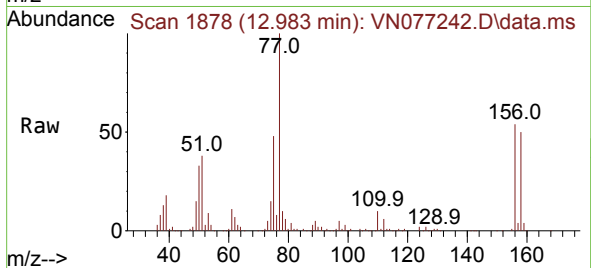
Tgt Ion:156 Resp: 206306

Ion Ratio Lower Upper

156 100

77 222.8 101.3 303.7

158 95.8 48.9 146.7



#78

n-propylbenzene

Concen: 51.394 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077242.D

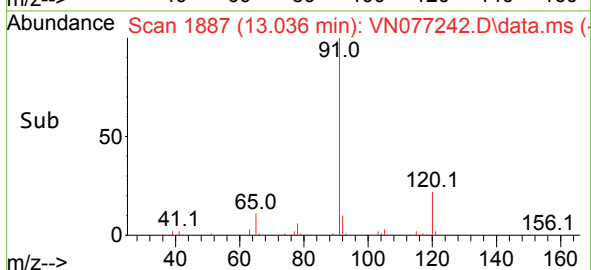
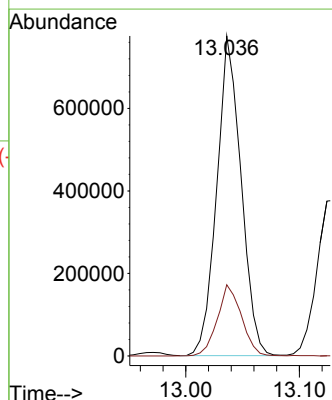
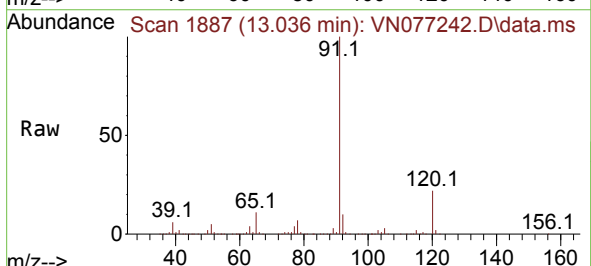
Acq: 28 Mar 2023 17:36

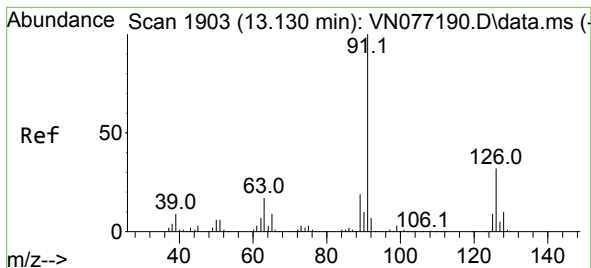
Tgt Ion: 91 Resp: 1151363

Ion Ratio Lower Upper

91 100

120 22.2 11.9 35.7





#79

2-Chlorotoluene

Concen: 47.278 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

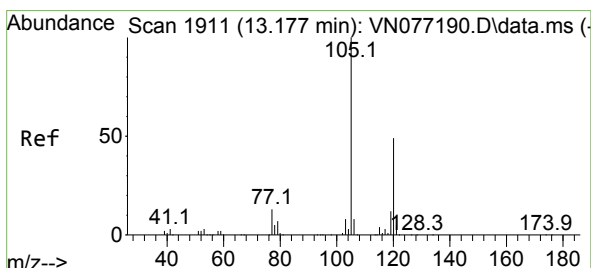
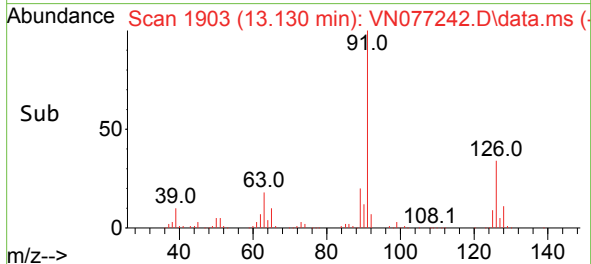
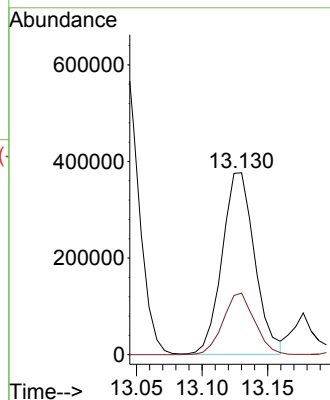
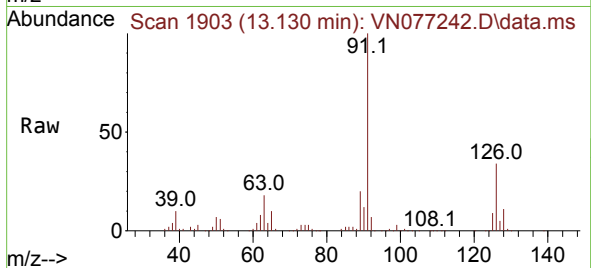
VSTDCCC050EC

Tgt Ion: 91 Resp: 651318

Ion Ratio Lower Upper

91 100

126 32.8 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 54.560 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077242.D

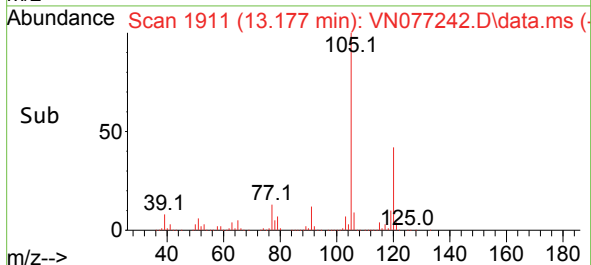
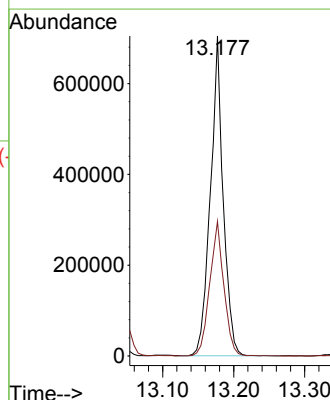
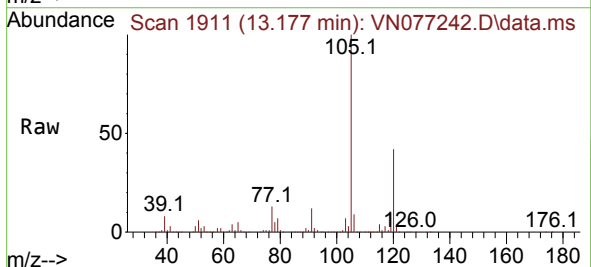
Acq: 28 Mar 2023 17:36

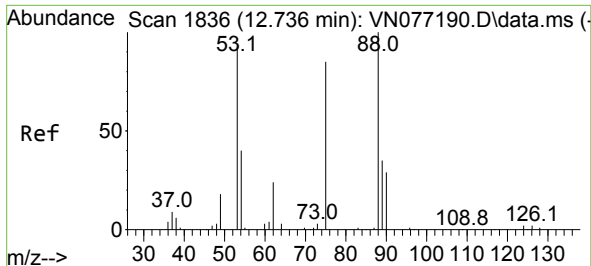
Tgt Ion: 105 Resp: 882611

Ion Ratio Lower Upper

105 100

120 46.6 25.2 75.6

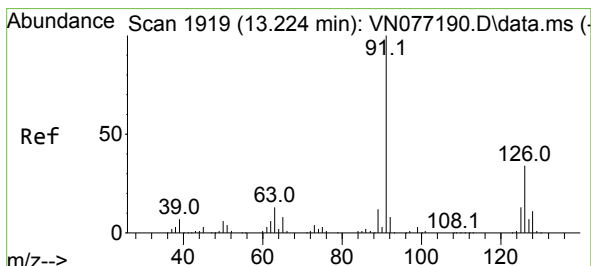
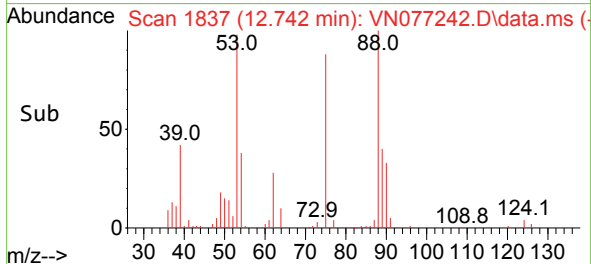
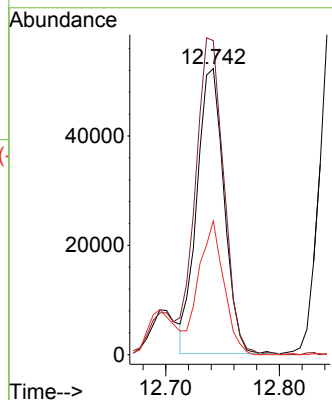
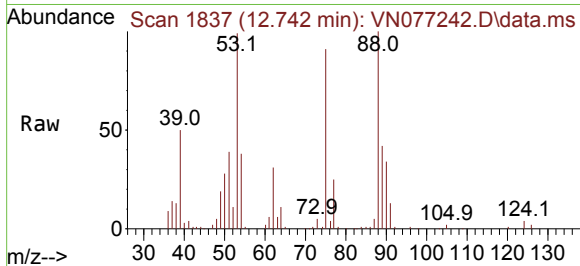




#81
trans-1,4-Dichloro-2-butene
Concen: 49.857 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

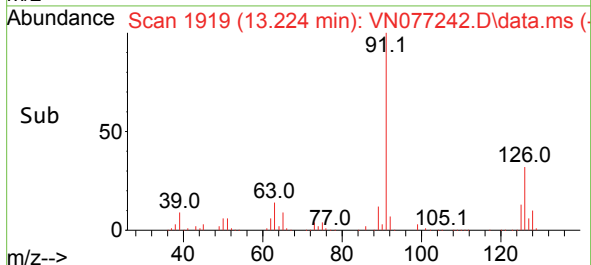
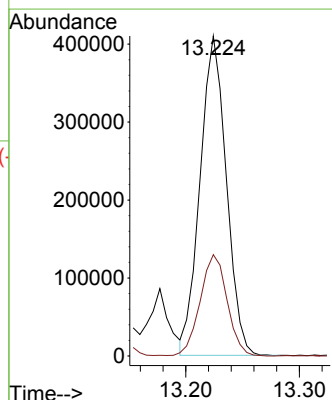
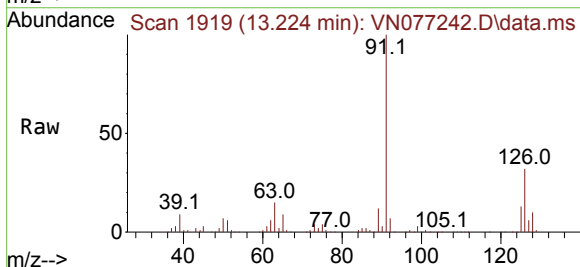
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

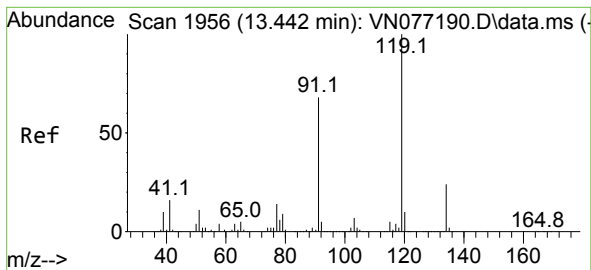
Tgt Ion: 75 Resp: 86639
Ion Ratio Lower Upper
75 100
53 117.3 67.4 101.0#
89 44.4 39.5 59.3



#82
4-Chlorotoluene
Concen: 50.320 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 91 Resp: 658000
Ion Ratio Lower Upper
91 100
126 32.6 18.0 54.0

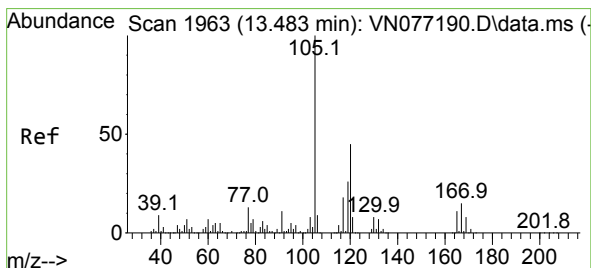
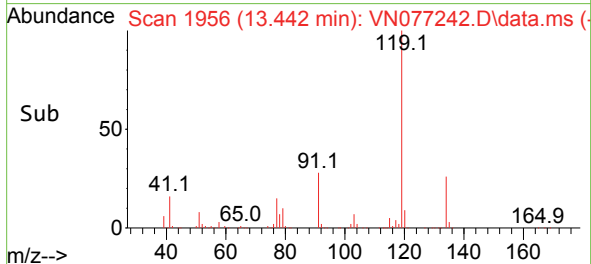
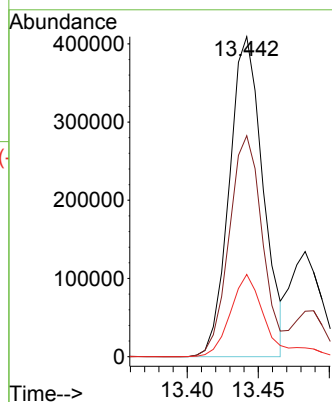
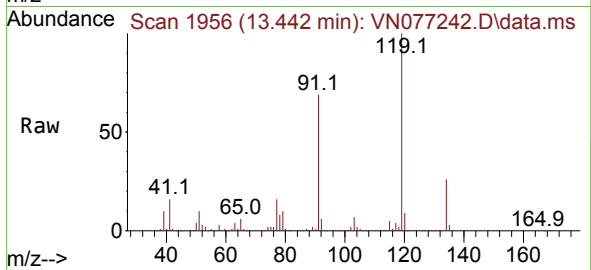




#83
 tert-Butylbenzene
 Concen: 49.334 ug/l
 RT: 13.442 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

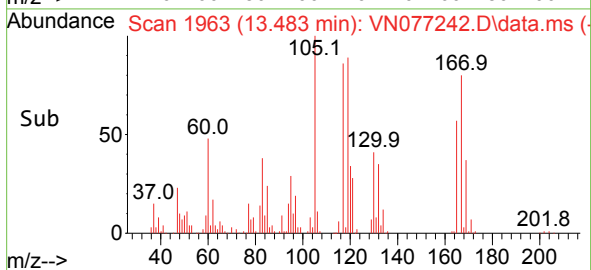
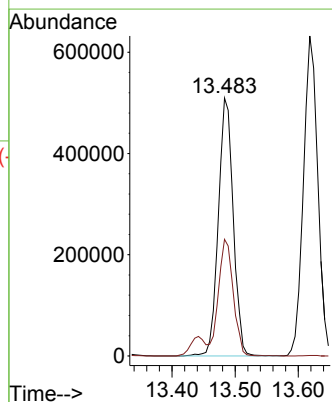
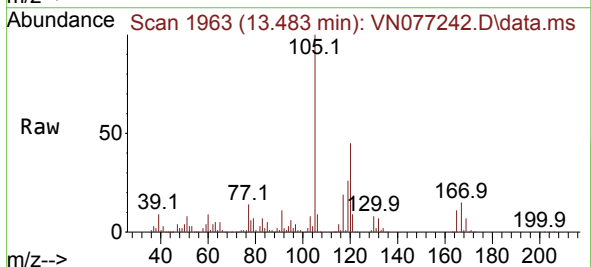
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

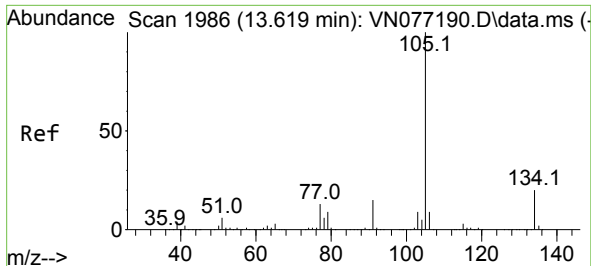
Tgt Ion:119 Resp: 674990
 Ion Ratio Lower Upper
 119 100
 91 69.7 31.9 95.5
 134 27.0 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.590 ug/l
 RT: 13.483 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

Tgt Ion:105 Resp: 836030
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.6 70.8

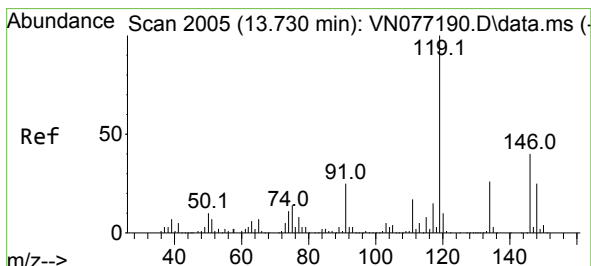
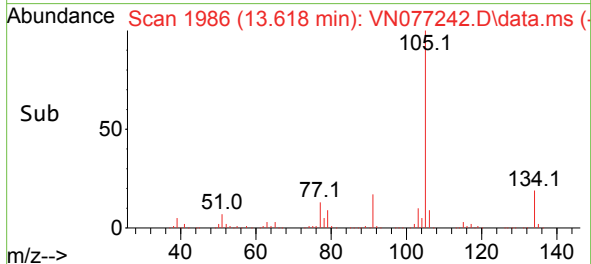
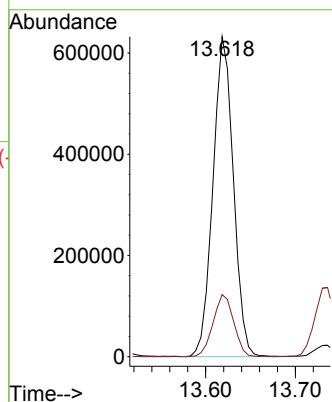
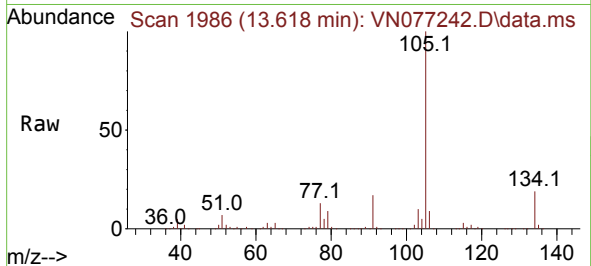




#85
 sec-Butylbenzene
 Concen: 51.236 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

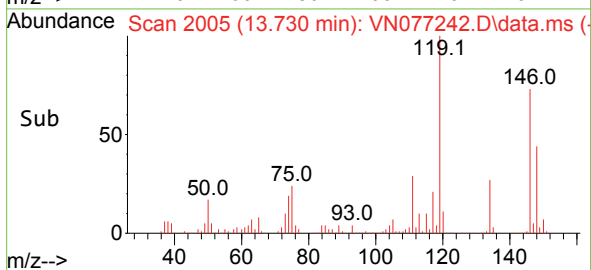
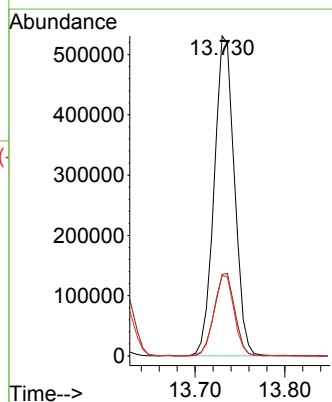
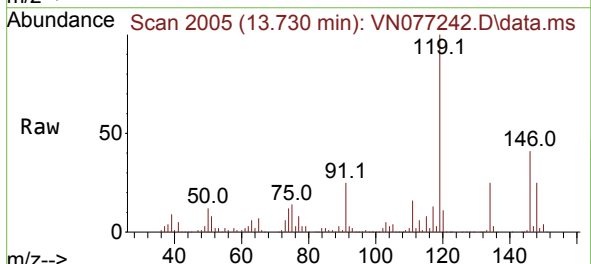
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

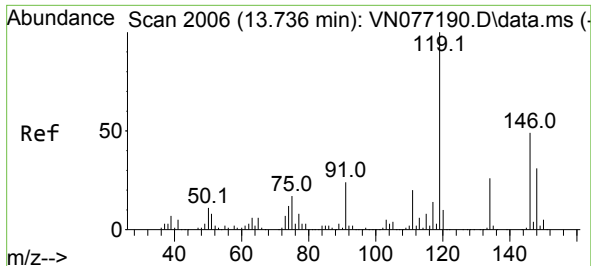
Tgt Ion:105 Resp: 999842
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 53.119 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

Tgt Ion:119 Resp: 830202
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.5
 91 25.1 11.2 33.6

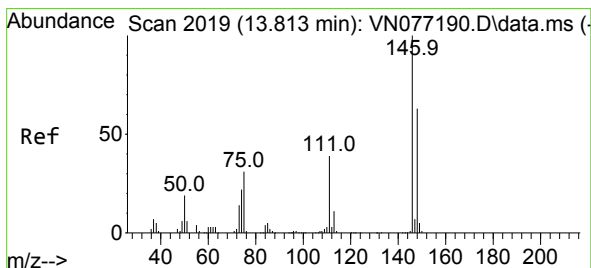
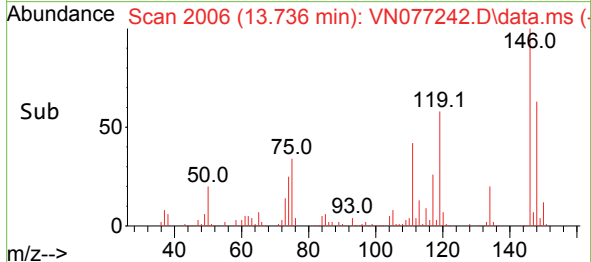
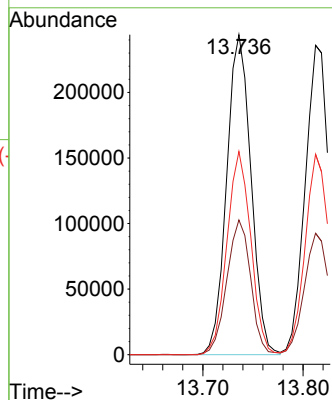
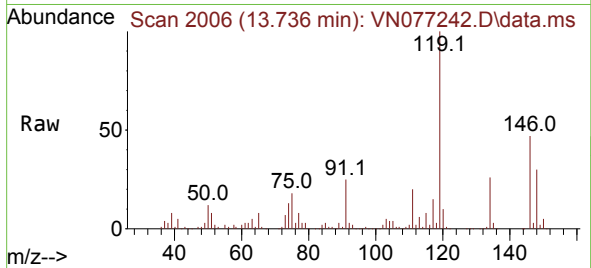




#87
 1,3-Dichlorobenzene
 Concen: 50.953 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

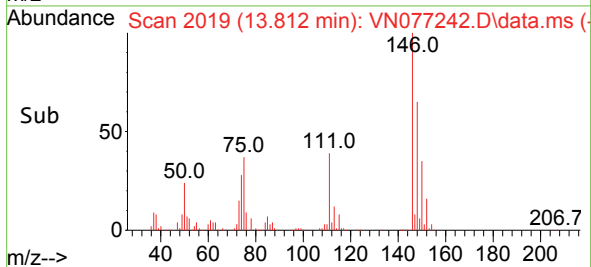
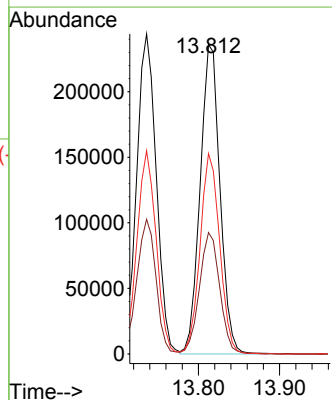
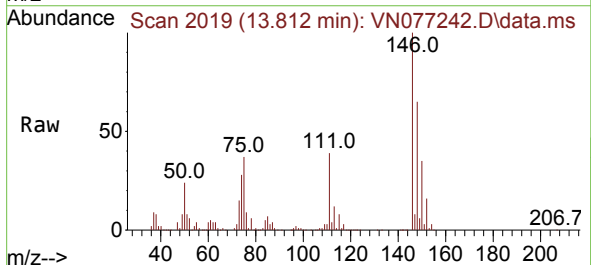
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

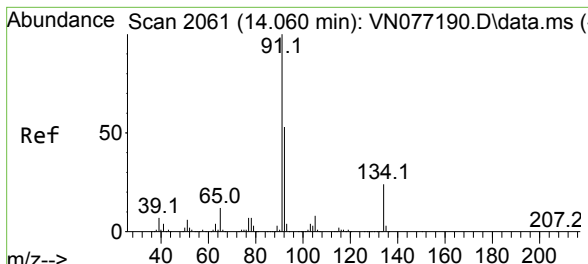
Tgt Ion:146 Resp: 411272
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.2
 148 62.3 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 49.642 ug/l
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

Tgt Ion:146 Resp: 400758
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 64.0 31.8 95.4

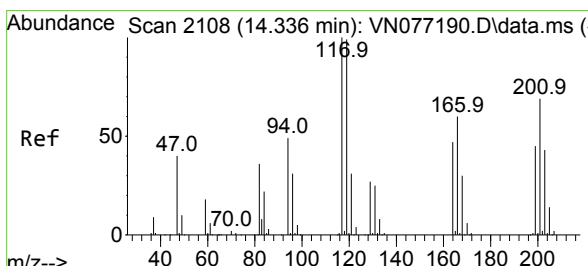
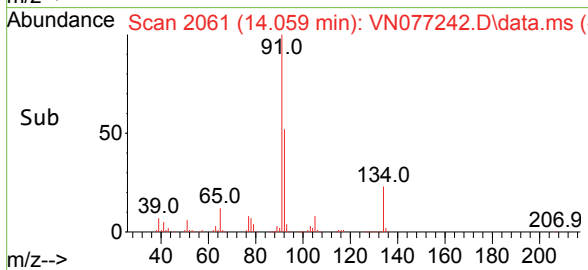
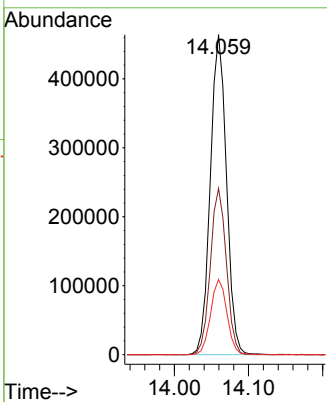
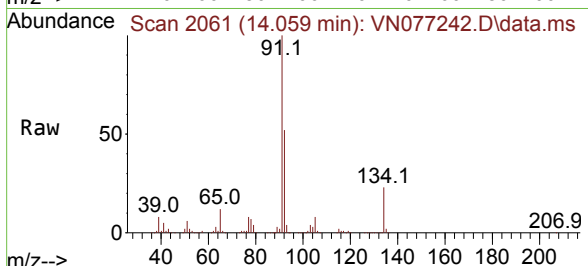




#89
 n-Butylbenzene
 Concen: 54.817 ug/l
 RT: 14.059 min Scan# 2061
 Delta R.T. -0.001 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

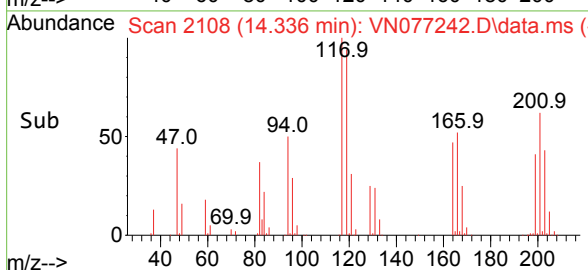
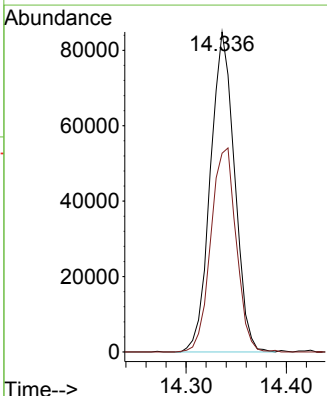
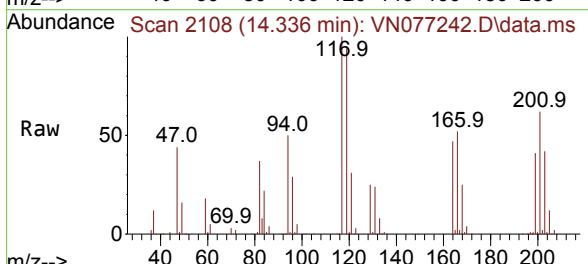
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

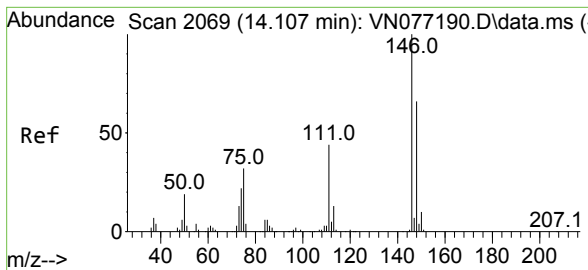
Tgt Ion:	91	Resp:	702381
Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.6	79.7
134	23.7	13.6	40.7



#90
 Hexachloroethane
 Concen: 48.877 ug/l
 RT: 14.336 min Scan# 2108
 Delta R.T. -0.000 min
 Lab File: VN077242.D
 Acq: 28 Mar 2023 17:36

Tgt Ion:	117	Resp:	142354
Ion	Ratio	Lower	Upper
117	100		
201	66.8	31.9	95.7

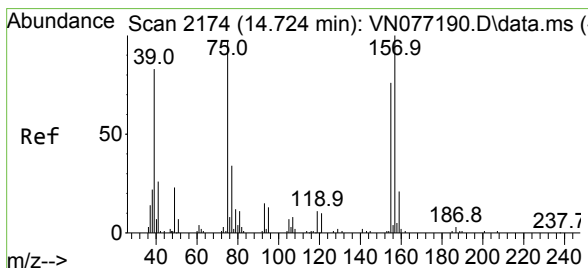
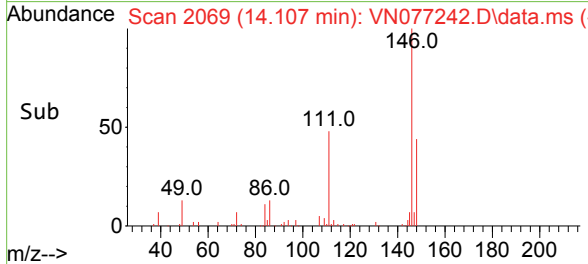
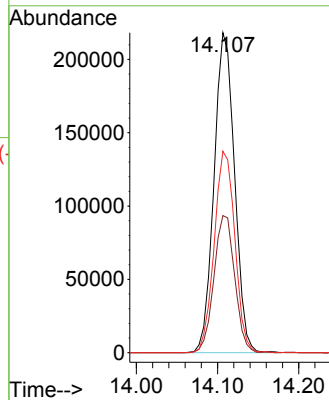
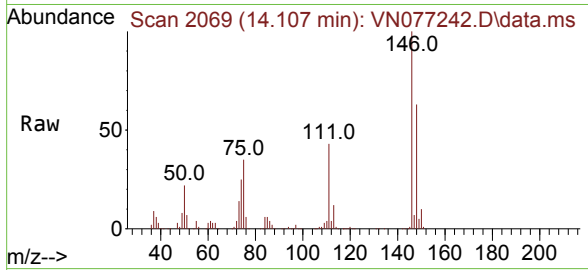




#91
1,2-Dichlorobenzene
Concen: 47.673 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

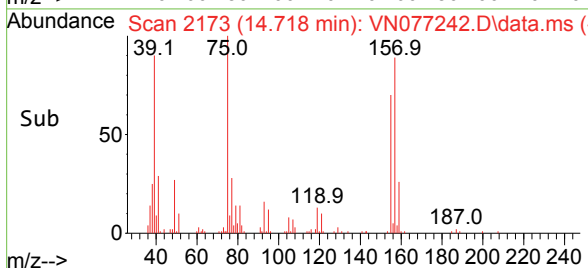
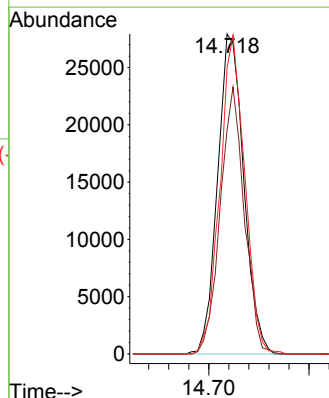
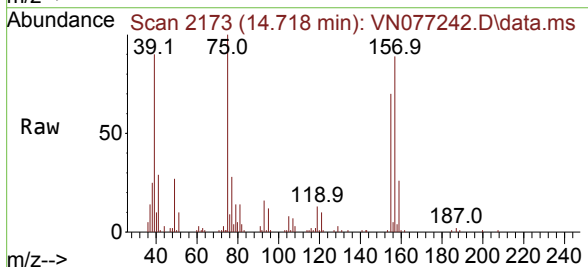
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

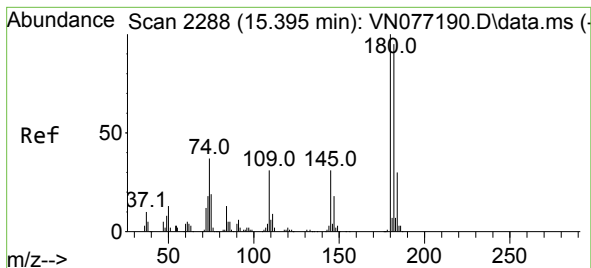
Tgt Ion:146 Resp: 383805
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.2
148 63.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.020 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077242.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 75 Resp: 50542
Ion Ratio Lower Upper
75 100
155 76.9 44.3 132.8
157 94.3 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 97.195 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

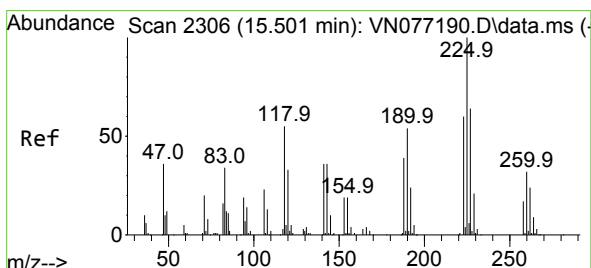
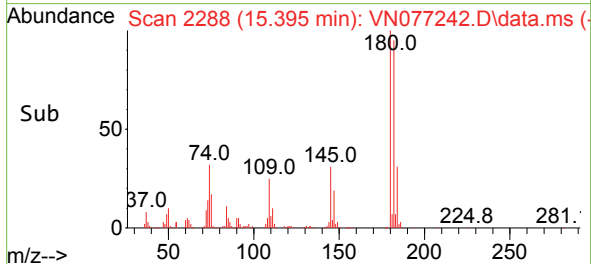
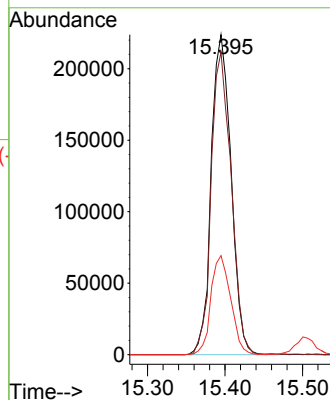
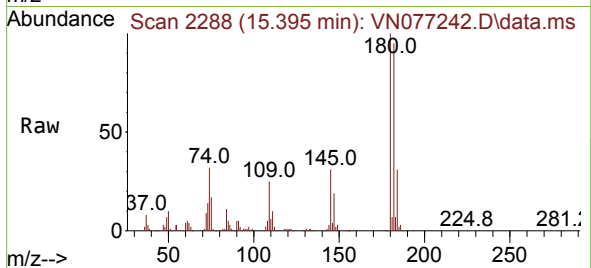
Tgt Ion:180 Resp: 398790

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.2

145 30.8 15.8 47.3



#94

Hexachlorobutadiene

Concen: 110.577 ug/l

RT: 15.506 min Scan# 2307

Delta R.T. 0.005 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

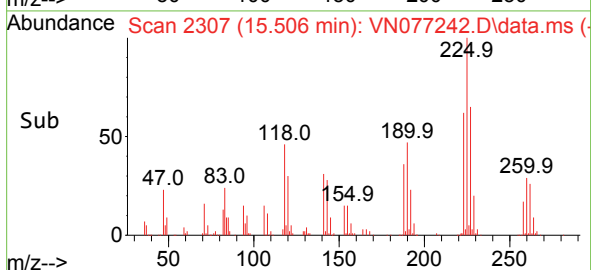
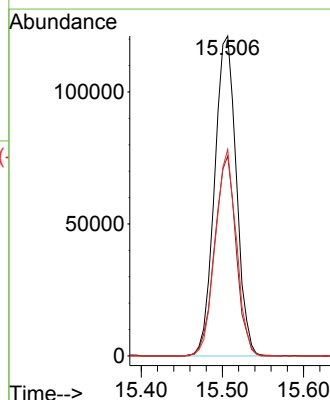
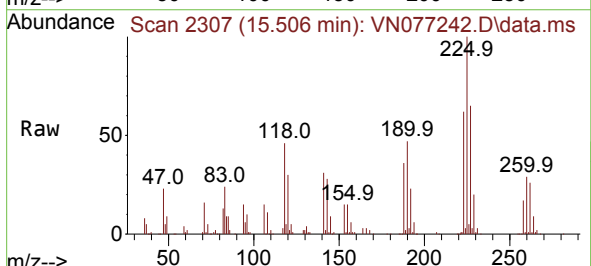
Tgt Ion:225 Resp: 225825

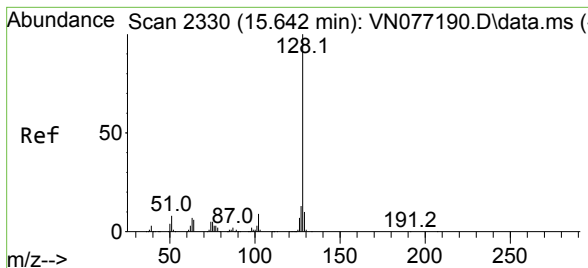
Ion Ratio Lower Upper

225 100

223 61.8 31.4 94.0

227 62.4 30.9 92.7





#95

Naphthalene

Concen: 97.006 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

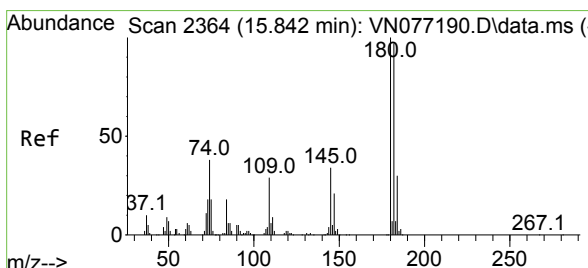
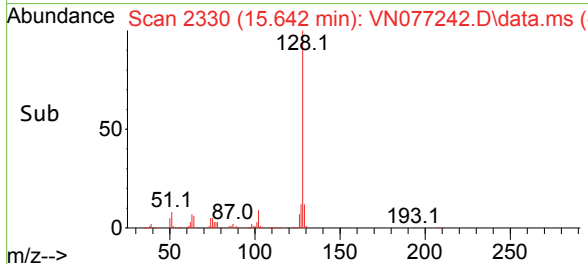
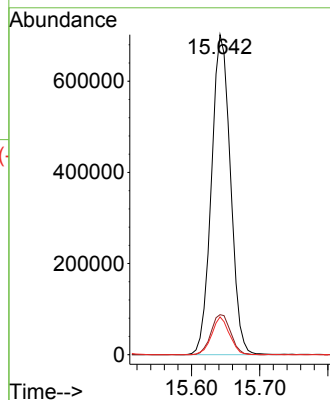
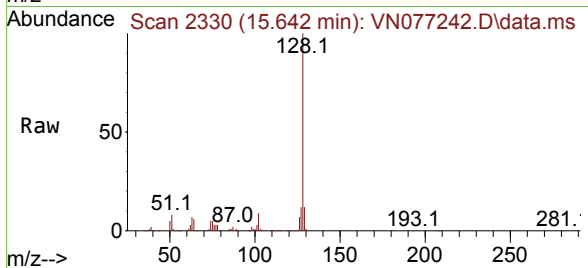
Tgt Ion:128 Resp: 1366778

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 102.927 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077242.D

Acq: 28 Mar 2023 17:36

Tgt Ion:180 Resp: 418380

Ion Ratio Lower Upper

180 100

182 92.5 47.7 143.1

145 31.1 17.0 51.0

