

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077190.D
 Acq On : 24 Mar 2023 22:06
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 25 06:01:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 25 05:52:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	447059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	784167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	717558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	336225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	342778	48.927	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.860%
35) Dibromofluoromethane	8.172	113	259107	48.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	10.572	98	1005295	50.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.848	95	339628	51.299	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	214856	43.290	ug/l	100
3) Chloromethane	2.372	50	306135	46.263	ug/l	100
4) Vinyl Chloride	2.525	62	368784	50.384	ug/l	100
5) Bromomethane	2.943	94	286241	49.405	ug/l	100
6) Chloroethane	3.125	64	306591	53.939	ug/l	100
7) Trichlorofluoromethane	3.507	101	504925	49.301	ug/l	100
8) Diethyl Ether	3.972	74	165615	48.082	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	233733	46.999	ug/l	100
10) Methyl Iodide	4.602	142	283662	51.238	ug/l	100
11) Tert butyl alcohol	5.537	59	216351	223.395	ug/l	100
12) 1,1-Dichloroethene	4.349	96	228588	49.373	ug/l	100
13) Acrolein	4.190	56	301279	225.487	ug/l	100
14) Allyl chloride	5.037	41	444860	49.317	ug/l	100
15) Acrylonitrile	5.731	53	695608	231.507	ug/l	100
16) Acetone	4.437	43	616493	230.629	ug/l	100
17) Carbon Disulfide	4.725	76	653407	49.312	ug/l	100
18) Methyl Acetate	5.037	43	494559	46.613	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	821219	49.423	ug/l	100
20) Methylene Chloride	5.284	84	274416	44.880	ug/l	100
21) trans-1,2-Dichloroethene	5.801	96	250933	48.758	ug/l	100
22) Diisopropyl ether	6.684	45	943773	51.123	ug/l	100
23) Vinyl Acetate	6.613	43	3082335	227.842	ug/l	100
24) 1,1-Dichloroethane	6.578	63	515282	48.175	ug/l	100
25) 2-Butanone	7.490	43	982212	242.614	ug/l	100
26) 2,2-Dichloropropane	7.501	77	357163	49.207	ug/l	100
27) cis-1,2-Dichloroethene	7.490	96	295269	49.387	ug/l	100
28) Bromochloromethane	7.819	49	250827	46.556	ug/l	100
29) Tetrahydrofuran	7.842	42	655786	248.389	ug/l	100
30) Chloroform	7.972	83	502809	47.630	ug/l	100
31) Cyclohexane	8.260	56	457198	46.706	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	439411	48.544	ug/l	100
36) 1,1-Dichloropropene	8.378	75	375785	50.113	ug/l	100
37) Ethyl Acetate	7.566	43	392355	47.200	ug/l	100
38) Carbon Tetrachloride	8.372	117	377841	49.037	ug/l	100
39) Methylcyclohexane	9.601	83	446670	52.420	ug/l	100
40) Benzene	8.613	78	1126739	48.947	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	224413	49.166	ug/l	100
42) 1,2-Dichloroethane	8.672	62	416280	47.760	ug/l	100
43) Isopropyl Acetate	8.695	43	649643	48.872	ug/l	100
44) Trichloroethene	9.354	130	265244	49.330	ug/l	100
45) 1,2-Dichloropropane	9.625	63	299952	49.131	ug/l	100
46) Dibromomethane	9.713	93	192761	49.435	ug/l	100
47) Bromodichloromethane	9.889	83	390561	48.560	ug/l	100
48) Methyl methacrylate	9.684	41	319172	49.663	ug/l	100
49) 1,4-Dioxane	9.695	88	101439	962.814	ug/l	100
51) 4-Methyl-2-Pentanone	10.448	43	2027228	249.079	ug/l	100
52) Toluene	10.631	92	703308	50.989	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	416959	52.415	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	446213	51.163	ug/l	100
55) 1,1,2-Trichloroethane	11.019	97	268438	50.338	ug/l	100
56) Ethyl methacrylate	10.878	69	413488	45.690	ug/l	100
57) 1,3-Dichloropropane	11.166	76	475753	49.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	798648	227.696	ug/l	100
59) 2-Hexanone	11.195	43	1473687	255.495	ug/l	100
60) Dibromochloromethane	11.360	129	284114	50.972	ug/l	100
61) 1,2-Dibromoethane	11.472	107	267548	49.472	ug/l	100
64) Tetrachloroethene	11.107	164	222159	49.321	ug/l	100
65) Chlorobenzene	11.895	112	715717	48.079	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	261030	48.724	ug/l	100
67) Ethyl Benzene	11.966	91	1356474	52.237	ug/l	100
68) m/p-Xylenes	12.072	106	1027428	107.362	ug/l	100
69) o-Xylene	12.401	106	506307	53.666	ug/l	100
70) Styrene	12.413	104	827336	47.529	ug/l	100
71) Bromoform	12.583	173	198860	51.047	ug/l #	100
73) Isopropylbenzene	12.695	105	1305090	50.048	ug/l	100
74) N-amyl acetate	12.495	43	558077	48.978	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.942	83	402700	48.480	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	502489	61.607	ug/l	62
77) Bromobenzene	12.983	156	294819	47.187	ug/l	100
78) n-propylbenzene	13.036	91	1555075	52.606	ug/l	100
79) 2-Chlorotoluene	13.130	91	922100	49.382	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1126548	53.480	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	120410	49.785	ug/l	100
82) 4-Chlorotoluene	13.224	91	889207	49.303	ug/l	100
83) tert-Butylbenzene	13.442	119	964504	51.863	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1115555	54.041	ug/l	100
85) sec-Butylbenzene	13.619	105	1371259	53.620	ug/l	100
86) p-Isopropyltoluene	13.730	119	1119658	47.637	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	543972	47.408	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	551525	47.087	ug/l	100
89) n-Butylbenzene	14.060	91	946685	47.041	ug/l	100
90) Hexachloroethane	14.336	117	201639	49.339	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	540376	47.286	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	71925	44.632	ug/l	100
93) 1,2,4-Trichlorobenzene	15.395	180	256023	45.841	ug/l	100
94) Hexachlorobutadiene	15.501	225	138318	48.795	ug/l	100
95) Naphthalene	15.642	128	845542	45.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	249213	45.731	ug/l	100

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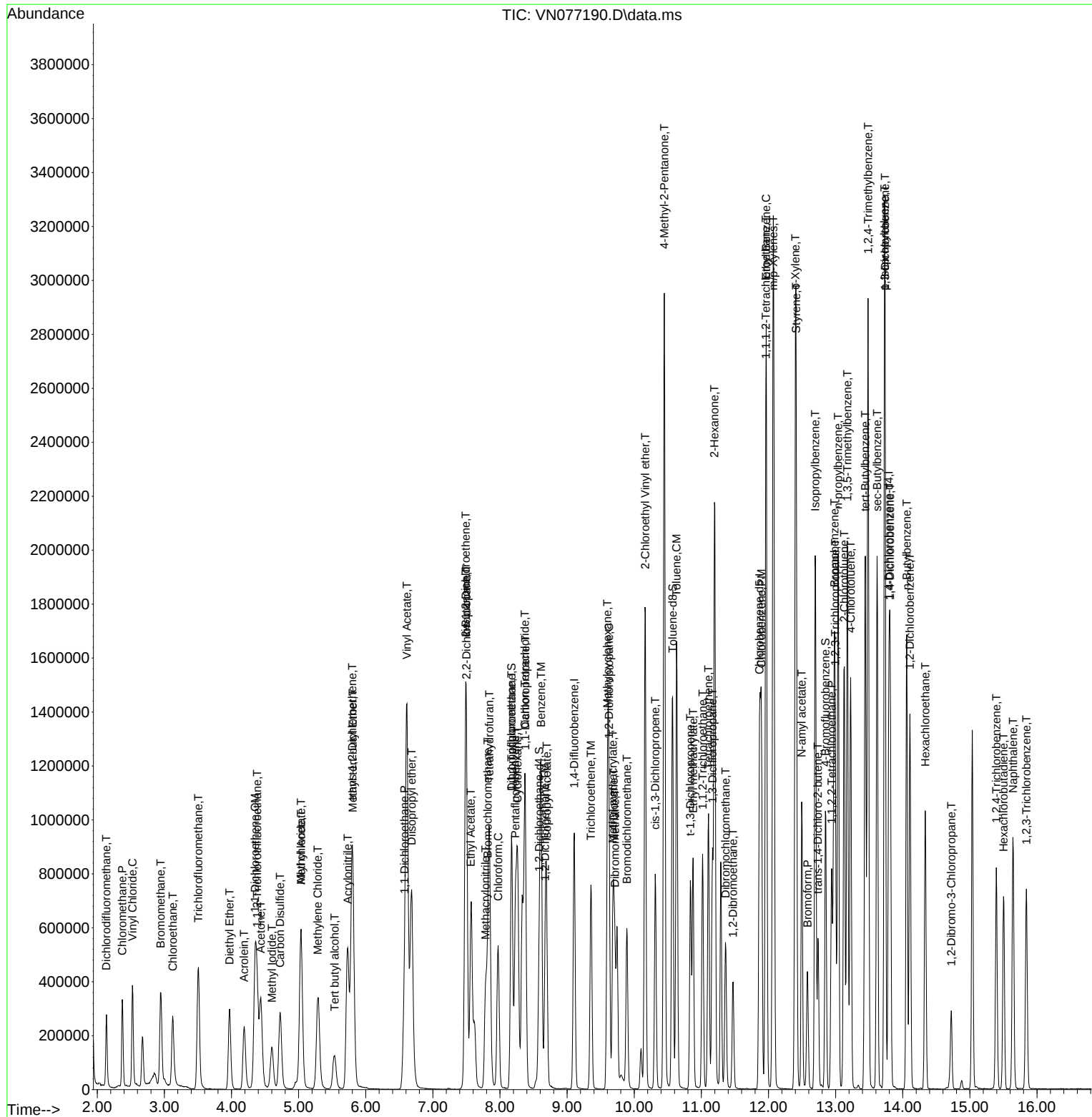
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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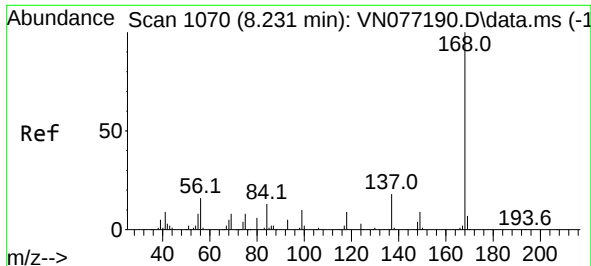
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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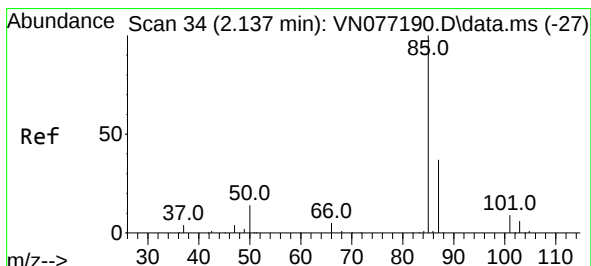
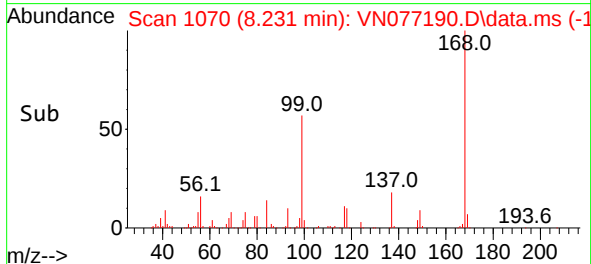
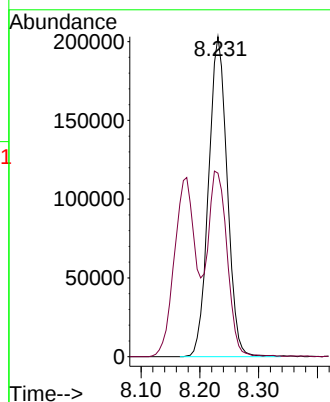
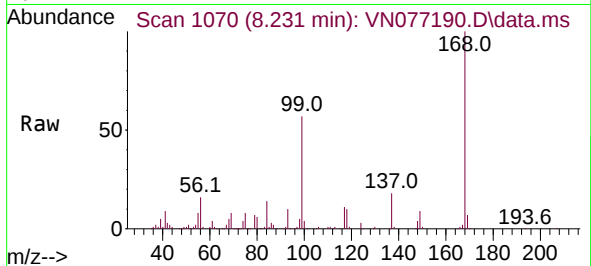




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077190.D
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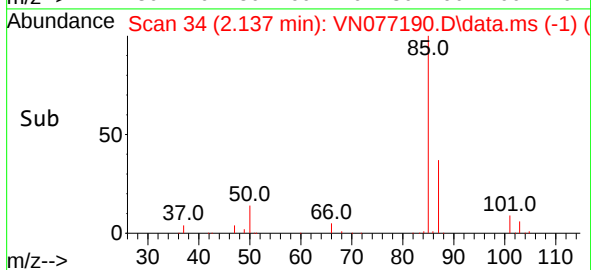
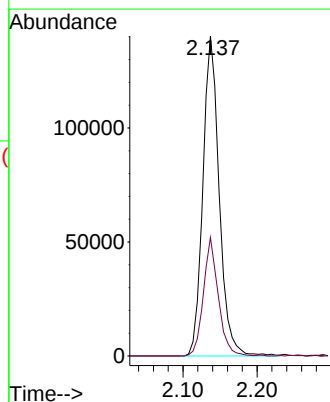
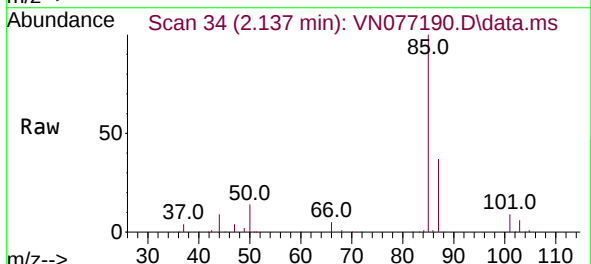
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

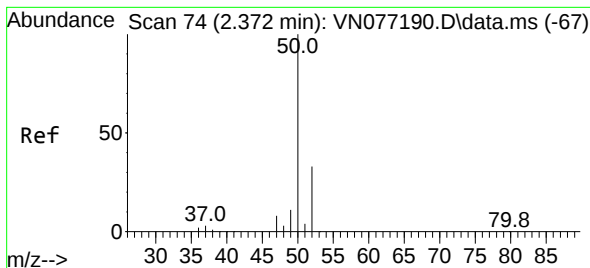
Tgt Ion:168 Resp: 447059
Ion Ratio Lower Upper
168 100
99 57.1 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 43.290 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 85 Resp: 214856
Ion Ratio Lower Upper
85 100
87 37.0 18.5 55.5





#3

Chloromethane

Concen: 46.263 ug/l

RT: 2.372 min Scan# 74

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

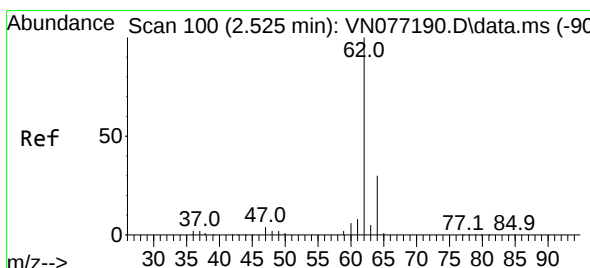
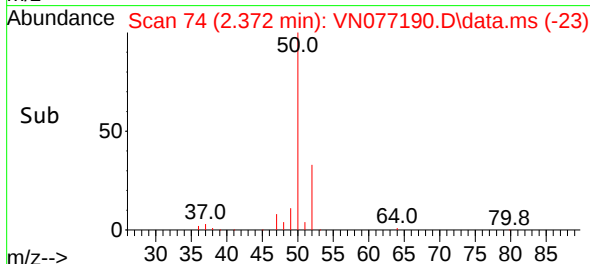
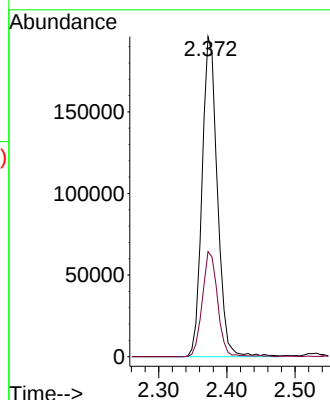
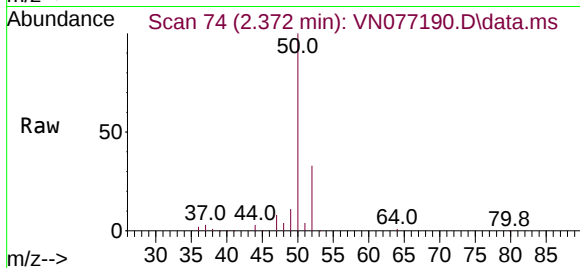
VSTDICCC050

Tgt Ion: 50 Resp: 306135

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



#4

Vinyl Chloride

Concen: 50.384 ug/l

RT: 2.525 min Scan# 100

Delta R.T. 0.000 min

Lab File: VN077190.D

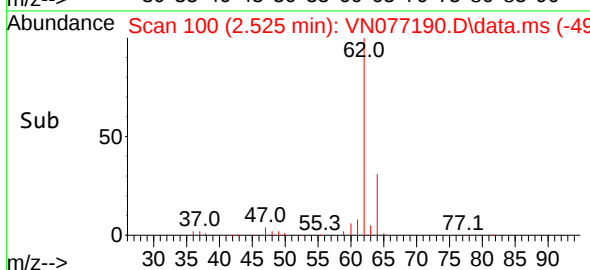
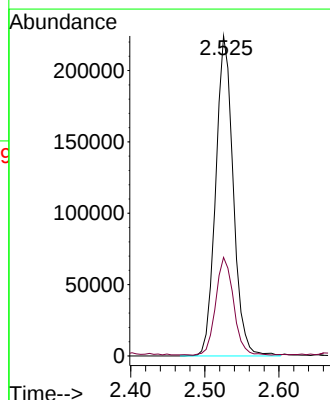
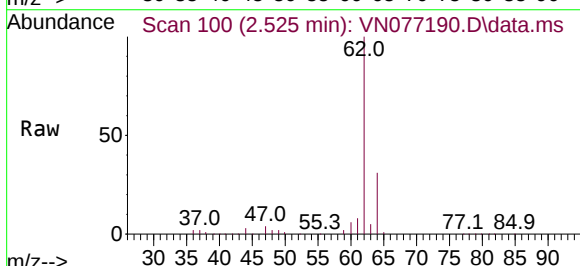
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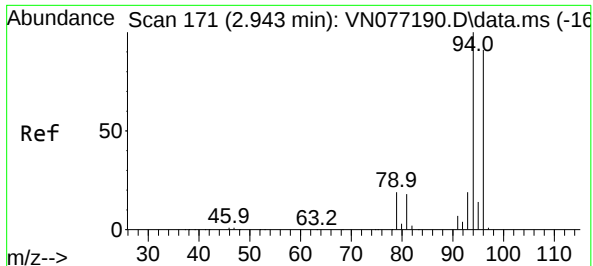
Tgt Ion: 62 Resp: 368784

Ion Ratio Lower Upper

62 100

64 30.5 24.4 36.6

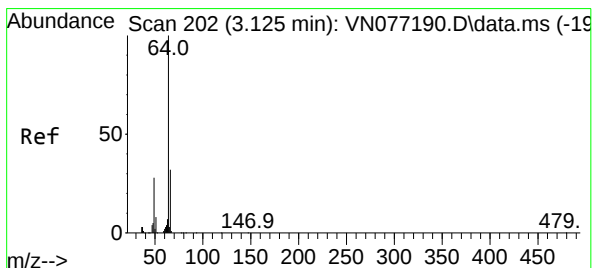
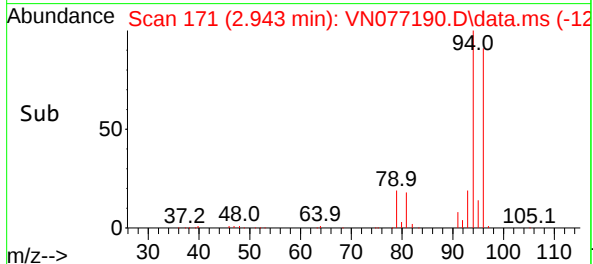
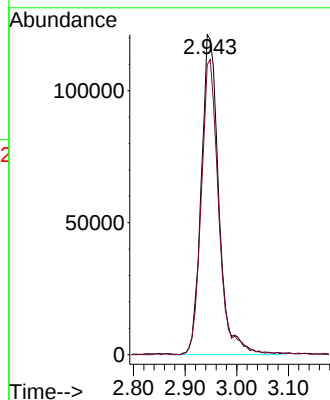
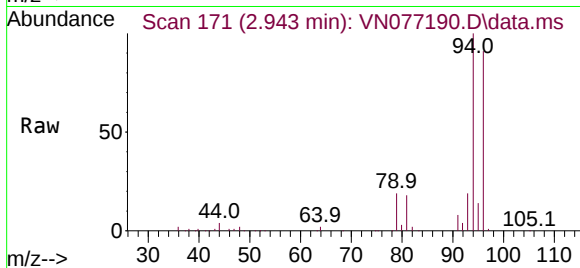




#5
Bromomethane
Concen: 49.405 ug/l
RT: 2.943 min Scan# 171
Delta R.T. -0.000 min
Lab File: VN077190.D
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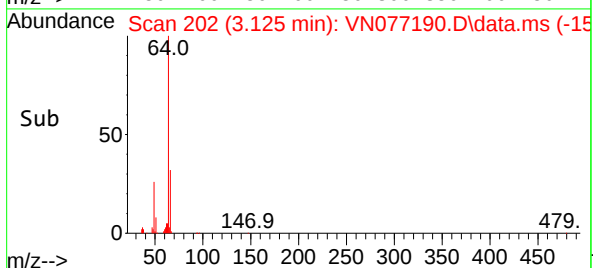
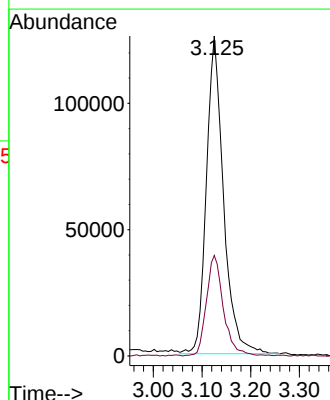
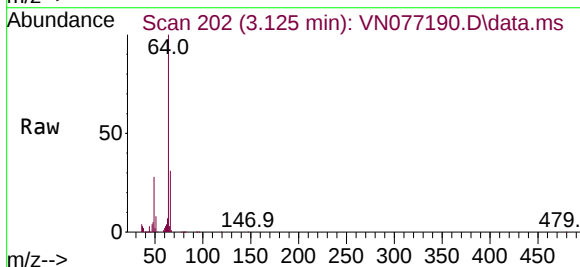
Instrument :
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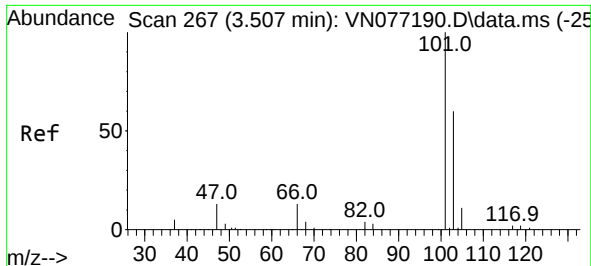
Tgt Ion: 94 Resp: 286241
Ion Ratio Lower Upper
94 100
96 90.6 72.5 108.7



#6
Chloroethane
Concen: 53.939 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 64 Resp: 306591
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7

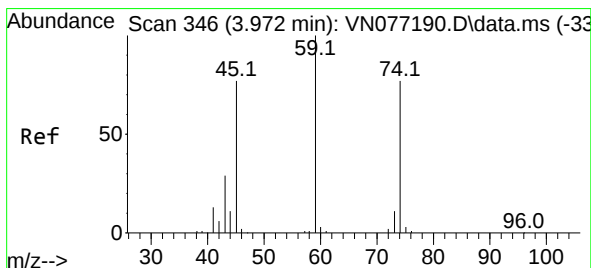
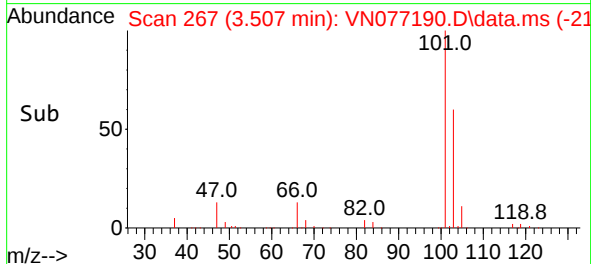
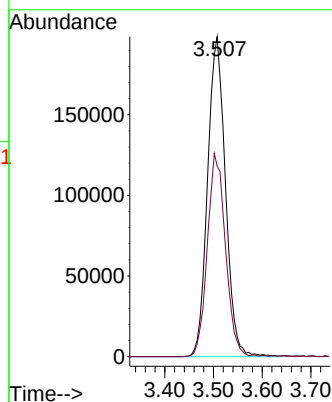
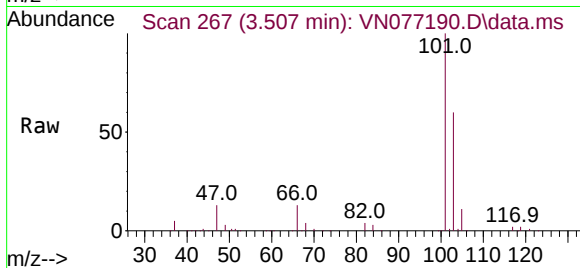




#7
 Trichlorofluoromethane
 Concen: 49.301 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN077190.D
 Acq: 24 Mar 2023 22:06

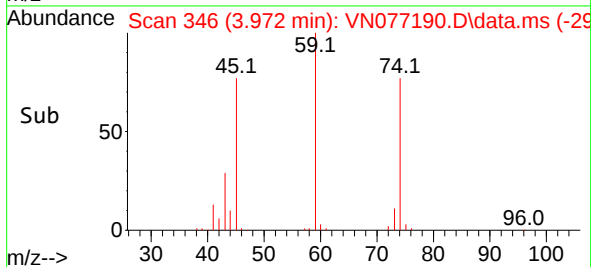
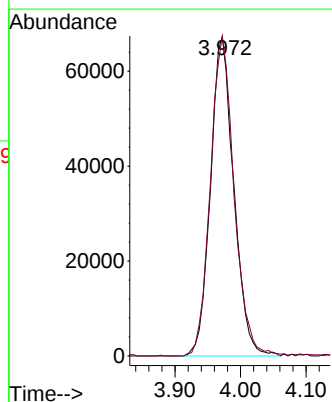
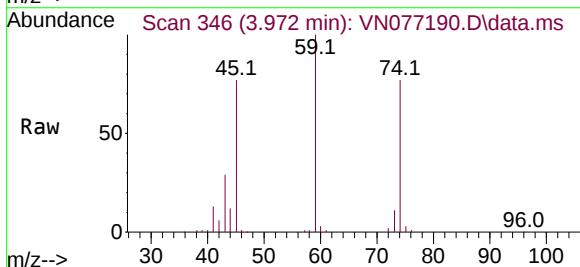
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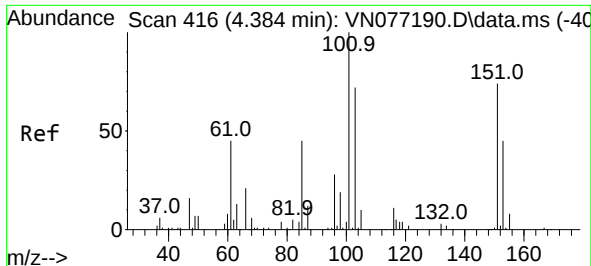
Tgt Ion:101 Resp: 504925
 Ion Ratio Lower Upper
 101 100
 103 59.5 47.6 71.4



#8
 Diethyl Ether
 Concen: 48.082 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 165615
 Ion Ratio Lower Upper
 74 100
 45 102.3 51.1 153.4

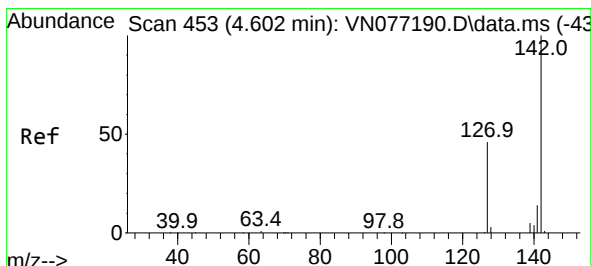
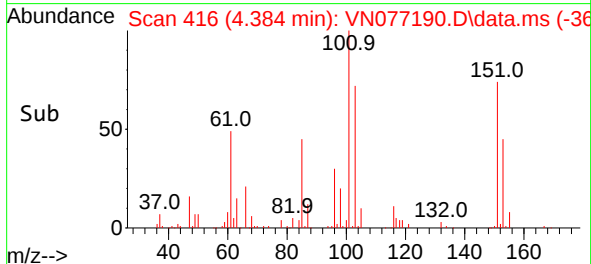
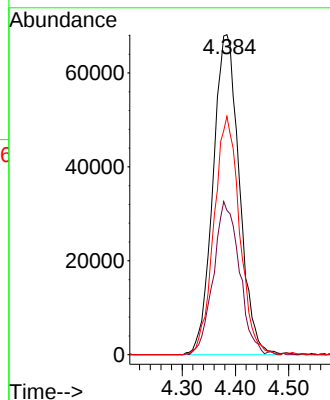
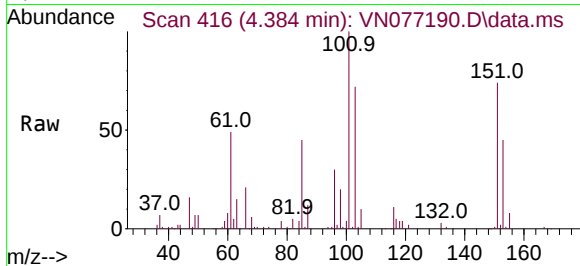




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.999 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

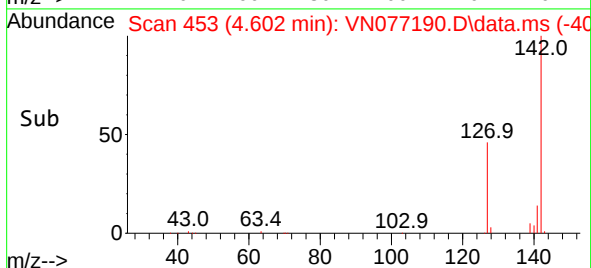
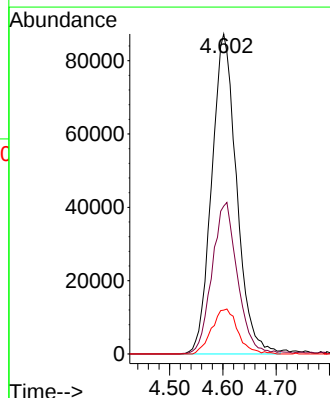
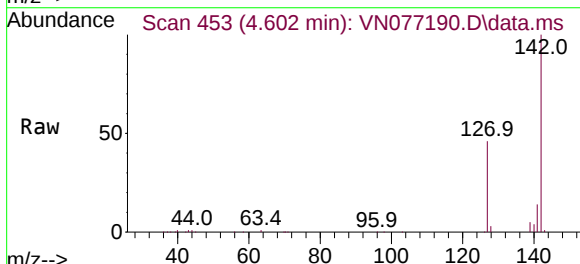
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

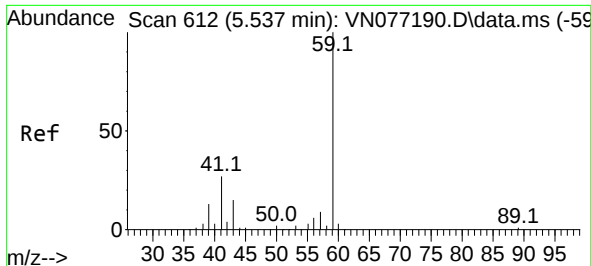
Tgt Ion:101 Resp: 233733
Ion Ratio Lower Upper
101 100
85 47.4 37.9 56.9
151 72.6 58.1 87.1



#10
Methyl Iodide
Concen: 51.238 ug/l
RT: 4.602 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion:142 Resp: 283662
Ion Ratio Lower Upper
142 100
127 46.2 37.0 55.4
141 13.7 11.0 16.4





#11

Tert butyl alcohol

Concen: 223.395 ug/l

RT: 5.537 min Scan# 612

Delta R.T. -0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

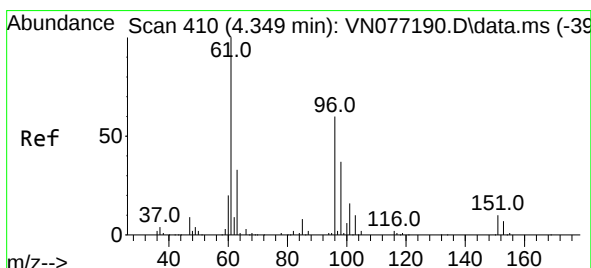
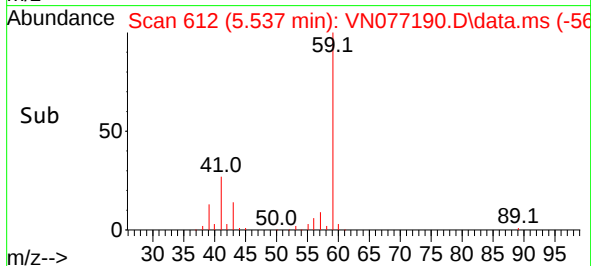
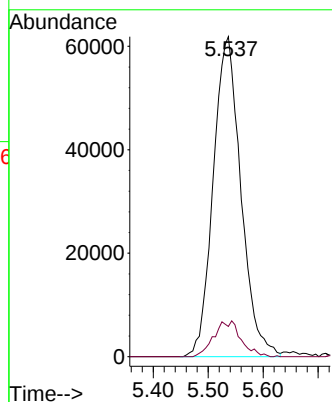
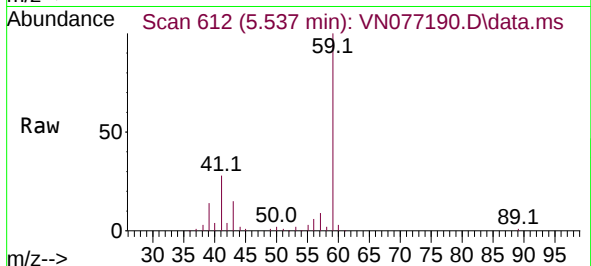
VSTDICCC050

Tgt Ion: 59 Resp: 216351

Ion Ratio Lower Upper

59 100

57 11.0 8.8 13.2



#12

1,1-Dichloroethene

Concen: 49.373 ug/l

RT: 4.349 min Scan# 410

Delta R.T. -0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

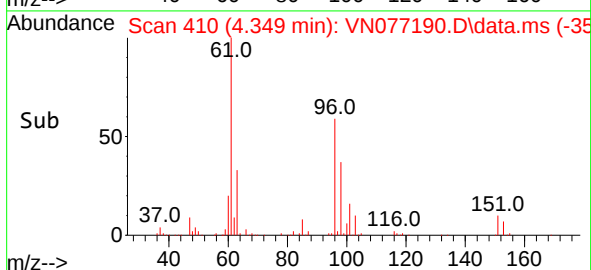
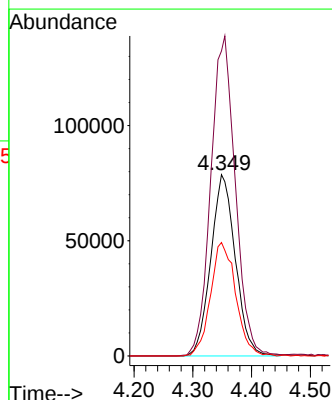
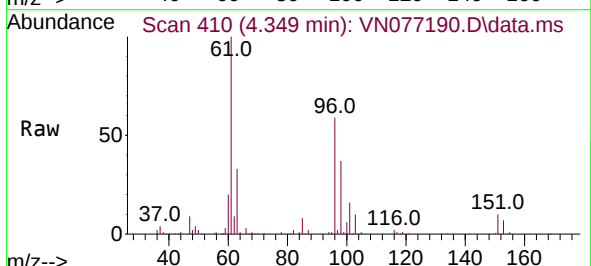
Tgt Ion: 96 Resp: 228588

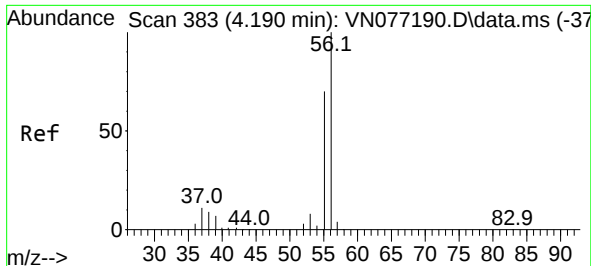
Ion Ratio Lower Upper

96 100

61 168.0 134.4 201.6

98 62.6 50.1 75.1

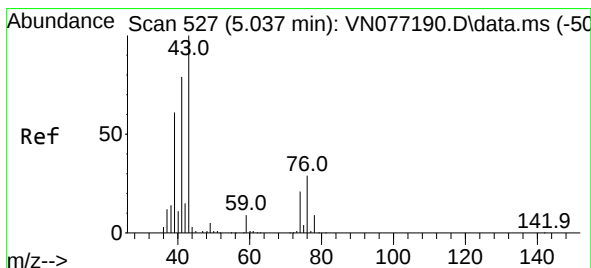
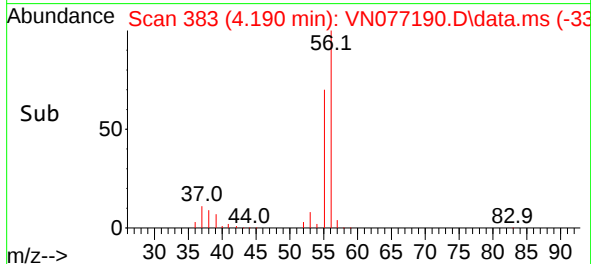
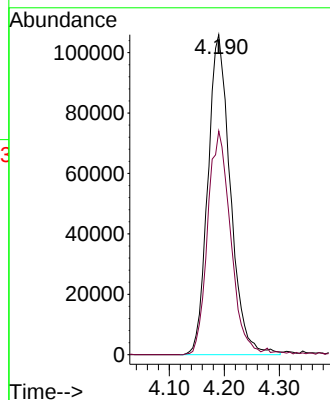
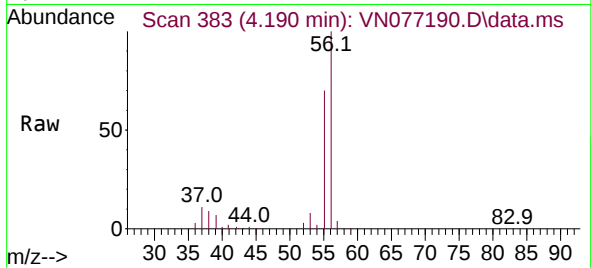




#13
Acrolein
Concen: 225.487 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

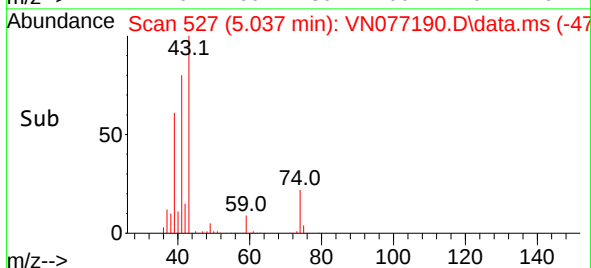
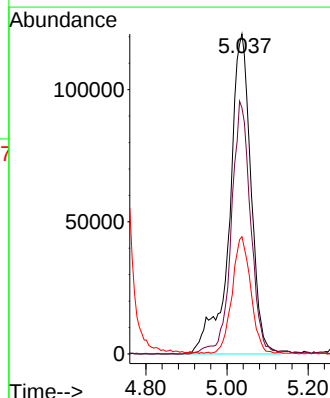
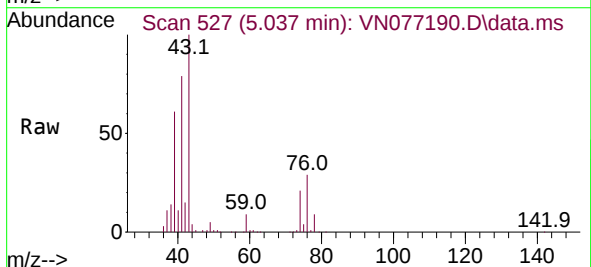
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

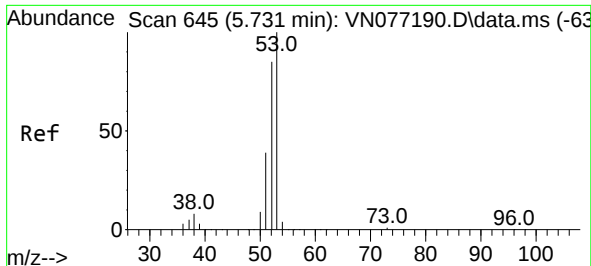
Tgt Ion: 56 Resp: 301279
Ion Ratio Lower Upper
56 100
55 71.0 56.8 85.2



#14
Allyl chloride
Concen: 49.317 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 41 Resp: 444860
Ion Ratio Lower Upper
41 100
39 71.0 56.8 85.2
76 31.3 25.0 37.6

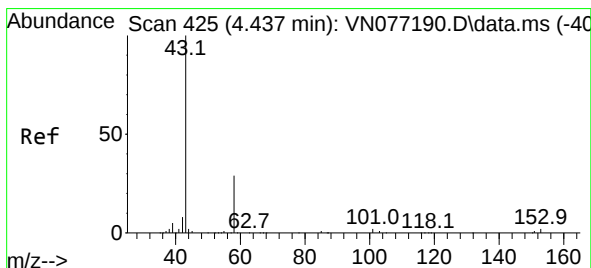
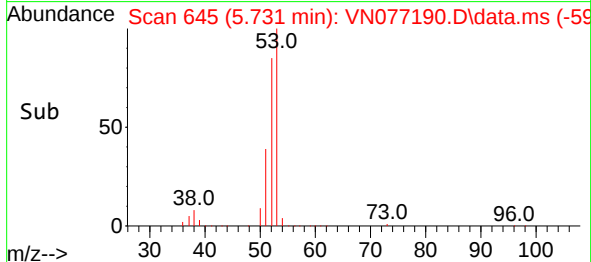
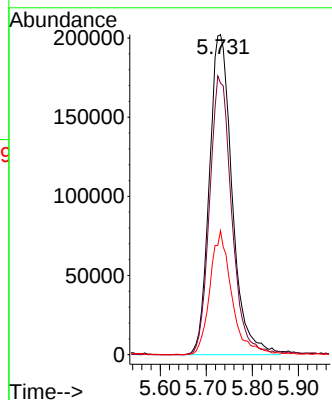
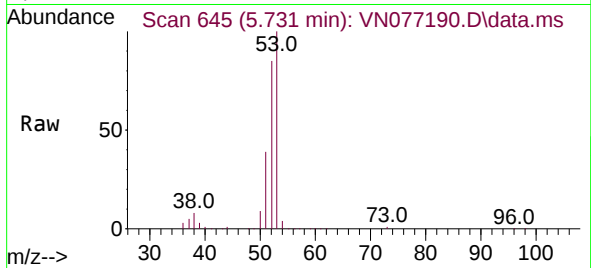




#15
Acrylonitrile
Concen: 231.507 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

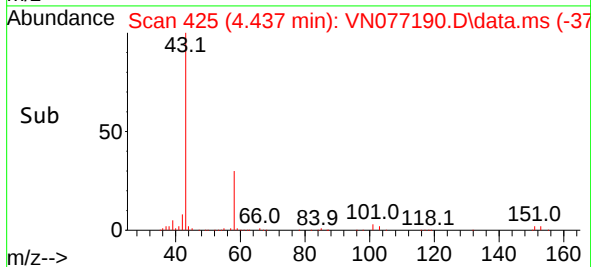
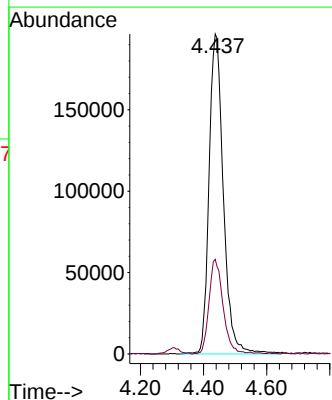
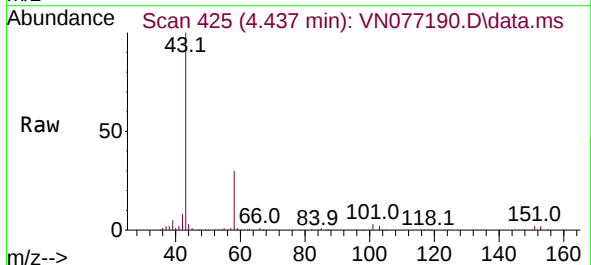
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

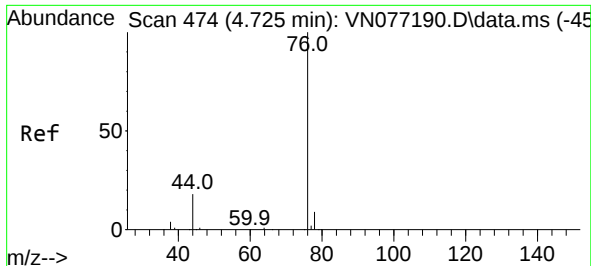
Tgt Ion: 53 Resp: 695608
Ion Ratio Lower Upper
53 100
52 84.5 67.6 101.4
51 37.2 29.8 44.6



#16
Acetone
Concen: 230.629 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 43 Resp: 616493
Ion Ratio Lower Upper
43 100
58 29.6 23.7 35.5





#17

Carbon Disulfide

Concen: 49.312 ug/l

RT: 4.725 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

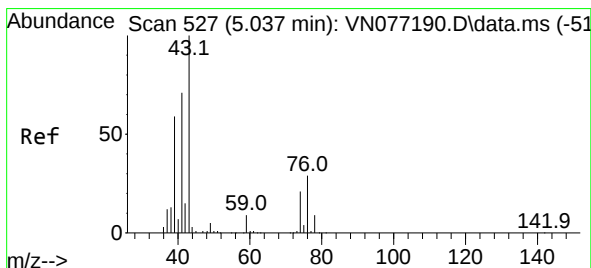
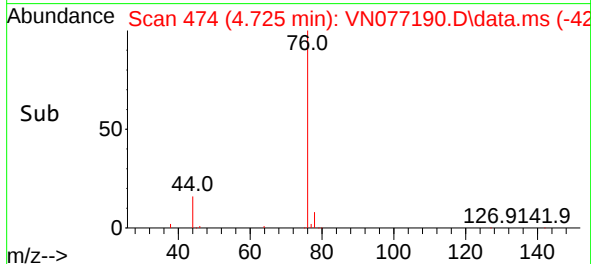
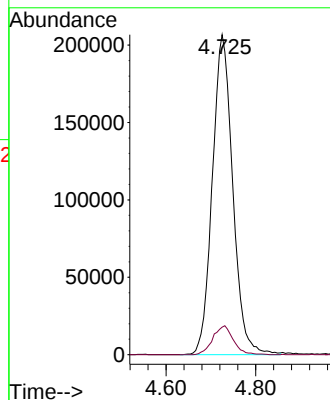
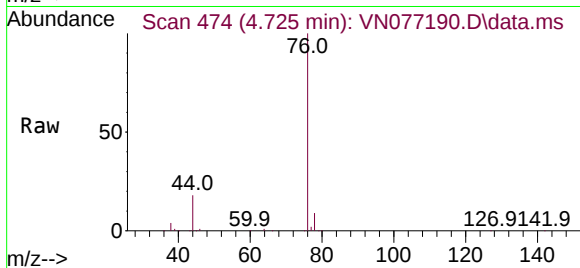
VSTDICCC050

Tgt Ion: 76 Resp: 653407

Ion Ratio Lower Upper

76 100

78 8.6 6.9 10.3



#18

Methyl Acetate

Concen: 46.613 ug/l

RT: 5.037 min Scan# 527

Delta R.T. 0.000 min

Lab File: VN077190.D

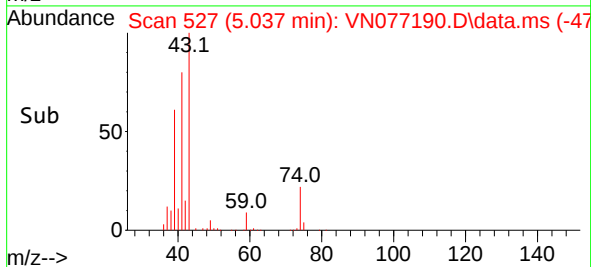
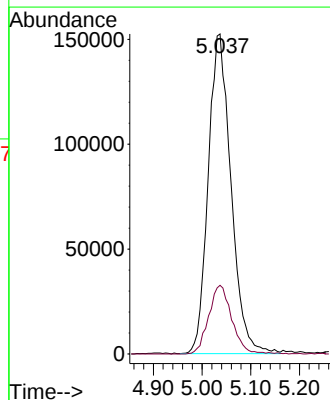
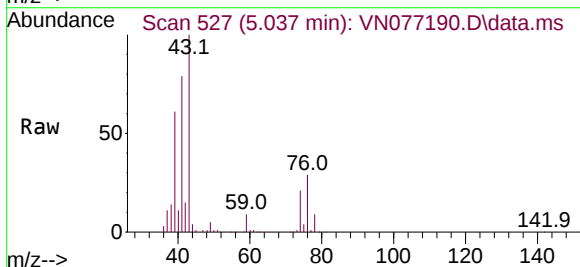
Acq: 24 Mar 2023 22:06

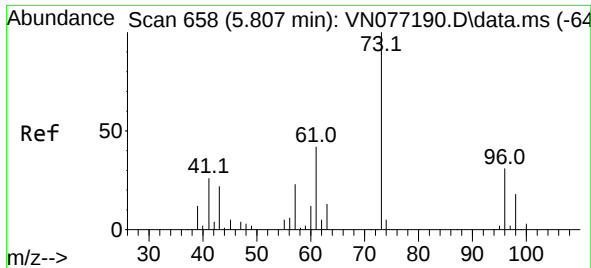
Tgt Ion: 43 Resp: 494559

Ion Ratio Lower Upper

43 100

74 21.9 17.5 26.3

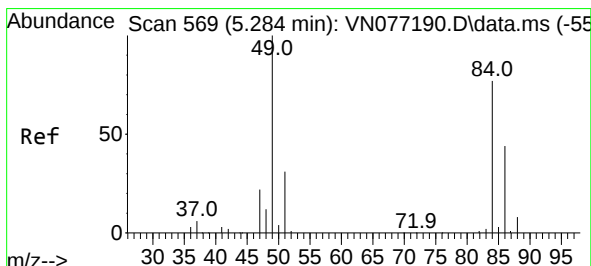
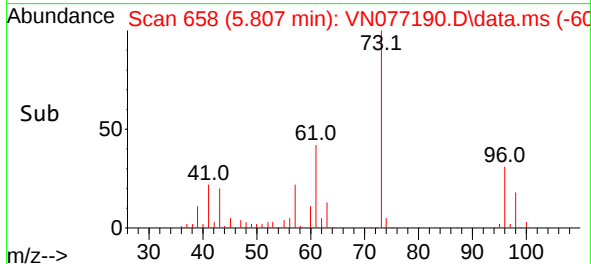
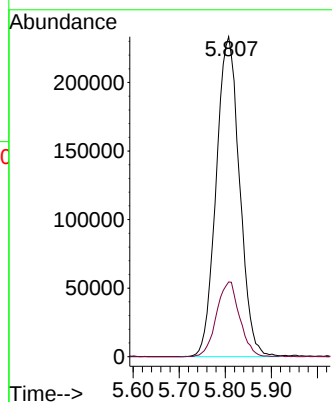
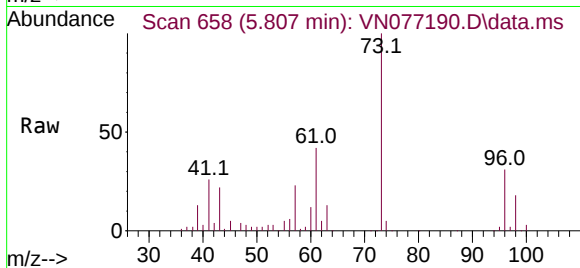




#19
Methyl tert-butyl Ether
Concen: 49.423 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

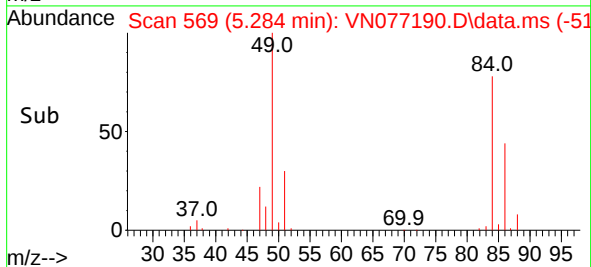
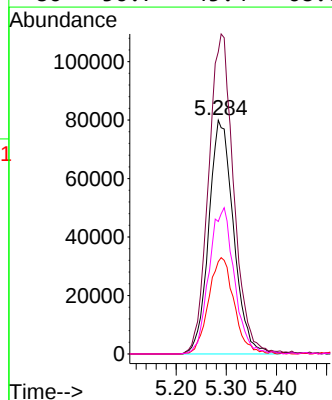
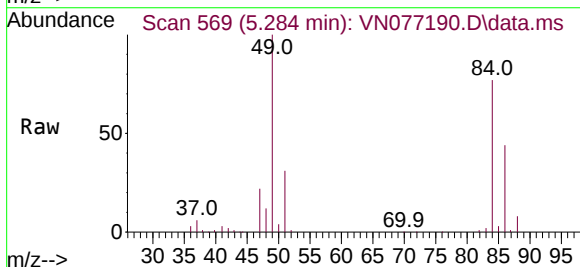
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

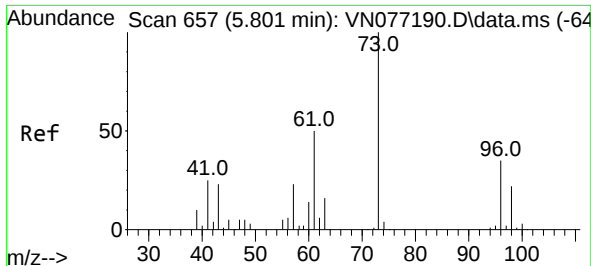
Tgt Ion: 73 Resp: 821219
Ion Ratio Lower Upper
73 100
57 23.4 18.7 28.1



#20
Methylene Chloride
Concen: 44.880 ug/l
RT: 5.284 min Scan# 569
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 84 Resp: 274416
Ion Ratio Lower Upper
84 100
49 129.2 103.4 155.0
51 39.5 31.6 47.4
86 56.7 45.4 68.0

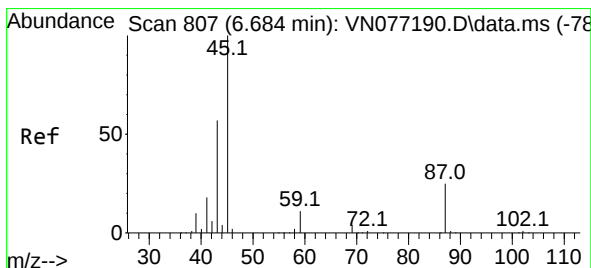
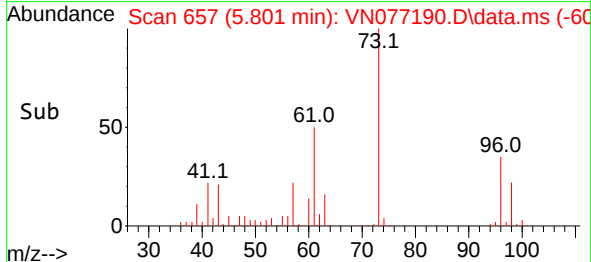
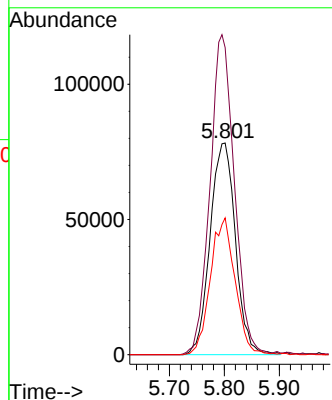
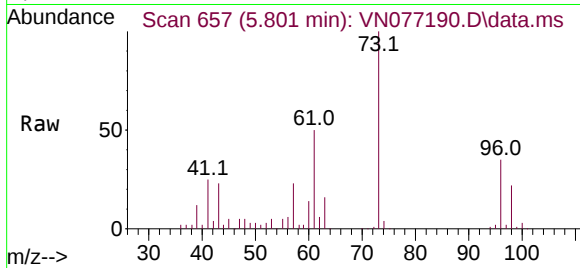




#21
trans-1,2-Dichloroethene
Concen: 48.758 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

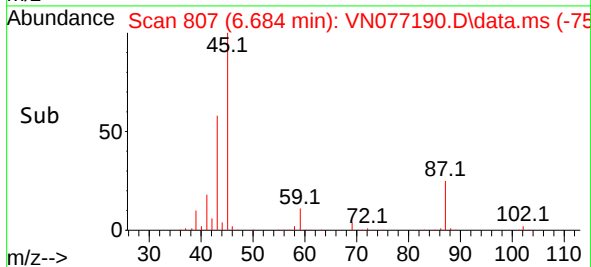
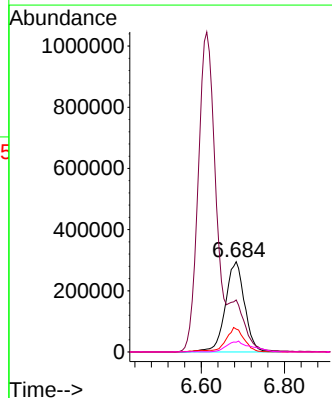
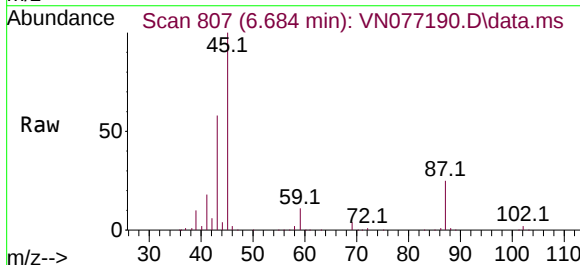
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

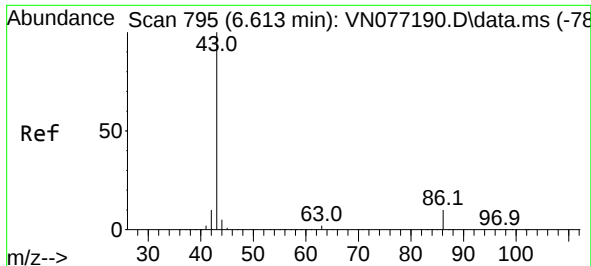
Tgt Ion: 96 Resp: 250933
Ion Ratio Lower Upper
96 100
61 145.0 116.0 174.0
98 64.6 51.7 77.5



#22
Diisopropyl ether
Concen: 51.123 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 45 Resp: 943773
Ion Ratio Lower Upper
45 100
43 56.9 45.5 68.3
87 25.3 20.2 30.4
59 10.7 8.6 12.8

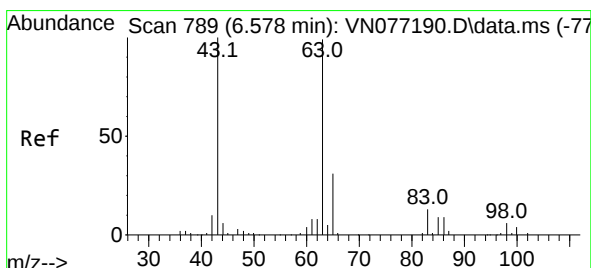
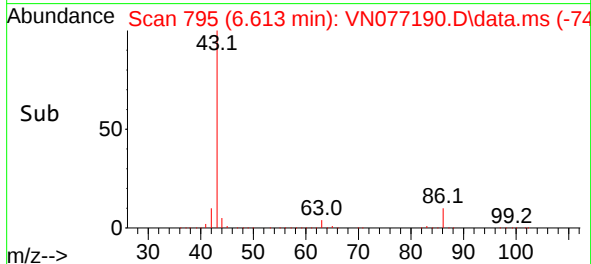
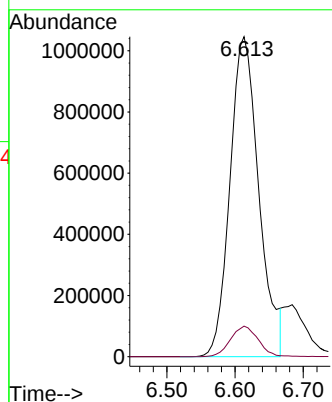
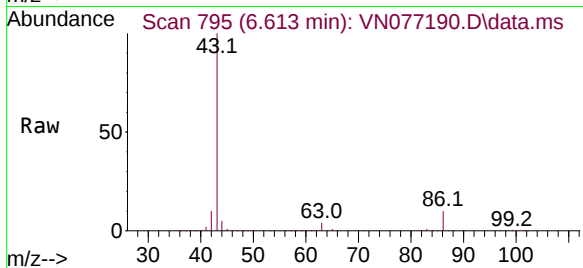




#23
 Vinyl Acetate
 Concen: 227.842 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077190.D
 Acq: 24 Mar 2023 22:06

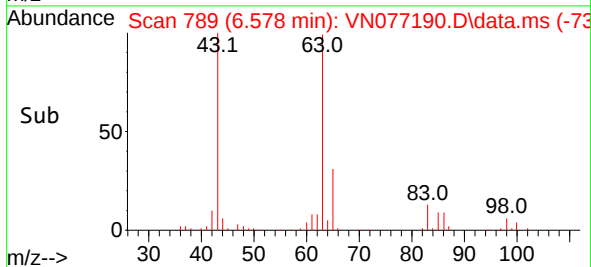
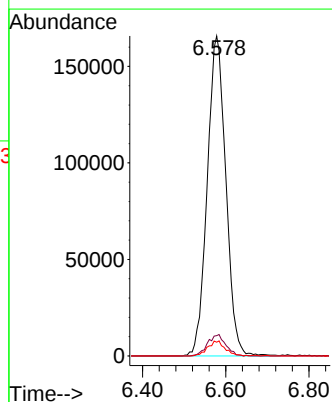
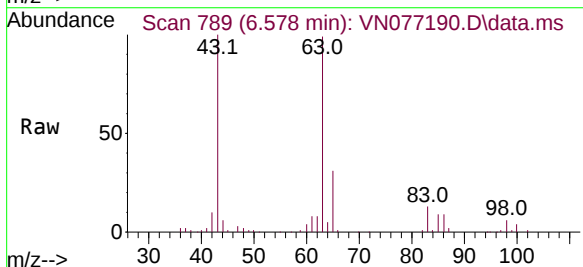
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

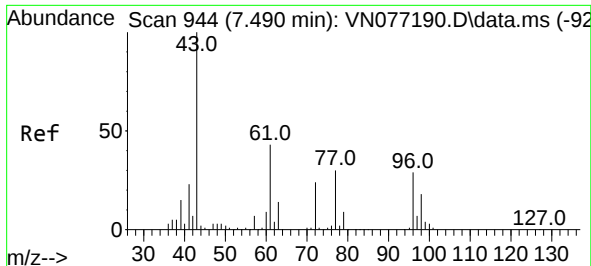
Tgt Ion: 43 Resp: 3082335
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 48.175 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077190.D
 Acq: 24 Mar 2023 22:06

Tgt Ion: 63 Resp: 515282
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.3 2.1 6.5

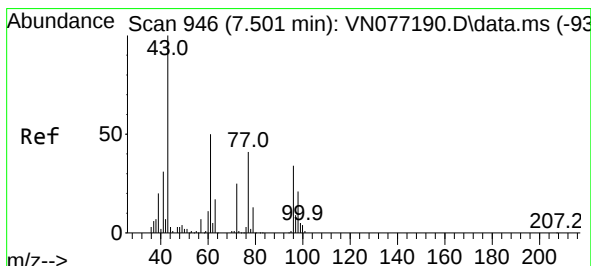
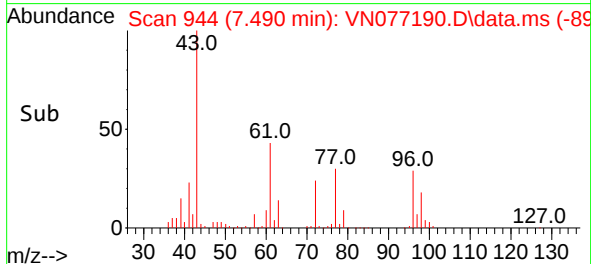
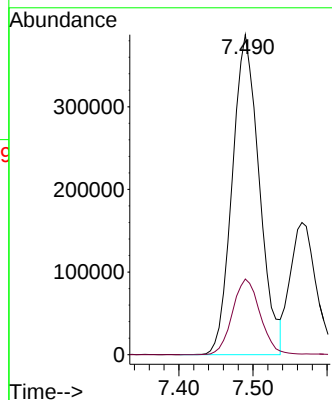
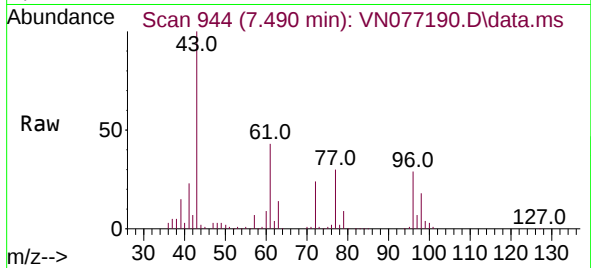




#25
2-Butanone
Concen: 242.614 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

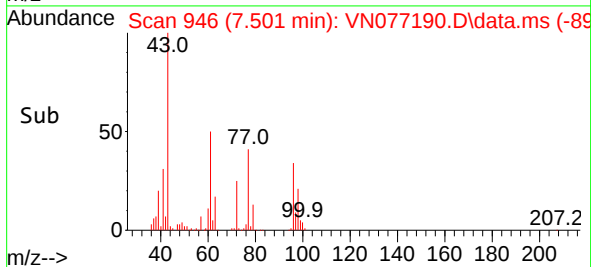
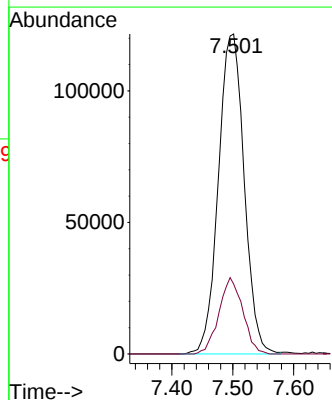
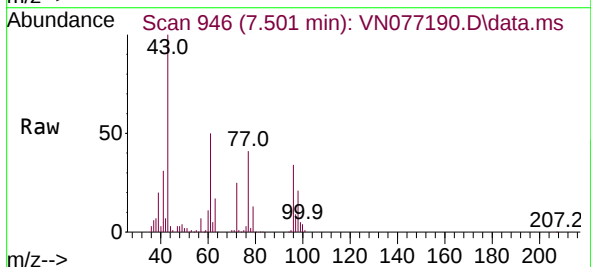
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

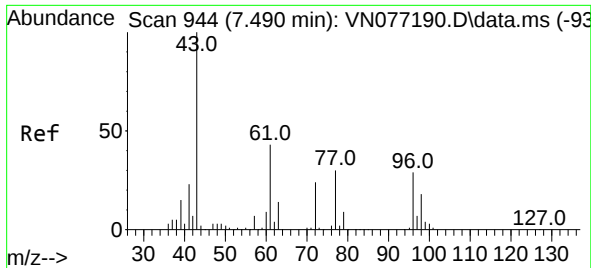
Tgt Ion: 43 Resp: 982212
Ion Ratio Lower Upper
43 100
72 23.7 19.0 28.4



#26
2,2-Dichloropropane
Concen: 49.207 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 77 Resp: 357163
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1

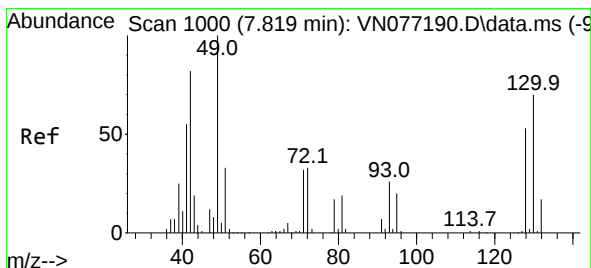
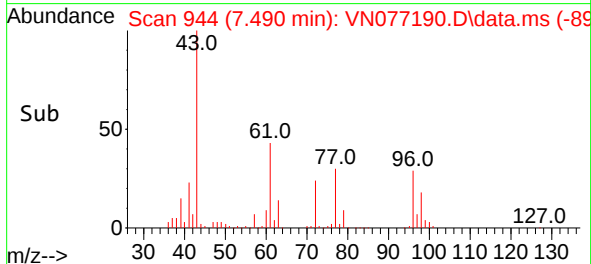
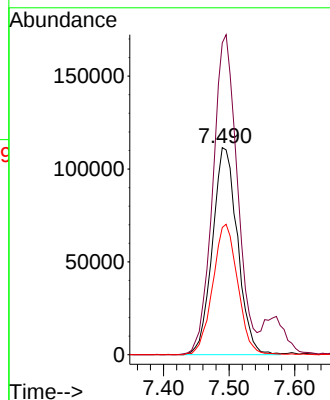
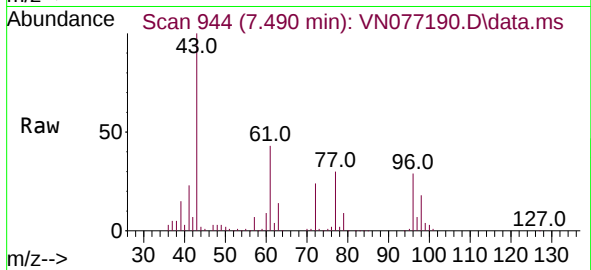




#27
 cis-1,2-Dichloroethene
 Concen: 49.387 ug/l
 RT: 7.490 min Scan# 944
 Delta R.T. 0.000 min
 Lab File: VN077190.D
 Acq: 24 Mar 2023 22:06

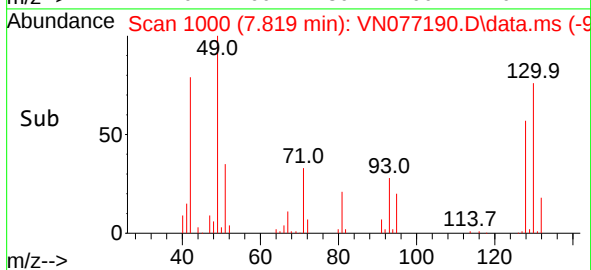
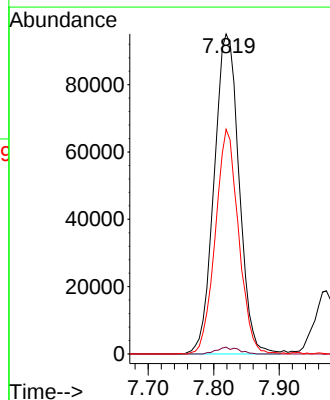
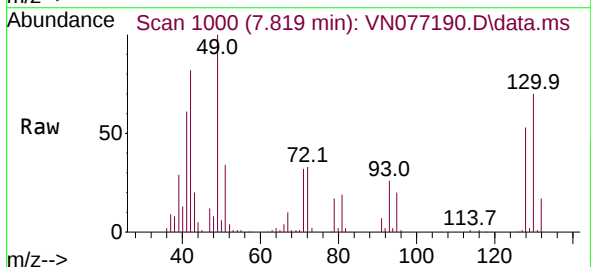
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

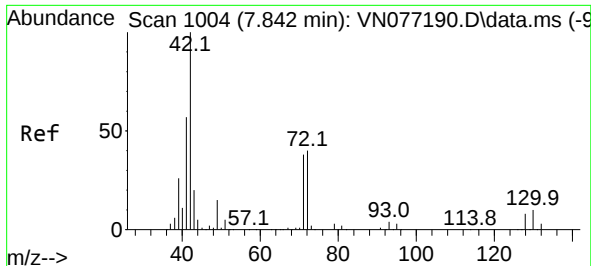
Tgt Ion: 96 Resp: 295269
 Ion Ratio Lower Upper
 96 100
 61 151.8 0.0 303.6
 98 63.0 0.0 126.0



#28
 Bromochloromethane
 Concen: 46.556 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN077190.D
 Acq: 24 Mar 2023 22:06

Tgt Ion: 49 Resp: 250827
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 65.6 52.5 78.7





#29

Tetrahydrofuran

Concen: 248.389 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

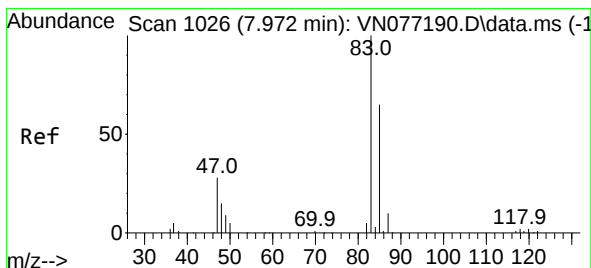
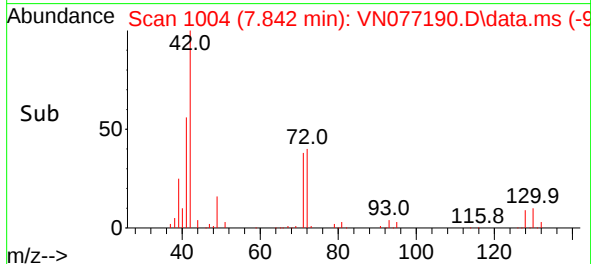
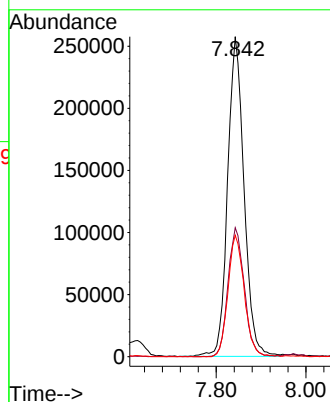
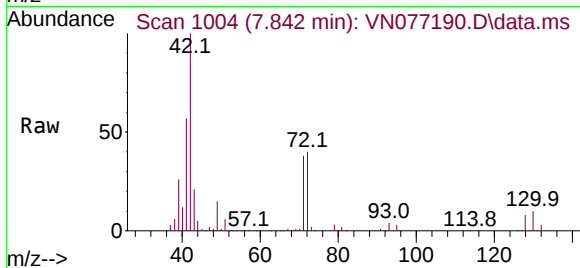
Tgt Ion: 42 Resp: 655786

Ion Ratio Lower Upper

42 100

72 40.1 32.1 48.1

71 37.8 30.2 45.4



#30

Chloroform

Concen: 47.630 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077190.D

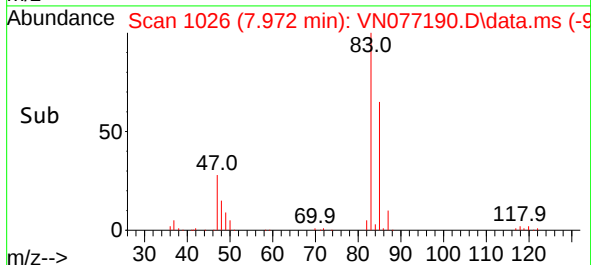
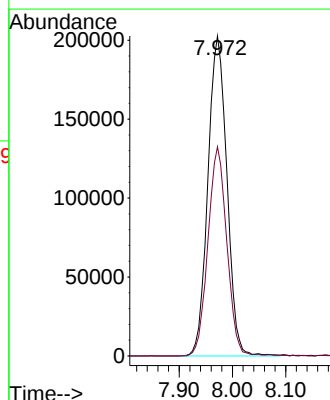
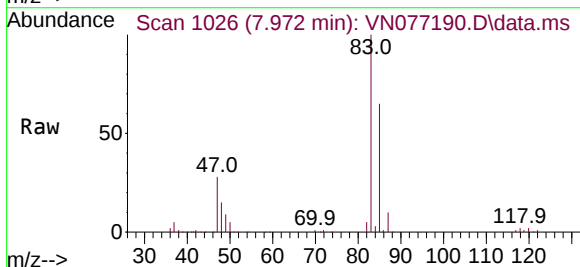
Acq: 24 Mar 2023 22:06

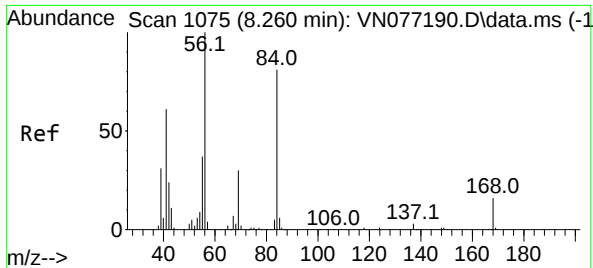
Tgt Ion: 83 Resp: 502809

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.4

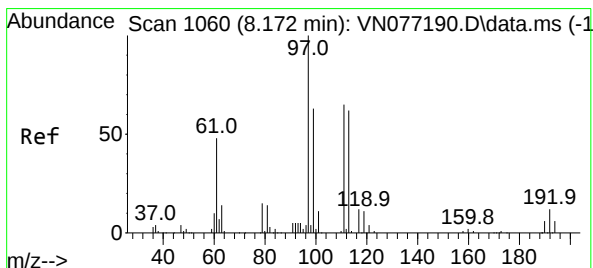
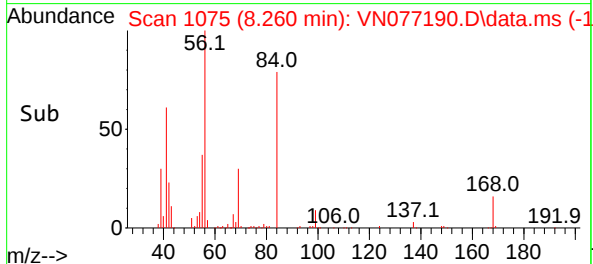
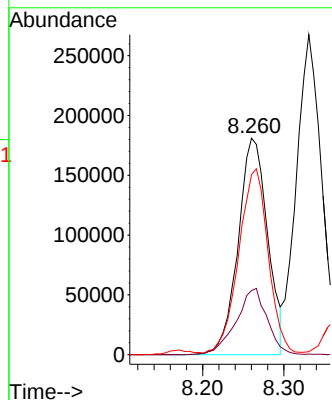
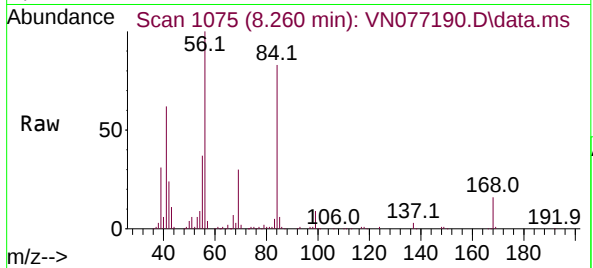




#31
Cyclohexane
Concen: 46.706 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

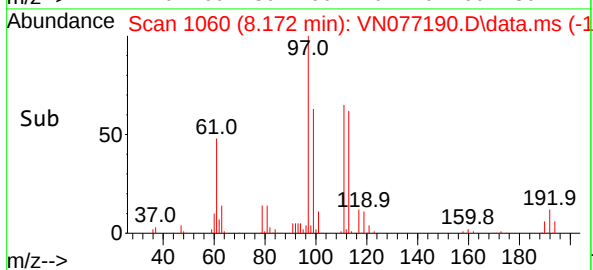
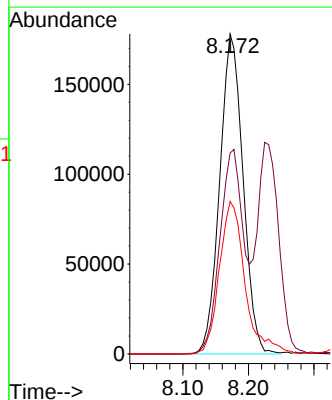
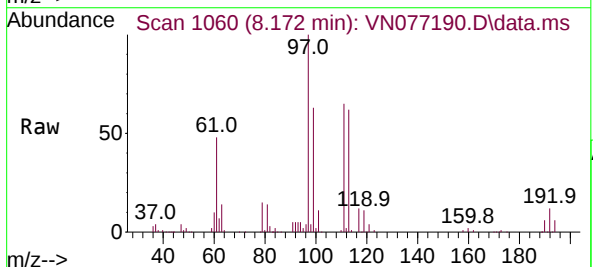
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

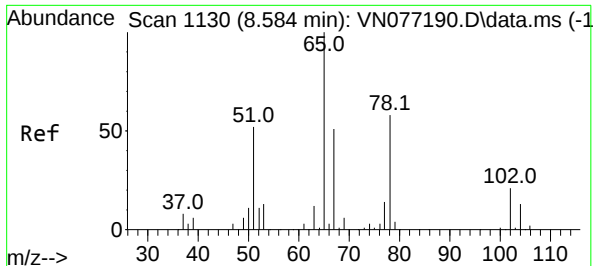
Tgt Ion: 56 Resp: 457198
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 81.0 64.8 97.2



#32
1,1,1-Trichloroethane
Concen: 48.544 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 97 Resp: 439411
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 52.6 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 48.927 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

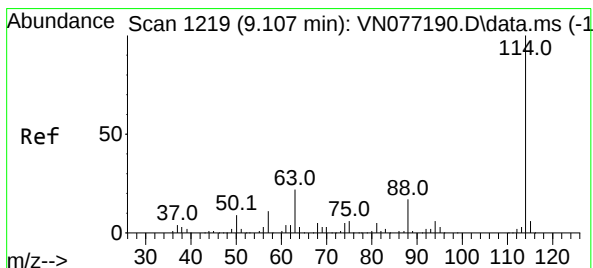
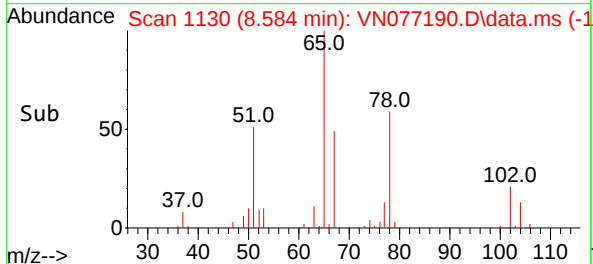
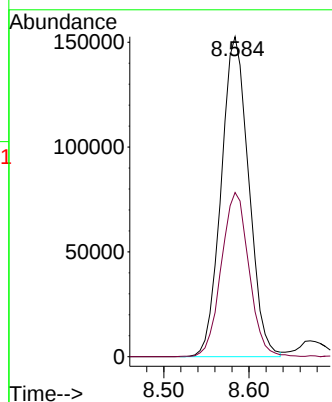
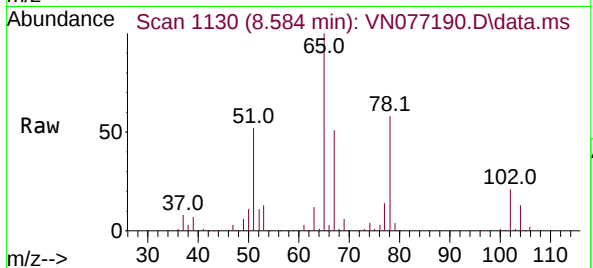
VSTDICCC050

Tgt Ion: 65 Resp: 342778

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

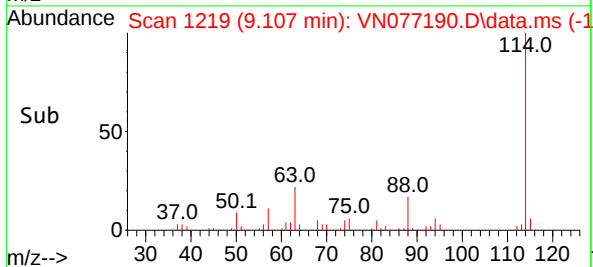
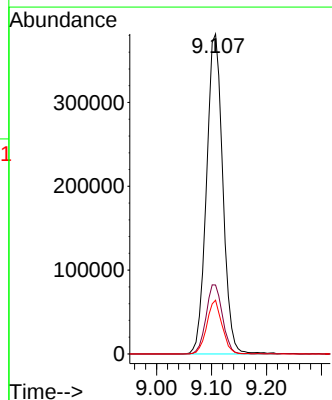
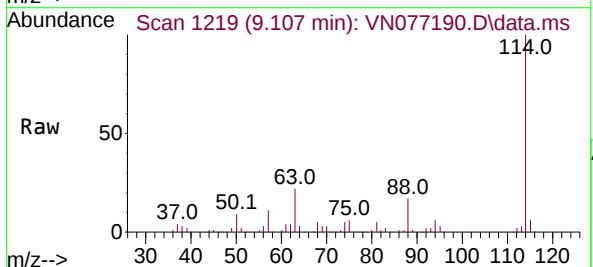
Tgt Ion: 114 Resp: 784167

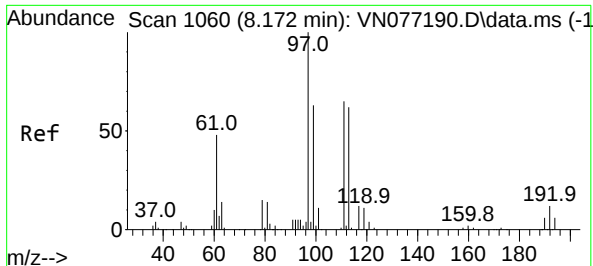
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.0

88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 48.504 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

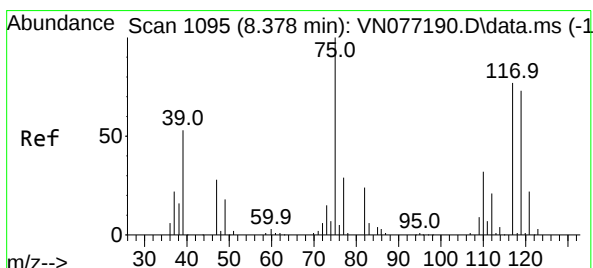
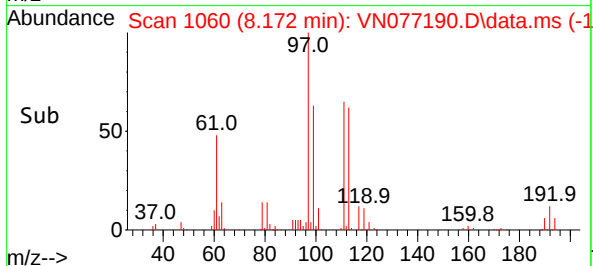
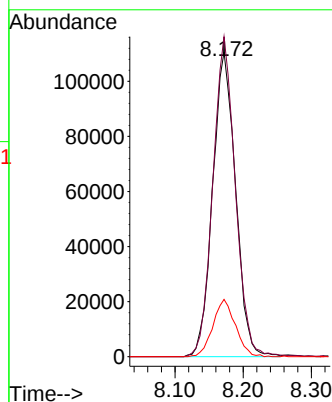
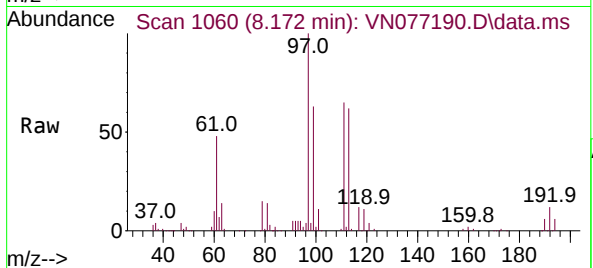
Tgt Ion:113 Resp: 259107

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 18.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 50.113 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

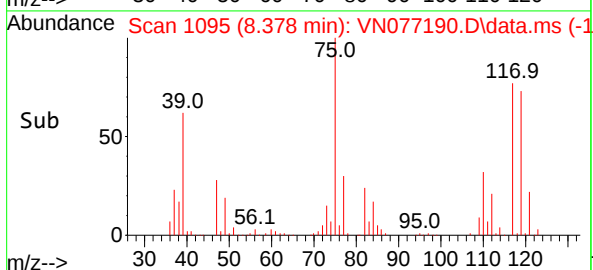
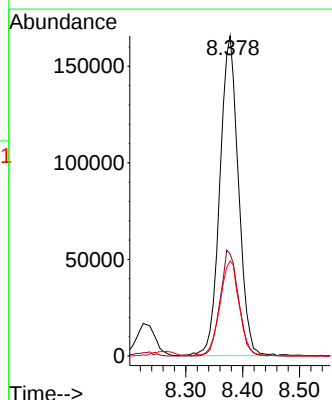
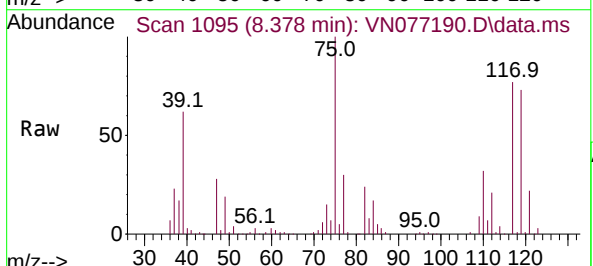
Tgt Ion: 75 Resp: 375785

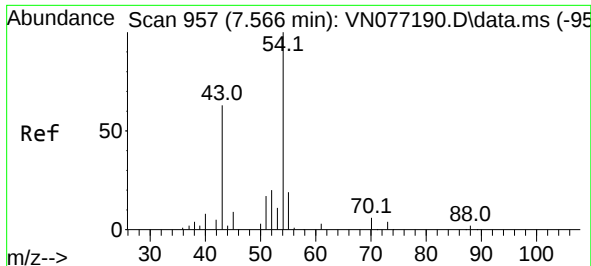
Ion Ratio Lower Upper

75 100

110 32.6 16.3 48.9

77 30.9 24.7 37.1

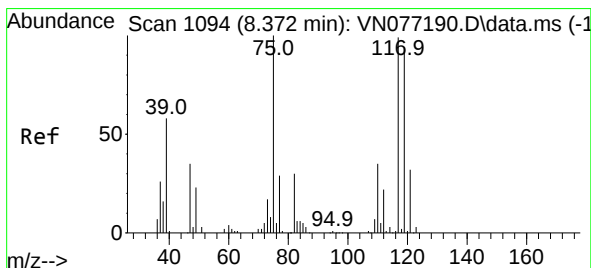
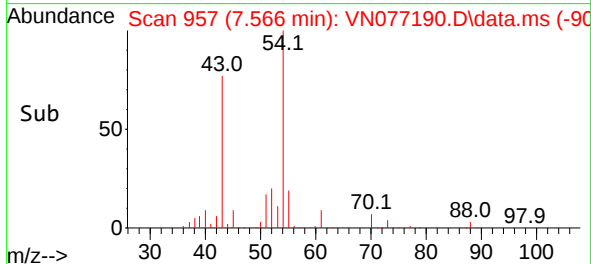
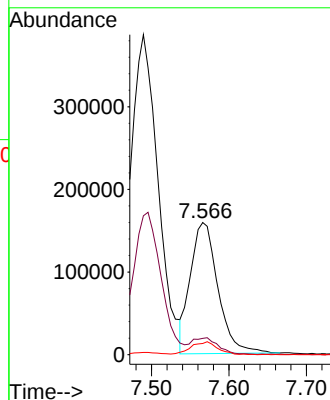
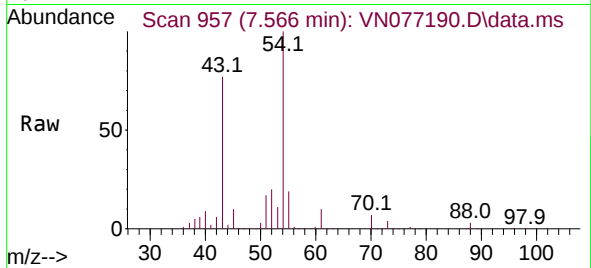




#37
Ethyl Acetate
Concen: 47.200 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

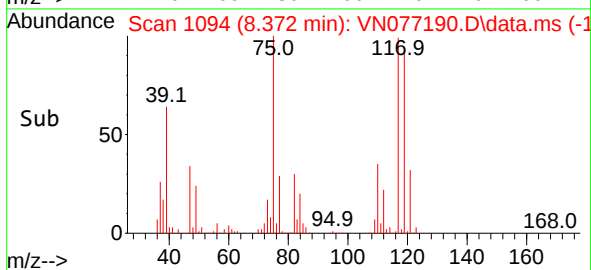
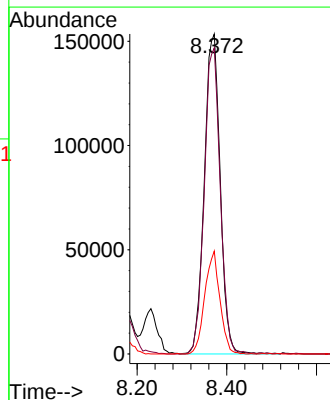
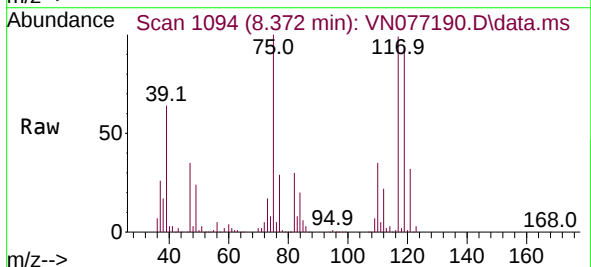
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

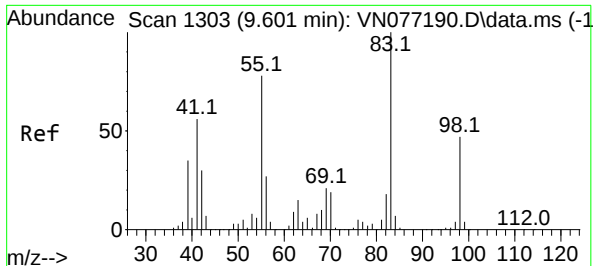
Tgt Ion: 43 Resp: 392355
Ion Ratio Lower Upper
43 100
61 12.4 9.9 14.9
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 49.037 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 117 Resp: 377841
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
121 32.1 25.7 38.5





#39

Methylcyclohexane

Concen: 52.420 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

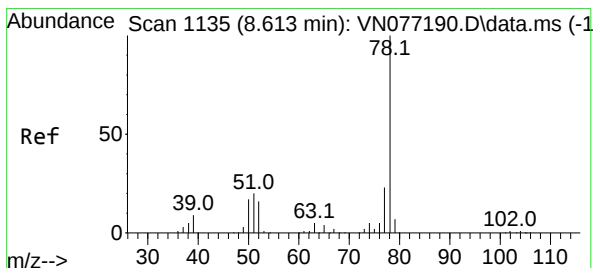
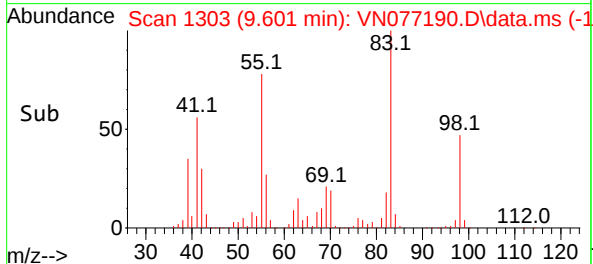
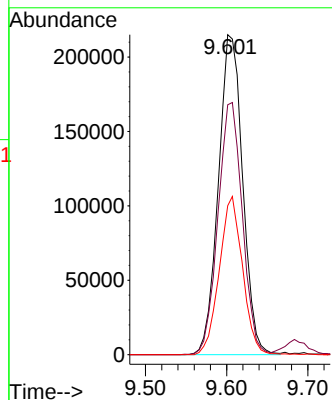
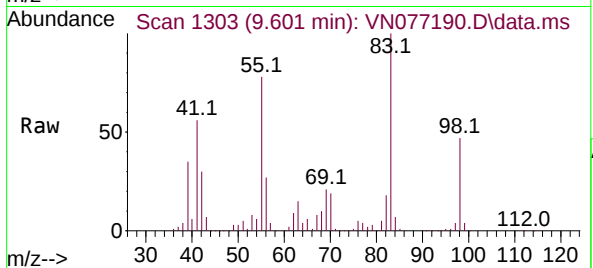
Tgt Ion: 83 Resp: 446670

Ion Ratio Lower Upper

83 100

55 78.1 62.5 93.7

98 46.6 37.3 55.9



#40

Benzene

Concen: 48.947 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077190.D

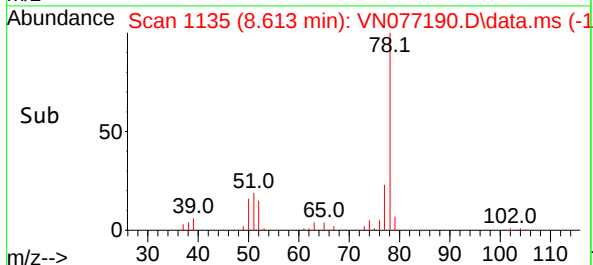
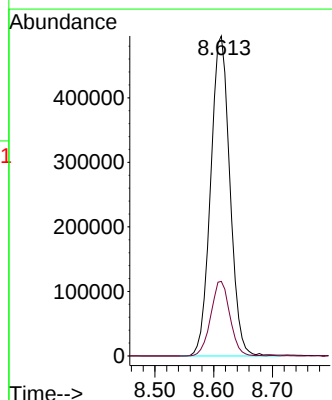
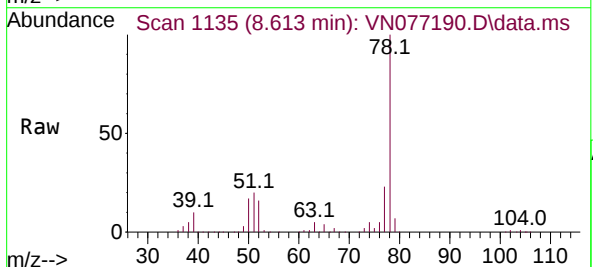
Acq: 24 Mar 2023 22:06

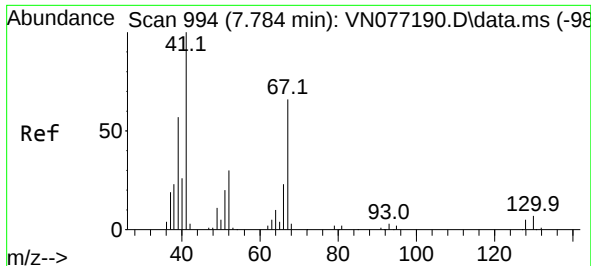
Tgt Ion: 78 Resp: 1126739

Ion Ratio Lower Upper

78 100

77 23.3 18.6 28.0

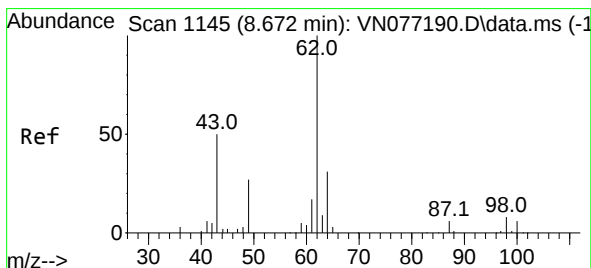
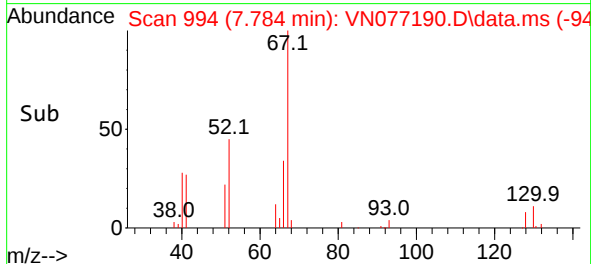
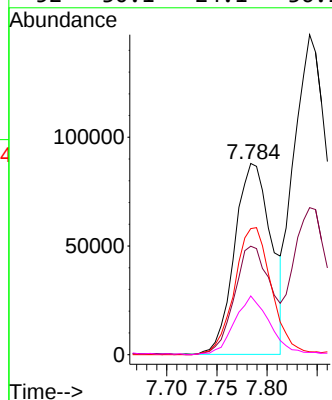
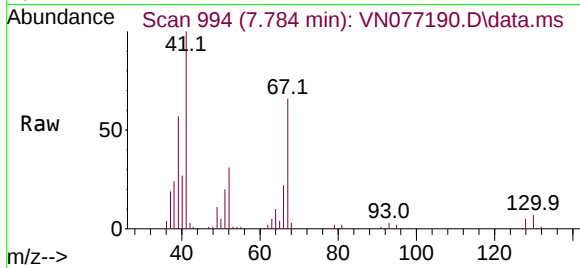




#41
Methacrylonitrile
Concen: 49.166 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

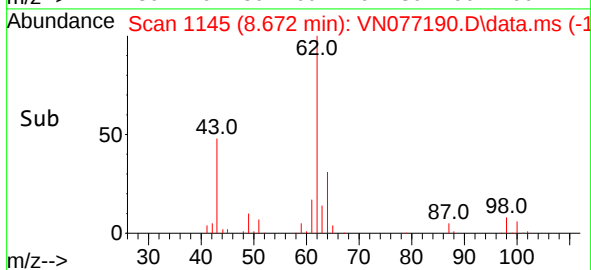
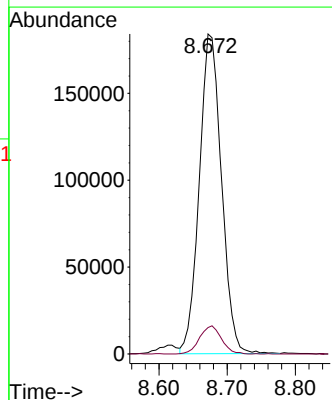
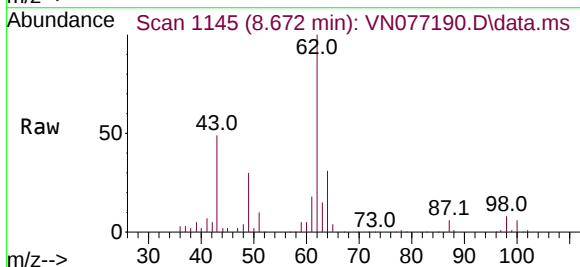
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

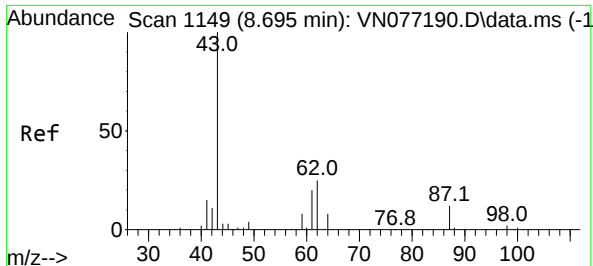
Tgt Ion: 41 Resp: 224413
Ion Ratio Lower Upper
41 100
39 56.8 45.4 68.2
67 67.5 54.0 81.0
52 30.1 24.1 36.1



#42
1,2-Dichloroethane
Concen: 47.760 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 62 Resp: 416280
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.4

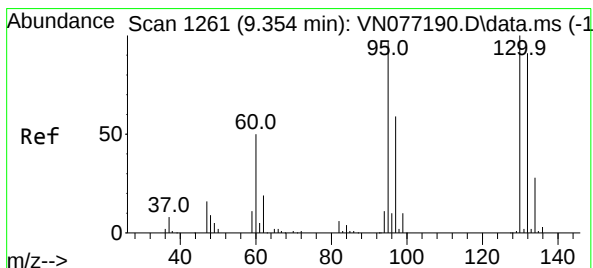
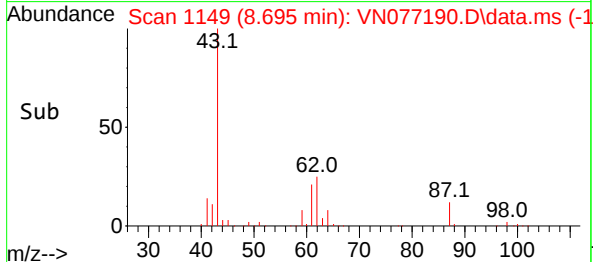
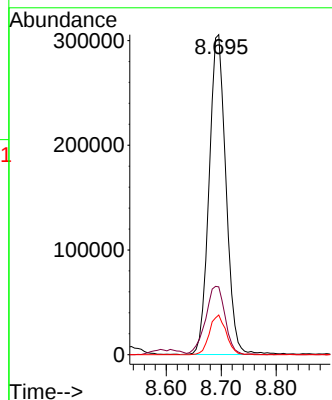
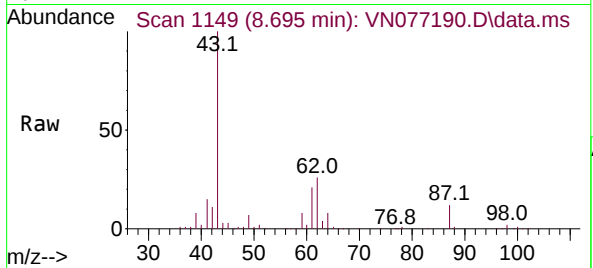




#43
Isopropyl Acetate
Concen: 48.872 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

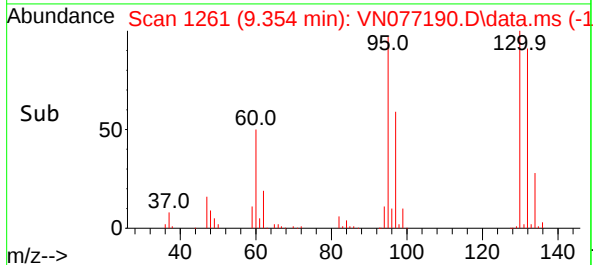
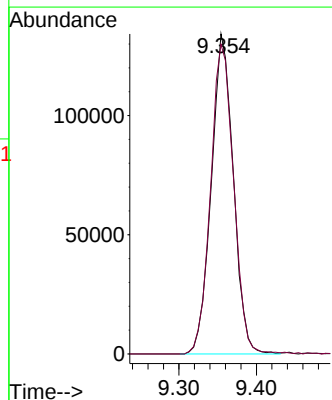
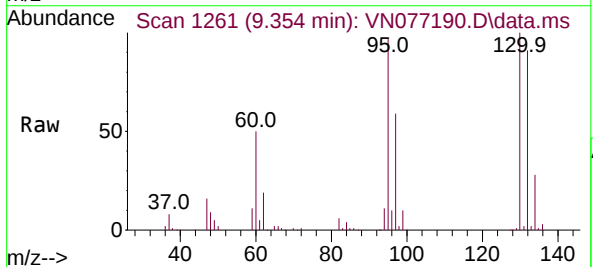
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

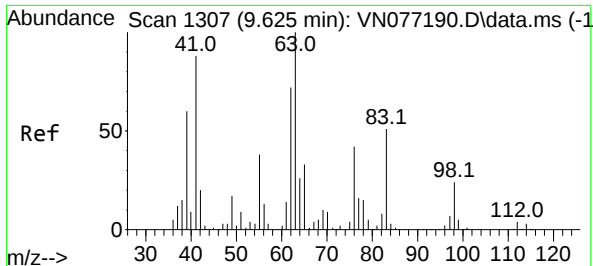
Tgt Ion: 43 Resp: 649643
Ion Ratio Lower Upper
43 100
61 24.3 19.4 29.2
87 12.3 9.8 14.8



#44
Trichloroethene
Concen: 49.330 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion:130 Resp: 265244
Ion Ratio Lower Upper
130 100
95 96.7 0.0 193.4





#45

1,2-Dichloropropane

Concen: 49.131 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

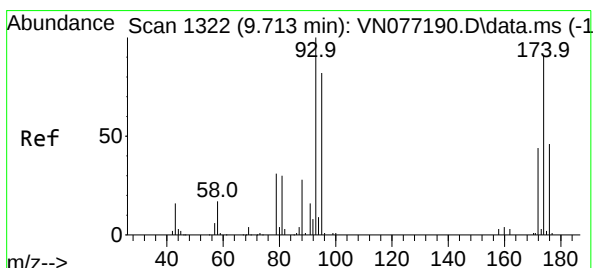
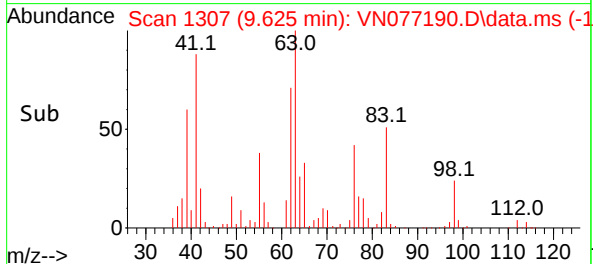
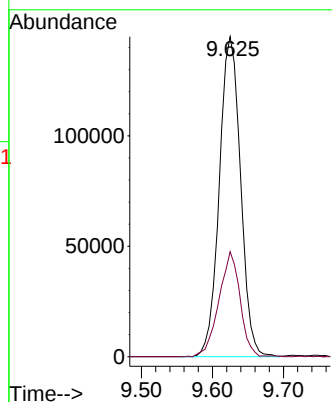
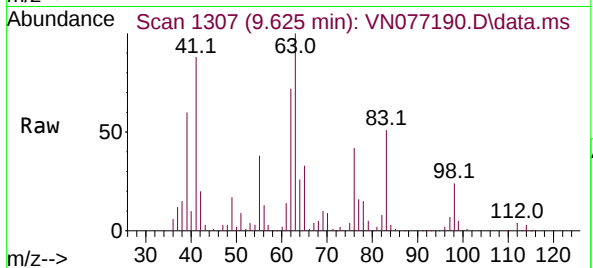
VSTDICCC050

Tgt Ion: 63 Resp: 299952

Ion Ratio Lower Upper

63 100

65 32.8 26.2 39.4



#46

Dibromomethane

Concen: 49.435 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

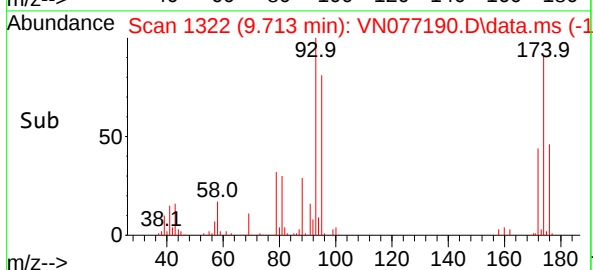
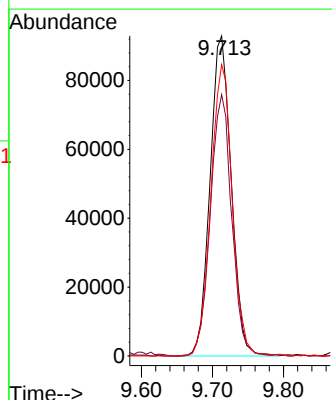
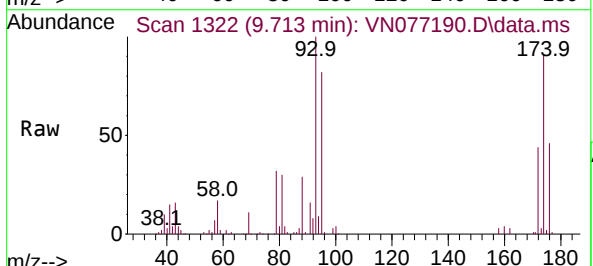
Tgt Ion: 93 Resp: 192761

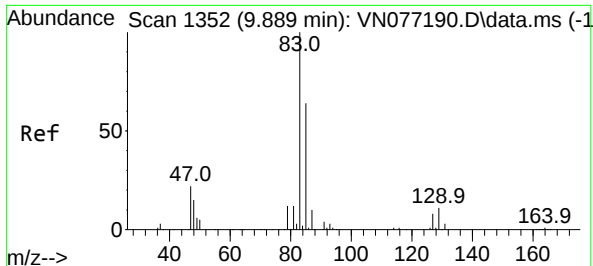
Ion Ratio Lower Upper

93 100

95 82.1 65.7 98.5

174 91.5 73.2 109.8

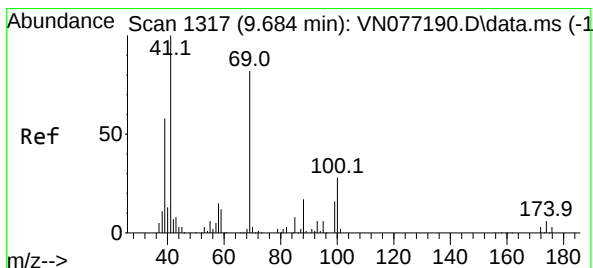
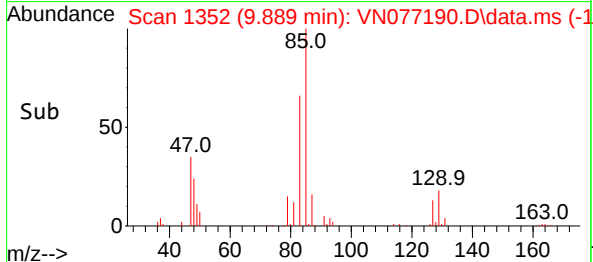
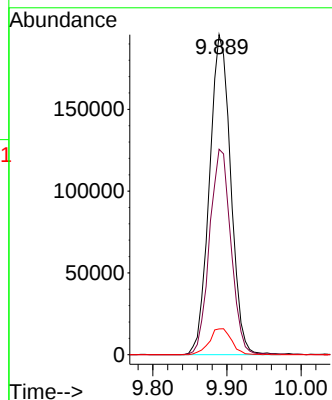
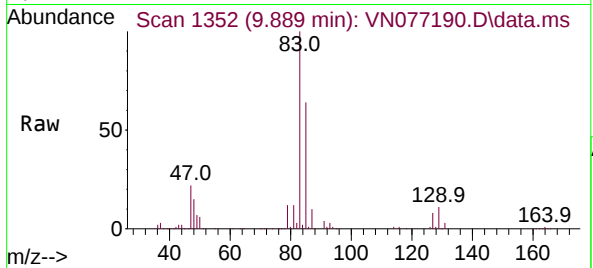




#47
Bromodichloromethane
Concen: 48.560 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

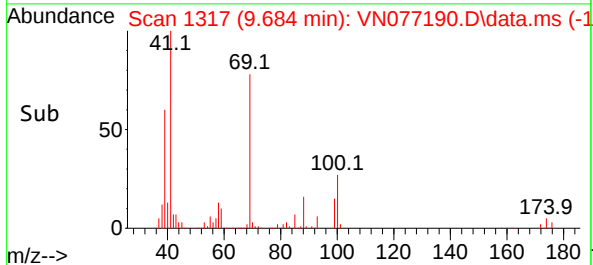
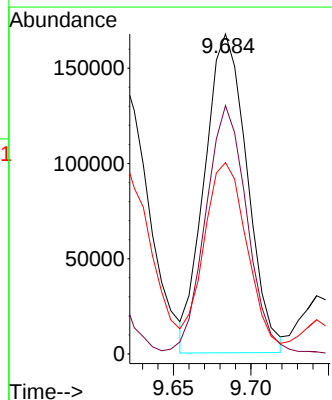
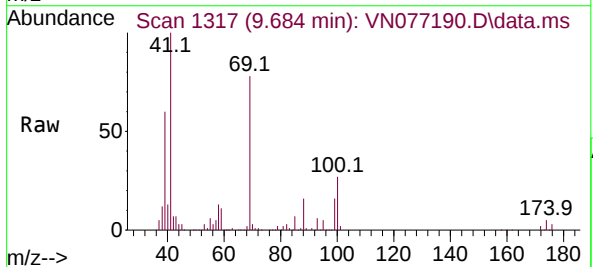
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

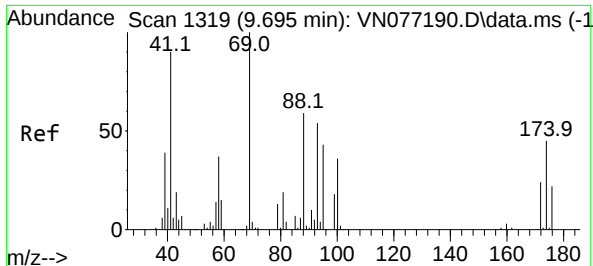
Tgt Ion: 83 Resp: 390561
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0
127 8.1 6.5 9.7



#48
Methyl methacrylate
Concen: 49.663 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 41 Resp: 319172
Ion Ratio Lower Upper
41 100
69 76.1 60.9 91.3
39 61.6 49.3 73.9





#49

1,4-Dioxane

Concen: 962.814 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

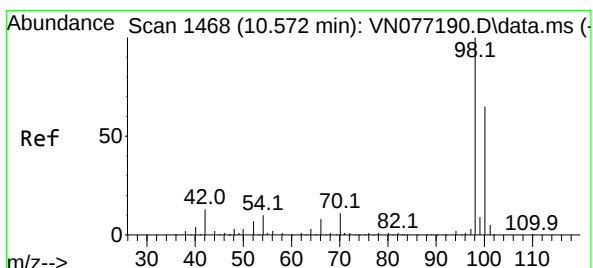
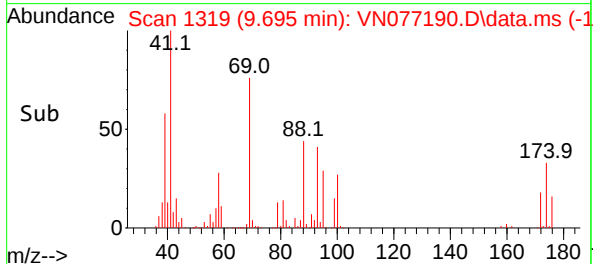
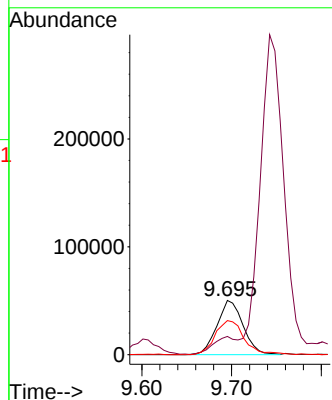
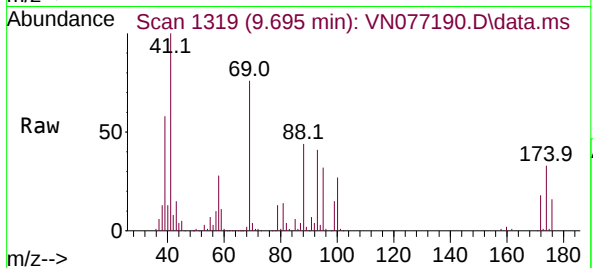
Tgt Ion: 88 Resp: 101439

Ion Ratio Lower Upper

88 100

43 30.3 24.2 36.4

58 70.2 56.2 84.2



#50

Toluene-d8

Concen: 50.288 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077190.D

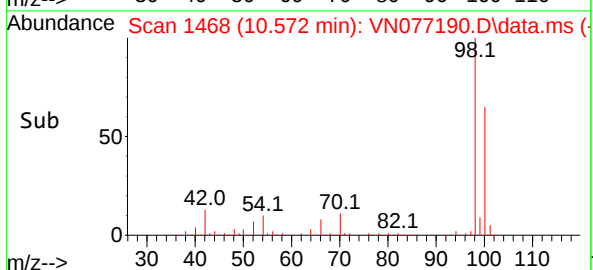
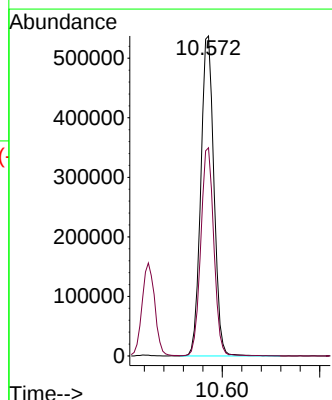
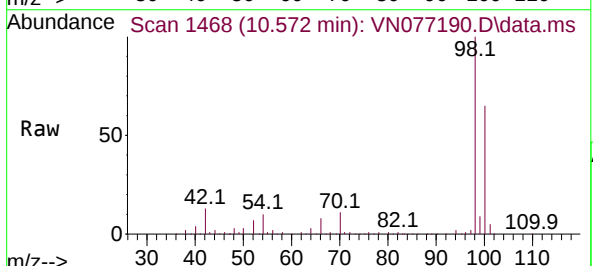
Acq: 24 Mar 2023 22:06

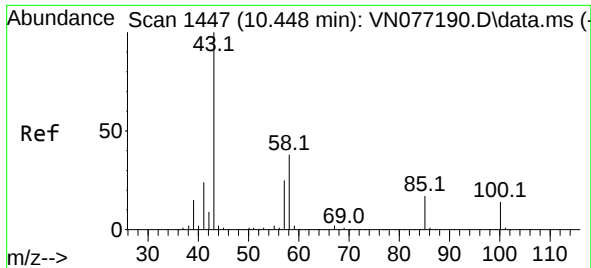
Tgt Ion: 98 Resp: 1005295

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5

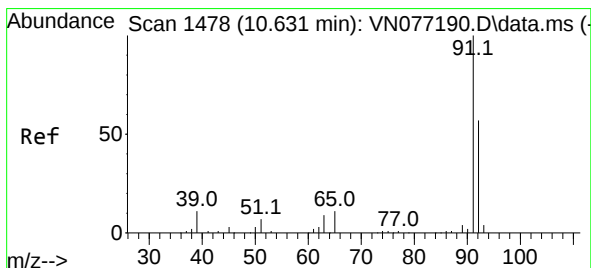
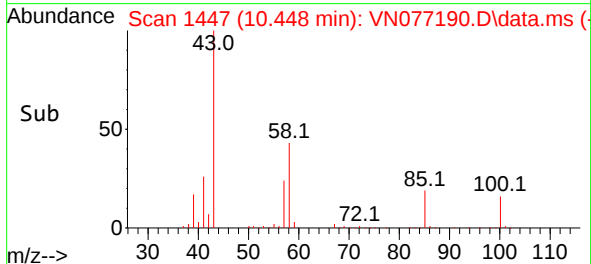
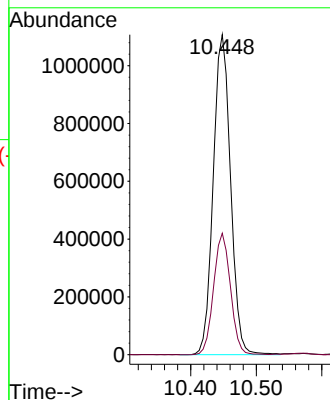
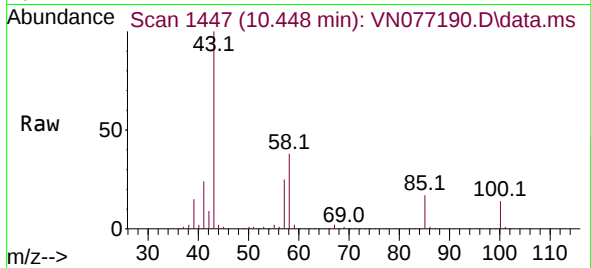




#51
4-Methyl-2-Pentanone
Concen: 249.079 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

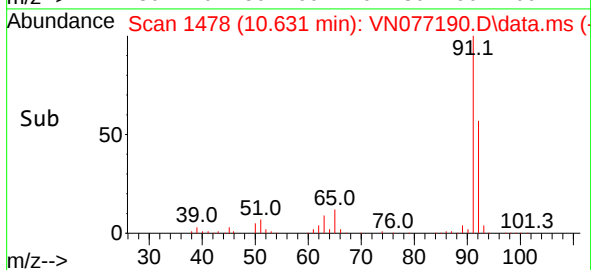
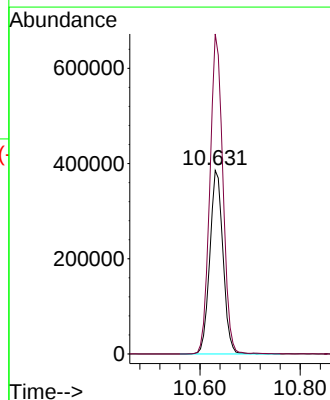
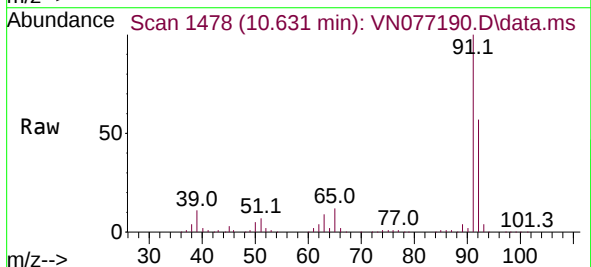
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

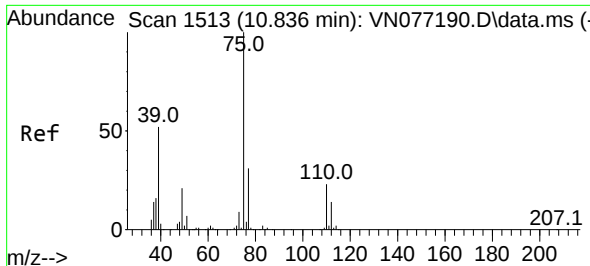
Tgt Ion: 43 Resp: 2027228
Ion Ratio Lower Upper
43 100
58 36.9 29.5 44.3



#52
Toluene
Concen: 50.989 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 92 Resp: 703308
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4

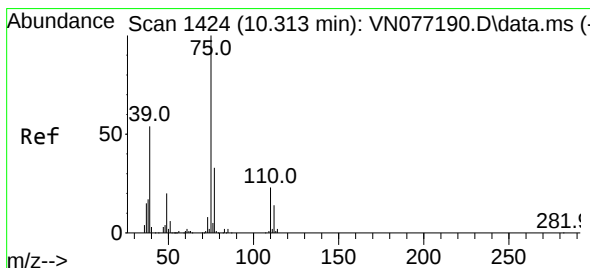
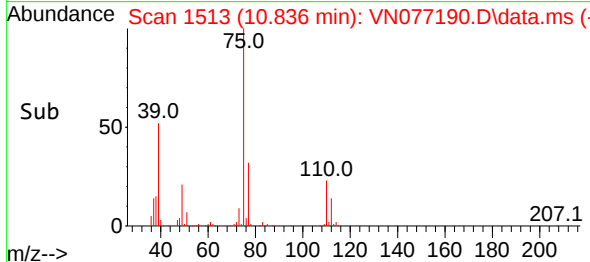
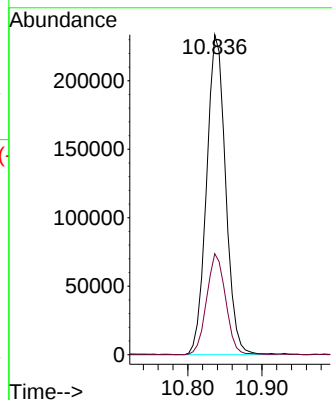
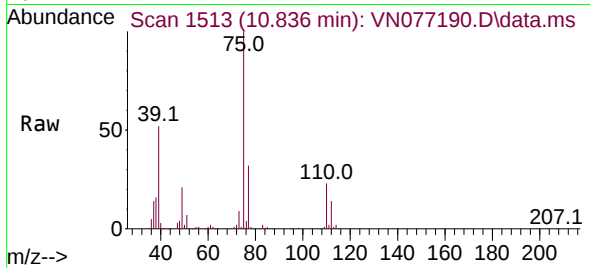




#53
t-1,3-Dichloropropene
Concen: 52.415 ug/l
RT: 10.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

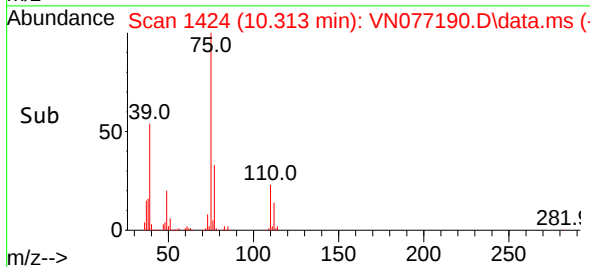
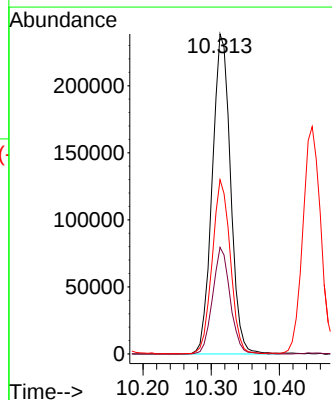
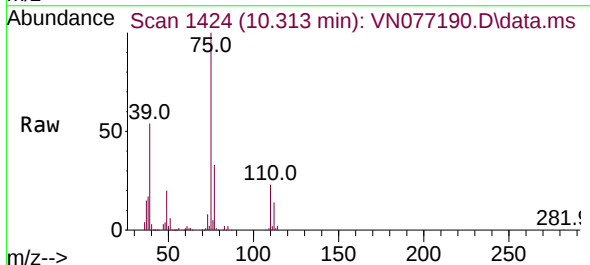
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

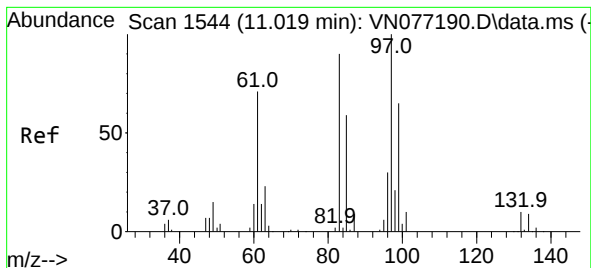
Tgt Ion: 75 Resp: 416959
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 51.163 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 75 Resp: 446213
Ion Ratio Lower Upper
75 100
77 33.3 26.6 40.0
39 54.4 43.5 65.3





#55

1,1,2-Trichloroethane

Concen: 50.338 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 268438

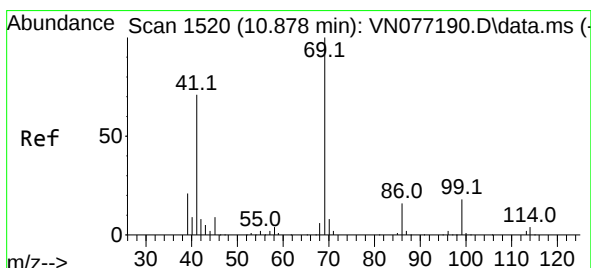
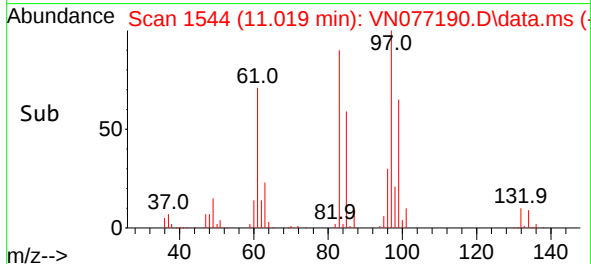
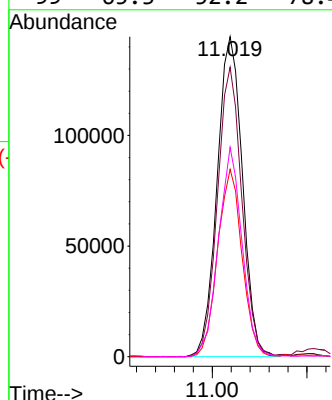
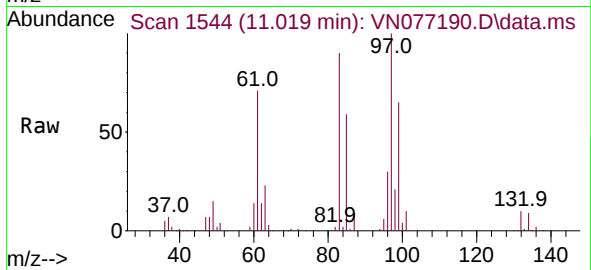
Ion Ratio Lower Upper

97 100

83 90.5 72.4 108.6

85 58.6 46.9 70.3

99 65.3 52.2 78.4



#56

Ethyl methacrylate

Concen: 45.690 ug/l

RT: 10.878 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

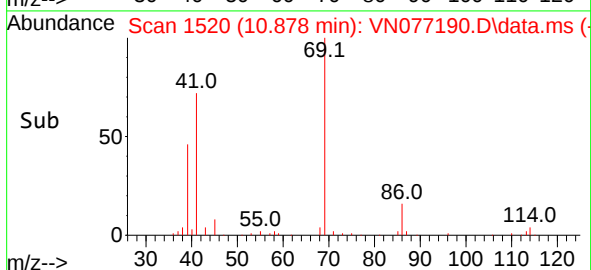
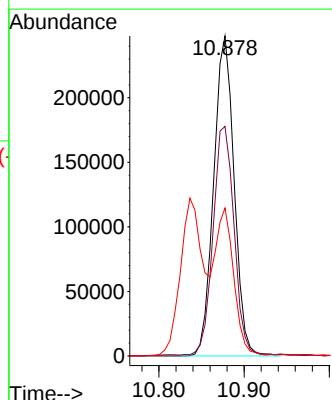
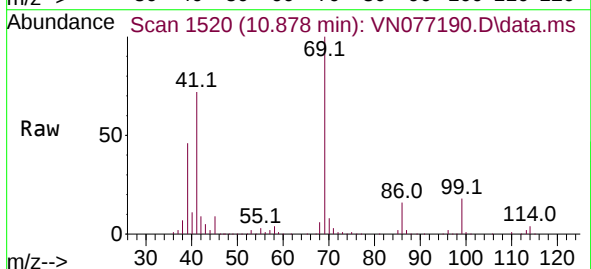
Tgt Ion: 69 Resp: 413488

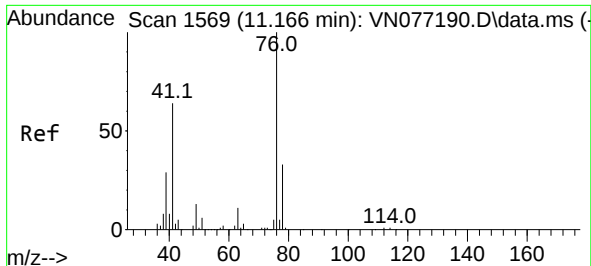
Ion Ratio Lower Upper

69 100

41 74.8 59.8 89.8

39 40.6 32.5 48.7





#57

1,3-Dichloropropane

Concen: 49.288 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

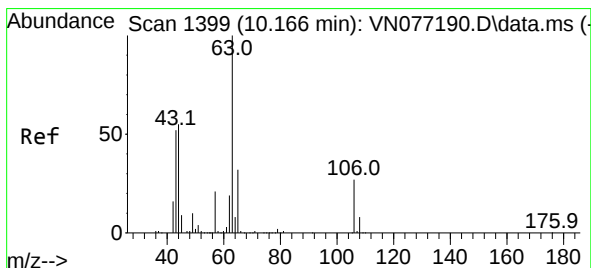
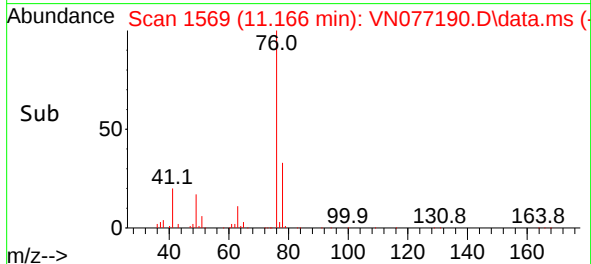
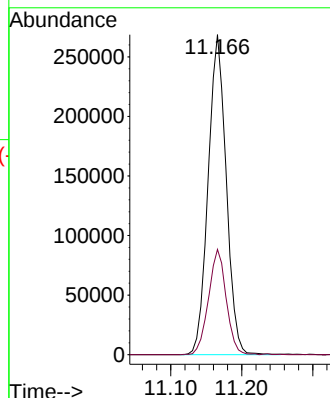
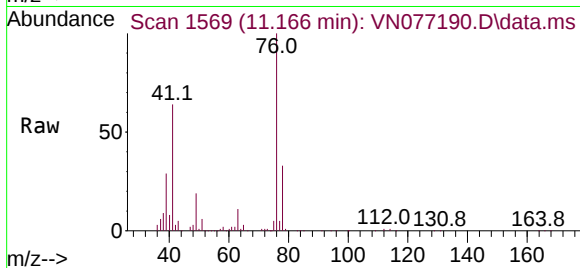
VSTDICCC050

Tgt Ion: 76 Resp: 475753

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 227.696 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VN077190.D

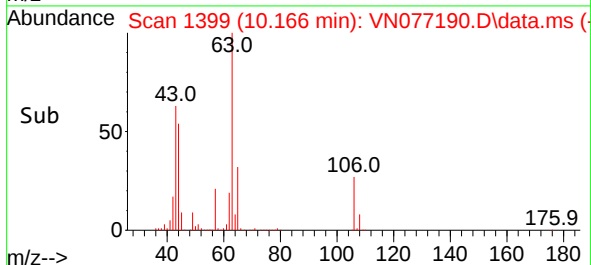
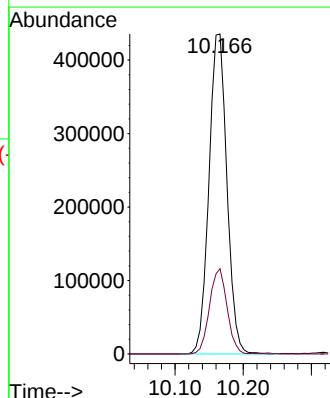
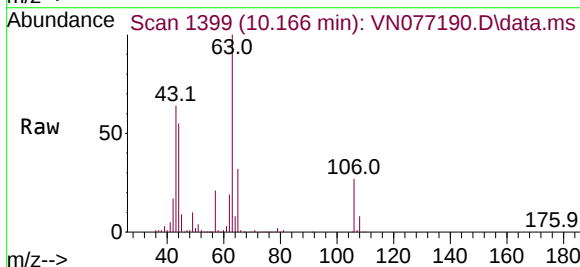
Acq: 24 Mar 2023 22:06

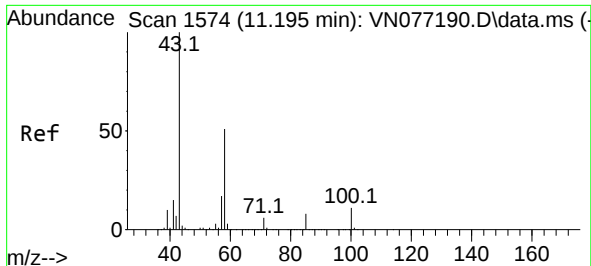
Tgt Ion: 63 Resp: 798648

Ion Ratio Lower Upper

63 100

106 26.1 20.9 31.3

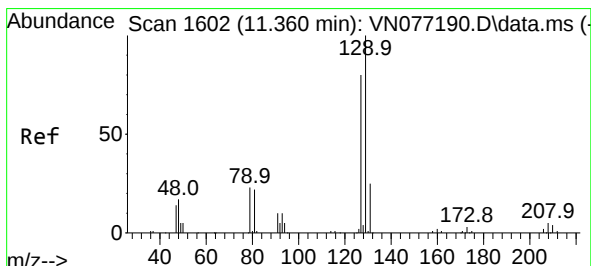
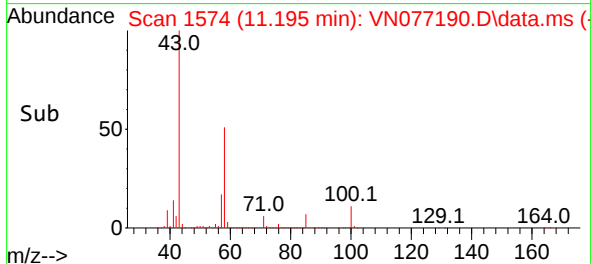
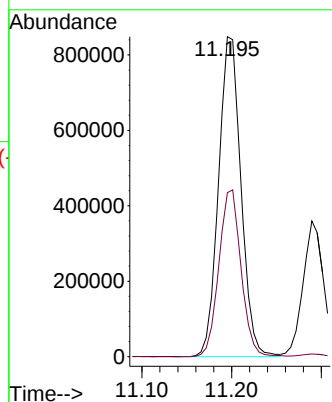
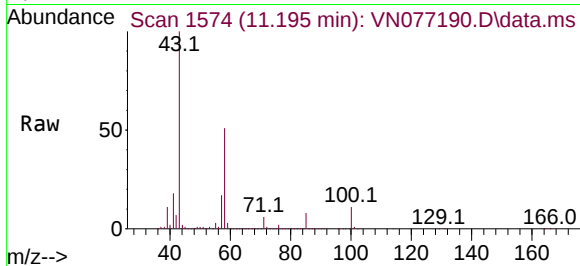




#59
2-Hexanone
Concen: 255.495 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

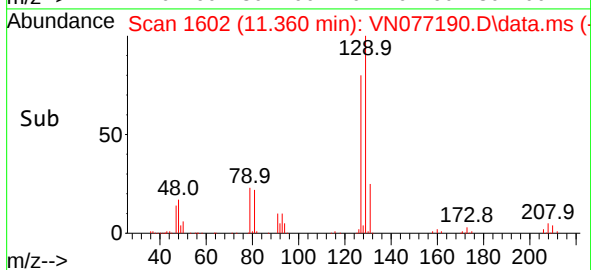
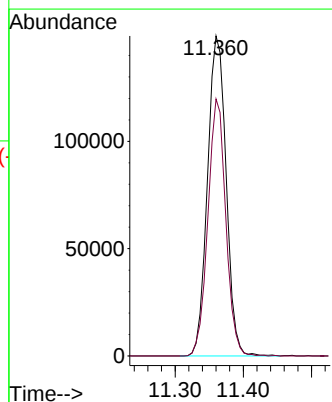
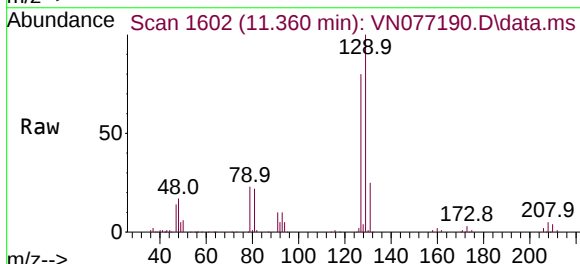
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

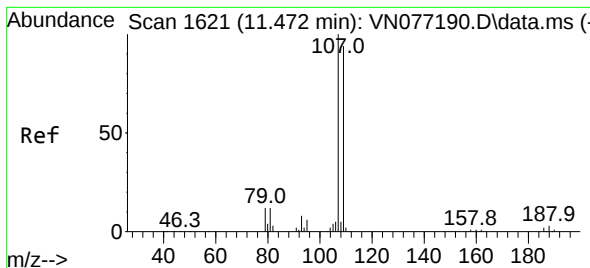
Tgt Ion: 43 Resp: 1473687
Ion Ratio Lower Upper
43 100
58 51.6 25.8 77.4



#60
Dibromochloromethane
Concen: 50.972 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 129 Resp: 284114
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

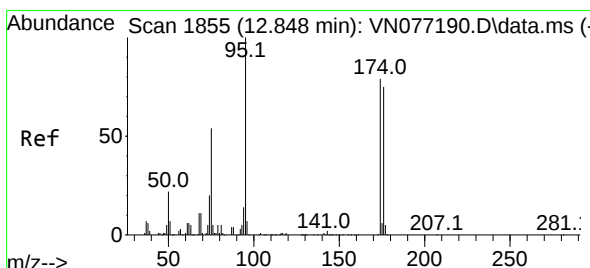
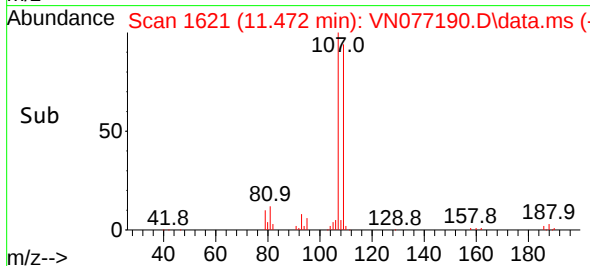
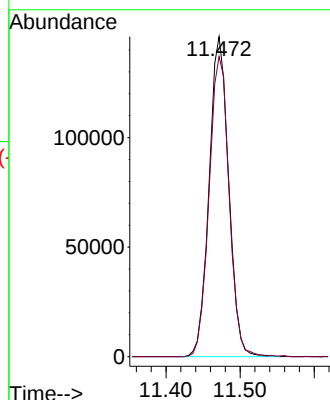
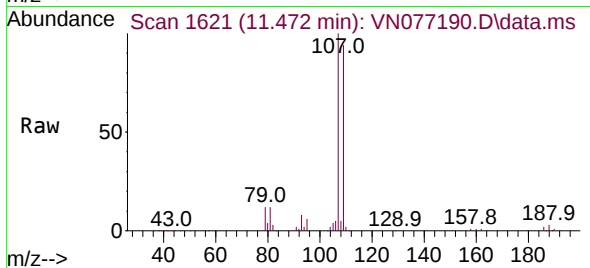




#61
1,2-Dibromoethane
Concen: 49.472 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

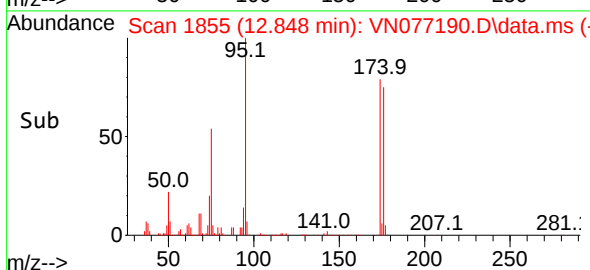
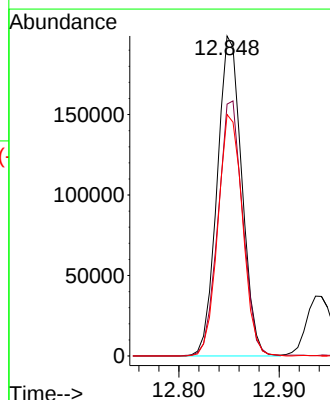
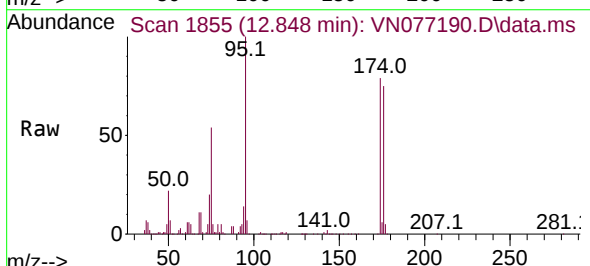
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

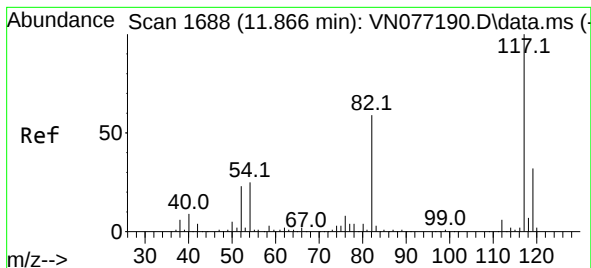
Tgt Ion:107 Resp: 267548
Ion Ratio Lower Upper
107 100
109 96.0 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 51.299 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 95 Resp: 339628
Ion Ratio Lower Upper
95 100
174 79.5 0.0 159.0
176 75.4 0.0 150.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

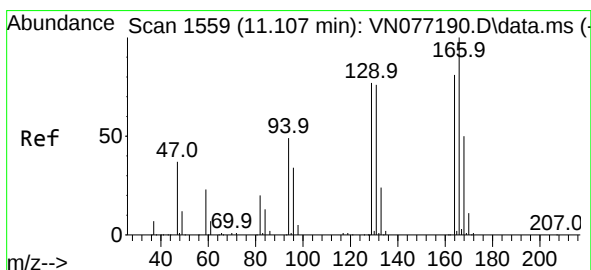
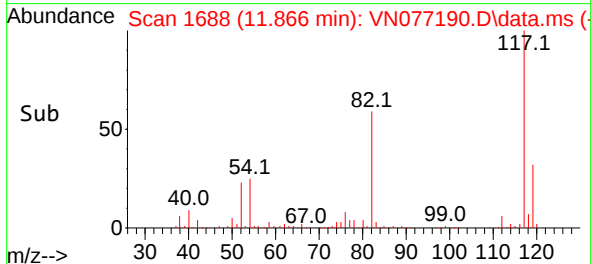
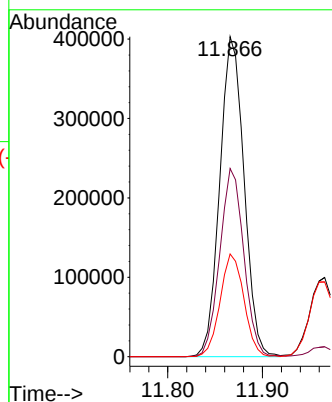
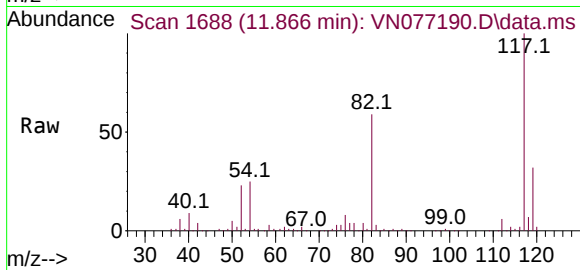
Tgt Ion:117 Resp: 717558

Ion Ratio Lower Upper

117 100

82 58.8 47.0 70.6

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 49.321 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Tgt Ion:164 Resp: 222159

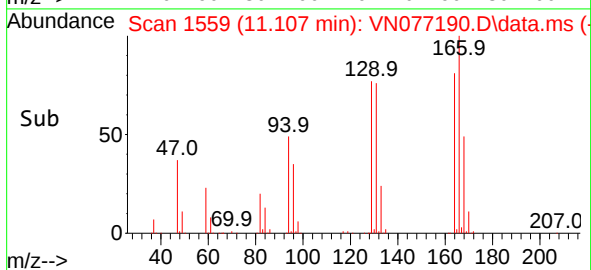
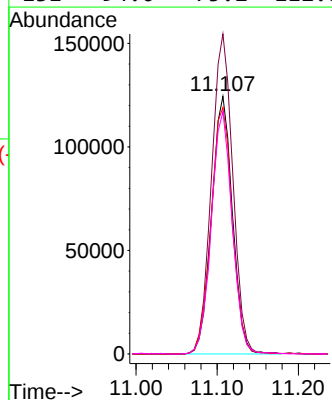
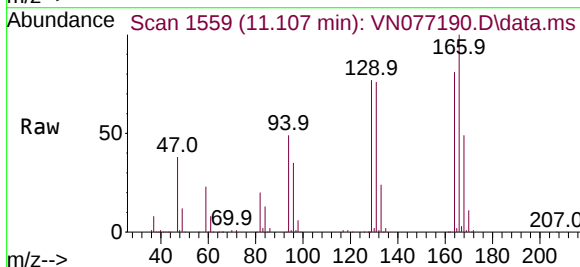
Ion Ratio Lower Upper

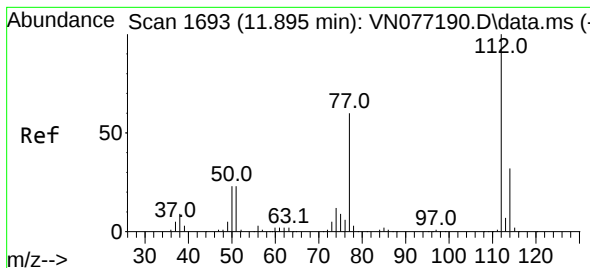
164 100

166 124.2 99.4 149.0

129 95.7 76.6 114.8

131 94.0 75.2 112.8





#65

Chlorobenzene

Concen: 48.079 ug/l

RT: 11.895 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

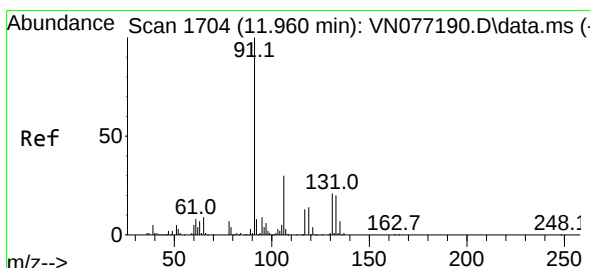
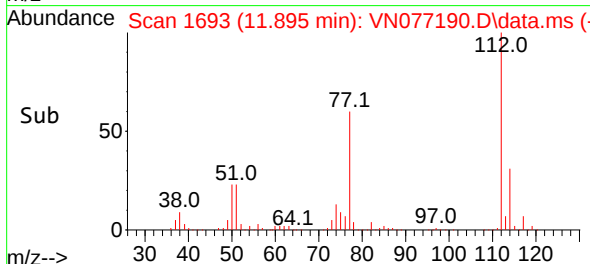
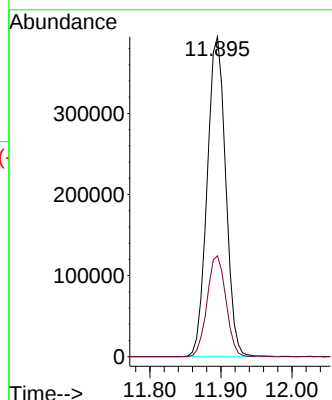
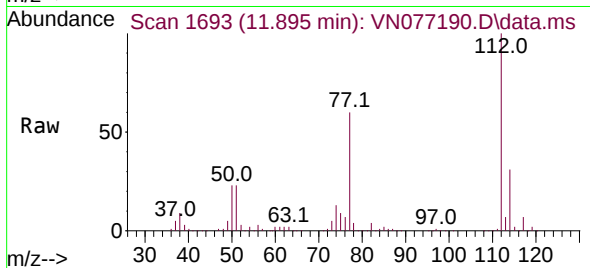
VSTDICCC050

Tgt Ion:112 Resp: 715717

Ion Ratio Lower Upper

112 100

114 31.5 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 48.724 ug/l

RT: 11.960 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

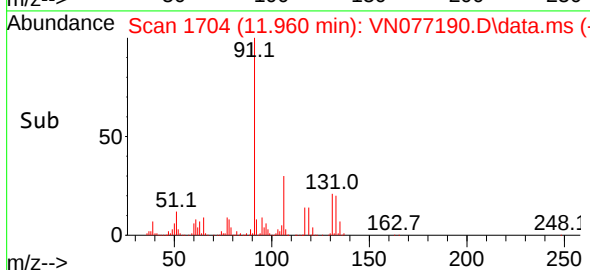
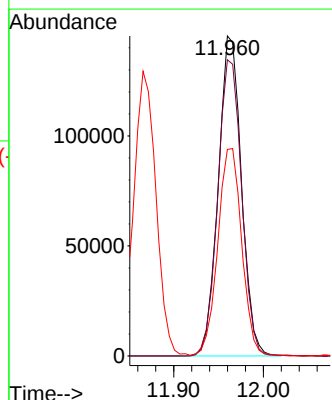
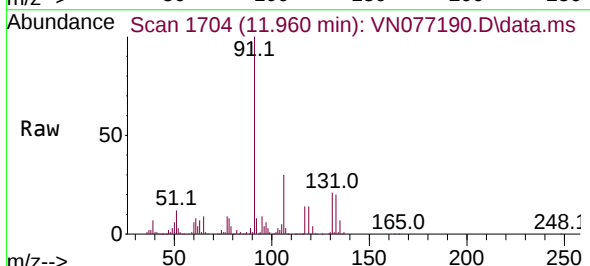
Tgt Ion:131 Resp: 261030

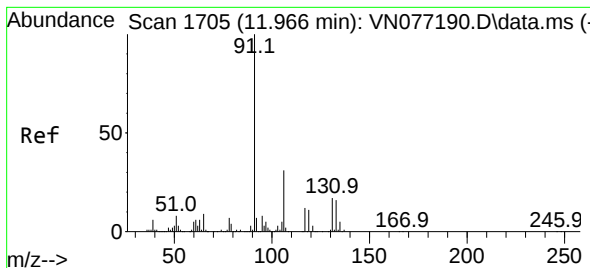
Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.8

119 67.0 33.5 100.5





#67

Ethyl Benzene

Concen: 52.237 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

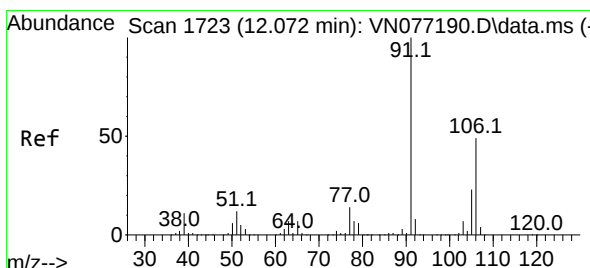
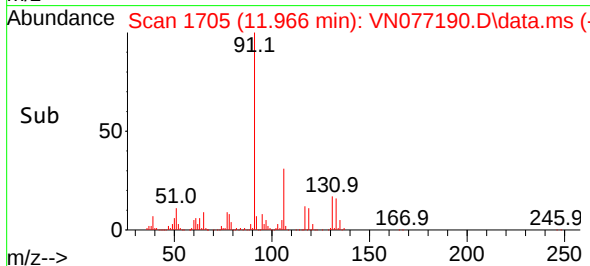
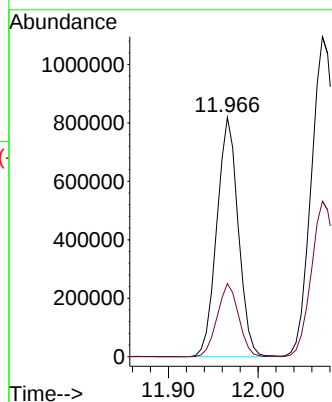
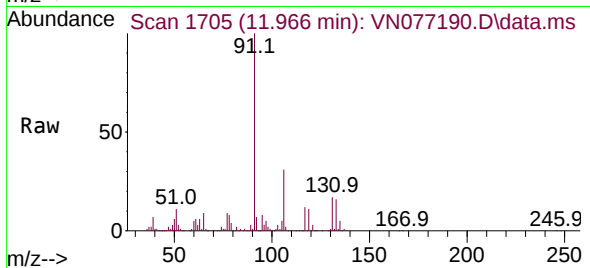
VSTDICCC050

Tgt Ion: 91 Resp: 1356474

Ion Ratio Lower Upper

91 100

106 30.5 24.4 36.6



#68

m/p-Xylenes

Concen: 107.362 ug/l

RT: 12.072 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VN077190.D

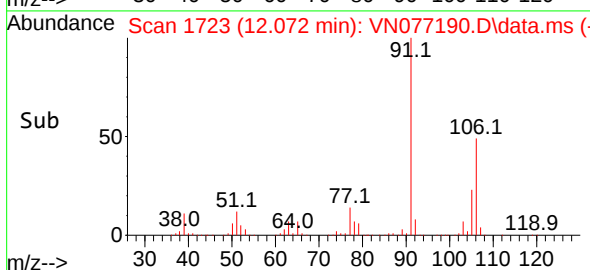
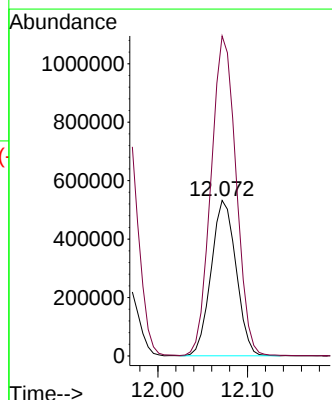
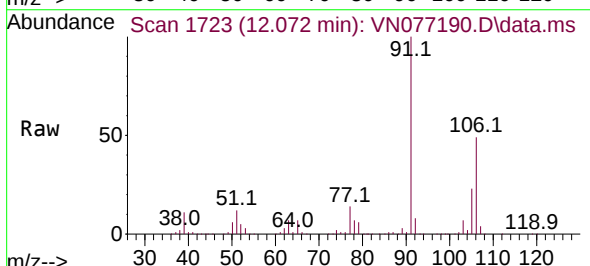
Acq: 24 Mar 2023 22:06

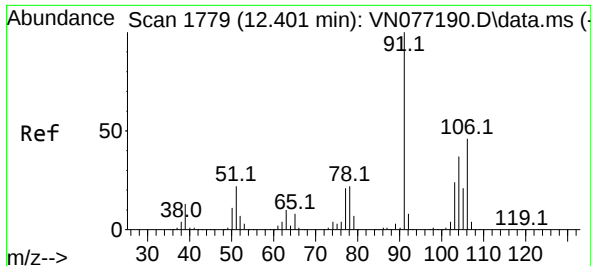
Tgt Ion:106 Resp: 1027428

Ion Ratio Lower Upper

106 100

91 207.3 165.8 248.8

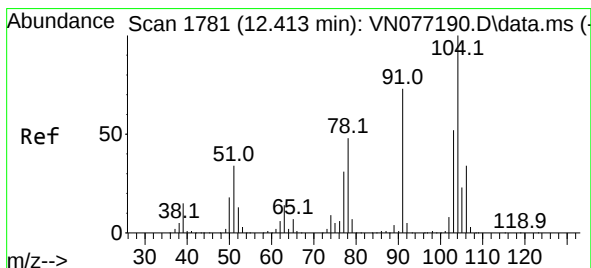
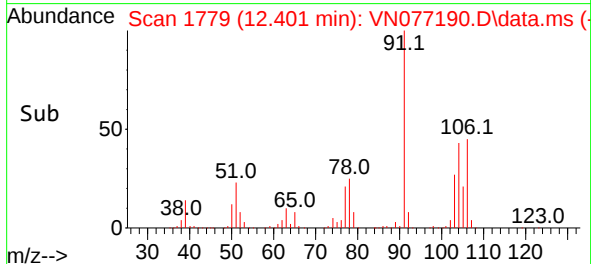
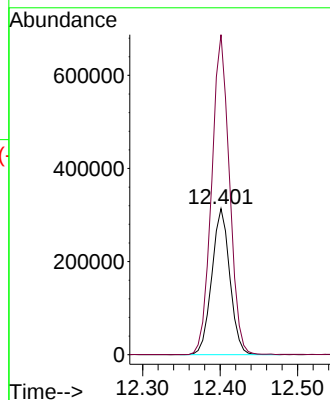
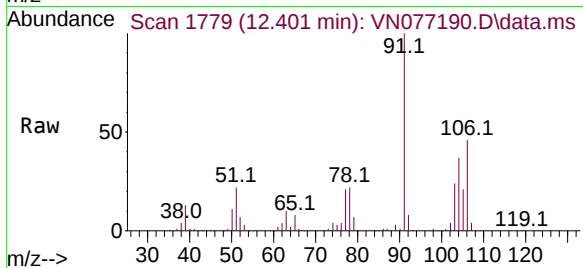




#69
o-Xylene
Concen: 53.666 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

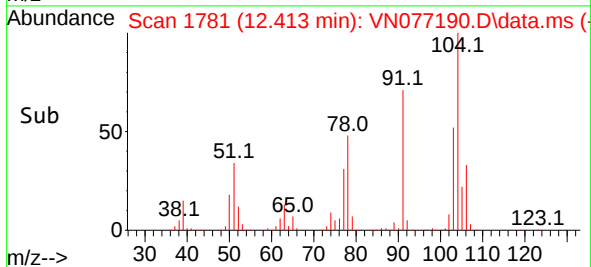
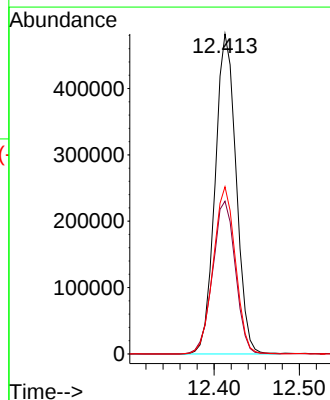
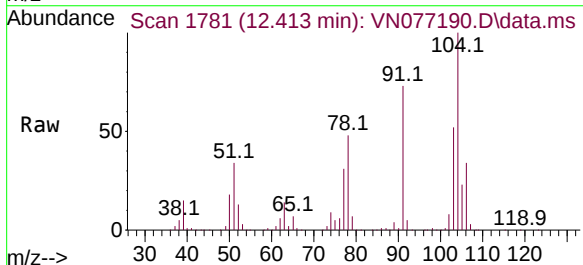
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

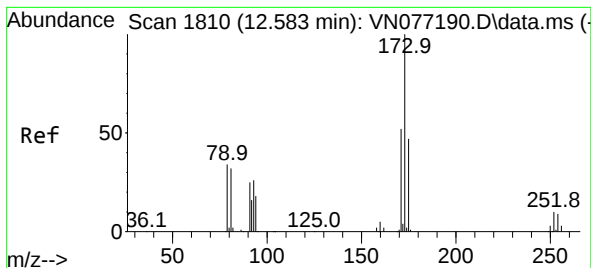
Tgt Ion:106 Resp: 506307
Ion Ratio Lower Upper
106 100
91 217.4 108.7 326.1



#70
Styrene
Concen: 47.529 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion:104 Resp: 827336
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 55.1 44.1 66.1





#71

Bromoform

Concen: 51.047 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

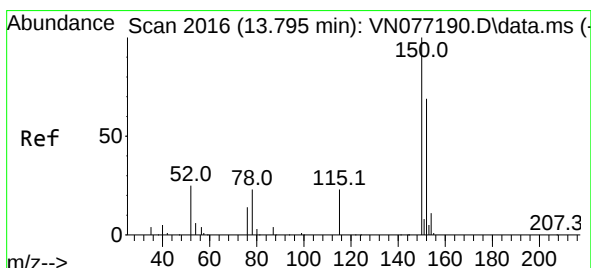
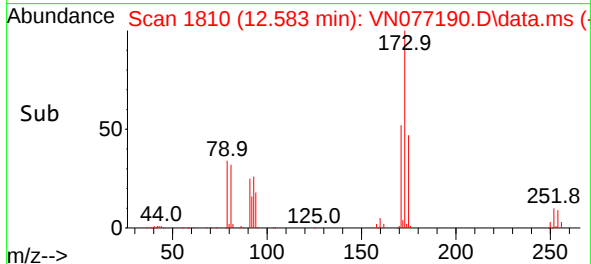
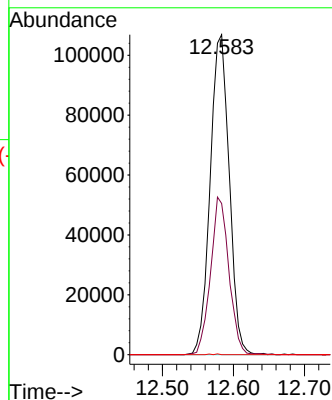
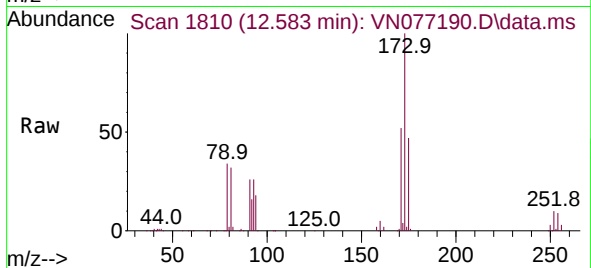
Tgt Ion:173 Resp: 198860

Ion Ratio Lower Upper

173 100

175 47.6 23.8 71.4

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: VN077190.D

Acq: 24 Mar 2023 22:06

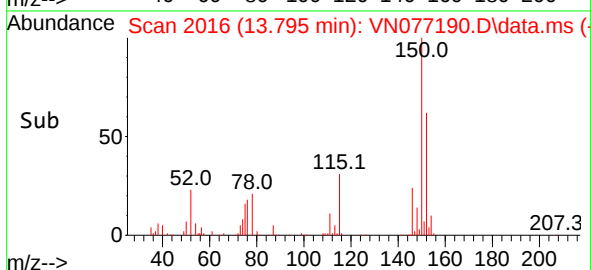
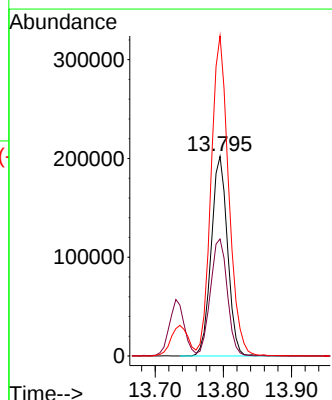
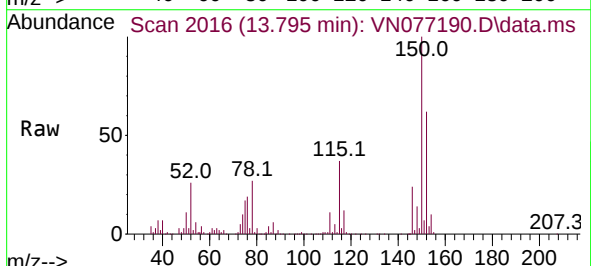
Tgt Ion:152 Resp: 336225

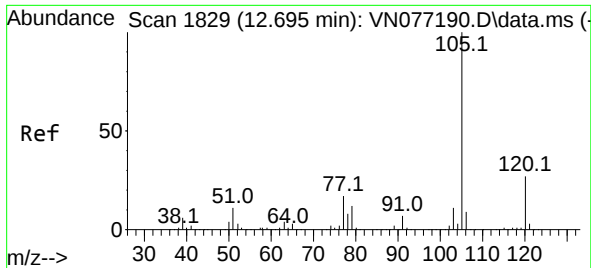
Ion Ratio Lower Upper

152 100

115 60.8 30.4 91.2

150 172.8 0.0 345.6

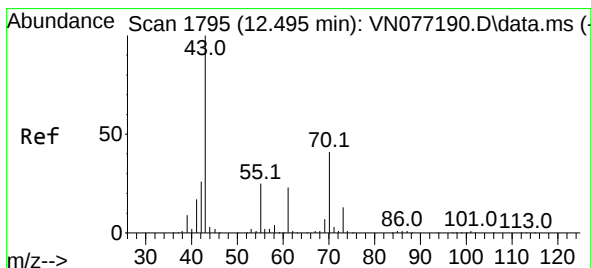
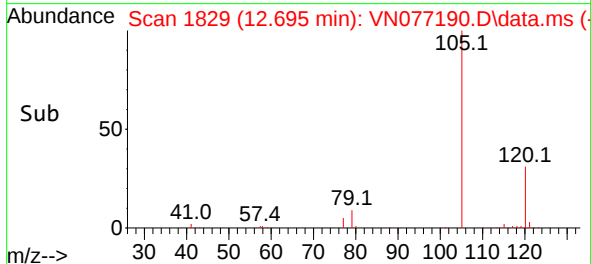
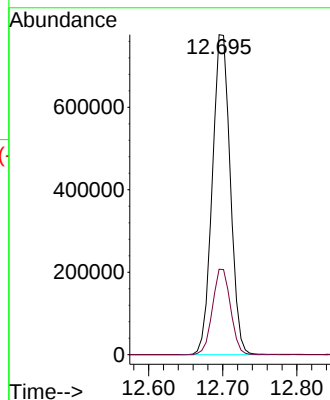
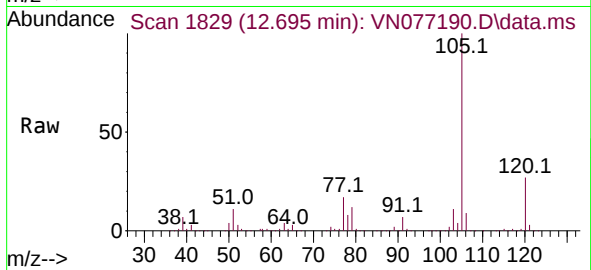




#73
Isopropylbenzene
Concen: 50.048 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

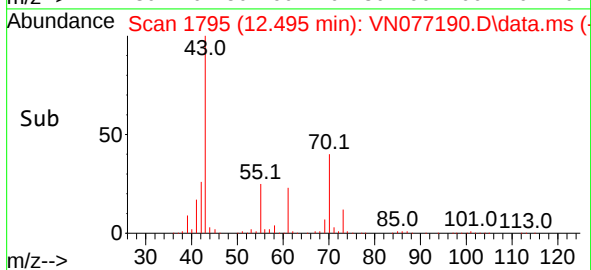
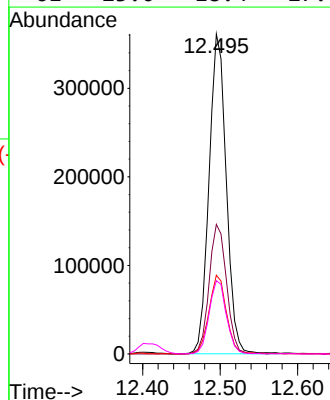
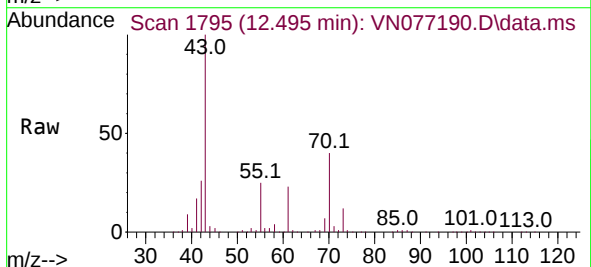
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

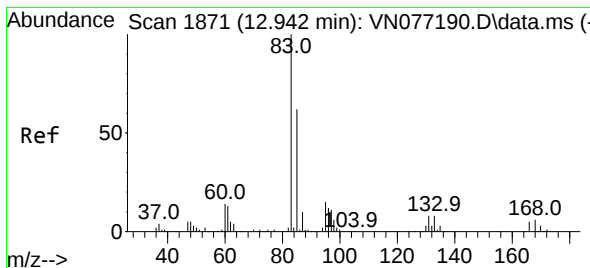
Tgt Ion:105 Resp: 1305090
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 48.978 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 43 Resp: 558077
Ion Ratio Lower Upper
43 100
70 41.0 32.8 49.2
55 25.2 20.2 30.2
61 23.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.480 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

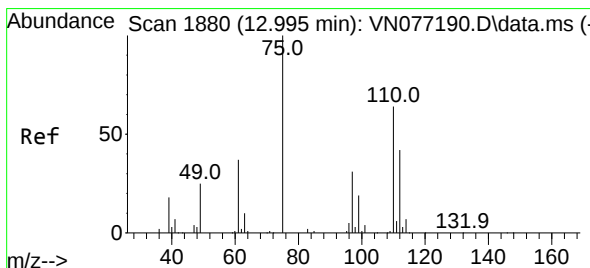
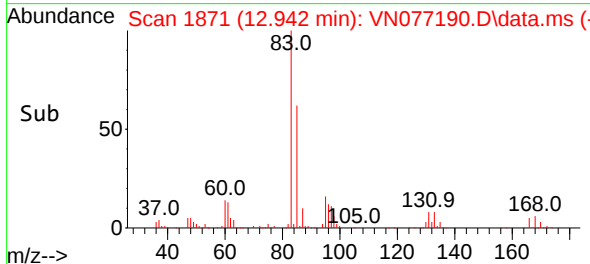
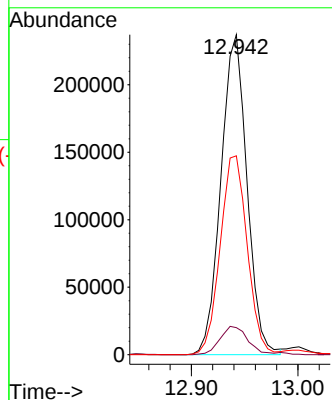
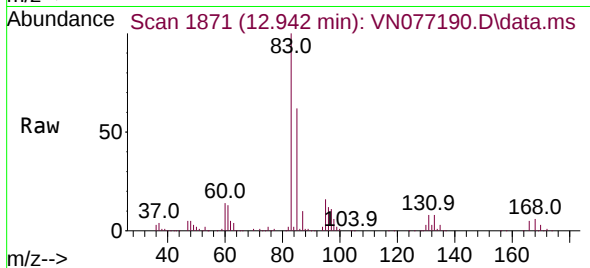
Tgt Ion: 83 Resp: 402700

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 64.6 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 61.607 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN077190.D

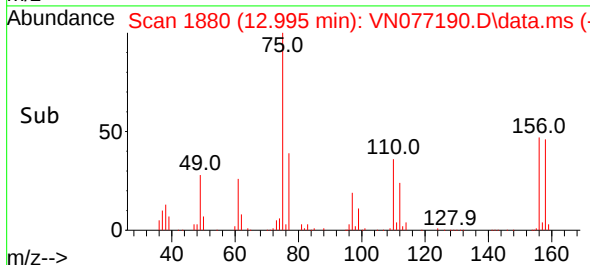
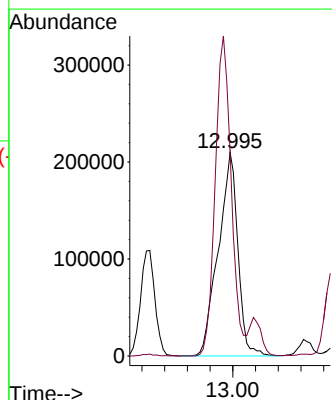
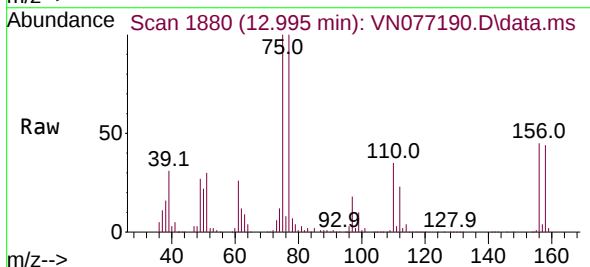
Acq: 24 Mar 2023 22:06

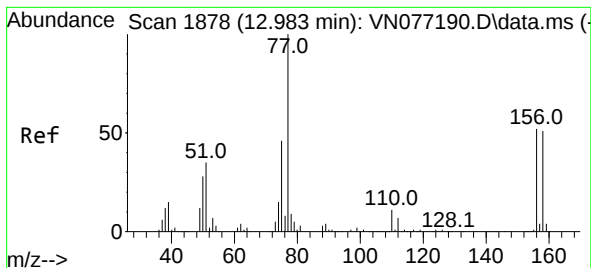
Tgt Ion: 75 Resp: 502489

Ion Ratio Lower Upper

75 100

77 129.4 92.5 277.3





#77

Bromobenzene

Concen: 47.187 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

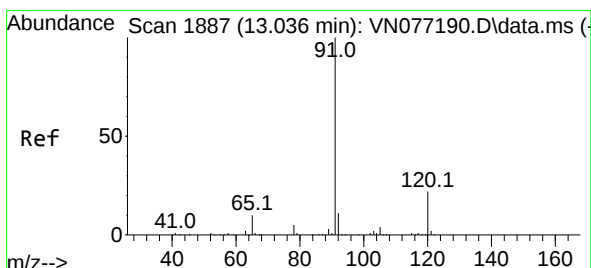
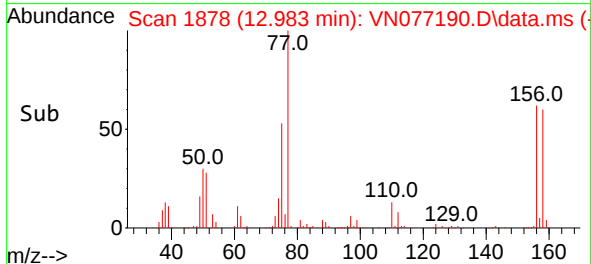
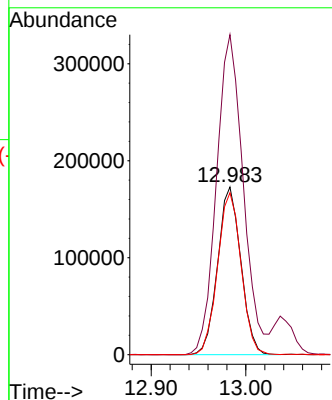
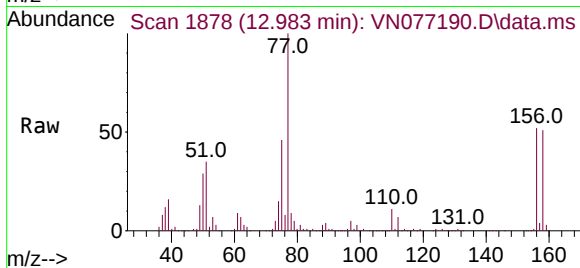
Tgt Ion:156 Resp: 294819

Ion Ratio Lower Upper

156 100

77 220.6 110.3 330.9

158 97.6 48.8 146.4



#78

n-propylbenzene

Concen: 52.606 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077190.D

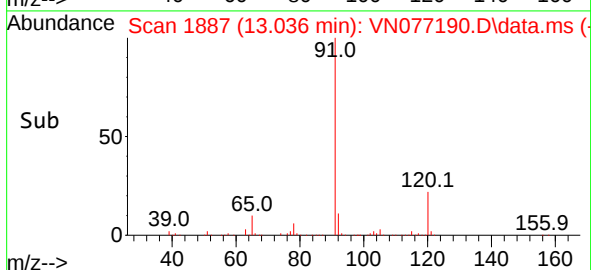
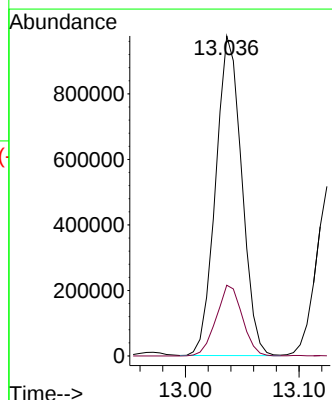
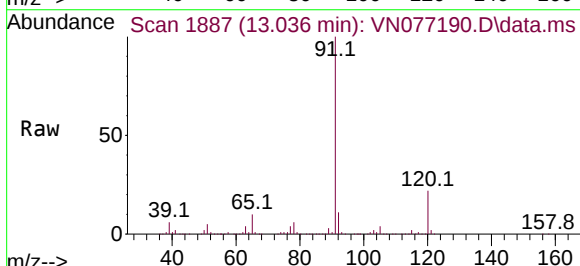
Acq: 24 Mar 2023 22:06

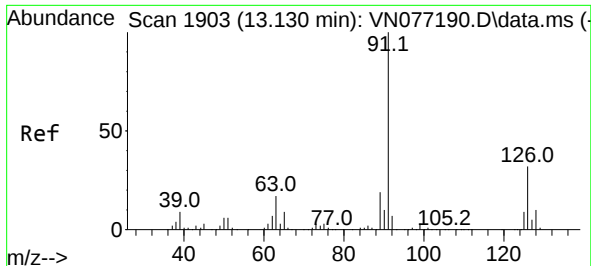
Tgt Ion: 91 Resp: 1555075

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.3

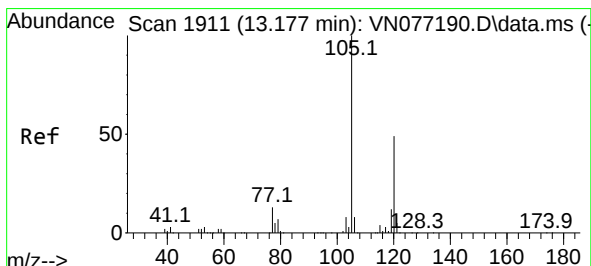
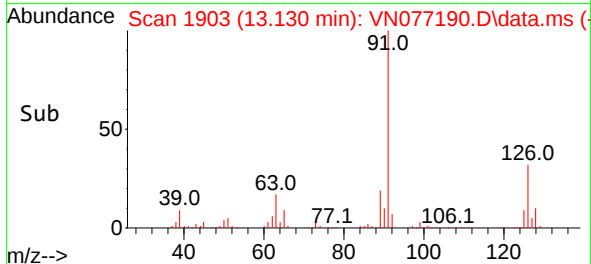
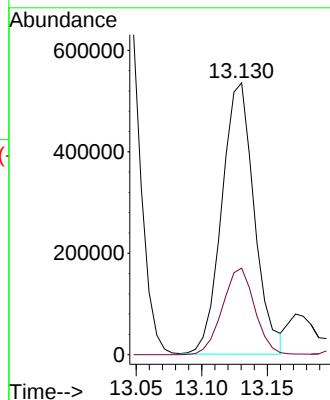
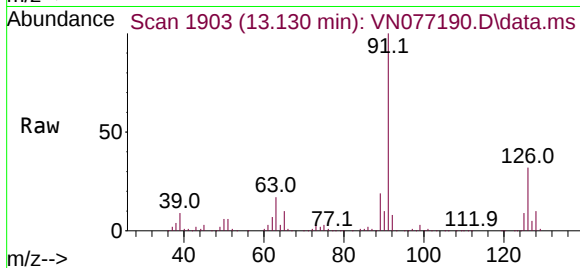




#79
2-Chlorotoluene
Concen: 49.382 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

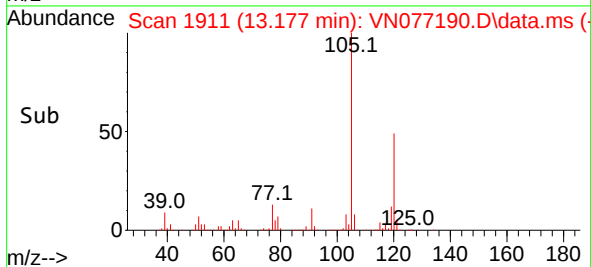
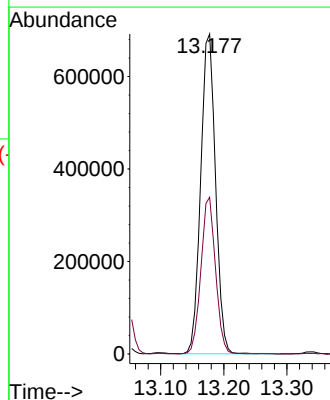
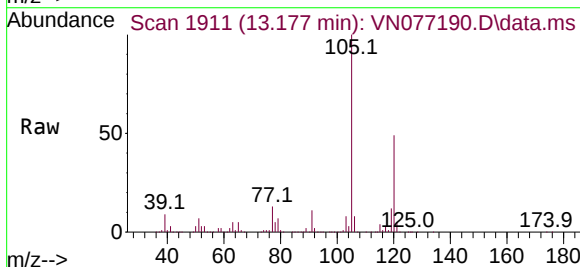
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

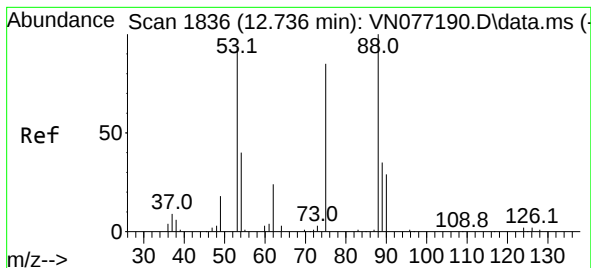
Tgt Ion: 91 Resp: 922100
Ion Ratio Lower Upper
91 100
126 31.8 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 53.480 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion:105 Resp: 1126548
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2

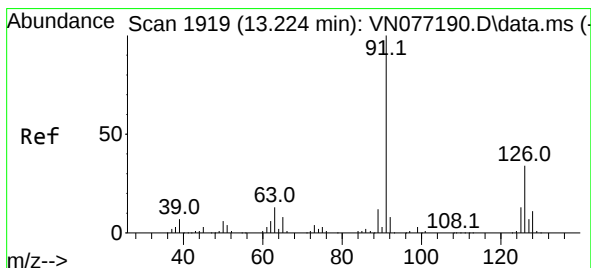
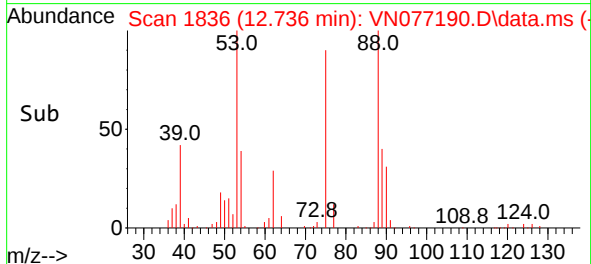
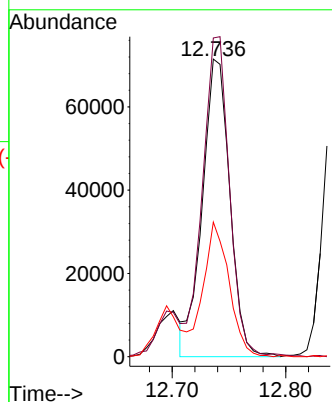
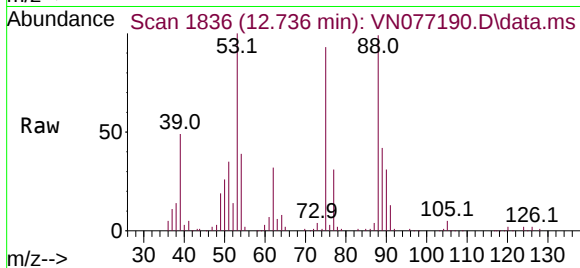




#81
trans-1,4-Dichloro-2-butene
Concen: 49.785 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

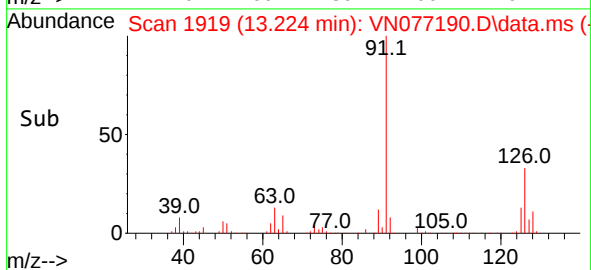
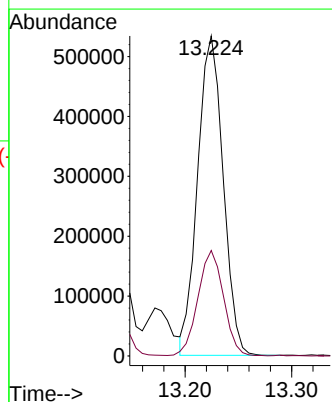
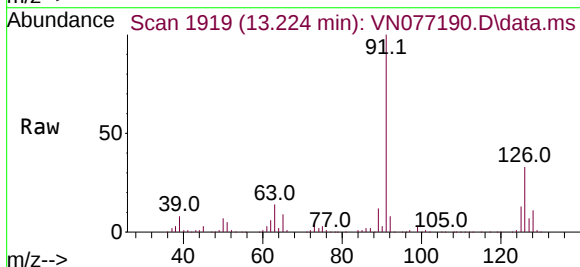
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

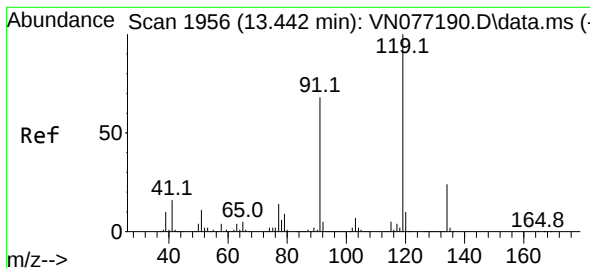
Tgt Ion: 75 Resp: 120410
Ion Ratio Lower Upper
75 100
53 106.0 84.8 127.2
89 42.2 33.8 50.6



#82
4-Chlorotoluene
Concen: 49.303 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 91 Resp: 889207
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7





#83

tert-Butylbenzene

Concen: 51.863 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

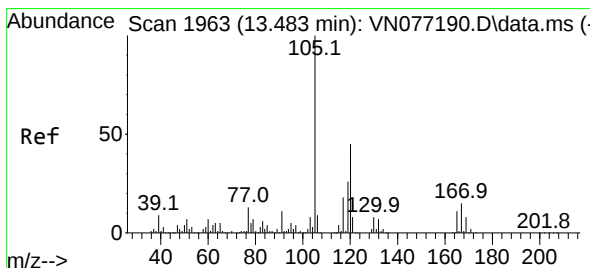
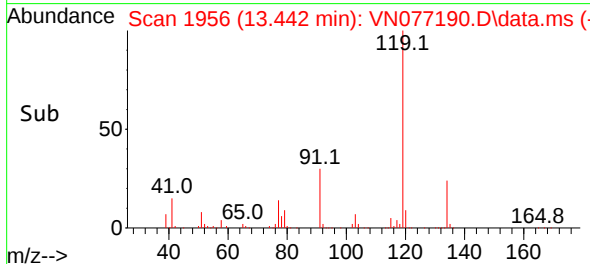
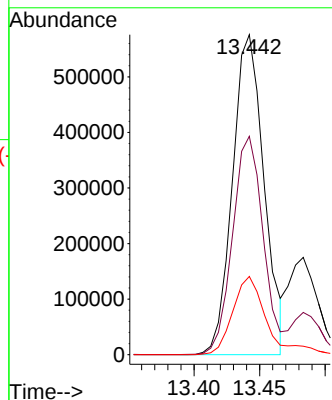
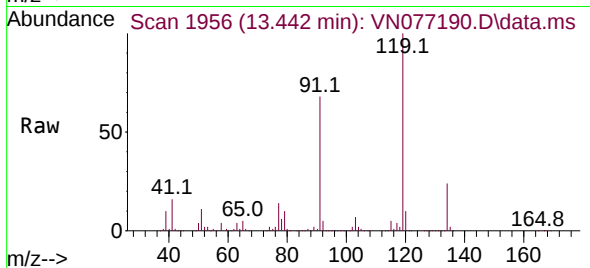
Tgt Ion:119 Resp: 964504

Ion Ratio Lower Upper

119 100

91 66.0 33.0 99.0

134 26.3 13.2 39.5



#84

1,2,4-Trimethylbenzene

Concen: 54.041 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN077190.D

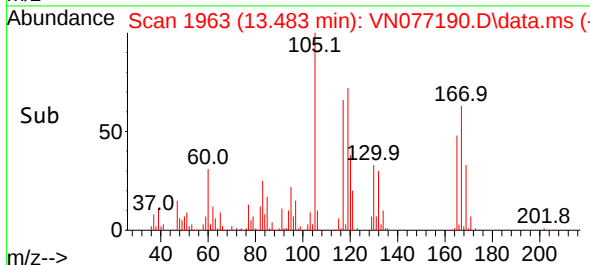
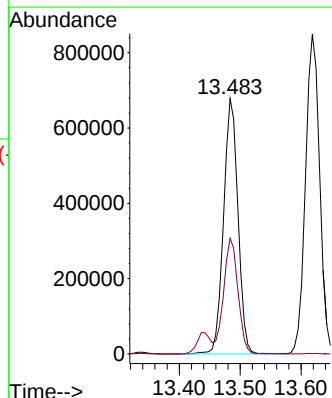
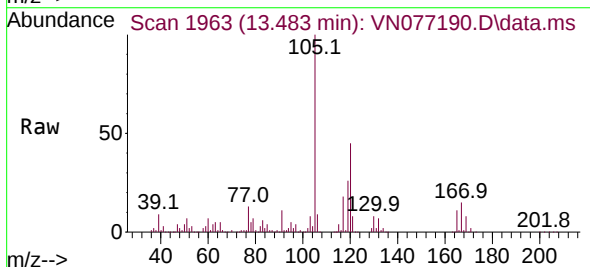
Acq: 24 Mar 2023 22:06

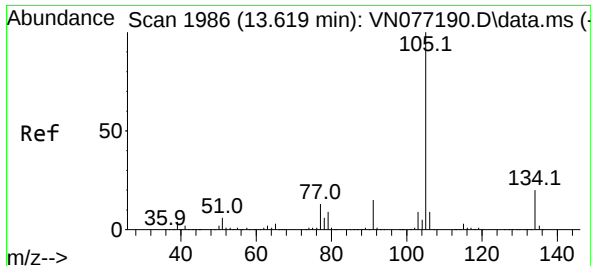
Tgt Ion:105 Resp: 1115555

Ion Ratio Lower Upper

105 100

120 45.2 22.6 67.8

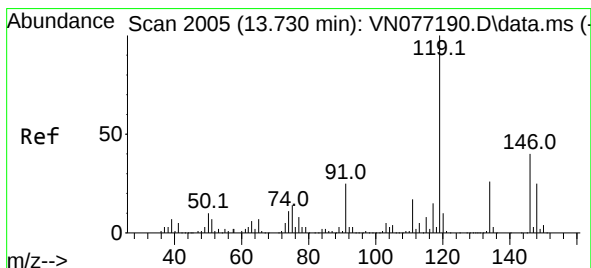
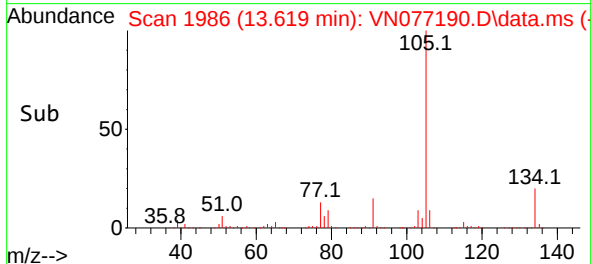
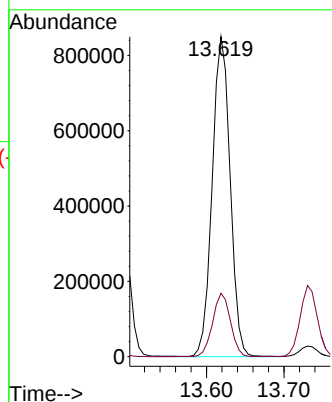
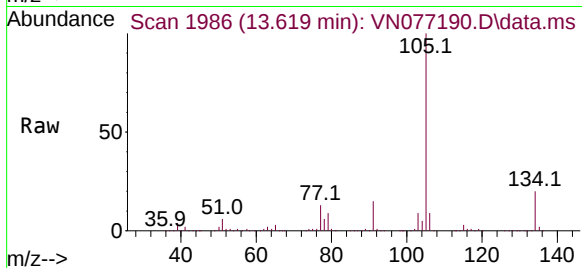




#85
 sec-Butylbenzene
 Concen: 53.620 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077190.D
 Acq: 24 Mar 2023 22:06

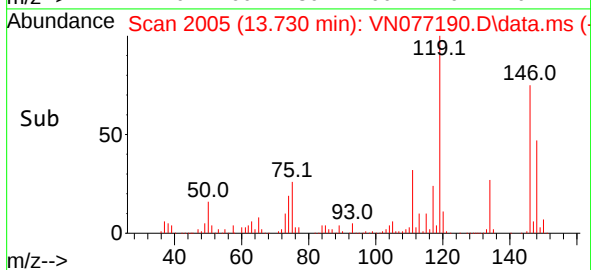
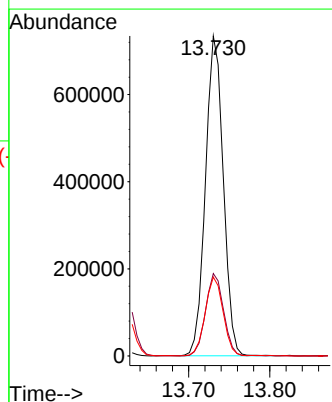
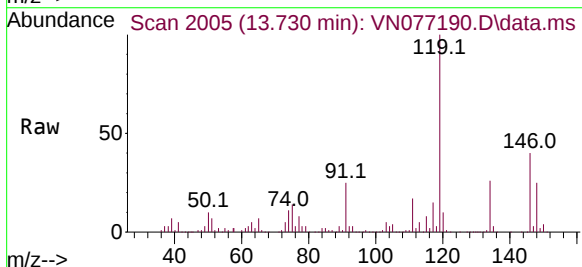
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

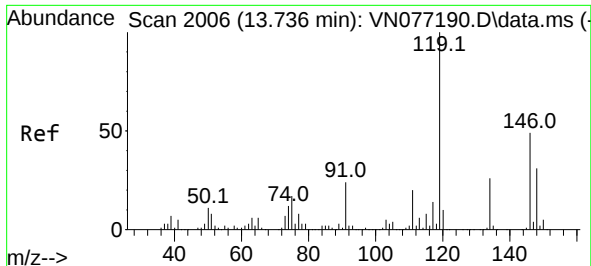
Tgt Ion:105 Resp: 1371259
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 47.637 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077190.D
 Acq: 24 Mar 2023 22:06

Tgt Ion:119 Resp: 1119658
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 24.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 47.408 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

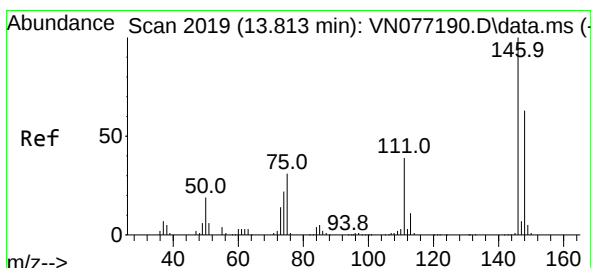
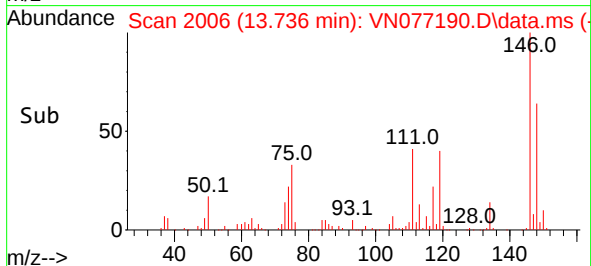
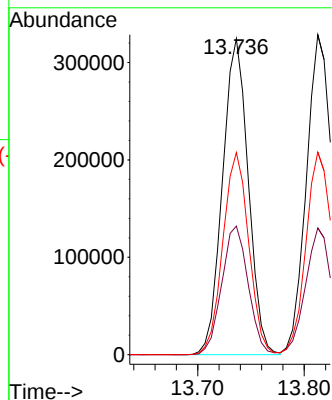
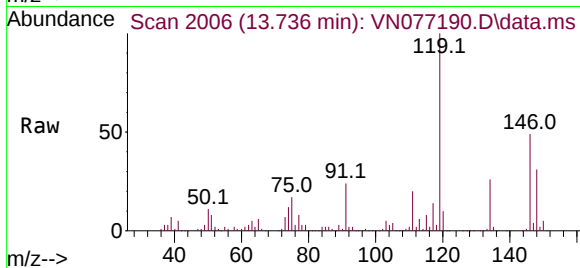
Tgt Ion:146 Resp: 543972

Ion Ratio Lower Upper

146 100

111 41.8 20.9 62.7

148 64.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 47.087 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

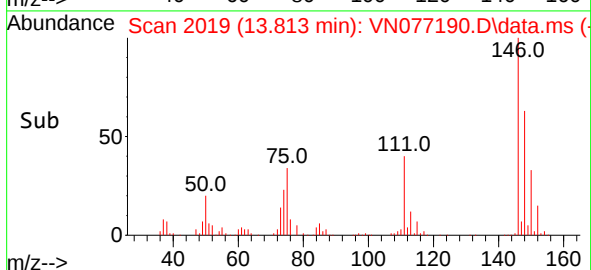
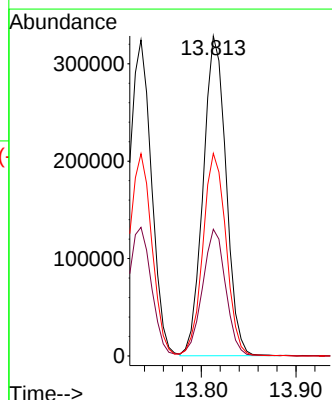
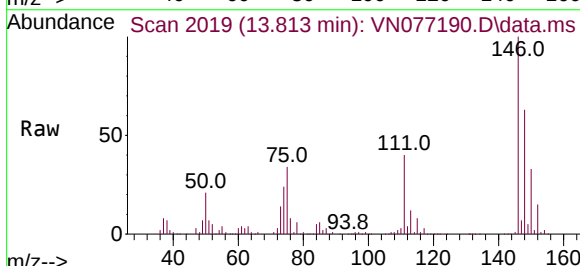
Tgt Ion:146 Resp: 551525

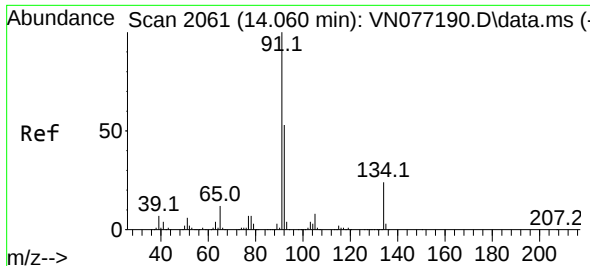
Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.6

148 64.0 32.0 96.0

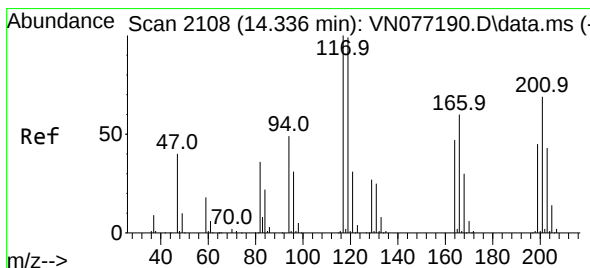
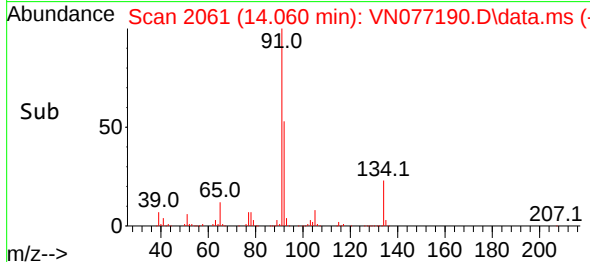
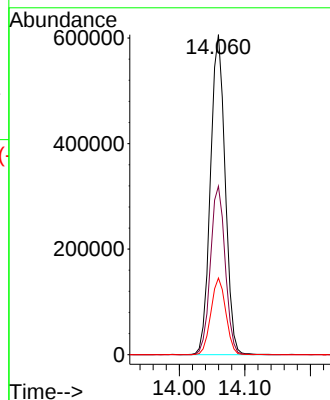
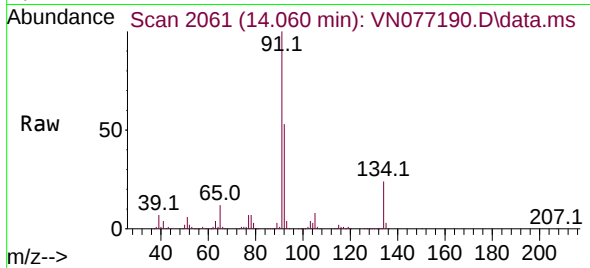




#89
n-Butylbenzene
Concen: 47.041 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

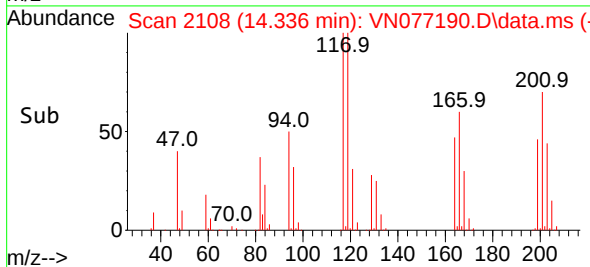
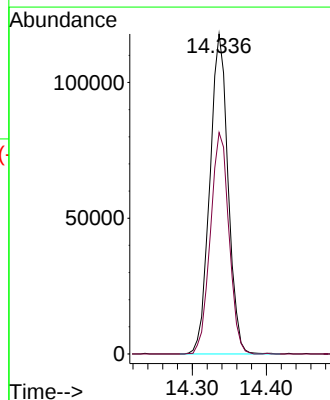
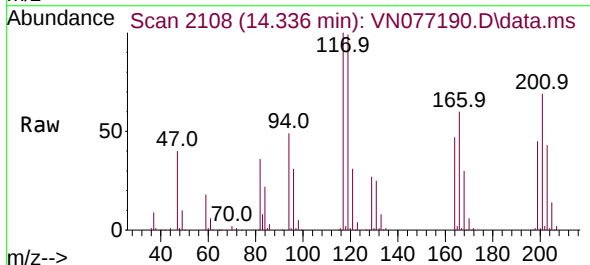
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

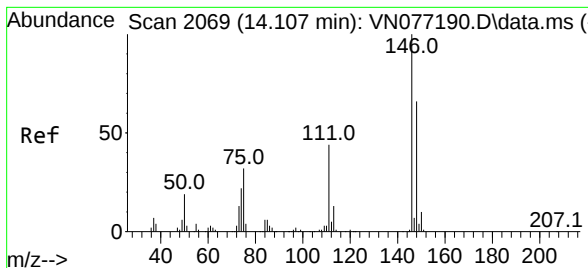
Tgt Ion: 91 Resp: 946685
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 24.2 12.1 36.3



#90
Hexachloroethane
Concen: 49.339 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 117 Resp: 201639
Ion Ratio Lower Upper
117 100
201 70.3 35.1 105.5

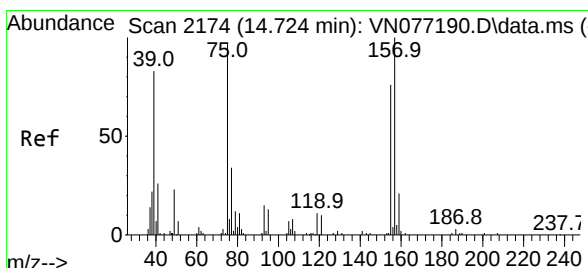
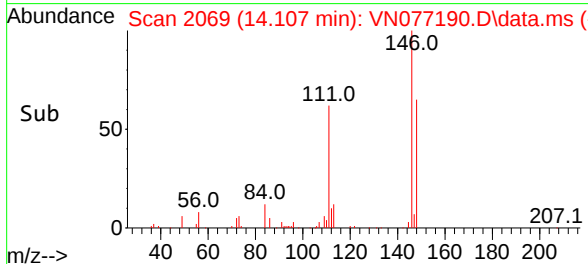
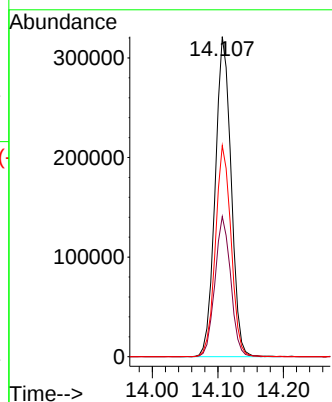
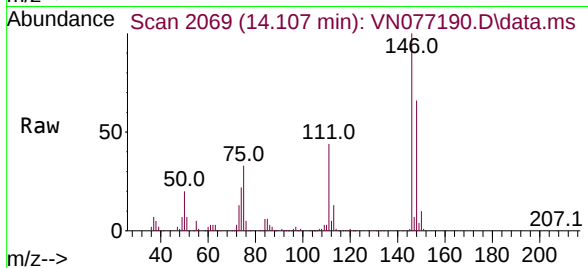




#91
1,2-Dichlorobenzene
Concen: 47.286 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

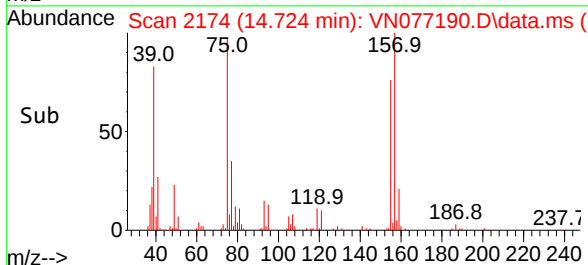
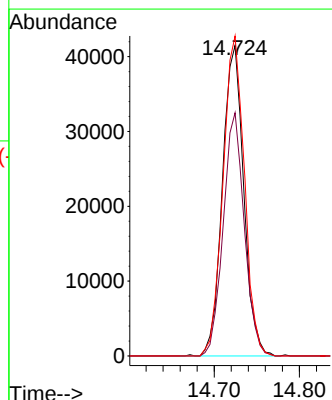
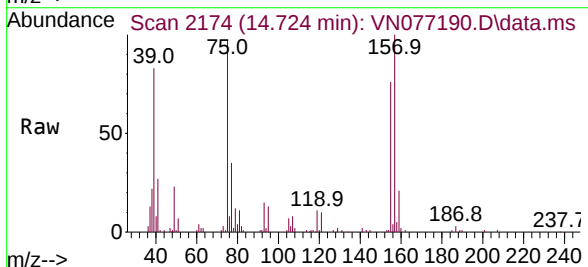
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

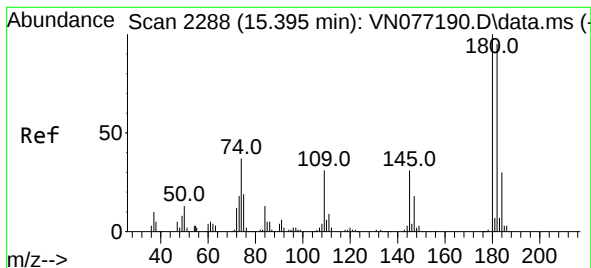
Tgt Ion:146 Resp: 540376
Ion Ratio Lower Upper
146 100
111 43.3 21.6 65.0
148 64.7 32.4 97.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.632 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion: 75 Resp: 71925
Ion Ratio Lower Upper
75 100
155 77.7 38.9 116.6
157 103.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 45.841 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

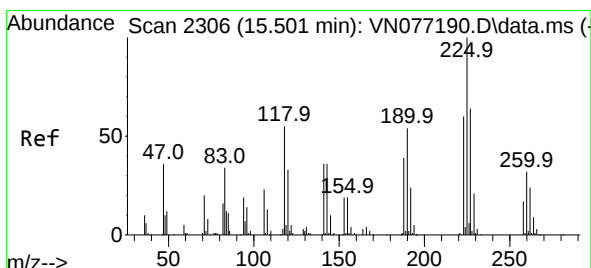
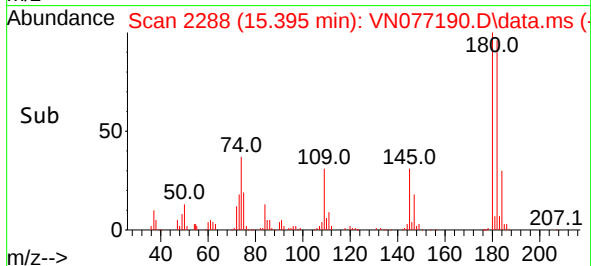
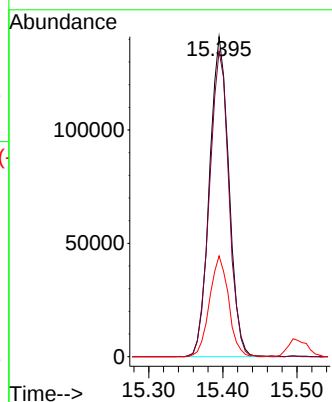
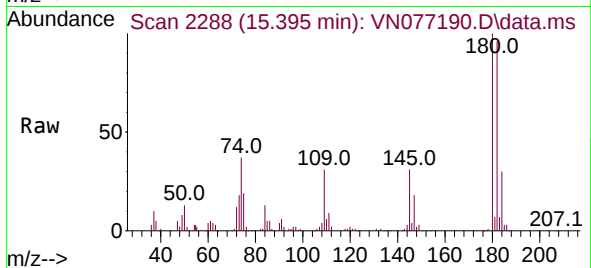
Tgt Ion:180 Resp: 256023

Ion Ratio Lower Upper

180 100

182 95.5 47.8 143.3

145 31.0 15.5 46.5



#94

Hexachlorobutadiene

Concen: 48.795 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. 0.000 min

Lab File: VN077190.D

Acq: 24 Mar 2023 22:06

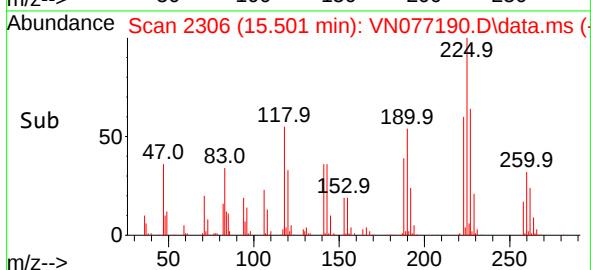
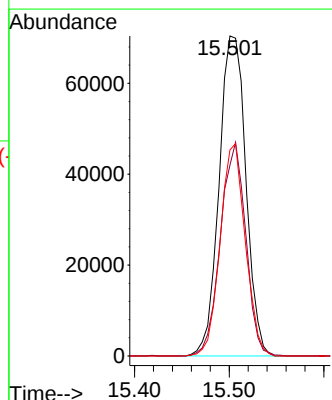
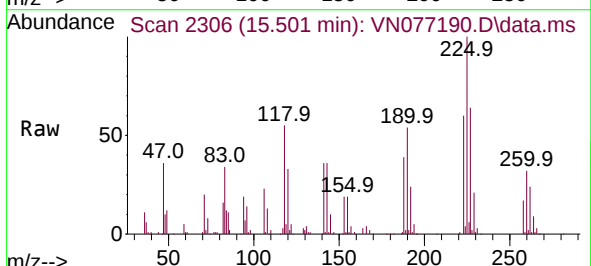
Tgt Ion:225 Resp: 138318

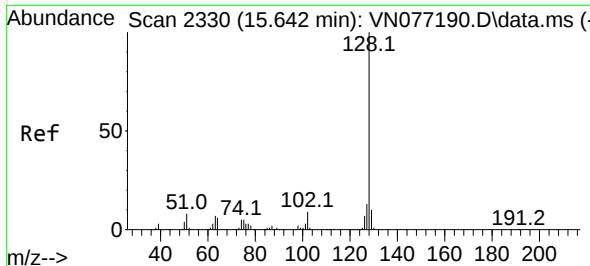
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.3

227 62.1 31.1 93.2

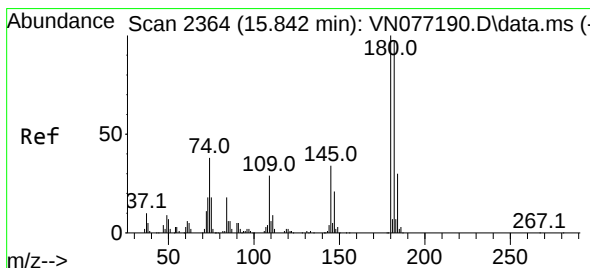
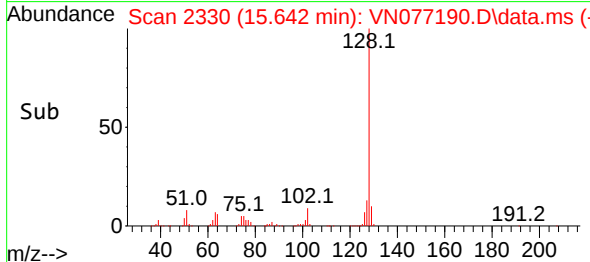
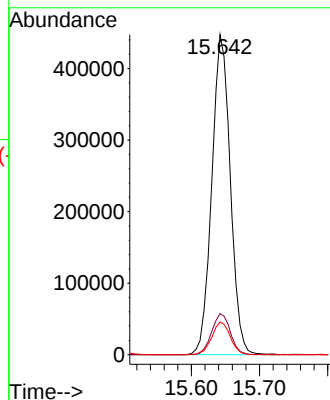
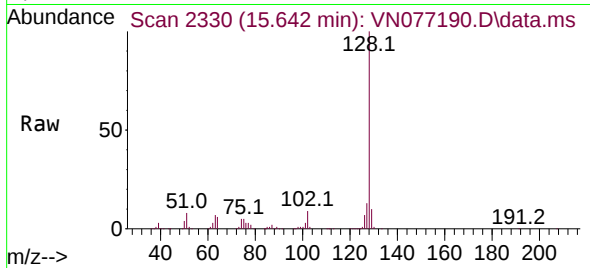




#95
Naphthalene
Concen: 45.109 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 845542
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.2 8.2 12.2



#96
1,2,3-Trichlorobenzene
Concen: 45.731 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077190.D
Acq: 24 Mar 2023 22:06

Tgt Ion:180 Resp: 249213
Ion Ratio Lower Upper
180 100
182 96.5 48.3 144.8
145 33.7 16.9 50.6

