

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077430.D
 Acq On : 24 Apr 2023 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 25 02:02:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	584425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1080560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1007829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.789	152	445297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	417392	54.763	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.520%	
35) Dibromofluoromethane	8.172	113	365303	56.403	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.800%	
50) Toluene-d8	10.566	98	1386234	55.969	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.940%	
62) 4-Bromofluorobenzene	12.848	95	506223	62.356	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 124.720%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.131	85	473678	63.409	ug/l	99
3) Chloromethane	2.372	50	344968	58.886	ug/l	99
4) Vinyl Chloride	2.525	62	473595	60.686	ug/l	100
5) Bromomethane	2.943	94	377999	51.162	ug/l	99
6) Chloroethane	3.119	64	342963	57.845	ug/l	98
7) Trichlorofluoromethane	3.501	101	684902	59.710	ug/l	96
8) Diethyl Ether	3.966	74	252998	60.698	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	404706	60.667	ug/l	99
10) Methyl Iodide	4.595	142	519411	63.882	ug/l	95
11) Tert butyl alcohol	5.531	59	296742	263.603	ug/l	98
12) 1,1-Dichloroethene	4.348	96	383010	58.415	ug/l	94
13) Acrolein	4.184	56	310561	257.407	ug/l	95
14) Allyl chloride	5.031	41	458777	63.270	ug/l	96
15) Acrylonitrile	5.725	53	786738	283.276	ug/l	100
16) Acetone	4.431	43	697011	287.290	ug/l	95
17) Carbon Disulfide	4.719	76	1031008	62.212	ug/l	99
18) Methyl Acetate	5.031	43	512429	54.693	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	1308795	60.341	ug/l	99
20) Methylene Chloride	5.284	84	436671	56.754	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	429457	60.895	ug/l	96
22) Diisopropyl ether	6.678	45	1007963	60.568	ug/l	97
23) Vinyl Acetate	6.607	43	3142542	302.368	ug/l	98
24) 1,1-Dichloroethane	6.578	63	713688	60.585	ug/l	99
25) 2-Butanone	7.483	43	956372	277.925	ug/l	94
26) 2,2-Dichloropropane	7.495	77	715425	62.634	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	501103	59.995	ug/l	100
28) Bromochloromethane	7.813	49	263229	58.515	ug/l	99
29) Tetrahydrofuran	7.842	42	590511	273.887	ug/l	99
30) Chloroform	7.972	83	796227	59.976	ug/l	97
31) Cyclohexane	8.260	56	615338	48.345	ug/l	94
32) 1,1,1-Trichloroethane	8.172	97	755277	61.881	ug/l	100
36) 1,1-Dichloropropene	8.372	75	596058	63.526	ug/l	99
37) Ethyl Acetate	7.566	43	390636	54.788	ug/l	100
38) Carbon Tetrachloride	8.366	117	653505	63.126	ug/l	98
39) Methylcyclohexane	9.607	83	807542	65.324	ug/l	96
40) Benzene	8.607	78	1756730	61.459	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	204346	55.028	ug/l	93
42) 1,2-Dichloroethane	8.672	62	597846	60.896	ug/l	100
43) Isopropyl Acetate	8.689	43	734913	59.581	ug/l	100
44) Trichloroethene	9.354	130	458580	62.659	ug/l	97
45) 1,2-Dichloropropane	9.624	63	413826	61.805	ug/l	95
46) Dibromomethane	9.713	93	322322	59.327	ug/l	98
47) Bromodichloromethane	9.889	83	649569	61.810	ug/l	94
48) Methyl methacrylate	9.683	41	327486	58.327	ug/l	98
49) 1,4-Dioxane	9.701	88	141520	1004.866	ug/l	100
51) 4-Methyl-2-Pentanone	10.448	43	2053492	283.832	ug/l	100
52) Toluene	10.630	92	1202788	64.233	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	711659	66.877	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	762726	65.849	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	468696	62.244	ug/l	98
56) Ethyl methacrylate	10.877	69	661022	62.649	ug/l	99
57) 1,3-Dichloropropane	11.166	76	749071	62.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	970379	271.906	ug/l	100
59) 2-Hexanone	11.195	43	1527661	290.487	ug/l	99
60) Dibromochloromethane	11.360	129	505377	64.669	ug/l	100
61) 1,2-Dibromoethane	11.471	107	468813	60.983	ug/l	98
64) Tetrachloroethene	11.107	164	360752	59.797	ug/l	98
65) Chlorobenzene	11.895	112	1282648	60.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	461458	59.473	ug/l	98
67) Ethyl Benzene	11.966	91	2316772	61.710	ug/l	99
68) m/p-Xylenes	12.071	106	1809681	124.026	ug/l	99
69) o-Xylene	12.401	106	878386	61.203	ug/l	97
70) Styrene	12.413	104	1450781	64.638	ug/l	99
71) Bromoform	12.577	173	319025	62.846	ug/l #	99
73) Isopropylbenzene	12.695	105	2342463	56.689	ug/l	100
74) N-amyl acetate	12.495	43	650613	53.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	640572	49.338	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	804031	75.989	ug/l	72
77) Bromobenzene	12.983	156	478030	53.081	ug/l	98
78) n-propylbenzene	13.036	91	2680919	58.677	ug/l	99
79) 2-Chlorotoluene	13.124	91	1570853	55.764	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	1959167	63.844	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	214901	60.289	ug/l	98
82) 4-Chlorotoluene	13.224	91	1547440	58.787	ug/l	100
83) tert-Butylbenzene	13.442	119	1666361	55.917	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1922659	67.088	ug/l	100
85) sec-Butylbenzene	13.618	105	2454810	60.014	ug/l	100
86) p-Isopropyltoluene	13.730	119	1990292	63.240	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	929174	58.015	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	918790	58.148	ug/l	99
89) n-Butylbenzene	14.060	91	1739361	71.414	ug/l	99
90) Hexachloroethane	14.336	117	399902	57.515	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	903612	56.884	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	121397	50.563	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	335436	60.582	ug/l	99
94) Hexachlorobutadiene	15.465	225	196069	61.081	ug/l	97
95) Naphthalene	15.589	128	1233921	58.997	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	301216	58.844	ug/l	96

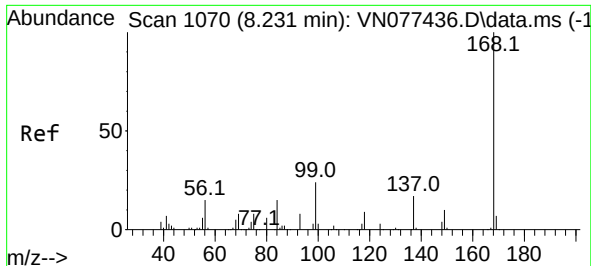
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Quant Title : SW846 8260
QLast Update : Tue Apr 25 01:54:53 2023
Response via : Initial Calibration

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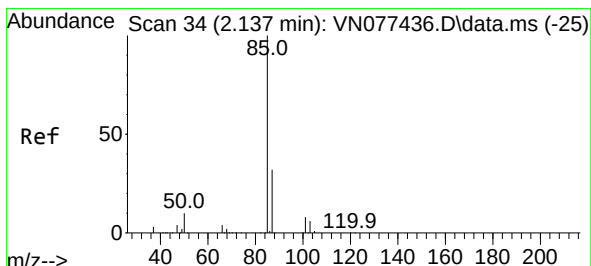
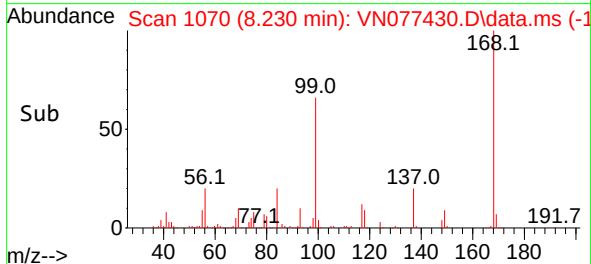
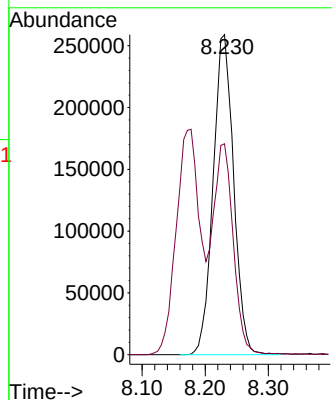
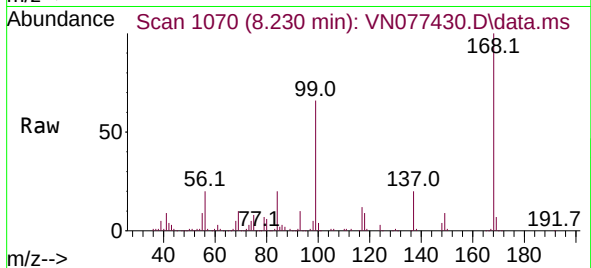
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
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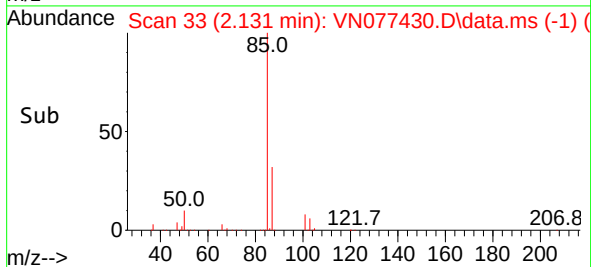
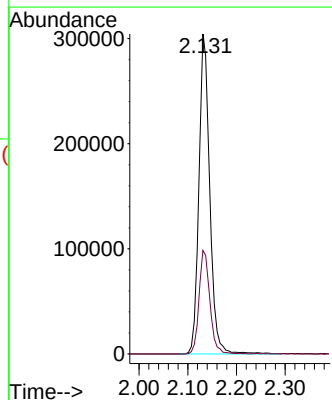
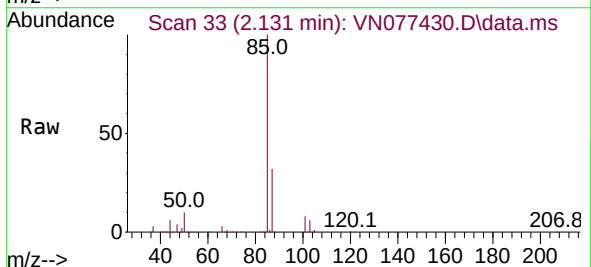
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VSTDCCC050

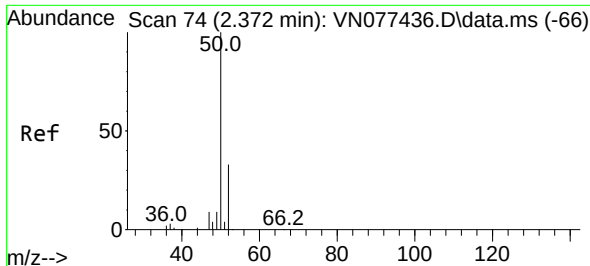
Tgt Ion:168 Resp: 584425
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 63.409 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 85 Resp: 473678
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4

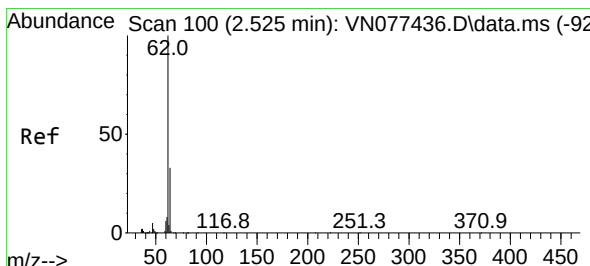
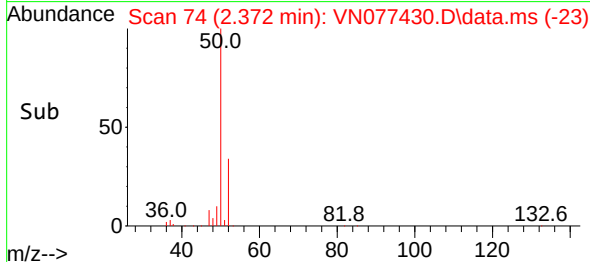
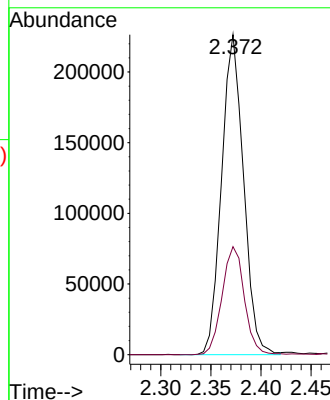
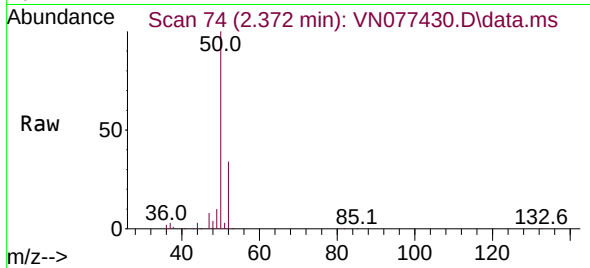




#3
Chloromethane
Concen: 58.886 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

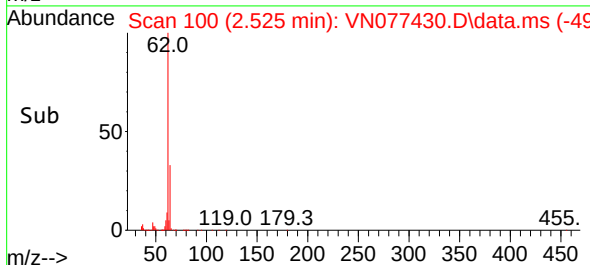
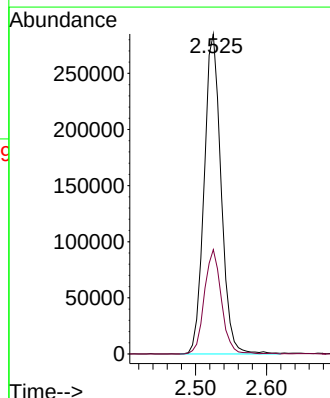
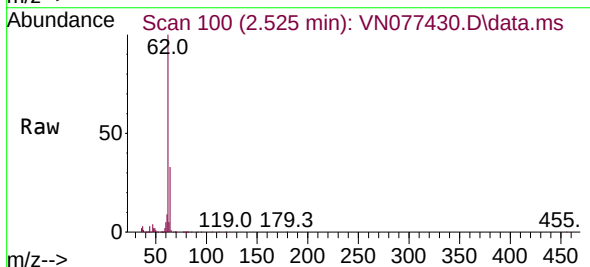
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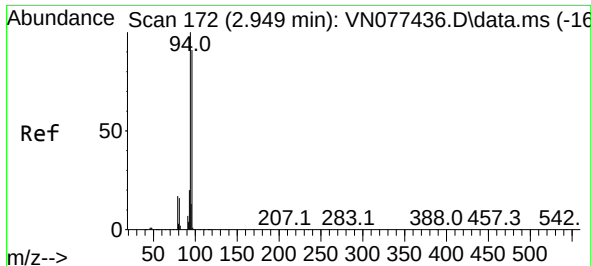
Tgt Ion: 50 Resp: 344968
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7



#4
Vinyl Chloride
Concen: 60.686 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077430.D
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Tgt Ion: 62 Resp: 473595
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2

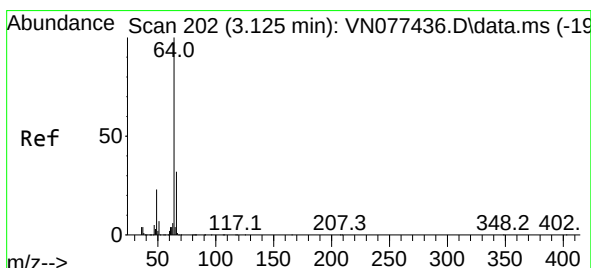
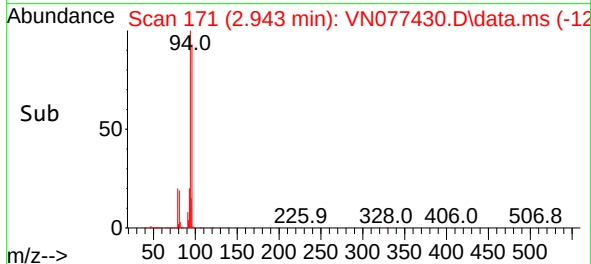
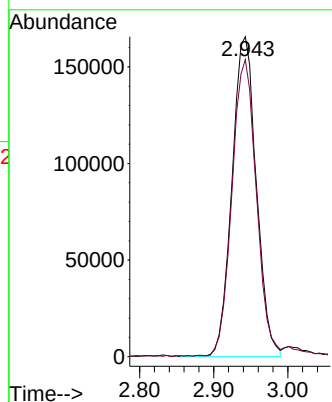
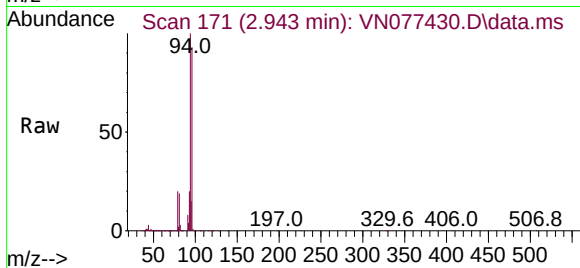




#5
Bromomethane
Concen: 51.162 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077430.D
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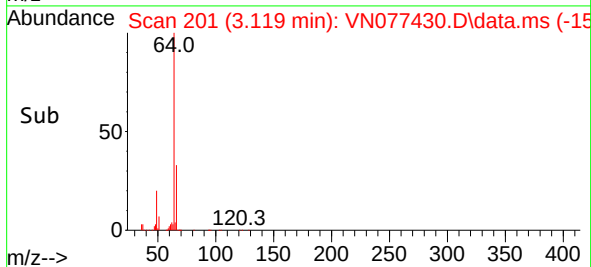
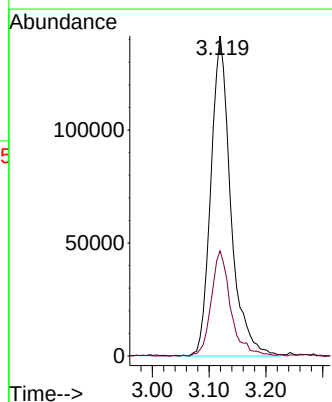
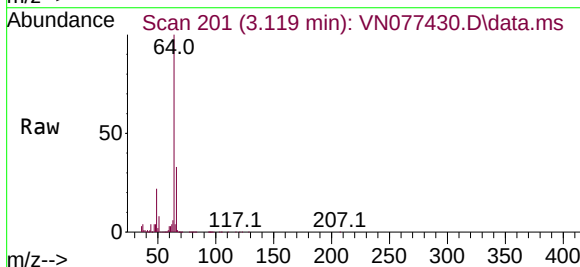
Instrument :
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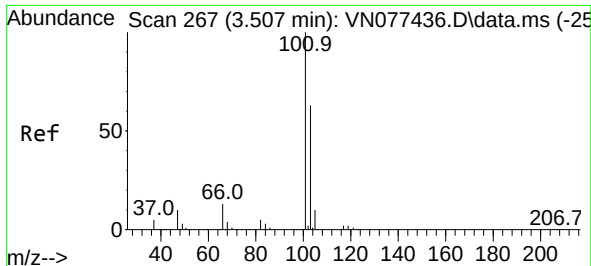
Tgt Ion: 94 Resp: 377999
Ion Ratio Lower Upper
94 100
96 92.5 73.1 109.7



#6
Chloroethane
Concen: 57.845 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 64 Resp: 342963
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.2

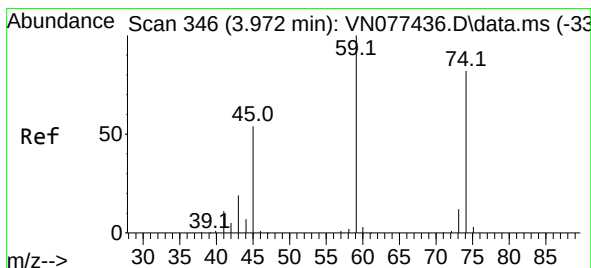
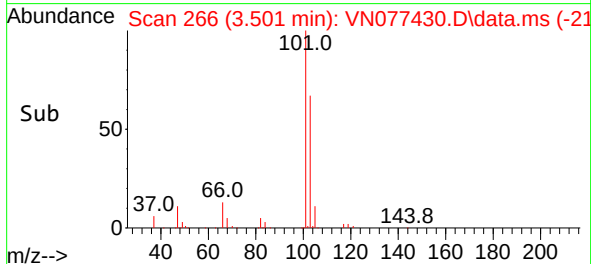
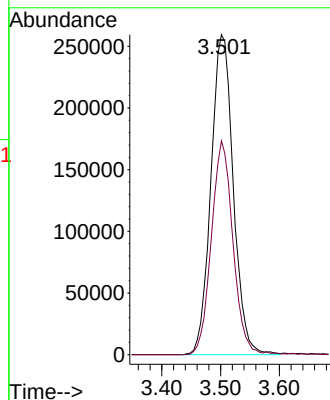
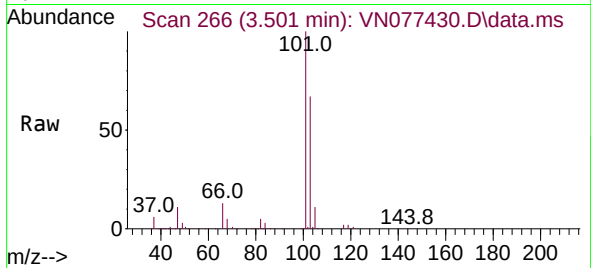




#7
 Trichlorofluoromethane
 Concen: 59.710 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN077430.D
 Acq: 24 Apr 2023 10:10

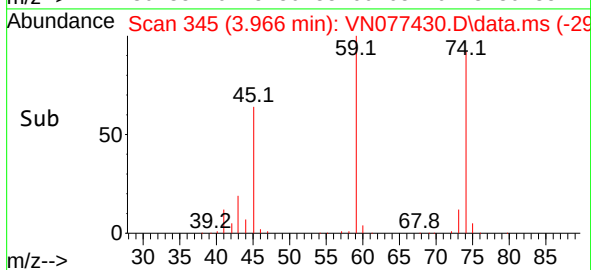
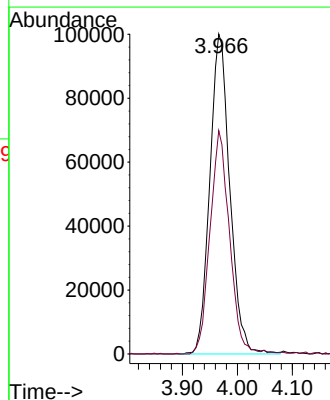
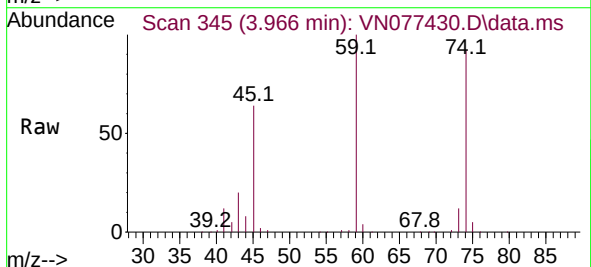
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 ClientSampleId :
 VSTDCCC050

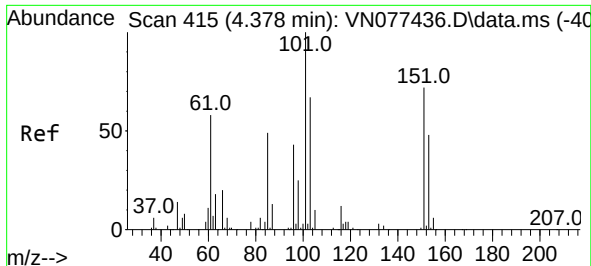
Tgt Ion:101 Resp: 684902
 Ion Ratio Lower Upper
 101 100
 103 66.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 60.698 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
 Lab File: VN077430.D
 Acq: 24 Apr 2023 10:10

Tgt Ion: 74 Resp: 252998
 Ion Ratio Lower Upper
 74 100
 45 68.1 34.4 103.3

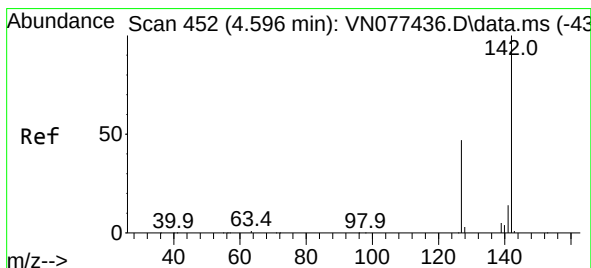
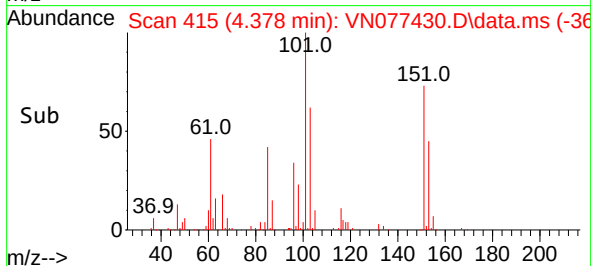
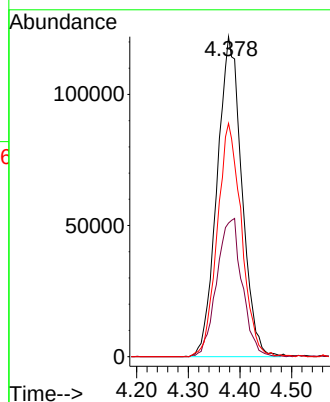
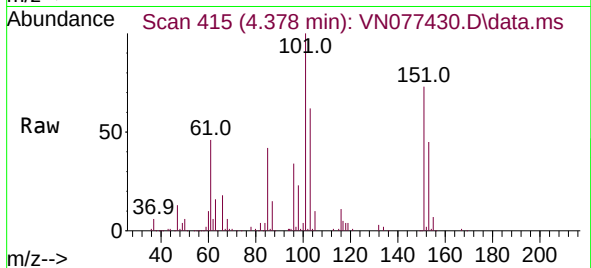




#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.667 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077430.D
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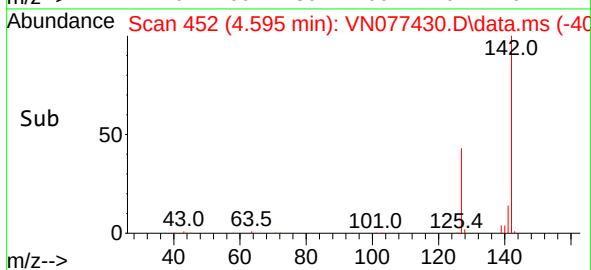
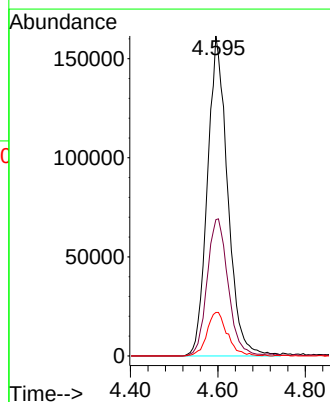
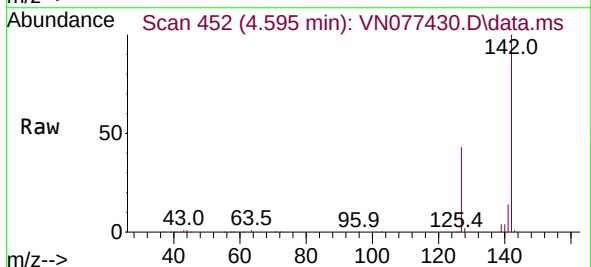
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

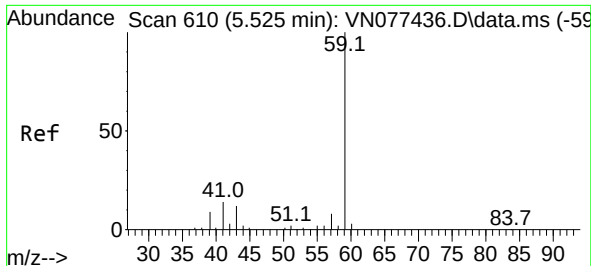
Tgt Ion:101 Resp: 404706
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 71.3 57.6 86.4



#10
Methyl Iodide
Concen: 63.882 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion:142 Resp: 519411
Ion Ratio Lower Upper
142 100
127 42.6 37.6 56.4
141 13.6 11.4 17.0

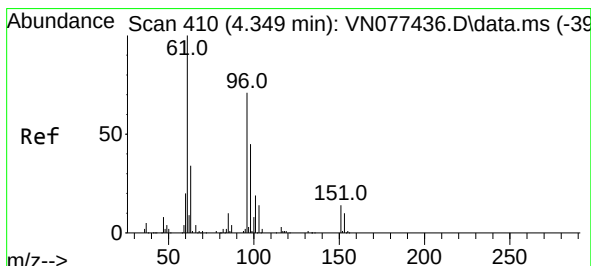
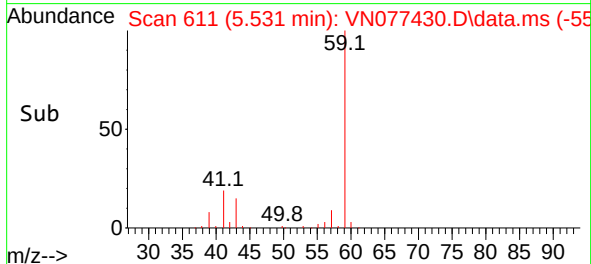
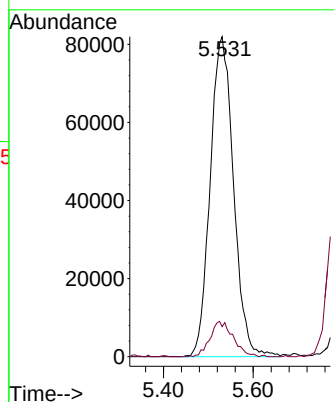
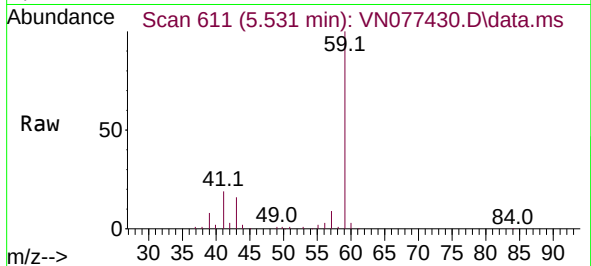




#11
Tert butyl alcohol
Concen: 263.603 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

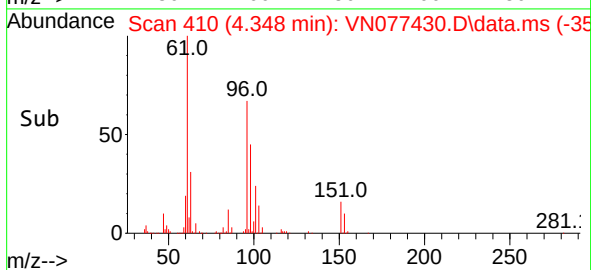
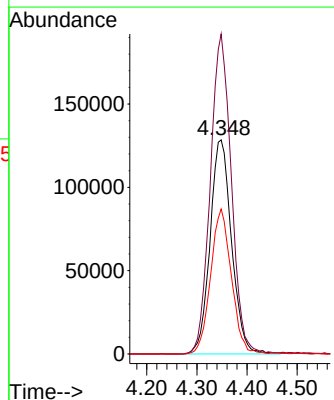
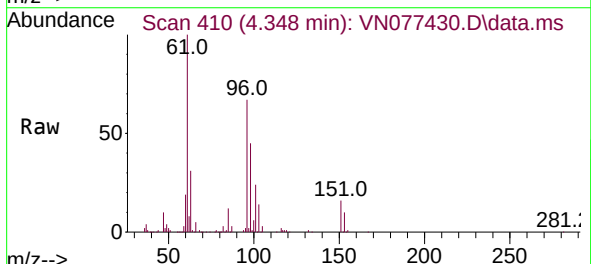
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

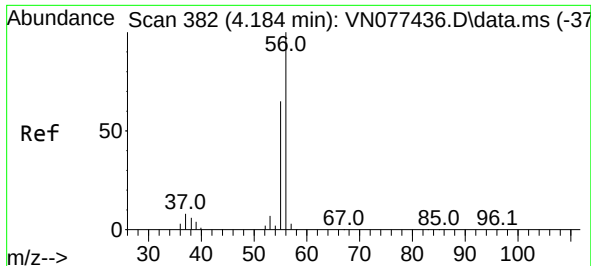
Tgt Ion: 59 Resp: 296742
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 58.415 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 96 Resp: 383010
Ion Ratio Lower Upper
96 100
61 149.5 112.7 169.1
98 67.7 51.2 76.8





#13

Acrolein

Concen: 257.407 ug/l

RT: 4.184 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

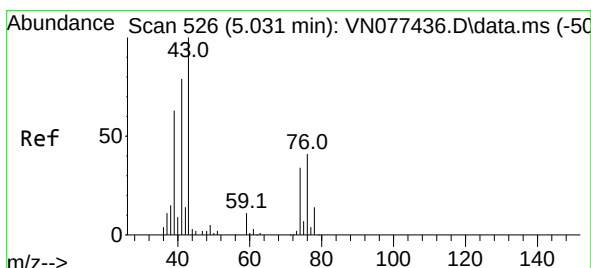
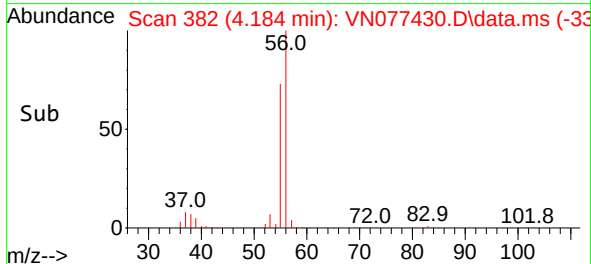
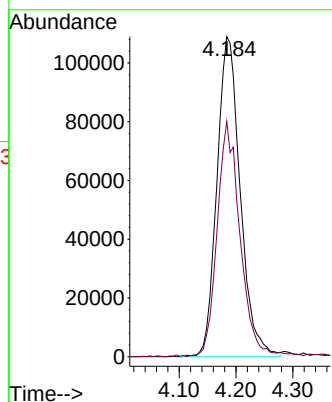
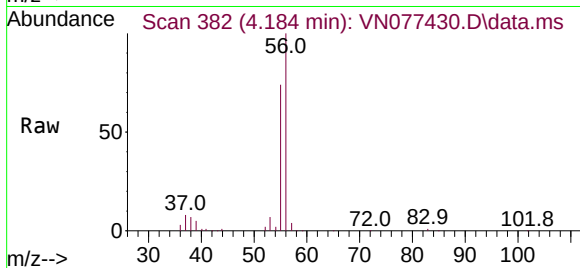
VSTDCCC050

Tgt Ion: 56 Resp: 310561

Ion Ratio Lower Upper

56 100

55 72.3 54.5 81.7



#14

Allyl chloride

Concen: 63.270 ug/l

RT: 5.031 min Scan# 526

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

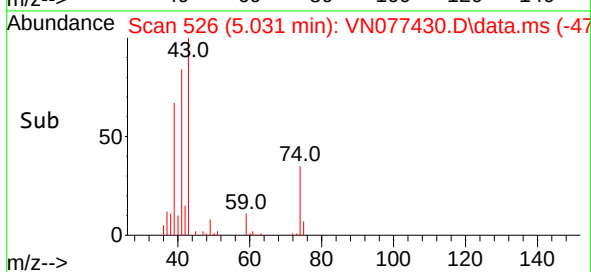
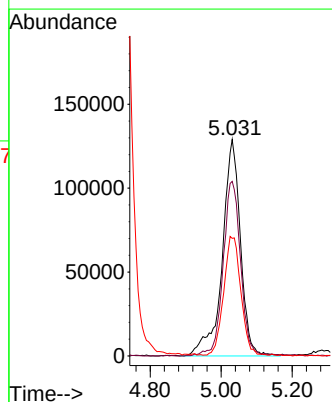
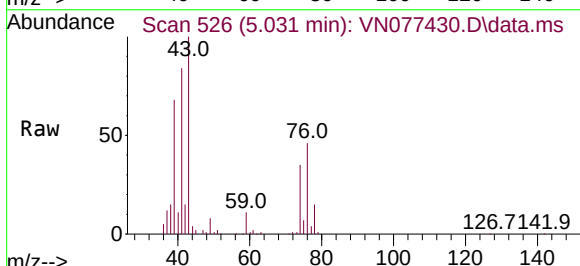
Tgt Ion: 41 Resp: 458777

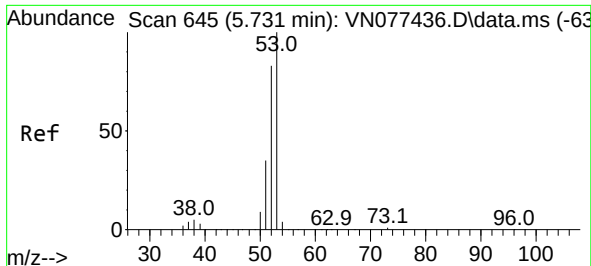
Ion Ratio Lower Upper

41 100

39 77.6 58.8 88.2

76 51.3 39.1 58.7

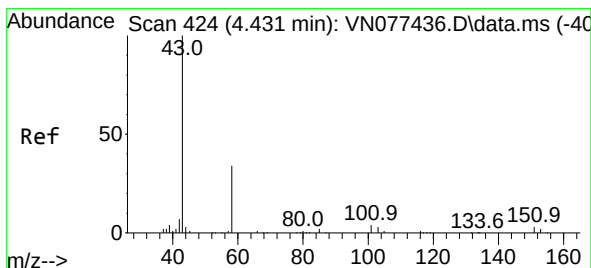
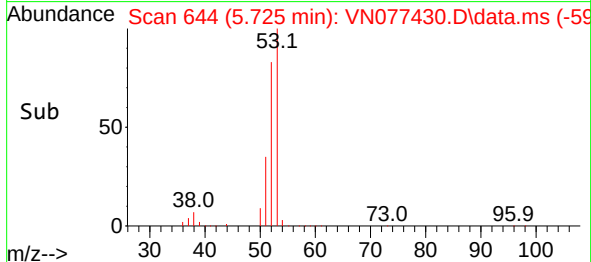
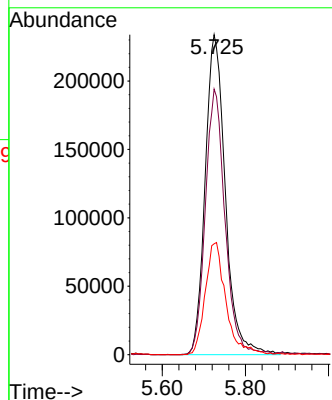
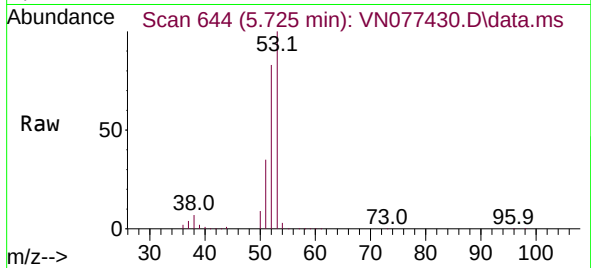




#15
Acrylonitrile
Concen: 283.276 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

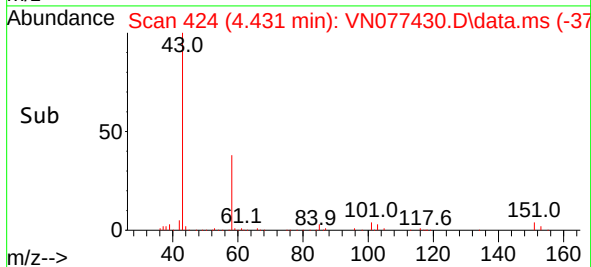
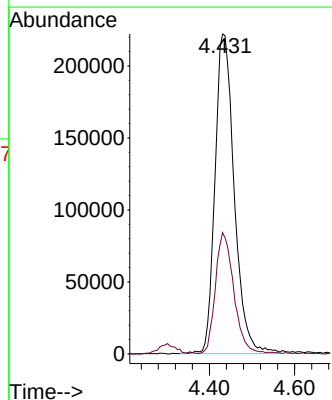
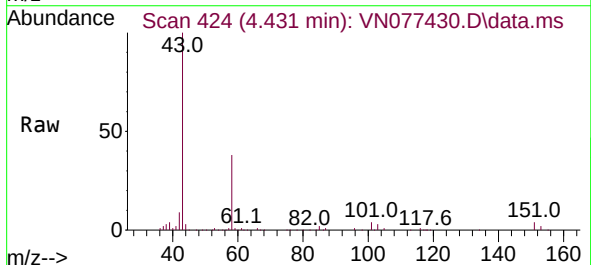
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

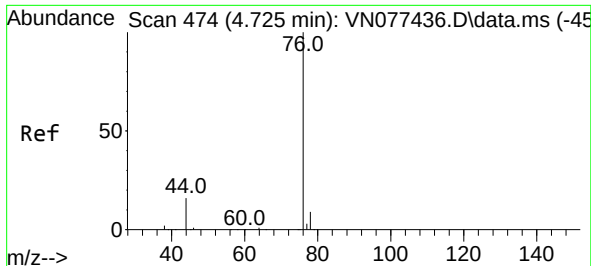
Tgt Ion: 53 Resp: 786738
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.1 28.9 43.3



#16
Acetone
Concen: 287.290 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 43 Resp: 697011
Ion Ratio Lower Upper
43 100
58 37.7 28.0 42.0





#17

Carbon Disulfide

Concen: 62.212 ug/l

RT: 4.719 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

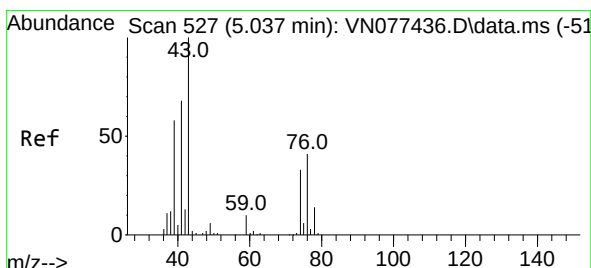
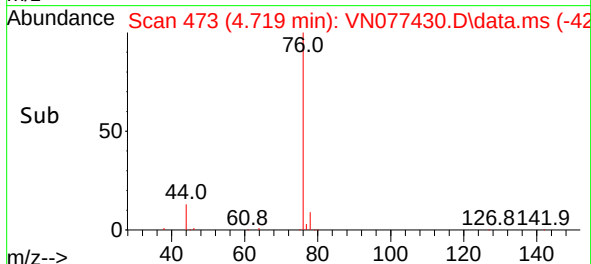
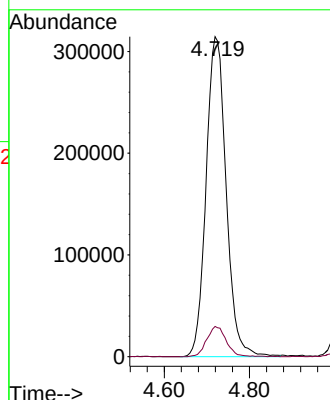
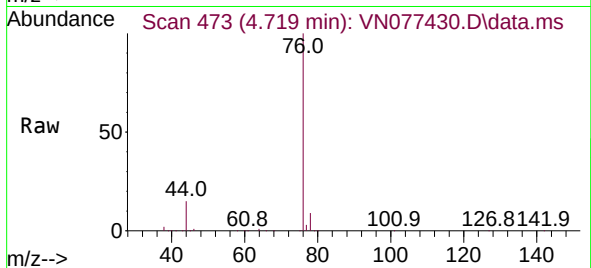
VSTDCCC050

Tgt Ion: 76 Resp: 1031008

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 54.693 ug/l

RT: 5.031 min Scan# 526

Delta R.T. -0.006 min

Lab File: VN077430.D

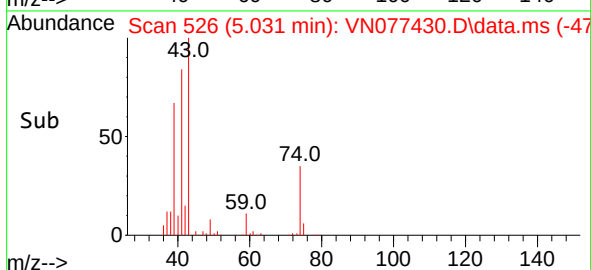
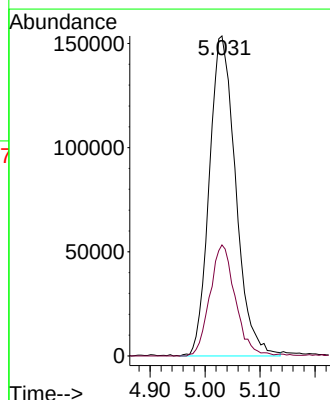
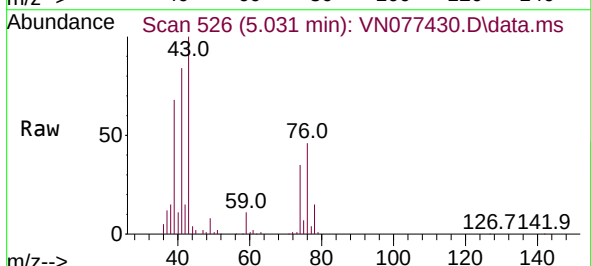
Acq: 24 Apr 2023 10:10

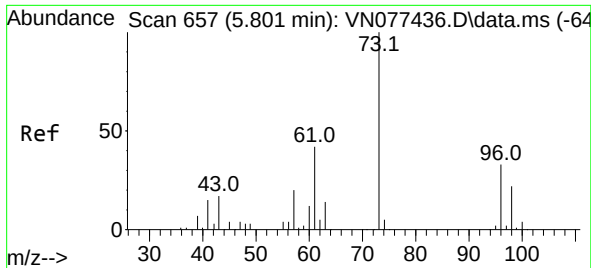
Tgt Ion: 43 Resp: 512429

Ion Ratio Lower Upper

43 100

74 33.3 26.2 39.4

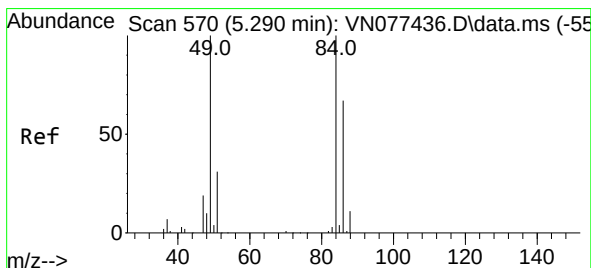
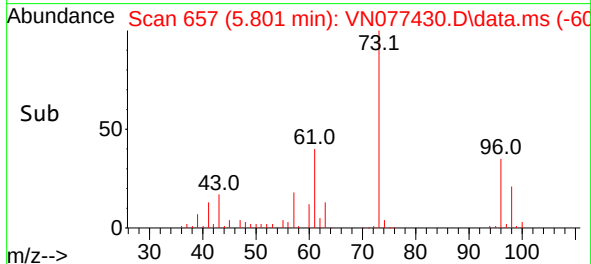
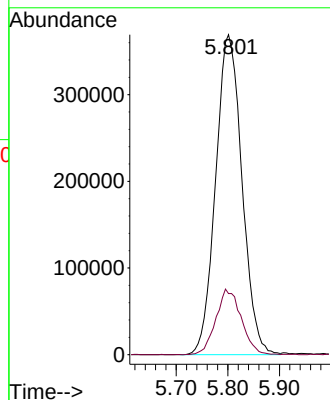
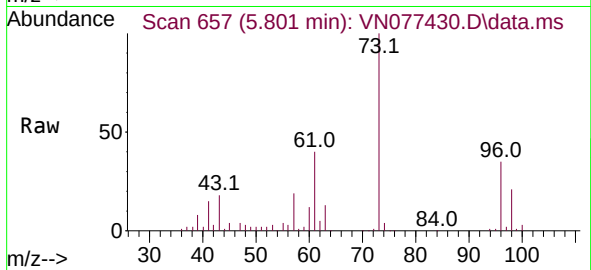




#19
Methyl tert-butyl Ether
Concen: 60.341 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

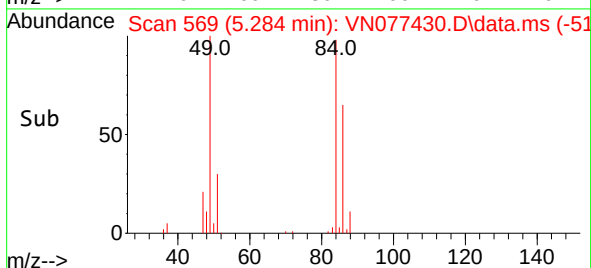
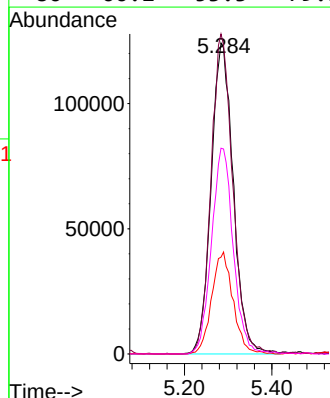
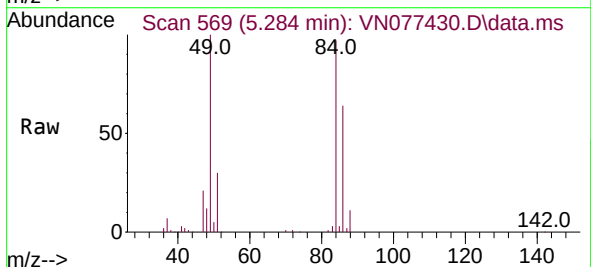
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

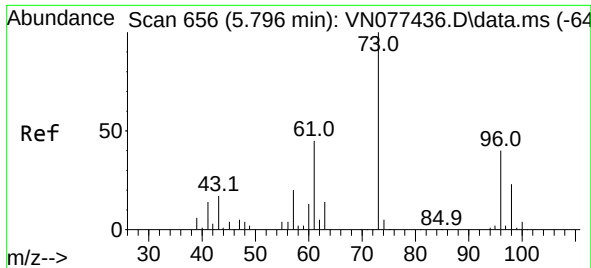
Tgt Ion: 73 Resp: 1308795
Ion Ratio Lower Upper
73 100
57 19.0 15.6 23.4



#20
Methylene Chloride
Concen: 56.754 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 84 Resp: 436671
Ion Ratio Lower Upper
84 100
49 102.9 79.7 119.5
51 31.1 25.2 37.8
86 66.2 53.3 79.9

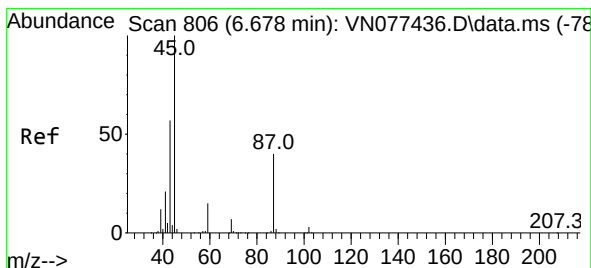
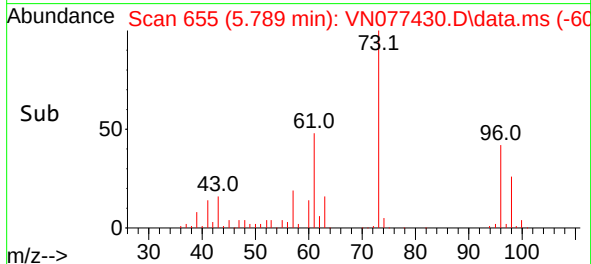
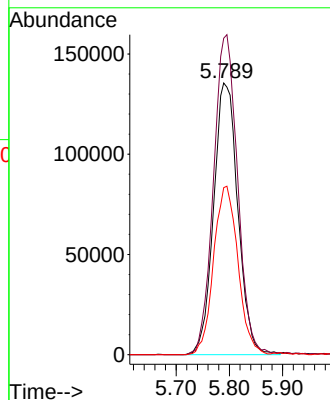
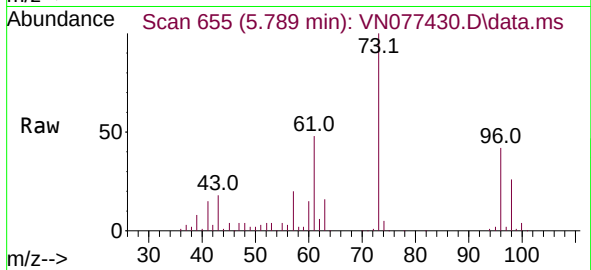




#21
trans-1,2-Dichloroethene
Concen: 60.895 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

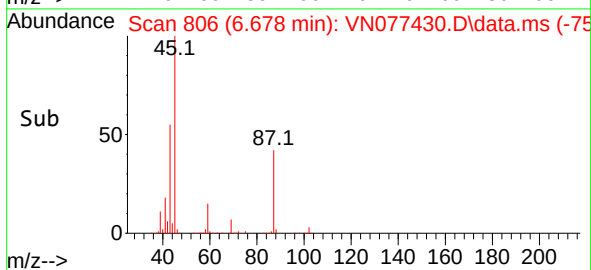
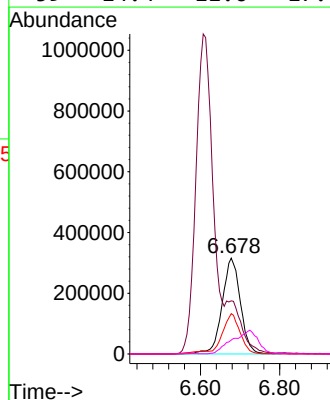
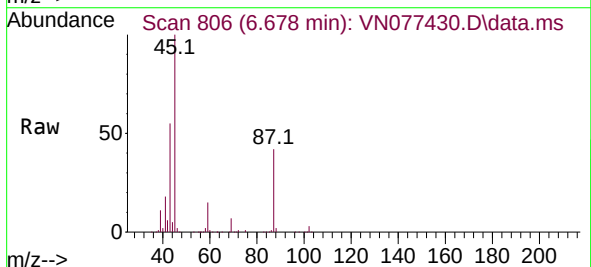
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

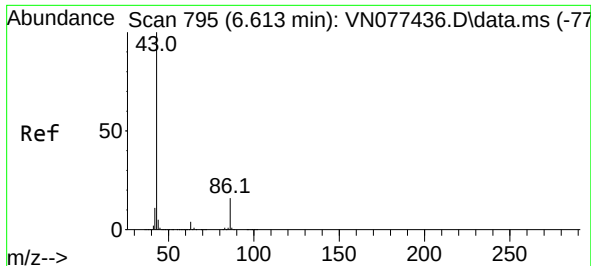
Tgt Ion: 96 Resp: 429457
Ion Ratio Lower Upper
96 100
61 116.5 90.1 135.1
98 61.5 46.4 69.6



#22
Diisopropyl ether
Concen: 60.568 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 45 Resp: 1007963
Ion Ratio Lower Upper
45 100
43 54.2 45.5 68.3
87 41.8 31.8 47.8
59 14.4 11.6 17.4

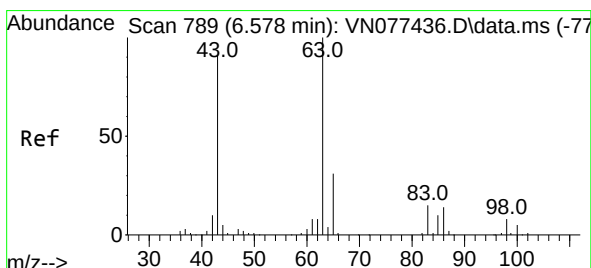
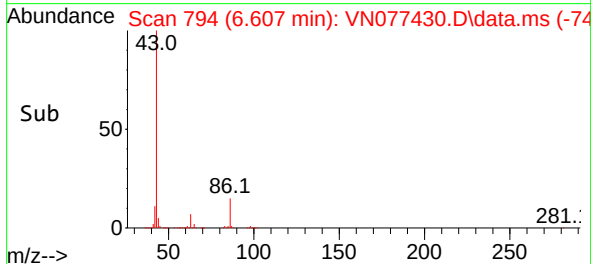
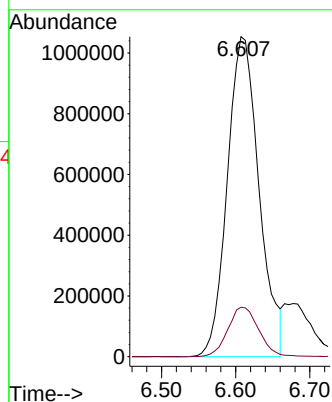
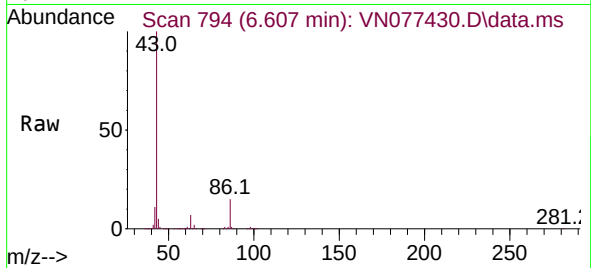




#23
 Vinyl Acetate
 Concen: 302.368 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077430.D
 Acq: 24 Apr 2023 10:10

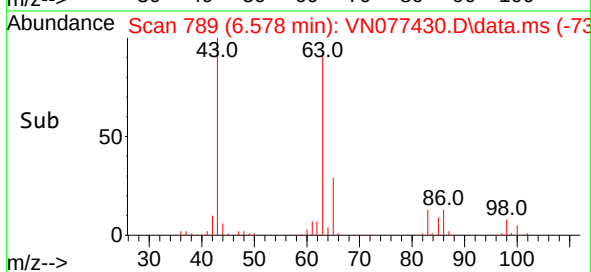
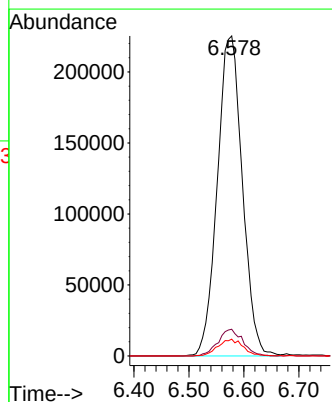
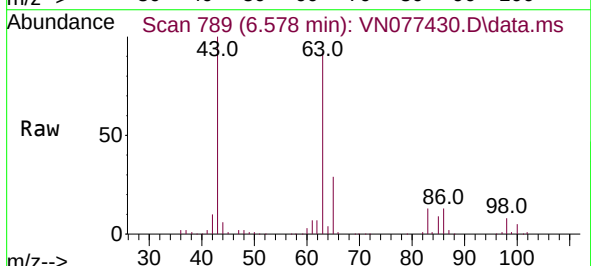
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

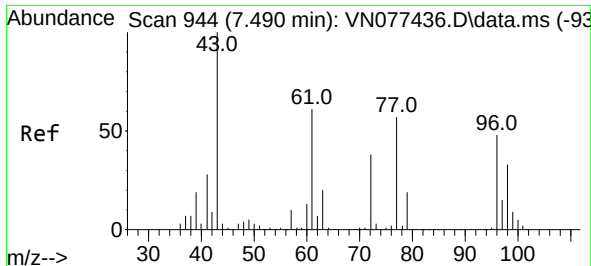
Tgt Ion: 43 Resp: 3142542
 Ion Ratio Lower Upper
 43 100
 86 15.5 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 60.585 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077430.D
 Acq: 24 Apr 2023 10:10

Tgt Ion: 63 Resp: 713688
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.7
 100 5.2 2.5 7.4





#25

2-Butanone

Concen: 277.925 ug/l

RT: 7.483 min Scan# 943

Delta R.T. -0.006 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

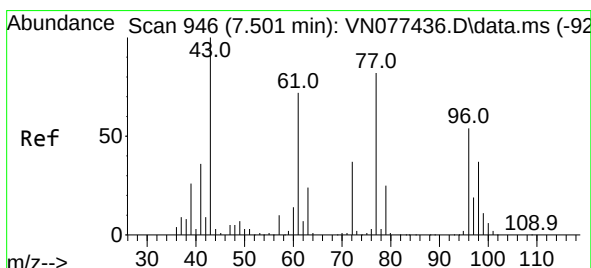
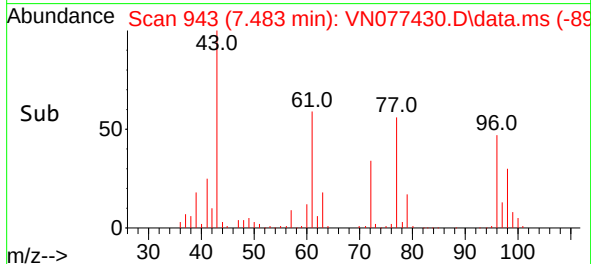
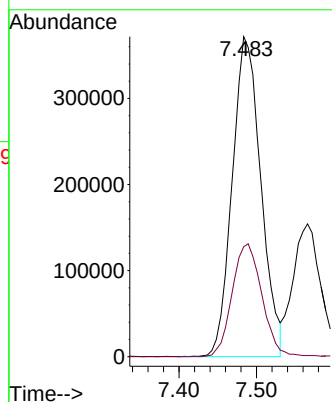
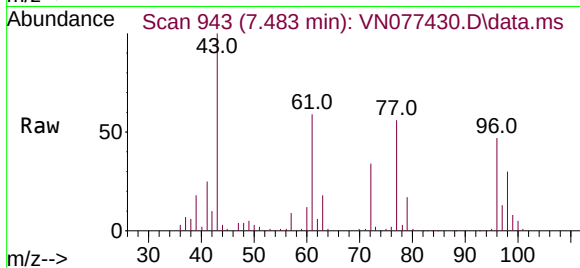
VSTDCCC050

Tgt Ion: 43 Resp: 956372

Ion Ratio Lower Upper

43 100

72 34.4 30.2 45.2



#26

2,2-Dichloropropane

Concen: 62.634 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077430.D

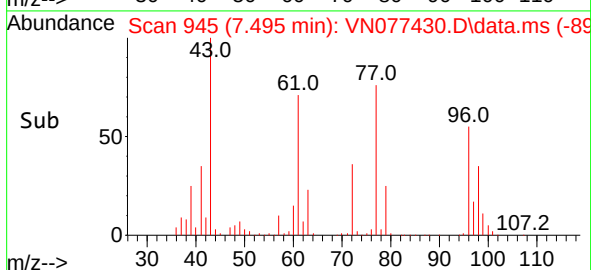
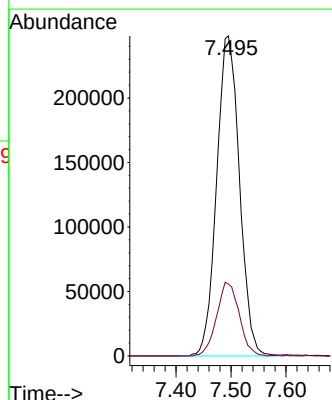
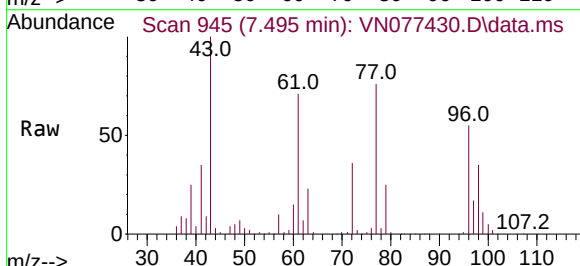
Acq: 24 Apr 2023 10:10

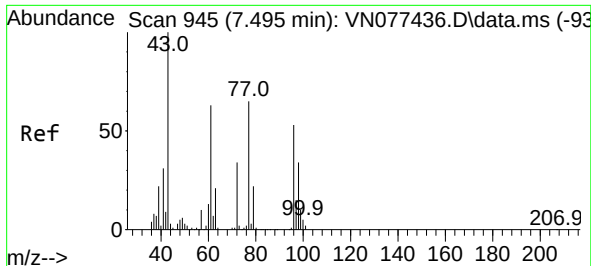
Tgt Ion: 77 Resp: 715425

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6

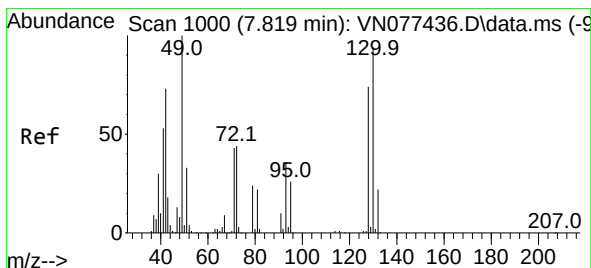
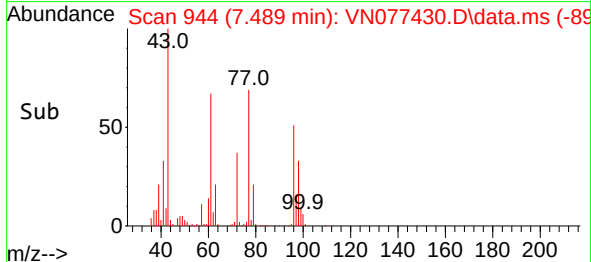
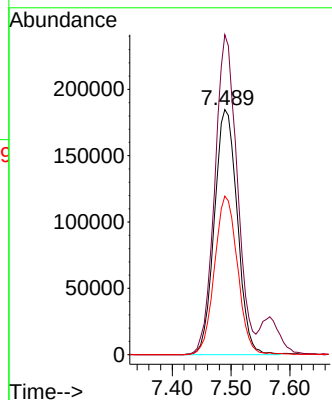
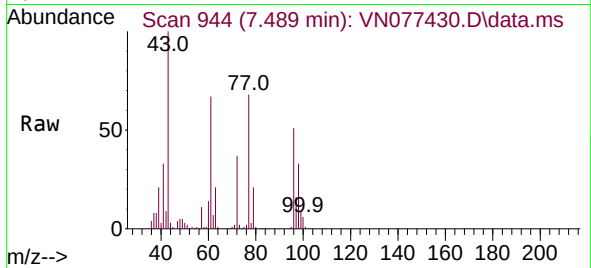




#27
 cis-1,2-Dichloroethene
 Concen: 59.995 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077430.D
 Acq: 24 Apr 2023 10:10

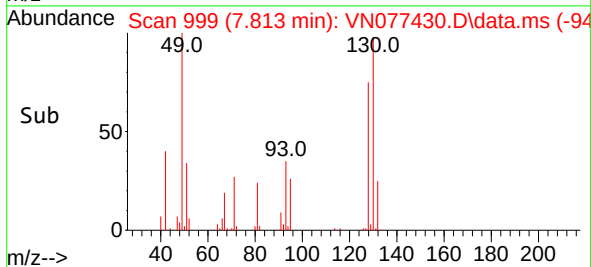
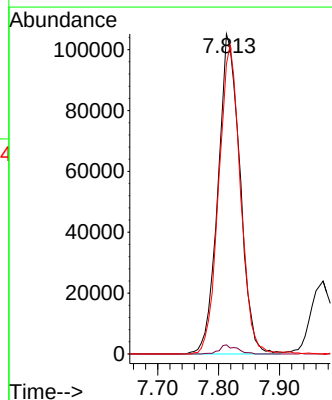
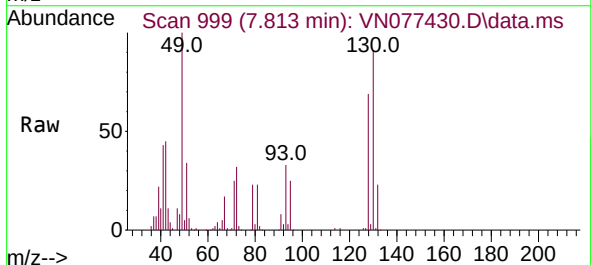
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

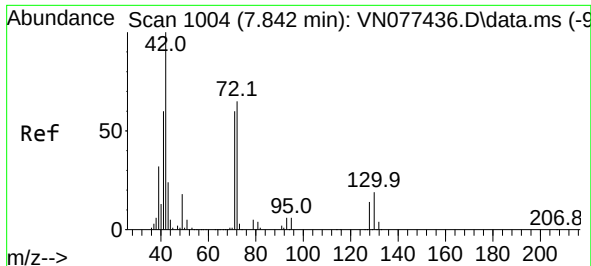
Tgt Ion: 96 Resp: 501103
 Ion Ratio Lower Upper
 96 100
 61 128.0 0.0 255.2
 98 64.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 58.515 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077430.D
 Acq: 24 Apr 2023 10:10

Tgt Ion: 49 Resp: 263229
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 95.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 273.887 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

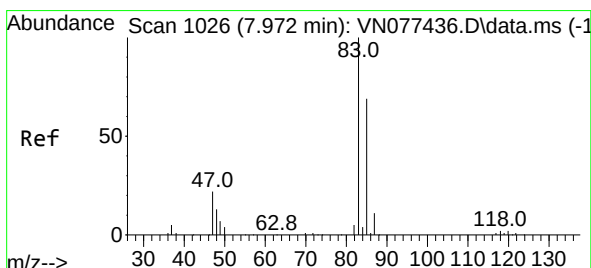
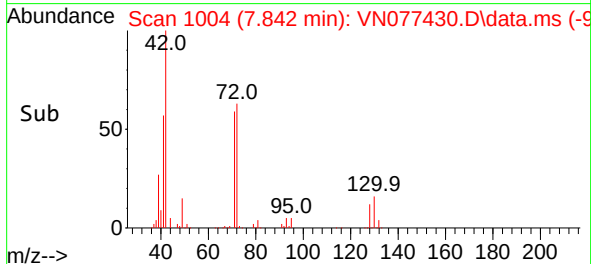
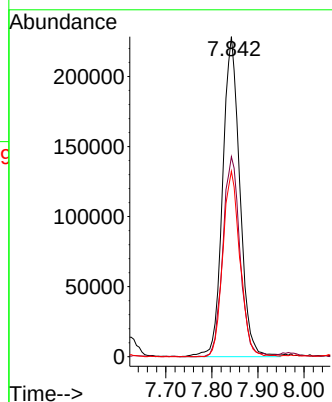
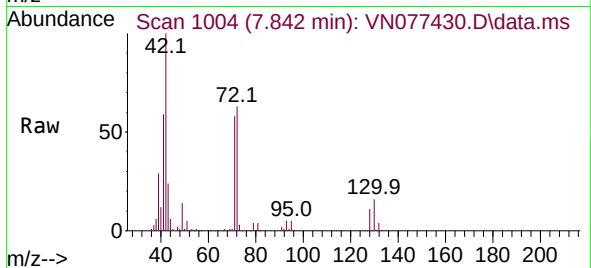
Tgt Ion: 42 Resp: 590511

Ion Ratio Lower Upper

42 100

72 62.1 49.8 74.6

71 57.8 47.4 71.2



#30

Chloroform

Concen: 59.976 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077430.D

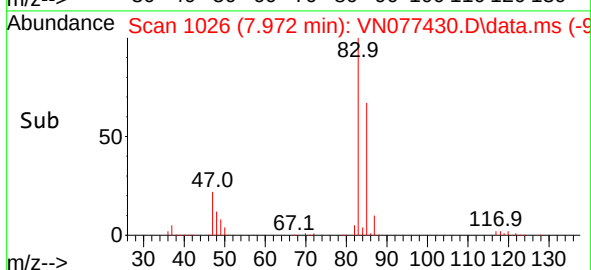
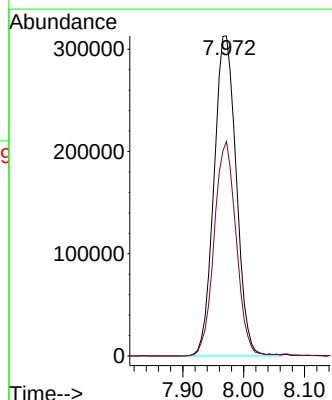
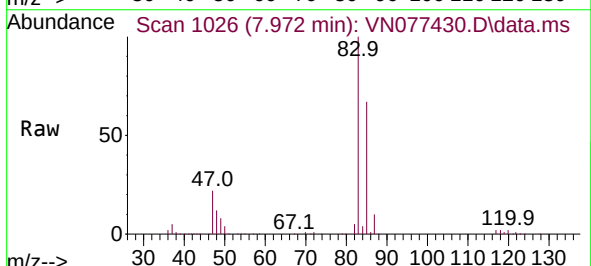
Acq: 24 Apr 2023 10:10

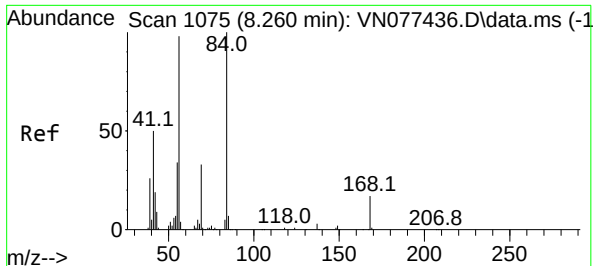
Tgt Ion: 83 Resp: 796227

Ion Ratio Lower Upper

83 100

85 67.1 55.4 83.0





#31

Cyclohexane

Concen: 48.345 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

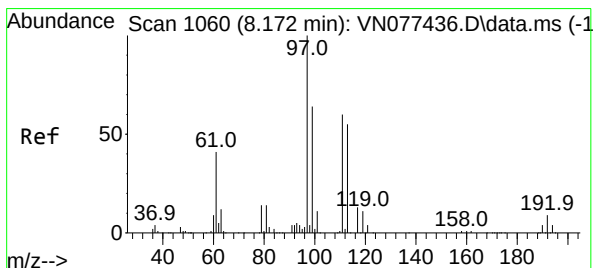
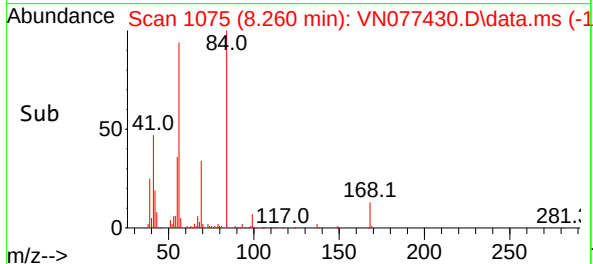
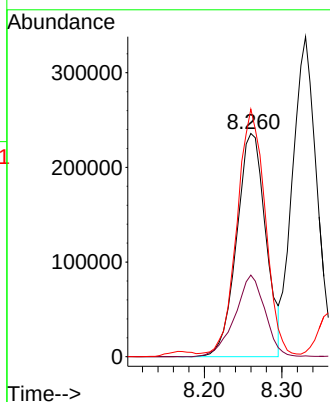
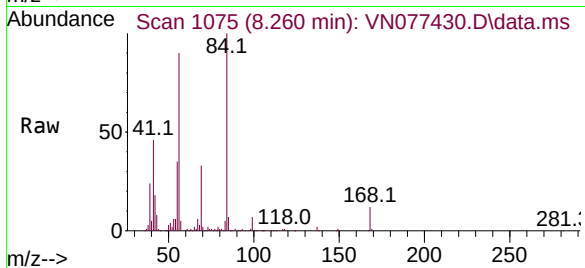
Tgt Ion: 56 Resp: 615338

Ion Ratio Lower Upper

56 100

69 36.4 26.8 40.2

84 108.6 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 61.881 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

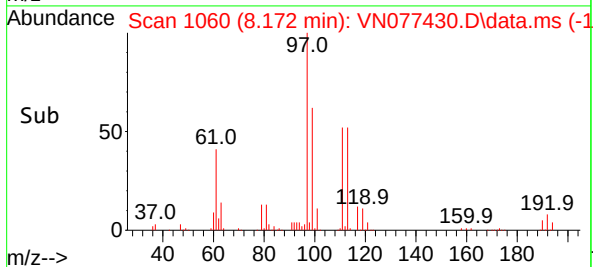
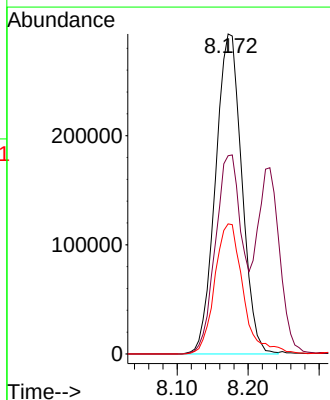
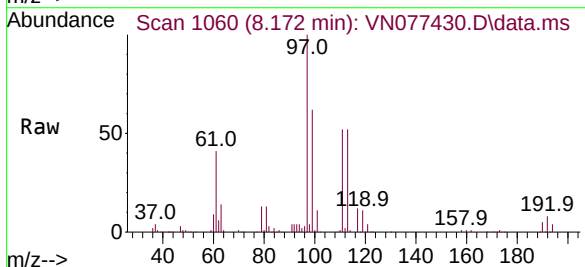
Tgt Ion: 97 Resp: 755277

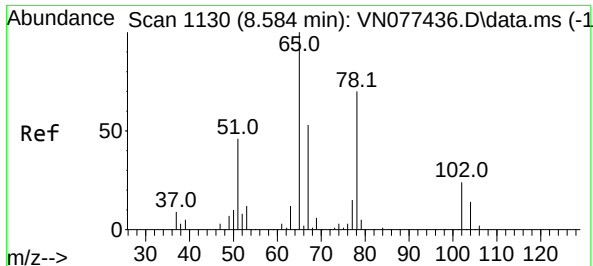
Ion Ratio Lower Upper

97 100

99 62.8 50.3 75.5

61 43.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.763 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

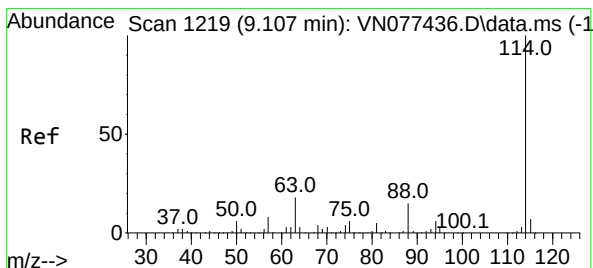
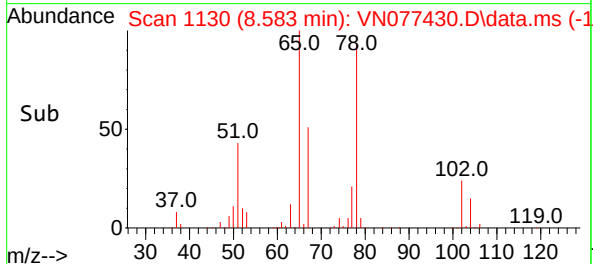
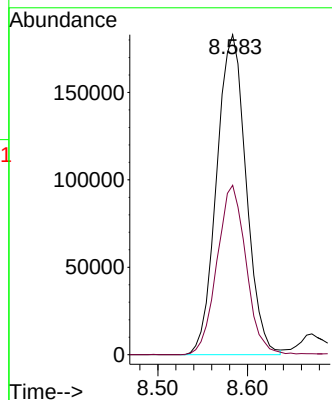
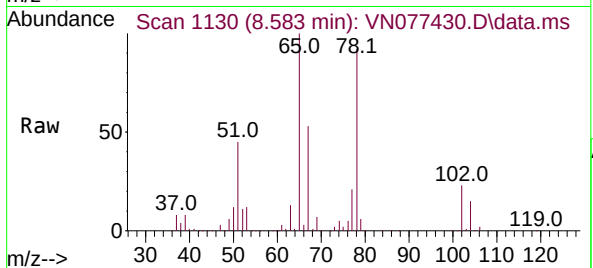
VSTDCCC050

Tgt Ion: 65 Resp: 417392

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

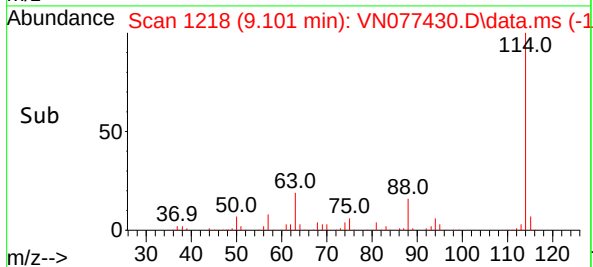
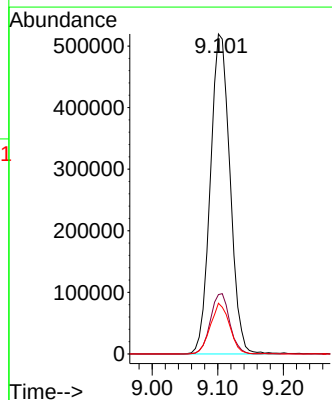
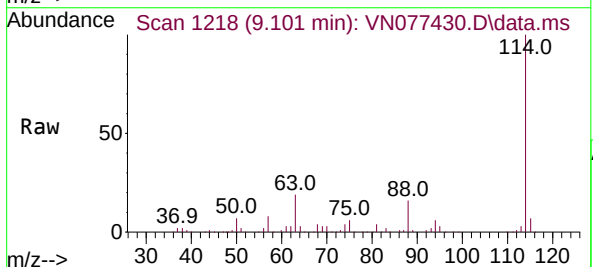
Tgt Ion: 114 Resp: 1080560

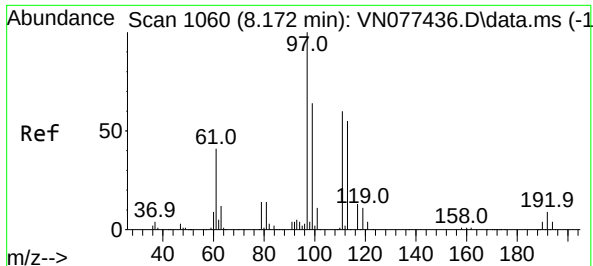
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.403 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

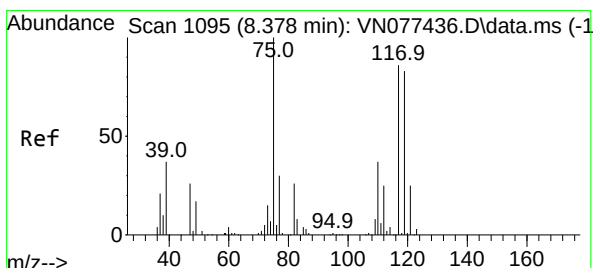
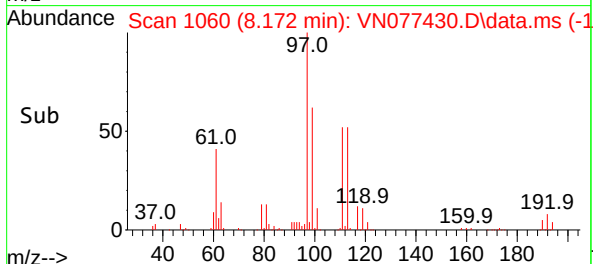
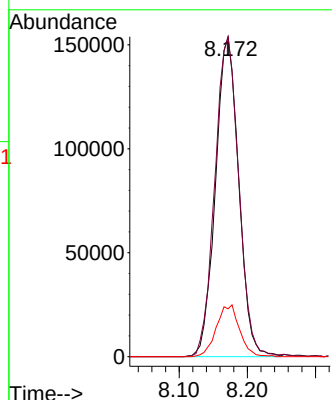
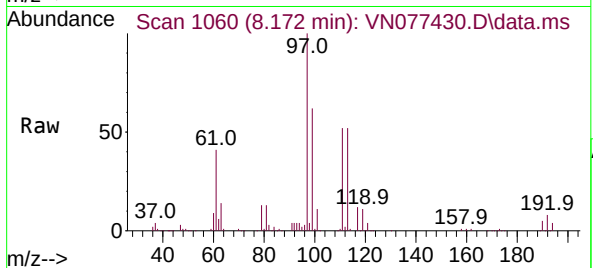
Tgt Ion:113 Resp: 365303

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 16.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 63.526 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

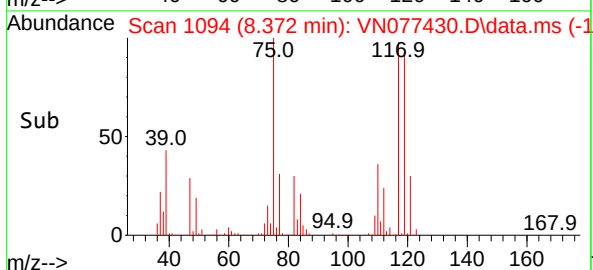
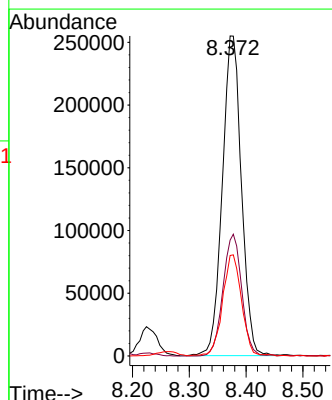
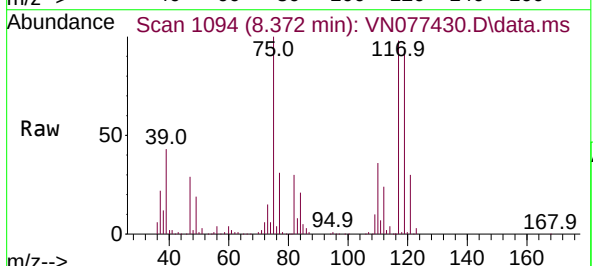
Tgt Ion: 75 Resp: 596058

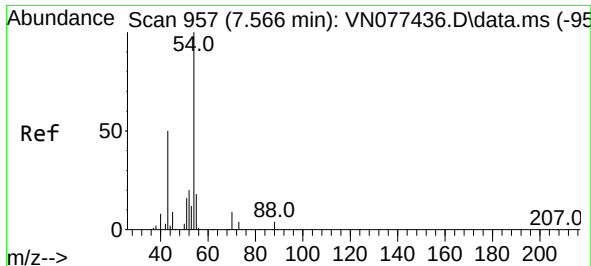
Ion Ratio Lower Upper

75 100

110 37.2 19.1 57.3

77 31.5 25.0 37.4

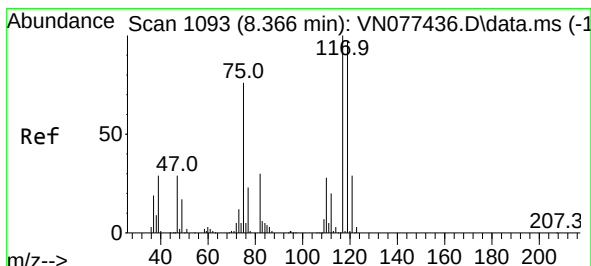
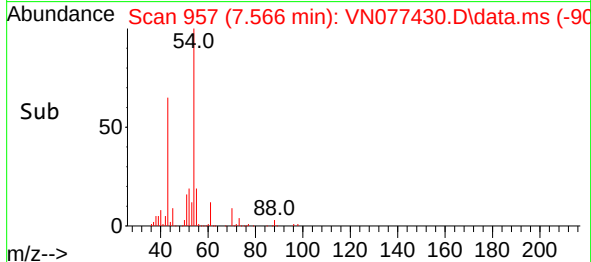
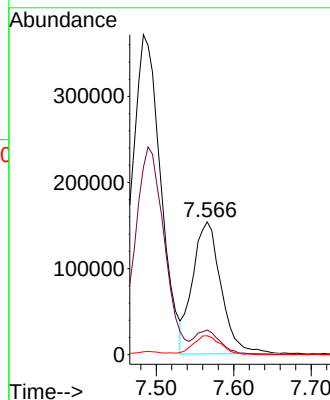
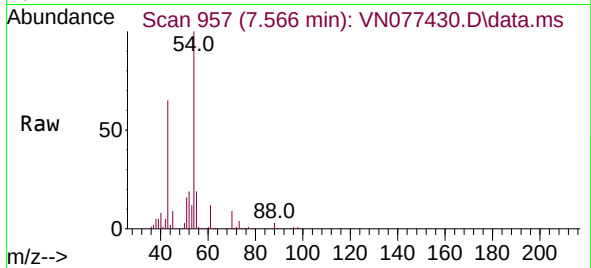




#37
Ethyl Acetate
Concen: 54.788 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

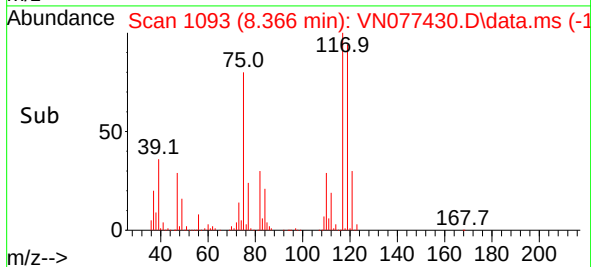
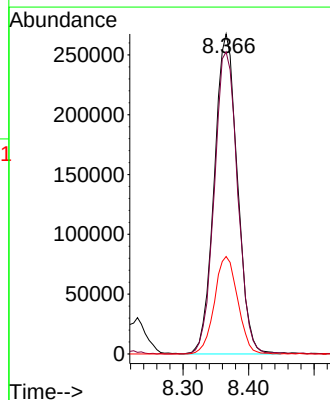
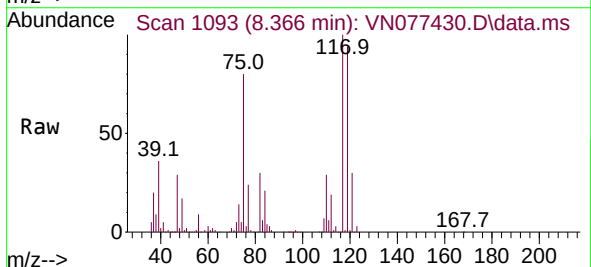
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

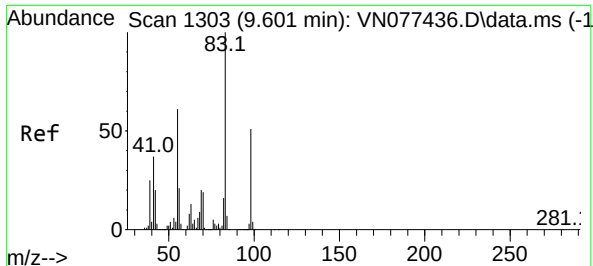
Tgt Ion: 43 Resp: 390636
Ion Ratio Lower Upper
43 100
61 16.3 13.2 19.8
70 14.0 11.3 16.9



#38
Carbon Tetrachloride
Concen: 63.126 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 117 Resp: 653505
Ion Ratio Lower Upper
117 100
119 94.3 77.3 115.9
121 30.5 23.3 34.9





#39

Methylcyclohexane

Concen: 65.324 ug/l

RT: 9.607 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

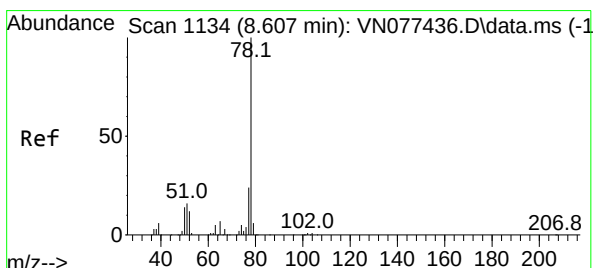
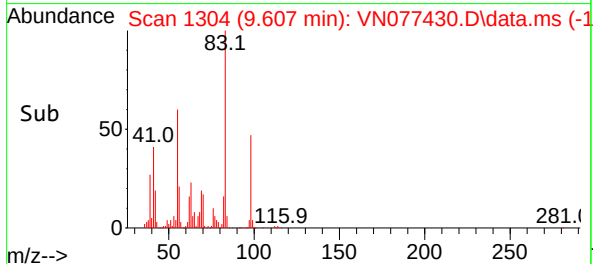
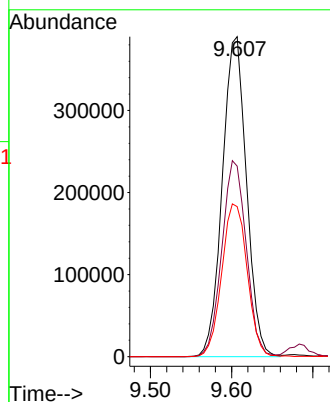
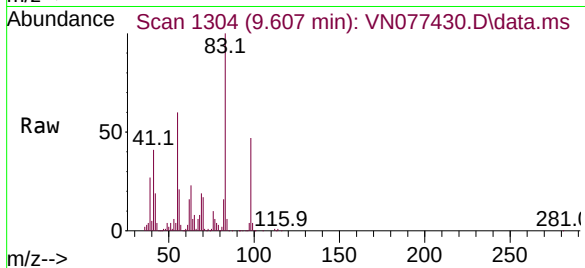
Tgt Ion: 83 Resp: 807542

Ion Ratio Lower Upper

83 100

55 59.5 49.1 73.7

98 46.9 40.6 61.0



#40

Benzene

Concen: 61.459 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077430.D

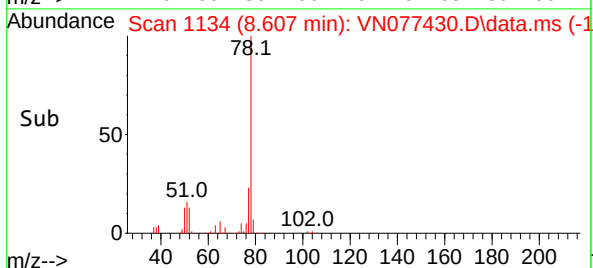
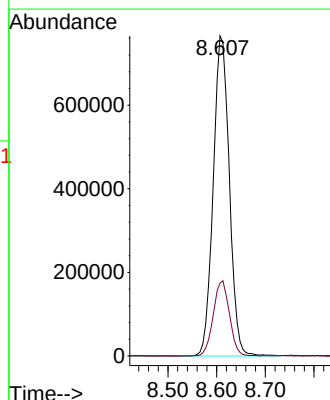
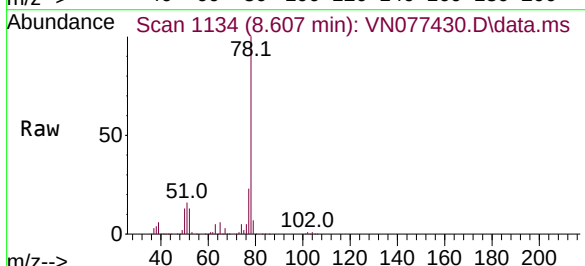
Acq: 24 Apr 2023 10:10

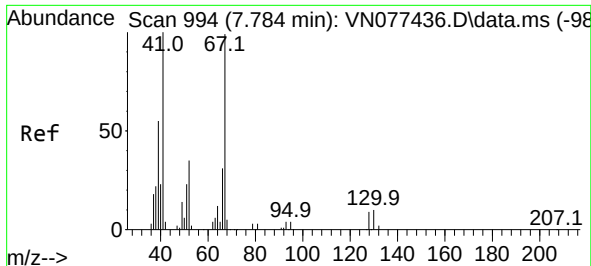
Tgt Ion: 78 Resp: 1756730

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6



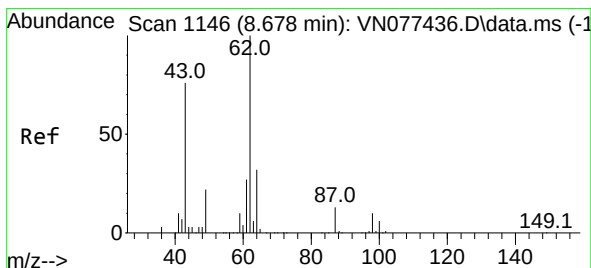
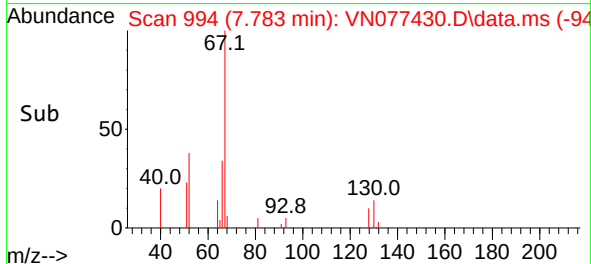
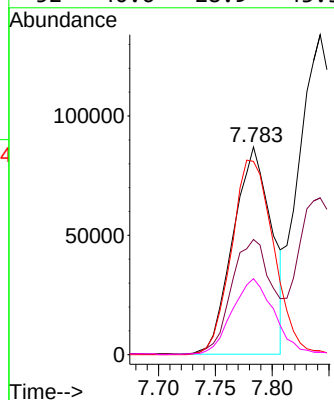
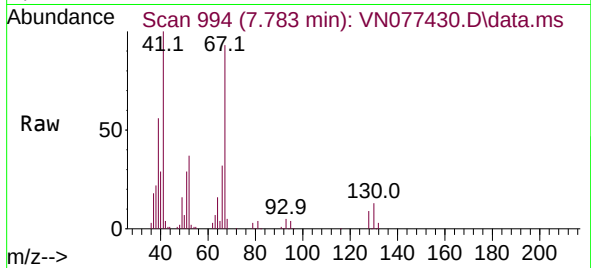


#41
Methacrylonitrile
Concen: 55.028 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 204346

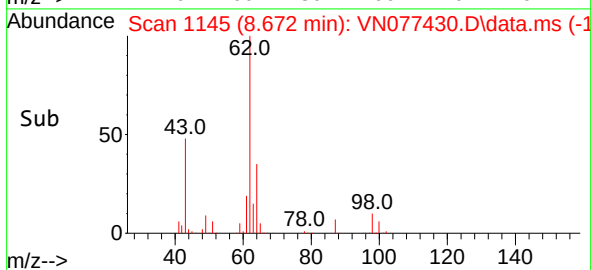
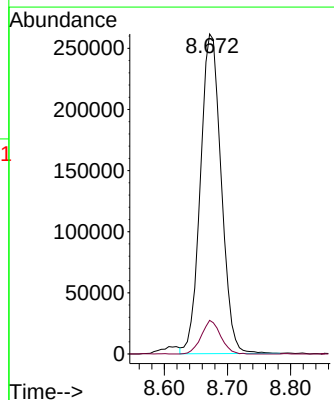
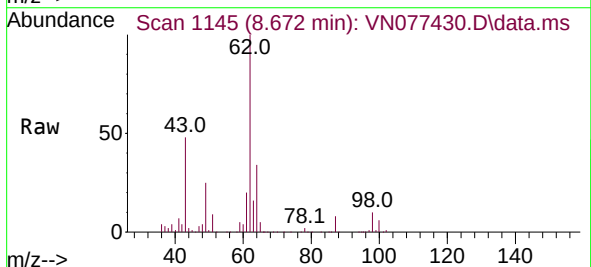
Ion	Ratio	Lower	Upper
41	100		
39	57.7	42.6	64.0
67	104.0	77.5	116.3
52	40.6	28.9	43.3

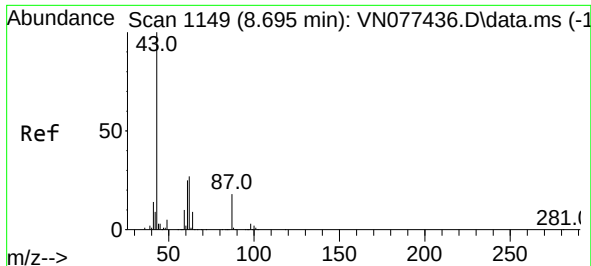


#42
1,2-Dichloroethane
Concen: 60.896 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 62 Resp: 597846

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 59.581 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

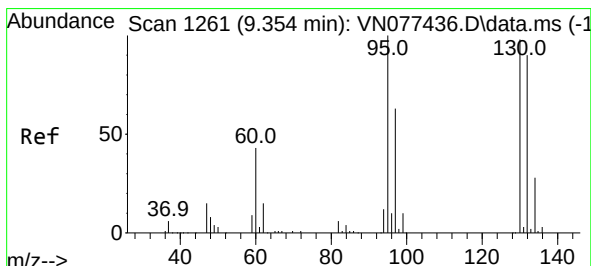
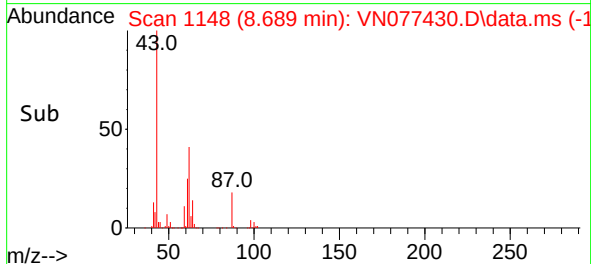
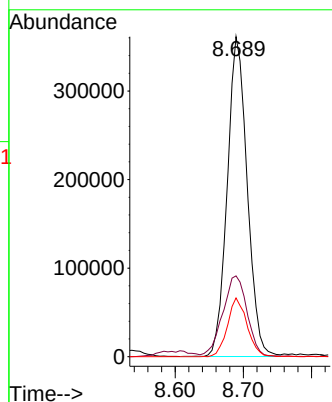
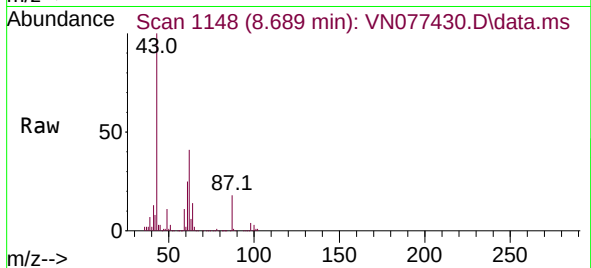
Tgt Ion: 43 Resp: 734913

Ion Ratio Lower Upper

43 100

61 30.6 24.7 37.1

87 18.1 14.6 21.8



#44

Trichloroethene

Concen: 62.659 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077430.D

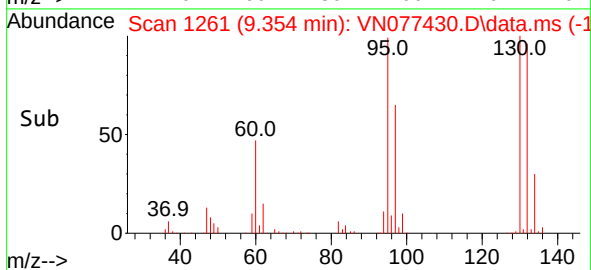
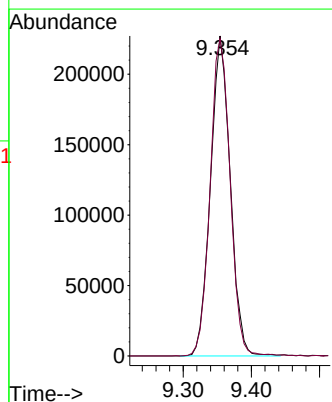
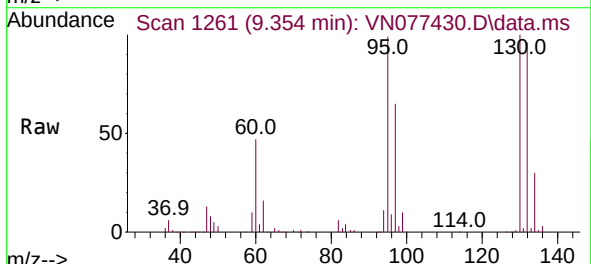
Acq: 24 Apr 2023 10:10

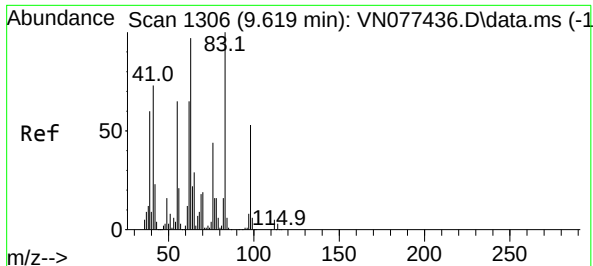
Tgt Ion:130 Resp: 458580

Ion Ratio Lower Upper

130 100

95 99.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 61.805 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

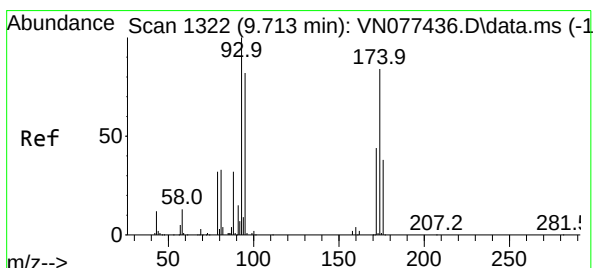
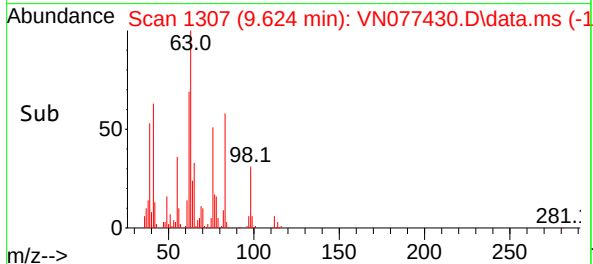
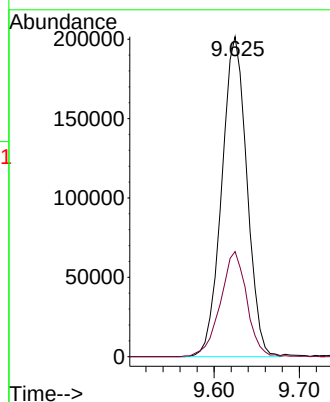
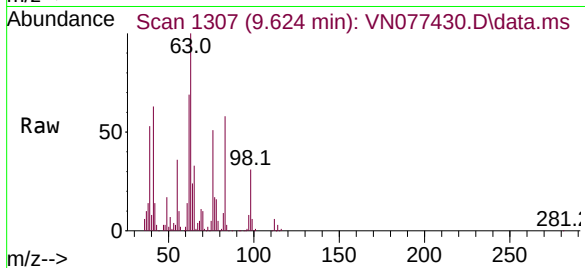
VSTDCCC050

Tgt Ion: 63 Resp: 413826

Ion Ratio Lower Upper

63 100

65 32.8 23.9 35.9



#46

Dibromomethane

Concen: 59.327 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

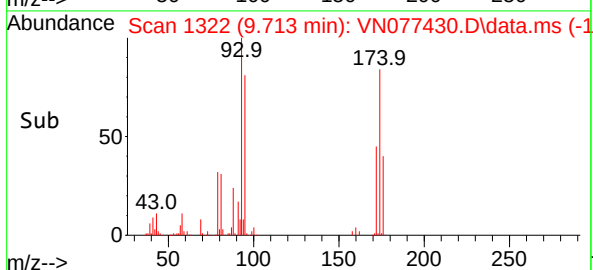
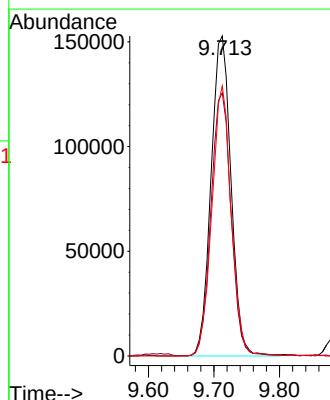
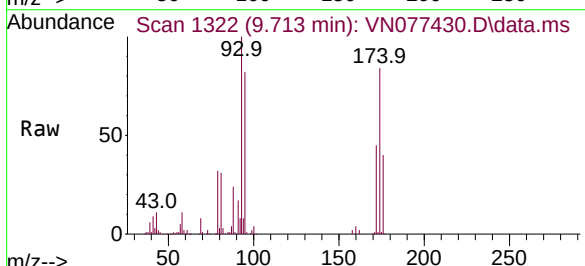
Tgt Ion: 93 Resp: 322322

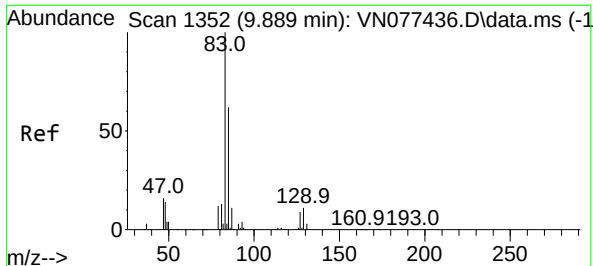
Ion Ratio Lower Upper

93 100

95 83.0 63.8 95.8

174 82.0 65.6 98.4





#47

Bromodichloromethane

Concen: 61.810 ug/l

RT: 9.889 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

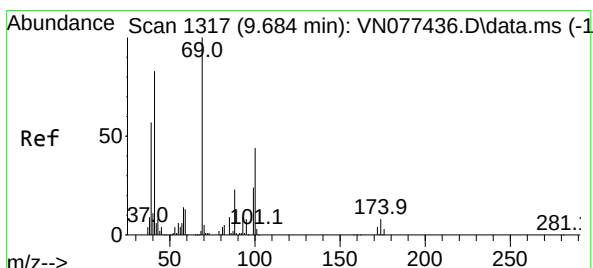
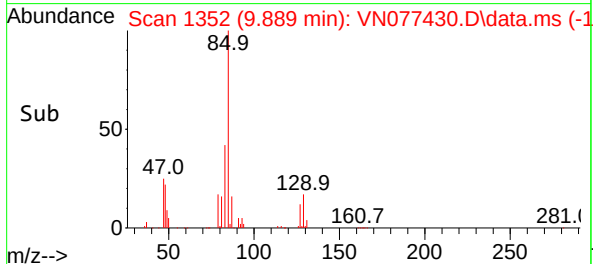
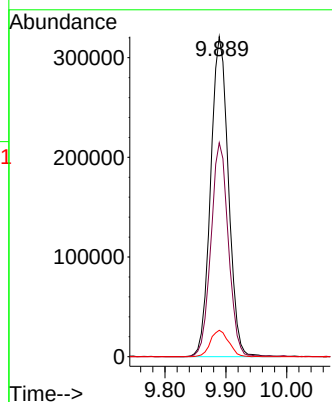
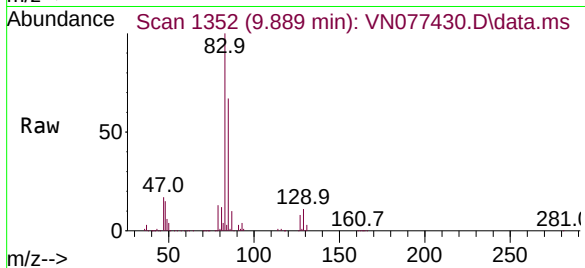
Tgt Ion: 83 Resp: 649569

Ion Ratio Lower Upper

83 100

85 66.8 49.6 74.4

127 8.2 7.0 10.6



#48

Methyl methacrylate

Concen: 58.327 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

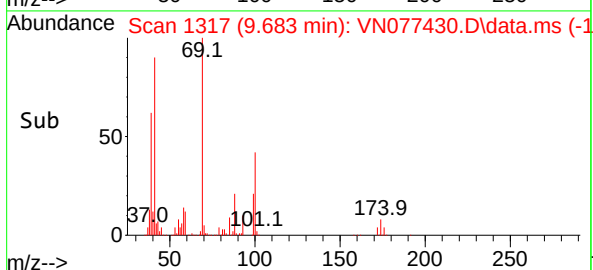
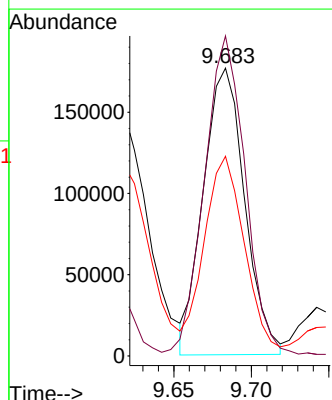
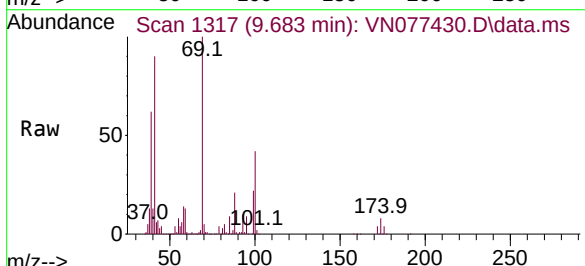
Tgt Ion: 41 Resp: 327486

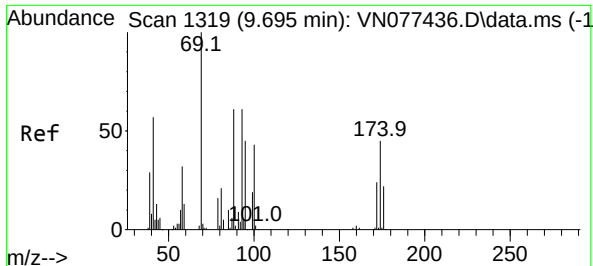
Ion Ratio Lower Upper

41 100

69 110.3 90.4 135.6

39 68.5 54.6 81.8

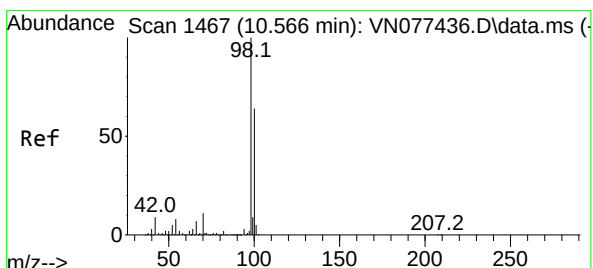
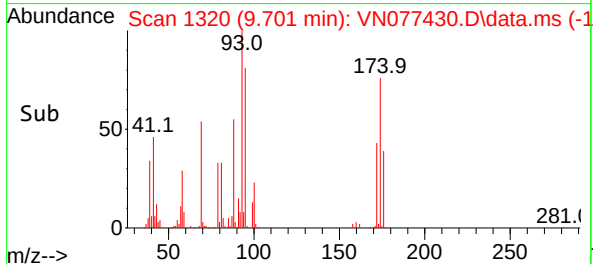
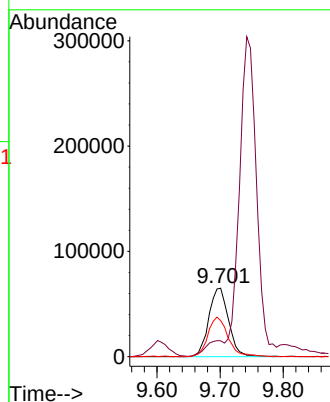
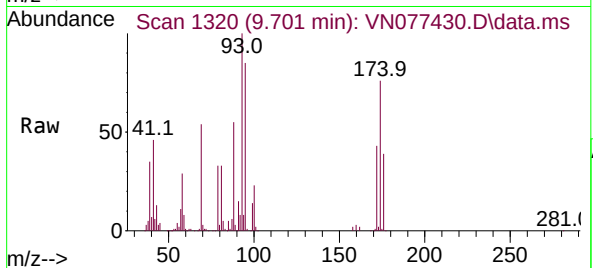




#49
1,4-Dioxane
Concen: 1004.866 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

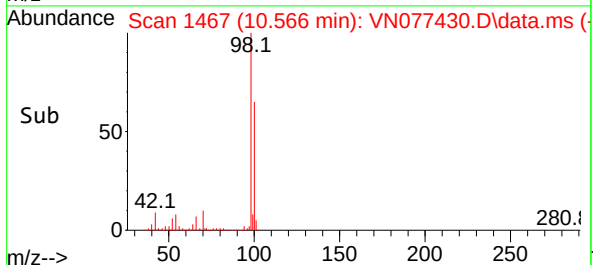
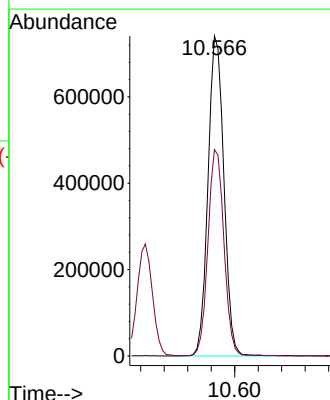
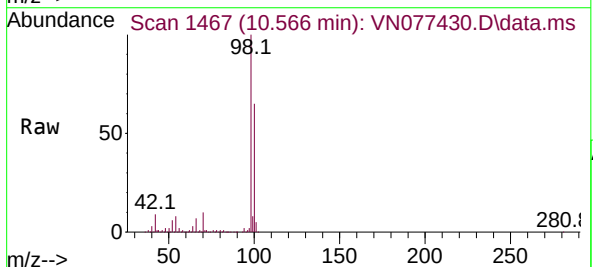
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

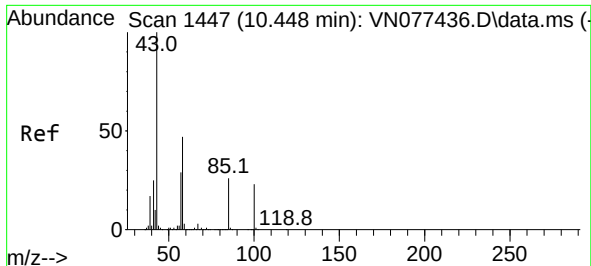
Tgt Ion: 88 Resp: 141520
Ion Ratio Lower Upper
88 100
43 21.7 17.0 25.6
58 58.9 47.0 70.4



#50
Toluene-d8
Concen: 55.969 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 98 Resp: 1386234
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

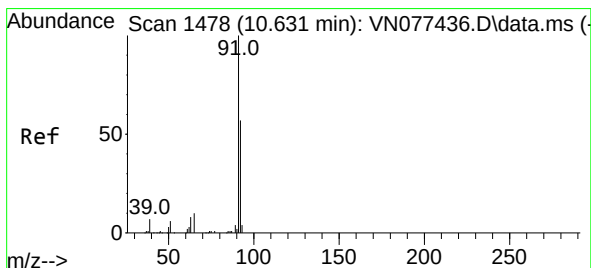
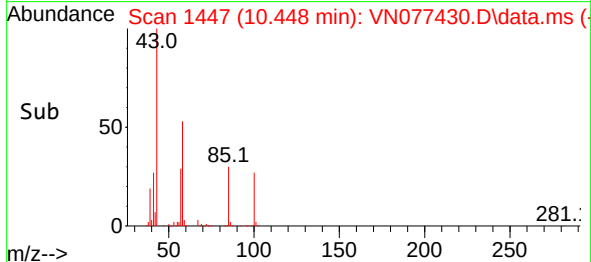
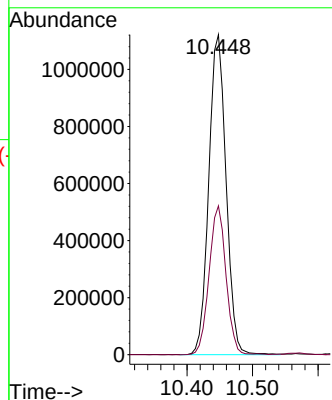
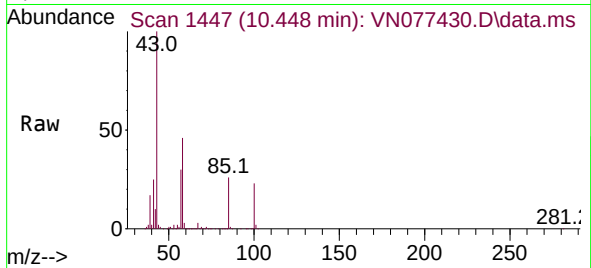




#51
4-Methyl-2-Pentanone
Concen: 283.832 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

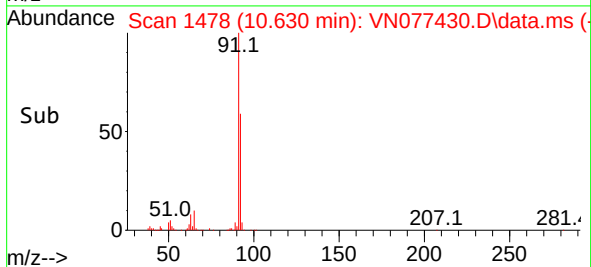
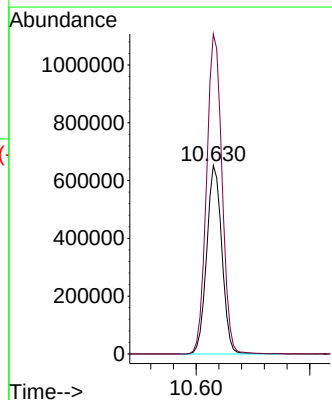
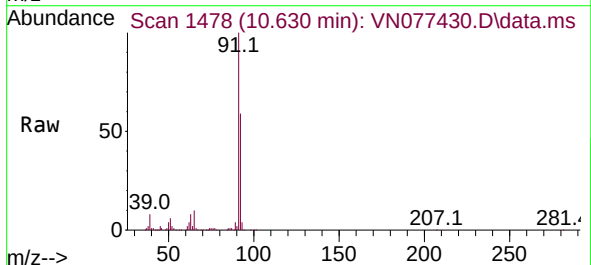
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

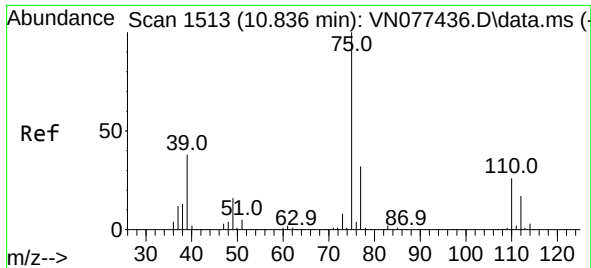
Tgt Ion: 43 Resp: 2053492
Ion Ratio Lower Upper
43 100
58 45.6 36.6 54.8



#52
Toluene
Concen: 64.233 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 92 Resp: 1202788
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0

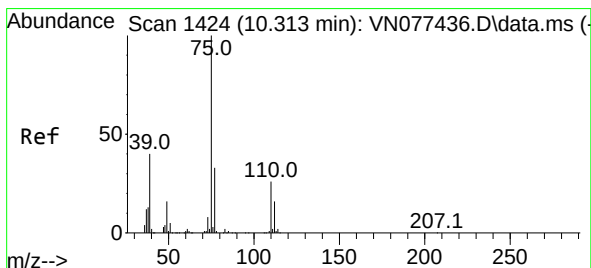
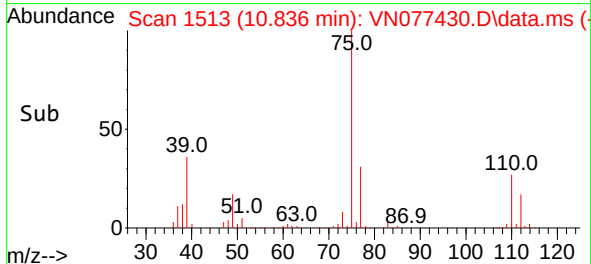
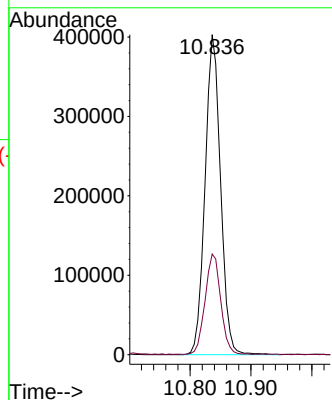
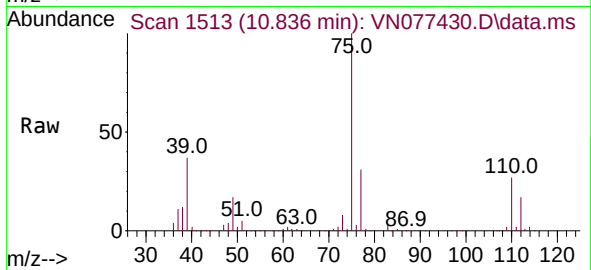




#53
t-1,3-Dichloropropene
Concen: 66.877 ug/l
RT: 10.836 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

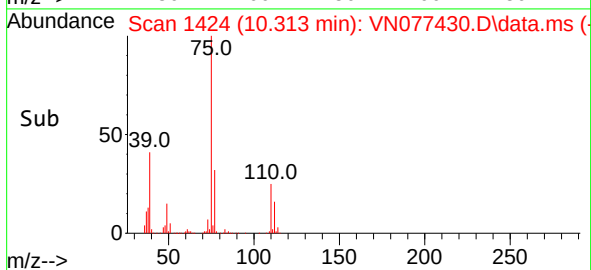
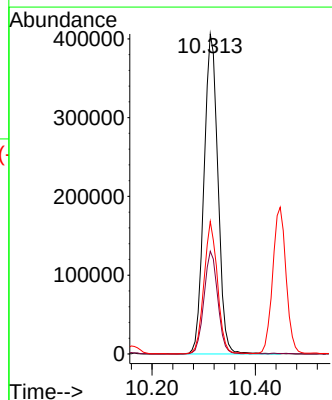
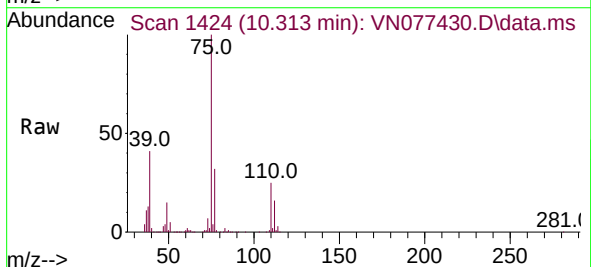
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

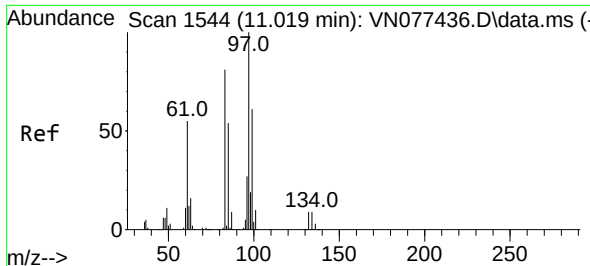
Tgt Ion: 75 Resp: 711659
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 65.849 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 75 Resp: 762726
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 41.3 31.6 47.4

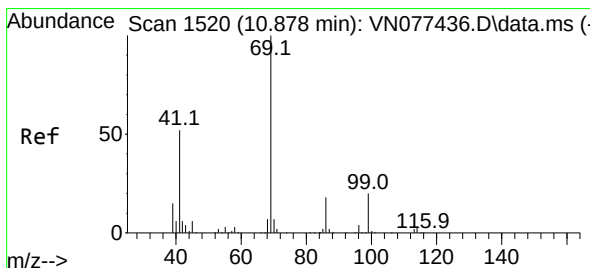
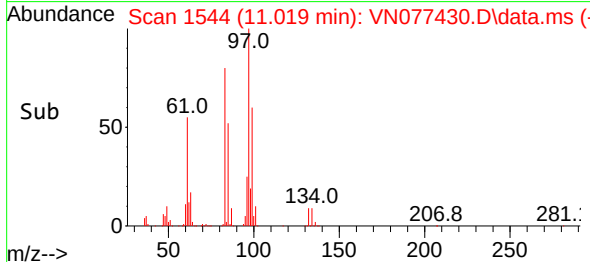
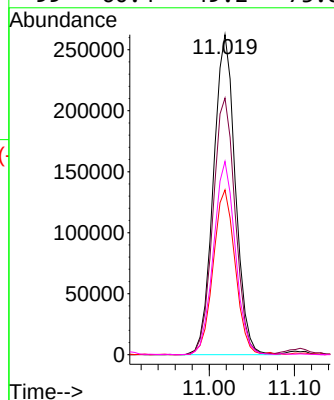
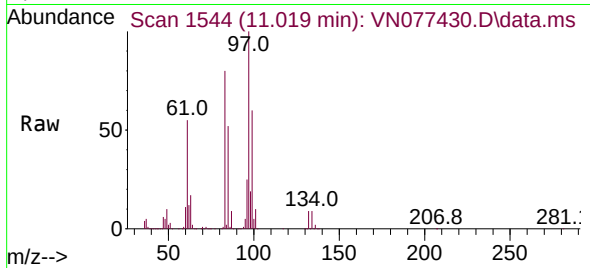




#55
1,1,2-Trichloroethane
Concen: 62.244 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

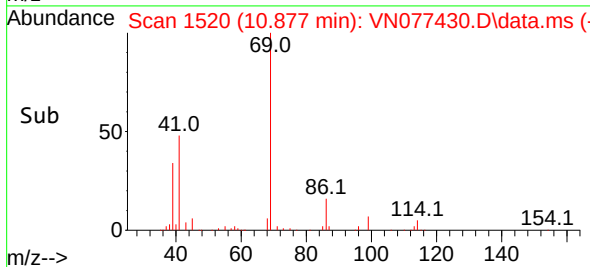
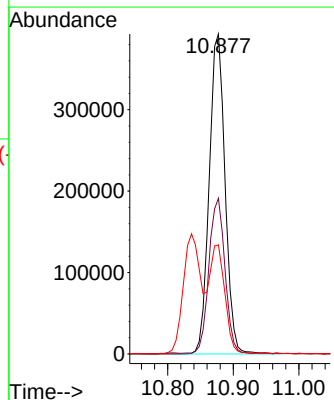
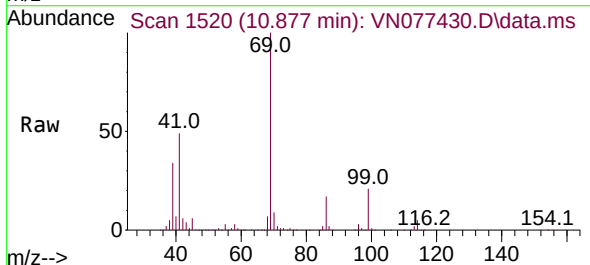
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

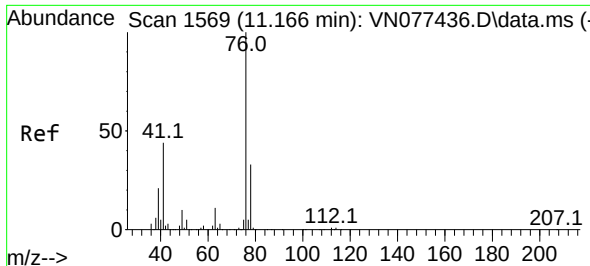
Tgt Ion:	97	Resp:	468696
Ion	Ratio	Lower	Upper
97	100		
83	80.2	65.1	97.7
85	51.4	43.4	65.2
99	60.4	49.2	73.8



#56
Ethyl methacrylate
Concen: 62.649 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion:	69	Resp:	661022
Ion	Ratio	Lower	Upper
69	100		
41	48.7	39.6	59.4
39	34.9	28.6	43.0

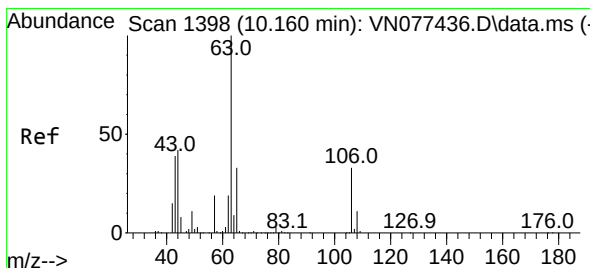
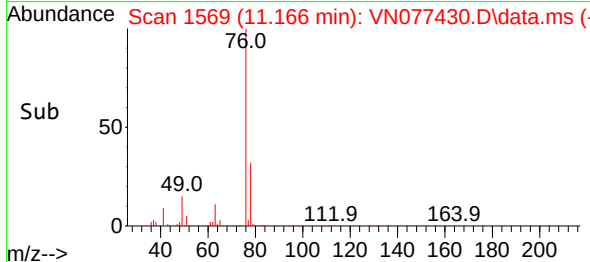
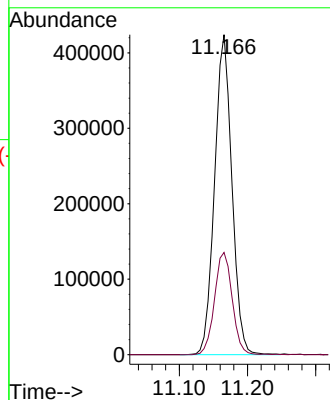
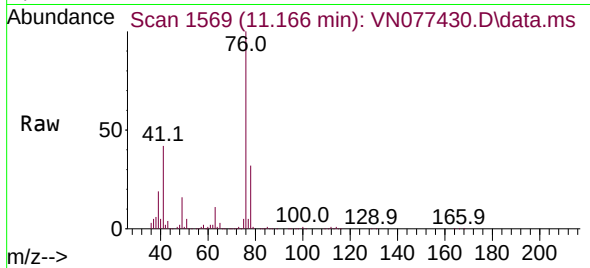




#57
1,3-Dichloropropane
Concen: 62.453 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

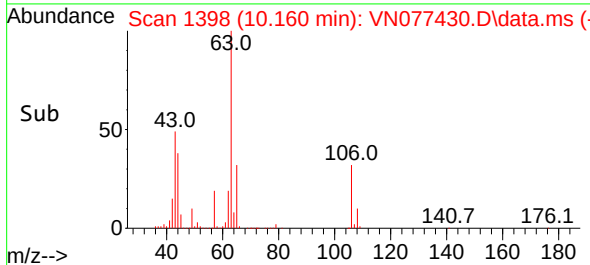
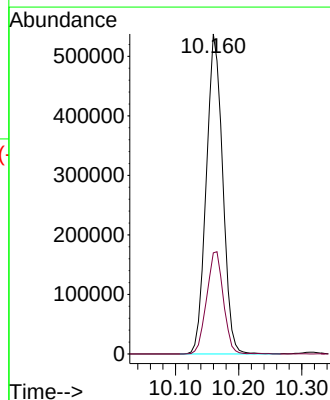
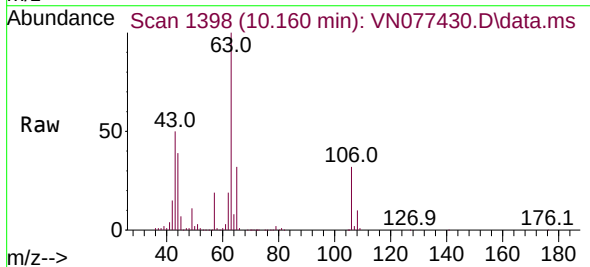
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

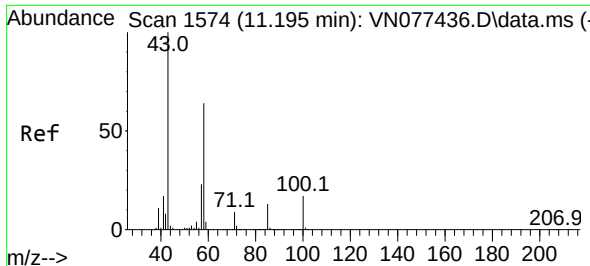
Tgt Ion: 76 Resp: 749071
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 271.906 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 63 Resp: 970379
Ion Ratio Lower Upper
63 100
106 32.7 26.2 39.4

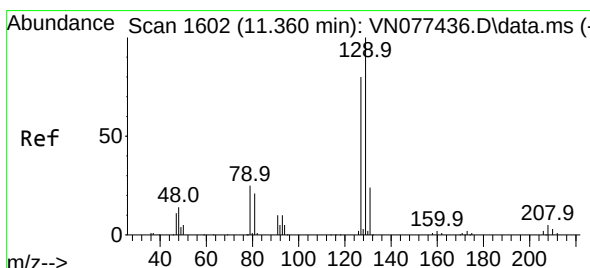
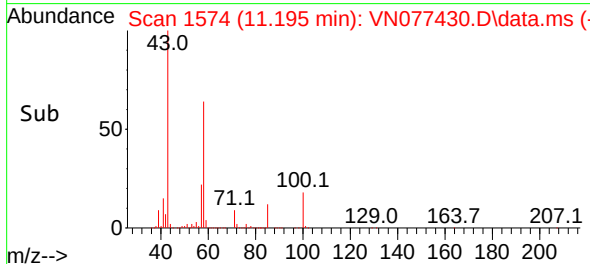
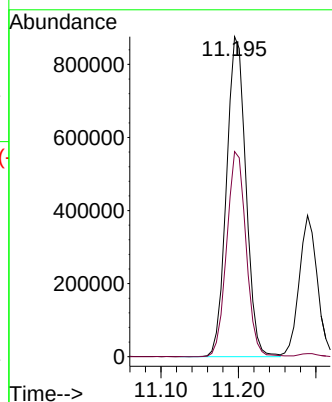
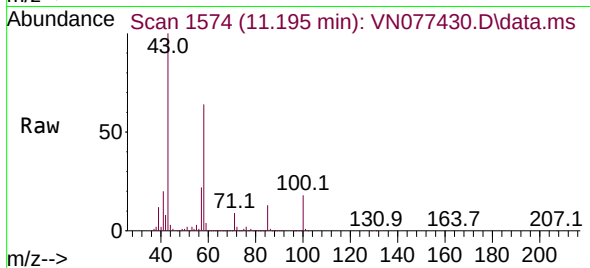




#59
2-Hexanone
Concen: 290.487 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

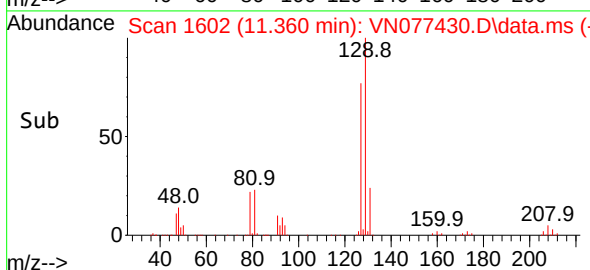
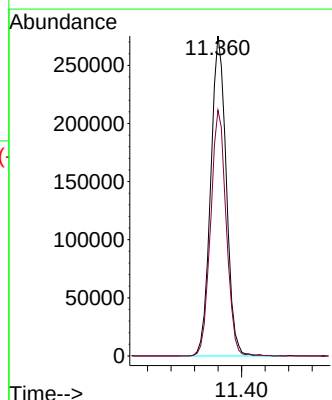
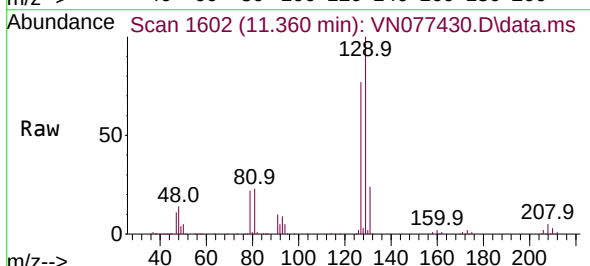
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

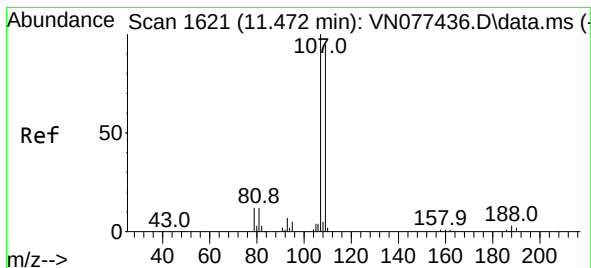
Tgt Ion: 43 Resp: 1527661
Ion Ratio Lower Upper
43 100
58 63.9 31.7 95.1



#60
Dibromochloromethane
Concen: 64.669 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion:129 Resp: 505377
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 60.983 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

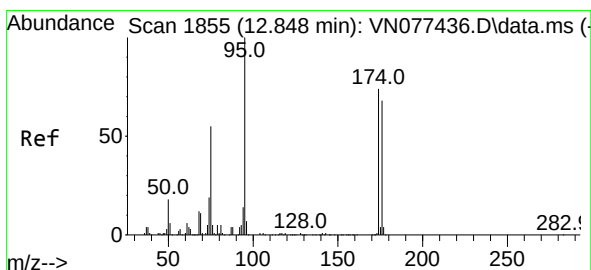
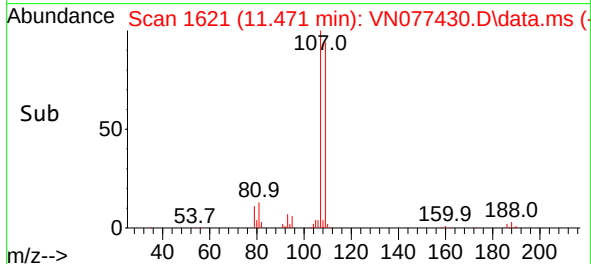
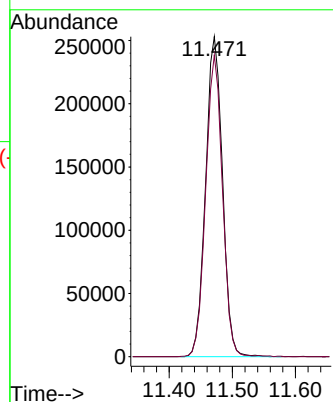
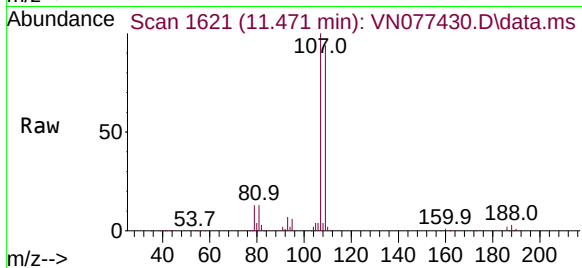
VSTDCCC050

Tgt Ion:107 Resp: 468813

Ion Ratio Lower Upper

107 100

109 93.6 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 62.356 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

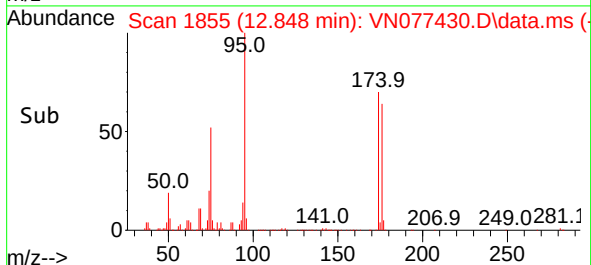
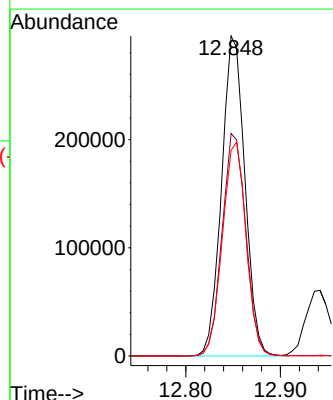
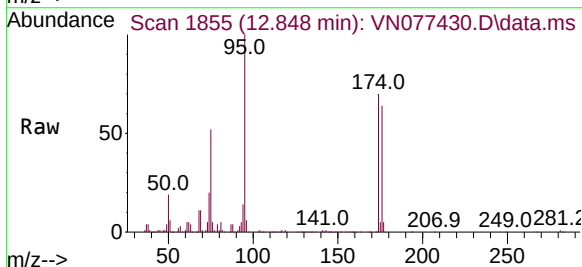
Tgt Ion: 95 Resp: 506223

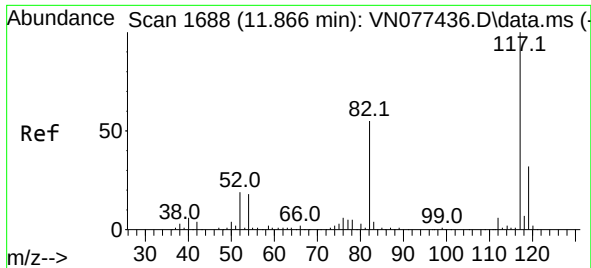
Ion Ratio Lower Upper

95 100

174 70.7 0.0 143.8

176 68.0 0.0 135.8

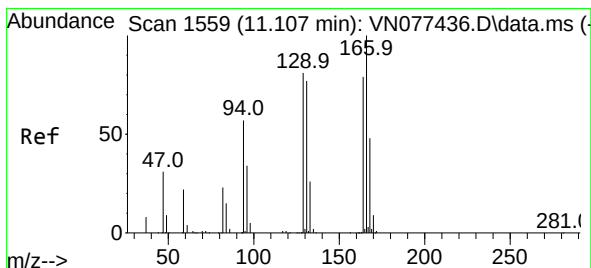
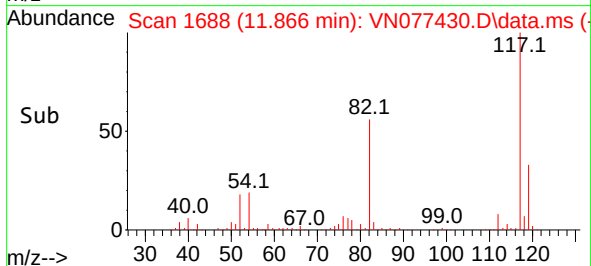
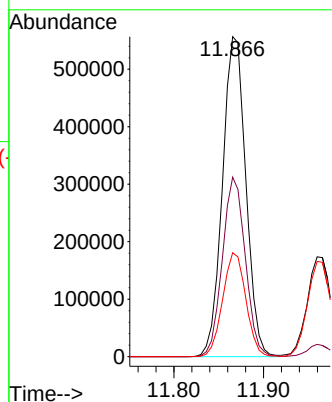
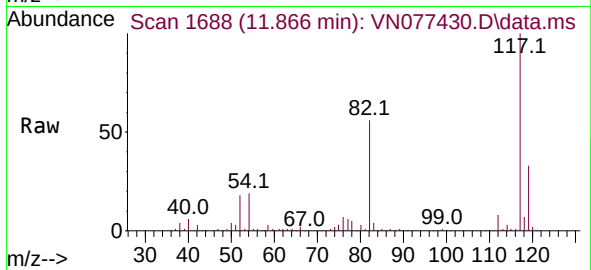




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

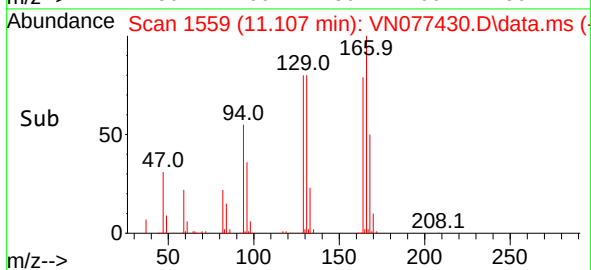
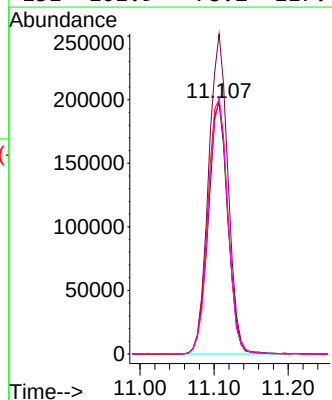
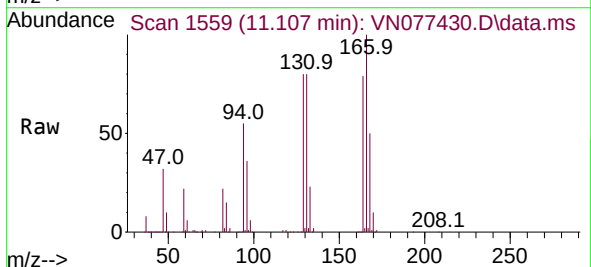
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

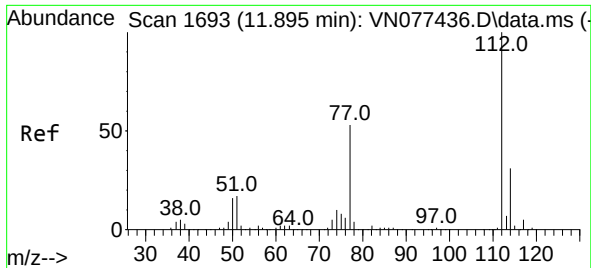
Tgt Ion:117 Resp: 1007829
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 59.797 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion:164 Resp: 360752
Ion Ratio Lower Upper
164 100
166 127.2 101.4 152.0
129 101.3 82.4 123.6
131 101.9 78.2 117.4

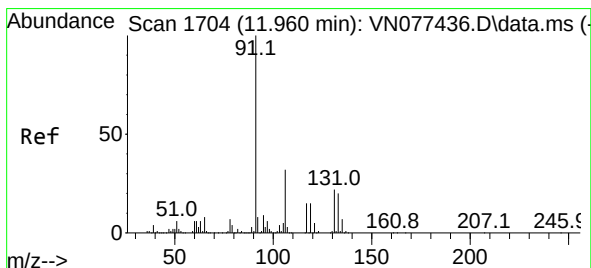
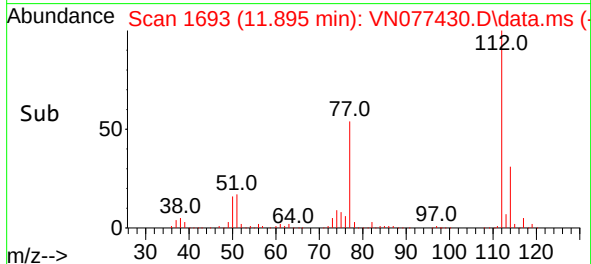
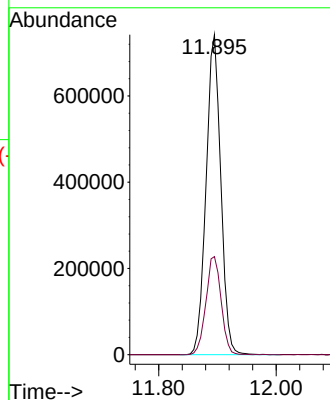
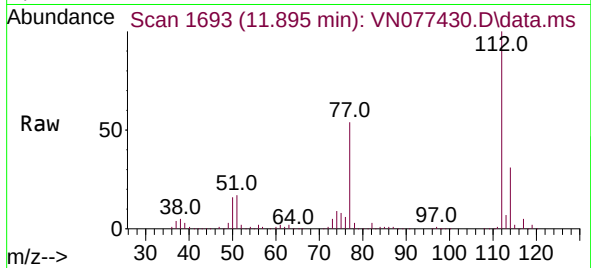




#65
Chlorobenzene
Concen: 60.144 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

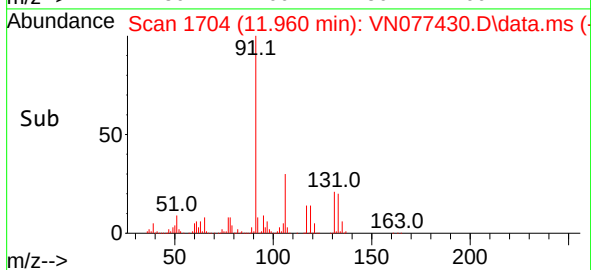
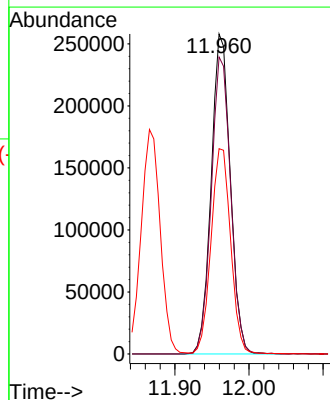
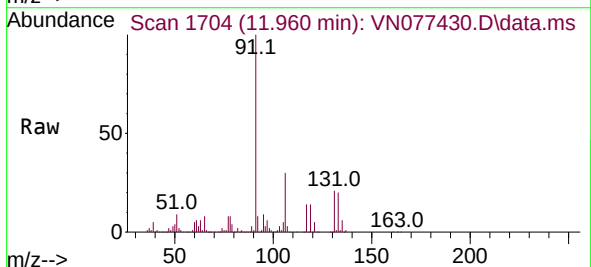
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

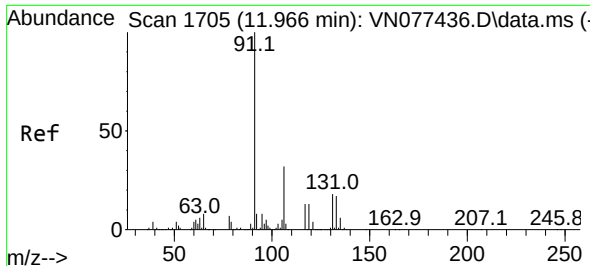
Tgt Ion:112 Resp: 1282648
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 59.473 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion:131 Resp: 461458
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 66.2 34.1 102.2





#67

Ethyl Benzene

Concen: 61.710 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

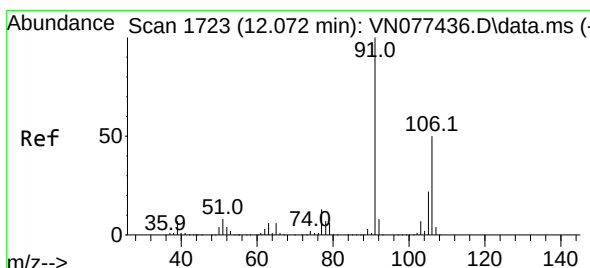
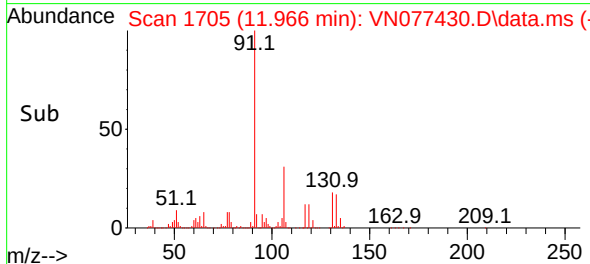
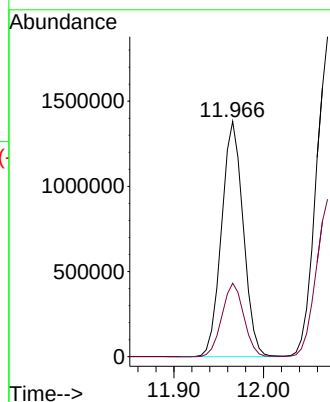
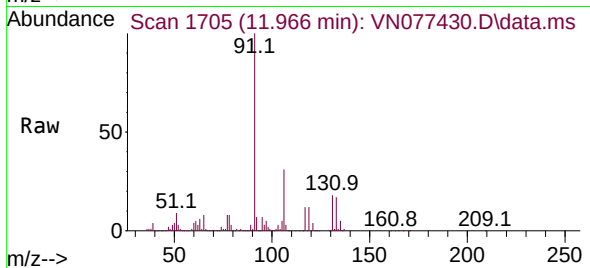
VSTDCCC050

Tgt Ion: 91 Resp: 2316772

Ion Ratio Lower Upper

91 100

106 31.2 25.6 38.4



#68

m/p-Xylenes

Concen: 124.026 ug/l

RT: 12.071 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VN077430.D

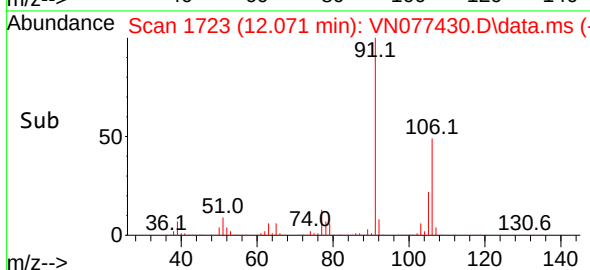
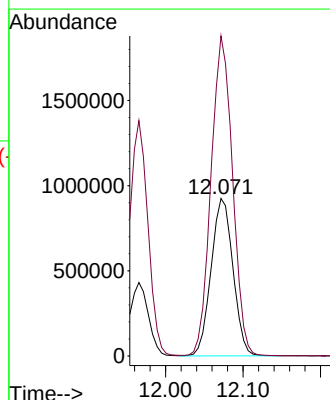
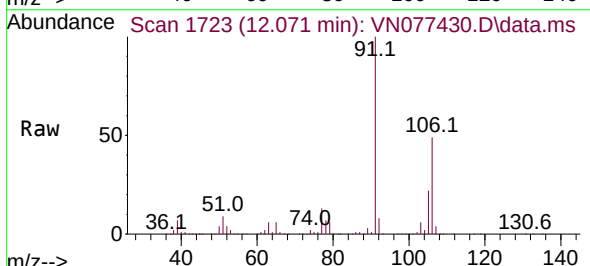
Acq: 24 Apr 2023 10:10

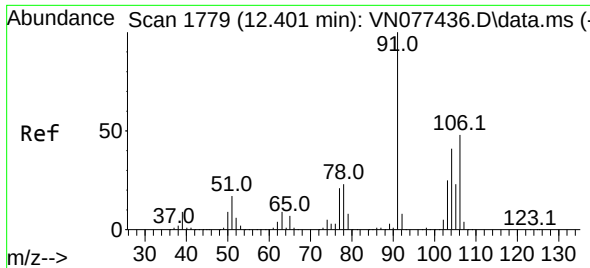
Tgt Ion:106 Resp: 1809681

Ion Ratio Lower Upper

106 100

91 200.4 159.6 239.4

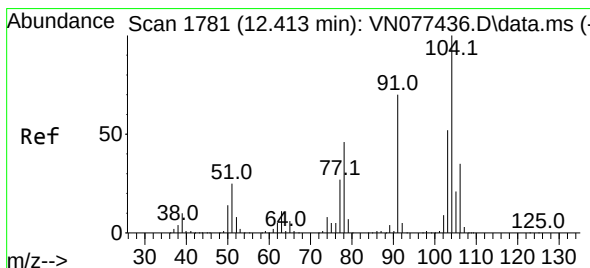
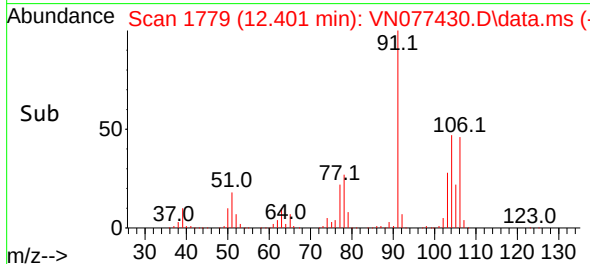
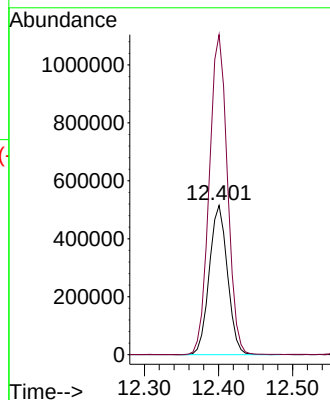
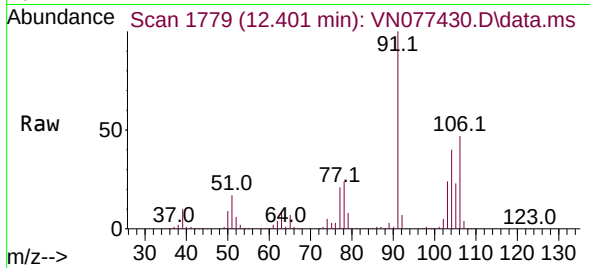




#69
o-Xylene
Concen: 61.203 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

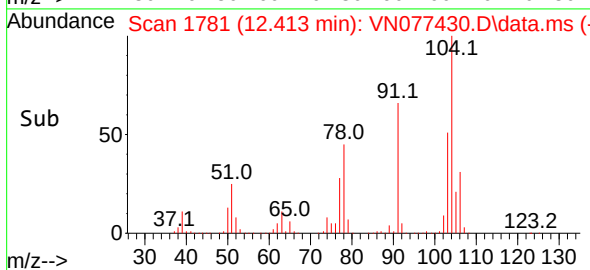
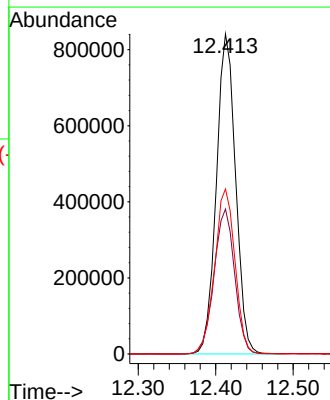
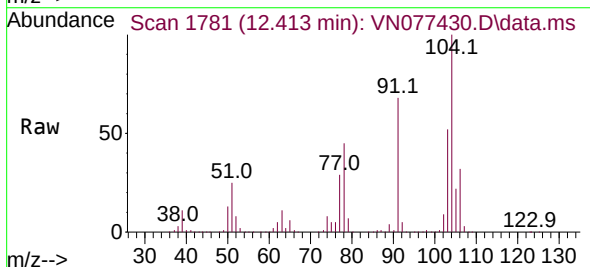
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

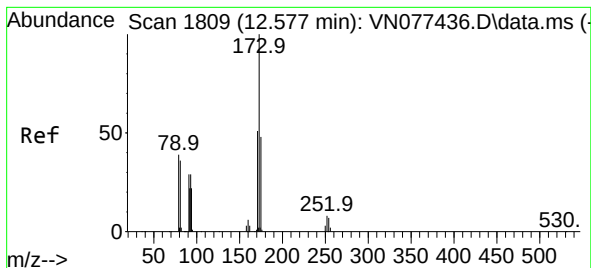
Tgt Ion:106 Resp: 878386
Ion Ratio Lower Upper
106 100
91 214.4 105.2 315.5



#70
Styrene
Concen: 64.638 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion:104 Resp: 1450781
Ion Ratio Lower Upper
104 100
78 48.6 39.5 59.3
103 54.6 43.2 64.8





#71

Bromoform

Concen: 62.846 ug/l

RT: 12.577 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

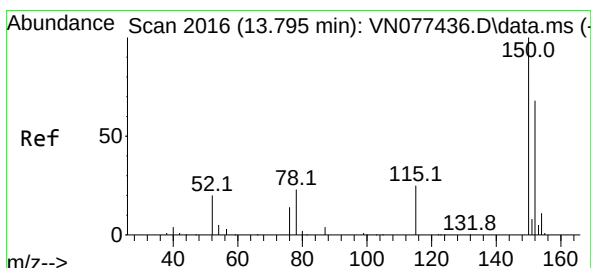
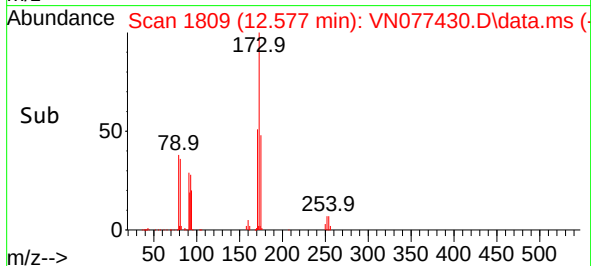
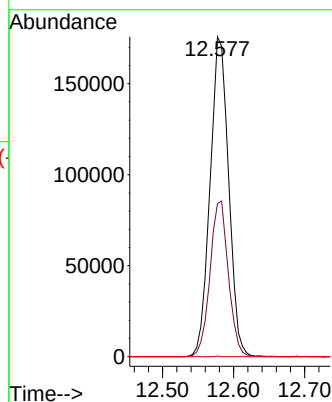
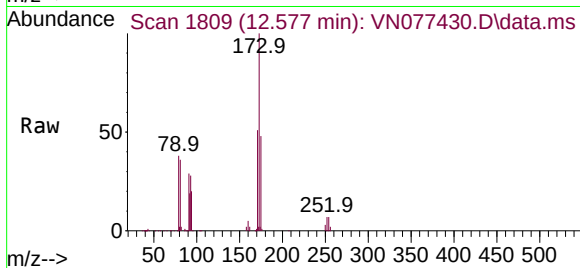
Tgt Ion:173 Resp: 319025

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.789 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

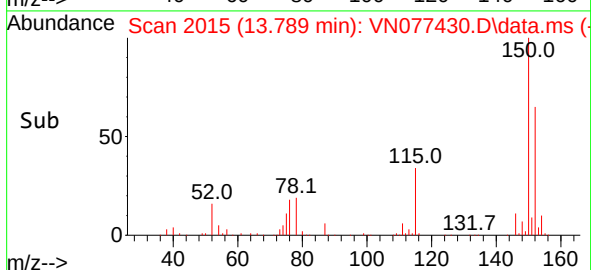
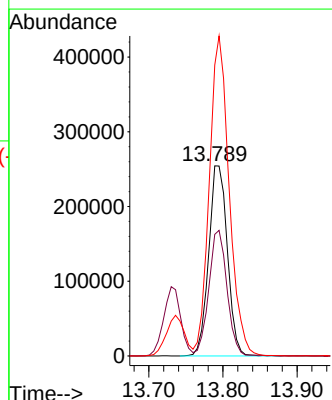
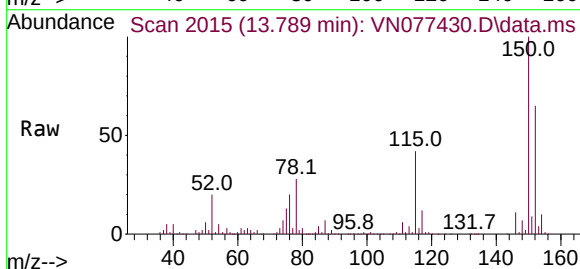
Tgt Ion:152 Resp: 445297

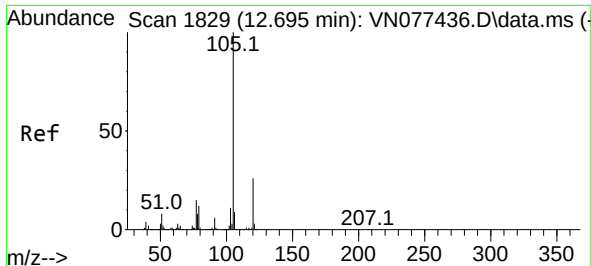
Ion Ratio Lower Upper

152 100

115 64.4 32.3 96.8

150 178.5 0.0 355.8

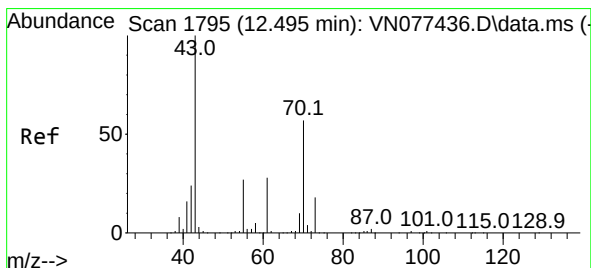
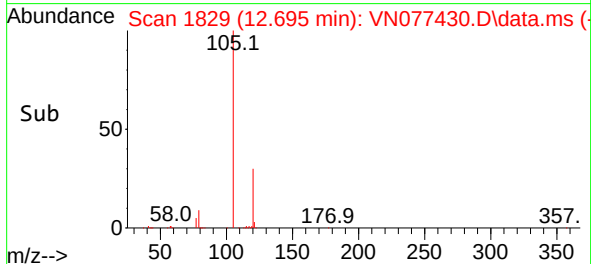
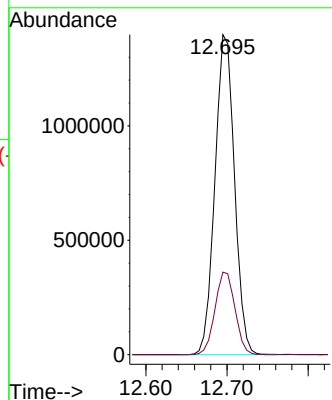
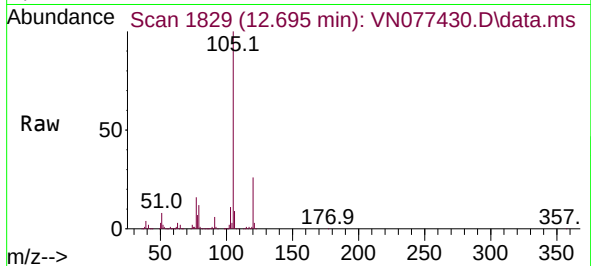




#73
Isopropylbenzene
Concen: 56.689 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

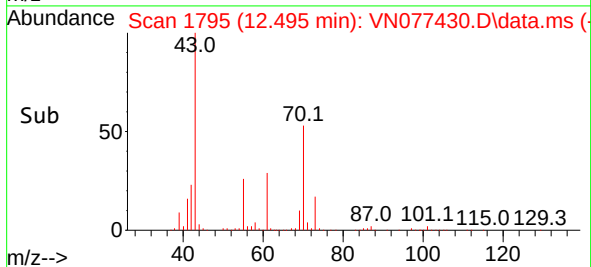
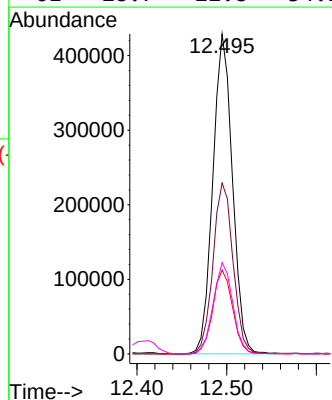
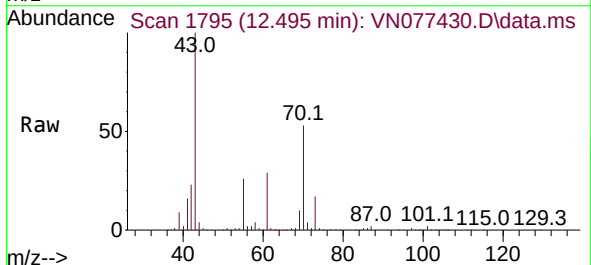
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

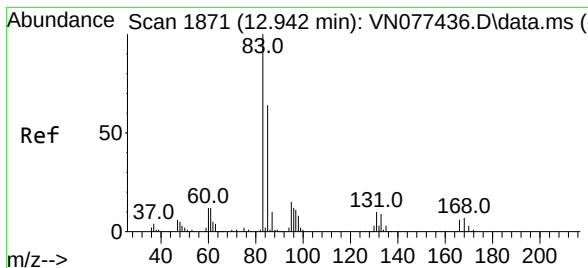
Tgt Ion:105 Resp: 2342463
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 53.183 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 43 Resp: 650613
Ion Ratio Lower Upper
43 100
70 54.9 43.4 65.2
55 26.7 21.4 32.0
61 28.7 22.8 34.2

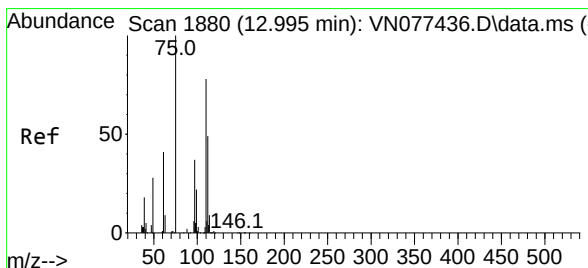
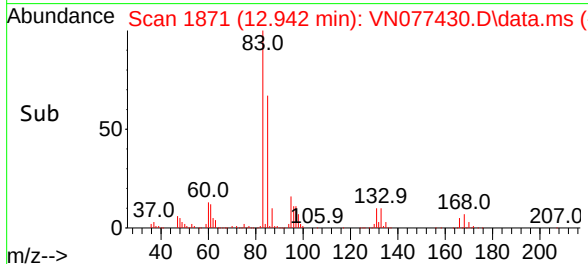
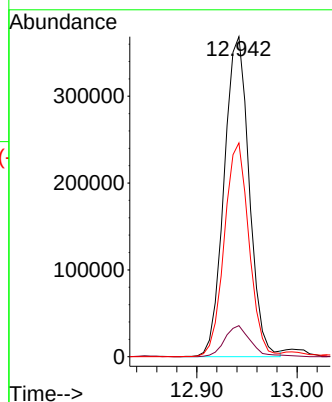
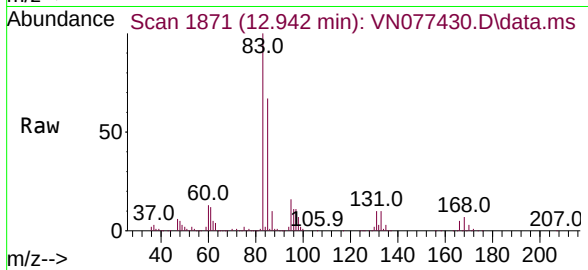




#75
1,1,2,2-Tetrachloroethane
Concen: 49.338 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

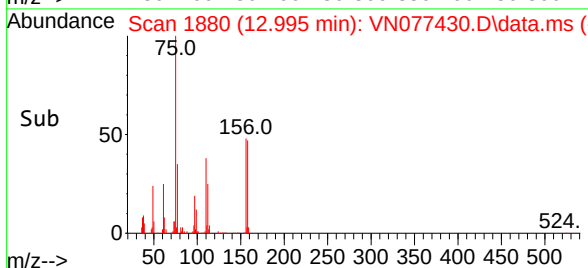
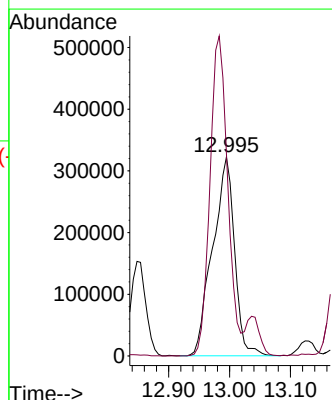
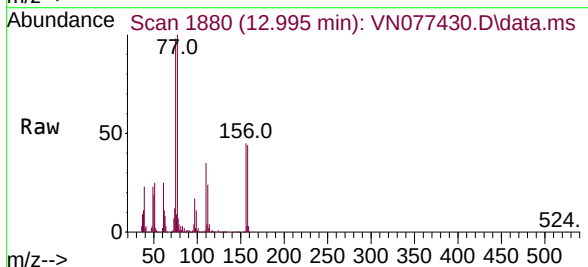
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

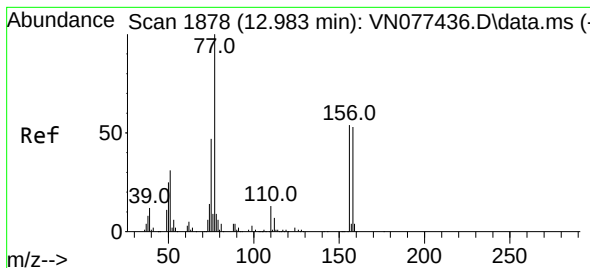
Tgt Ion: 83 Resp: 640572
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 65.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 75.989 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 75 Resp: 804031
Ion Ratio Lower Upper
75 100
77 130.3 84.5 253.5





#77

Bromobenzene

Concen: 53.081 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

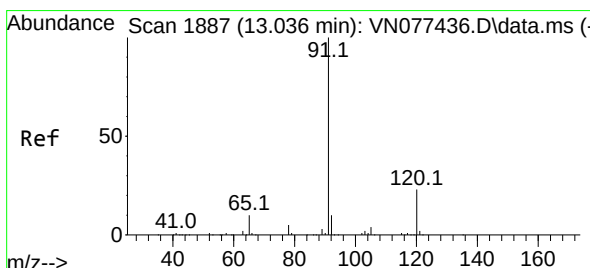
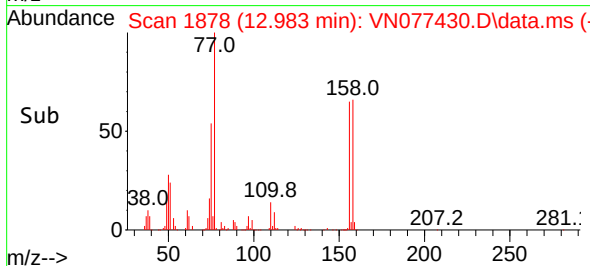
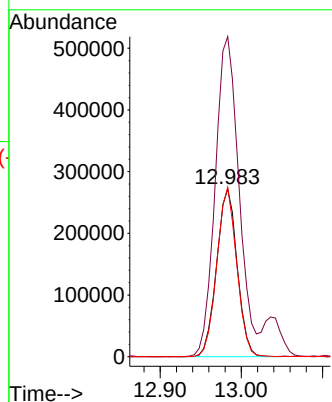
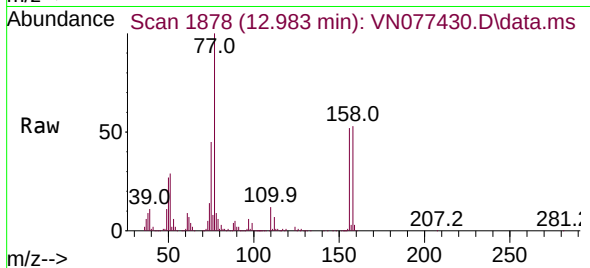
Tgt Ion:156 Resp: 478030

Ion Ratio Lower Upper

156 100

77 219.1 107.7 323.3

158 97.8 48.4 145.3



#78

n-propylbenzene

Concen: 58.677 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.000 min

Lab File: VN077430.D

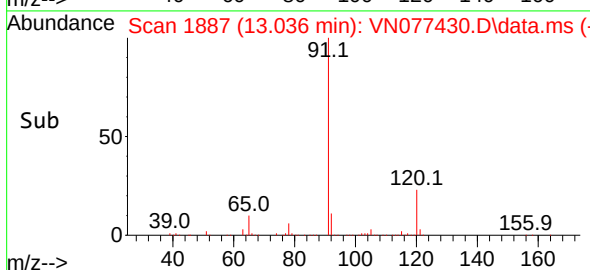
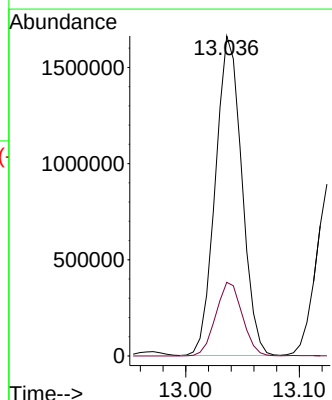
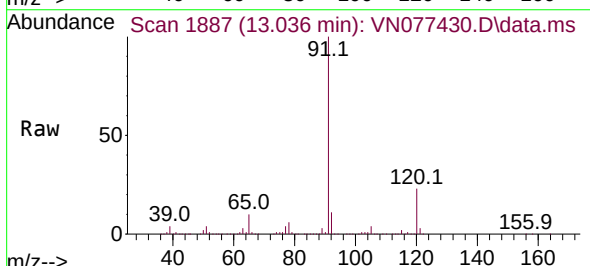
Acq: 24 Apr 2023 10:10

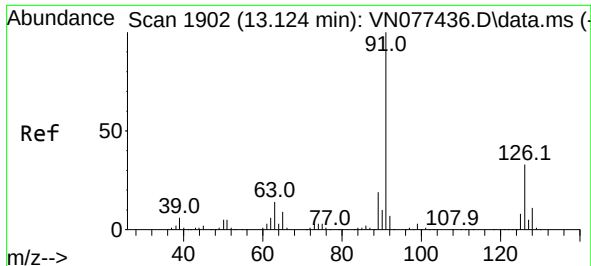
Tgt Ion: 91 Resp: 2680919

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 55.764 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

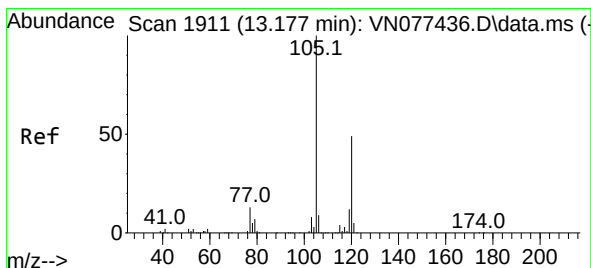
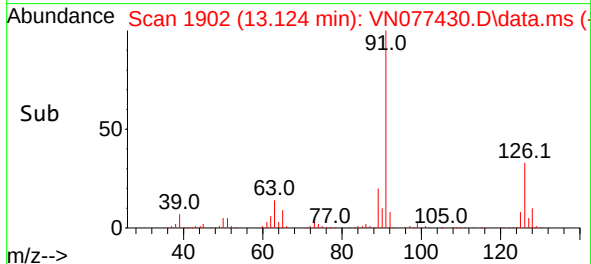
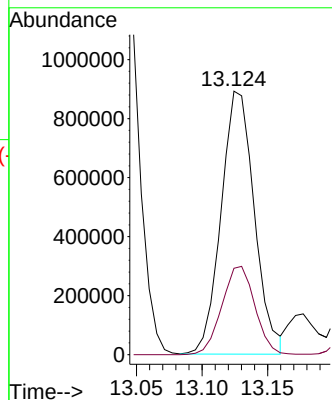
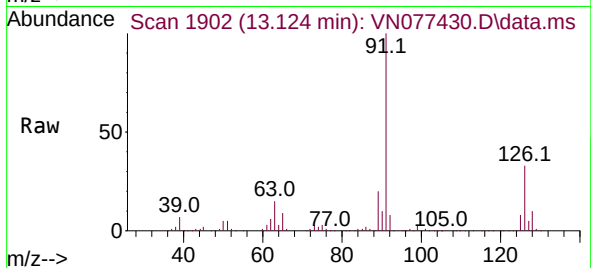
VSTDCCC050

Tgt Ion: 91 Resp: 1570853

Ion Ratio Lower Upper

91 100

126 33.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 63.844 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN077430.D

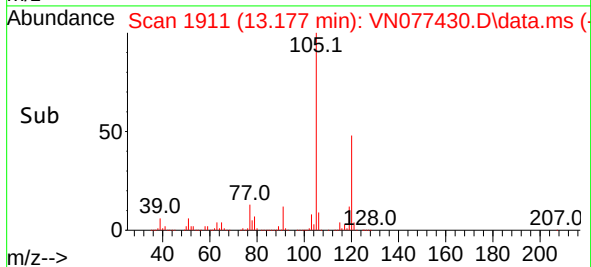
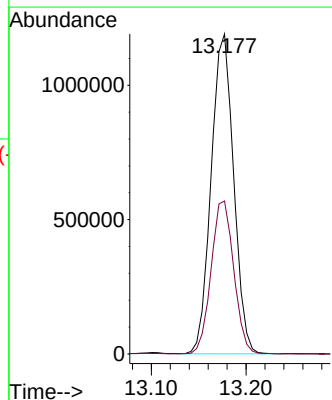
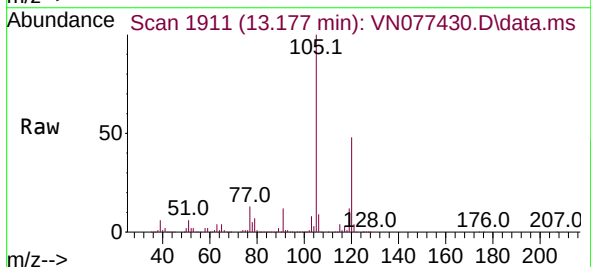
Acq: 24 Apr 2023 10:10

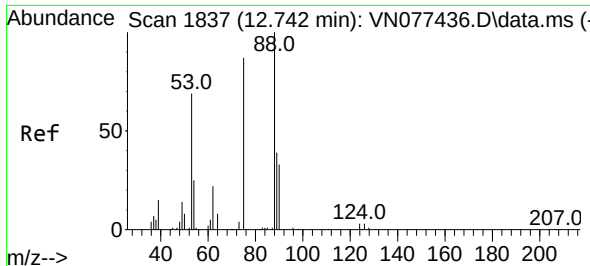
Tgt Ion:105 Resp: 1959167

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3

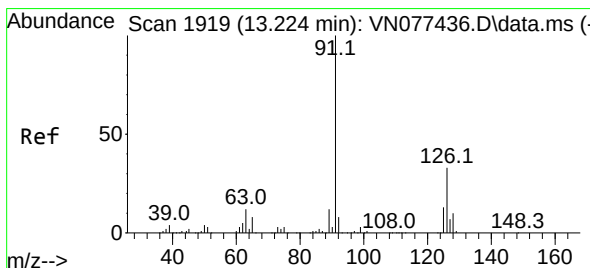
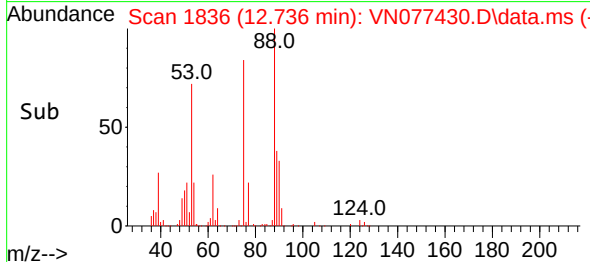
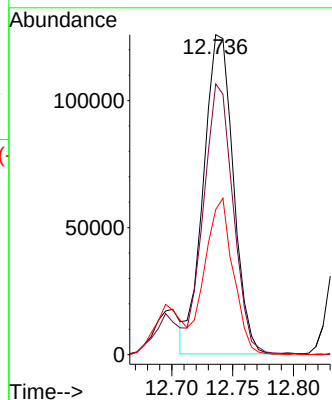
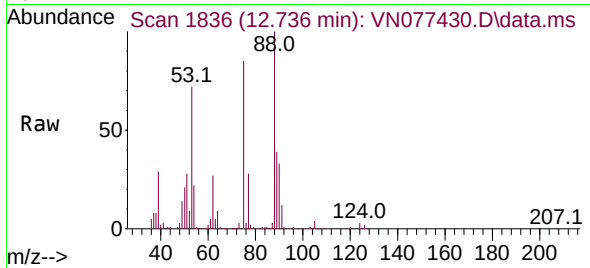




#81
trans-1,4-Dichloro-2-butene
Concen: 60.289 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

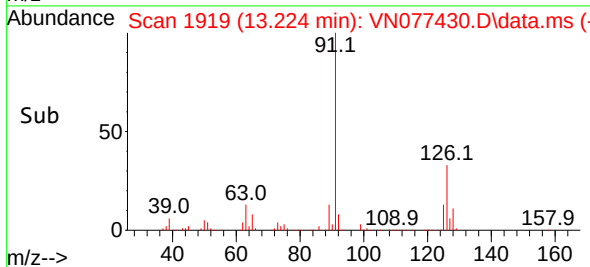
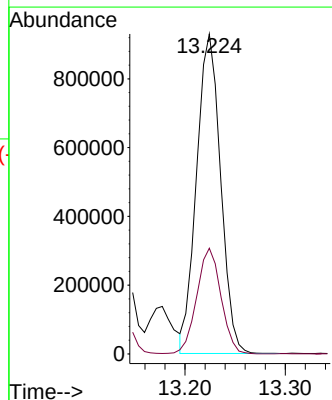
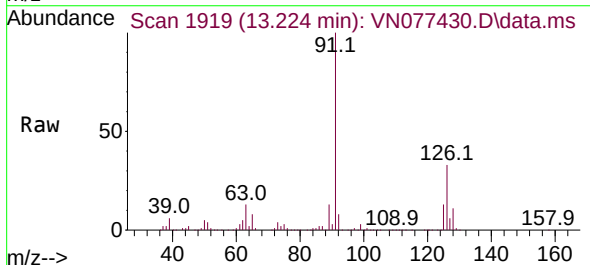
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

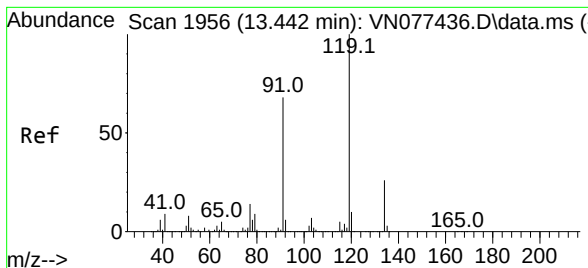
Tgt Ion: 75 Resp: 214901
Ion Ratio Lower Upper
75 100
53 83.3 67.4 101.2
89 46.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 58.787 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 91 Resp: 1547440
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 55.917 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

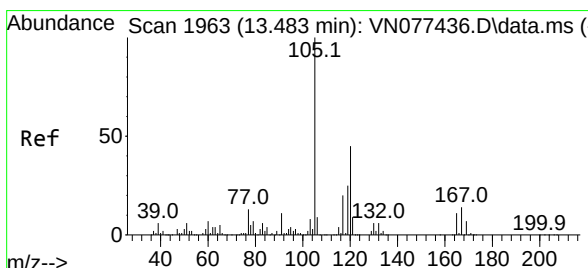
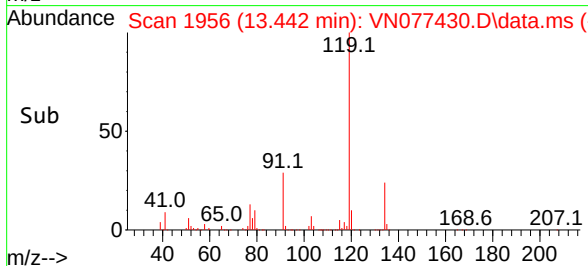
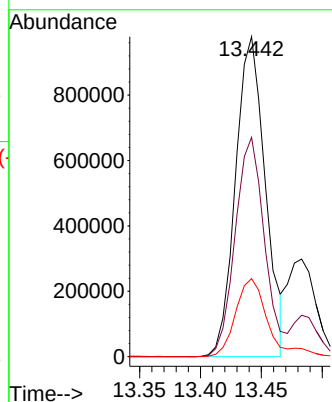
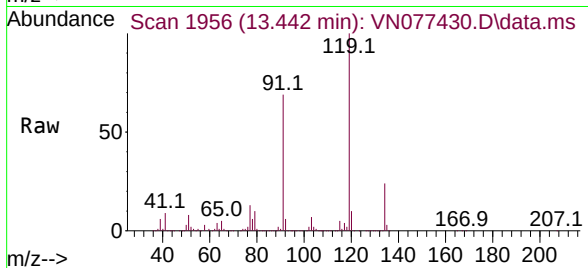
Tgt Ion:119 Resp: 1666361

Ion Ratio Lower Upper

119 100

91 68.2 33.9 101.7

134 26.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 67.088 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077430.D

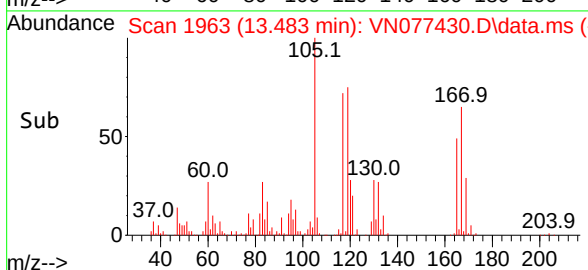
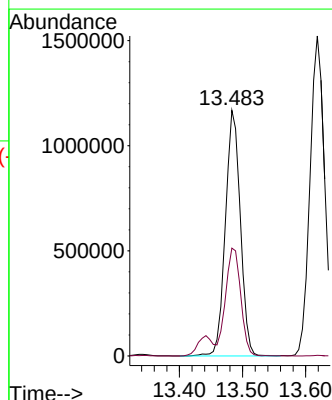
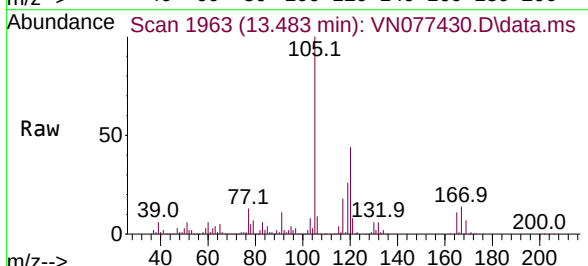
Acq: 24 Apr 2023 10:10

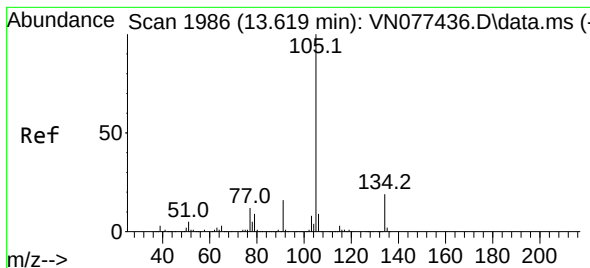
Tgt Ion:105 Resp: 1922659

Ion Ratio Lower Upper

105 100

120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 60.014 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

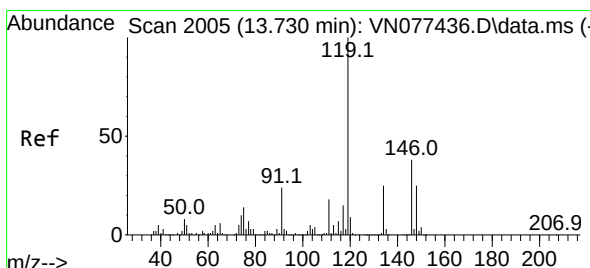
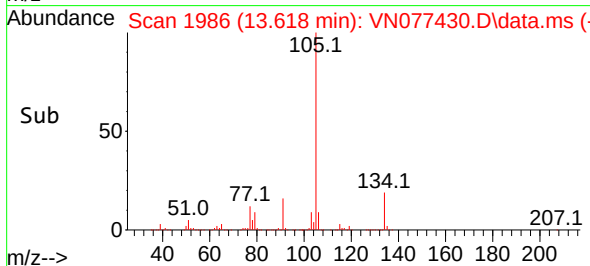
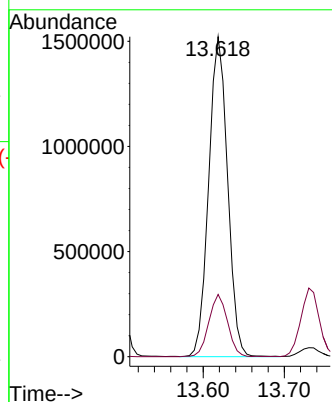
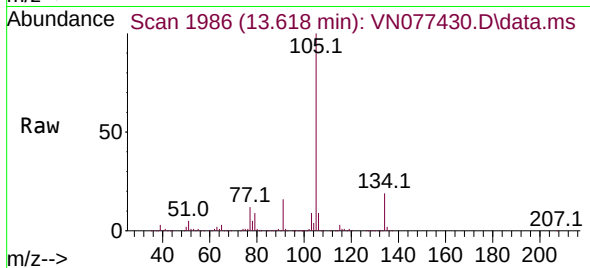
VSTDCCC050

Tgt Ion:105 Resp: 2454810

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 63.240 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

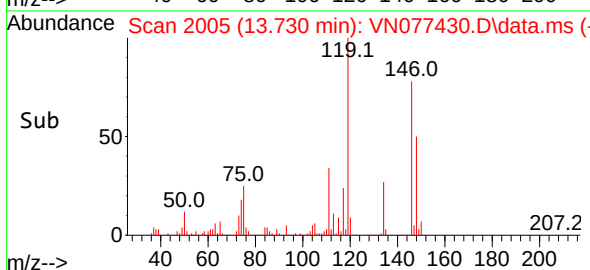
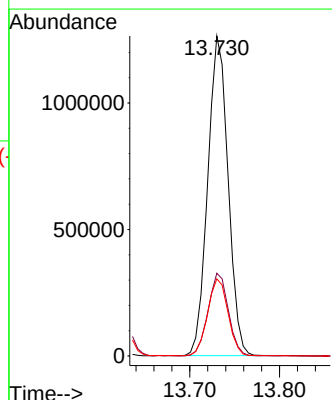
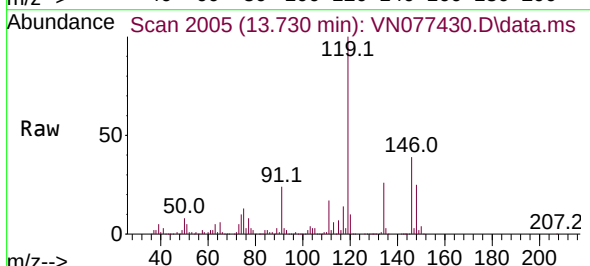
Tgt Ion:119 Resp: 1990292

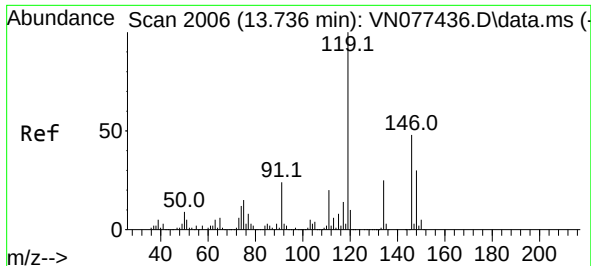
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.8

91 24.1 12.4 37.2

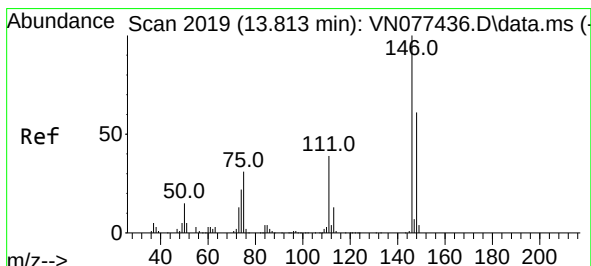
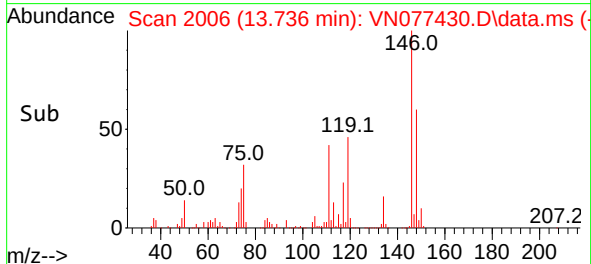
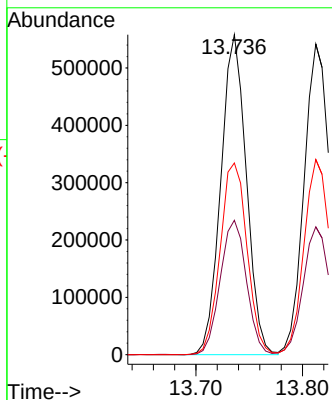
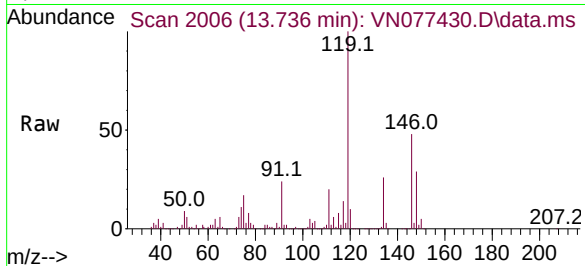




#87
1,3-Dichlorobenzene
Concen: 58.015 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

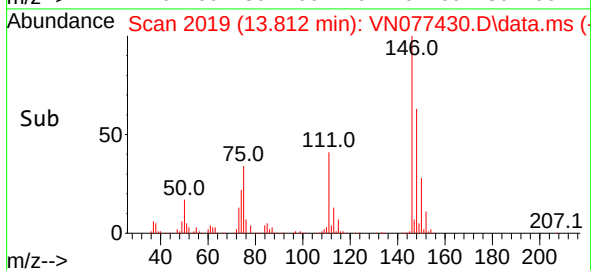
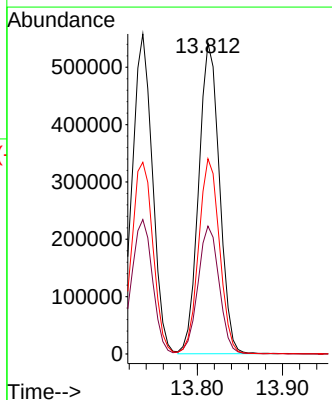
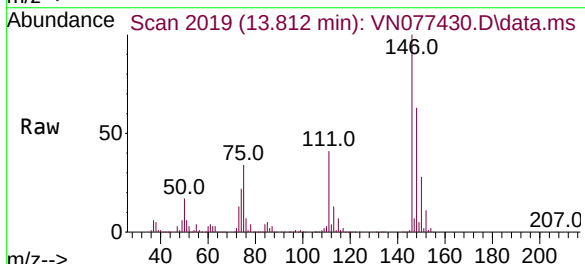
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

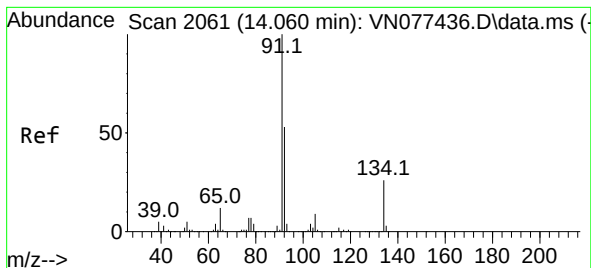
Tgt Ion:146 Resp: 929174
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.3
148 63.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 58.148 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion:146 Resp: 918790
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.8
148 63.0 31.6 94.8





#89

n-Butylbenzene

Concen: 71.414 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077430.D

Acq: 24 Apr 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

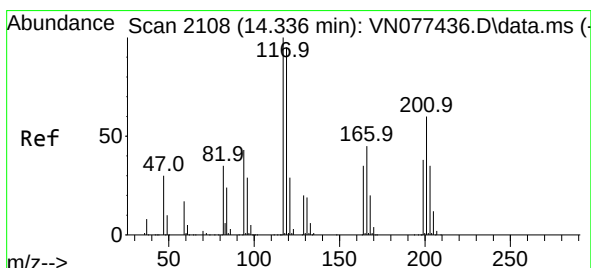
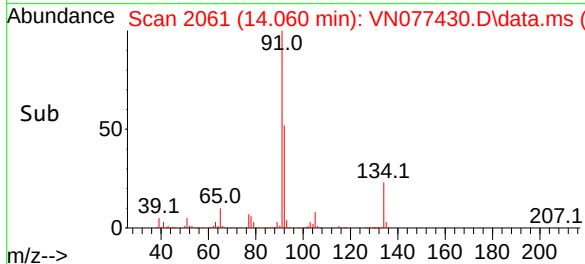
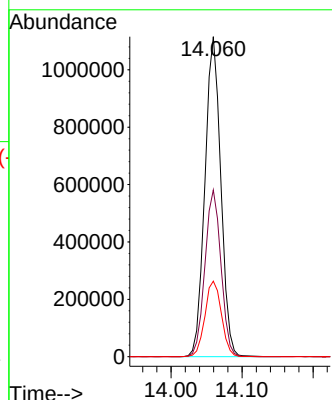
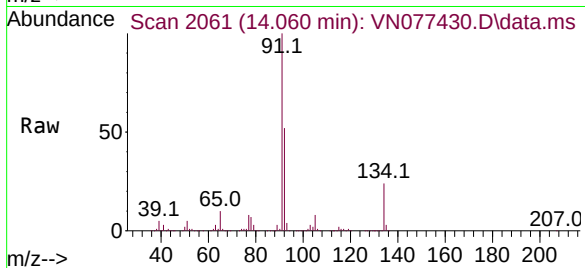
Tgt Ion: 91 Resp: 1739361

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.0

134 24.6 12.6 37.6



#90

Hexachloroethane

Concen: 57.515 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077430.D

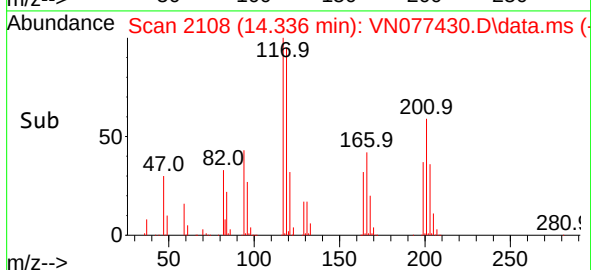
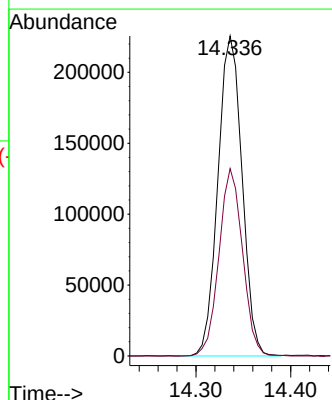
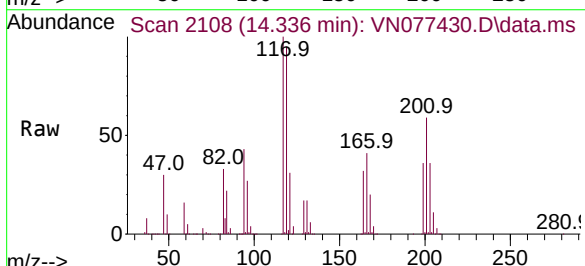
Acq: 24 Apr 2023 10:10

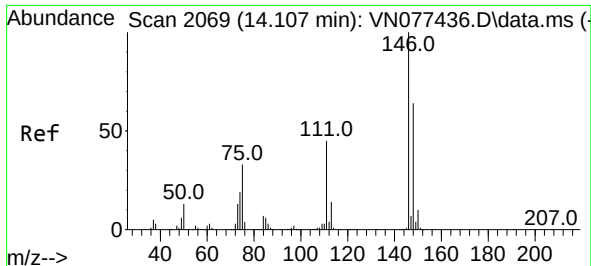
Tgt Ion: 117 Resp: 399902

Ion Ratio Lower Upper

117 100

201 57.2 29.3 88.0

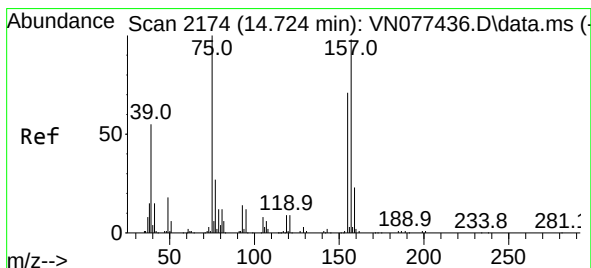
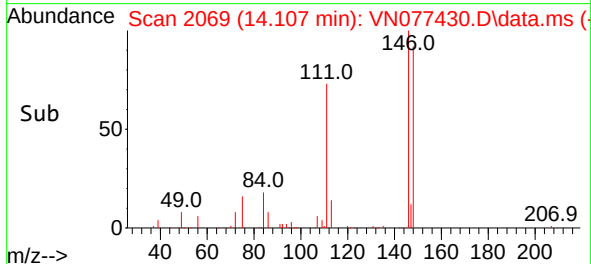
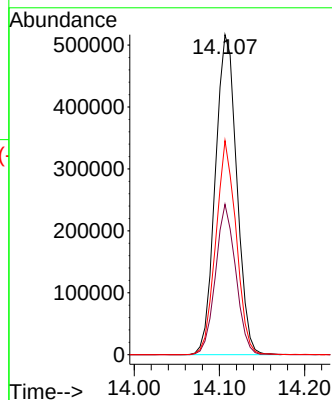
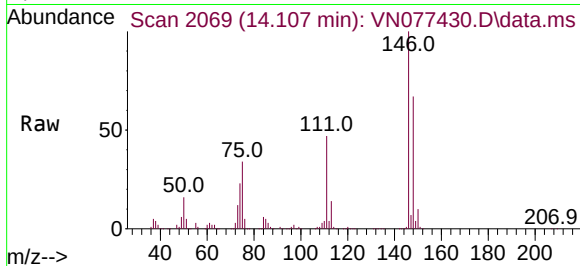




#91
1,2-Dichlorobenzene
Concen: 56.884 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

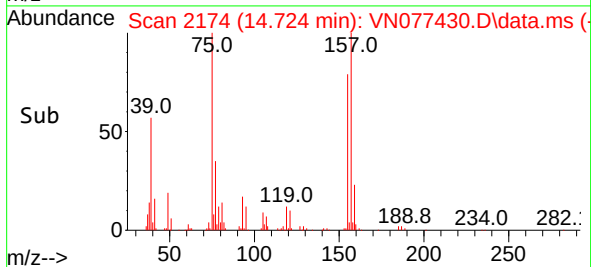
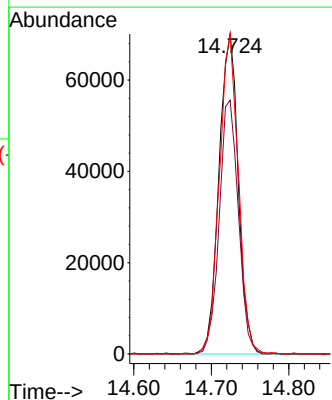
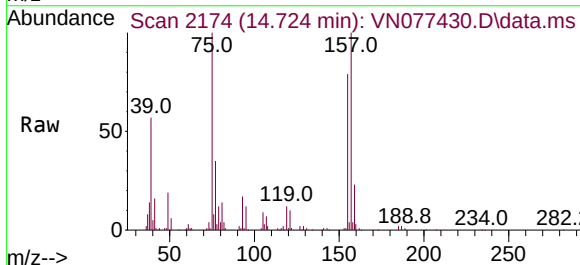
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

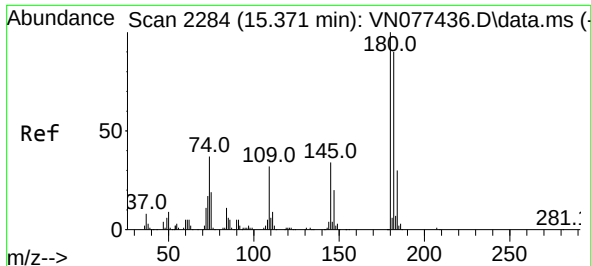
Tgt Ion:146 Resp: 903612
Ion Ratio Lower Upper
146 100
111 44.3 22.0 66.0
148 63.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.563 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion: 75 Resp: 121397
Ion Ratio Lower Upper
75 100
155 78.8 39.1 117.2
157 98.8 50.3 150.9

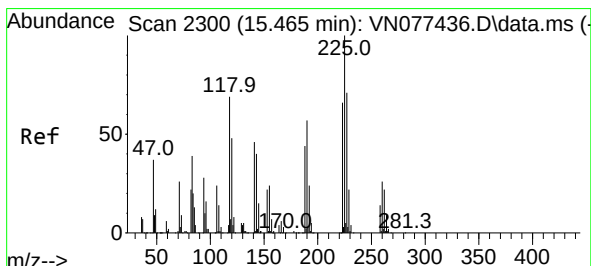
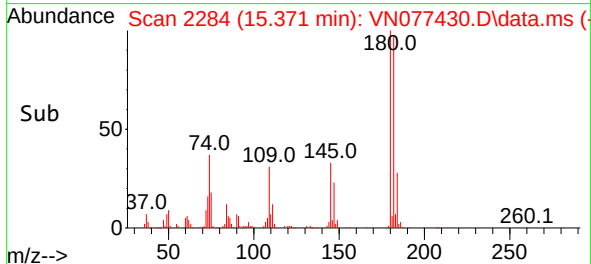
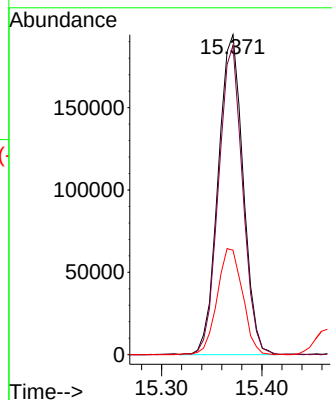
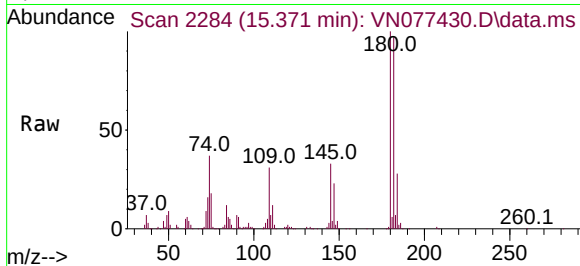




#93
1,2,4-Trichlorobenzene
Concen: 60.582 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

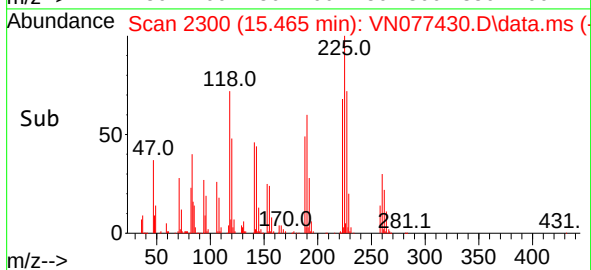
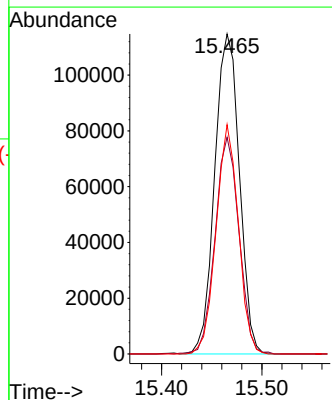
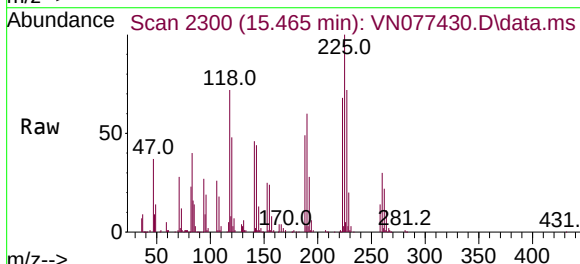
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

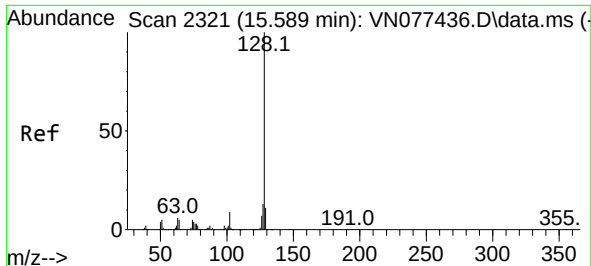
Tgt Ion:180 Resp: 335436
Ion Ratio Lower Upper
180 100
182 93.4 46.1 138.2
145 33.9 16.6 49.8



#94
Hexachlorobutadiene
Concen: 61.081 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion:225 Resp: 196069
Ion Ratio Lower Upper
225 100
223 65.6 31.3 93.8
227 64.7 31.9 95.9

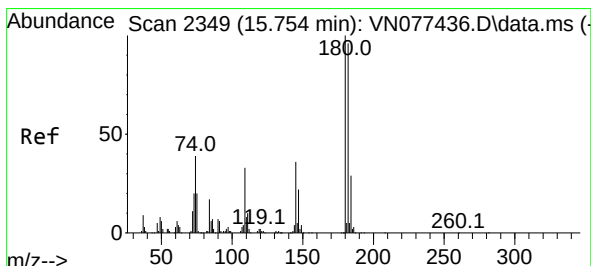
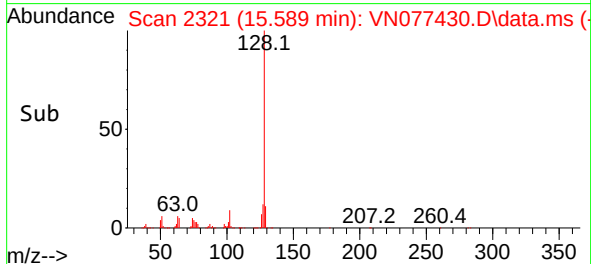
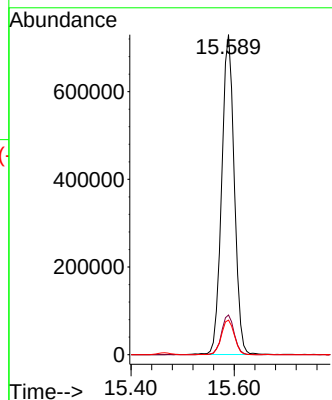
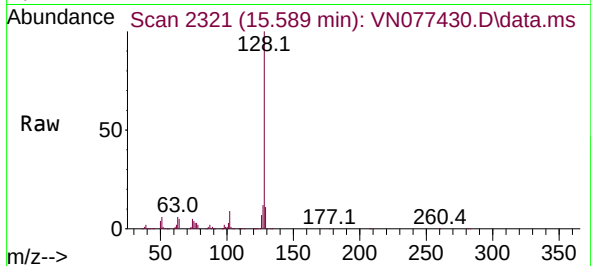




#95
Naphthalene
Concen: 58.997 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1233921
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 58.844 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077430.D
Acq: 24 Apr 2023 10:10

Tgt Ion:180 Resp: 301216
Ion Ratio Lower Upper
180 100
182 96.3 46.2 138.6
145 36.9 17.5 52.6

