

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077320.D
 Acq On : 13 Apr 2023 11:46
 Operator : JC\MD
 Sample : VN0413WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBSD01

Quant Time: Apr 14 07:22:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	413620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	796969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	703728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	295139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	272447	48.194	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.380%
35) Dibromofluoromethane	8.172	113	243219	47.672	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	10.572	98	943850	45.955	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.900%
62) 4-Bromofluorobenzene	12.854	95	316131	46.279	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	85702	16.234	ug/l	96
3) Chloromethane	2.372	50	103022	15.747	ug/l	98
4) Vinyl Chloride	2.525	62	143135	16.137	ug/l	98
5) Bromomethane	2.966	94	110861	17.240	ug/l	86
6) Chloroethane	3.131	64	100632	15.897	ug/l	96
7) Trichlorofluoromethane	3.502	101	140614	18.282	ug/l	97
8) Diethyl Ether	3.972	74	60991	18.924	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.372	101	86227	18.319	ug/l	97
10) Methyl Iodide	4.601	142	101985	17.816	ug/l	96
11) Tert butyl alcohol	5.531	59	96399	83.570	ug/l	98
12) 1,1-Dichloroethene	4.348	96	82891	17.108	ug/l	92
13) Acrolein	4.184	56	103888	95.092	ug/l	98
14) Allyl chloride	5.031	41	113099	15.455	ug/l	96
15) Acrylonitrile	5.731	53	231003	90.584	ug/l	97
16) Acetone	4.437	43	180288	86.497	ug/l	99
17) Carbon Disulfide	4.725	76	219995	16.838	ug/l	100
18) Methyl Acetate	5.037	43	140506	17.700	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	309619	18.009	ug/l	96
20) Methylene Chloride	5.290	84	103220	17.535	ug/l	96
21) trans-1,2-Dichloroethene	5.790	96	91004	17.154	ug/l	89
22) Diisopropyl ether	6.678	45	257594	17.558	ug/l	98
23) Vinyl Acetate	6.613	43	851475	85.834	ug/l	99
24) 1,1-Dichloroethane	6.584	63	163377	17.245	ug/l	98
25) 2-Butanone	7.489	43	286161	84.593	ug/l	98
26) 2,2-Dichloropropane	7.495	77	155587	17.910	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	111717	17.244	ug/l	99
28) Bromochloromethane	7.819	49	71040	18.641	ug/l	98
29) Tetrahydrofuran	7.842	42	174147	80.084	ug/l	93
30) Chloroform	7.972	83	180236	17.840	ug/l	94
31) Cyclohexane	8.260	56	144811	16.485	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	160380	17.455	ug/l	95
36) 1,1-Dichloropropene	8.378	75	130138	17.246	ug/l	99
37) Ethyl Acetate	7.572	43	117147	17.352	ug/l	99
38) Carbon Tetrachloride	8.372	117	135786	17.564	ug/l	94
39) Methylcyclohexane	9.607	83	176252	17.322	ug/l	94
40) Benzene	8.607	78	414951	17.630	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	61573	16.967	ug/l	99
42) 1,2-Dichloroethane	8.678	62	131345	18.132	ug/l	96
43) Isopropyl Acetate	8.689	43	214219	17.196	ug/l	99
44) Trichloroethene	9.360	130	103586	18.394	ug/l	93
45) 1,2-Dichloropropane	9.631	63	100719	18.018	ug/l	95
46) Dibromomethane	9.713	93	77411	18.381	ug/l	99
47) Bromodichloromethane	9.889	83	149732	17.787	ug/l	100
48) Methyl methacrylate	9.683	41	92534	17.412	ug/l	98
49) 1,4-Dioxane	9.695	88	43856	340.380	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	631855	87.747	ug/l	100
52) Toluene	10.636	92	274856	17.841	ug/l	99
53) t-1,3-Dichloropropene	10.842	75	166167	18.178	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	176102	18.087	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	111127	18.376	ug/l	97
56) Ethyl methacrylate	10.878	69	166917	17.721	ug/l	98
57) 1,3-Dichloropropane	11.166	76	181803	18.197	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	251389	89.656	ug/l	97
59) 2-Hexanone	11.201	43	461696	86.063	ug/l	100
60) Dibromochloromethane	11.366	129	115821	18.596	ug/l	99
61) 1,2-Dibromoethane	11.477	107	112257	18.598	ug/l	99
64) Tetrachloroethene	11.107	164	79368	18.257	ug/l	95
65) Chlorobenzene	11.895	112	292059	18.851	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.966	131	107484	18.335	ug/l	100
67) Ethyl Benzene	11.966	91	519833	18.182	ug/l	98
68) m/p-Xylenes	12.077	106	407920	36.312	ug/l	98
69) o-Xylene	12.401	106	199690	18.019	ug/l	98
70) Styrene	12.413	104	322317	18.073	ug/l	98
71) Bromoform	12.583	173	75213	18.226	ug/l #	99
73) Isopropylbenzene	12.701	105	513924	17.928	ug/l	100
74) N-amyl acetate	12.495	43	181366	16.695	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	166099	18.463	ug/l	98
76) 1,2,3-Trichloropropane	13.001	75	202994	28.883	ug/l	58
77) Bromobenzene	12.983	156	107181	18.388	ug/l	96
78) n-propylbenzene	13.042	91	571603	18.046	ug/l	100
79) 2-Chlorotoluene	13.130	91	344434	18.059	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	420915	18.384	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	54917	17.584	ug/l	90
82) 4-Chlorotoluene	13.224	91	324948	18.071	ug/l	100
83) tert-Butylbenzene	13.442	119	369072	18.110	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	402045	17.774	ug/l	100
85) sec-Butylbenzene	13.624	105	518336	18.250	ug/l	100
86) p-Isopropyltoluene	13.736	119	410030	18.369	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	197550	18.319	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	190817	17.944	ug/l	99
89) n-Butylbenzene	14.060	91	329004	17.754	ug/l	99
90) Hexachloroethane	14.342	117	86217	17.665	ug/l	99
91) 1,2-Dichlorobenzene	14.113	146	199715	18.513	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	27194	15.950	ug/l	96
93) 1,2,4-Trichlorobenzene	15.371	180	61225	15.722	ug/l	98
94) Hexachlorobutadiene	15.465	225	39437	17.495	ug/l	96
95) Naphthalene	15.589	128	230722	15.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	56248	15.100	ug/l	96

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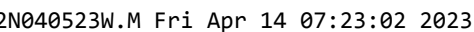
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

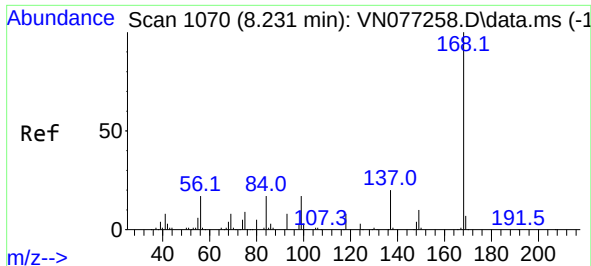
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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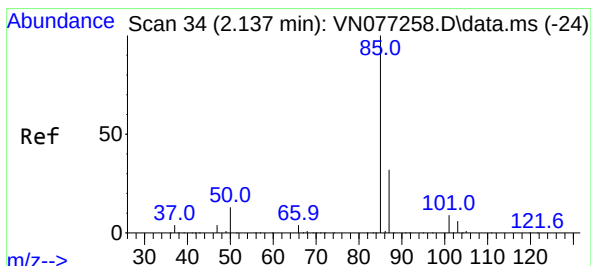
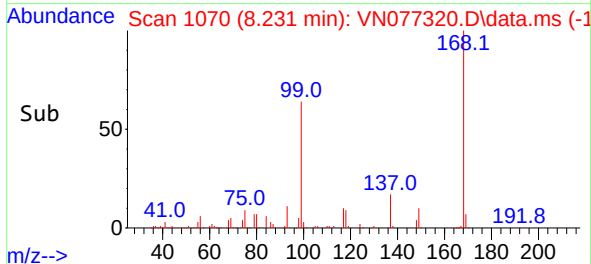
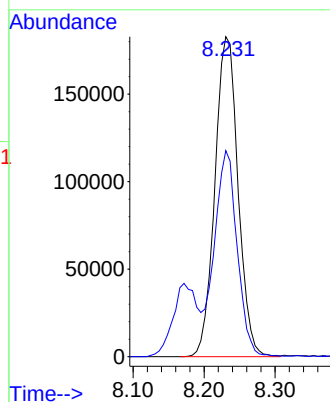
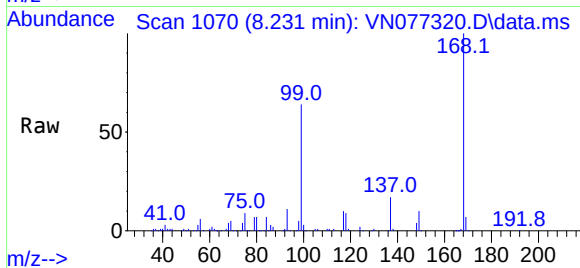




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
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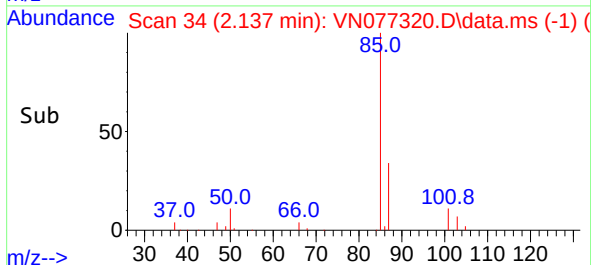
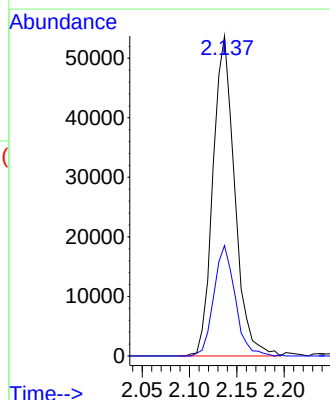
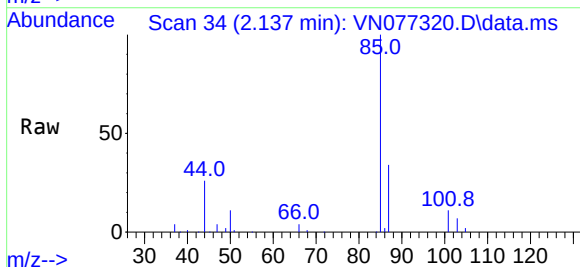
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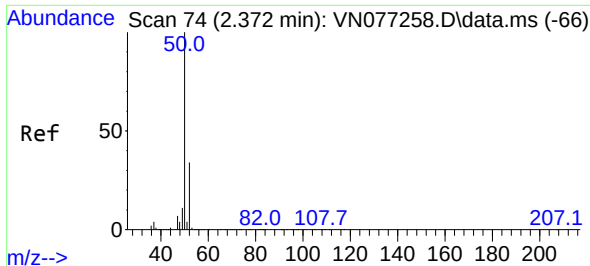
Tgt Ion:168 Resp: 413620
Ion Ratio Lower Upper
168 100
99 64.2 50.6 75.8



#2
Dichlorodifluoromethane
Concen: 16.234 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 85 Resp: 85702
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2

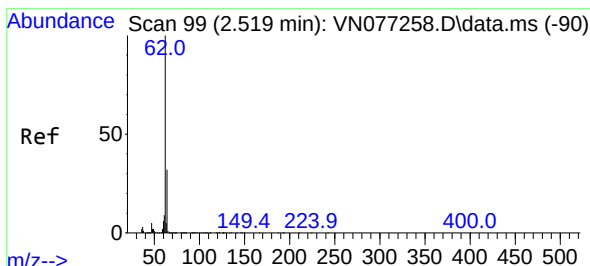
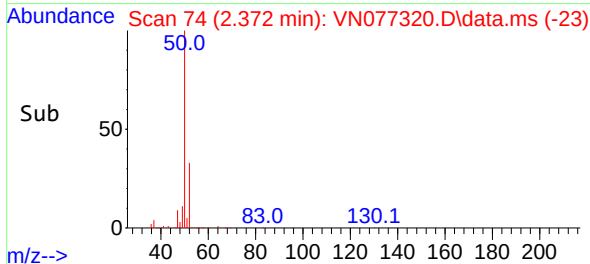
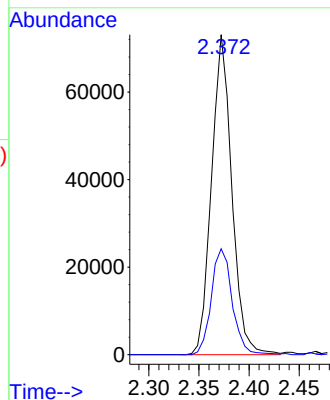
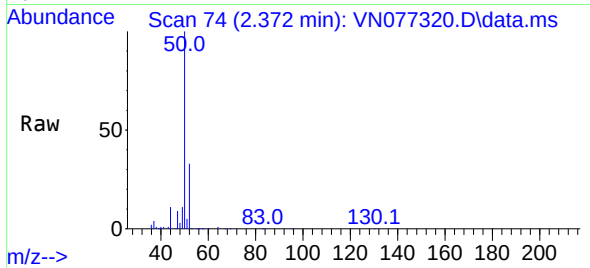




#3
Chloromethane
Concen: 15.747 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

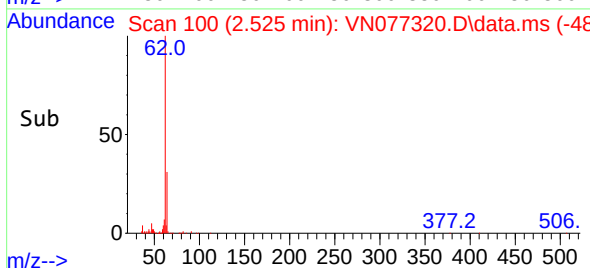
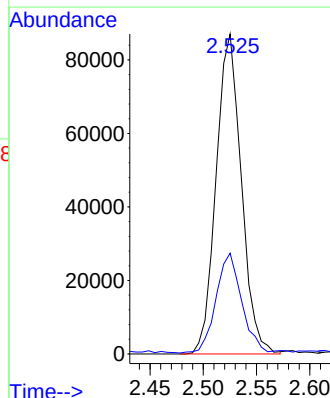
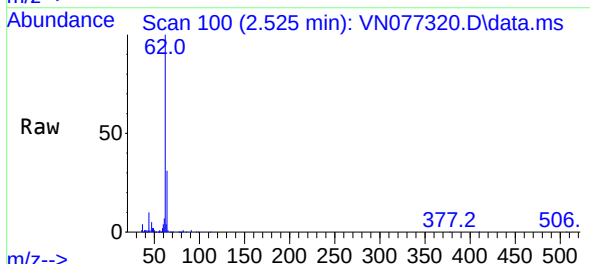
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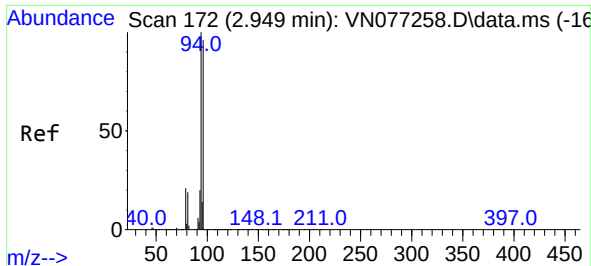
Tgt Ion: 50 Resp: 103022
Ion Ratio Lower Upper
50 100
52 33.1 27.3 40.9



#4
Vinyl Chloride
Concen: 16.137 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 62 Resp: 143135
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.8

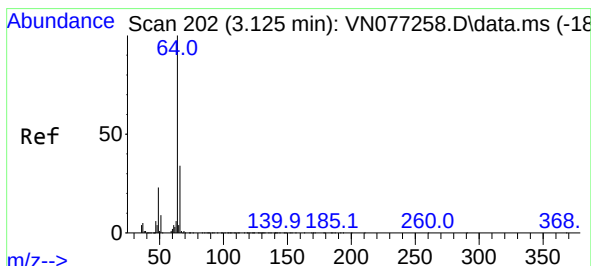
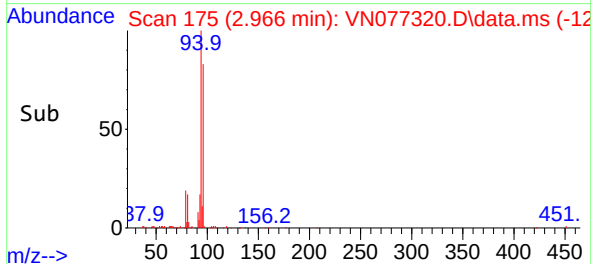
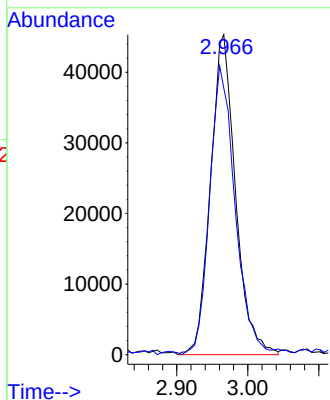
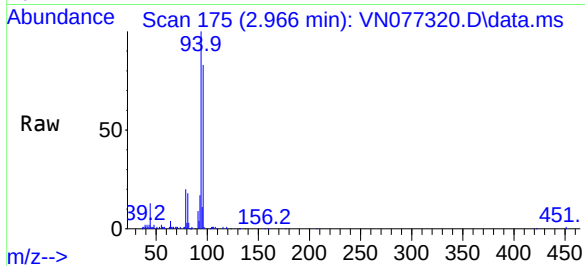




#5
Bromomethane
Concen: 17.240 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

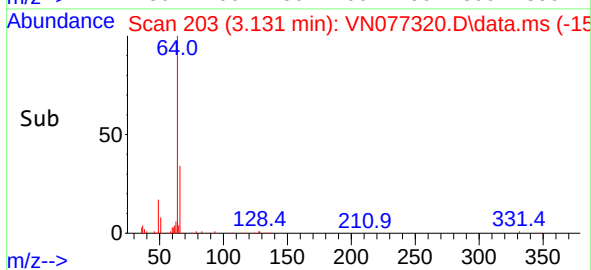
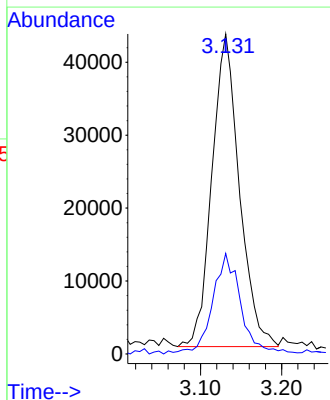
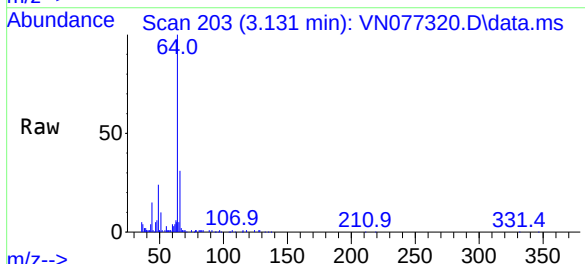
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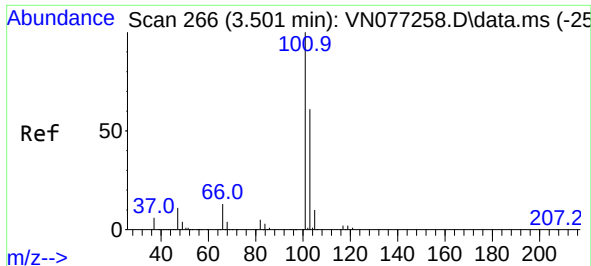
Tgt Ion: 94 Resp: 110861
Ion Ratio Lower Upper
94 100
96 82.7 77.0 115.4



#6
Chloroethane
Concen: 15.897 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 64 Resp: 100632
Ion Ratio Lower Upper
64 100
66 31.4 26.9 40.3

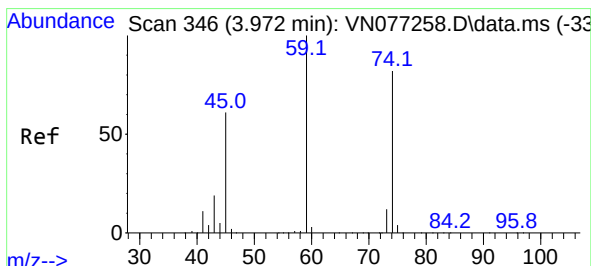
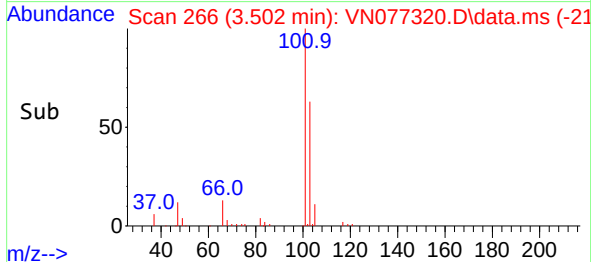
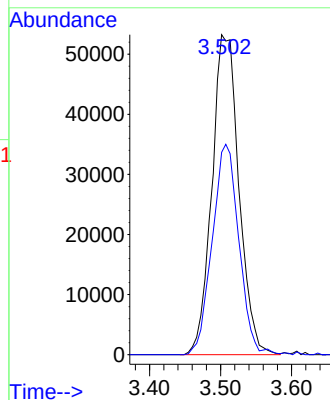
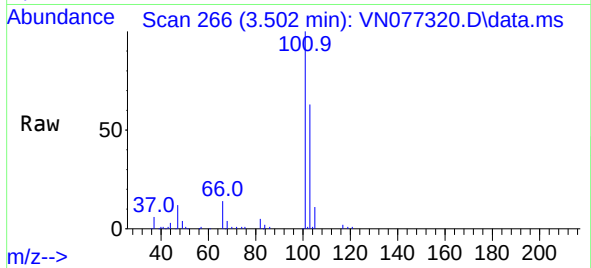




#7
 Trichlorofluoromethane
 Concen: 18.282 ug/l
 RT: 3.502 min Scan# 20
 Delta R.T. 0.001 min
 Lab File: VN077320.D
 Acq: 13 Apr 2023 11:46

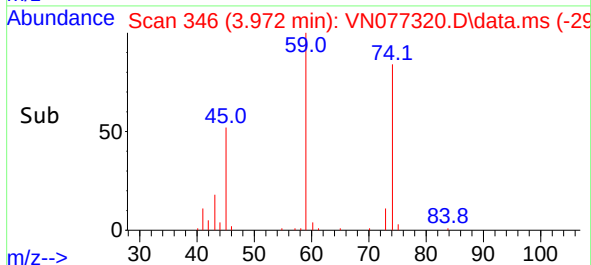
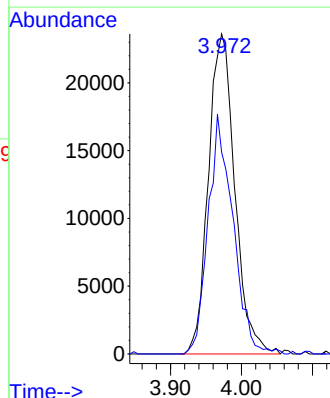
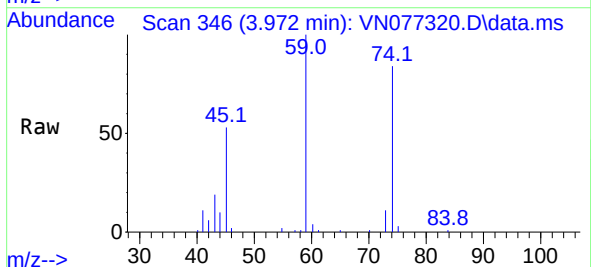
Instrument :
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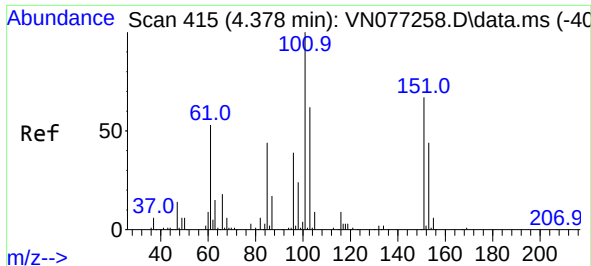
Tgt Ion:101 Resp: 140614
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.0 73.4



#8
 Diethyl Ether
 Concen: 18.924 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077320.D
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Tgt Ion: 74 Resp: 60991
 Ion Ratio Lower Upper
 74 100
 45 70.4 37.8 113.4

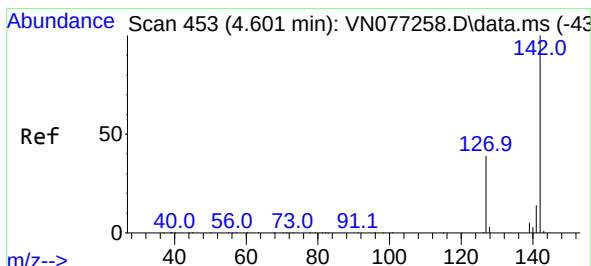
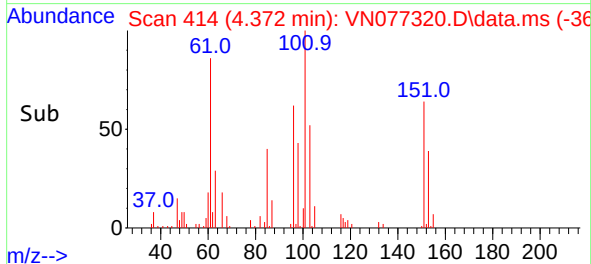
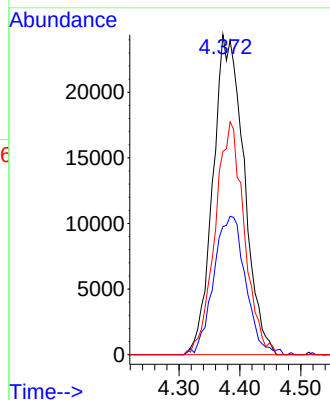
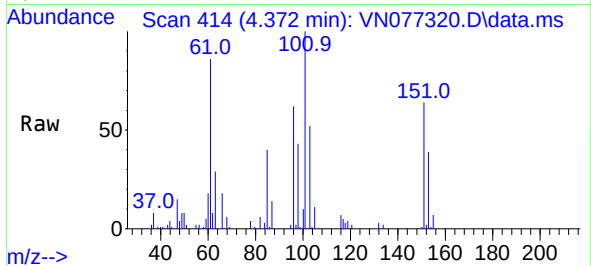




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.319 ug/l
RT: 4.372 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

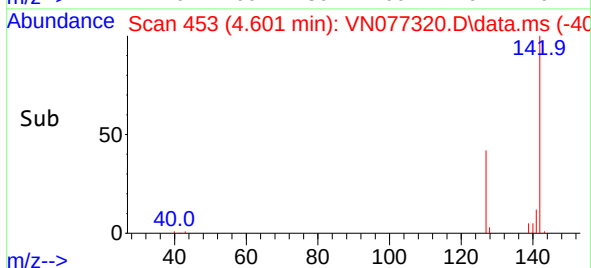
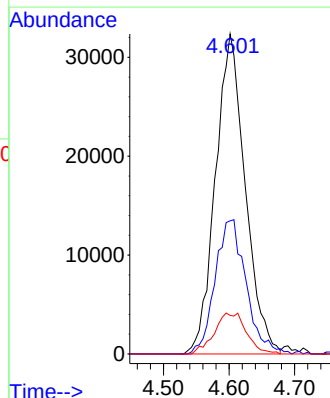
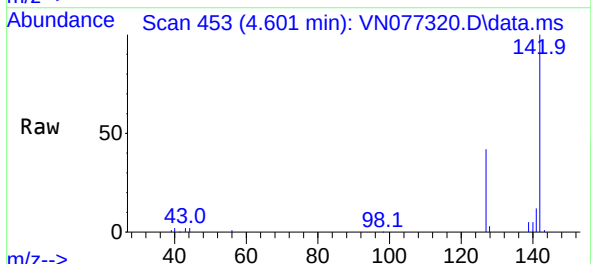
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

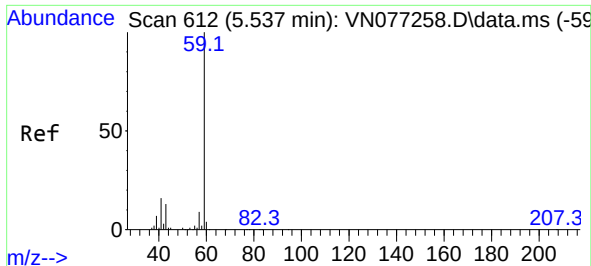
Tgt Ion:101 Resp: 86227
Ion Ratio Lower Upper
101 100
85 44.6 37.3 55.9
151 68.5 56.3 84.5



#10
Methyl Iodide
Concen: 17.816 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion:142 Resp: 101985
Ion Ratio Lower Upper
142 100
127 41.6 31.5 47.3
141 12.1 11.4 17.2

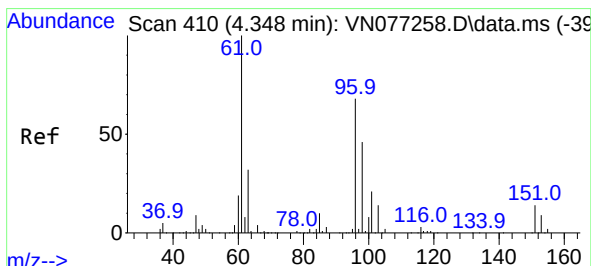
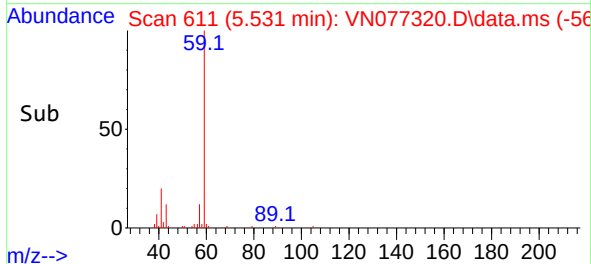
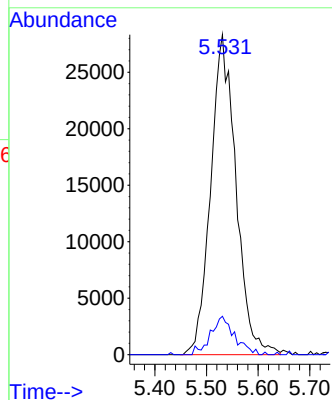
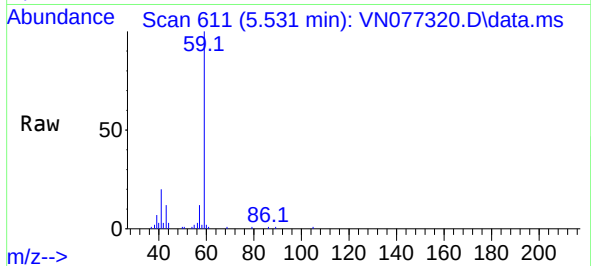




#11
Tert butyl alcohol
Concen: 83.570 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

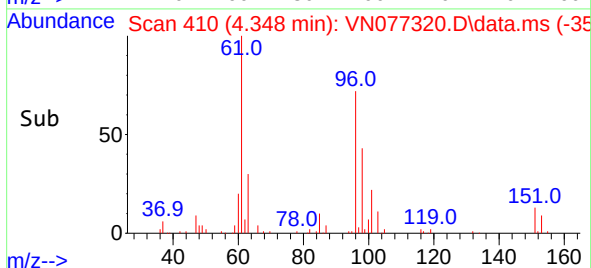
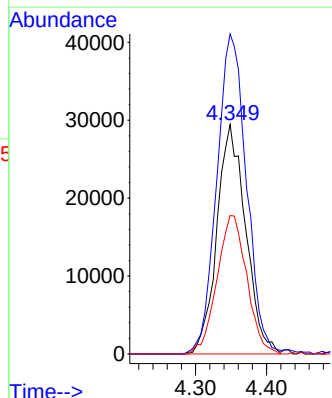
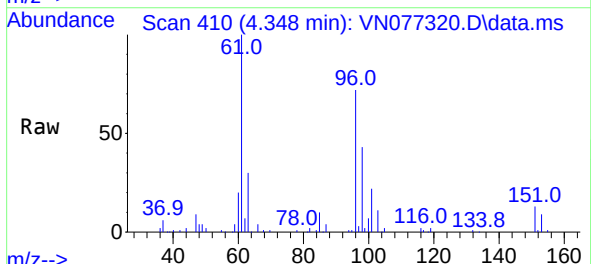
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

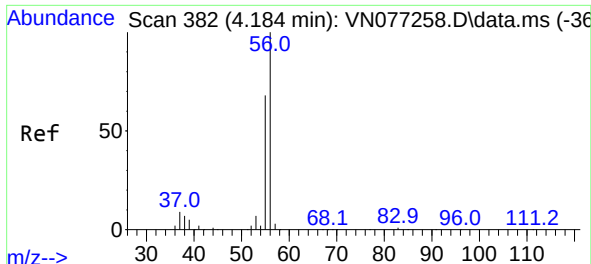
Tgt Ion: 59 Resp: 96399
Ion Ratio Lower Upper
59 100
57 11.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.108 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 96 Resp: 82891
Ion Ratio Lower Upper
96 100
61 139.5 118.3 177.5
98 60.3 54.5 81.7

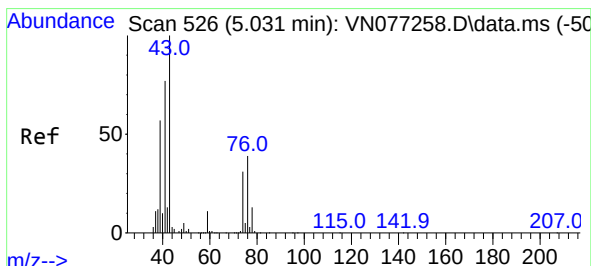
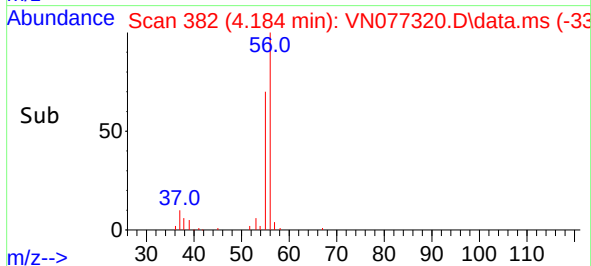
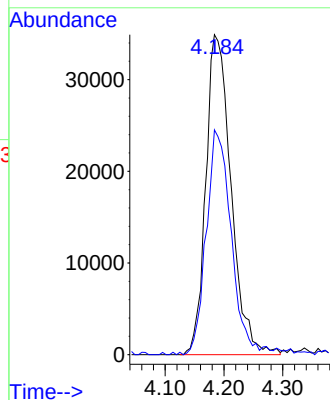
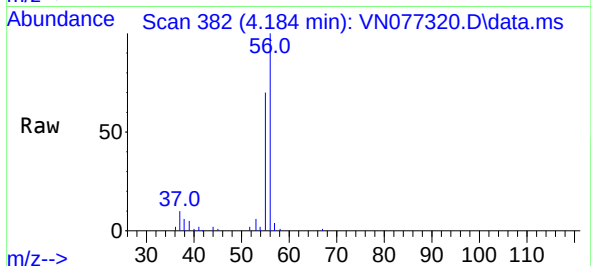




#13
Acrolein
Concen: 95.092 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

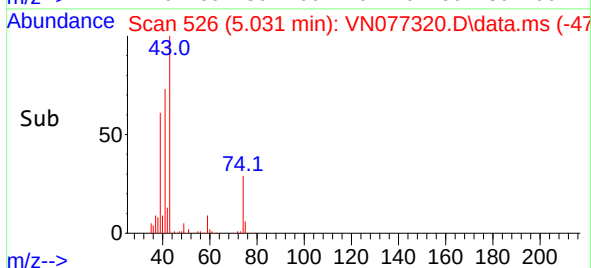
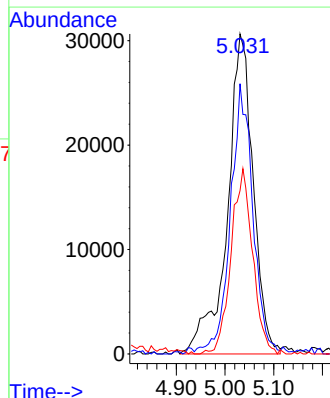
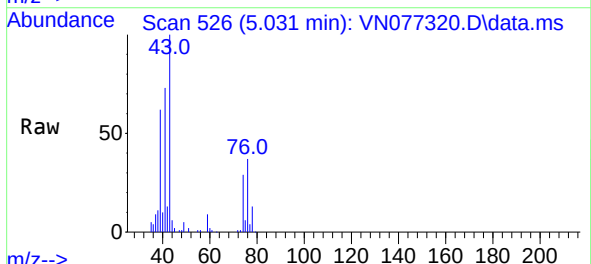
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

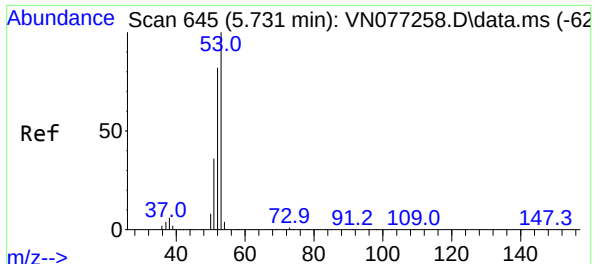
Tgt Ion: 56 Resp: 103888
Ion Ratio Lower Upper
56 100
55 69.5 54.2 81.2



#14
Allyl chloride
Concen: 15.455 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

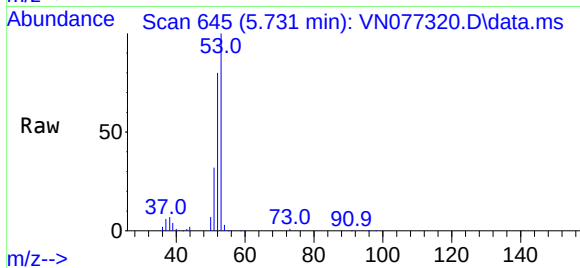
Tgt Ion: 41 Resp: 113099
Ion Ratio Lower Upper
41 100
39 70.8 55.0 82.4
76 48.2 35.4 53.2



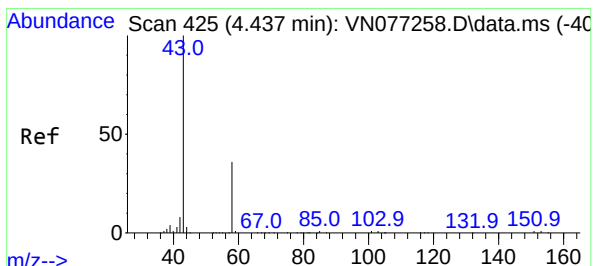
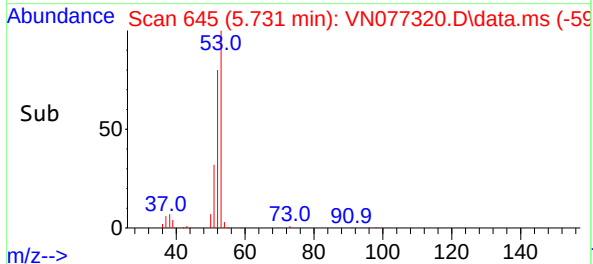
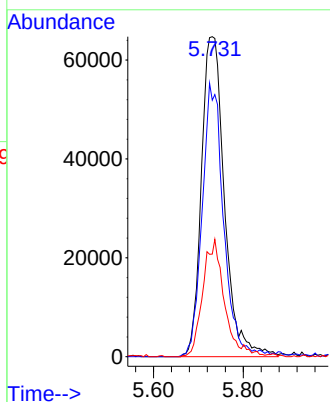


#15
Acrylonitrile
Concen: 90.584 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

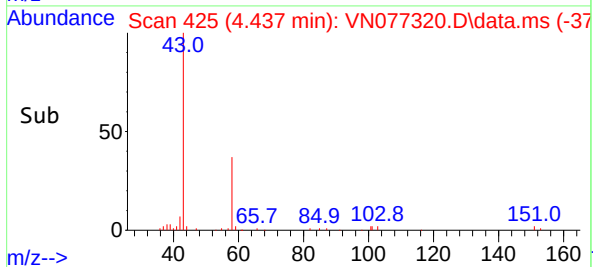
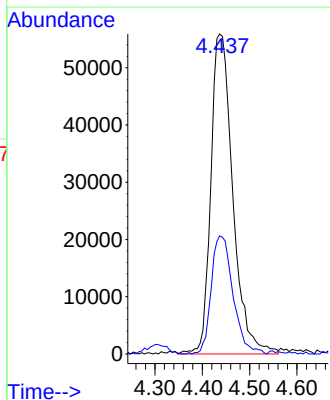
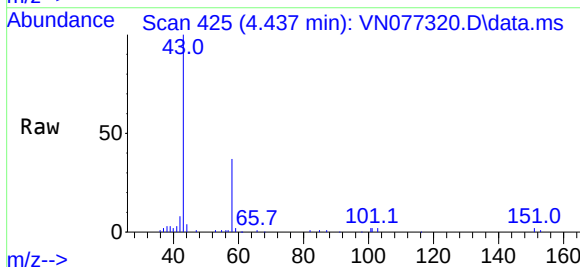


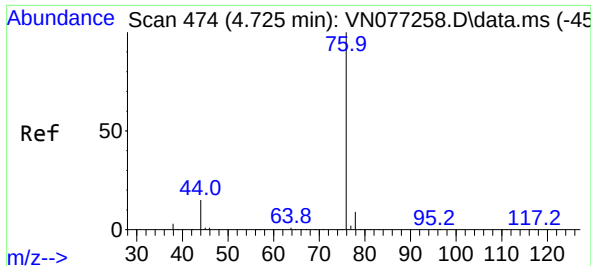
Tgt Ion: 53 Resp: 231003
Ion Ratio Lower Upper
53 100
52 79.4 65.2 97.8
51 32.9 28.1 42.1



#16
Acetone
Concen: 86.497 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 43 Resp: 180288
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6

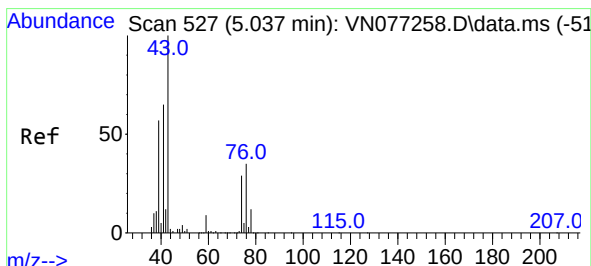
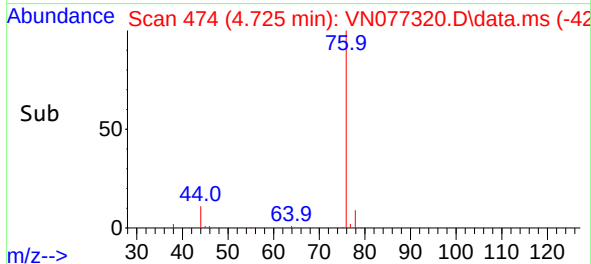
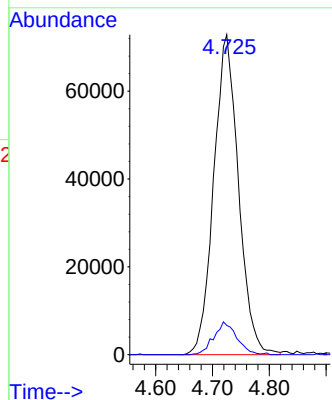
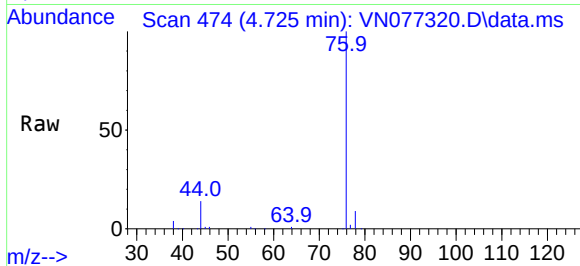




#17
Carbon Disulfide
Concen: 16.838 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

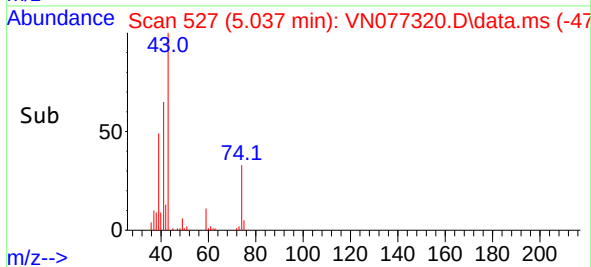
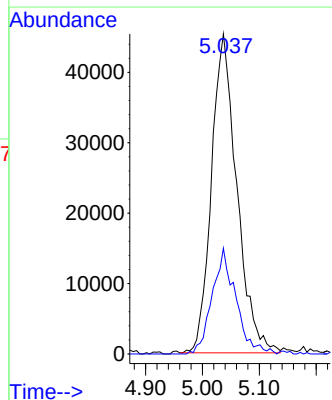
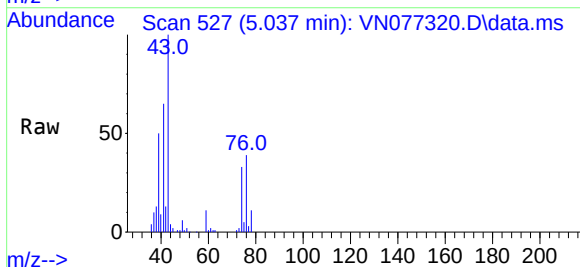
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

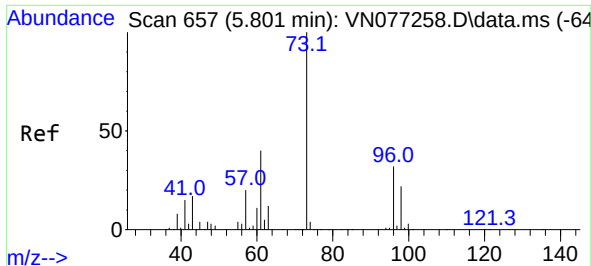
Tgt Ion: 76 Resp: 219995
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 17.700 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 43 Resp: 140506
Ion Ratio Lower Upper
43 100
74 31.0 23.4 35.2





#19

Methyl tert-butyl Ether

Concen: 18.009 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077320.D

Acq: 13 Apr 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

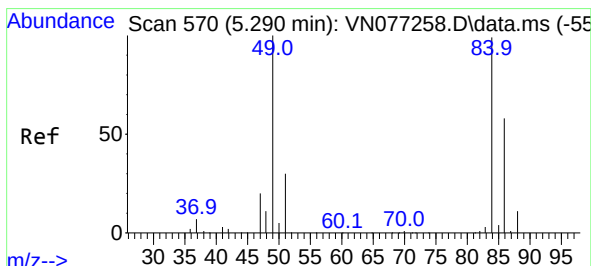
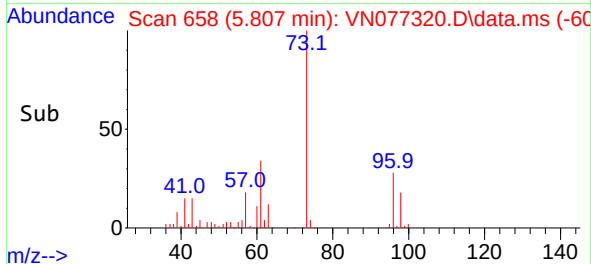
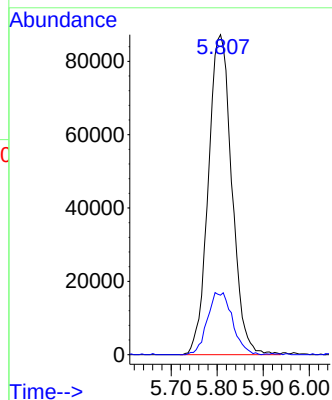
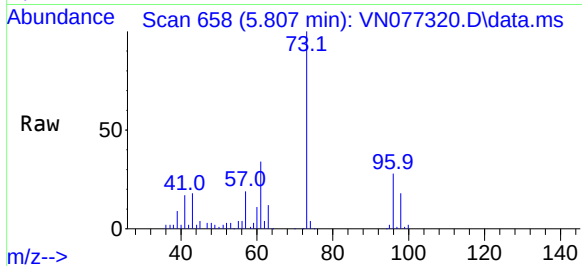
VN0413WBSD01

Tgt Ion: 73 Resp: 309619

Ion Ratio Lower Upper

73 100

57 18.6 16.2 24.4



#20

Methylene Chloride

Concen: 17.535 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN077320.D

Acq: 13 Apr 2023 11:46

Tgt Ion: 84 Resp: 103220

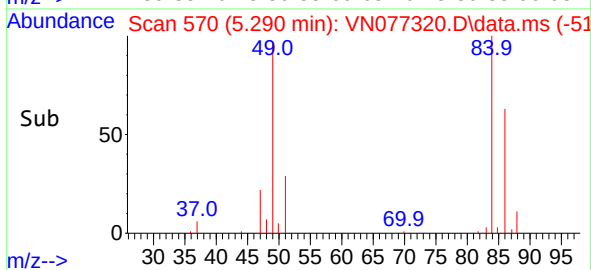
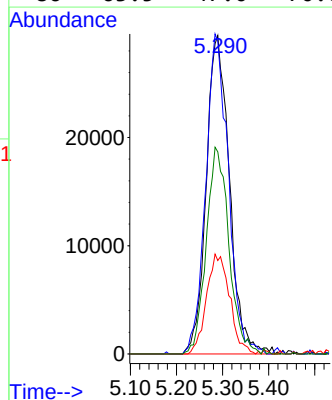
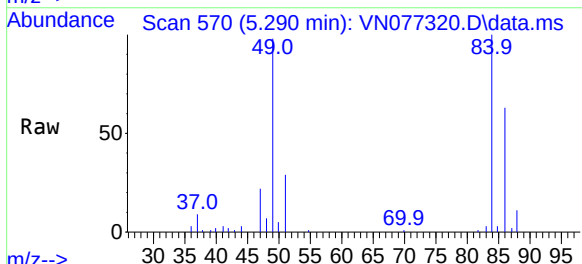
Ion Ratio Lower Upper

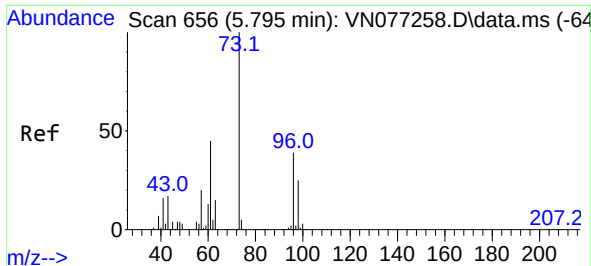
84 100

49 98.2 80.6 121.0

51 29.4 24.4 36.6

86 63.5 47.0 70.6

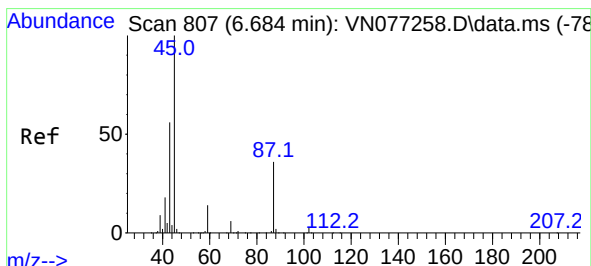
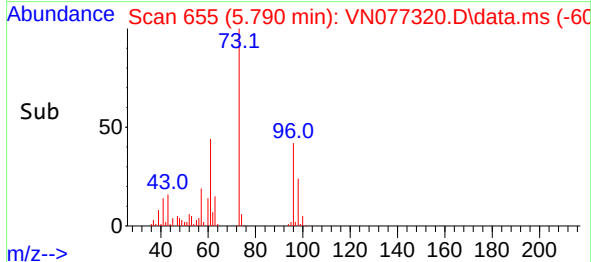
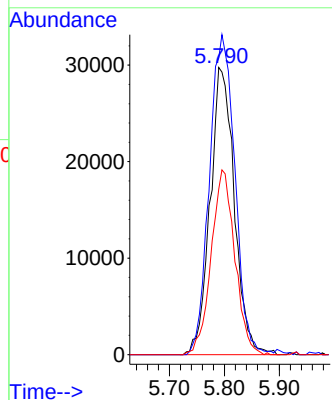
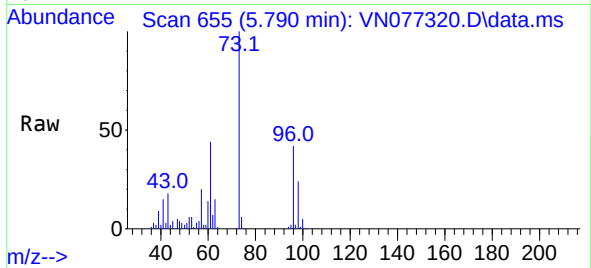




#21
trans-1,2-Dichloroethene
Concen: 17.154 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

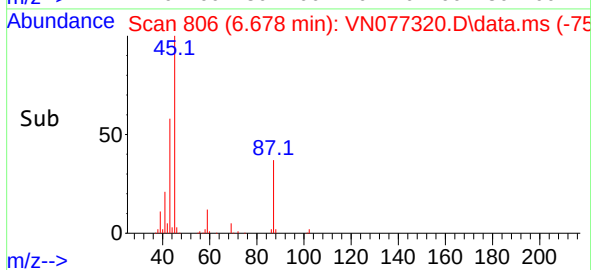
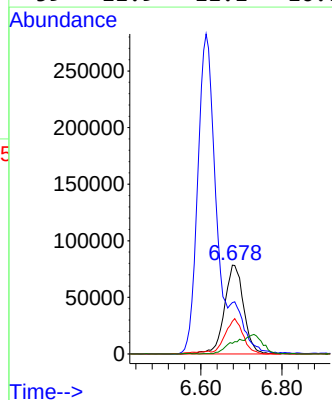
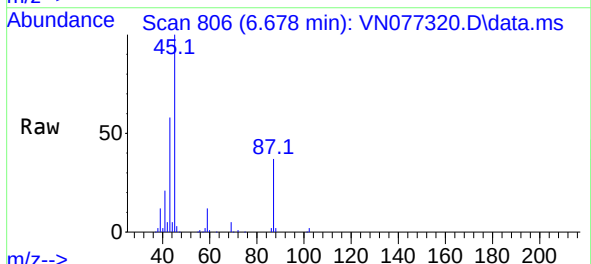
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

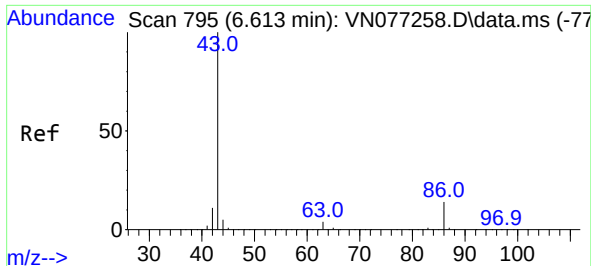
Tgt Ion: 96 Resp: 91004
Ion Ratio Lower Upper
96 100
61 103.3 93.8 140.6
98 57.7 50.9 76.3



#22
Diisopropyl ether
Concen: 17.558 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 45 Resp: 257594
Ion Ratio Lower Upper
45 100
43 56.9 44.6 66.8
87 36.7 28.4 42.6
59 11.9 11.1 16.7

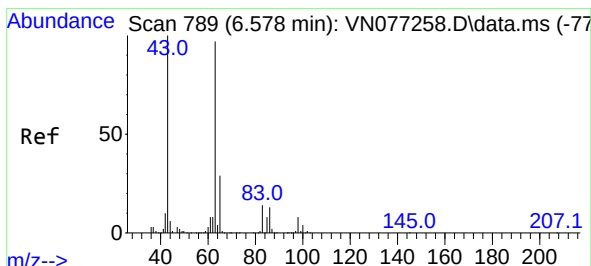
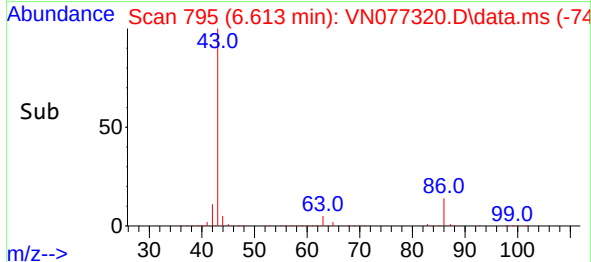
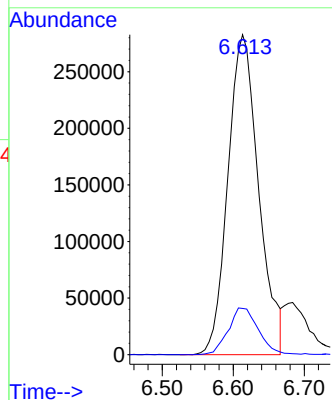
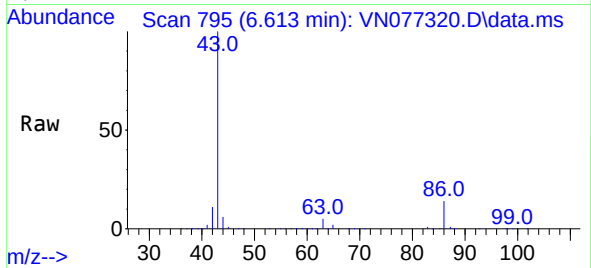




#23
 Vinyl Acetate
 Concen: 85.834 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077320.D
 Acq: 13 Apr 2023 11:46

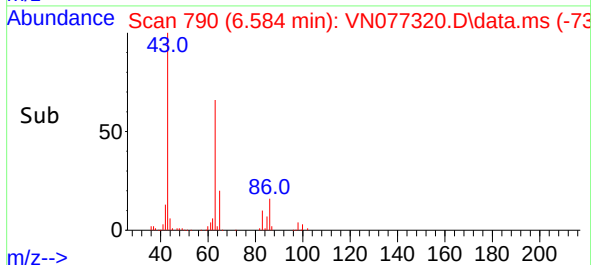
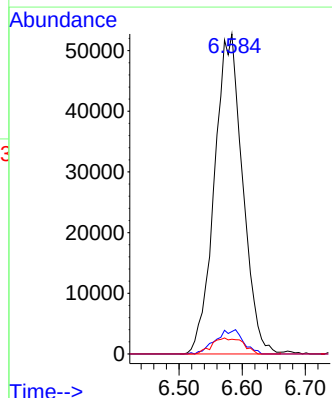
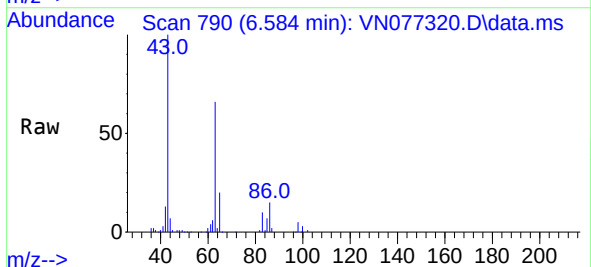
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBSD01

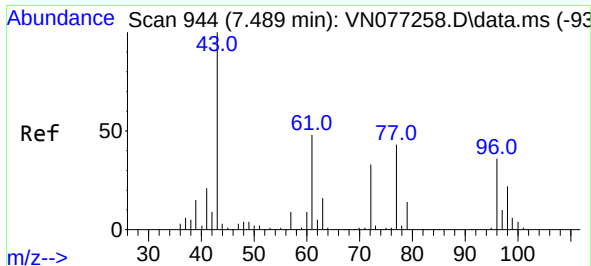
Tgt Ion: 43 Resp: 851475
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 17.245 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN077320.D
 Acq: 13 Apr 2023 11:46

Tgt Ion: 63 Resp: 163377
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.0
 100 4.6 2.3 6.9

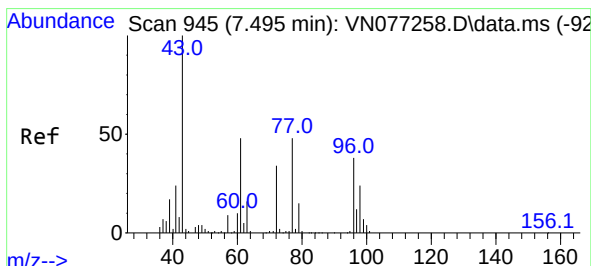
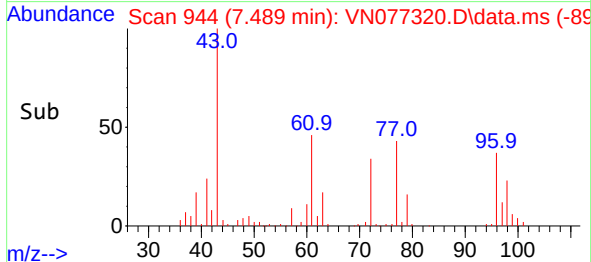
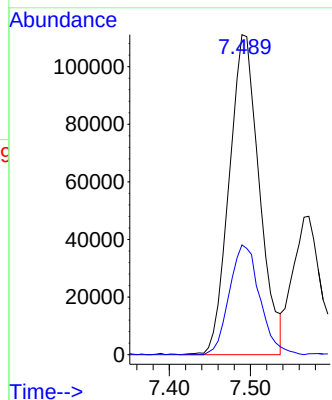
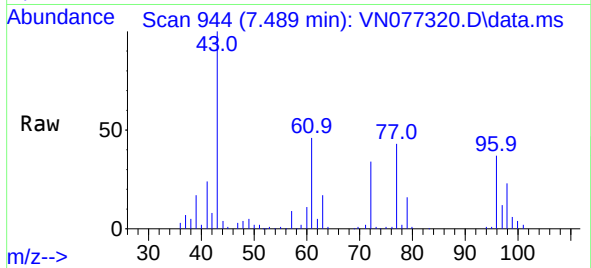




#25
2-Butanone
Concen: 84.593 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

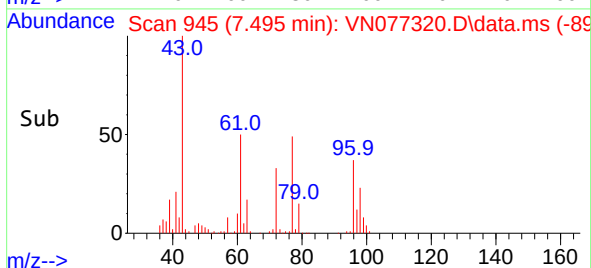
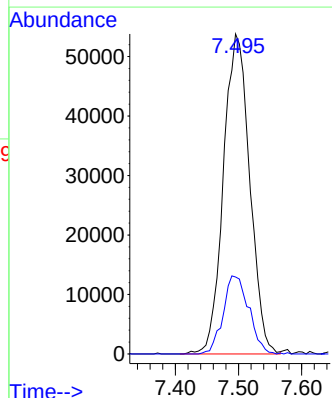
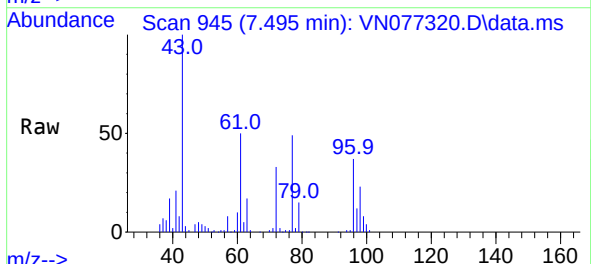
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

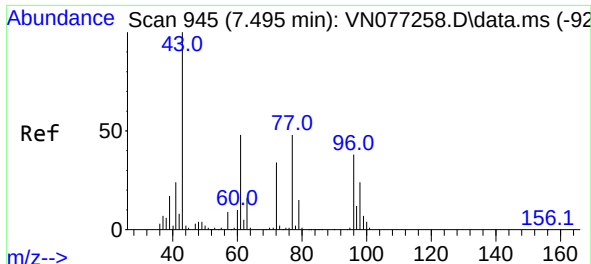
Tgt Ion: 43 Resp: 286161
Ion Ratio Lower Upper
43 100
72 34.3 26.6 39.8



#26
2,2-Dichloropropane
Concen: 17.910 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 77 Resp: 155587
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.1

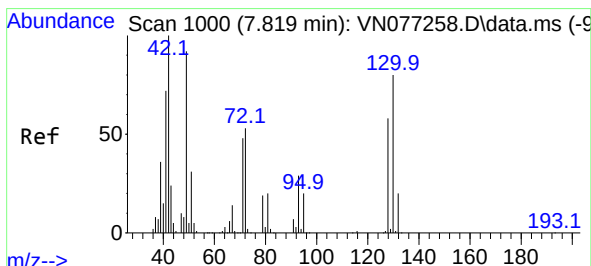
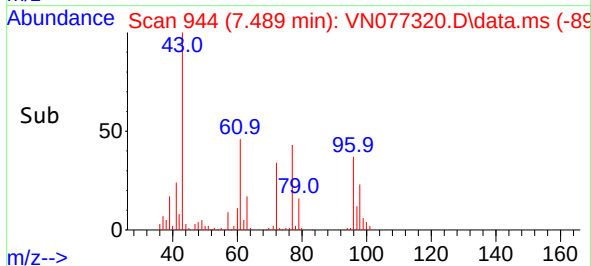
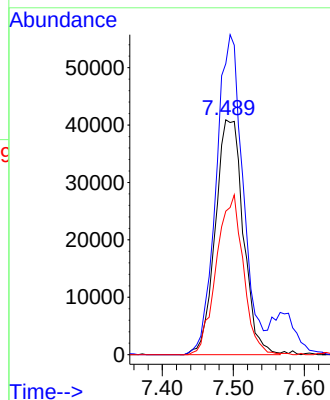
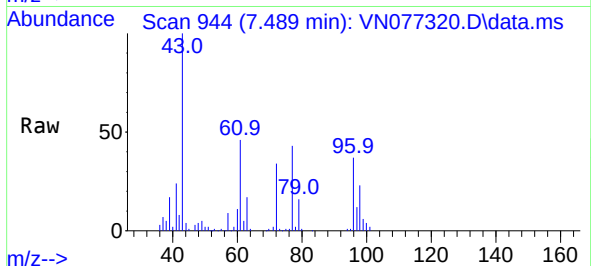




#27
cis-1,2-Dichloroethene
Concen: 17.244 ug/l
RT: 7.489 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

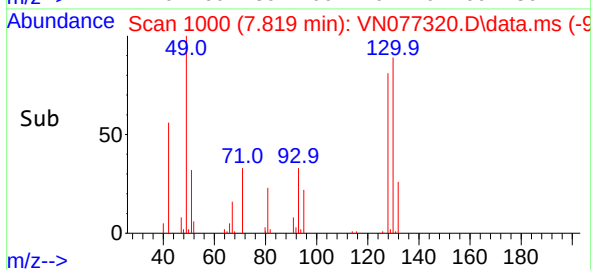
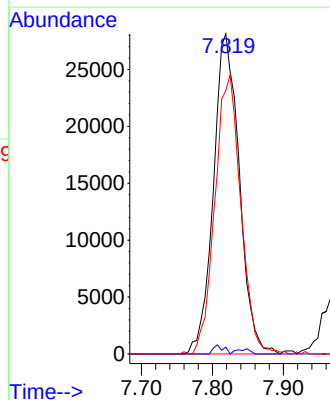
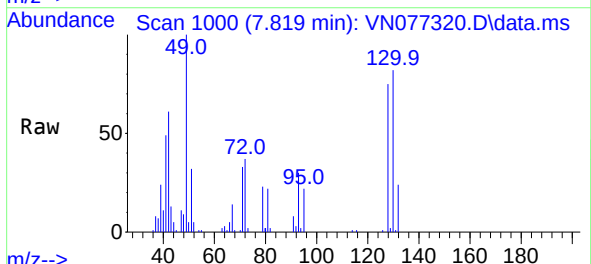
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

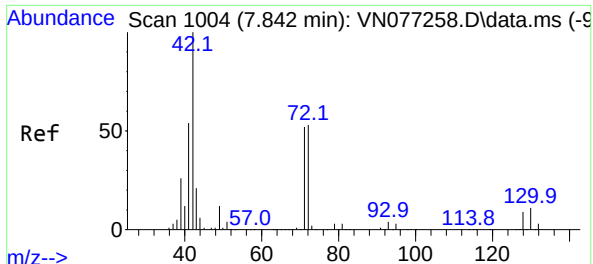
Tgt Ion: 96 Resp: 111717
Ion Ratio Lower Upper
96 100
61 130.6 0.0 261.0
98 65.5 0.0 128.0



#28
Bromochloromethane
Concen: 18.641 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 49 Resp: 71040
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.4
130 87.2 68.4 102.6





#29

Tetrahydrofuran

Concen: 80.084 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077320.D

Acq: 13 Apr 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

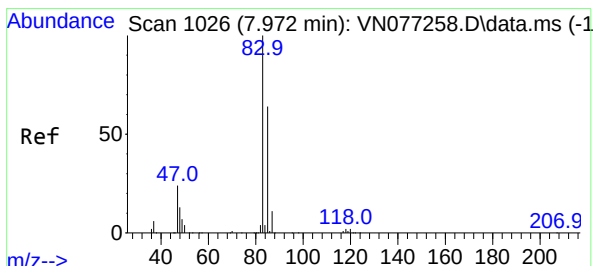
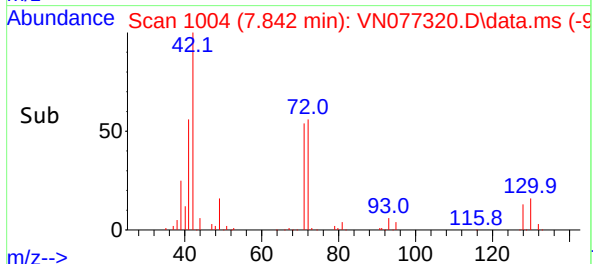
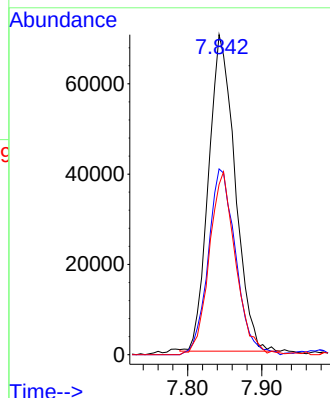
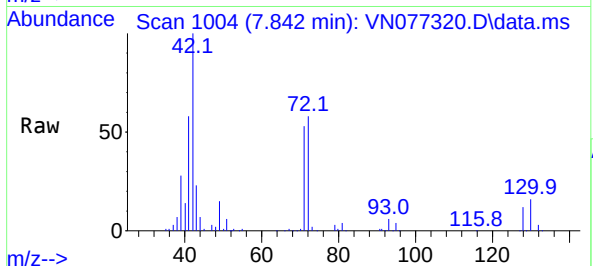
Tgt Ion: 42 Resp: 174147

Ion Ratio Lower Upper

42 100

72 60.7 44.6 66.8

71 57.3 41.3 61.9



#30

Chloroform

Concen: 17.840 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077320.D

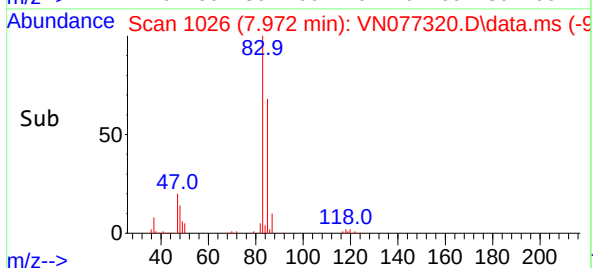
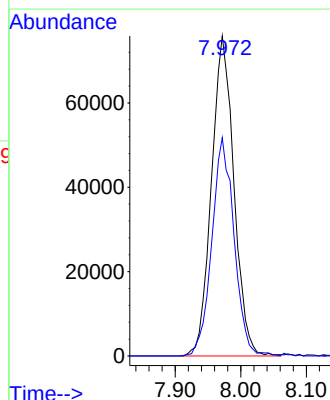
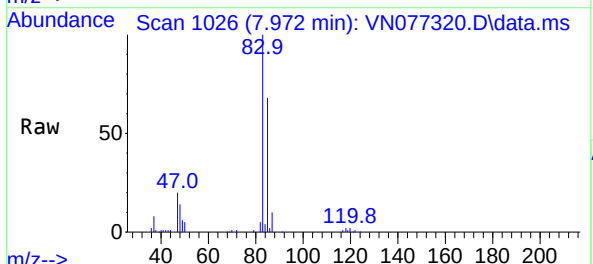
Acq: 13 Apr 2023 11:46

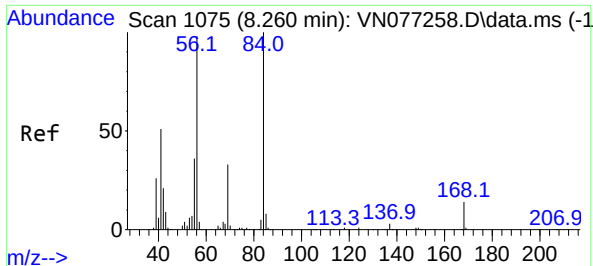
Tgt Ion: 83 Resp: 180236

Ion Ratio Lower Upper

83 100

85 68.2 50.9 76.3





#31

Cyclohexane

Concen: 16.485 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077320.D

Acq: 13 Apr 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

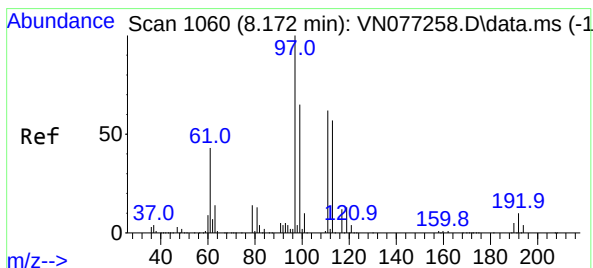
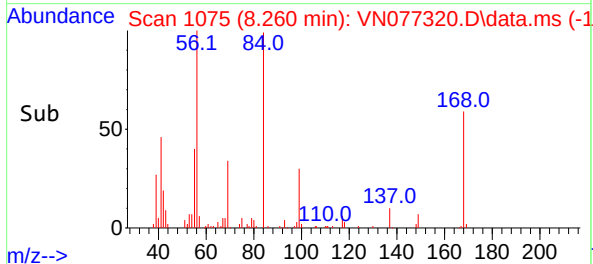
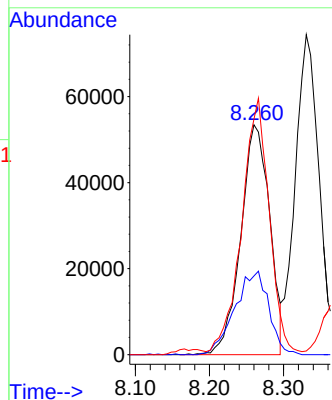
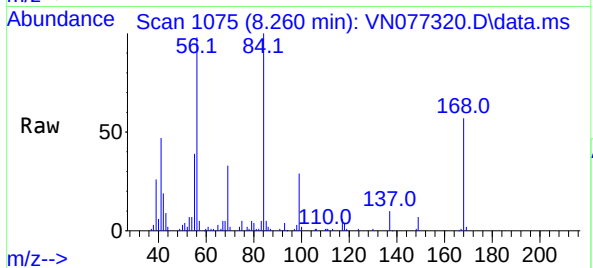
Tgt Ion: 56 Resp: 144811

Ion Ratio Lower Upper

56 100

69 34.3 26.6 40.0

84 100.3 81.8 122.8



#32

1,1,1-Trichloroethane

Concen: 17.455 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077320.D

Acq: 13 Apr 2023 11:46

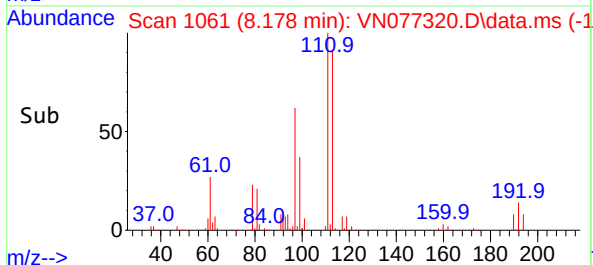
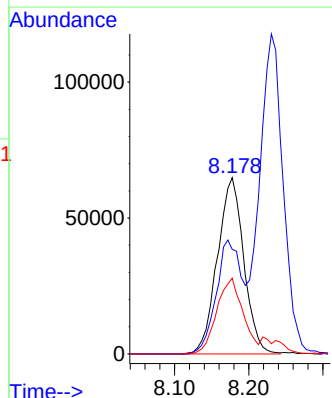
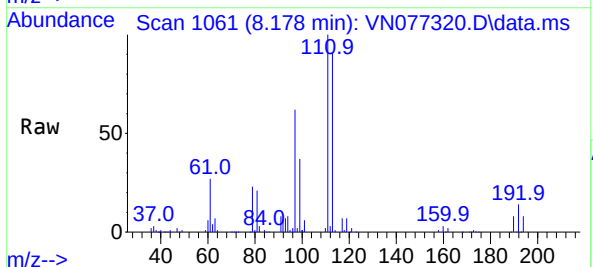
Tgt Ion: 97 Resp: 160380

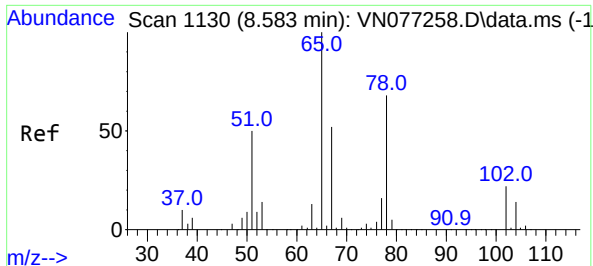
Ion Ratio Lower Upper

97 100

99 62.0 54.2 81.4

61 43.0 35.8 53.6

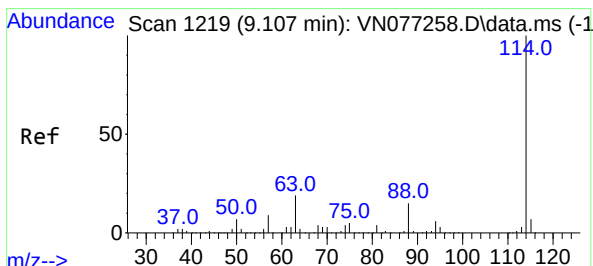
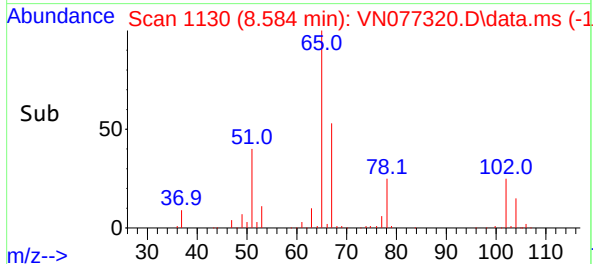
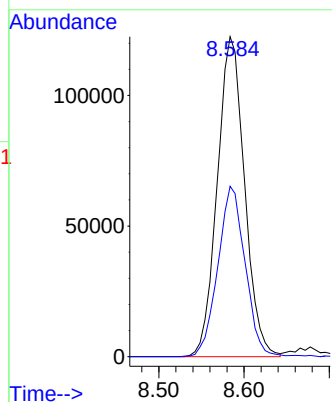
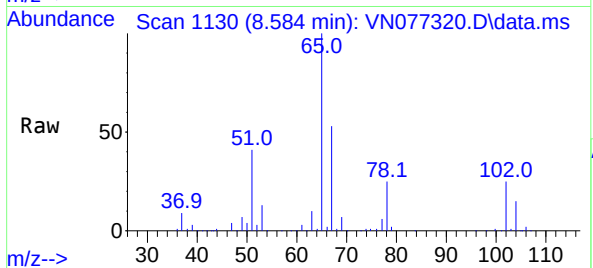




#33
1,2-Dichloroethane-d4
Concen: 48.194 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

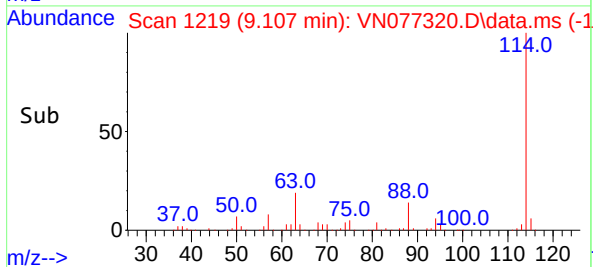
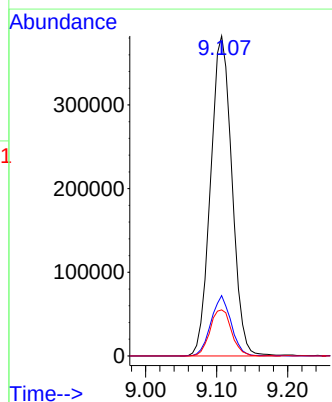
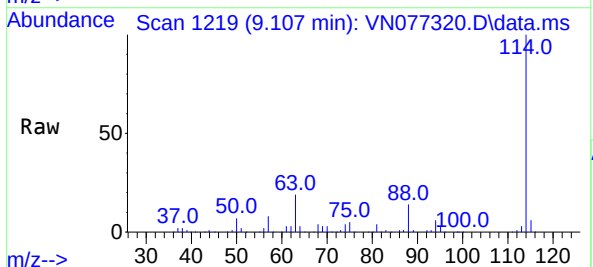
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

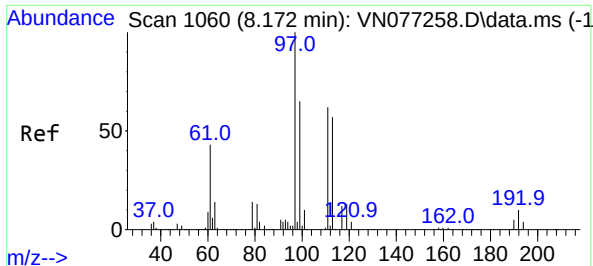
Tgt Ion: 65 Resp: 272447
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 114 Resp: 796969
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.8
88 14.4 0.0 29.4

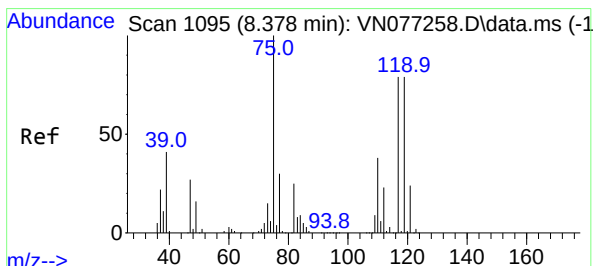
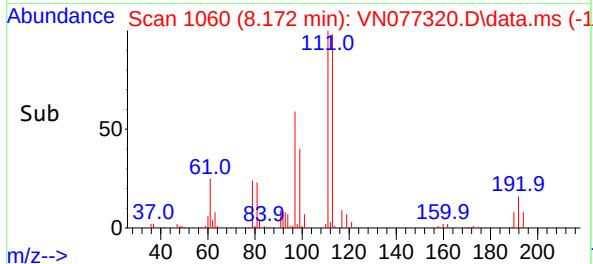
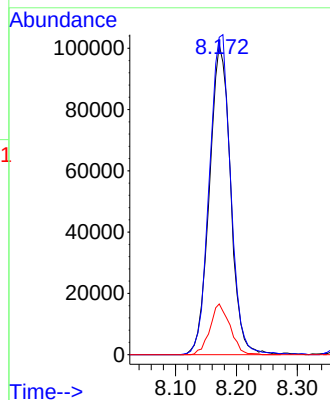
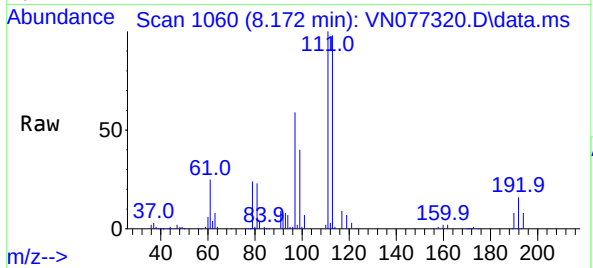




#35
Dibromofluoromethane
Concen: 47.672 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

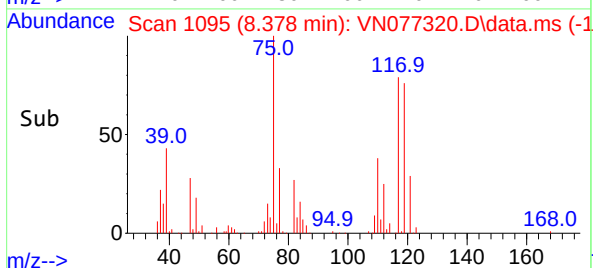
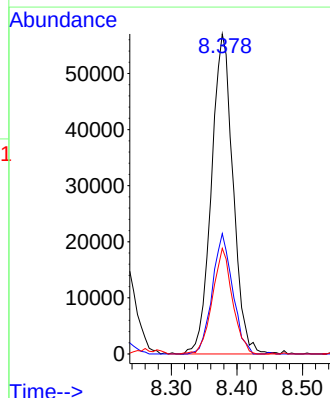
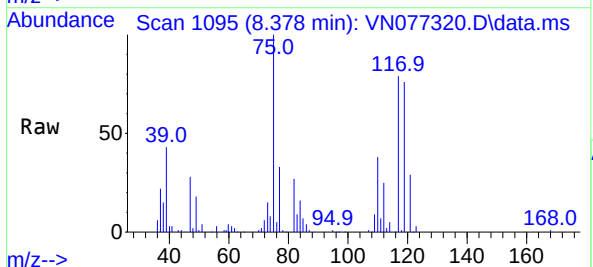
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

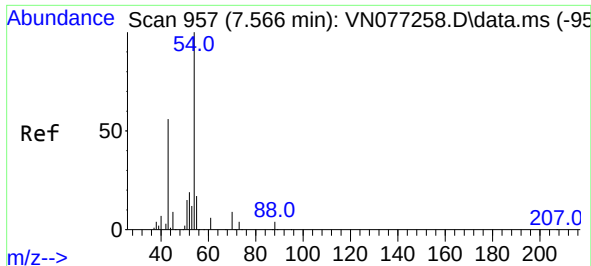
Tgt Ion:113 Resp: 243219
Ion Ratio Lower Upper
113 100
111 104.1 83.4 125.0
192 15.6 13.5 20.3



#36
1,1-Dichloropropene
Concen: 17.246 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 75 Resp: 130138
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.5
77 30.7 25.0 37.4

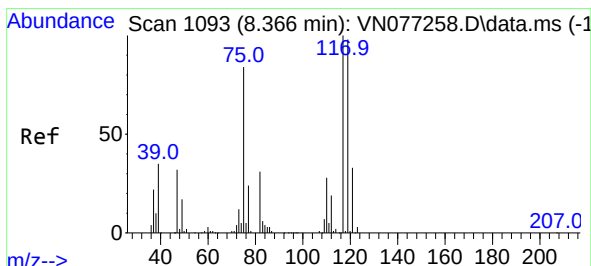
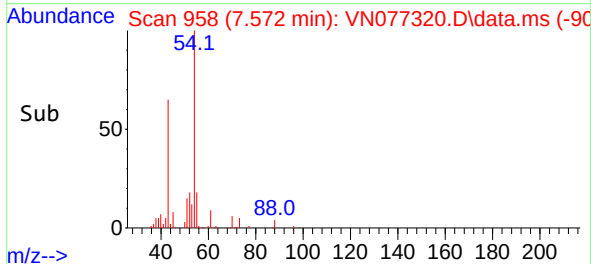
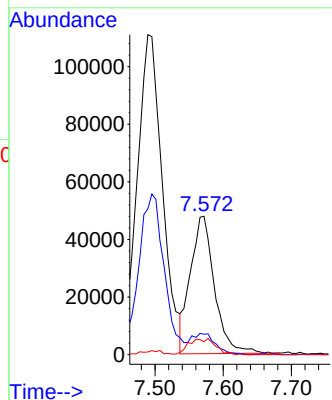
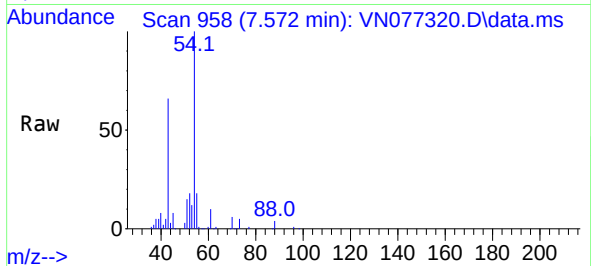




#37
Ethyl Acetate
Concen: 17.352 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

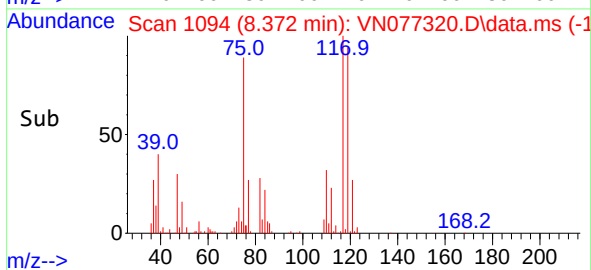
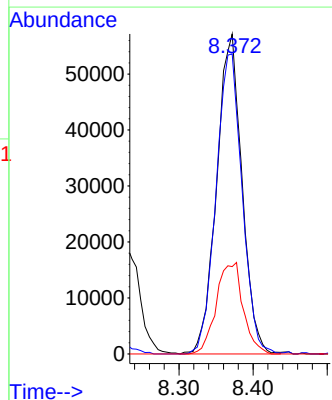
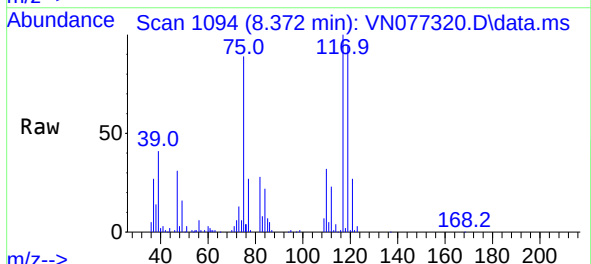
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

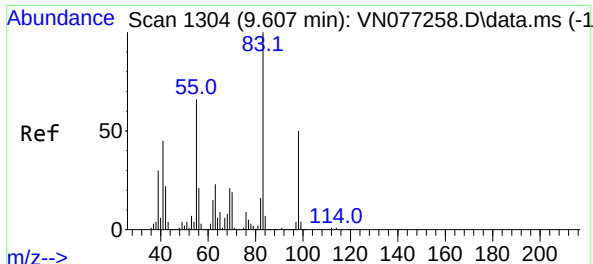
Tgt Ion: 43 Resp: 117147
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.2
70 13.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 17.564 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 117 Resp: 135786
Ion Ratio Lower Upper
117 100
119 93.8 78.5 117.7
121 27.3 26.6 40.0

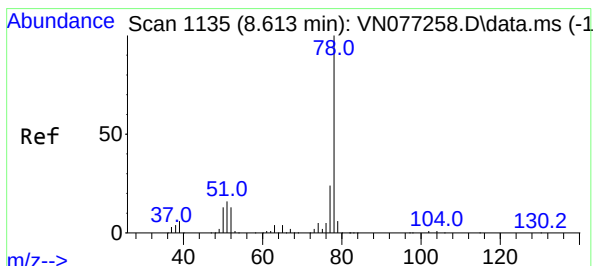
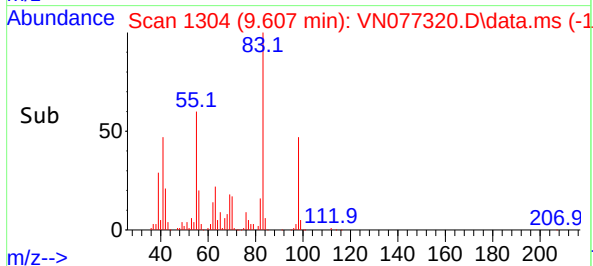
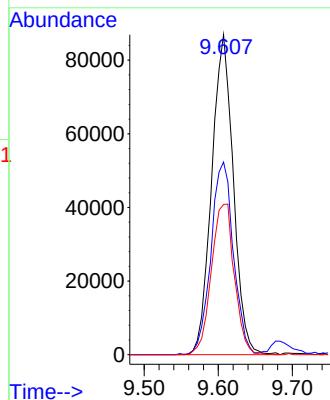
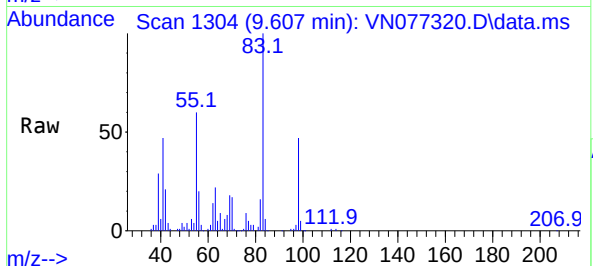




#39
Methylcyclohexane
Concen: 17.322 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

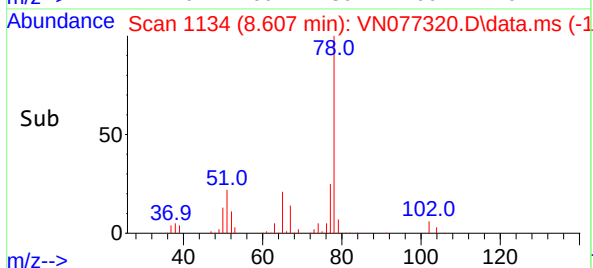
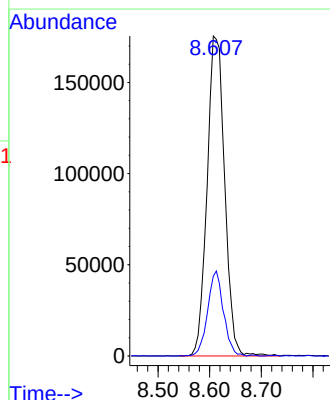
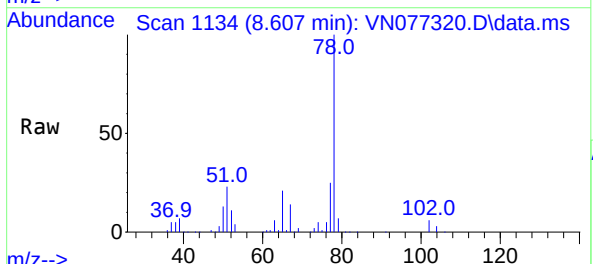
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

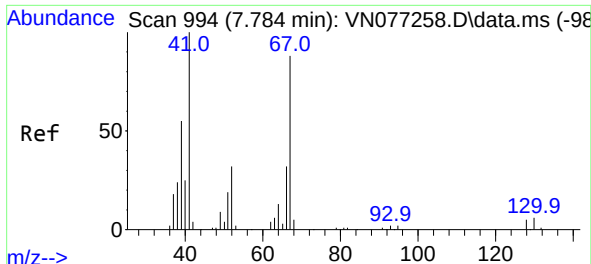
Tgt Ion: 83 Resp: 176252
Ion Ratio Lower Upper
83 100
55 59.8 52.4 78.6
98 46.9 39.8 59.6



#40
Benzene
Concen: 17.630 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 78 Resp: 414951
Ion Ratio Lower Upper
78 100
77 24.9 19.5 29.3



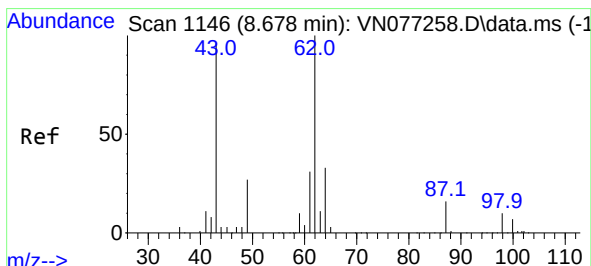
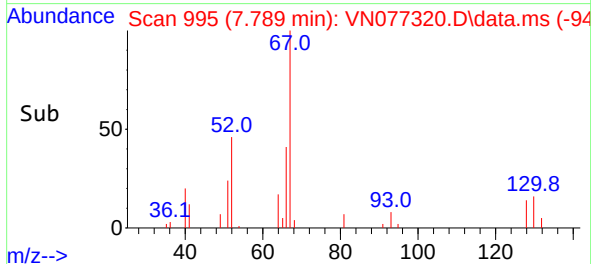
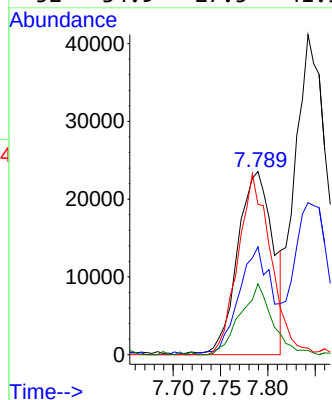
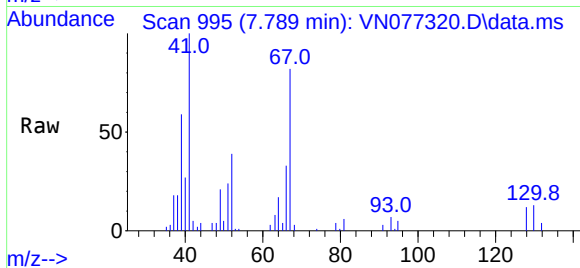


#41
Methacrylonitrile
Concen: 16.967 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

Tgt Ion: 41 Resp: 61573

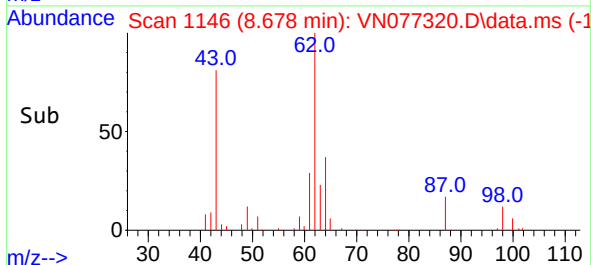
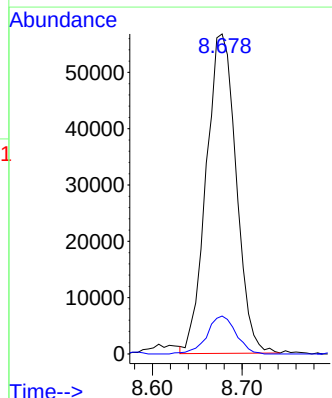
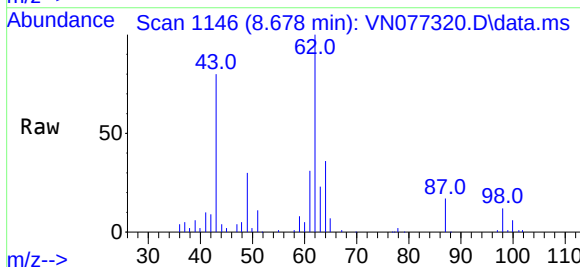
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.1	66.1
67	91.3	71.4	107.2
52	34.9	27.5	41.3

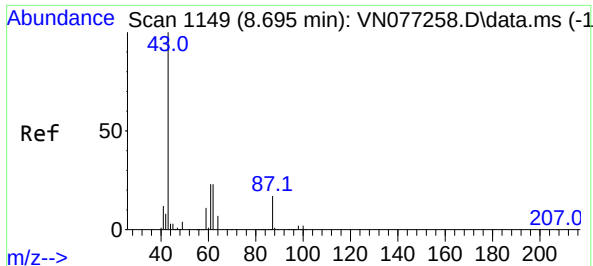


#42
1,2-Dichloroethane
Concen: 18.132 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 62 Resp: 131345

Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	20.2

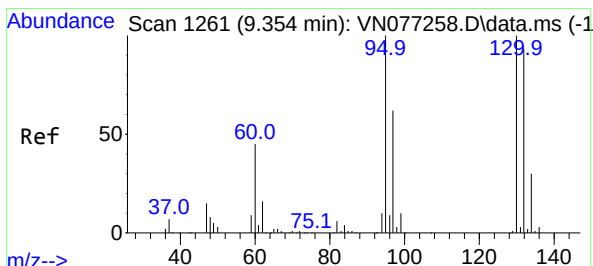
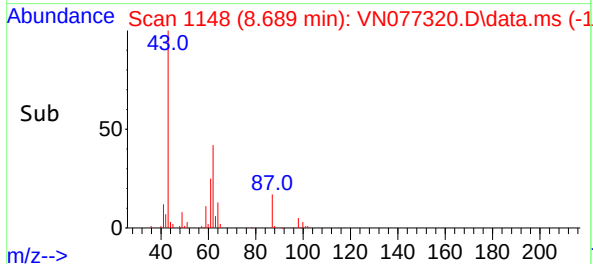
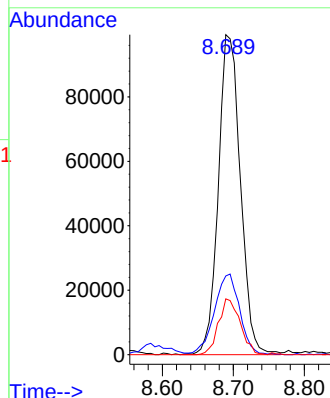
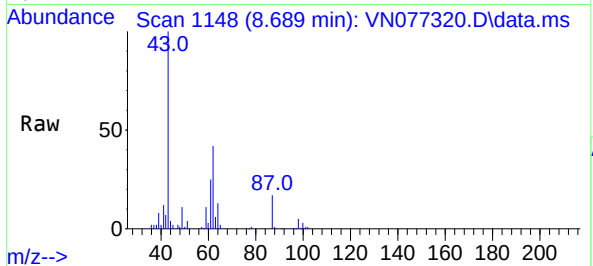




#43
Isopropyl Acetate
Concen: 17.196 ug/l
RT: 8.689 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

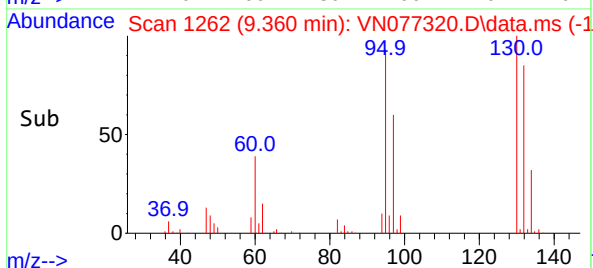
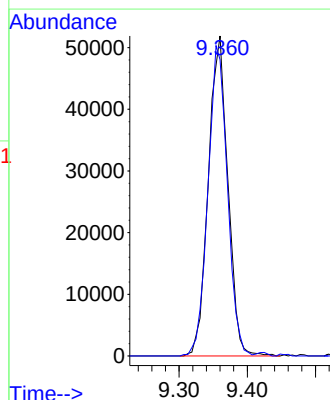
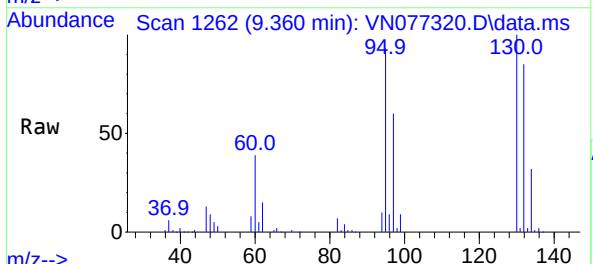
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

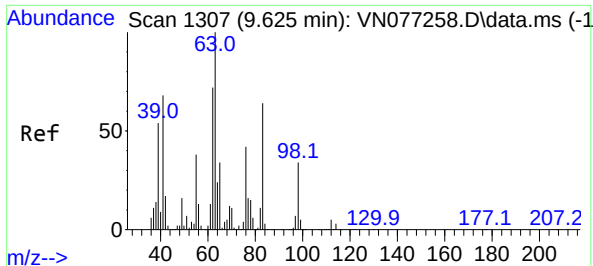
Tgt Ion: 43 Resp: 214219
Ion Ratio Lower Upper
43 100
61 29.0 22.7 34.1
87 17.1 13.6 20.4



#44
Trichloroethene
Concen: 18.394 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion:130 Resp: 103586
Ion Ratio Lower Upper
130 100
95 92.6 0.0 200.2





#45

1,2-Dichloropropane

Concen: 18.018 ug/l

RT: 9.631 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077320.D

Acq: 13 Apr 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

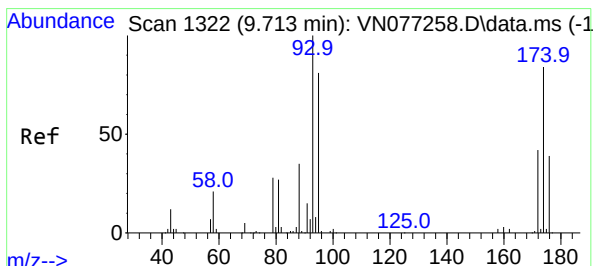
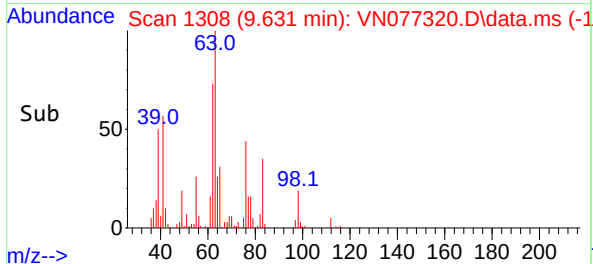
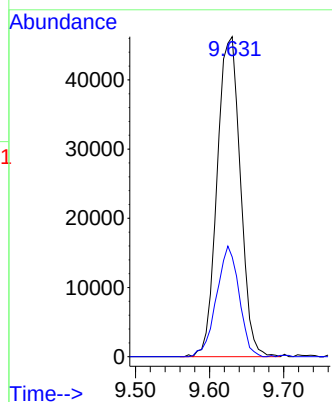
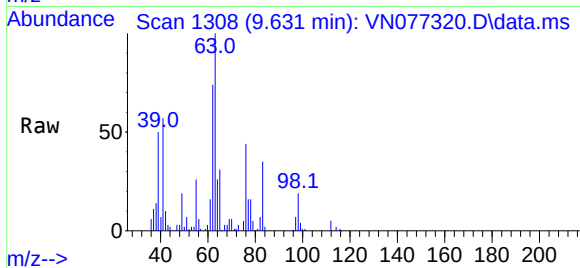
VN0413WBSD01

Tgt Ion: 63 Resp: 100719

Ion Ratio Lower Upper

63 100

65 31.1 27.1 40.7



#46

Dibromomethane

Concen: 18.381 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077320.D

Acq: 13 Apr 2023 11:46

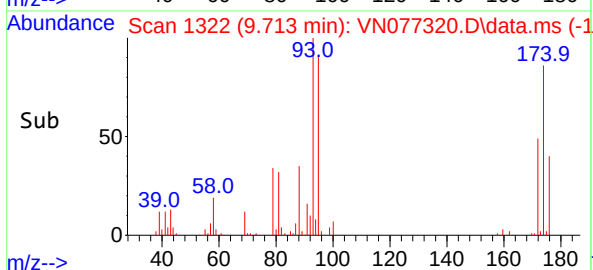
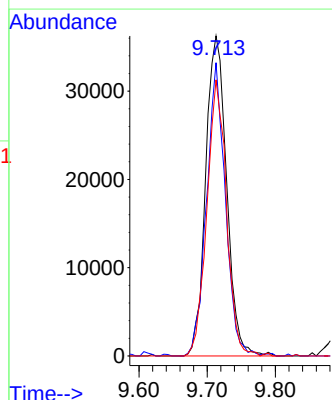
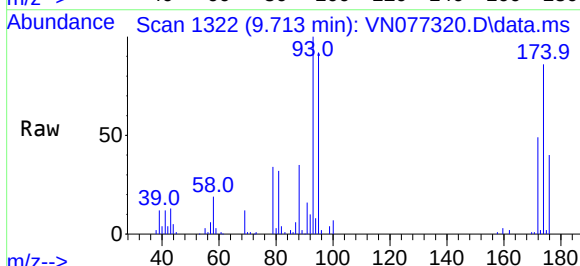
Tgt Ion: 93 Resp: 77411

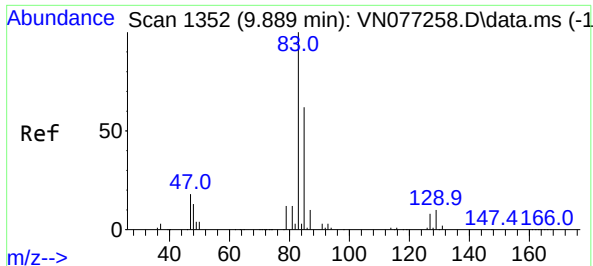
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

174 80.7 66.0 99.0

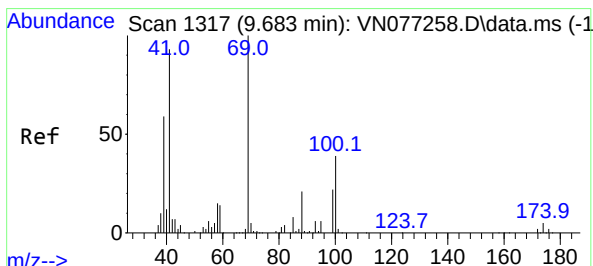
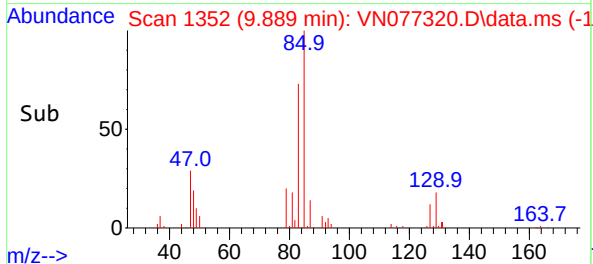
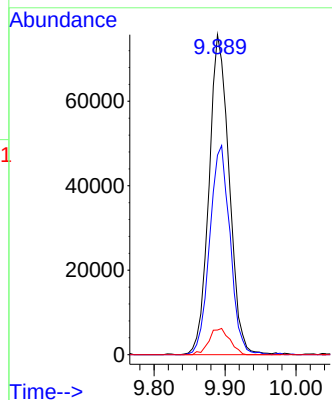
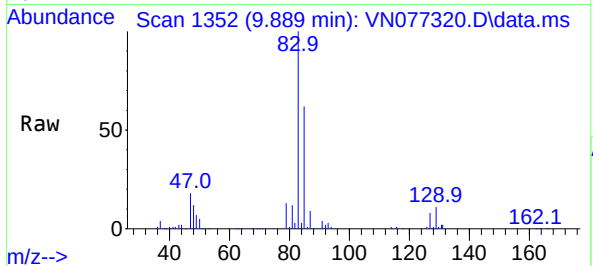




#47
Bromodichloromethane
Concen: 17.787 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

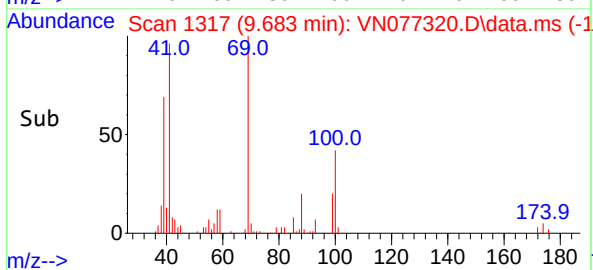
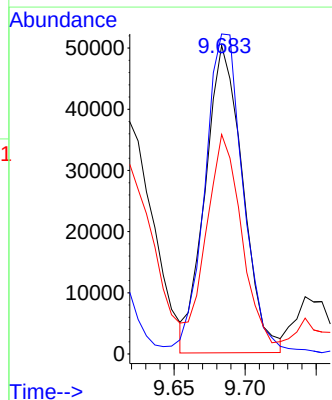
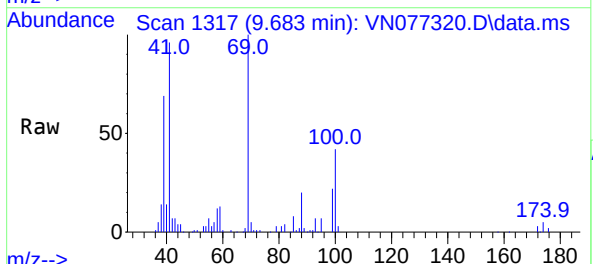
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

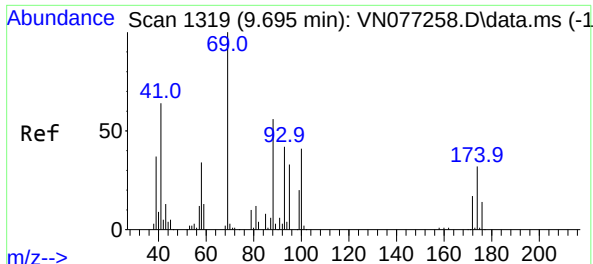
Tgt Ion: 83 Resp: 149732
Ion Ratio Lower Upper
83 100
85 62.4 49.8 74.8
127 7.7 6.2 9.2



#48
Methyl methacrylate
Concen: 17.412 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 41 Resp: 92534
Ion Ratio Lower Upper
41 100
69 107.6 85.0 127.6
39 69.9 53.5 80.3

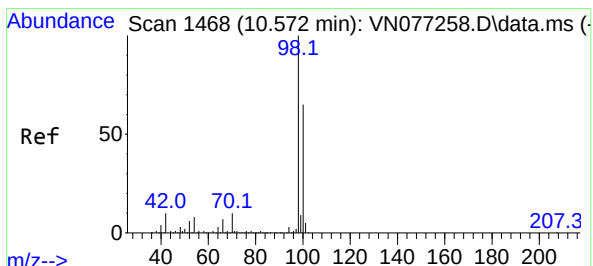
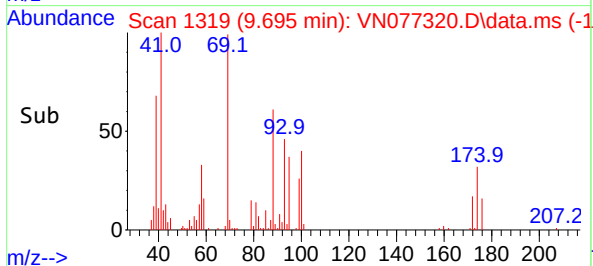
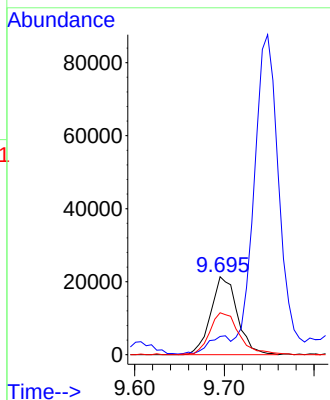
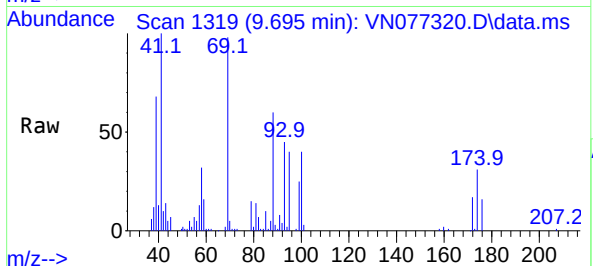




#49
1,4-Dioxane
Concen: 340.380 ug/l
RT: 9.695 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

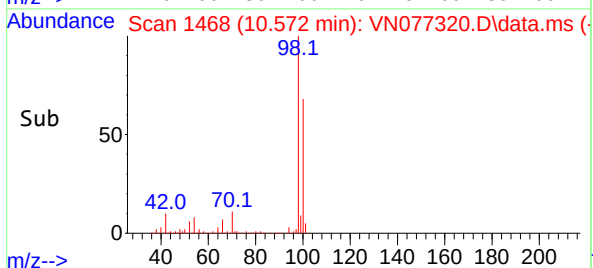
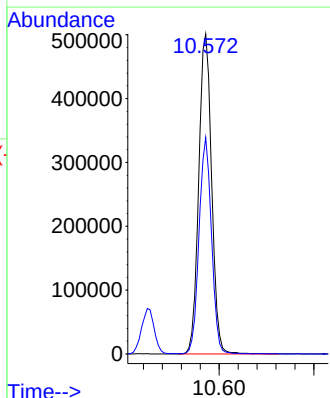
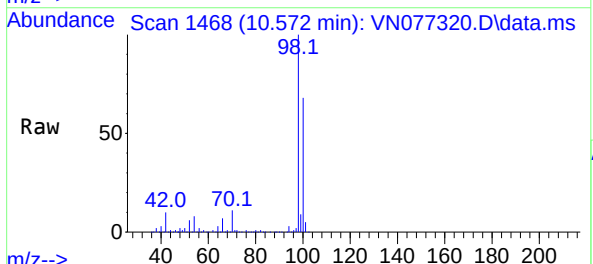
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

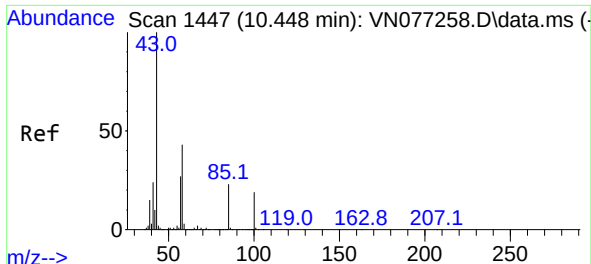
Tgt Ion: 88 Resp: 43856
Ion Ratio Lower Upper
88 100
43 19.2 17.0 25.6
58 60.1 49.8 74.6



#50
Toluene-d8
Concen: 45.955 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 98 Resp: 943850
Ion Ratio Lower Upper
98 100
100 65.5 51.3 76.9

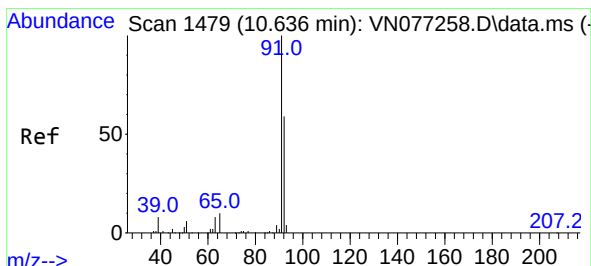
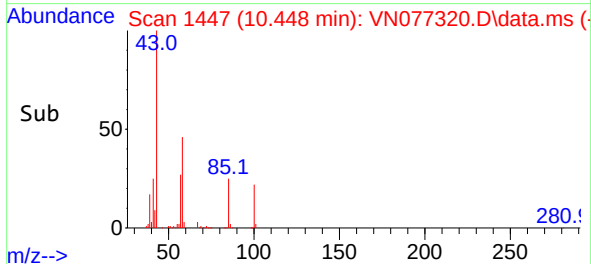
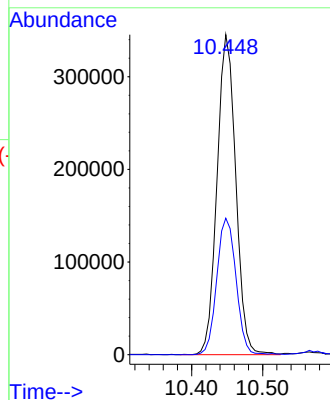
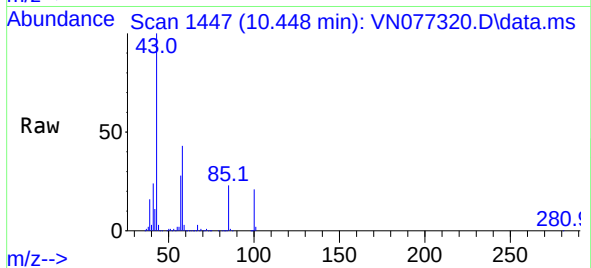




#51
4-Methyl-2-Pentanone
Concen: 87.747 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

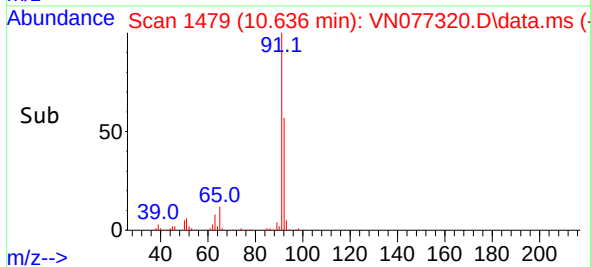
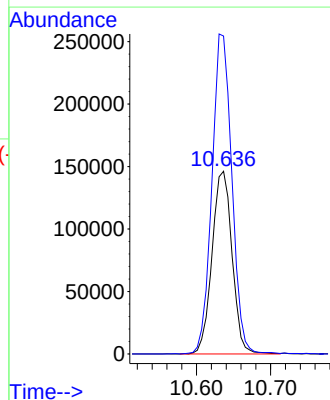
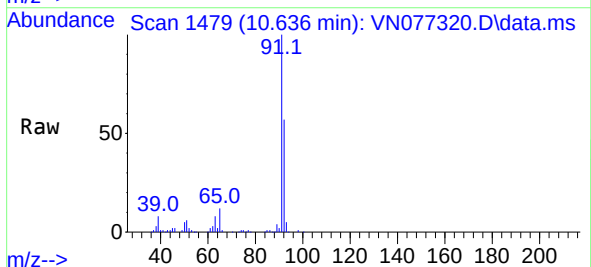
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

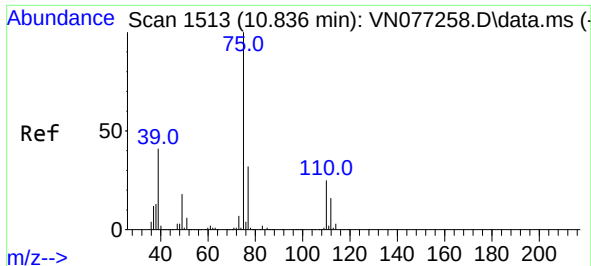
Tgt Ion: 43 Resp: 631855
Ion Ratio Lower Upper
43 100
58 43.6 34.6 52.0



#52
Toluene
Concen: 17.841 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 92 Resp: 274856
Ion Ratio Lower Upper
92 100
91 174.5 138.0 207.0

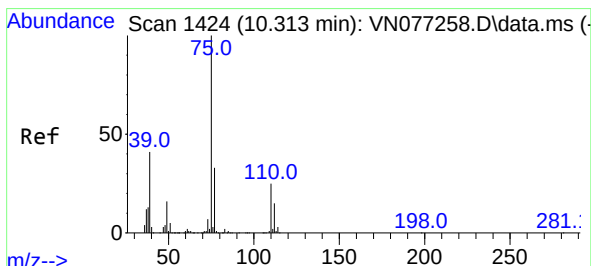
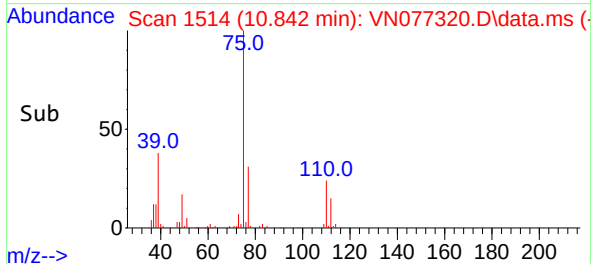
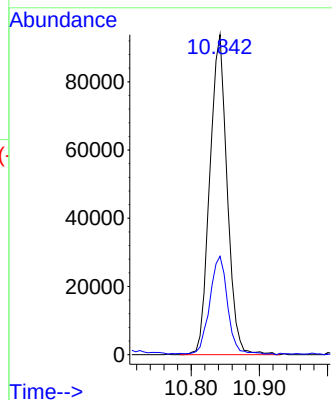
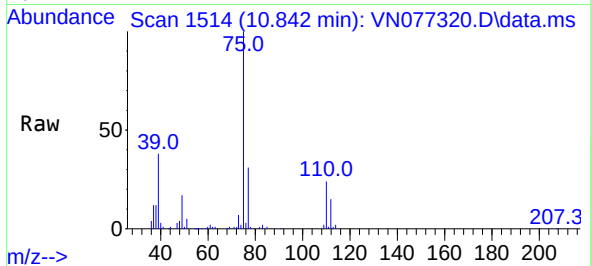




#53
t-1,3-Dichloropropene
Concen: 18.178 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

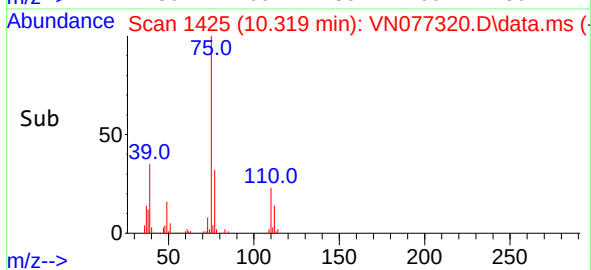
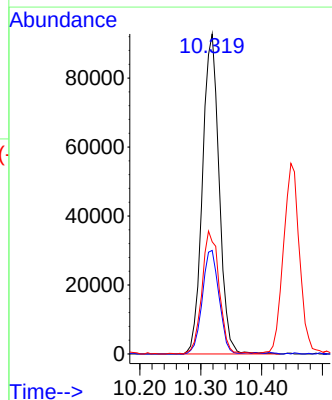
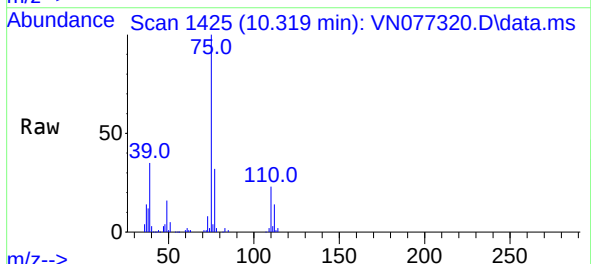
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

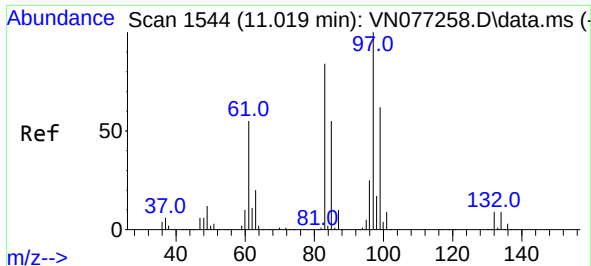
Tgt Ion: 75 Resp: 166167
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 18.087 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 75 Resp: 176102
Ion Ratio Lower Upper
75 100
77 32.4 26.7 40.1
39 34.9 32.8 49.2



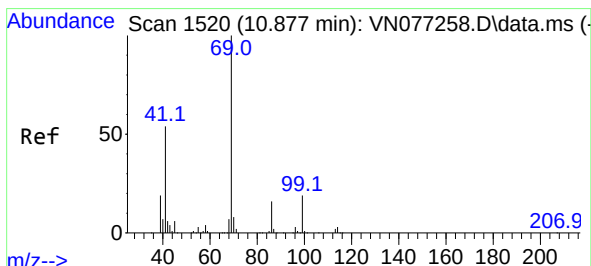
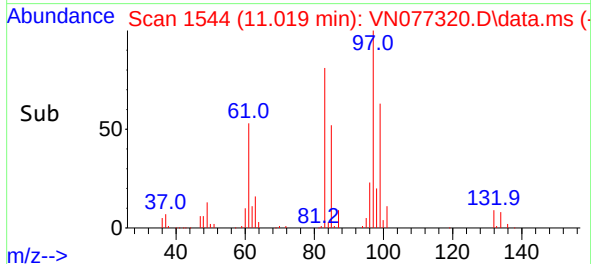
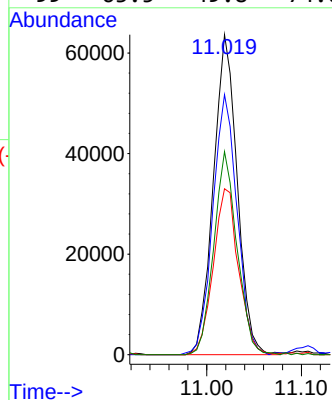
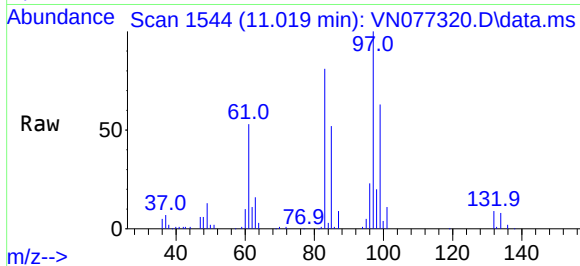


#55
1,1,2-Trichloroethane
Concen: 18.376 ug/l
RT: 11.019 min Scan# 111127
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

Tgt Ion: 97 Resp: 111127

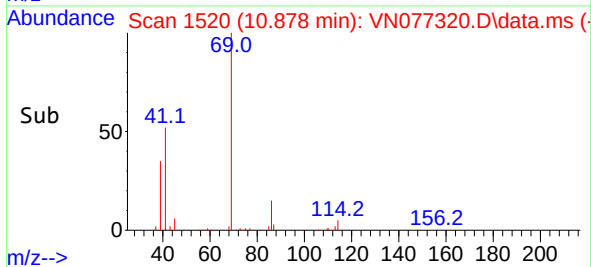
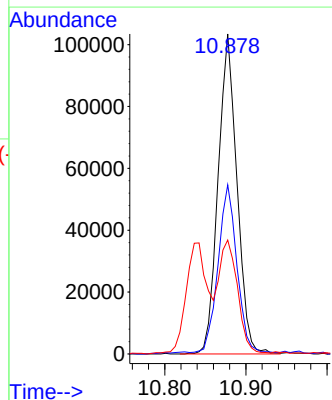
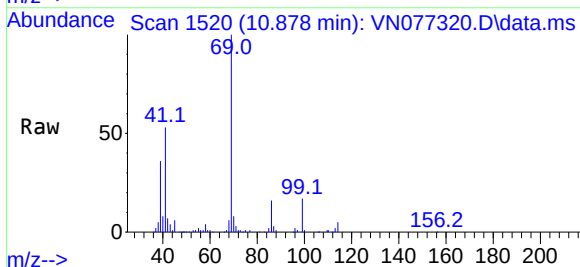
Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.4	101.2
85	51.9	44.1	66.1
99	63.5	49.8	74.6

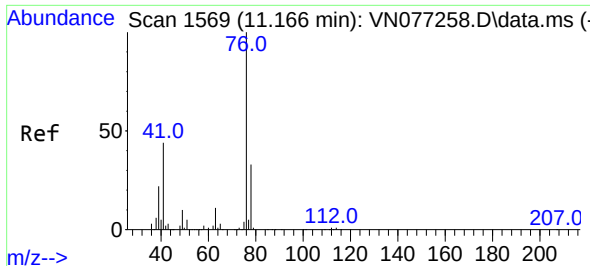


#56
Ethyl methacrylate
Concen: 17.721 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 69 Resp: 166917

Ion	Ratio	Lower	Upper
69	100		
41	54.6	42.8	64.2
39	34.7	27.0	40.4

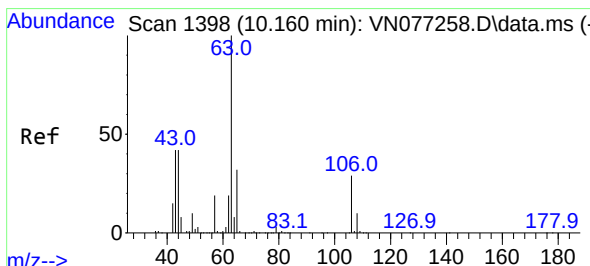
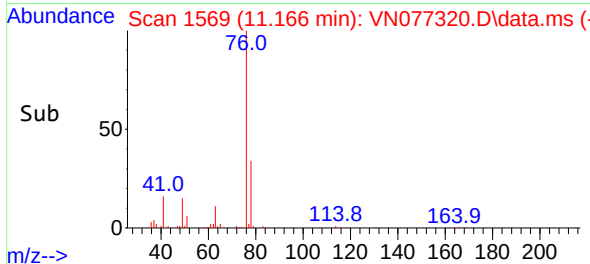
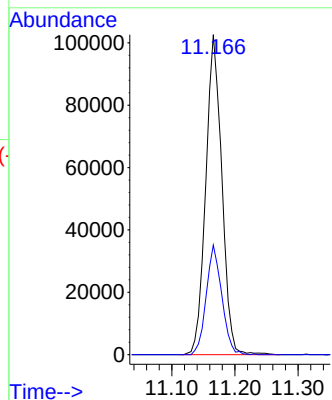
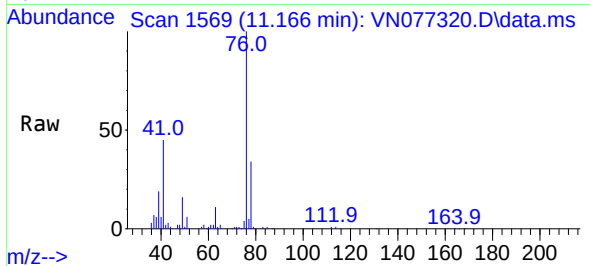




#57
1,3-Dichloropropane
Concen: 18.197 ug/l
RT: 11.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

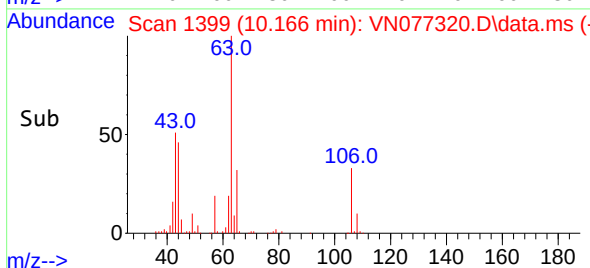
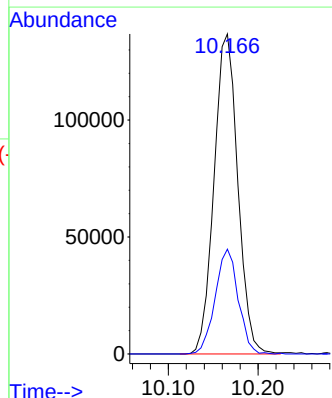
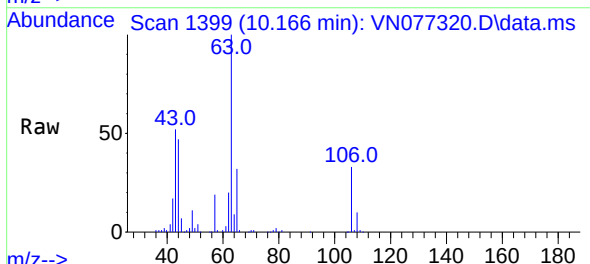
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

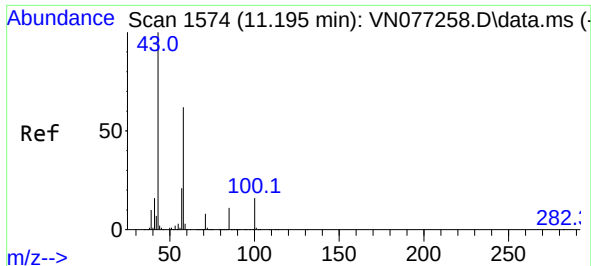
Tgt Ion: 76 Resp: 181803
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 89.656 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 63 Resp: 251389
Ion Ratio Lower Upper
63 100
106 31.7 24.1 36.1

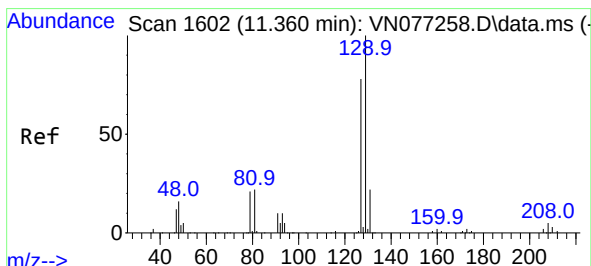
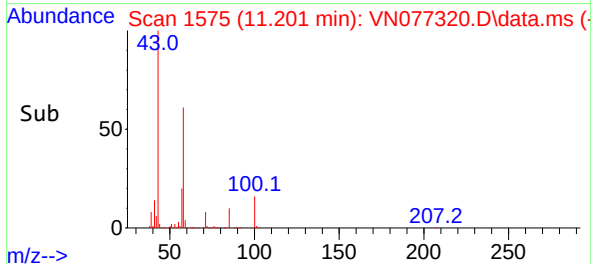
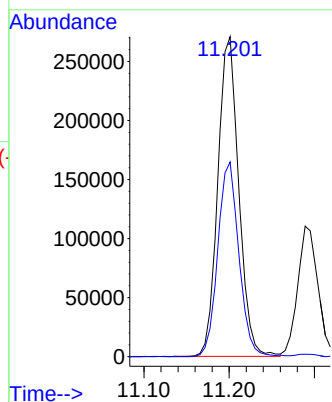
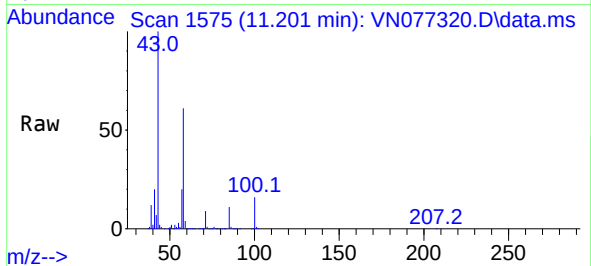




#59
2-Hexanone
Concen: 86.063 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

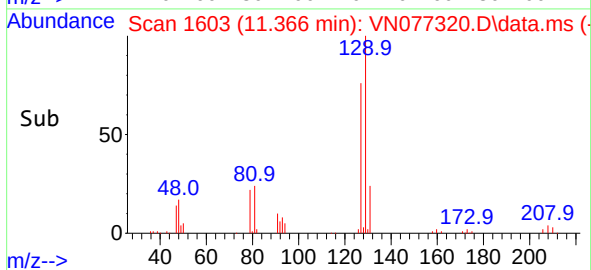
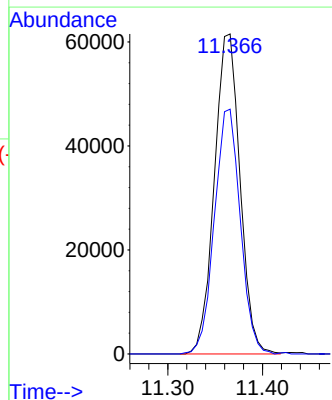
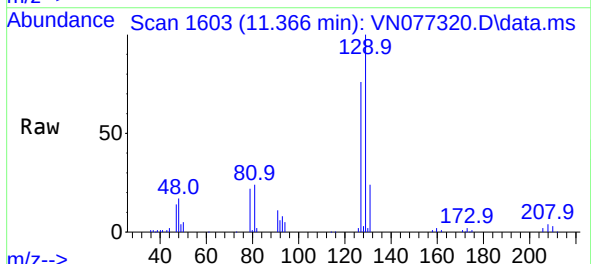
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

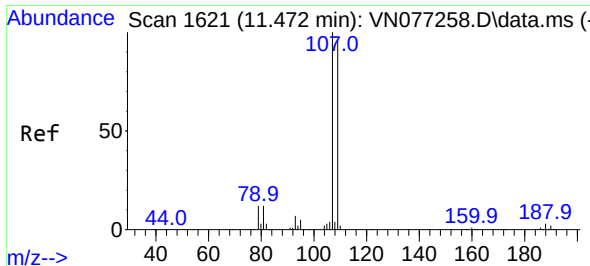
Tgt Ion: 43 Resp: 461696
Ion Ratio Lower Upper
43 100
58 61.4 30.9 92.5



#60
Dibromochloromethane
Concen: 18.596 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 129 Resp: 115821
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5

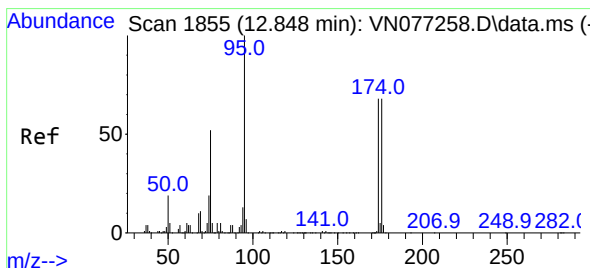
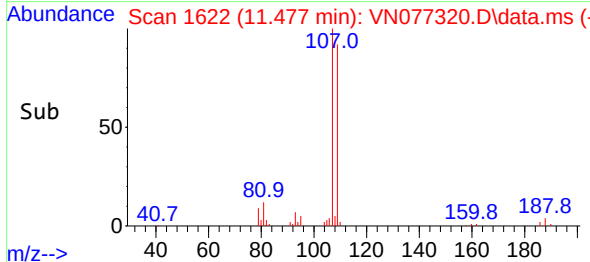
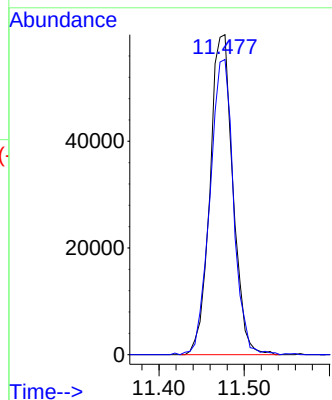
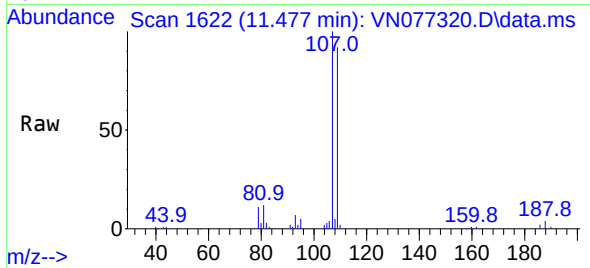




#61
1,2-Dibromoethane
Concen: 18.598 ug/l
RT: 11.477 min Scan# 1621
Delta R.T. 0.005 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

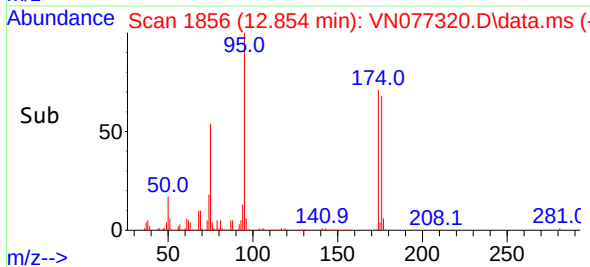
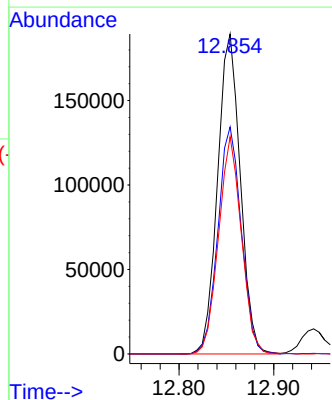
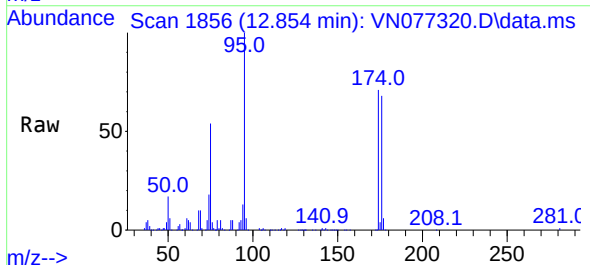
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

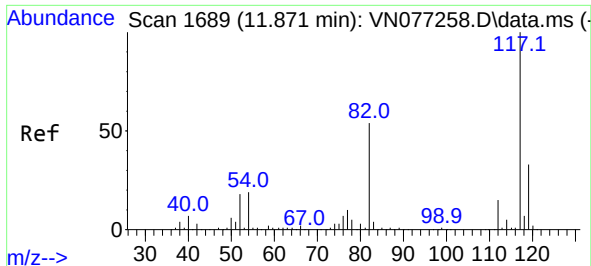
Tgt Ion:107 Resp: 112257
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 46.279 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 95 Resp: 316131
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.8
176 67.9 0.0 139.6

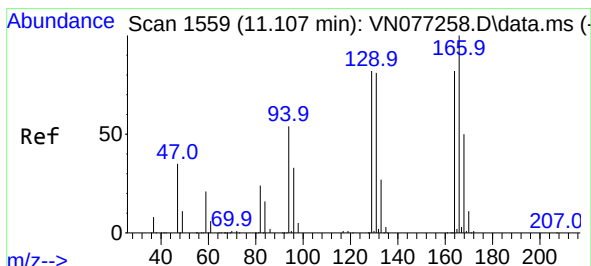
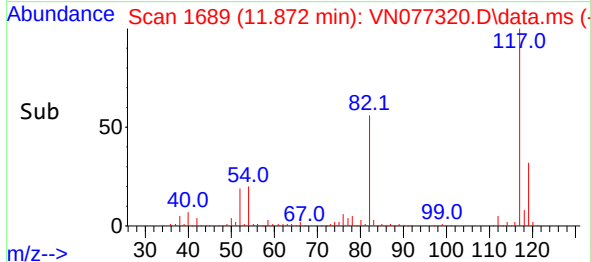
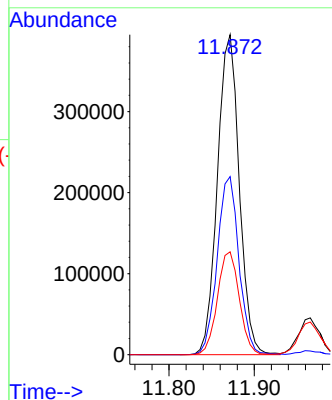
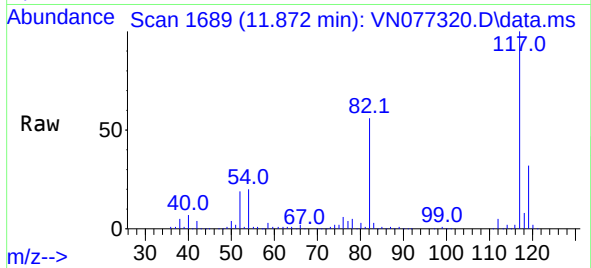




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

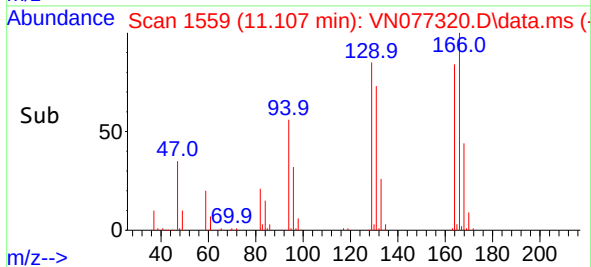
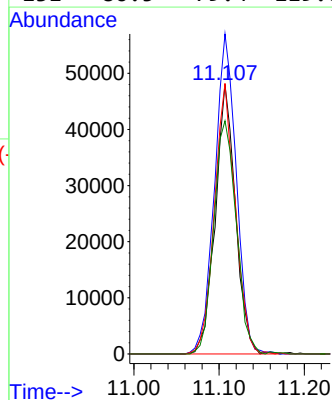
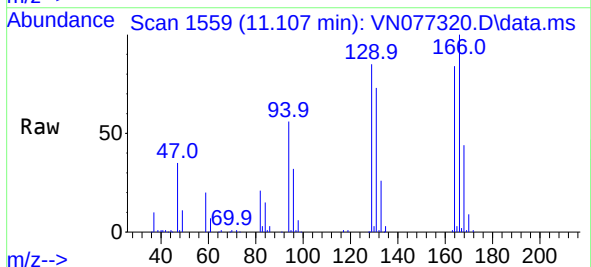
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

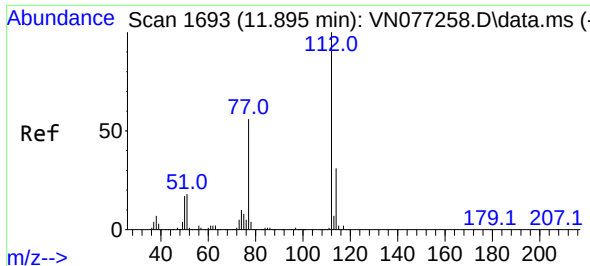
Tgt Ion:117 Resp: 703728
Ion Ratio Lower Upper
117 100
82 55.6 42.9 64.3
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 18.257 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion:164 Resp: 79368
Ion Ratio Lower Upper
164 100
166 118.8 97.8 146.6
129 100.4 80.1 120.1
131 86.5 79.4 119.0

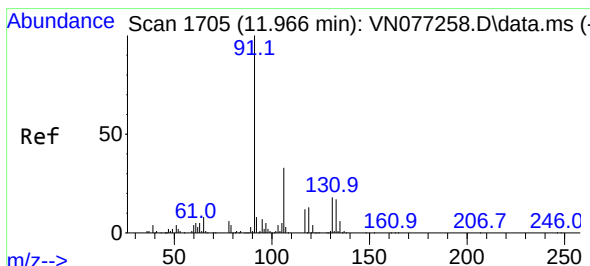
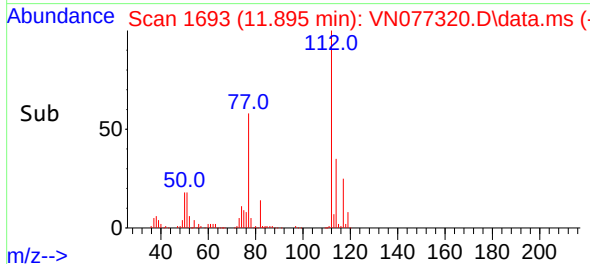
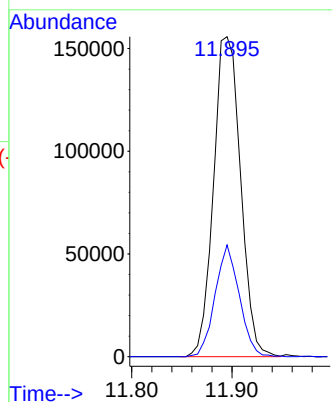
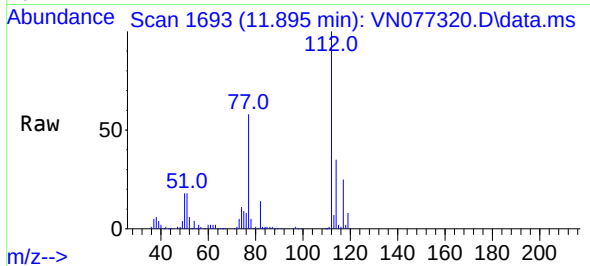




#65
Chlorobenzene
Concen: 18.851 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

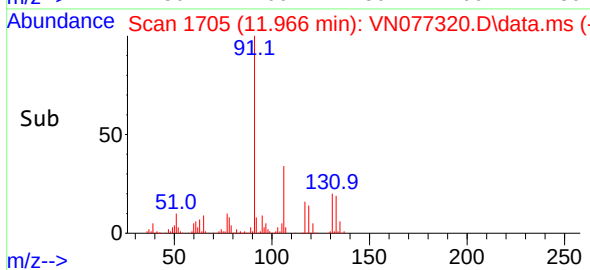
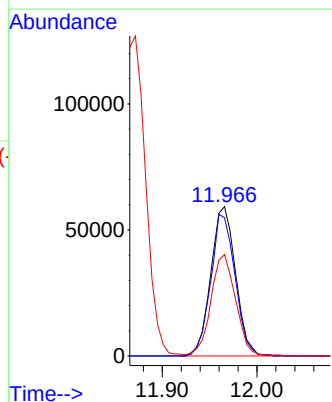
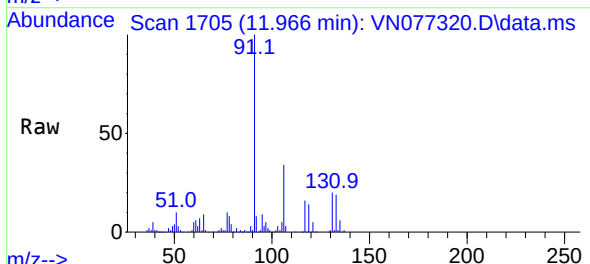
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

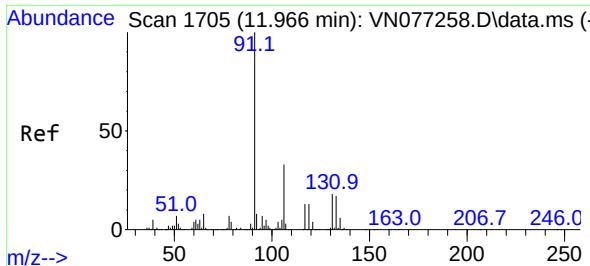
Tgt Ion:112 Resp: 292059
Ion Ratio Lower Upper
112 100
114 34.9 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.335 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion:131 Resp: 107484
Ion Ratio Lower Upper
131 100
133 93.4 46.9 140.6
119 68.0 34.0 102.0

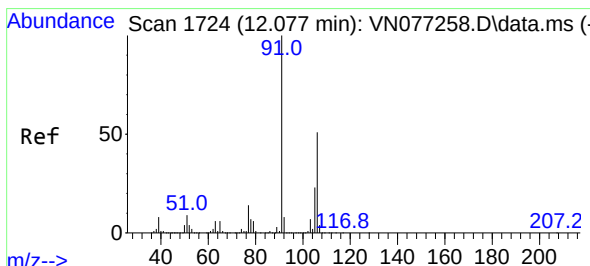
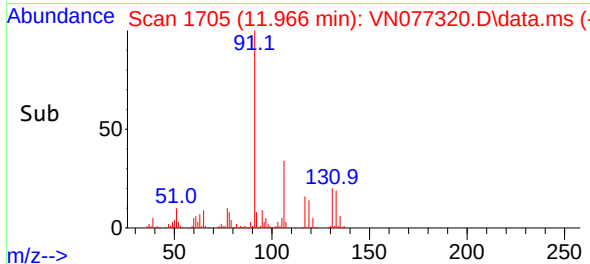
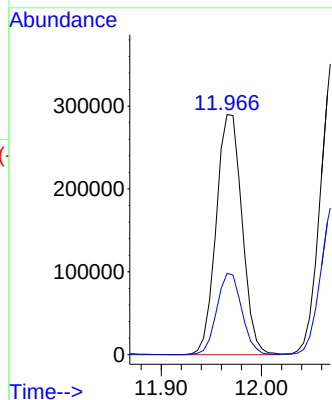
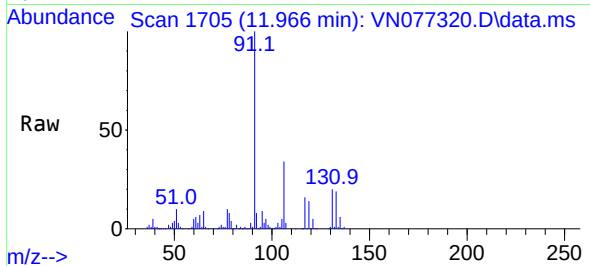




#67
Ethyl Benzene
Concen: 18.182 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

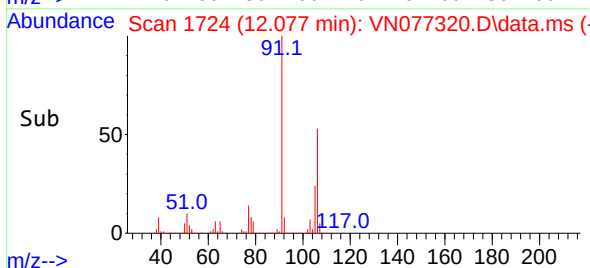
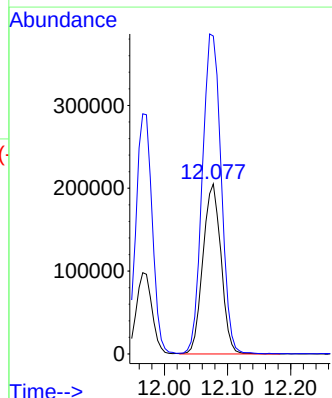
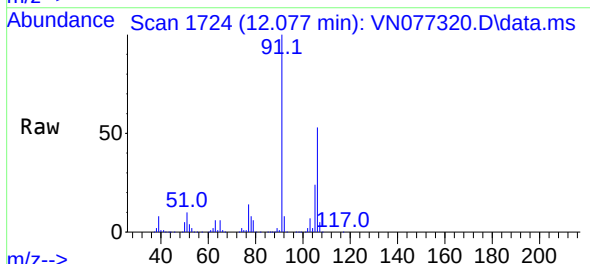
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

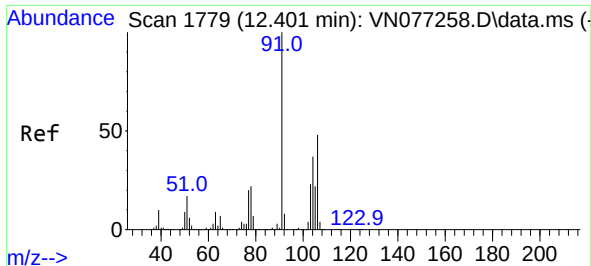
Tgt Ion: 91 Resp: 519833
Ion Ratio Lower Upper
91 100
106 33.9 26.2 39.2



#68
m/p-Xylenes
Concen: 36.312 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 106 Resp: 407920
Ion Ratio Lower Upper
106 100
91 195.7 158.7 238.1

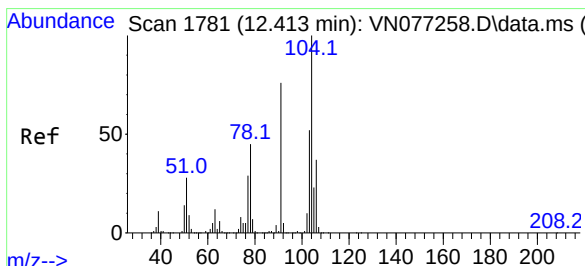
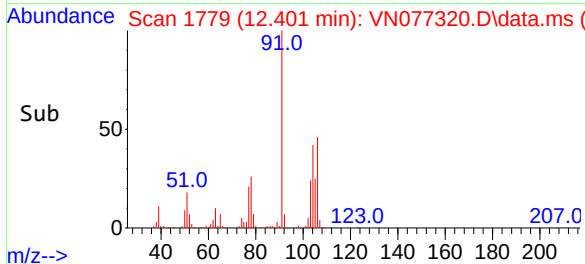
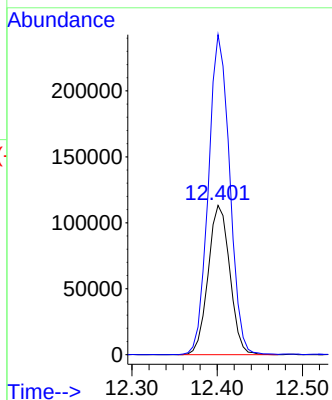
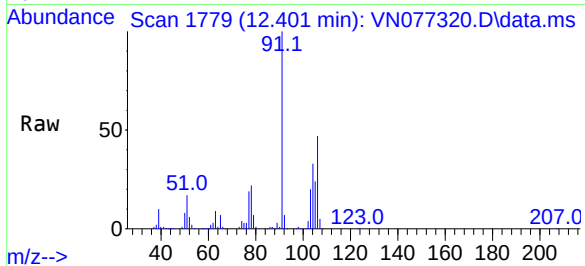




#69
o-Xylene
Concen: 18.019 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

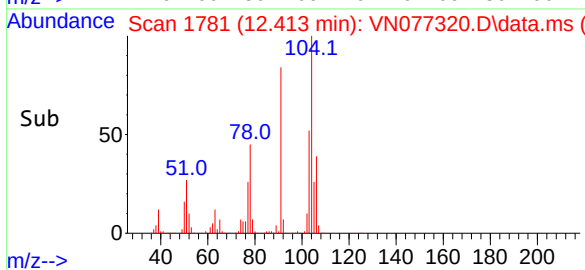
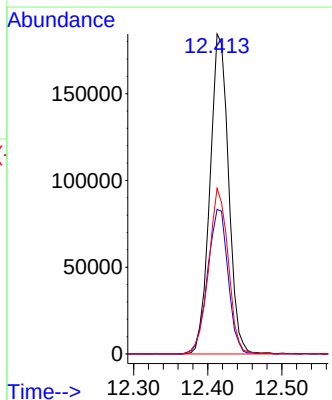
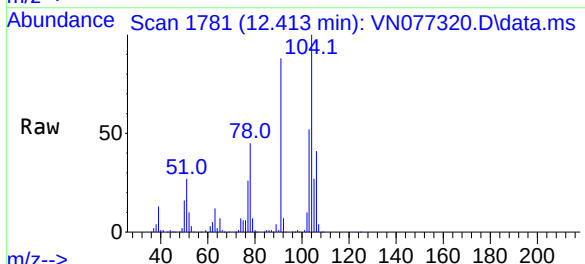
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

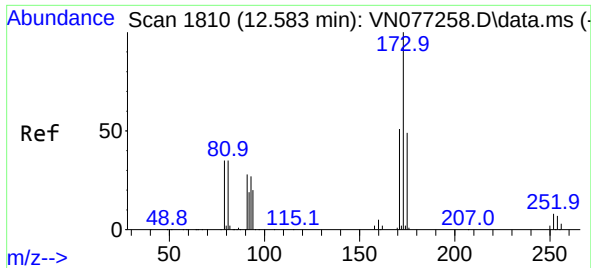
Tgt Ion:106 Resp: 199690
Ion Ratio Lower Upper
106 100
91 210.9 104.0 312.0



#70
Styrene
Concen: 18.073 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion:104 Resp: 322317
Ion Ratio Lower Upper
104 100
78 49.8 38.0 57.0
103 54.6 43.1 64.7

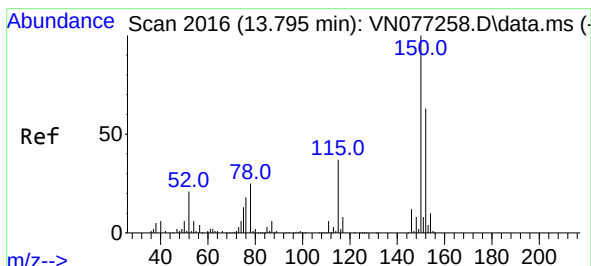
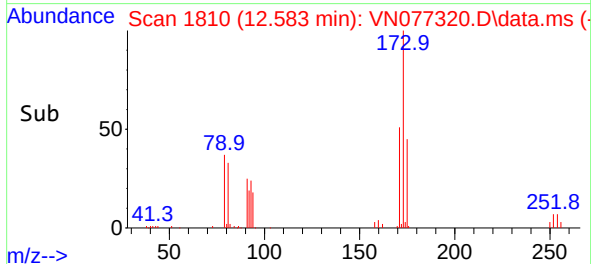
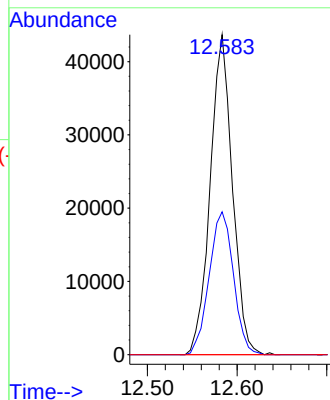
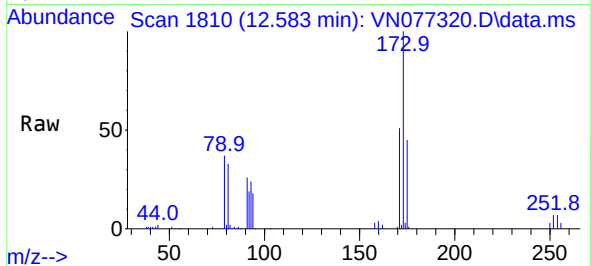




#71
Bromoform
Concen: 18.226 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

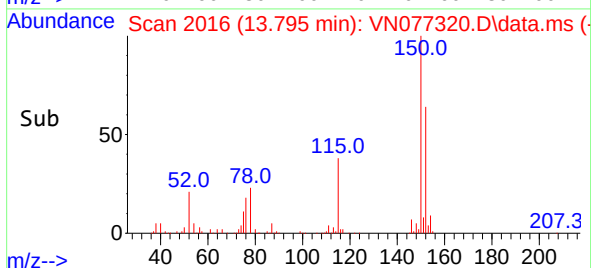
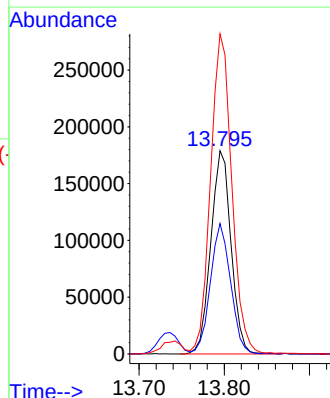
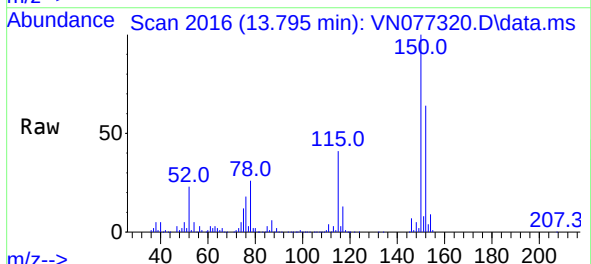
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

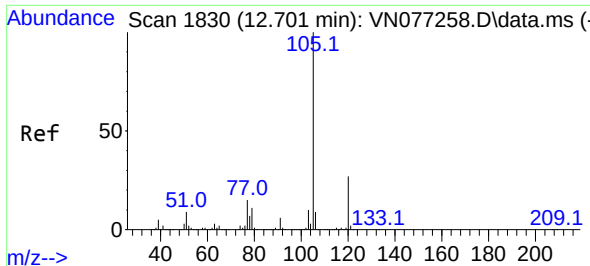
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.4
254	0.0	0.1	0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.1	96.3
150	165.3	0.0	354.8

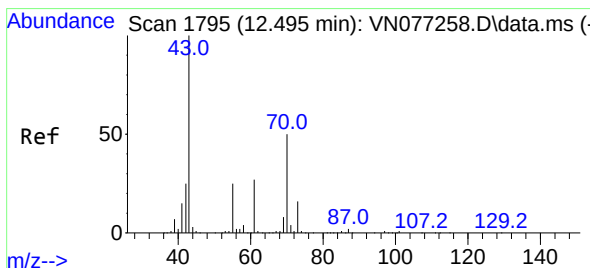
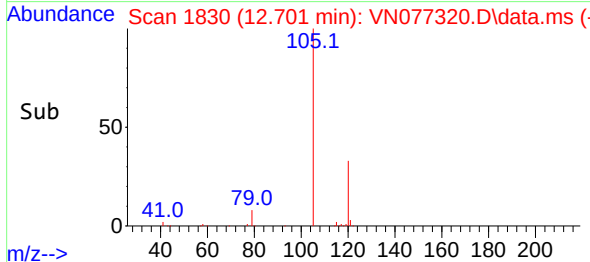
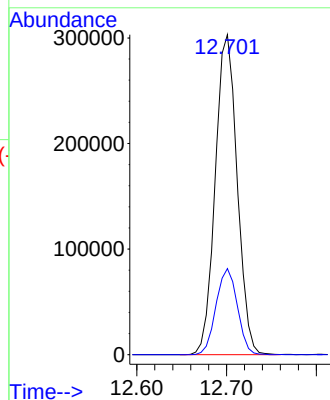
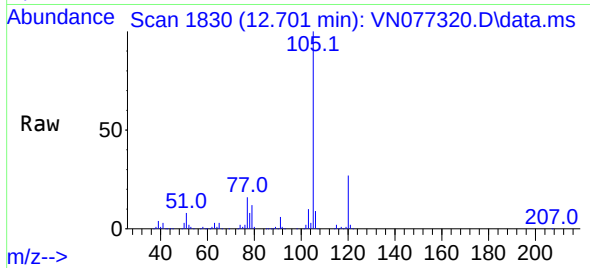




#73
Isopropylbenzene
Concen: 17.928 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

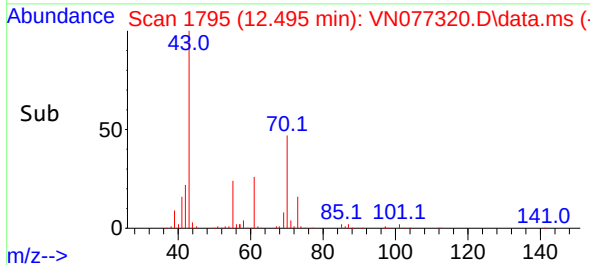
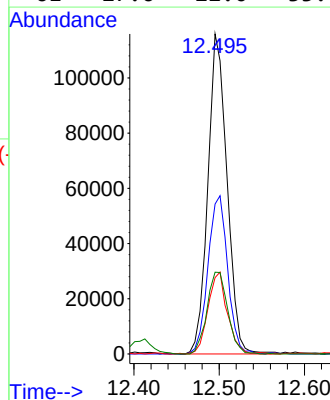
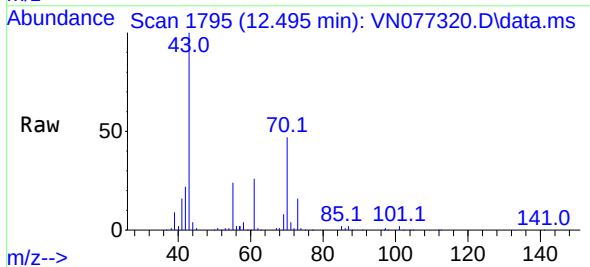
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

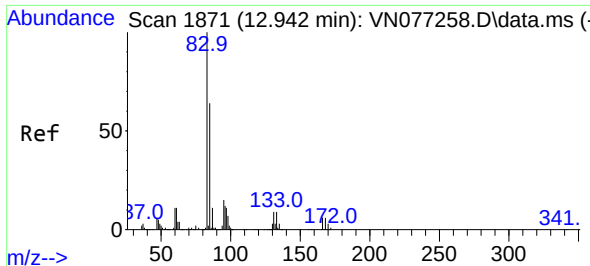
Tgt Ion:105 Resp: 513924
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#74
N-ethyl acetate
Concen: 16.695 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 43 Resp: 181366
Ion Ratio Lower Upper
43 100
70 50.7 41.0 61.6
55 25.7 19.3 28.9
61 27.6 22.0 33.0

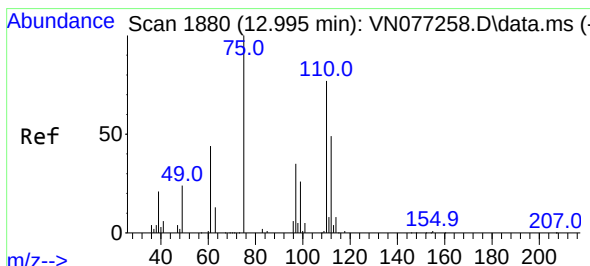
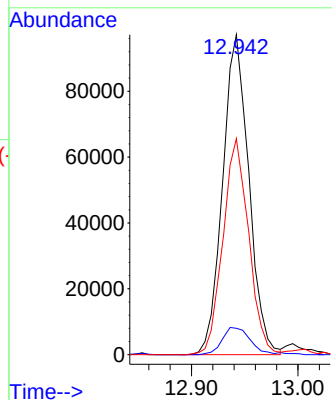
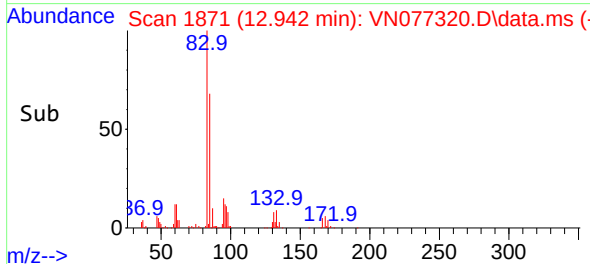
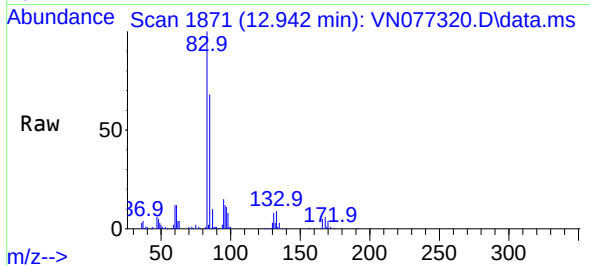




#75
1,1,2,2-Tetrachloroethane
Concen: 18.463 ug/l
RT: 12.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

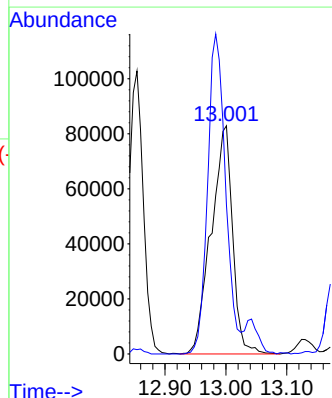
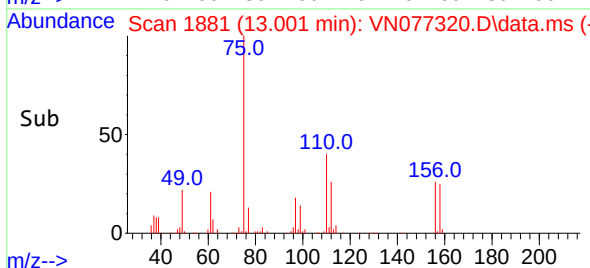
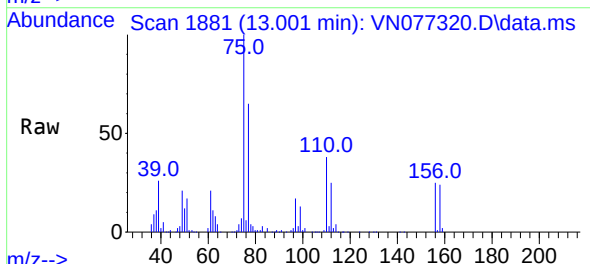
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

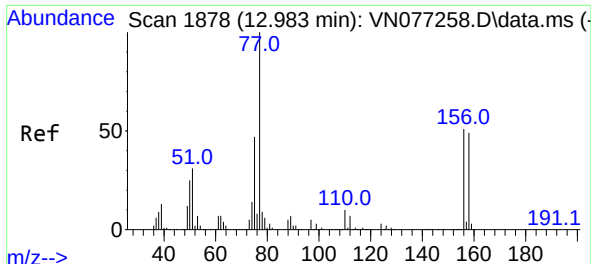
Tgt Ion: 83 Resp: 166099
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.6
85 66.2 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 28.883 ug/l
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 75 Resp: 202994
Ion Ratio Lower Upper
75 100
77 117.1 88.3 264.9

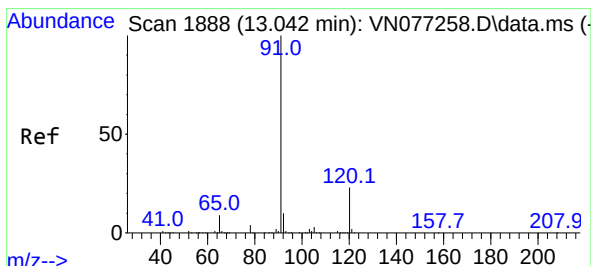
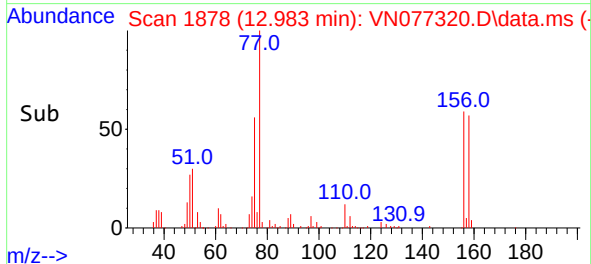
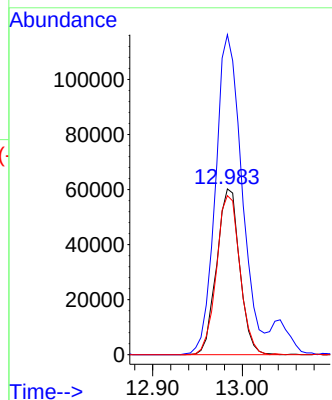
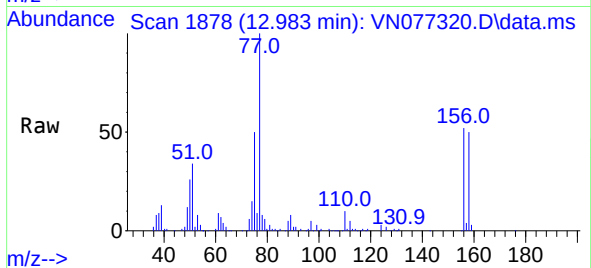




#77
Bromobenzene
Concen: 18.388 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

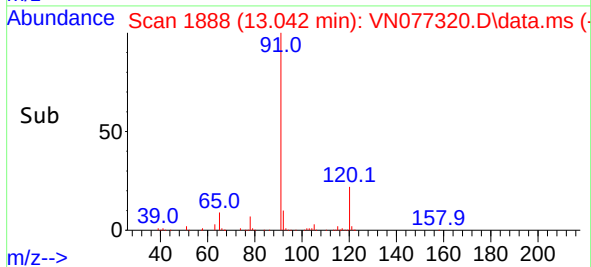
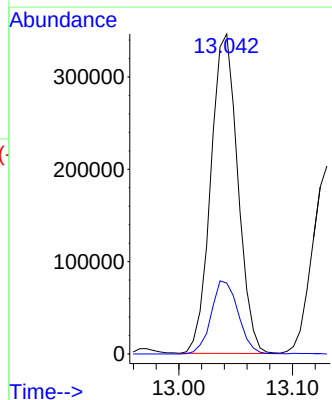
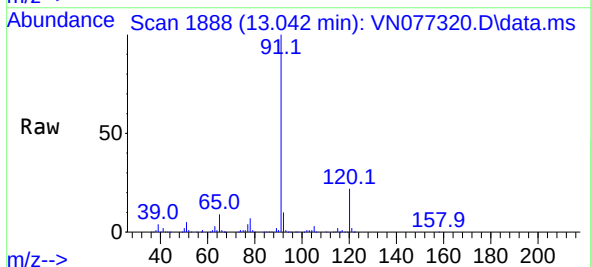
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

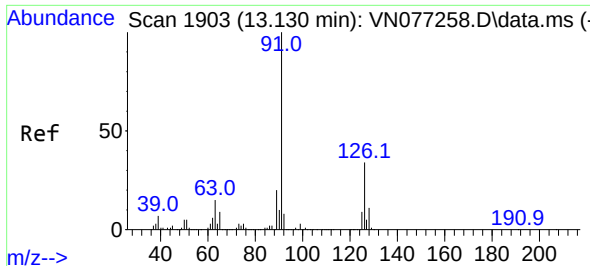
Tgt Ion:156 Resp: 107181
Ion Ratio Lower Upper
156 100
77 221.7 115.3 345.8
158 97.7 49.3 147.8



#78
n-propylbenzene
Concen: 18.046 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 91 Resp: 571603
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5

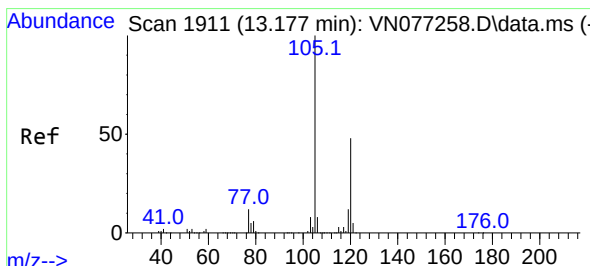
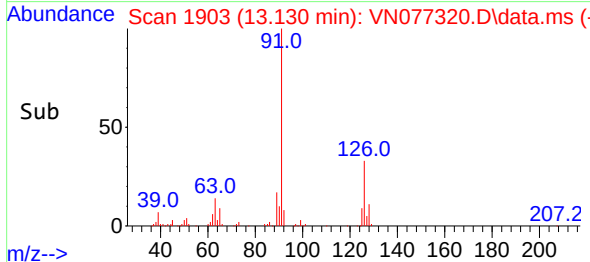
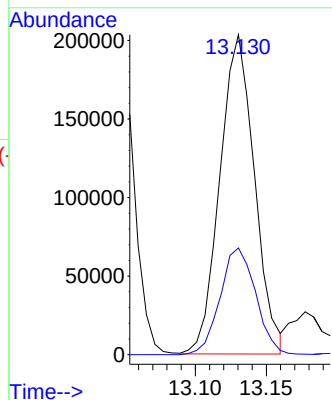
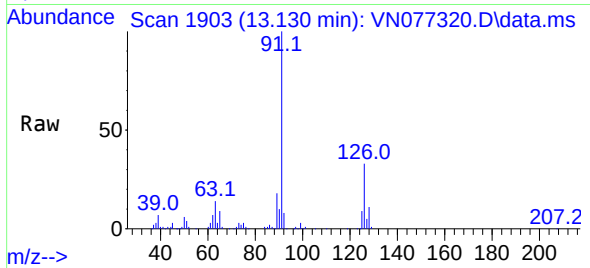




#79
2-Chlorotoluene
Concen: 18.059 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

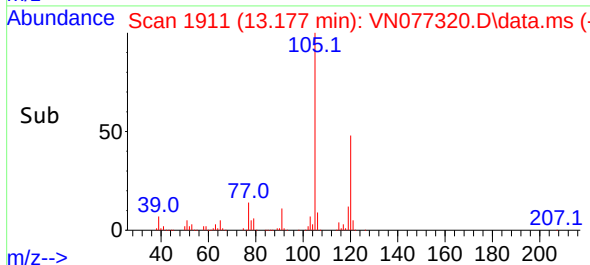
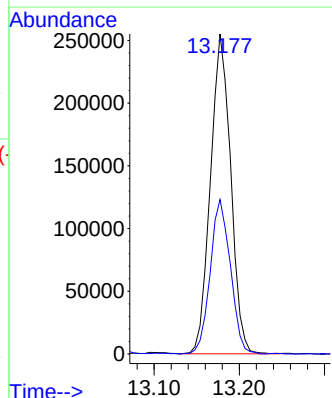
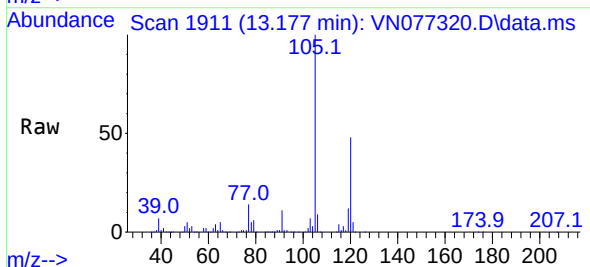
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

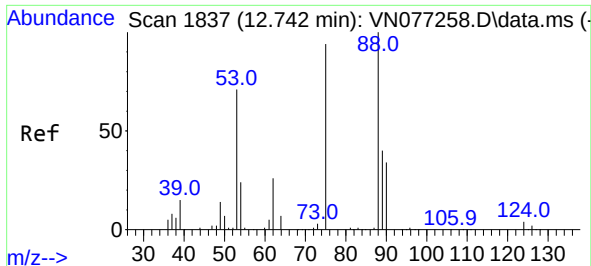
Tgt Ion: 91 Resp: 344434
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 18.384 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 105 Resp: 420915
Ion Ratio Lower Upper
105 100
120 48.1 24.3 73.0

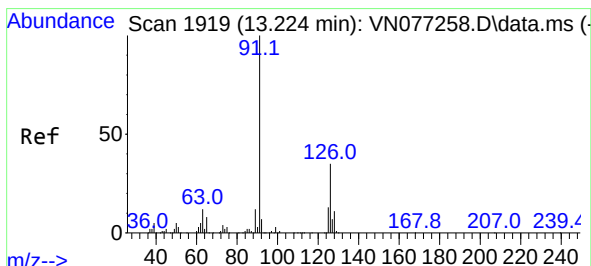
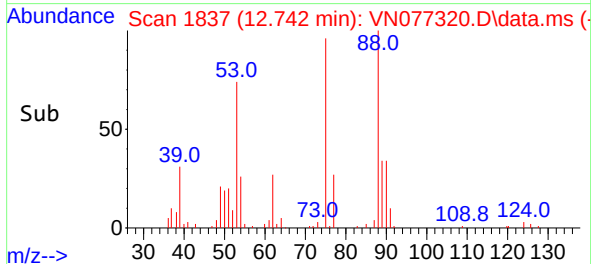
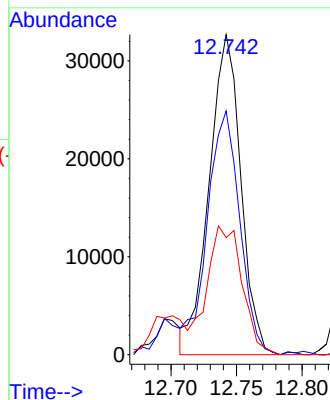
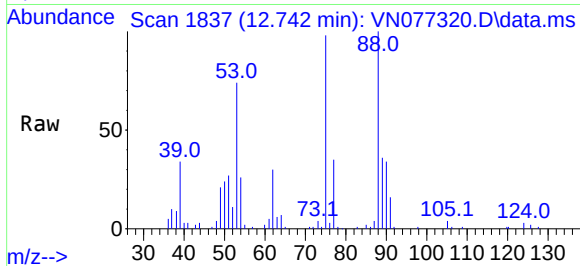




#81
trans-1,4-Dichloro-2-butene
Concen: 17.584 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

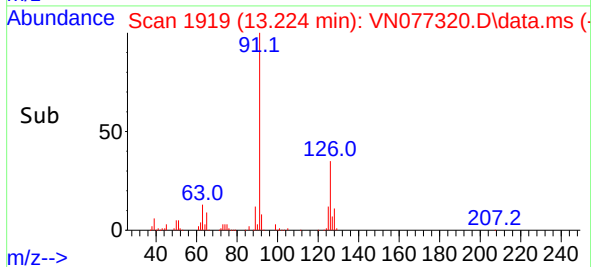
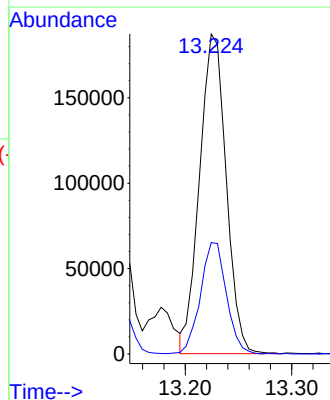
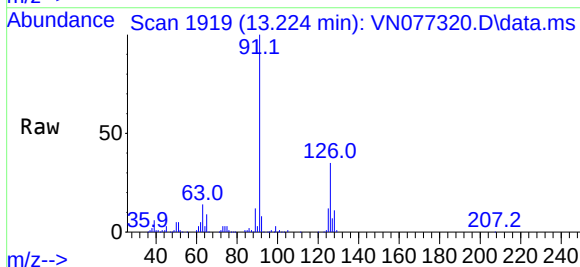
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

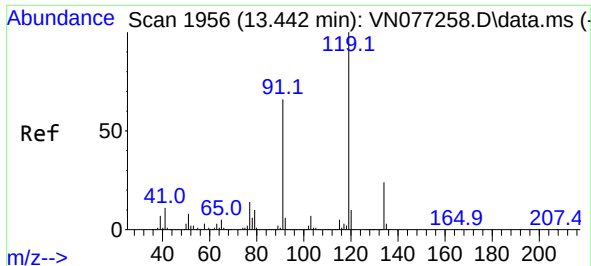
Tgt Ion: 75 Resp: 54917
Ion Ratio Lower Upper
75 100
53 78.2 72.8 109.2
89 44.6 37.4 56.2



#82
4-Chlorotoluene
Concen: 18.071 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 91 Resp: 324948
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7

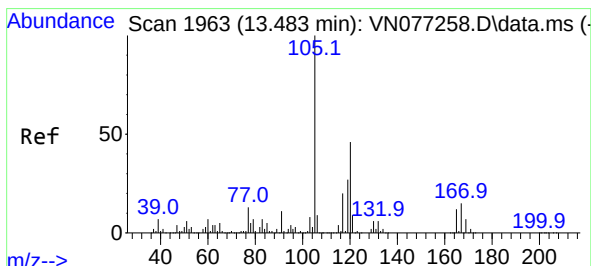
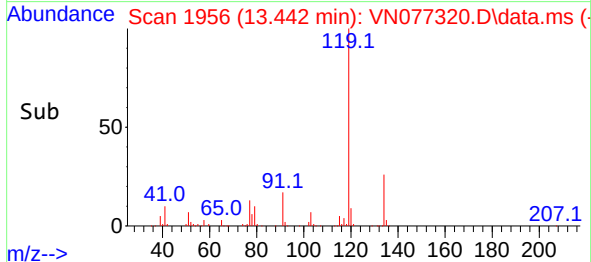
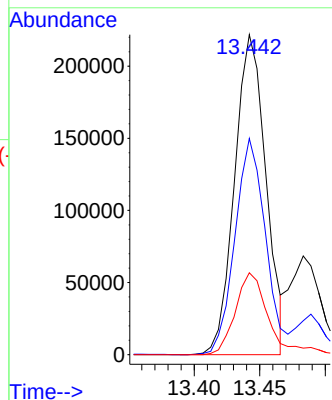
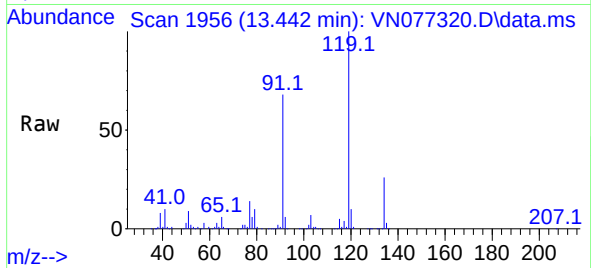




#83
tert-Butylbenzene
Concen: 18.110 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

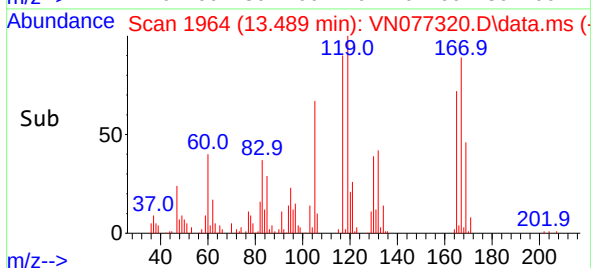
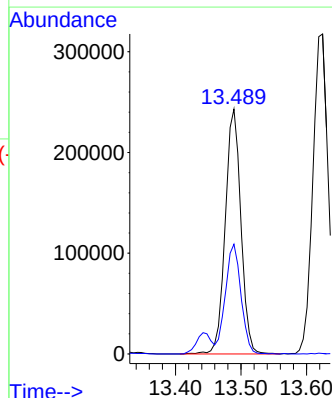
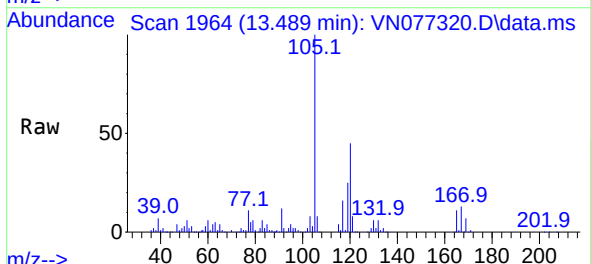
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

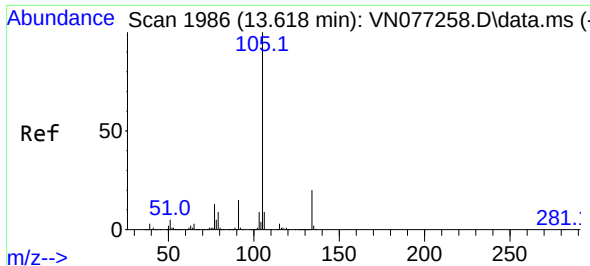
Tgt Ion:119 Resp: 369072
Ion Ratio Lower Upper
119 100
91 66.1 33.5 100.4
134 27.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 17.774 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion:105 Resp: 402045
Ion Ratio Lower Upper
105 100
120 44.7 22.5 67.5

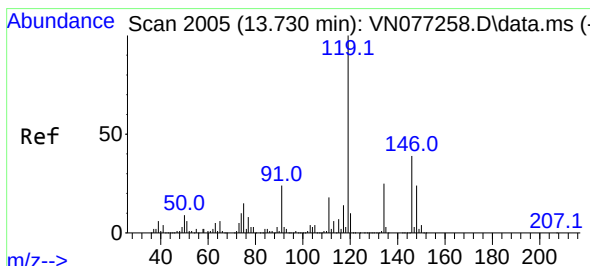
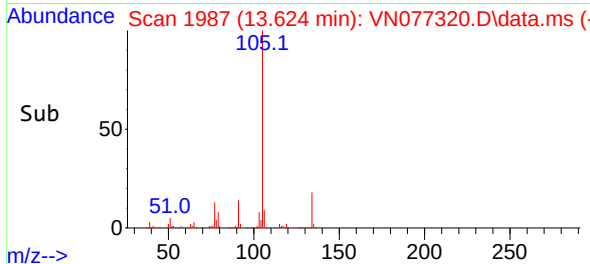
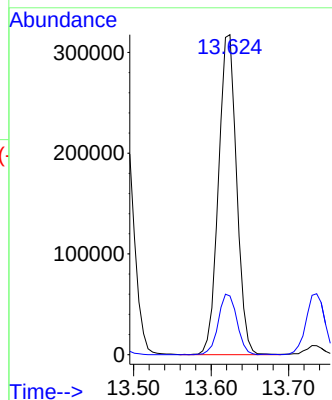
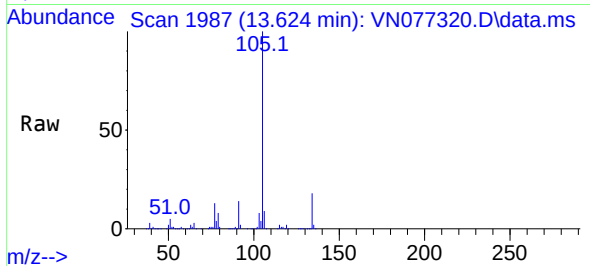




#85
 sec-Butylbenzene
 Concen: 18.250 ug/l
 RT: 13.624 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN077320.D
 Acq: 13 Apr 2023 11:46

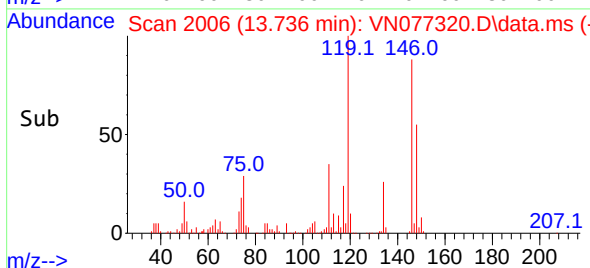
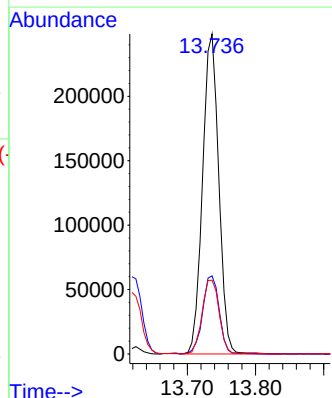
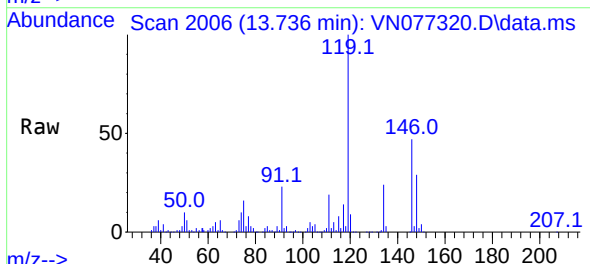
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBSD01

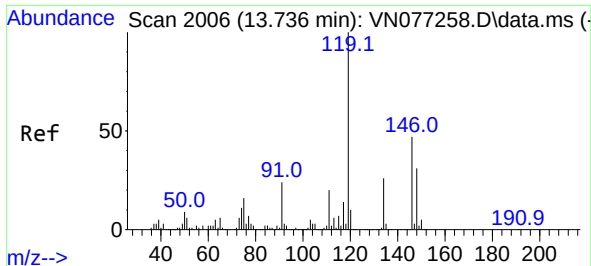
Tgt Ion:105 Resp: 518336
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 18.369 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077320.D
 Acq: 13 Apr 2023 11:46

Tgt Ion:119 Resp: 410030
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.9 38.6
 91 24.0 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 18.319 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077320.D

Acq: 13 Apr 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBSD01

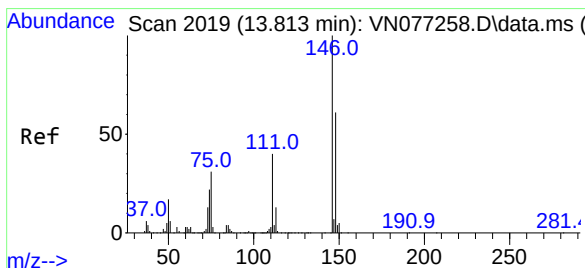
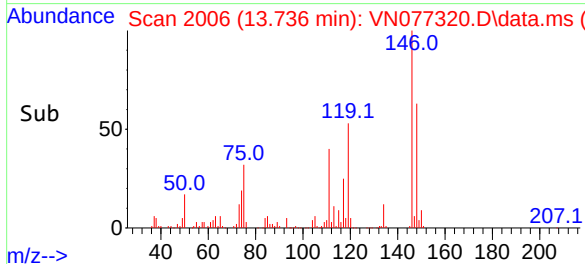
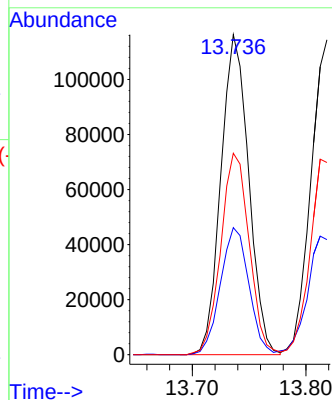
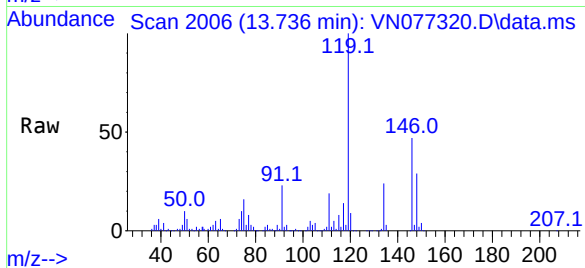
Tgt Ion:146 Resp: 197550

Ion Ratio Lower Upper

146 100

111 40.6 21.8 65.4

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 17.944 ug/l

RT: 13.818 min Scan# 2020

Delta R.T. 0.005 min

Lab File: VN077320.D

Acq: 13 Apr 2023 11:46

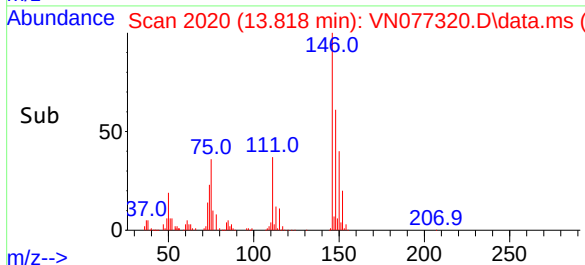
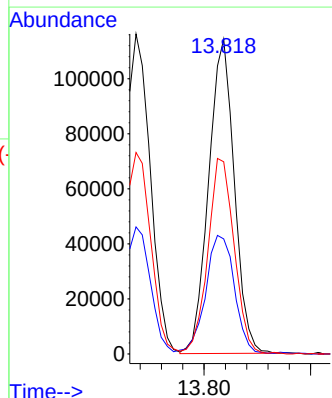
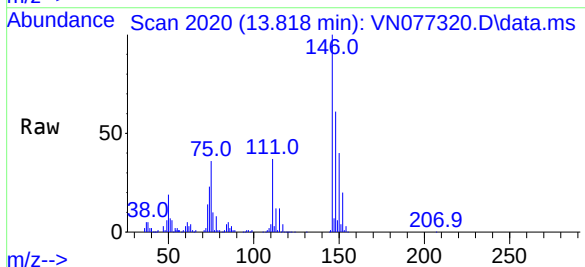
Tgt Ion:146 Resp: 190817

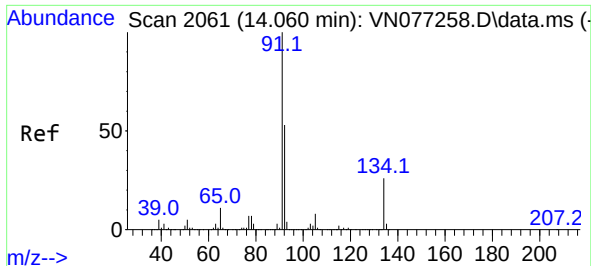
Ion Ratio Lower Upper

146 100

111 42.0 20.4 61.2

148 64.0 31.6 95.0

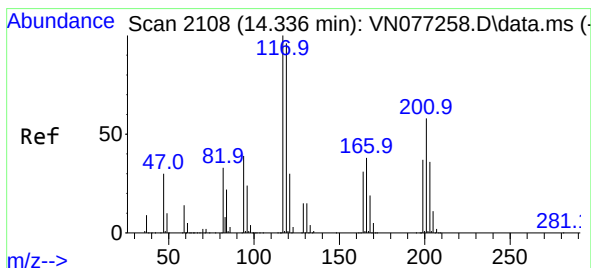
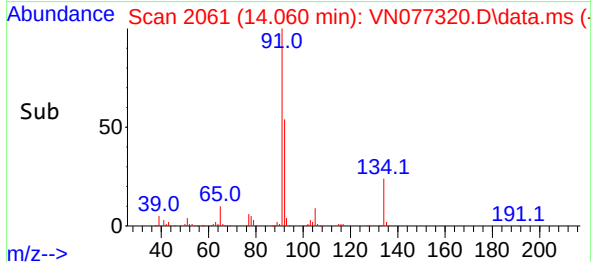
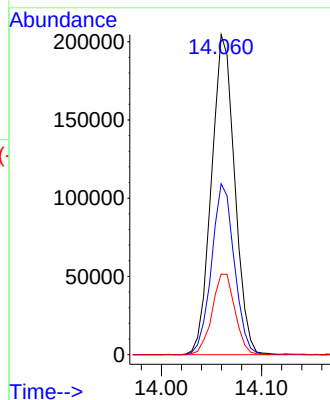
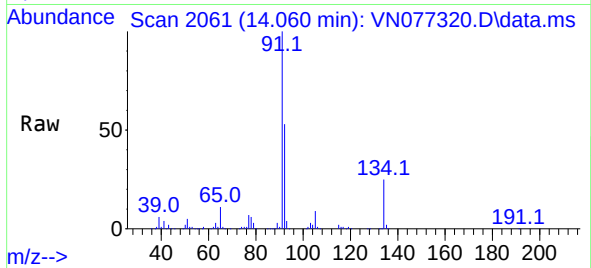




#89
n-Butylbenzene
Concen: 17.754 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

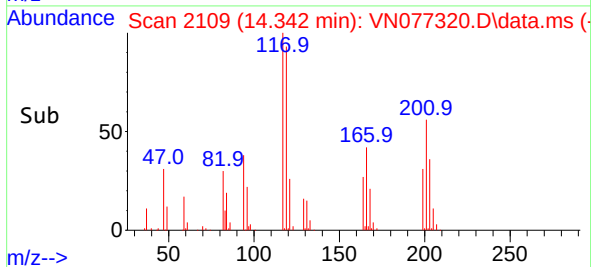
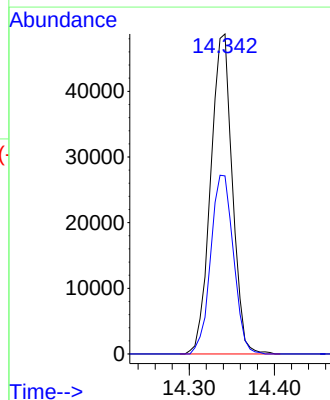
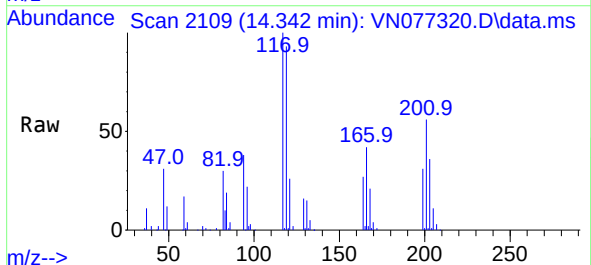
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

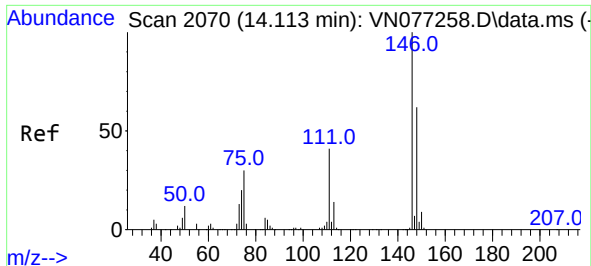
Tgt Ion: 91 Resp: 329004
Ion Ratio Lower Upper
91 100
92 52.4 26.7 80.0
134 24.8 12.8 38.3



#90
Hexachloroethane
Concen: 17.665 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion: 117 Resp: 86217
Ion Ratio Lower Upper
117 100
201 58.7 29.8 89.5

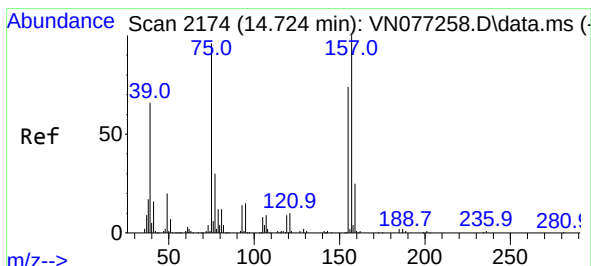
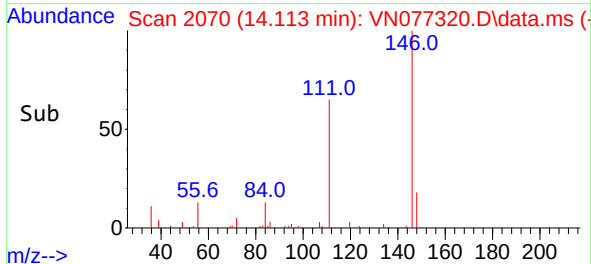
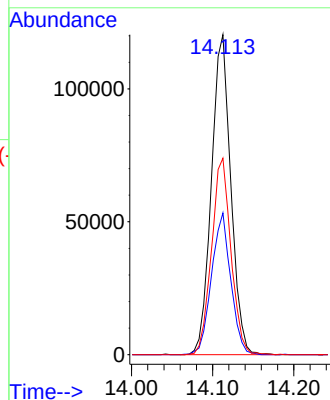
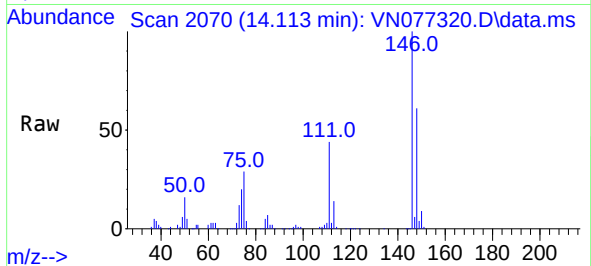




#91
1,2-Dichlorobenzene
Concen: 18.513 ug/l
RT: 14.113 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

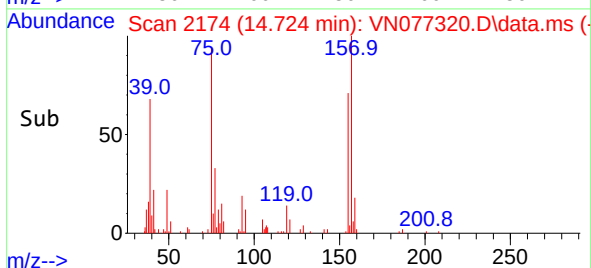
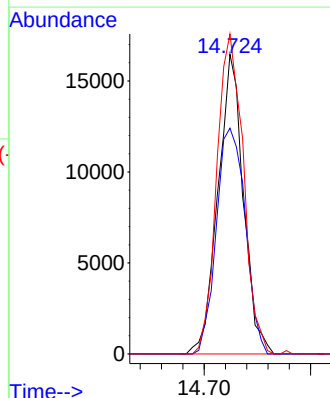
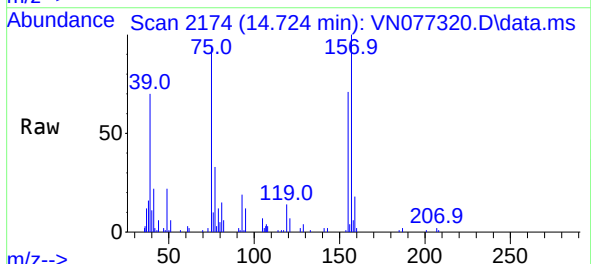
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

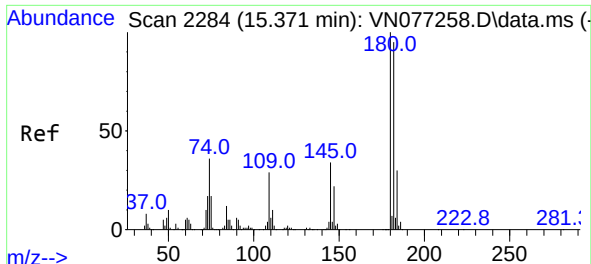
Tgt Ion:	146	Resp:	199715
Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.9	65.5
148	61.6	31.9	95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.950 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion:	75	Resp:	27194
Ion	Ratio	Lower	Upper
75	100		
155	85.9	41.0	123.2
157	111.5	54.0	162.0

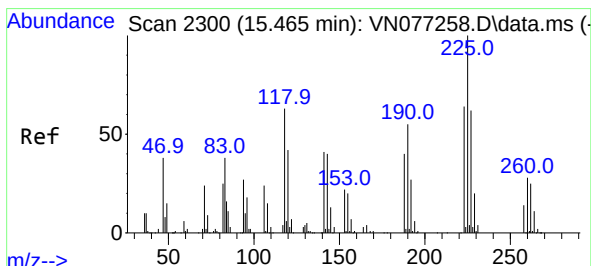
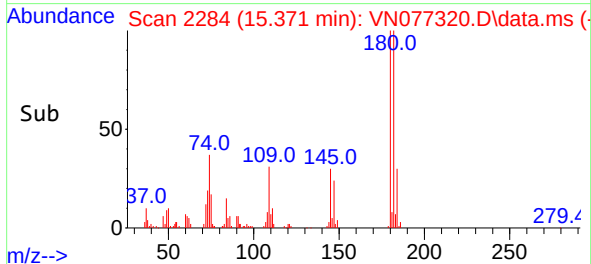
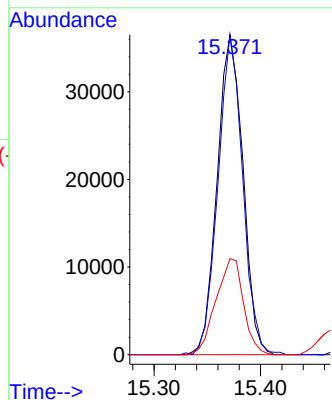
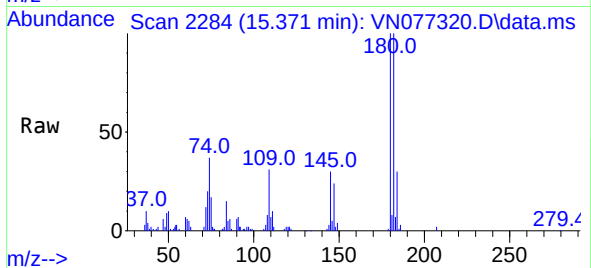




#93
1,2,4-Trichlorobenzene
Concen: 15.722 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

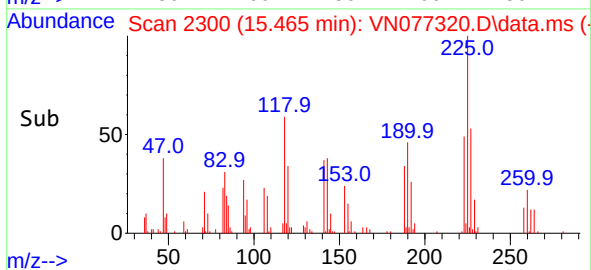
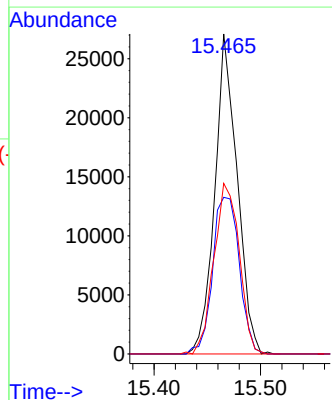
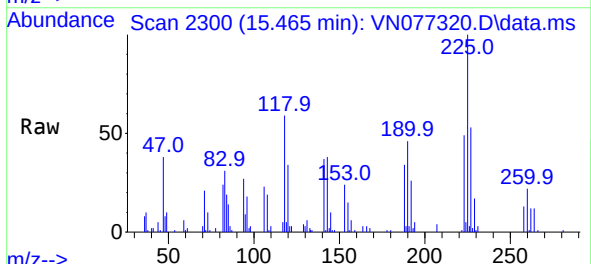
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

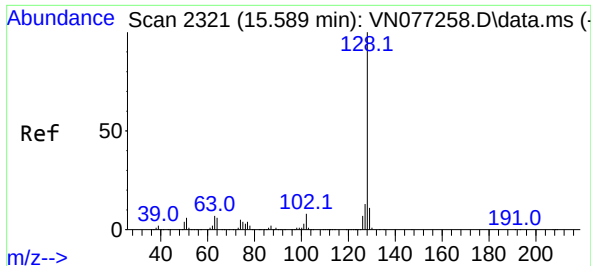
Tgt Ion:180 Resp: 61225
Ion Ratio Lower Upper
180 100
182 95.8 46.7 140.0
145 32.1 16.6 49.8



#94
Hexachlorobutadiene
Concen: 17.495 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion:225 Resp: 39437
Ion Ratio Lower Upper
225 100
223 58.6 31.7 95.1
227 60.6 31.2 93.6

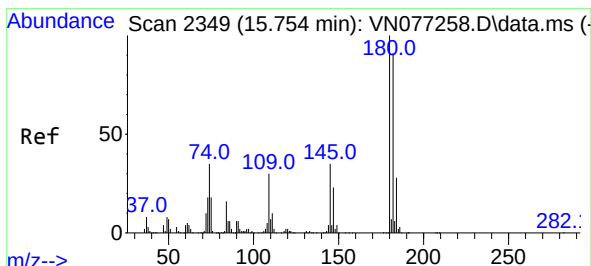
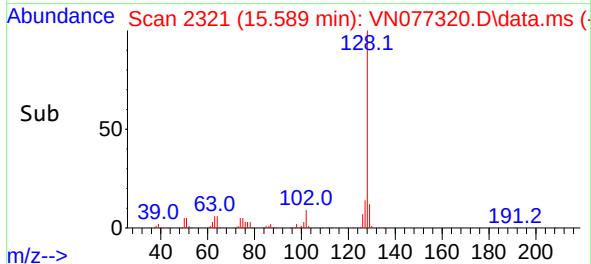
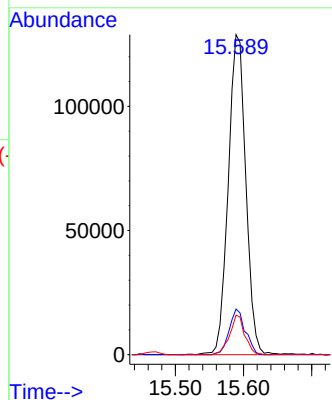
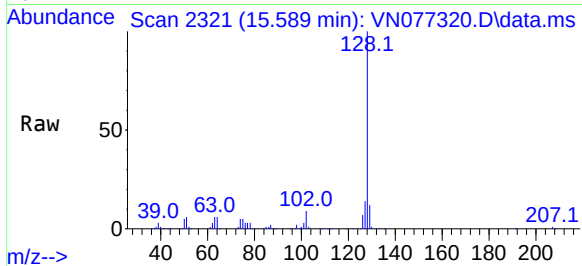




#95
Naphthalene
Concen: 15.771 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBSD01

Tgt Ion:	128	Resp:	230722
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.7	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 15.100 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077320.D
Acq: 13 Apr 2023 11:46

Tgt Ion:	180	Resp:	56248
Ion	Ratio	Lower	Upper
180	100		
182	98.5	46.9	140.8
145	36.6	17.6	52.8

