

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074027.D
 Acq On : 19 Aug 2022 15:24
 Operator : JC\MD
 Sample : VN0819WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS02

Quant Time: Aug 20 03:03:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	493283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	760114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	683833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	325161	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	293189	61.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.040%	
35) Dibromofluoromethane	7.951	113	257832	57.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.720%	
50) Toluene-d8	10.380	98	967940	55.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.200%	
62) 4-Bromofluorobenzene	12.669	95	315968	54.685	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	87197	22.293	ug/l	97
3) Chloromethane	2.269	50	106340	24.449	ug/l	97
4) Vinyl Chloride	2.404	62	121860	21.824	ug/l	97
5) Bromomethane	2.804	94	63120	18.102	ug/l	98
6) Chloroethane	2.963	64	77230	19.578	ug/l	97
7) Trichlorofluoromethane	3.316	101	173293	24.059	ug/l	97
8) Diethyl Ether	3.763	74	59376	22.206	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.140	101	89508	21.391	ug/l	95
10) Methyl Iodide	4.351	142	83245	16.571	ug/l	98
11) Tert butyl alcohol	5.293	59	132685	123.462	ug/l	100
12) 1,1-Dichloroethene	4.110	96	84316	21.657	ug/l	92
13) Acrolein	3.975	56	86072	114.420	ug/l	100
14) Allyl chloride	4.757	41	133508	23.155	ug/l	96
15) Acrylonitrile	5.475	53	338002	128.821	ug/l	99
16) Acetone	4.222	43	293105	129.307	ug/l	98
17) Carbon Disulfide	4.457	76	186635	20.162	ug/l	97
18) Methyl Acetate	4.781	43	165213	28.046	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	319268	22.770	ug/l	98
20) Methylene Chloride	5.010	84	106743	22.316	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	91102	21.240	ug/l	95
22) Diisopropyl ether	6.410	45	302214	24.721	ug/l	97
23) Vinyl Acetate	6.351	43	1263042	120.563	ug/l	100
24) 1,1-Dichloroethane	6.304	63	175892	23.115	ug/l	99
25) 2-Butanone	7.263	43	471209	131.105	ug/l	99
26) 2,2-Dichloropropane	7.251	77	136987	19.161	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	113117	21.375	ug/l	97
28) Bromochloromethane	7.586	49	64279	22.903	ug/l	95
29) Tetrahydrofuran	7.610	42	306992	133.153	ug/l	99
30) Chloroform	7.745	83	192285	22.598	ug/l	99
31) Cyclohexane	8.022	56	148423	22.160	ug/l	96
32) 1,1,1-Trichloroethane	7.945	97	163553	21.675	ug/l	98
36) 1,1-Dichloropropene	8.151	75	126001	20.180	ug/l	98
37) Ethyl Acetate	7.339	43	171362	22.654	ug/l	99
38) Carbon Tetrachloride	8.134	117	141540	19.833	ug/l	97
39) Methylcyclohexane	9.398	83	150956	19.295	ug/l	96
40) Benzene	8.392	78	417218	21.172	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	78581	22.988	ug/l	99
42) 1,2-Dichloroethane	8.463	62	144294	21.295	ug/l	99
43) Isopropyl Acetate	8.498	43	243590	22.605	ug/l	99
44) Trichloroethene	9.151	130	112566	19.777	ug/l	98
45) 1,2-Dichloropropane	9.428	63	106106	22.464	ug/l	97
46) Dibromomethane	9.510	93	77222	21.504	ug/l	96
47) Bromodichloromethane	9.698	83	143647	20.929	ug/l	98
48) Methyl methacrylate	9.498	41	107688	23.355	ug/l	92
49) 1,4-Dioxane	9.510	88	62602	456.560	ug/l	94
51) 4-Methyl-2-Pentanone	10.275	43	884009	121.337	ug/l	100
52) Toluene	10.445	92	260891	19.307	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	146119	20.288	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	161260	20.463	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	114062	21.700	ug/l	99
56) Ethyl methacrylate	10.704	69	172317	22.985	ug/l	96
57) 1,3-Dichloropropane	10.986	76	188446	22.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	403913	115.438	ug/l	99
59) 2-Hexanone	11.027	43	684563	122.090	ug/l	100
60) Dibromochloromethane	11.180	129	119941	20.634	ug/l	100
61) 1,2-Dibromoethane	11.286	107	117089	20.826	ug/l	100
64) Tetrachloroethene	10.916	164	103815	19.234	ug/l	97
65) Chlorobenzene	11.710	112	290327	19.977	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	112017	20.354	ug/l	99
67) Ethyl Benzene	11.786	91	481881	19.938	ug/l	98
68) m/p-Xylenes	11.892	106	387509	39.460	ug/l	98
69) o-Xylene	12.221	106	191091	19.405	ug/l	100
70) Styrene	12.233	104	311601	20.211	ug/l	98
71) Bromoform	12.398	173	94357	19.204	ug/l	99
73) Isopropylbenzene	12.521	105	491174	20.745	ug/l	99
74) N-amyl acetate	12.327	43	195117	21.799	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	177397	22.327	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	224177	33.170	ug/l #	1
77) Bromobenzene	12.798	156	128773	20.093	ug/l	96
78) n-propylbenzene	12.863	91	536693	21.265	ug/l	99
79) 2-Chlorotoluene	12.945	91	340862	21.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	410943	21.338	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	48368	20.355	ug/l	97
82) 4-Chlorotoluene	13.045	91	318951	21.351	ug/l	97
83) tert-Butylbenzene	13.263	119	363676	20.521	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	412418	21.444	ug/l	99
85) sec-Butylbenzene	13.439	105	493793	21.495	ug/l	98
86) p-Isopropyltoluene	13.557	119	414466	21.178	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	223184	20.081	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	221714	19.684	ug/l	98
89) n-Butylbenzene	13.880	91	309358	19.957	ug/l	99
90) Hexachloroethane	14.151	117	75013	20.969	ug/l	92
91) 1,2-Dichlorobenzene	13.927	146	236476	20.604	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	40742	21.717	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	135385	19.381	ug/l	98
94) Hexachlorobutadiene	15.304	225	71003	19.283	ug/l	98
95) Naphthalene	15.433	128	468875	20.589	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	144896	20.068	ug/l	99

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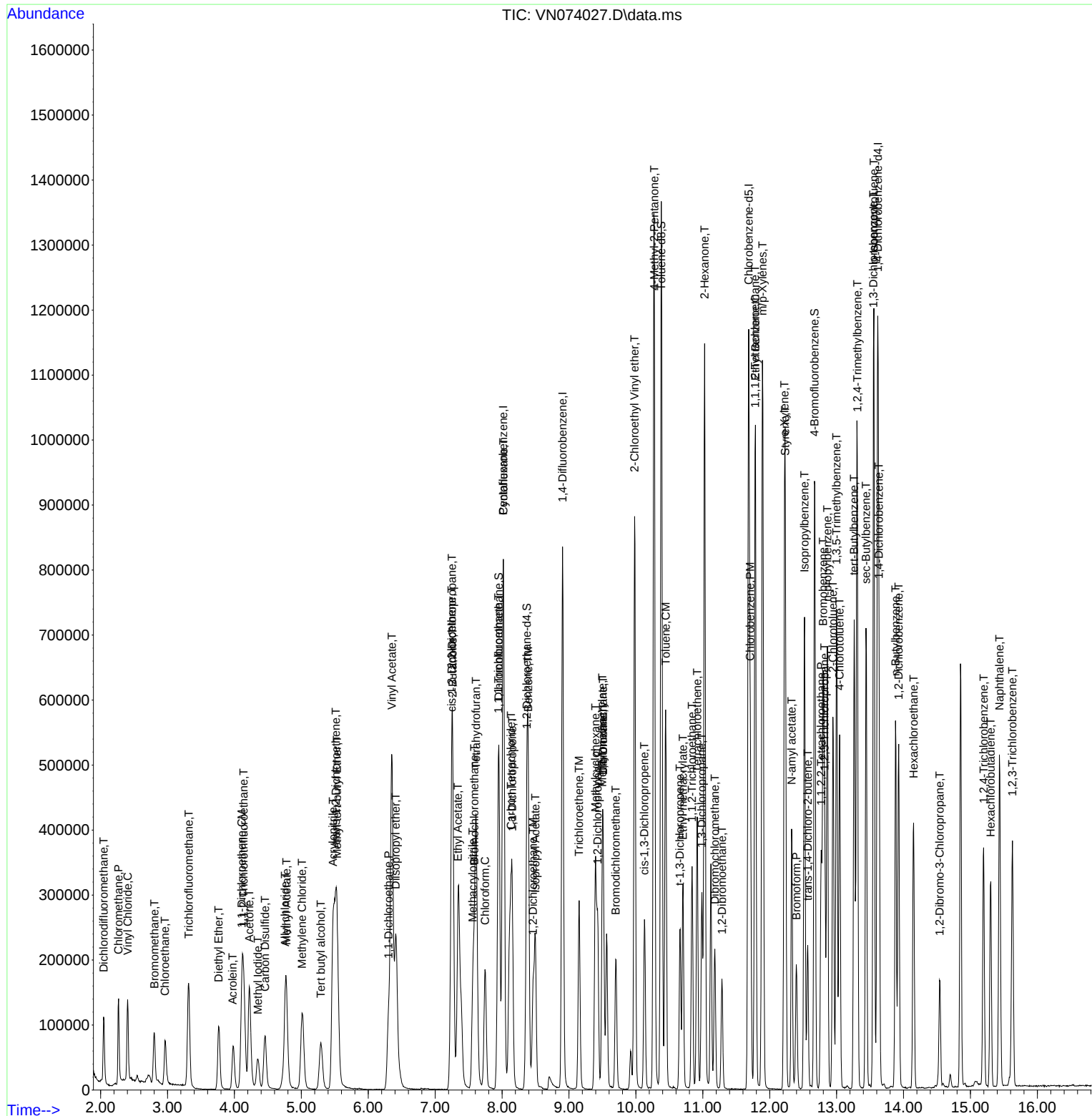
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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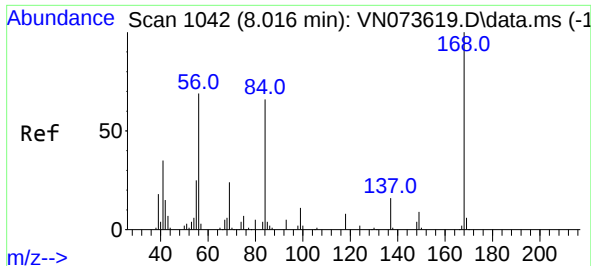
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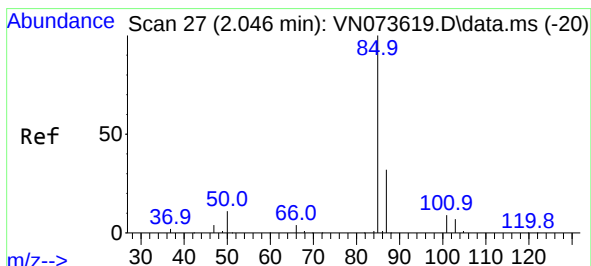
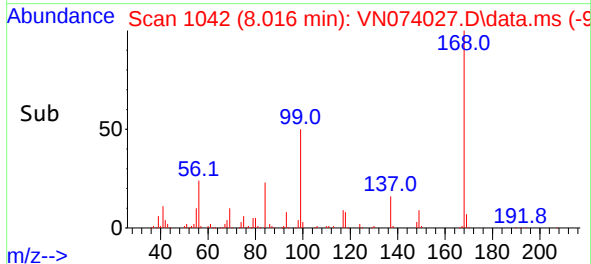
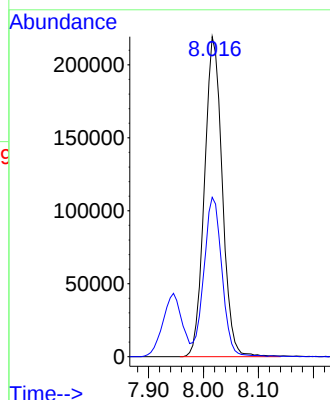
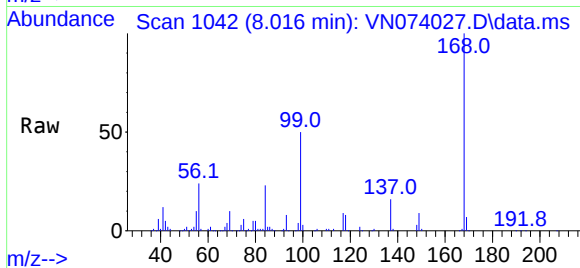




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074027.D
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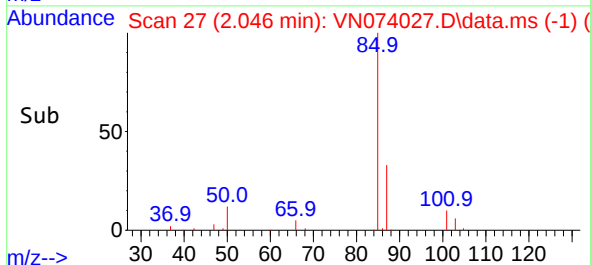
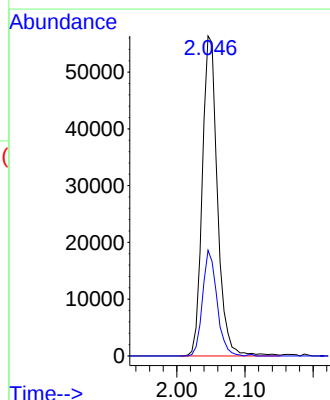
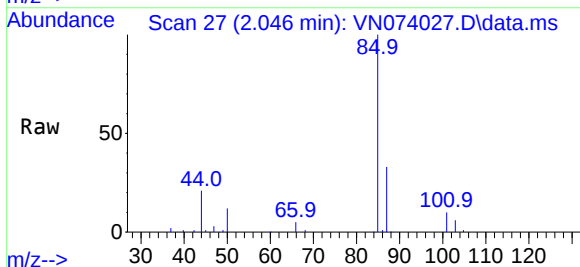
Instrument :
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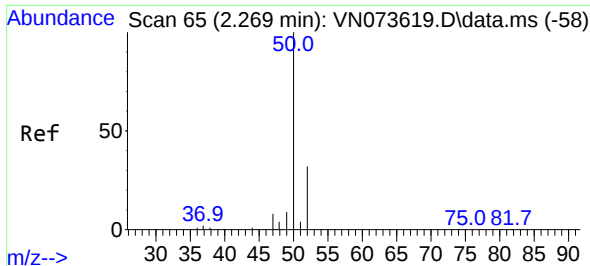
Tgt Ion:168 Resp: 493283
Ion Ratio Lower Upper
168 100
99 49.7 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 22.293 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 85 Resp: 87197
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.1

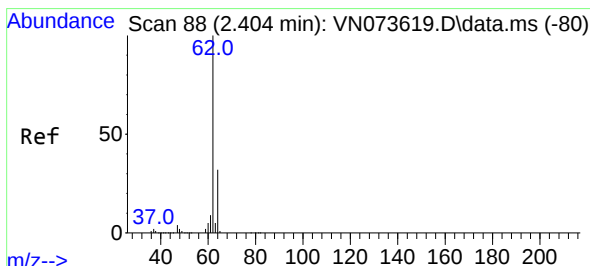
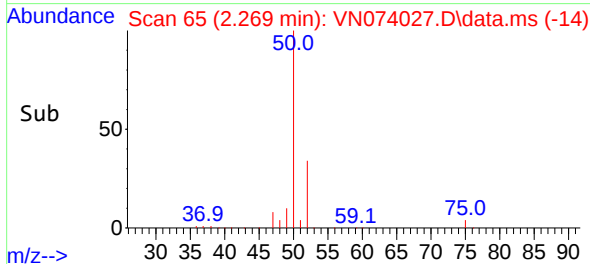
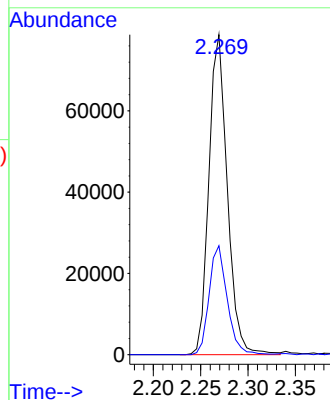
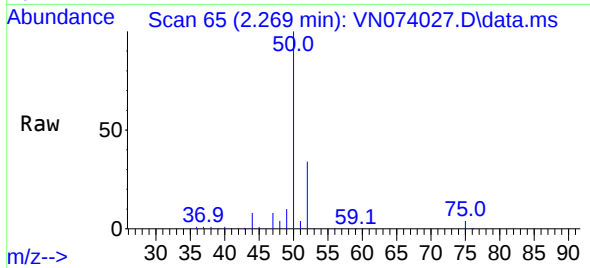




#3
Chloromethane
Concen: 24.449 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

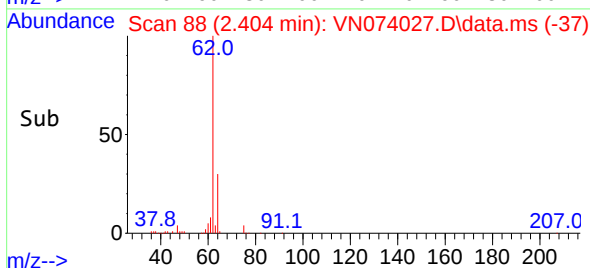
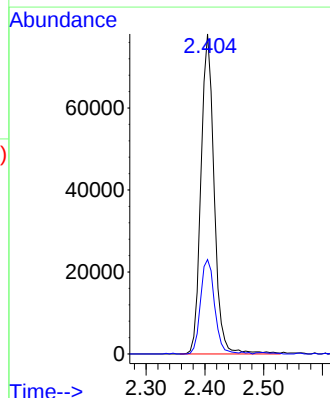
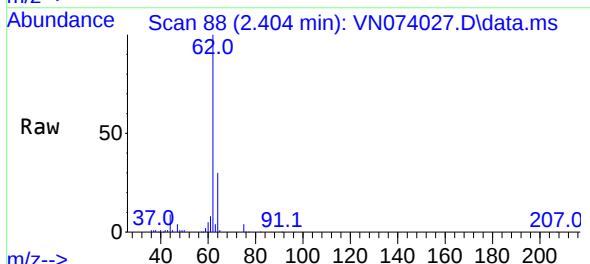
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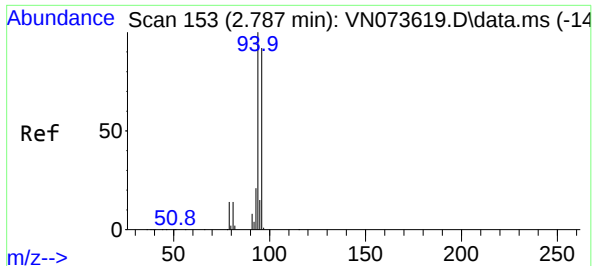
Tgt Ion: 50 Resp: 106340
Ion Ratio Lower Upper
50 100
52 34.0 25.7 38.5



#4
Vinyl Chloride
Concen: 21.824 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 62 Resp: 121860
Ion Ratio Lower Upper
62 100
64 29.5 25.0 37.4

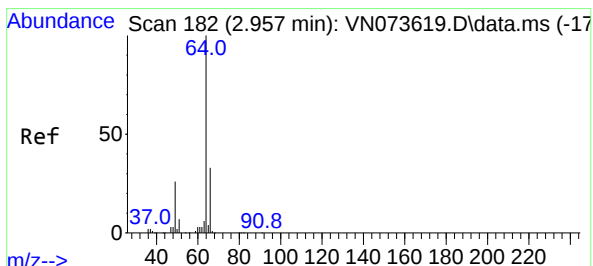
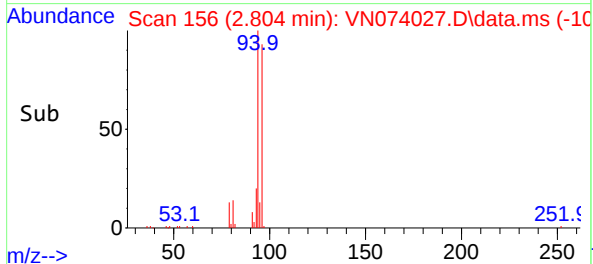
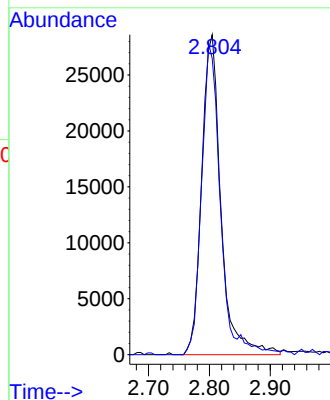
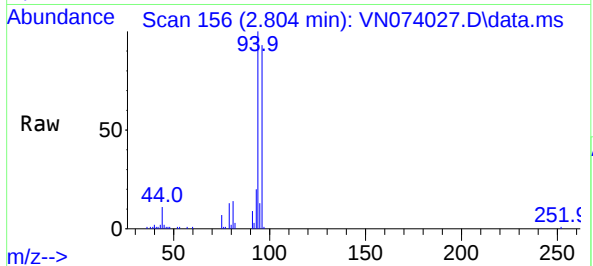




#5
Bromomethane
Concen: 18.102 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN074027.D
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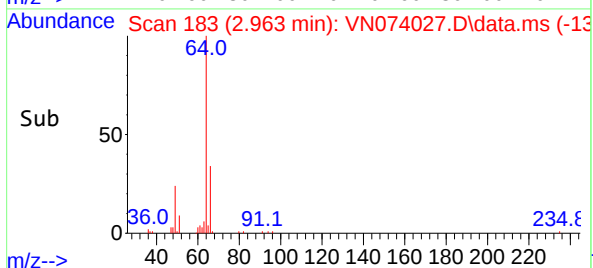
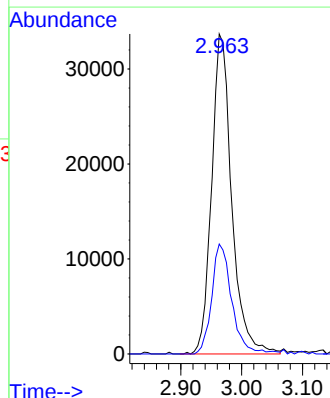
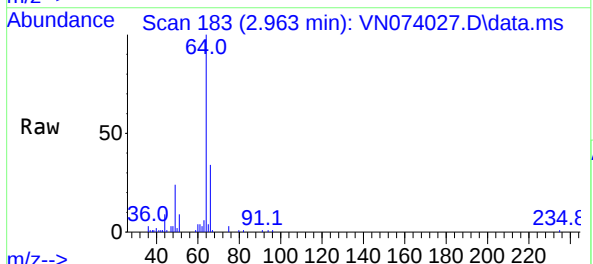
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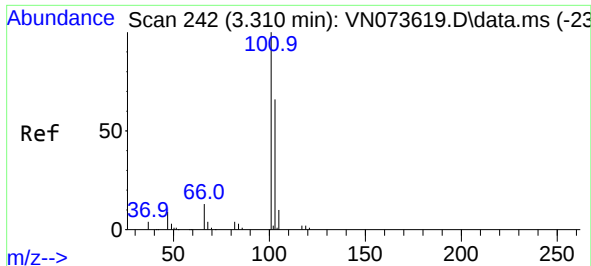
Tgt Ion: 94 Resp: 63120
Ion Ratio Lower Upper
94 100
96 92.6 76.0 114.0



#6
Chloroethane
Concen: 19.578 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN074027.D
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Tgt Ion: 64 Resp: 77230
Ion Ratio Lower Upper
64 100
66 34.3 26.2 39.4

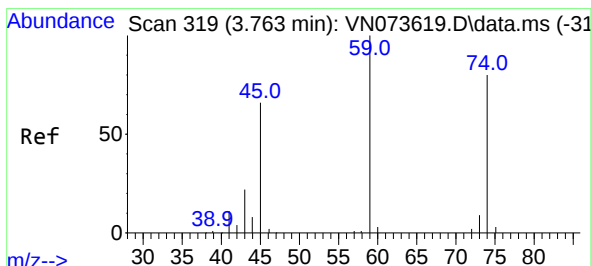
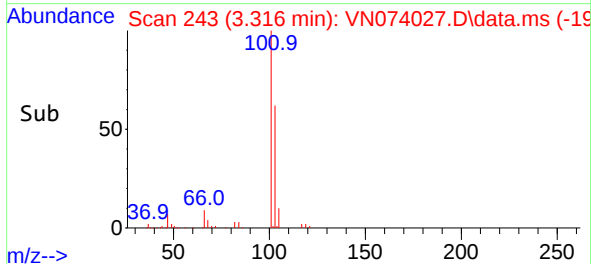
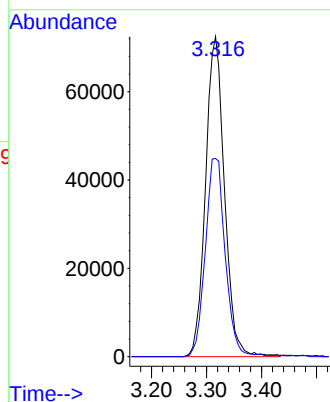
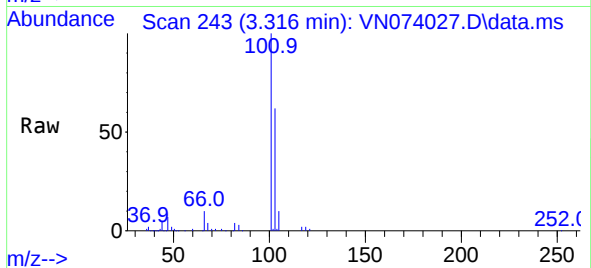




#7
 Trichlorofluoromethane
 Concen: 24.059 ug/l
 RT: 3.316 min Scan# 242
 Delta R.T. 0.006 min
 Lab File: VN074027.D
 Acq: 19 Aug 2022 15:24

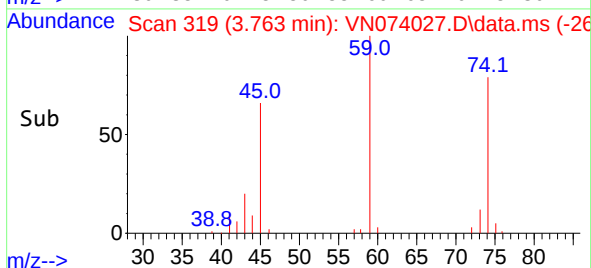
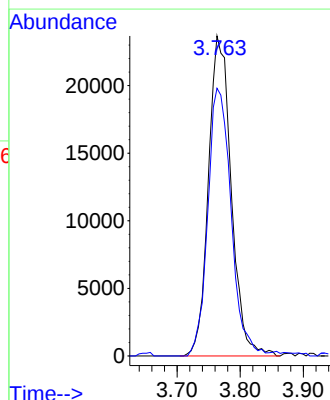
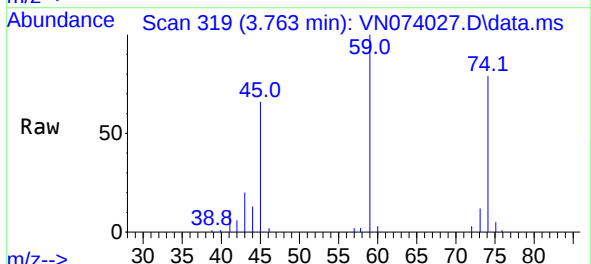
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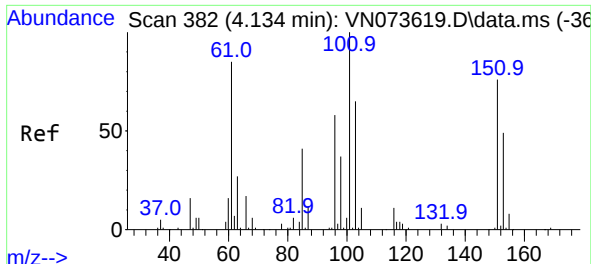
Tgt Ion:101 Resp: 173293
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.5 77.3



#8
 Diethyl Ether
 Concen: 22.206 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN074027.D
 Acq: 19 Aug 2022 15:24

Tgt Ion: 74 Resp: 59376
 Ion Ratio Lower Upper
 74 100
 45 85.8 42.9 128.5

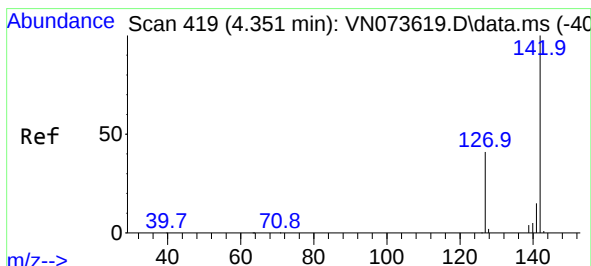
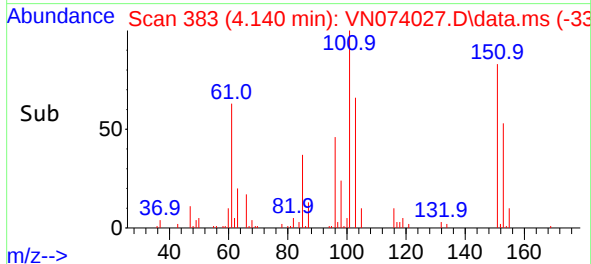
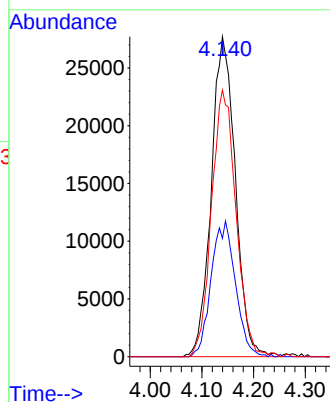
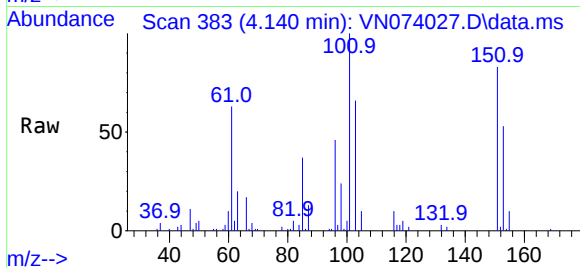




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.391 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

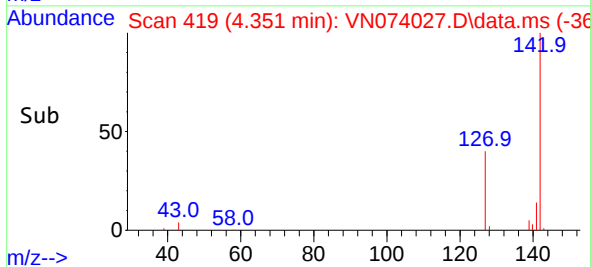
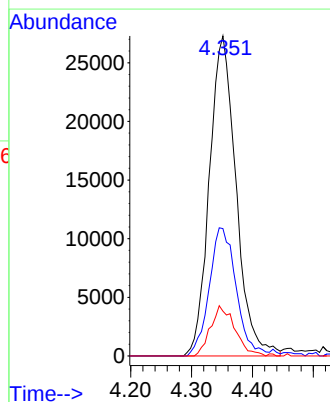
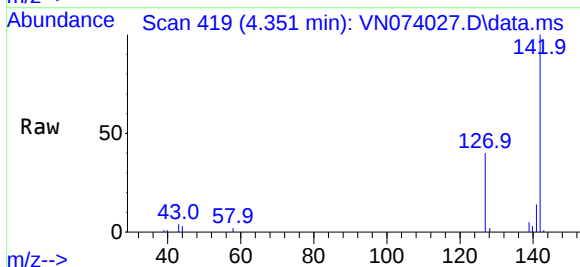
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

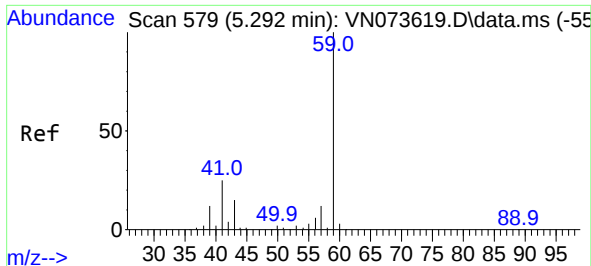
Tgt Ion:101 Resp: 89508
Ion Ratio Lower Upper
101 100
85 42.7 34.7 52.1
151 84.7 63.0 94.4



#10
Methyl Iodide
Concen: 16.571 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion:142 Resp: 83245
Ion Ratio Lower Upper
142 100
127 40.4 31.3 46.9
141 14.3 11.2 16.8

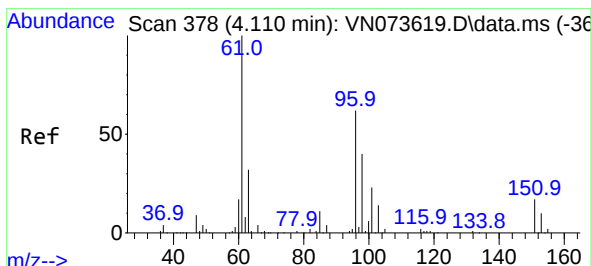
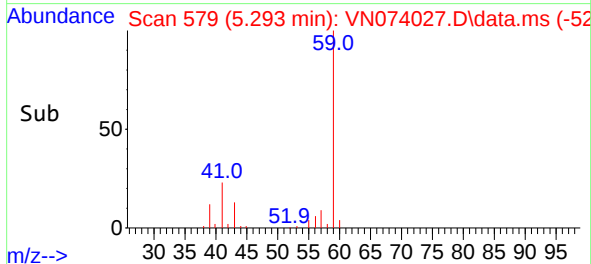
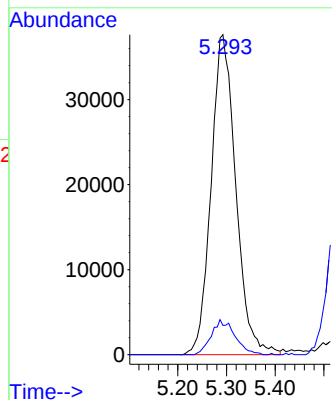
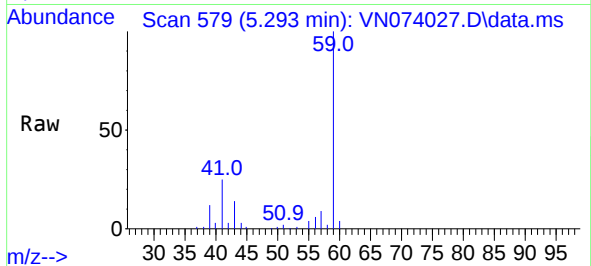




#11
Tert butyl alcohol
Concen: 123.462 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.001 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

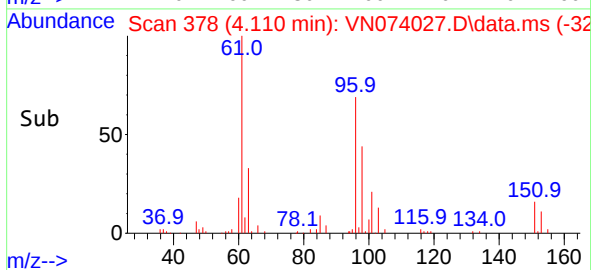
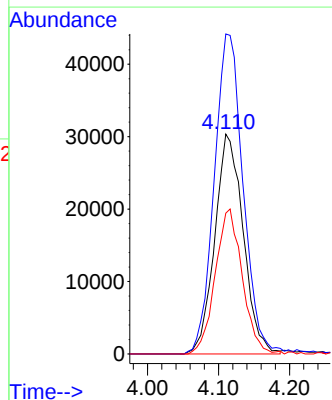
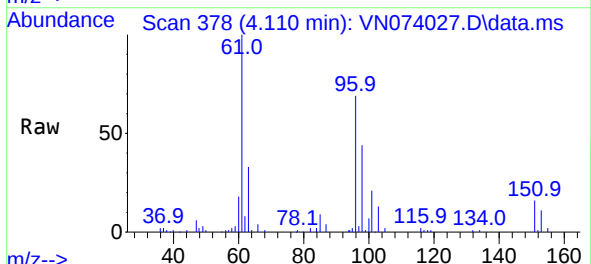
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

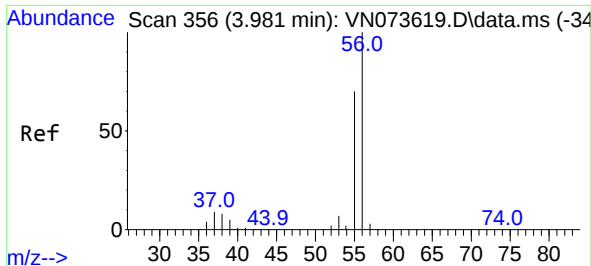
Tgt Ion: 59 Resp: 132685
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 21.657 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 96 Resp: 84316
Ion Ratio Lower Upper
96 100
61 145.5 127.6 191.4
98 64.1 51.2 76.8





#13

Acrolein

Concen: 114.420 ug/l

RT: 3.975 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

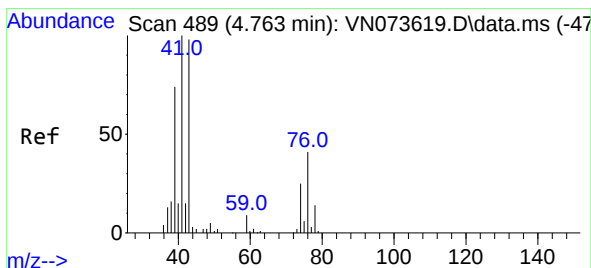
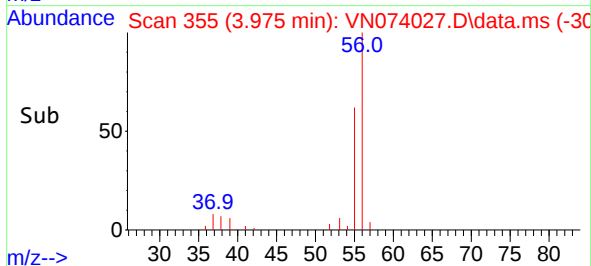
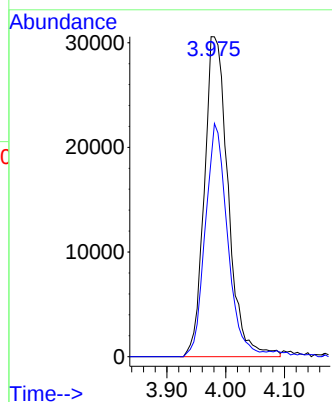
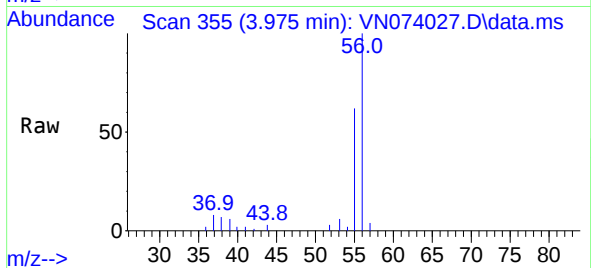
VN0819WBS02

Tgt Ion: 56 Resp: 86072

Ion Ratio Lower Upper

56 100

55 68.3 54.8 82.2



#14

Allyl chloride

Concen: 23.155 ug/l

RT: 4.757 min Scan# 488

Delta R.T. -0.006 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

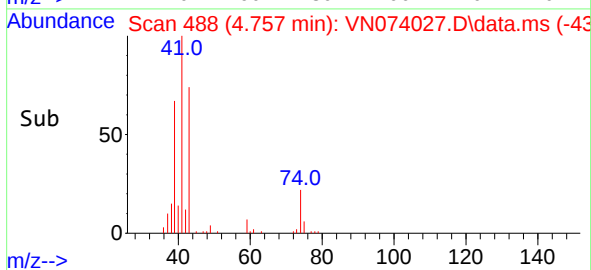
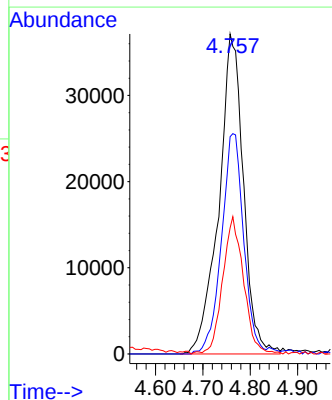
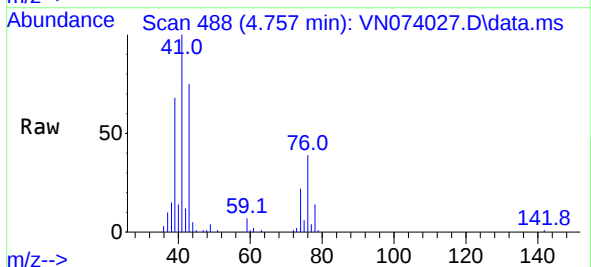
Tgt Ion: 41 Resp: 133508

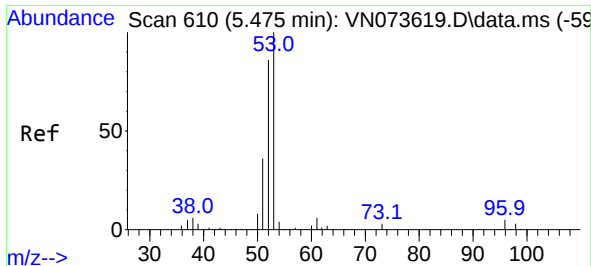
Ion Ratio Lower Upper

41 100

39 62.2 53.2 79.8

76 36.6 29.9 44.9

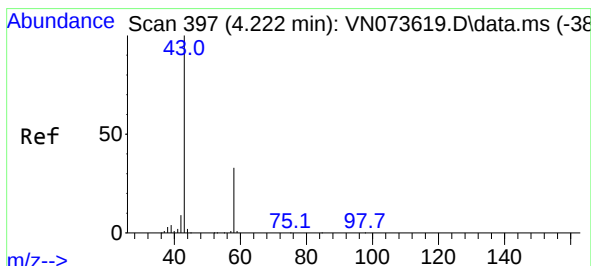
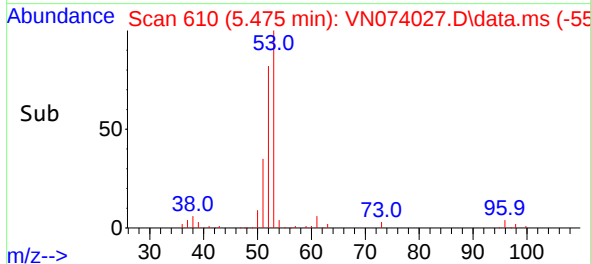
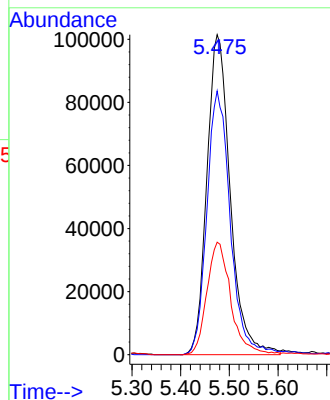
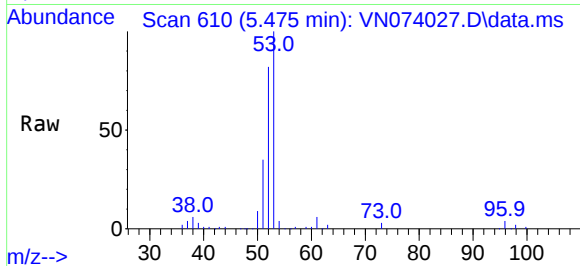




#15
Acrylonitrile
Concen: 128.821 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

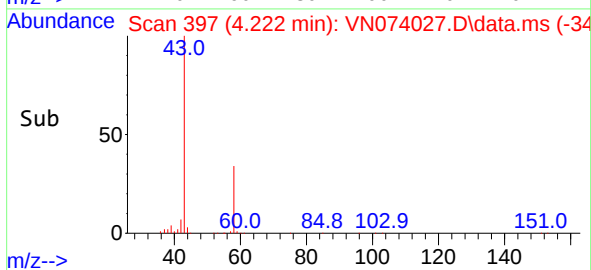
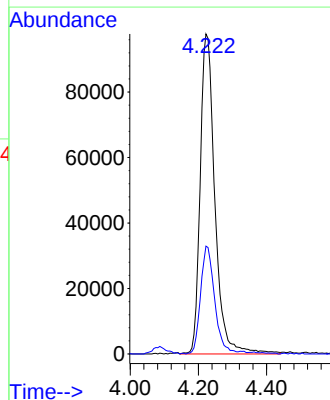
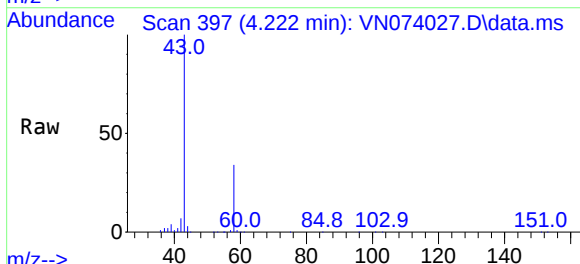
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

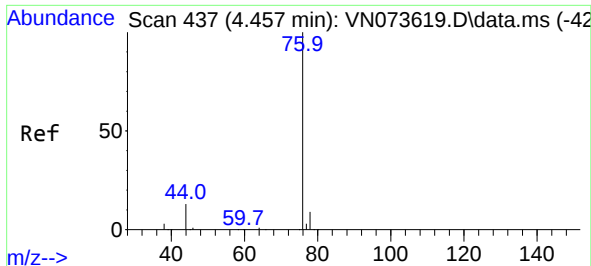
Tgt Ion: 53 Resp: 338002
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 36.5 28.5 42.7



#16
Acetone
Concen: 129.307 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 43 Resp: 293105
Ion Ratio Lower Upper
43 100
58 33.7 26.0 39.0





#17

Carbon Disulfide

Concen: 20.162 ug/l

RT: 4.457 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

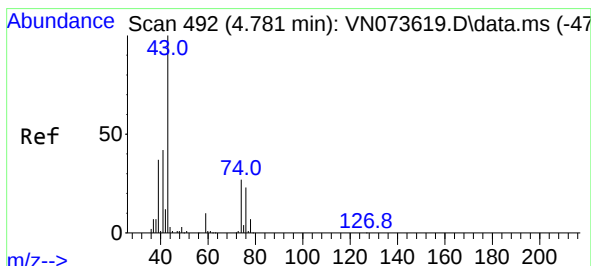
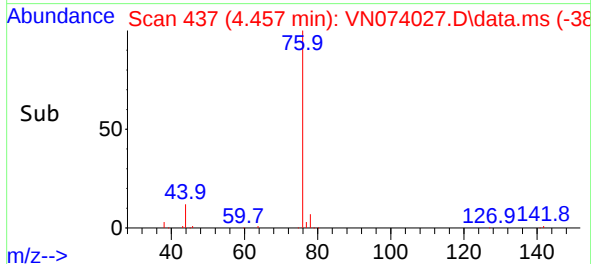
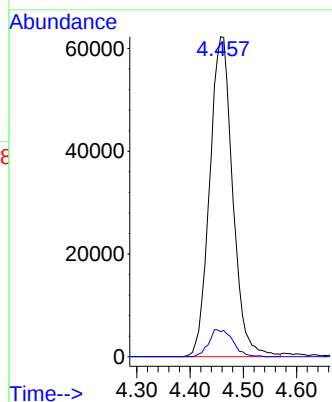
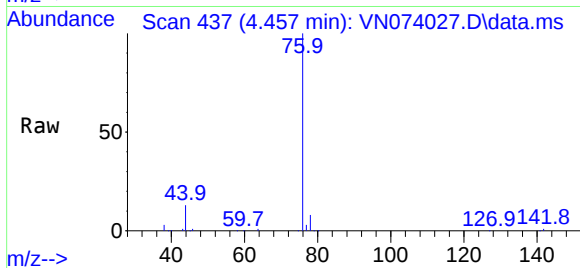
VN0819WBS02

Tgt Ion: 76 Resp: 186635

Ion Ratio Lower Upper

76 100

78 7.8 7.2 10.8



#18

Methyl Acetate

Concen: 28.046 ug/l

RT: 4.781 min Scan# 492

Delta R.T. -0.000 min

Lab File: VN074027.D

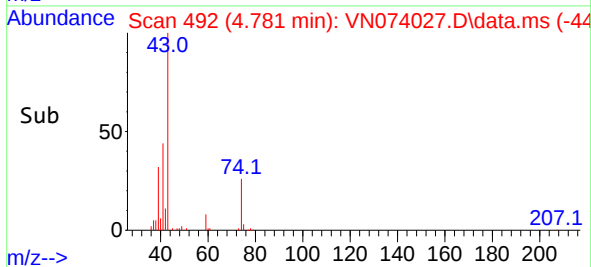
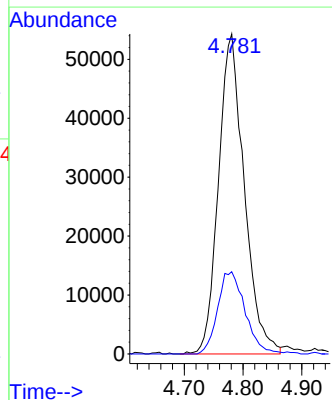
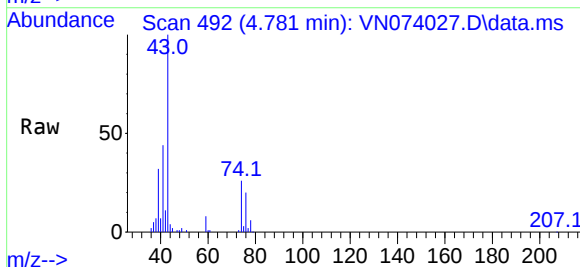
Acq: 19 Aug 2022 15:24

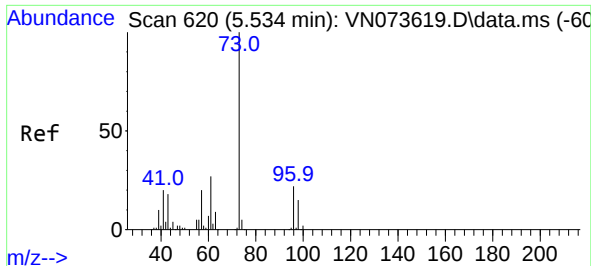
Tgt Ion: 43 Resp: 165213

Ion Ratio Lower Upper

43 100

74 27.3 21.6 32.4

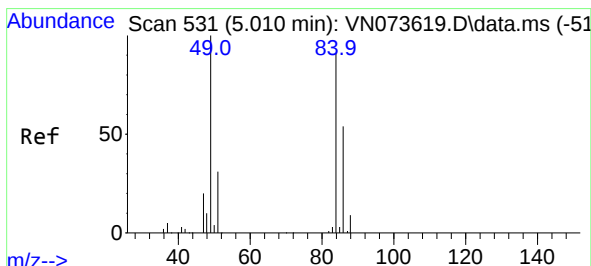
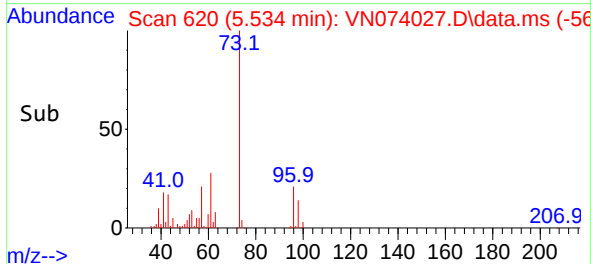
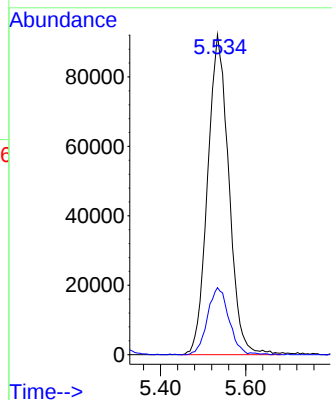
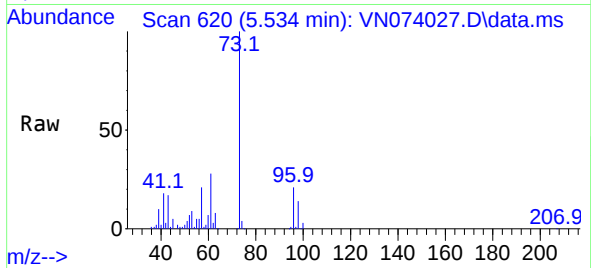




#19
Methyl tert-butyl Ether
Concen: 22.770 ug/l
RT: 5.534 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

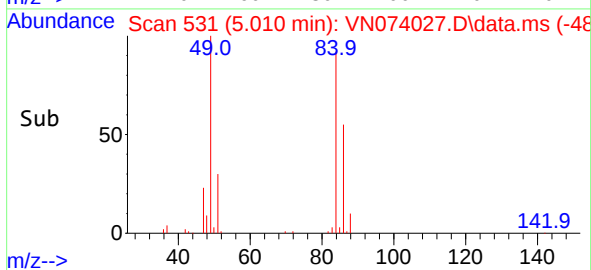
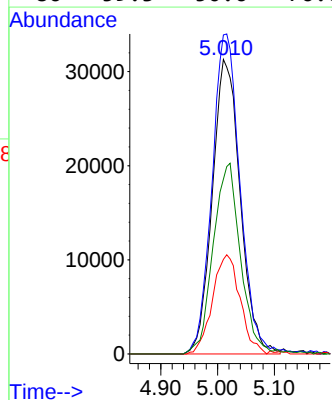
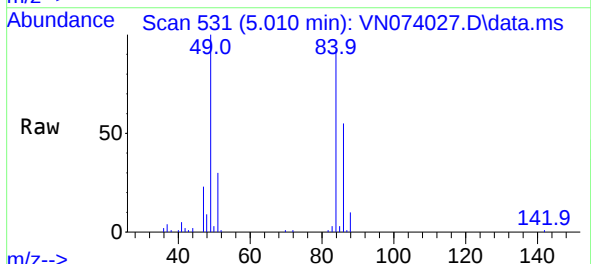
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

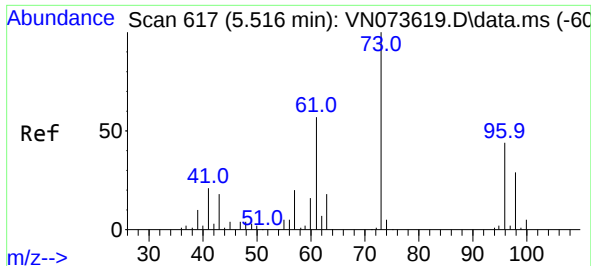
Tgt Ion: 73 Resp: 319268
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4



#20
Methylene Chloride
Concen: 22.316 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 84 Resp: 106743
Ion Ratio Lower Upper
84 100
49 108.3 88.3 132.5
51 32.1 28.2 42.2
86 59.3 50.6 76.0

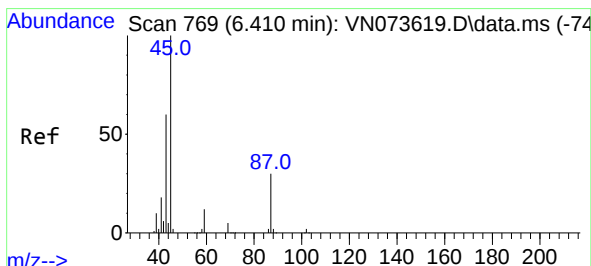
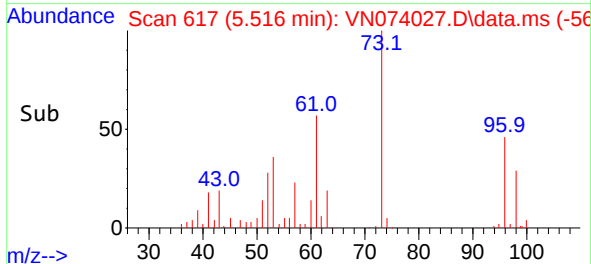
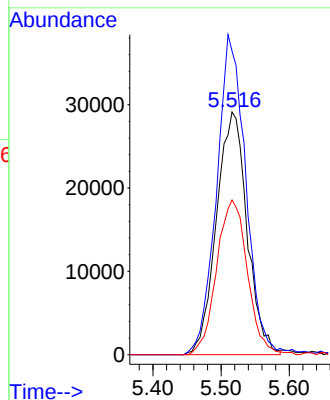
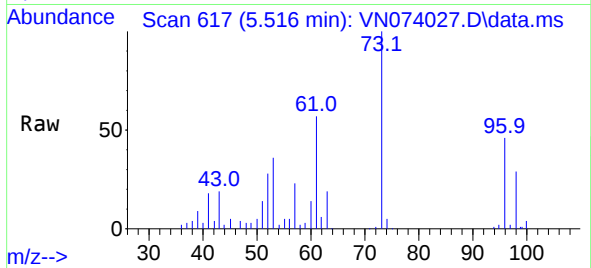




#21
trans-1,2-Dichloroethene
Concen: 21.240 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

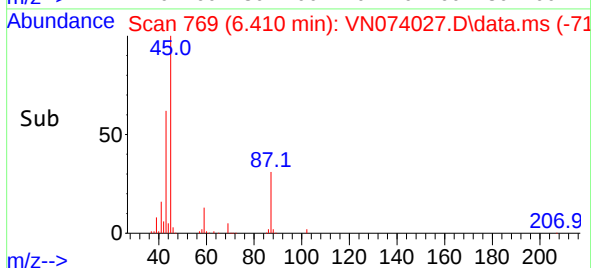
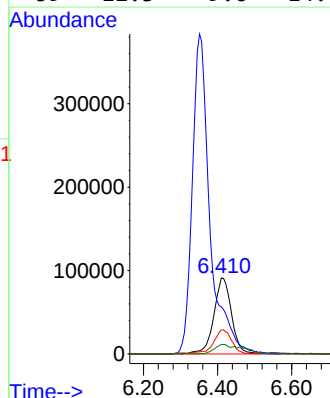
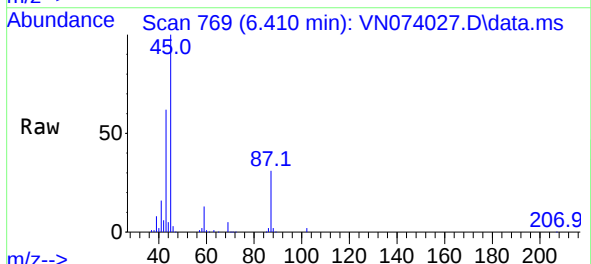
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

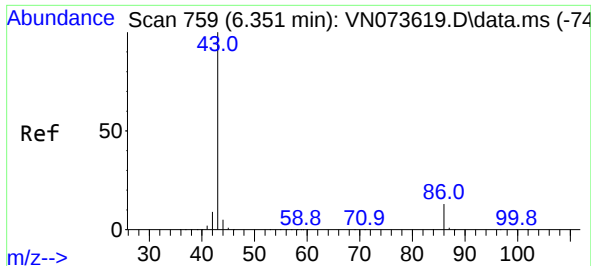
Tgt Ion: 96 Resp: 91102
Ion Ratio Lower Upper
96 100
61 125.1 105.8 158.8
98 63.8 50.3 75.5



#22
Diisopropyl ether
Concen: 24.721 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 45 Resp: 302214
Ion Ratio Lower Upper
45 100
43 60.9 46.6 70.0
87 31.5 24.3 36.5
59 12.3 9.6 14.4

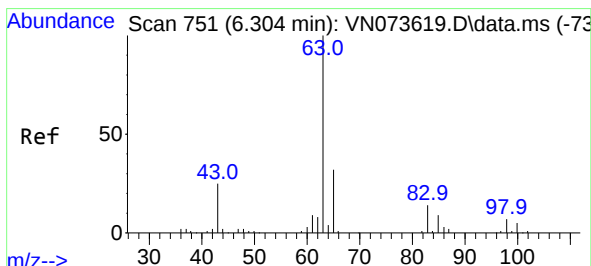
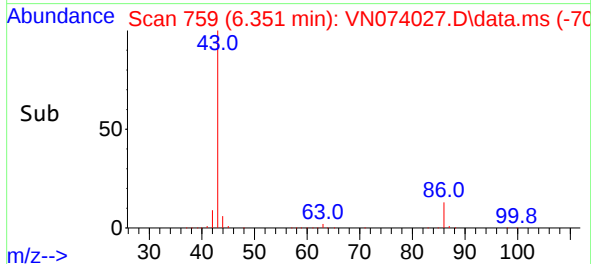
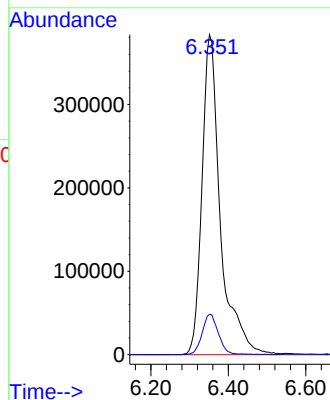
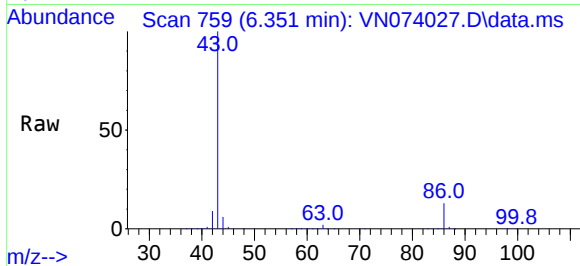




#23
 Vinyl Acetate
 Concen: 120.563 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN074027.D
 Acq: 19 Aug 2022 15:24

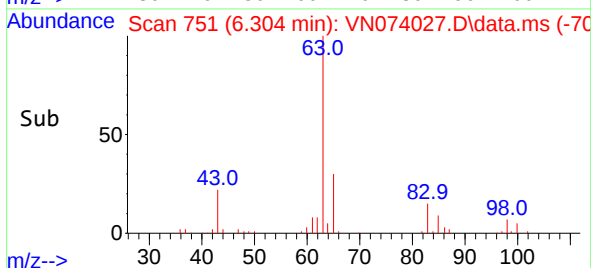
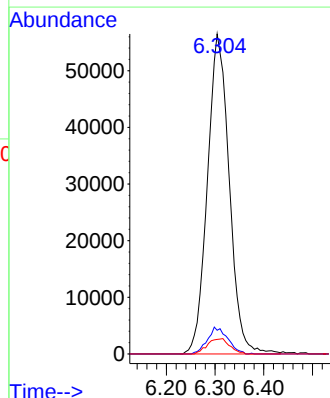
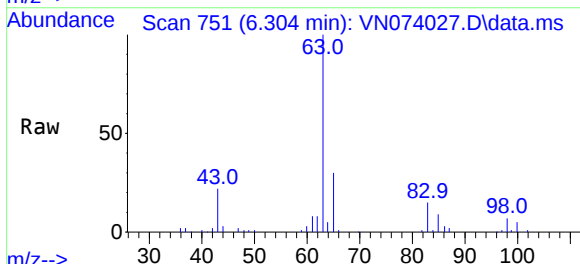
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS02

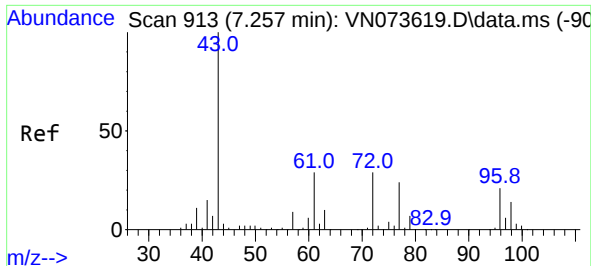
Tgt Ion: 43 Resp: 1263042
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 23.115 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074027.D
 Acq: 19 Aug 2022 15:24

Tgt Ion: 63 Resp: 175892
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 131.105 ug/l

RT: 7.263 min Scan# 913

Delta R.T. 0.006 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

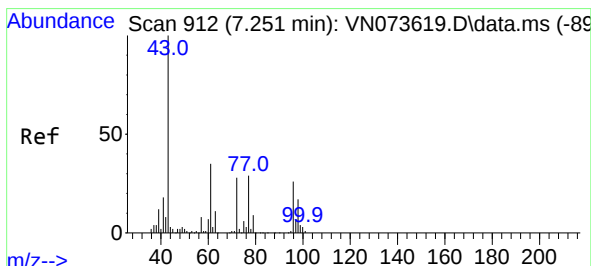
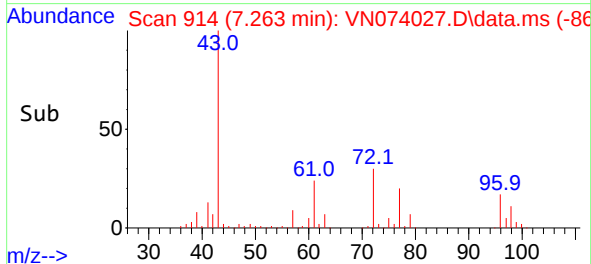
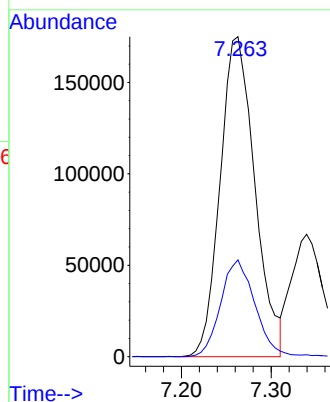
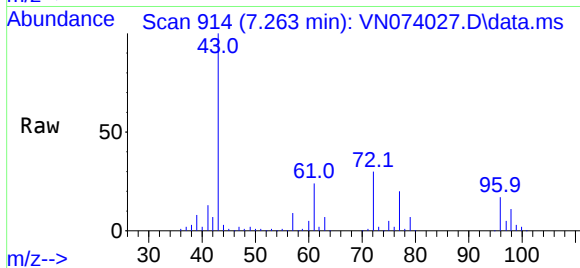
VN0819WBS02

Tgt Ion: 43 Resp: 471209

Ion Ratio Lower Upper

43 100

72 30.2 23.7 35.5



#26

2,2-Dichloropropane

Concen: 19.161 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.000 min

Lab File: VN074027.D

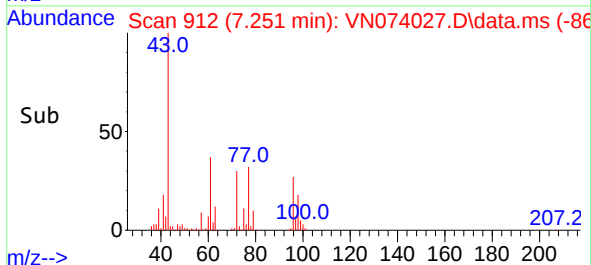
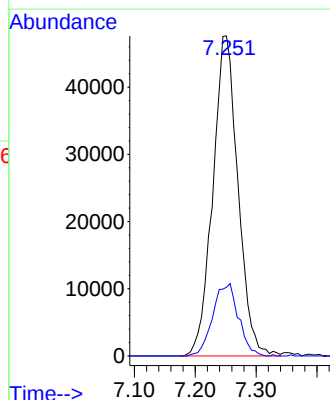
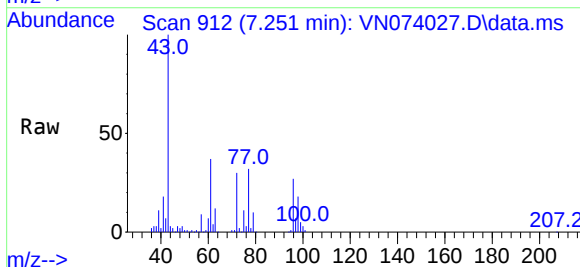
Acq: 19 Aug 2022 15:24

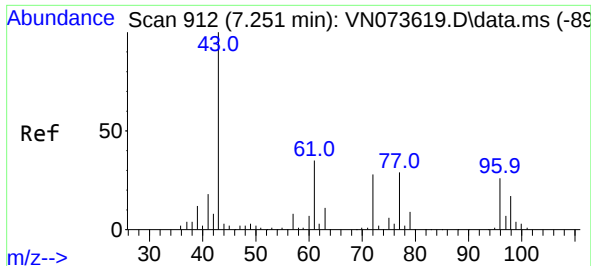
Tgt Ion: 77 Resp: 136987

Ion Ratio Lower Upper

77 100

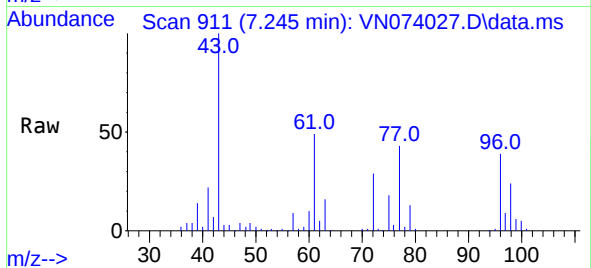
97 23.0 11.4 34.2



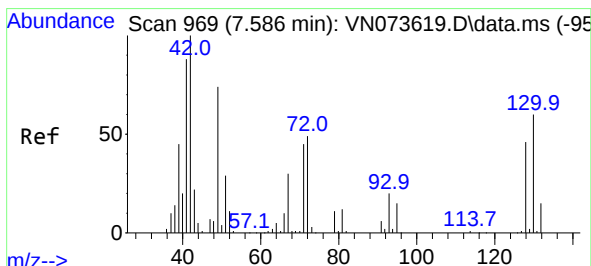
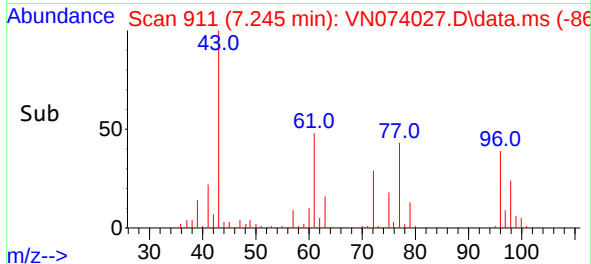
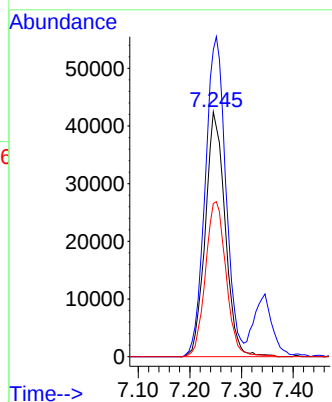


#27
cis-1,2-Dichloroethene
Concen: 21.375 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

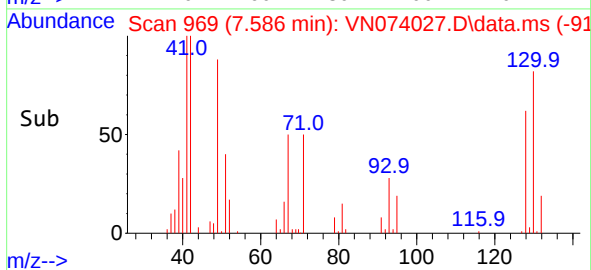
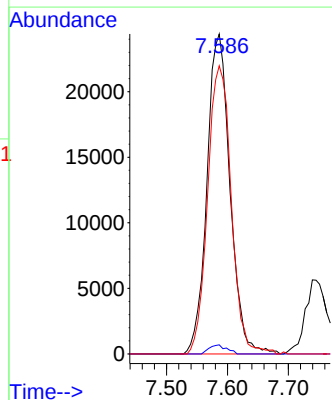
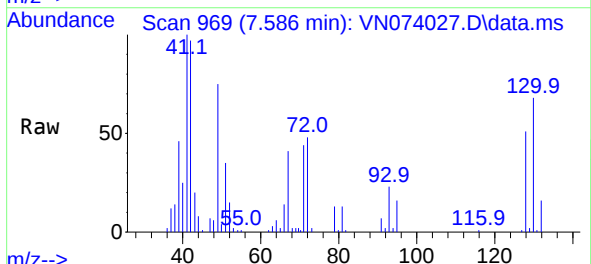


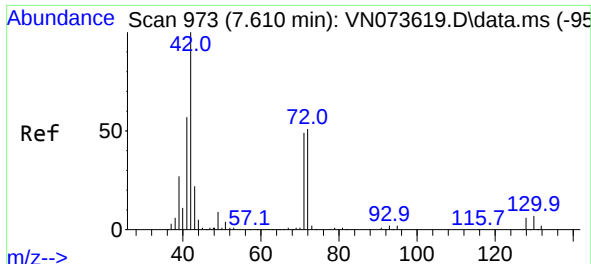
Tgt Ion: 96 Resp: 113117
Ion Ratio Lower Upper
96 100
61 135.4 0.0 280.6
98 66.1 0.0 128.4



#28
Bromochloromethane
Concen: 22.903 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 49 Resp: 64279
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 92.1 69.7 104.5

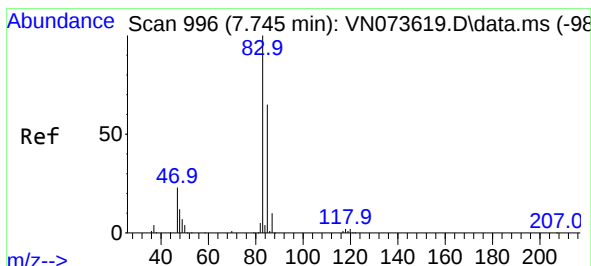
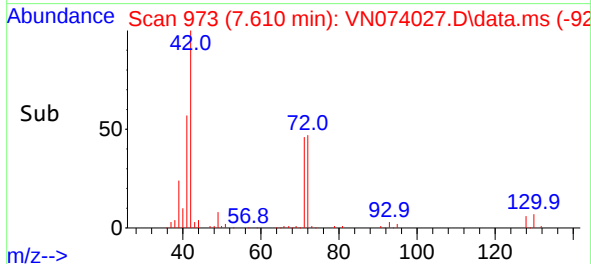
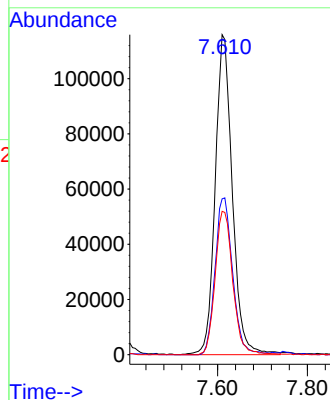
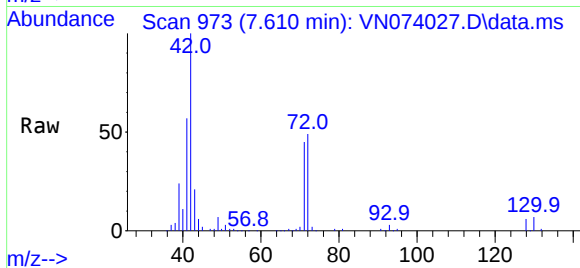




#29
Tetrahydrofuran
Concen: 133.153 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

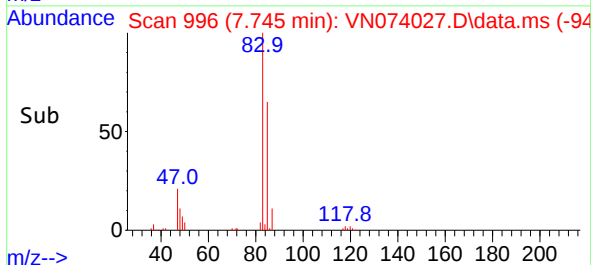
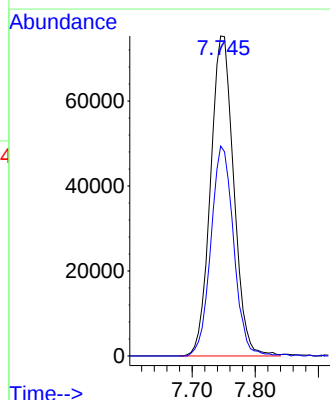
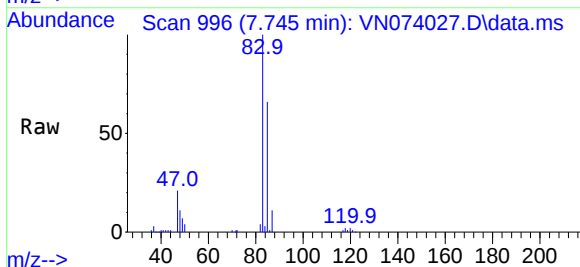
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

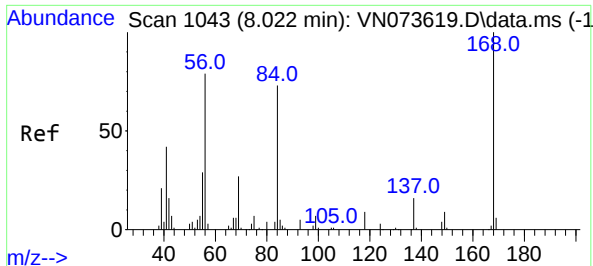
Tgt Ion: 42 Resp: 306992
Ion Ratio Lower Upper
42 100
72 50.1 39.7 59.5
71 46.3 36.6 55.0



#30
Chloroform
Concen: 22.598 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 83 Resp: 192285
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.8





#31

Cyclohexane

Concen: 22.160 ug/l

RT: 8.022 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS02

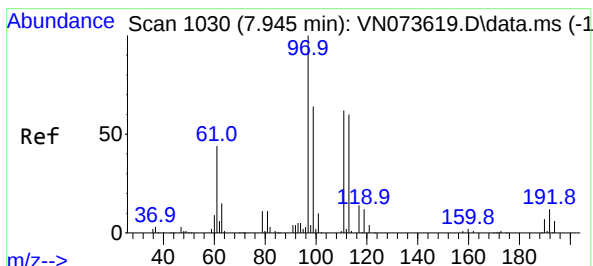
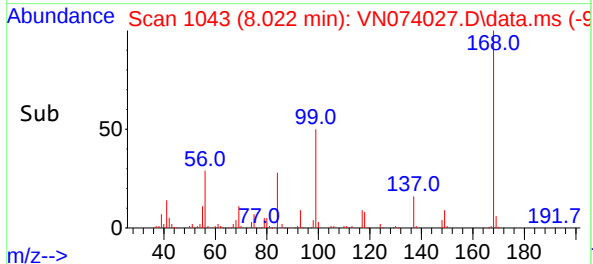
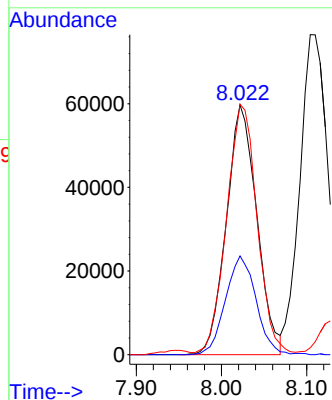
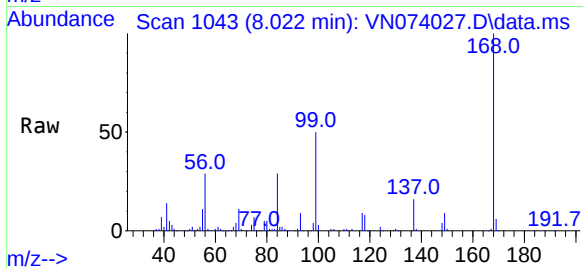
Tgt Ion: 56 Resp: 148423

Ion Ratio Lower Upper

56 100

69 39.5 27.8 41.8

84 98.5 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 21.675 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

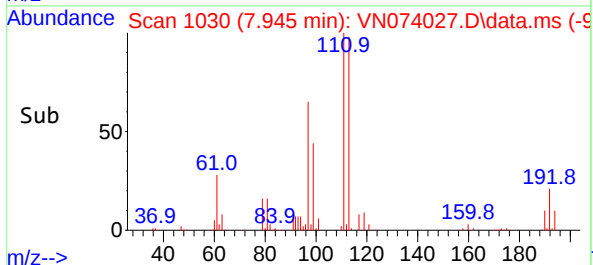
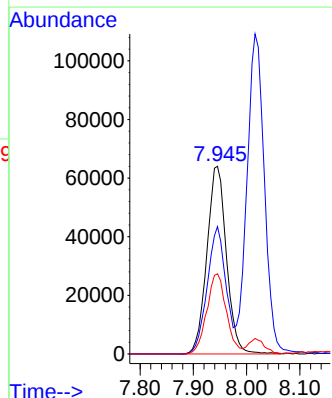
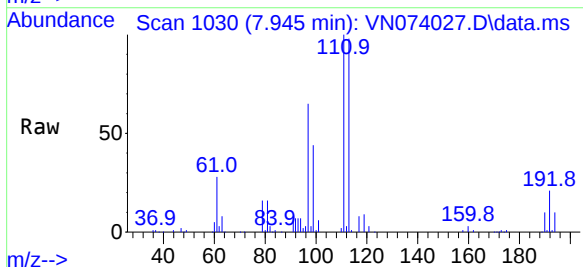
Tgt Ion: 97 Resp: 163553

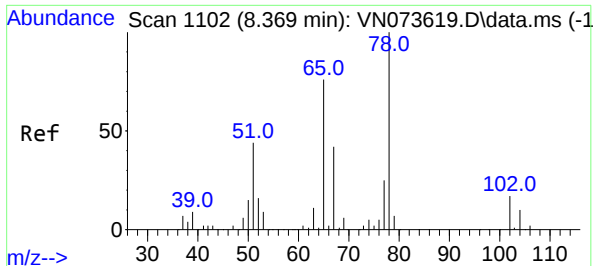
Ion Ratio Lower Upper

97 100

99 64.1 50.6 76.0

61 42.7 36.0 54.0

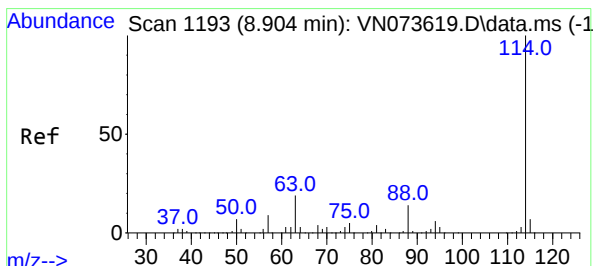
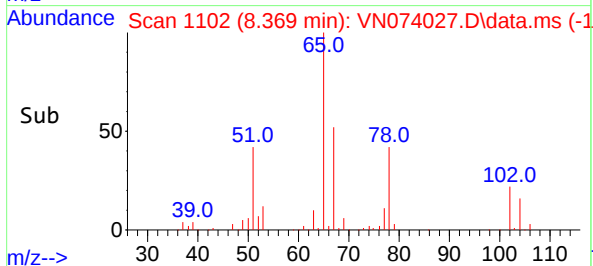
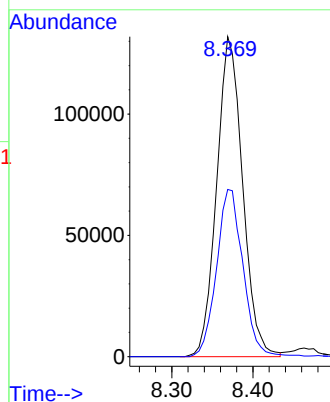
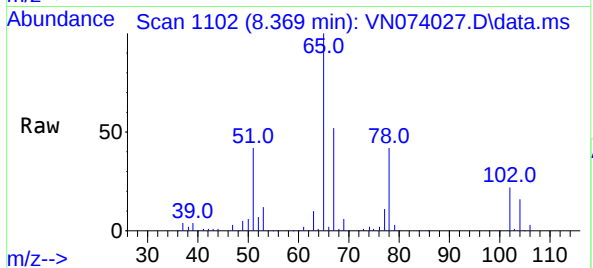




#33
1,2-Dichloroethane-d4
Concen: 61.023 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

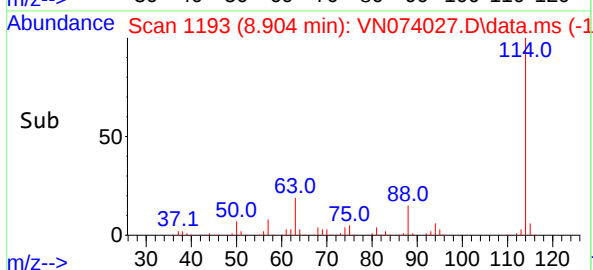
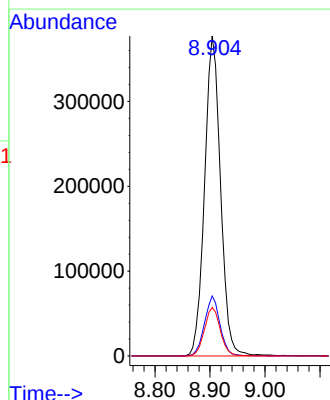
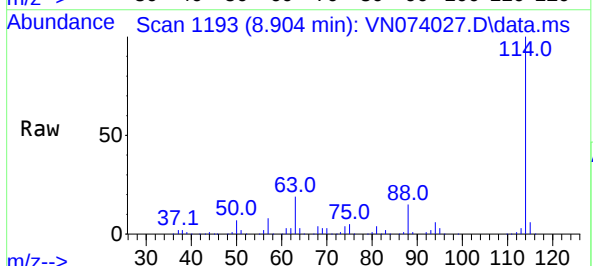
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

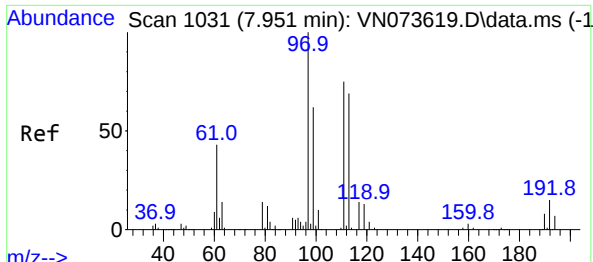
Tgt Ion: 65 Resp: 293189
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 114 Resp: 760114
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 15.2 0.0 32.6

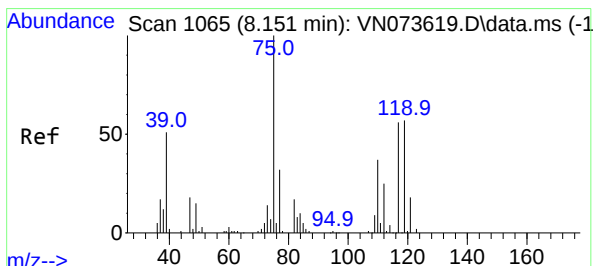
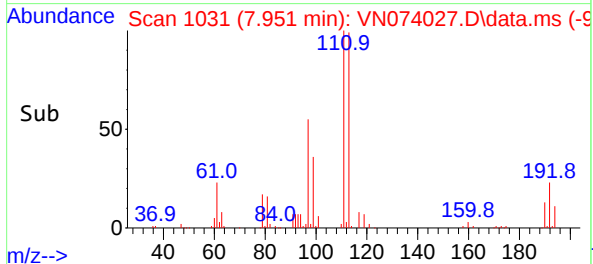
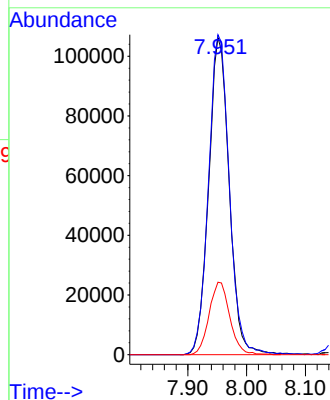
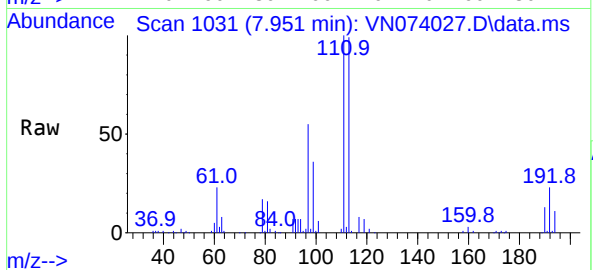




#35
Dibromofluoromethane
Concen: 57.357 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

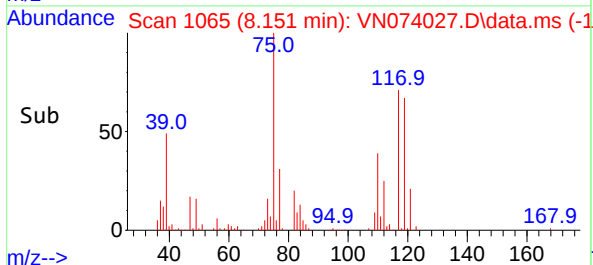
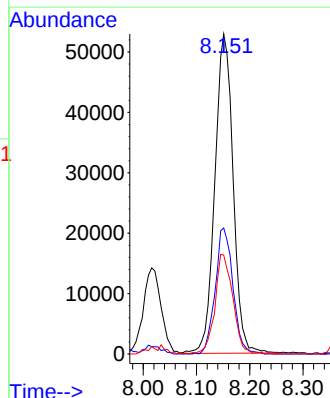
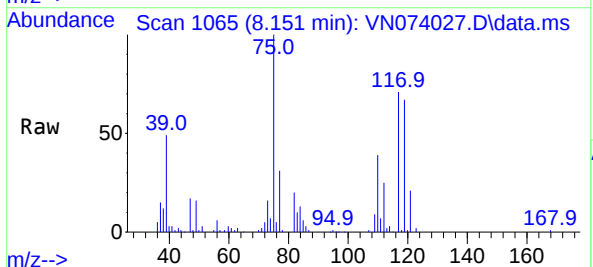
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

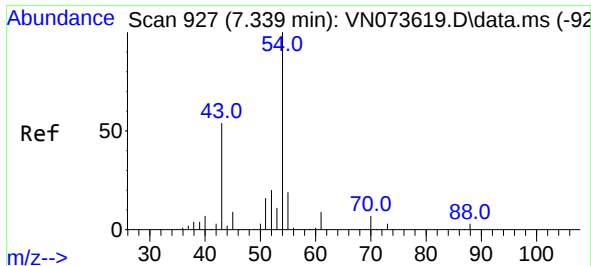
Tgt Ion:113 Resp: 257832
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 23.0 17.0 25.6



#36
1,1-Dichloropropene
Concen: 20.180 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 75 Resp: 126001
Ion Ratio Lower Upper
75 100
110 38.2 18.3 54.8
77 30.5 25.1 37.7

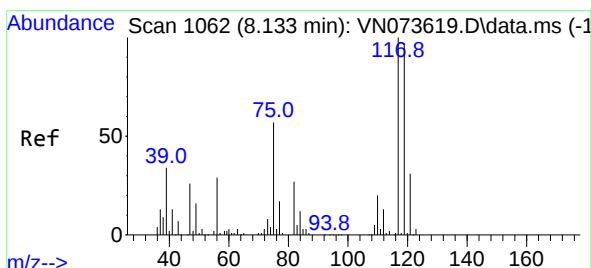
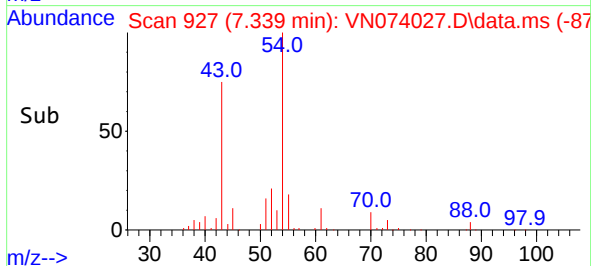
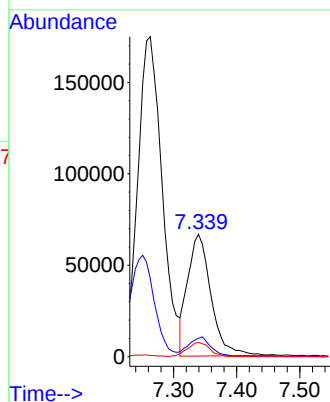
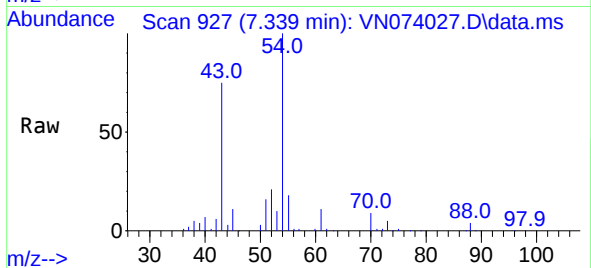




#37
Ethyl Acetate
Concen: 22.654 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

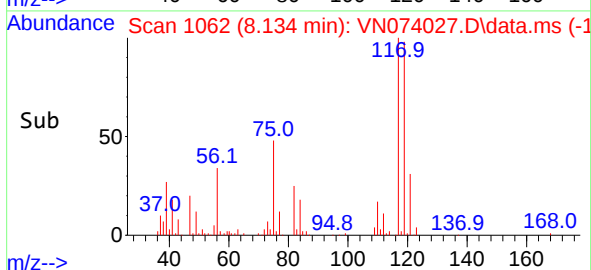
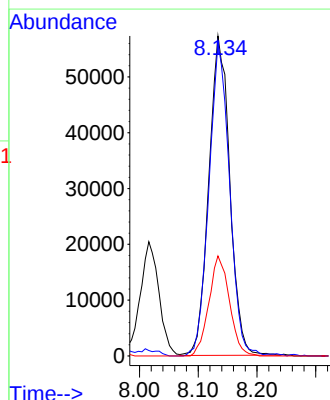
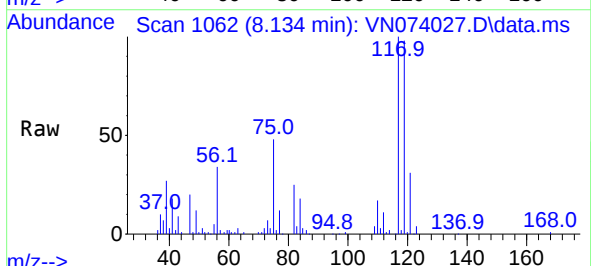
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

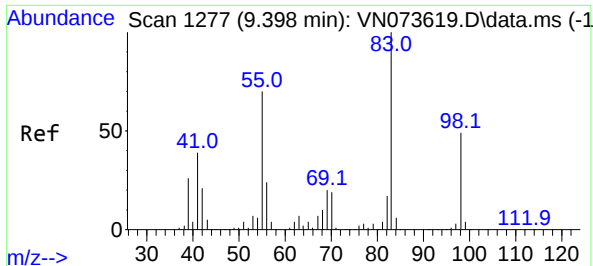
Tgt Ion:	43	Resp:	171362
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.8	17.6
70	11.3	9.3	13.9



#38
Carbon Tetrachloride
Concen: 19.833 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.001 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion:	117	Resp:	141540
Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.8	113.8
121	31.3	24.6	37.0

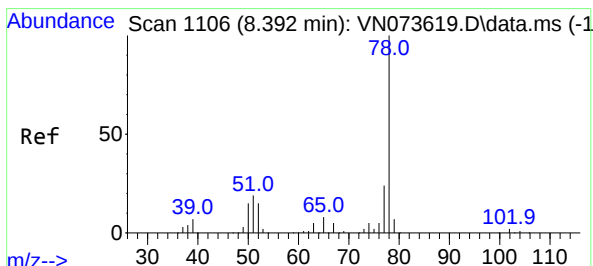
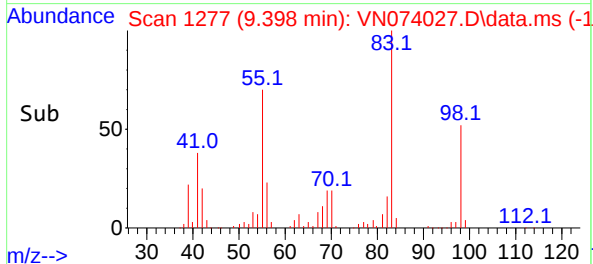
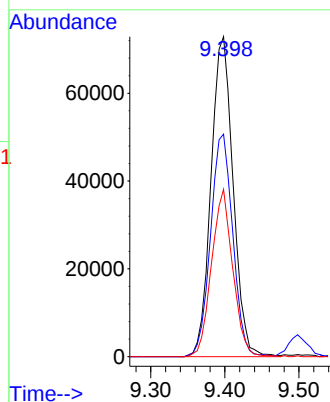
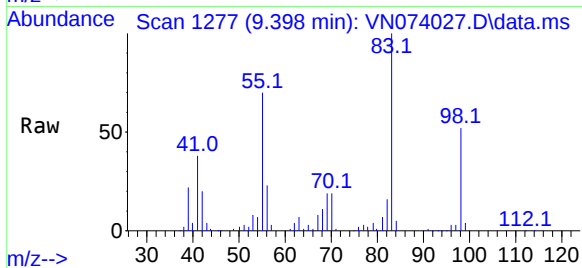




#39
Methylcyclohexane
Concen: 19.295 ug/l
RT: 9.398 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

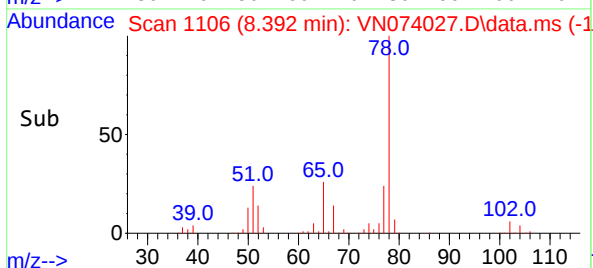
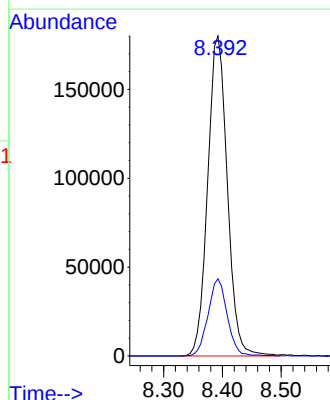
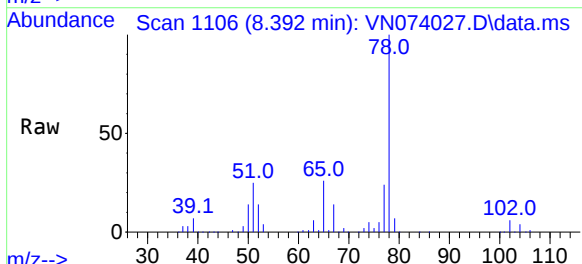
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

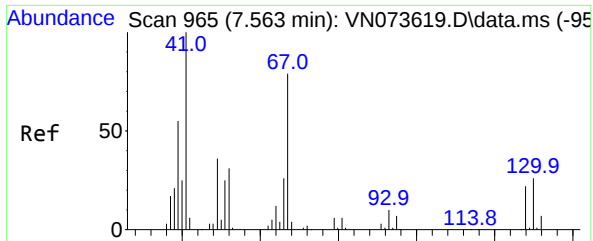
Tgt Ion: 83 Resp: 150956
Ion Ratio Lower Upper
83 100
55 69.6 57.8 86.8
98 52.3 39.4 59.2



#40
Benzene
Concen: 21.172 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

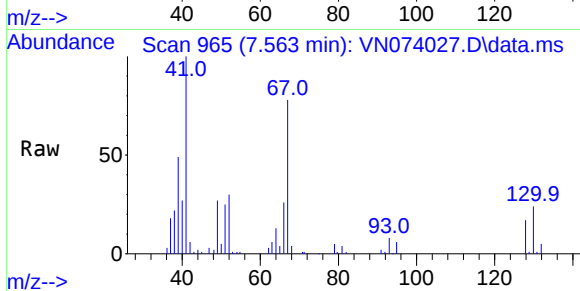
Tgt Ion: 78 Resp: 417218
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0





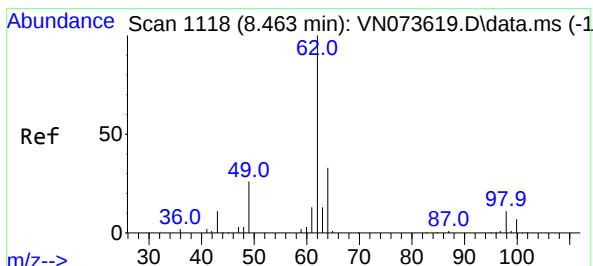
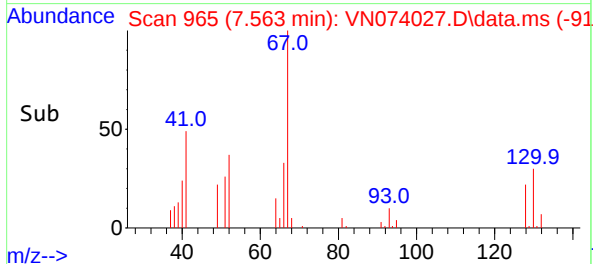
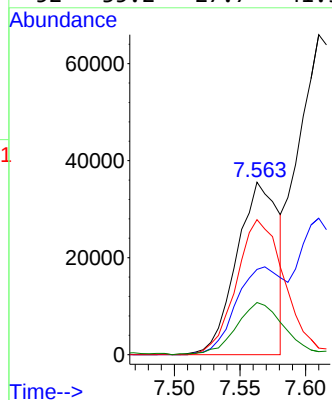
#41
Methacrylonitrile
Concen: 22.988 ug/l
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02



Tgt Ion: 41 Resp: 78581

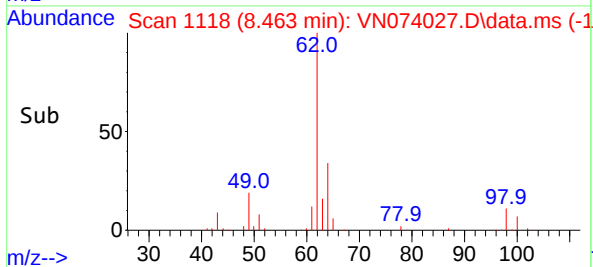
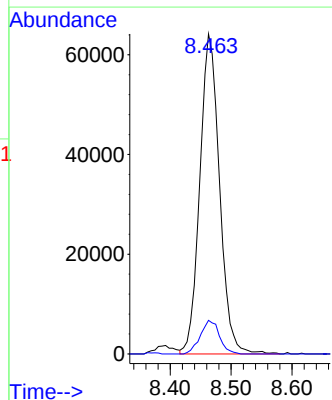
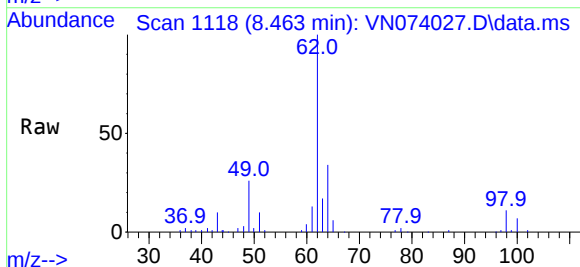
Ion	Ratio	Lower	Upper
41	100		
39	59.9	48.6	73.0
67	92.2	73.4	110.2
52	35.2	27.7	41.5

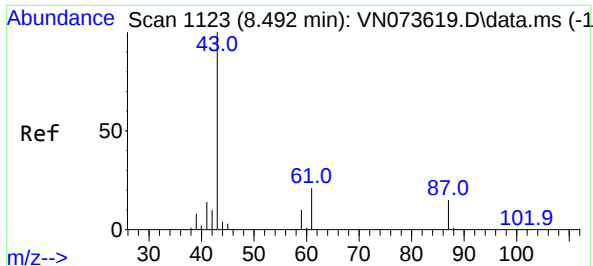


#42
1,2-Dichloroethane
Concen: 21.295 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 62 Resp: 144294

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4

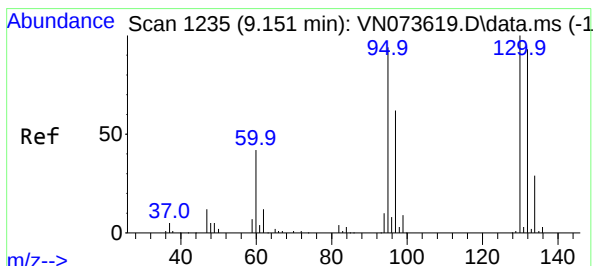
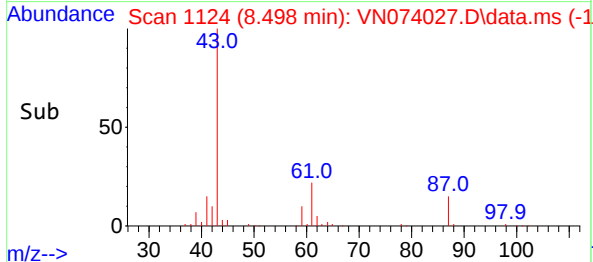
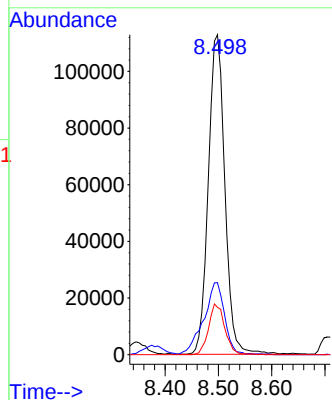
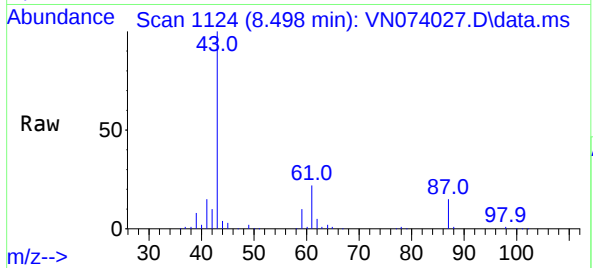




#43
Isopropyl Acetate
Concen: 22.605 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

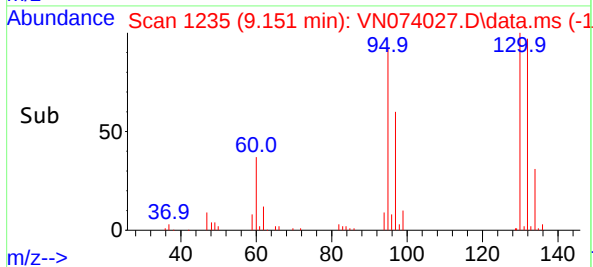
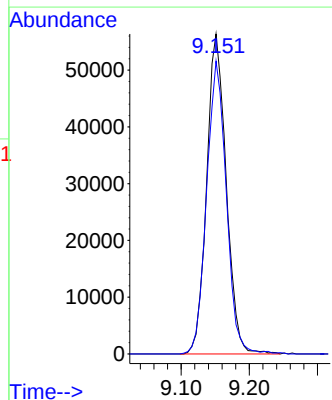
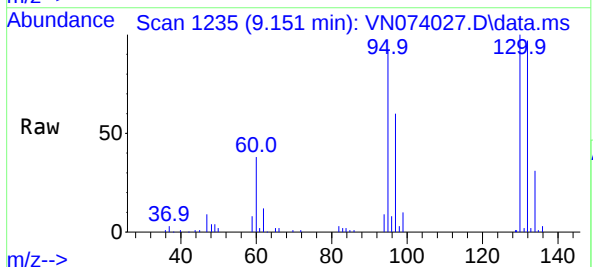
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

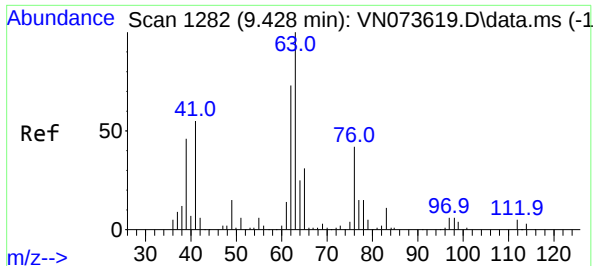
Tgt Ion: 43 Resp: 243590
Ion Ratio Lower Upper
43 100
61 28.0 21.9 32.9
87 15.6 12.0 18.0



#44
Trichloroethene
Concen: 19.777 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion:130 Resp: 112566
Ion Ratio Lower Upper
130 100
95 91.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 22.464 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

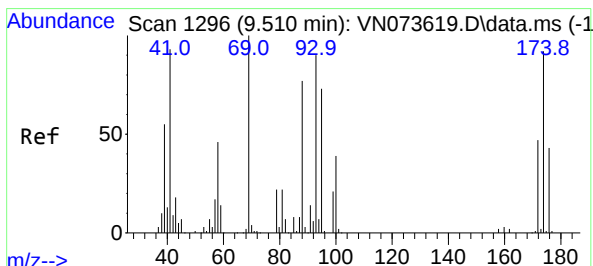
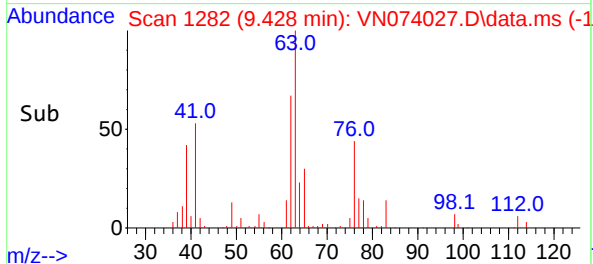
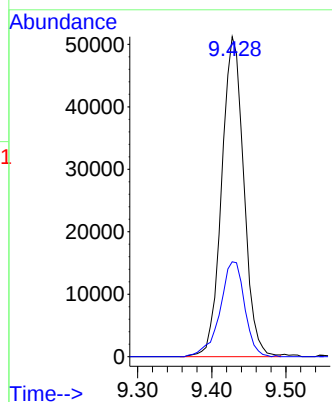
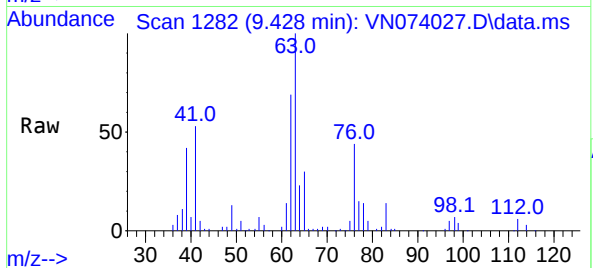
VN0819WBS02

Tgt Ion: 63 Resp: 106106

Ion Ratio Lower Upper

63 100

65 29.7 24.9 37.3



#46

Dibromomethane

Concen: 21.504 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

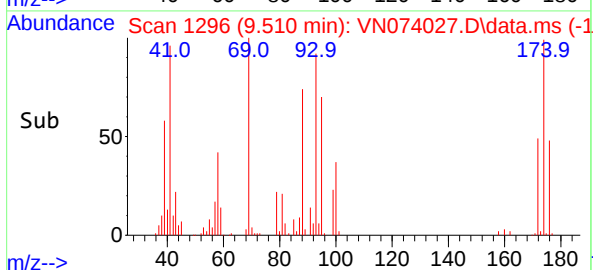
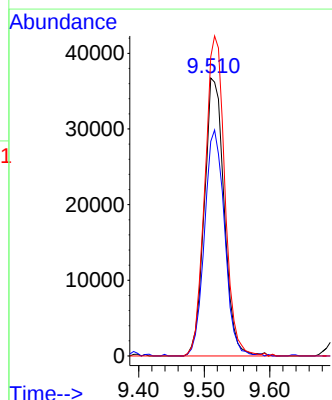
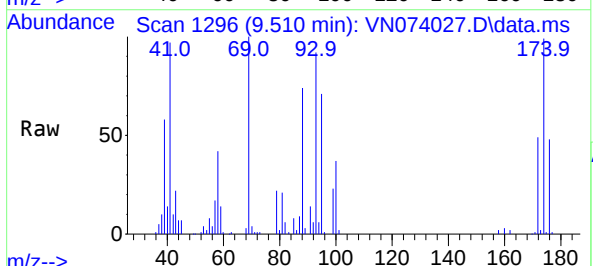
Tgt Ion: 93 Resp: 77222

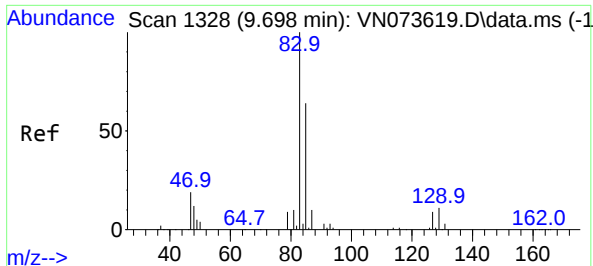
Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

174 115.4 86.6 130.0

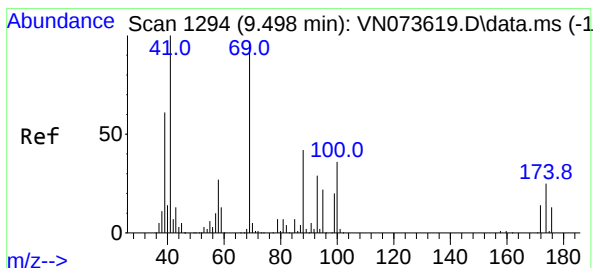
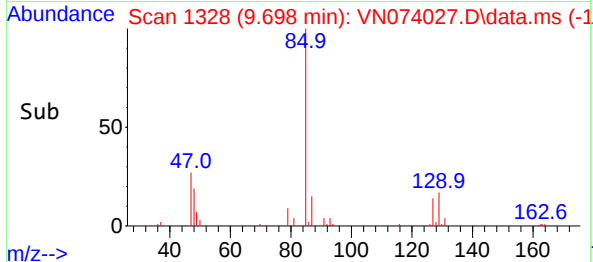
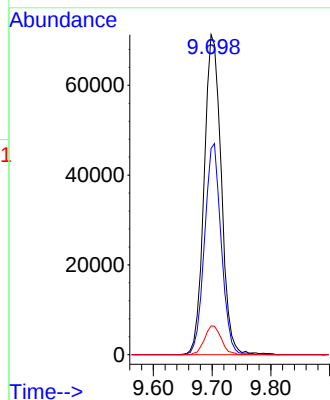
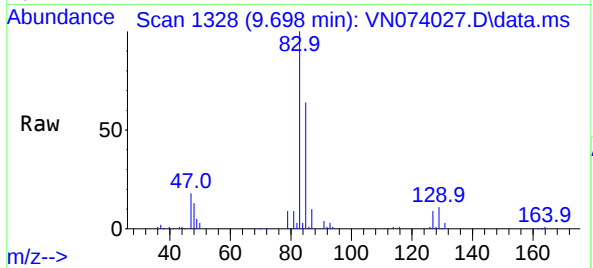




#47
Bromodichloromethane
Concen: 20.929 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

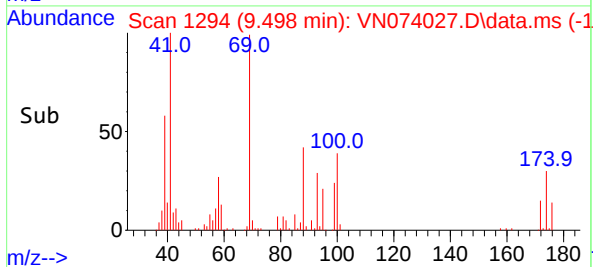
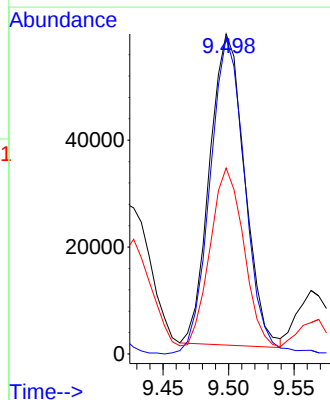
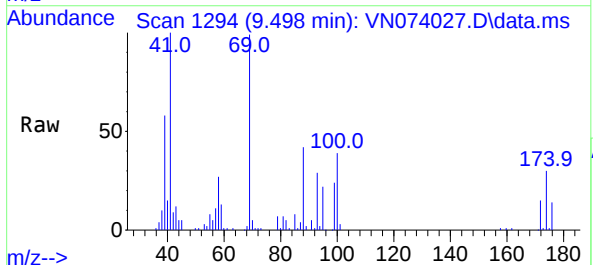
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

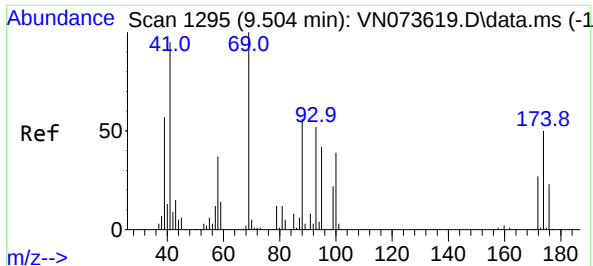
Tgt Ion: 83 Resp: 143647
Ion Ratio Lower Upper
83 100
85 64.4 50.5 75.7
127 9.0 6.8 10.2



#48
Methyl methacrylate
Concen: 23.355 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 41 Resp: 107688
Ion Ratio Lower Upper
41 100
69 102.2 74.7 112.1
39 60.8 45.6 68.4

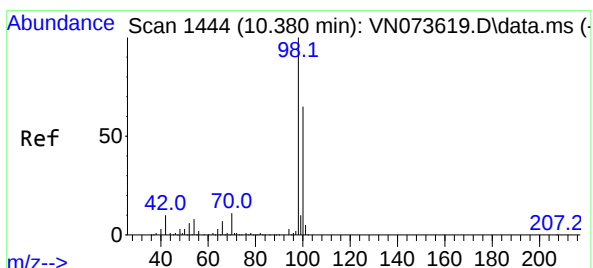
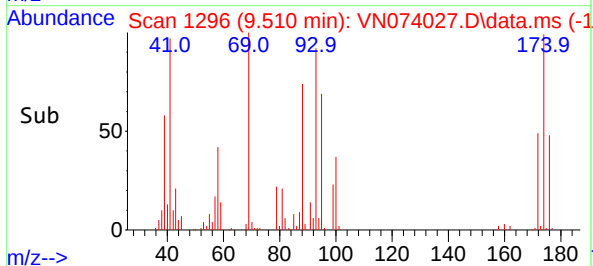
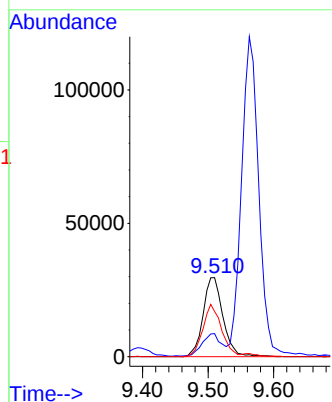
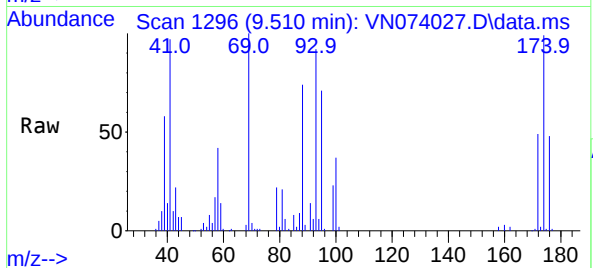




#49
1,4-Dioxane
Concen: 456.560 ug/l
RT: 9.510 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

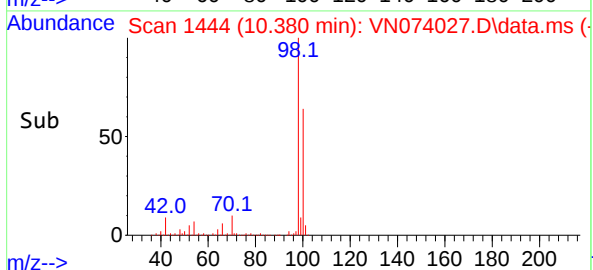
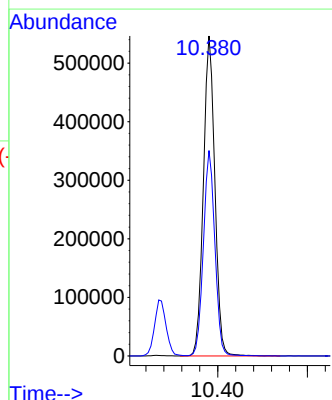
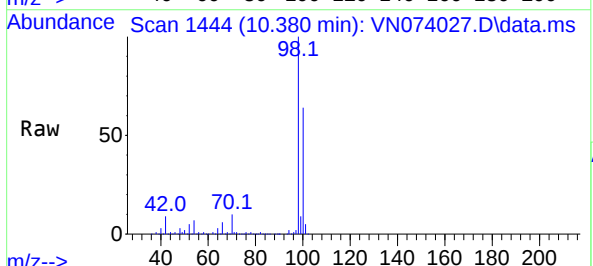
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

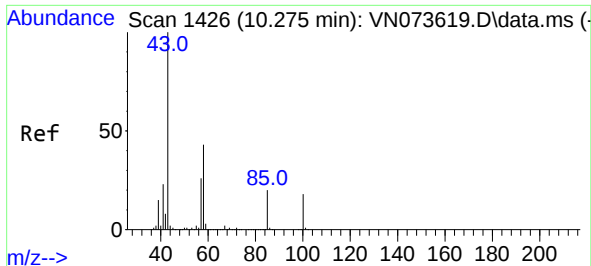
Tgt Ion: 88 Resp: 62602
Ion Ratio Lower Upper
88 100
43 27.1 20.2 30.4
58 62.0 54.2 81.4



#50
Toluene-d8
Concen: 55.598 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 98 Resp: 967940
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

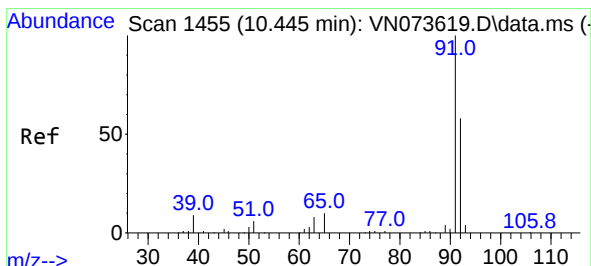
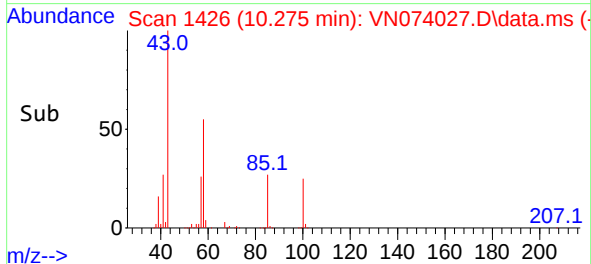
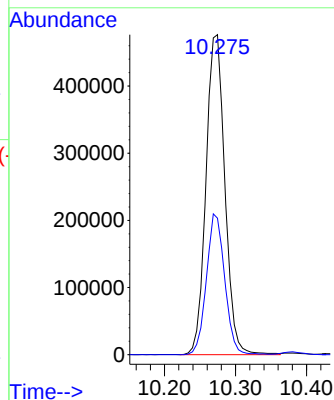
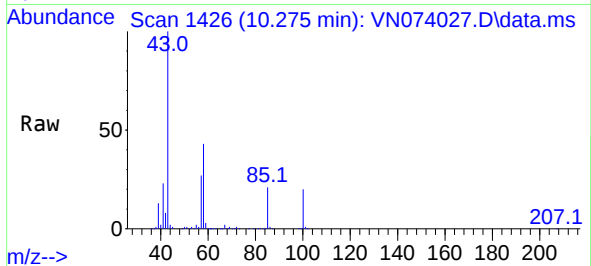




#51
4-Methyl-2-Pentanone
Concen: 121.337 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

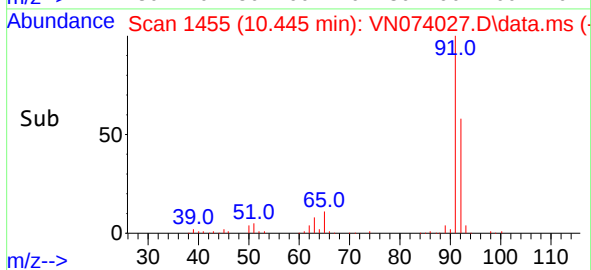
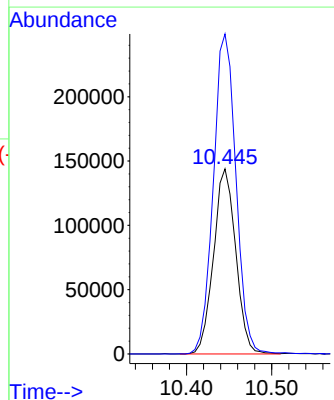
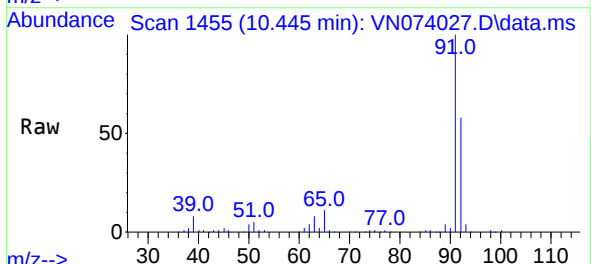
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

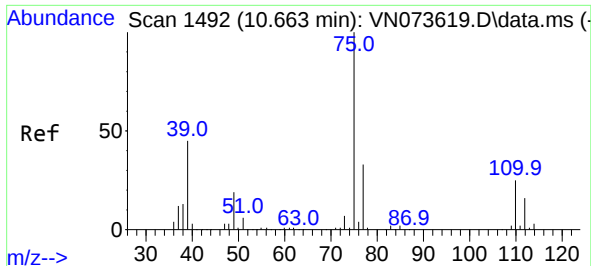
Tgt Ion: 43 Resp: 884009
Ion Ratio Lower Upper
43 100
58 42.5 34.1 51.1



#52
Toluene
Concen: 19.307 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 92 Resp: 260891
Ion Ratio Lower Upper
92 100
91 176.3 138.6 207.8

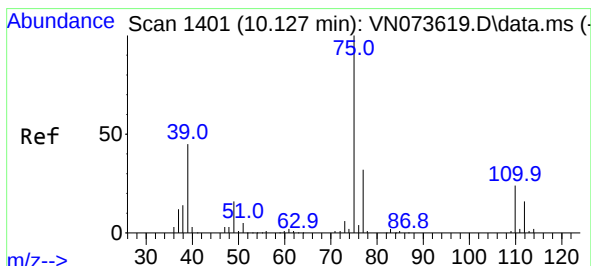
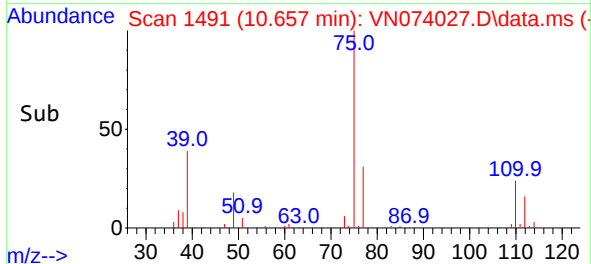
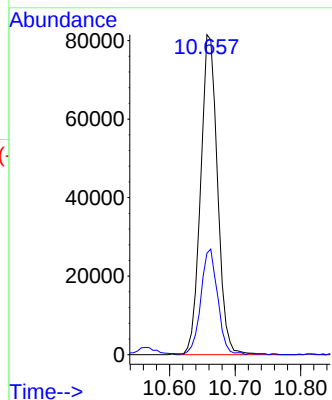
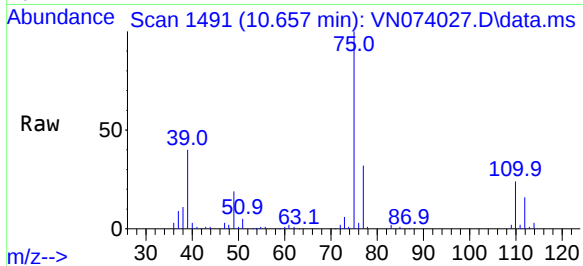




#53
 t-1,3-Dichloropropene
 Concen: 20.288 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: VN074027.D
 Acq: 19 Aug 2022 15:24

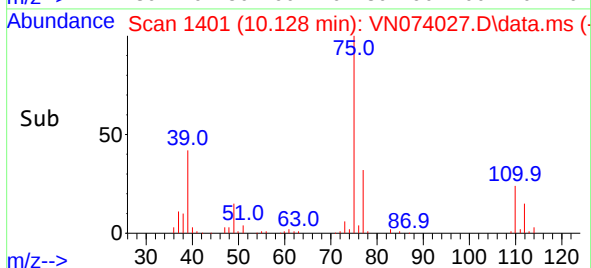
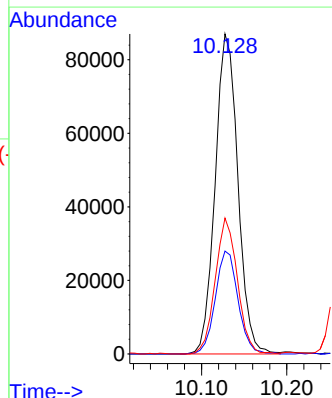
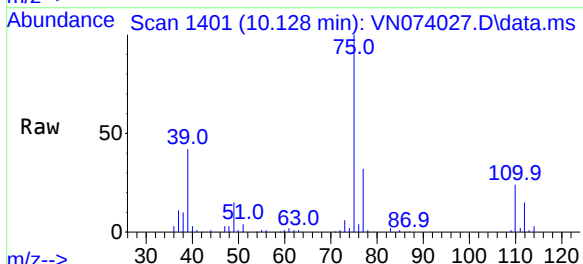
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS02

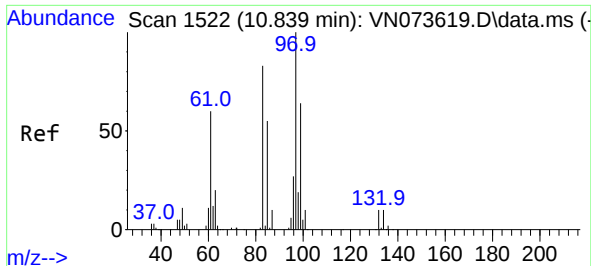
Tgt Ion: 75 Resp: 146119
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.463 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN074027.D
 Acq: 19 Aug 2022 15:24

Tgt Ion: 75 Resp: 161260
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 42.5 35.7 53.5

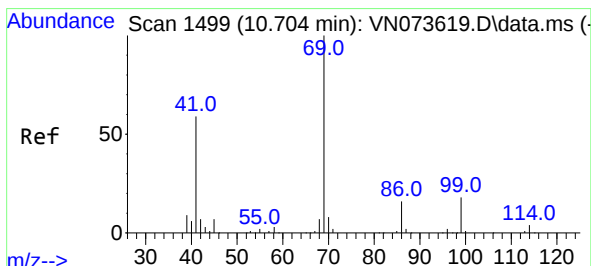
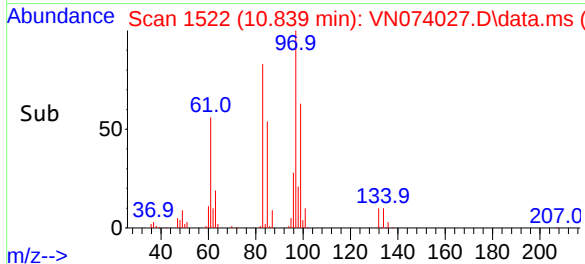
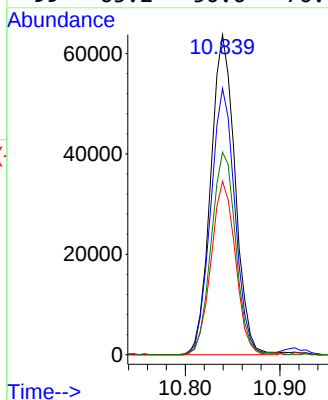
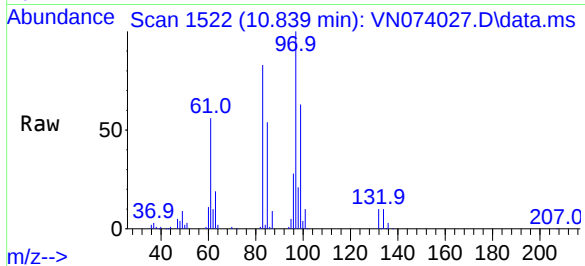




#55
1,1,2-Trichloroethane
Concen: 21.700 ug/l
RT: 10.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

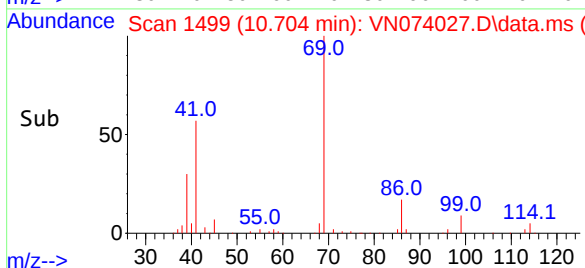
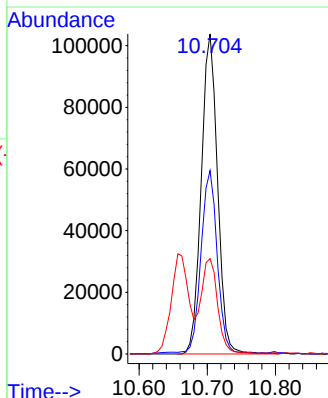
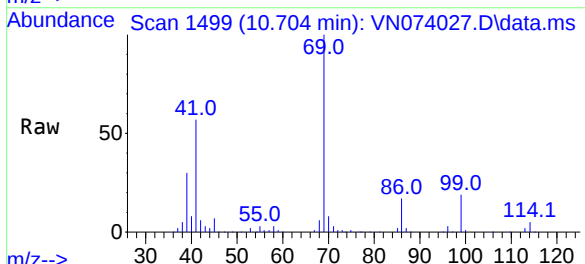
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

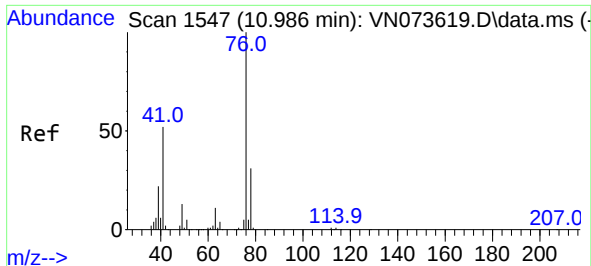
Tgt Ion:	97	Resp:	114062
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.2	99.4
85	54.1	43.9	65.9
99	63.2	50.6	76.0



#56
Ethyl methacrylate
Concen: 22.985 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion:	69	Resp:	172317
Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.8	71.6
39	30.2	27.3	40.9





#57

1,3-Dichloropropane

Concen: 22.049 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

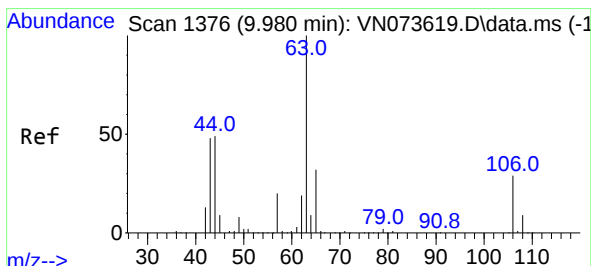
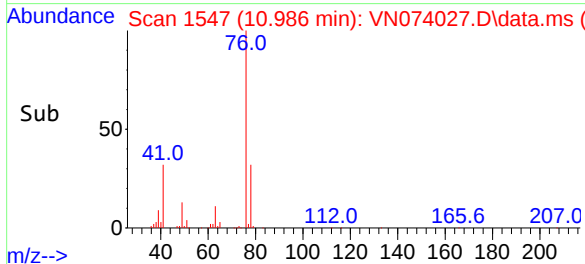
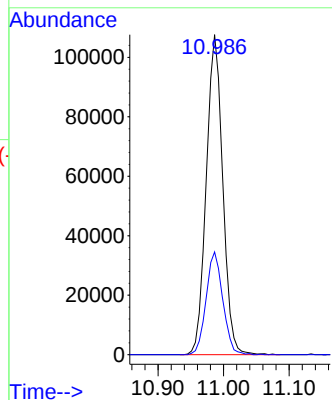
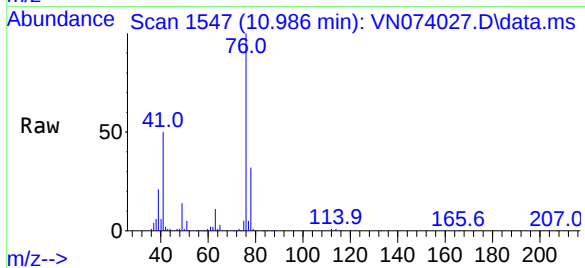
VN0819WBS02

Tgt Ion: 76 Resp: 188446

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 115.438 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074027.D

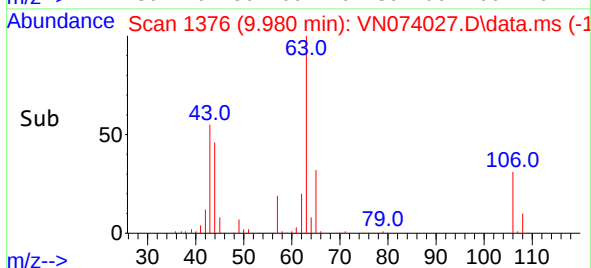
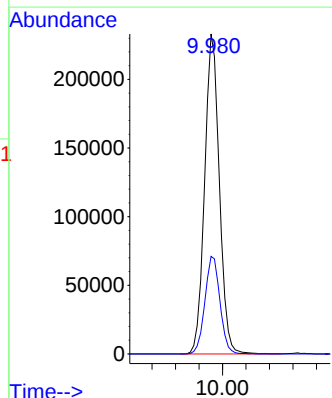
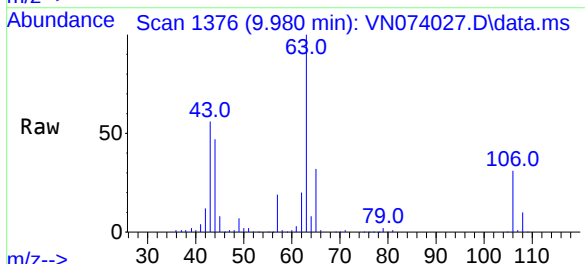
Acq: 19 Aug 2022 15:24

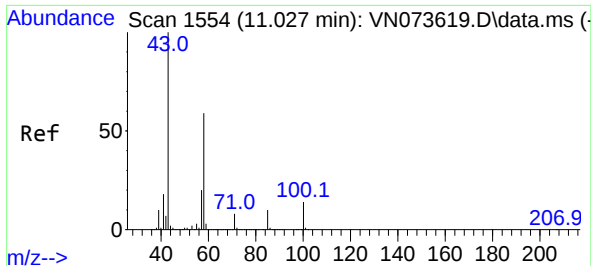
Tgt Ion: 63 Resp: 403913

Ion Ratio Lower Upper

63 100

106 31.2 24.6 36.8

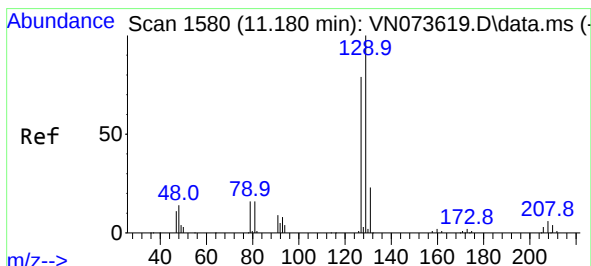
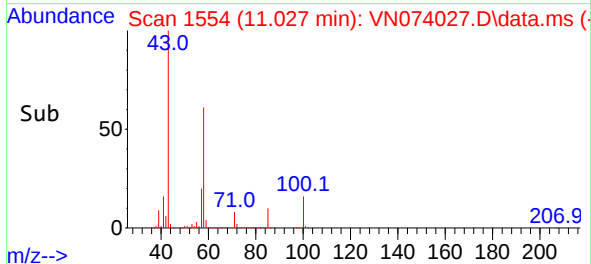
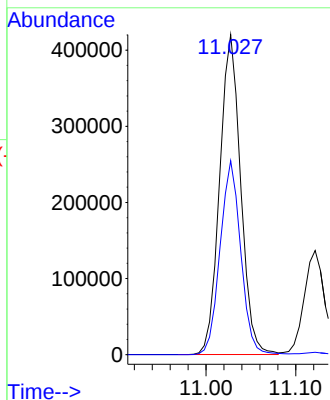
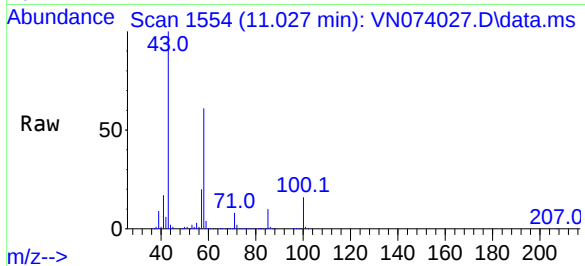




#59
2-Hexanone
Concen: 122.090 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

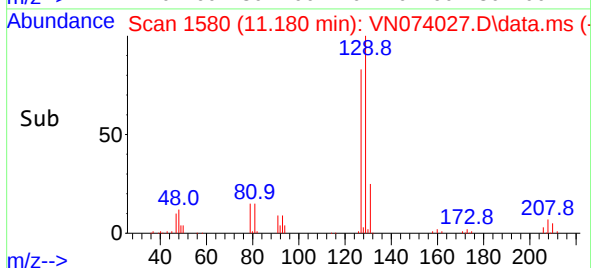
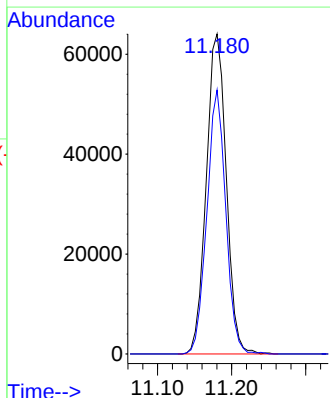
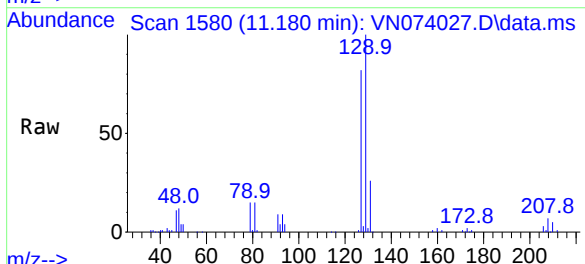
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

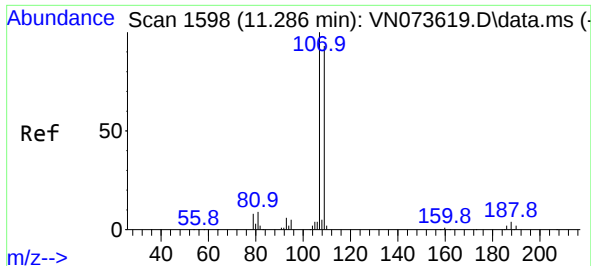
Tgt Ion: 43 Resp: 684563
Ion Ratio Lower Upper
43 100
58 59.5 29.7 89.1



#60
Dibromochloromethane
Concen: 20.634 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 129 Resp: 119941
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4

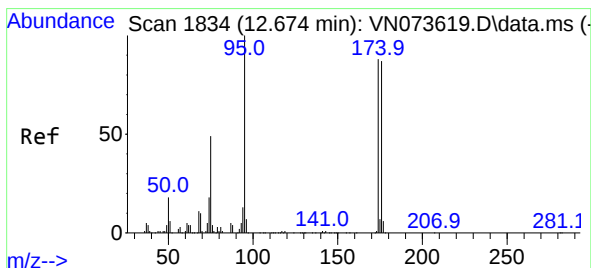
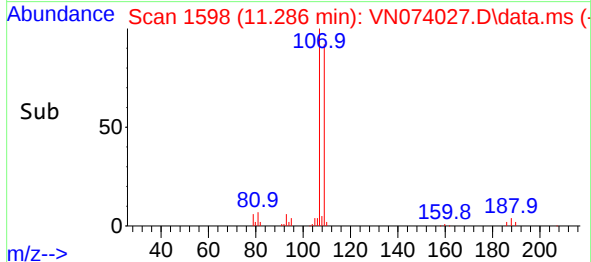
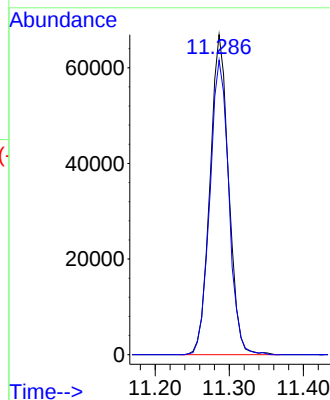
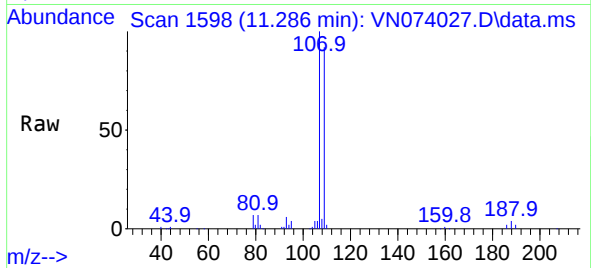




#61
1,2-Dibromoethane
Concen: 20.826 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

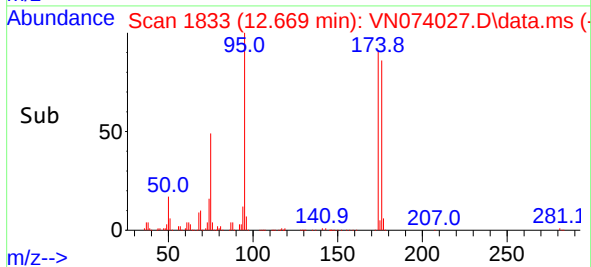
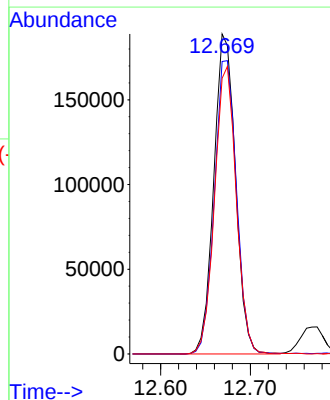
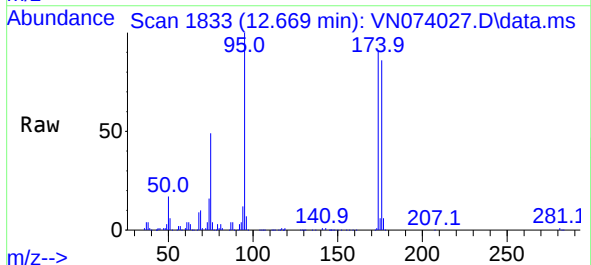
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

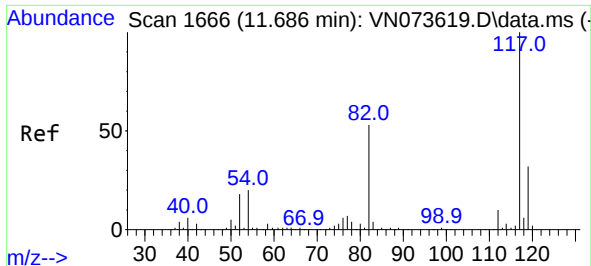
Tgt Ion:107 Resp: 117089
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 54.685 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 95 Resp: 315968
Ion Ratio Lower Upper
95 100
174 93.7 0.0 167.6
176 89.9 0.0 163.4

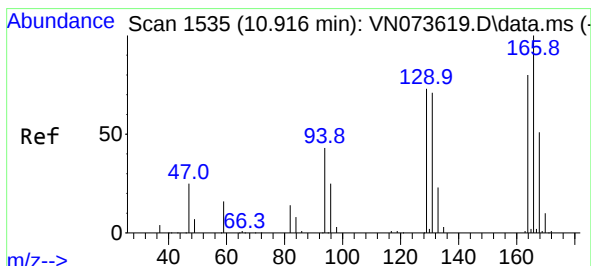
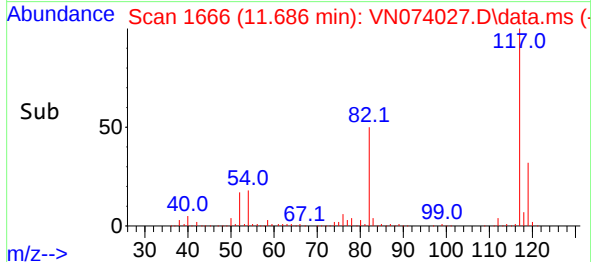
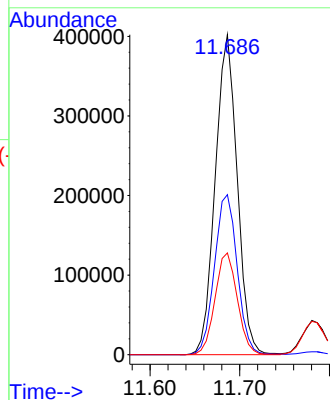
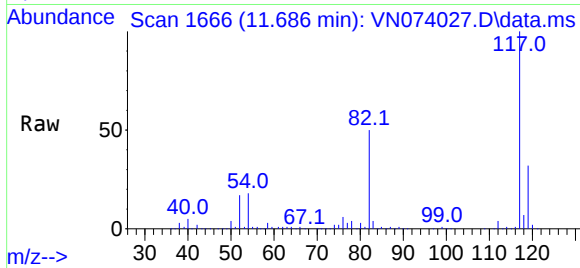




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

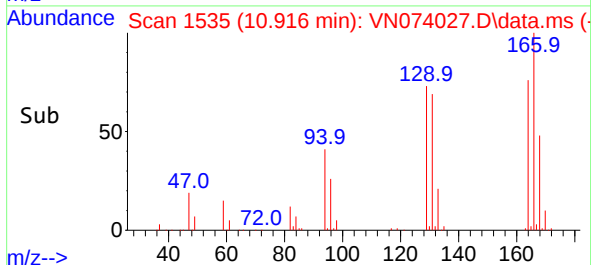
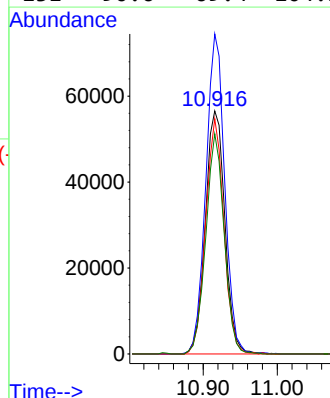
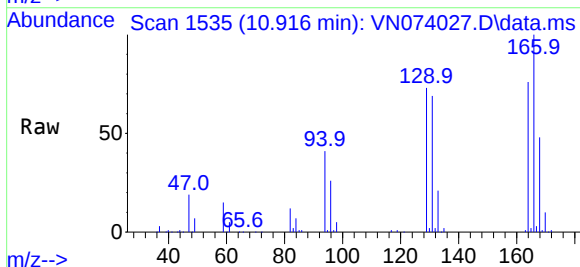
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

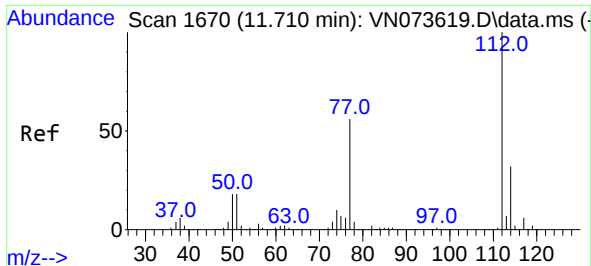
Tgt Ion:117 Resp: 683833
Ion Ratio Lower Upper
117 100
82 50.0 44.2 66.2
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 19.234 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion:164 Resp: 103815
Ion Ratio Lower Upper
164 100
166 131.6 104.2 156.2
129 96.7 73.9 110.9
131 90.6 69.4 104.2

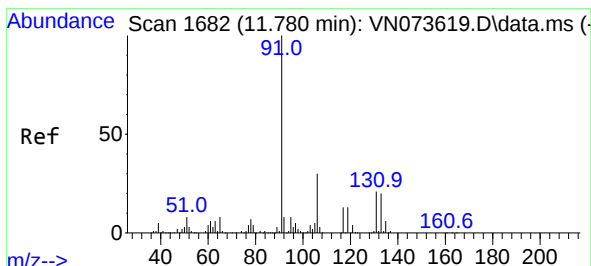
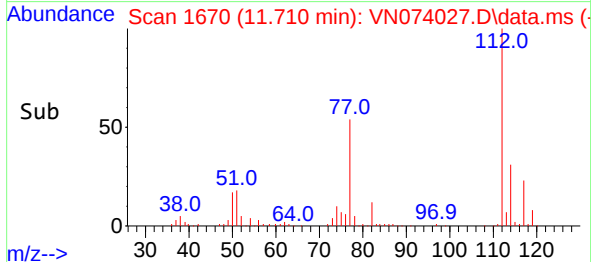
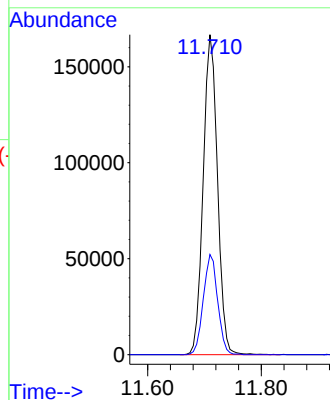
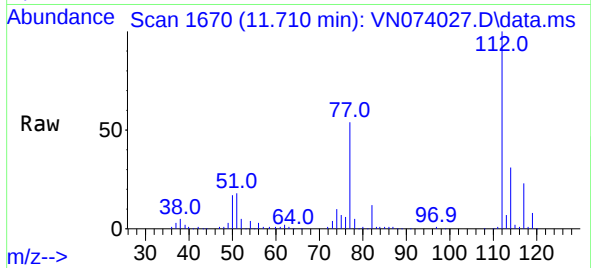




#65
Chlorobenzene
Concen: 19.977 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

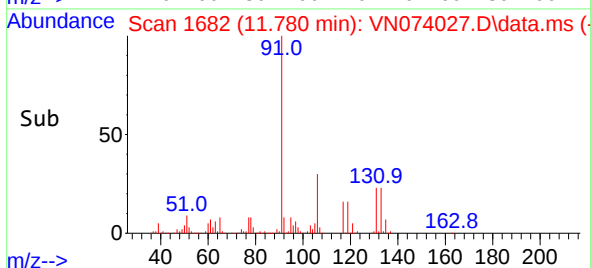
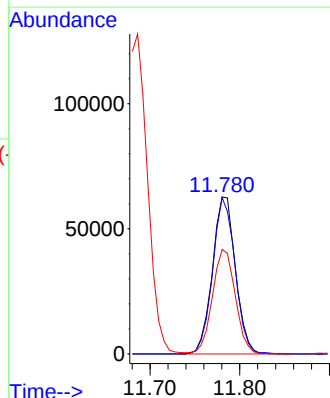
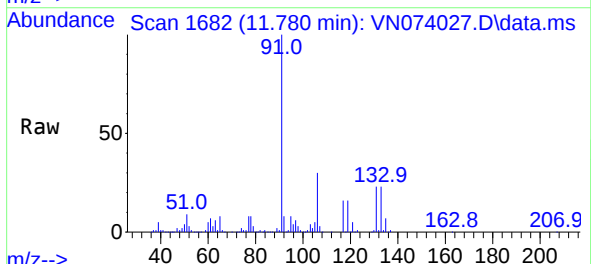
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

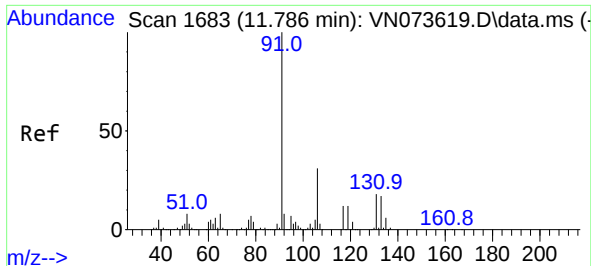
Tgt Ion:112 Resp: 290327
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.354 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion:131 Resp: 112017
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 66.2 33.4 100.2





#67

Ethyl Benzene

Concen: 19.938 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

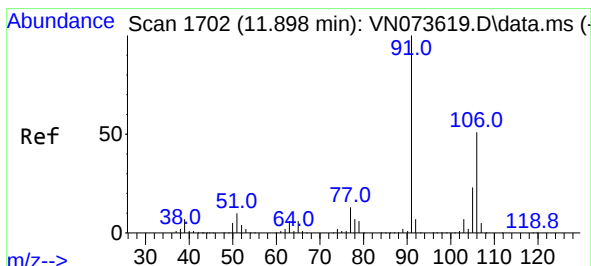
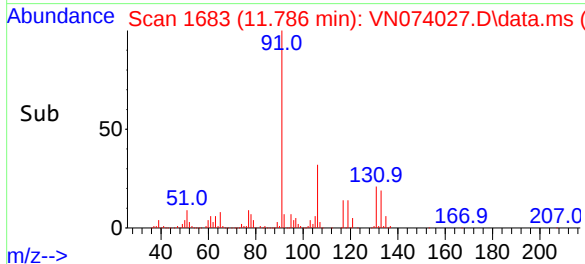
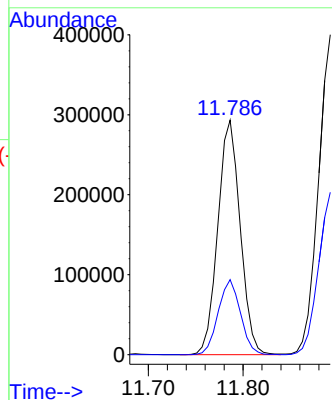
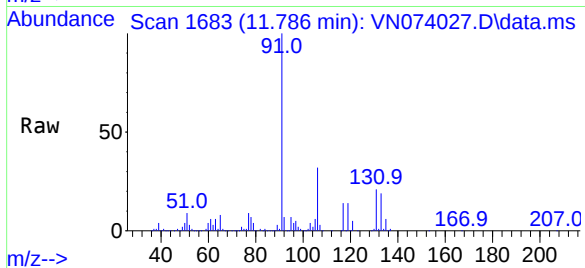
VN0819WBS02

Tgt Ion: 91 Resp: 481881

Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3



#68

m/p-Xylenes

Concen: 39.460 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN074027.D

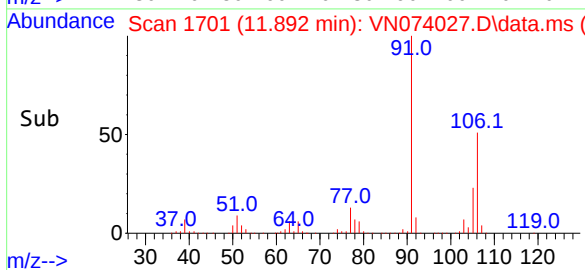
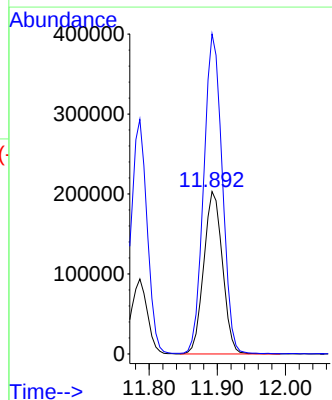
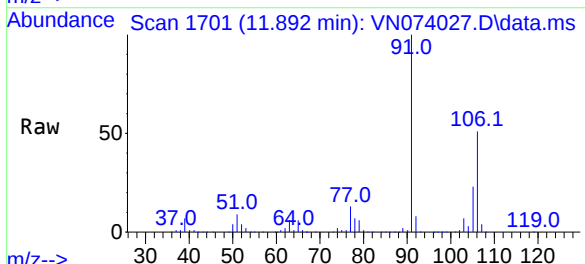
Acq: 19 Aug 2022 15:24

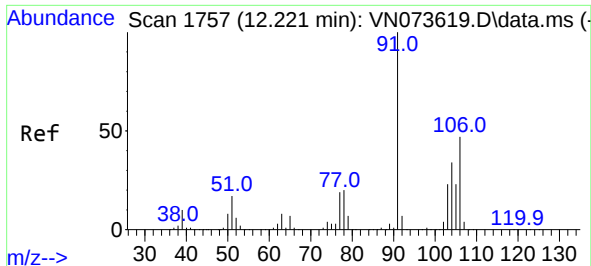
Tgt Ion: 106 Resp: 387509

Ion Ratio Lower Upper

106 100

91 195.2 158.9 238.3





#69

o-Xylene

Concen: 19.405 ug/l

RT: 12.221 min Scan# 1757

Delta R.T. 0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

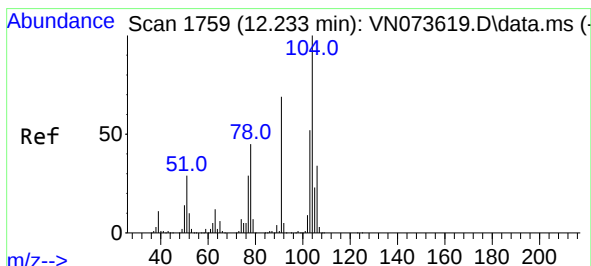
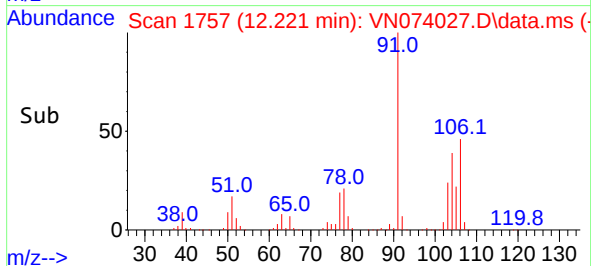
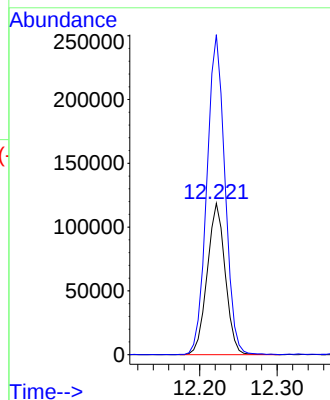
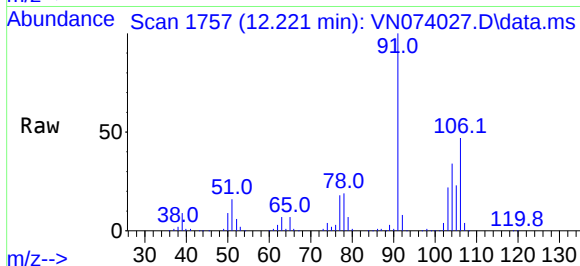
VN0819WBS02

Tgt Ion:106 Resp: 191091

Ion Ratio Lower Upper

106 100

91 212.8 106.0 318.0



#70

Styrene

Concen: 20.211 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

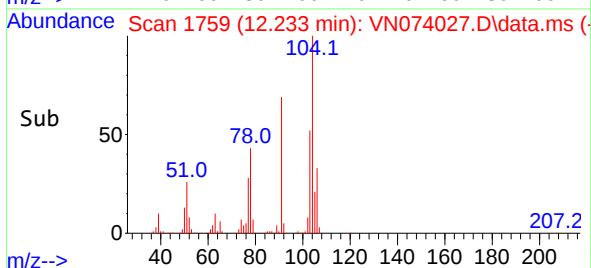
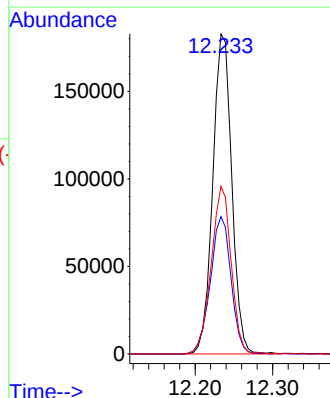
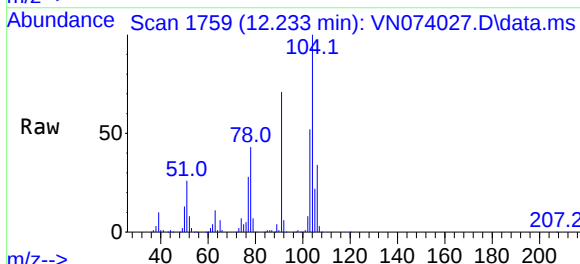
Tgt Ion:104 Resp: 311601

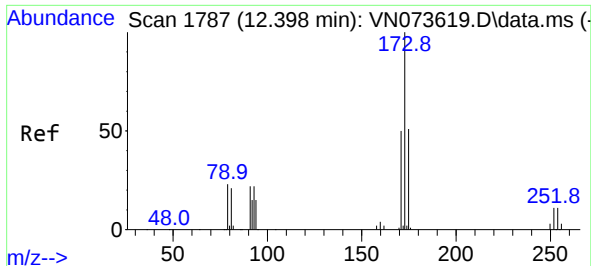
Ion Ratio Lower Upper

104 100

78 46.6 39.5 59.3

103 55.0 44.0 66.0

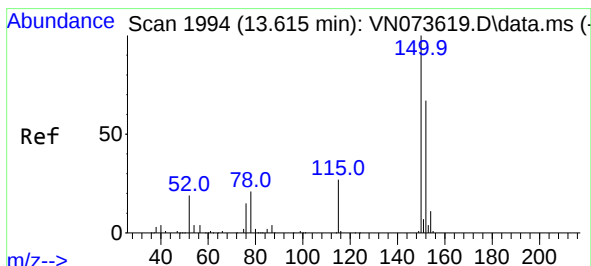
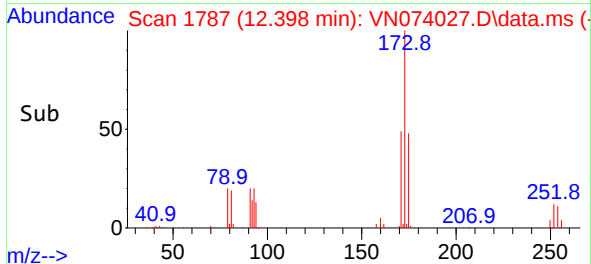
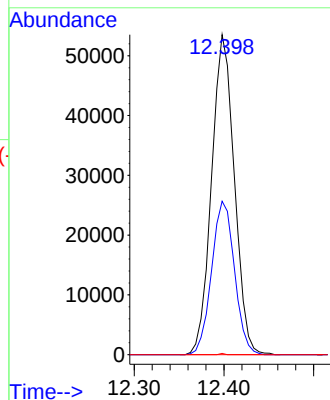
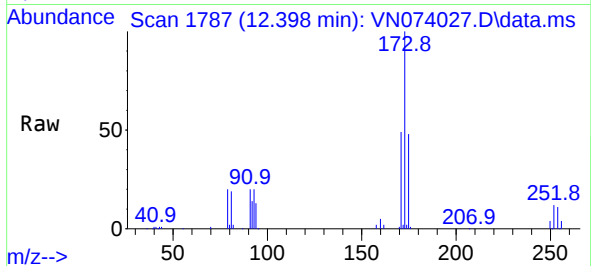




#71
Bromoform
Concen: 19.204 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

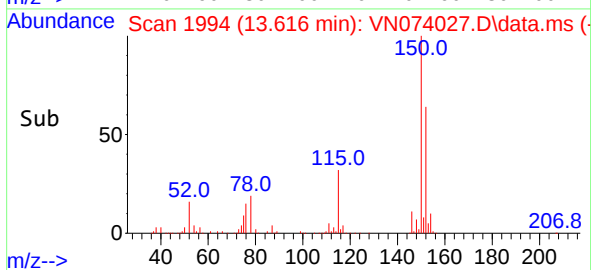
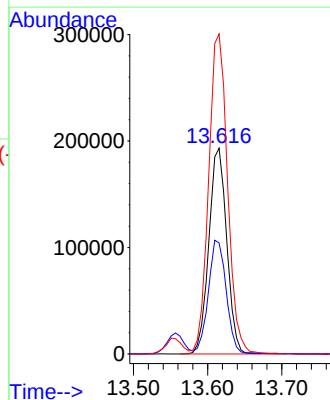
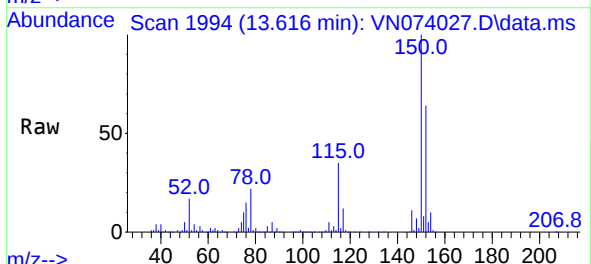
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

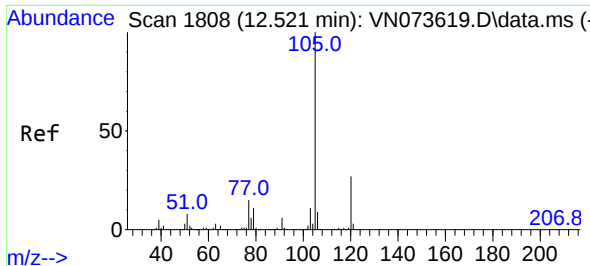
Tgt Ion:173 Resp: 94357
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion:152 Resp: 325161
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 164.1 0.0 356.2

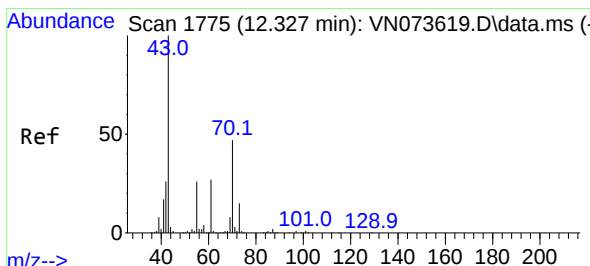
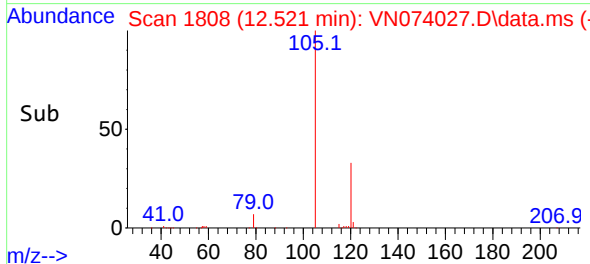
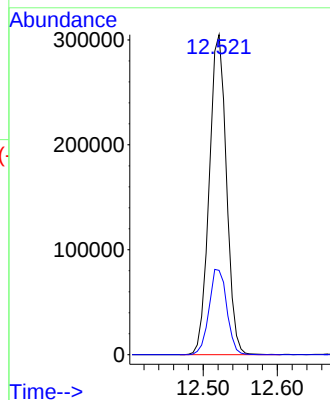
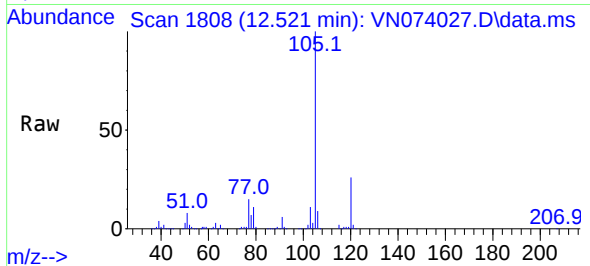




#73
Isopropylbenzene
Concen: 20.745 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

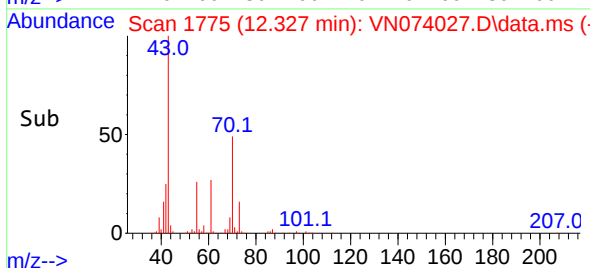
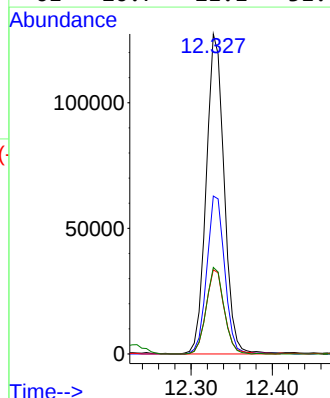
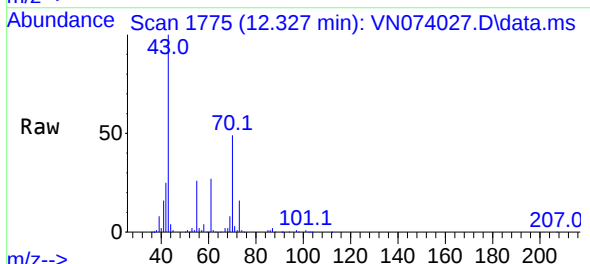
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

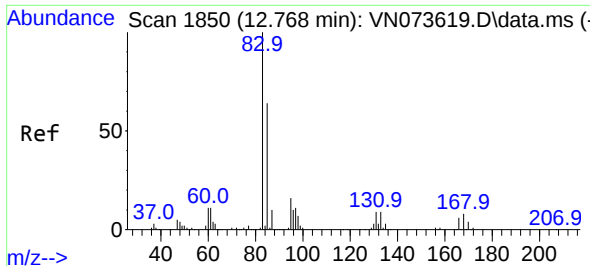
Tgt Ion:105 Resp: 491174
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4



#74
N-ethyl acetate
Concen: 21.799 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 43 Resp: 195117
Ion Ratio Lower Upper
43 100
70 49.4 39.0 58.4
55 27.0 21.1 31.7
61 26.7 21.1 31.7

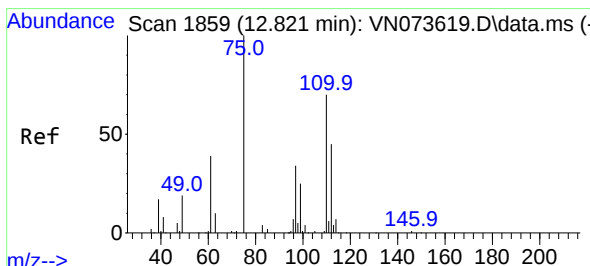
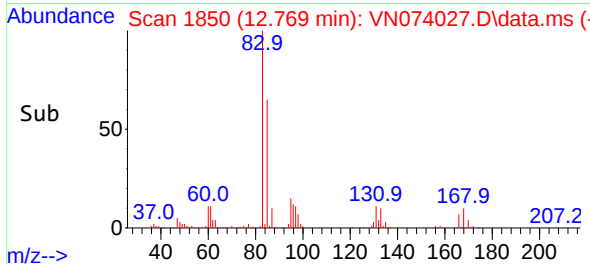
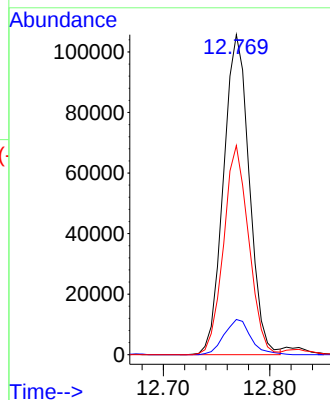
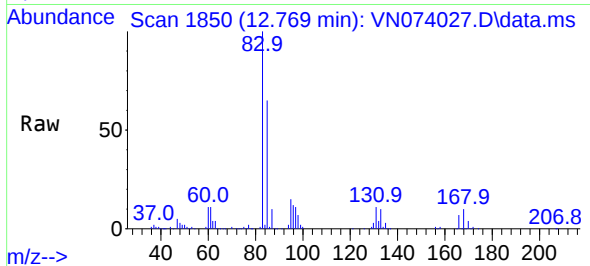




#75
1,1,2,2-Tetrachloroethane
Concen: 22.327 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

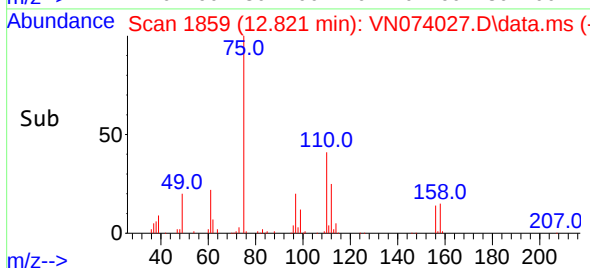
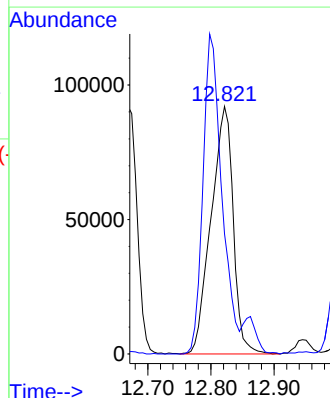
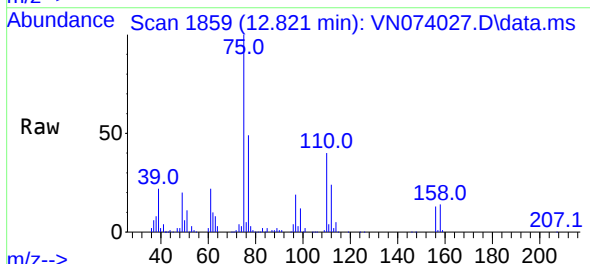
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

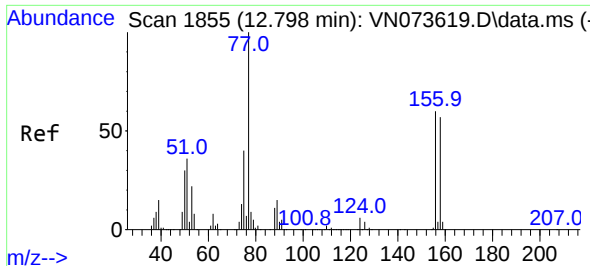
Tgt Ion: 83 Resp: 177397
Ion Ratio Lower Upper
83 100
131 11.4 5.3 15.9
85 63.8 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 33.170 ug/l
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 75 Resp: 224177
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#

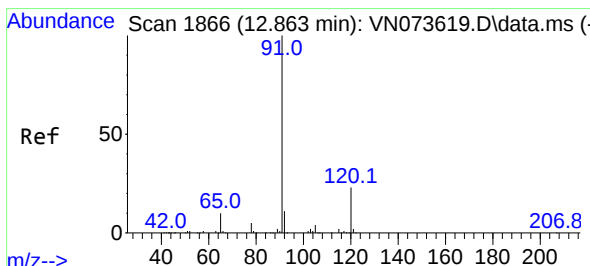
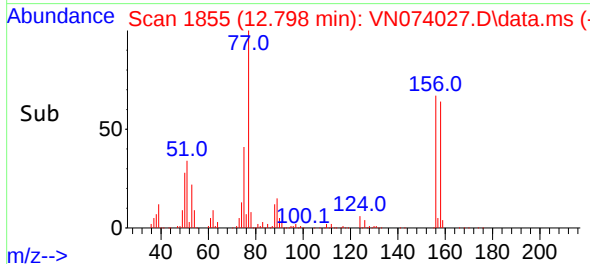
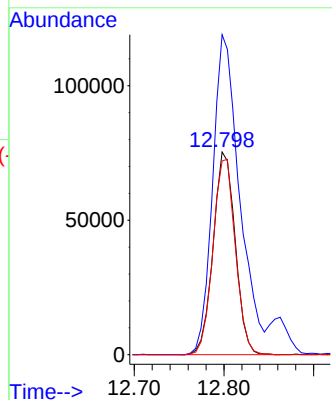
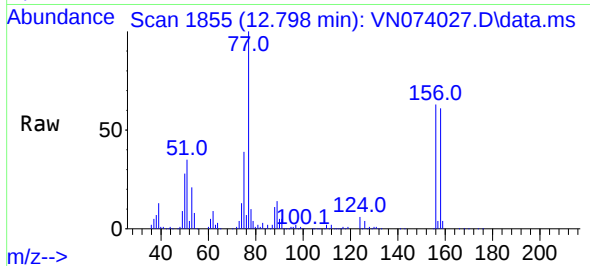




#77
Bromobenzene
Concen: 20.093 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

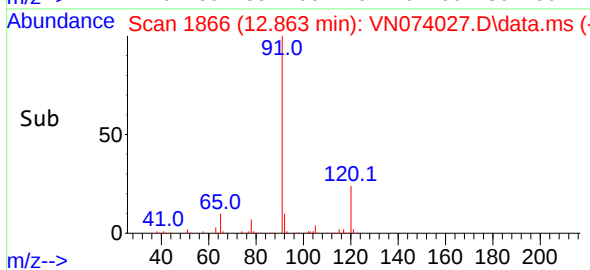
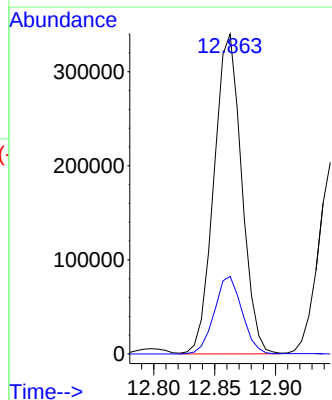
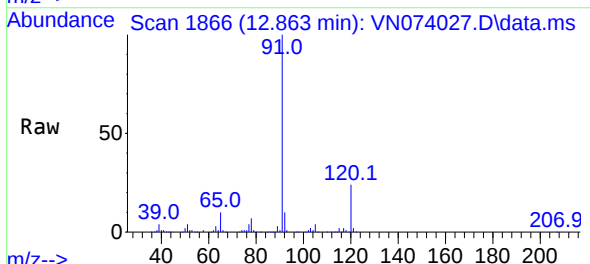
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

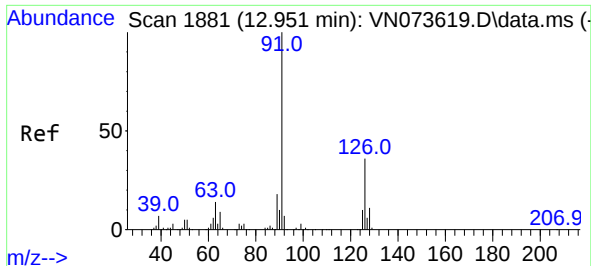
Tgt Ion:156 Resp: 128773
Ion Ratio Lower Upper
156 100
77 191.3 100.5 301.5
158 97.9 48.9 146.6



#78
n-propylbenzene
Concen: 21.265 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 91 Resp: 536693
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 21.672 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

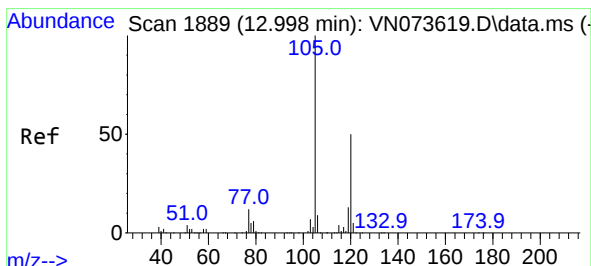
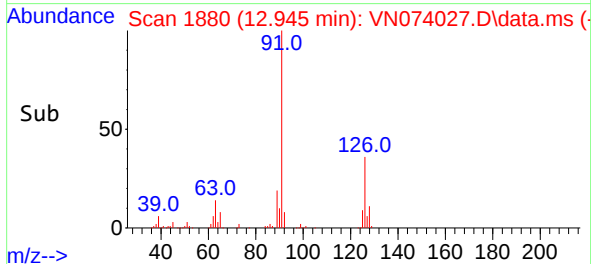
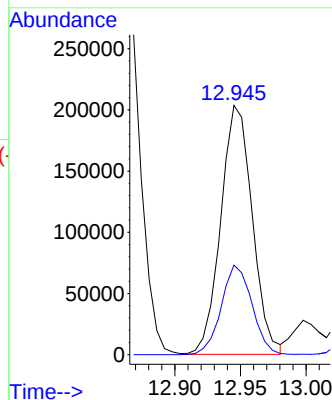
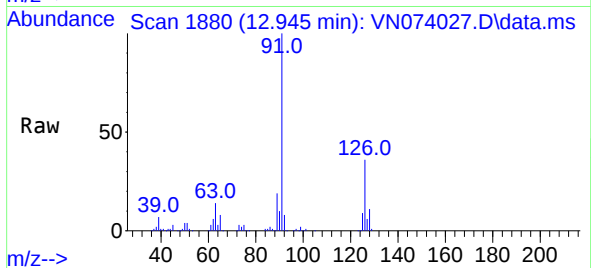
VN0819WBS02

Tgt Ion: 91 Resp: 340862

Ion Ratio Lower Upper

91 100

126 35.0 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 21.338 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN074027.D

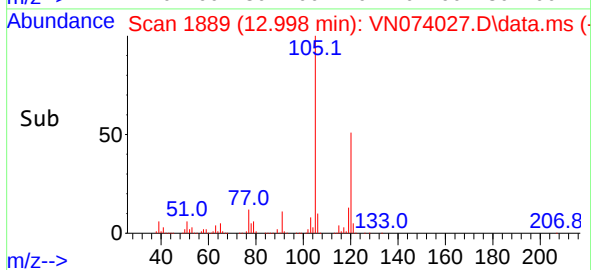
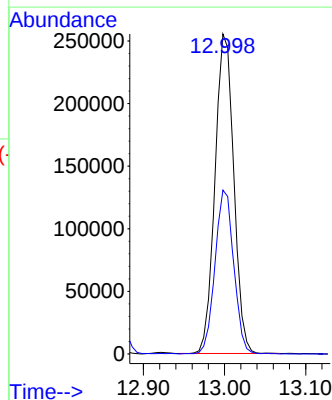
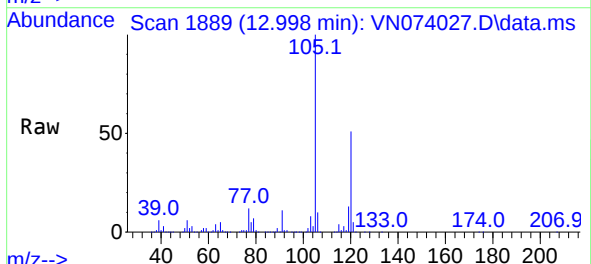
Acq: 19 Aug 2022 15:24

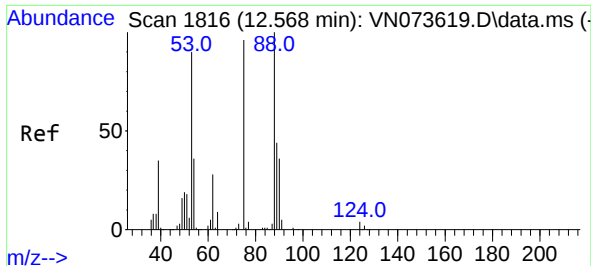
Tgt Ion:105 Resp: 410943

Ion Ratio Lower Upper

105 100

120 51.2 24.9 74.7

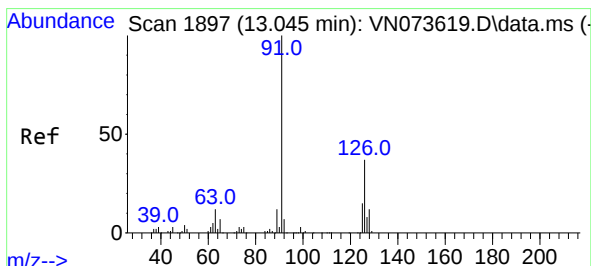
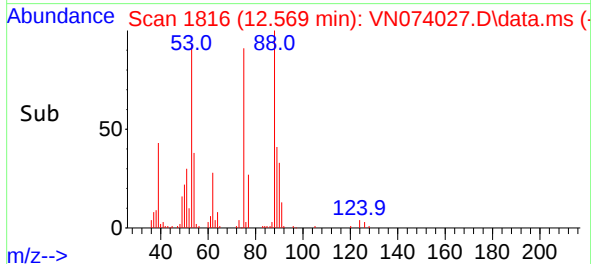
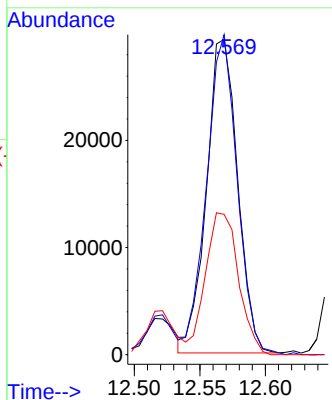
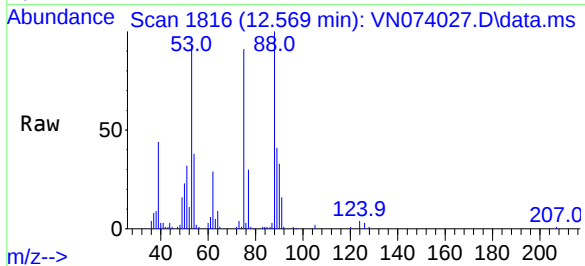




#81
trans-1,4-Dichloro-2-butene
Concen: 20.355 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.001 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

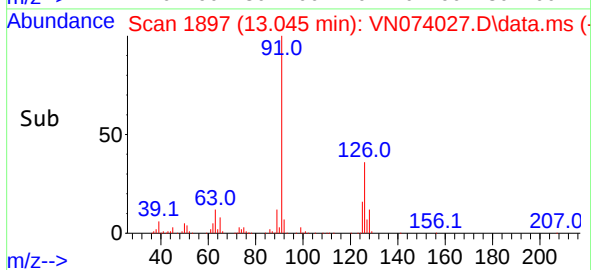
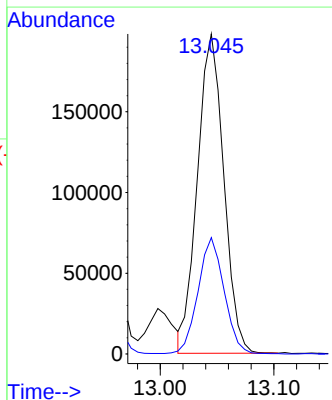
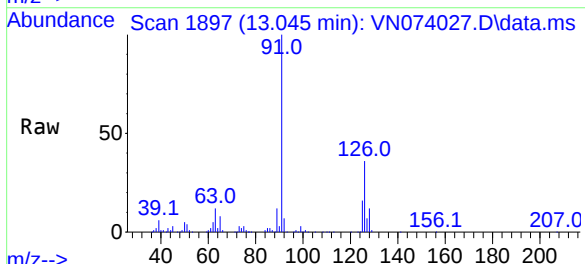
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

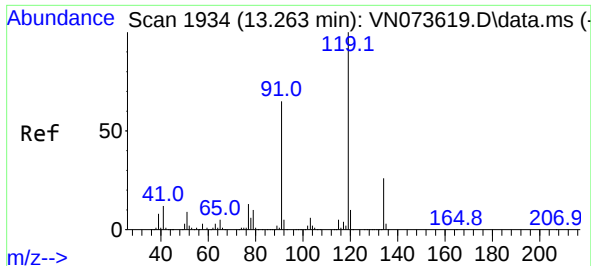
Tgt Ion: 75 Resp: 48368
Ion Ratio Lower Upper
75 100
53 100.8 78.0 117.0
89 48.0 37.2 55.8



#82
4-Chlorotoluene
Concen: 21.351 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 91 Resp: 318951
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6

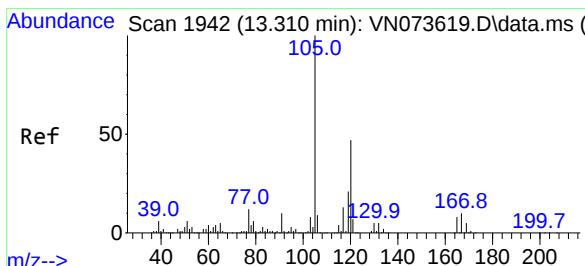
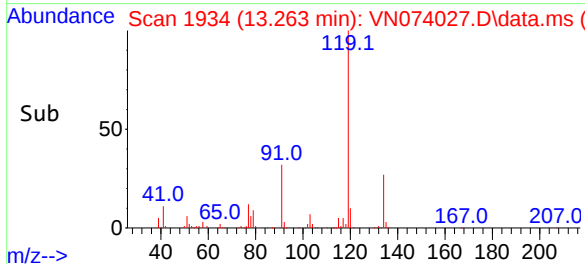
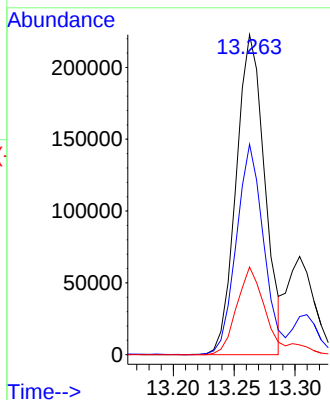
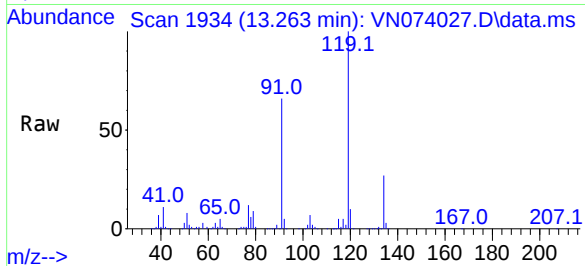




#83
tert-Butylbenzene
Concen: 20.521 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

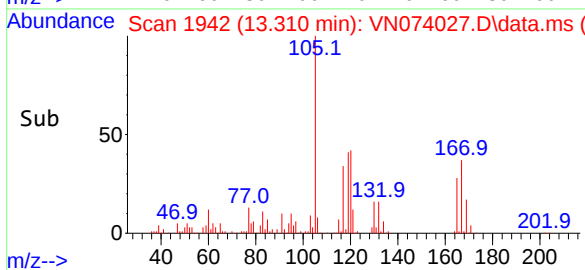
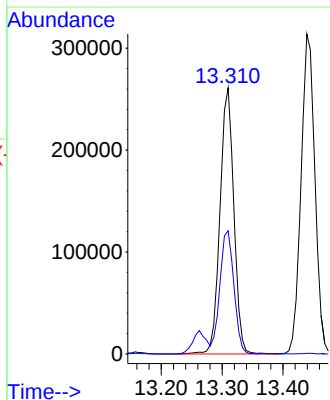
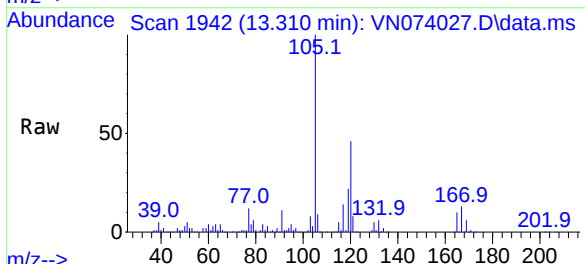
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

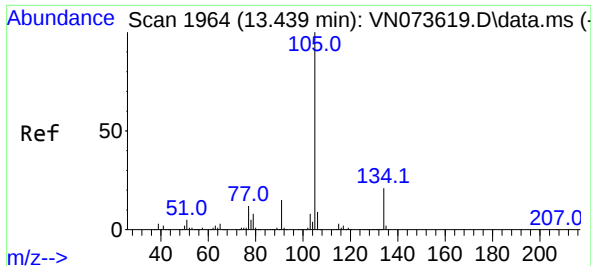
Tgt Ion:119 Resp: 363676
Ion Ratio Lower Upper
119 100
91 63.3 31.6 94.8
134 29.0 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 21.444 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion:105 Resp: 412418
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8

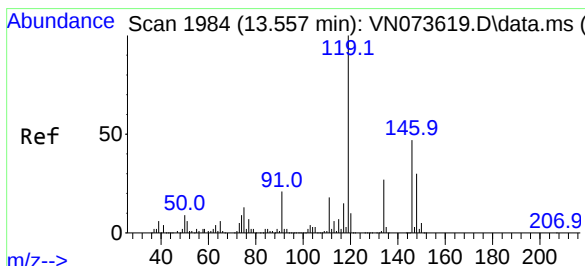
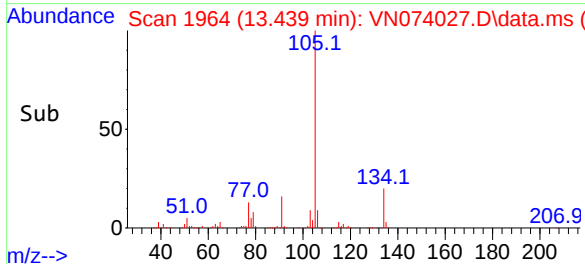
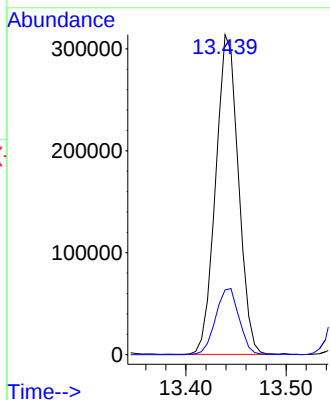
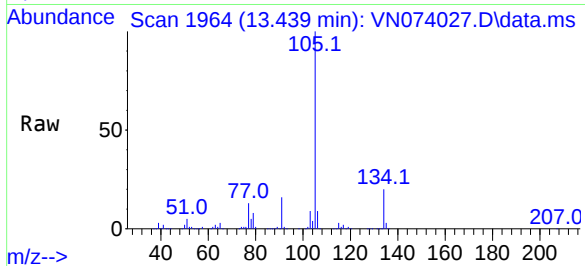




#85
 sec-Butylbenzene
 Concen: 21.495 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN074027.D
 Acq: 19 Aug 2022 15:24

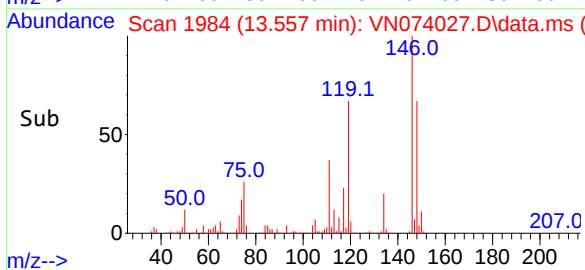
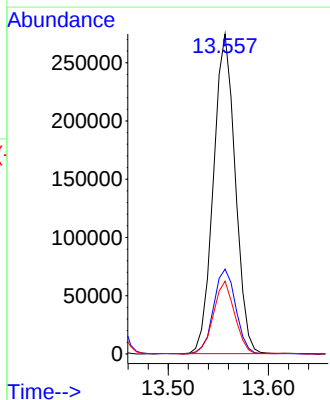
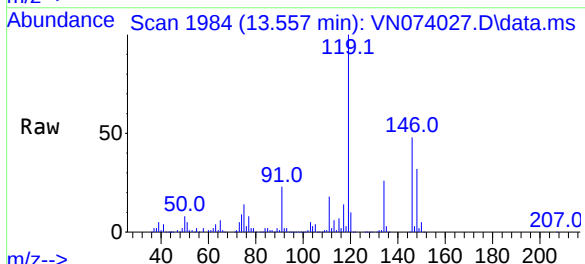
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS02

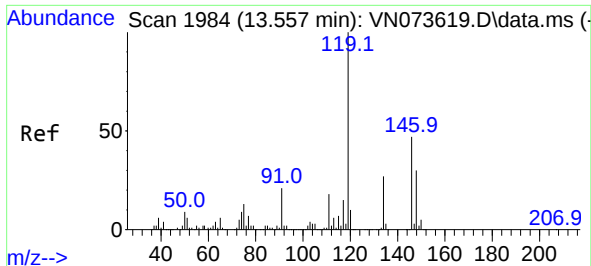
Tgt Ion:105 Resp: 493793
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.178 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074027.D
 Acq: 19 Aug 2022 15:24

Tgt Ion:119 Resp: 414466
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 22.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.081 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS02

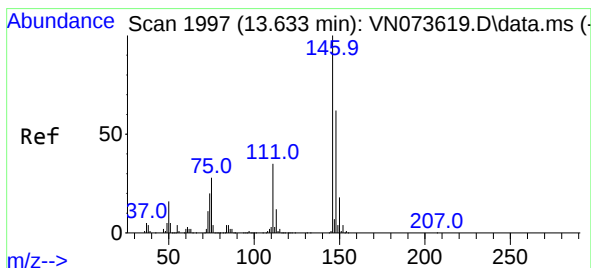
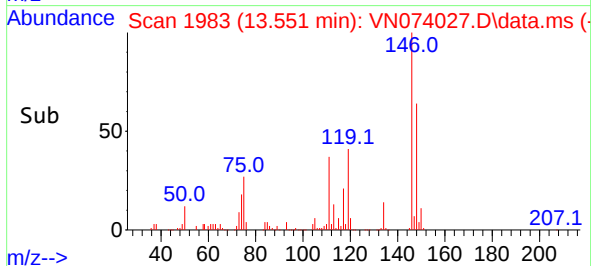
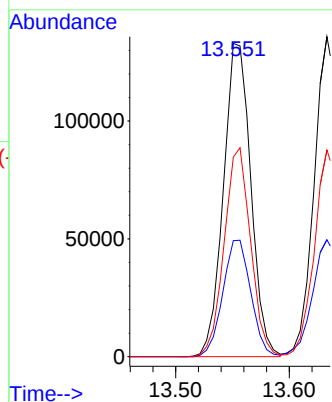
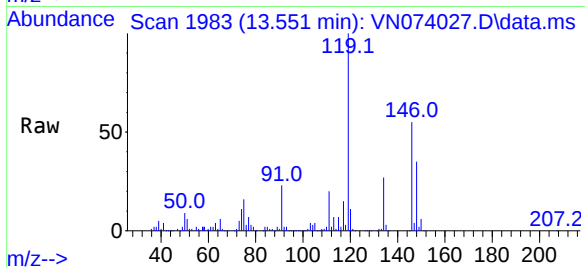
Tgt Ion:146 Resp: 223184

Ion Ratio Lower Upper

146 100

111 38.0 20.0 60.0

148 64.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.684 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

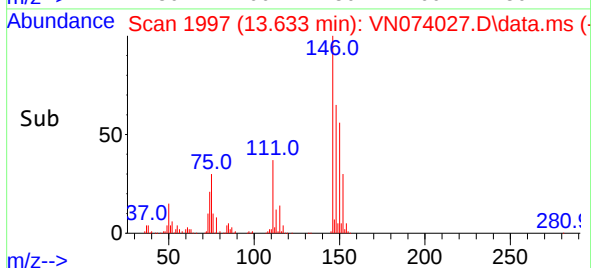
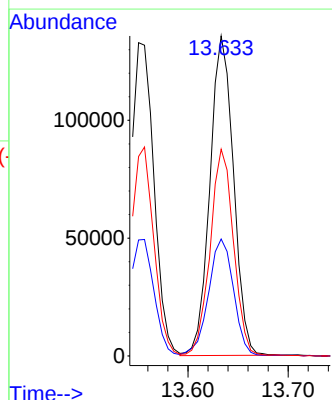
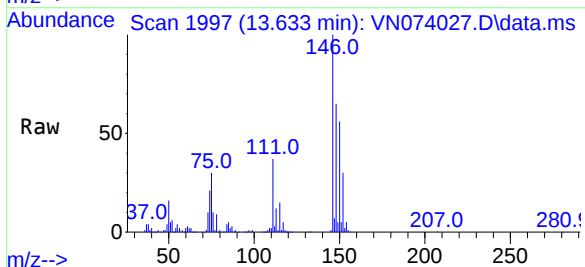
Tgt Ion:146 Resp: 221714

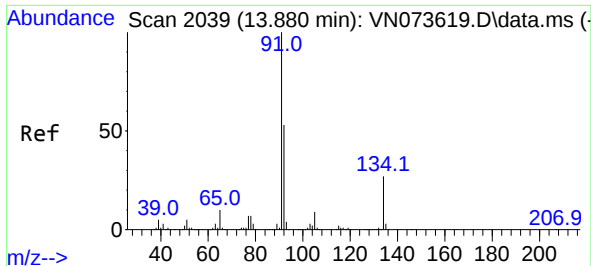
Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.1

148 64.7 31.4 94.3

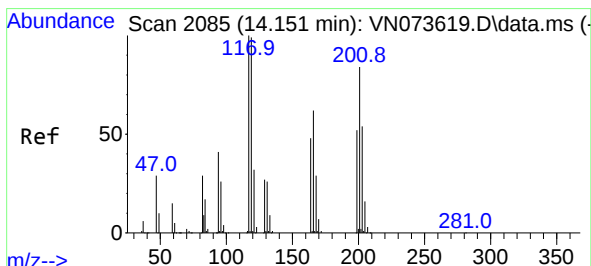
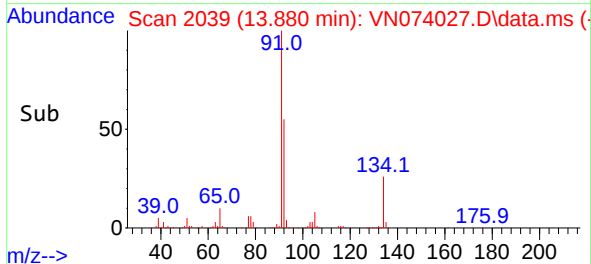
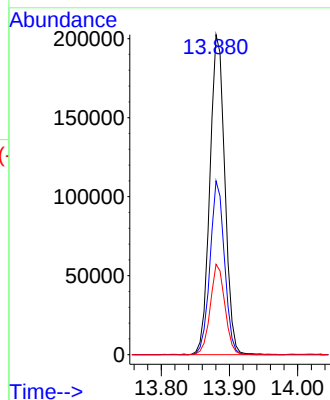
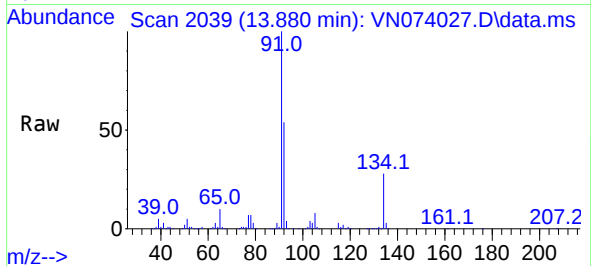




#89
n-Butylbenzene
Concen: 19.957 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

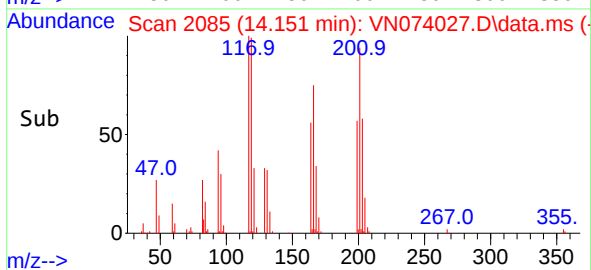
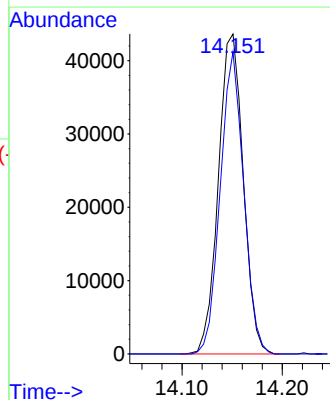
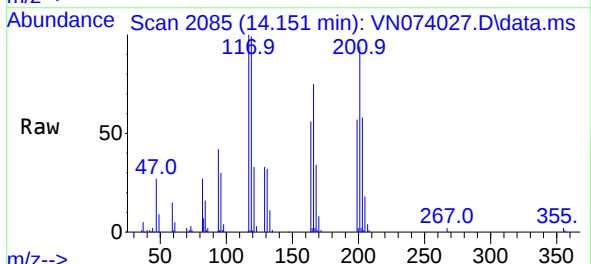
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

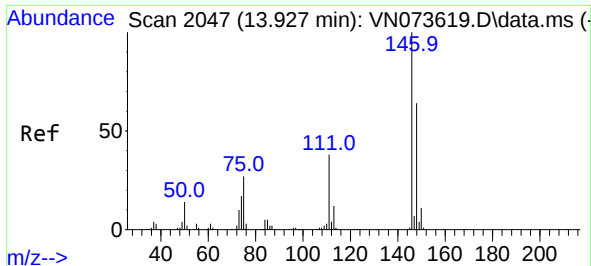
Tgt Ion: 91 Resp: 309358
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.7
134 27.5 13.6 40.8



#90
Hexachloroethane
Concen: 20.969 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion: 117 Resp: 75013
Ion Ratio Lower Upper
117 100
201 88.6 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 20.604 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS02

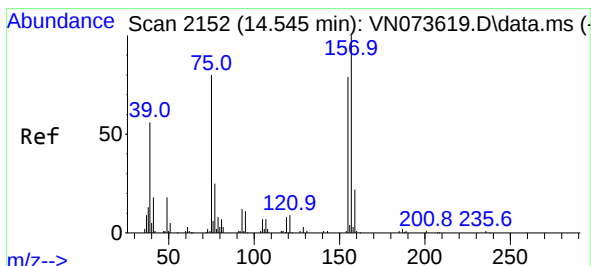
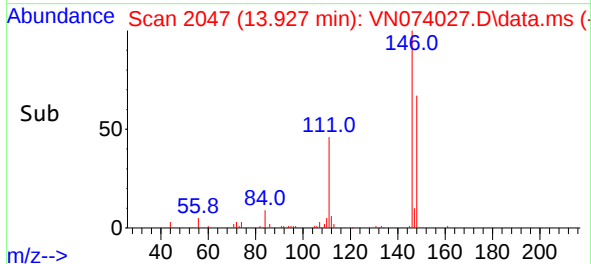
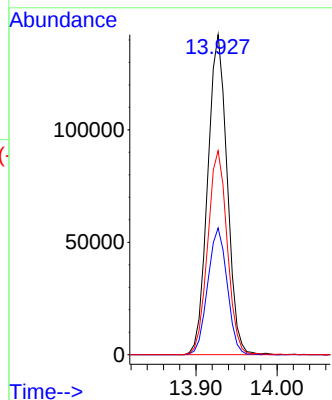
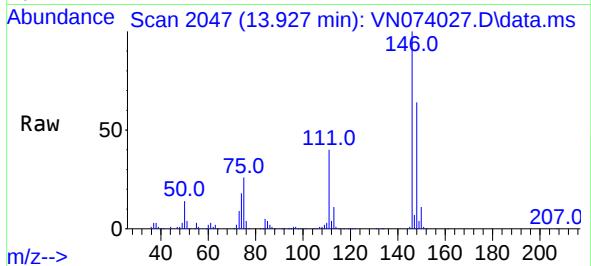
Tgt Ion:146 Resp: 236476

Ion Ratio Lower Upper

146 100

111 39.5 20.9 62.8

148 64.0 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.717 ug/l

RT: 14.539 min Scan# 2151

Delta R.T. -0.006 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

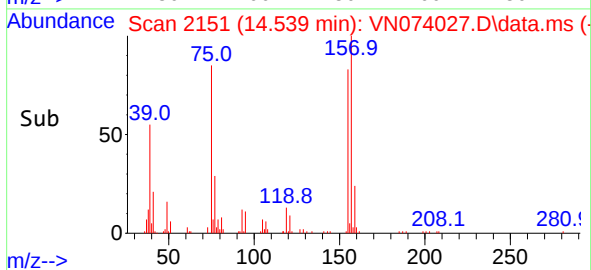
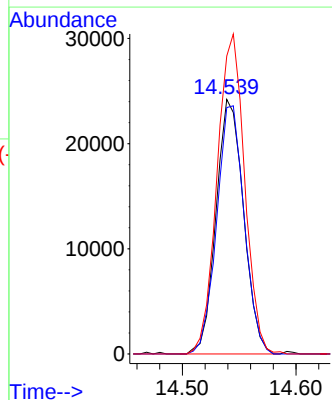
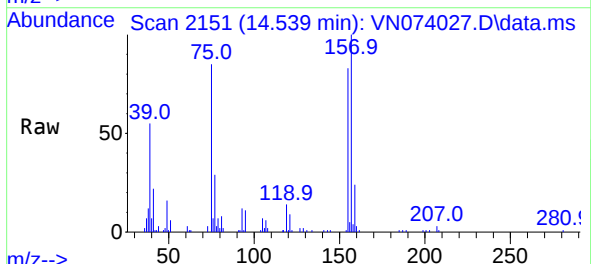
Tgt Ion: 75 Resp: 40742

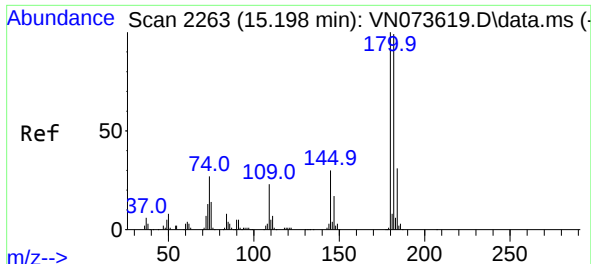
Ion Ratio Lower Upper

75 100

155 97.3 44.9 134.5

157 125.9 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 19.381 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS02

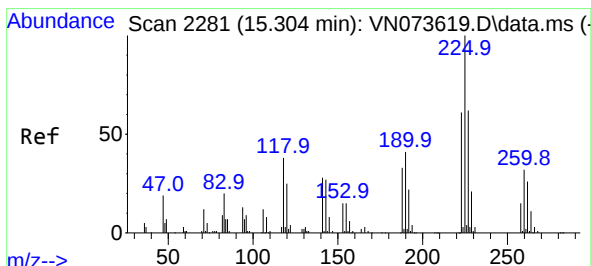
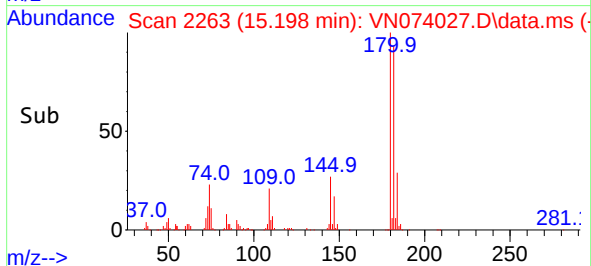
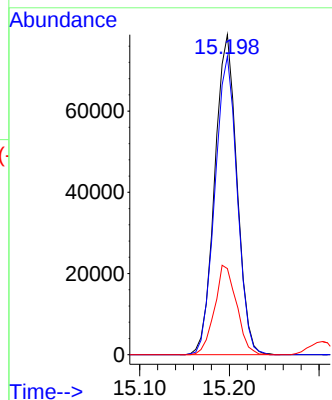
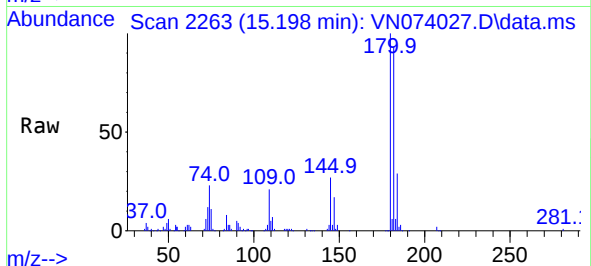
Tgt Ion:180 Resp: 135385

Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.5

145 27.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.283 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. -0.000 min

Lab File: VN074027.D

Acq: 19 Aug 2022 15:24

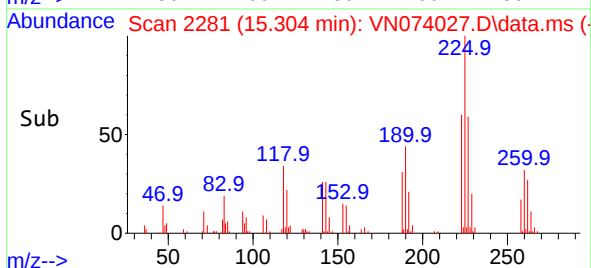
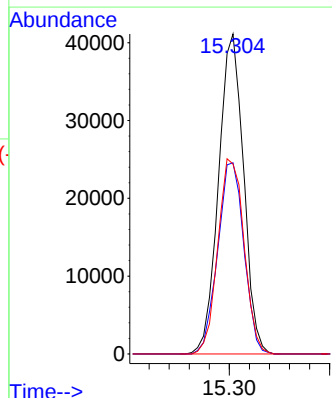
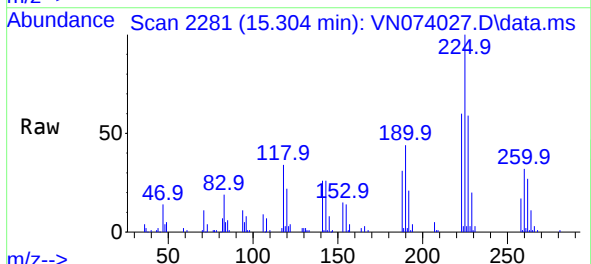
Tgt Ion:225 Resp: 71003

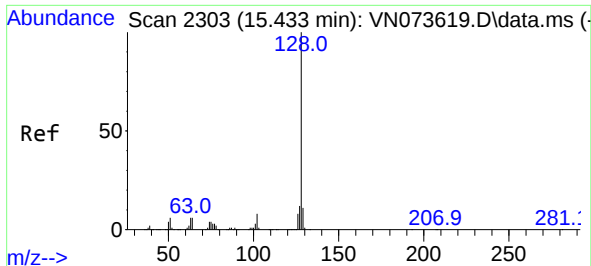
Ion Ratio Lower Upper

225 100

223 62.5 32.4 97.2

227 63.8 31.8 95.4

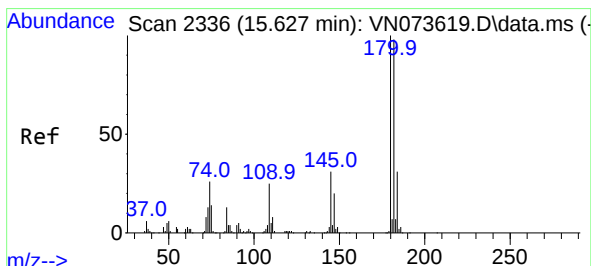
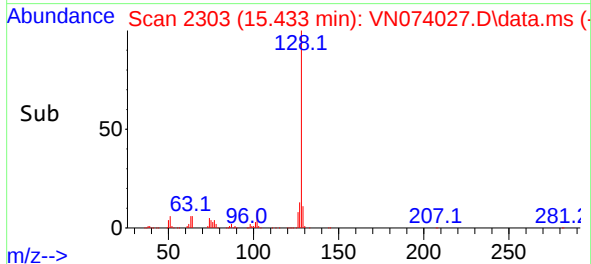
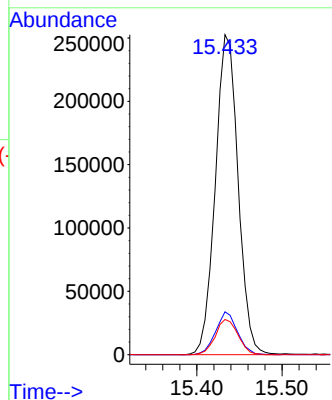
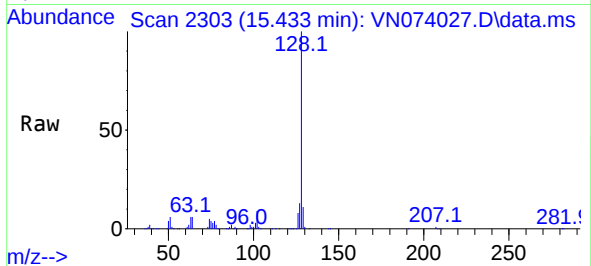




#95
Naphthalene
Concen: 20.589 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS02

Tgt Ion:128 Resp: 468875
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.068 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074027.D
Acq: 19 Aug 2022 15:24

Tgt Ion:180 Resp: 144896
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.3
145 29.2 15.5 46.5

