

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077164.D
 Acq On : 23 Mar 2023 22:10
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 24 04:56:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 04:51:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	38819	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	257180	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	284553	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	123496	33.822	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.733%#			
60) 4-Bromofluorobenzene	12.854	95	143569	26.965	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.900%			
63) Toluene-d8	10.572	98	316326	31.403	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.667%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	13161	2.894	ug/l	90
3) Chloromethane	2.378	50	24490	5.215	ug/l	100
4) Vinyl Chloride	2.525	62	31590	7.068	ug/l	98
5) Bromomethane	2.954	94	20987	7.092	ug/l	94
6) Chloroethane	3.178	64	1709	0.583	ug/l	92
7) Trichlorofluoromethane	3.507	101	43639	5.490	ug/l	99
8) Diethyl Ether	3.972	74	9059	3.101	ug/l	44
9) 1,1,2-Trichlorotrifluo...	4.378	101	24527	5.547	ug/l	92
10) 1,1-Dichloroethene	4.354	96	20617	4.825	ug/l	80
11) Methyl Iodide	4.595	142	11246	2.267	ug/l	83
12) Methyl Acetate	5.042	43	43756	5.890	ug/l	100
13) Acrolein	4.184	56	28615	26.426	ug/l	97
14) Acrylonitrile	5.731	53	64793	26.906	ug/l	76
15) Acetone	4.442	58	10013	15.450	ug/l	96
16) Carbon Disulfide	4.725	76	60354	5.104	ug/l #	94
17) Allyl chloride	5.037	41	33750	5.141	ug/l	95
18) Methylene Chloride	5.290	84	27350	5.393	ug/l	90
19) trans-1,2-Dichloroethene	5.795	96	22500	4.998	ug/l	87
20) Diisopropyl ether	6.678	45	78473	5.270	ug/l #	96
21) 1,1-Dichloroethane	6.584	63	49121	5.602	ug/l #	96
22) cis-1,2-Dichloroethene	7.501	96	26118	5.034	ug/l #	85
23) tert-Butyl Alcohol	5.531	59	2057	2.866	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	28428	2.021	ug/l #	71
25) Chloroform	7.978	83	46211	5.144	ug/l	100
26) Cyclohexane	8.266	56	36102	4.595	ug/l #	97
29) 1,1-Dichloropropene	8.372	75	30904	4.970	ug/l	99
30) 2-Butanone	7.489	43	88304	29.466	ug/l	98
31) 2,2-Dichloropropane	7.495	77	32103	5.294	ug/l #	66
32) 1,1,1-Trichloroethane	8.172	97	39853	5.470	ug/l #	88
33) Carbon Tetrachloride	8.366	117	31497	4.918	ug/l	98
34) Benzene	8.613	78	103845	5.441	ug/l #	91
35) Methacrylonitrile	7.778	41	8845	2.636	ug/l	82
36) 1,2-Dichloroethane	8.678	62	37456	5.721	ug/l #	90
37) Trichloroethene	9.354	130	22206	4.811	ug/l	99
38) Methylcyclohexane	9.607	83	34414	4.531	ug/l	96
39) 1,2-Dichloropropane	9.625	63	27472	5.570	ug/l	92
40) Dibromomethane	9.707	93	17557	5.576	ug/l	93
41) Bromodichloromethane	9.889	83	34359	5.341	ug/l #	97
42) Vinyl Acetate	6.613	43	258697	28.223	ug/l	99

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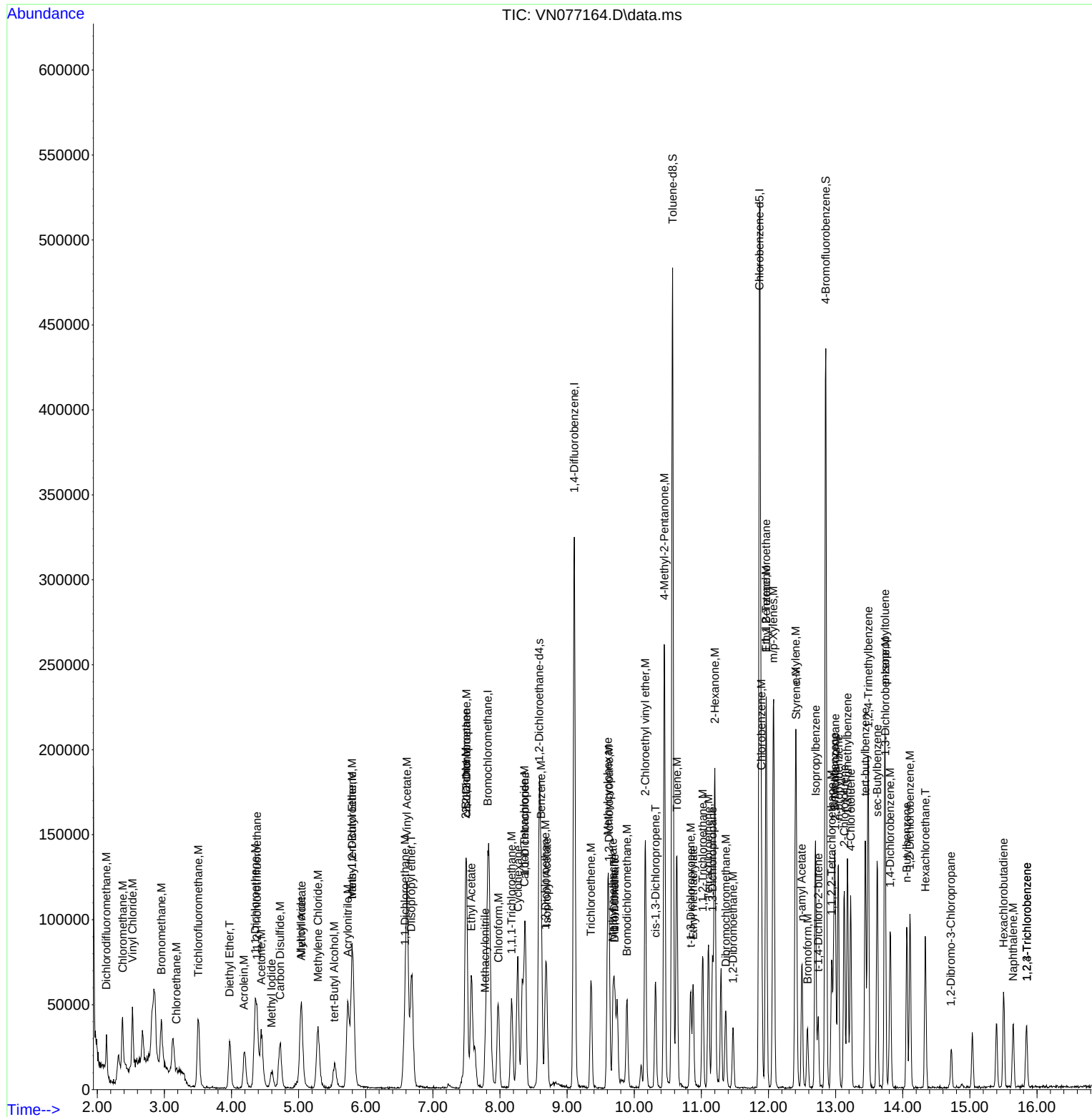
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43) Ethyl Acetate	7.572	43	36265	6.034	ug/l #	84
44) Isopropyl Acetate	8.695	43	55795	5.741	ug/l	97
45) 1,4-Dioxane	9.701	88	8242	100.211	ug/l	91
46) Methyl methacrylate	9.683	41	21500	4.570	ug/l	93
47) n-amyl Acetate	12.495	43	40899	5.201	ug/l	93
48) t-1,3-Dichloropropene	10.842	75	30961	4.824	ug/l	97
49) cis-1,3-Dichloropropene	10.319	75	35648	4.917	ug/l #	93
50) 1,1,2-Trichloroethane	11.019	97	23598	5.131	ug/l	99
51) Ethyl methacrylate	10.877	69	28731	4.271	ug/l	89
52) 1,3-Dichloropropane	11.166	76	42838	5.410	ug/l	95
53) Dibromochloromethane	11.366	129	22656	4.863	ug/l	99
54) 1,2-Dibromoethane	11.471	107	22019	4.976	ug/l	92
55) 2-Chloroethyl vinyl ether	10.166	63	64398	26.255	ug/l	96
56) Bromoform	12.583	173	14973	4.822	ug/l	97
58) 4-Methyl-2-Pentanone	10.448	43	179739	29.067	ug/l	99
59) 2-Hexanone	11.201	43	127822	28.952	ug/l	95
61) Tetrachloroethene	11.107	164	18788	4.285	ug/l #	91
62) Toluene	10.636	91	104590	5.221	ug/l	98
64) Chlorobenzene	11.895	112	60756	5.166	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.966	131	21843	4.931	ug/l	93
66) Ethyl Benzene	11.966	91	96156	4.447	ug/l	98
67) m/p-Xylenes	12.071	106	74786	9.135	ug/l	99
68) o-Xylene	12.407	106	37173	4.648	ug/l	96
69) Styrene	12.413	104	54899	4.256	ug/l	98
70) Isopropylbenzene	12.701	105	90707	4.366	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.942	83	35184	5.448	ug/l	93
72) 1,2,3-Trichloropropane	12.995	75	42797	7.205	ug/l	65
73) Bromobenzene	12.983	156	21912	4.653	ug/l	89
74) n-propylbenzene	13.042	91	100961	4.143	ug/l	99
75) 2-Chlorotoluene	13.130	91	67162	4.454	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	70919	3.958	ug/l	98
77) t-1,4-Dichloro-2-butene	12.742	75	7630	4.306	ug/l	64
78) 4-Chlorotoluene	13.224	91	60256	4.153	ug/l	96
79) tert-butylbenzene	13.442	119	62335	4.153	ug/l	91
80) 1,2,4-Trimethylbenzene	13.489	105	69049	3.937	ug/l	97
81) sec-Butylbenzene	13.618	105	86783	4.065	ug/l	100
82) p-Isopropyltoluene	13.736	119	62758	3.652	ug/l	96
83) 1,3-Dichlorobenzene	13.742	146	35924	4.135	ug/l	92
84) 1,4-Dichlorobenzene	13.812	146	36176	4.307	ug/l	96
85) n-Butylbenzene	14.060	91	50587	3.494	ug/l	95
86) Hexachloroethane	14.336	117	15719	5.025	ug/l	96
87) 1,2-Dichlorobenzene	14.107	146	38436	4.449	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	6012	4.825	ug/l	91
89) 1,2,4-Trichlorobenzene	15.848	180	12015	2.726	ug/l	97
90) Hexachlorobutadiene	15.501	225	10693	4.501	ug/l	93
91) Naphthalene	15.642	128	30827	2.203	ug/l #	95
92) 1,2,3-Trichlorobenzene	15.848	180	12072	2.731	ug/l	98

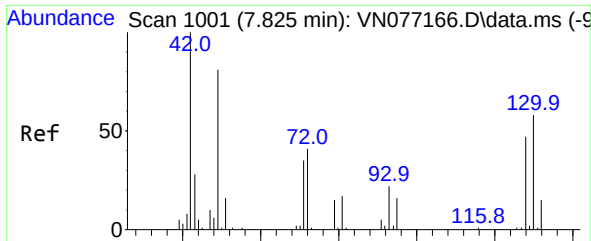
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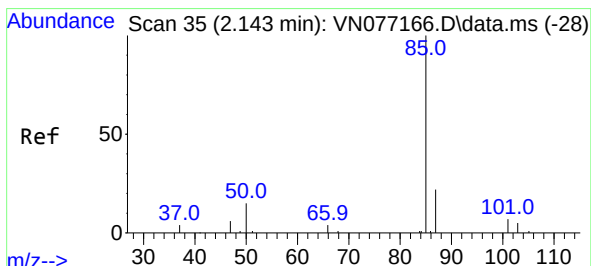
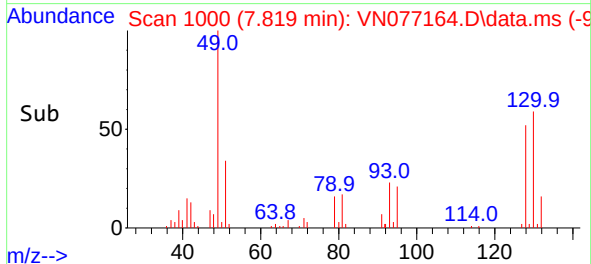
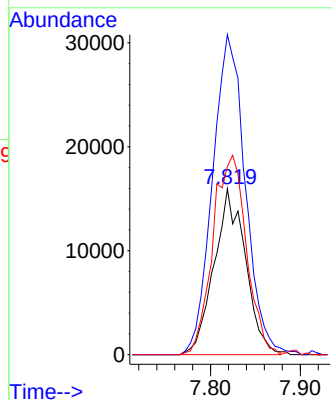
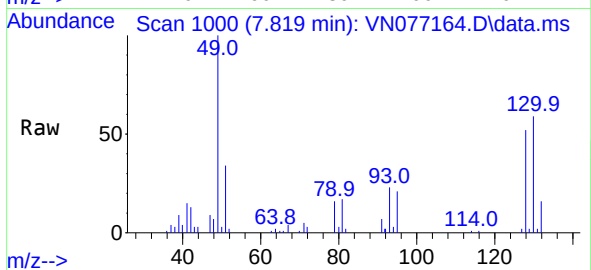




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077164.D
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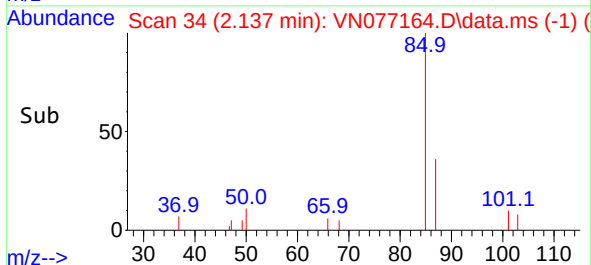
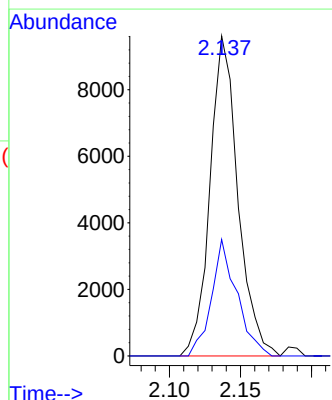
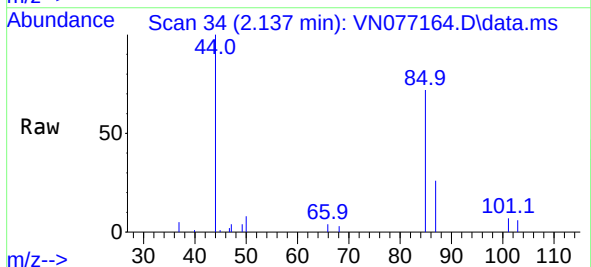
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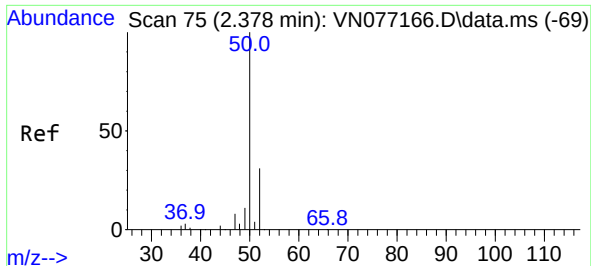
Tgt Ion:128 Resp: 38819
Ion Ratio Lower Upper
128 100
49 201.3 0.0 461.8
130 128.2 0.0 295.3



#2
Dichlorodifluoromethane
Concen: 2.894 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 85 Resp: 13161
Ion Ratio Lower Upper
85 100
87 36.4 15.4 46.1

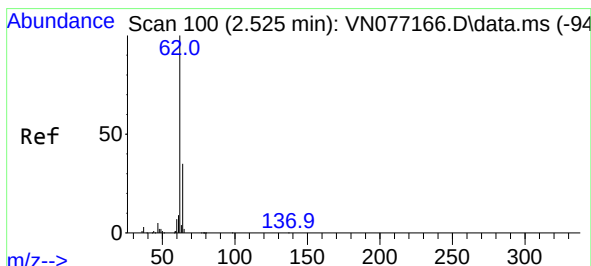
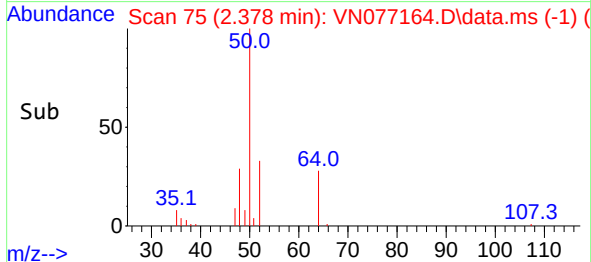
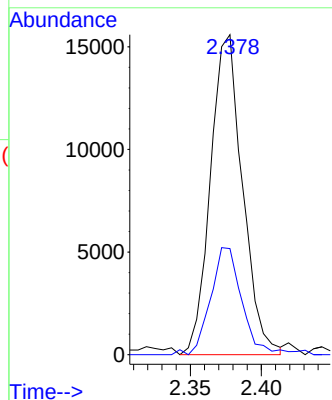
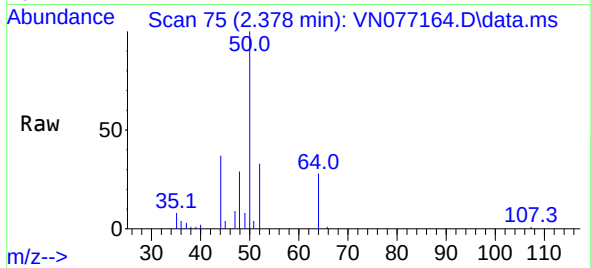




#3
Chloromethane
Concen: 5.215 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

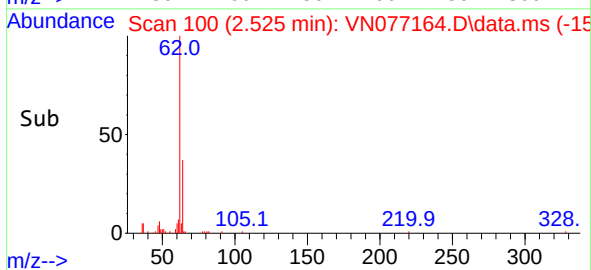
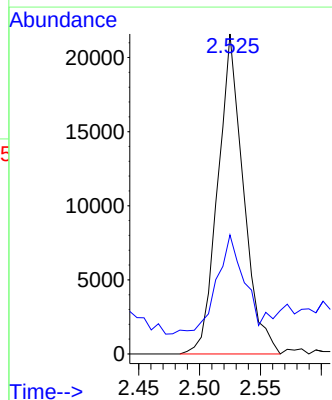
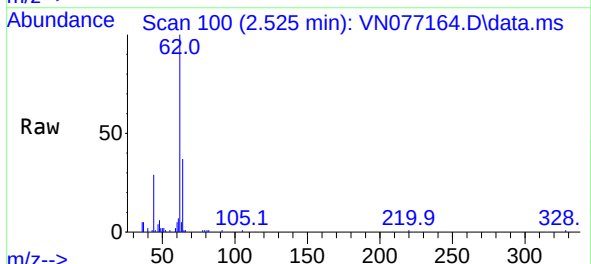
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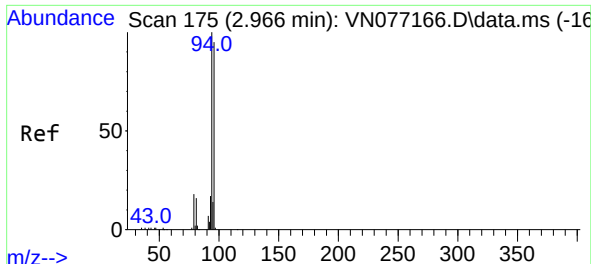
Tgt Ion: 50 Resp: 24490
Ion Ratio Lower Upper
50 100
52 31.6 25.3 37.9



#4
Vinyl Chloride
Concen: 7.068 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 62 Resp: 31590
Ion Ratio Lower Upper
62 100
64 29.8 23.1 34.7

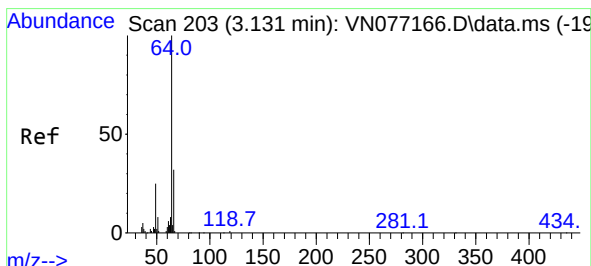
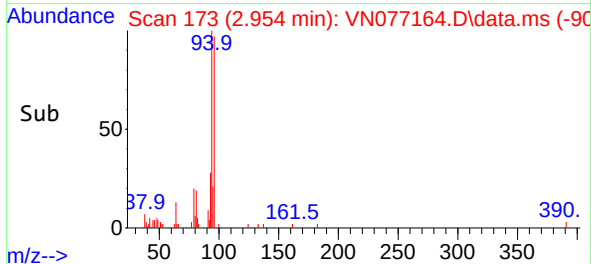
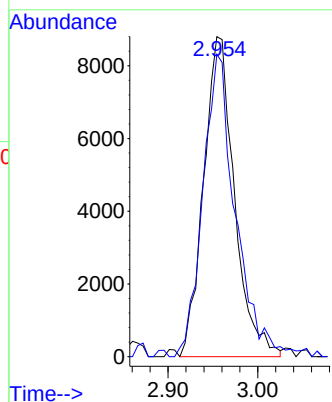
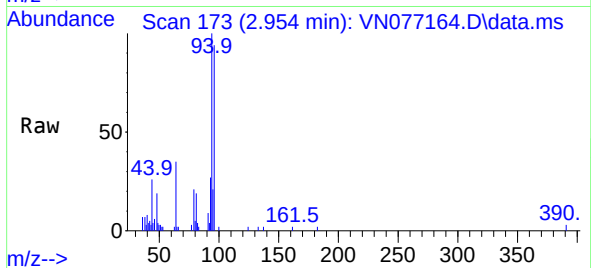




#5
Bromomethane
Concen: 7.092 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

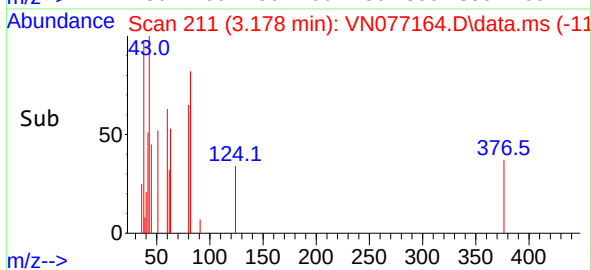
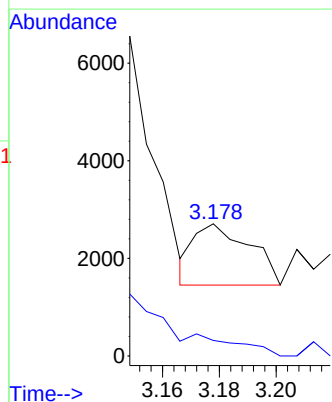
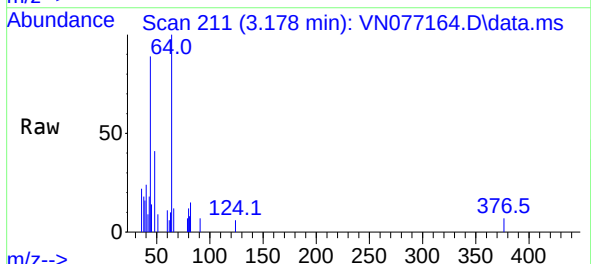
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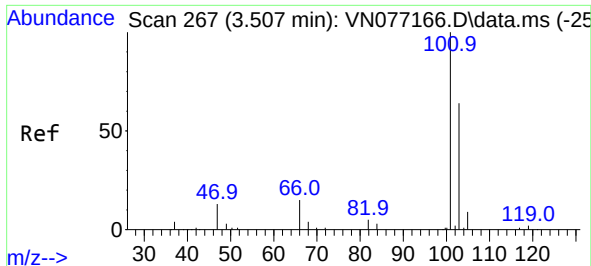
Tgt Ion: 94 Resp: 20987
Ion Ratio Lower Upper
94 100
96 91.7 68.6 103.0



#6
Chloroethane
Concen: 0.583 ug/l
RT: 3.178 min Scan# 211
Delta R.T. 0.047 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 64 Resp: 1709
Ion Ratio Lower Upper
64 100
66 25.3 23.8 35.6

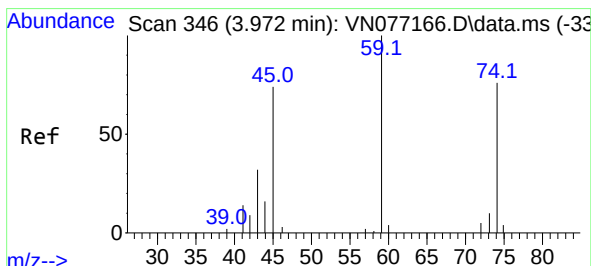
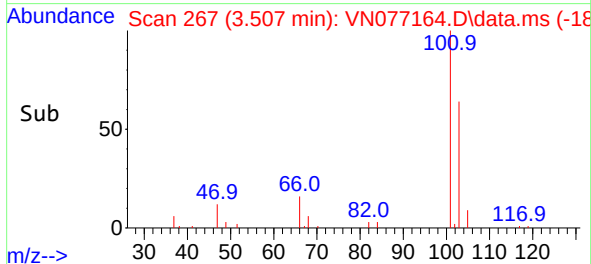
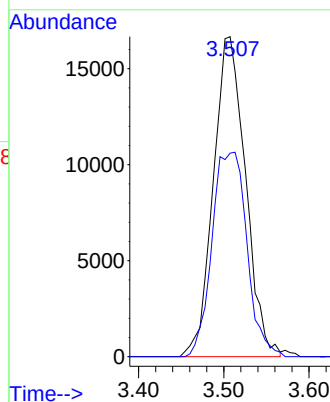
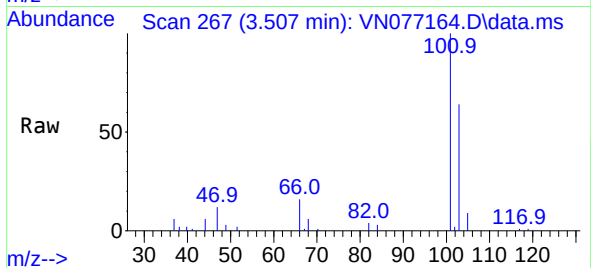




#7
 Trichlorofluoromethane
 Concen: 5.490 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. -0.000 min
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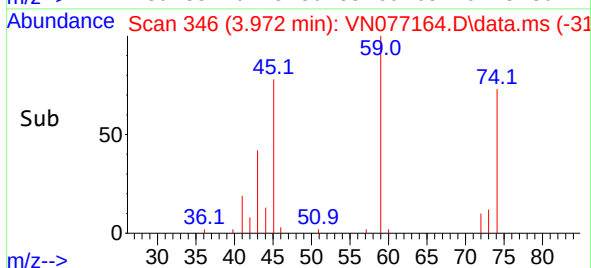
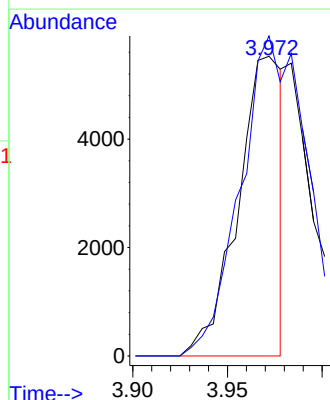
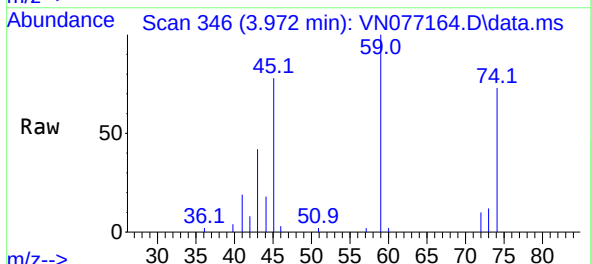
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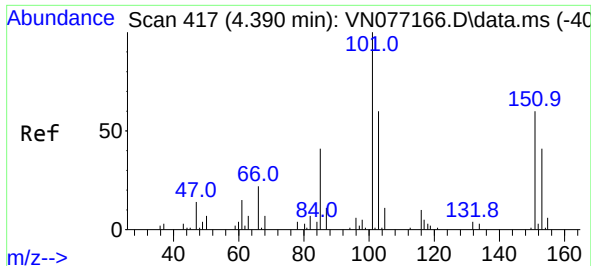
Tgt Ion:101 Resp: 43639
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.2 75.2



#8
 Diethyl Ether
 Concen: 3.101 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077164.D
 Acq: 23 Mar 2023 22:10

Tgt Ion: 74 Resp: 9059
 Ion Ratio Lower Upper
 74 100
 45 165.1 21.4 193.0

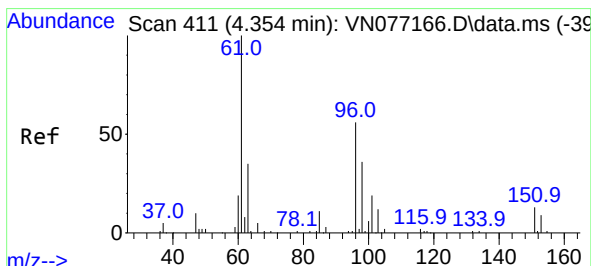
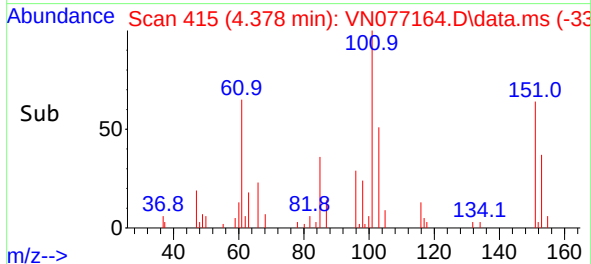
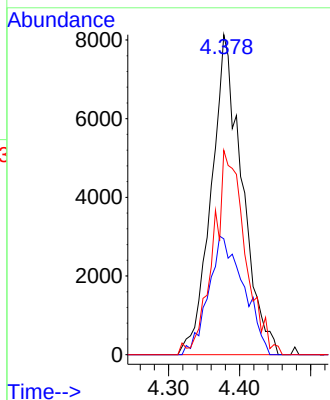
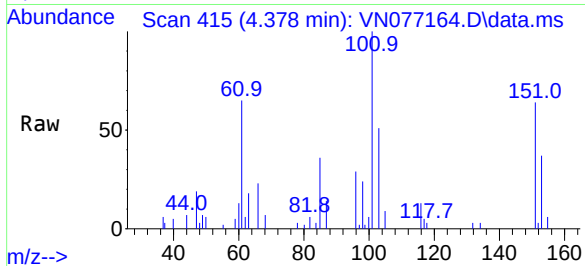




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.547 ug/l
RT: 4.378 min Scan# 417
Delta R.T. -0.012 min
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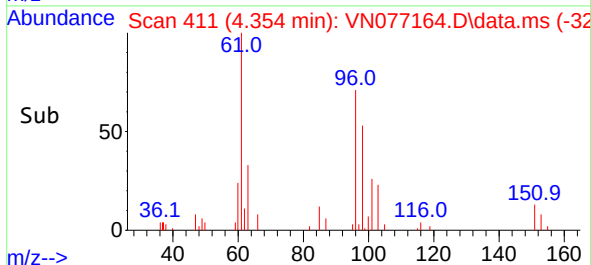
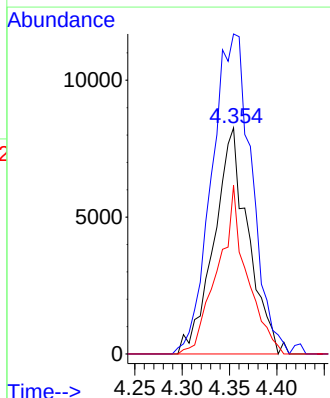
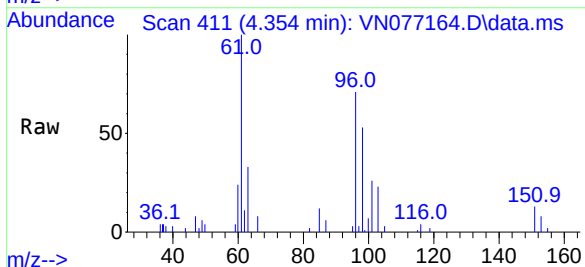
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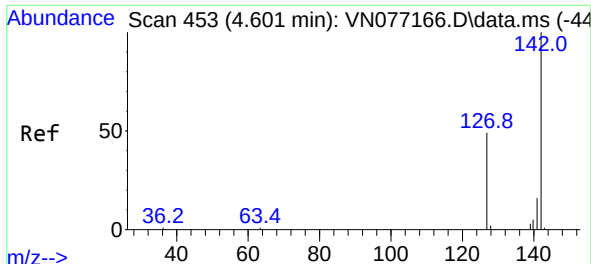
Tgt Ion:101 Resp: 24527
Ion Ratio Lower Upper
101 100
85 42.3 0.0 95.2
151 64.8 0.0 142.2



#10
1,1-Dichloroethene
Concen: 4.825 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 96 Resp: 20617
Ion Ratio Lower Upper
96 100
61 138.8 137.1 205.7
98 74.5 53.2 79.8

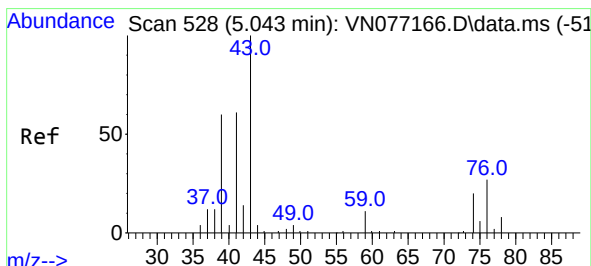
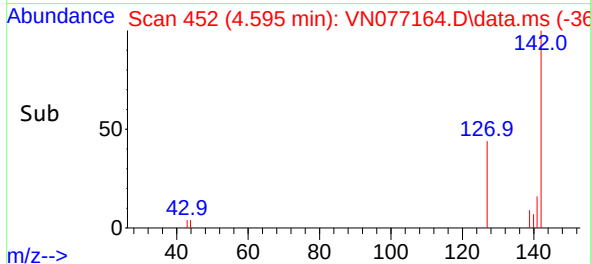
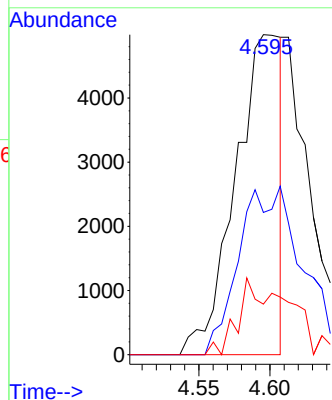
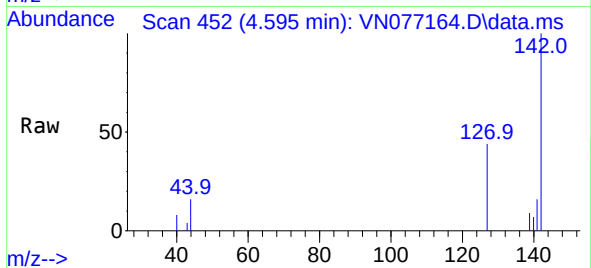




#11
Methyl Iodide
Concen: 2.267 ug/l
RT: 4.595 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

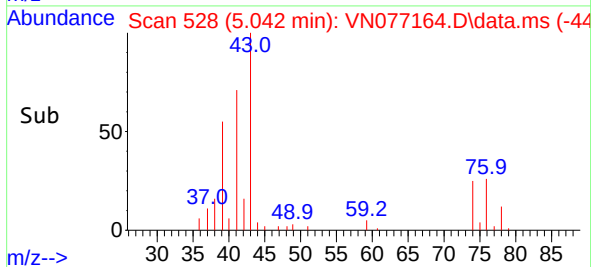
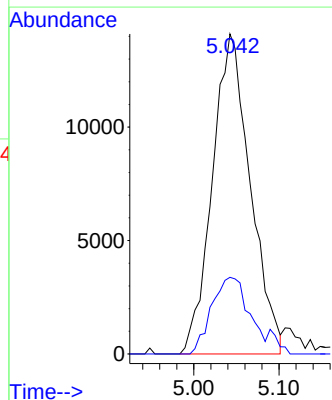
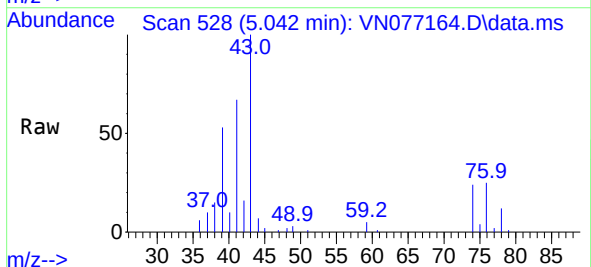
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

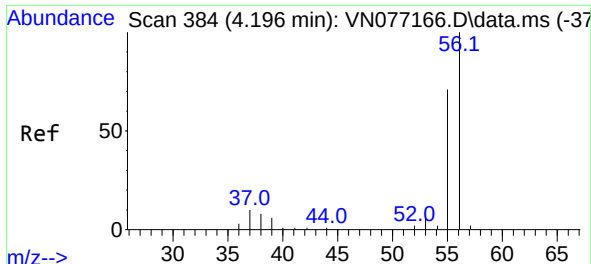
Tgt Ion:142 Resp: 11246
Ion Ratio Lower Upper
142 100
127 36.0 25.0 75.0
141 13.5 8.0 24.0



#12
Methyl Acetate
Concen: 5.890 ug/l
RT: 5.042 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 43 Resp: 43756
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.4

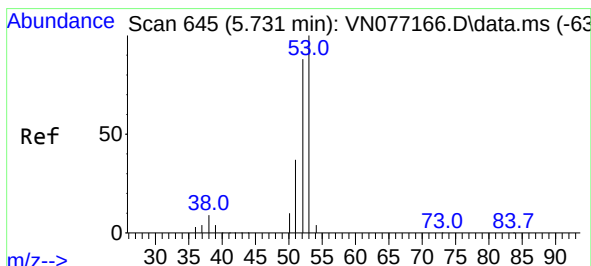
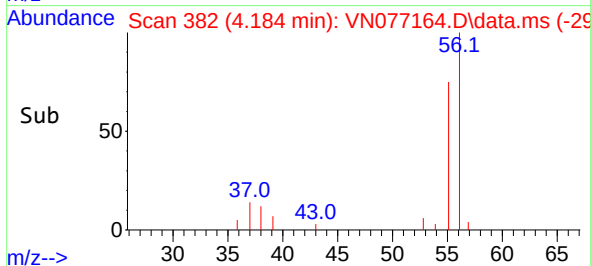
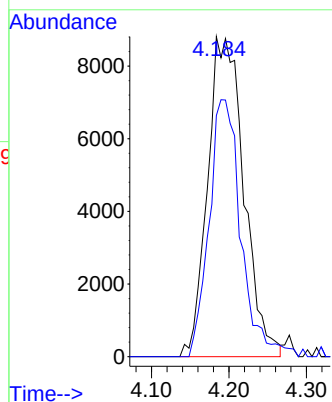
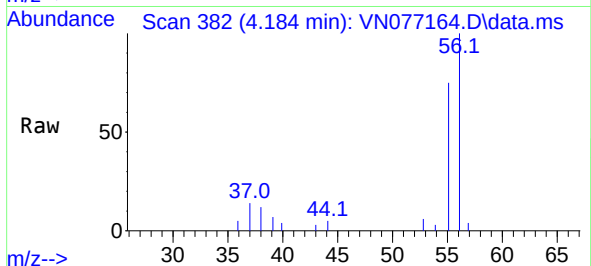




#13
Acrolein
Concen: 26.426 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.012 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

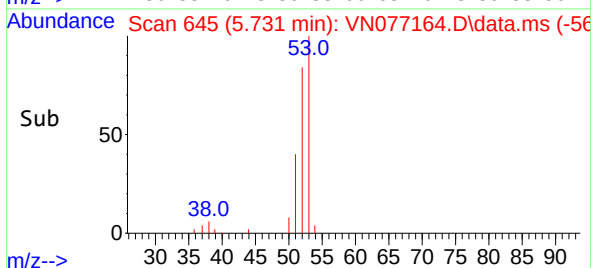
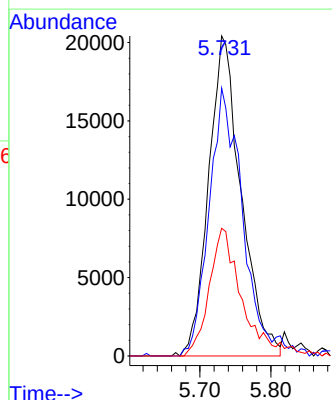
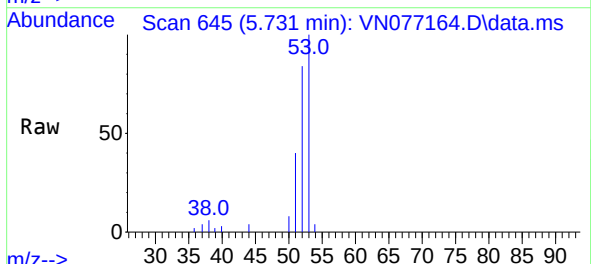
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

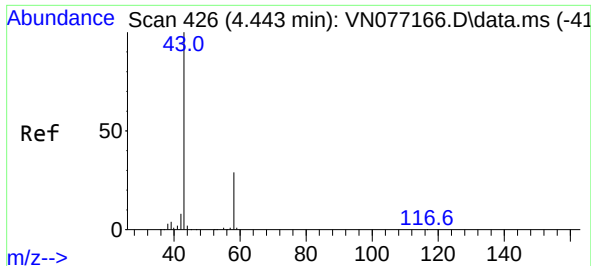
Tgt Ion: 56 Resp: 28615
Ion Ratio Lower Upper
56 100
55 65.9 55.0 82.4



#14
Acrylonitrile
Concen: 26.906 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 53 Resp: 64793
Ion Ratio Lower Upper
53 100
52 53.4 41.5 124.6
51 36.5 17.6 52.8





#15

Acetone

Concen: 15.450 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077164.D

Acq: 23 Mar 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

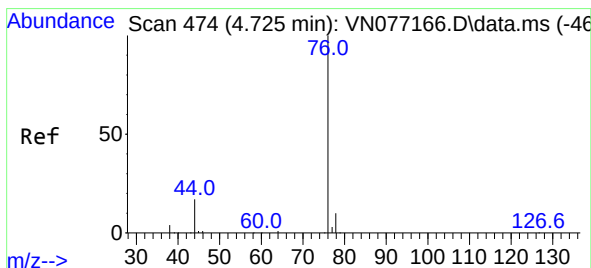
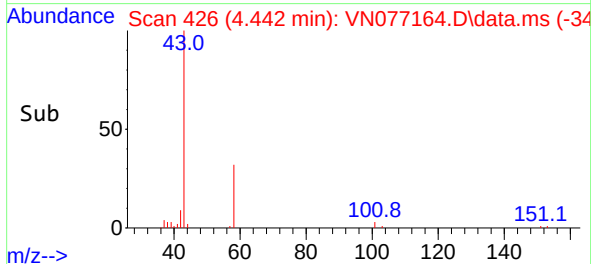
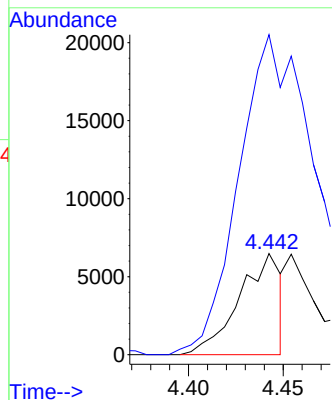
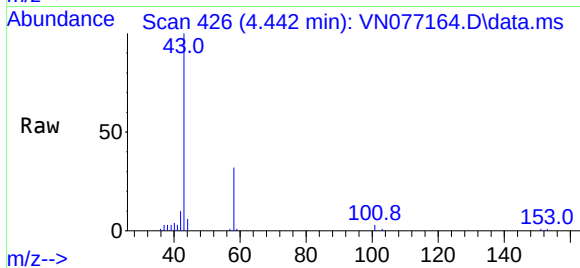
VSTDIC005

Tgt Ion: 58 Resp: 10013

Ion Ratio Lower Upper

58 100

43 310.9 255.4 383.0



#16

Carbon Disulfide

Concen: 5.104 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.000 min

Lab File: VN077164.D

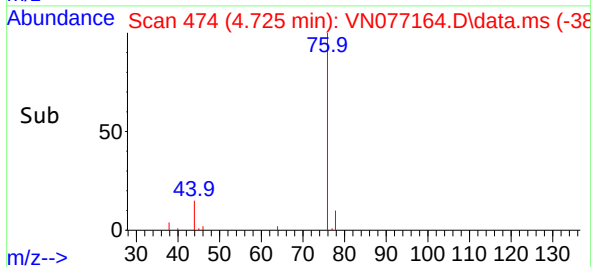
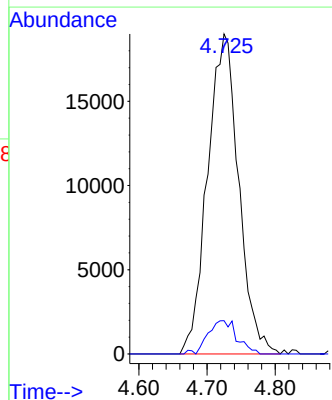
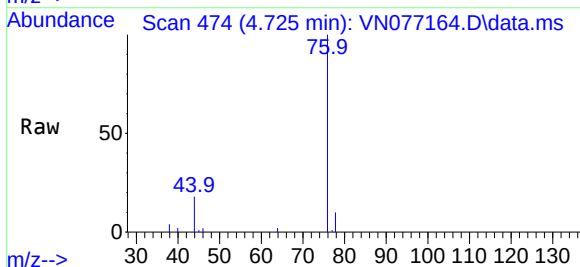
Acq: 23 Mar 2023 22:10

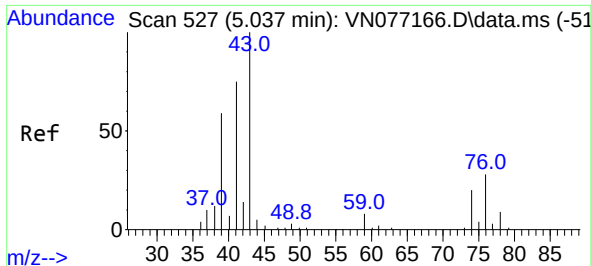
Tgt Ion: 76 Resp: 60354

Ion Ratio Lower Upper

76 100

78 10.4 6.6 9.8#

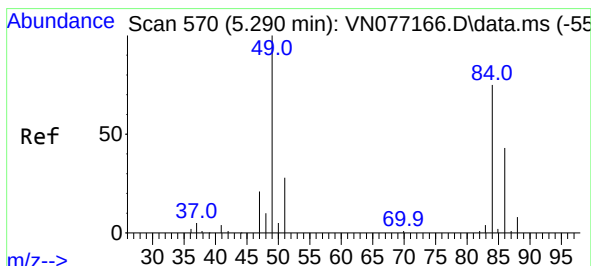
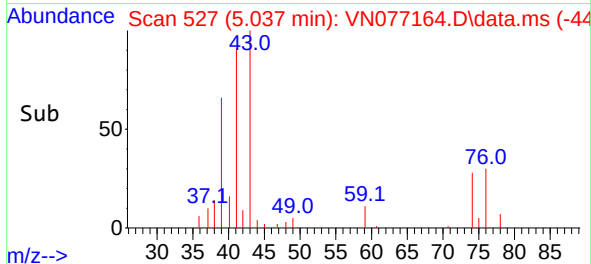
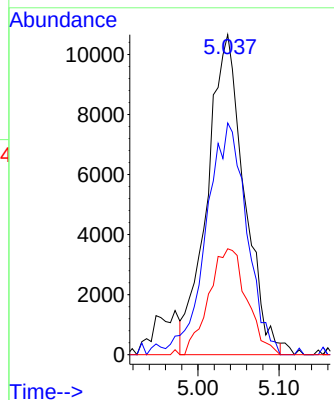
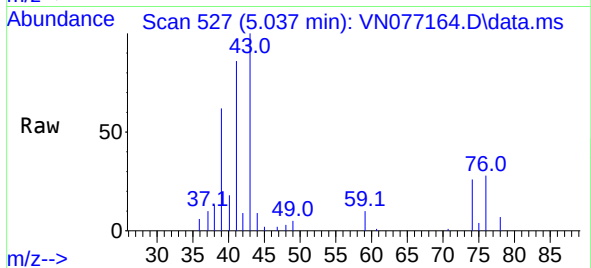




#17
 Allyl chloride
 Concen: 5.141 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077164.D
 Acq: 23 Mar 2023 22:10

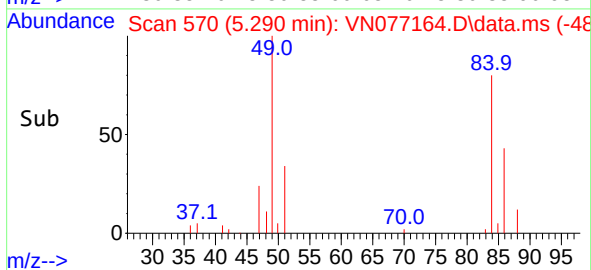
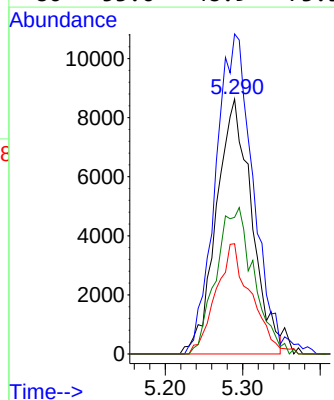
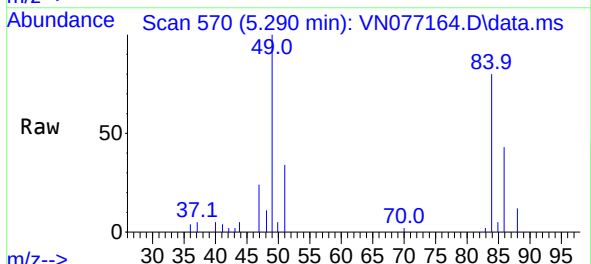
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

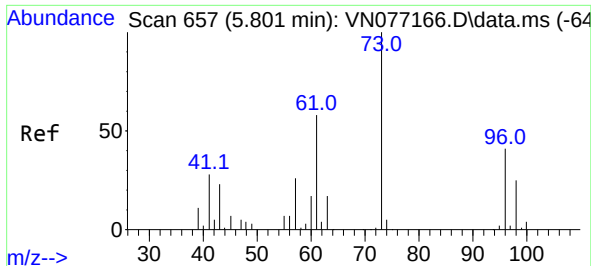
Tgt Ion:	41	Resp:	33750
Ion	Ratio	Lower	Upper
41	100		
39	75.1	34.8	104.3
76	34.3	17.5	52.5



#18
 Methylene Chloride
 Concen: 5.393 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077164.D
 Acq: 23 Mar 2023 22:10

Tgt Ion:	84	Resp:	27350
Ion	Ratio	Lower	Upper
84	100		
49	125.5	113.8	170.6
51	43.2	34.2	51.4
86	53.6	48.9	73.3





#19

trans-1,2-Dichloroethene

Concen: 4.998 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077164.D

Acq: 23 Mar 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

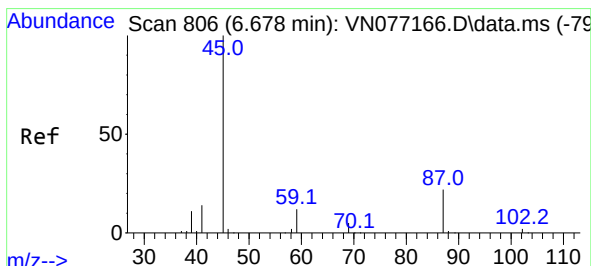
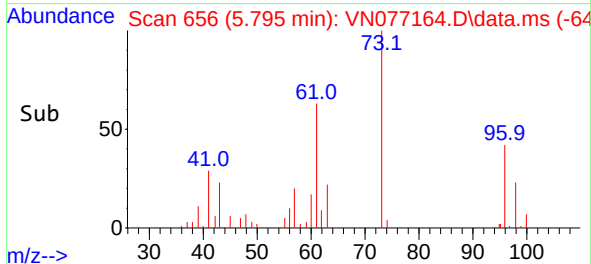
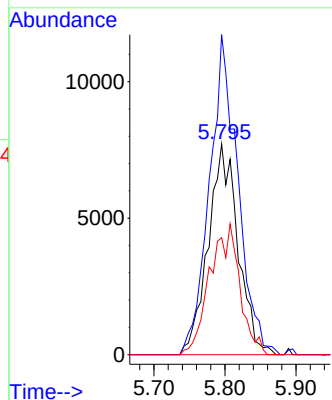
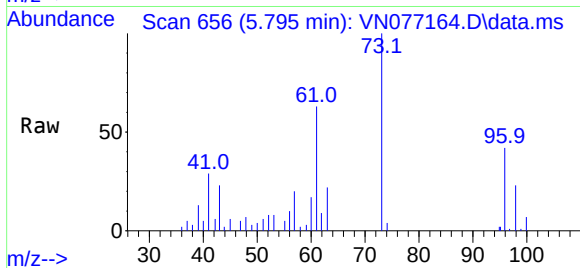
Tgt Ion: 96 Resp: 22500

Ion Ratio Lower Upper

96 100

61 151.9 111.0 166.4

98 55.5 55.0 82.6



#20

Diisopropyl ether

Concen: 5.270 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN077164.D

Acq: 23 Mar 2023 22:10

Tgt Ion: 45 Resp: 78473

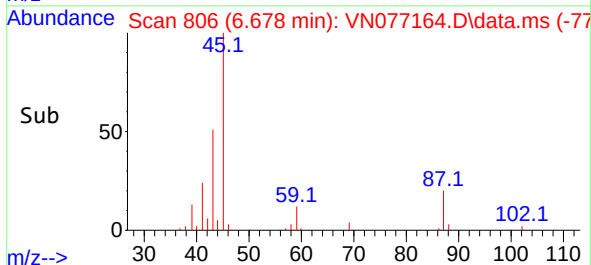
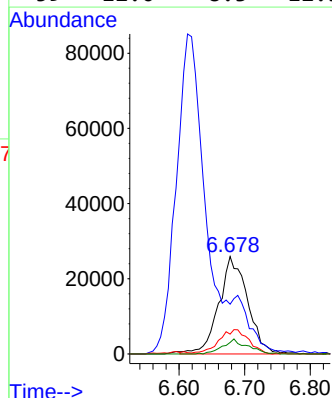
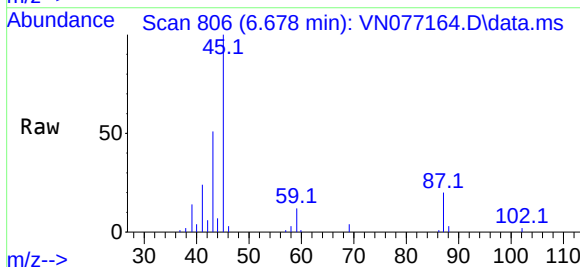
Ion Ratio Lower Upper

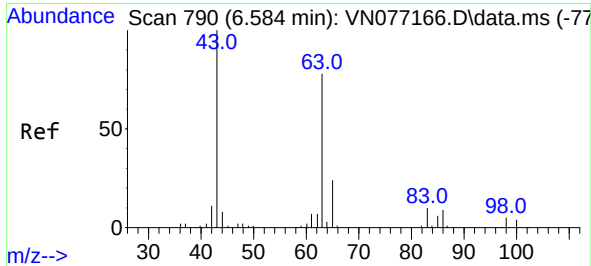
45 100

43 48.4 38.6 58.0

87 19.9 20.1 30.1#

59 12.0 8.3 12.5

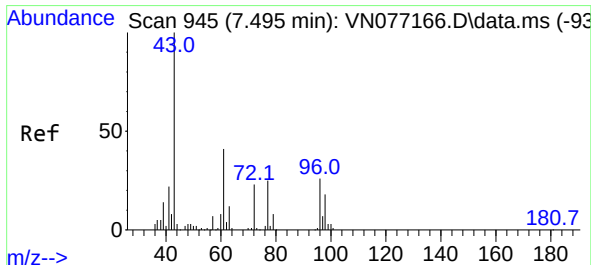
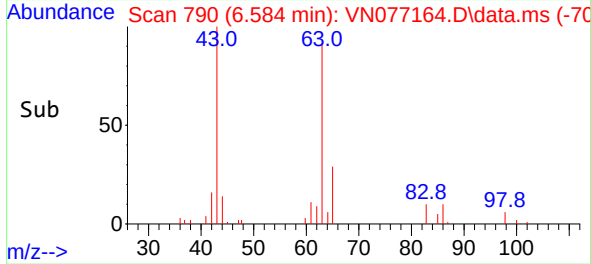
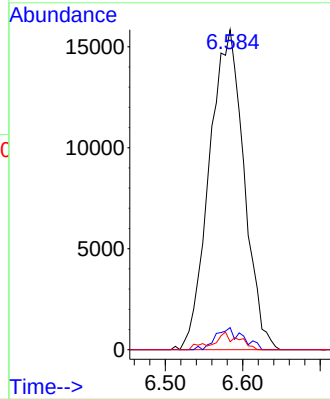
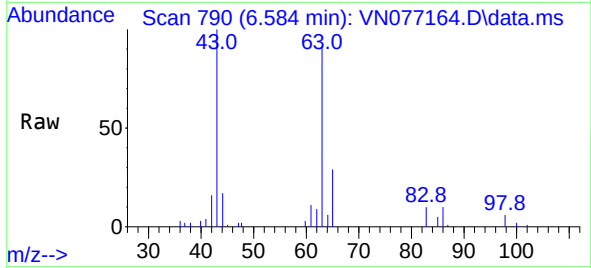




#21
1,1-Dichloroethane
Concen: 5.602 ug/l
RT: 6.584 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

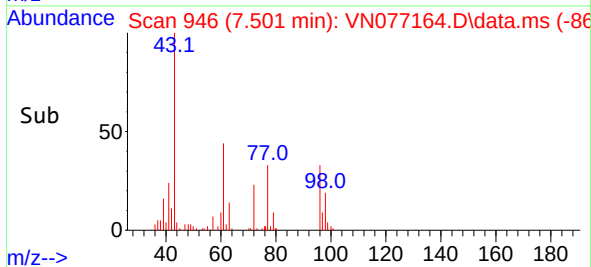
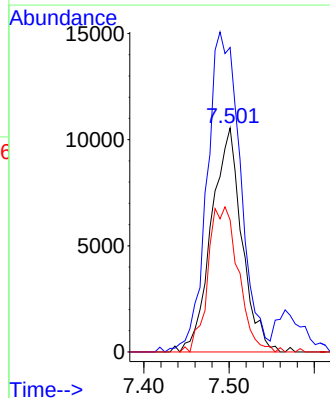
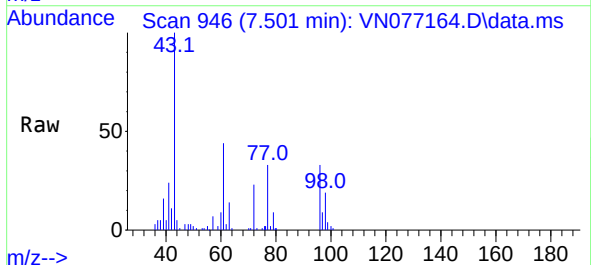
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

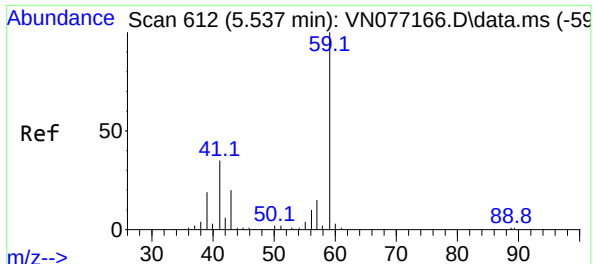
Tgt Ion: 63 Resp: 49121
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.9
100 2.5 2.6 7.8#



#22
cis-1,2-Dichloroethene
Concen: 5.034 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 96 Resp: 26118
Ion Ratio Lower Upper
96 100
61 156.5 121.0 181.4
98 30.1 50.1 75.1#





#23

tert-Butyl Alcohol

Concen: 2.866 ug/l

RT: 5.531 min Scan# 611

Delta R.T. -0.006 min

Lab File: VN077164.D

Acq: 23 Mar 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

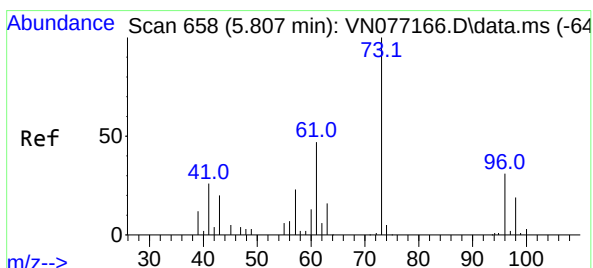
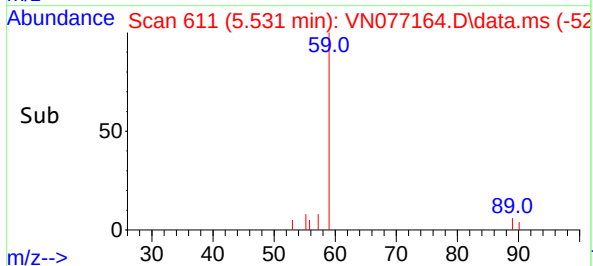
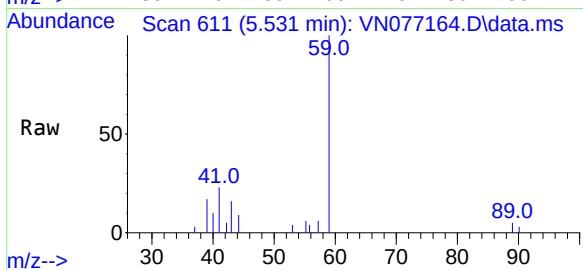
VSTDICC005

Tgt Ion: 59 Resp: 2057

Ion Ratio Lower Upper

59 100

52 0.0 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 2.021 ug/l

RT: 5.795 min Scan# 656

Delta R.T. -0.012 min

Lab File: VN077164.D

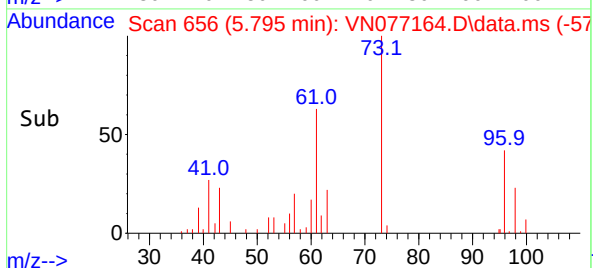
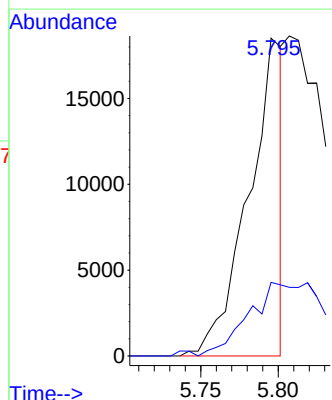
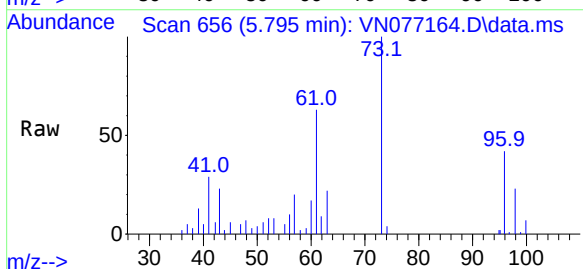
Acq: 23 Mar 2023 22:10

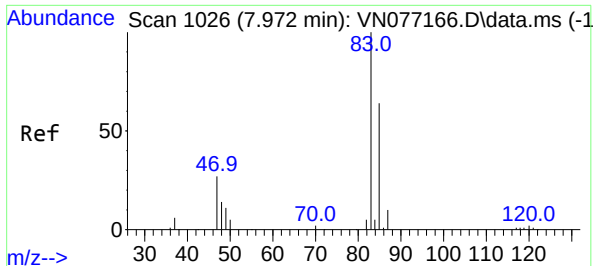
Tgt Ion: 73 Resp: 28428

Ion Ratio Lower Upper

73 100

43 8.3 17.8 26.6#





#25

Chloroform

Concen: 5.144 ug/l

RT: 7.978 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN077164.D

Acq: 23 Mar 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

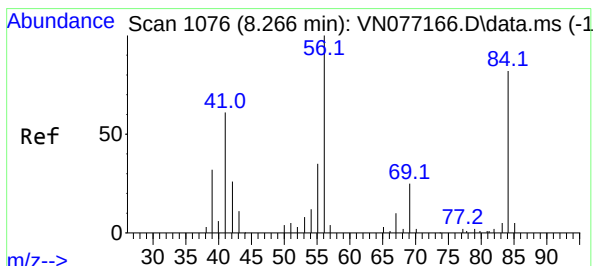
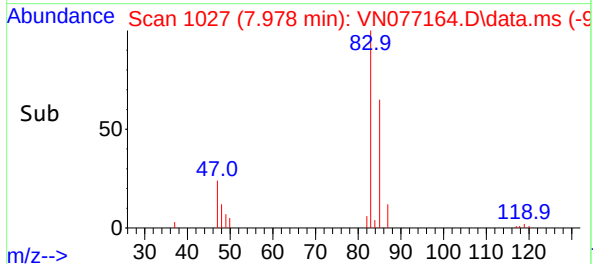
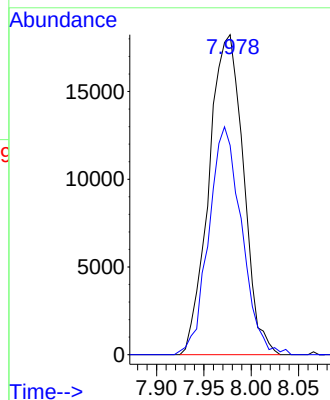
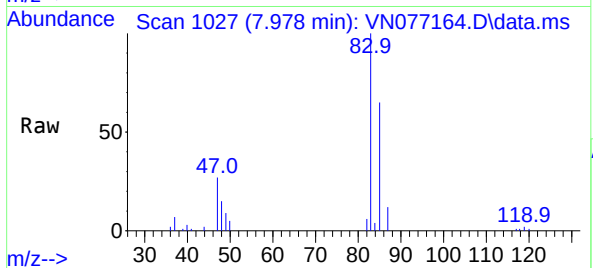
VSTDICC005

Tgt Ion: 83 Resp: 46211

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.6



#26

Cyclohexane

Concen: 4.595 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN077164.D

Acq: 23 Mar 2023 22:10

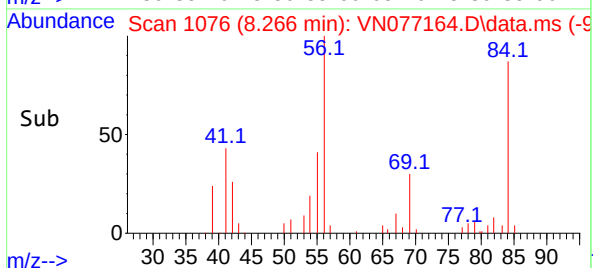
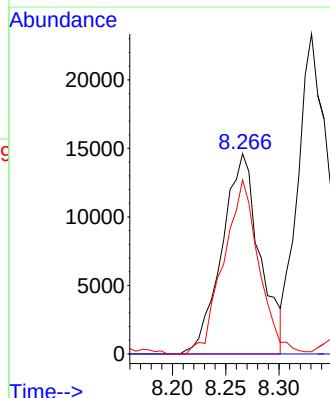
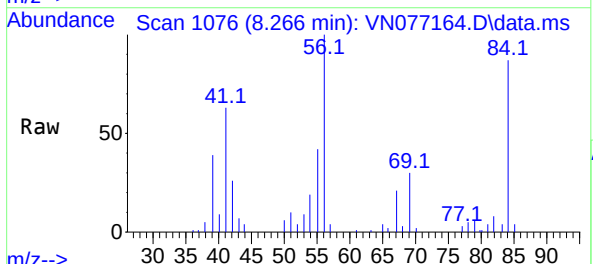
Tgt Ion: 56 Resp: 36102

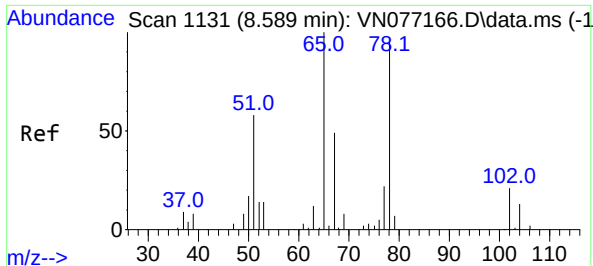
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 79.1 65.3 97.9

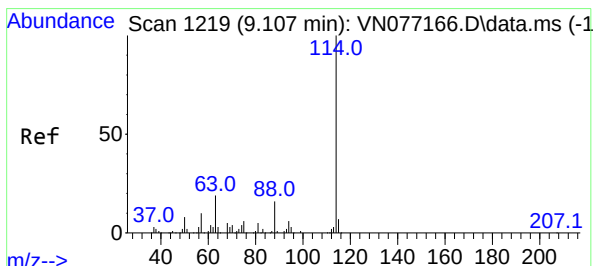
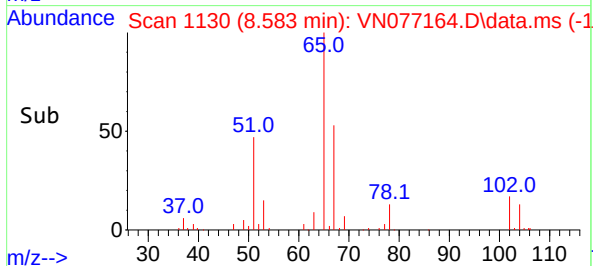
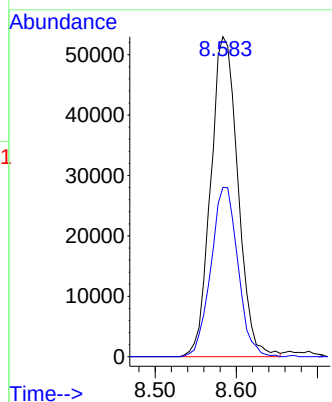
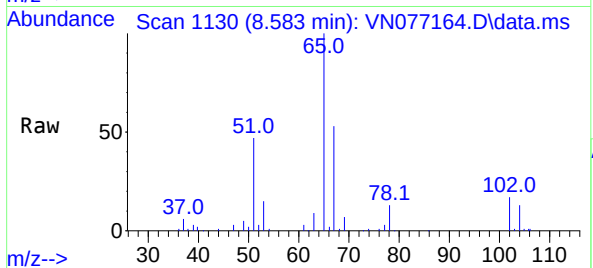




#27
1,2-Dichloroethane-d4
Concen: 33.822 ug/l
RT: 8.583 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

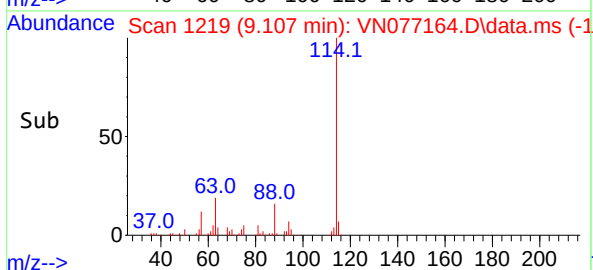
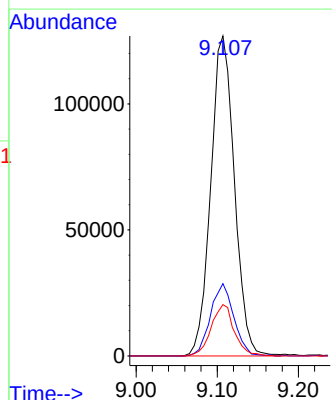
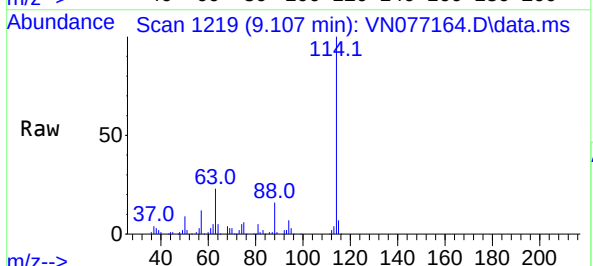
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

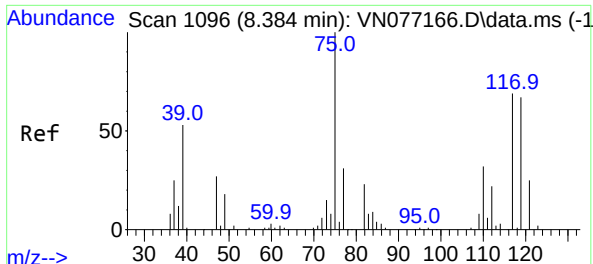
Tgt Ion: 65 Resp: 123496
Ion Ratio Lower Upper
65 100
67 52.4 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 114 Resp: 257180
Ion Ratio Lower Upper
114 100
63 22.2 17.0 25.4
88 15.7 11.6 17.4

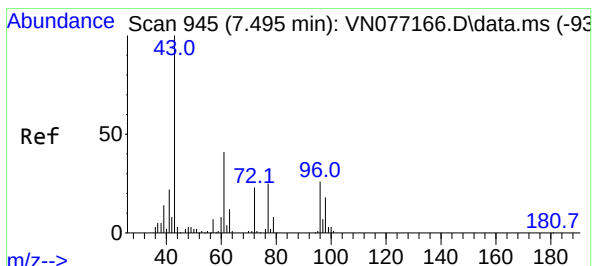
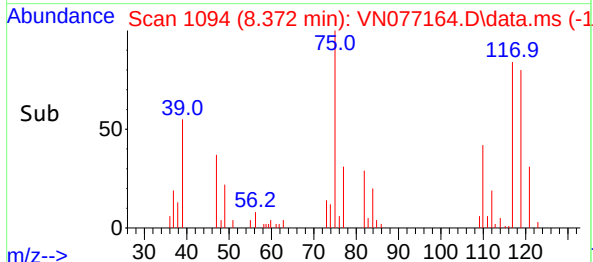
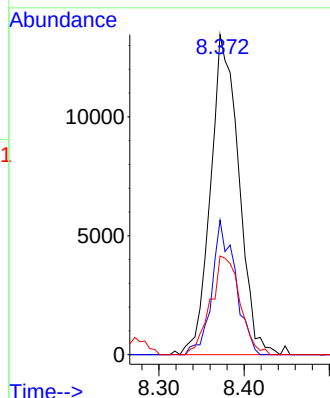
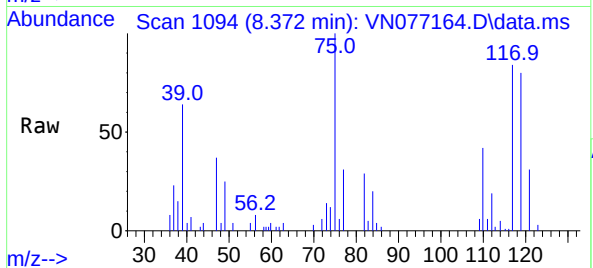




#29
1,1-Dichloropropene
Concen: 4.970 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.012 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

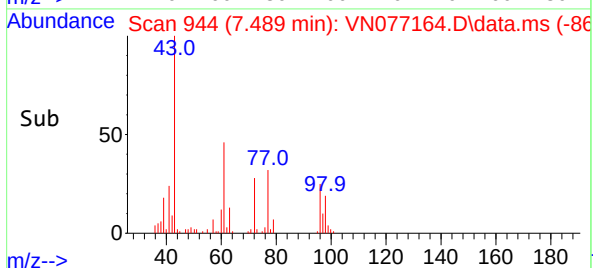
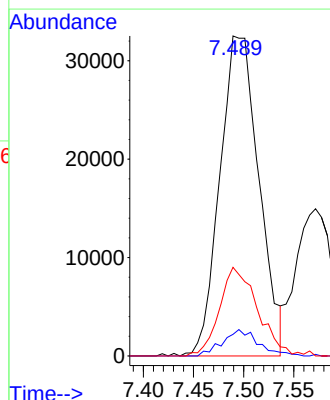
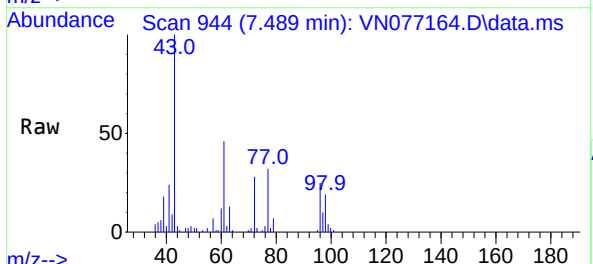
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

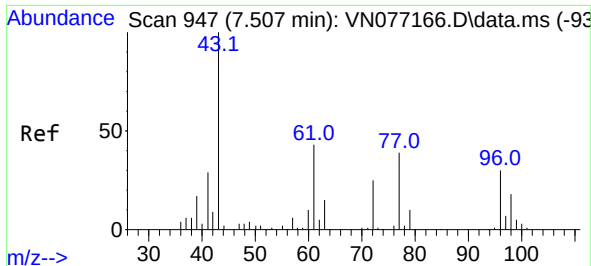
Tgt Ion: 75 Resp: 30904
Ion Ratio Lower Upper
75 100
110 34.1 0.0 67.2
77 32.0 0.0 64.4



#30
2-Butanone
Concen: 29.466 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 43 Resp: 88304
Ion Ratio Lower Upper
43 100
57 7.5 6.1 9.1
72 26.8 20.2 30.4





#31

2,2-Dichloropropane

Concen: 5.294 ug/l

RT: 7.495 min Scan# 94

Delta R.T. -0.012 min

Lab File: VN077164.D

Acq: 23 Mar 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

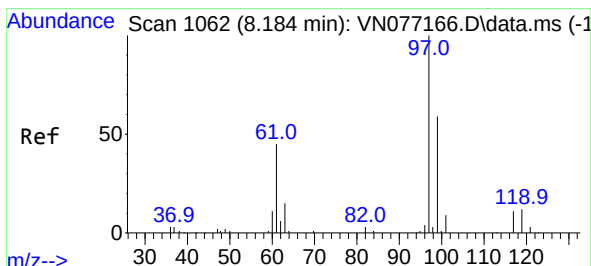
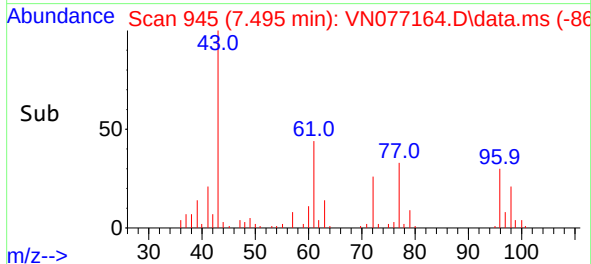
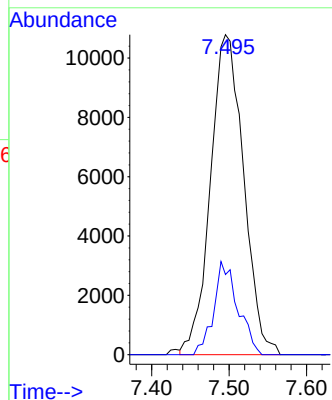
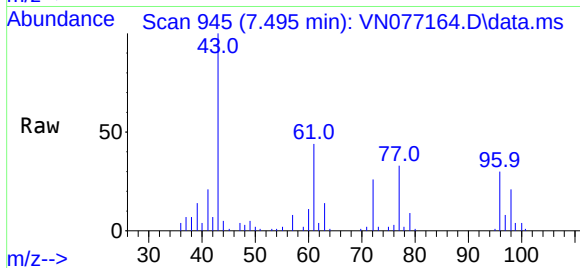
VSTDIC005

Tgt Ion: 77 Resp: 32103

Ion Ratio Lower Upper

77 100

97 21.2 7.2 10.8#



#32

1,1,1-Trichloroethane

Concen: 5.470 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.012 min

Lab File: VN077164.D

Acq: 23 Mar 2023 22:10

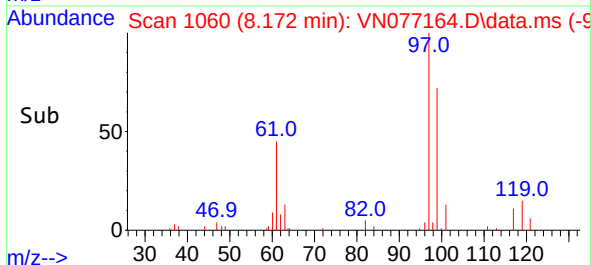
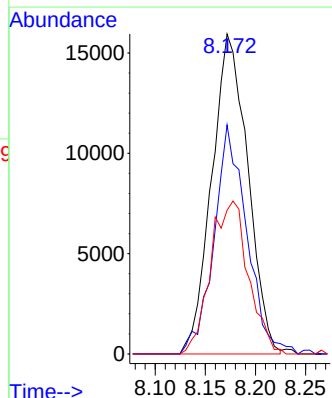
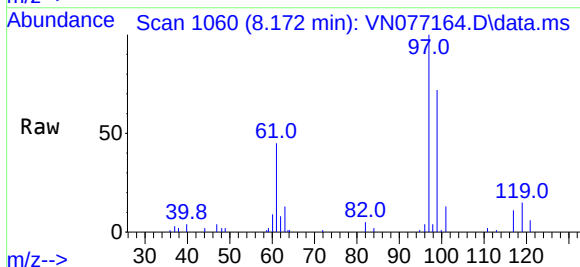
Tgt Ion: 97 Resp: 39853

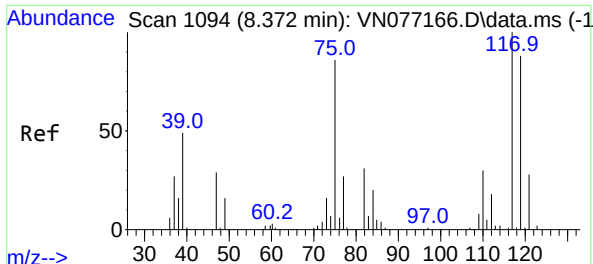
Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.8

61 31.1 39.3 58.9#

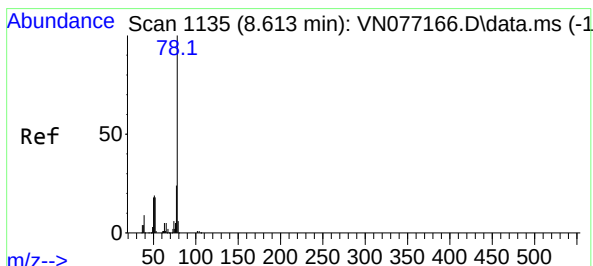
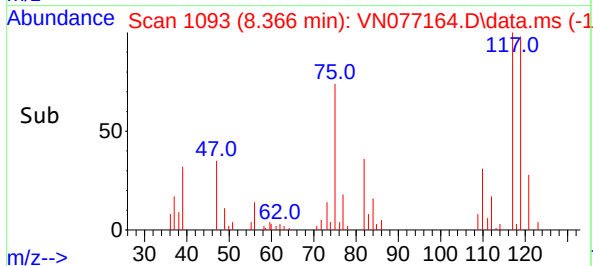
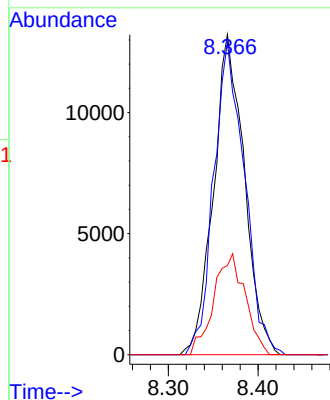
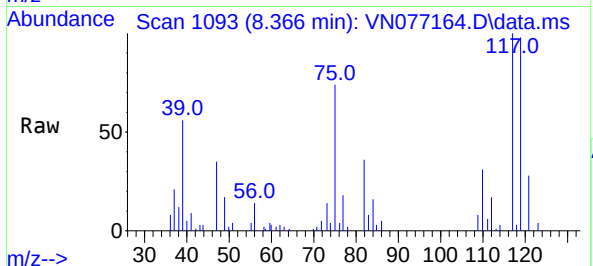




#33
Carbon Tetrachloride
Concen: 4.918 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

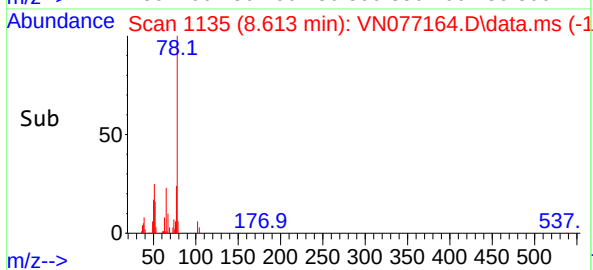
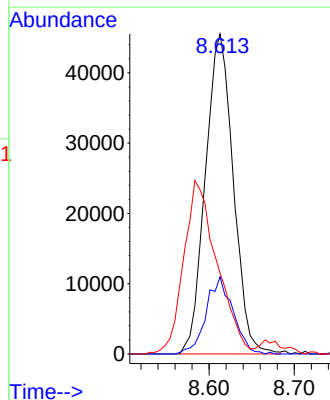
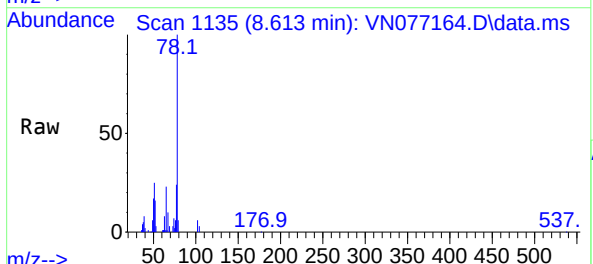
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

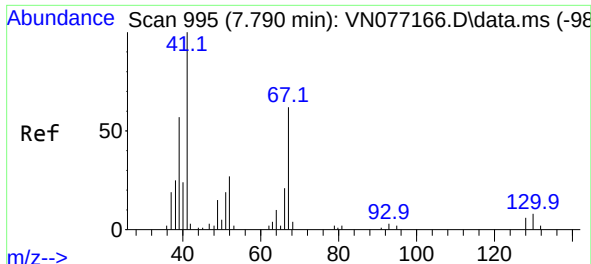
Tgt Ion:117 Resp: 31497
Ion Ratio Lower Upper
117 100
119 97.7 79.8 119.8
121 27.9 23.4 35.0



#34
Benzene
Concen: 5.441 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 78 Resp: 103845
Ion Ratio Lower Upper
78 100
77 24.1 17.4 26.2
51 23.3 13.8 20.6#



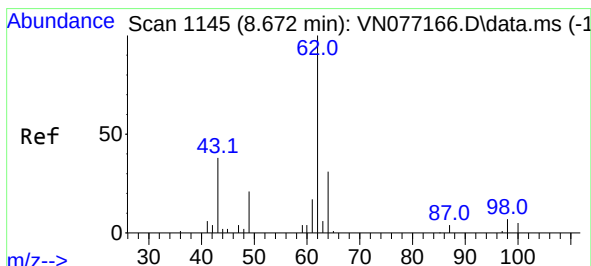
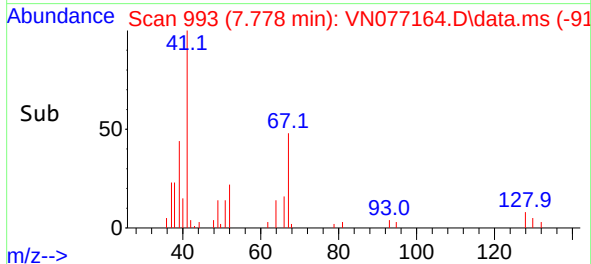
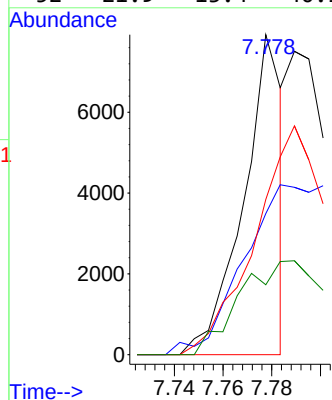
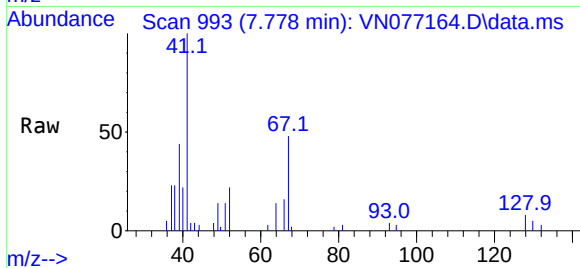


#35
Methacrylonitrile
Concen: 2.636 ug/l
RT: 7.778 min Scan# 993
Delta R.T. -0.012 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 8845

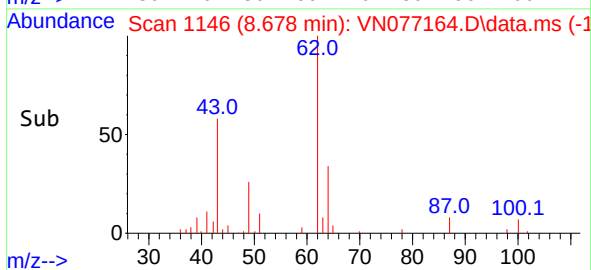
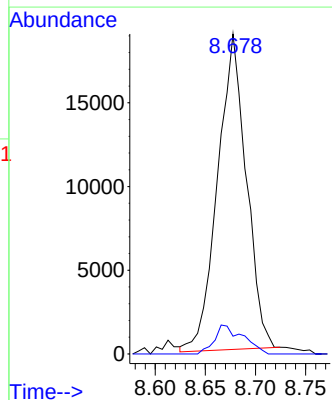
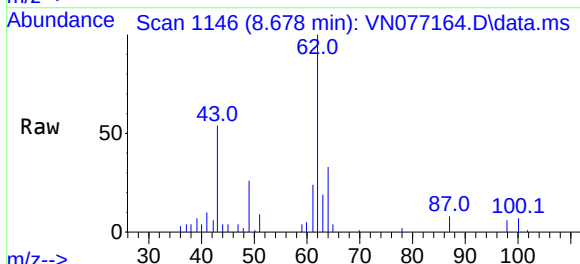
Ion	Ratio	Lower	Upper
41	100		
39	40.3	26.6	79.7
67	48.5	32.3	96.9
52	21.9	13.4	40.1

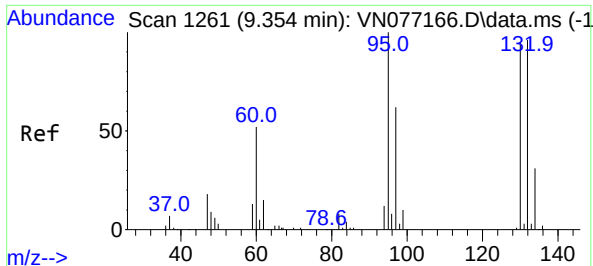


#36
1,2-Dichloroethane
Concen: 5.721 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 62 Resp: 37456

Ion	Ratio	Lower	Upper
62	100		
98	5.7	7.4	11.0#

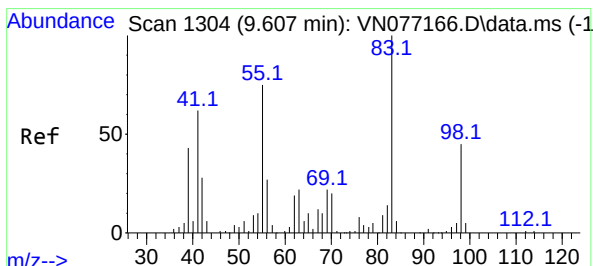
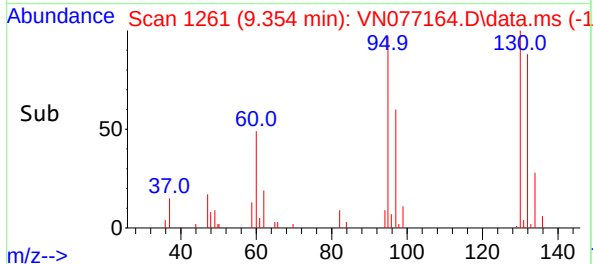
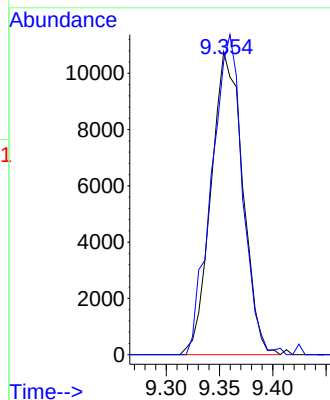
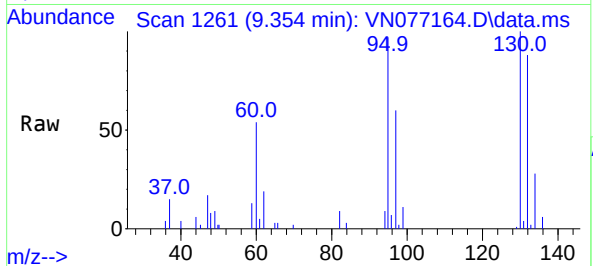




#37
Trichloroethene
Concen: 4.811 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

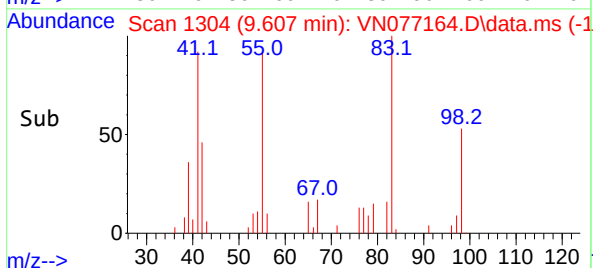
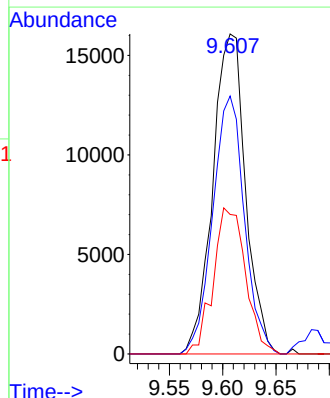
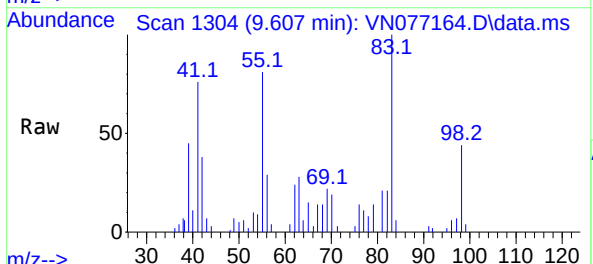
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

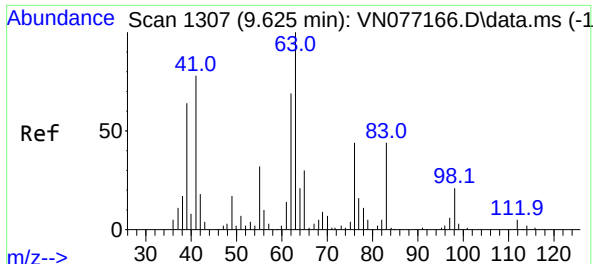
Tgt Ion:130 Resp: 22206
Ion Ratio Lower Upper
130 100
95 96.9 78.7 118.1



#38
Methylcyclohexane
Concen: 4.531 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 83 Resp: 34414
Ion Ratio Lower Upper
83 100
55 77.9 37.6 112.9
98 45.0 24.1 72.4

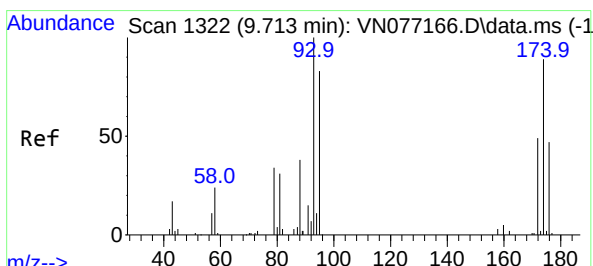
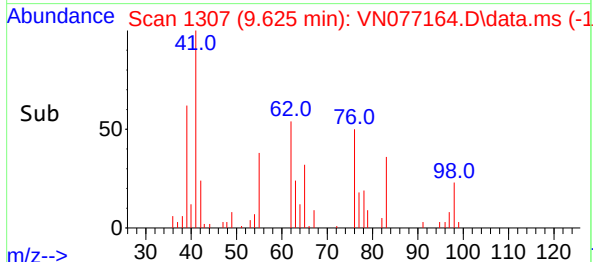
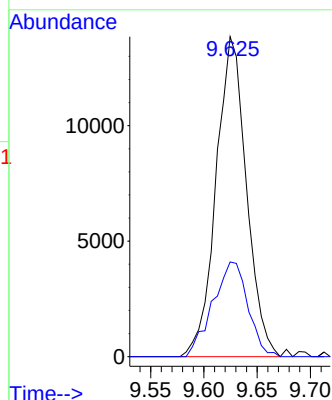
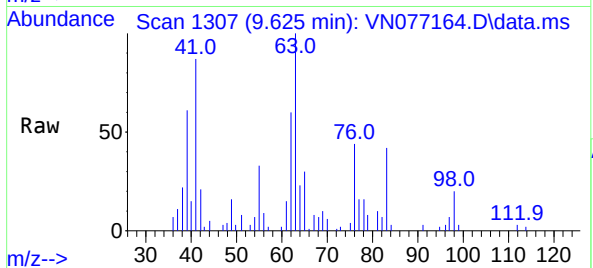




#39
1,2-Dichloropropane
Concen: 5.570 ug/l
RT: 9.625 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

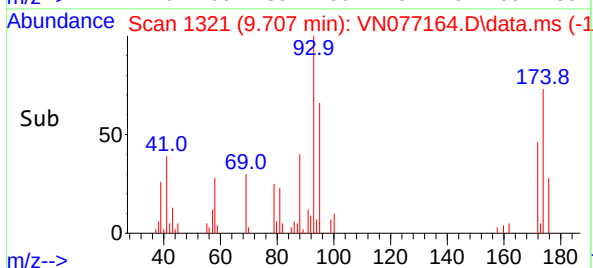
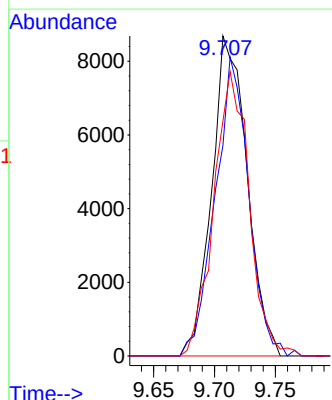
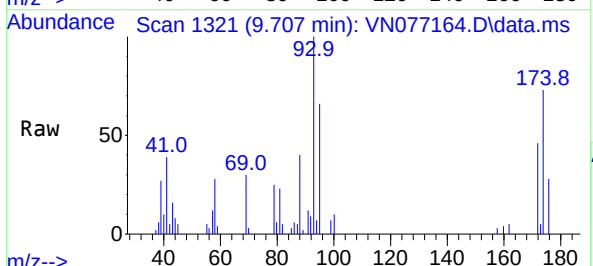
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

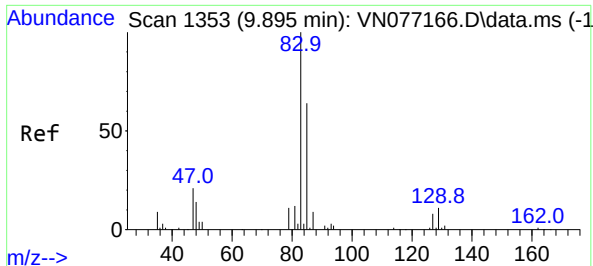
Tgt Ion: 63 Resp: 27472
Ion Ratio Lower Upper
63 100
65 29.6 27.2 40.8



#40
Dibromomethane
Concen: 5.576 ug/l
RT: 9.707 min Scan# 1321
Delta R.T. -0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 93 Resp: 17557
Ion Ratio Lower Upper
93 100
95 88.4 0.0 158.0
174 88.2 0.0 171.2

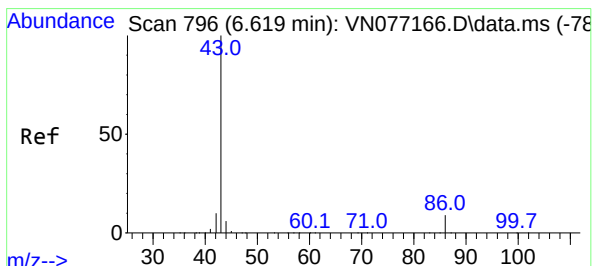
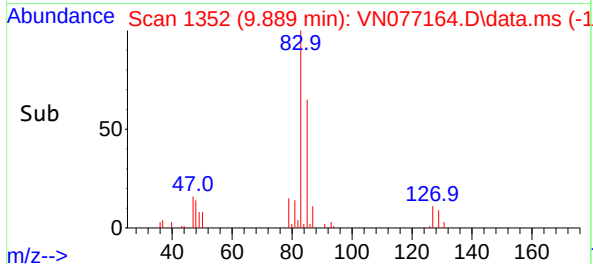
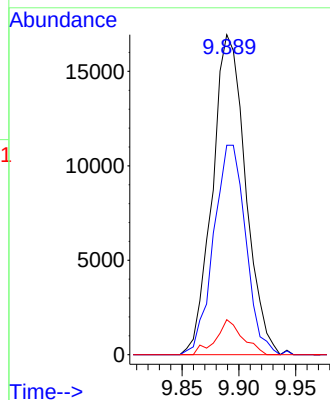
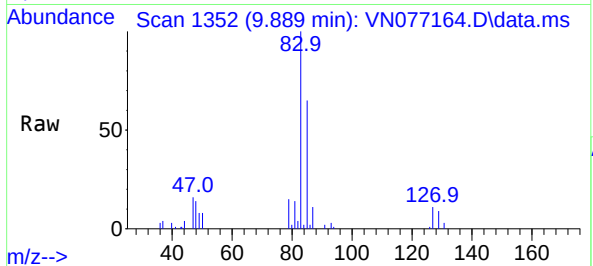




#41
Bromodichloromethane
Concen: 5.341 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

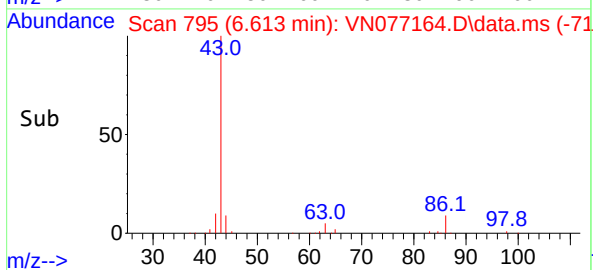
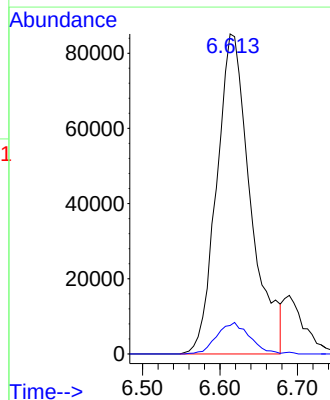
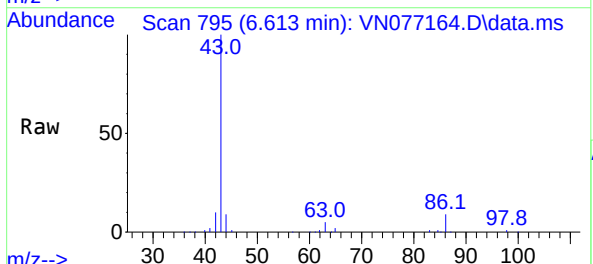
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

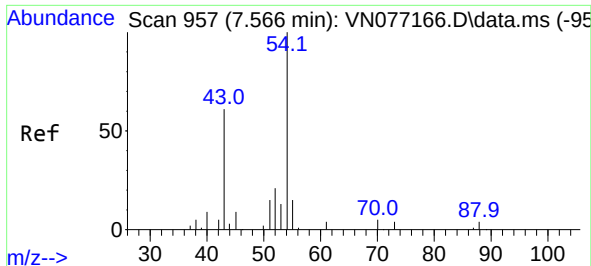
Tgt Ion: 83 Resp: 34359
Ion Ratio Lower Upper
83 100
85 65.5 51.0 76.4
127 11.0 6.2 9.2#



#42
Vinyl Acetate
Concen: 28.223 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 43 Resp: 258697
Ion Ratio Lower Upper
43 100
86 9.5 7.8 11.6

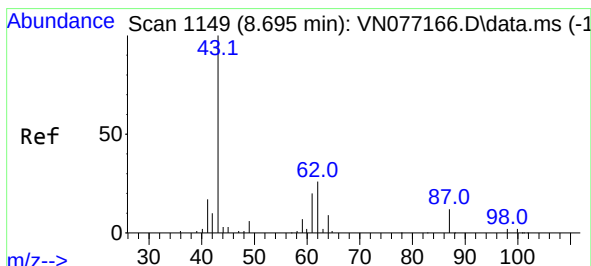
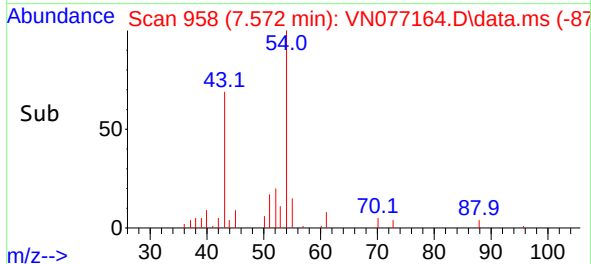
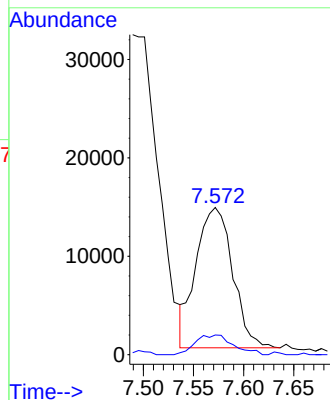
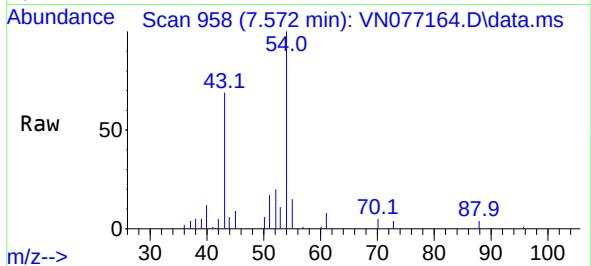




#43
Ethyl Acetate
Concen: 6.034 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

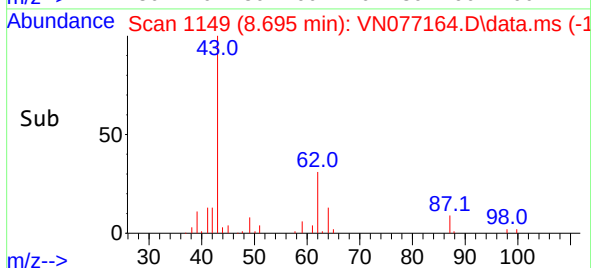
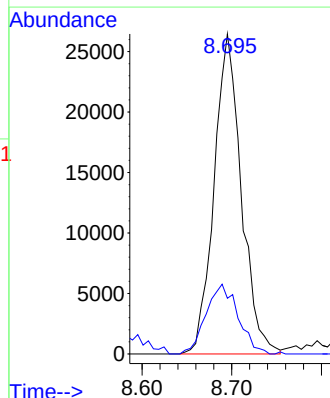
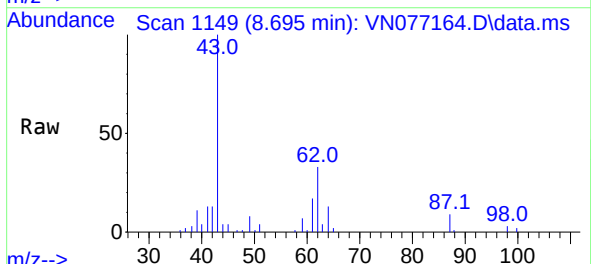
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

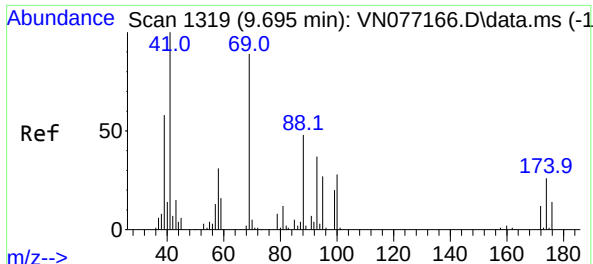
Tgt Ion: 43 Resp: 36265
Ion Ratio Lower Upper
43 100
45 7.6 11.2 16.8#



#44
Isopropyl Acetate
Concen: 5.741 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 43 Resp: 55795
Ion Ratio Lower Upper
43 100
61 25.7 19.5 29.3

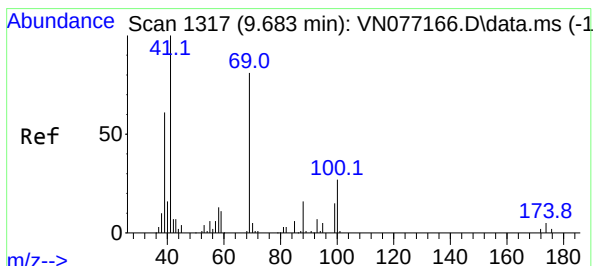
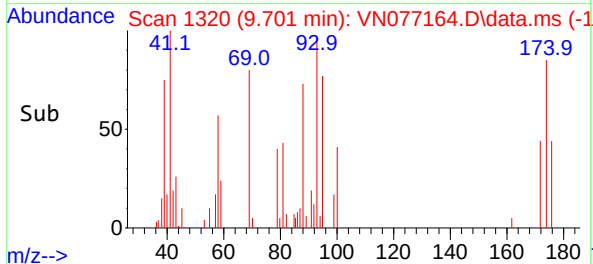
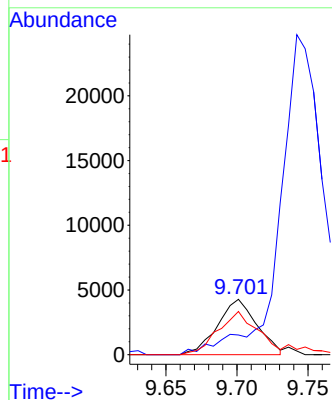
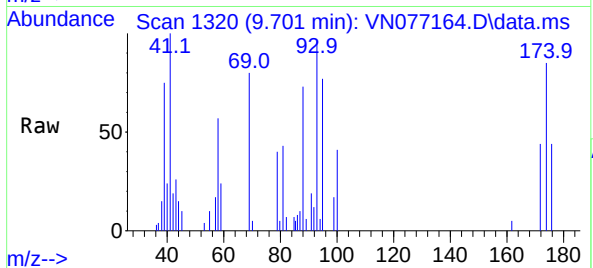




#45
1,4-Dioxane
Concen: 100.211 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

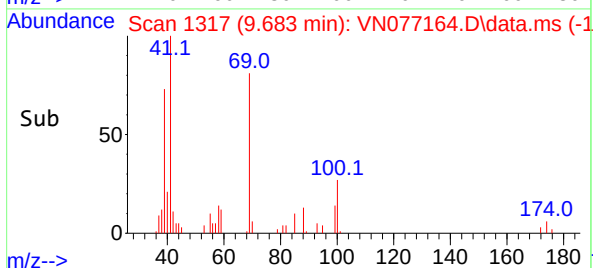
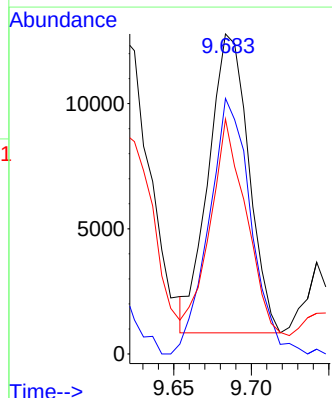
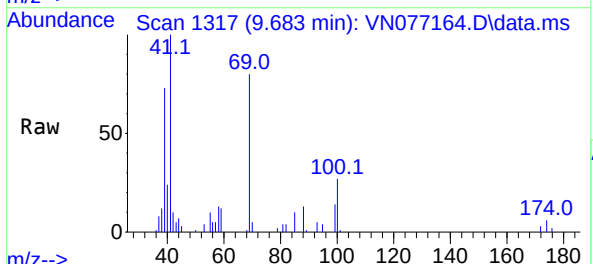
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

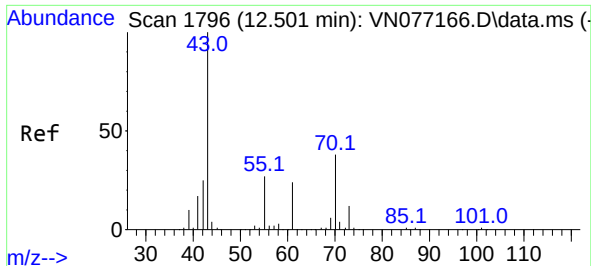
Tgt Ion: 88 Resp: 8242
Ion Ratio Lower Upper
88 100
43 33.2 26.0 39.0
58 78.7 54.3 81.5



#46
Methyl methacrylate
Concen: 4.570 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 41 Resp: 21500
Ion Ratio Lower Upper
41 100
69 82.3 40.6 121.7
39 71.4 30.5 91.5

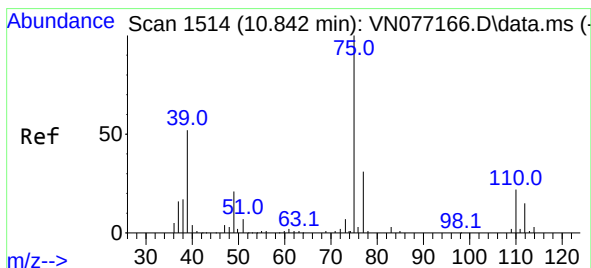
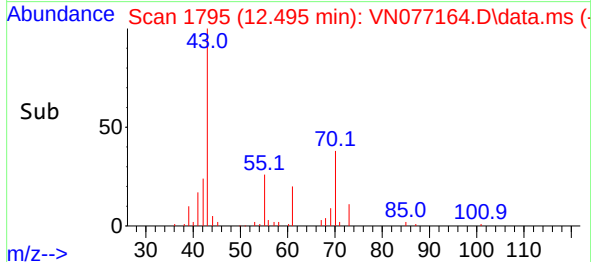
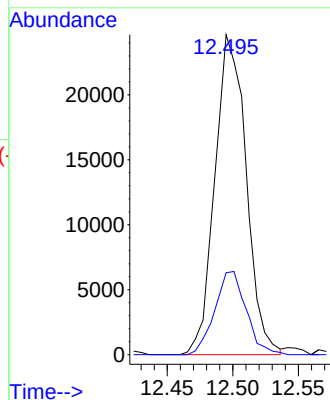
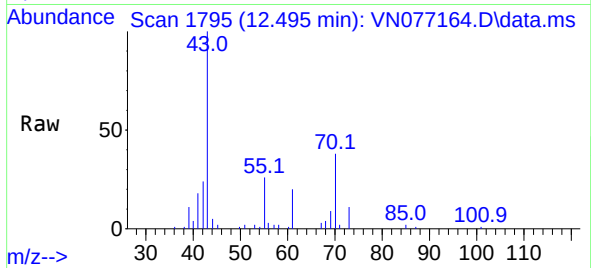




#47
n-amyl acetate
Concen: 5.201 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

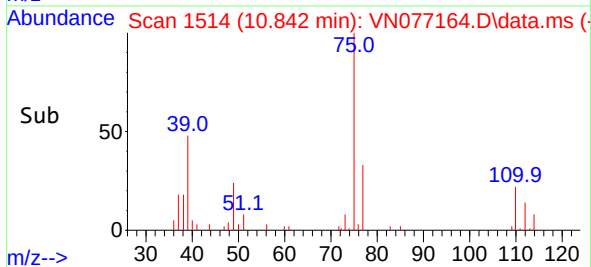
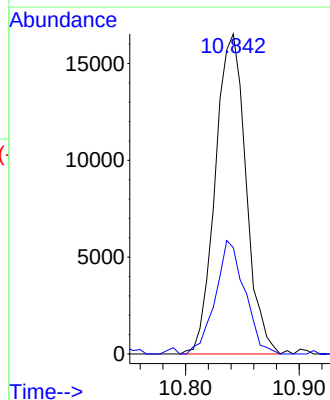
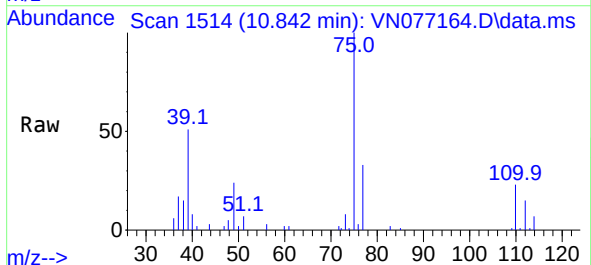
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

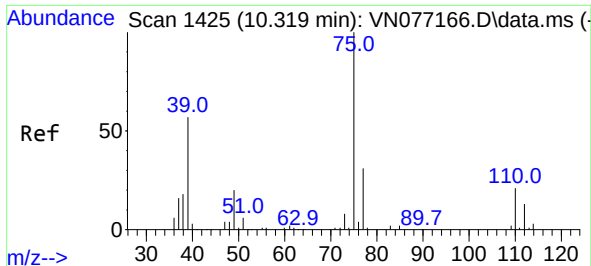
Tgt Ion: 43 Resp: 40899
Ion Ratio Lower Upper
43 100
55 26.1 18.3 27.5



#48
t-1,3-Dichloropropene
Concen: 4.824 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 75 Resp: 30961
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2

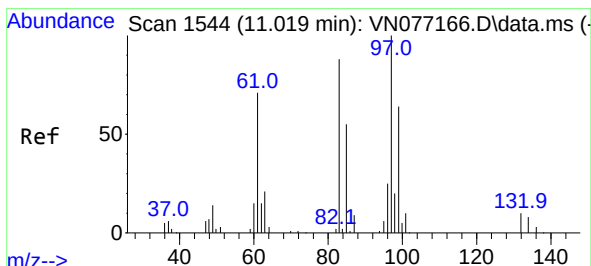
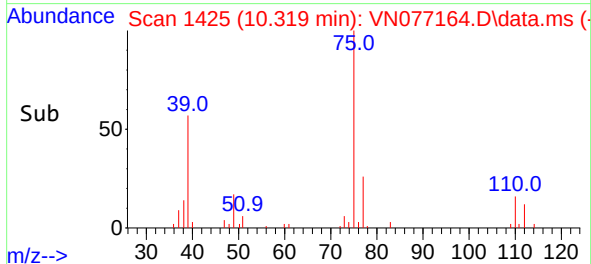
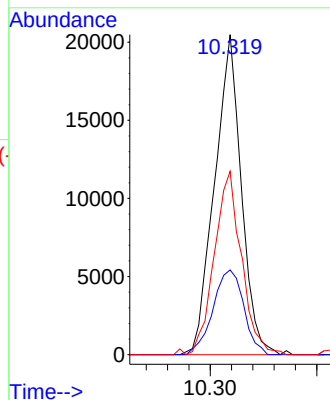
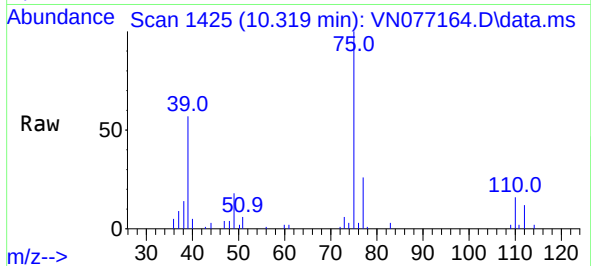




#49
cis-1,3-Dichloropropene
Concen: 4.917 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

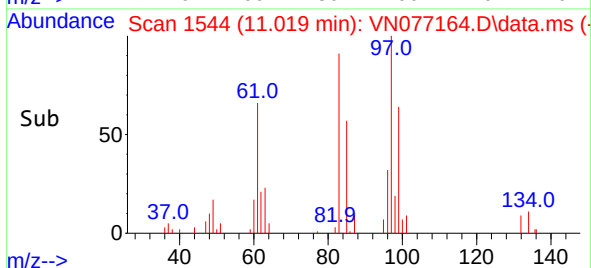
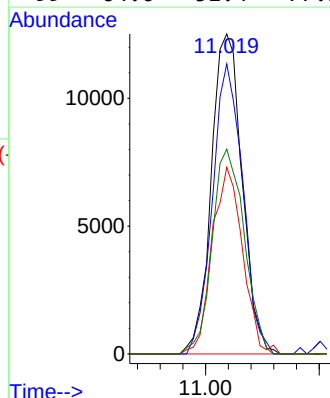
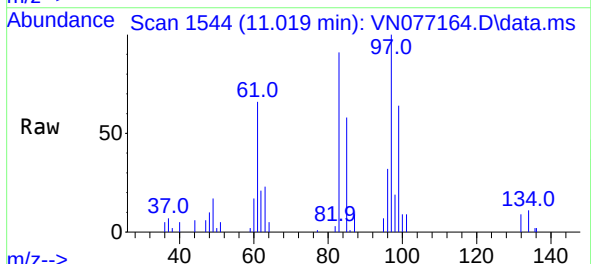
Instrument :
MSVOA_N
ClientSampleId :
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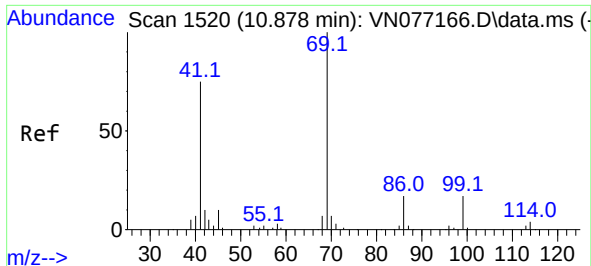
Tgt Ion: 75 Resp: 35648
Ion Ratio Lower Upper
75 100
77 26.5 27.5 41.3#
39 56.2 43.5 65.3



#50
1,1,2-Trichloroethane
Concen: 5.131 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 97 Resp: 23598
Ion Ratio Lower Upper
97 100
83 90.6 71.0 106.4
85 58.3 45.5 68.3
99 64.0 51.4 77.2

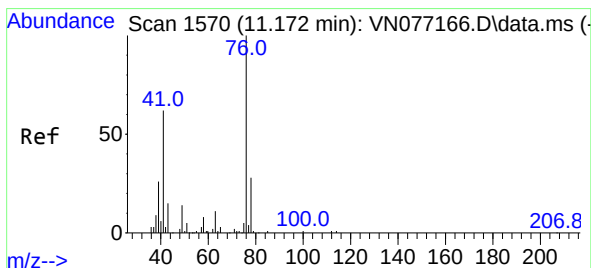
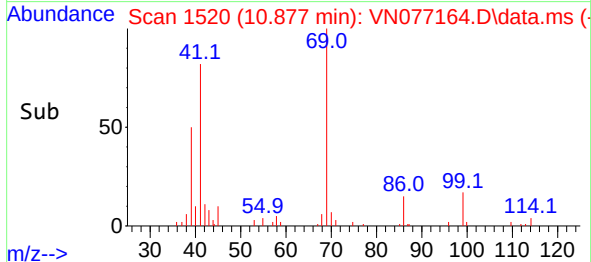
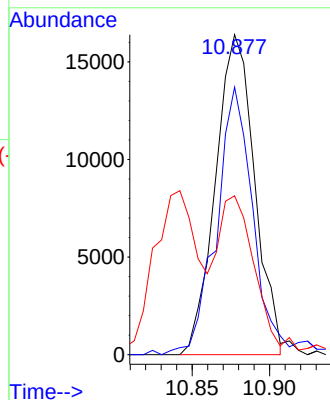
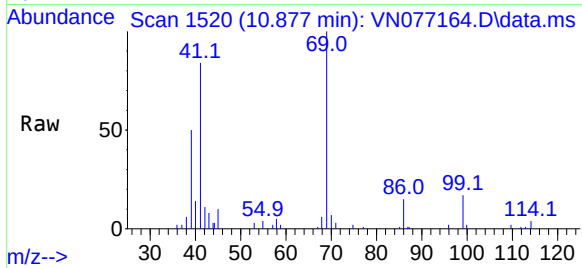




#51
Ethyl methacrylate
Concen: 4.271 ug/l
RT: 10.877 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

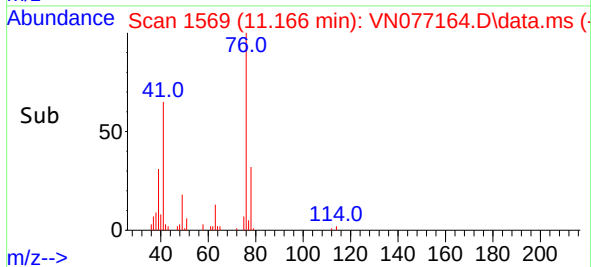
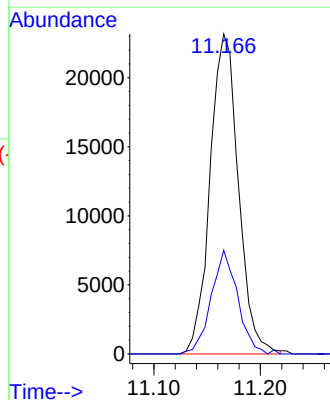
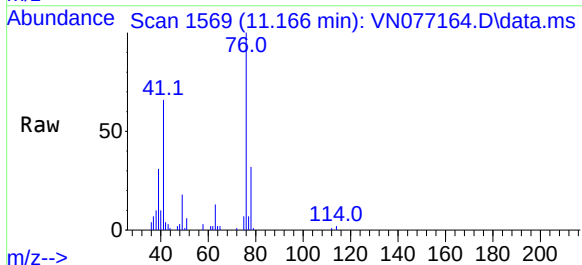
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

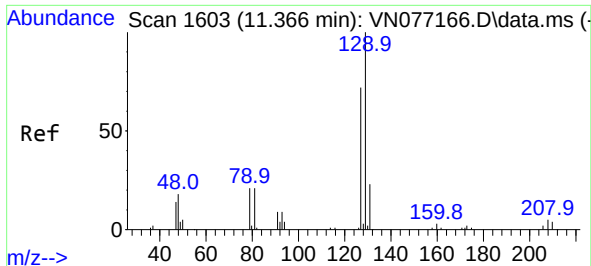
Tgt Ion: 69 Resp: 28731
Ion Ratio Lower Upper
69 100
41 81.4 36.3 108.7
39 46.9 19.9 59.7



#52
1,3-Dichloropropane
Concen: 5.410 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 76 Resp: 42838
Ion Ratio Lower Upper
76 100
78 30.2 0.0 65.4

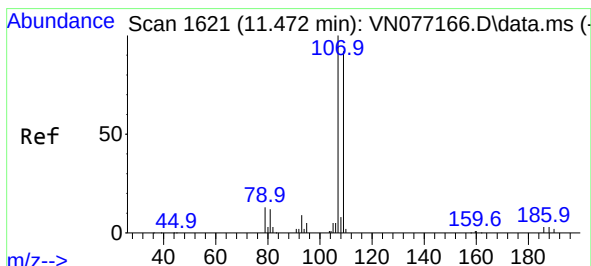
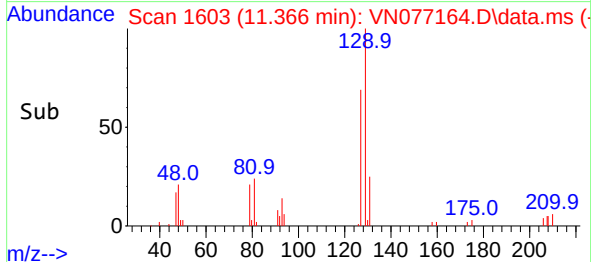
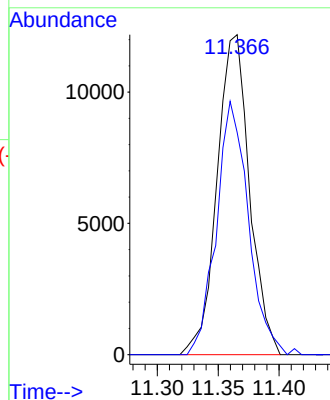
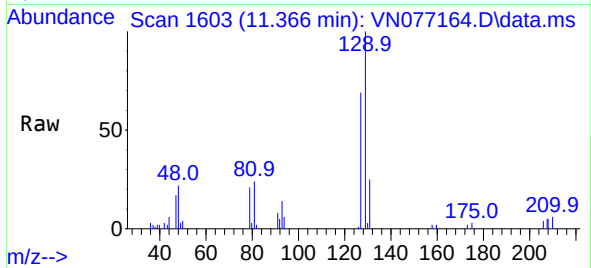




#53
Dibromochloromethane
Concen: 4.863 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

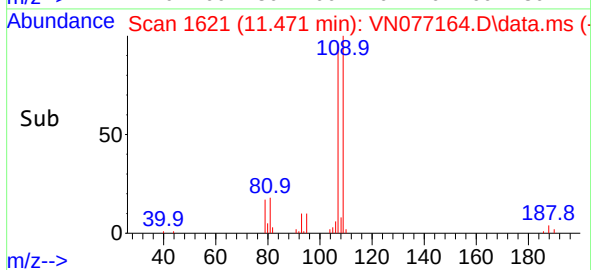
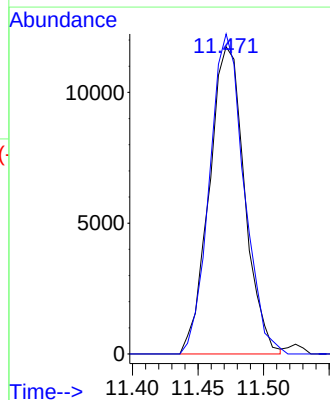
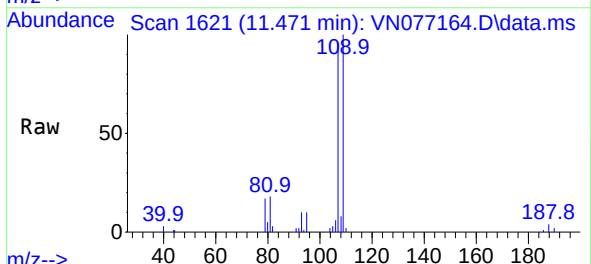
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

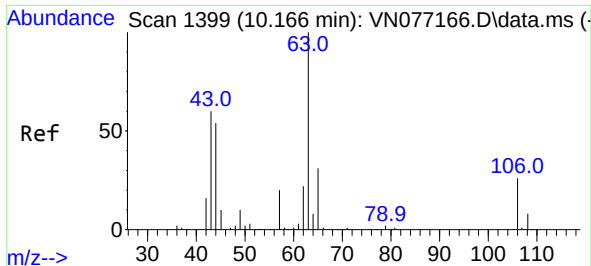
Tgt Ion:129 Resp: 22656
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.1



#54
1,2-Dibromoethane
Concen: 4.976 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion:107 Resp: 22019
Ion Ratio Lower Upper
107 100
109 101.5 74.6 112.0

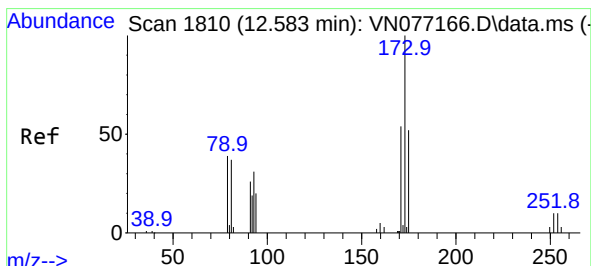
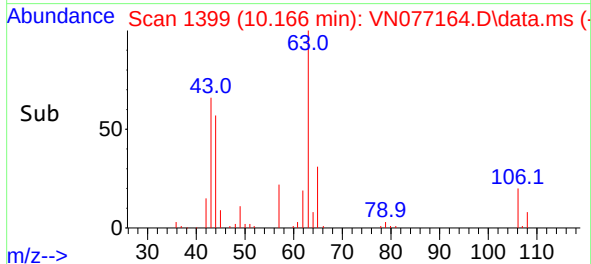
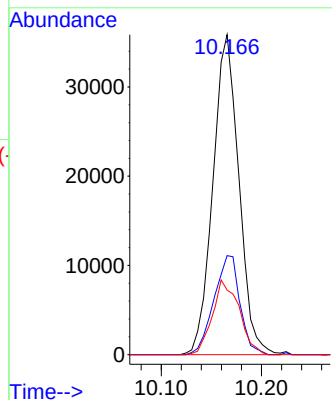
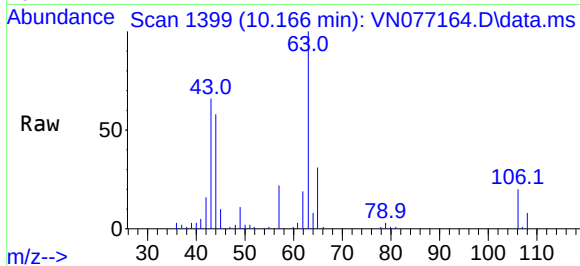




#55
2-Chloroethyl vinyl ether
Concen: 26.255 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

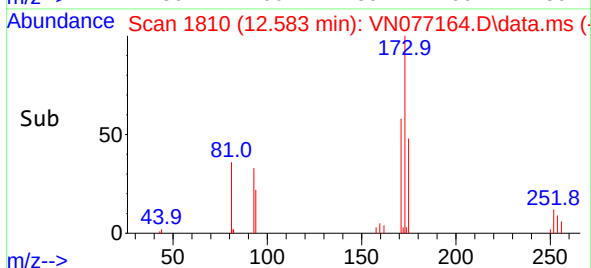
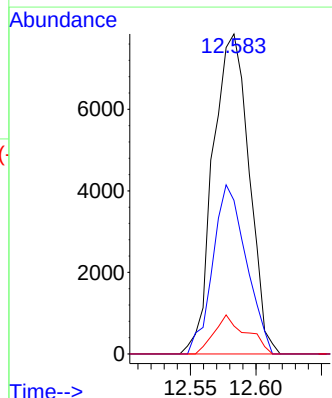
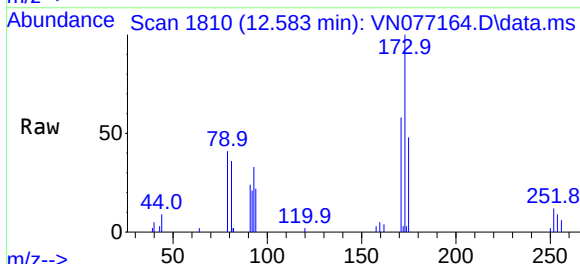
Instrument :
MSVOA_N
ClientSampleId :
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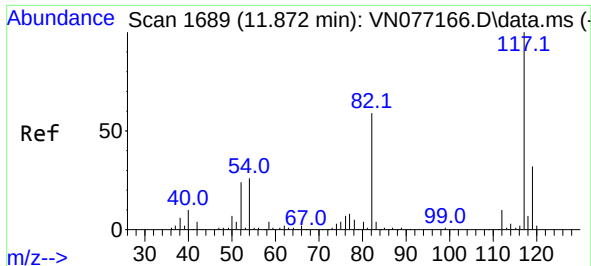
Tgt Ion: 63 Resp: 64398
Ion Ratio Lower Upper
63 100
65 31.0 26.3 39.5
106 24.2 21.6 32.4



#56
Bromoform
Concen: 4.822 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 173 Resp: 14973
Ion Ratio Lower Upper
173 100
175 49.1 37.8 56.6
254 9.3 7.3 10.9

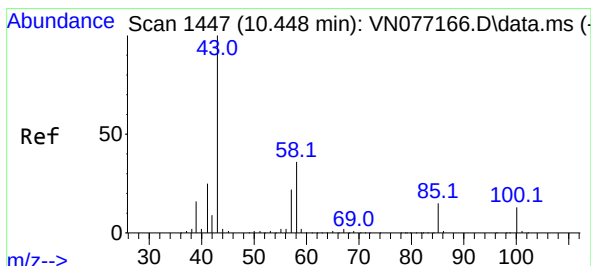
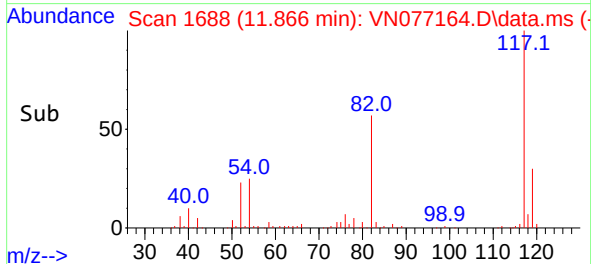
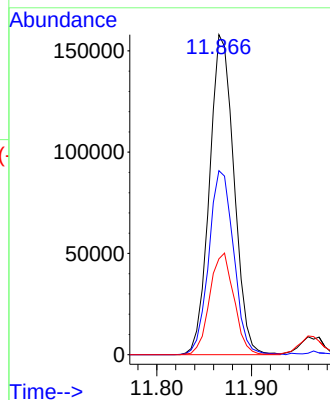
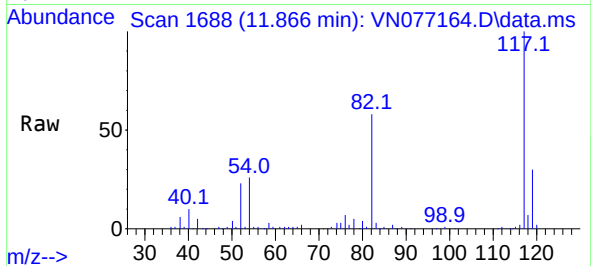




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

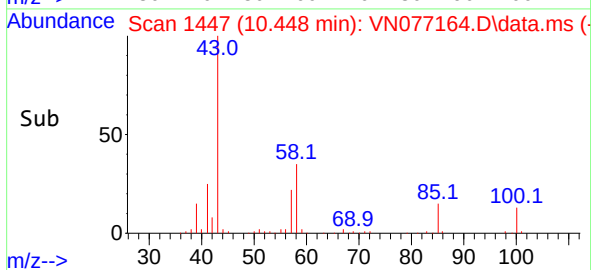
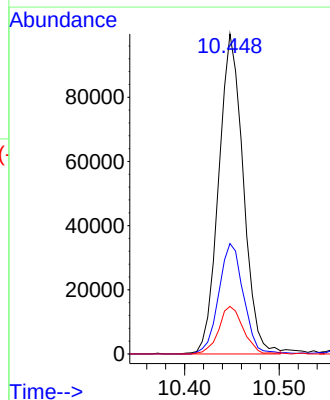
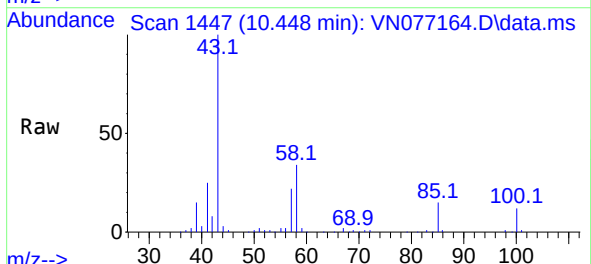
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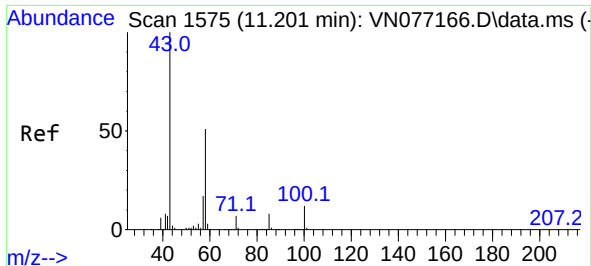
Tgt Ion:117 Resp: 284553
Ion Ratio Lower Upper
117 100
82 58.4 45.4 68.0
119 31.5 26.8 40.2



#58
4-Methyl-2-Pentanone
Concen: 29.067 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 43 Resp: 179739
Ion Ratio Lower Upper
43 100
58 34.8 28.6 42.8
85 14.7 11.8 17.8

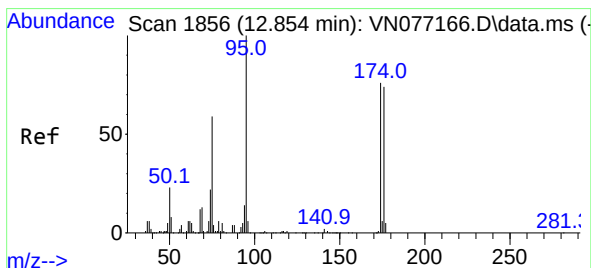
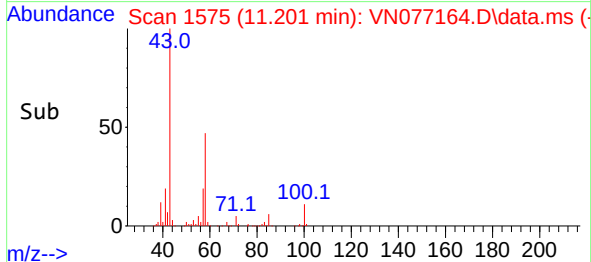
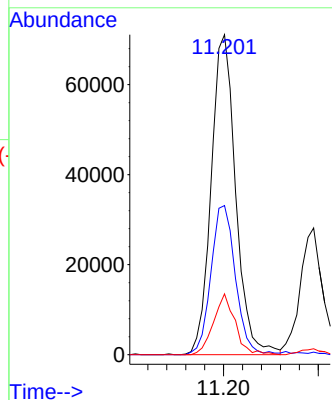
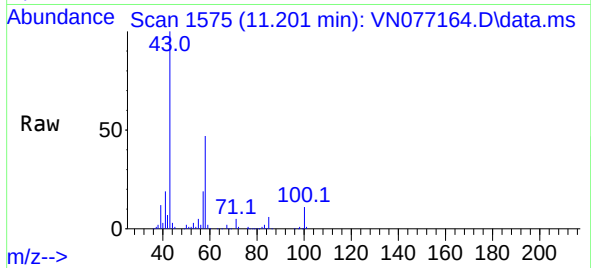




#59
2-Hexanone
Concen: 28.952 ug/l
RT: 11.201 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

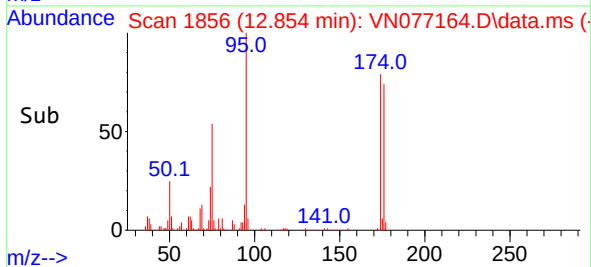
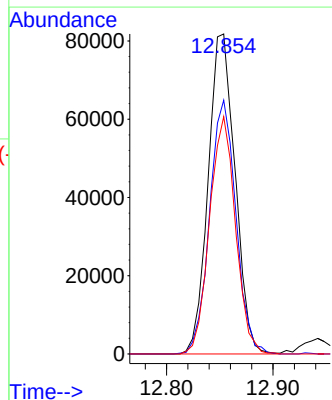
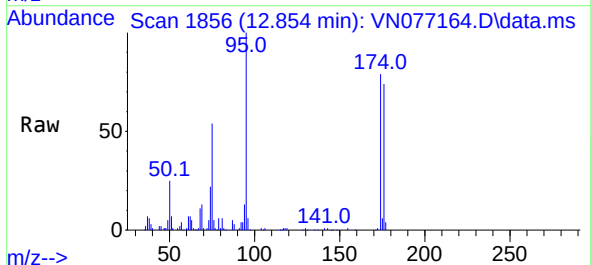
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MSVOA_N
ClientSampleId :
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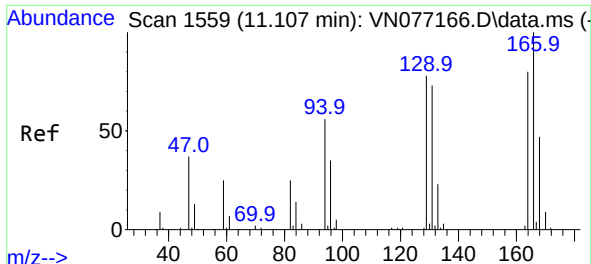
Tgt Ion: 43 Resp: 127822
Ion Ratio Lower Upper
43 100
58 46.2 40.6 60.8
57 16.3 13.1 19.7



#60
4-Bromofluorobenzene
Concen: 26.965 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 95 Resp: 143569
Ion Ratio Lower Upper
95 100
174 77.5 64.2 96.4
176 71.2 61.4 92.0

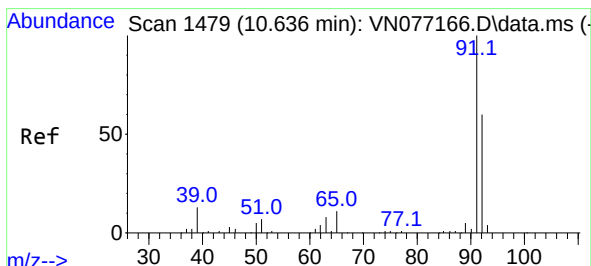
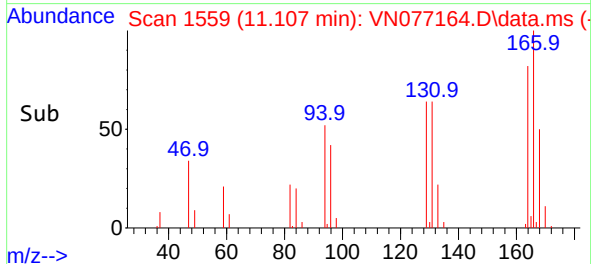
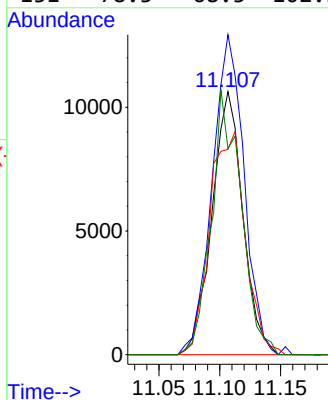
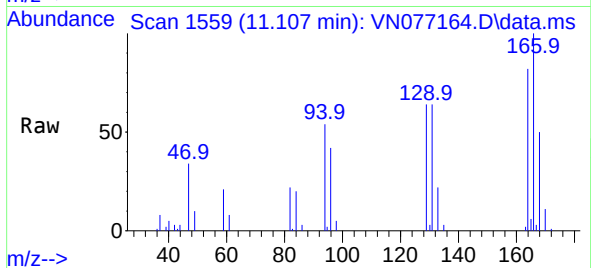




#61
Tetrachloroethene
Concen: 4.285 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

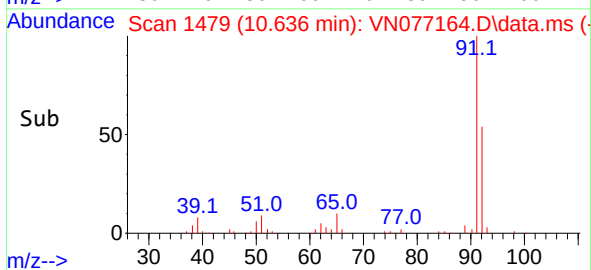
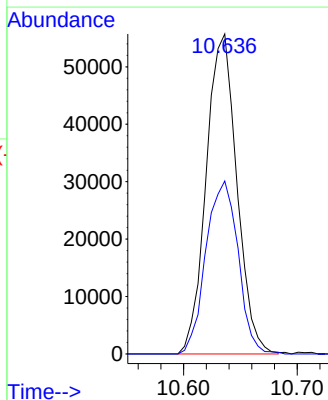
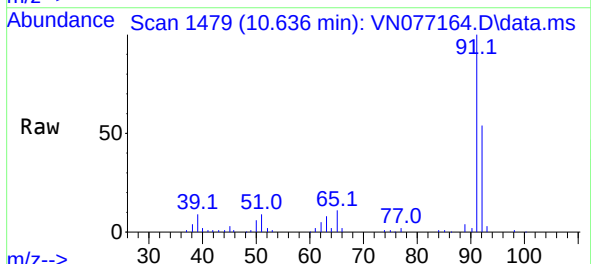
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

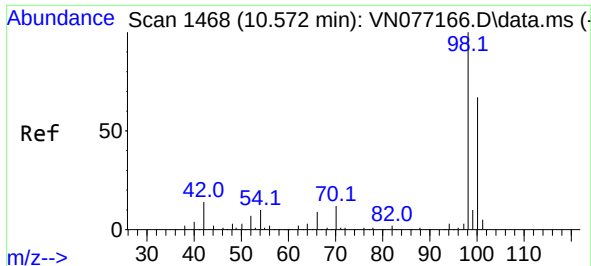
Tgt Ion:164 Resp: 18788
Ion Ratio Lower Upper
164 100
166 121.7 96.2 144.2
129 78.0 78.2 117.4#
131 78.3 68.3 102.5



#62
Toluene
Concen: 5.221 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 91 Resp: 104590
Ion Ratio Lower Upper
91 100
92 56.5 46.3 69.5

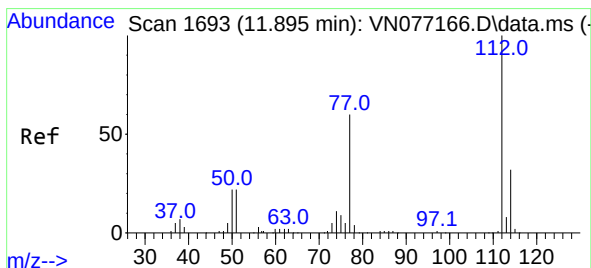
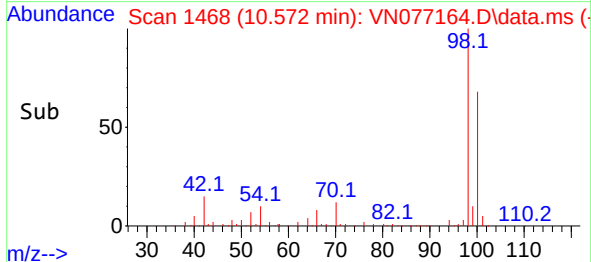
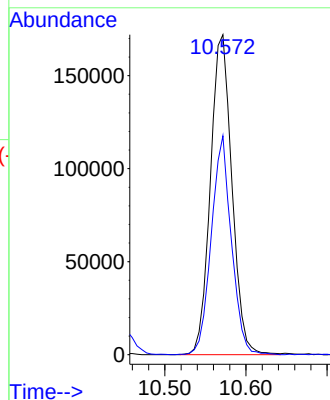
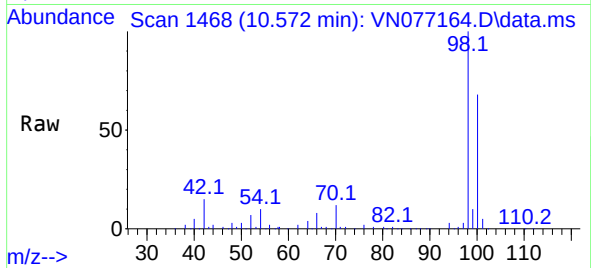




#63
Toluene-d8
Concen: 31.403 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

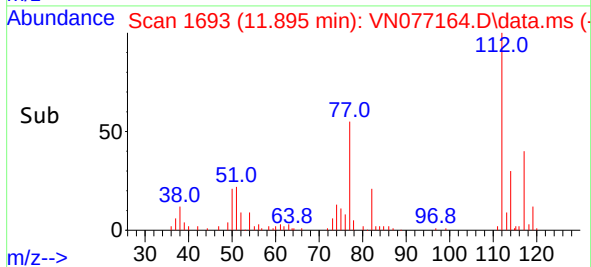
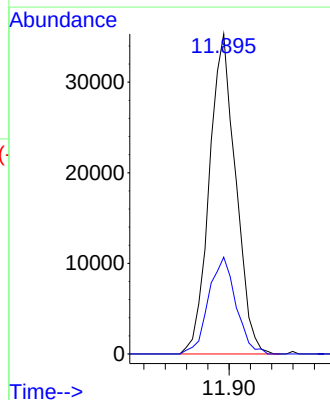
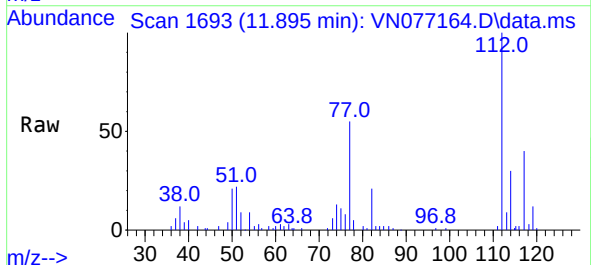
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

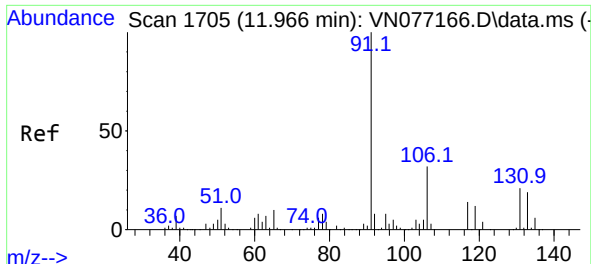
Tgt Ion: 98 Resp: 316326
Ion Ratio Lower Upper
98 100
100 63.9 53.8 80.6



#64
Chlorobenzene
Concen: 5.166 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 112 Resp: 60756
Ion Ratio Lower Upper
112 100
114 30.2 24.5 36.7

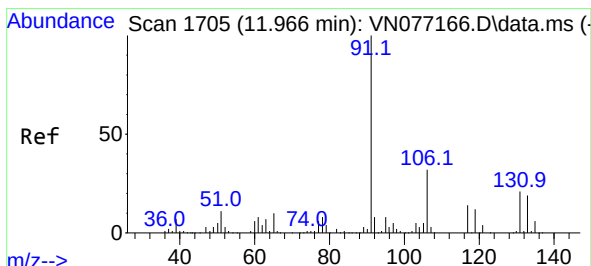
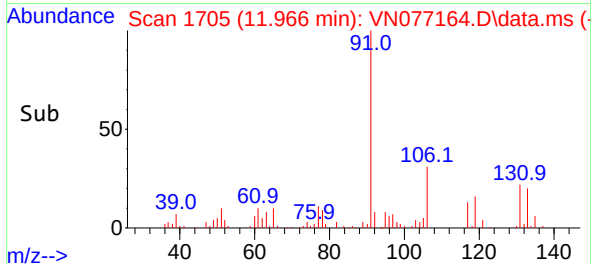
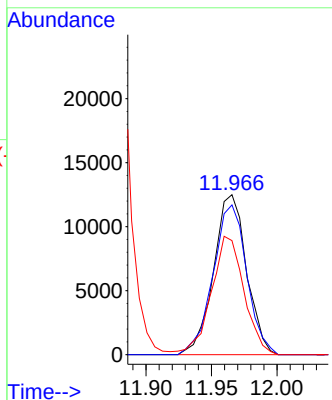
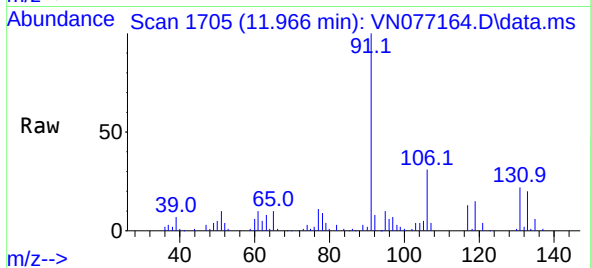




#65
1,1,1,2-Tetrachloroethane
Concen: 4.931 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

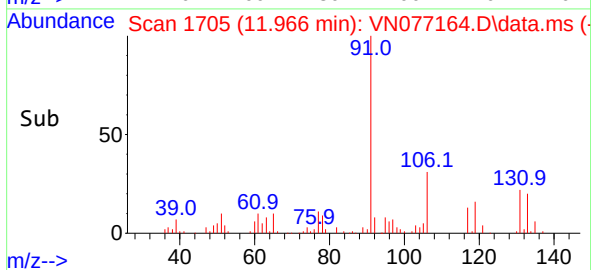
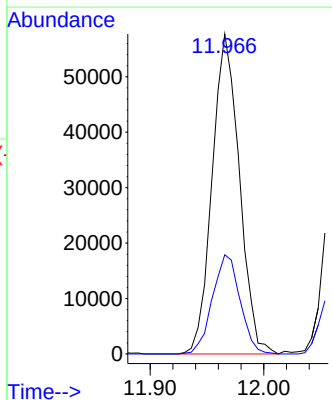
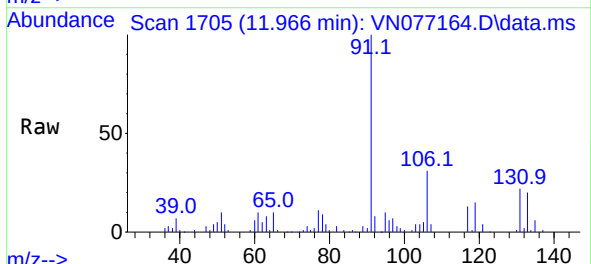
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

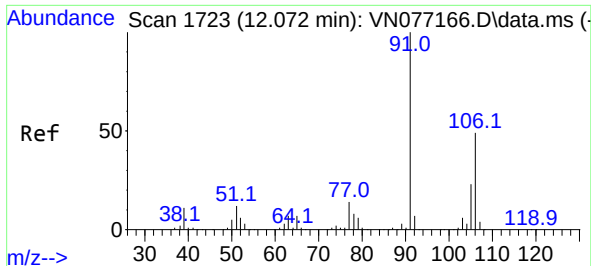
Tgt Ion:131 Resp: 21843
Ion Ratio Lower Upper
131 100
133 95.9 0.0 197.6
119 73.6 0.0 127.8



#66
Ethyl Benzene
Concen: 4.447 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 91 Resp: 96156
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.8

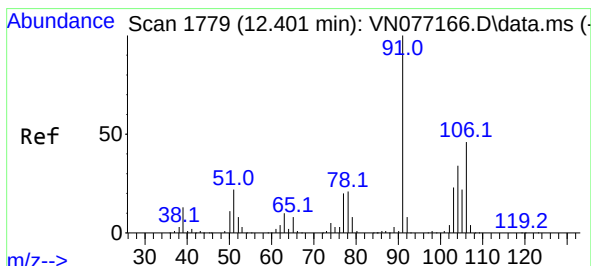
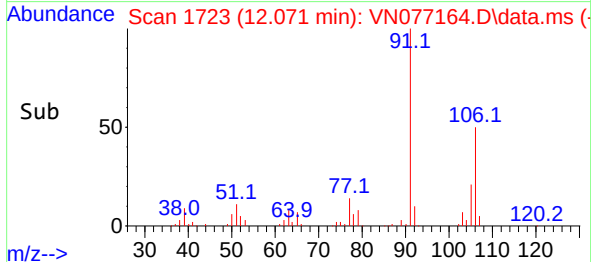
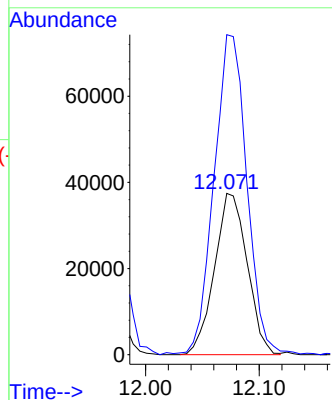
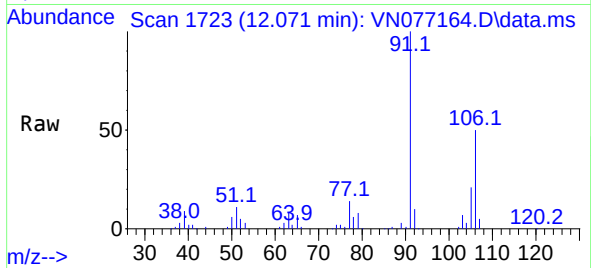




#67
m/p-Xylenes
Concen: 9.135 ug/l
RT: 12.071 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

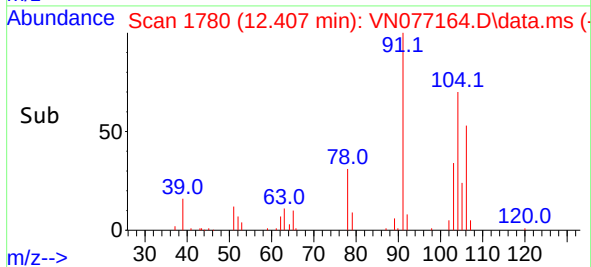
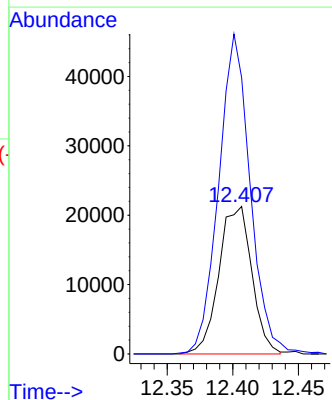
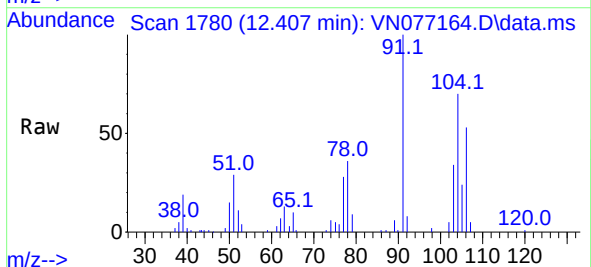
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

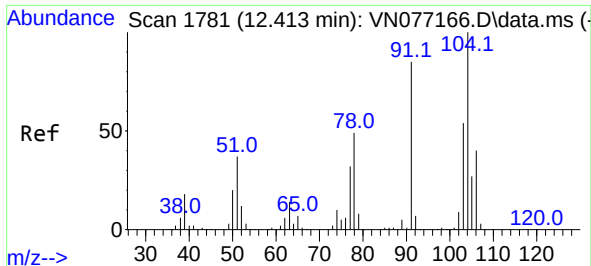
Tgt Ion:106 Resp: 74786
Ion Ratio Lower Upper
106 100
91 198.9 157.4 236.2



#68
o-Xylene
Concen: 4.648 ug/l
RT: 12.407 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion:106 Resp: 37173
Ion Ratio Lower Upper
106 100
91 207.7 107.2 321.6

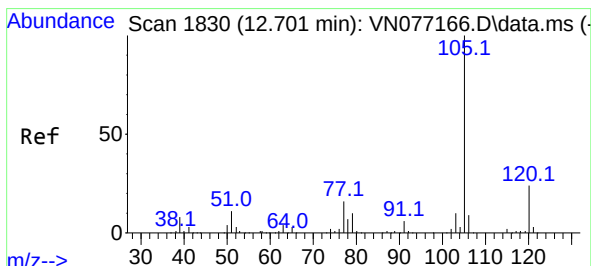
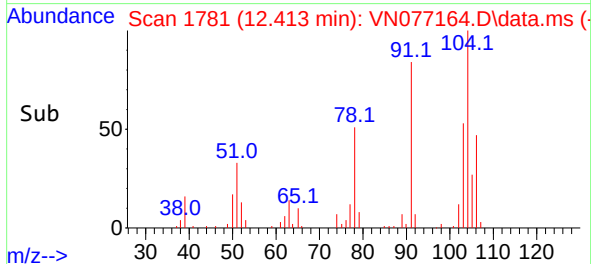
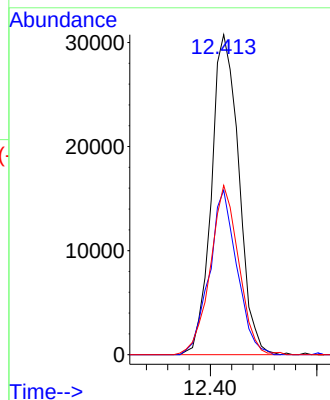
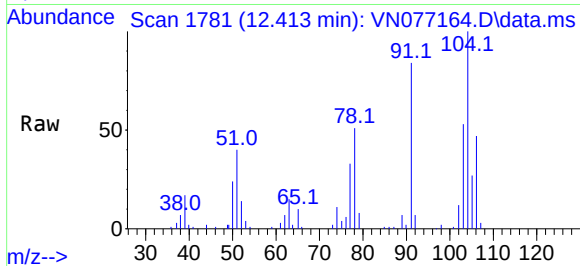




#69
Styrene
Concen: 4.256 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

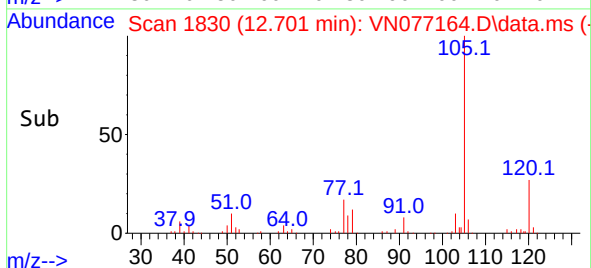
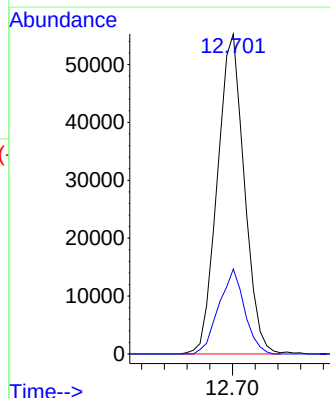
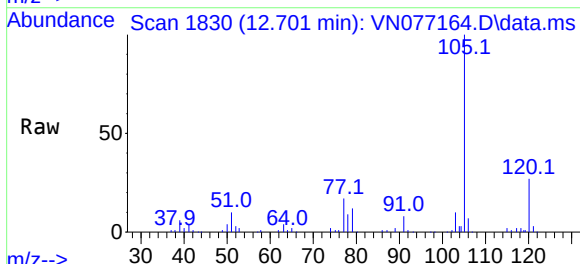
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

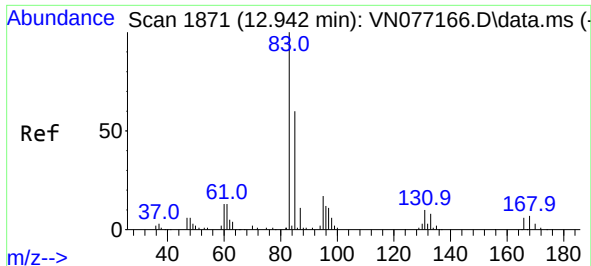
Tgt Ion:104 Resp: 54899
Ion Ratio Lower Upper
104 100
78 51.7 39.6 59.4
103 54.7 43.9 65.9



#70
Isopropylbenzene
Concen: 4.366 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion:105 Resp: 90707
Ion Ratio Lower Upper
105 100
120 25.4 19.0 35.2

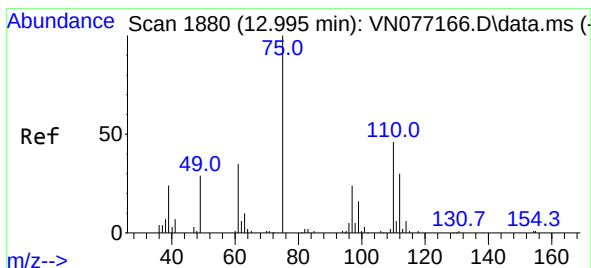
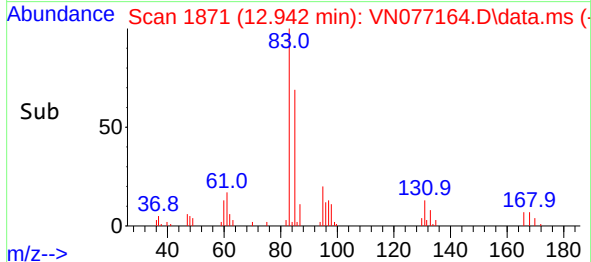
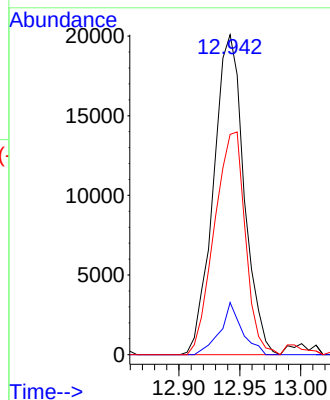
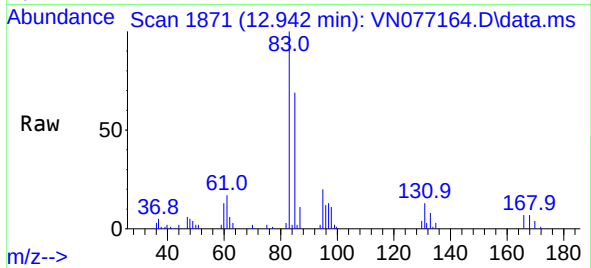




#71
1,1,2,2-Tetrachloroethane
Concen: 5.448 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

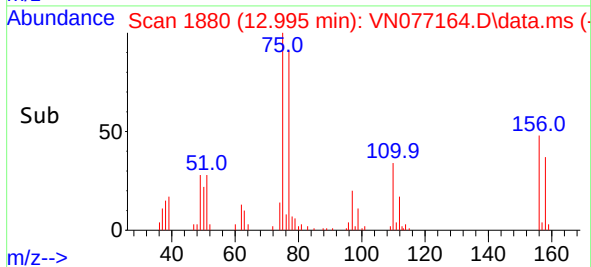
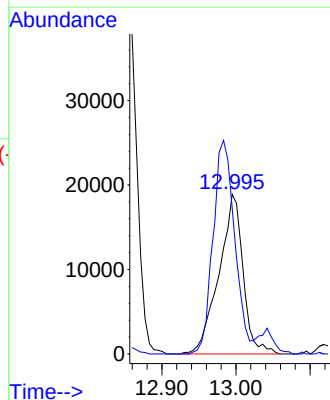
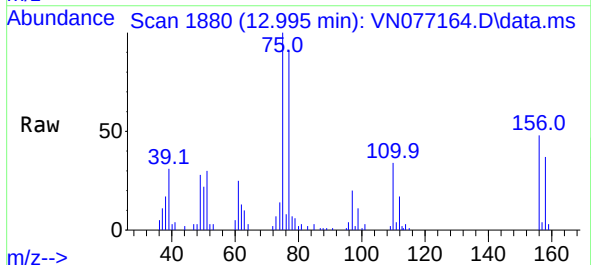
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

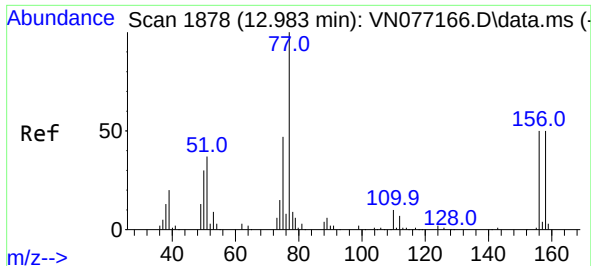
Tgt Ion: 83 Resp: 35184
Ion Ratio Lower Upper
83 100
131 11.7 5.0 14.9
85 70.2 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 7.205 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 75 Resp: 42797
Ion Ratio Lower Upper
75 100
77 119.5 0.0 332.6

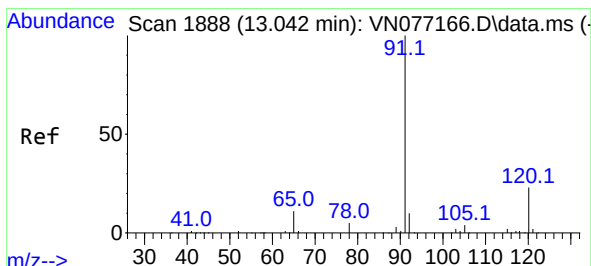
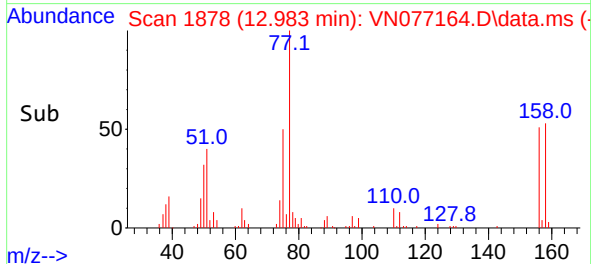
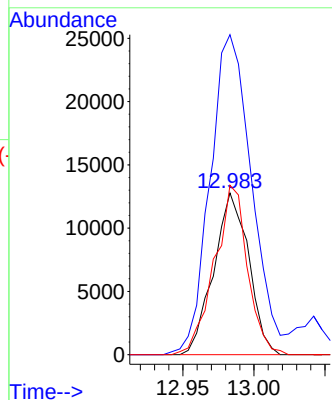
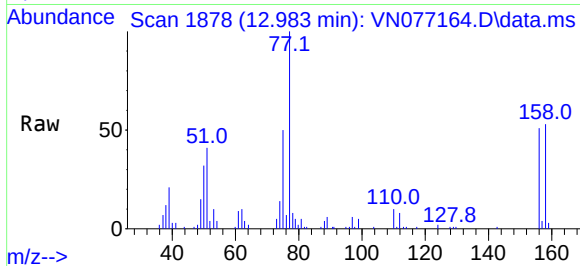




#73
Bromobenzene
Concen: 4.653 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

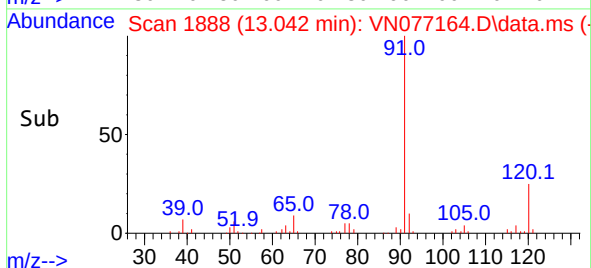
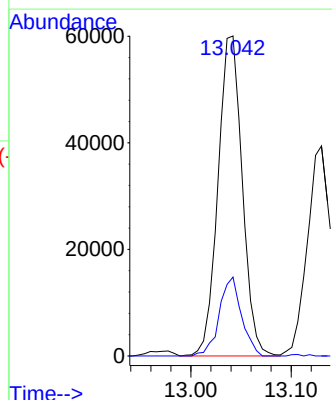
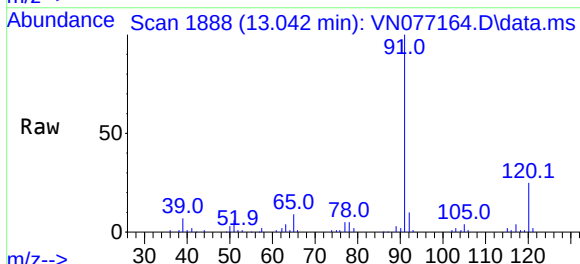
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

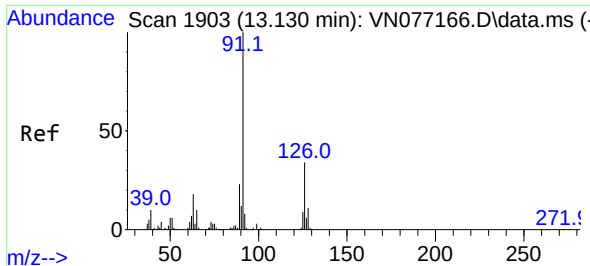
Tgt Ion:156 Resp: 21912
Ion Ratio Lower Upper
156 100
77 233.4 0.0 423.0
158 99.0 0.0 188.6



#74
n-propylbenzene
Concen: 4.143 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 91 Resp: 100961
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.0

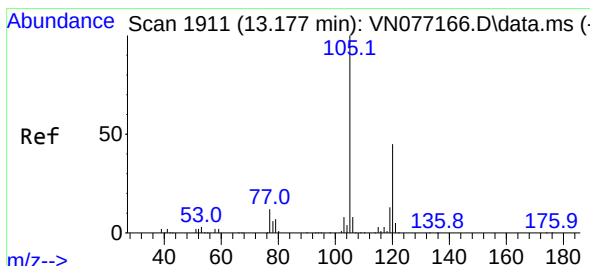
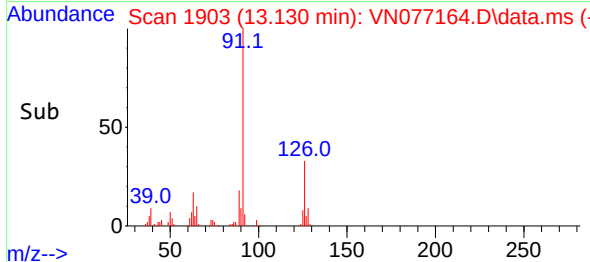
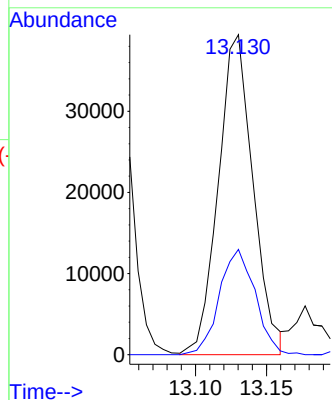
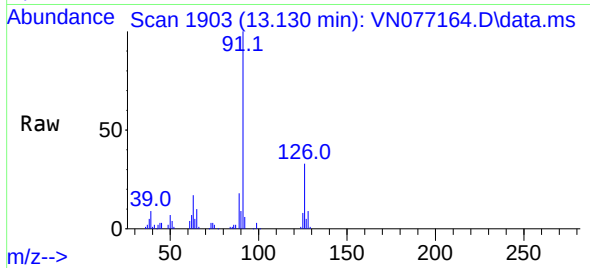




#75
2-Chlorotoluene
Concen: 4.454 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

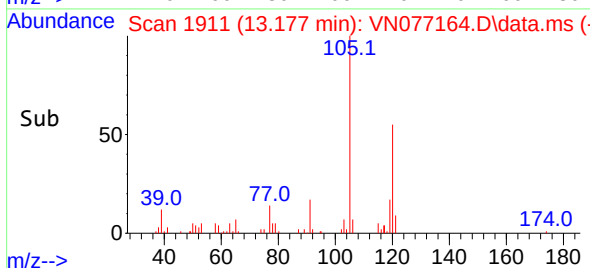
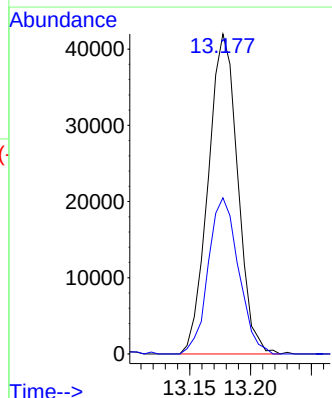
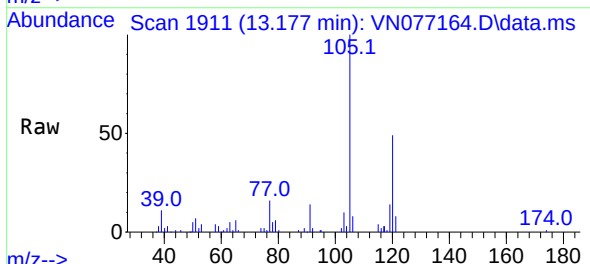
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

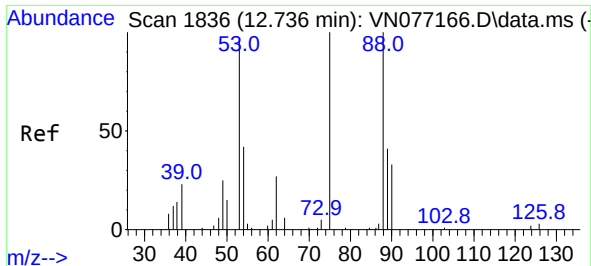
Tgt Ion: 91 Resp: 67162
Ion Ratio Lower Upper
91 100
126 33.9 0.0 66.4



#76
1,3,5-Trimethylbenzene
Concen: 3.958 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 105 Resp: 70919
Ion Ratio Lower Upper
105 100
120 50.0 0.0 103.2

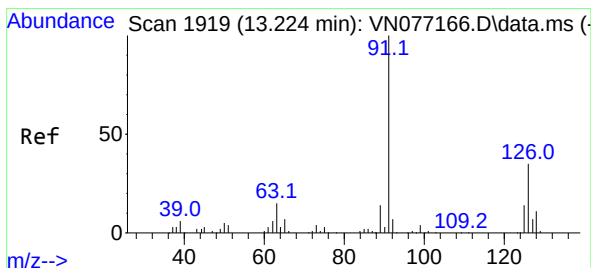
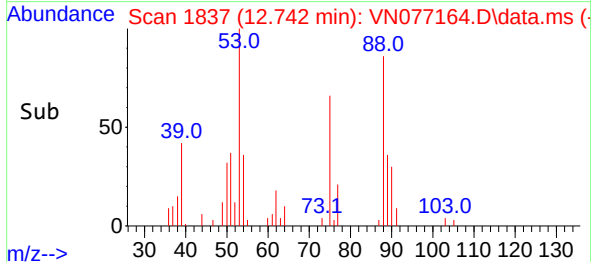
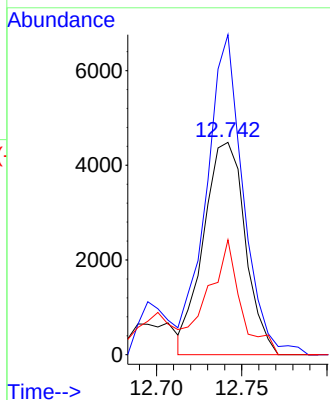
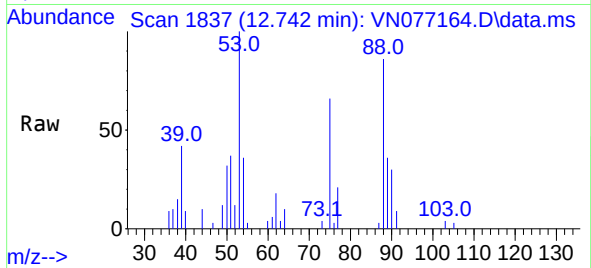




#77
t-1,4-Dichloro-2-butene
Concen: 4.306 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

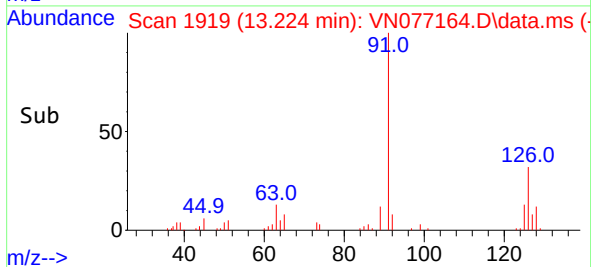
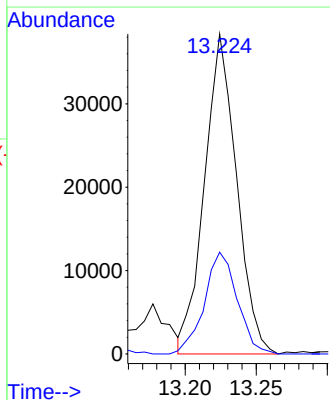
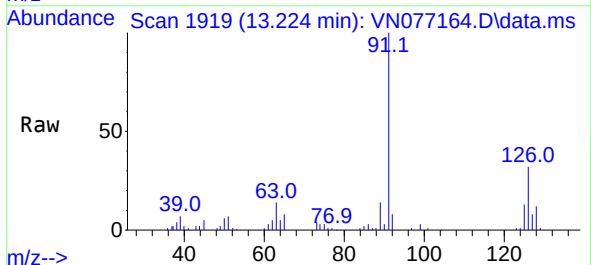
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

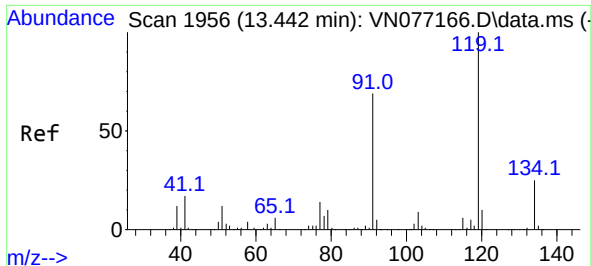
Tgt Ion: 75 Resp: 7630
Ion Ratio Lower Upper
75 100
53 146.9 50.4 151.3
89 54.1 22.1 66.5



#78
4-Chlorotoluene
Concen: 4.153 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 91 Resp: 60256
Ion Ratio Lower Upper
91 100
126 32.7 0.0 70.6





#79

tert-butylbenzene

Concen: 4.153 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077164.D

Acq: 23 Mar 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

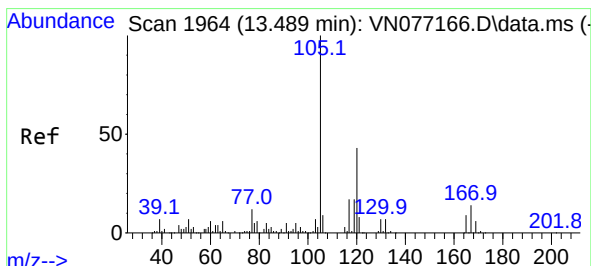
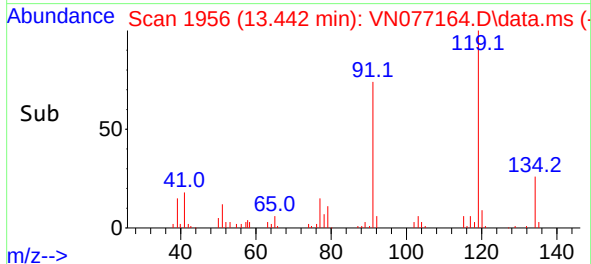
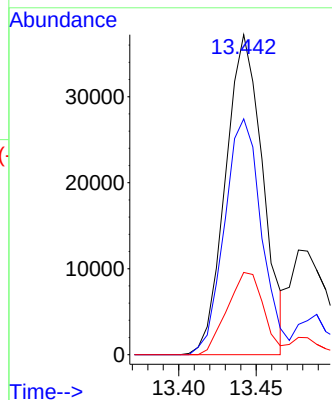
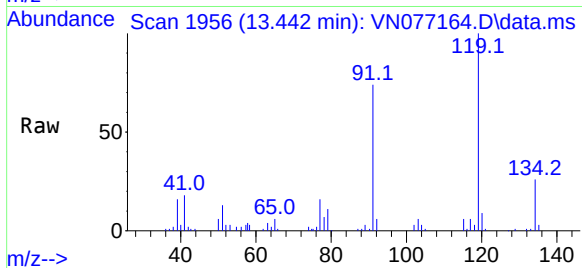
Tgt Ion:119 Resp: 62335

Ion Ratio Lower Upper

119 100

91 73.6 0.0 129.6

134 24.9 0.0 47.8



#80

1,2,4-Trimethylbenzene

Concen: 3.937 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN077164.D

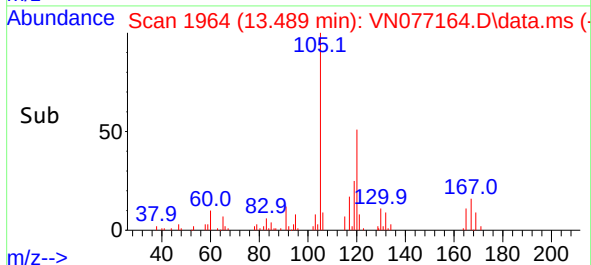
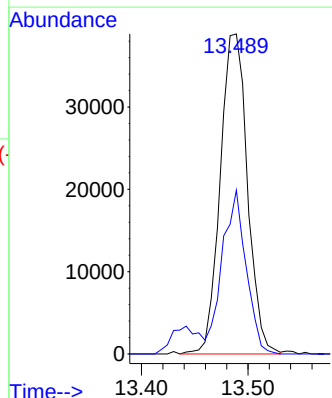
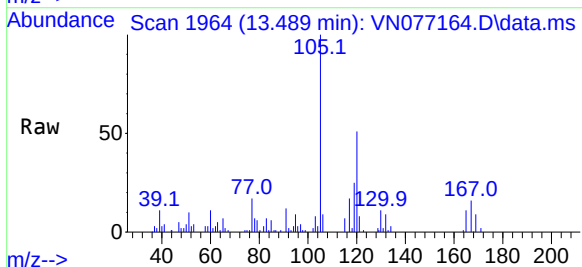
Acq: 23 Mar 2023 22:10

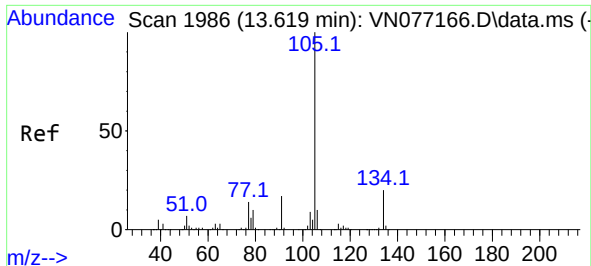
Tgt Ion:105 Resp: 69049

Ion Ratio Lower Upper

105 100

120 44.9 0.0 93.2

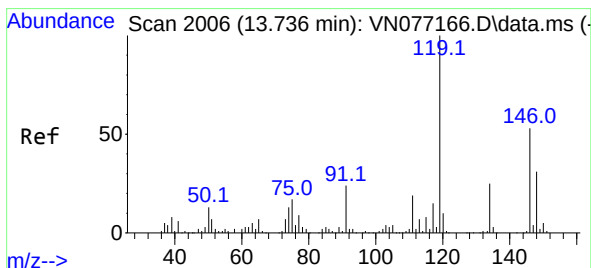
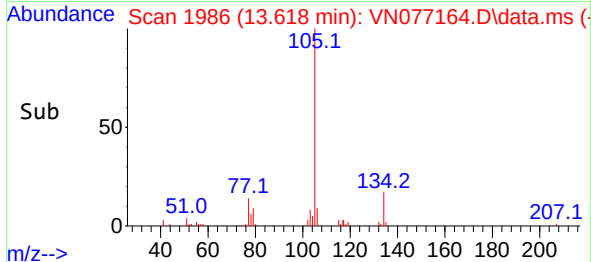
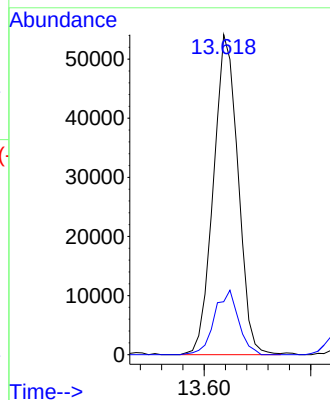
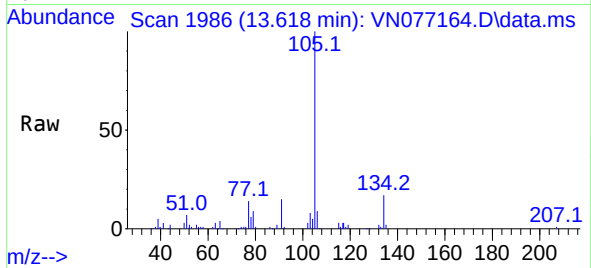




#81
 sec-Butylbenzene
 Concen: 4.065 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077164.D
 Acq: 23 Mar 2023 22:10

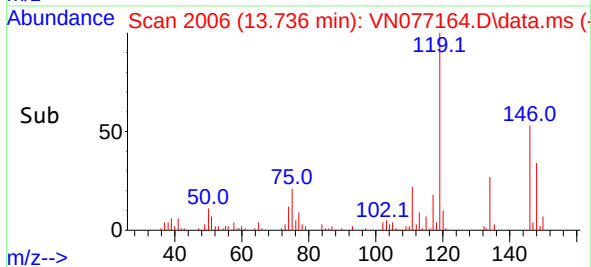
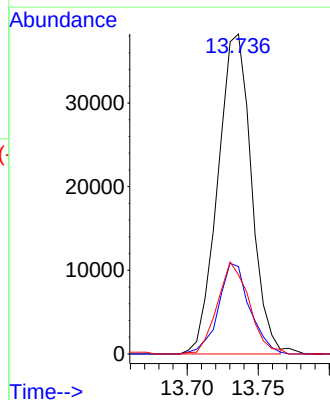
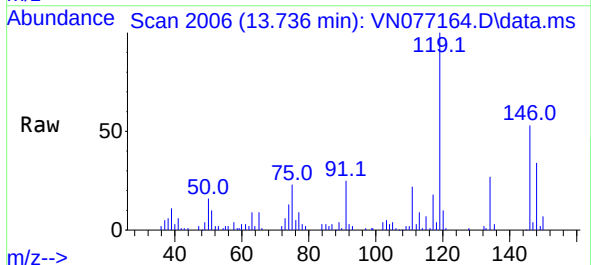
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

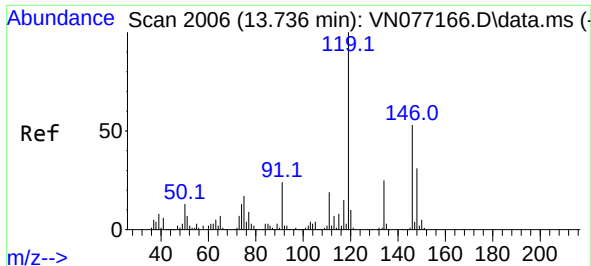
Tgt Ion:105 Resp: 86783
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 3.652 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077164.D
 Acq: 23 Mar 2023 22:10

Tgt Ion:119 Resp: 62758
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.4
 91 27.3 0.0 47.2

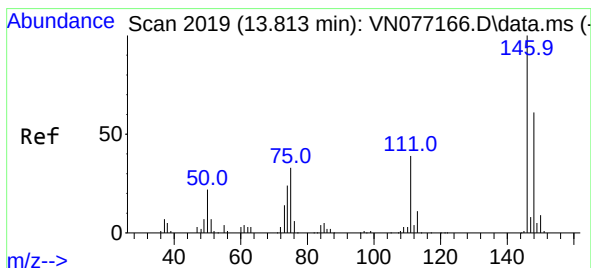
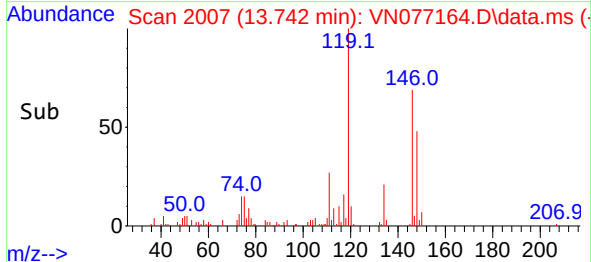
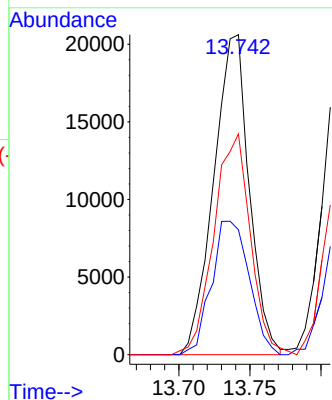
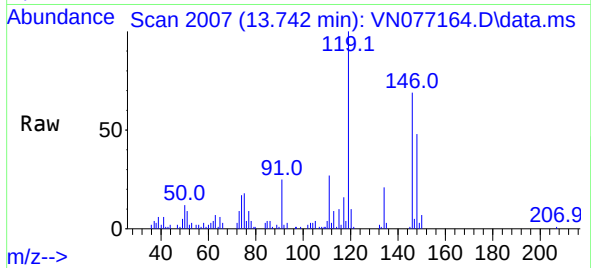




#83
1,3-Dichlorobenzene
Concen: 4.135 ug/l
RT: 13.742 min Scan# 2006
Delta R.T. 0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

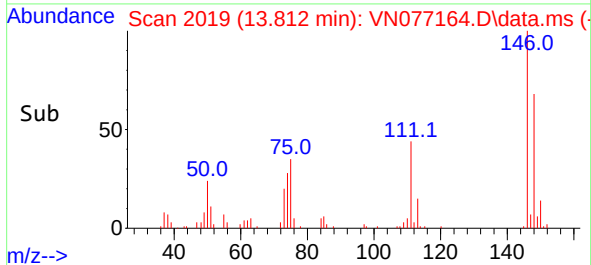
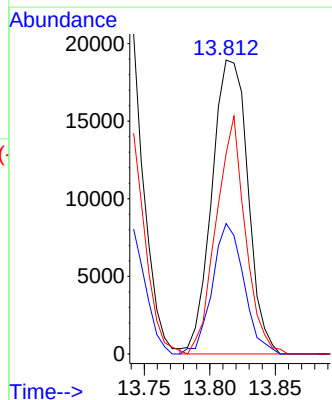
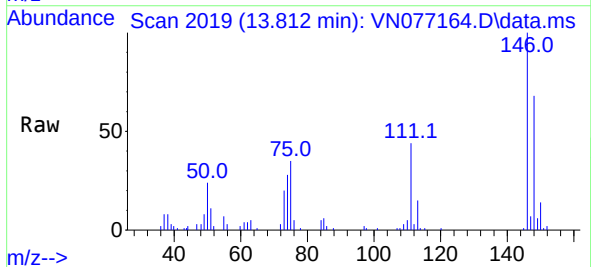
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

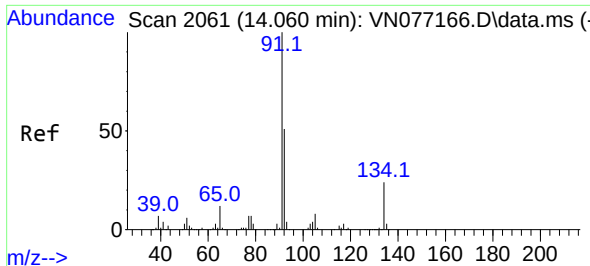
Tgt Ion:146 Resp: 35924
Ion Ratio Lower Upper
146 100
111 44.3 20.3 60.8
148 70.7 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 4.307 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion:146 Resp: 36176
Ion Ratio Lower Upper
146 100
111 38.8 18.2 54.6
148 65.4 31.1 93.2

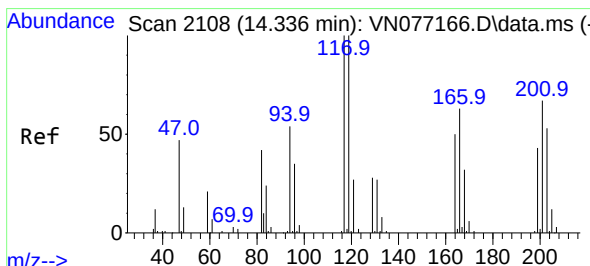
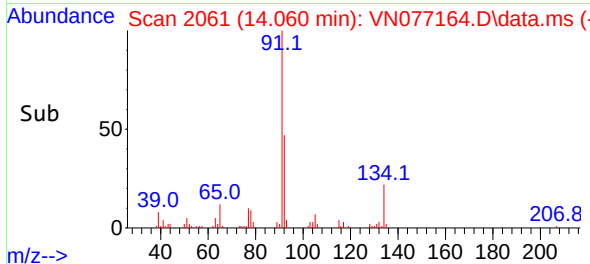
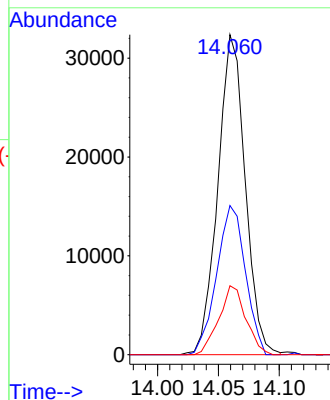
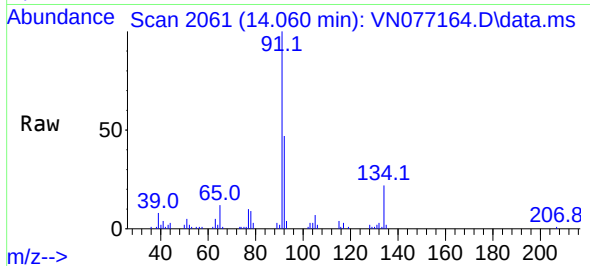




#85
n-Butylbenzene
Concen: 3.494 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

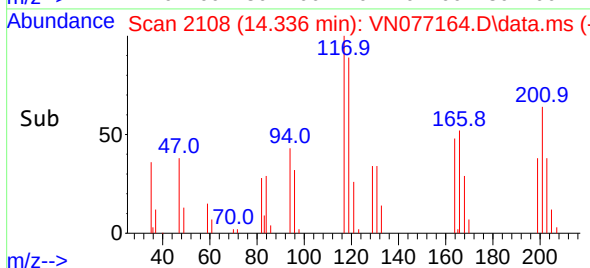
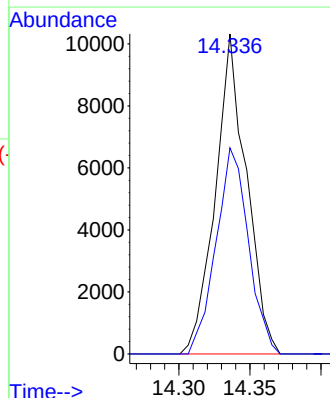
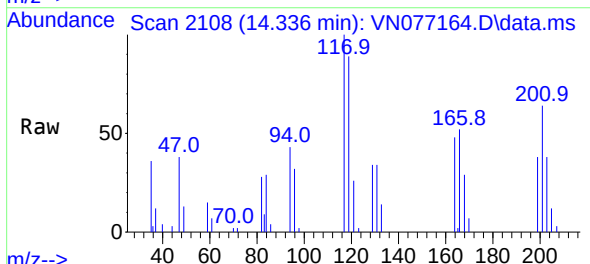
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

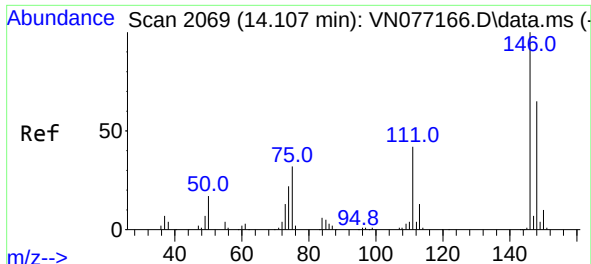
Tgt Ion: 91 Resp: 50587
Ion Ratio Lower Upper
91 100
92 48.9 0.0 103.2
134 21.2 0.0 50.0



#86
Hexachloroethane
Concen: 5.025 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion: 117 Resp: 15719
Ion Ratio Lower Upper
117 100
201 67.2 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 4.449 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077164.D

Acq: 23 Mar 2023 22:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

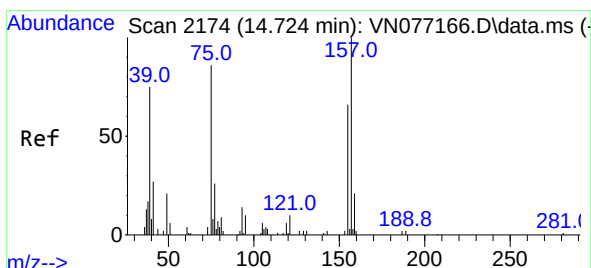
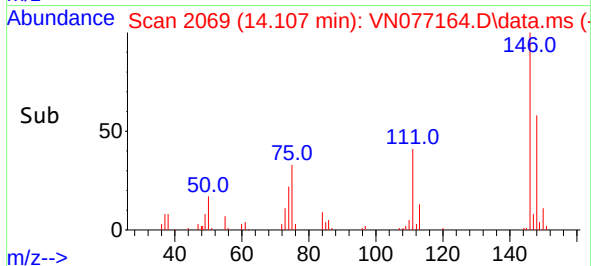
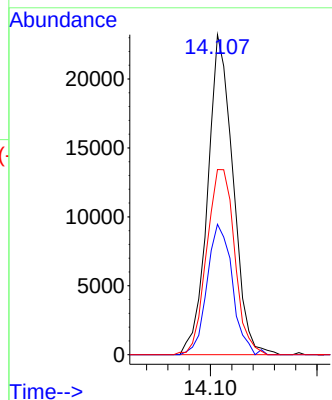
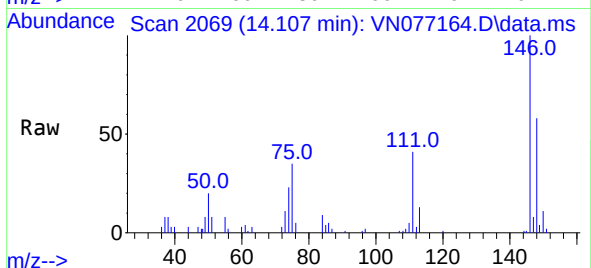
Tgt Ion:146 Resp: 38436

Ion Ratio Lower Upper

146 100

111 40.3 20.5 61.6

148 63.8 32.5 97.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.825 ug/l

RT: 14.718 min Scan# 2173

Delta R.T. -0.006 min

Lab File: VN077164.D

Acq: 23 Mar 2023 22:10

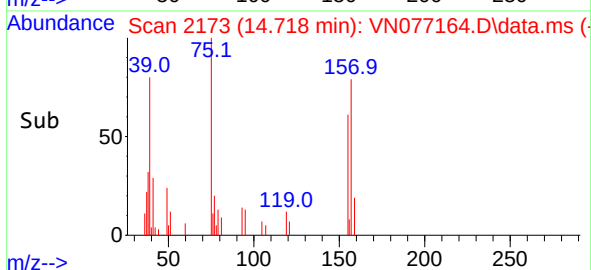
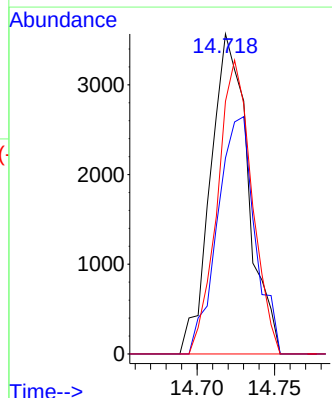
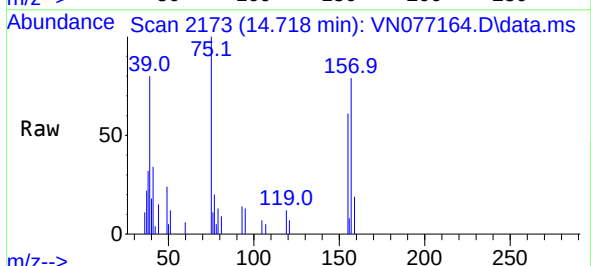
Tgt Ion: 75 Resp: 6012

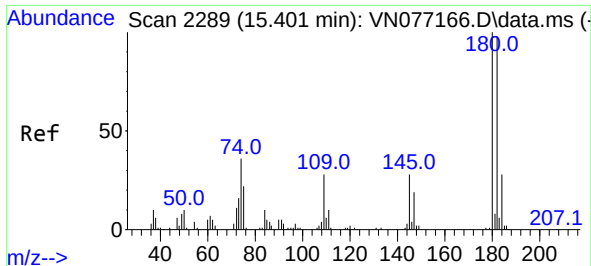
Ion Ratio Lower Upper

75 100

155 74.0 62.5 93.7

157 84.3 77.5 116.3

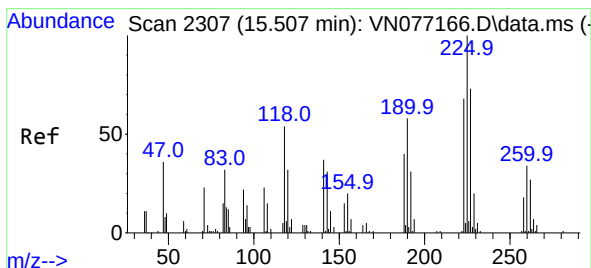
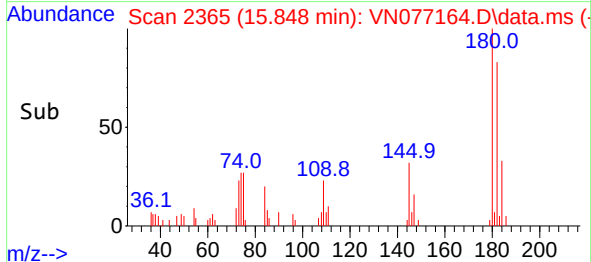
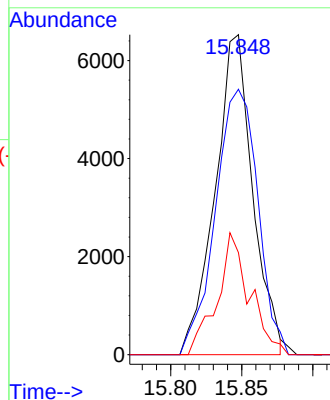
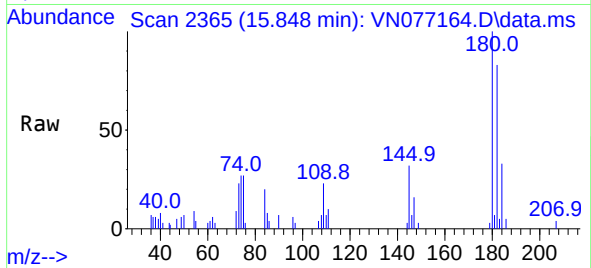




#89
 1,2,4-Trichlorobenzene
 Concen: 2.726 ug/l
 RT: 15.848 min Scan# 21
 Delta R.T. 0.447 min
 Lab File: VN077164.D
 Acq: 23 Mar 2023 22:10

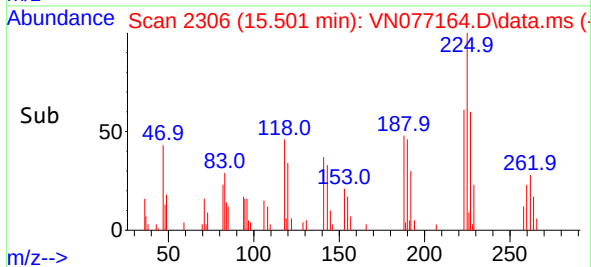
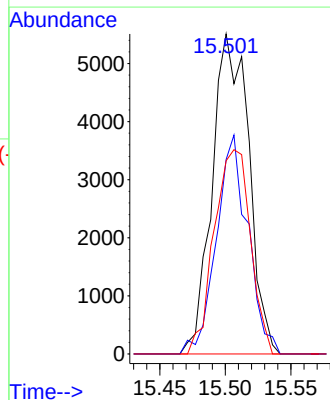
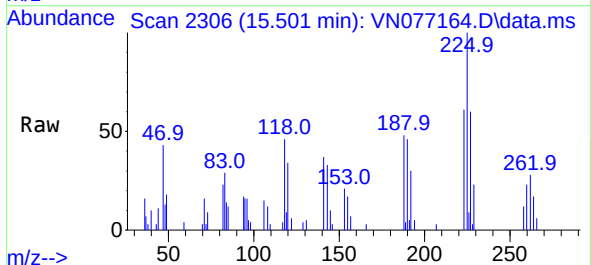
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

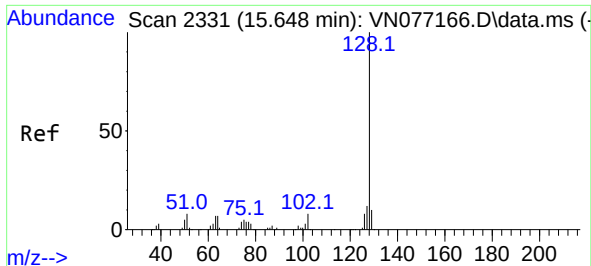
Tgt Ion:180 Resp: 12015
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.6 115.0
 145 33.0 24.6 36.8



#90
 Hexachlorobutadiene
 Concen: 4.501 ug/l
 RT: 15.501 min Scan# 2306
 Delta R.T. -0.006 min
 Lab File: VN077164.D
 Acq: 23 Mar 2023 22:10

Tgt Ion:225 Resp: 10693
 Ion Ratio Lower Upper
 225 100
 223 58.7 0.0 135.4
 227 63.2 0.0 129.4

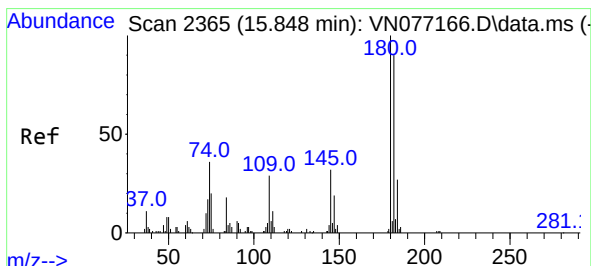
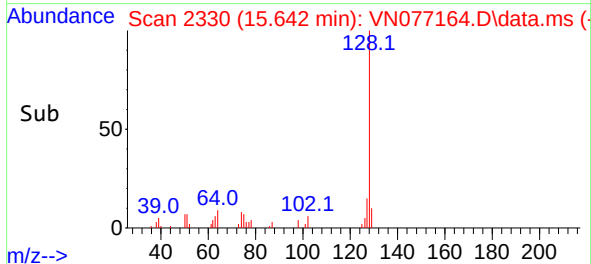
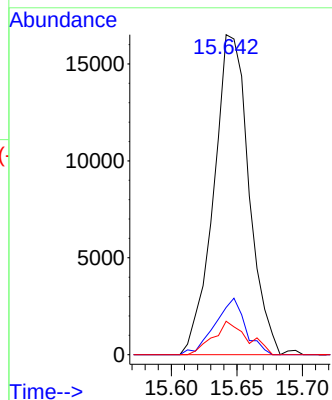
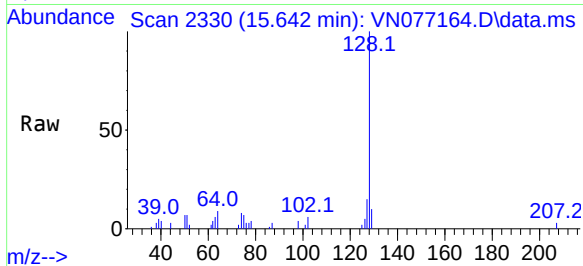




#91
Naphthalene
Concen: 2.203 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 30827
Ion Ratio Lower Upper
128 100
127 15.3 11.0 16.6
129 8.6 8.9 13.3#



#92
1,2,3-Trichlorobenzene
Concen: 2.731 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. -0.000 min
Lab File: VN077164.D
Acq: 23 Mar 2023 22:10

Tgt Ion:180 Resp: 12072
Ion Ratio Lower Upper
180 100
182 93.2 0.0 190.8
145 32.9 0.0 65.0

