

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077623.D
 Acq On : 09 May 2023 10:34
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: May 09 13:26:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	621295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1105907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	941749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	332413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	10033	1.273	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.540%#
35) Dibromofluoromethane	8.166	113	10665	1.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	3.100%#
50) Toluene-d8	10.572	98	27290	1.045	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.100%#
62) 4-Bromofluorobenzene	12.848	95	9196	1.041	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.080%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	6100	0.878	ug/l	82
3) Chloromethane	2.372	50	8123	Below Cal		94
4) Vinyl Chloride	2.525	62	8752	1.056	ug/l	91
5) Bromomethane	2.966	94	8861	1.347	ug/l	89
6) Chloroethane	3.125	64	6781	1.180	ug/l	94
7) Trichlorofluoromethane	3.507	101	11883	0.915	ug/l	97
8) Diethyl Ether	3.978	74	3627	0.950	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.390	101	6817	1.051	ug/l #	66
10) Methyl Iodide	4.584	142	9316	0.972	ug/l	92
11) Tert butyl alcohol	5.537	59	5312	5.731	ug/l #	78
12) 1,1-Dichloroethene	4.354	96	6389	1.036	ug/l #	69
13) Acrolein	4.201	56	4172	4.644	ug/l #	74
14) Allyl chloride	5.031	41	6278	1.025	ug/l #	58
15) Acrylonitrile	5.731	53	11196	4.883	ug/l #	94
16) Acetone	4.437	43	5396	2.875	ug/l	97
17) Carbon Disulfide	4.713	76	15401	1.039	ug/l #	93
18) Methyl Acetate	5.031	43	8237	1.111	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	20365	1.004	ug/l #	90
20) Methylene Chloride	5.284	84	9721	1.254	ug/l #	87
21) trans-1,2-Dichloroethene	5.801	96	7295	1.046	ug/l #	73
22) Diisopropyl ether	6.672	45	7627	0.504	ug/l #	54
23) Vinyl Acetate	6.613	43	32791	3.801	ug/l #	90
24) 1,1-Dichloroethane	6.578	63	12230	1.067	ug/l #	91
25) 2-Butanone	7.507	43	15496	5.666	ug/l #	83
26) 2,2-Dichloropropane	7.495	77	10525	1.013	ug/l	94
27) cis-1,2-Dichloroethene	7.489	96	9424	1.111	ug/l	89
28) Bromochloromethane	7.831	49	4828	1.155	ug/l #	93
29) Tetrahydrofuran	7.848	42	8465	5.039	ug/l	92
30) Chloroform	7.972	83	14338	1.056	ug/l	93
31) Cyclohexane	8.242	56	22269	2.211	ug/l #	65
32) 1,1,1-Trichloroethane	8.178	97	13070	1.045	ug/l #	48
36) 1,1-Dichloropropene	8.378	75	10462	1.099	ug/l #	52
37) Ethyl Acetate	7.560	43	6234	1.145	ug/l #	71
38) Carbon Tetrachloride	8.372	117	10897	1.048	ug/l #	69
39) Methylcyclohexane	9.601	83	11089	0.938	ug/l	92
40) Benzene	8.607	78	30680	1.065	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	3191	1.073	ug/l #	78
42) 1,2-Dichloroethane	8.672	62	10386	1.076	ug/l	99
43) Isopropyl Acetate	8.701	43	9313	0.976	ug/l #	62
44) Trichloroethene	9.354	130	8511	1.125	ug/l	96
45) 1,2-Dichloropropane	9.630	63	7363	1.112	ug/l	94
46) Dibromomethane	9.713	93	4976	0.966	ug/l	87
47) Bromodichloromethane	9.889	83	9704	0.965	ug/l #	87
48) Methyl methacrylate	9.683	41	4772	1.065	ug/l	91
49) 1,4-Dioxane	9.689	88	2923	21.945	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	28707	5.113	ug/l	97
52) Toluene	10.630	92	19748	1.031	ug/l	93
53) t-1,3-Dichloropropene	10.836	75	9296	0.948	ug/l #	86
54) cis-1,3-Dichloropropene	10.319	75	11709	1.050	ug/l #	89
55) 1,1,2-Trichloroethane	11.019	97	7929	1.068	ug/l	91
56) Ethyl methacrylate	10.877	69	8777	0.937	ug/l #	90
57) 1,3-Dichloropropane	11.166	76	12385	1.037	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.166	63	12737	6.809	ug/l #	87
59) 2-Hexanone	11.201	43	19332	4.872	ug/l	100
60) Dibromochloromethane	11.360	129	6454	0.875	ug/l	92
61) 1,2-Dibromoethane	11.477	107	6891	0.944	ug/l	95
64) Tetrachloroethene	11.107	164	5840	1.042	ug/l	85
65) Chlorobenzene	11.895	112	19211	0.992	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.960	131	6969	0.999	ug/l #	54
67) Ethyl Benzene	11.966	91	32380	0.953	ug/l #	83
68) m/p-Xylenes	12.071	106	25007	1.858	ug/l	93
69) o-Xylene	12.401	106	13689	1.015	ug/l	86
70) Styrene	12.413	104	16933	0.820	ug/l	92
71) Bromoform	12.571	173	3954	0.934	ug/l #	89
73) Isopropylbenzene	12.701	105	29774	1.004	ug/l	99
74) N-amyl acetate	12.501	43	6753	1.032	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.936	83	9042	1.109	ug/l	87
76) 1,2,3-Trichloropropane	13.001	75	10219	1.561	ug/l	76
77) Bromobenzene	12.977	156	7545	1.149	ug/l	86
78) n-propylbenzene	13.036	91	29268	0.919	ug/l	98
79) 2-Chlorotoluene	13.124	91	21799	1.075	ug/l	98
80) 1,3,5-Trimethylbenzene	13.183	105	19050	0.840	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	1734	0.805	ug/l #	32
82) 4-Chlorotoluene	13.224	91	19050	1.002	ug/l	99
83) tert-Butylbenzene	13.442	119	22473	1.054	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	17709	0.831	ug/l	98
85) sec-Butylbenzene	13.618	105	26257	0.915	ug/l	96
86) p-Isopropyltoluene	13.736	119	19336	0.862	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	12408	1.087	ug/l	97
88) 1,4-Dichlorobenzene	13.736	146	12408	1.093	ug/l	96
89) n-Butylbenzene	14.065	91	15851	0.891	ug/l	96
90) Hexachloroethane	14.330	117	4398	1.022	ug/l	91
91) 1,2-Dichlorobenzene	14.113	146	12017	1.059	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	1698	1.177	ug/l	92
93) 1,2,4-Trichlorobenzene	15.389	180	2665	5.080	ug/l	90
94) Hexachlorobutadiene	15.501	225	2702	1.114	ug/l	84
95) Naphthalene	15.636	128	7016	5.117	ug/l	97
96) 1,2,3-Trichlorobenzene	15.842	180	2413	4.986	ug/l	68

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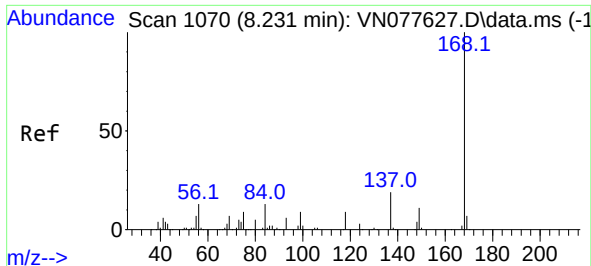
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QLast Update : Tue May 09 13:25:20 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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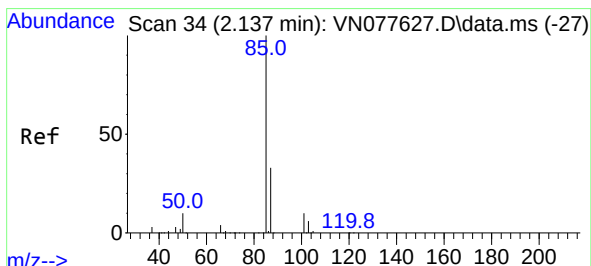
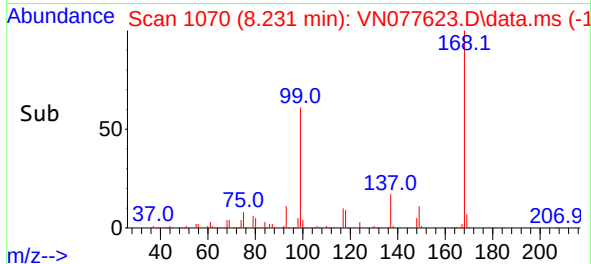
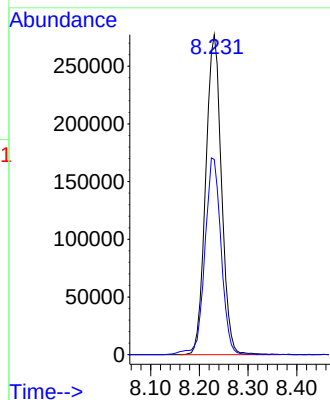
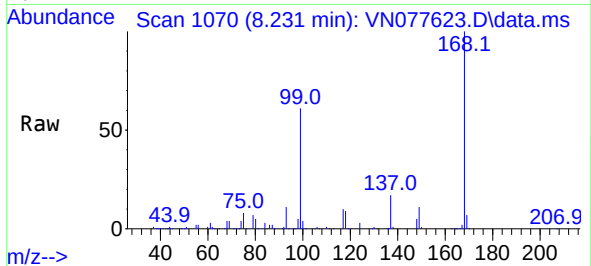




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077623.D
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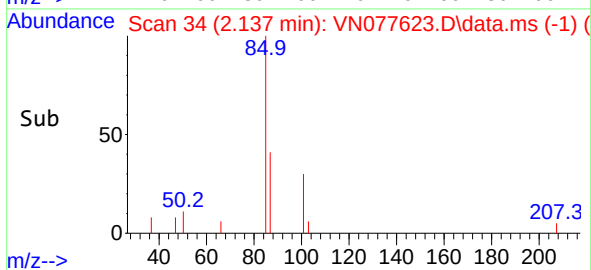
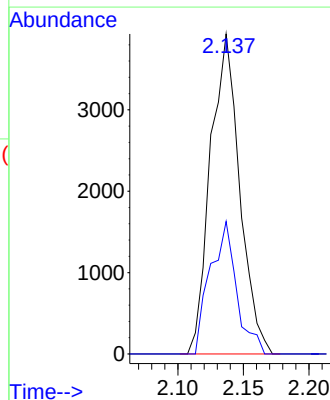
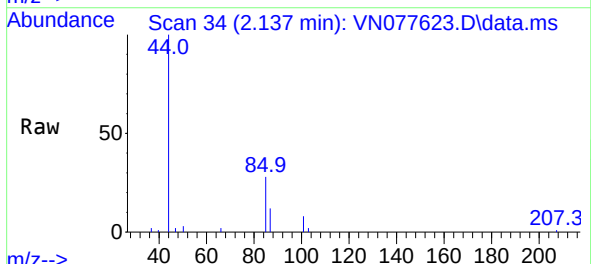
Instrument :
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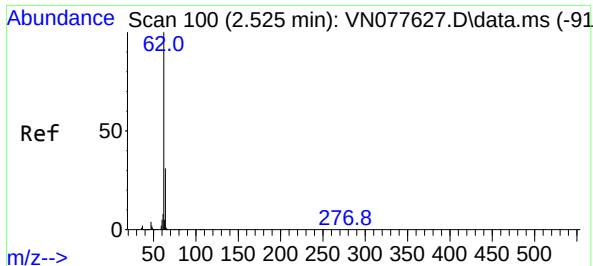
Tgt Ion:168 Resp: 621295
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.878 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 85 Resp: 6100
Ion Ratio Lower Upper
85 100
87 41.4 15.8 47.4

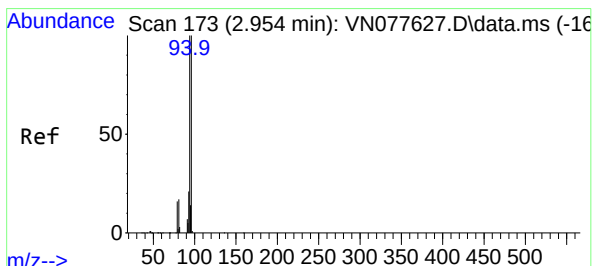
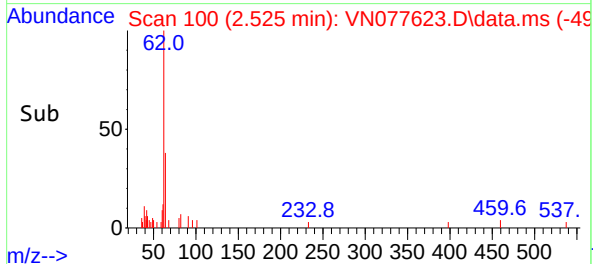
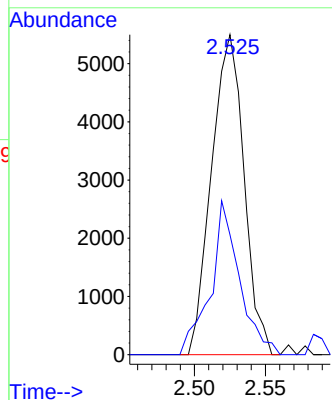
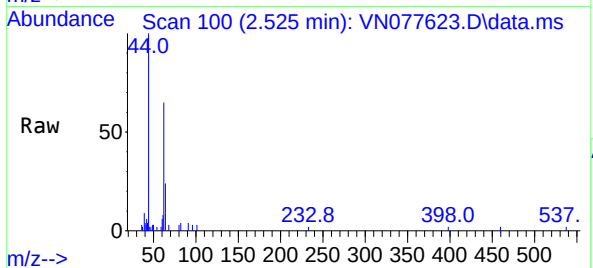




#4
 Vinyl Chloride
 Concen: 1.056 ug/l
 RT: 2.525 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VN077623.D
 Acq: 09 May 2023 10:34

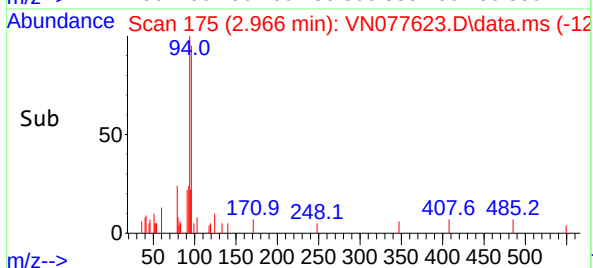
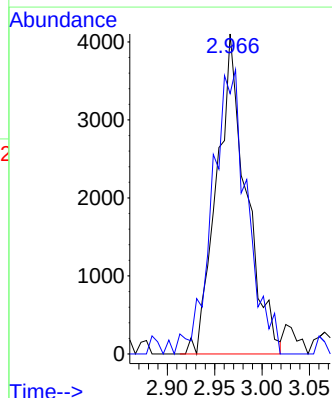
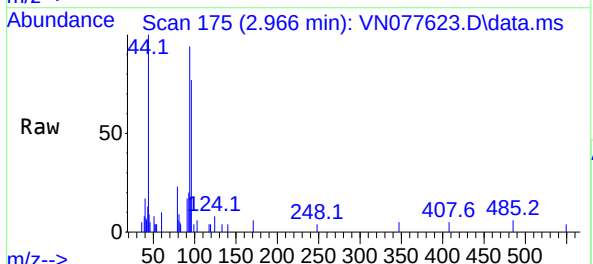
Instrument :
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 ClientSampleId :
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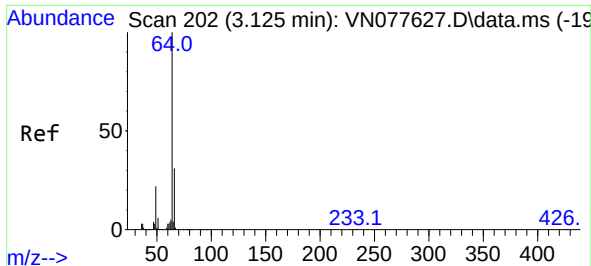
Tgt Ion: 62 Resp: 8752
 Ion Ratio Lower Upper
 62 100
 64 37.5 26.2 39.2



#5
 Bromomethane
 Concen: 1.347 ug/l
 RT: 2.966 min Scan# 175
 Delta R.T. 0.012 min
 Lab File: VN077623.D
 Acq: 09 May 2023 10:34

Tgt Ion: 94 Resp: 8861
 Ion Ratio Lower Upper
 94 100
 96 81.4 73.1 109.7

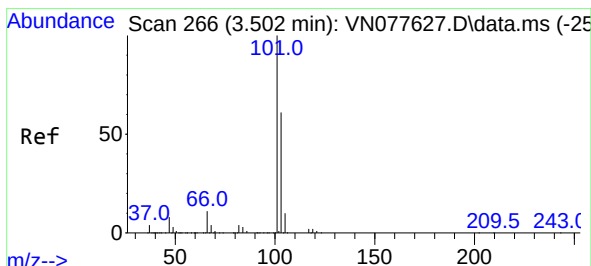
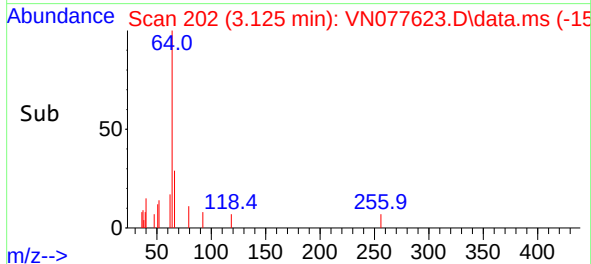
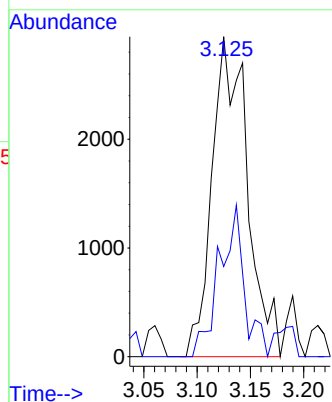
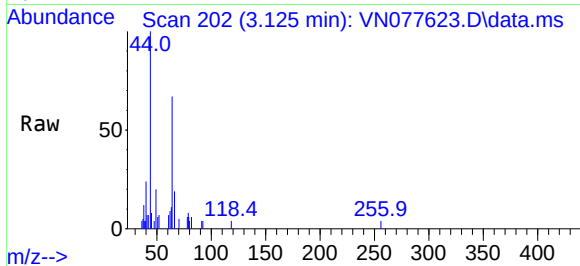




#6
Chloroethane
Concen: 1.180 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

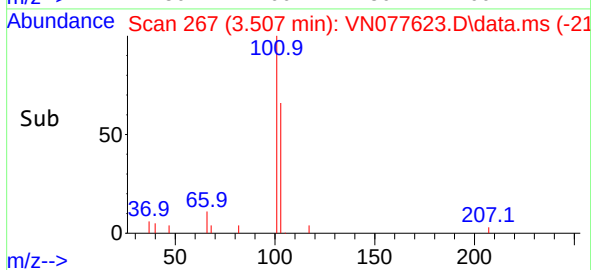
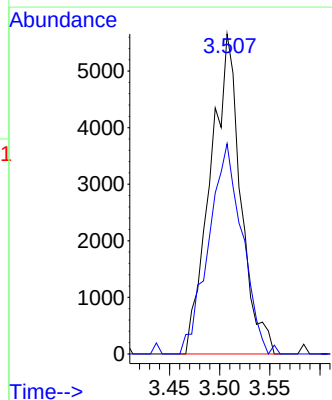
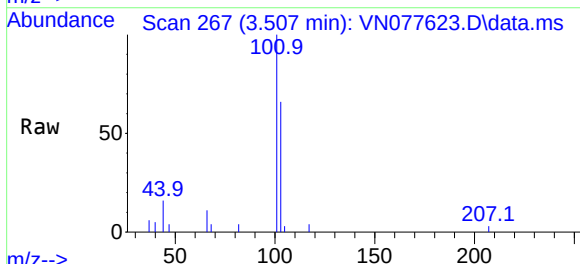
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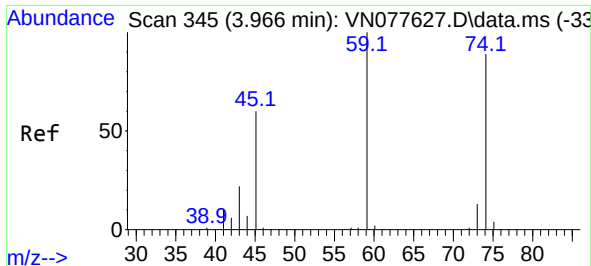
Tgt Ion: 64 Resp: 6781
Ion Ratio Lower Upper
64 100
66 28.2 25.4 38.2



#7
Trichlorofluoromethane
Concen: 0.915 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 101 Resp: 11883
Ion Ratio Lower Upper
101 100
103 65.7 50.7 76.1

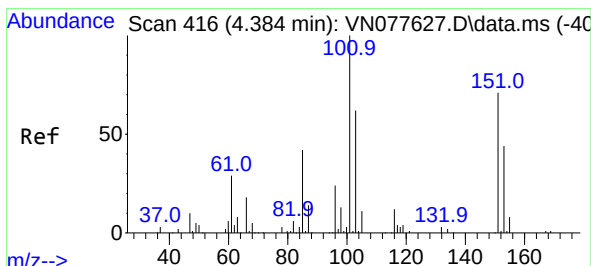
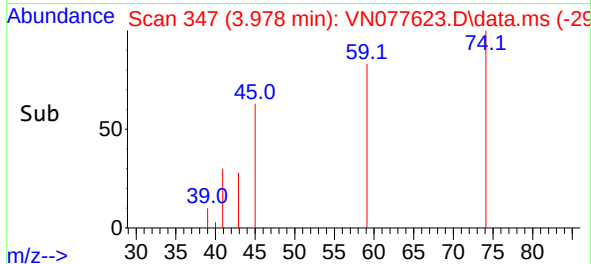
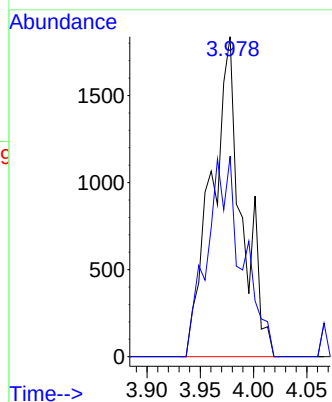
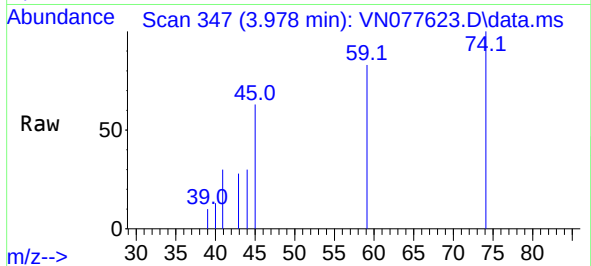




#8
Diethyl Ether
Concen: 0.950 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.012 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

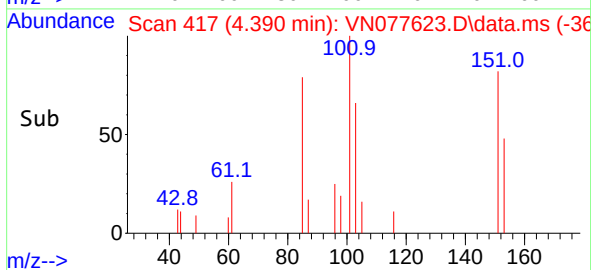
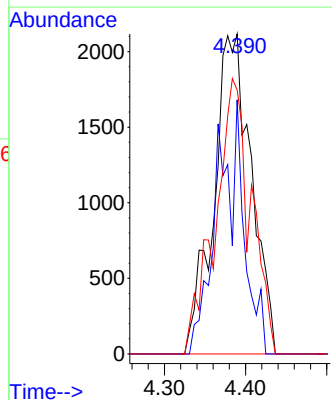
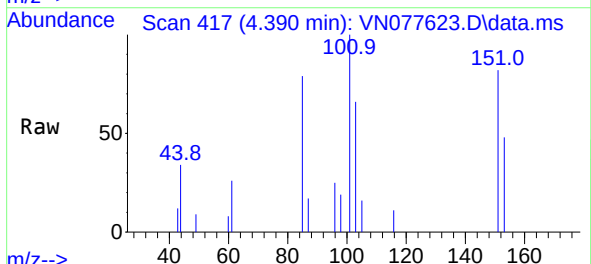
Instrument :
MSVOA_N
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VSTDIC001

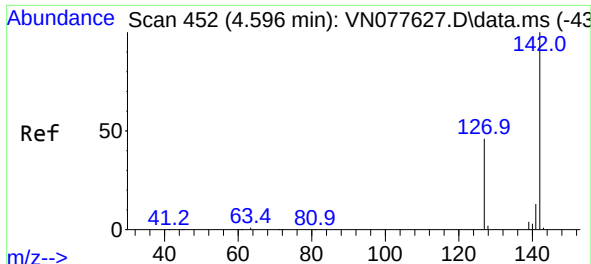
Tgt Ion: 74 Resp: 3627
Ion Ratio Lower Upper
74 100
45 73.2 34.4 103.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.051 ug/l
RT: 4.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: VN077623.D
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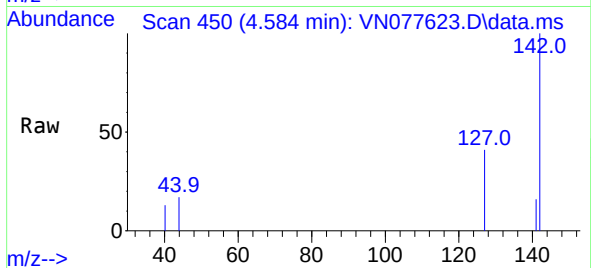
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Ion Ratio Lower Upper
101 100
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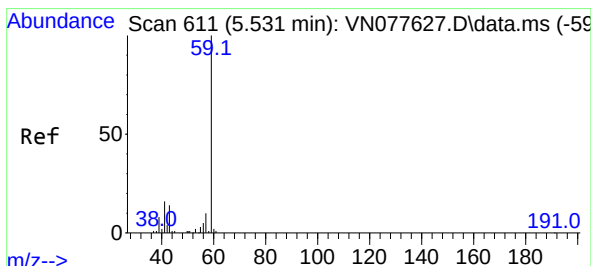
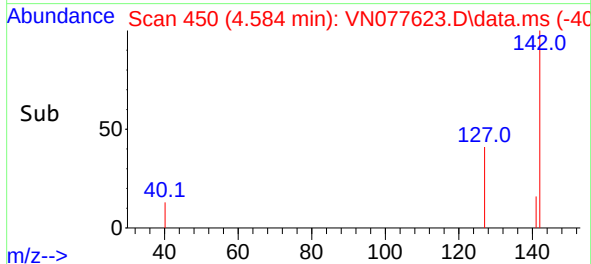
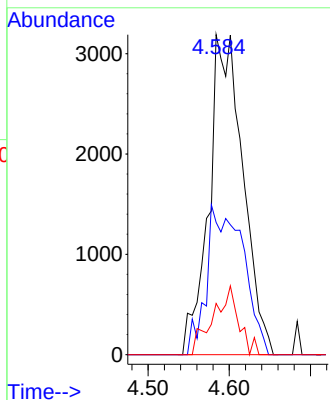


#10
Methyl Iodide
Concen: 0.972 ug/l
RT: 4.584 min Scan# 410
Delta R.T. -0.012 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

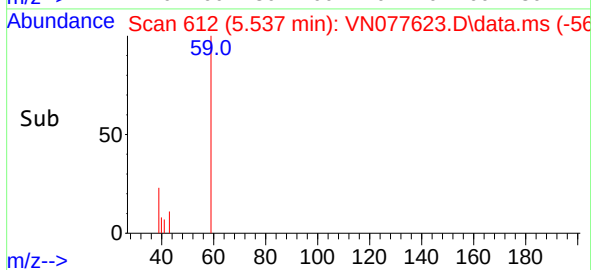
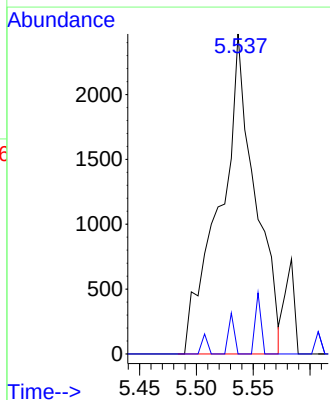
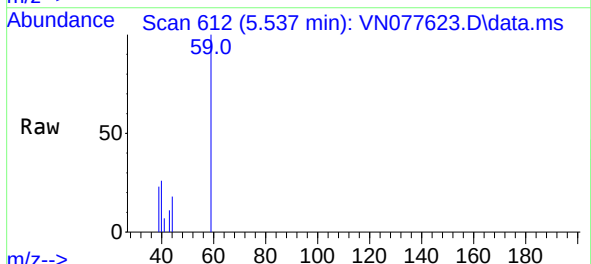


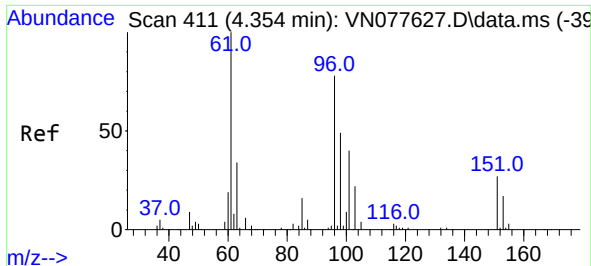
Tgt Ion:142 Resp: 9316
Ion Ratio Lower Upper
142 100
127 41.4 37.6 56.4
141 16.0 11.4 17.0



#11
Tert butyl alcohol
Concen: 5.731 ug/l
RT: 5.537 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 59 Resp: 5312
Ion Ratio Lower Upper
59 100
57 2.1 8.2 12.4#

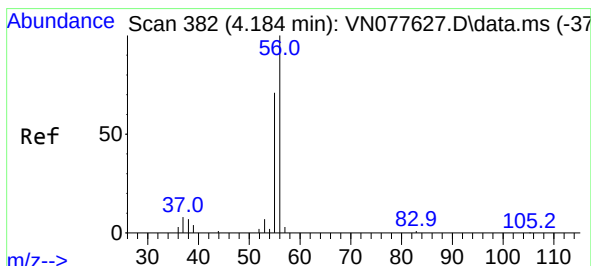
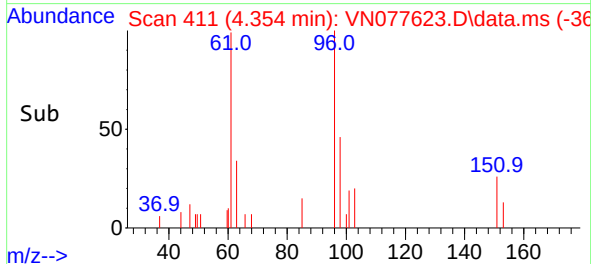
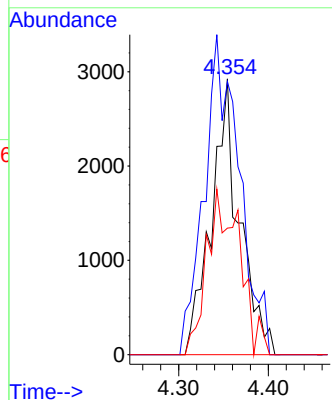
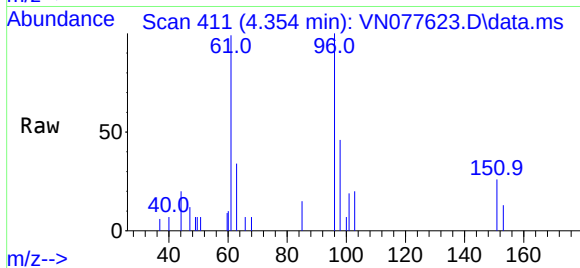




#12
1,1-Dichloroethene
Concen: 1.036 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

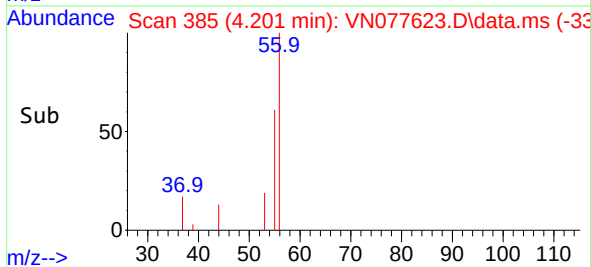
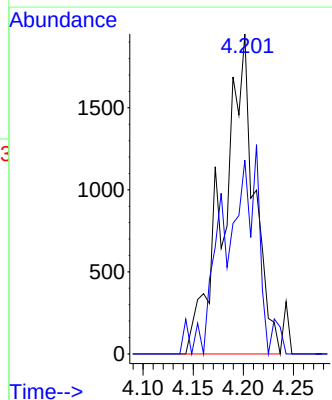
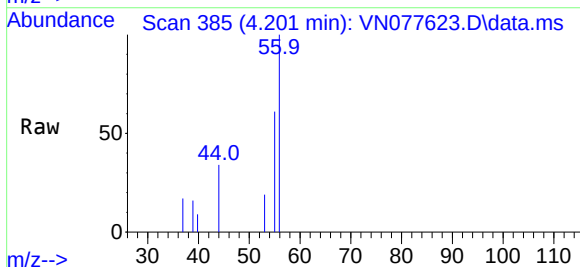
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

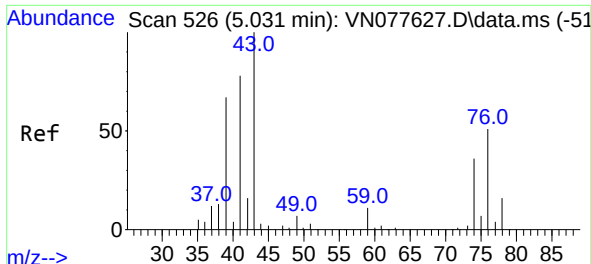
Tgt Ion: 96 Resp: 6389
Ion Ratio Lower Upper
96 100
61 99.0 112.7 169.1#
98 45.9 51.2 76.8#



#13
Acrolein
Concen: 4.644 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.018 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 56 Resp: 4172
Ion Ratio Lower Upper
56 100
55 47.1 54.5 81.7#

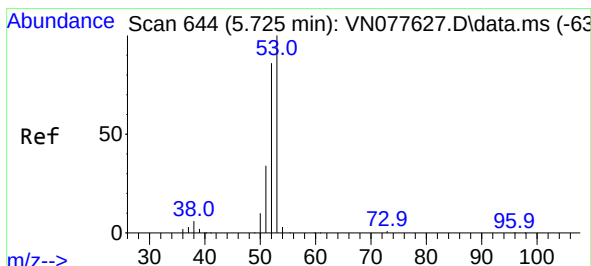
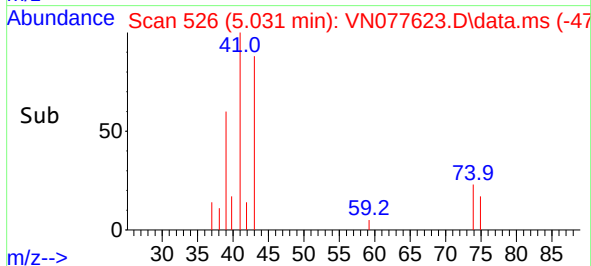
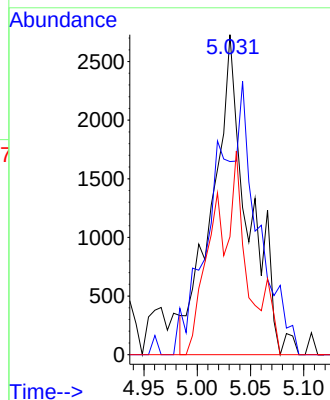
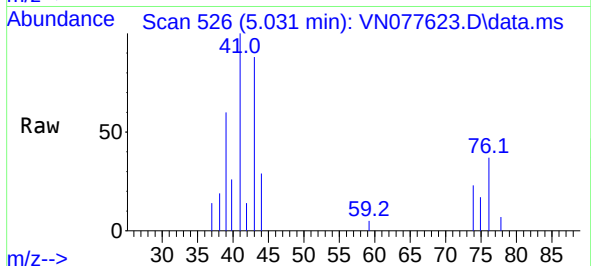




#14
 Allyl chloride
 Concen: 1.025 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077623.D
 Acq: 09 May 2023 10:34

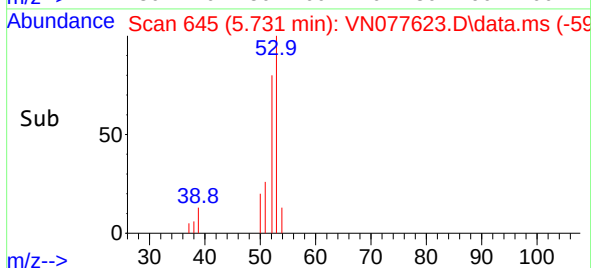
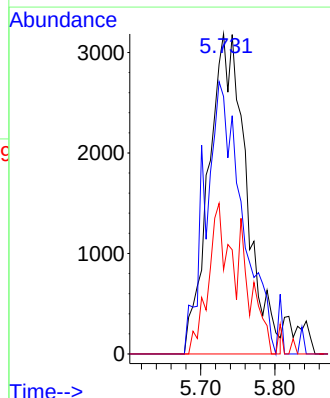
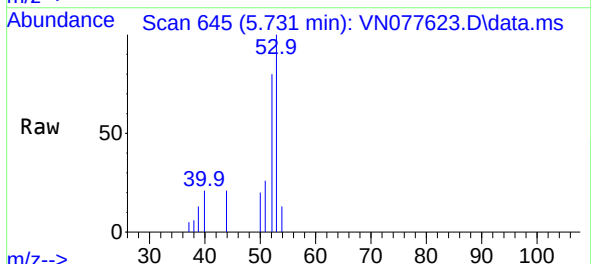
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

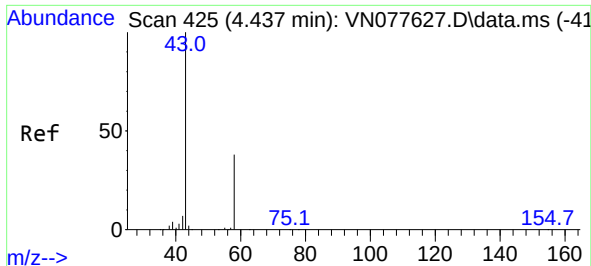
Tgt Ion:	41	Resp:	6278
Ion	Ratio	Lower	Upper
41	100		
39	106.5	58.8	88.2#
76	18.2	39.1	58.7#



#15
 Acrylonitrile
 Concen: 4.883 ug/l
 RT: 5.731 min Scan# 645
 Delta R.T. 0.006 min
 Lab File: VN077623.D
 Acq: 09 May 2023 10:34

Tgt Ion:	53	Resp:	11196
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.3	97.9
51	27.0	28.9	43.3#





#16

Acetone

Concen: 2.875 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077623.D

Acq: 09 May 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

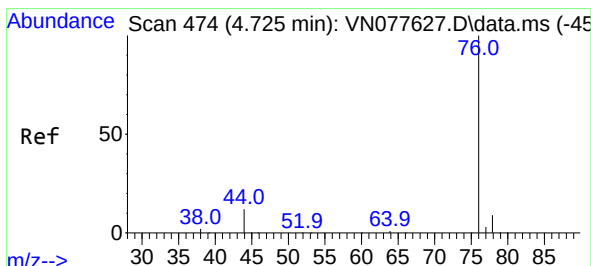
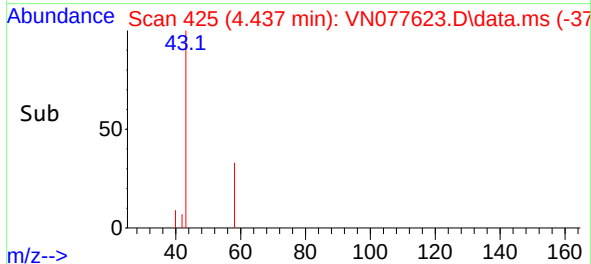
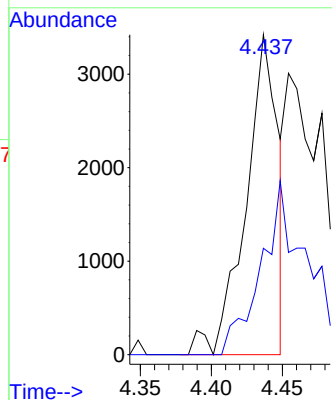
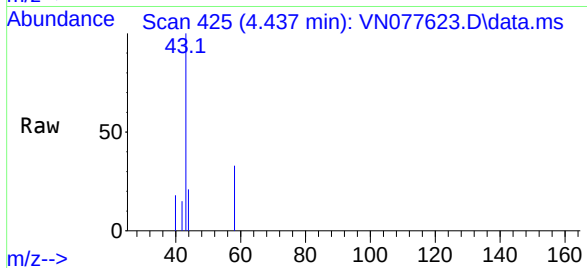
VSTDIC001

Tgt Ion: 43 Resp: 5396

Ion Ratio Lower Upper

43 100

58 33.2 28.0 42.0



#17

Carbon Disulfide

Concen: 1.039 ug/l

RT: 4.713 min Scan# 472

Delta R.T. -0.012 min

Lab File: VN077623.D

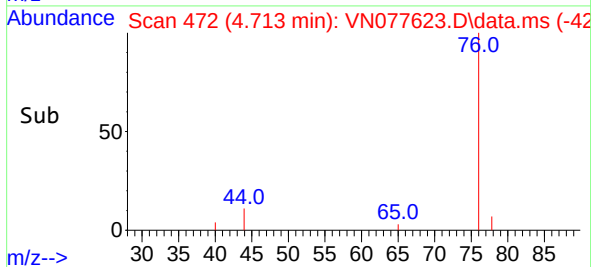
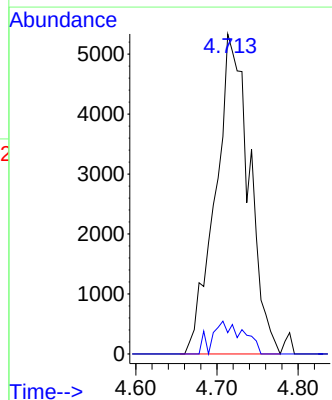
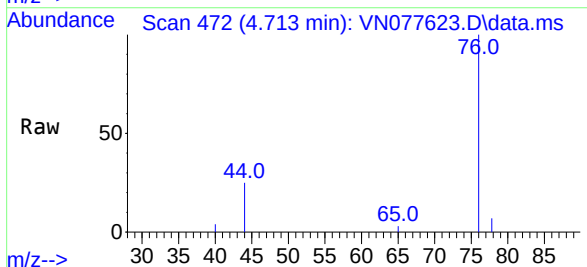
Acq: 09 May 2023 10:34

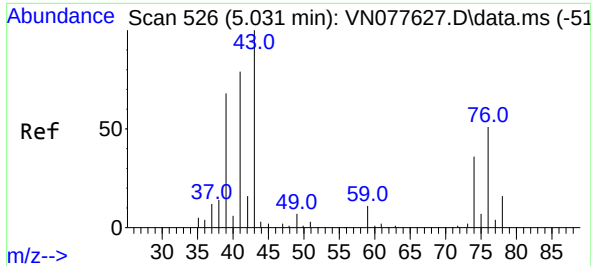
Tgt Ion: 76 Resp: 15401

Ion Ratio Lower Upper

76 100

78 6.7 7.4 11.0#





#18

Methyl Acetate

Concen: 1.111 ug/l

RT: 5.031 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN077623.D

Acq: 09 May 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

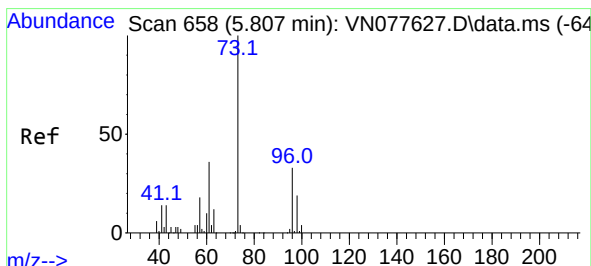
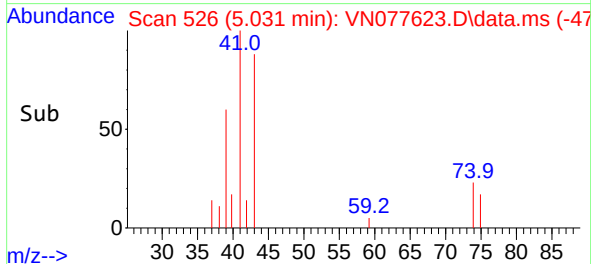
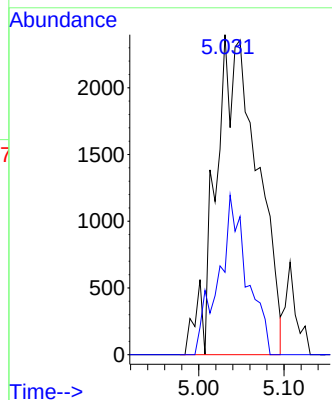
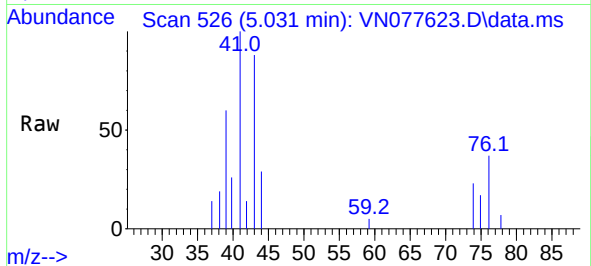
VSTDICC001

Tgt Ion: 43 Resp: 8237

Ion Ratio Lower Upper

43 100

74 34.2 26.2 39.4



#19

Methyl tert-butyl Ether

Concen: 1.004 ug/l

RT: 5.795 min Scan# 656

Delta R.T. -0.012 min

Lab File: VN077623.D

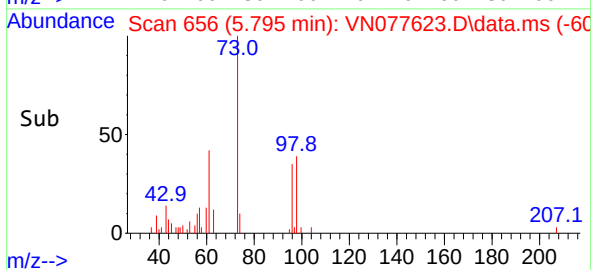
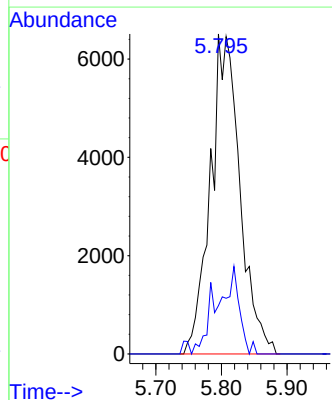
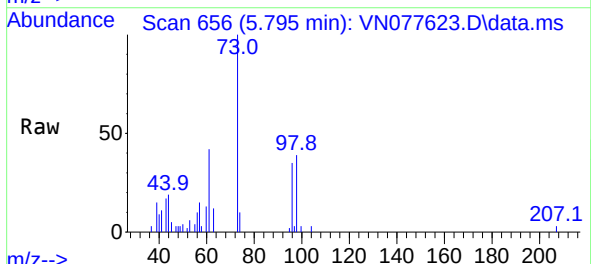
Acq: 09 May 2023 10:34

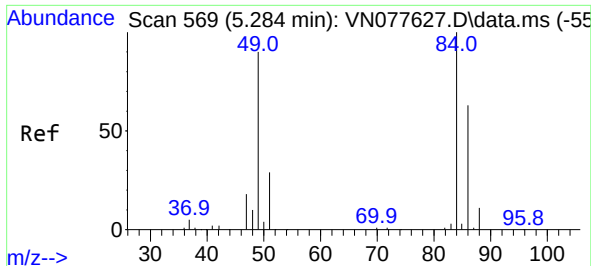
Tgt Ion: 73 Resp: 20365

Ion Ratio Lower Upper

73 100

57 15.1 15.6 23.4#

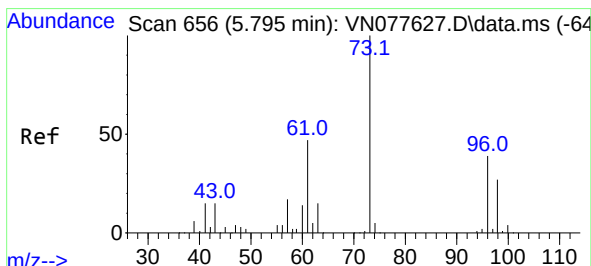
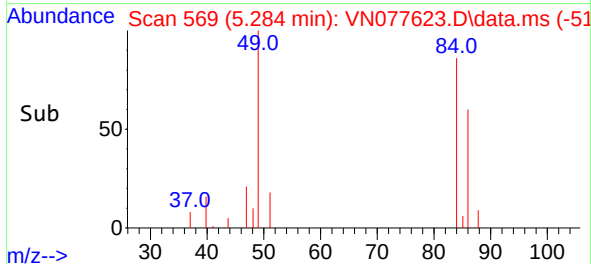
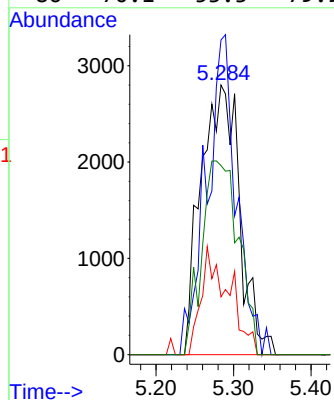
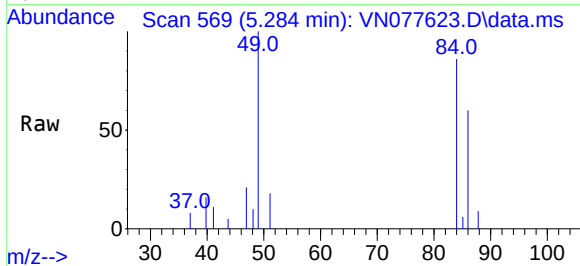




#20
Methylene Chloride
Concen: 1.254 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

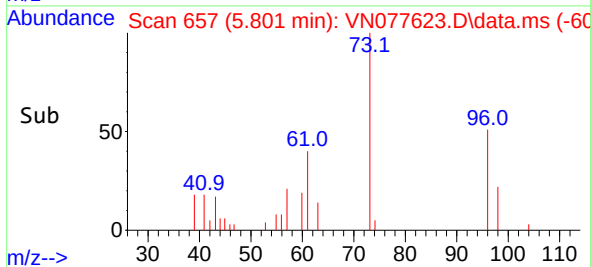
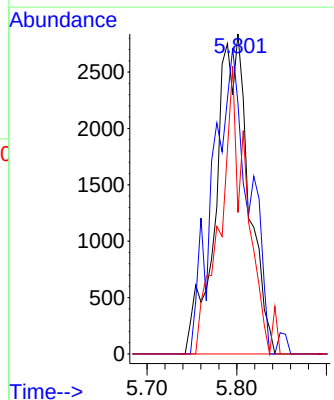
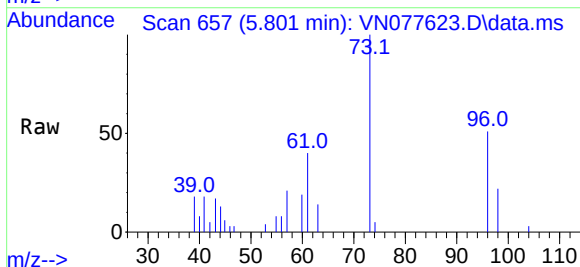
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

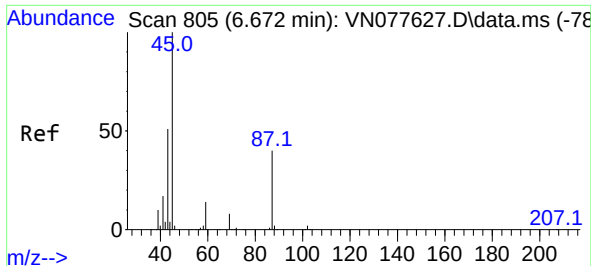
Tgt Ion:	84	Resp:	9721
Ion	Ratio	Lower	Upper
84	100		
49	116.8	79.7	119.5
51	21.5	25.2	37.8#
86	70.1	53.3	79.9



#21
trans-1,2-Dichloroethene
Concen: 1.046 ug/l
RT: 5.801 min Scan# 657
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

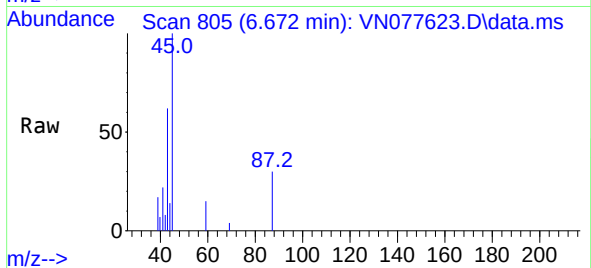
Tgt Ion:	96	Resp:	7295
Ion	Ratio	Lower	Upper
96	100		
61	78.3	90.1	135.1#
98	44.2	46.4	69.6#





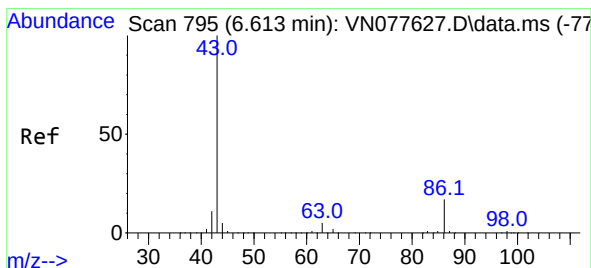
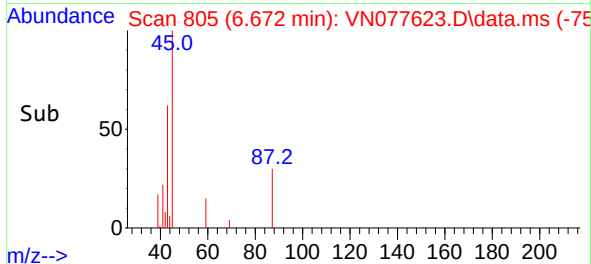
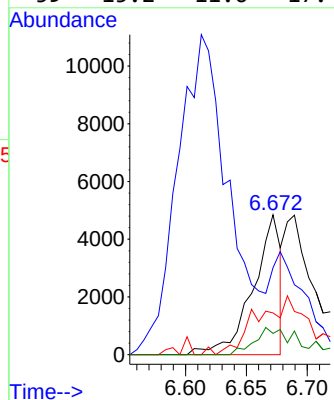
#22
Diisopropyl ether
Concen: 0.504 ug/l
RT: 6.672 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 45 Resp: 7627

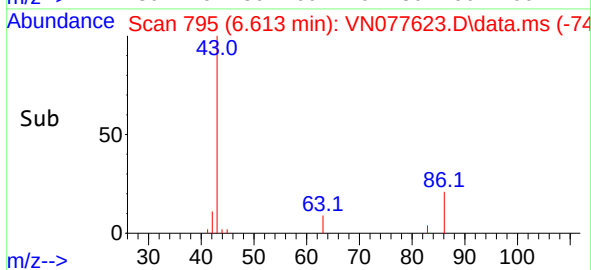
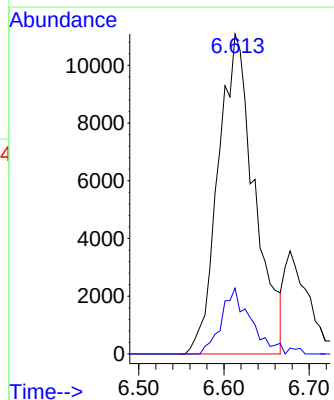
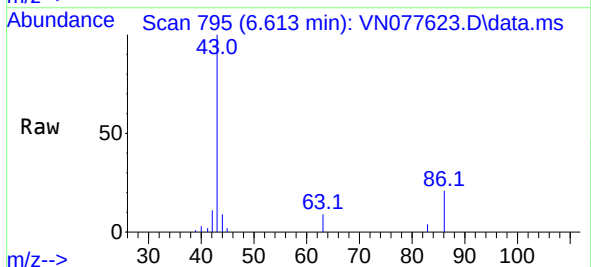
Ion	Ratio	Lower	Upper
45	100		
43	0.0	45.5	68.3#
87	29.9	31.8	47.8#
59	15.2	11.6	17.4

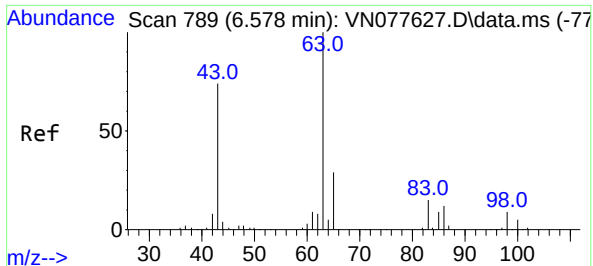


#23
Vinyl Acetate
Concen: 3.801 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 43 Resp: 32791

Ion	Ratio	Lower	Upper
43	100		
86	20.5	13.0	19.6#

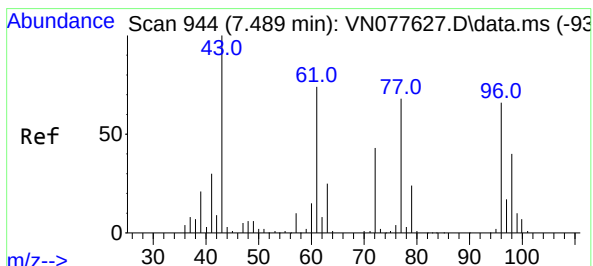
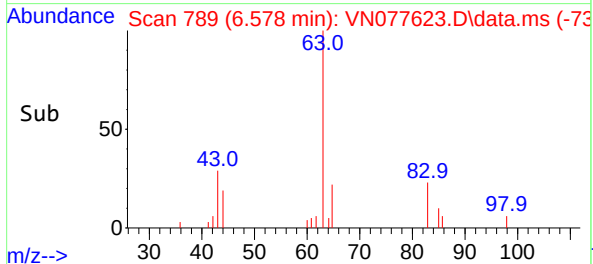
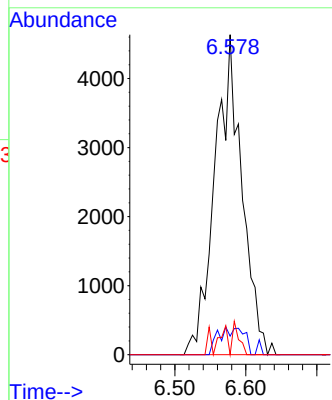
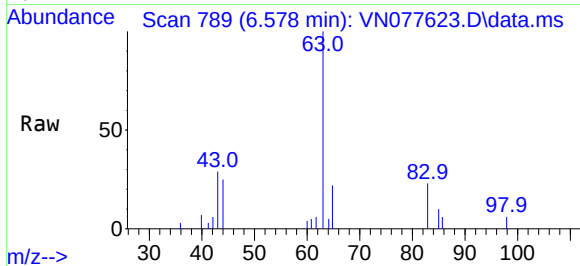




#24
1,1-Dichloroethane
Concen: 1.067 ug/l
RT: 6.578 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

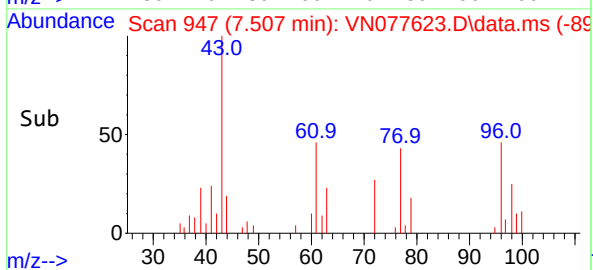
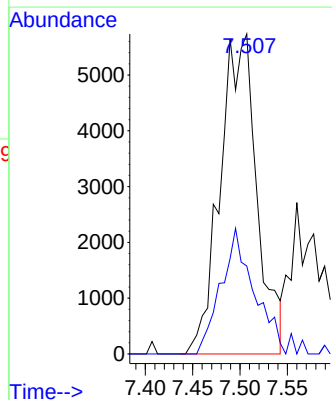
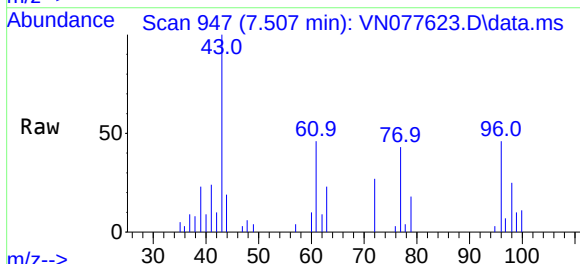
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

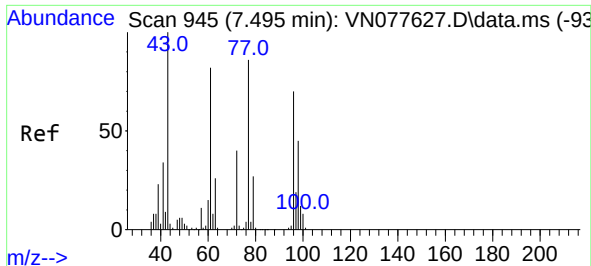
Tgt Ion: 63 Resp: 12230
Ion Ratio Lower Upper
63 100
98 5.8 3.9 11.7
100 0.0 2.5 7.4#



#25
2-Butanone
Concen: 5.666 ug/l
RT: 7.507 min Scan# 947
Delta R.T. 0.018 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 43 Resp: 15496
Ion Ratio Lower Upper
43 100
72 27.5 30.2 45.2#

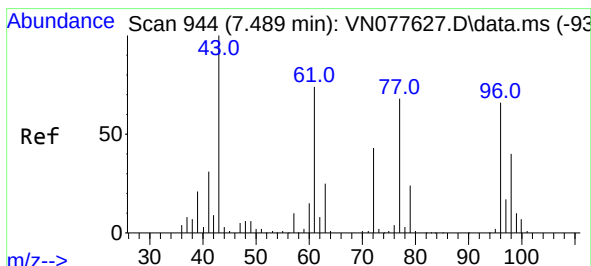
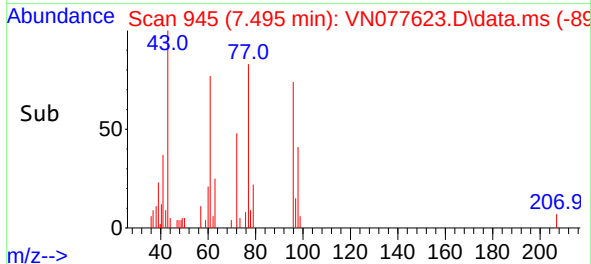
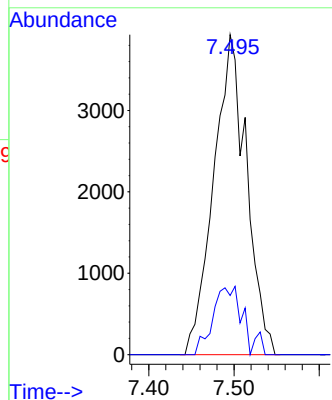
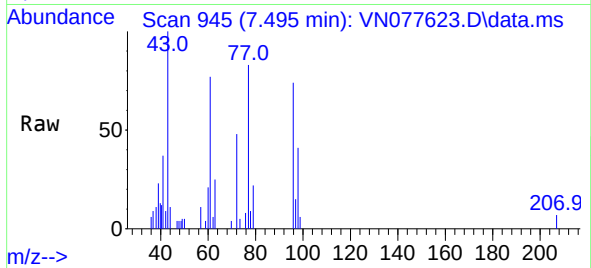




#26
2,2-Dichloropropane
Concen: 1.013 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

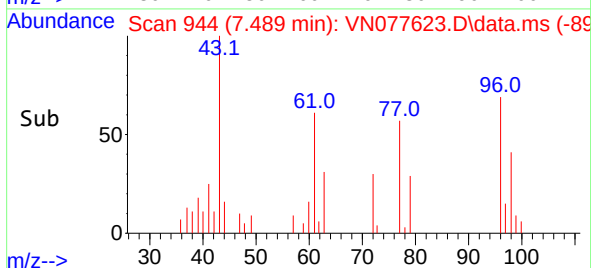
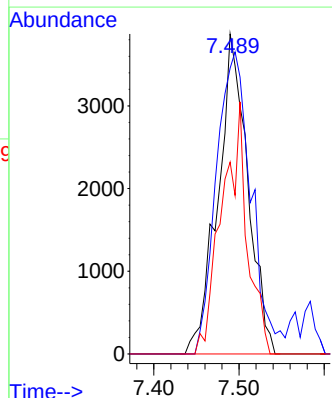
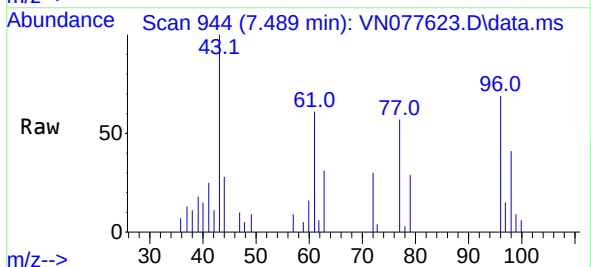
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

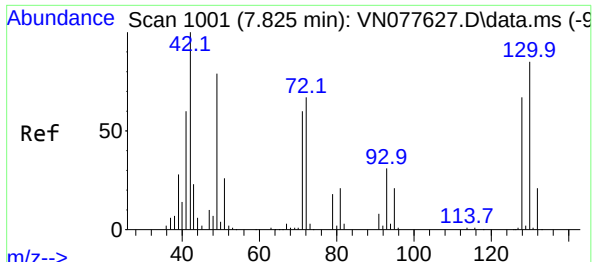
Tgt Ion: 77 Resp: 10525
Ion Ratio Lower Upper
77 100
97 19.7 11.2 33.6



#27
cis-1,2-Dichloroethene
Concen: 1.111 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 96 Resp: 9424
Ion Ratio Lower Upper
96 100
61 110.0 0.0 255.2
98 66.4 0.0 128.8

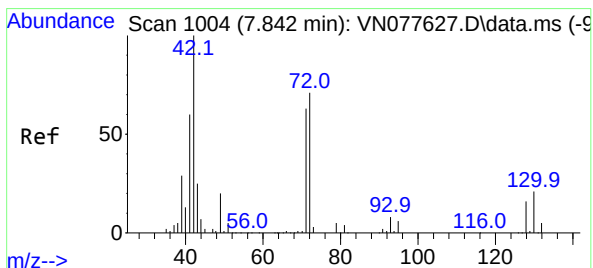
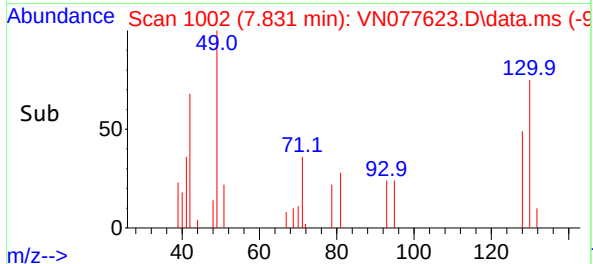
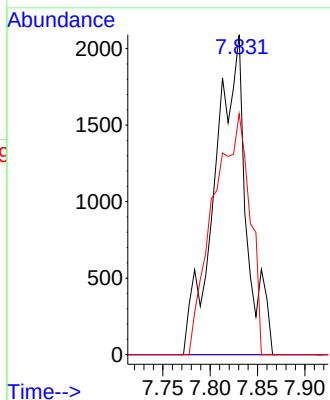
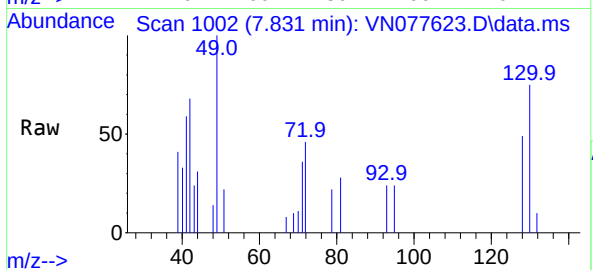




#28
Bromochloromethane
Concen: 1.155 ug/l
RT: 7.831 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

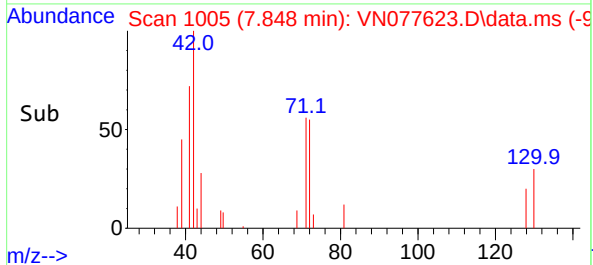
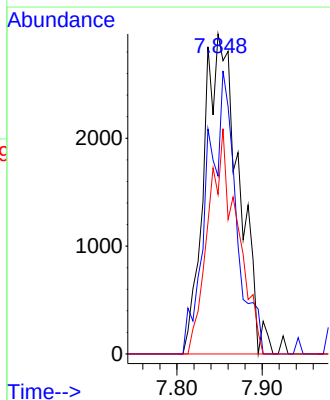
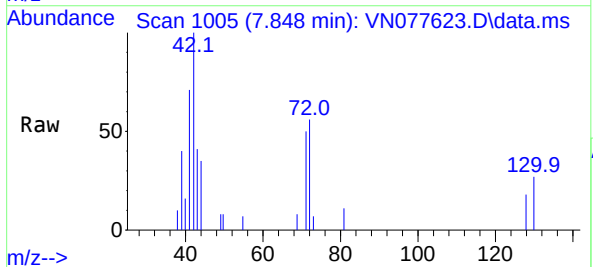
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

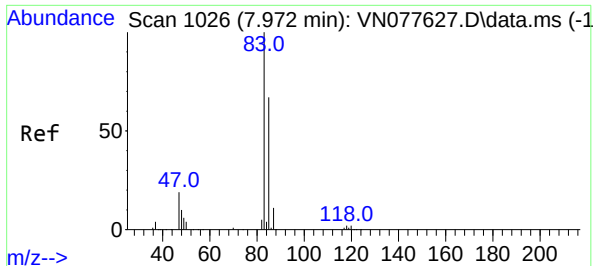
Tgt Ion: 49 Resp: 4828
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 87.5 75.3 112.9



#29
Tetrahydrofuran
Concen: 5.039 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 42 Resp: 8465
Ion Ratio Lower Upper
42 100
72 72.9 49.8 74.6
71 58.2 47.4 71.2

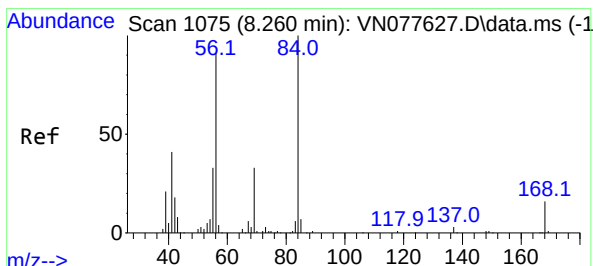
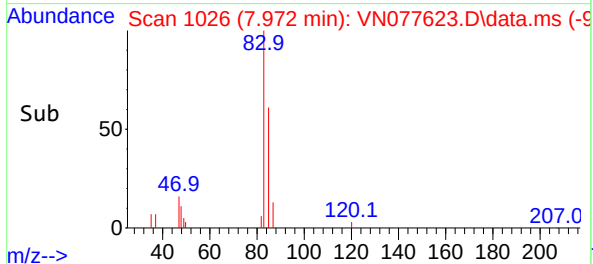
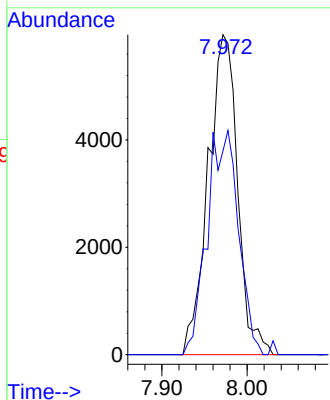
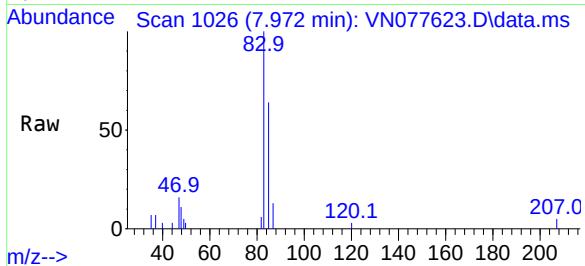




#30
Chloroform
Concen: 1.056 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

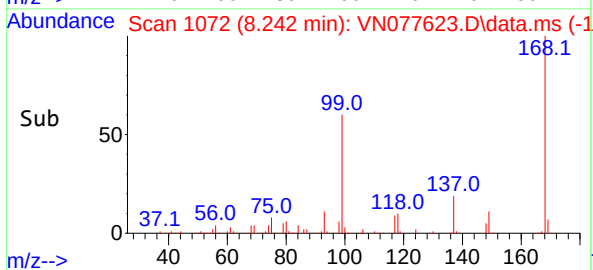
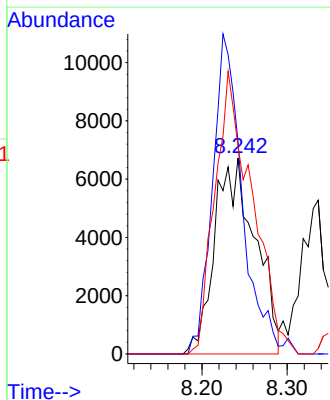
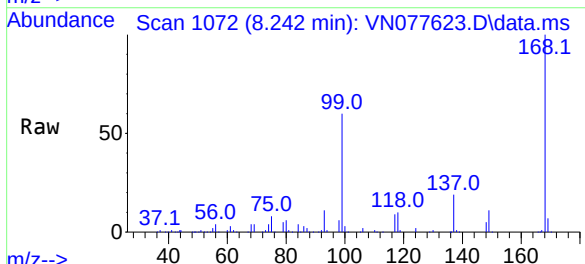
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

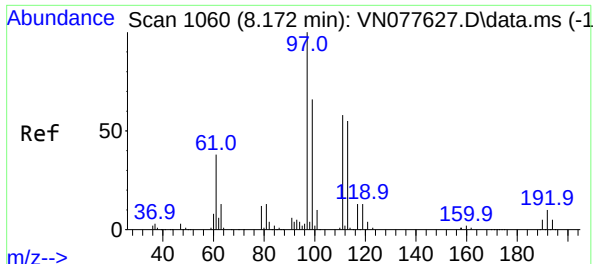
Tgt Ion: 83 Resp: 14338
Ion Ratio Lower Upper
83 100
85 63.7 55.4 83.0



#31
Cyclohexane
Concen: 2.211 ug/l
RT: 8.242 min Scan# 1072
Delta R.T. -0.018 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 56 Resp: 22269
Ion Ratio Lower Upper
56 100
69 108.2 26.8 40.2#
84 105.8 81.8 122.6

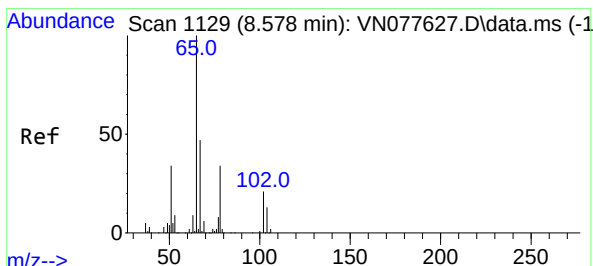
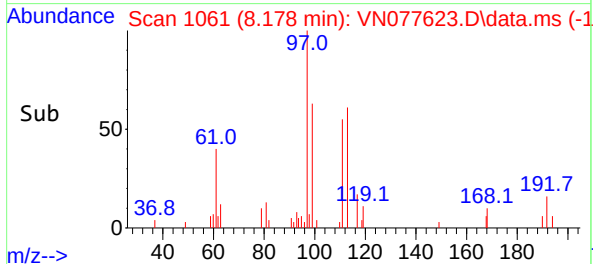
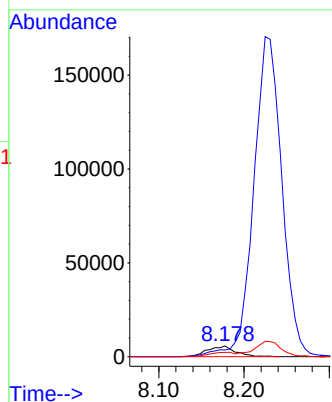
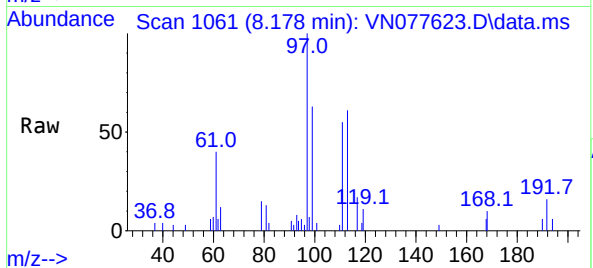




#32
1,1,1-Trichloroethane
Concen: 1.045 ug/l
RT: 8.178 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

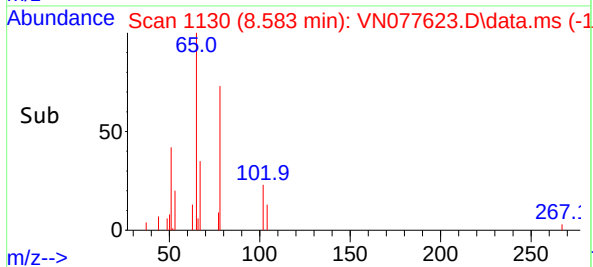
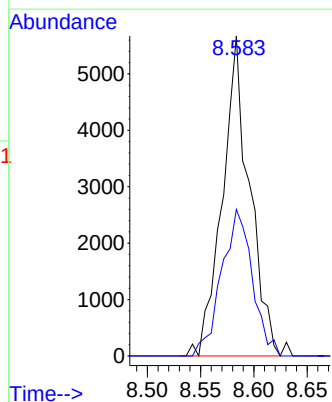
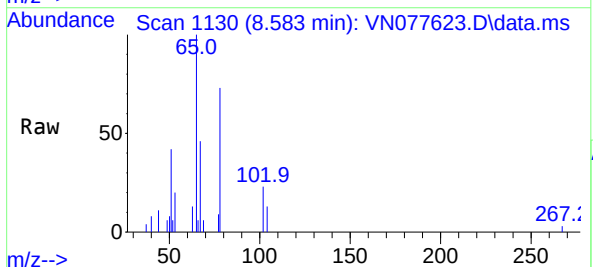
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

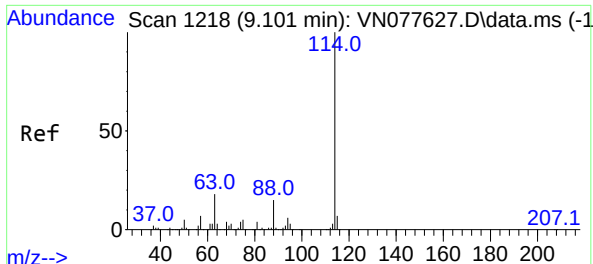
Tgt Ion: 97 Resp: 13070
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 37.0 34.7 52.1



#33
1,2-Dichloroethane-d4
Concen: 1.273 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 65 Resp: 10033
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6

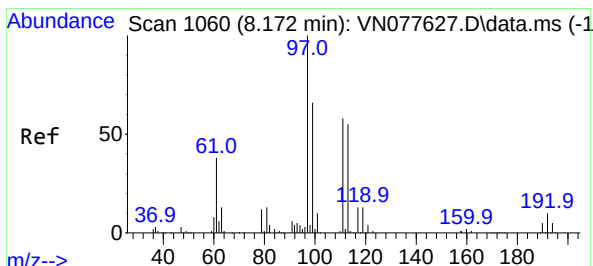
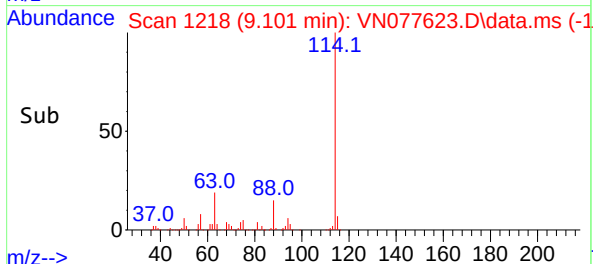
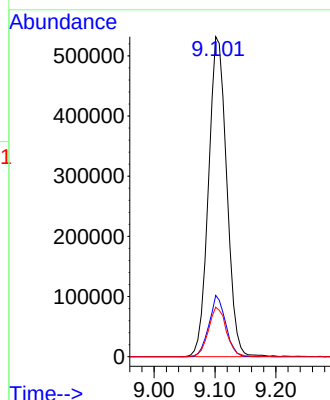
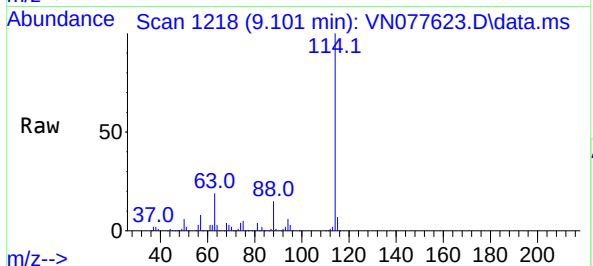




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.101 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

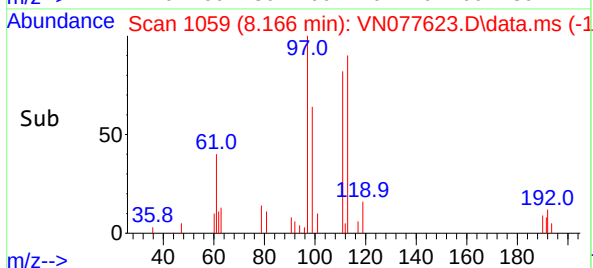
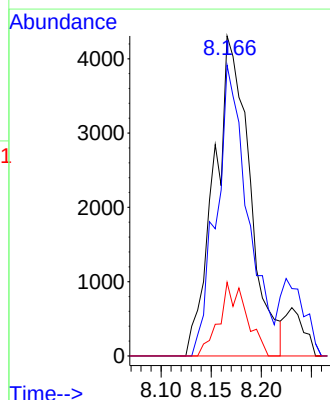
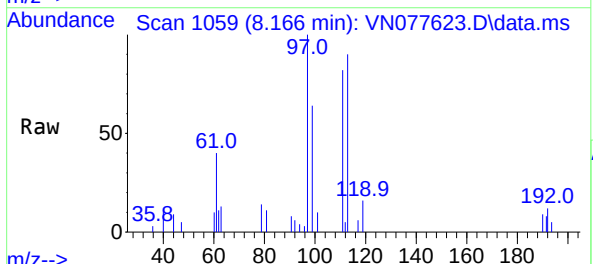
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

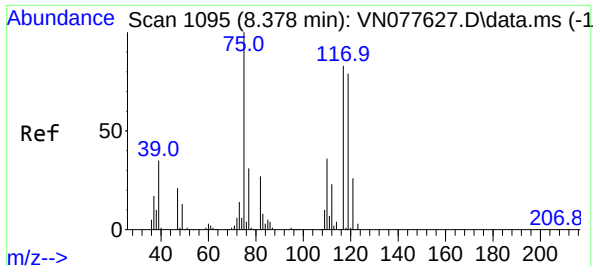
Tgt Ion:114 Resp: 1105907
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 1.546 ug/l
RT: 8.166 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion:113 Resp: 10665
Ion Ratio Lower Upper
113 100
111 79.9 82.6 123.8#
192 17.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 1.099 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077623.D

Acq: 09 May 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

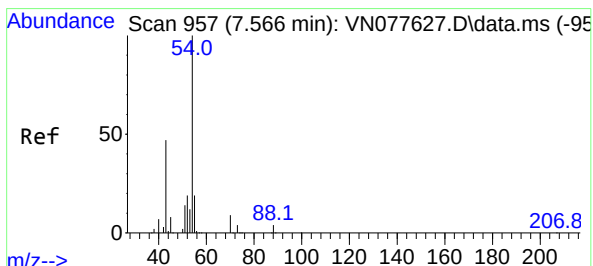
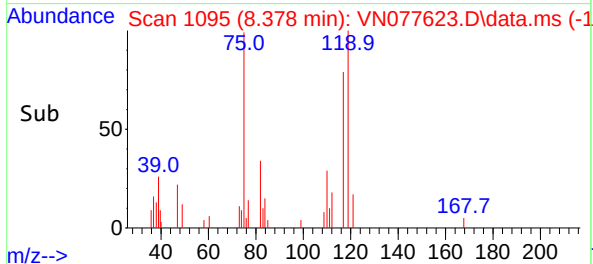
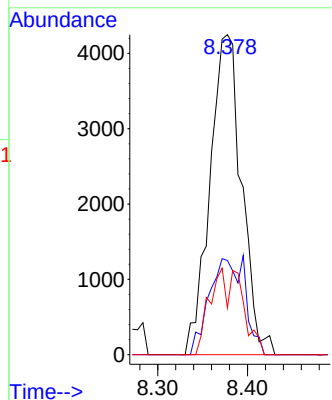
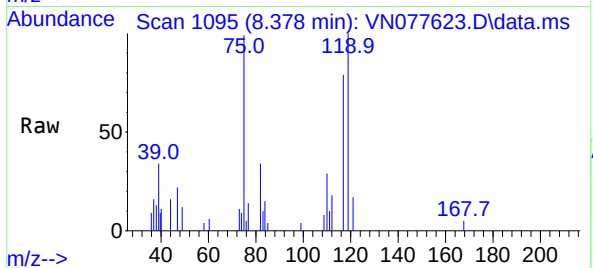
Tgt Ion: 75 Resp: 10462

Ion Ratio Lower Upper

75 100

110 0.0 19.1 57.3#

77 15.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.145 ug/l

RT: 7.560 min Scan# 956

Delta R.T. -0.006 min

Lab File: VN077623.D

Acq: 09 May 2023 10:34

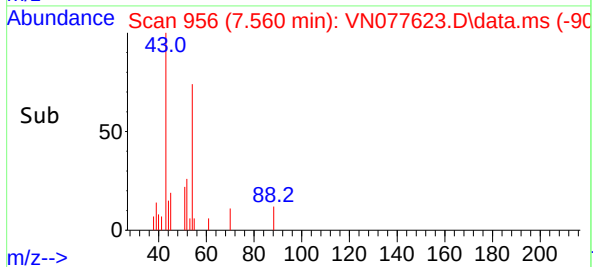
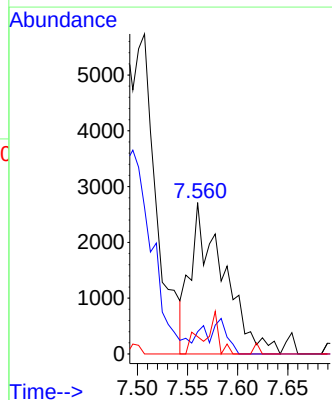
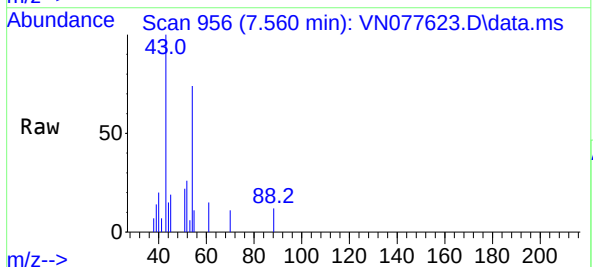
Tgt Ion: 43 Resp: 6234

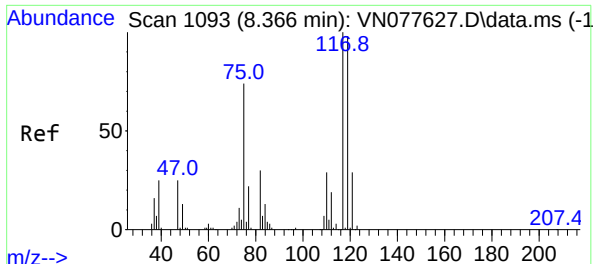
Ion Ratio Lower Upper

43 100

61 6.3 13.2 19.8#

70 0.0 11.3 16.9#

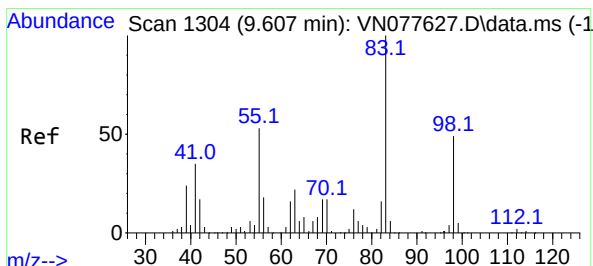
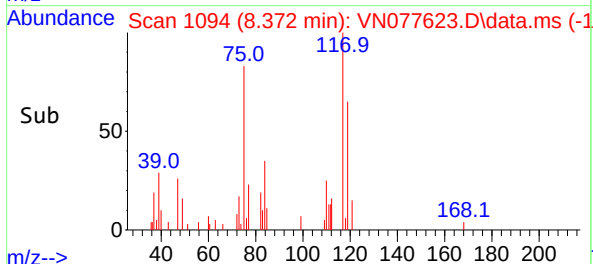
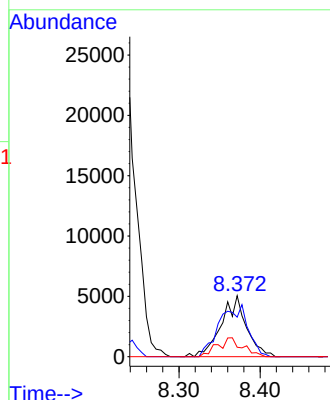
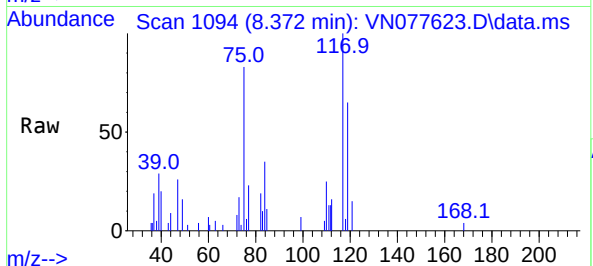




#38
Carbon Tetrachloride
Concen: 1.048 ug/l
RT: 8.372 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

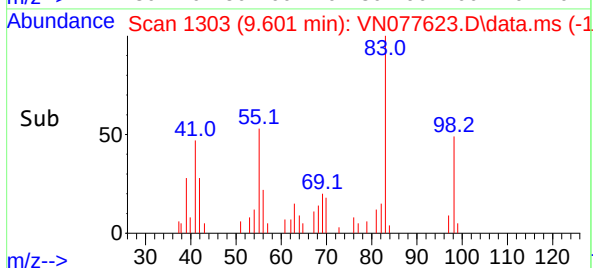
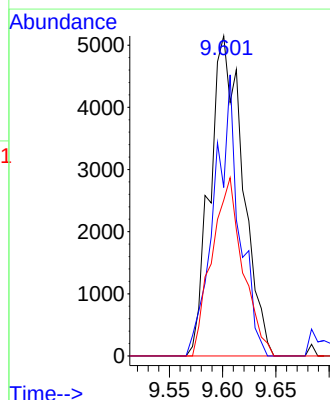
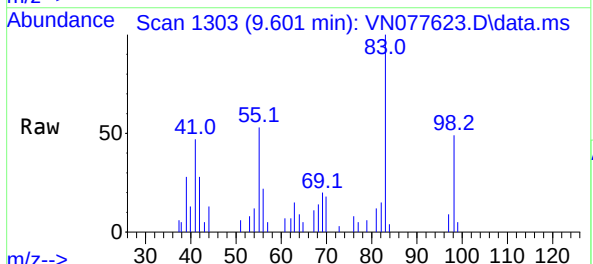
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

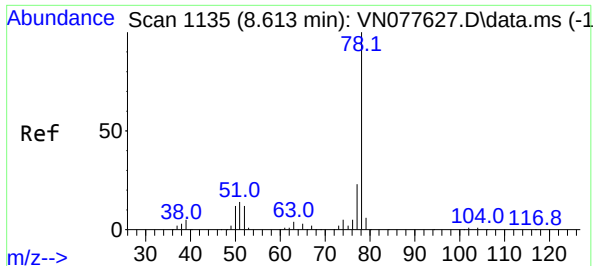
Tgt Ion: 117 Resp: 10897
Ion Ratio Lower Upper
117 100
119 64.8 77.3 115.9#
121 15.4 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.938 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 83 Resp: 11089
Ion Ratio Lower Upper
83 100
55 52.7 49.1 73.7
98 48.7 40.6 61.0

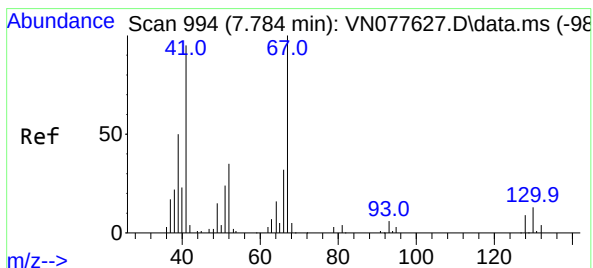
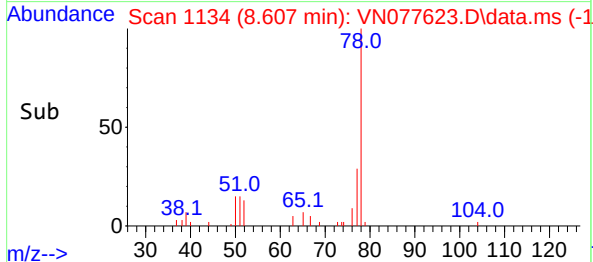
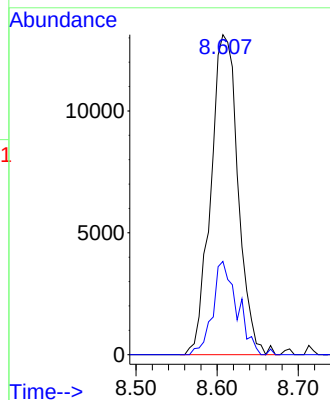
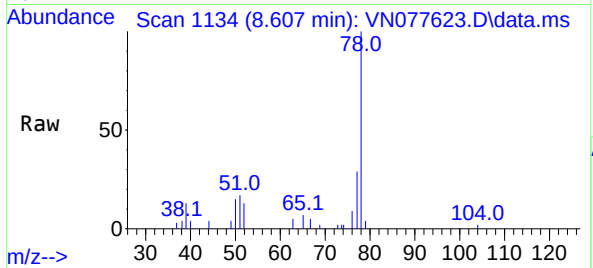




#40
Benzene
Concen: 1.065 ug/l
RT: 8.607 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

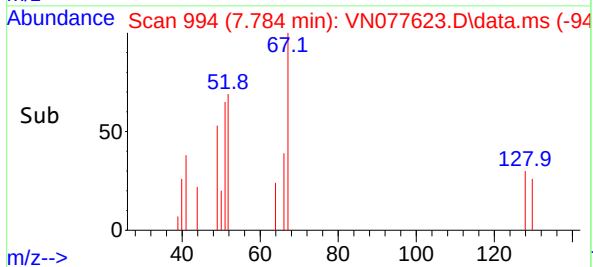
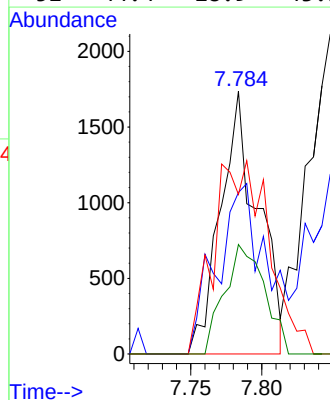
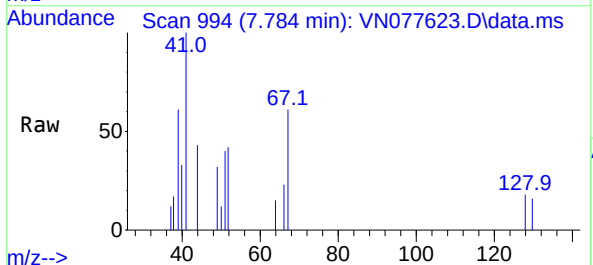
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

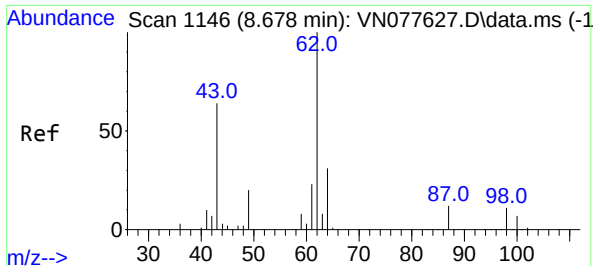
Tgt Ion: 78 Resp: 30680
Ion Ratio Lower Upper
78 100
77 29.1 19.0 28.6#



#41
Methacrylonitrile
Concen: 1.073 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 41 Resp: 3191
Ion Ratio Lower Upper
41 100
39 84.9 42.6 64.0#
67 108.7 77.5 116.3
52 44.4 28.9 43.3#

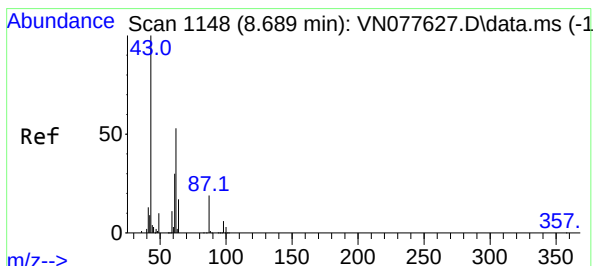
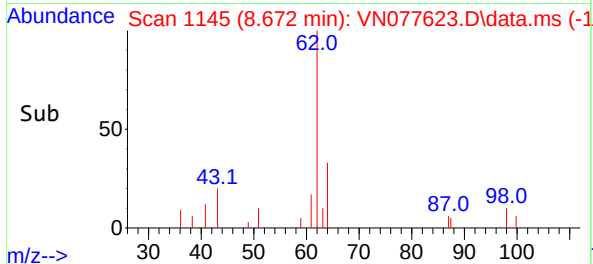
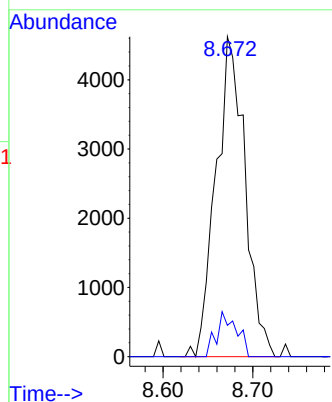
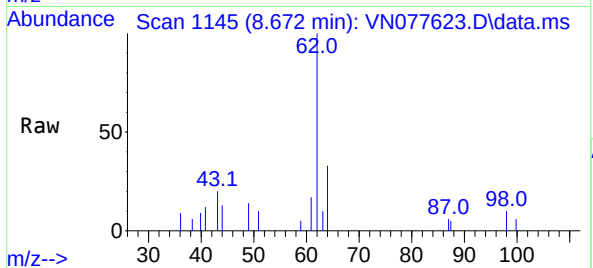




#42
1,2-Dichloroethane
Concen: 1.076 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

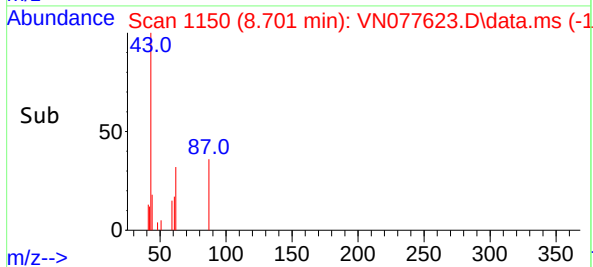
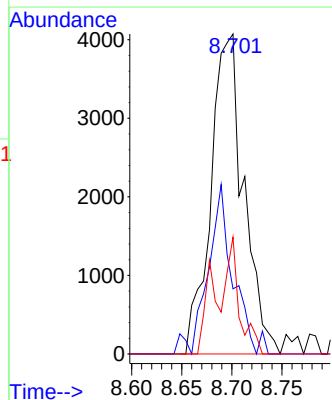
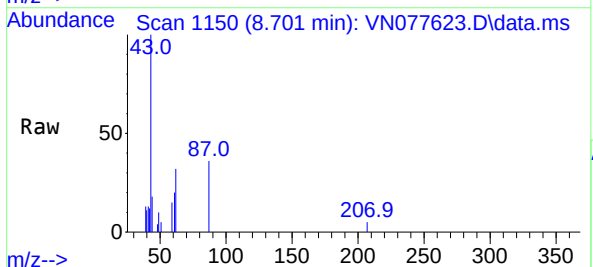
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

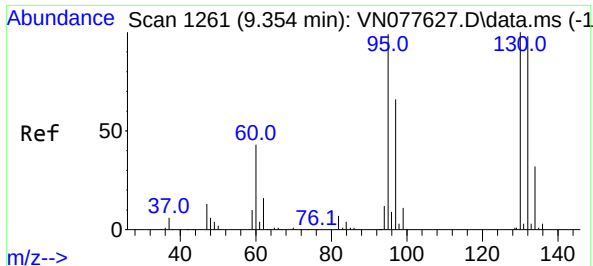
Tgt Ion: 62 Resp: 10386
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8



#43
Isopropyl Acetate
Concen: 0.976 ug/l
RT: 8.701 min Scan# 1150
Delta R.T. 0.012 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 43 Resp: 9313
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 14.5 14.6 21.8#

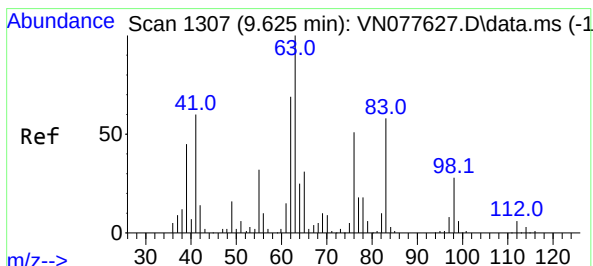
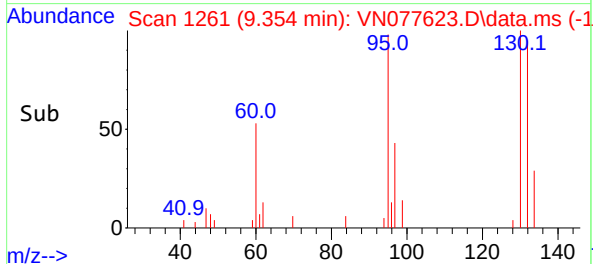
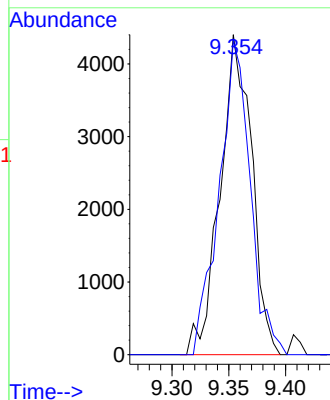
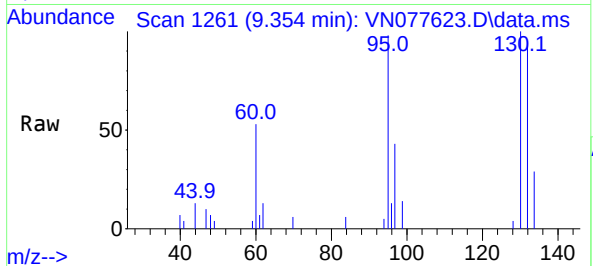




#44
Trichloroethene
Concen: 1.125 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

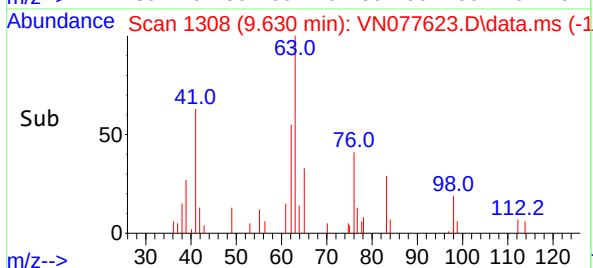
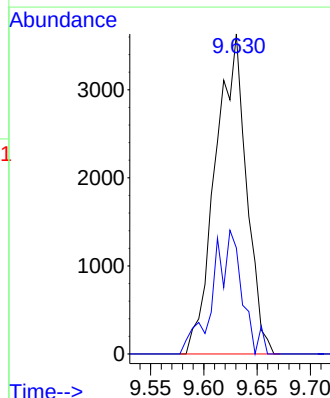
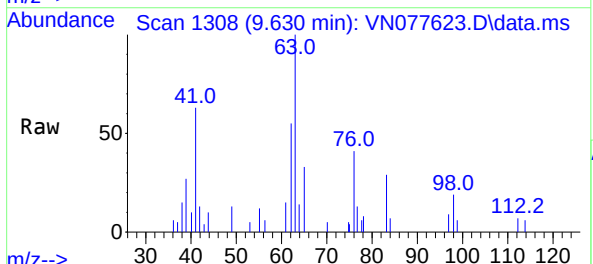
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

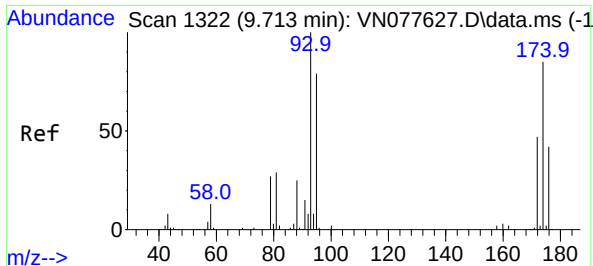
Tgt Ion:130 Resp: 8511
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.6



#45
1,2-Dichloropropane
Concen: 1.112 ug/l
RT: 9.630 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 63 Resp: 7363
Ion Ratio Lower Upper
63 100
65 33.2 23.9 35.9

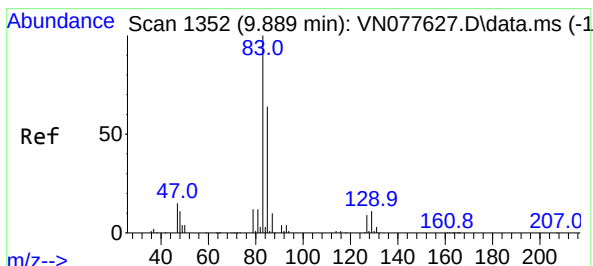
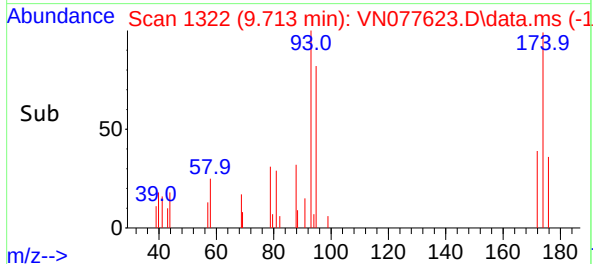
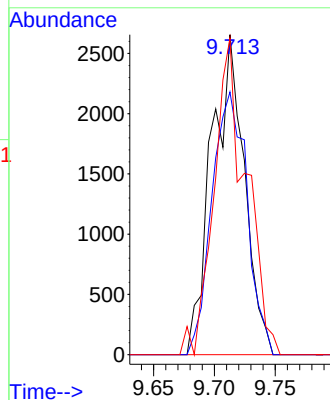
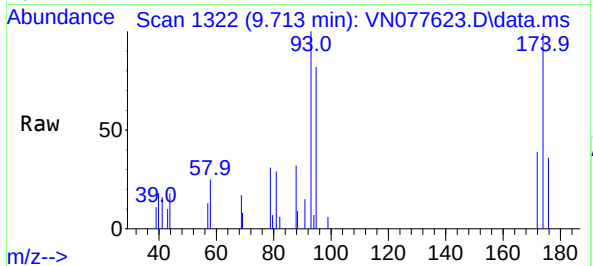




#46
Dibromomethane
Concen: 0.966 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

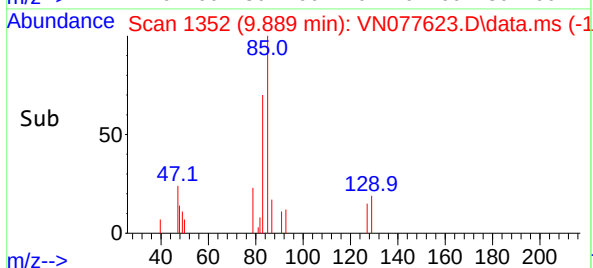
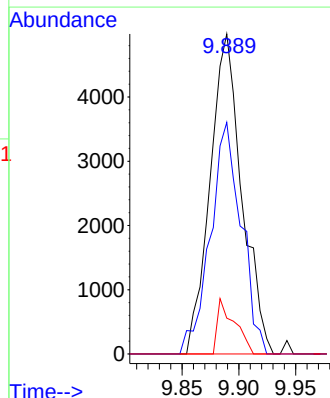
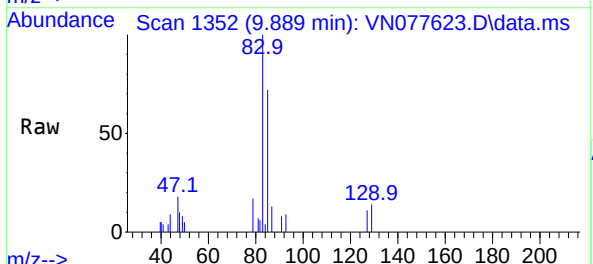
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

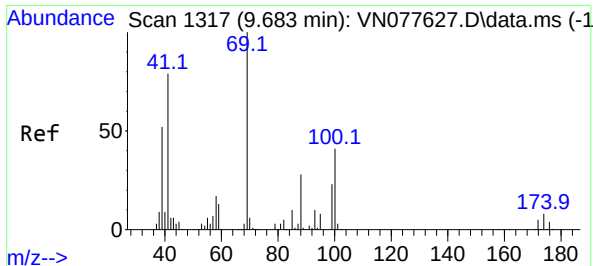
Tgt Ion: 93 Resp: 4976
Ion Ratio Lower Upper
93 100
95 87.5 63.8 95.8
174 97.1 65.6 98.4



#47
Bromodichloromethane
Concen: 0.965 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 83 Resp: 9704
Ion Ratio Lower Upper
83 100
85 72.3 49.6 74.4
127 11.2 7.0 10.6#

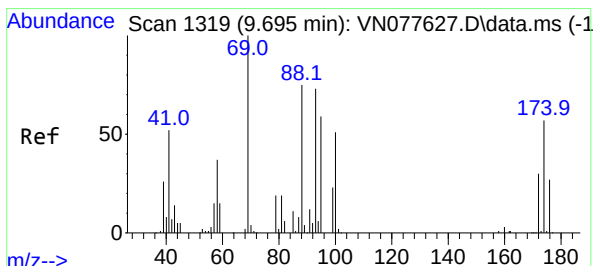
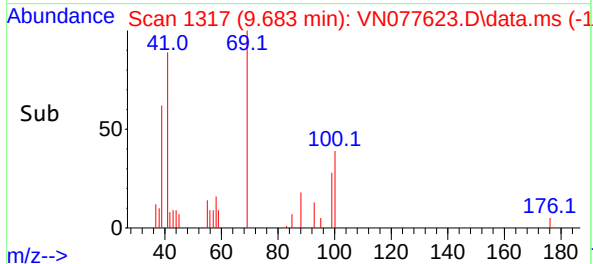
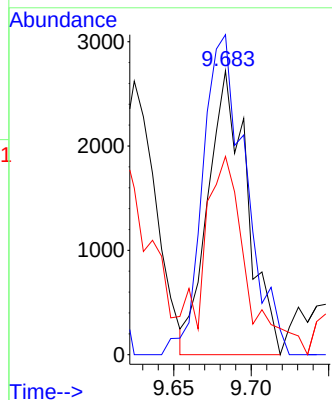
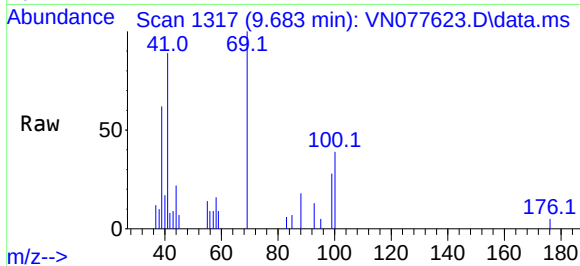




#48
Methyl methacrylate
Concen: 1.065 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

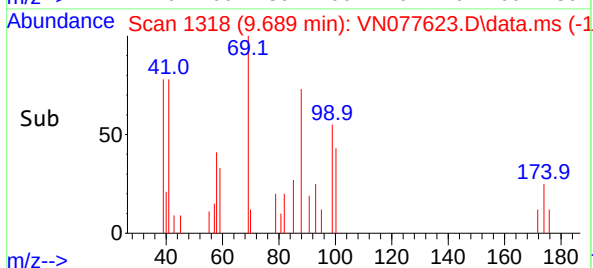
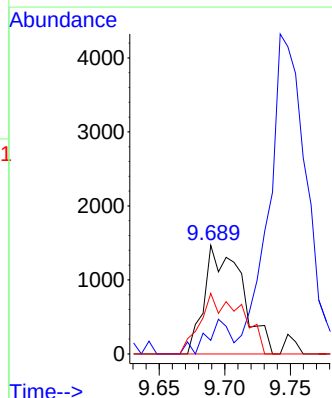
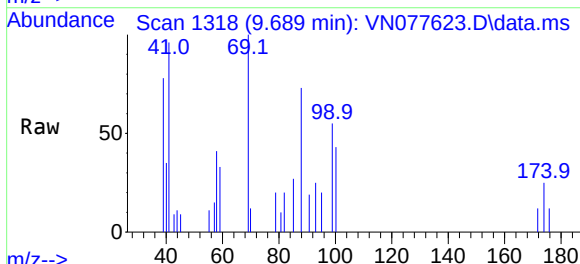
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

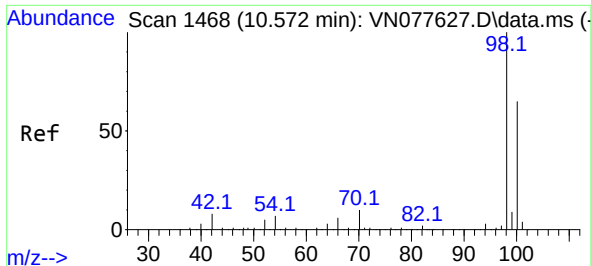
Tgt Ion: 41 Resp: 4772
Ion Ratio Lower Upper
41 100
69 124.0 90.4 135.6
39 74.1 54.6 81.8



#49
1,4-Dioxane
Concen: 21.945 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 88 Resp: 2923
Ion Ratio Lower Upper
88 100
43 19.5 17.0 25.6
58 61.2 47.0 70.4

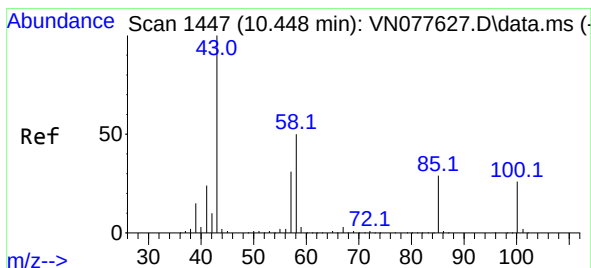
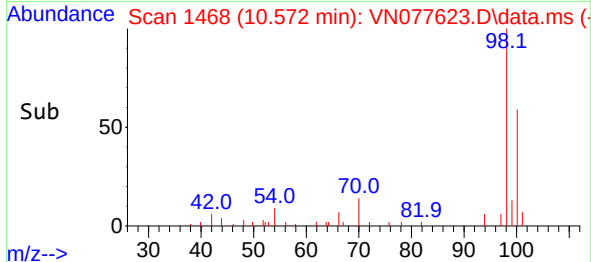
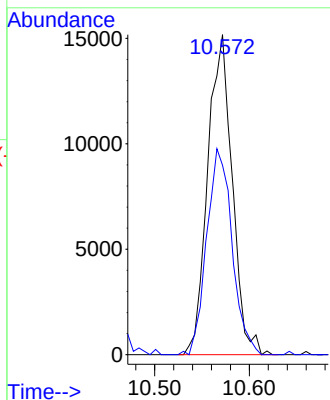
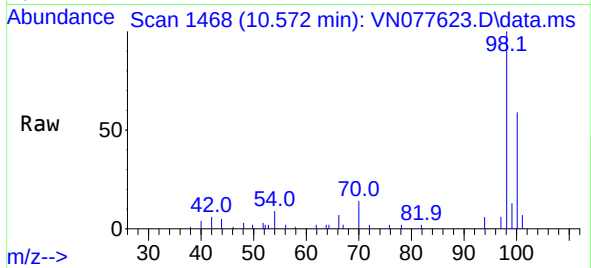




#50
Toluene-d8
Concen: 1.045 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

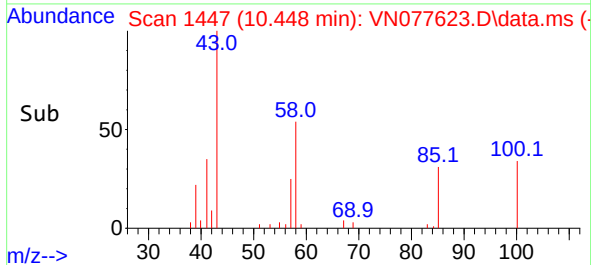
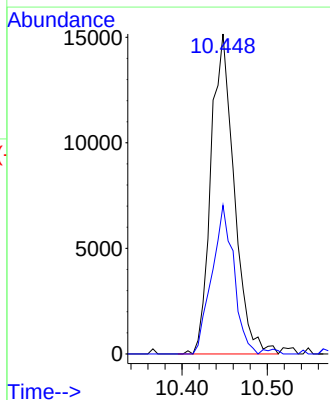
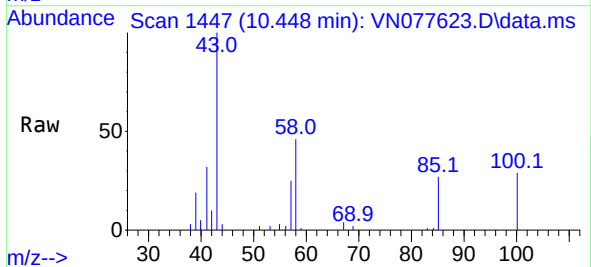
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

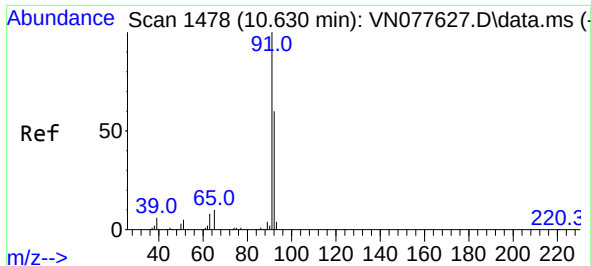
Tgt Ion: 98 Resp: 27290
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 5.113 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 43 Resp: 28707
Ion Ratio Lower Upper
43 100
58 43.8 36.6 54.8

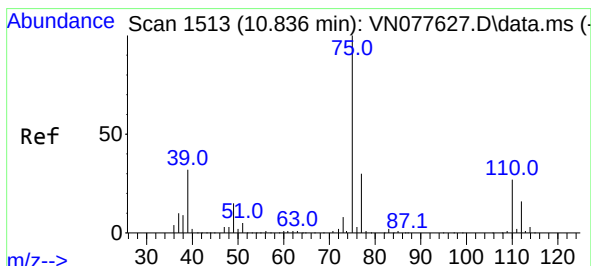
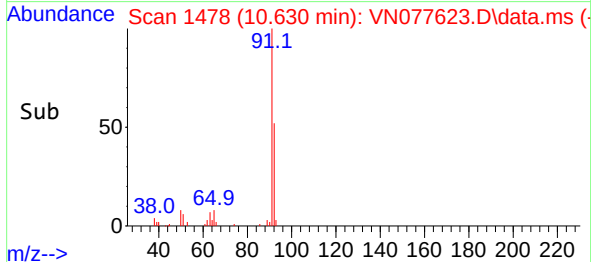
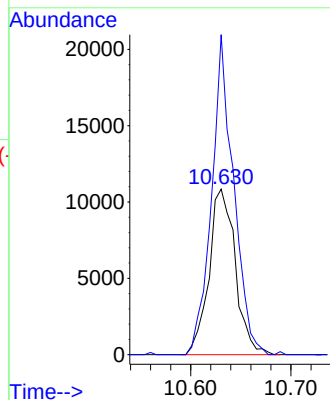
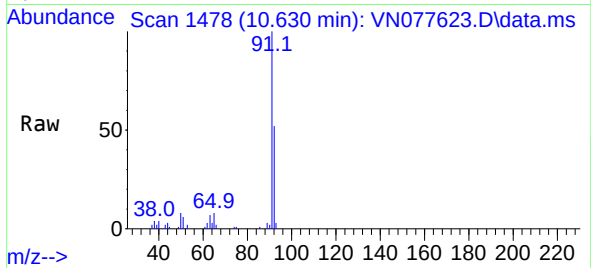




#52
Toluene
Concen: 1.031 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

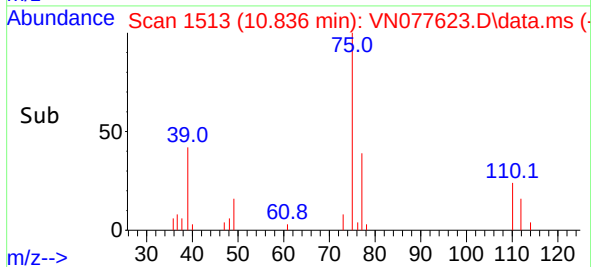
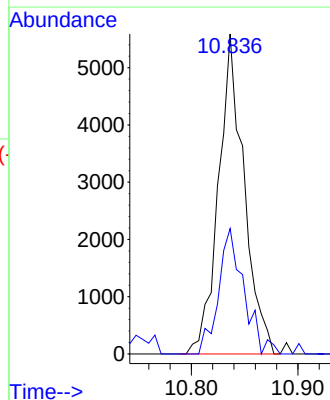
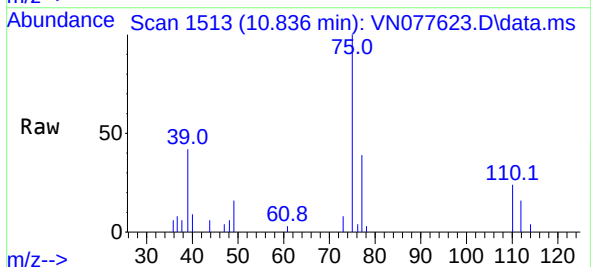
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

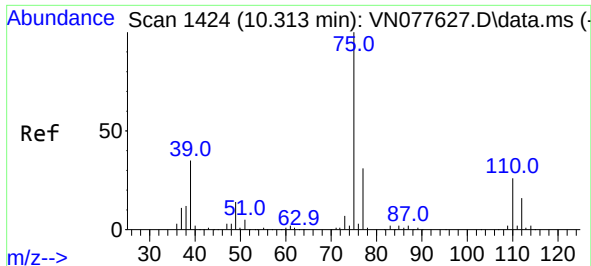
Tgt Ion: 92 Resp: 19748
Ion Ratio Lower Upper
92 100
91 162.4 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 0.948 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 75 Resp: 9296
Ion Ratio Lower Upper
75 100
77 39.2 25.4 38.0#

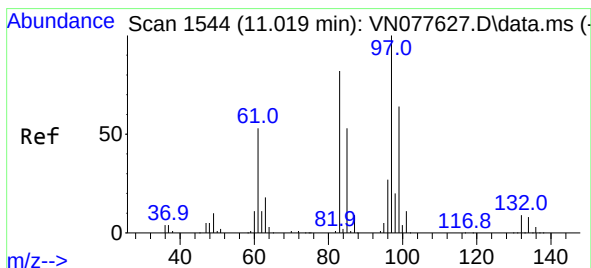
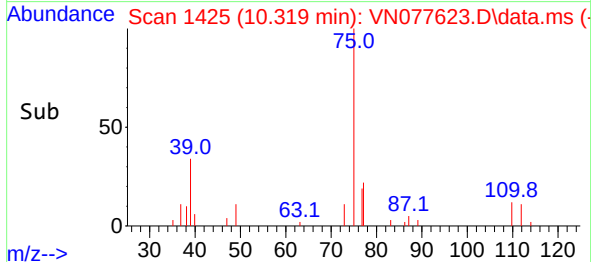
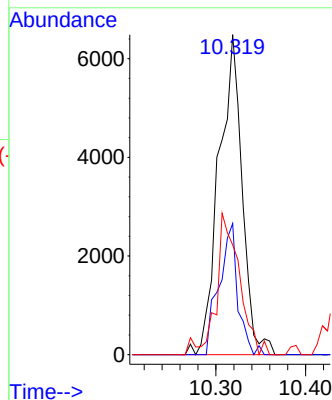
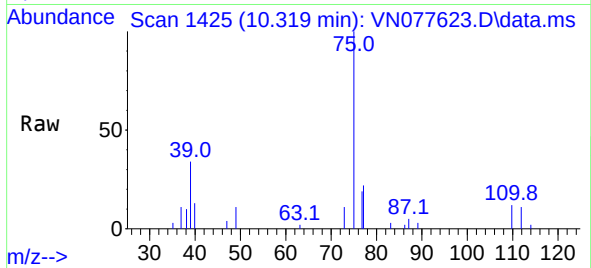




#54
 cis-1,3-Dichloropropene
 Concen: 1.050 ug/l
 RT: 10.319 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VN077623.D
 Acq: 09 May 2023 10:34

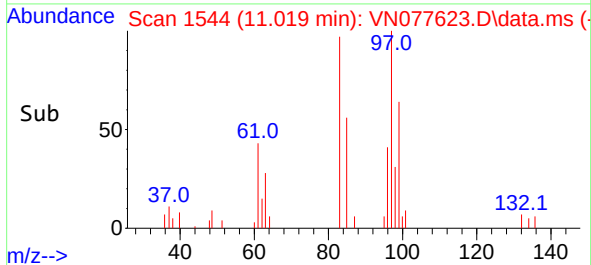
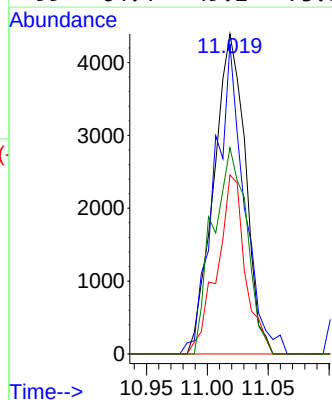
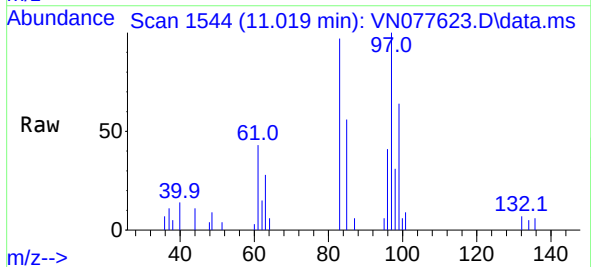
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

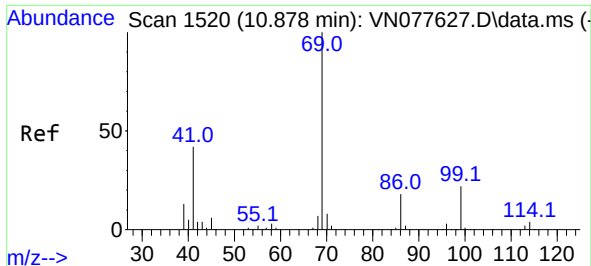
Tgt Ion: 75 Resp: 11709
 Ion Ratio Lower Upper
 75 100
 77 41.0 26.1 39.1#
 39 34.3 31.6 47.4



#55
 1,1,2-Trichloroethane
 Concen: 1.068 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077623.D
 Acq: 09 May 2023 10:34

Tgt Ion: 97 Resp: 7929
 Ion Ratio Lower Upper
 97 100
 83 97.0 65.1 97.7
 85 55.9 43.4 65.2
 99 64.4 49.2 73.8

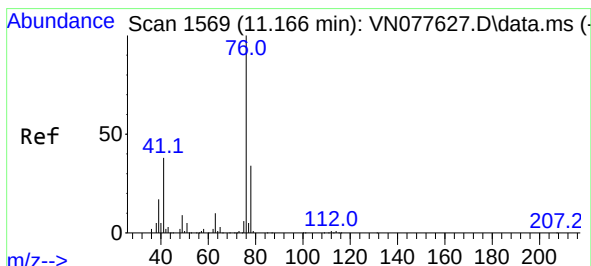
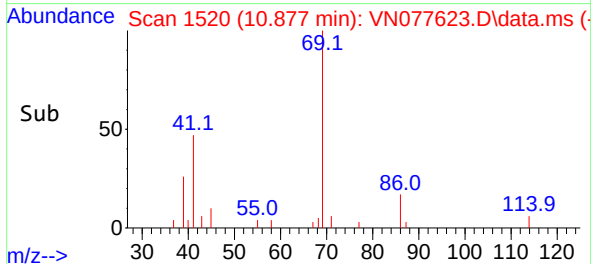
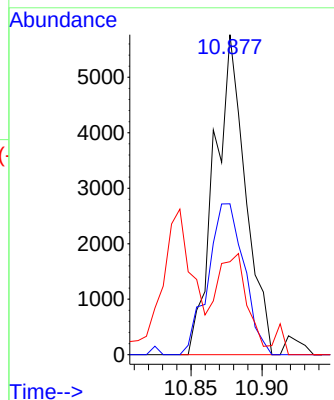
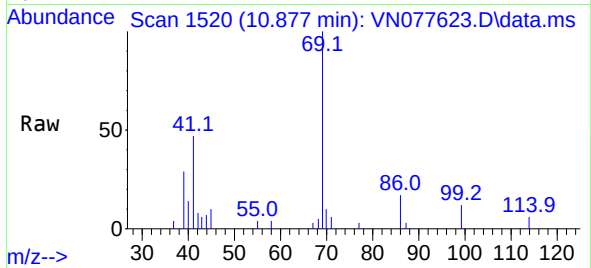




#56
Ethyl methacrylate
Concen: 0.937 ug/l
RT: 10.877 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

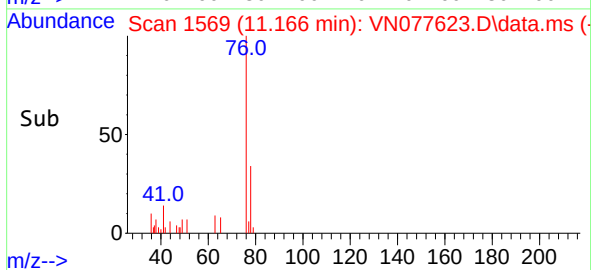
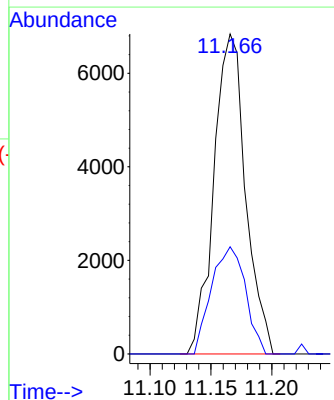
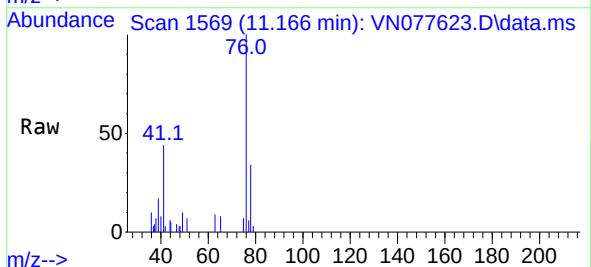
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

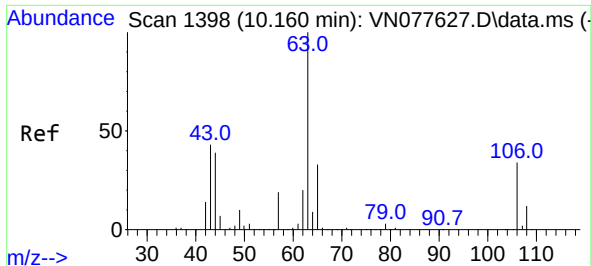
Tgt Ion: 69 Resp: 8777
Ion Ratio Lower Upper
69 100
41 54.6 39.6 59.4
39 27.5 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 1.037 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 76 Resp: 12385
Ion Ratio Lower Upper
76 100
78 35.9 26.1 39.1

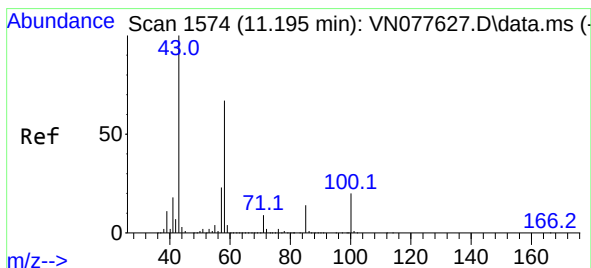
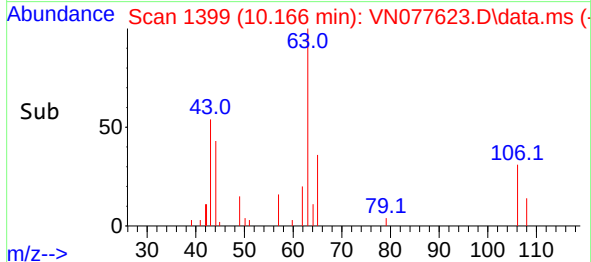
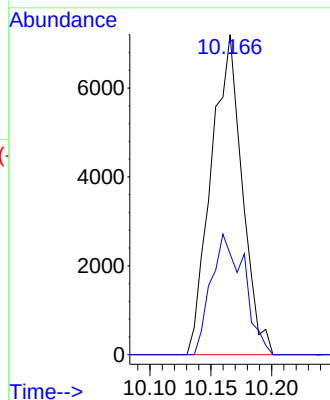
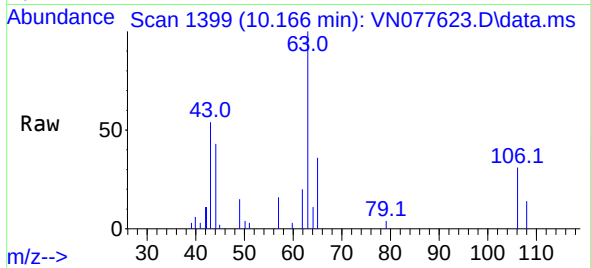




#58
2-Chloroethyl Vinyl ether
Concen: 6.809 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

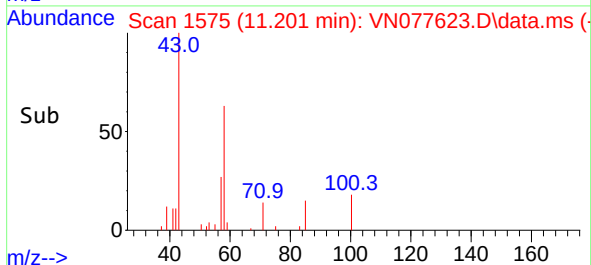
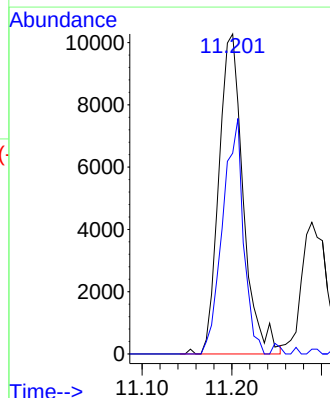
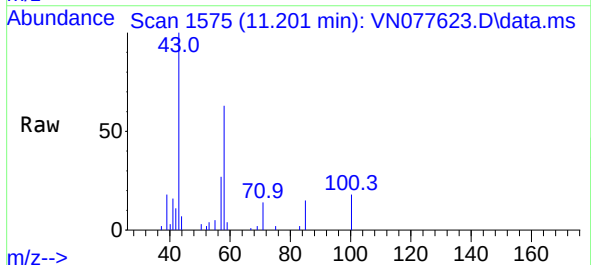
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

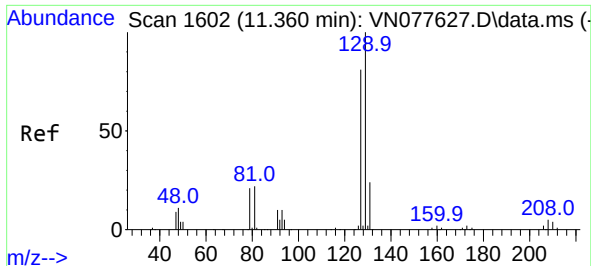
Tgt Ion: 63 Resp: 12737
Ion Ratio Lower Upper
63 100
106 40.3 26.2 39.4#



#59
2-Hexanone
Concen: 4.872 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 43 Resp: 19332
Ion Ratio Lower Upper
43 100
58 63.1 31.7 95.1

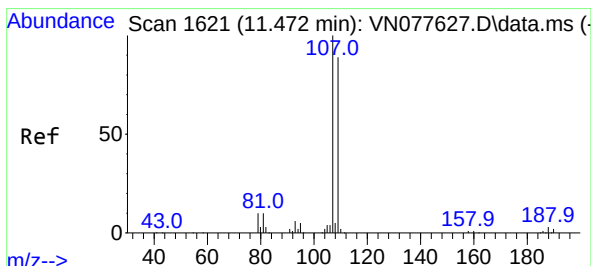
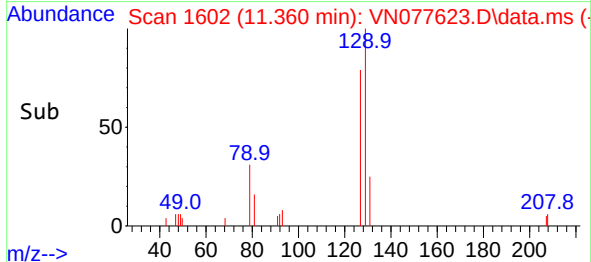
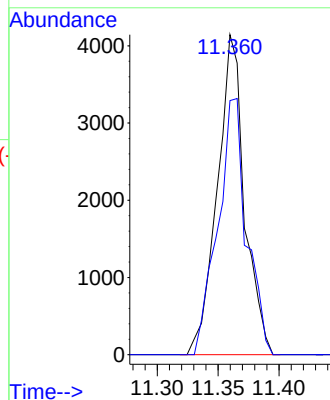
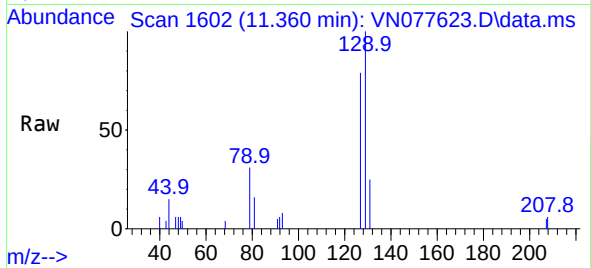




#60
Dibromochloromethane
Concen: 0.875 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

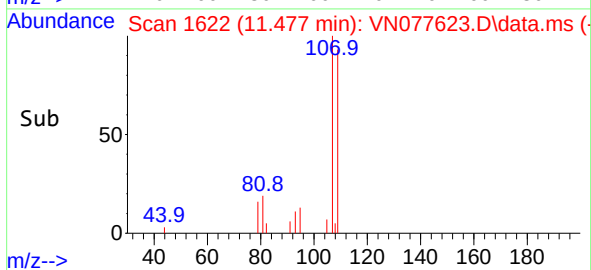
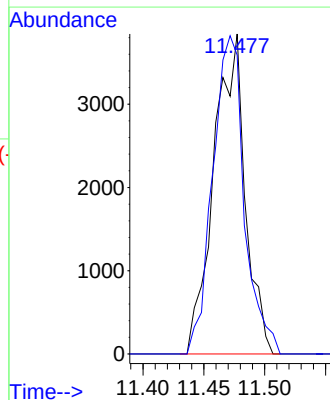
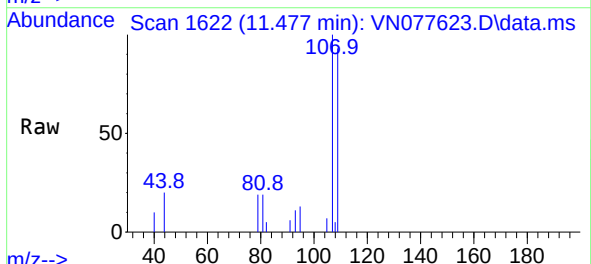
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

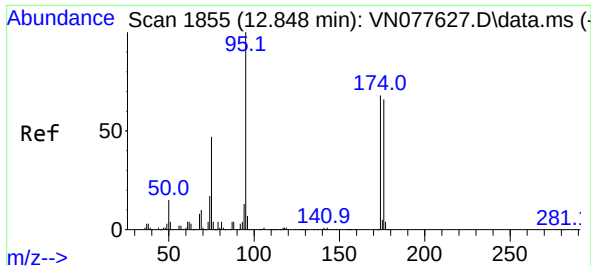
Tgt Ion:129 Resp: 6454
Ion Ratio Lower Upper
129 100
127 84.5 38.6 116.0



#61
1,2-Dibromoethane
Concen: 0.944 ug/l
RT: 11.477 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion:107 Resp: 6891
Ion Ratio Lower Upper
107 100
109 100.3 76.6 114.8

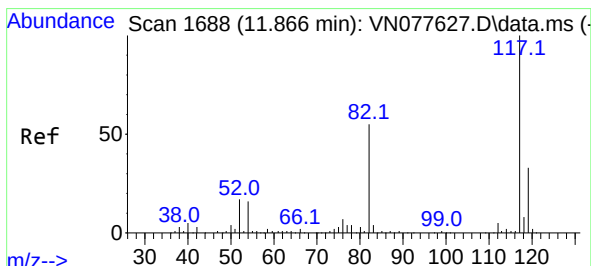
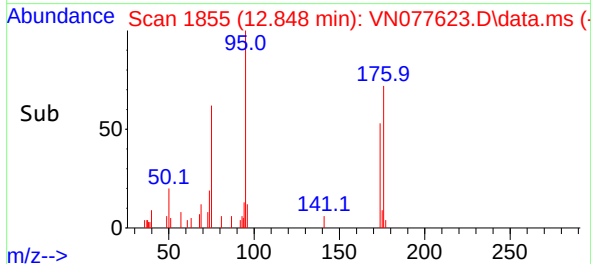
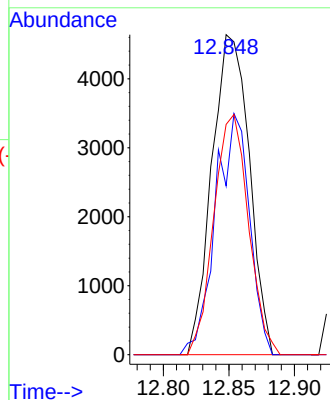
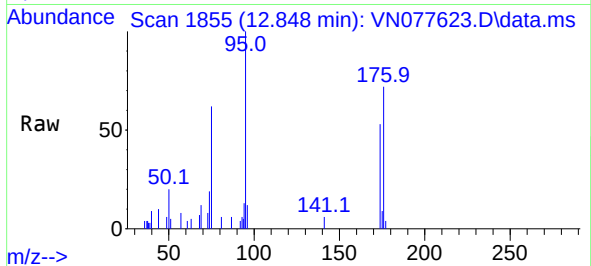




#62
4-Bromofluorobenzene
Concen: 1.041 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

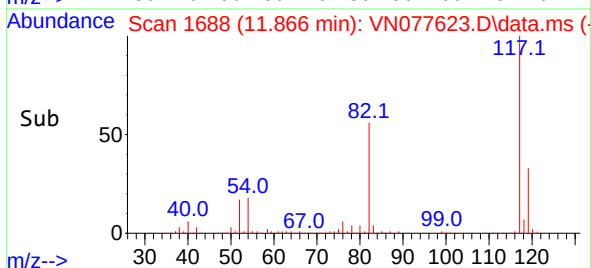
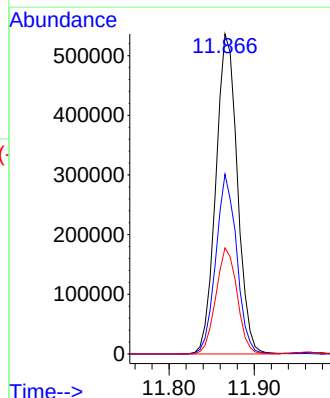
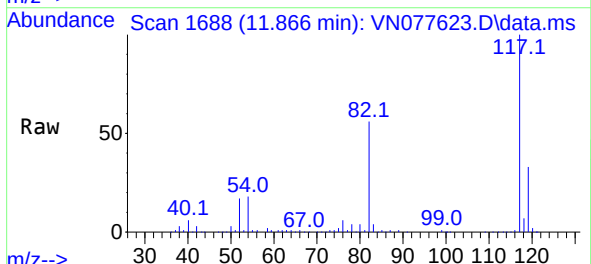
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

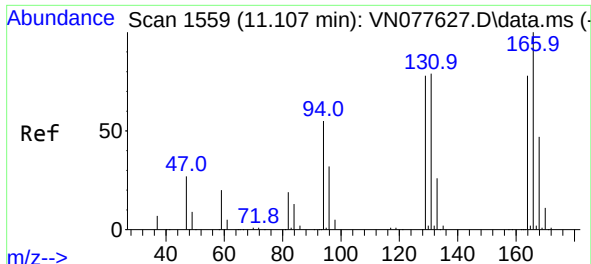
Tgt Ion: 95	Resp:	9196
Ion Ratio	Lower	Upper
95	100	
174	68.3	0.0 143.8
176	69.7	0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 117	Resp:	941749
Ion Ratio	Lower	Upper
117	100	
82	56.2	44.0 66.0
119	33.2	25.6 38.4

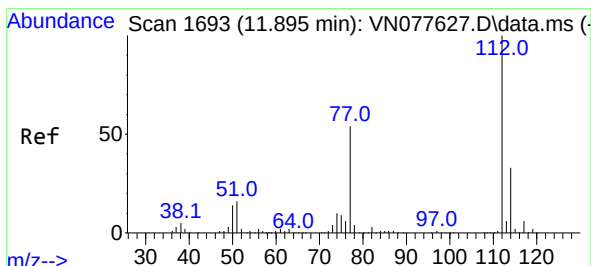
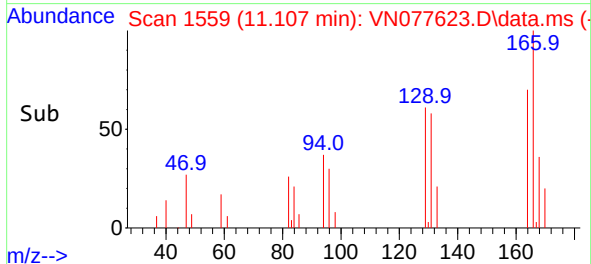
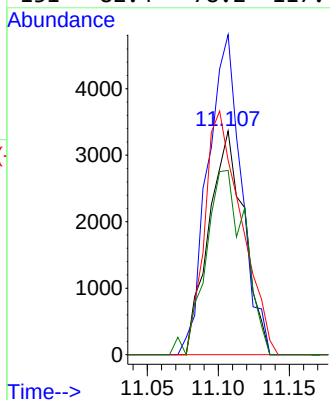
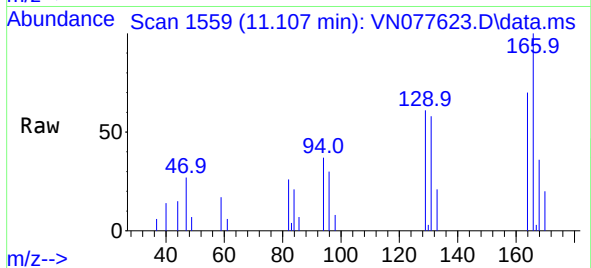




#64
Tetrachloroethene
Concen: 1.042 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

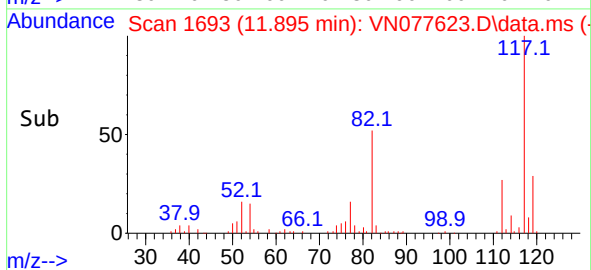
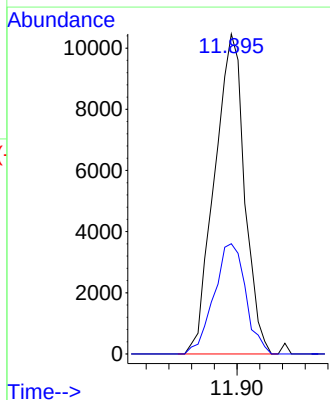
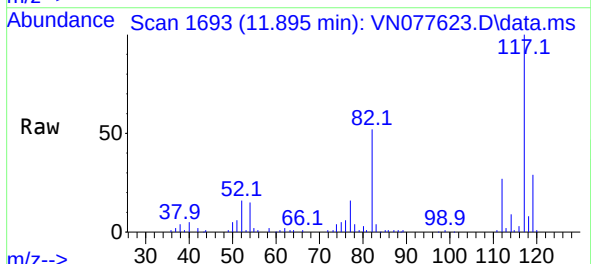
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

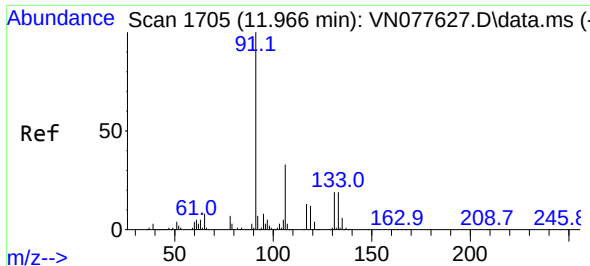
Tgt Ion:164 Resp: 5840
Ion Ratio Lower Upper
164 100
166 143.1 101.4 152.0
129 86.9 82.4 123.6
131 82.4 78.2 117.4



#65
Chlorobenzene
Concen: 0.992 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion:112 Resp: 19211
Ion Ratio Lower Upper
112 100
114 34.5 25.0 37.4

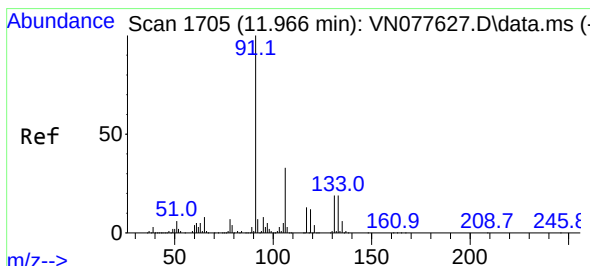
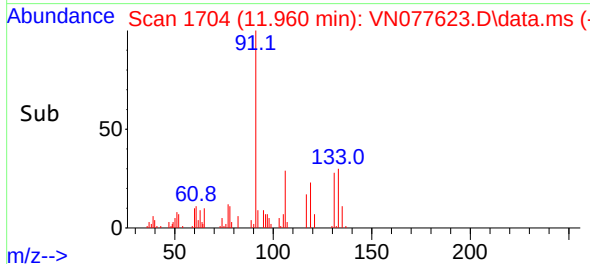
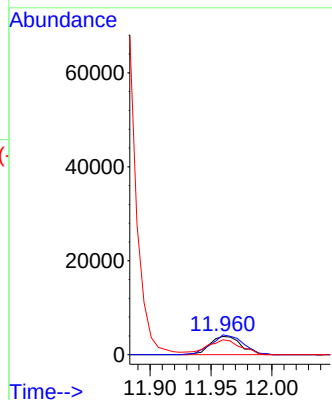
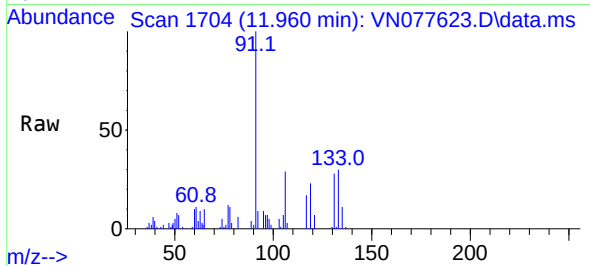




#66
1,1,1,2-Tetrachloroethane
Concen: 0.999 ug/l
RT: 11.960 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

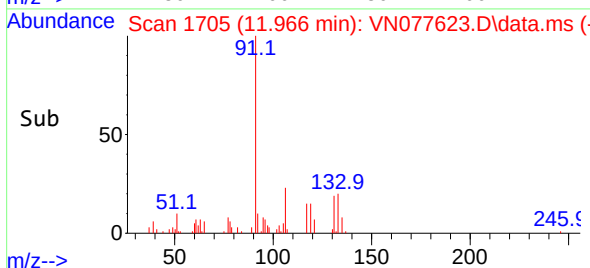
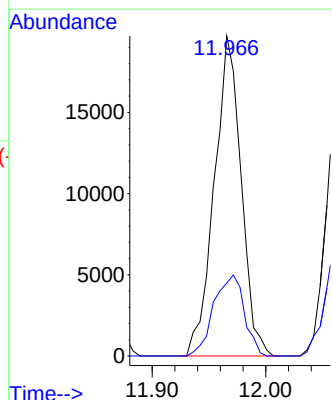
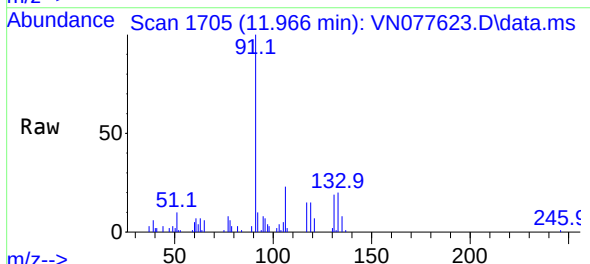
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

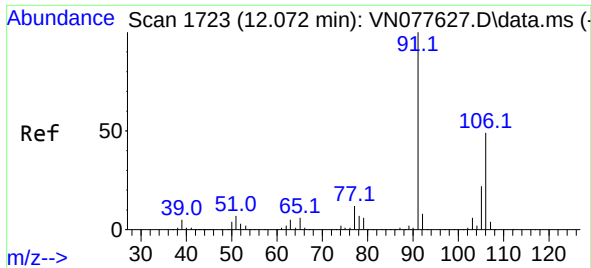
Tgt Ion:131 Resp: 6969
Ion Ratio Lower Upper
131 100
133 109.8 46.4 139.1
119 0.0 34.1 102.2#



#67
Ethyl Benzene
Concen: 0.953 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 91 Resp: 32380
Ion Ratio Lower Upper
91 100
106 22.8 25.6 38.4#

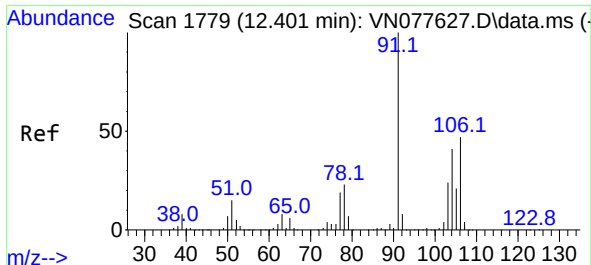
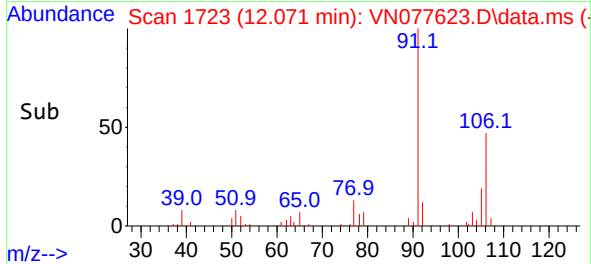
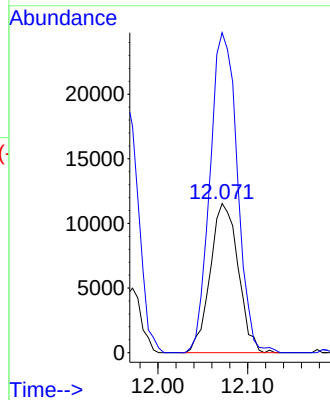
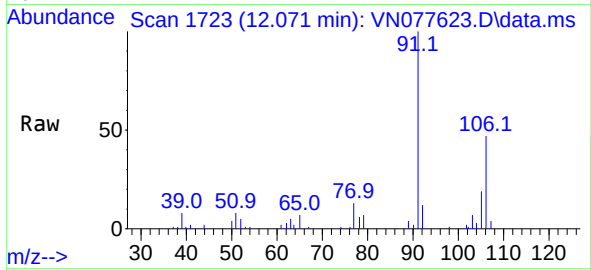




#68
m/p-Xylenes
Concen: 1.858 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

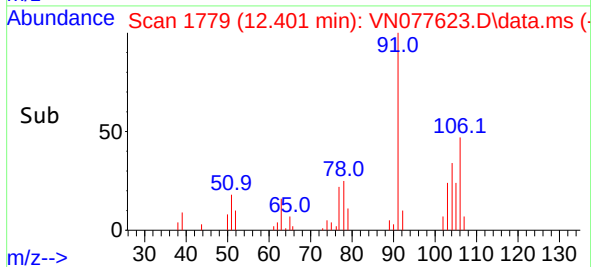
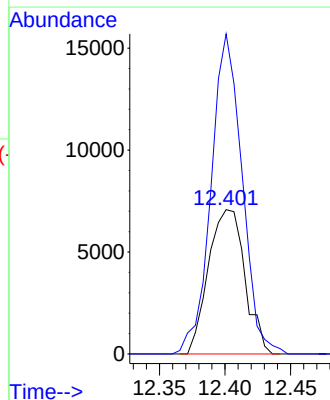
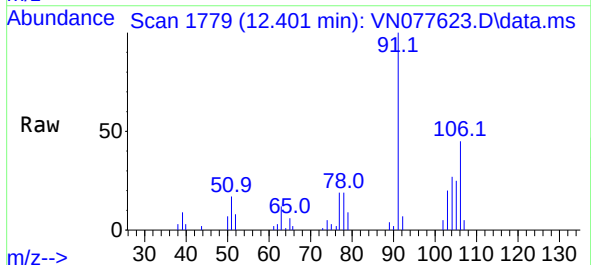
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

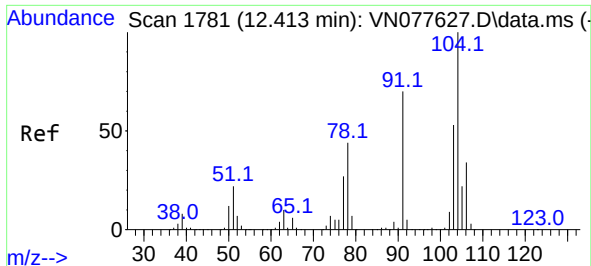
Tgt Ion:106 Resp: 25007
Ion Ratio Lower Upper
106 100
91 209.7 159.6 239.4



#69
o-Xylene
Concen: 1.015 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion:106 Resp: 13689
Ion Ratio Lower Upper
106 100
91 188.7 105.2 315.5

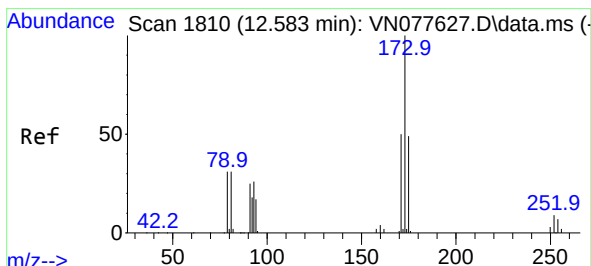
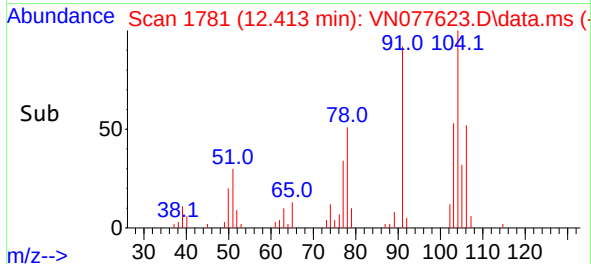
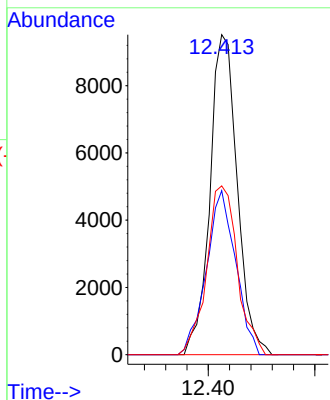
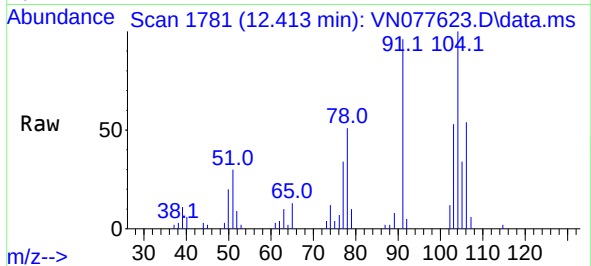




#70
 Styrene
 Concen: 0.820 ug/l
 RT: 12.413 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN077623.D
 Acq: 09 May 2023 10:34

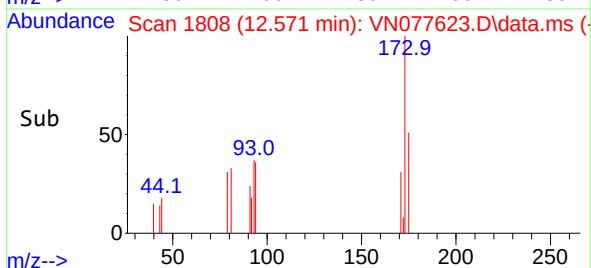
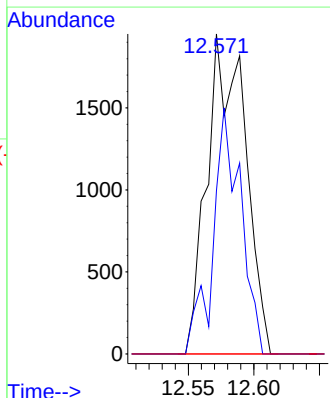
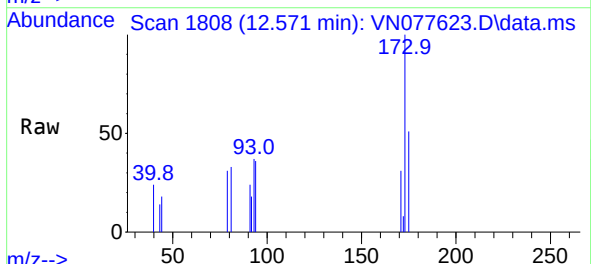
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

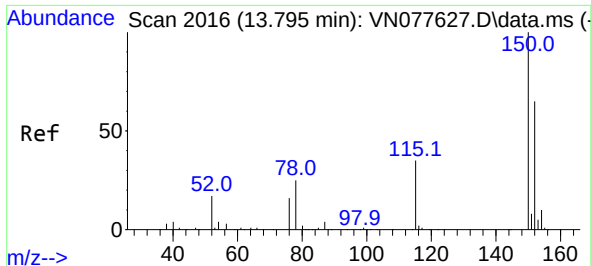
Tgt Ion:104	Resp:	16933	
Ion	Ratio	Lower	Upper
104	100		
78	55.0	39.5	59.3
103	59.3	43.2	64.8



#71
 Bromoform
 Concen: 0.934 ug/l
 RT: 12.571 min Scan# 1808
 Delta R.T. -0.012 min
 Lab File: VN077623.D
 Acq: 09 May 2023 10:34

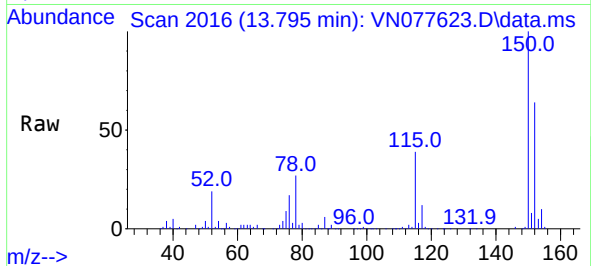
Tgt Ion:173	Resp:	3954	
Ion	Ratio	Lower	Upper
173	100		
175	56.0	24.3	73.0
254	0.0	0.0	0.0



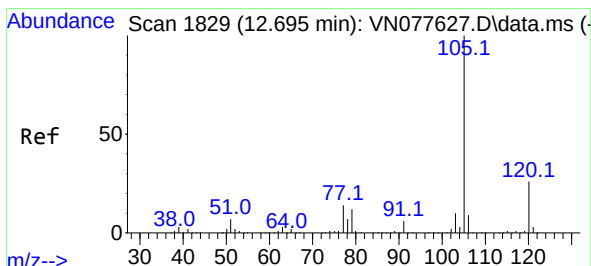
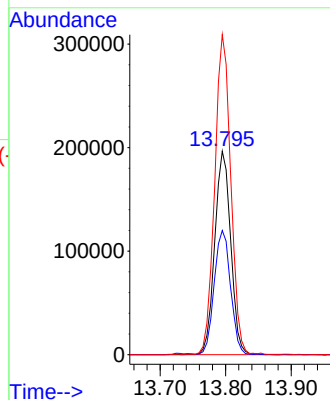
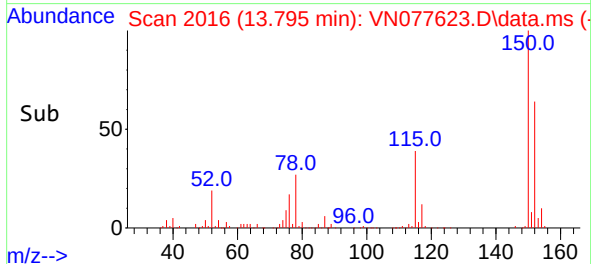


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

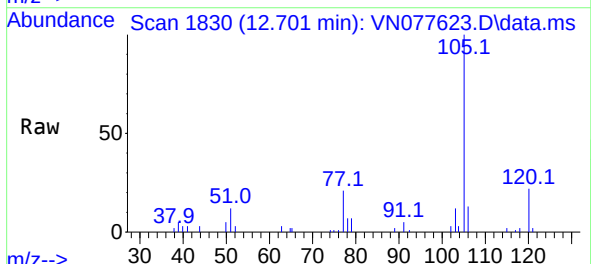
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



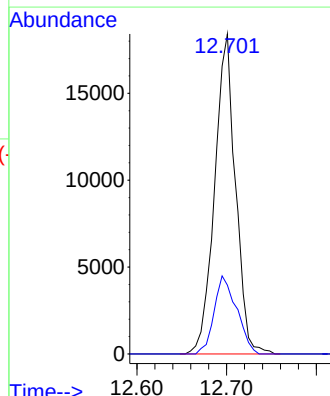
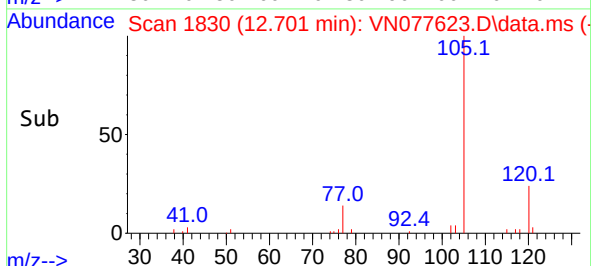
Tgt Ion:152 Resp: 332413
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 157.3 0.0 355.8

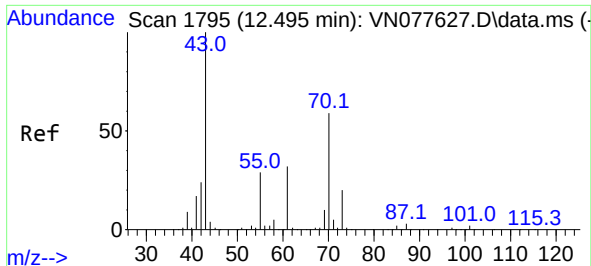


#73
Isopropylbenzene
Concen: 1.004 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34



Tgt Ion:105 Resp: 29774
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

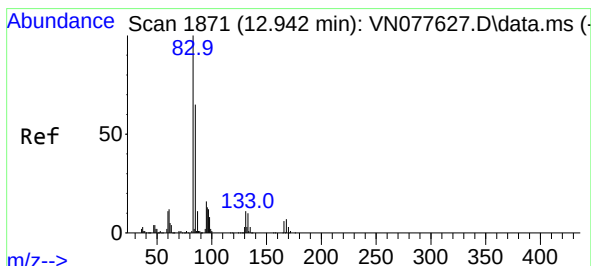
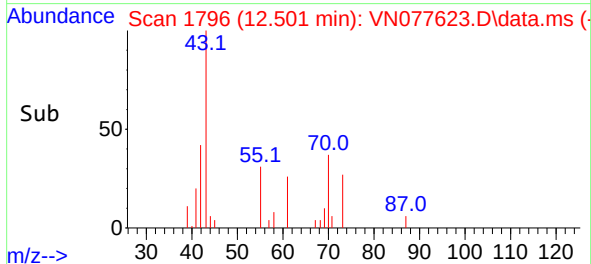
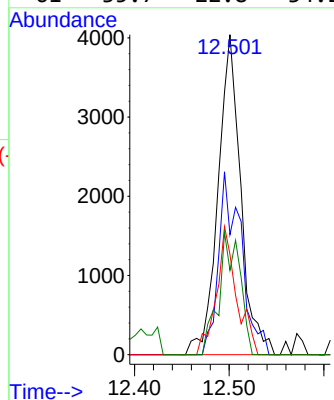
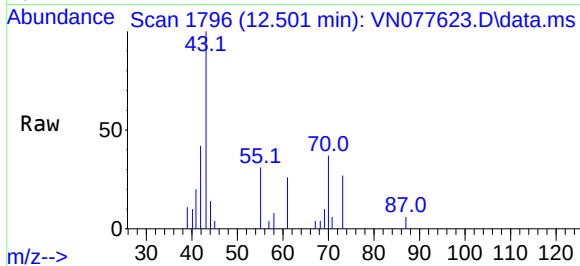




#74
N-amy1 acetate
Concen: 1.032 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

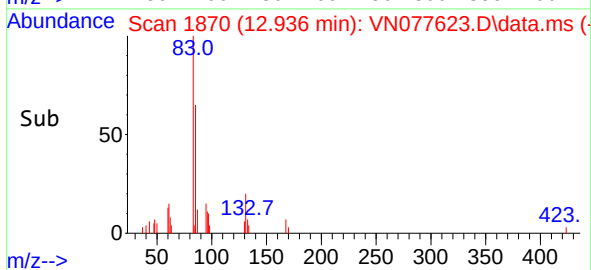
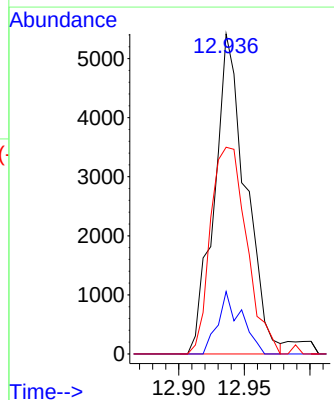
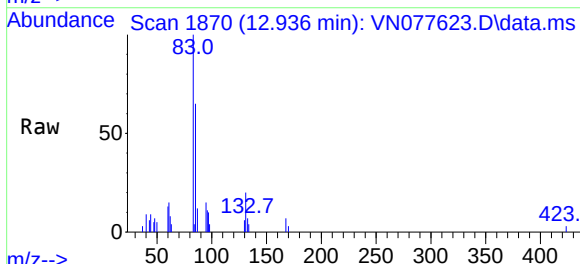
Instrument :
MSVOA_N
ClientSampleId :
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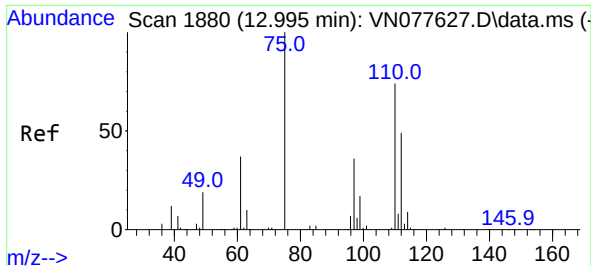
Tgt Ion: 43	Resp: 6753
Ion Ratio	Lower Upper
43 100	
70 56.8	43.4 65.2
55 35.6	21.4 32.0#
61 35.7	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.109 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 83	Resp: 9042
Ion Ratio	Lower Upper
83 100	
131 14.6	5.0 15.0
85 74.1	31.9 95.7

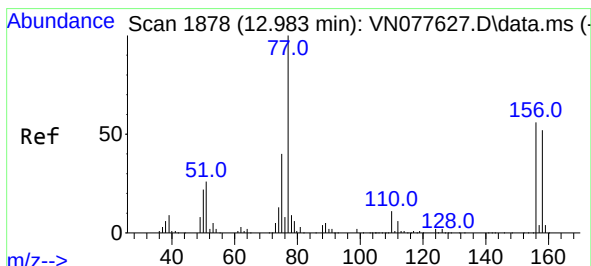
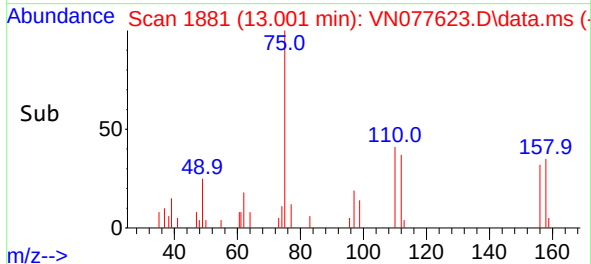
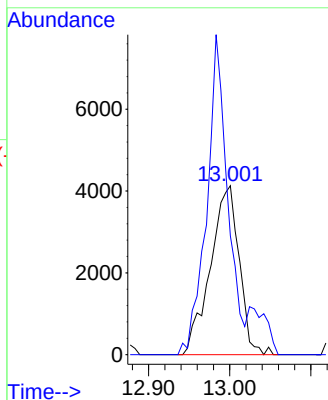
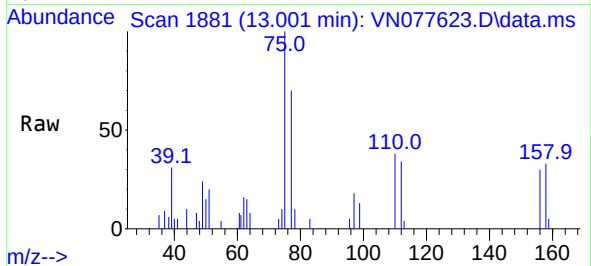




#76
1,2,3-Trichloropropane
Concen: 1.561 ug/l
RT: 13.001 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

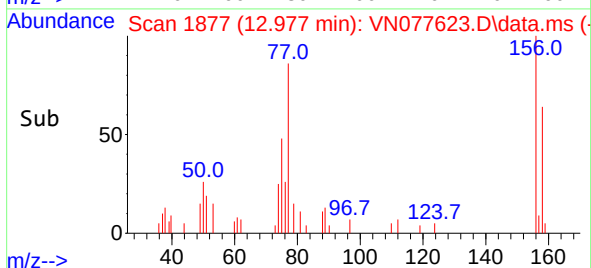
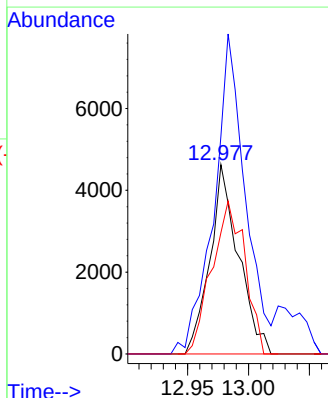
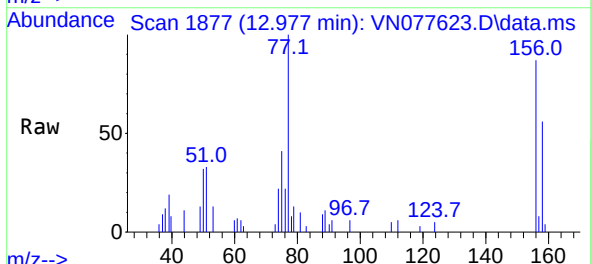
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

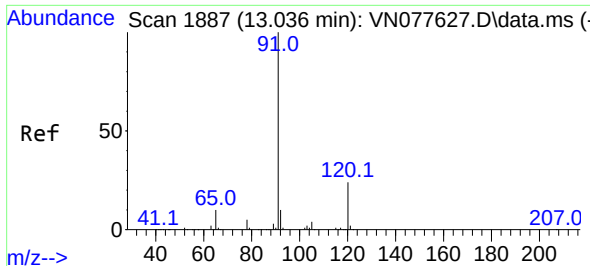
Tgt Ion: 75 Resp: 10219
Ion Ratio Lower Upper
75 100
77 136.5 84.5 253.5



#77
Bromobenzene
Concen: 1.149 ug/l
RT: 12.977 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion:156 Resp: 7545
Ion Ratio Lower Upper
156 100
77 184.8 107.7 323.3
158 93.4 48.4 145.3

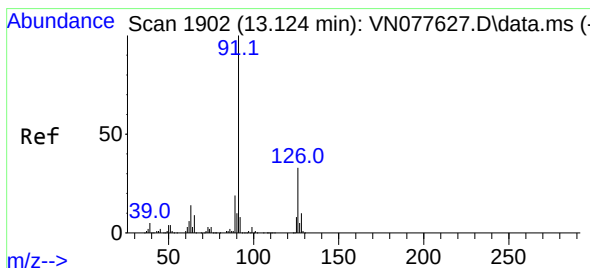
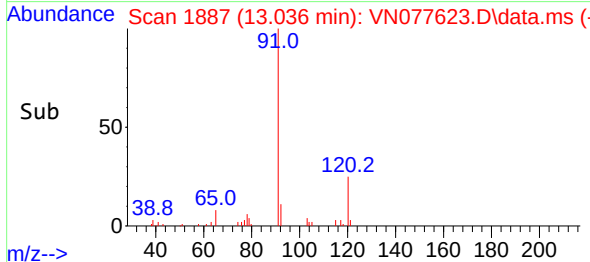
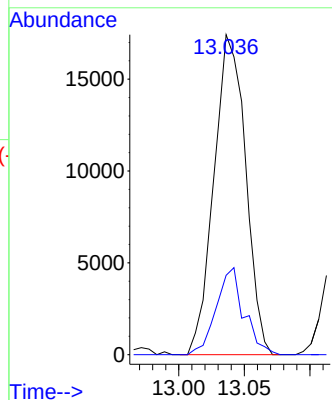
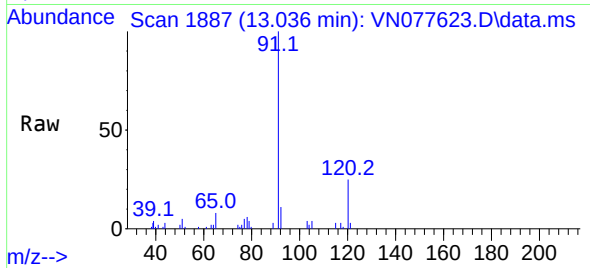




#78
n-propylbenzene
Concen: 0.919 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

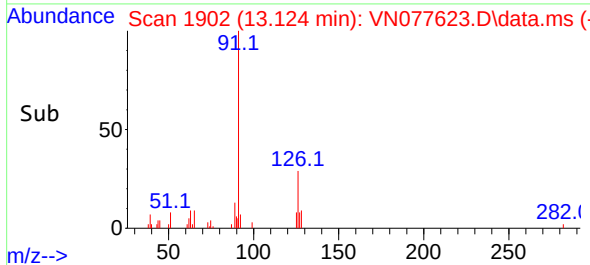
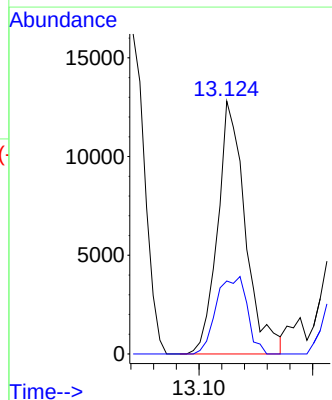
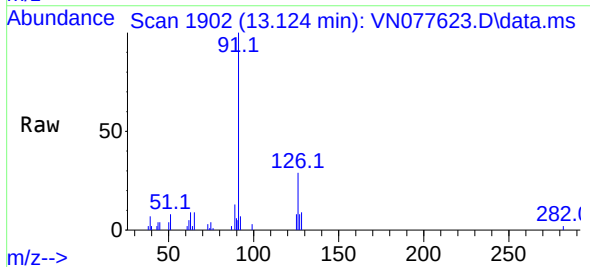
Instrument :
MSVOA_N
ClientSampleId :
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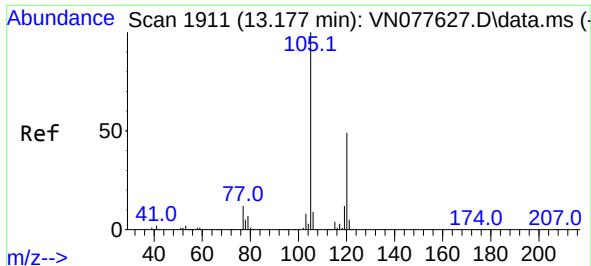
Tgt Ion: 91 Resp: 29268
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4



#79
2-Chlorotoluene
Concen: 1.075 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 91 Resp: 21799
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

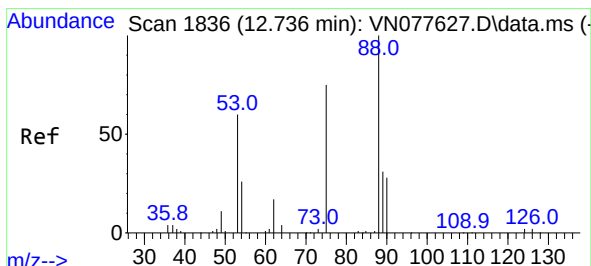
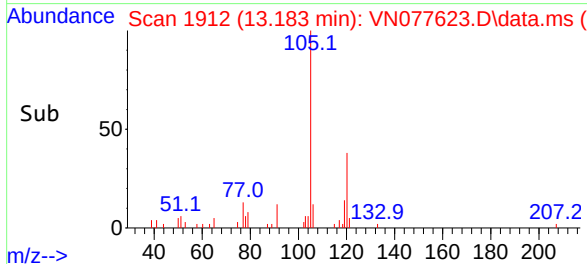
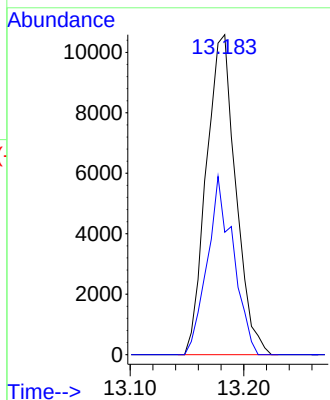
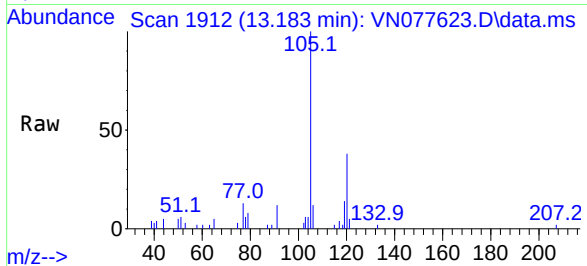




#80
1,3,5-Trimethylbenzene
Concen: 0.840 ug/l
RT: 13.183 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

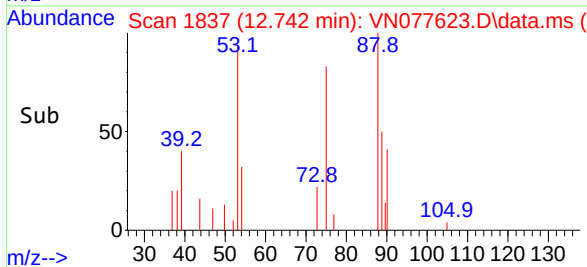
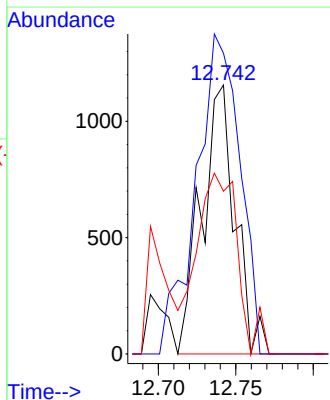
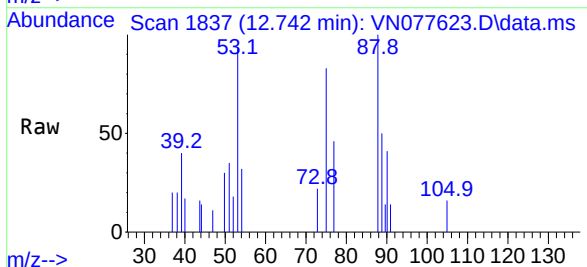
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

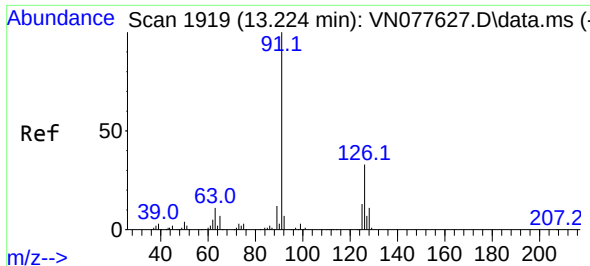
Tgt Ion:105 Resp: 19050
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 0.805 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 75 Resp: 1734
Ion Ratio Lower Upper
75 100
53 155.4 67.4 101.2#
89 82.2 38.8 58.2#

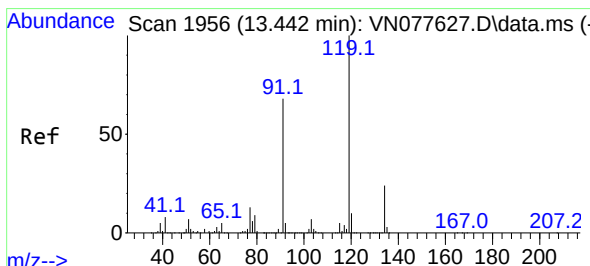
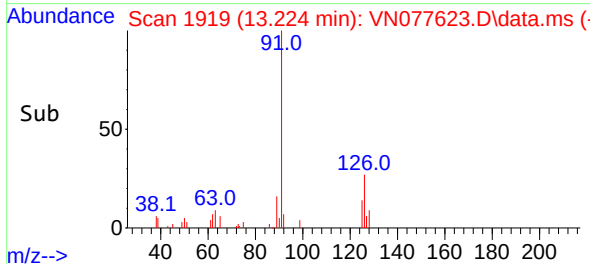
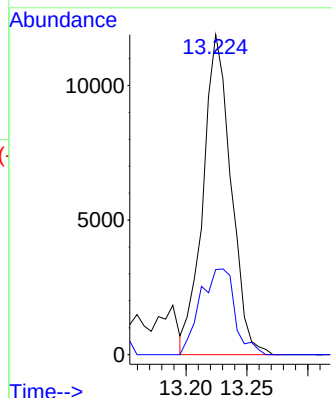
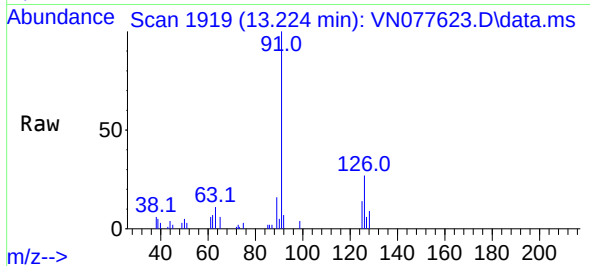




#82
4-Chlorotoluene
Concen: 1.002 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

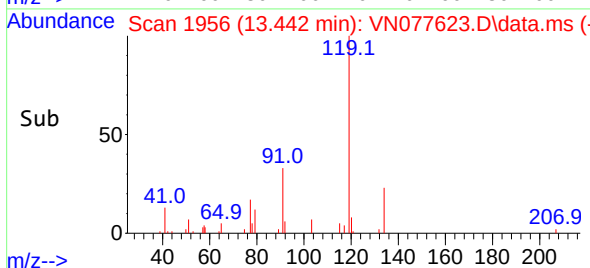
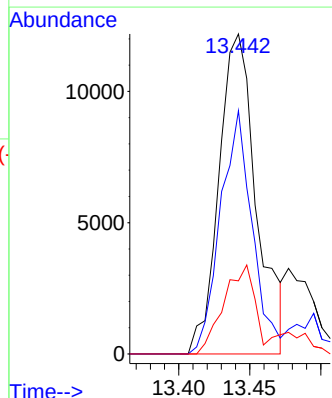
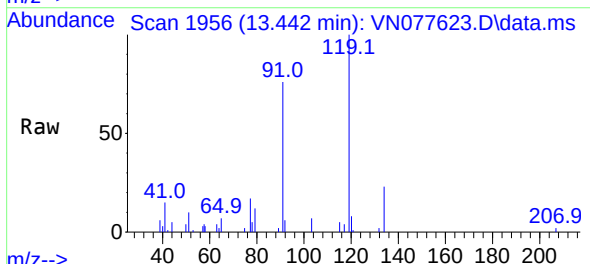
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

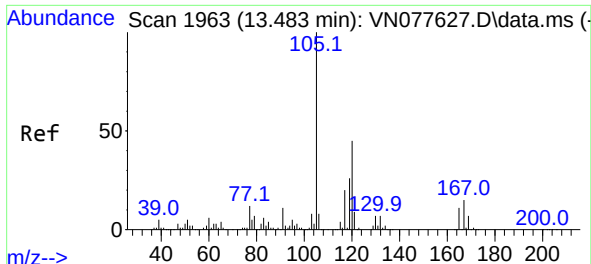
Tgt Ion: 91 Resp: 19050
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0



#83
tert-Butylbenzene
Concen: 1.054 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 119 Resp: 22473
Ion Ratio Lower Upper
119 100
91 64.3 33.9 101.7
134 23.8 13.2 39.6

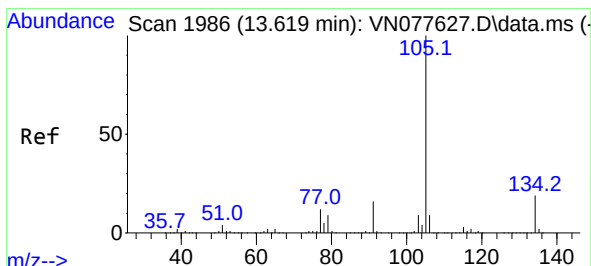
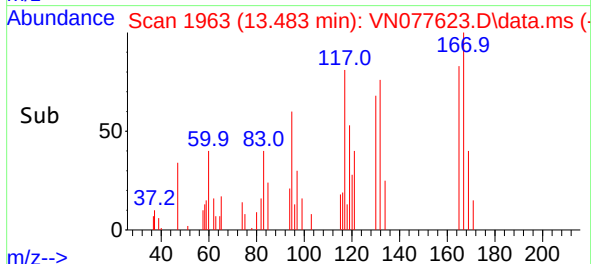
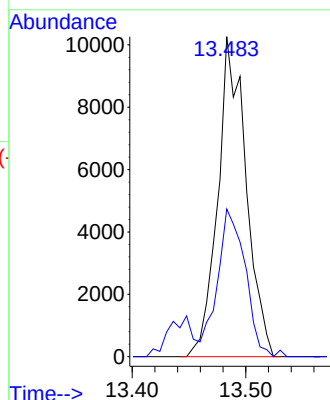
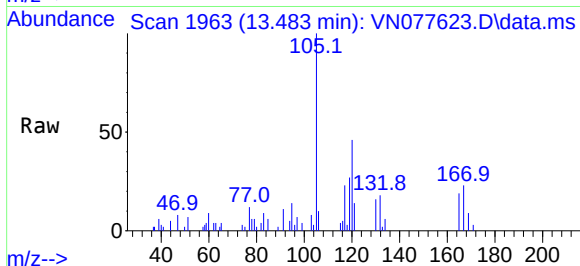




#84
1,2,4-Trimethylbenzene
Concen: 0.831 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

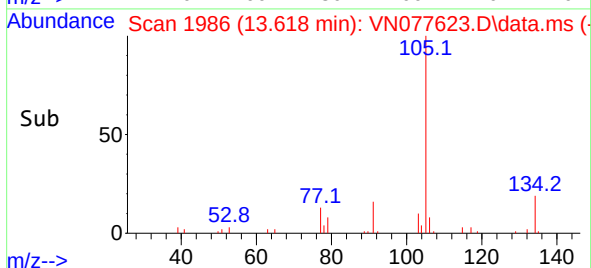
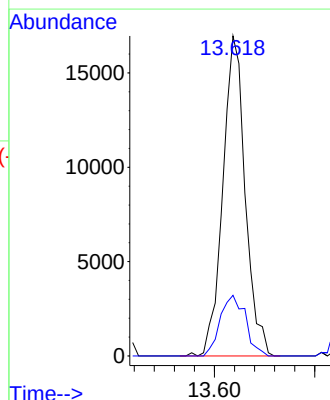
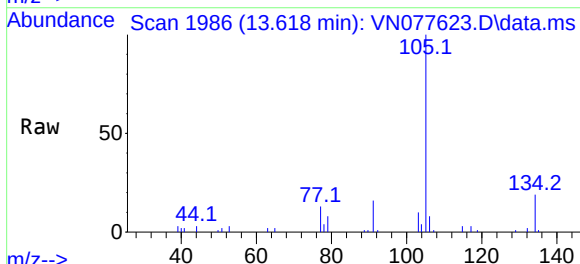
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

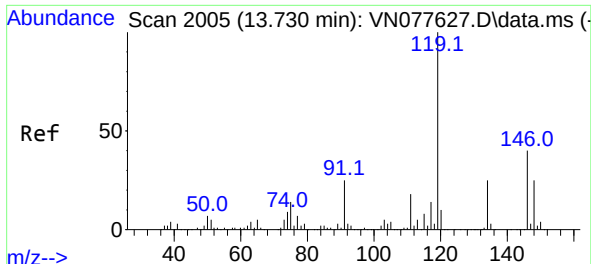
Tgt Ion:105 Resp: 17709
Ion Ratio Lower Upper
105 100
120 45.4 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.915 ug/l
RT: 13.618 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion:105 Resp: 26257
Ion Ratio Lower Upper
105 100
134 21.4 9.8 29.3





#86

p-Isopropyltoluene

Concen: 0.862 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VN077623.D

Acq: 09 May 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

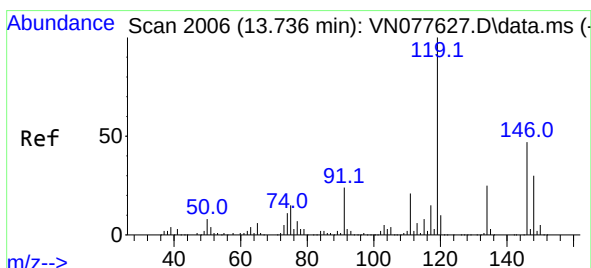
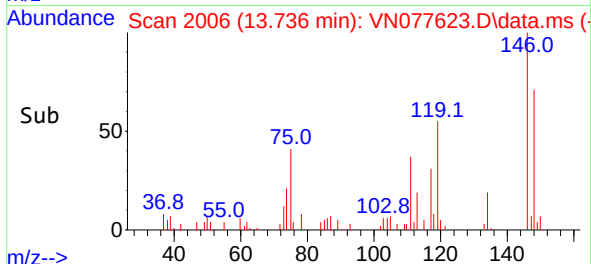
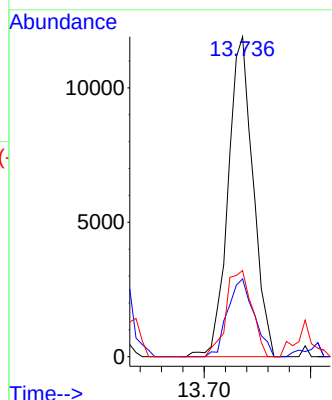
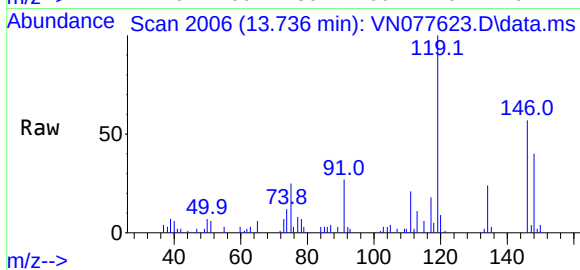
Tgt Ion:119 Resp: 19336

Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 27.8 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 1.087 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077623.D

Acq: 09 May 2023 10:34

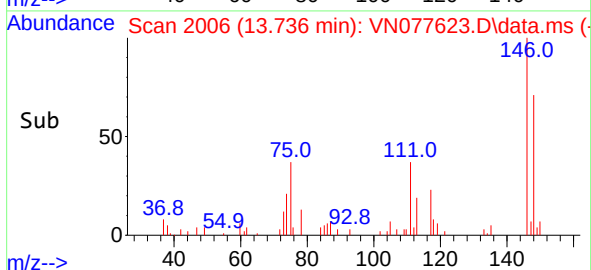
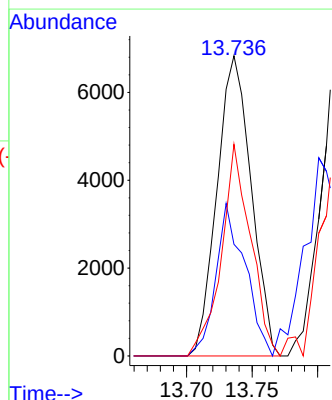
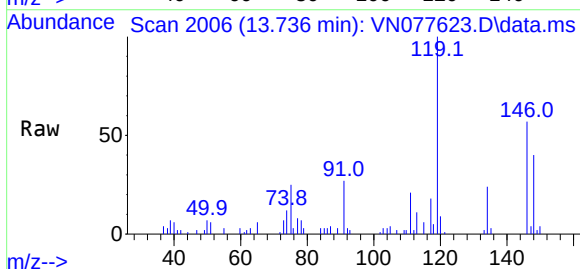
Tgt Ion:146 Resp: 12408

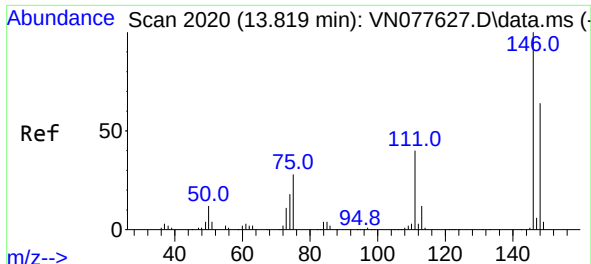
Ion Ratio Lower Upper

146 100

111 43.3 22.1 66.3

148 60.2 32.0 96.0

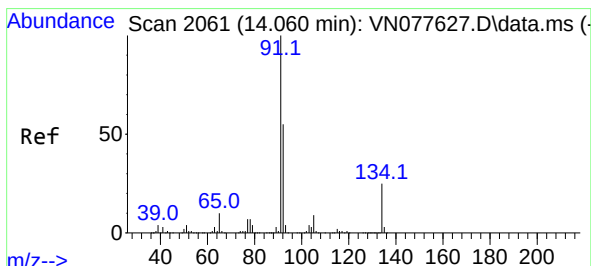
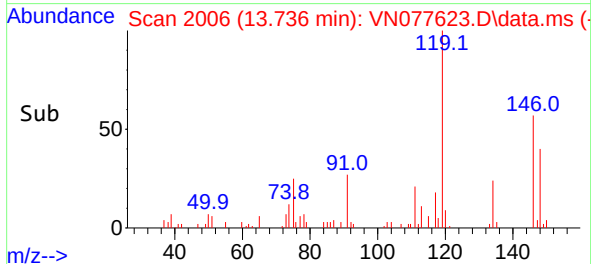
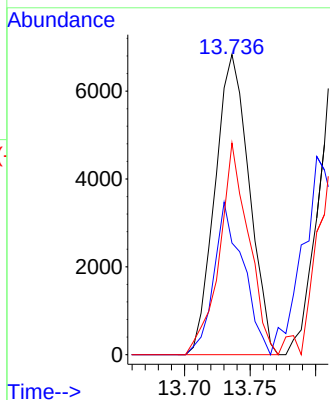
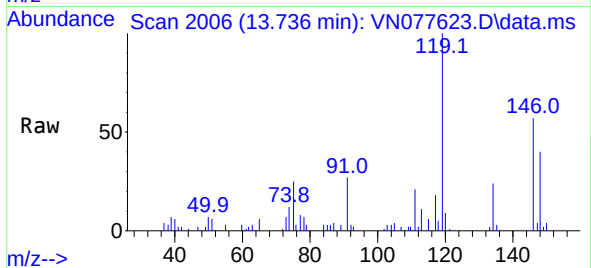




#88
1,4-Dichlorobenzene
Concen: 1.093 ug/l
RT: 13.736 min Scan# 2060
Delta R.T. -0.082 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

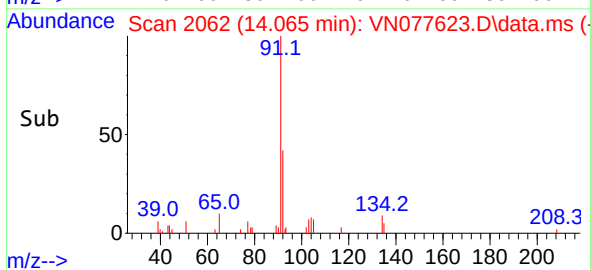
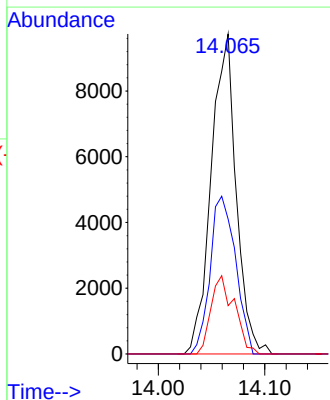
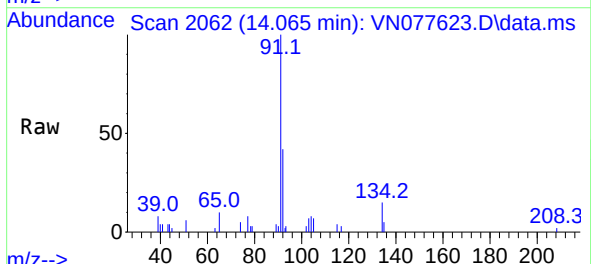
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

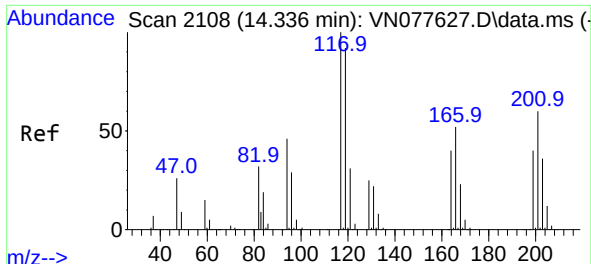
Tgt Ion:146 Resp: 12408
Ion Ratio Lower Upper
146 100
111 43.3 20.6 61.8
148 60.2 31.6 94.8



#89
n-Butylbenzene
Concen: 0.891 ug/l
RT: 14.065 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion: 91 Resp: 15851
Ion Ratio Lower Upper
91 100
92 50.2 26.4 79.0
134 23.0 12.6 37.6

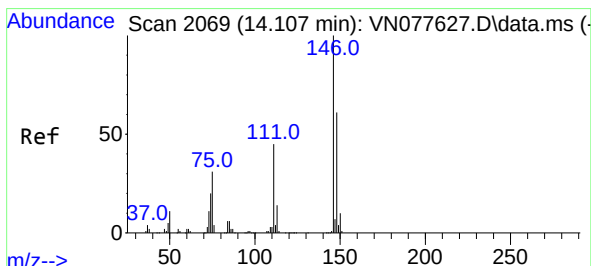
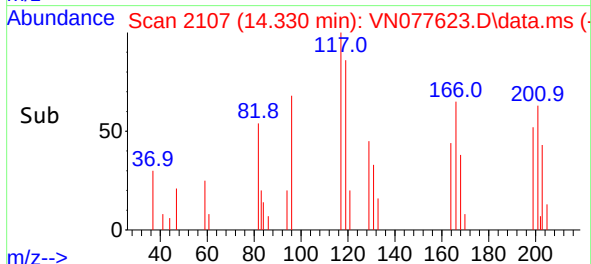
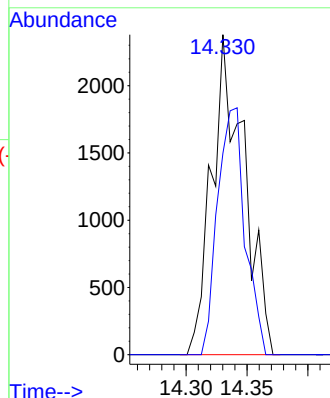
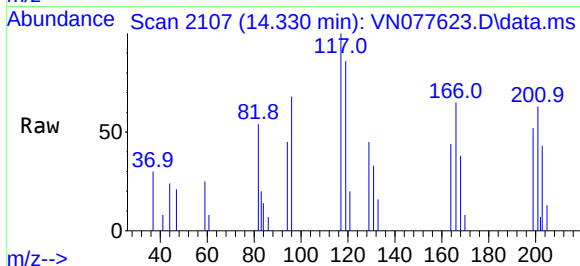




#90
Hexachloroethane
Concen: 1.022 ug/l
RT: 14.330 min Scan# 2108
Delta R.T. -0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

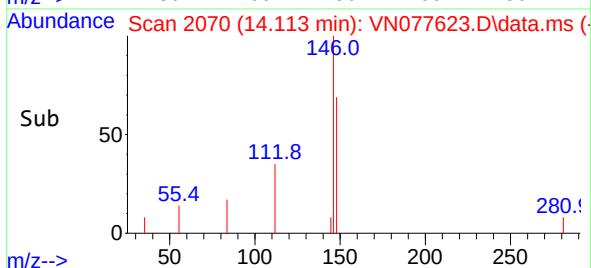
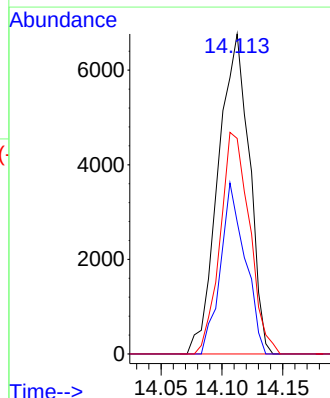
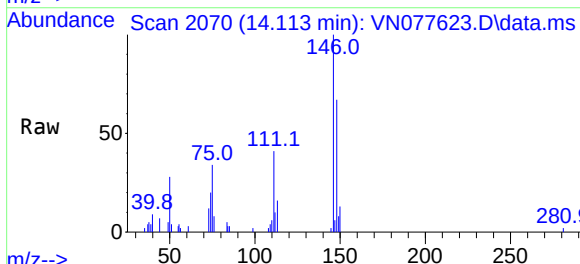
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

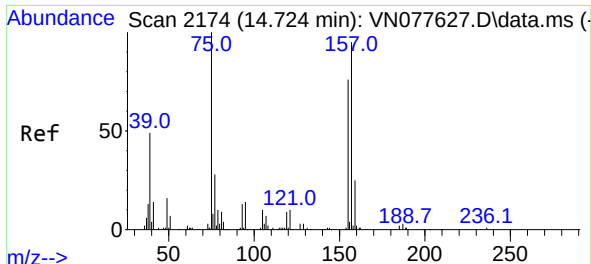
Tgt Ion:117 Resp: 4398
Ion Ratio Lower Upper
117 100
201 65.4 29.3 88.0



#91
1,2-Dichlorobenzene
Concen: 1.059 ug/l
RT: 14.113 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

Tgt Ion:146 Resp: 12017
Ion Ratio Lower Upper
146 100
111 42.2 22.0 66.0
148 65.6 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.177 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN077623.D

Acq: 09 May 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

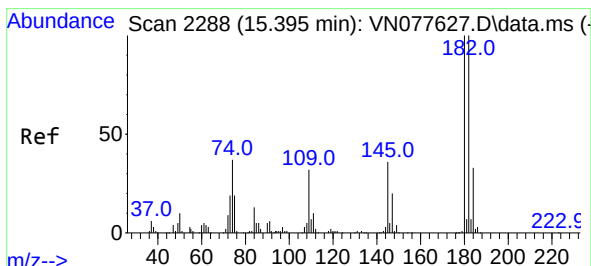
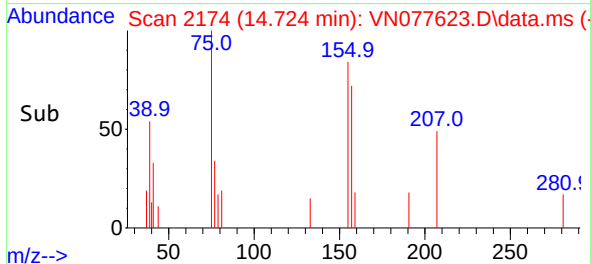
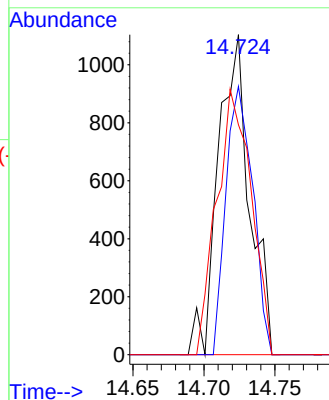
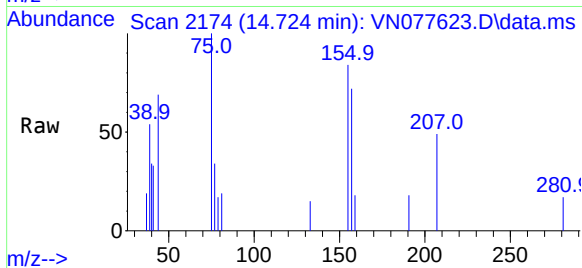
Tgt Ion: 75 Resp: 1698

Ion Ratio Lower Upper

75 100

155 71.8 39.1 117.2

157 91.5 50.3 150.9



#93

1,2,4-Trichlorobenzene

Concen: 5.080 ug/l

RT: 15.389 min Scan# 2287

Delta R.T. -0.006 min

Lab File: VN077623.D

Acq: 09 May 2023 10:34

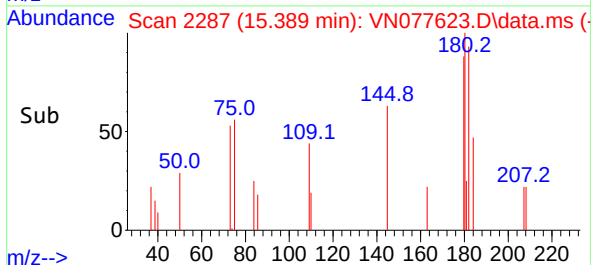
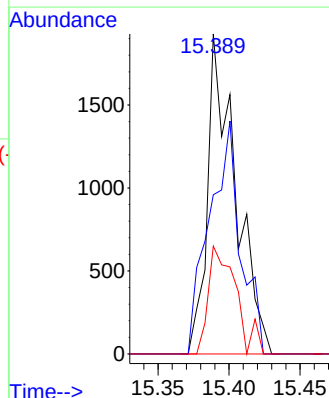
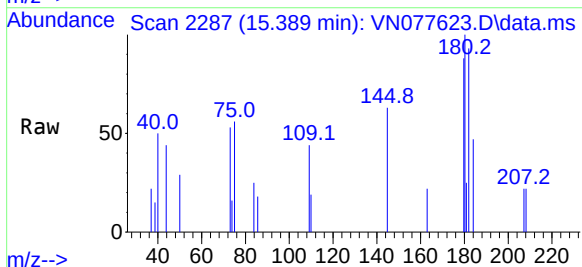
Tgt Ion: 180 Resp: 2665

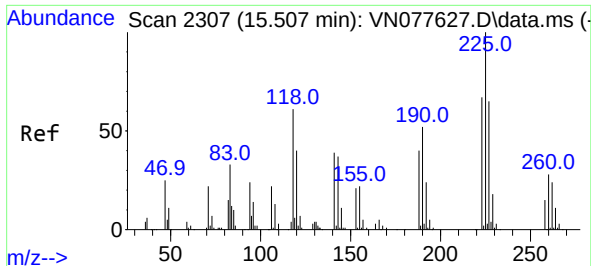
Ion Ratio Lower Upper

180 100

182 79.8 46.1 138.2

145 32.9 16.6 49.8

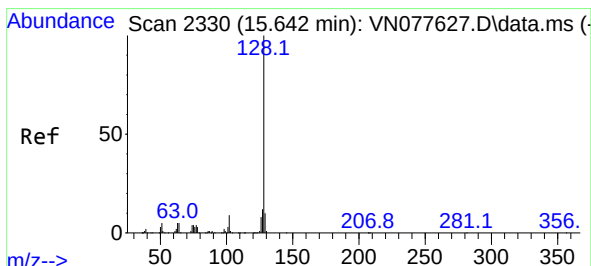
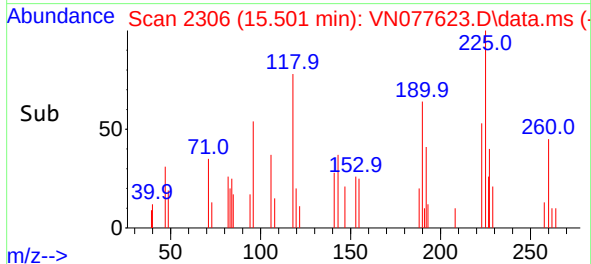
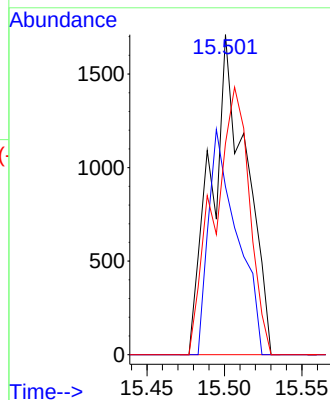
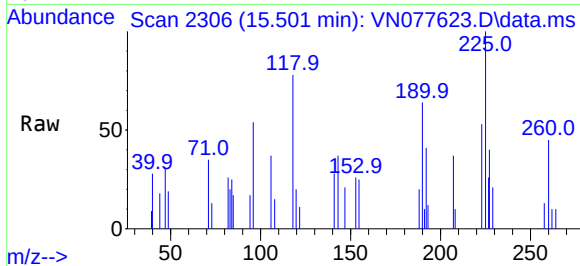




#94
Hexachlorobutadiene
Concen: 1.114 ug/l
RT: 15.501 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

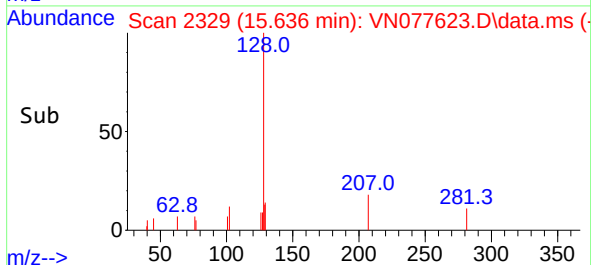
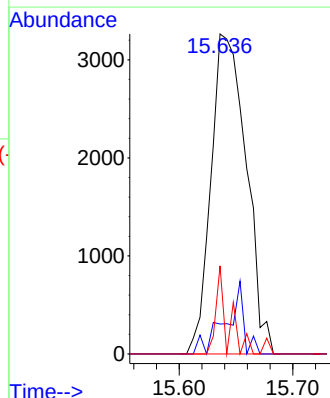
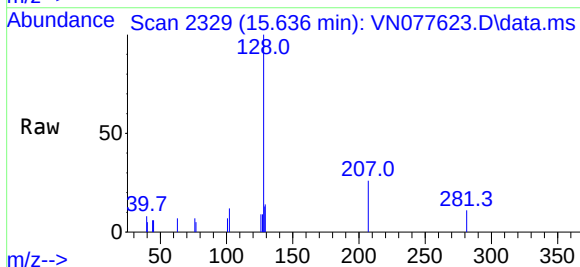
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

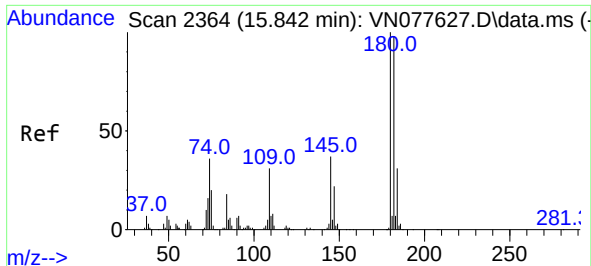
Tgt Ion:	225	Resp:	2702
Ion	Ratio	Lower	Upper
225	100		
223	57.3	31.3	93.8
227	84.2	31.9	95.9



#95
Naphthalene
Concen: 5.117 ug/l
RT: 15.636 min Scan# 2329
Delta R.T. -0.006 min
Lab File: VN077623.D
Acq: 09 May 2023 10:34

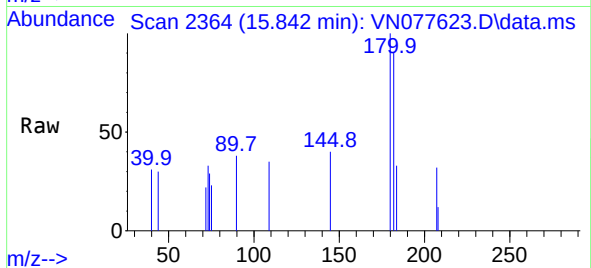
Tgt Ion:	128	Resp:	7016
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.0	15.0
129	9.2	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 4.986 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077623.D
 Acq: 09 May 2023 10:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion:	180	Resp:	2413
Ion	Ratio	Lower	Upper
180	100		
182	55.5	46.2	138.6
145	44.6	17.5	52.6

