

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073615.D
 Acq On : 28 Jul 2022 10:31
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Jul 29 01:30:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	381604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	642157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	559162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	220684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	5592	1.202	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.400%#
35) Dibromofluoromethane	7.945	113	4406	1.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.180%#
50) Toluene-d8	10.380	98	15712	0.990	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.980%#
62) 4-Bromofluorobenzene	12.674	95	4552	0.928	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	1.860%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	4108	1.128	ug/l	97
3) Chloromethane	2.269	50	6825	1.281	ug/l	89
4) Vinyl Chloride	2.404	62	7281	1.133	ug/l	90
5) Bromomethane	2.804	94	5136	1.368	ug/l	96
6) Chloroethane	2.963	64	5811	1.290	ug/l	92
7) Trichlorofluoromethane	3.322	101	7382	1.111	ug/l #	75
8) Diethyl Ether	3.757	74	2977	1.222	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.146	101	4187	1.106	ug/l	94
10) Methyl Iodide	4.357	142	3334	0.889	ug/l #	89
11) Tert butyl alcohol	5.287	59	4921	4.907	ug/l #	86
12) 1,1-Dichloroethene	4.116	96	4148	1.168	ug/l #	77
13) Acrolein	3.987	56	5915	5.949	ug/l	97
14) Allyl chloride	4.757	41	6362	1.083	ug/l	98
15) Acrylonitrile	5.475	53	14386	5.240	ug/l	98
16) Acetone	4.240	43	15396	6.181	ug/l	93
17) Carbon Disulfide	4.463	76	10788	1.108	ug/l	100
18) Methyl Acetate	4.787	43	7455	1.204	ug/l	96
19) Methyl tert-butyl Ether	5.540	73	12795	1.052	ug/l	98
20) Methylene Chloride	5.016	84	8845	1.785	ug/l #	86
21) trans-1,2-Dichloroethene	5.516	96	4234	1.077	ug/l	84
22) Diisopropyl ether	6.410	45	13200	1.083	ug/l #	86
23) Vinyl Acetate	6.345	43	50983	4.933	ug/l	96
24) 1,1-Dichloroethane	6.304	63	9012	1.197	ug/l #	88
25) 2-Butanone	7.263	43	20470	5.247	ug/l	100
26) 2,2-Dichloropropane	7.239	77	6545	1.078	ug/l #	74
27) cis-1,2-Dichloroethene	7.245	96	5152	1.072	ug/l	98
28) Bromochloromethane	7.586	49	3790	1.194	ug/l #	99
29) Tetrahydrofuran	7.616	42	12363	5.014	ug/l	97
30) Chloroform	7.751	83	9110	1.143	ug/l	98
31) Cyclohexane	8.022	56	14539	2.100	ug/l #	50
32) 1,1,1-Trichloroethane	7.939	97	7359	1.112	ug/l #	51
36) 1,1-Dichloropropene	8.145	75	6002	1.044	ug/l	99
37) Ethyl Acetate	7.334	43	8383	1.156	ug/l #	87
38) Carbon Tetrachloride	8.139	117	6555	1.138	ug/l #	85
39) Methylcyclohexane	9.392	83	6855	1.013	ug/l #	78
40) Benzene	8.386	78	19804	1.070	ug/l #	87

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 ClientSampleId :
 VSTDICC001

Quant Time: Jul 29 01:30:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	3709	1.089	ug/l	89
42) 1,2-Dichloroethane	8.463	62	6902	1.091	ug/l	100
43) Isopropyl Acetate	8.492	43	10250	1.009	ug/l	99
44) Trichloroethene	9.151	130	5161	1.106	ug/l	99
45) 1,2-Dichloropropane	9.428	63	5340	1.153	ug/l #	86
46) Dibromomethane	9.510	93	3367	1.043	ug/l	97
47) Bromodichloromethane	9.704	83	7002	1.139	ug/l #	95
48) Methyl methacrylate	9.498	41	4493	1.024	ug/l	93
49) 1,4-Dioxane	9.504	88	2600	21.464	ug/l	89
51) 4-Methyl-2-Pentanone	10.275	43	35024	4.859	ug/l	96
52) Toluene	10.439	92	10745	0.955	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	5724	0.937	ug/l	90
54) cis-1,3-Dichloropropene	10.127	75	6728	0.982	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	4646	0.969	ug/l	93
56) Ethyl methacrylate	10.698	69	5376	0.825	ug/l #	90
57) 1,3-Dichloropropane	10.986	76	8418	1.053	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.980	63	11946	4.013	ug/l	99
59) 2-Hexanone	11.027	43	24477	4.451	ug/l	91
60) Dibromochloromethane	11.174	129	4506	0.944	ug/l	92
61) 1,2-Dibromoethane	11.292	107	5166	1.063	ug/l	92
64) Tetrachloroethene	10.922	164	5117	1.156	ug/l #	86
65) Chlorobenzene	11.710	112	13125	1.103	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.786	131	4597	1.092	ug/l #	65
67) Ethyl Benzene	11.786	91	20079	1.014	ug/l	96
68) m/p-Xylenes	11.892	106	14192	1.868	ug/l	99
69) o-Xylene	12.221	106	6634	0.900	ug/l	96
70) Styrene	12.239	104	10233	0.868	ug/l	97
71) Bromoform	12.398	173	3810	1.114	ug/l #	91
73) Isopropylbenzene	12.521	105	15074	0.930	ug/l	100
74) N-amyl acetate	12.333	43	5950	0.978	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.768	83	7563	1.210	ug/l	98
76) 1,2,3-Trichloropropane	12.827	75	9072	1.735	ug/l #	1
77) Bromobenzene	12.798	156	4609	1.100	ug/l	87
78) n-propylbenzene	12.863	91	16606	0.923	ug/l	97
79) 2-Chlorotoluene	12.951	91	11691	1.040	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	12004	0.909	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.574	75	1832	1.076	ug/l	97
82) 4-Chlorotoluene	13.045	91	10283	0.955	ug/l	99
83) tert-Butylbenzene	13.263	119	10837	0.930	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	11162	0.862	ug/l	93
85) sec-Butylbenzene	13.445	105	14369	0.895	ug/l	98
86) p-Isopropyltoluene	13.557	119	10262	0.808	ug/l	96
87) 1,3-Dichlorobenzene	13.557	146	8782	1.165	ug/l	97
88) 1,4-Dichlorobenzene	13.557	146	8782	1.142	ug/l	98
89) n-Butylbenzene	13.880	91	9813	0.943	ug/l	94
90) Hexachloroethane	14.151	117	2623	1.007	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	8680	1.117	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.533	75	1435	1.165	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	3624	0.944	ug/l	98
94) Hexachlorobutadiene	15.298	225	2225	1.064	ug/l	94
95) Naphthalene	15.433	128	10861	0.870	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.639	180	4153	1.034	ug/l	97

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Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

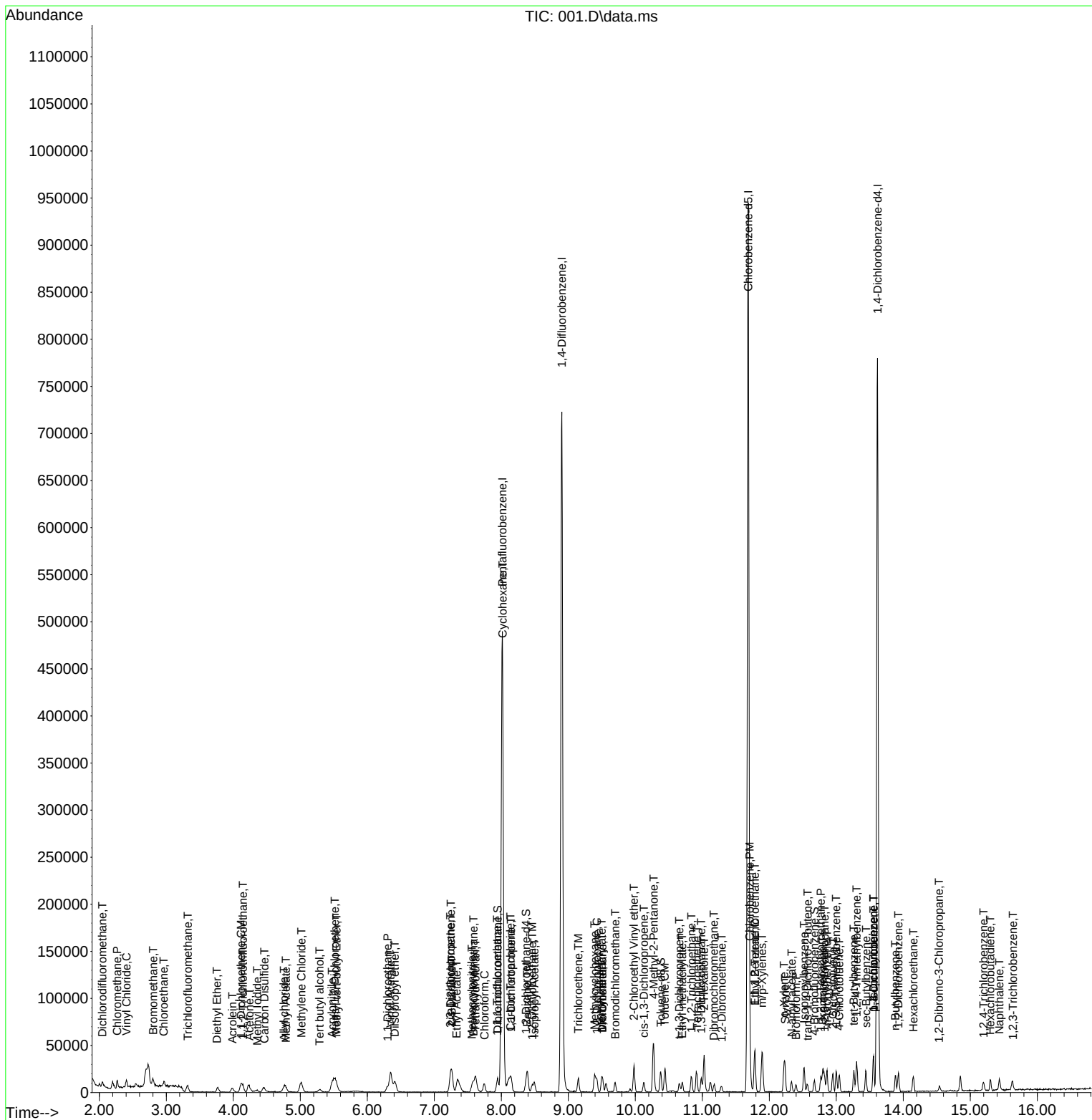
Instrument :
MSVOA_N
ClientSampleId :
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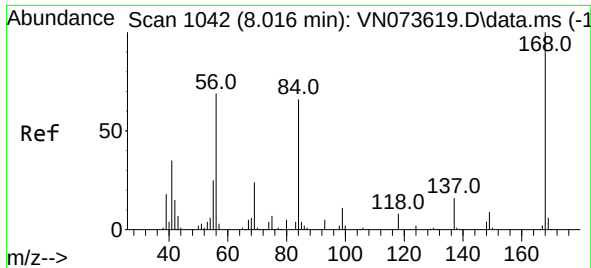
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Quant Title : SW846 8260
QLast Update : Fri Jul 29 01:29:16 2022
Response via : Initial Calibration

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

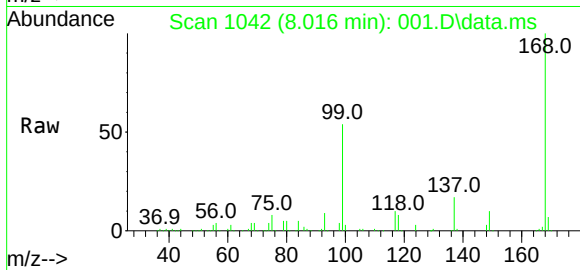
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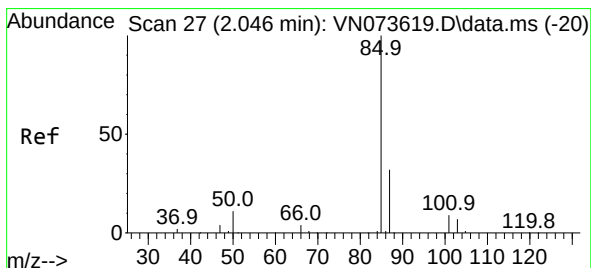
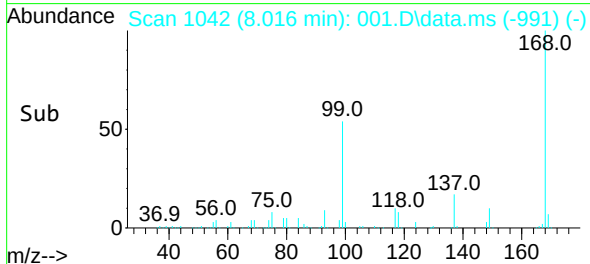
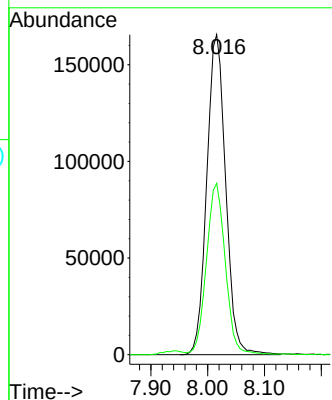


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Instrument :
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ClientSampleId :
VSTDIC001

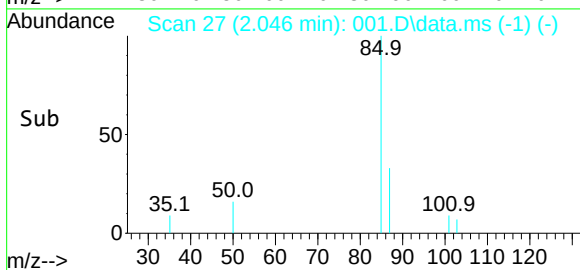
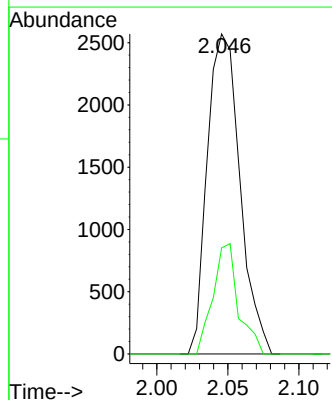
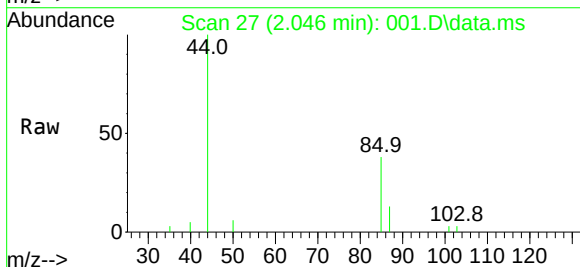


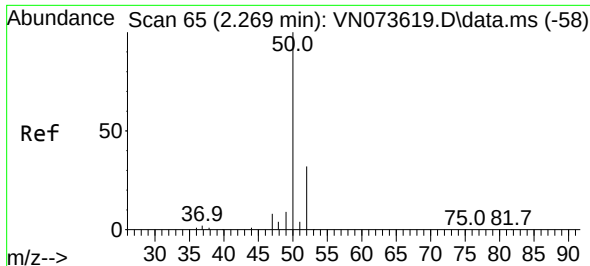
Tgt Ion:168 Resp: 381604
Ion Ratio Lower Upper
168 100
99 53.3 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 1.128 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 85 Resp: 4108
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.1

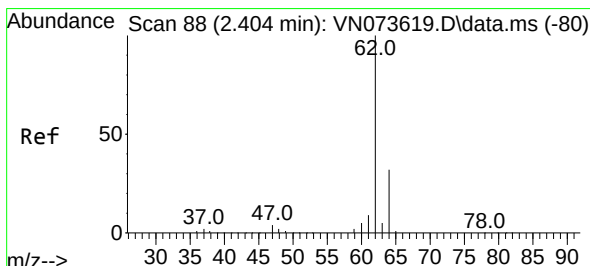
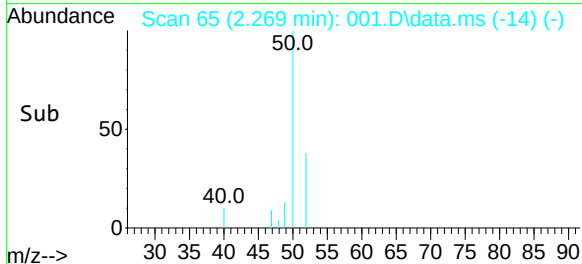
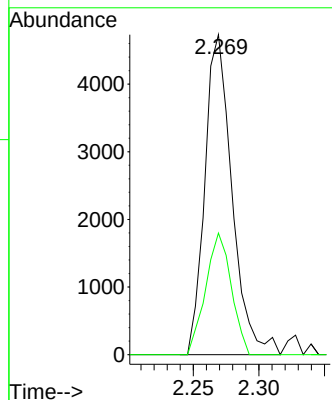
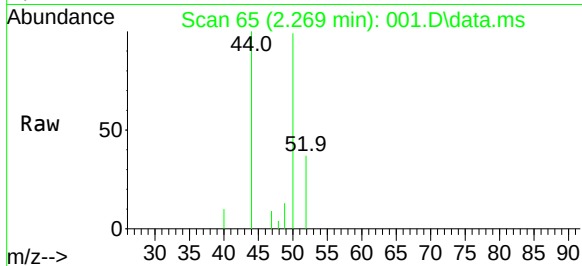




#3
Chloromethane
Concen: 1.281 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

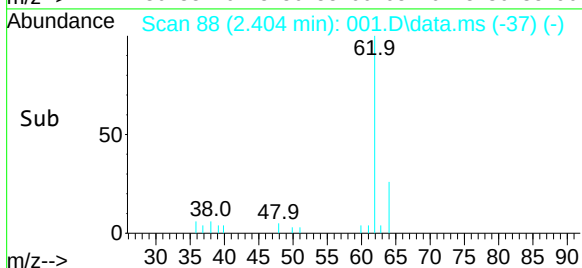
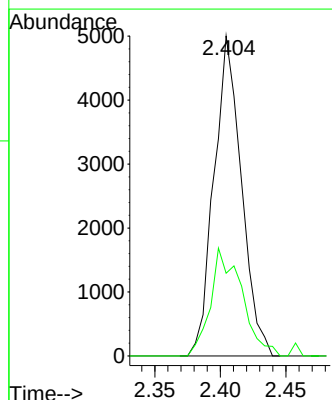
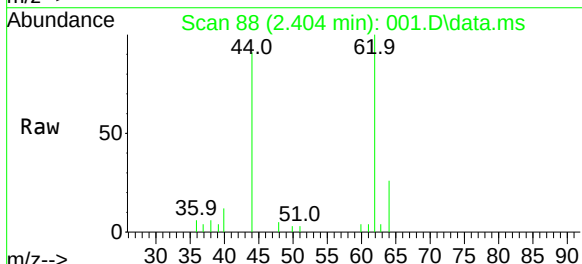
Instrument :
MSVOA_N
ClientSampleId :
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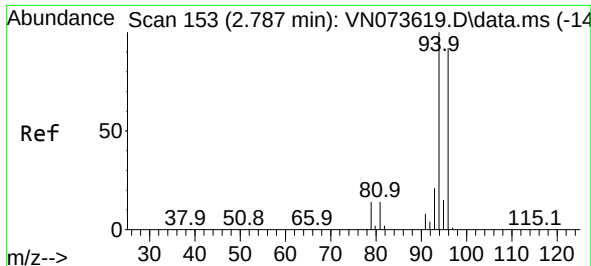
Tgt Ion: 50 Resp: 6825
Ion Ratio Lower Upper
50 100
52 38.0 25.7 38.5



#4
Vinyl Chloride
Concen: 1.133 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 62 Resp: 7281
Ion Ratio Lower Upper
62 100
64 25.8 25.0 37.4

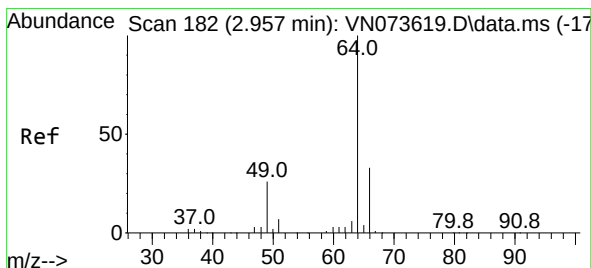
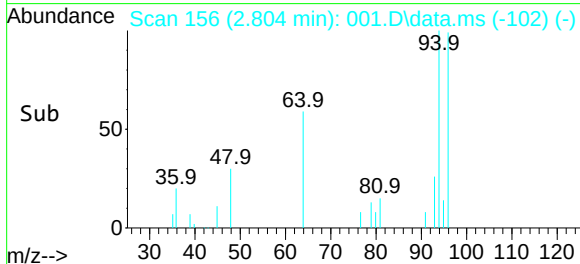
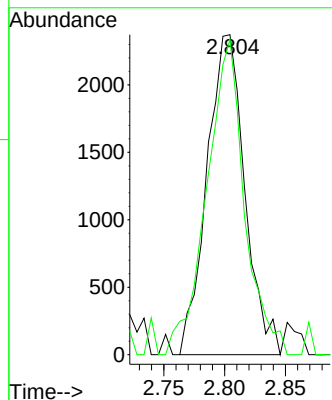
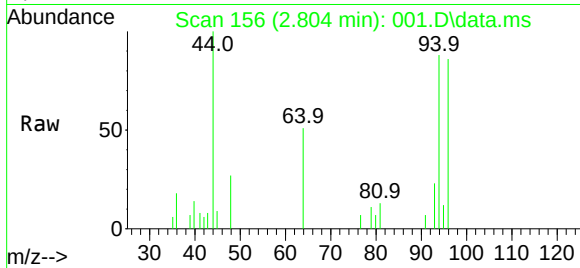




#5
Bromomethane
Concen: 1.368 ug/l
RT: 2.804 min Scan# 156
Delta R.T. 0.018 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

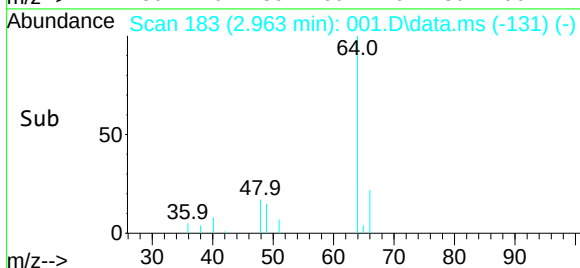
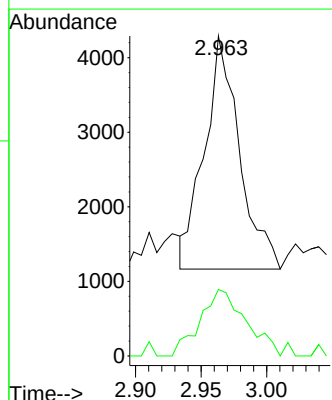
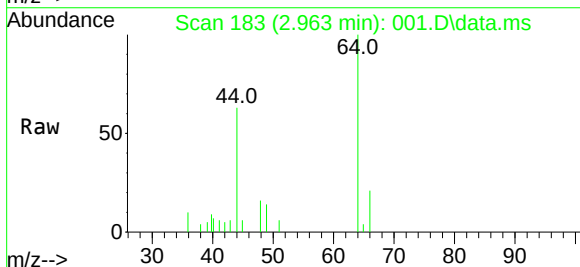
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MSVOA_N
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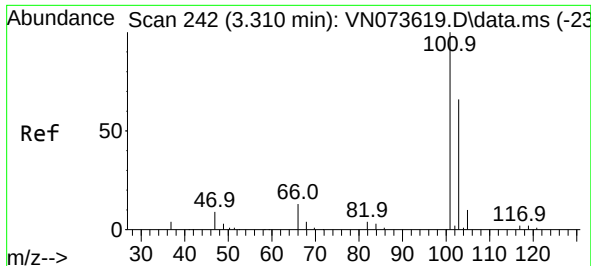
Tgt Ion: 94 Resp: 5136
Ion Ratio Lower Upper
94 100
96 91.1 76.0 114.0



#6
Chloroethane
Concen: 1.290 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 64 Resp: 5811
Ion Ratio Lower Upper
64 100
66 28.5 26.2 39.4

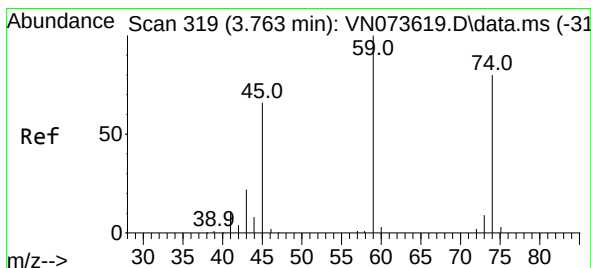
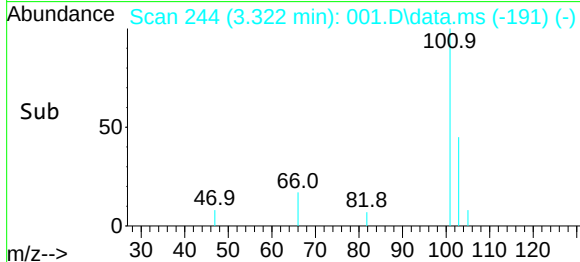
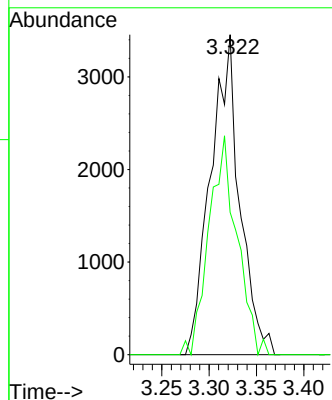
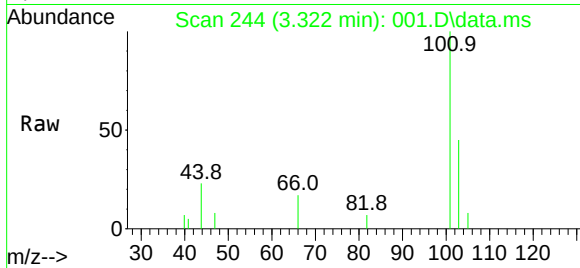




#7
 Trichlorofluoromethane
 Concen: 1.111 ug/l
 RT: 3.322 min Scan# 242
 Delta R.T. 0.012 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

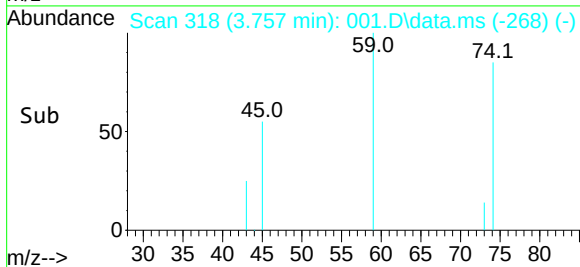
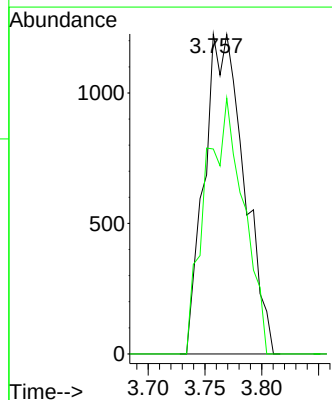
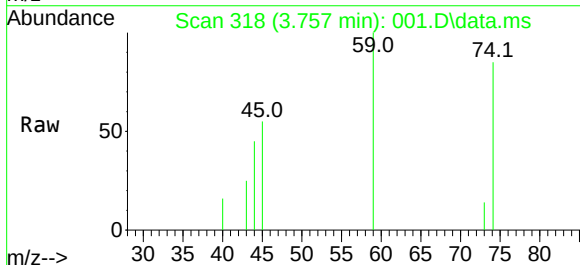
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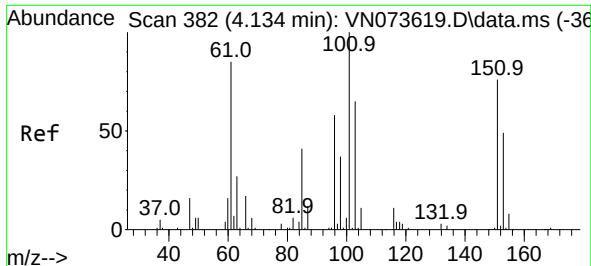
Tgt Ion:101 Resp: 7382
 Ion Ratio Lower Upper
 101 100
 103 44.5 51.5 77.3#



#8
 Diethyl Ether
 Concen: 1.222 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

Tgt Ion: 74 Resp: 2977
 Ion Ratio Lower Upper
 74 100
 45 77.1 42.9 128.5

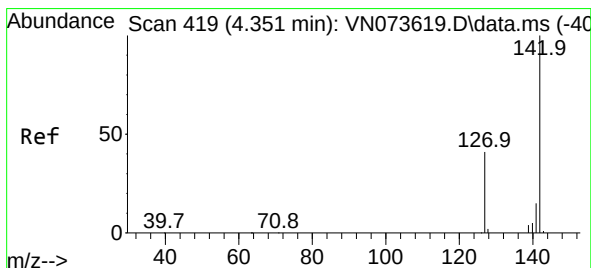
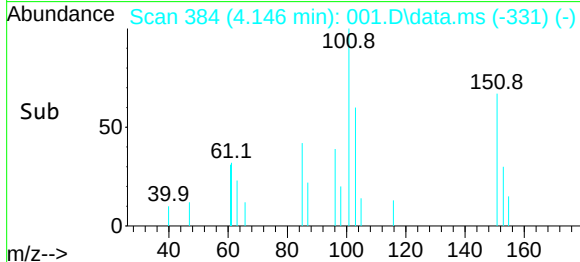
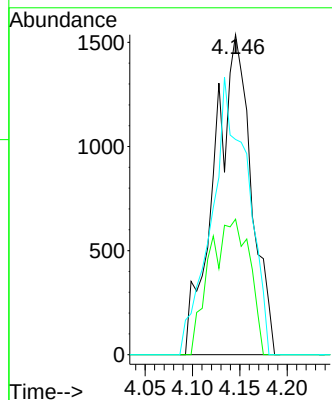
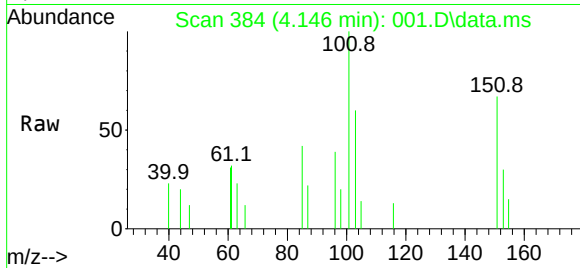




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.106 ug/l
RT: 4.146 min Scan# 382
Delta R.T. 0.012 min
Lab File: 001.D
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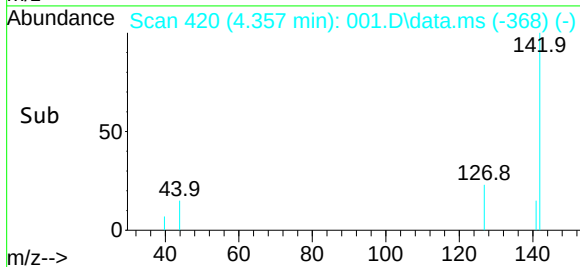
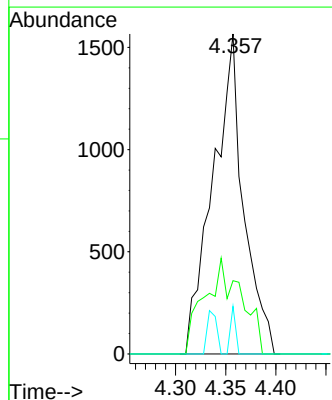
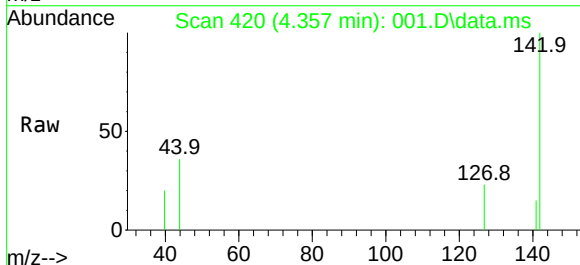
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

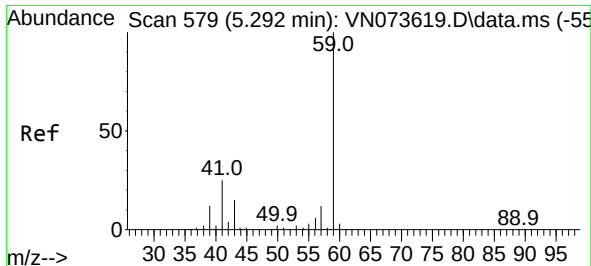
Tgt Ion:101 Resp: 4187
Ion Ratio Lower Upper
101 100
85 45.8 34.7 52.1
151 84.9 63.0 94.4



#10
Methyl Iodide
Concen: 0.889 ug/l
RT: 4.357 min Scan# 420
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion:142 Resp: 3334
Ion Ratio Lower Upper
142 100
127 35.9 31.3 46.9
141 2.5 11.2 16.8

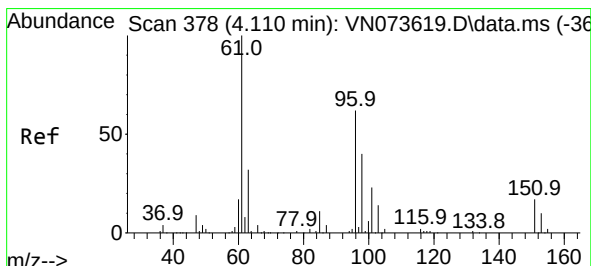
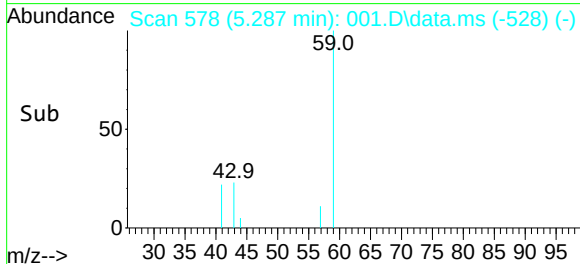
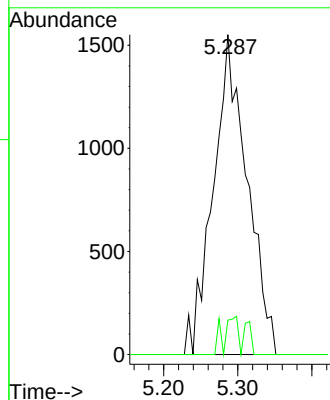
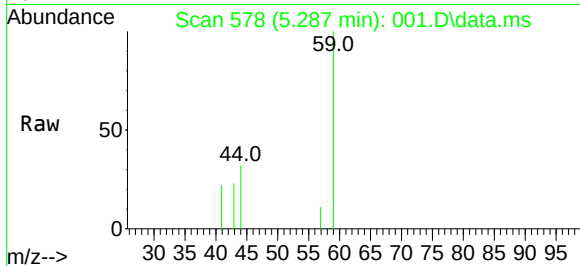




#11
Tert butyl alcohol
Concen: 4.907 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

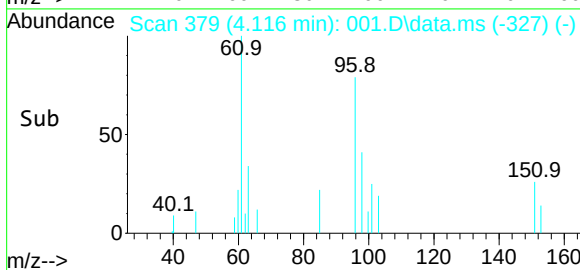
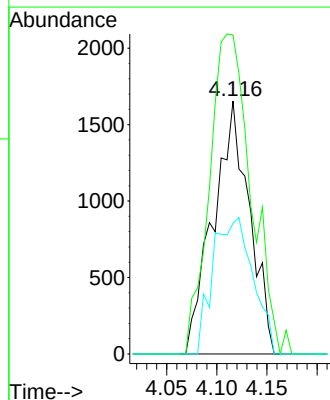
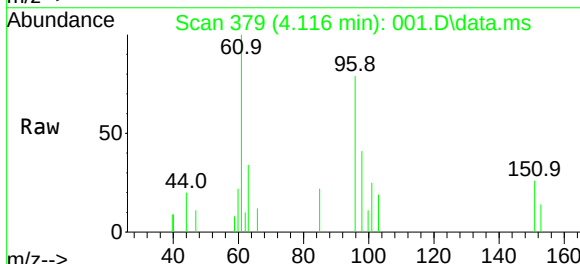
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

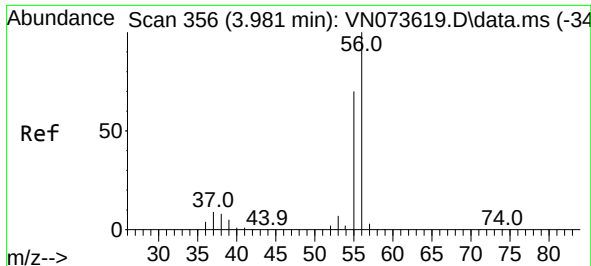
Tgt Ion: 59 Resp: 4921
Ion Ratio Lower Upper
59 100
57 5.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 1.168 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 96 Resp: 4148
Ion Ratio Lower Upper
96 100
61 126.2 127.6 191.4#
98 51.6 51.2 76.8





#13

Acrolein

Concen: 5.949 ug/l

RT: 3.987 min Scan# 356

Delta R.T. 0.006 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

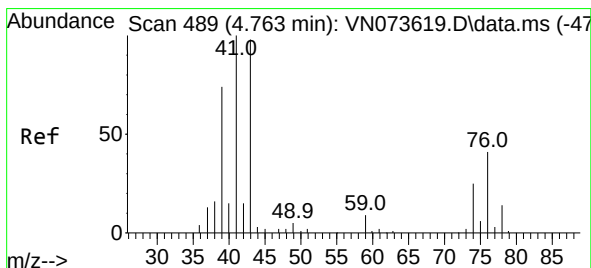
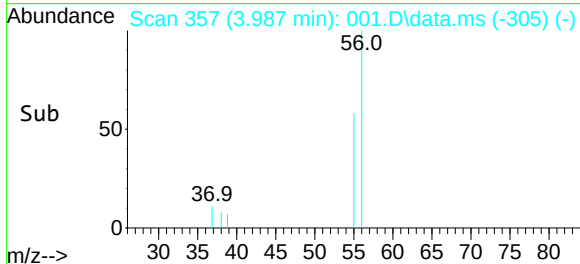
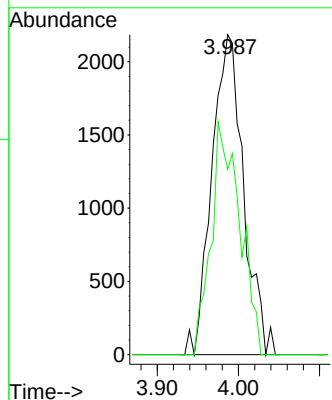
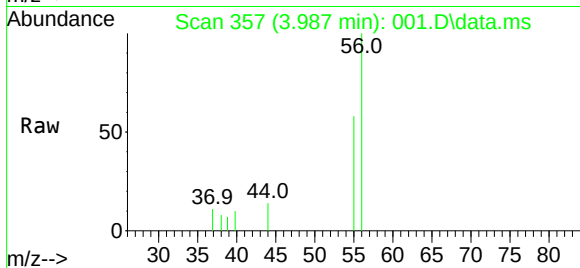
VSTDIC001

Tgt Ion: 56 Resp: 5915

Ion Ratio Lower Upper

56 100

55 66.3 54.8 82.2



#14

Allyl chloride

Concen: 1.083 ug/l

RT: 4.757 min Scan# 488

Delta R.T. -0.006 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

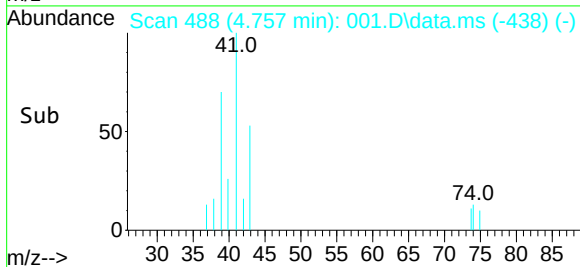
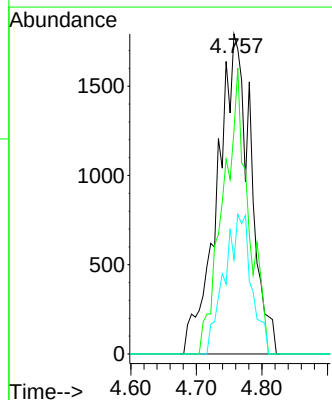
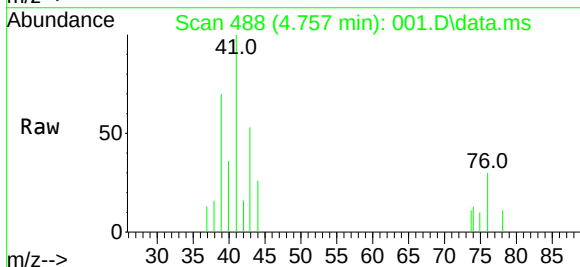
Tgt Ion: 41 Resp: 6362

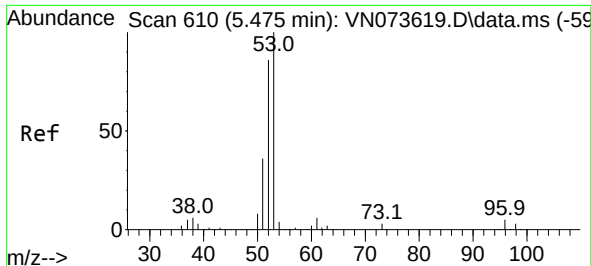
Ion Ratio Lower Upper

41 100

39 67.5 53.2 79.8

76 35.1 29.9 44.9

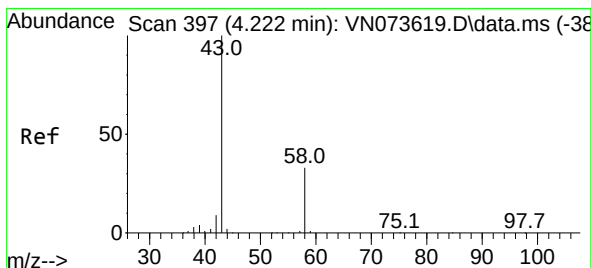
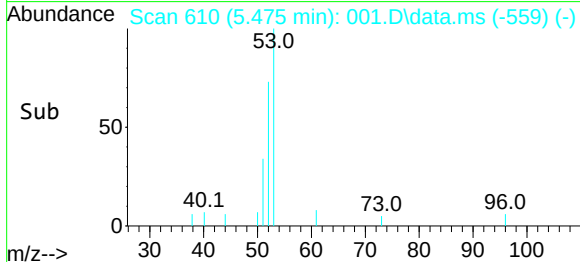
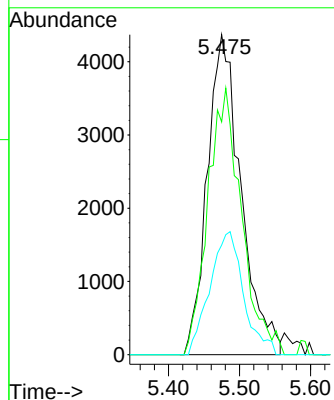
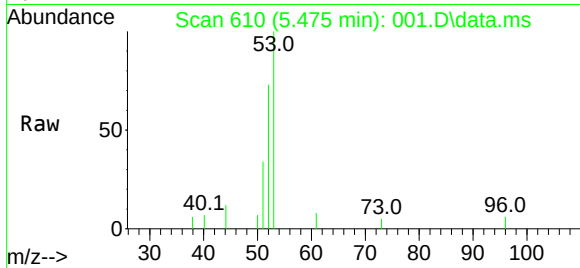




#15
Acrylonitrile
Concen: 5.240 ug/l
RT: 5.475 min Scan# 61
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

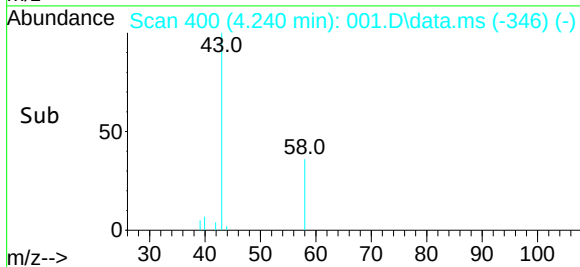
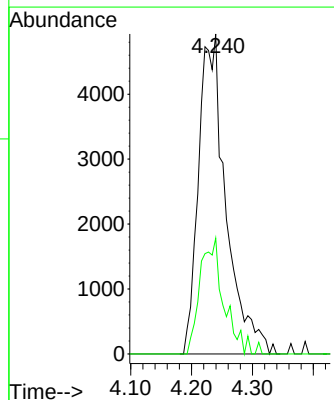
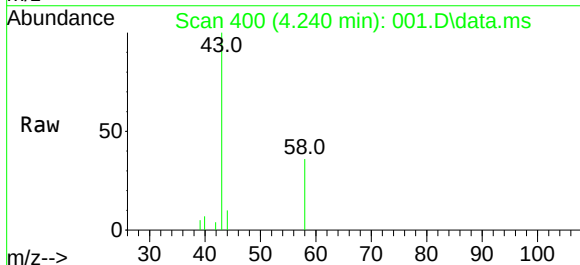
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

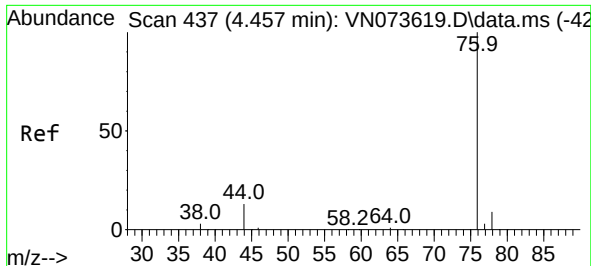
Tgt Ion:	53	Resp:	14386
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.4	99.6
51	38.5	28.5	42.7



#16
Acetone
Concen: 6.181 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion:	43	Resp:	15396
Ion	Ratio	Lower	Upper
43	100		
58	36.2	26.0	39.0

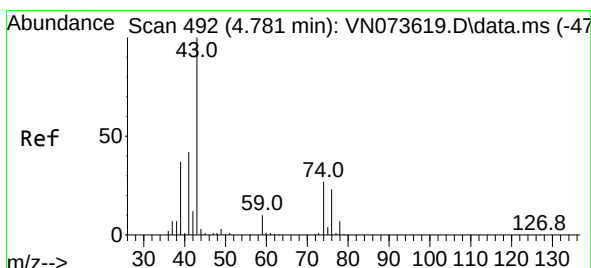
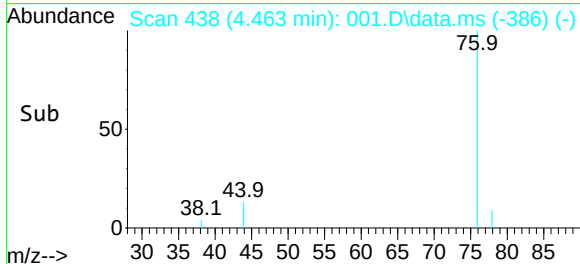
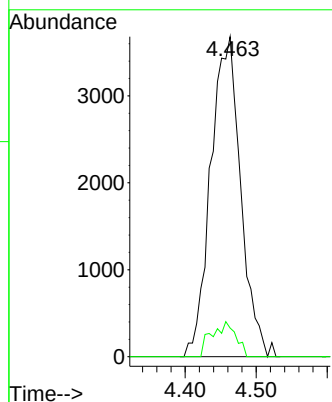
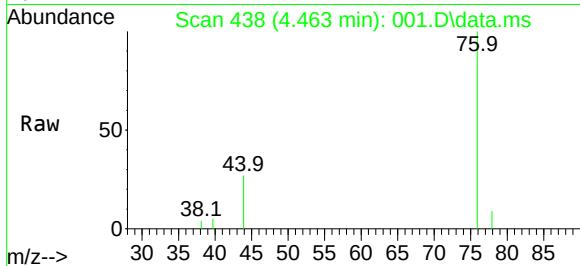




#17
Carbon Disulfide
Concen: 1.108 ug/l
RT: 4.463 min Scan# 41
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

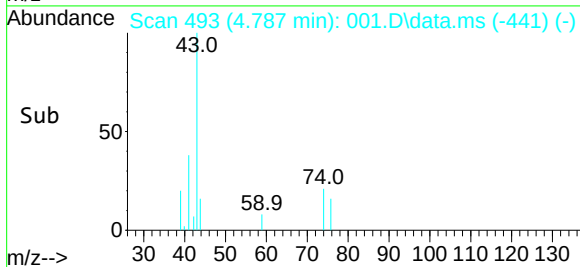
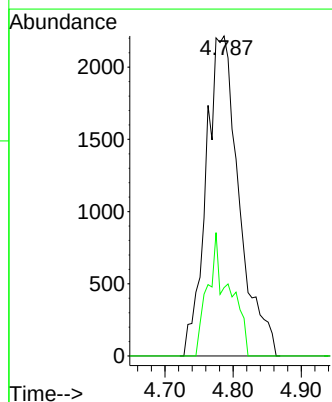
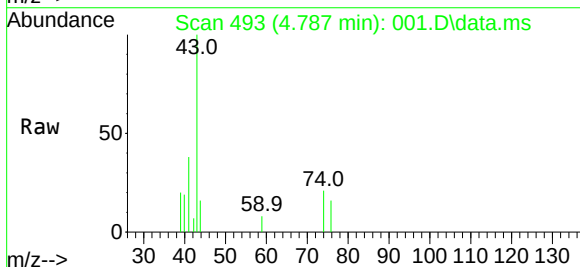
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

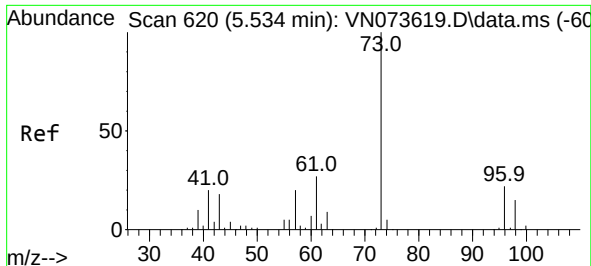
Tgt Ion: 76 Resp: 10788
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 1.204 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 43 Resp: 7455
Ion Ratio Lower Upper
43 100
74 25.2 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 1.052 ug/l

RT: 5.540 min Scan# 61

Delta R.T. 0.006 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

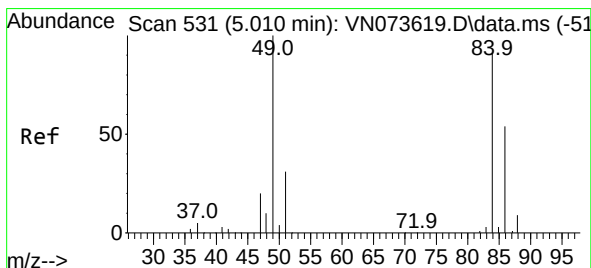
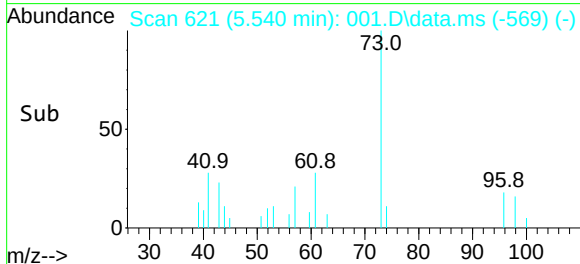
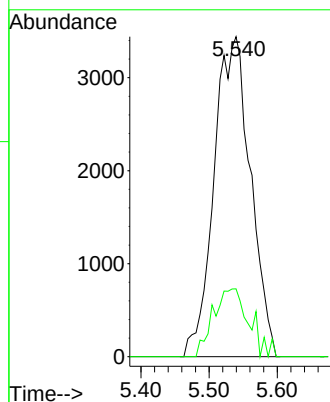
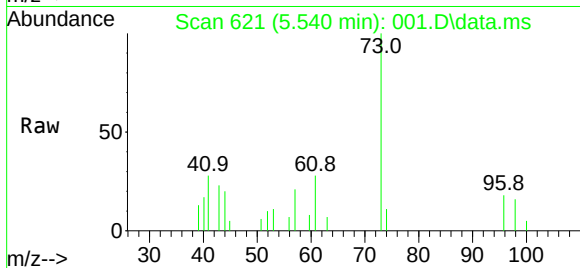
VSTDIC001

Tgt Ion: 73 Resp: 12795

Ion Ratio Lower Upper

73 100

57 21.2 17.6 26.4



#20

Methylene Chloride

Concen: 1.785 ug/l

RT: 5.016 min Scan# 532

Delta R.T. 0.006 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Tgt Ion: 84 Resp: 8845

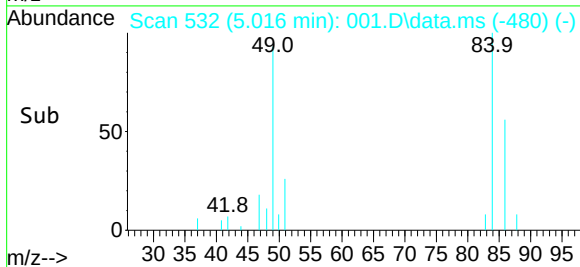
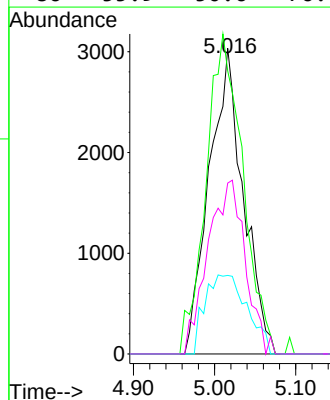
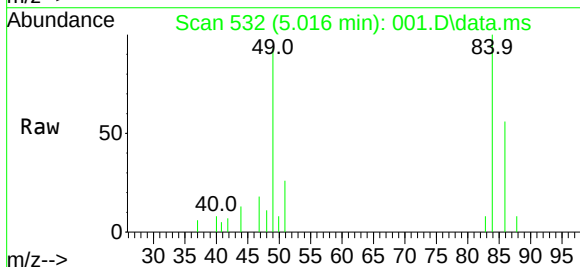
Ion Ratio Lower Upper

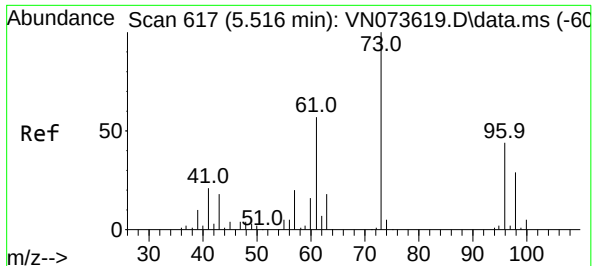
84 100

49 92.6 88.3 132.5

51 25.7 28.2 42.2#

86 55.9 50.6 76.0

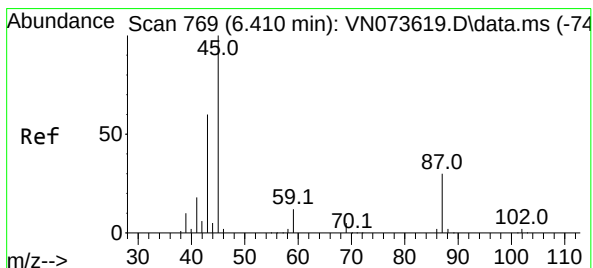
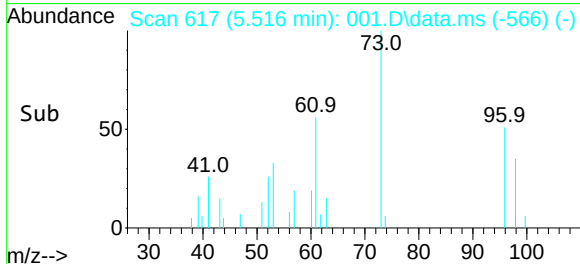
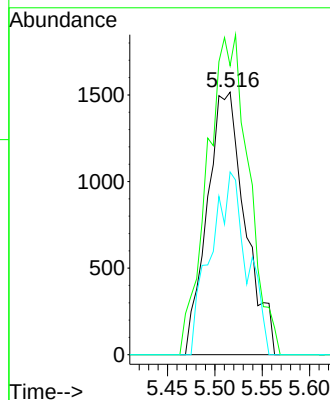
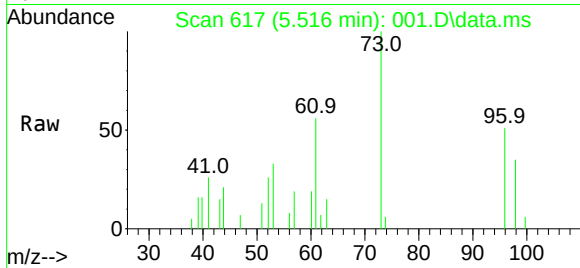




#21
trans-1,2-Dichloroethene
Concen: 1.077 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

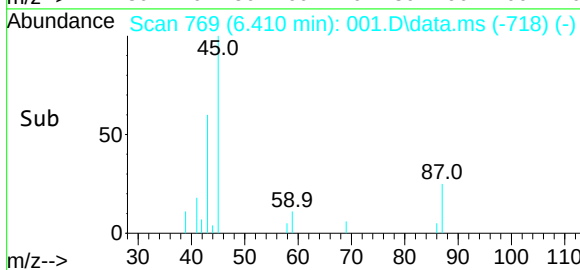
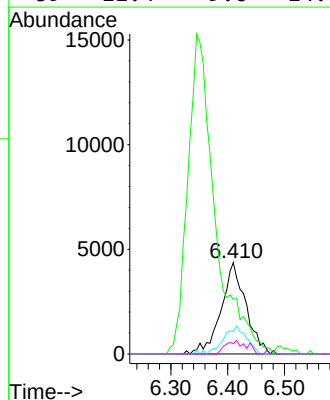
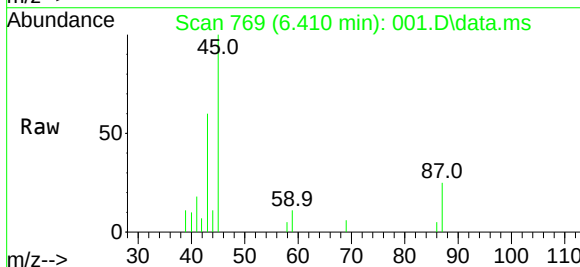
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

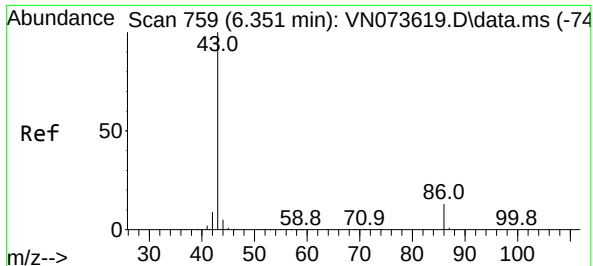
Tgt Ion: 96 Resp: 4234
Ion Ratio Lower Upper
96 100
61 110.1 105.8 158.8
98 69.6 50.3 75.5



#22
Diisopropyl ether
Concen: 1.083 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 45 Resp: 13200
Ion Ratio Lower Upper
45 100
43 44.1 46.6 70.0#
87 24.5 24.3 36.5
59 11.4 9.6 14.4

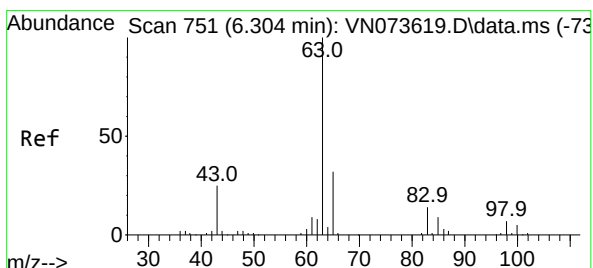
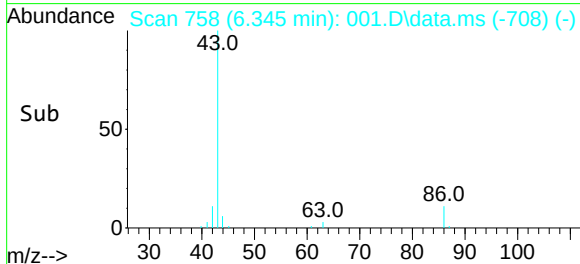
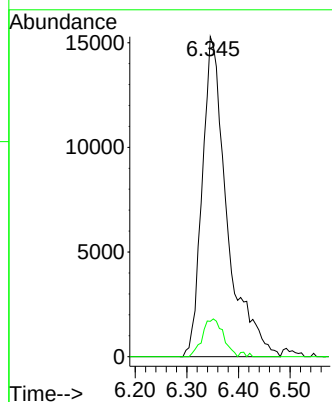
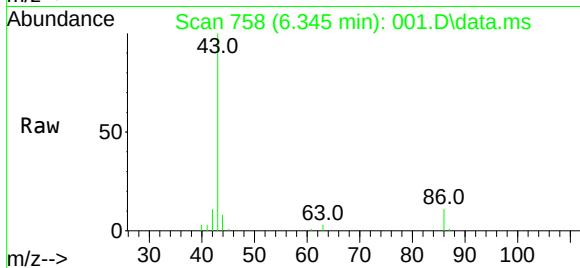




#23
 Vinyl Acetate
 Concen: 4.933 ug/l
 RT: 6.345 min Scan# 759
 Delta R.T. -0.006 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

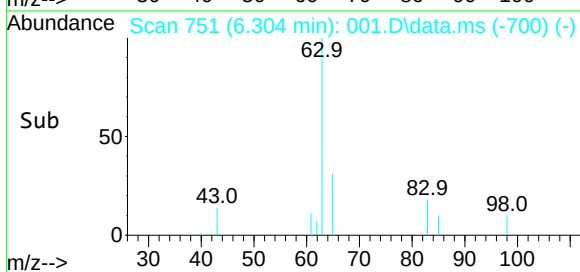
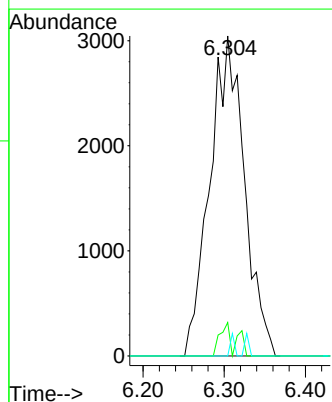
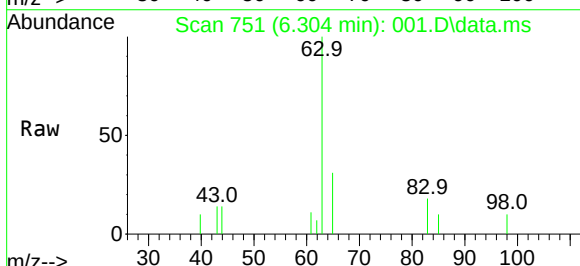
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

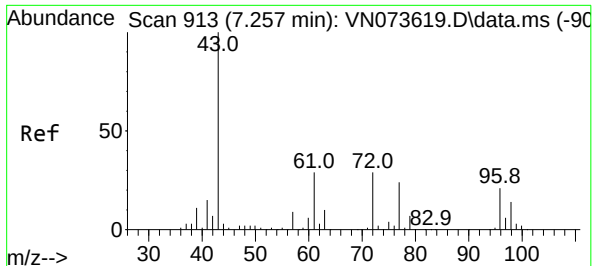
Tgt Ion: 43 Resp: 50983
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 1.197 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

Tgt Ion: 63 Resp: 9012
 Ion Ratio Lower Upper
 63 100
 98 10.5 3.5 10.4#
 100 0.0 2.3 6.8#

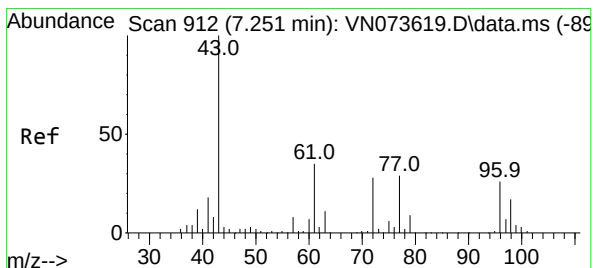
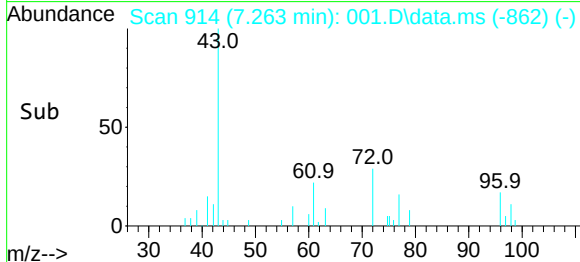
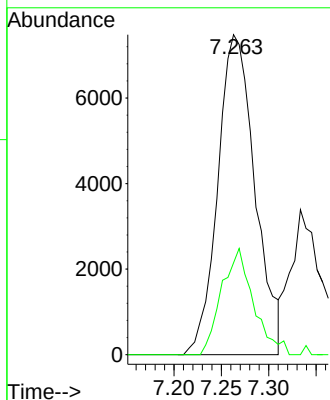
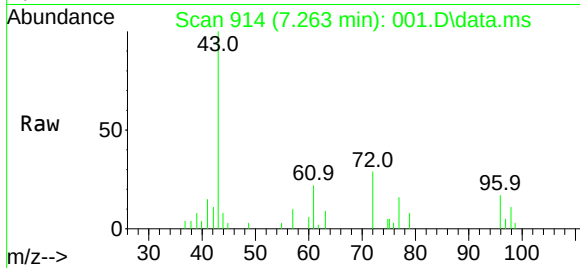




#25
2-Butanone
Concen: 5.247 ug/l
RT: 7.263 min Scan# 910
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

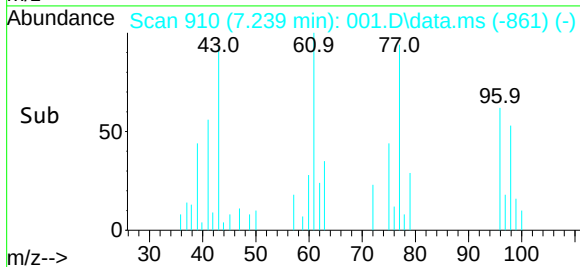
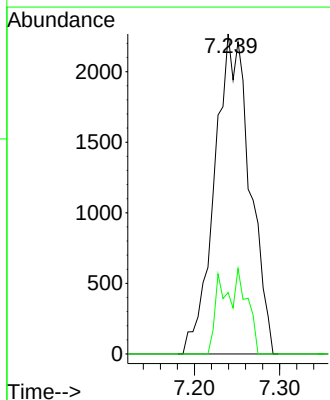
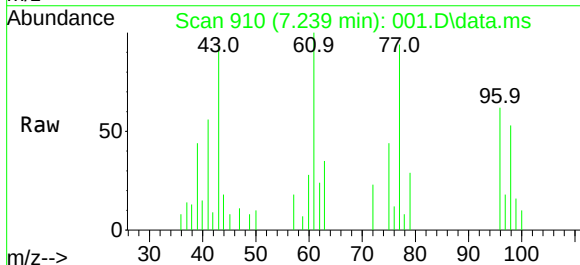
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

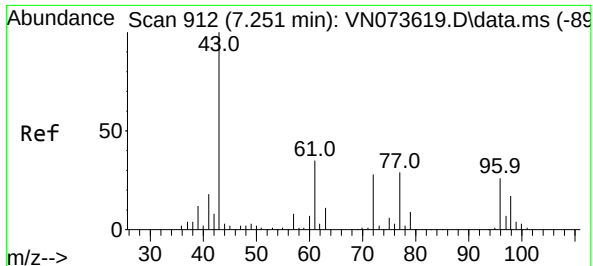
Tgt Ion: 43 Resp: 20470
Ion Ratio Lower Upper
43 100
72 29.4 23.7 35.5



#26
2,2-Dichloropropane
Concen: 1.078 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.012 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 77 Resp: 6545
Ion Ratio Lower Upper
77 100
97 10.2 11.4 34.2#





#27

cis-1,2-Dichloroethene

Concen: 1.072 ug/l

RT: 7.245 min Scan# 912

Delta R.T. -0.006 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

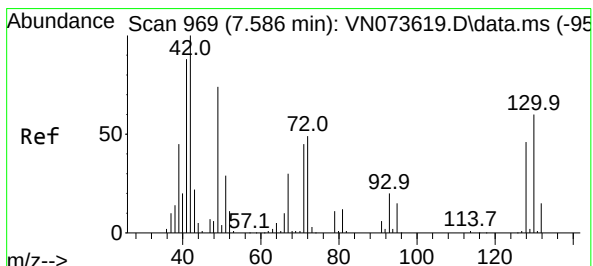
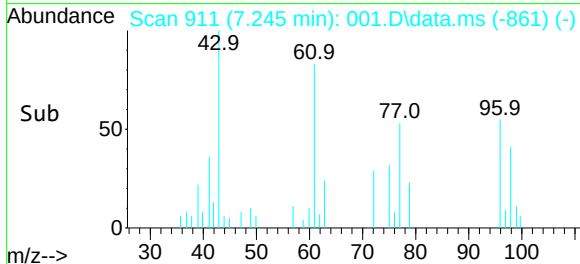
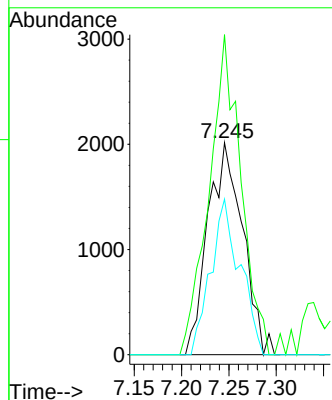
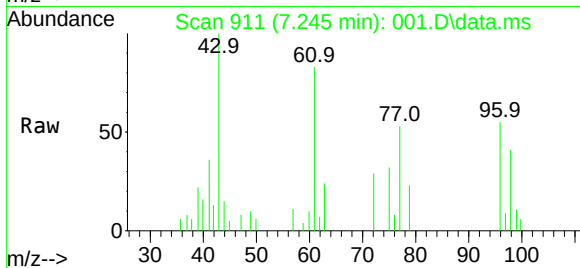
Tgt Ion: 96 Resp: 5152

Ion Ratio Lower Upper

96 100

61 138.5 0.0 280.6

98 61.9 0.0 128.4



#28

Bromochloromethane

Concen: 1.194 ug/l

RT: 7.586 min Scan# 969

Delta R.T. 0.000 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

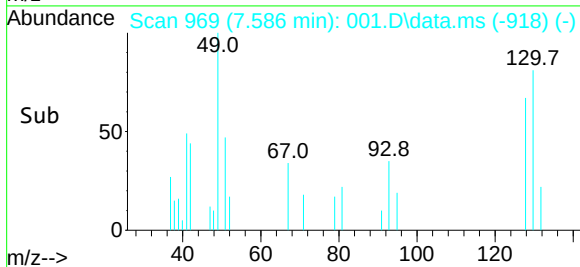
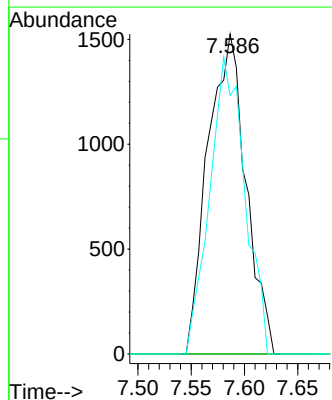
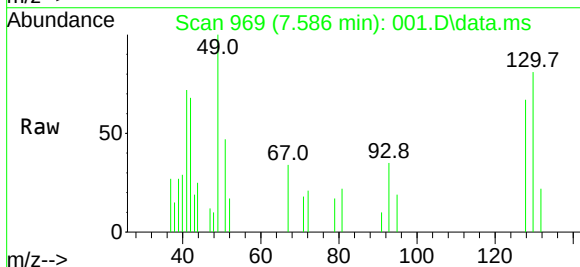
Tgt Ion: 49 Resp: 3790

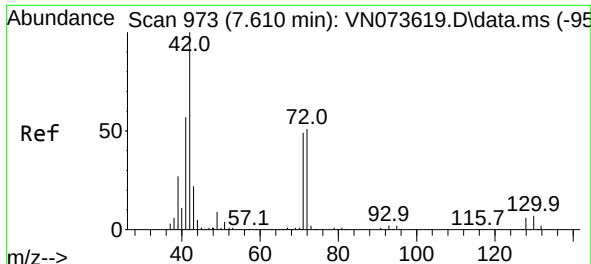
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 85.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 5.014 ug/l

RT: 7.616 min Scan# 91

Delta R.T. 0.006 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

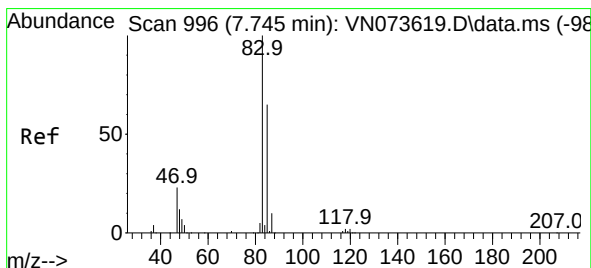
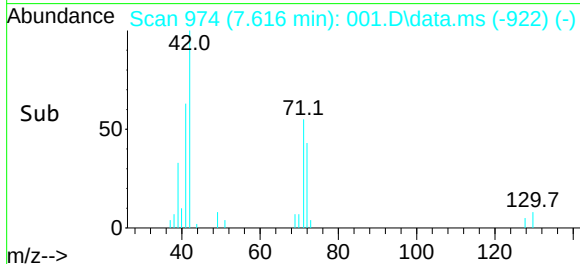
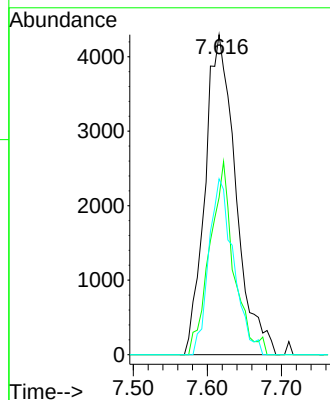
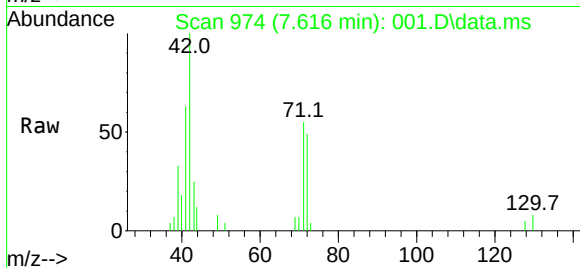
Tgt Ion: 42 Resp: 12363

Ion Ratio Lower Upper

42 100

72 47.5 39.7 59.5

71 44.4 36.6 55.0



#30

Chloroform

Concen: 1.143 ug/l

RT: 7.751 min Scan# 997

Delta R.T. 0.006 min

Lab File: 001.D

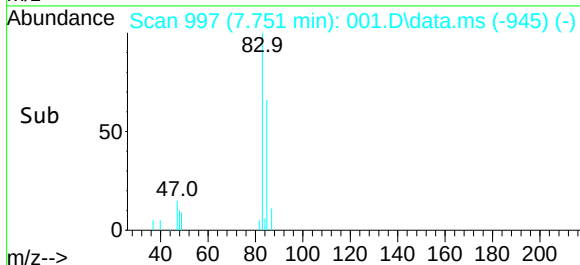
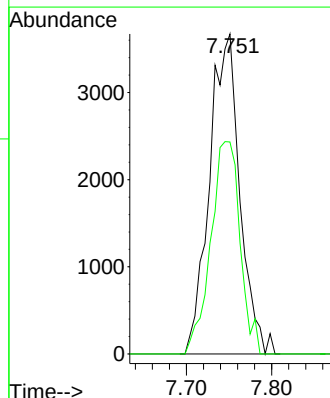
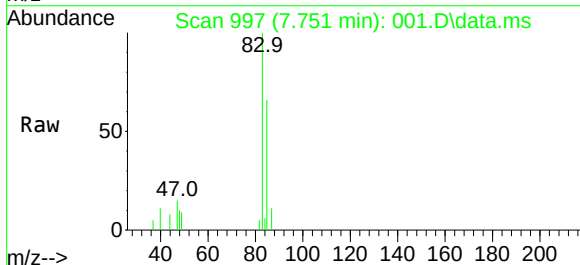
Acq: 28 Jul 2022 10:31

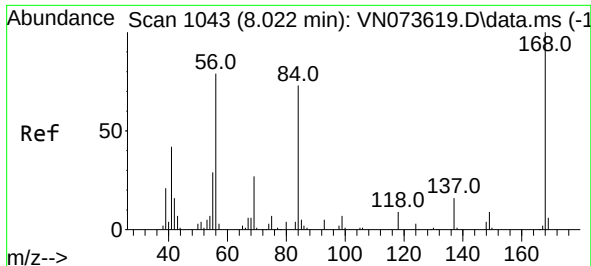
Tgt Ion: 83 Resp: 9110

Ion Ratio Lower Upper

83 100

85 66.2 51.8 77.8

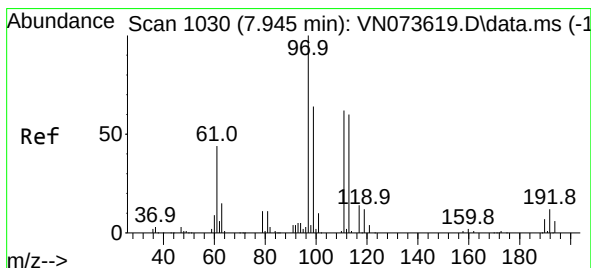
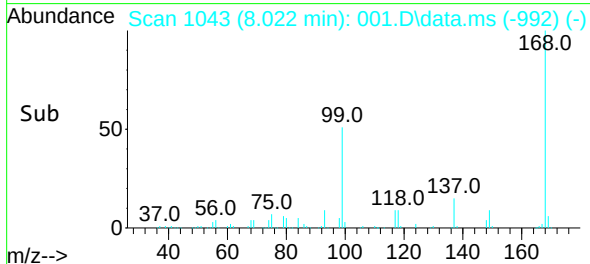
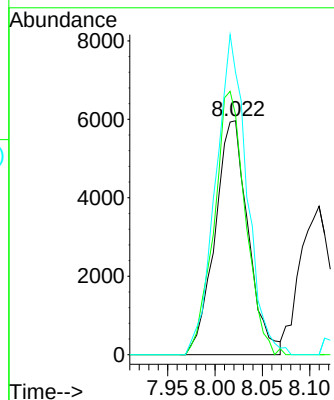
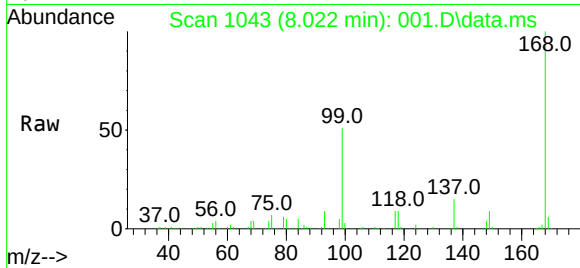




#31
Cyclohexane
Concen: 2.100 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

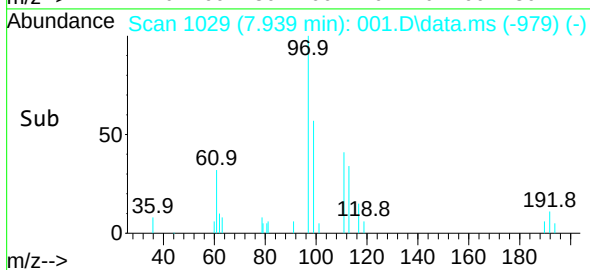
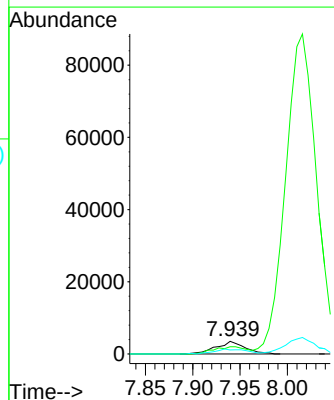
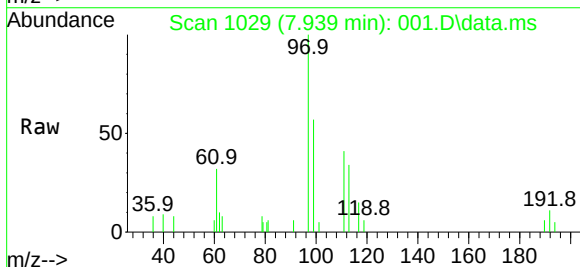
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

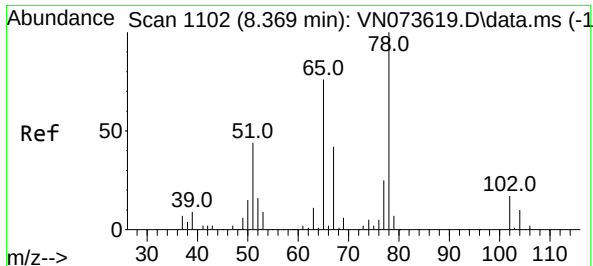
Tgt Ion: 56 Resp: 14539
Ion Ratio Lower Upper
56 100
69 102.5 27.8 41.8#
84 120.7 76.9 115.3#



#32
1,1,1-Trichloroethane
Concen: 1.112 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 97 Resp: 7359
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 42.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 1.202 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

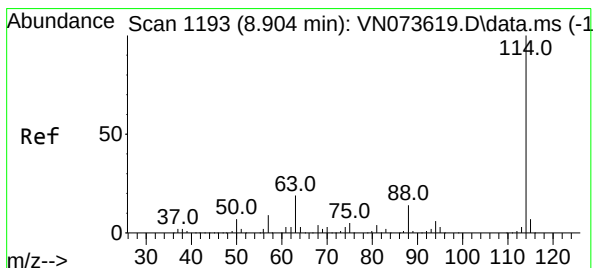
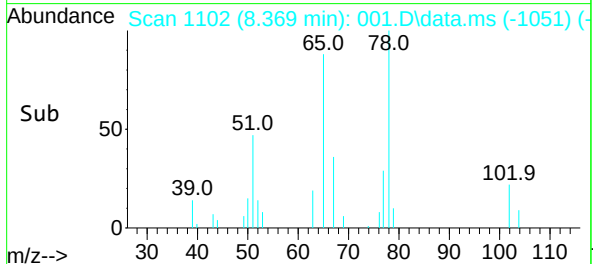
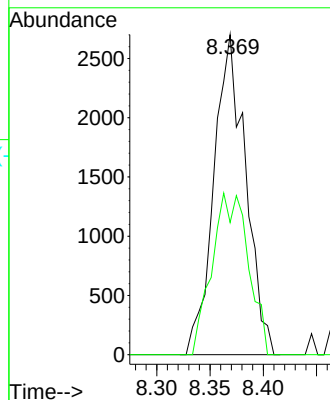
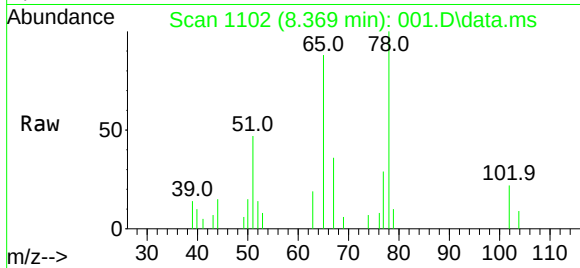
VSTDIC001

Tgt Ion: 65 Resp: 5592

Ion Ratio Lower Upper

65 100

67 57.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

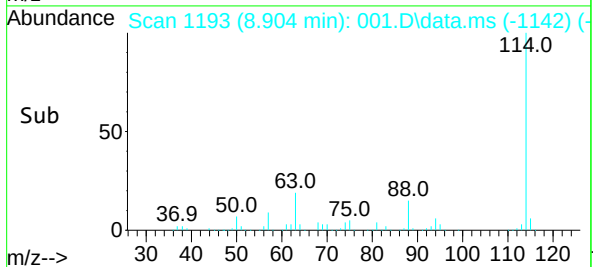
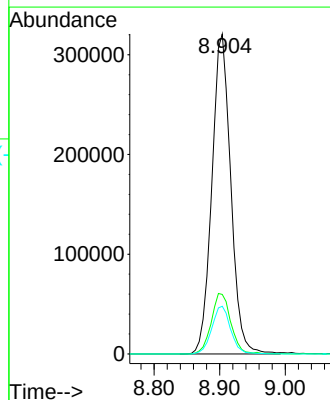
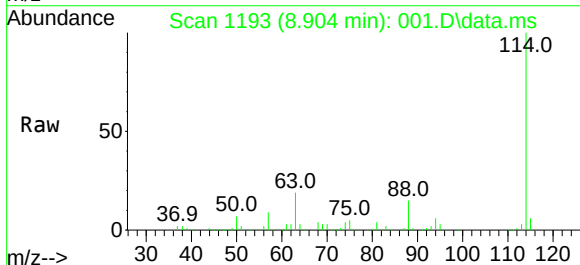
Tgt Ion: 114 Resp: 642157

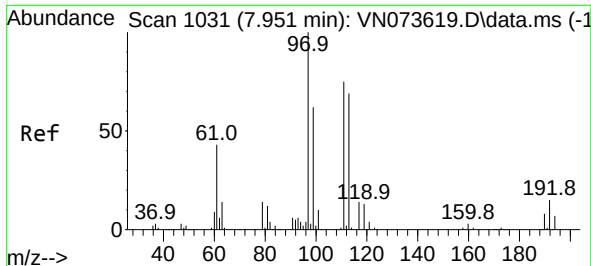
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

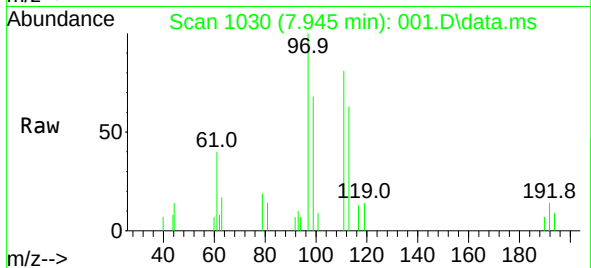
88 14.9 0.0 32.6



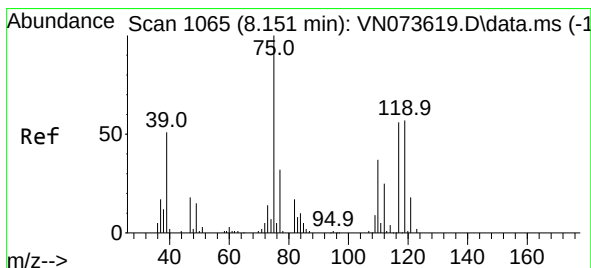
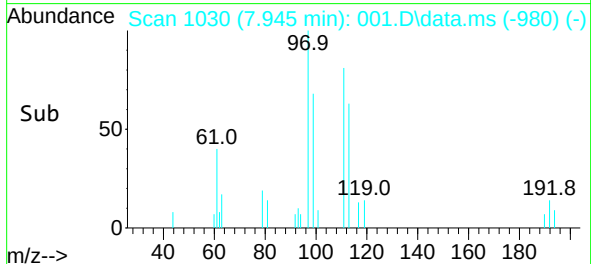
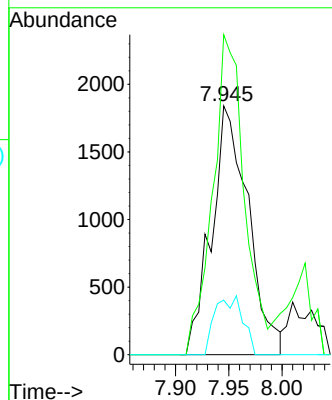


#35
 Dibromofluoromethane
 Concen: 1.093 ug/l
 RT: 7.945 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

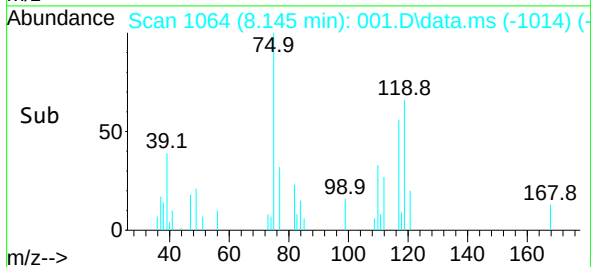
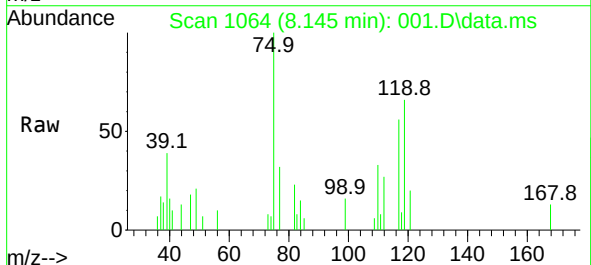
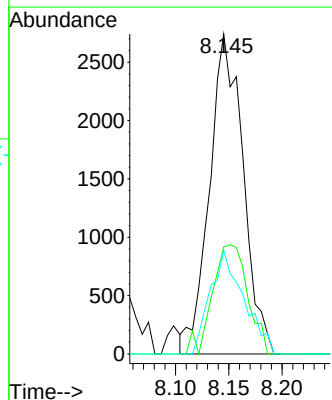


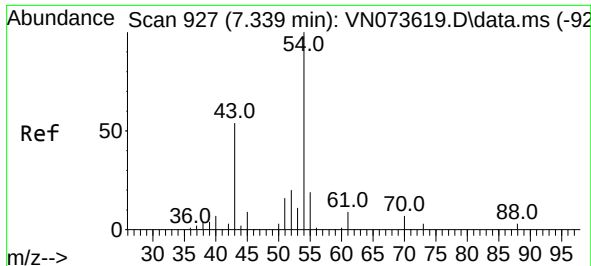
Tgt Ion:113 Resp: 4406
 Ion Ratio Lower Upper
 113 100
 111 110.8 81.4 122.0
 192 17.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 1.044 ug/l
 RT: 8.145 min Scan# 1064
 Delta R.T. -0.006 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

Tgt Ion: 75 Resp: 6002
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.3 54.8
 77 32.4 25.1 37.7

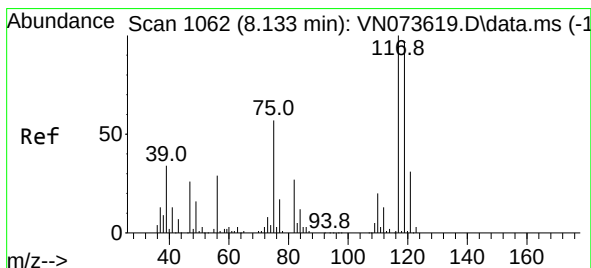
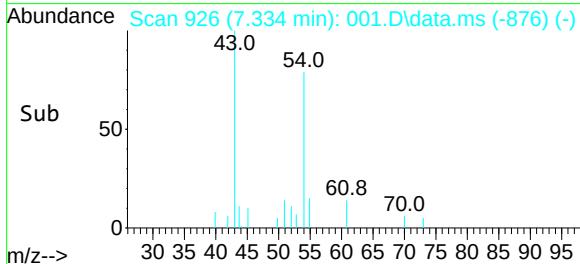
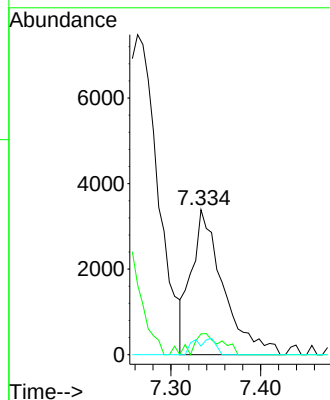
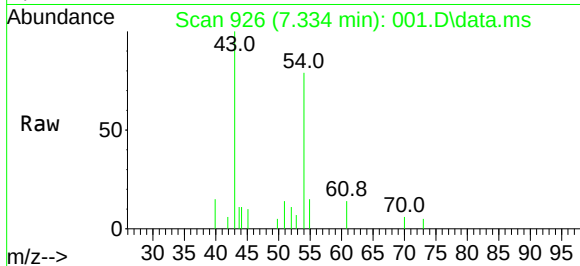




#37
Ethyl Acetate
Concen: 1.156 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

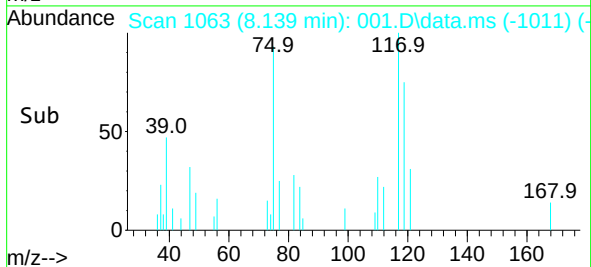
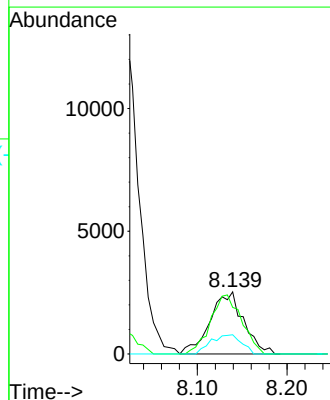
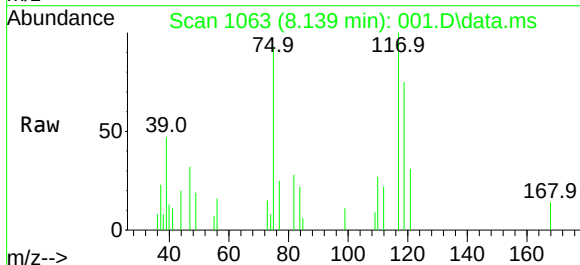
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

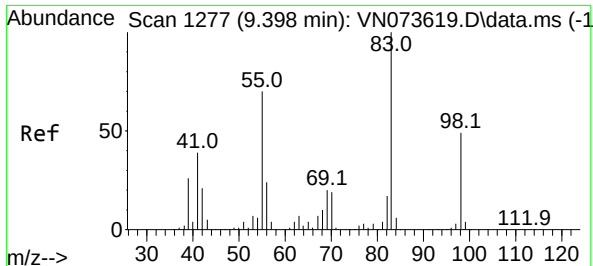
Tgt Ion: 43 Resp: 8383
Ion Ratio Lower Upper
43 100
61 12.3 11.8 17.6
70 3.5 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 1.138 ug/l
RT: 8.139 min Scan# 1063
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 117 Resp: 6555
Ion Ratio Lower Upper
117 100
119 75.0 75.8 113.8#
121 31.0 24.6 37.0





#39

Methylcyclohexane

Concen: 1.013 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.006 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

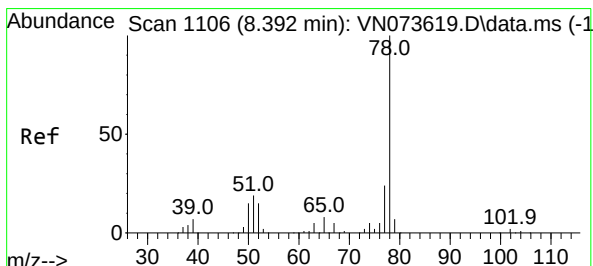
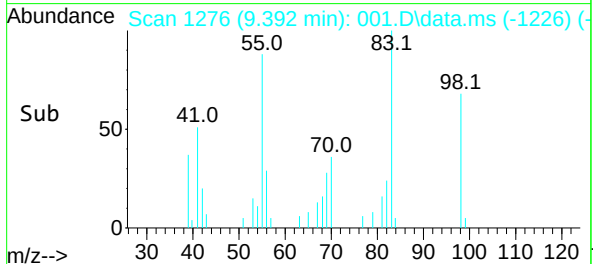
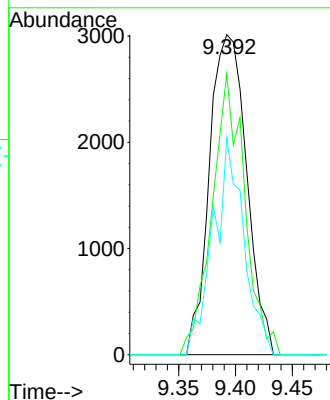
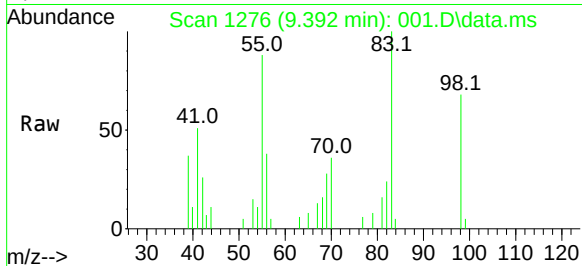
Tgt Ion: 83 Resp: 6855

Ion Ratio Lower Upper

83 100

55 87.8 57.8 86.8#

98 67.6 39.4 59.2#



#40

Benzene

Concen: 1.070 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: 001.D

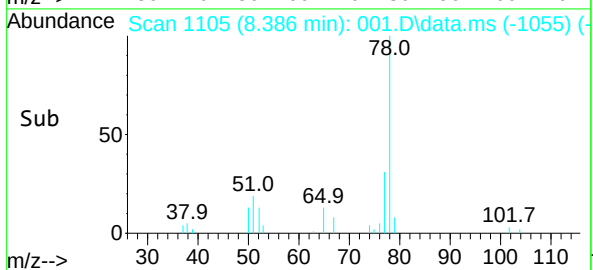
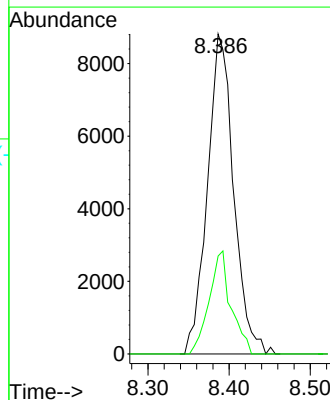
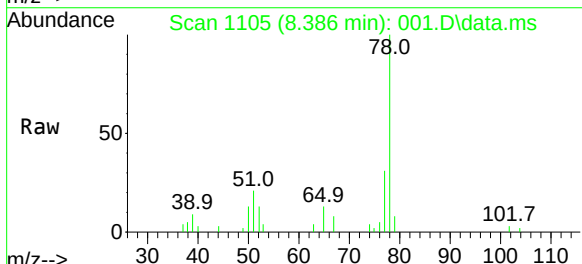
Acq: 28 Jul 2022 10:31

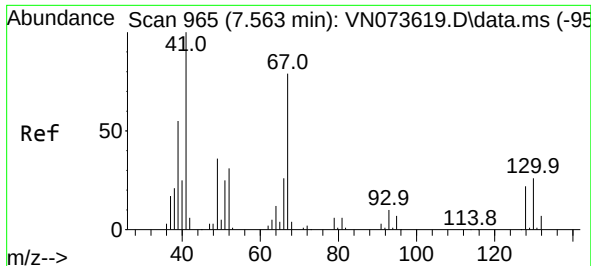
Tgt Ion: 78 Resp: 19804

Ion Ratio Lower Upper

78 100

77 30.6 19.4 29.0#



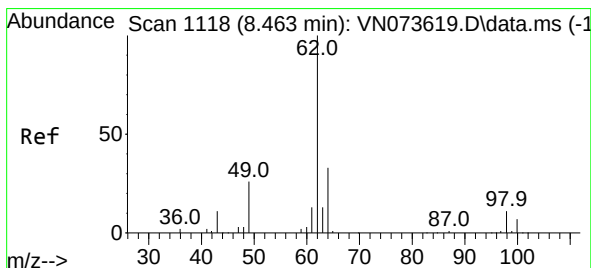
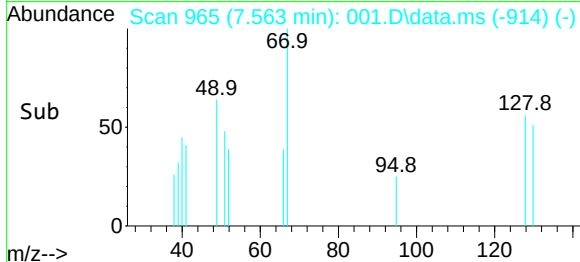
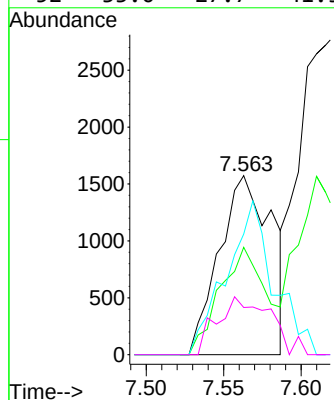
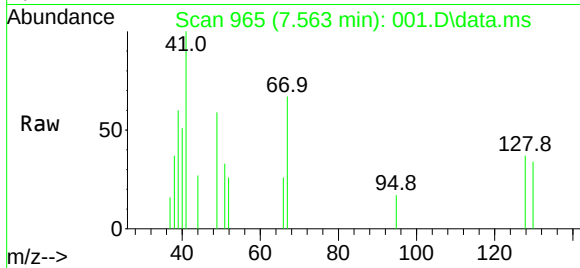


#41
Methacrylonitrile
Concen: 1.089 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 3709

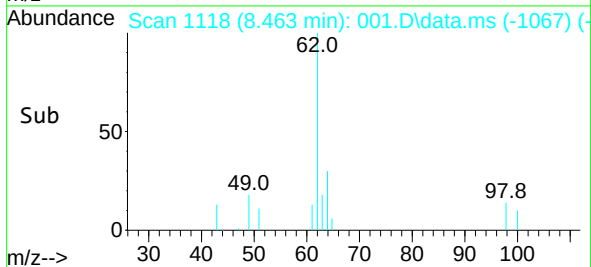
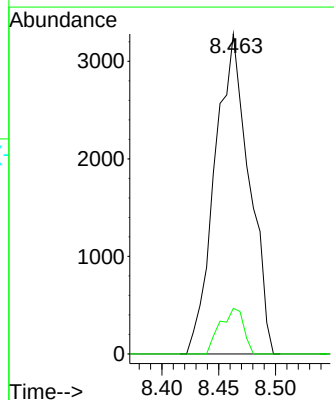
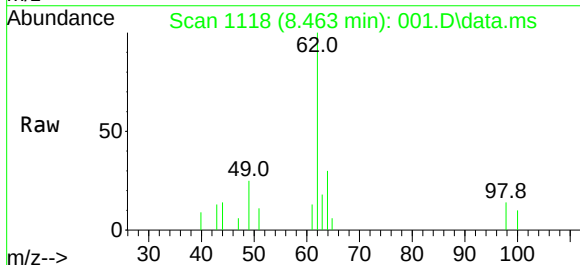
Ion	Ratio	Lower	Upper
41	100		
39	53.0	48.6	73.0
67	77.6	73.4	110.2
52	33.0	27.7	41.5

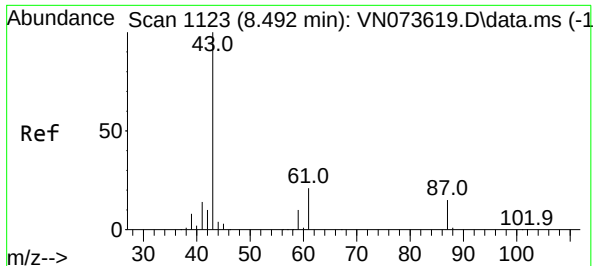


#42
1,2-Dichloroethane
Concen: 1.091 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 62 Resp: 6902

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 1.009 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. -0.000 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

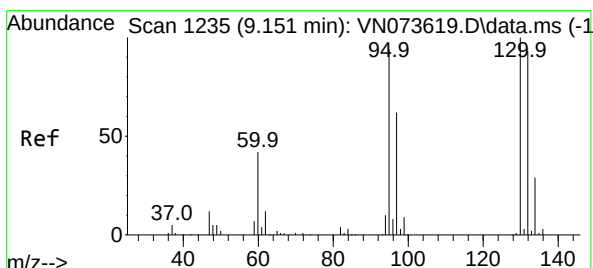
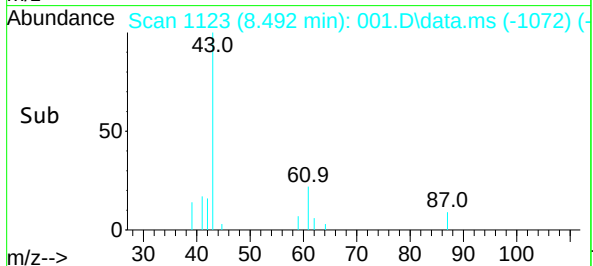
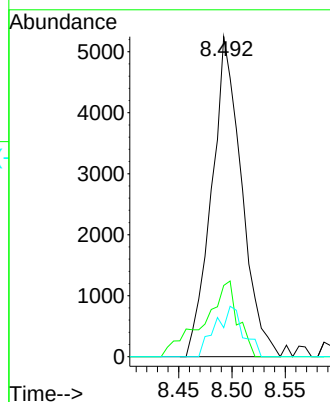
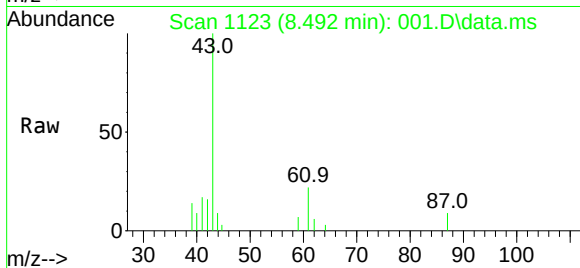
Tgt Ion: 43 Resp: 10250

Ion Ratio Lower Upper

43 100

61 27.2 21.9 32.9

87 14.7 12.0 18.0



#44

Trichloroethene

Concen: 1.106 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: 001.D

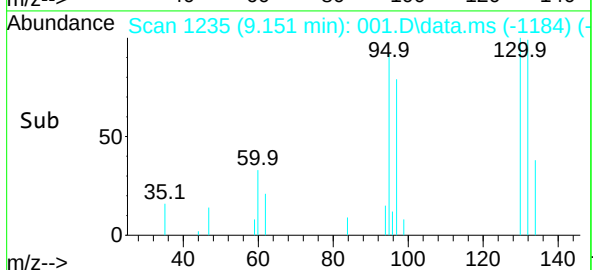
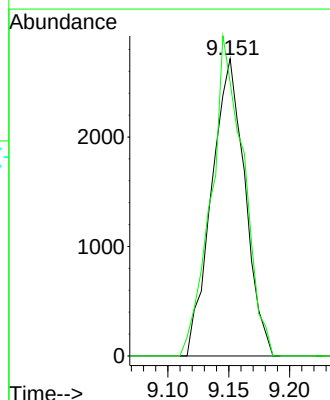
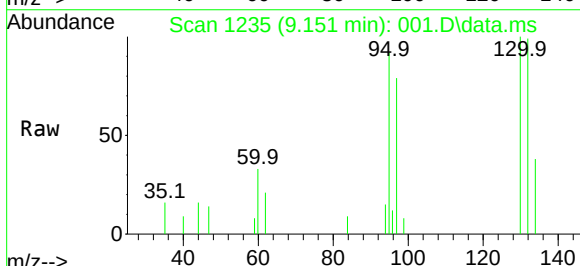
Acq: 28 Jul 2022 10:31

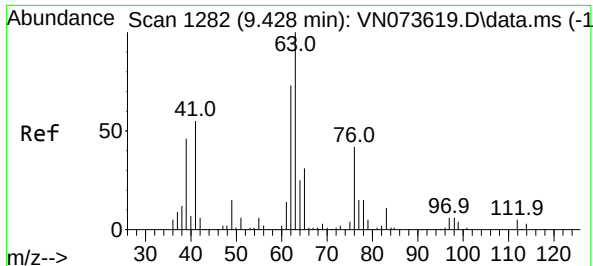
Tgt Ion: 130 Resp: 5161

Ion Ratio Lower Upper

130 100

95 92.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 1.153 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

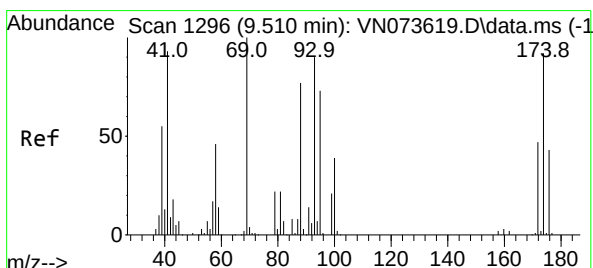
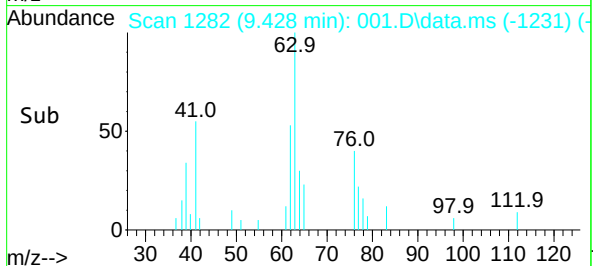
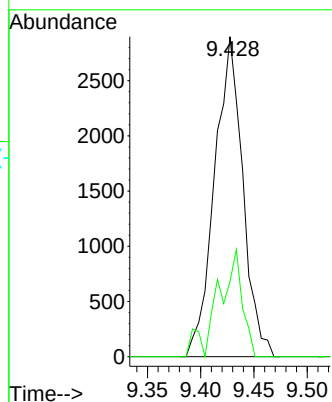
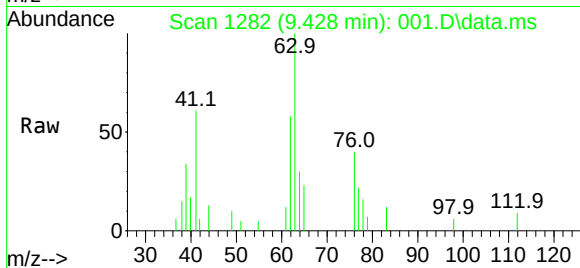
VSTDICC001

Tgt Ion: 63 Resp: 5340

Ion Ratio Lower Upper

63 100

65 23.5 24.9 37.3#



#46

Dibromomethane

Concen: 1.043 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

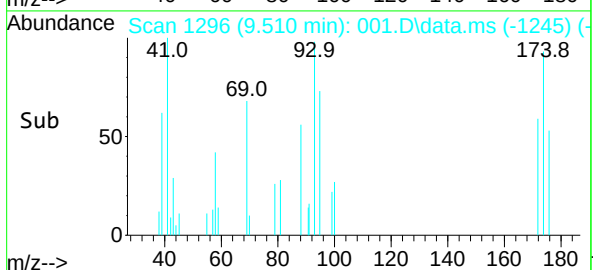
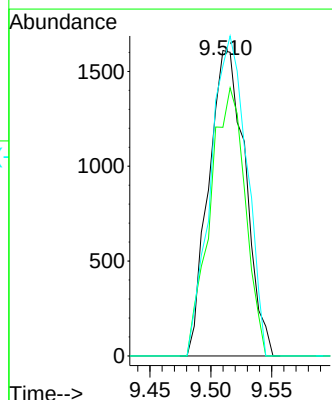
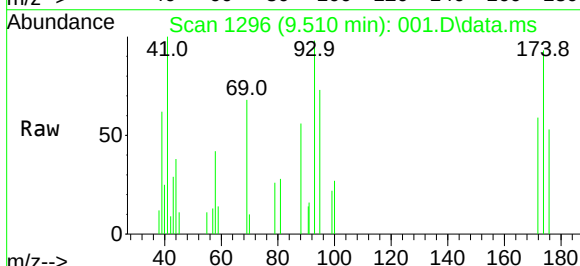
Tgt Ion: 93 Resp: 3367

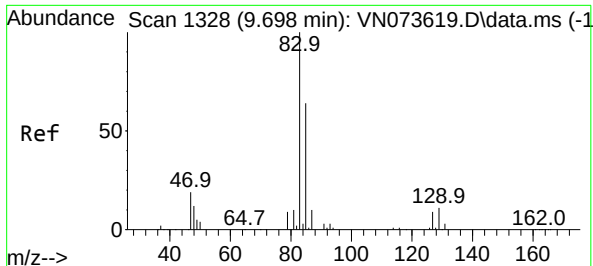
Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

174 103.0 86.6 130.0





#47

Bromodichloromethane

Concen: 1.139 ug/l

RT: 9.704 min Scan# 1

Delta R.T. 0.006 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

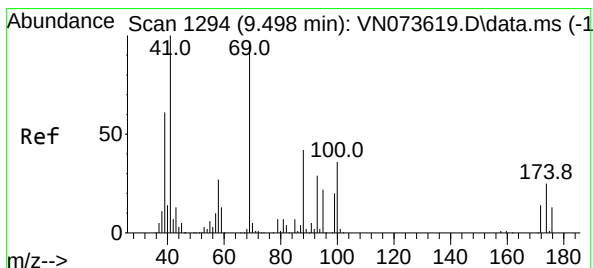
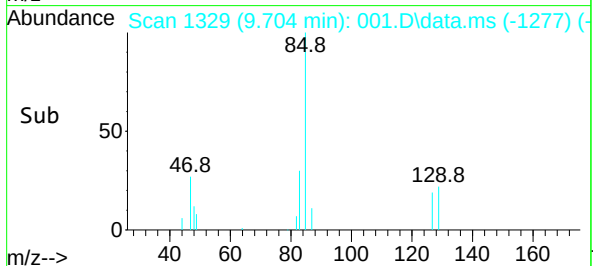
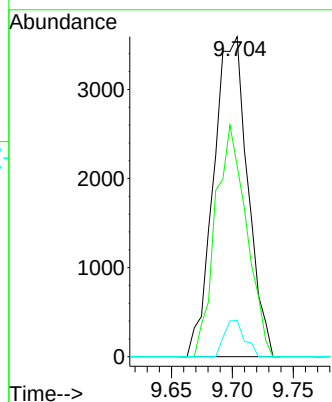
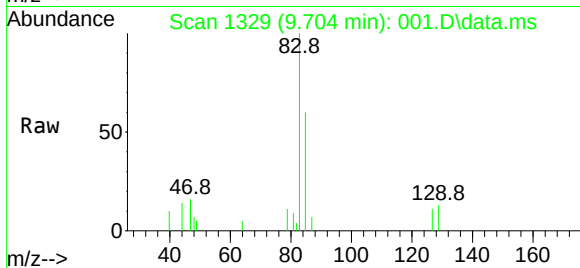
Tgt Ion: 83 Resp: 7002

Ion Ratio Lower Upper

83 100

85 59.7 50.5 75.7

127 11.3 6.8 10.2#



#48

Methyl methacrylate

Concen: 1.024 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. -0.000 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

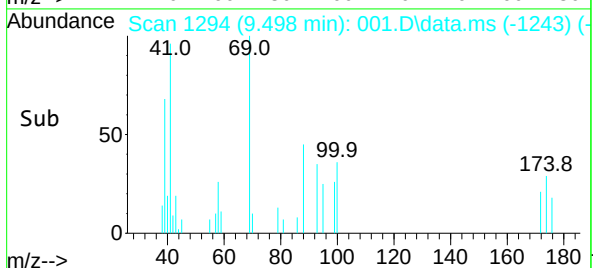
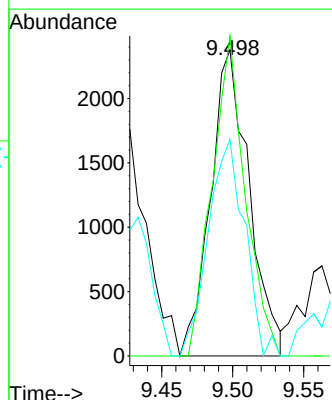
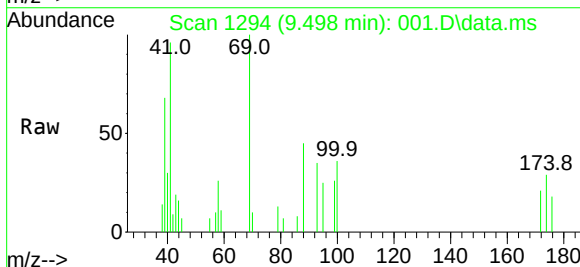
Tgt Ion: 41 Resp: 4493

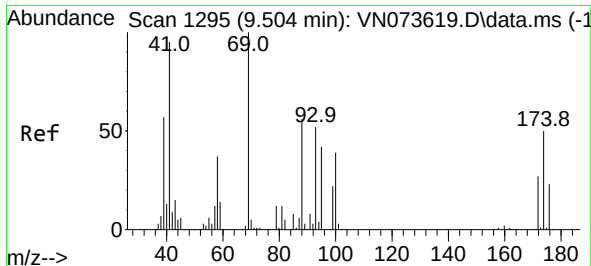
Ion Ratio Lower Upper

41 100

69 89.9 74.7 112.1

39 66.7 45.6 68.4





#49

1,4-Dioxane

Concen: 21.464 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

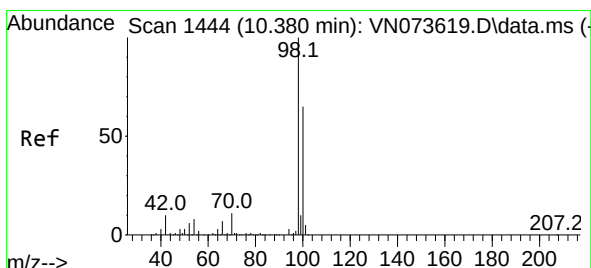
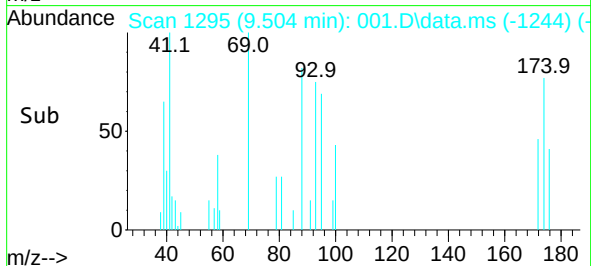
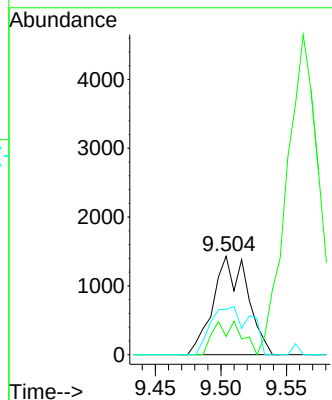
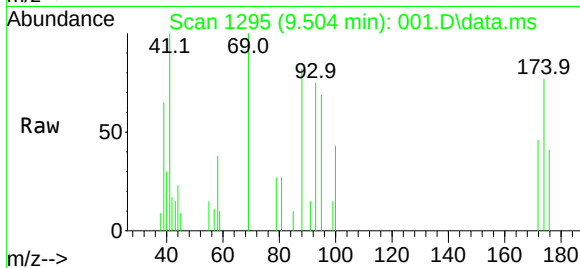
Tgt Ion: 88 Resp: 2600

Ion Ratio Lower Upper

88 100

43 27.2 20.2 30.4

58 56.4 54.2 81.4



#50

Toluene-d8

Concen: 0.990 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: 001.D

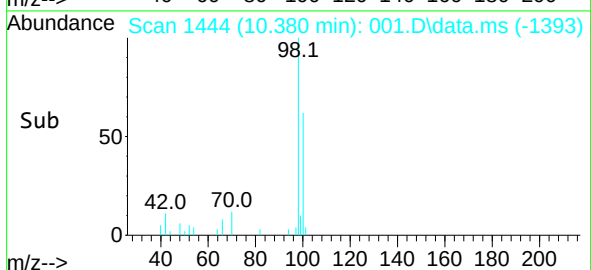
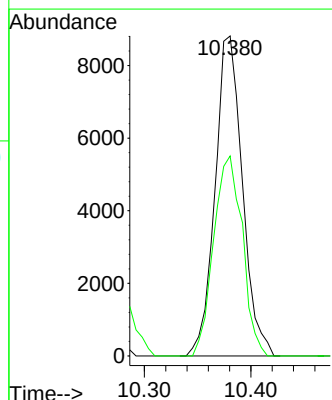
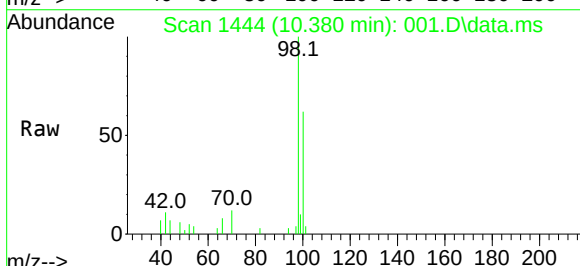
Acq: 28 Jul 2022 10:31

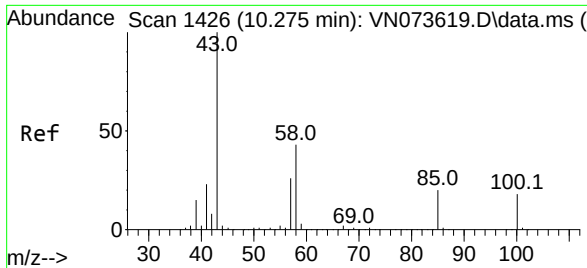
Tgt Ion: 98 Resp: 15712

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8

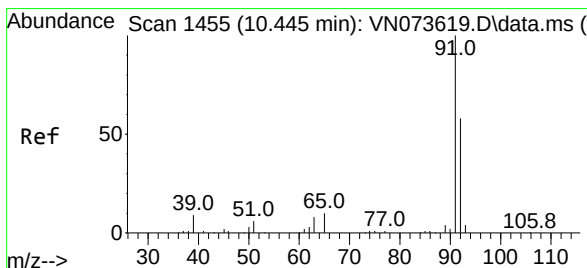
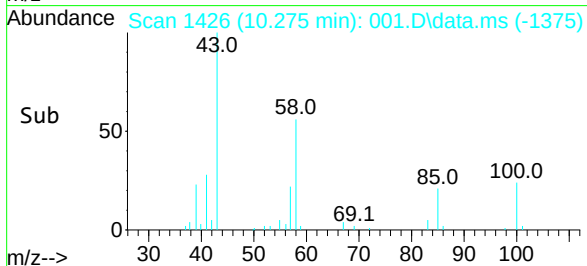
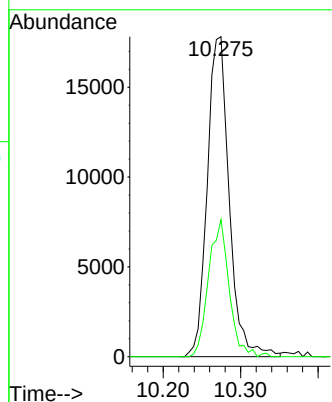
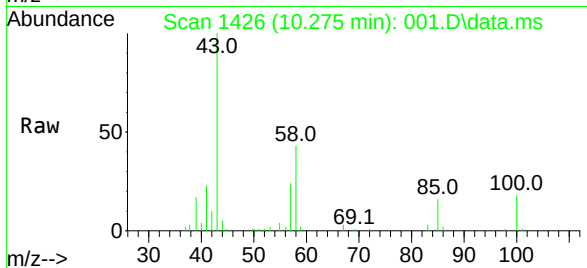




#51
4-Methyl-2-Pentanone
Concen: 4.859 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

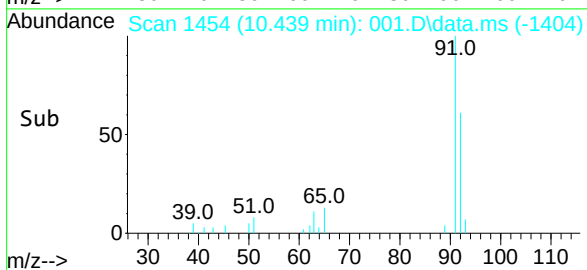
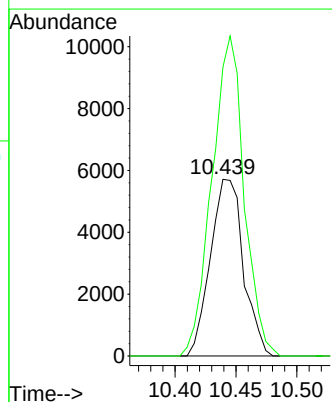
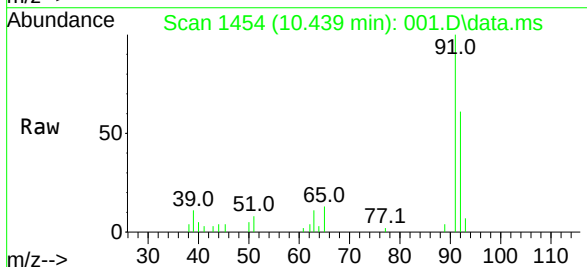
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

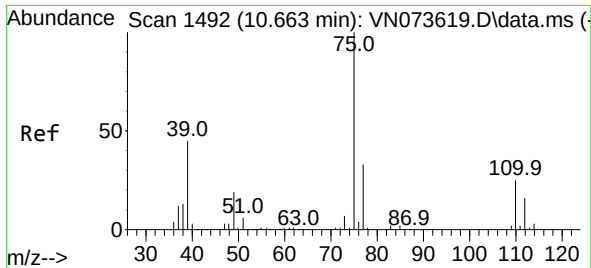
Tgt Ion: 43 Resp: 35024
Ion Ratio Lower Upper
43 100
58 40.1 34.1 51.1



#52
Toluene
Concen: 0.955 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 92 Resp: 10745
Ion Ratio Lower Upper
92 100
91 177.1 138.6 207.8

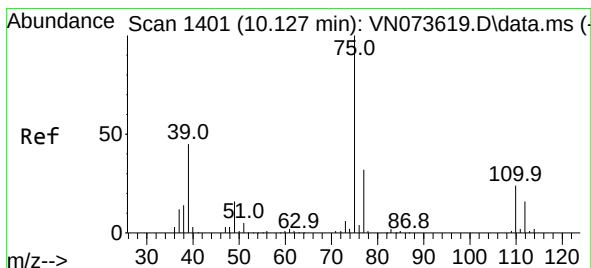
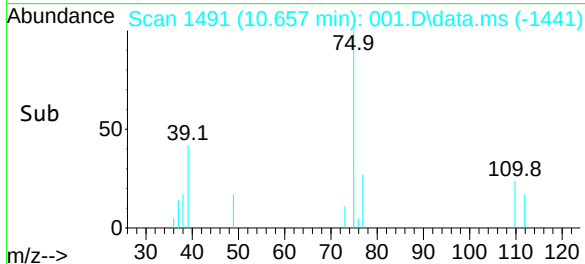
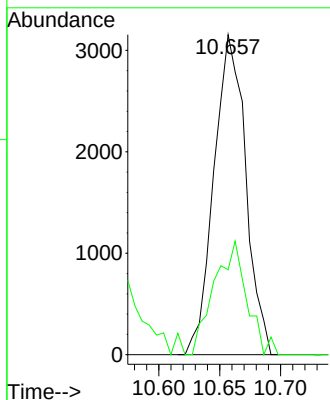
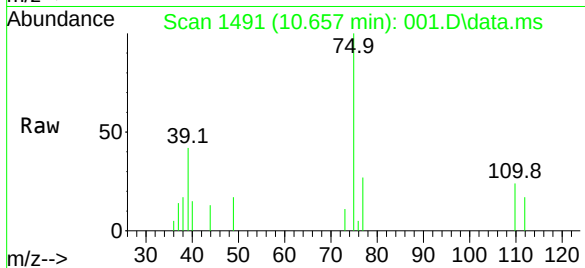




#53
 t-1,3-Dichloropropene
 Concen: 0.937 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

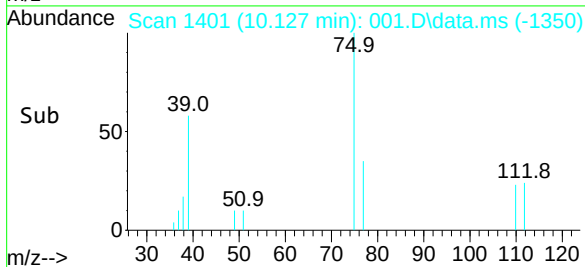
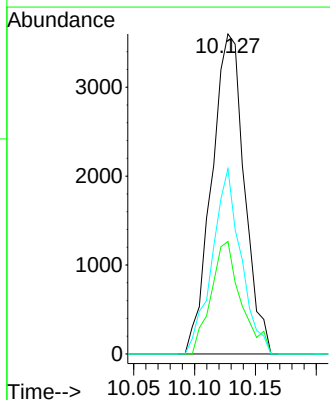
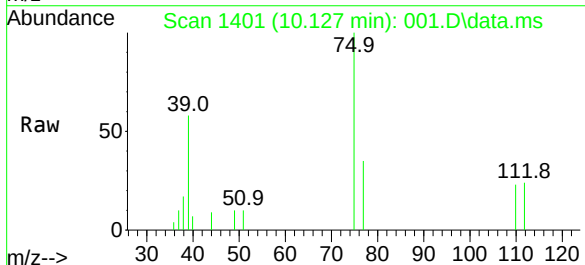
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

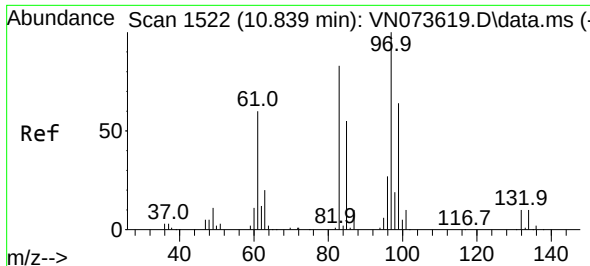
Tgt Ion: 75 Resp: 5724
 Ion Ratio Lower Upper
 75 100
 77 26.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 0.982 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

Tgt Ion: 75 Resp: 6728
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.2 37.8
 39 57.9 35.7 53.5#

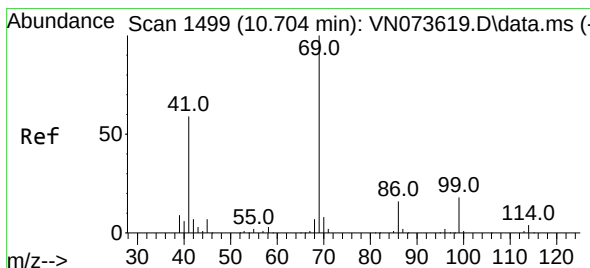
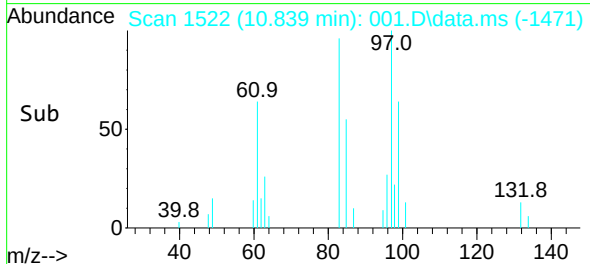
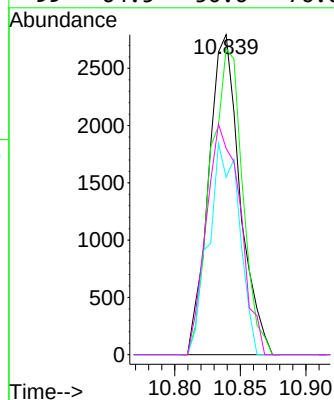
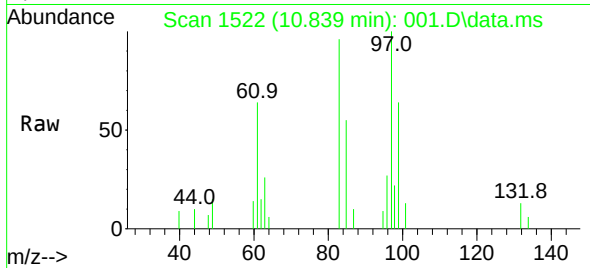




#55
 1,1,2-Trichloroethane
 Concen: 0.969 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

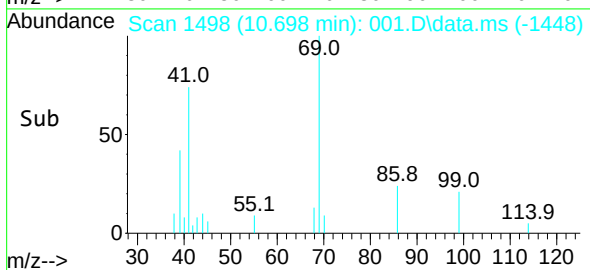
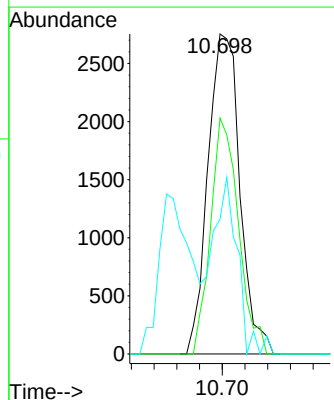
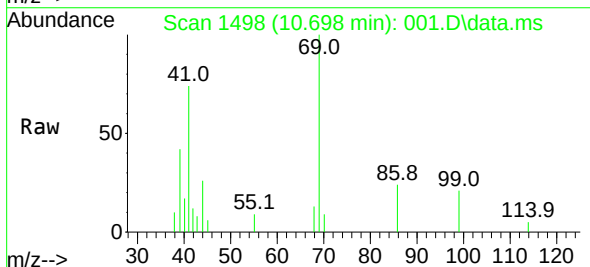
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

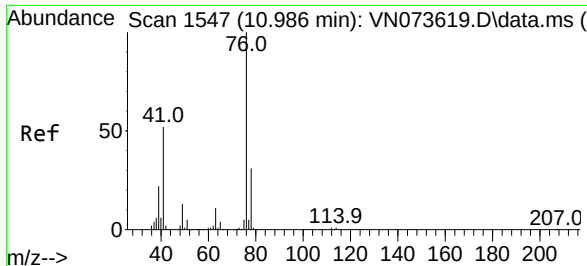
Tgt Ion:	97	Resp:	4646
Ion	Ratio	Lower	Upper
97	100		
83	95.6	66.2	99.4
85	55.4	43.9	65.9
99	64.5	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 0.825 ug/l
 RT: 10.698 min Scan# 1498
 Delta R.T. -0.006 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

Tgt Ion:	69	Resp:	5376
Ion	Ratio	Lower	Upper
69	100		
41	64.5	47.8	71.6
39	43.4	27.3	40.9

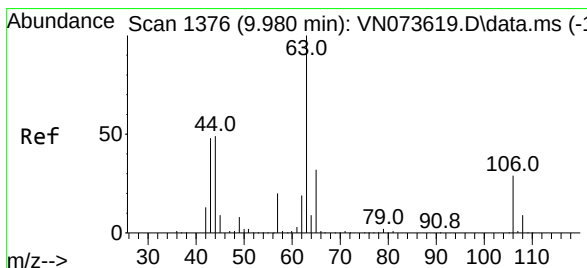
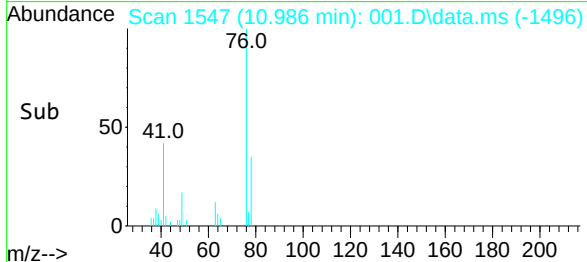
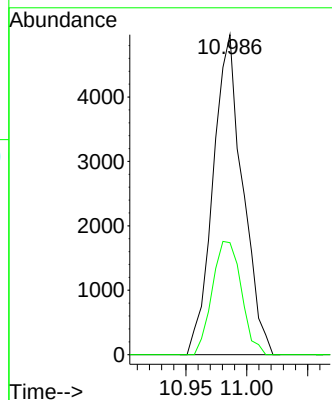
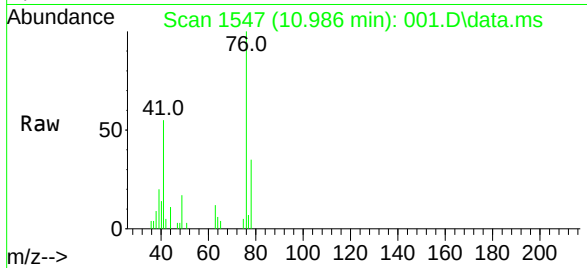




#57
1,3-Dichloropropane
Concen: 1.053 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

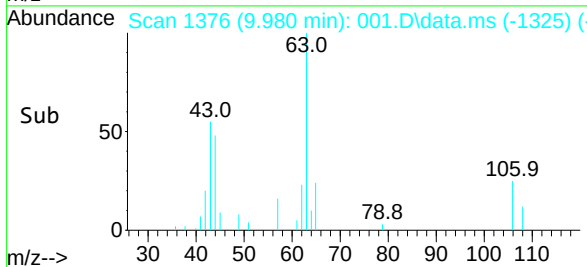
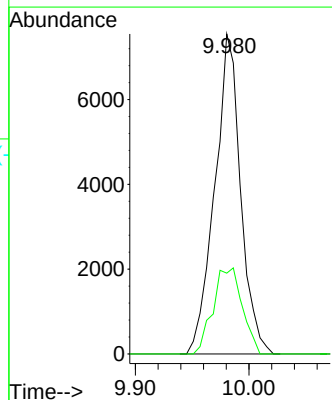
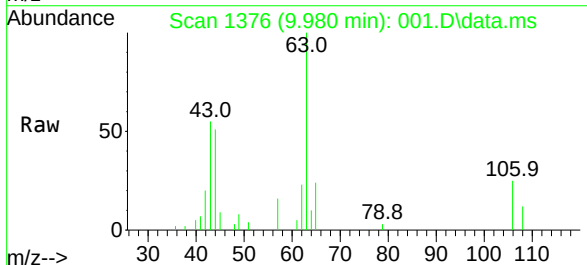
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

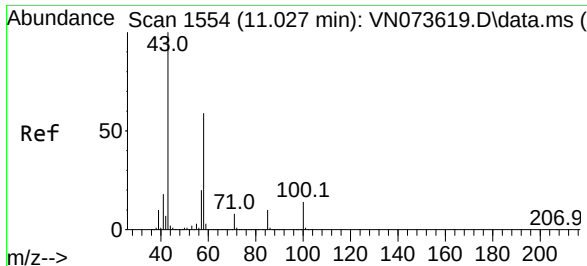
Tgt Ion: 76 Resp: 8418
Ion Ratio Lower Upper
76 100
78 34.7 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 4.013 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 63 Resp: 11946
Ion Ratio Lower Upper
63 100
106 30.3 24.6 36.8

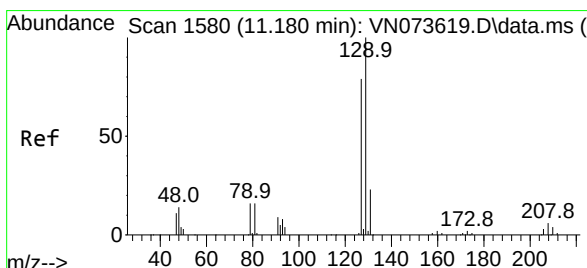
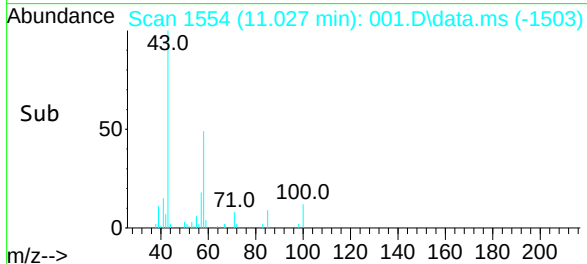
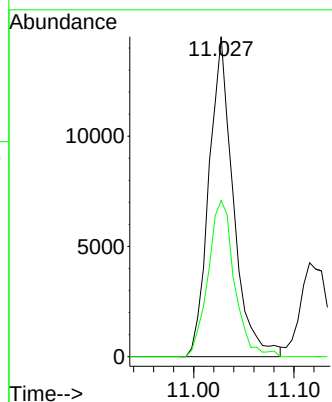
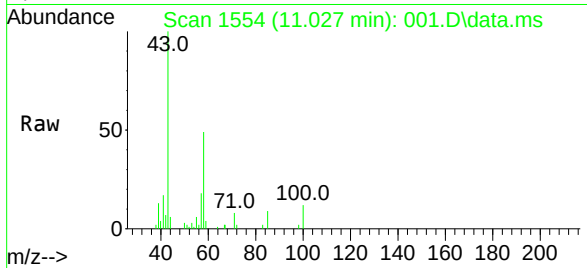




#59
2-Hexanone
Concen: 4.451 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

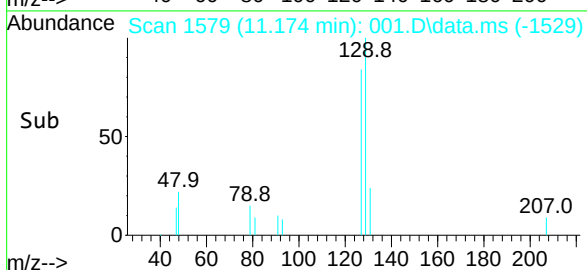
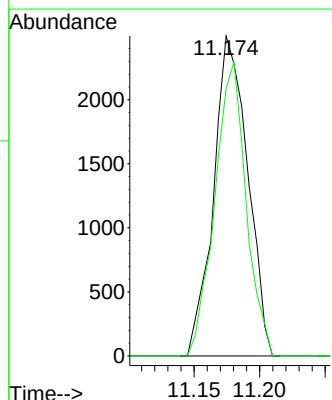
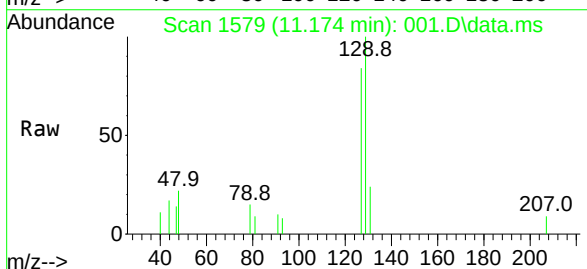
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

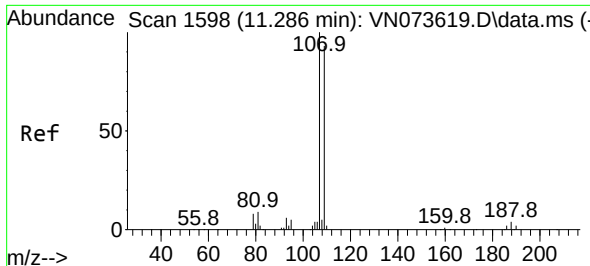
Tgt Ion: 43 Resp: 24477
Ion Ratio Lower Upper
43 100
58 52.6 29.7 89.1



#60
Dibromochloromethane
Concen: 0.944 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 129 Resp: 4506
Ion Ratio Lower Upper
129 100
127 84.5 38.8 116.4

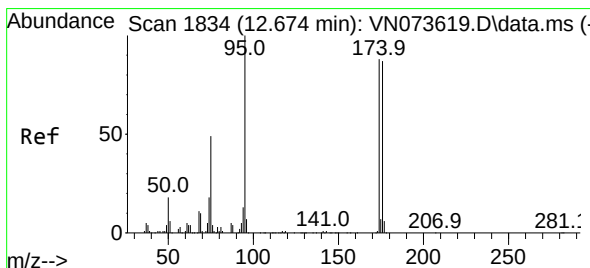
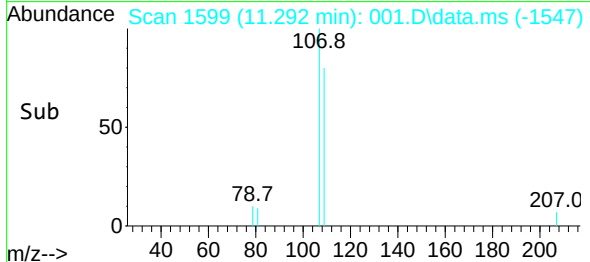
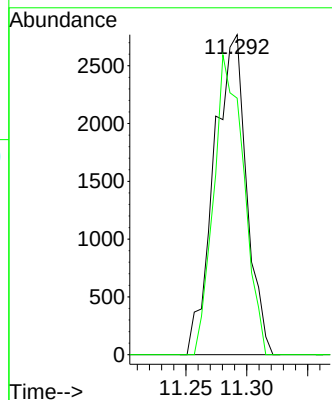
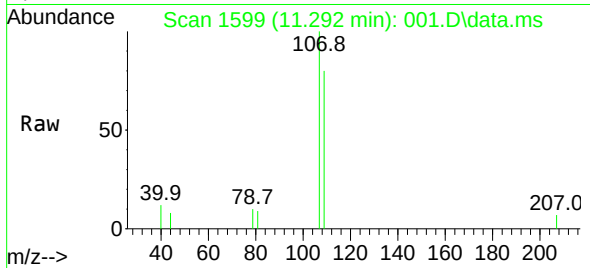




#61
1,2-Dibromoethane
Concen: 1.063 ug/l
RT: 11.292 min Scan# 1599
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

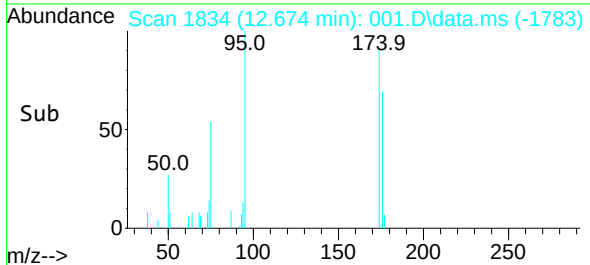
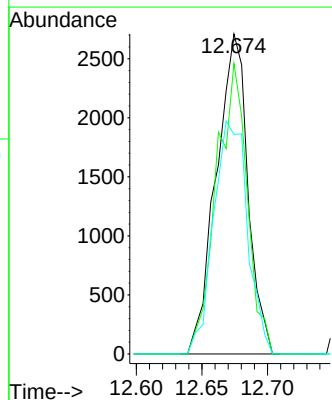
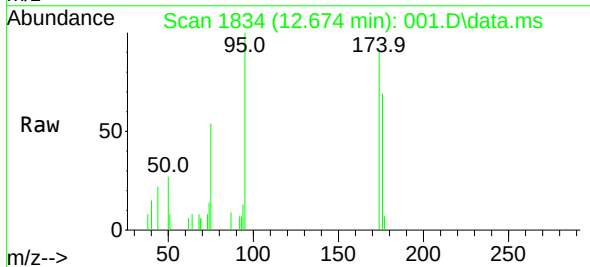
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

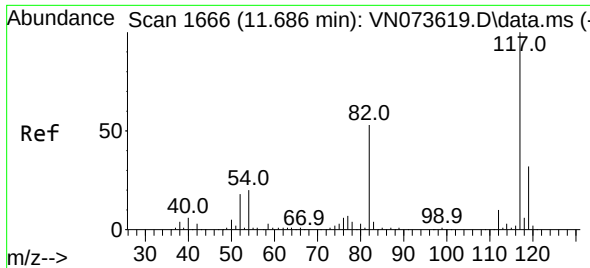
Tgt Ion:107 Resp: 5166
Ion Ratio Lower Upper
107 100
109 85.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 0.928 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 95 Resp: 4552
Ion Ratio Lower Upper
95 100
174 88.4 0.0 167.6
176 78.0 0.0 163.4

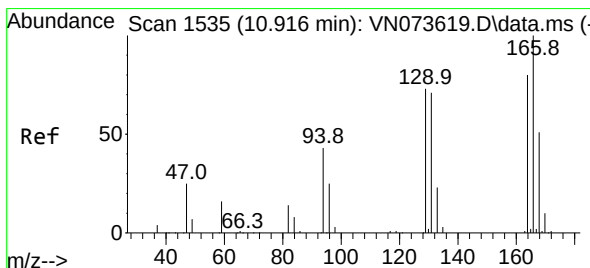
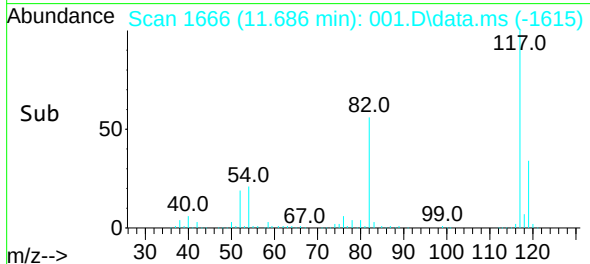
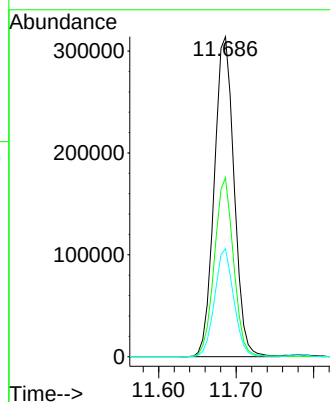
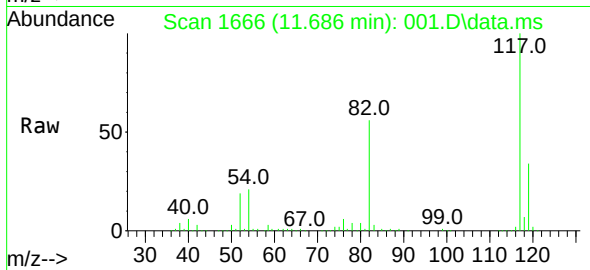




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

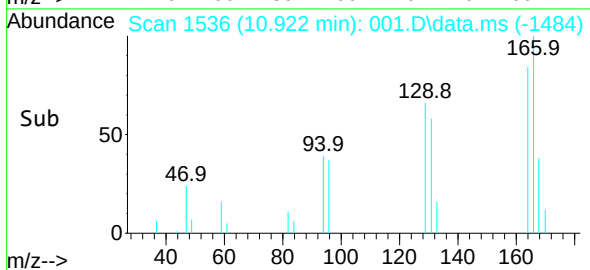
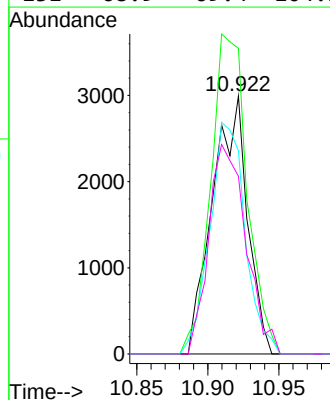
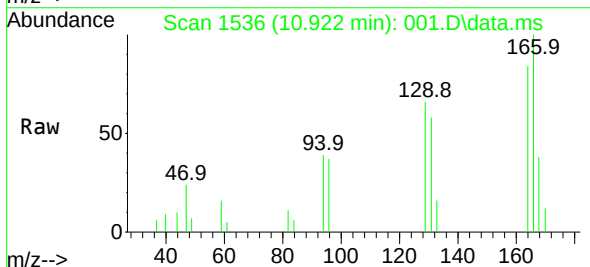
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

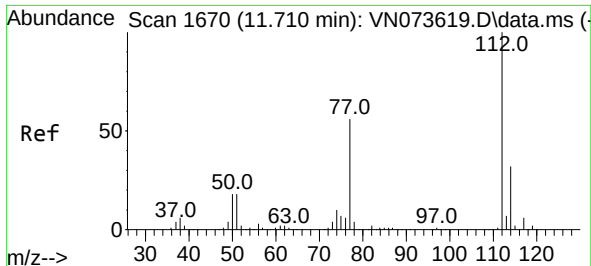
Tgt Ion:117 Resp: 559162
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 33.8 25.4 38.0



#64
Tetrachloroethene
Concen: 1.156 ug/l
RT: 10.922 min Scan# 1536
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion:164 Resp: 5117
Ion Ratio Lower Upper
164 100
166 118.5 104.2 156.2
129 78.8 73.9 110.9
131 68.9 69.4 104.2#

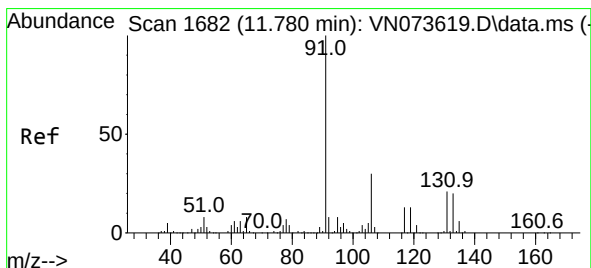
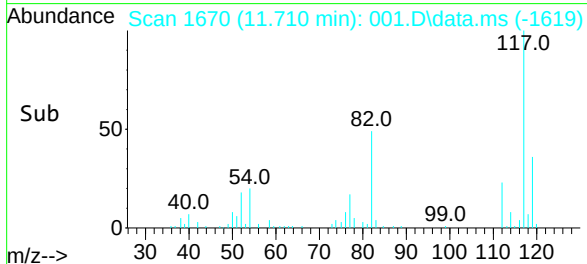
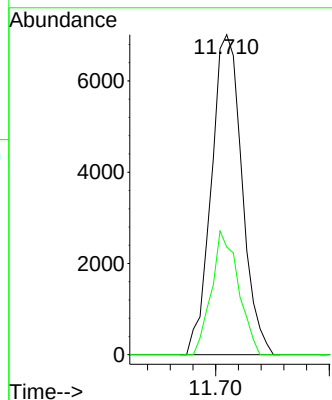
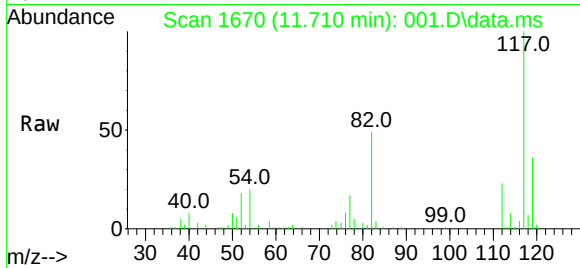




#65
Chlorobenzene
Concen: 1.103 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

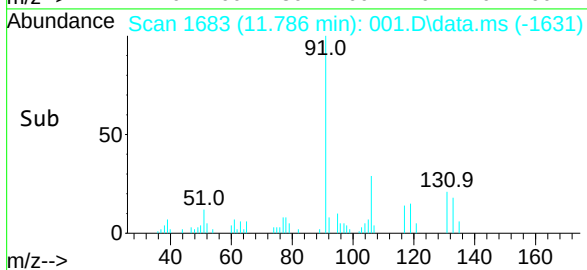
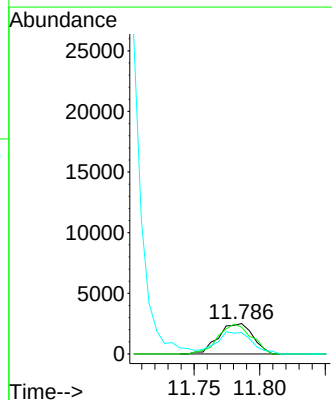
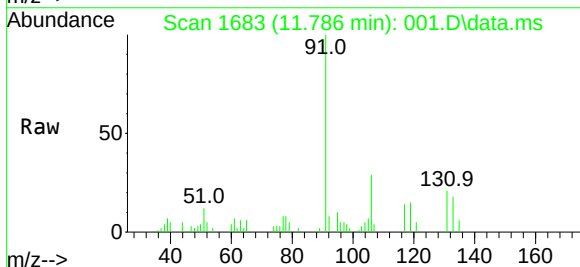
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

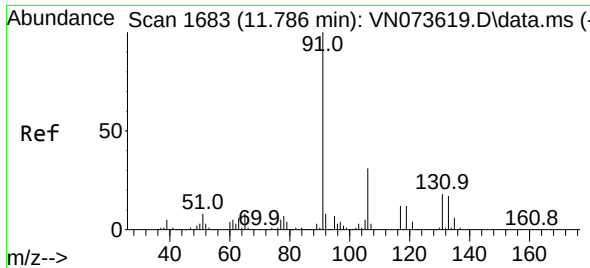
Tgt Ion:112 Resp: 13125
Ion Ratio Lower Upper
112 100
114 33.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 1.092 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion:131 Resp: 4597
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.4
119 0.0 33.4 100.2#

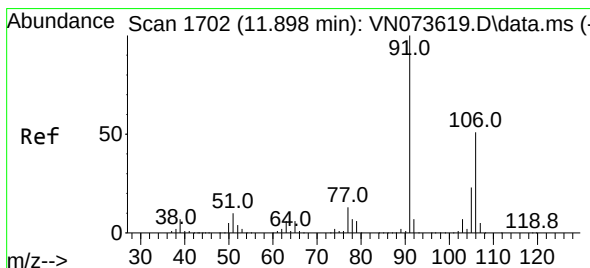
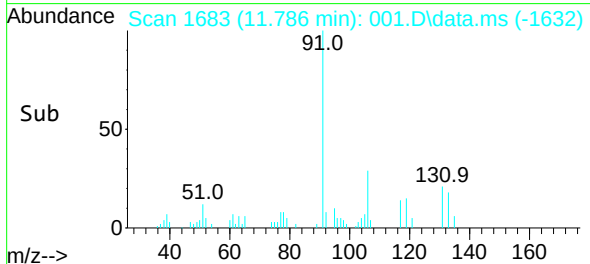
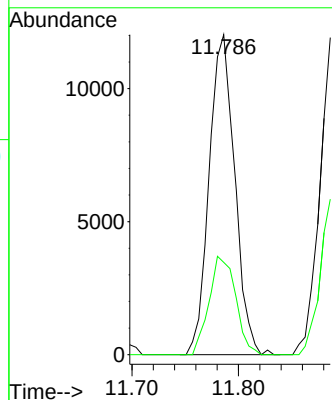
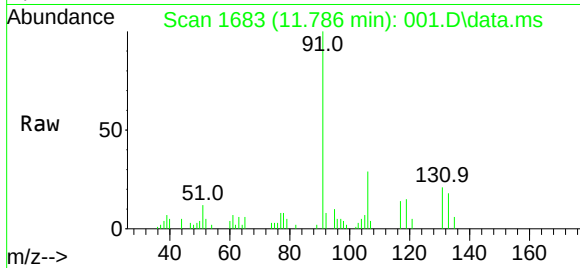




#67
Ethyl Benzene
Concen: 1.014 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

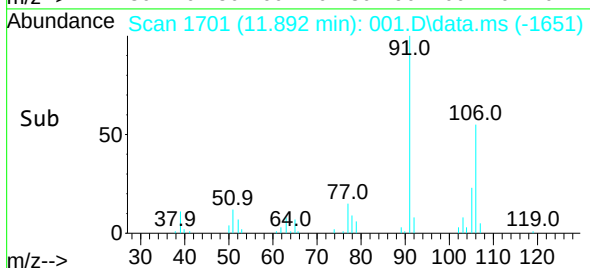
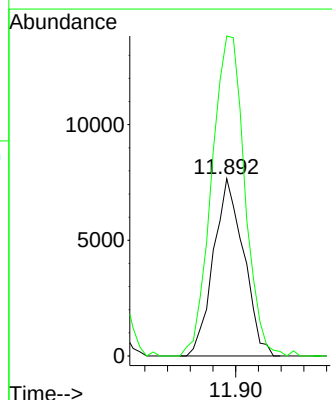
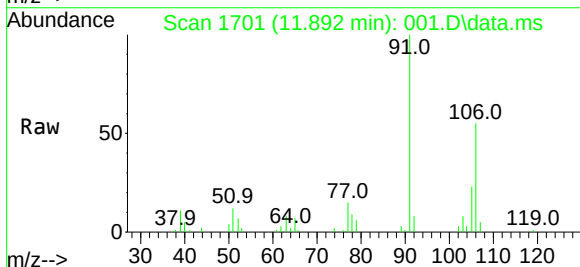
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

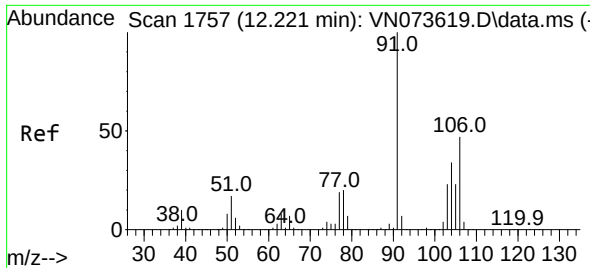
Tgt Ion: 91 Resp: 20079
Ion Ratio Lower Upper
91 100
106 28.9 24.9 37.3



#68
m/p-Xylenes
Concen: 1.868 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 106 Resp: 14192
Ion Ratio Lower Upper
106 100
91 196.7 158.9 238.3

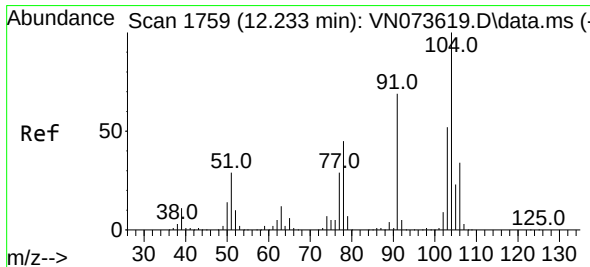
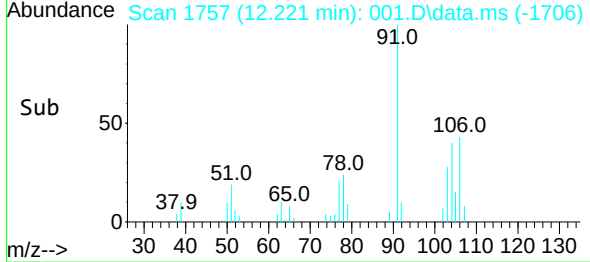
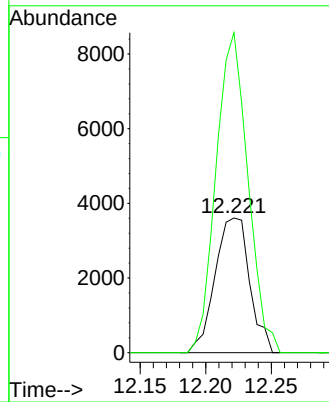
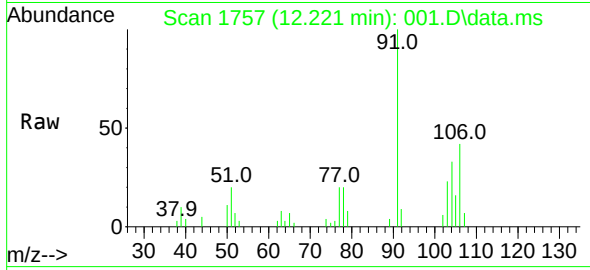




#69
o-Xylene
Concen: 0.900 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

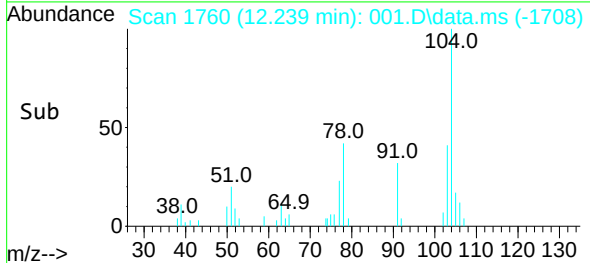
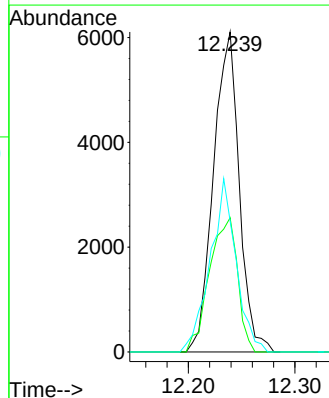
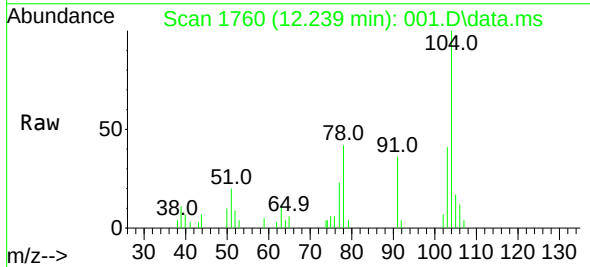
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

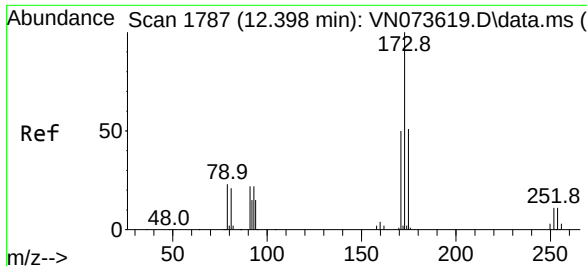
Tgt Ion:106 Resp: 6634
Ion Ratio Lower Upper
106 100
91 218.4 106.0 318.0



#70
Styrene
Concen: 0.868 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion:104 Resp: 10233
Ion Ratio Lower Upper
104 100
78 45.8 39.5 59.3
103 54.6 44.0 66.0

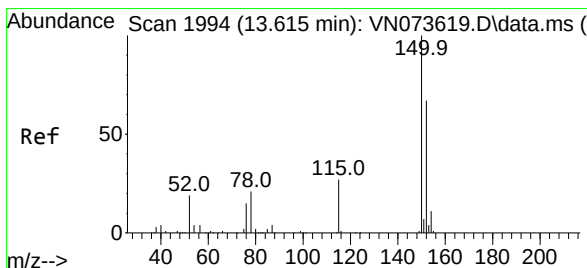
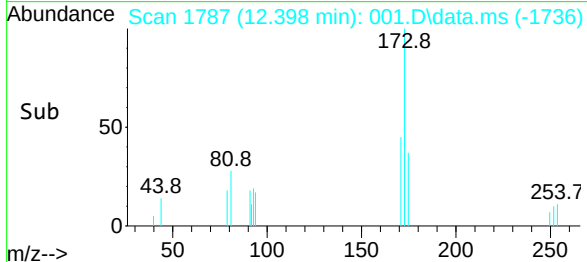
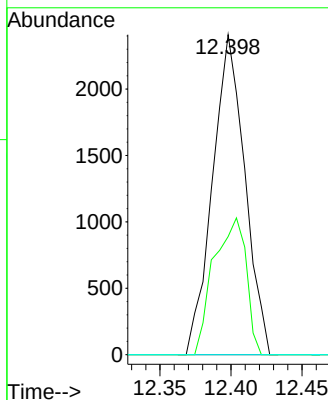
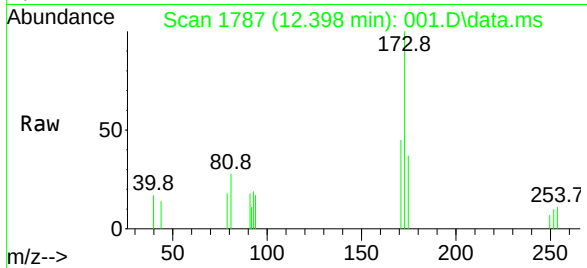




#71
Bromoform
Concen: 1.114 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

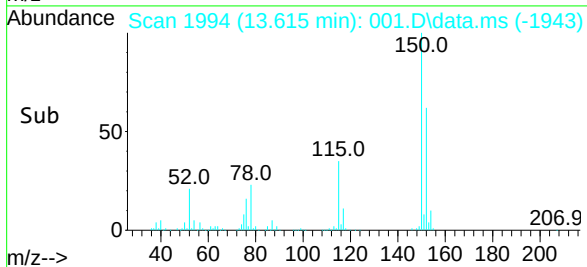
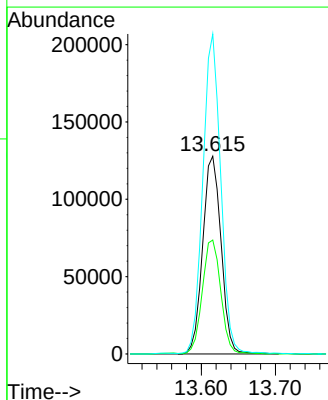
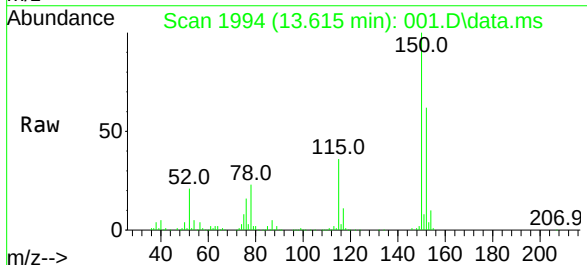
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

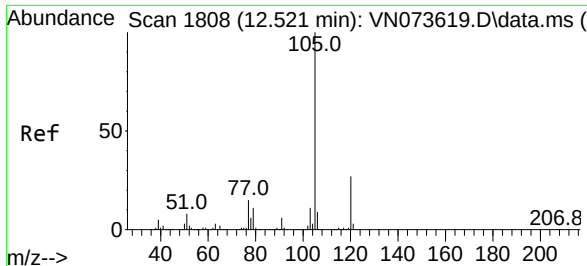
Tgt Ion:173 Resp: 3810
Ion Ratio Lower Upper
173 100
175 42.9 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion:152 Resp: 220684
Ion Ratio Lower Upper
152 100
115 57.4 28.9 86.7
150 157.4 0.0 356.2

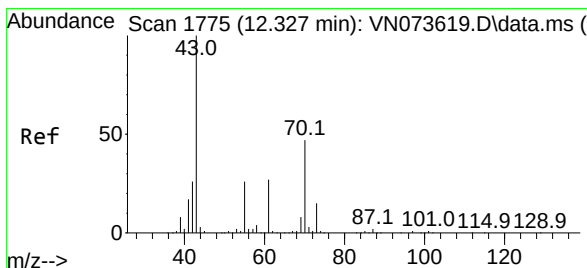
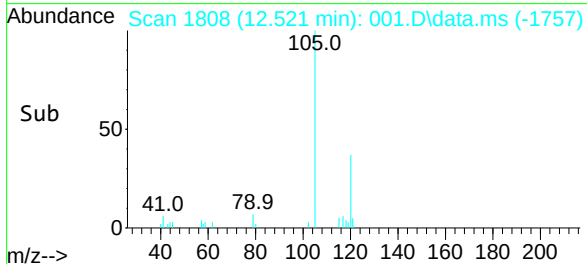
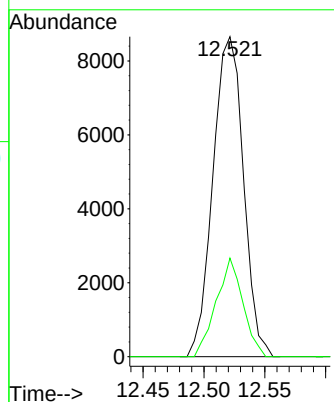
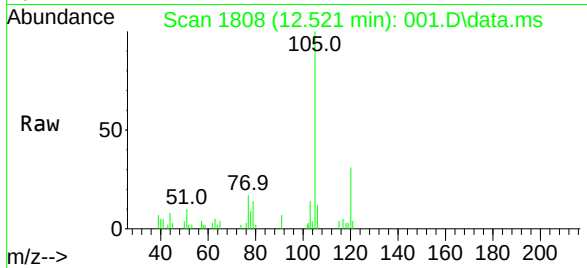




#73
Isopropylbenzene
Concen: 0.930 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

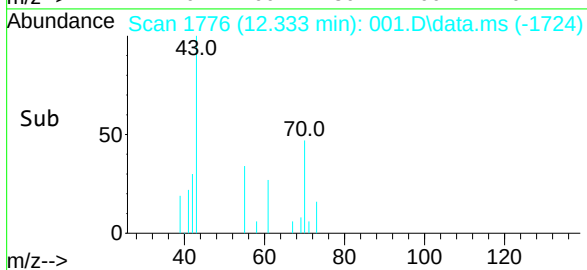
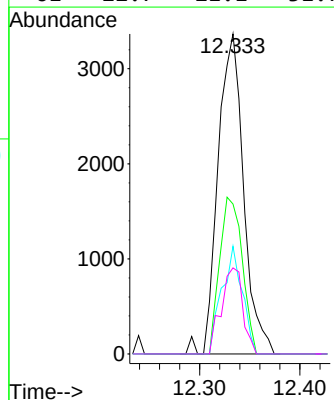
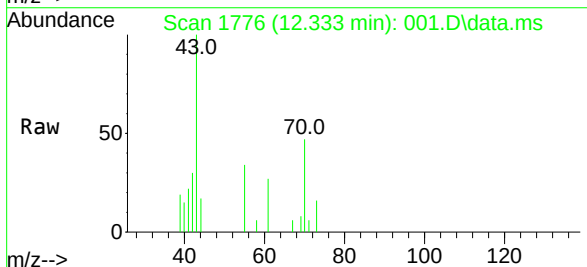
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

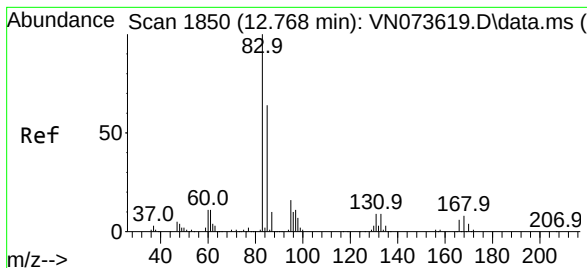
Tgt Ion:105 Resp: 15074
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 0.978 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 43 Resp: 5950
Ion Ratio Lower Upper
43 100
70 43.3 39.0 58.4
55 26.8 21.1 31.7
61 22.7 21.1 31.7

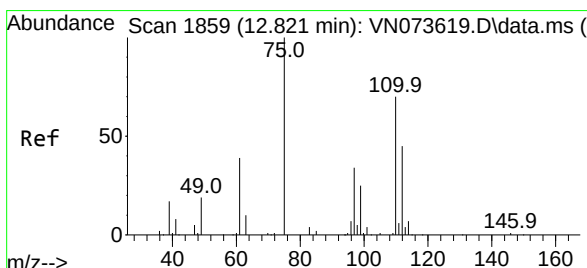
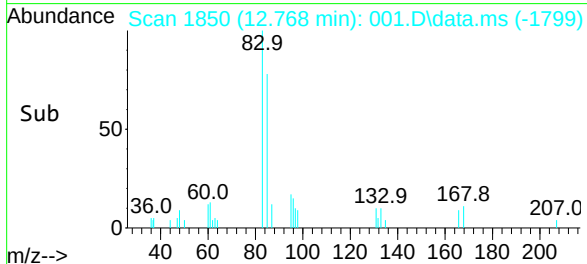
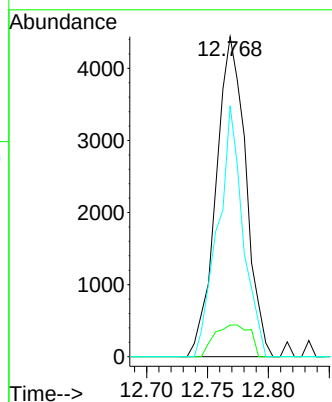
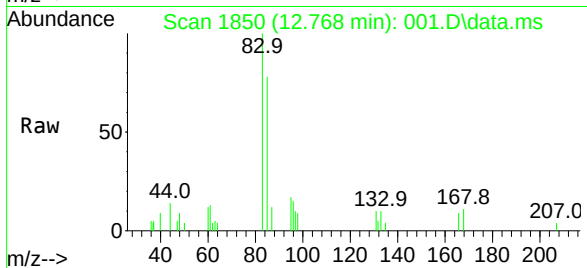




#75
1,1,2,2-Tetrachloroethane
Concen: 1.210 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

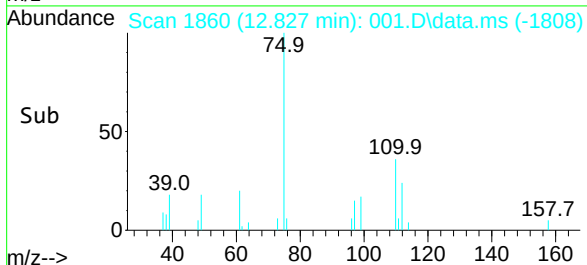
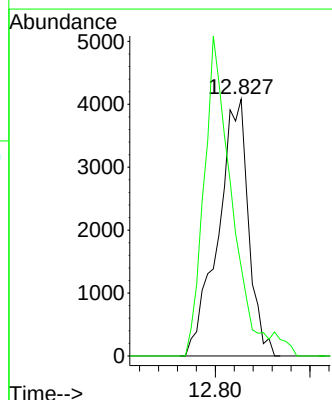
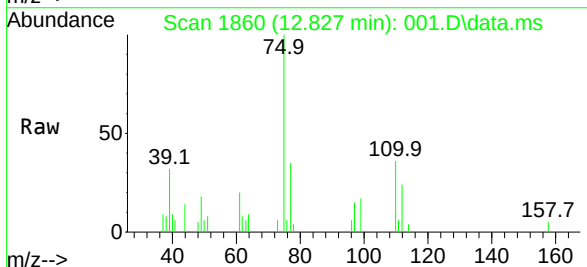
Instrument :
MSVOA_N
ClientSampleId :
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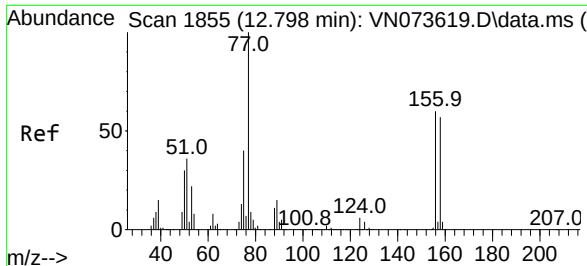
Tgt Ion: 83 Resp: 7563
Ion Ratio Lower Upper
83 100
131 11.8 5.3 15.9
85 66.0 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 1.735 ug/l
RT: 12.827 min Scan# 1860
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 75 Resp: 9072
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#

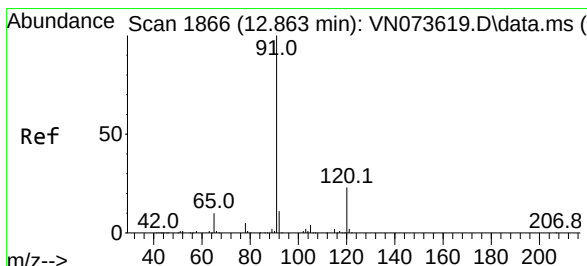
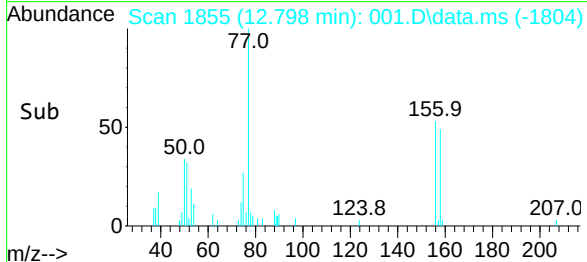
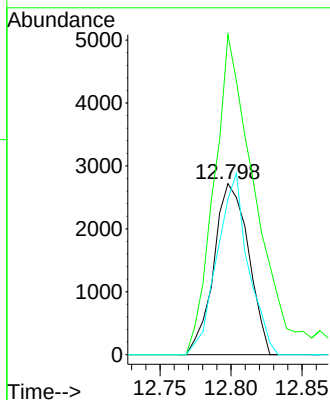
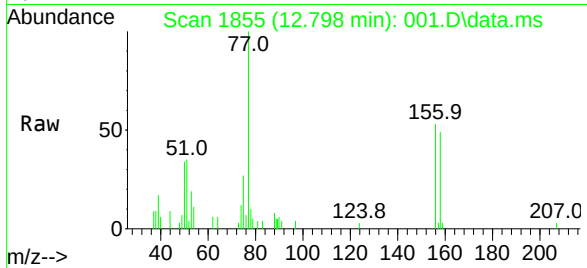




#77
Bromobenzene
Concen: 1.100 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

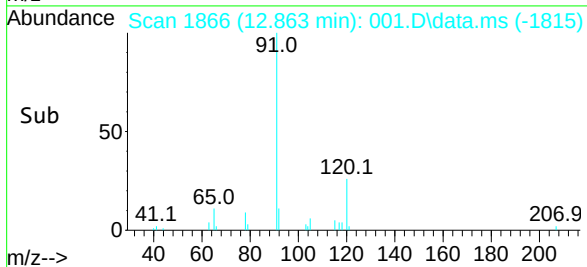
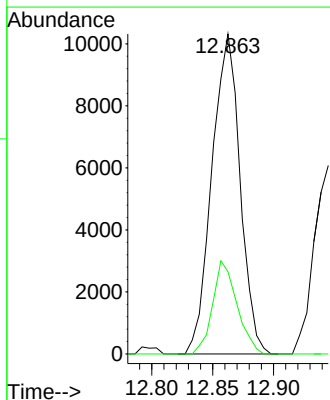
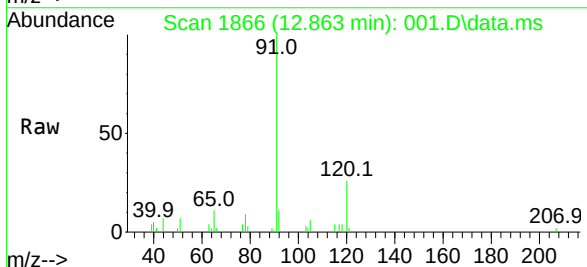
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

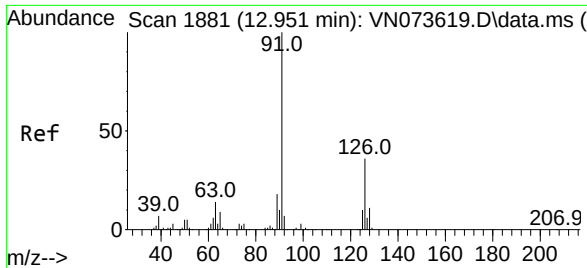
Tgt Ion:156 Resp: 4609
Ion Ratio Lower Upper
156 100
77 228.7 100.5 301.5
158 94.9 48.9 146.6



#78
n-propylbenzene
Concen: 0.923 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 91 Resp: 16606
Ion Ratio Lower Upper
91 100
120 25.1 11.9 35.5

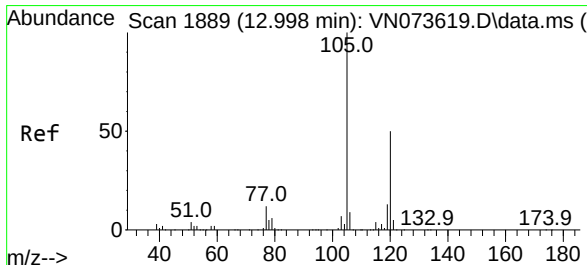
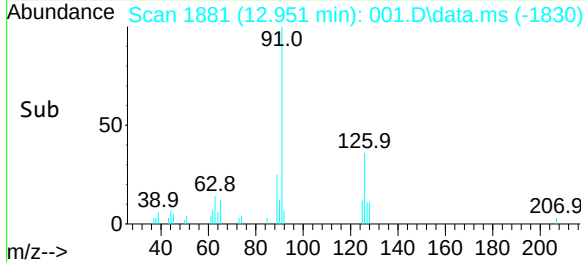
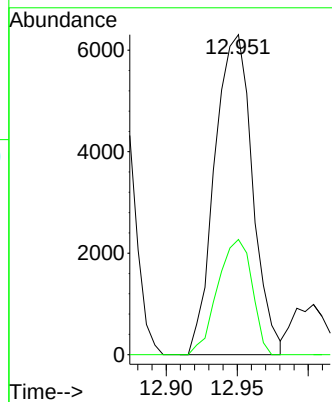
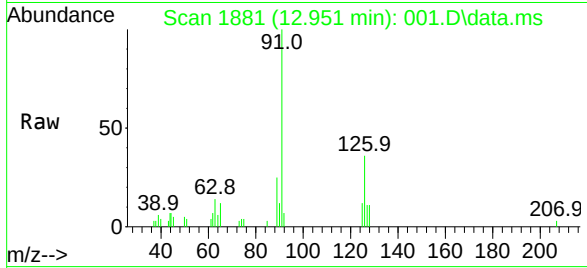




#79
2-Chlorotoluene
Concen: 1.040 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

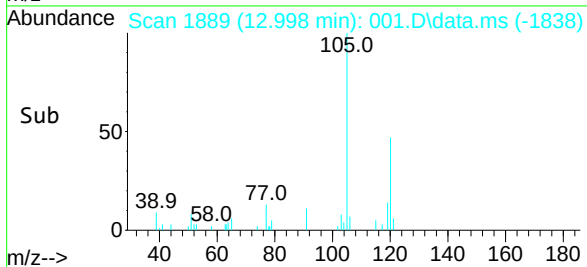
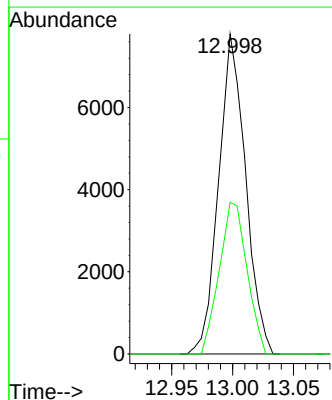
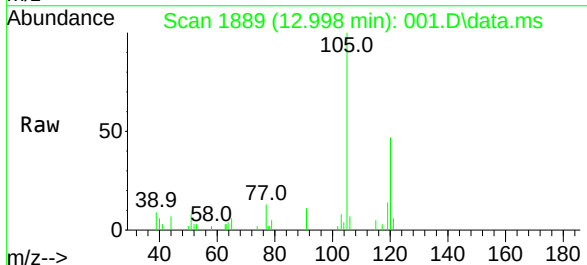
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

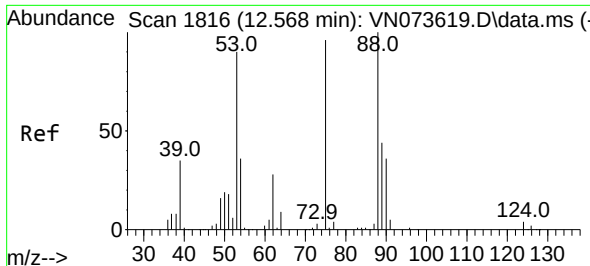
Tgt Ion: 91 Resp: 11691
Ion Ratio Lower Upper
91 100
126 32.8 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 0.909 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 105 Resp: 12004
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7

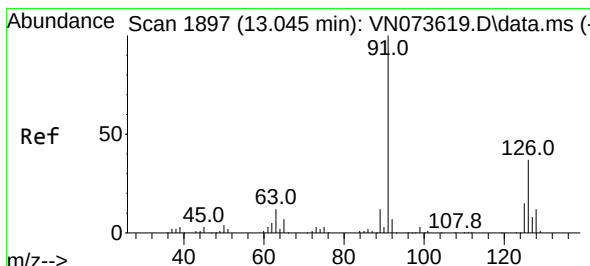
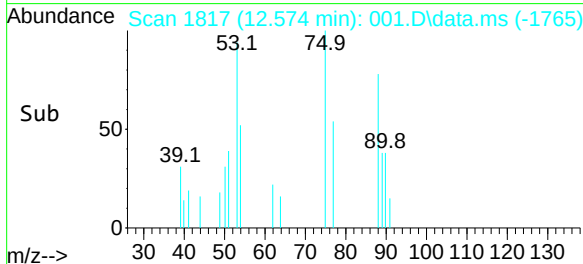
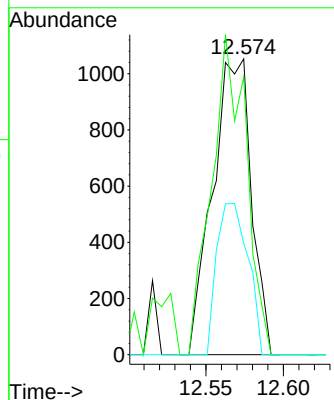
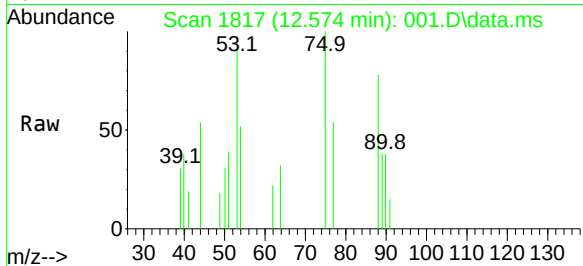




#81
trans-1,4-Dichloro-2-butene
Concen: 1.076 ug/l
RT: 12.574 min Scan# 1816
Delta R.T. 0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

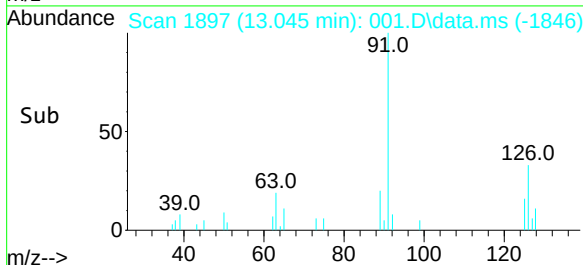
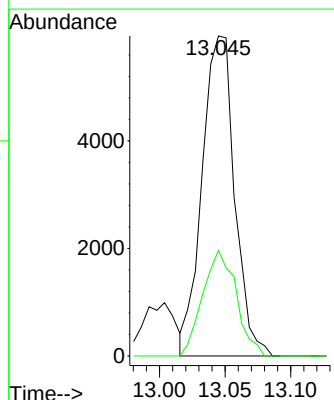
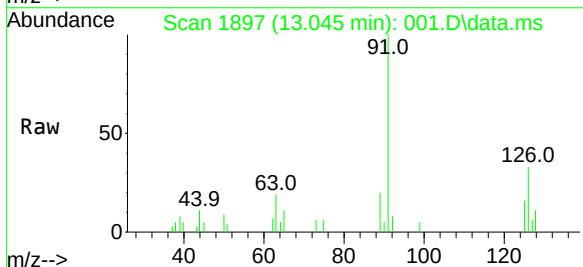
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

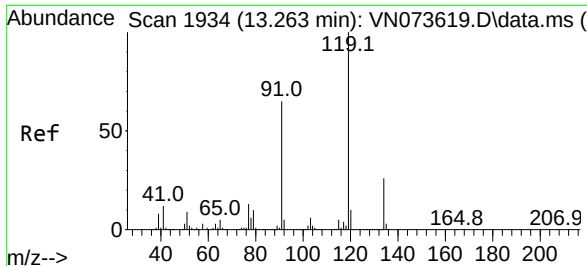
Tgt Ion: 75 Resp: 1832
Ion Ratio Lower Upper
75 100
53 96.7 78.0 117.0
89 41.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 0.955 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion: 91 Resp: 10283
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.6

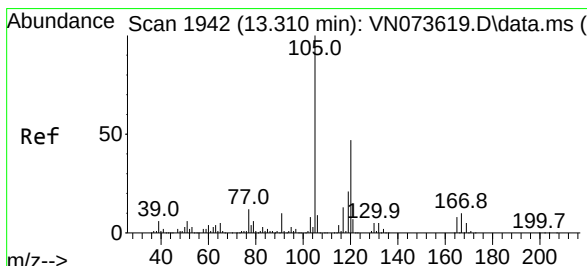
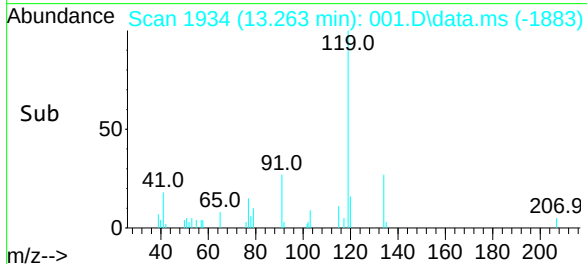
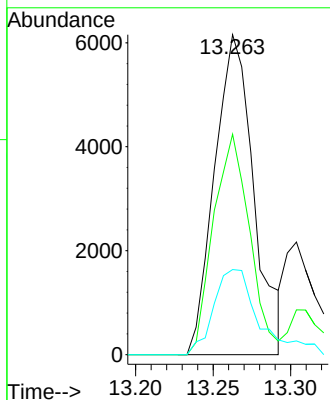
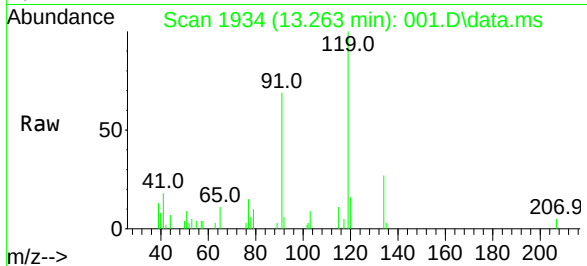




#83
tert-Butylbenzene
Concen: 0.930 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

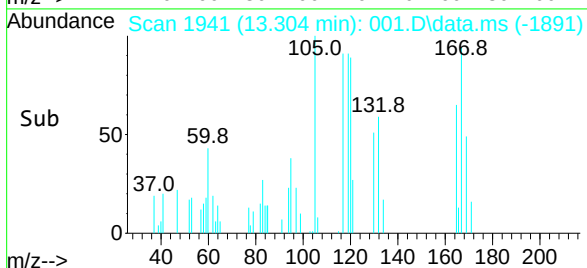
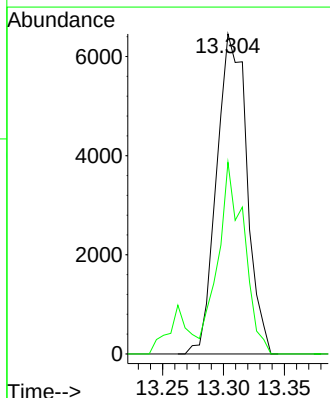
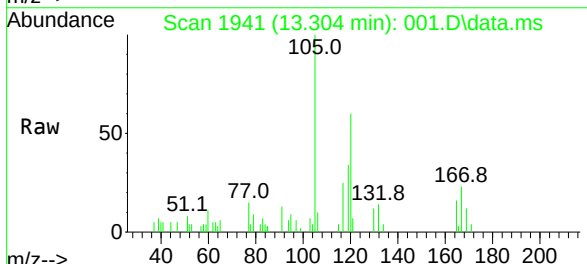
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

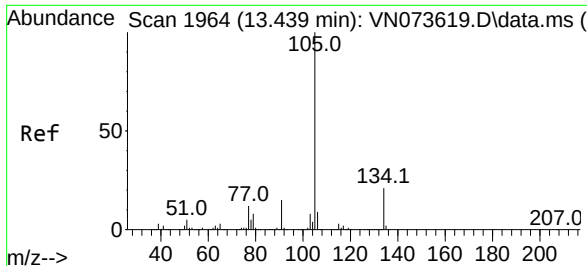
Tgt Ion:119 Resp: 10837
Ion Ratio Lower Upper
119 100
91 63.5 31.6 94.8
134 30.9 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 0.862 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion:105 Resp: 11162
Ion Ratio Lower Upper
105 100
120 51.3 23.3 69.8

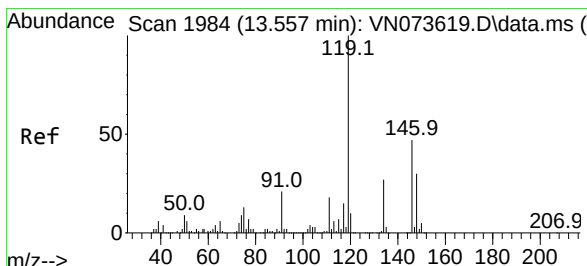
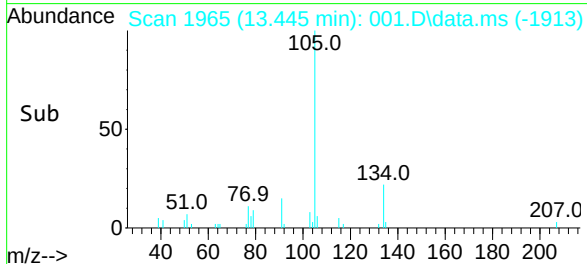
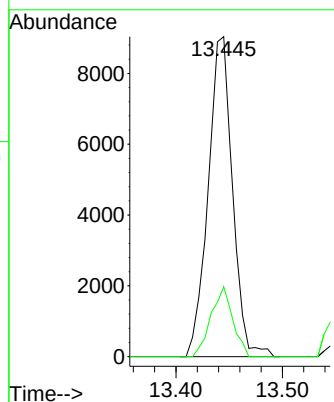
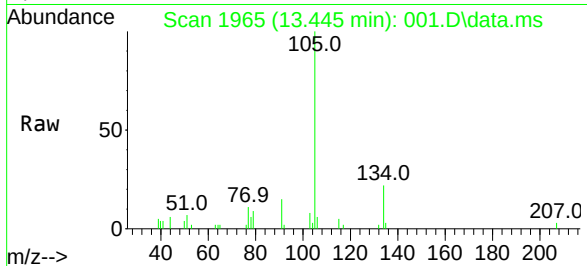




#85
 sec-Butylbenzene
 Concen: 0.895 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

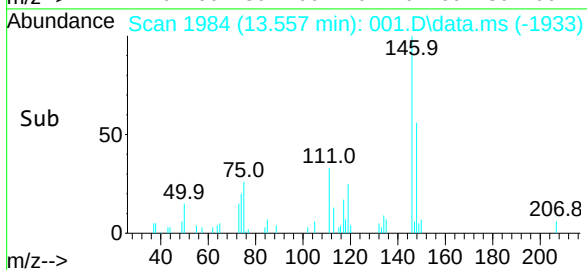
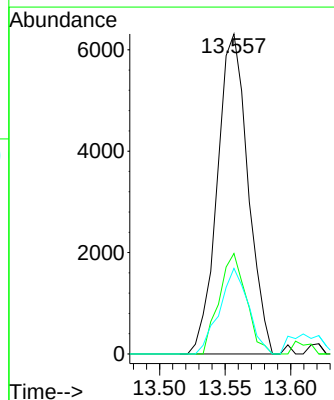
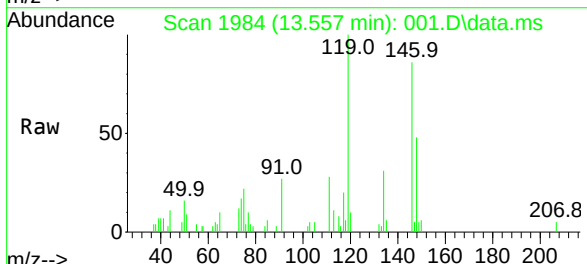
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

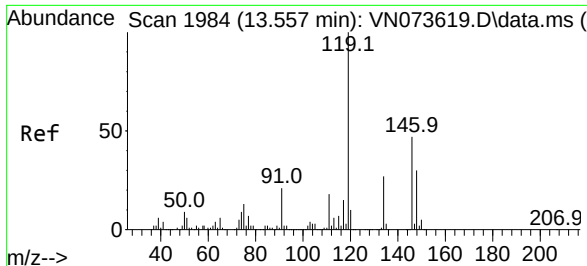
Tgt Ion:105 Resp: 14369
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.808 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

Tgt Ion:119 Resp: 10262
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.3 39.8
 91 25.1 11.3 33.9

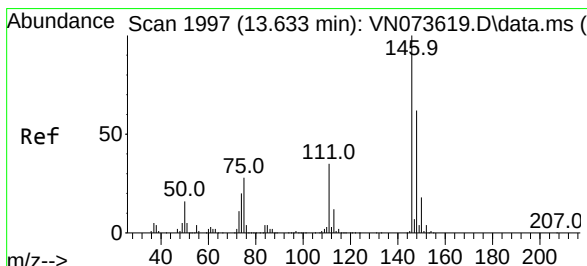
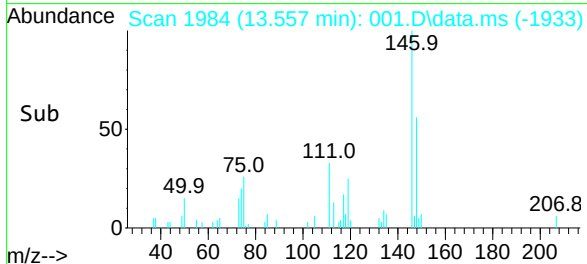
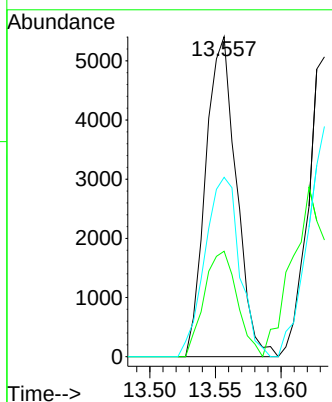
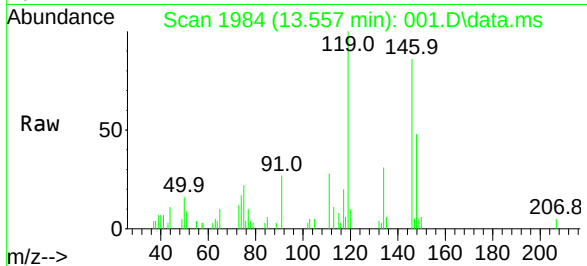




#87
 1,3-Dichlorobenzene
 Concen: 1.165 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

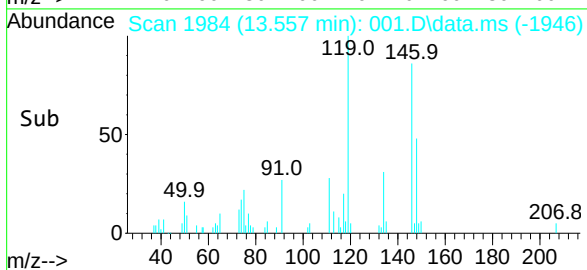
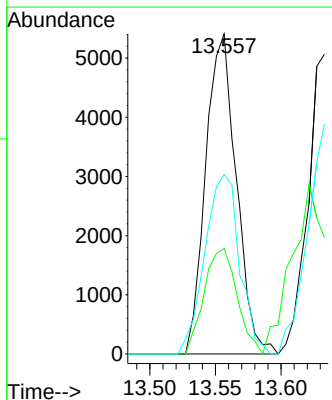
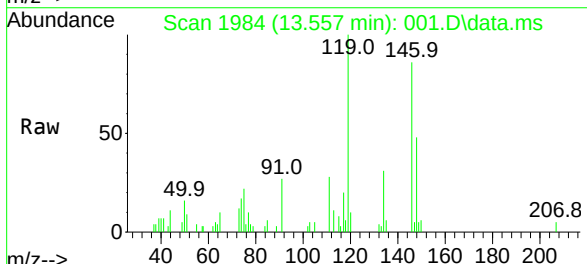
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

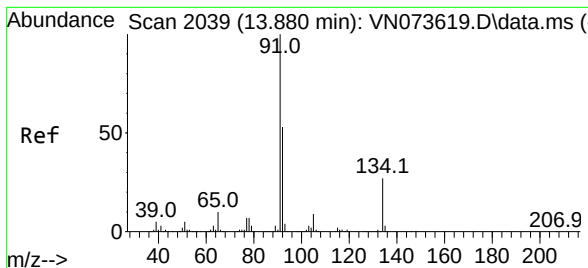
Tgt Ion:146 Resp: 8782
 Ion Ratio Lower Upper
 146 100
 111 35.4 20.0 60.0
 148 63.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 1.142 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.076 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

Tgt Ion:146 Resp: 8782
 Ion Ratio Lower Upper
 146 100
 111 35.4 19.1 57.1
 148 63.6 31.4 94.3





#89

n-Butylbenzene

Concen: 0.943 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. -0.000 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

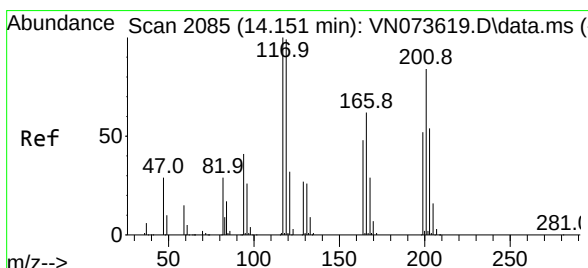
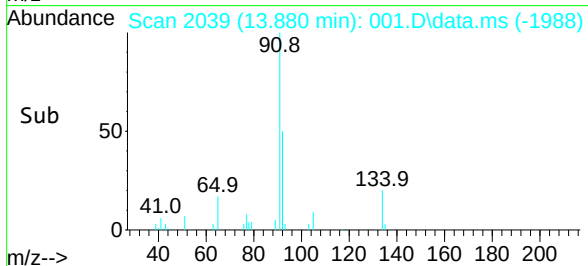
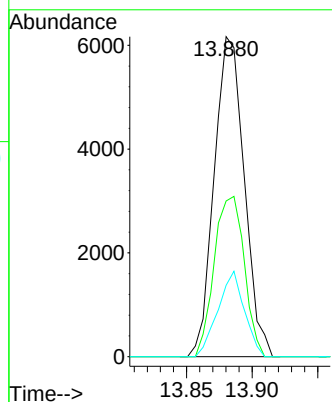
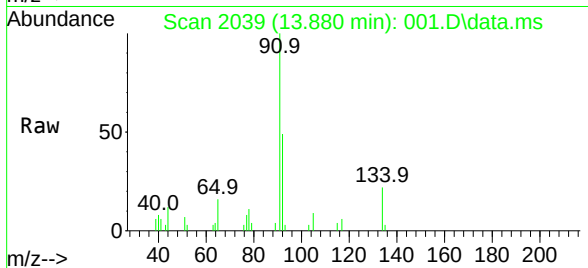
Tgt Ion: 91 Resp: 9813

Ion Ratio Lower Upper

91 100

92 50.1 26.9 80.7

134 23.5 13.6 40.8



#90

Hexachloroethane

Concen: 1.007 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. 0.000 min

Lab File: 001.D

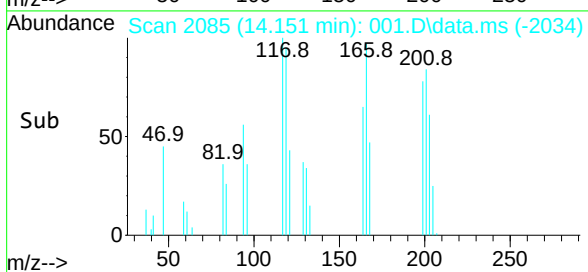
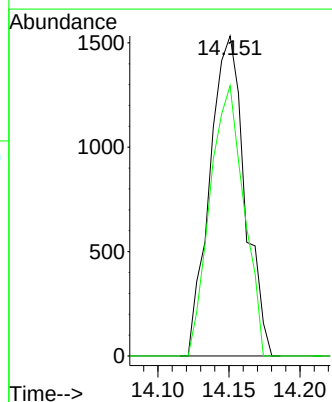
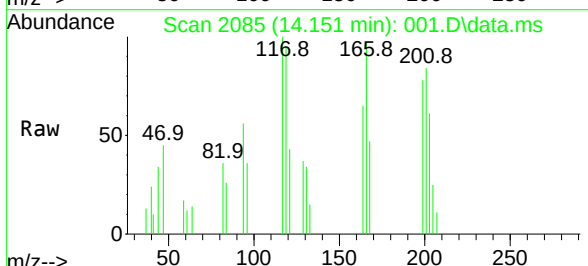
Acq: 28 Jul 2022 10:31

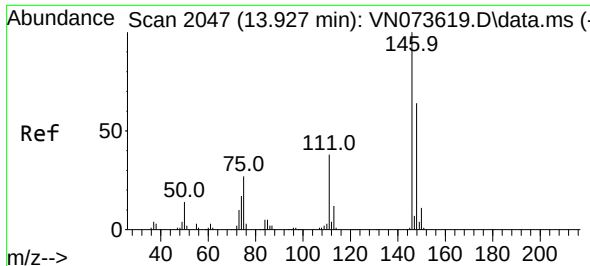
Tgt Ion: 117 Resp: 2623

Ion Ratio Lower Upper

117 100

201 81.8 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 1.117 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

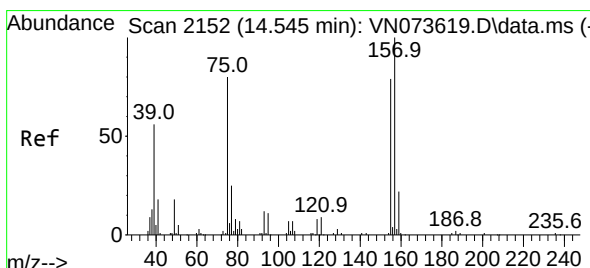
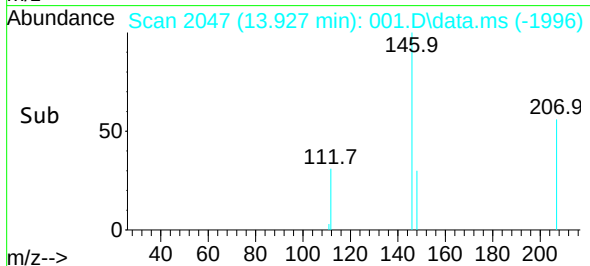
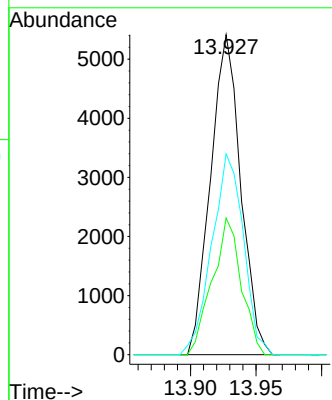
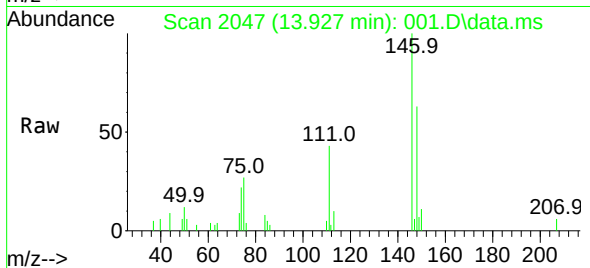
Tgt Ion:146 Resp: 8680

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.8

148 65.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.165 ug/l

RT: 14.533 min Scan# 2150

Delta R.T. -0.012 min

Lab File: 001.D

Acq: 28 Jul 2022 10:31

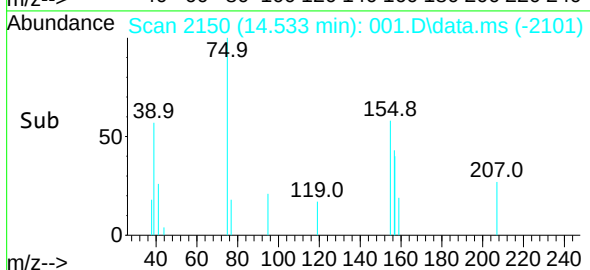
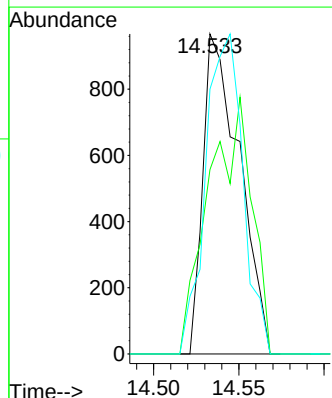
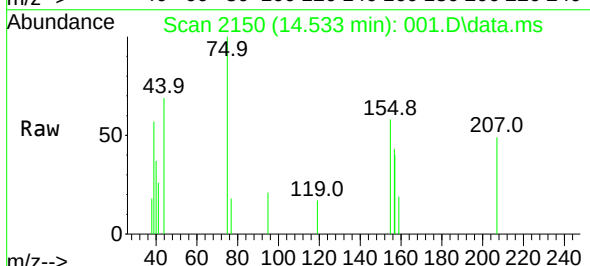
Tgt Ion: 75 Resp: 1435

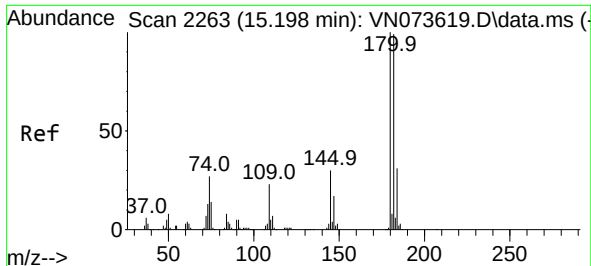
Ion Ratio Lower Upper

75 100

155 94.8 44.9 134.5

157 102.6 59.0 176.8

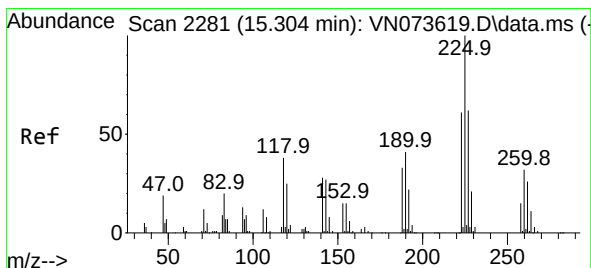
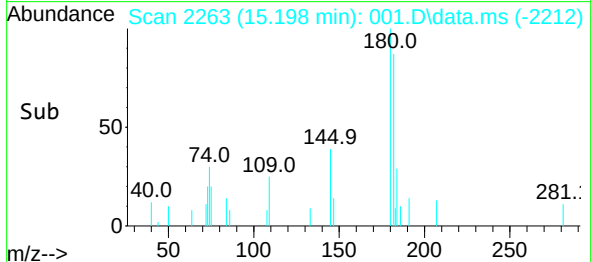
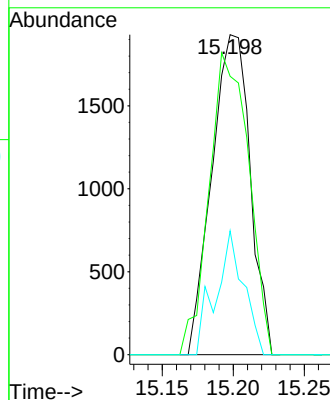
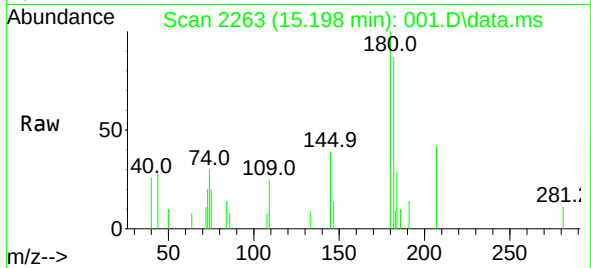




#93
 1,2,4-Trichlorobenzene
 Concen: 0.944 ug/l
 RT: 15.198 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

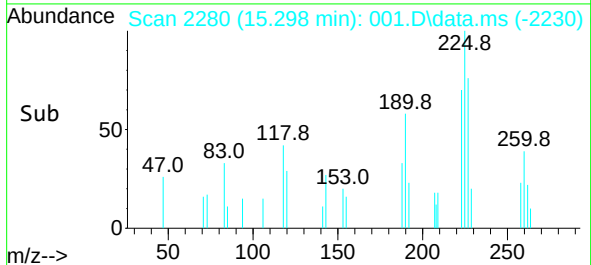
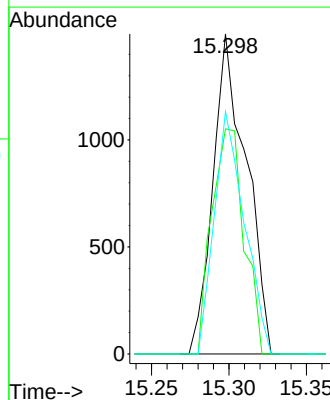
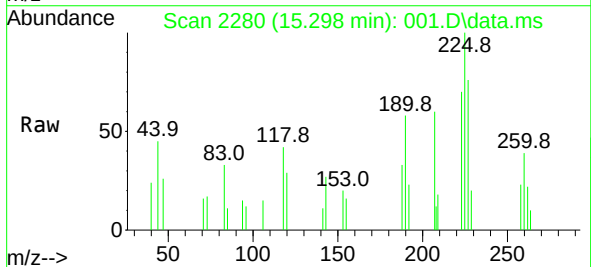
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

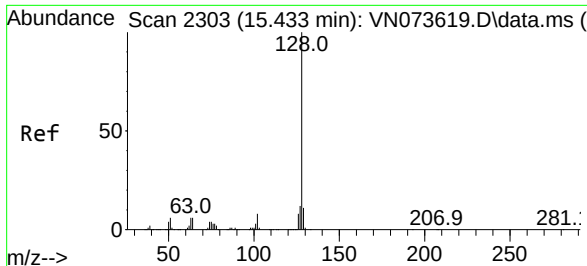
Tgt Ion:180 Resp: 3624
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.5 142.5
 145 28.1 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 1.064 ug/l
 RT: 15.298 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: 001.D
 Acq: 28 Jul 2022 10:31

Tgt Ion:225 Resp: 2225
 Ion Ratio Lower Upper
 225 100
 223 68.4 32.4 97.2
 227 68.9 31.8 95.4

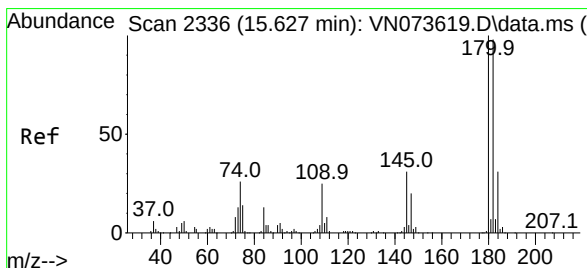
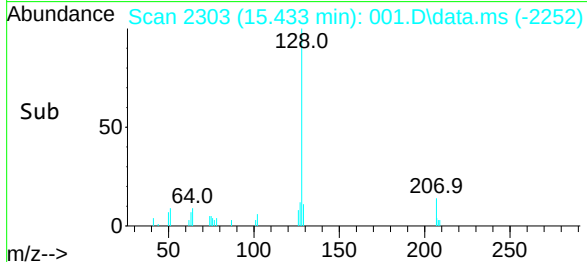
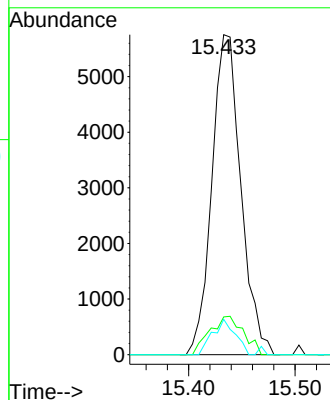
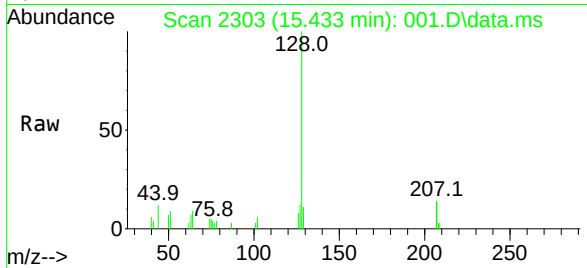




#95
Naphthalene
Concen: 0.870 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 10861
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 8.6 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.034 ug/l
RT: 15.639 min Scan# 2338
Delta R.T. 0.012 min
Lab File: 001.D
Acq: 28 Jul 2022 10:31

Tgt Ion:180 Resp: 4153
Ion Ratio Lower Upper
180 100
182 91.8 47.8 143.3
145 30.9 15.5 46.5

