

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073195.D
 Acq On : 28 Jun 2022 10:58
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 28 11:53:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 11:50:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	258568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	452542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	404463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	191192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	68636	19.404	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.800%#		
35) Dibromofluoromethane	7.945	113	53647	19.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.020%#		
50) Toluene-d8	10.375	98	187827	18.107	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	36.220%#		
62) 4-Bromofluorobenzene	12.669	95	72602	18.930	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.860%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	80312	29.637	ug/l	100
3) Chloromethane	2.269	50	74309	25.081	ug/l	99
4) Vinyl Chloride	2.410	62	64012	27.015	ug/l	97
5) Bromomethane	2.810	94	30695	31.498	ug/l	98
6) Chloroethane	2.975	64	37039	25.282	ug/l	98
7) Trichlorofluoromethane	3.322	101	112333	28.141	ug/l	91
8) Diethyl Ether	3.769	74	45714	23.685	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.146	101	64210	24.545	ug/l	97
10) Methyl Iodide	4.351	142	67630	22.189	ug/l	95
11) Tert butyl alcohol	5.287	59	91576	99.670	ug/l	96
12) 1,1-Dichloroethene	4.122	96	61324	23.731	ug/l	97
13) Acrolein	3.987	56	60356	148.361	ug/l	100
14) Allyl chloride	4.769	41	126369	22.875	ug/l	95
15) Acrylonitrile	5.475	53	236590	110.102	ug/l	99
16) Acetone	4.222	43	212862	107.372	ug/l	97
17) Carbon Disulfide	4.457	76	160283	23.886	ug/l	98
18) Methyl Acetate	4.775	43	116317	21.925	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	227704	23.580	ug/l	98
20) Methylene Chloride	5.010	84	73902	21.953	ug/l	87
21) trans-1,2-Dichloroethene	5.510	96	65179	23.300	ug/l	95
22) Diisopropyl ether	6.410	45	247473	24.098	ug/l	93
23) Vinyl Acetate	6.351	43	1110052	117.189	ug/l	95
24) 1,1-Dichloroethane	6.310	63	126720	23.556	ug/l	98
25) 2-Butanone	7.257	43	346101	110.061	ug/l	91
26) 2,2-Dichloropropane	7.239	77	111132	22.990	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	79742	23.731	ug/l	96
28) Bromochloromethane	7.586	49	56715	25.088	ug/l	85
29) Tetrahydrofuran	7.610	42	232742	111.567	ug/l	88
30) Chloroform	7.745	83	128935	23.674	ug/l	96
31) Cyclohexane	8.016	56	122264	24.288	ug/l	88
32) 1,1,1-Trichloroethane	7.945	97	115572	24.101	ug/l	98
36) 1,1-Dichloropropene	8.145	75	93151	23.693	ug/l	98
37) Ethyl Acetate	7.334	43	140245	22.473	ug/l	96
38) Carbon Tetrachloride	8.133	117	95734	23.272	ug/l	98
39) Methylcyclohexane	9.392	83	116162	24.404	ug/l	98
40) Benzene	8.386	78	292327	23.750	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	68196	23.234	ug/l #	86
42) 1,2-Dichloroethane	8.463	62	105555	24.078	ug/l	100
43) Isopropyl Acetate	8.492	43	204311	22.910	ug/l	94
44) Trichloroethene	9.151	130	71639	22.873	ug/l	95
45) 1,2-Dichloropropane	9.422	63	73598	23.347	ug/l	99
46) Dibromomethane	9.510	93	48386	22.817	ug/l	96
47) Bromodichloromethane	9.698	83	98720	23.396	ug/l	98
48) Methyl methacrylate	9.492	41	93362	22.636	ug/l	90
49) 1,4-Dioxane	9.498	88	38463	426.835	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	663140	114.405	ug/l	90
52) Toluene	10.439	92	179505	23.764	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	108703	23.920	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	115282	23.256	ug/l #	91
55) 1,1,2-Trichloroethane	10.833	97	73211	22.267	ug/l	96
56) Ethyl methacrylate	10.698	69	120072	22.718	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	126284	22.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	267836	114.495	ug/l	97
59) 2-Hexanone	11.022	43	503223	112.352	ug/l	89
60) Dibromochloromethane	11.174	129	74507	23.957	ug/l	96
61) 1,2-Dibromoethane	11.280	107	74163	22.742	ug/l	97
64) Tetrachloroethene	10.916	164	67628	25.927	ug/l	95
65) Chlorobenzene	11.704	112	182868	22.604	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	67634	22.005	ug/l	99
67) Ethyl Benzene	11.780	91	339679	23.660	ug/l	99
68) m/p-Xylenes	11.886	106	255213	45.516	ug/l	96
69) o-Xylene	12.216	106	129763	23.142	ug/l	97
70) Styrene	12.233	104	205891	22.925	ug/l	100
71) Bromoform	12.392	173	50562	21.858	ug/l #	99
73) Isopropylbenzene	12.516	105	333942	22.070	ug/l	99
74) N-amyl acetate	12.327	43	161068	20.612	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	108368	20.151	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	147230	31.207	ug/l	46
77) Bromobenzene	12.798	156	76079	21.163	ug/l	89
78) n-propylbenzene	12.857	91	371938	22.260	ug/l	98
79) 2-Chlorotoluene	12.945	91	230949	21.444	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	271647	21.912	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	36559	20.907	ug/l	92
82) 4-Chlorotoluene	13.039	91	221664	21.732	ug/l	98
83) tert-Butylbenzene	13.263	119	241108	21.300	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	267952	21.655	ug/l	98
85) sec-Butylbenzene	13.439	105	329399	21.695	ug/l	99
86) p-Isopropyltoluene	13.551	119	269422	21.981	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	134640	20.852	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	132447	20.325	ug/l	98
89) n-Butylbenzene	13.880	91	211966	21.100	ug/l	98
90) Hexachloroethane	14.145	117	50676	21.923	ug/l	84
91) 1,2-Dichlorobenzene	13.921	146	142758	21.283	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	26170	18.004	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	71738	19.453	ug/l	98
94) Hexachlorobutadiene	15.298	225	30577	19.100	ug/l	98
95) Naphthalene	15.427	128	283661	18.941	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	72293	18.299	ug/l	98

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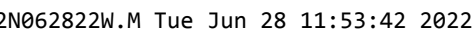
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

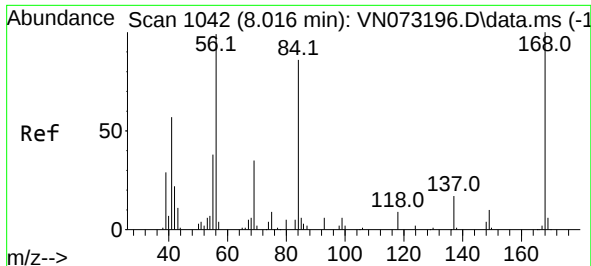
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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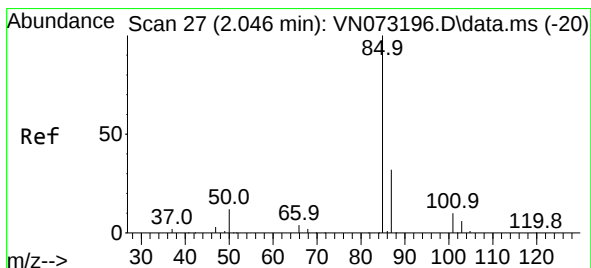
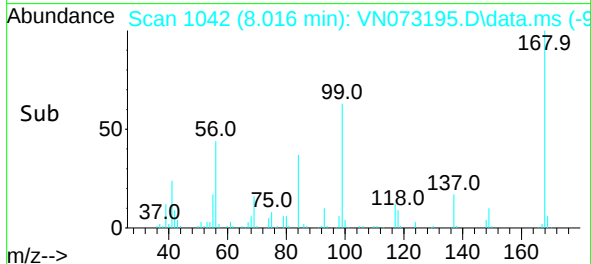
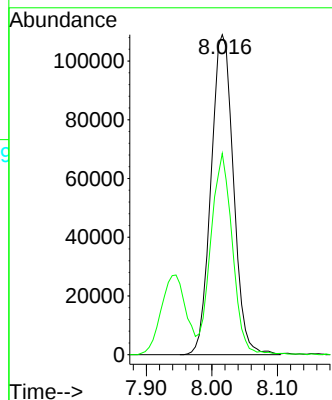
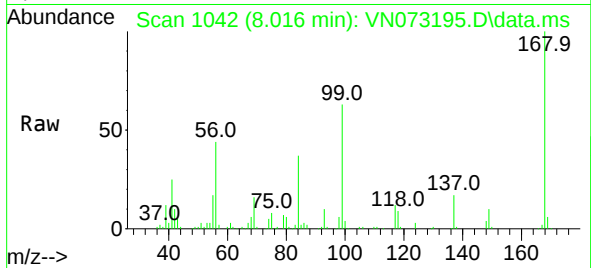




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073195.D
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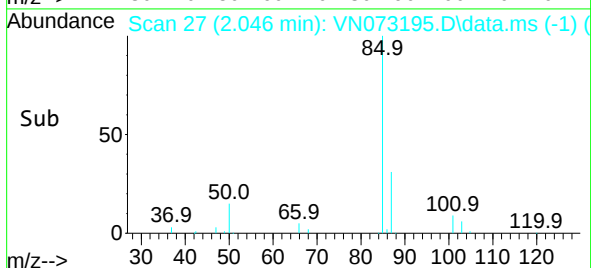
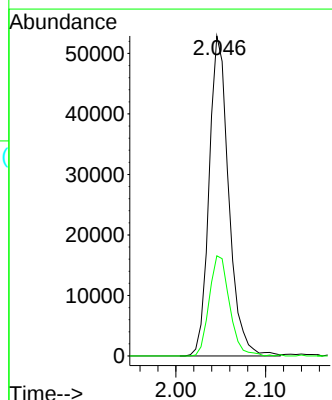
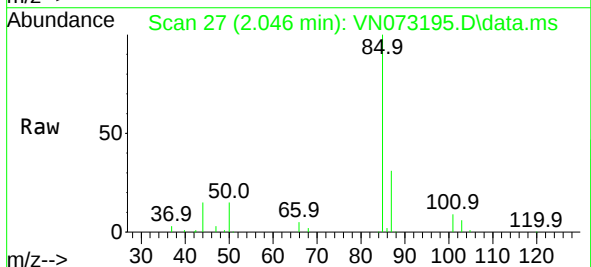
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 258568
Ion Ratio Lower Upper
168 100
99 62.5 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 29.637 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 85 Resp: 80312
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.1

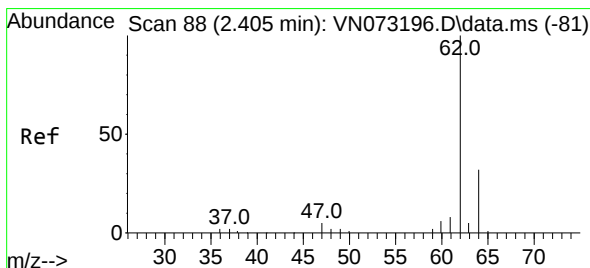
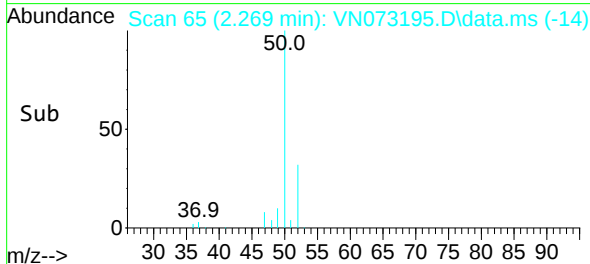
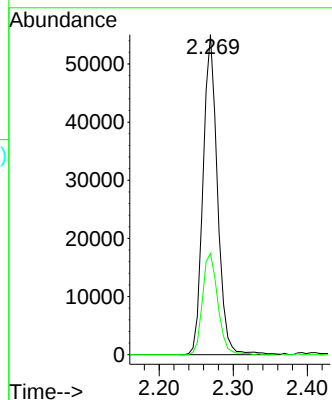
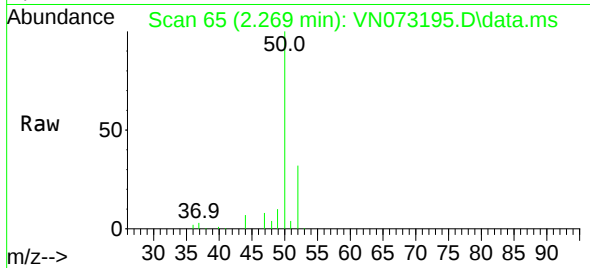




#3
Chloromethane
Concen: 25.081 ug/l
RT: 2.269 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

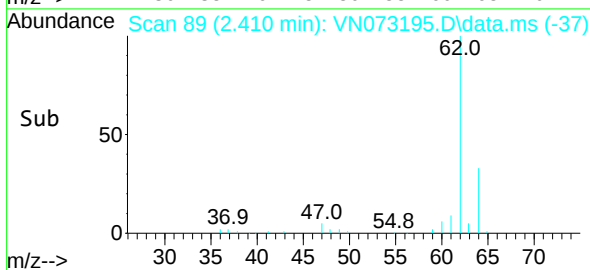
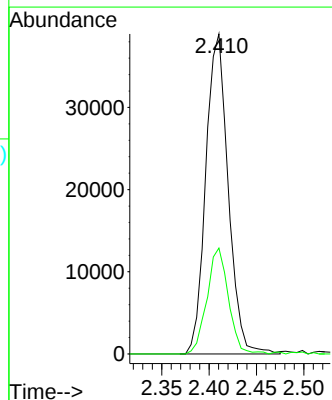
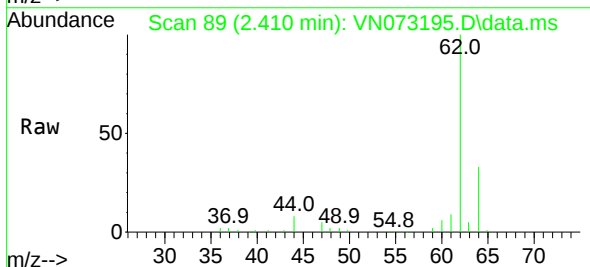
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ClientSampleId :
VSTDIC020

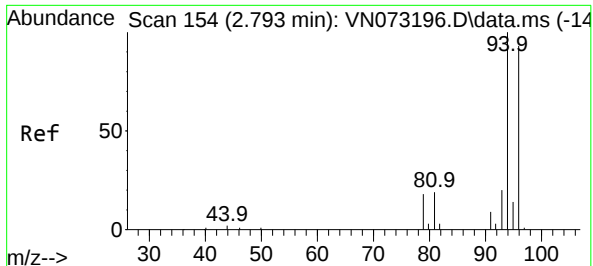
Tgt Ion: 50 Resp: 74309
Ion Ratio Lower Upper
50 100
52 31.6 25.7 38.5



#4
Vinyl Chloride
Concen: 27.015 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 62 Resp: 64012
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.4





#5

Bromomethane

Concen: 31.498 ug/l

RT: 2.810 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

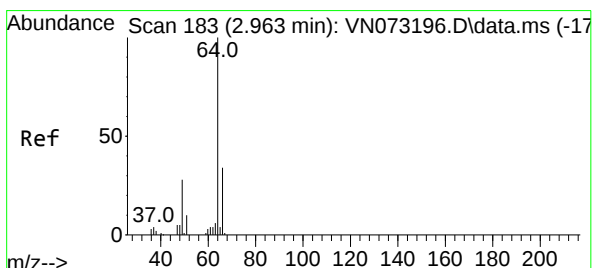
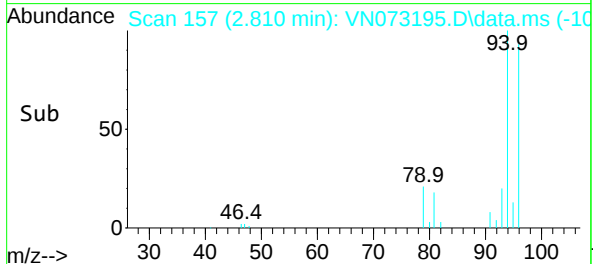
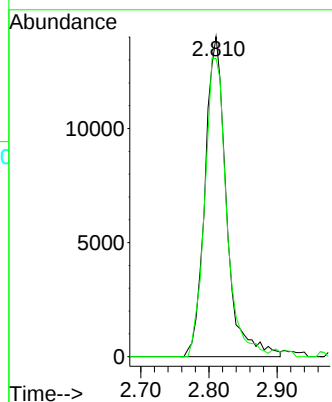
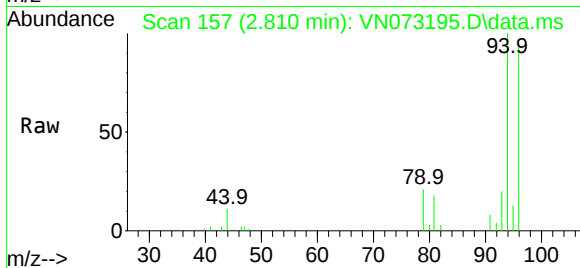
VSTDIC020

Tgt Ion: 94 Resp: 30695

Ion Ratio Lower Upper

94 100

96 93.1 76.0 114.0



#6

Chloroethane

Concen: 25.282 ug/l

RT: 2.975 min Scan# 185

Delta R.T. 0.012 min

Lab File: VN073195.D

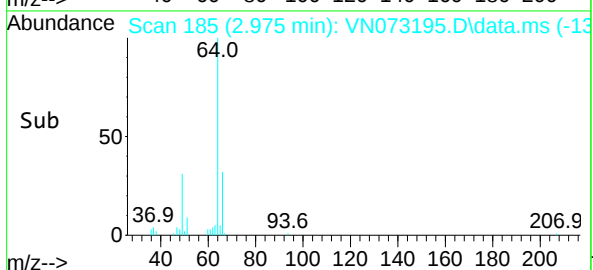
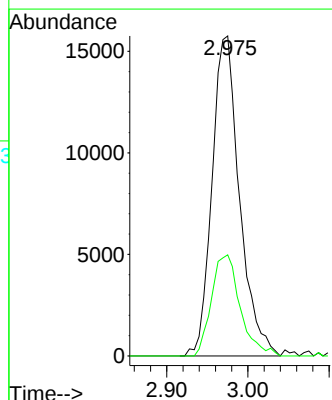
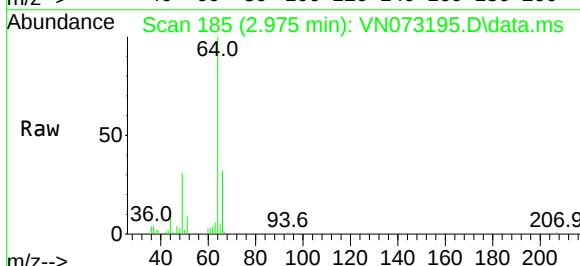
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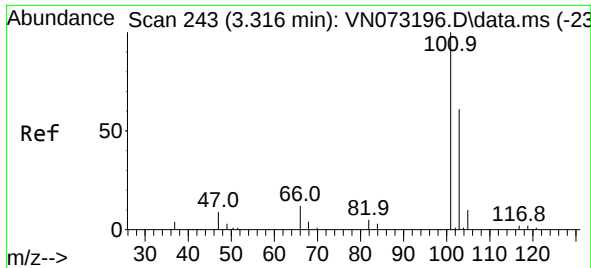
Tgt Ion: 64 Resp: 37039

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.4

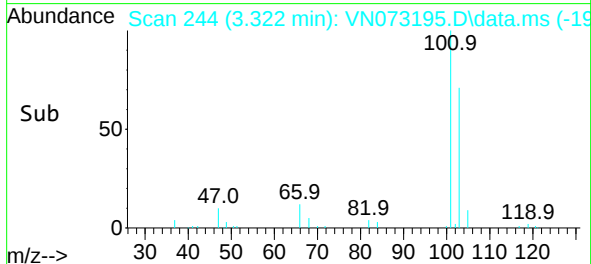
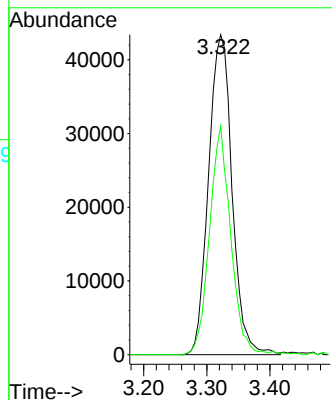
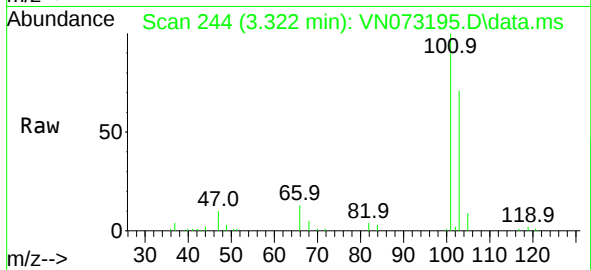




#7
Trichlorofluoromethane
Concen: 28.141 ug/l
RT: 3.322 min Scan# 243
Delta R.T. 0.006 min
Lab File: VN073195.D
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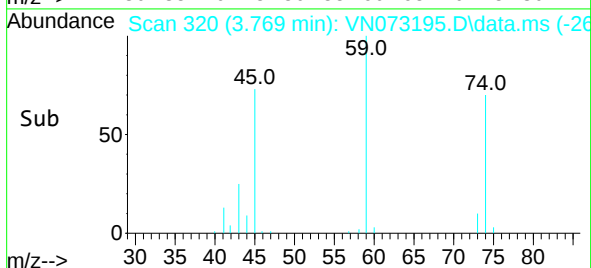
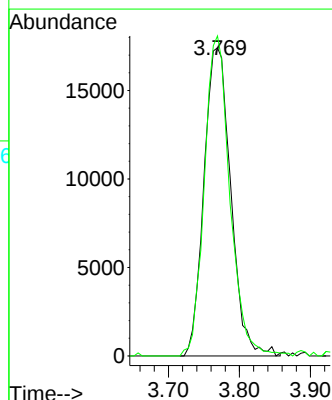
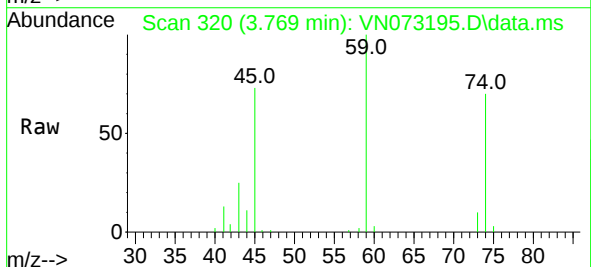
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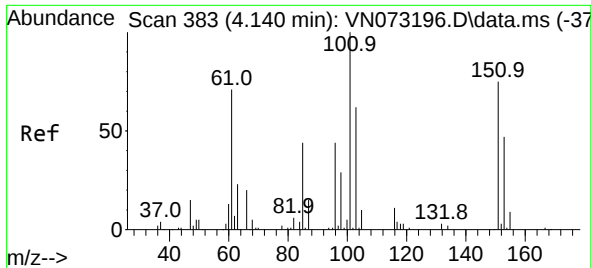
Tgt Ion:101 Resp: 112333
Ion Ratio Lower Upper
101 100
103 71.5 51.5 77.3



#8
Diethyl Ether
Concen: 23.685 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 74 Resp: 45714
Ion Ratio Lower Upper
74 100
45 98.9 42.9 128.5

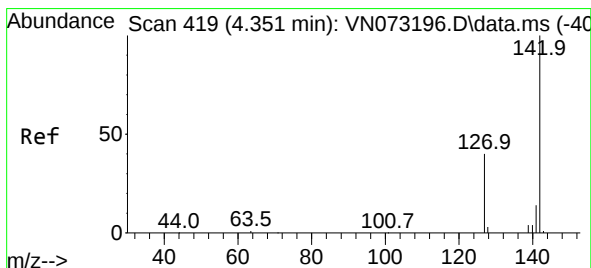
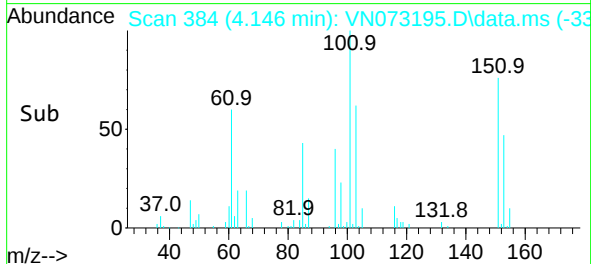
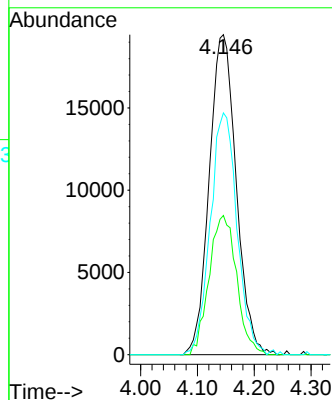
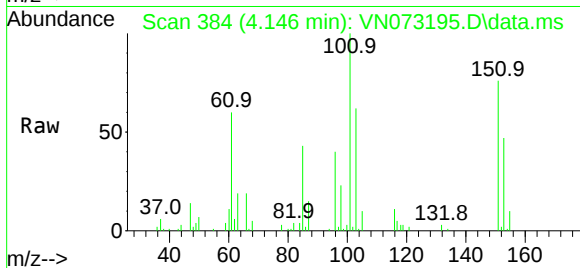




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.545 ug/l
RT: 4.146 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN073195.D
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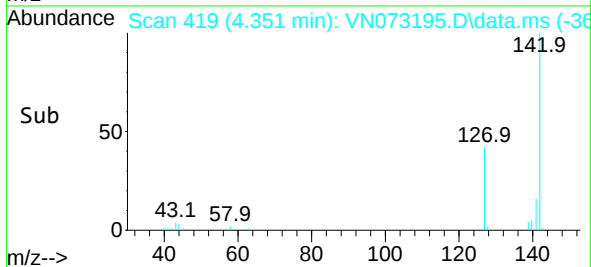
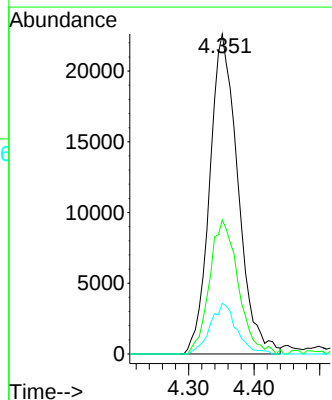
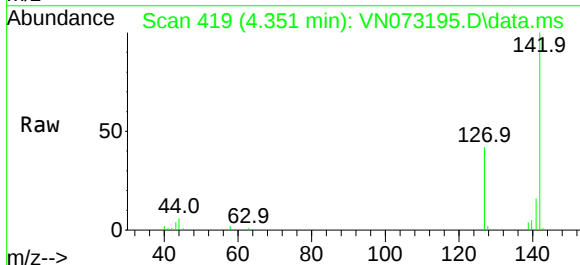
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 64210
Ion Ratio Lower Upper
101 100
85 44.3 34.7 52.1
151 74.8 63.0 94.4



#10
Methyl Iodide
Concen: 22.189 ug/l
RT: 4.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion:142 Resp: 67630
Ion Ratio Lower Upper
142 100
127 42.6 31.3 46.9
141 14.8 11.2 16.8

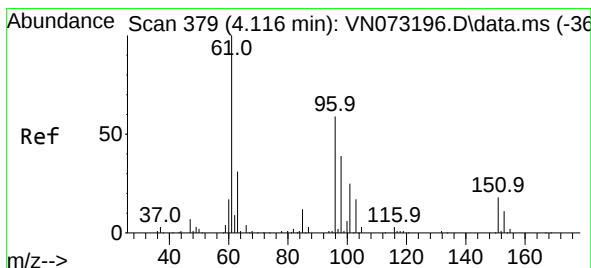
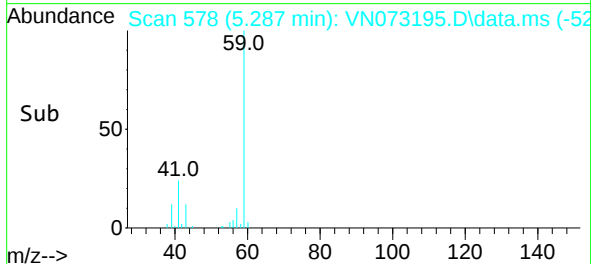
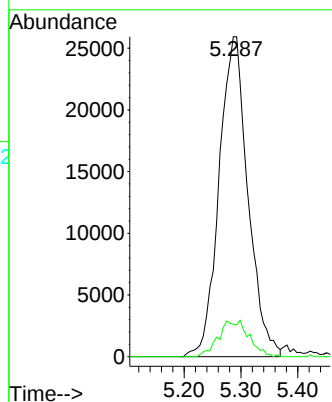
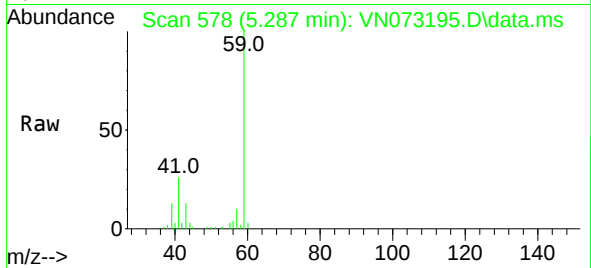




#11
Tert butyl alcohol
Concen: 99.670 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

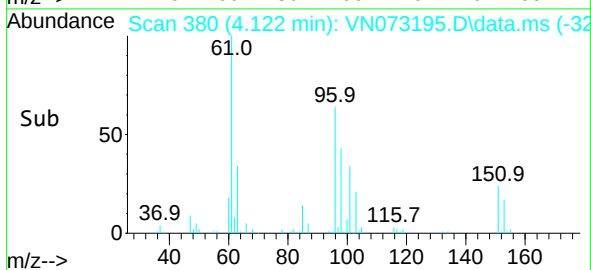
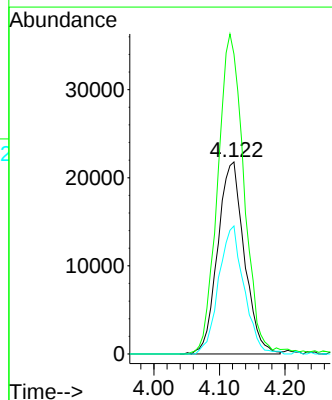
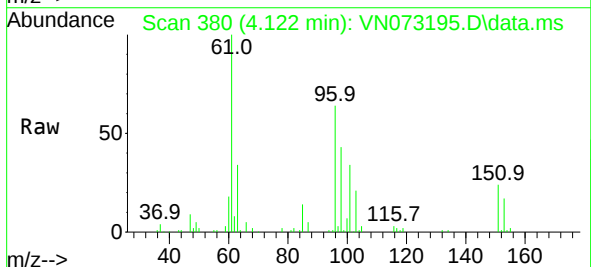
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 91576
Ion Ratio Lower Upper
59 100
57 11.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 23.731 ug/l
RT: 4.122 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 96 Resp: 61324
Ion Ratio Lower Upper
96 100
61 156.1 127.6 191.4
98 66.6 51.2 76.8

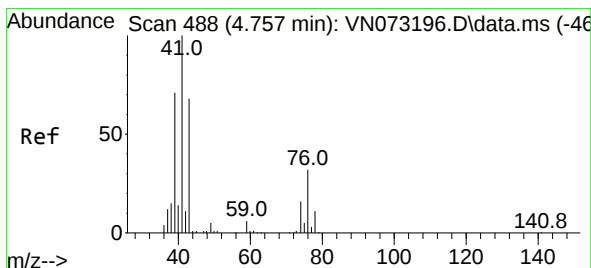
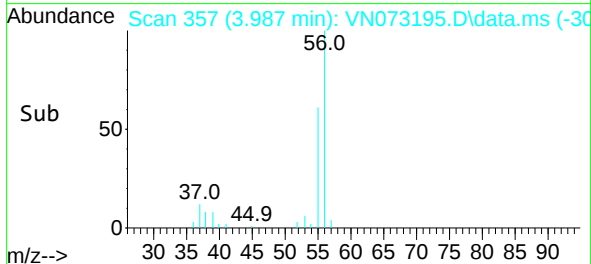
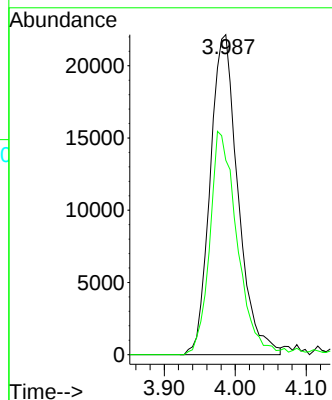
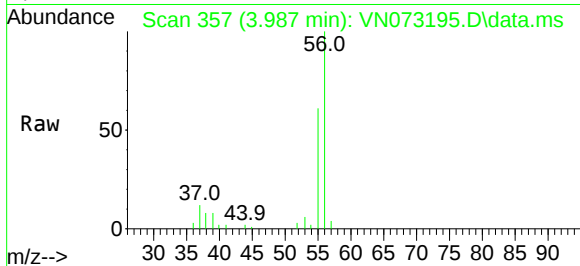




#13
Acrolein
Concen: 148.361 ug/l
RT: 3.987 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

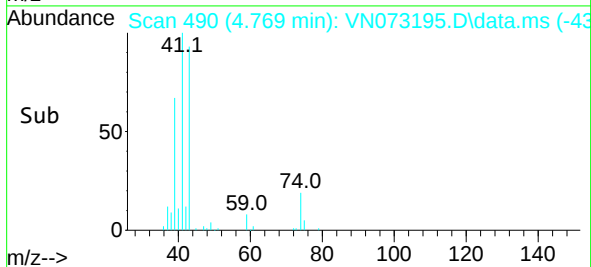
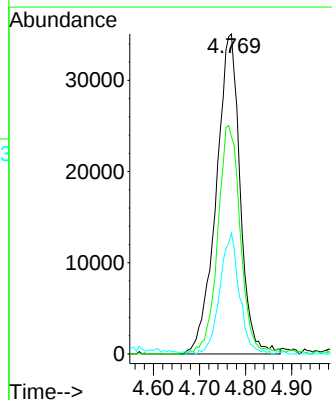
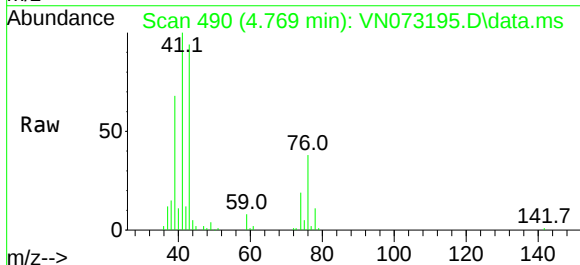
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 60356
Ion Ratio Lower Upper
56 100
55 68.6 54.8 82.2



#14
Allyl chloride
Concen: 22.875 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.012 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 41 Resp: 126369
Ion Ratio Lower Upper
41 100
39 67.3 53.2 79.8
76 30.8 29.9 44.9

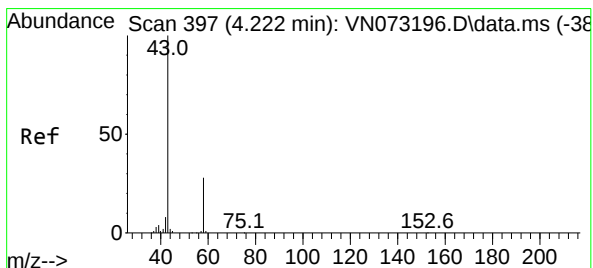
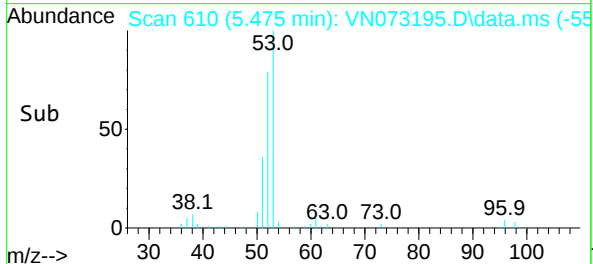
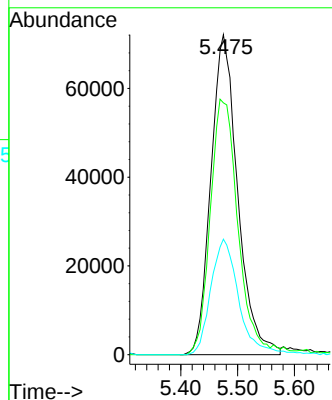
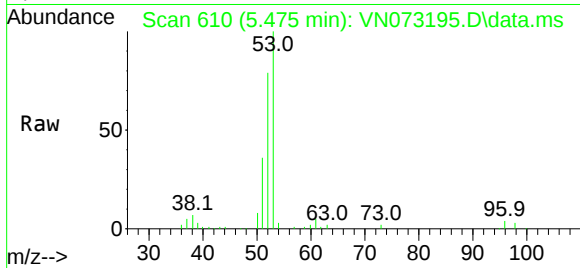




#15
Acrylonitrile
Concen: 110.102 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

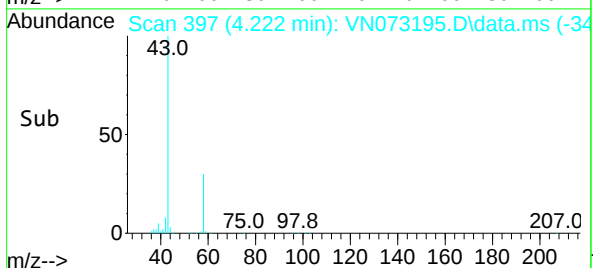
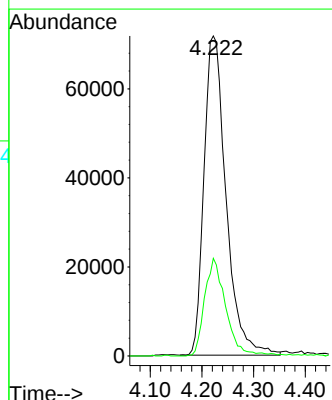
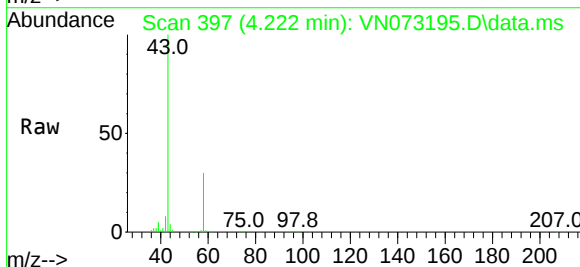
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

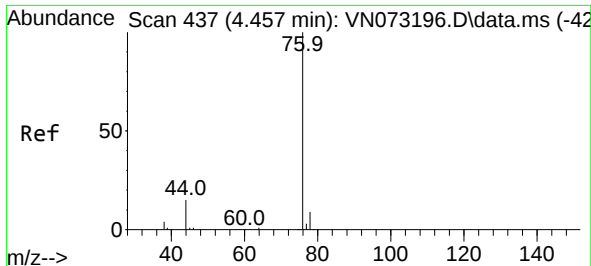
Tgt Ion: 53 Resp: 236590
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 37.9 28.5 42.7



#16
Acetone
Concen: 107.372 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 43 Resp: 212862
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0

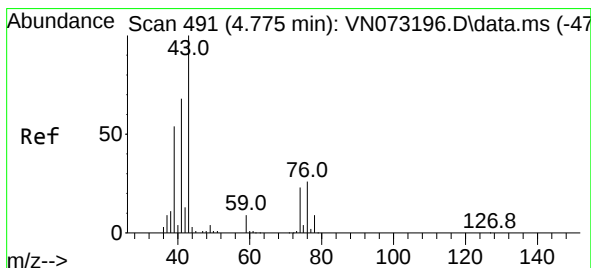
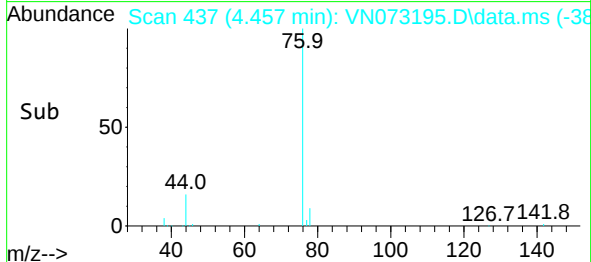
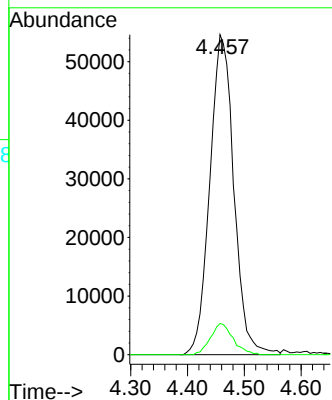
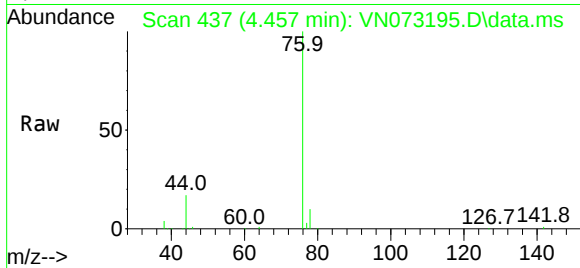




#17
Carbon Disulfide
Concen: 23.886 ug/l
RT: 4.457 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

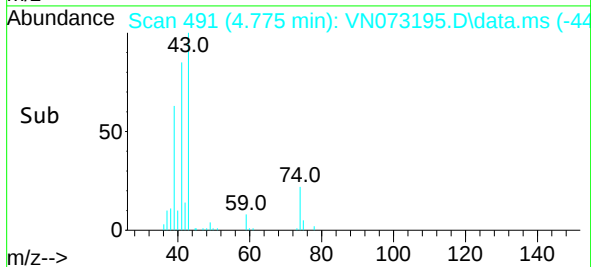
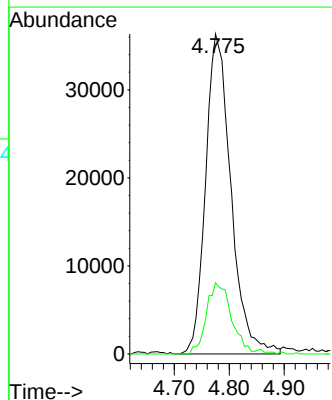
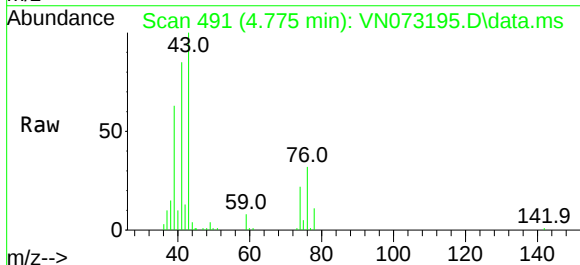
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

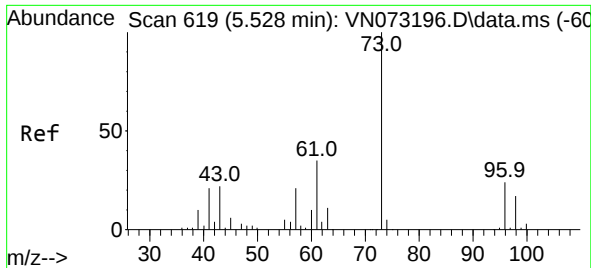
Tgt Ion: 76 Resp: 160283
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 21.925 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 43 Resp: 116317
Ion Ratio Lower Upper
43 100
74 21.8 21.6 32.4

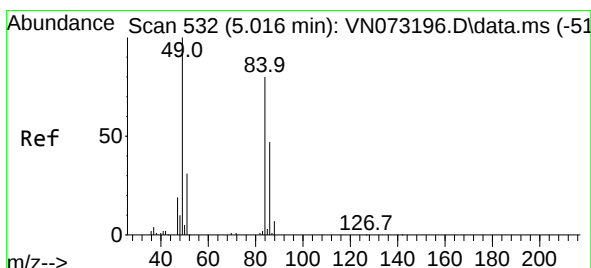
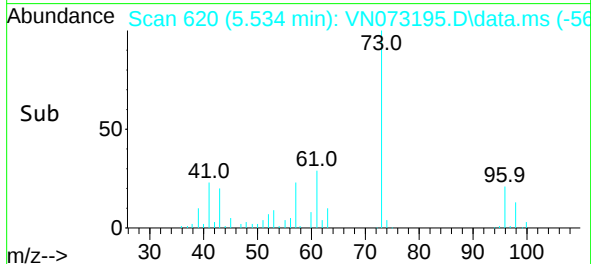
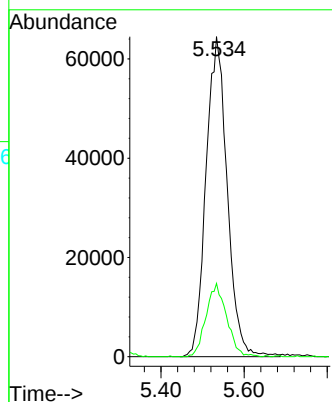
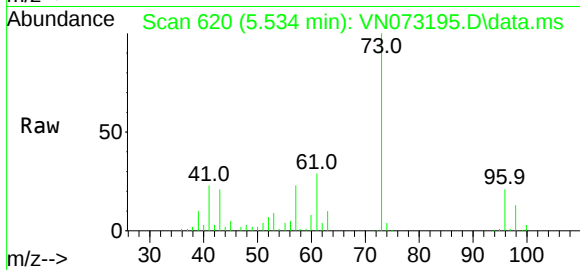




#19
Methyl tert-butyl Ether
Concen: 23.580 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

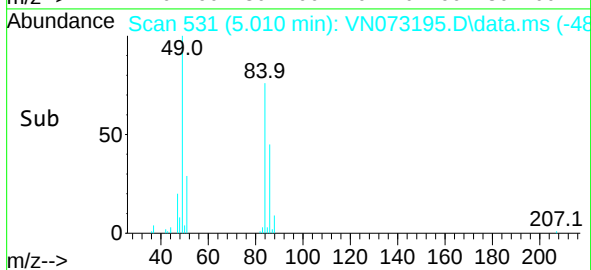
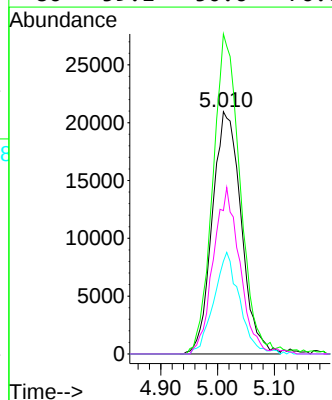
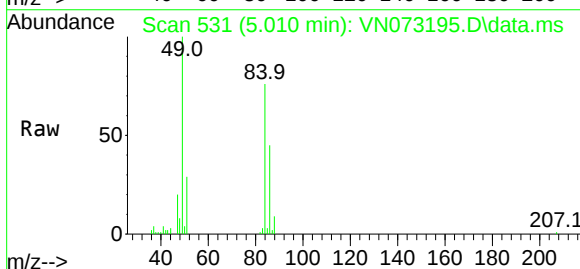
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 227704
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4



#20
Methylene Chloride
Concen: 21.953 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 84 Resp: 73902
Ion Ratio Lower Upper
84 100
49 132.1 88.3 132.5
51 38.2 28.2 42.2
86 59.1 50.6 76.0

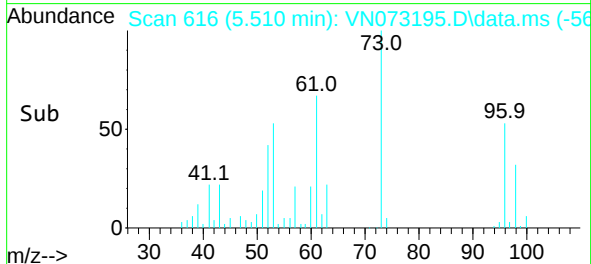
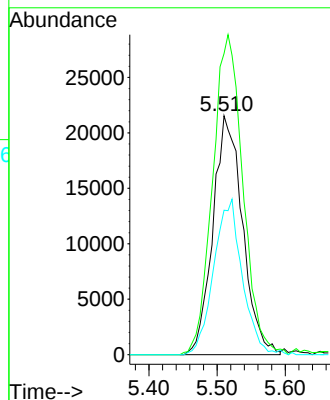
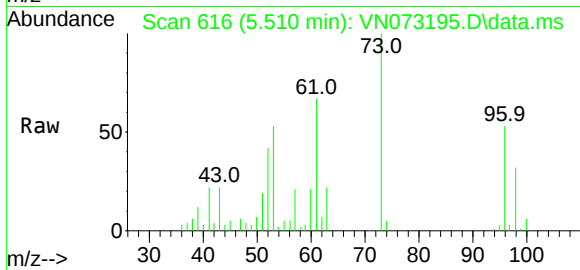




#21
trans-1,2-Dichloroethene
Concen: 23.300 ug/l
RT: 5.510 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

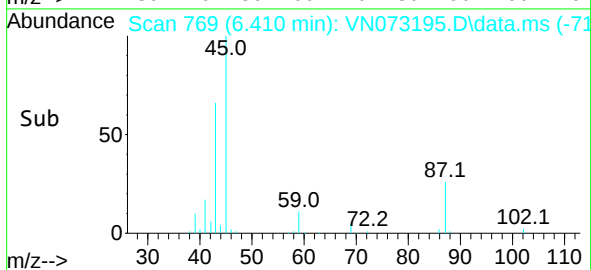
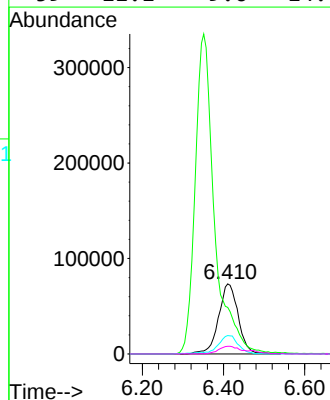
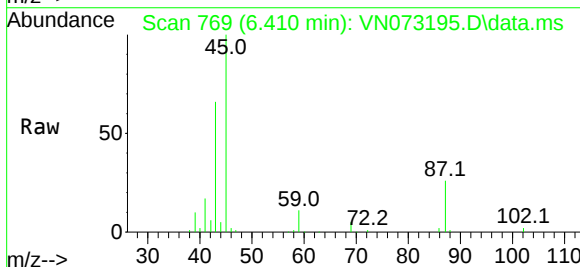
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 65179
Ion Ratio Lower Upper
96 100
61 126.1 105.8 158.8
98 60.5 50.3 75.5



#22
Diisopropyl ether
Concen: 24.098 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 45 Resp: 247473
Ion Ratio Lower Upper
45 100
43 64.3 46.6 70.0
87 26.2 24.3 36.5
59 11.1 9.6 14.4

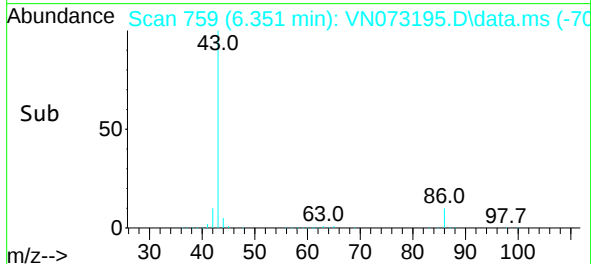
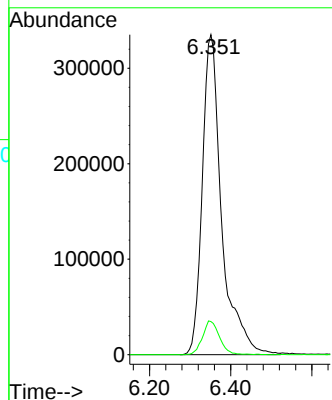
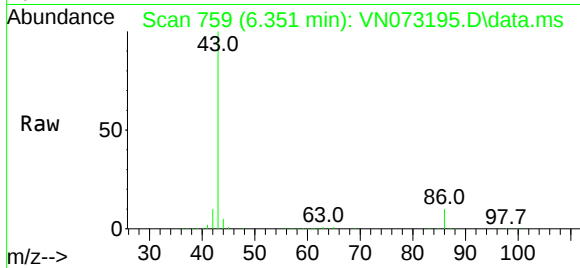




#23
 Vinyl Acetate
 Concen: 117.189 ug/l
 RT: 6.351 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VN073195.D
 Acq: 28 Jun 2022 10:58

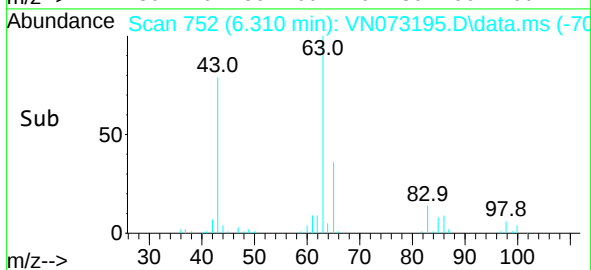
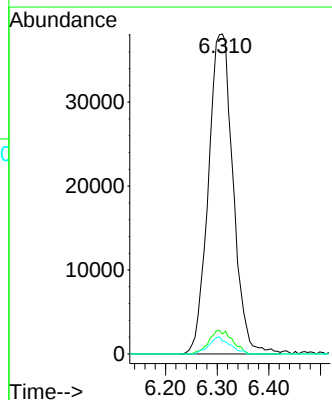
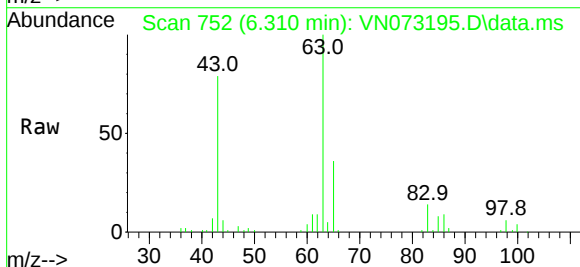
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

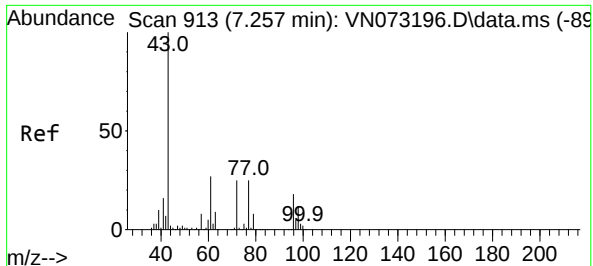
Tgt Ion: 43 Resp: 1110052
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 23.556 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: VN073195.D
 Acq: 28 Jun 2022 10:58

Tgt Ion: 63 Resp: 126720
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.1 2.3 6.8

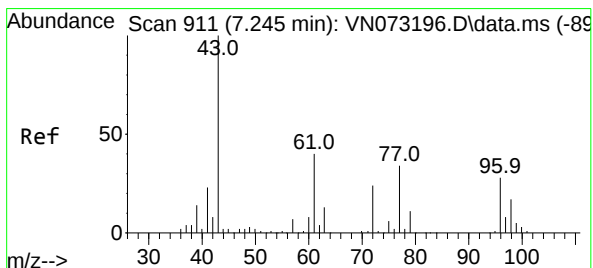
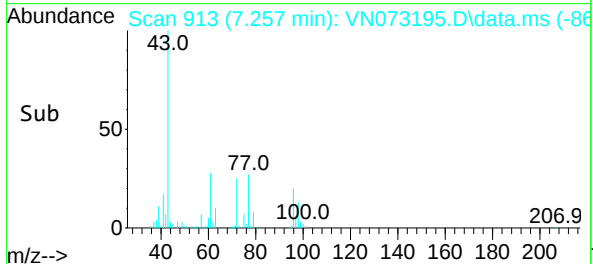
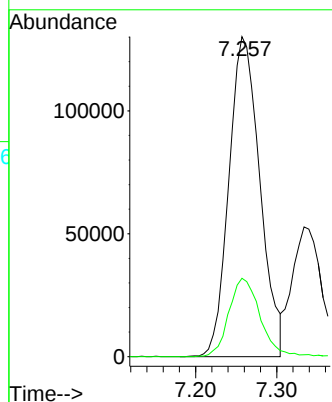
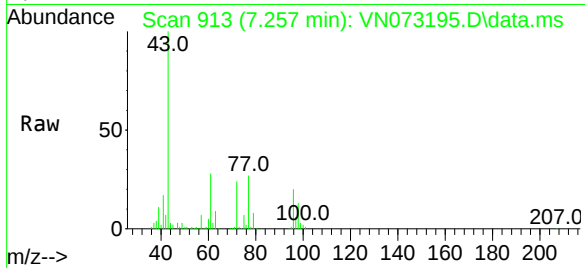




#25
2-Butanone
Concen: 110.061 ug/l
RT: 7.257 min Scan# 910
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

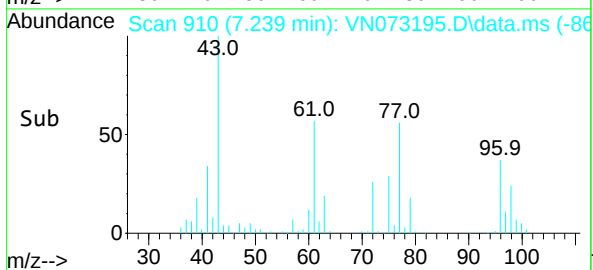
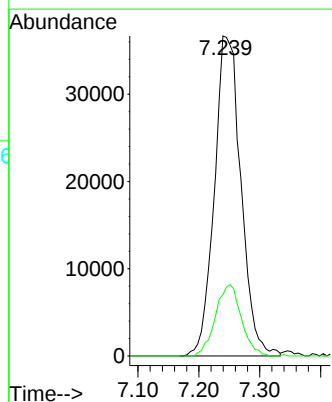
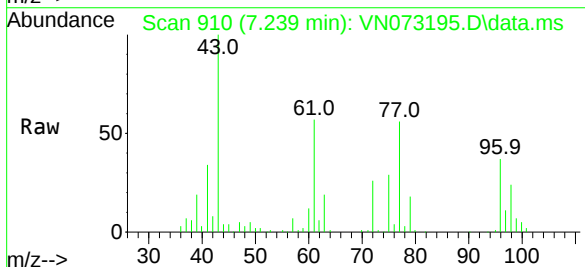
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

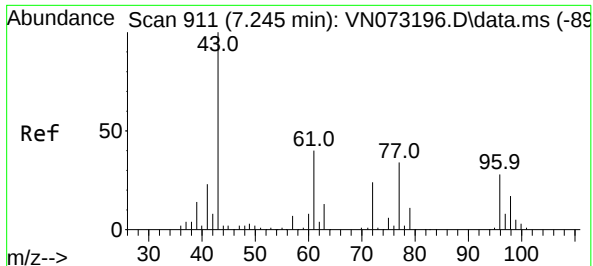
Tgt Ion: 43 Resp: 346101
Ion Ratio Lower Upper
43 100
72 24.5 23.7 35.5



#26
2,2-Dichloropropane
Concen: 22.990 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 77 Resp: 111132
Ion Ratio Lower Upper
77 100
97 21.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 23.731 ug/l

RT: 7.251 min Scan# 911

Delta R.T. 0.006 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

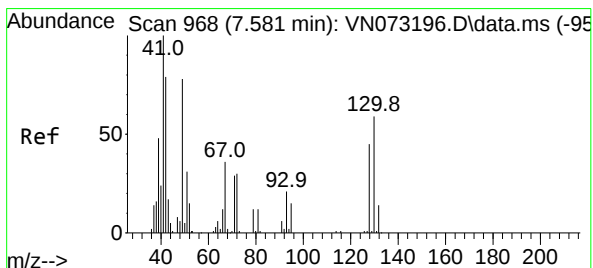
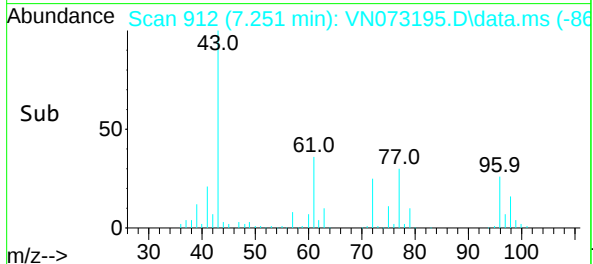
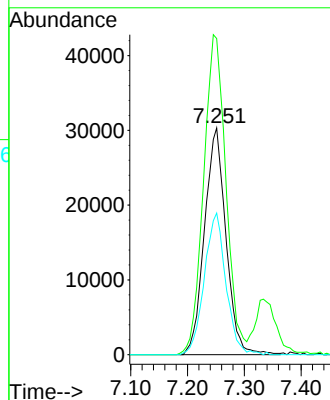
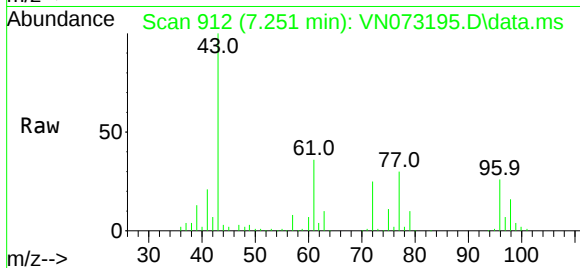
Tgt Ion: 96 Resp: 79742

Ion Ratio Lower Upper

96 100

61 146.5 0.0 280.6

98 62.7 0.0 128.4



#28

Bromochloromethane

Concen: 25.088 ug/l

RT: 7.586 min Scan# 969

Delta R.T. 0.006 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

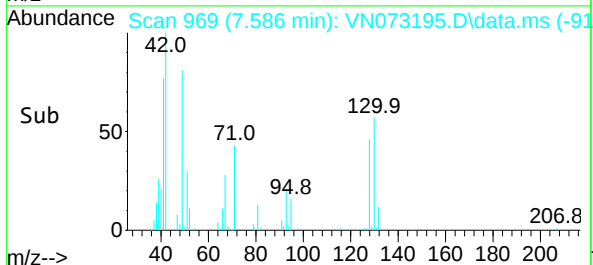
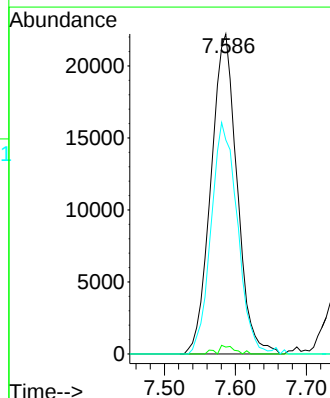
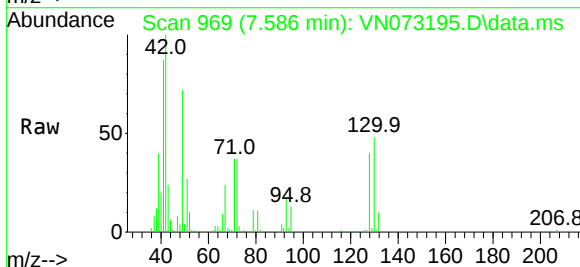
Tgt Ion: 49 Resp: 56715

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 72.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 111.567 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

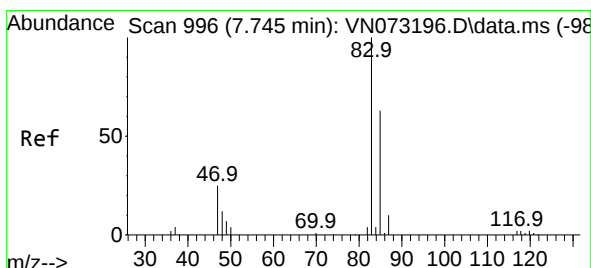
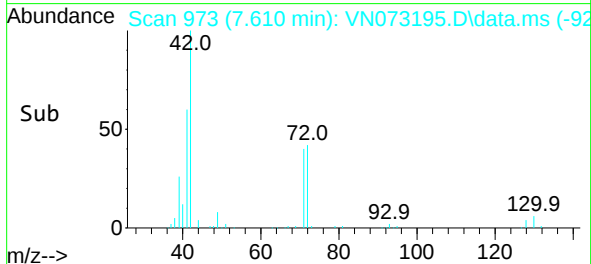
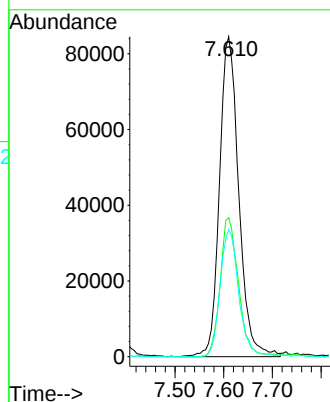
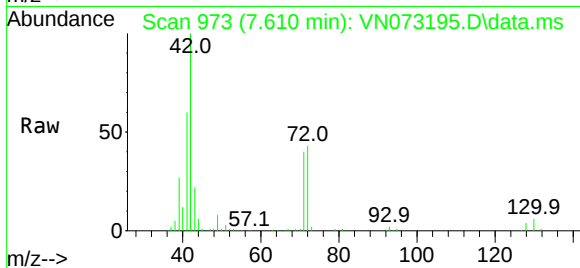
Tgt Ion: 42 Resp: 232742

Ion Ratio Lower Upper

42 100

72 41.3 39.7 59.5

71 38.2 36.6 55.0



#30

Chloroform

Concen: 23.674 ug/l

RT: 7.745 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN073195.D

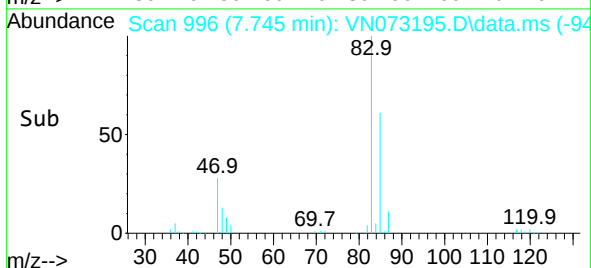
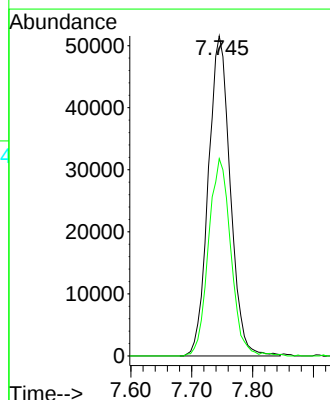
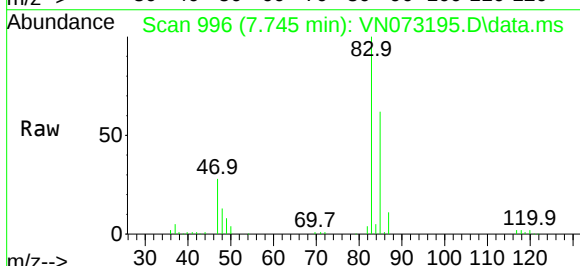
Acq: 28 Jun 2022 10:58

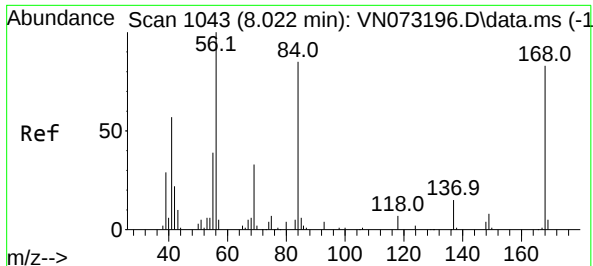
Tgt Ion: 83 Resp: 128935

Ion Ratio Lower Upper

83 100

85 61.6 51.8 77.8





#31

Cyclohexane

Concen: 24.288 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

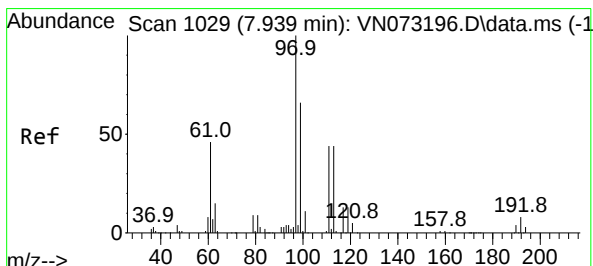
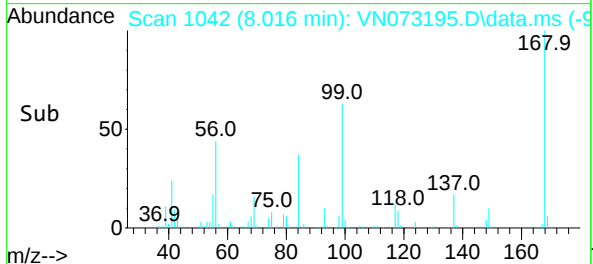
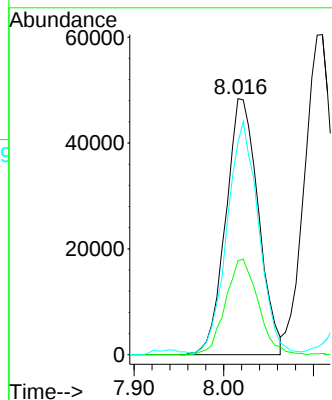
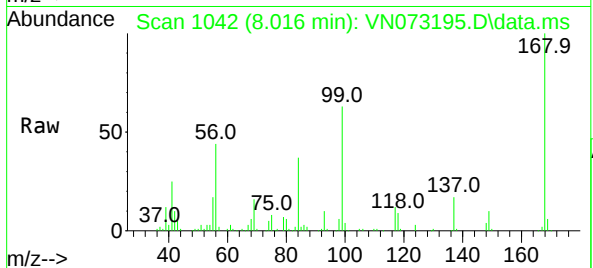
Tgt Ion: 56 Resp: 122264

Ion Ratio Lower Upper

56 100

69 36.7 27.8 41.8

84 81.7 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 24.101 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

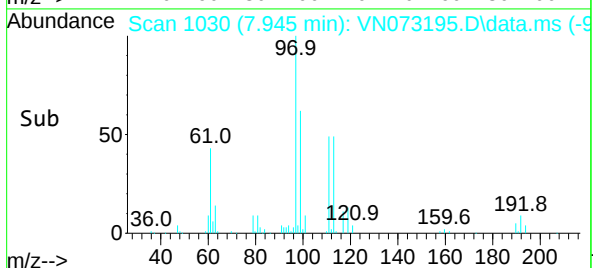
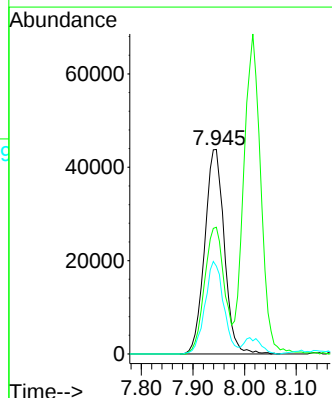
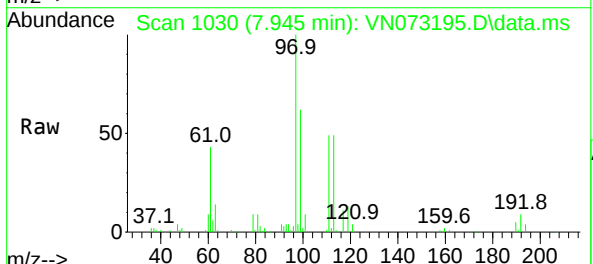
Tgt Ion: 97 Resp: 115572

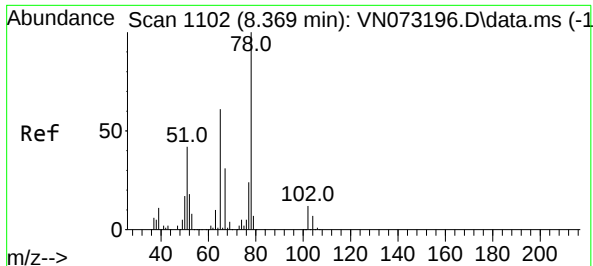
Ion Ratio Lower Upper

97 100

99 62.0 50.6 76.0

61 43.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 19.404 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

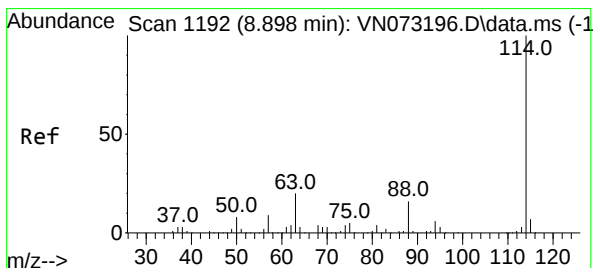
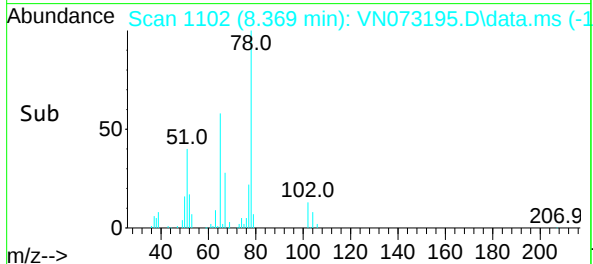
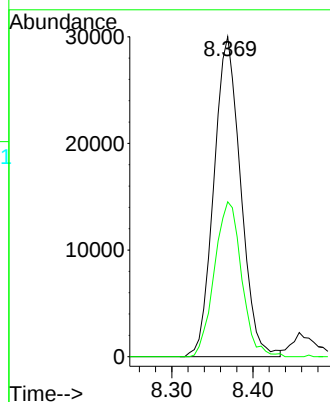
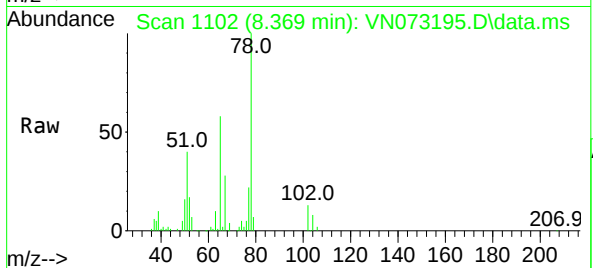
VSTDIC020

Tgt Ion: 65 Resp: 68636

Ion Ratio Lower Upper

65 100

67 49.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

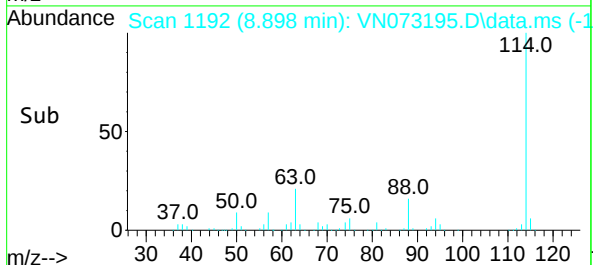
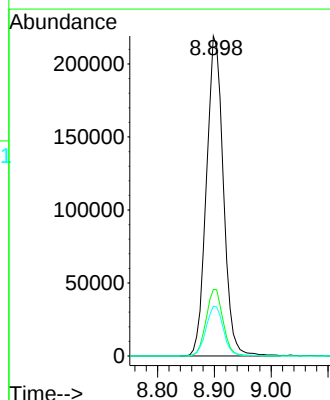
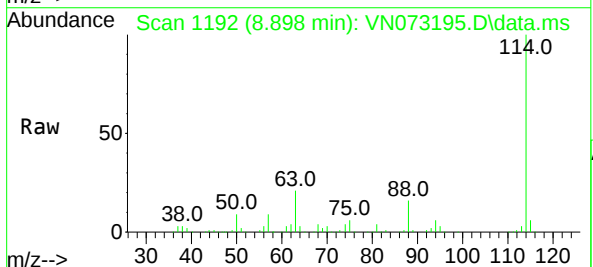
Tgt Ion: 114 Resp: 452542

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 19.011 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

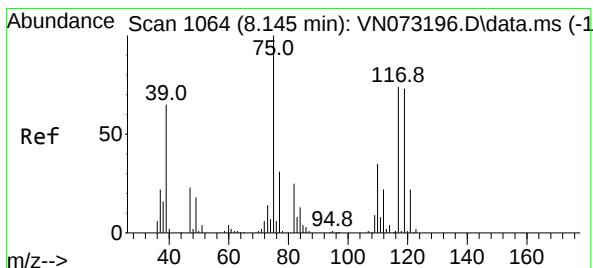
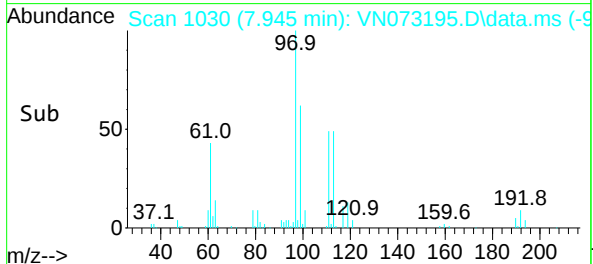
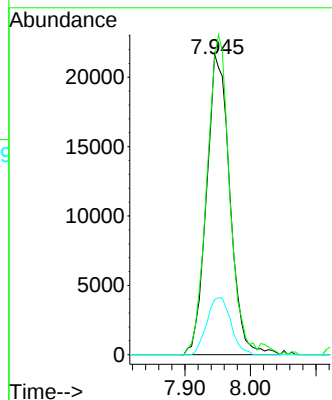
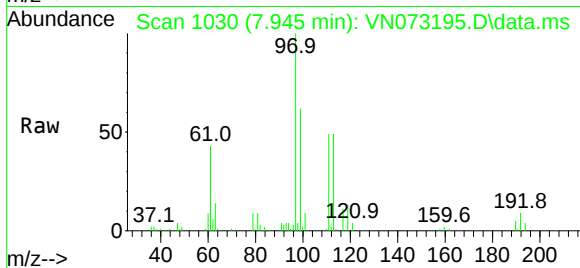
Tgt Ion:113 Resp: 53647

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 19.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 23.693 ug/l

RT: 8.145 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

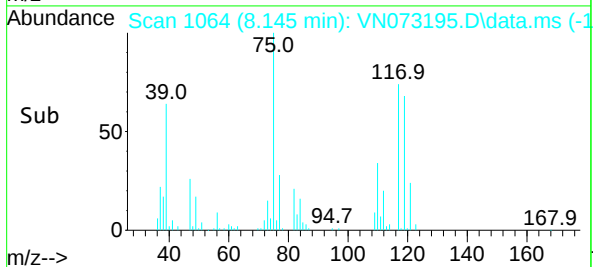
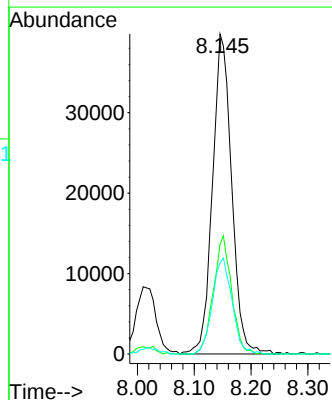
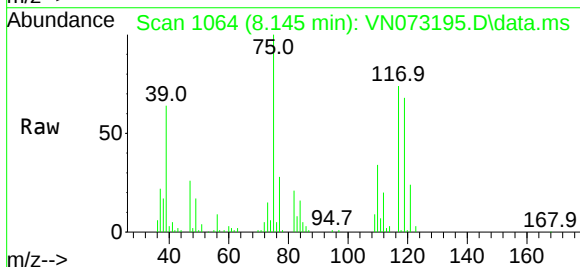
Tgt Ion: 75 Resp: 93151

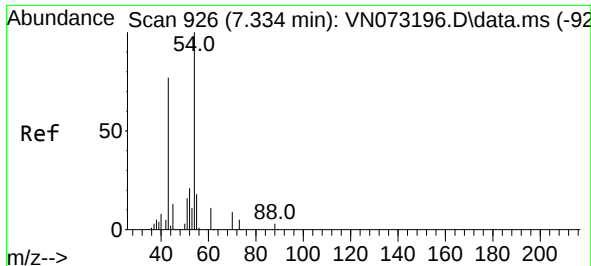
Ion Ratio Lower Upper

75 100

110 35.0 18.3 54.8

77 30.7 25.1 37.7

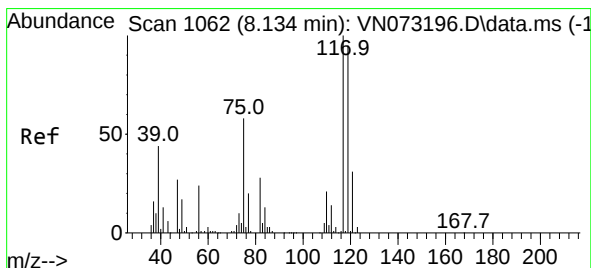
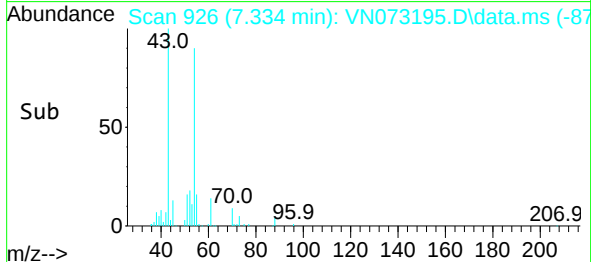
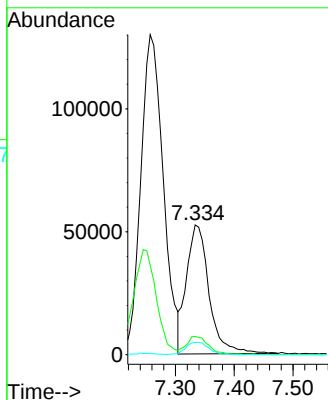
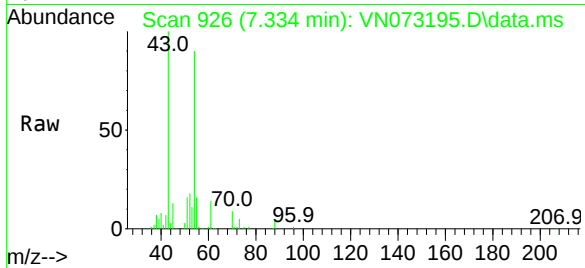




#37
Ethyl Acetate
Concen: 22.473 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

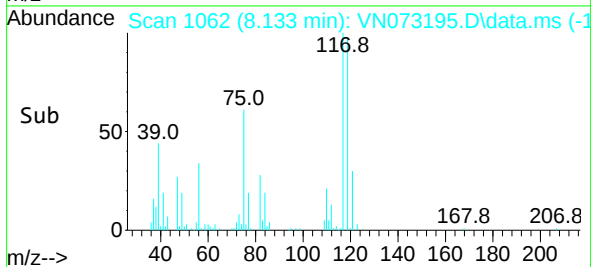
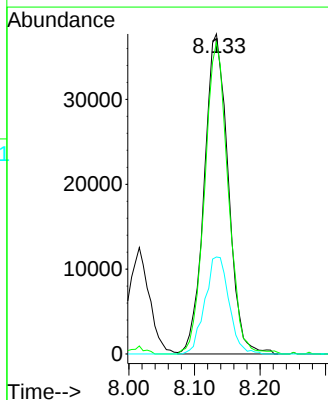
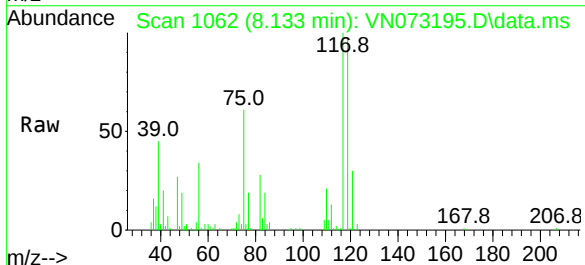
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 140245
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.6
70 9.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 23.272 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 117 Resp: 95734
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
121 30.3 24.6 37.0





#39

Methylcyclohexane

Concen: 24.404 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

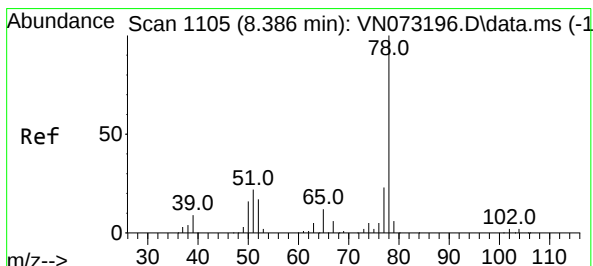
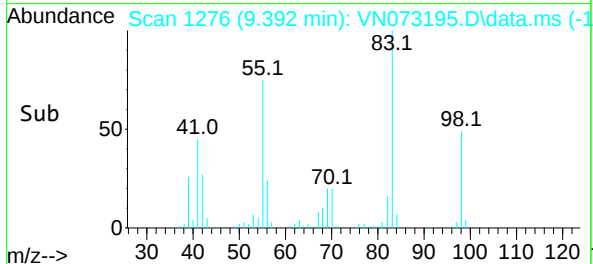
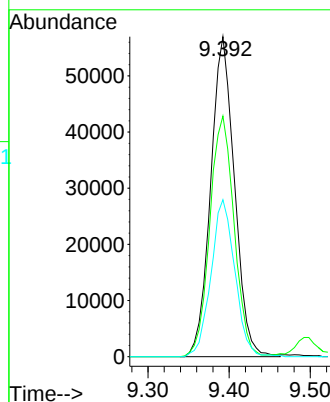
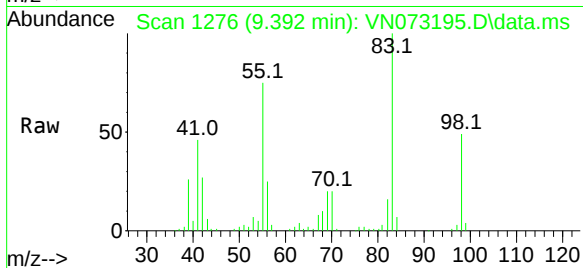
Tgt Ion: 83 Resp: 116162

Ion Ratio Lower Upper

83 100

55 75.2 57.8 86.8

98 49.1 39.4 59.2



#40

Benzene

Concen: 23.750 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN073195.D

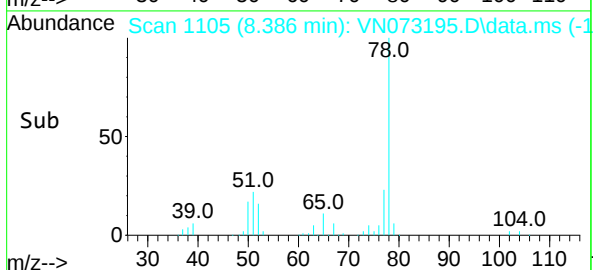
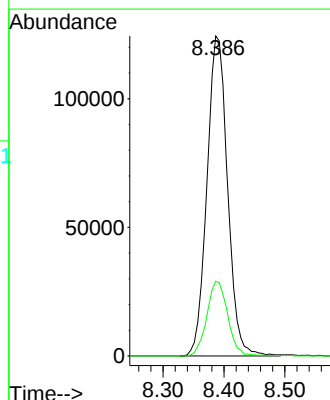
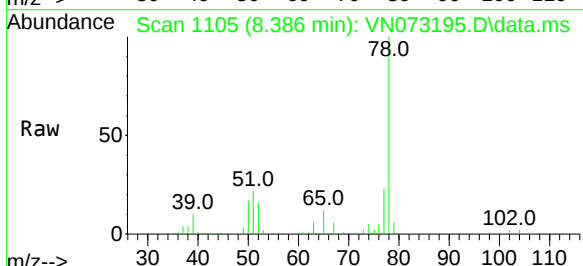
Acq: 28 Jun 2022 10:58

Tgt Ion: 78 Resp: 292327

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

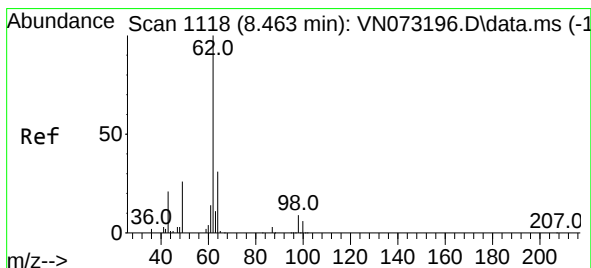
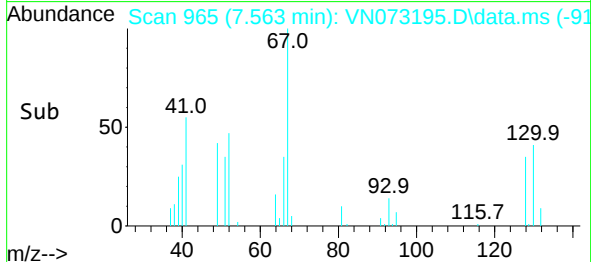
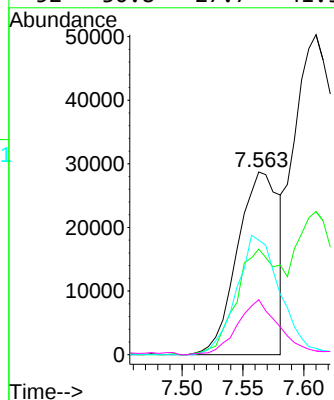
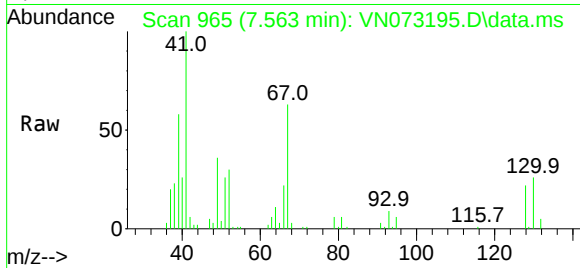




#41
Methacrylonitrile
Concen: 23.234 ug/l
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

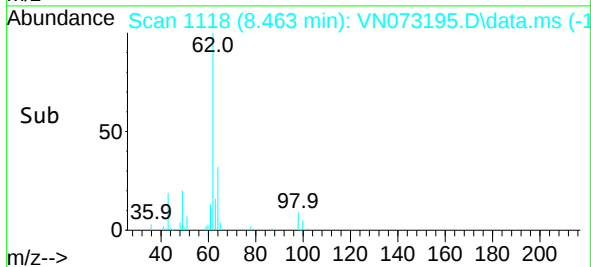
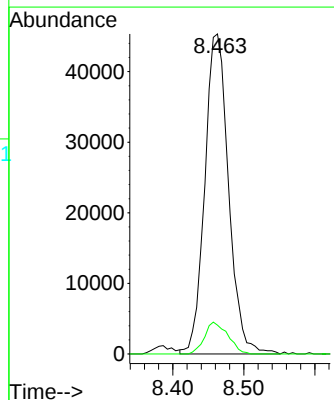
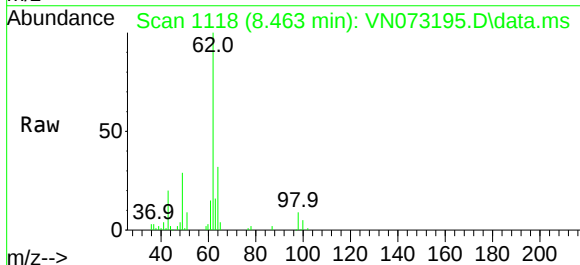
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:	41	Resp:	68196
Ion	Ratio	Lower	Upper
41	100		
39	63.9	48.6	73.0
67	69.8	73.4	110.2#
52	30.8	27.7	41.5



#42
1,2-Dichloroethane
Concen: 24.078 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion:	62	Resp:	105555
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4

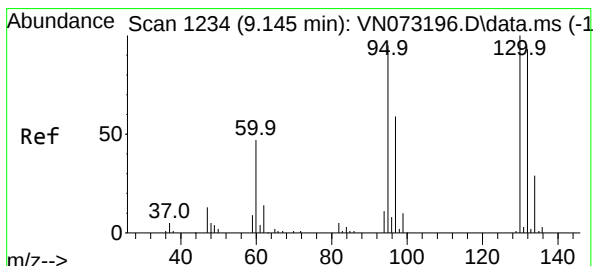
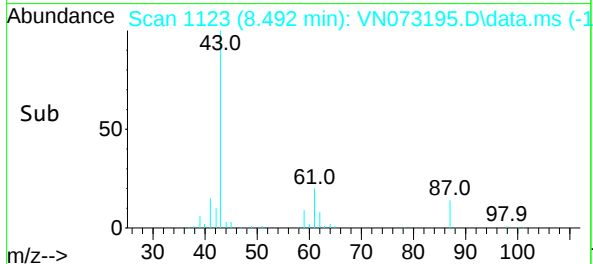
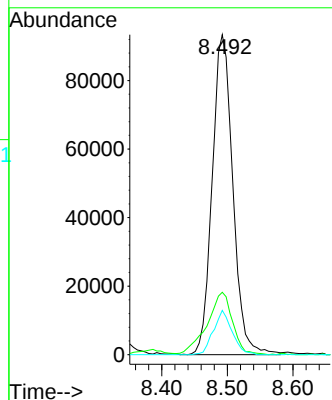
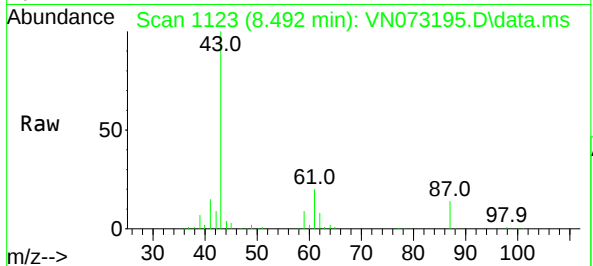




#43
Isopropyl Acetate
Concen: 22.910 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

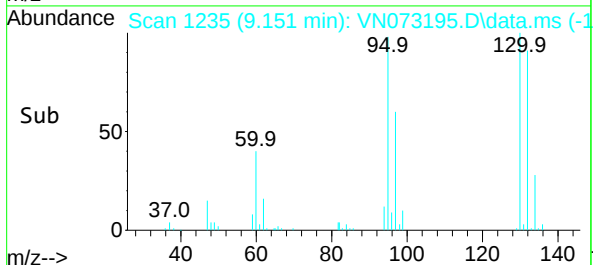
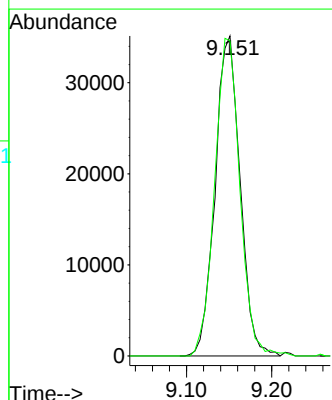
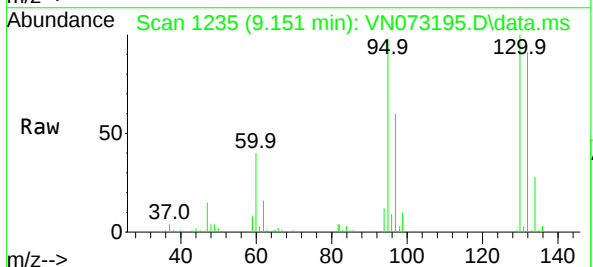
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 204311
Ion Ratio Lower Upper
43 100
61 24.1 21.9 32.9
87 12.5 12.0 18.0



#44
Trichloroethene
Concen: 22.873 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion:130 Resp: 71639
Ion Ratio Lower Upper
130 100
95 98.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 23.347 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

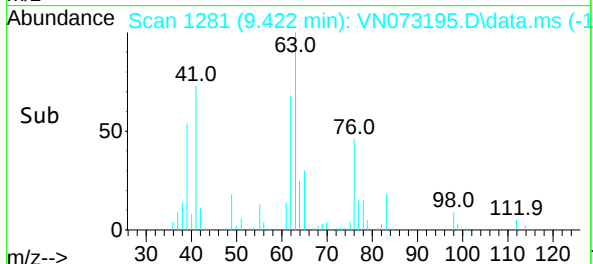
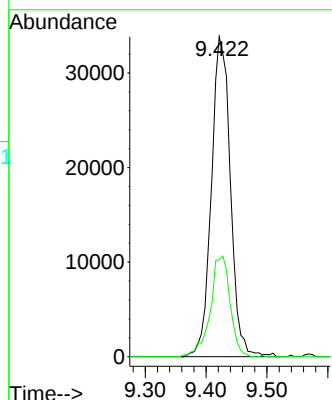
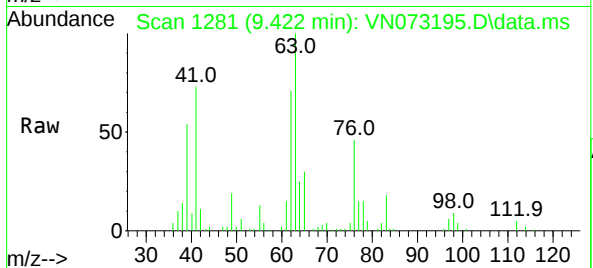
VSTDIC020

Tgt Ion: 63 Resp: 73598

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 22.817 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

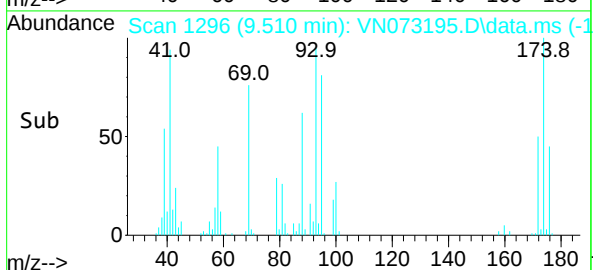
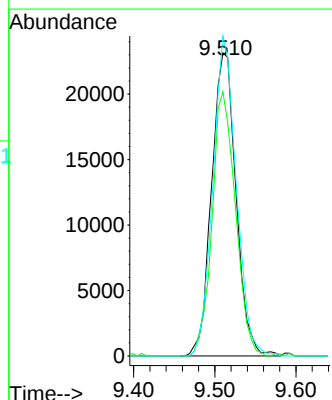
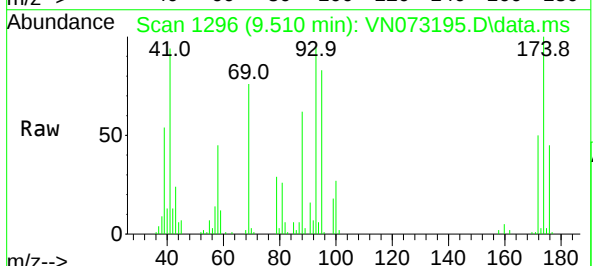
Tgt Ion: 93 Resp: 48386

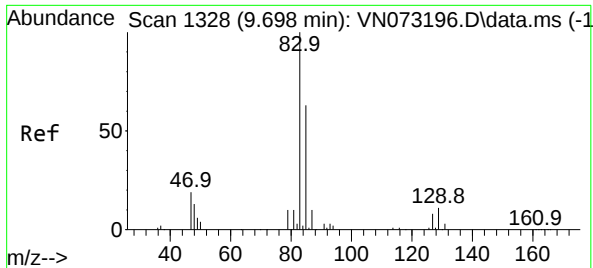
Ion Ratio Lower Upper

93 100

95 83.5 66.9 100.3

174 101.1 86.6 130.0

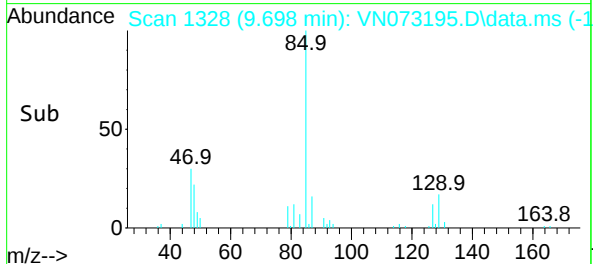
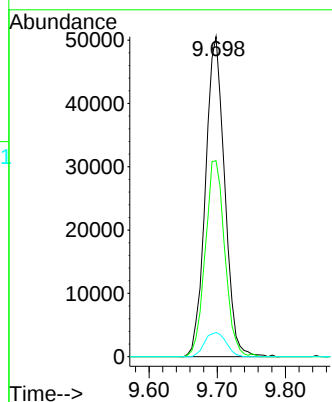
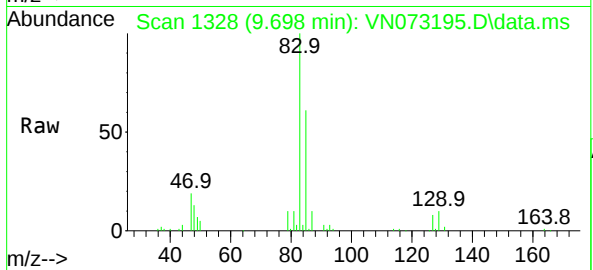




#47
Bromodichloromethane
Concen: 23.396 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

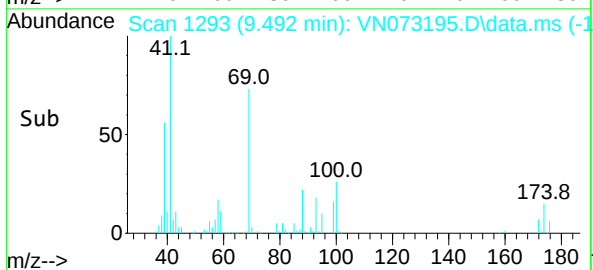
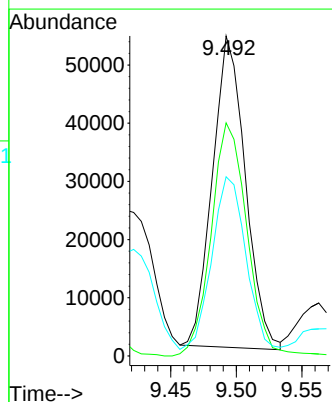
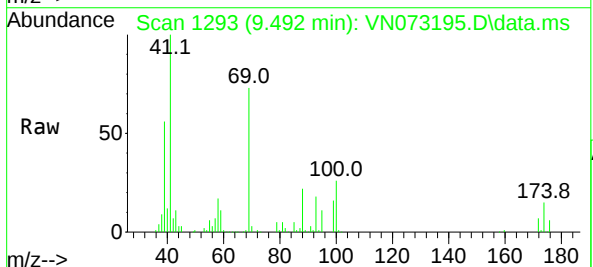
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 98720
Ion Ratio Lower Upper
83 100
85 61.3 50.5 75.7
127 7.6 6.8 10.2



#48
Methyl methacrylate
Concen: 22.636 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 41 Resp: 93362
Ion Ratio Lower Upper
41 100
69 81.6 74.7 112.1
39 62.2 45.6 68.4

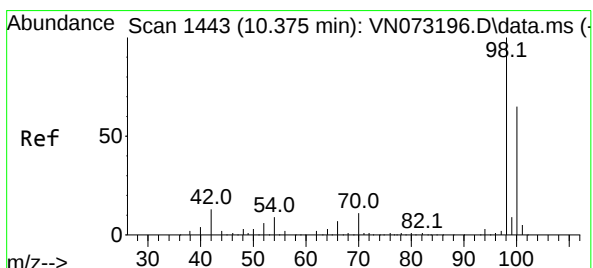
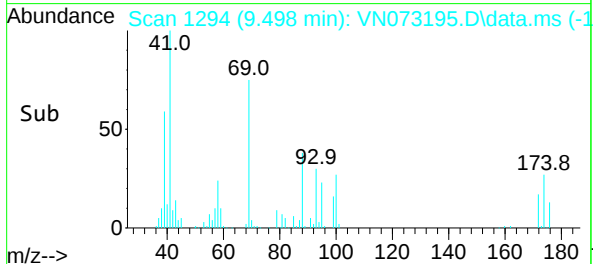
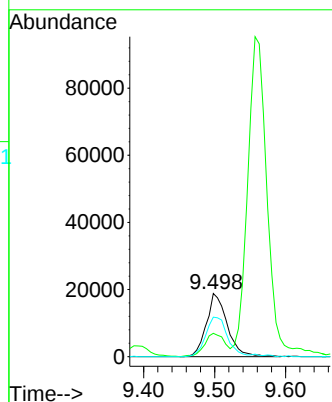
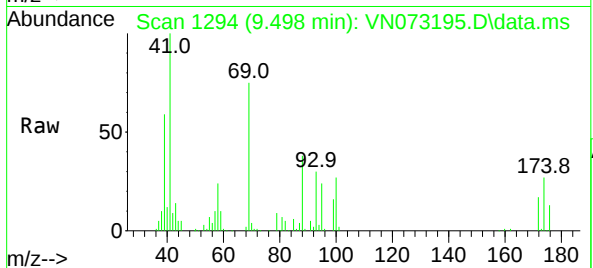




#49
1,4-Dioxane
Concen: 426.835 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

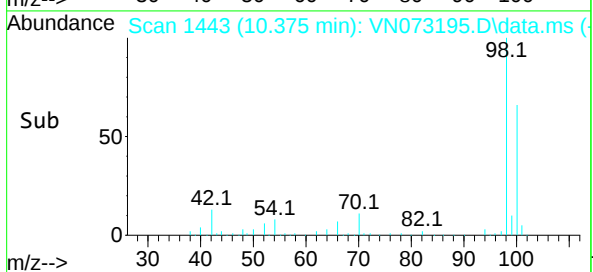
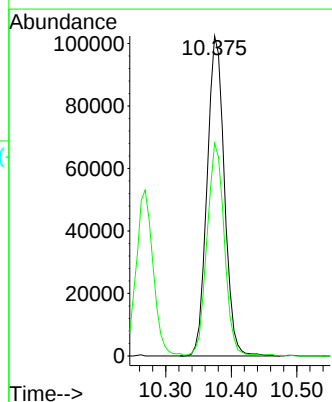
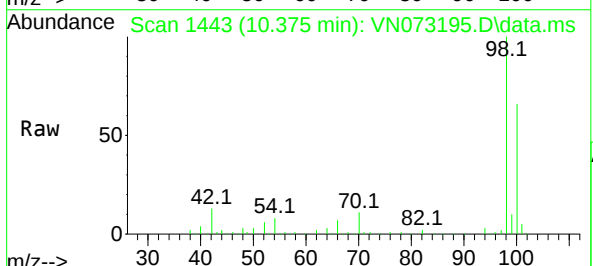
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

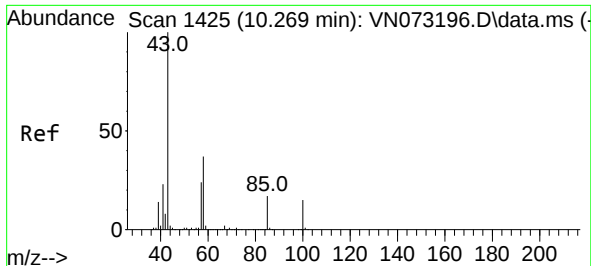
Tgt Ion: 88 Resp: 38463
Ion Ratio Lower Upper
88 100
43 35.9 20.2 30.4#
58 67.9 54.2 81.4



#50
Toluene-d8
Concen: 18.107 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 98 Resp: 187827
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

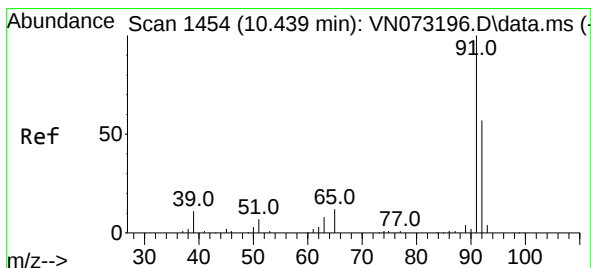
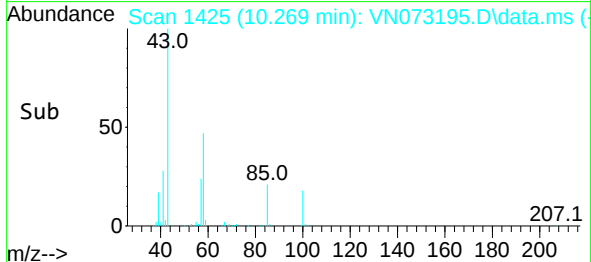
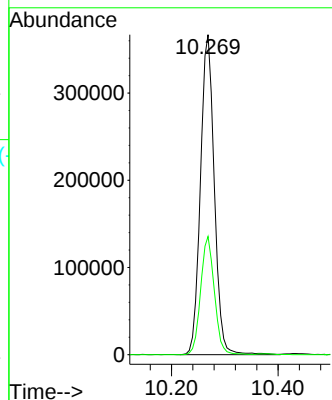
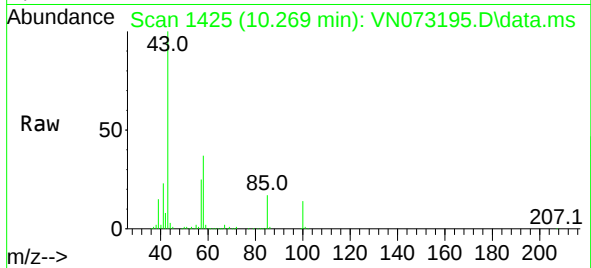




#51
4-Methyl-2-Pentanone
Concen: 114.405 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

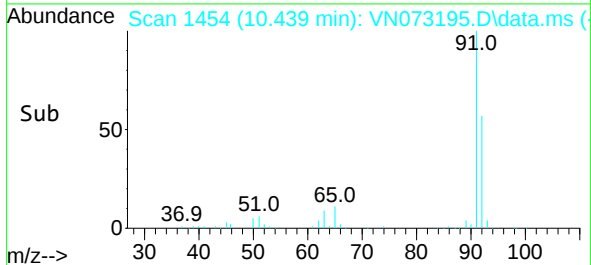
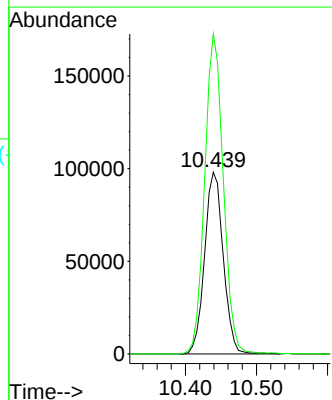
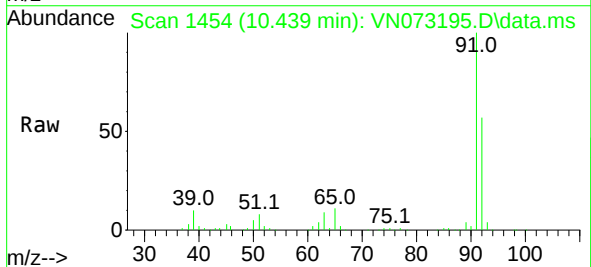
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 663140
Ion Ratio Lower Upper
43 100
58 36.5 34.1 51.1



#52
Toluene
Concen: 23.764 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 92 Resp: 179505
Ion Ratio Lower Upper
92 100
91 175.3 138.6 207.8

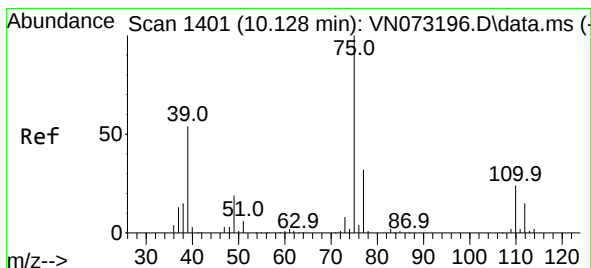
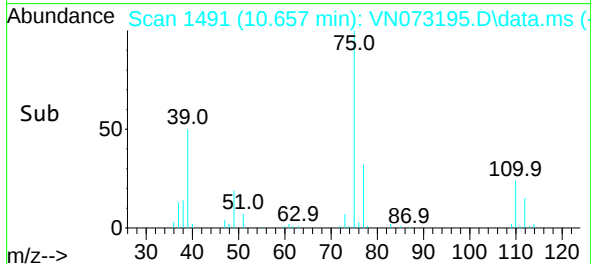
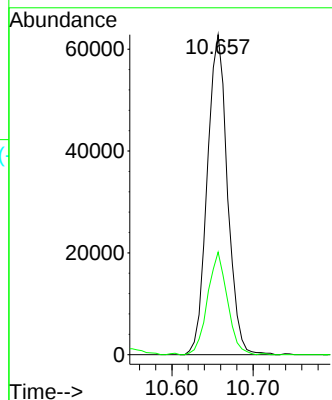
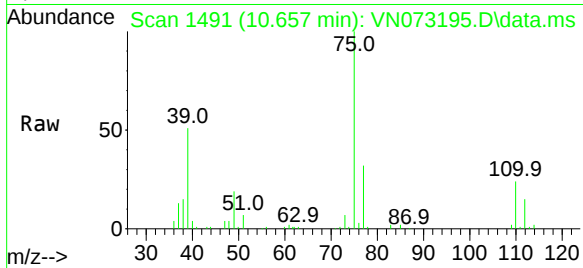




#53
t-1,3-Dichloropropene
Concen: 23.920 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

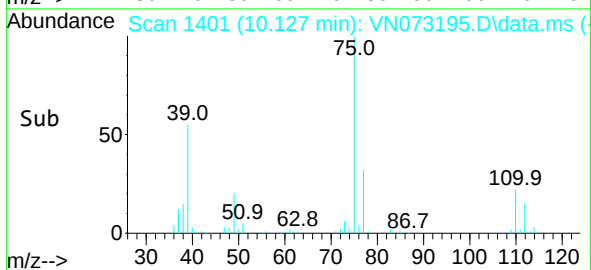
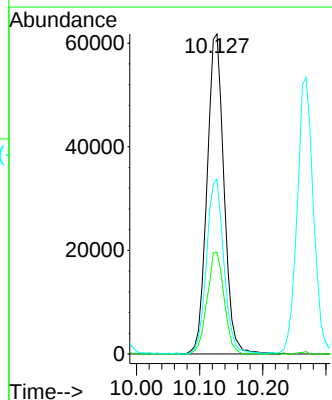
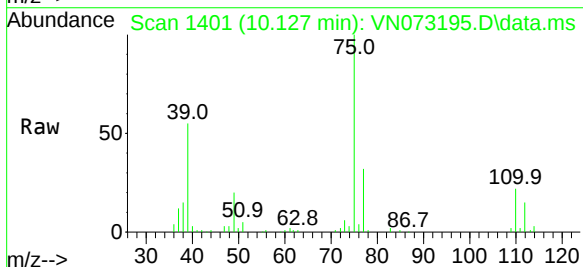
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

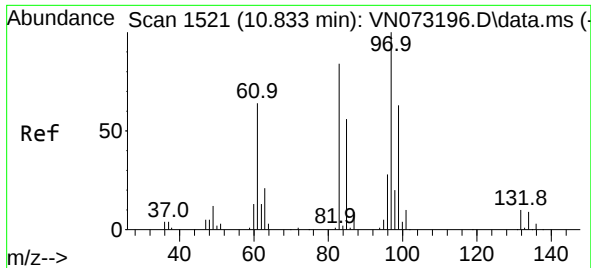
Tgt Ion: 75 Resp: 108703
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 23.256 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 75 Resp: 115282
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 54.6 35.7 53.5#

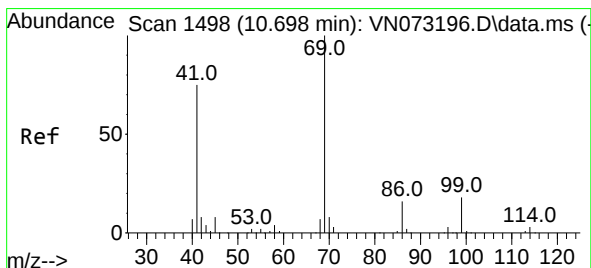
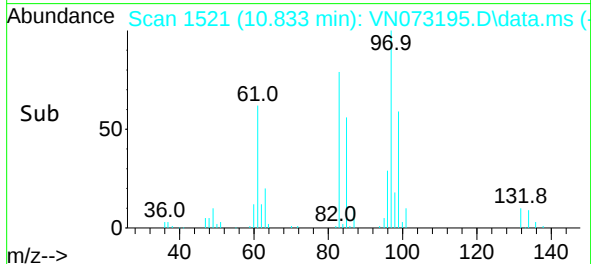
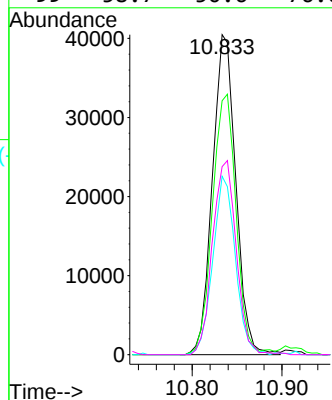
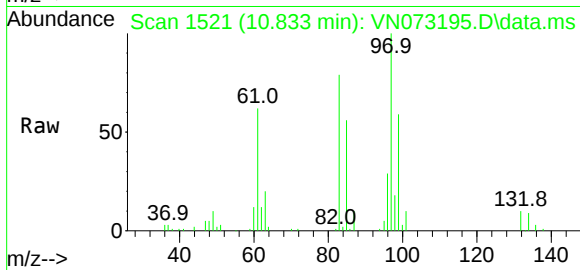




#55
1,1,2-Trichloroethane
Concen: 22.267 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

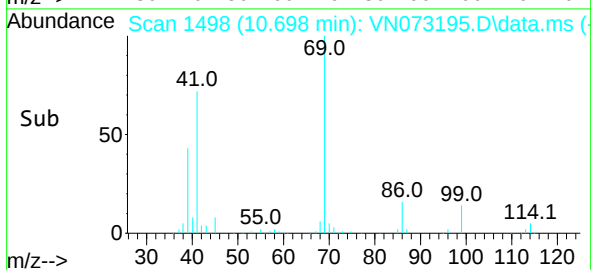
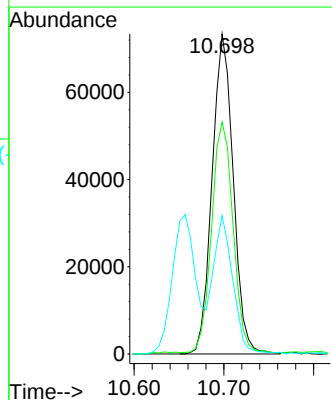
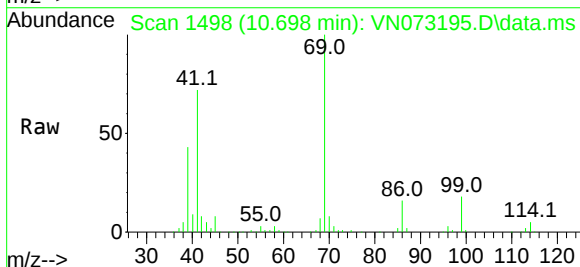
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

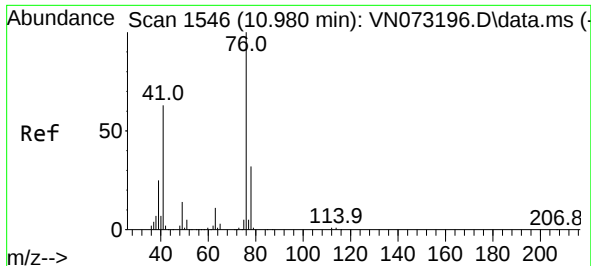
Tgt Ion: 97	Resp: 73211
Ion Ratio	Lower Upper
97 100	
83 79.4	66.2 99.4
85 55.8	43.9 65.9
99 58.7	50.6 76.0



#56
Ethyl methacrylate
Concen: 22.718 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 69	Resp: 120072		
Ion Ratio	Lower	Upper	
69 100			
41 72.9	47.8	71.6#	
39 39.2	27.3	40.9	





#57

1,3-Dichloropropane

Concen: 22.952 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

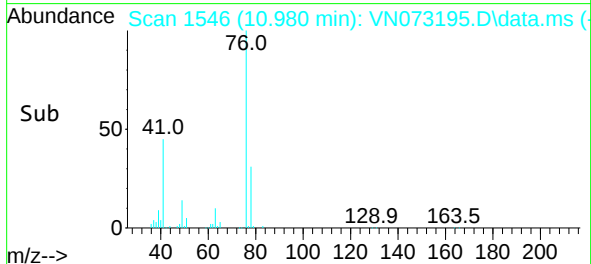
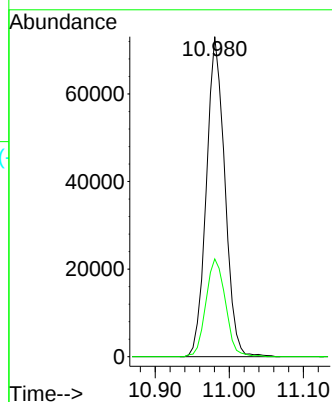
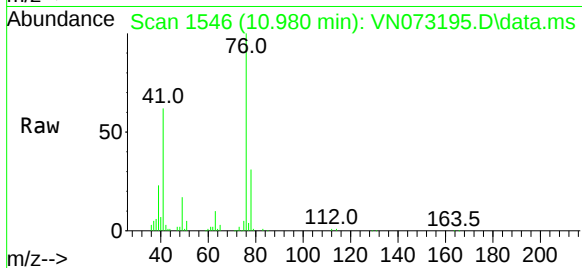
VSTDIC020

Tgt Ion: 76 Resp: 126284

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 114.495 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VN073195.D

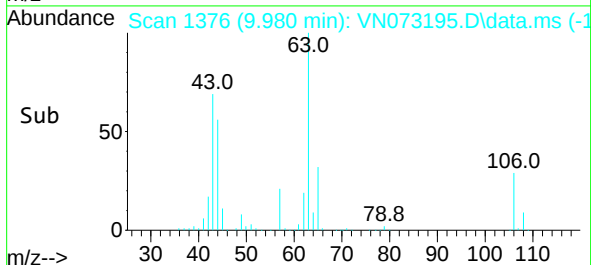
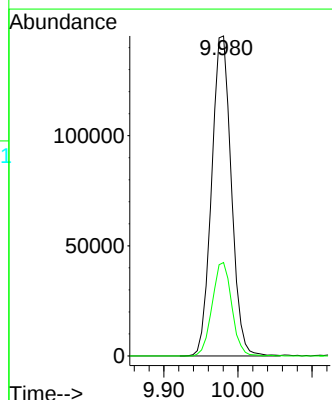
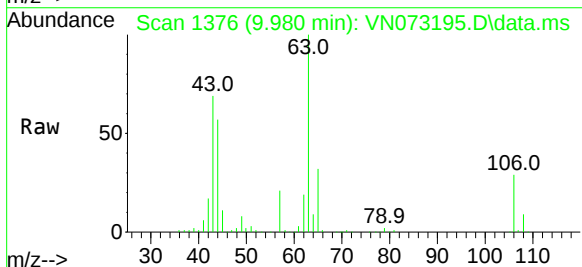
Acq: 28 Jun 2022 10:58

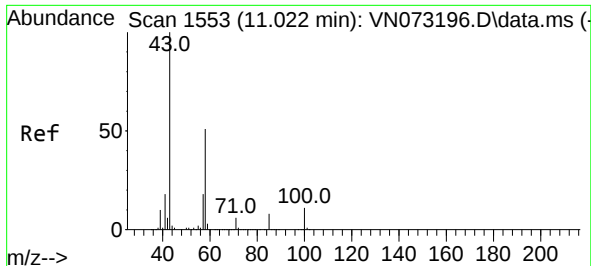
Tgt Ion: 63 Resp: 267836

Ion Ratio Lower Upper

63 100

106 29.0 24.6 36.8

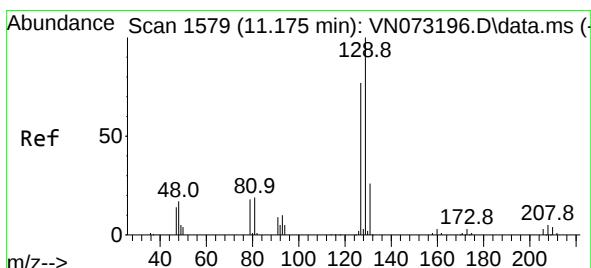
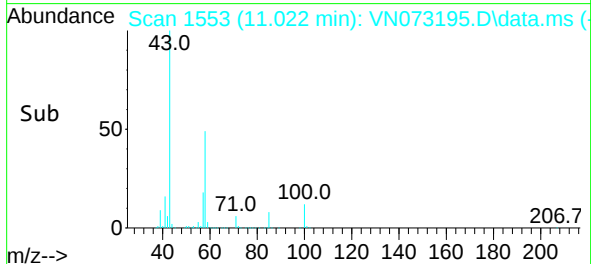
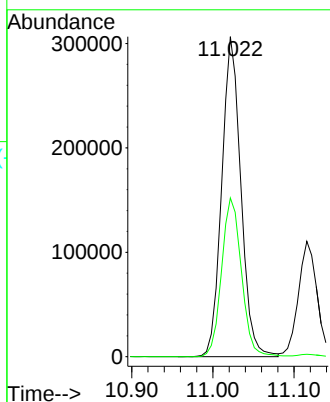
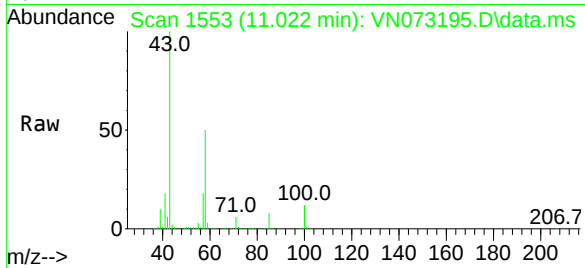




#59
2-Hexanone
Concen: 112.352 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

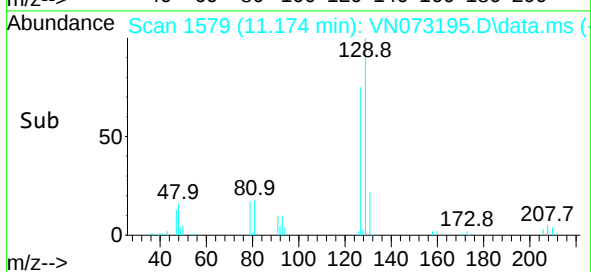
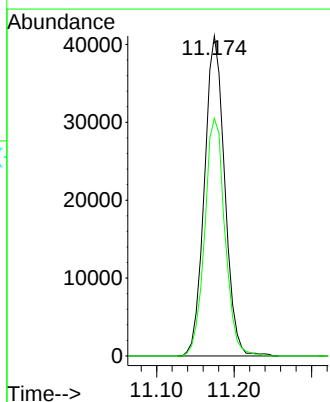
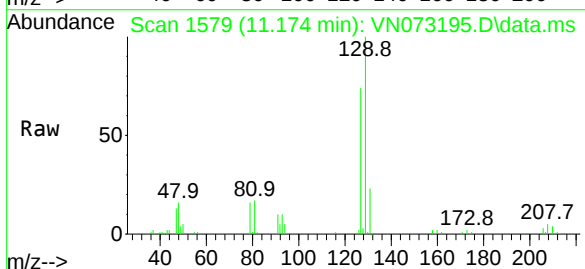
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 503223
Ion Ratio Lower Upper
43 100
58 51.3 29.7 89.1



#60
Dibromochloromethane
Concen: 23.957 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 129 Resp: 74507
Ion Ratio Lower Upper
129 100
127 74.2 38.8 116.4

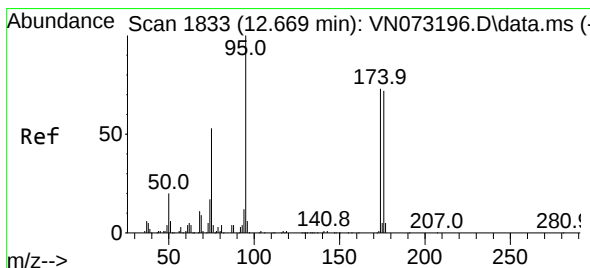
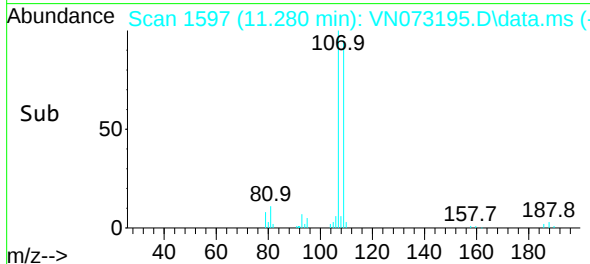
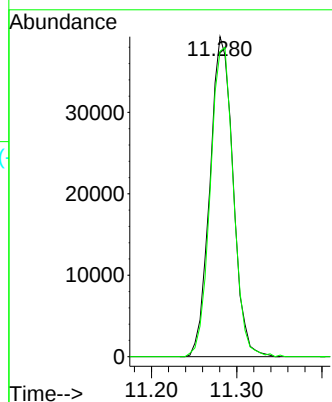
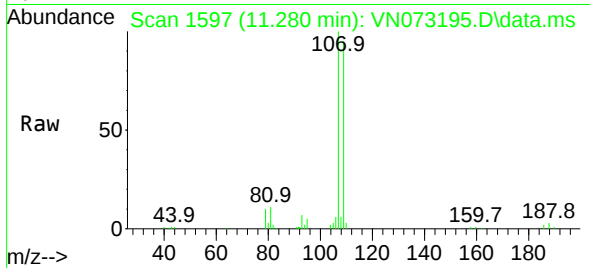




#61
1,2-Dibromoethane
Concen: 22.742 ug/l
RT: 11.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

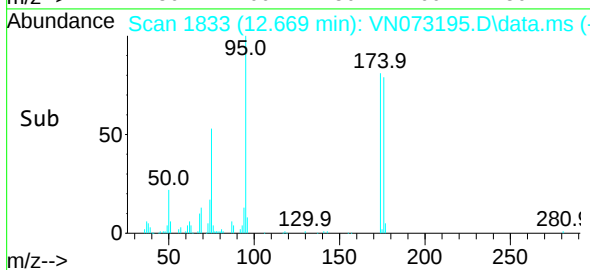
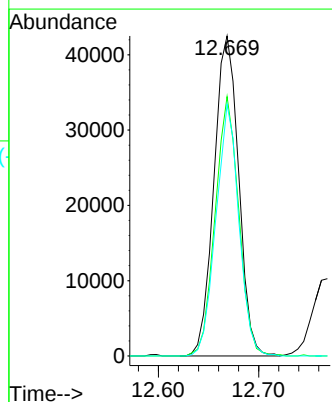
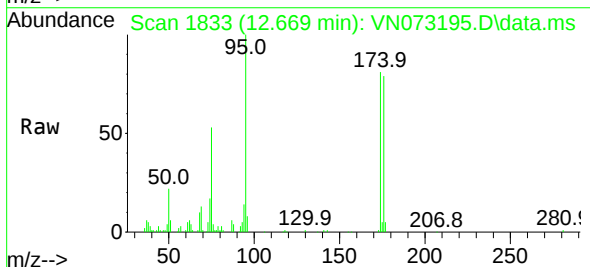
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

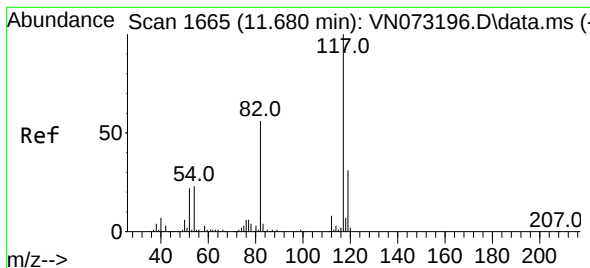
Tgt Ion:107 Resp: 74163
Ion Ratio Lower Upper
107 100
109 96.5 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 18.930 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 95 Resp: 72602
Ion Ratio Lower Upper
95 100
174 77.4 0.0 167.6
176 73.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

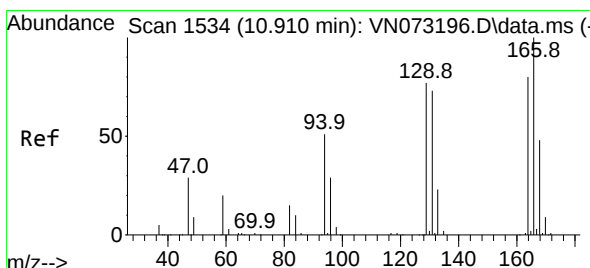
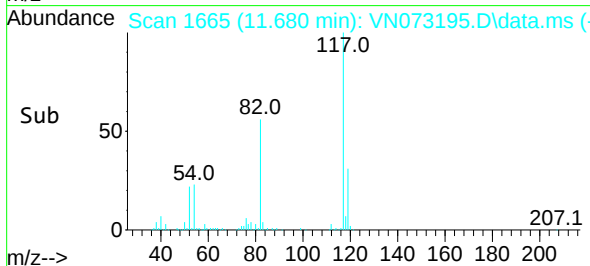
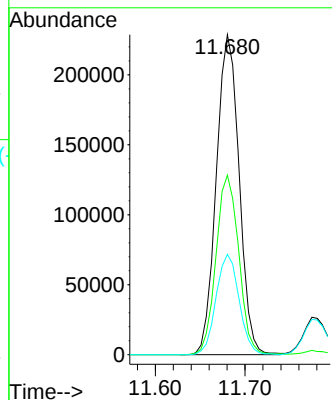
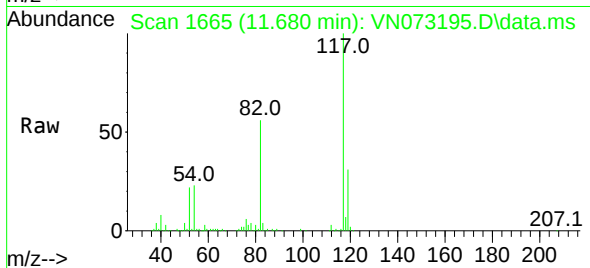
Tgt Ion:117 Resp: 404463

Ion Ratio Lower Upper

117 100

82 56.1 44.2 66.2

119 31.4 25.4 38.0



#64

Tetrachloroethene

Concen: 25.927 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Tgt Ion:164 Resp: 67628

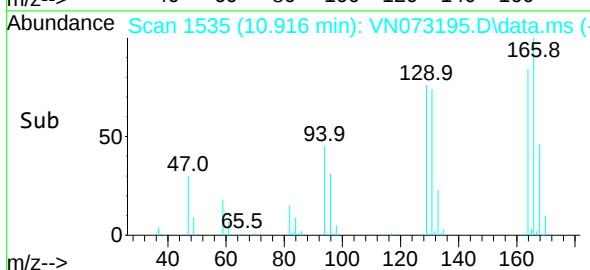
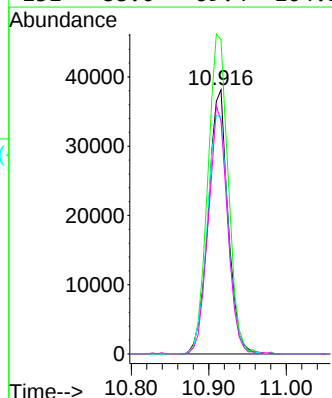
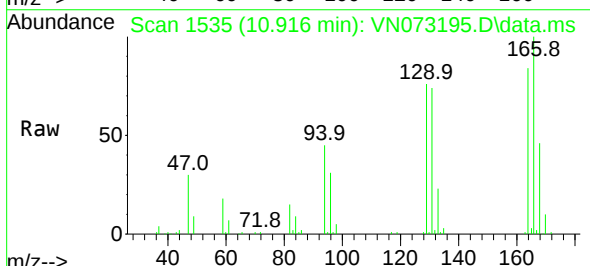
Ion Ratio Lower Upper

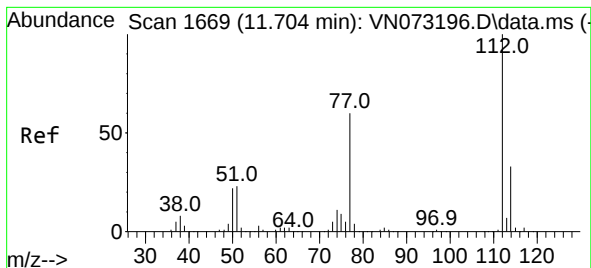
164 100

166 119.0 104.2 156.2

129 90.0 73.9 110.9

131 88.0 69.4 104.2





#65

Chlorobenzene

Concen: 22.604 ug/l

RT: 11.704 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

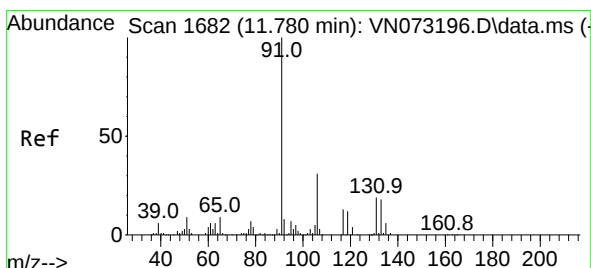
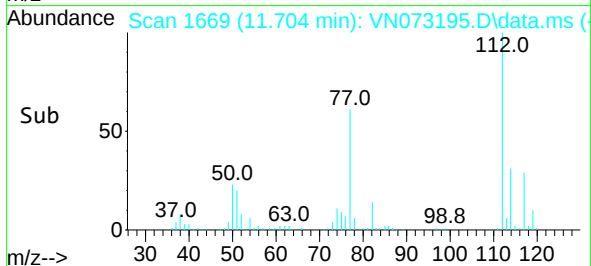
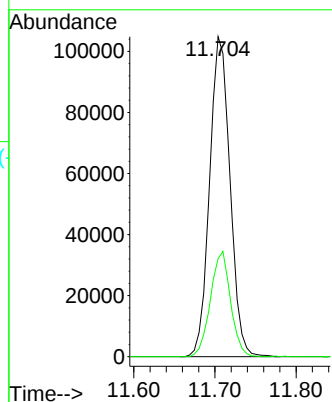
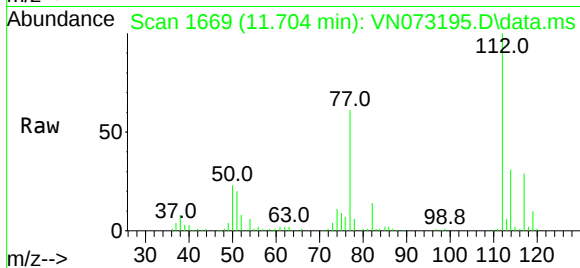
VSTDIC020

Tgt Ion:112 Resp: 182868

Ion Ratio Lower Upper

112 100

114 30.6 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 22.005 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

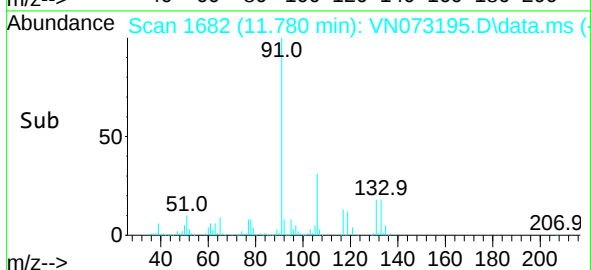
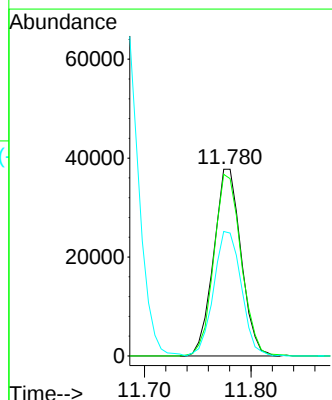
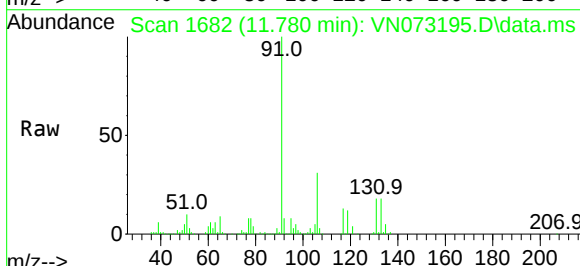
Tgt Ion:131 Resp: 67634

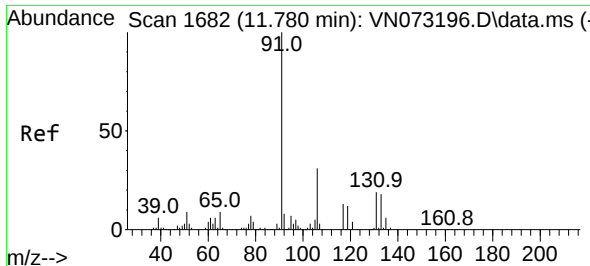
Ion Ratio Lower Upper

131 100

133 96.8 47.8 143.4

119 67.1 33.4 100.2

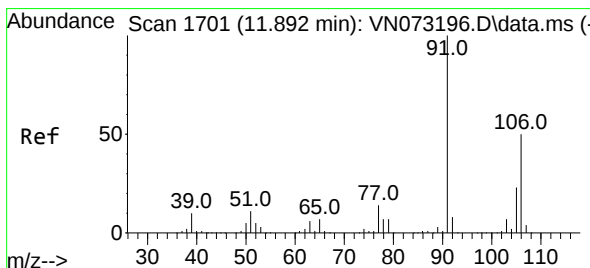
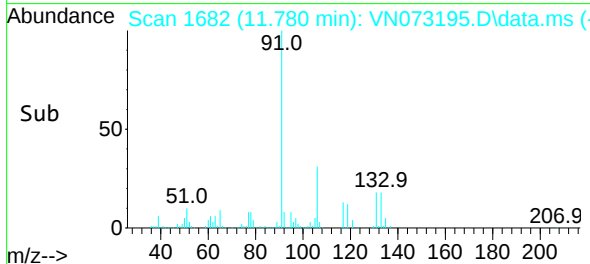
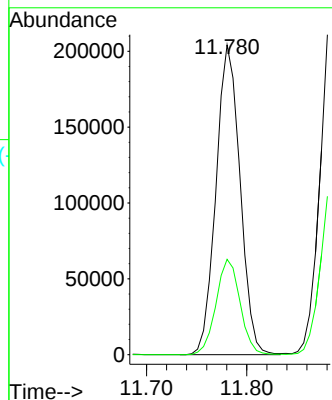
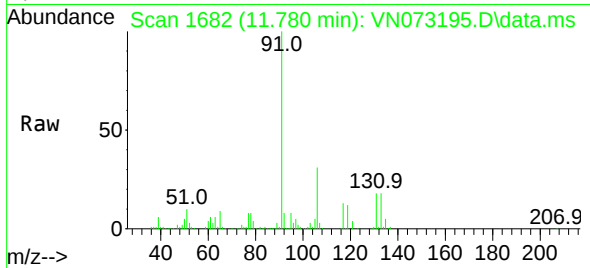




#67
Ethyl Benzene
Concen: 23.660 ug/l
RT: 11.780 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

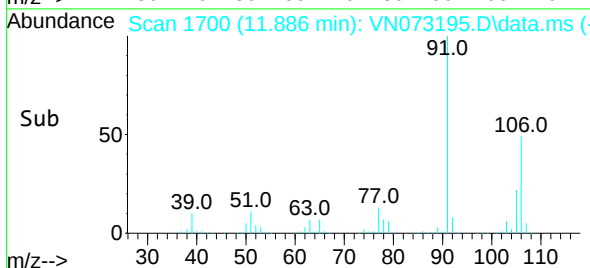
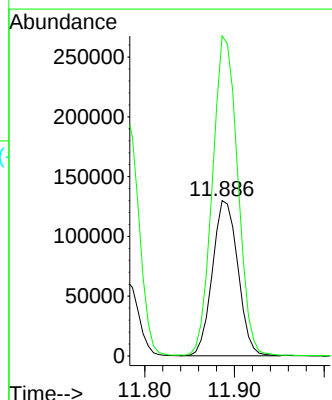
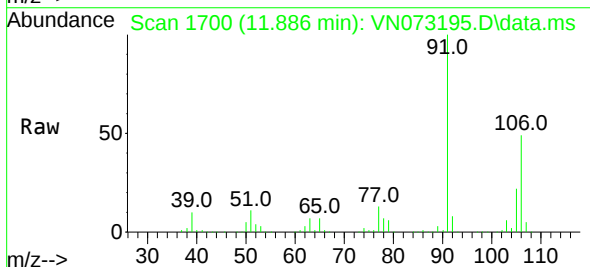
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

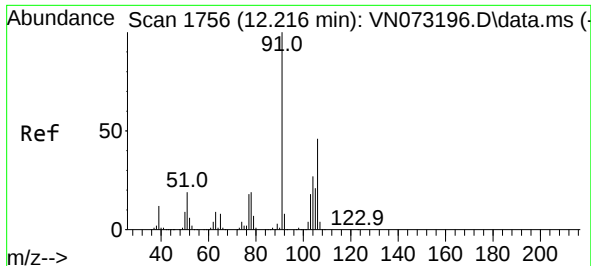
Tgt Ion: 91 Resp: 339679
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#68
m/p-Xylenes
Concen: 45.516 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion:106 Resp: 255213
Ion Ratio Lower Upper
106 100
91 205.3 158.9 238.3





#69

o-Xylene

Concen: 23.142 ug/l

RT: 12.216 min Scan# 1756

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

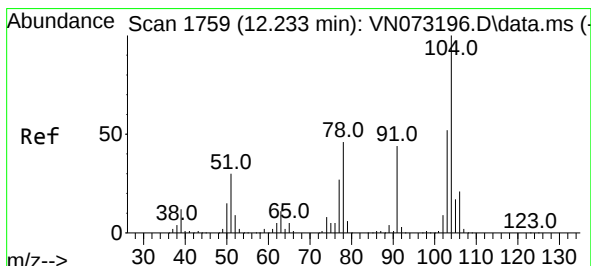
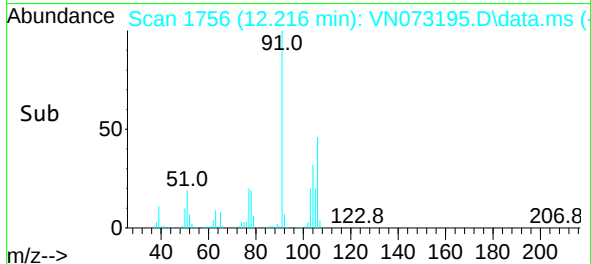
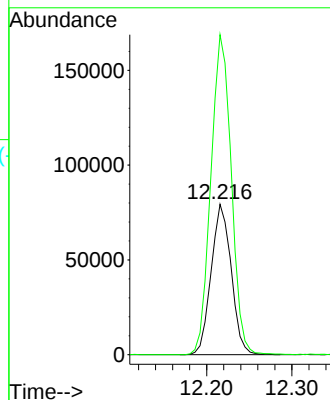
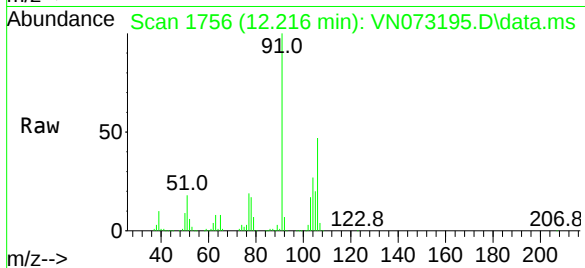
VSTDIC020

Tgt Ion:106 Resp: 129763

Ion Ratio Lower Upper

106 100

91 216.9 106.0 318.0



#70

Styrene

Concen: 22.925 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

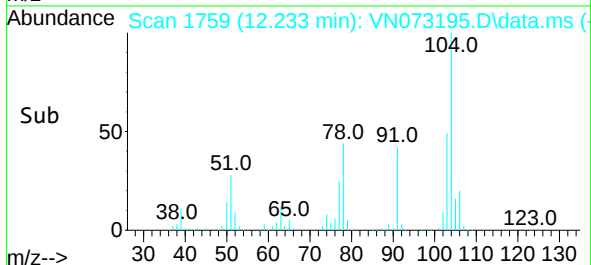
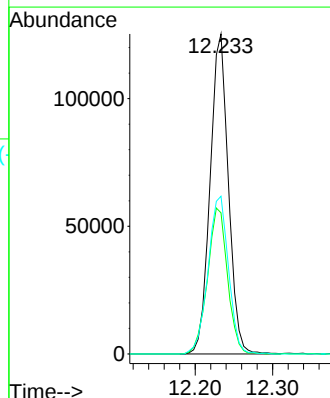
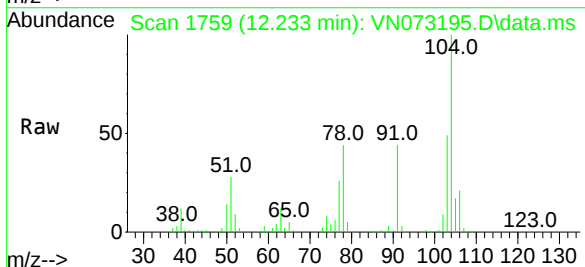
Tgt Ion:104 Resp: 205891

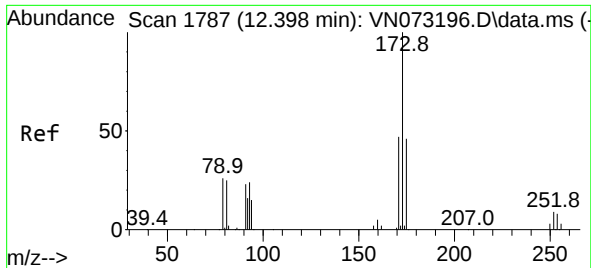
Ion Ratio Lower Upper

104 100

78 49.9 39.5 59.3

103 55.1 44.0 66.0

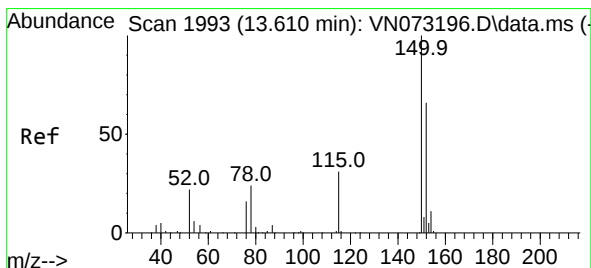
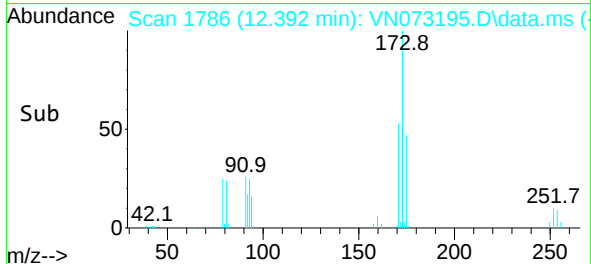
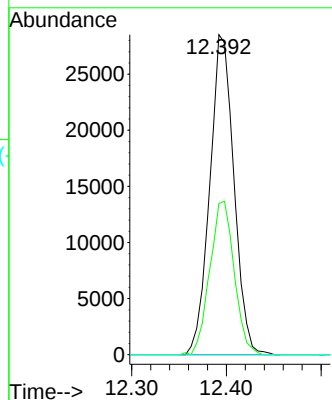
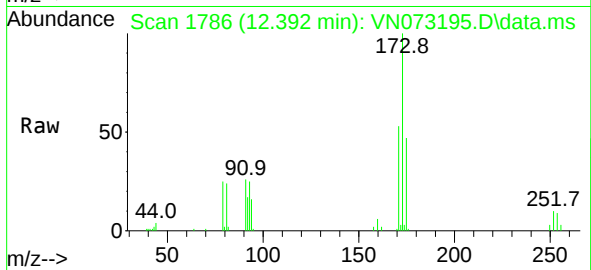




#71
Bromoform
Concen: 21.858 ug/l
RT: 12.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

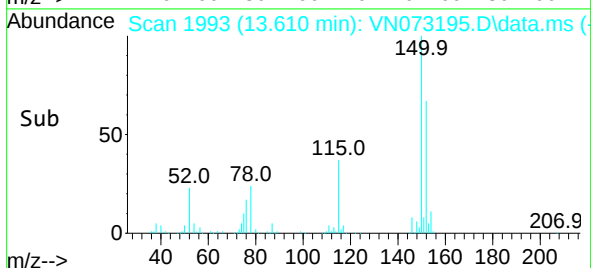
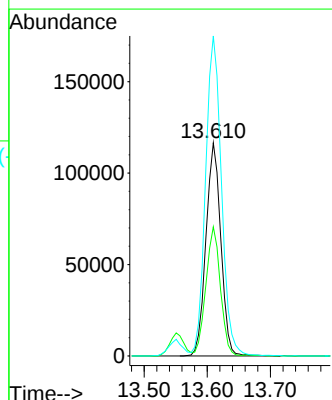
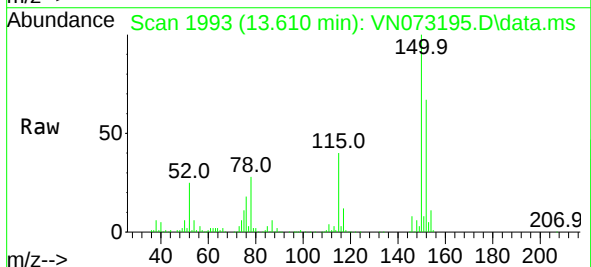
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

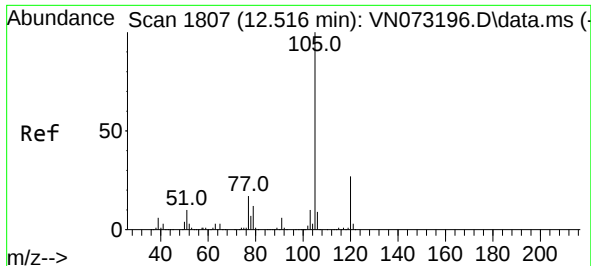
Tgt Ion:173 Resp: 50562
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion:152 Resp: 191192
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.7
150 160.2 0.0 356.2

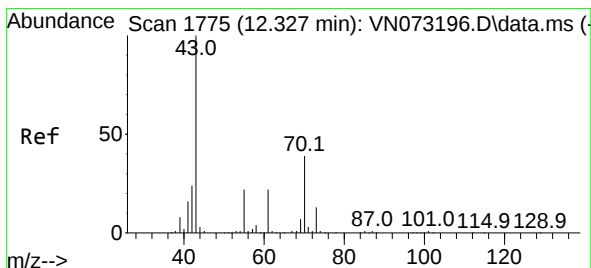
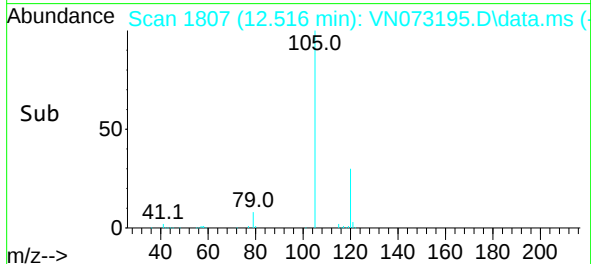
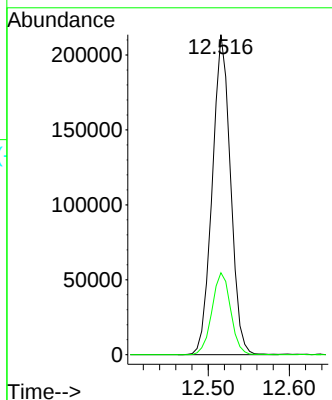
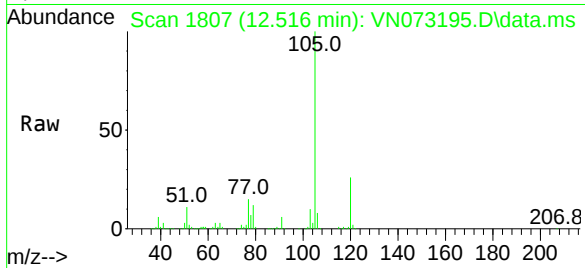




#73
Isopropylbenzene
Concen: 22.070 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

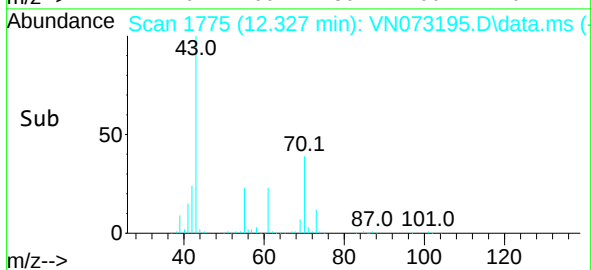
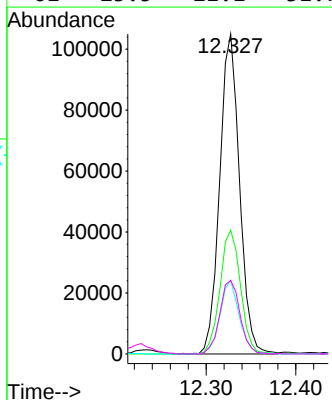
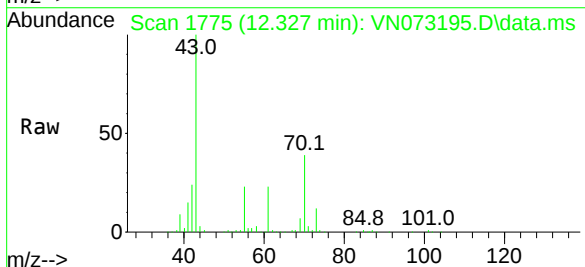
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

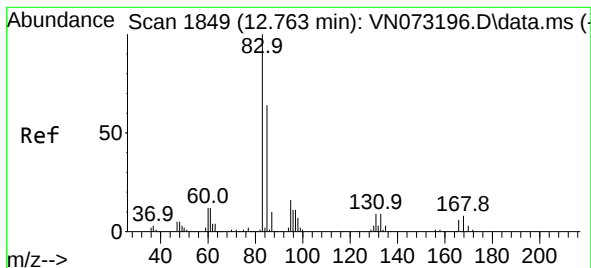
Tgt Ion:105 Resp: 333942
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4



#74
N-ethyl acetate
Concen: 20.612 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 43 Resp: 161068
Ion Ratio Lower Upper
43 100
70 40.0 39.0 58.4
55 22.2 21.1 31.7
61 23.5 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.151 ug/l

RT: 12.763 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

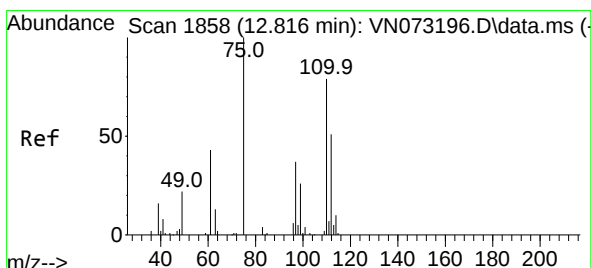
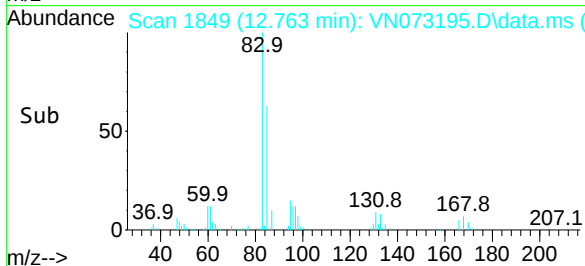
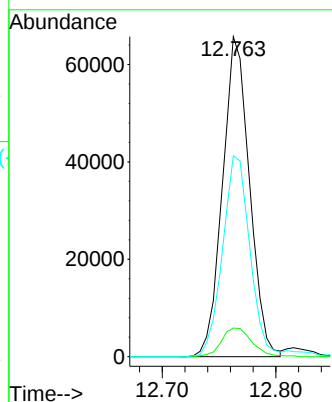
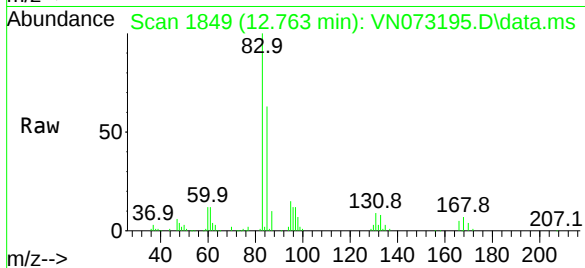
Tgt Ion: 83 Resp: 108368

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.9

85 65.4 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 31.207 ug/l

RT: 12.816 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN073195.D

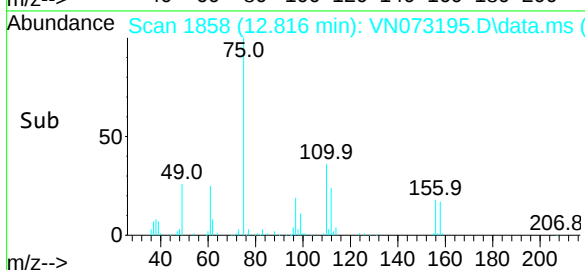
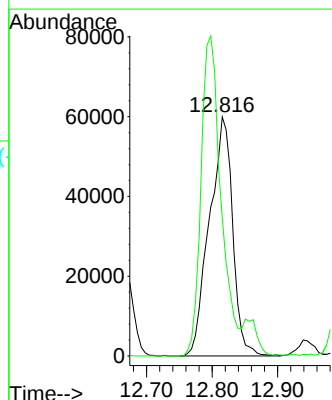
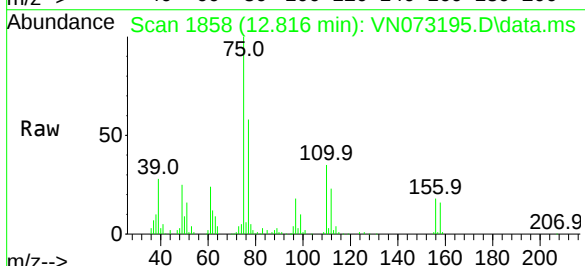
Acq: 28 Jun 2022 10:58

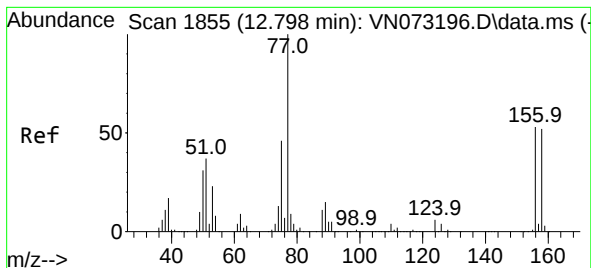
Tgt Ion: 75 Resp: 147230

Ion Ratio Lower Upper

75 100

77 116.3 98.5 295.5





#77

Bromobenzene

Concen: 21.163 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

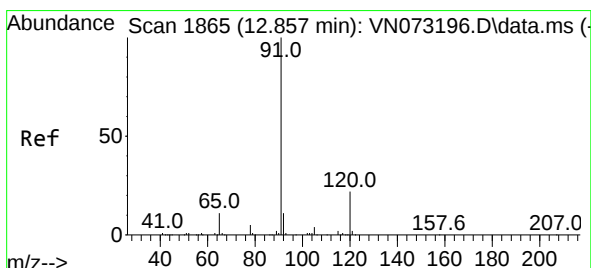
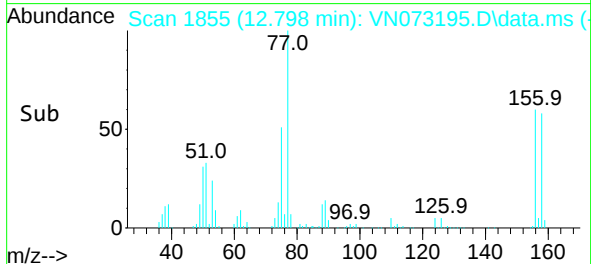
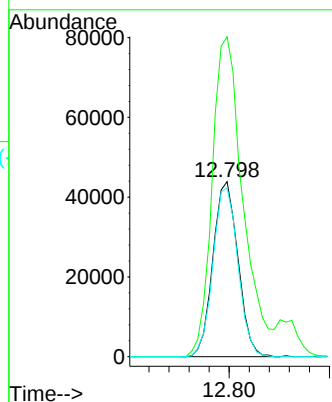
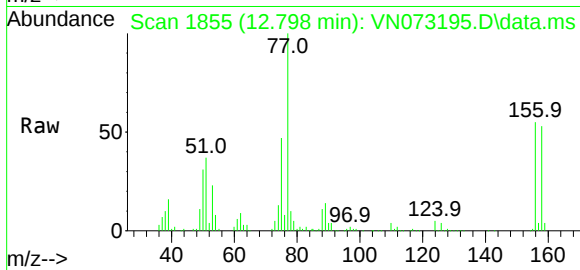
Tgt Ion:156 Resp: 76079

Ion Ratio Lower Upper

156 100

77 225.0 100.5 301.5

158 96.6 48.9 146.6



#78

n-propylbenzene

Concen: 22.260 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073195.D

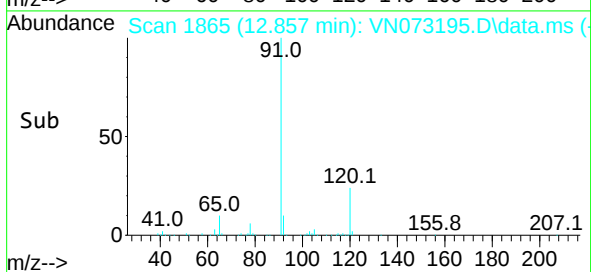
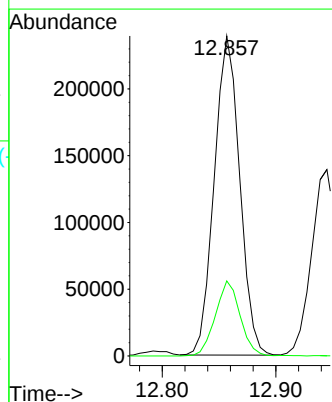
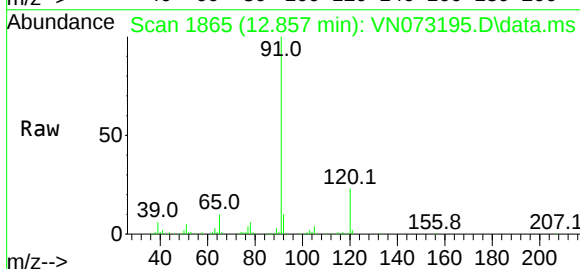
Acq: 28 Jun 2022 10:58

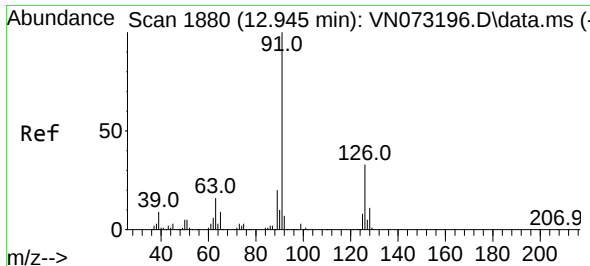
Tgt Ion: 91 Resp: 371938

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.5

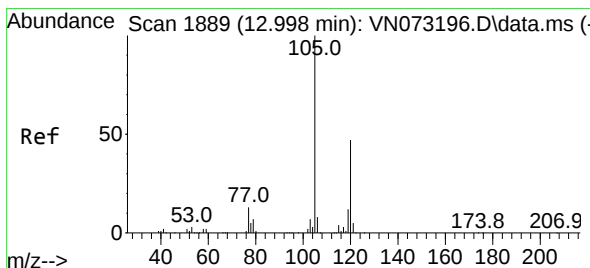
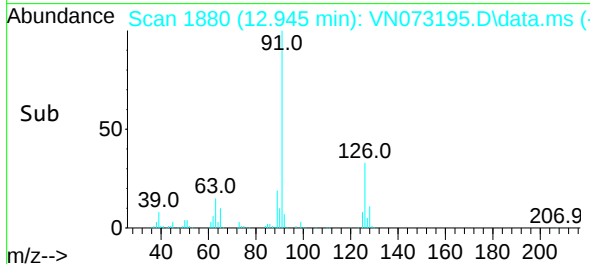
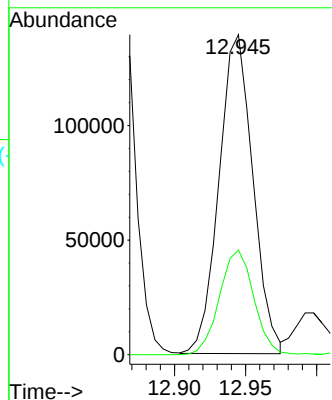
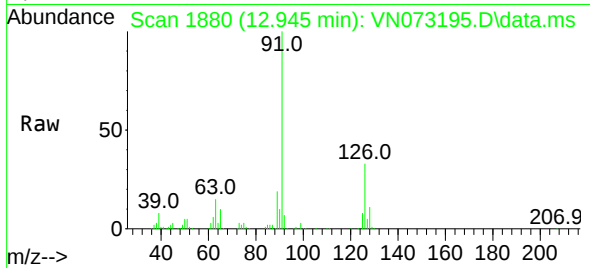




#79
2-Chlorotoluene
Concen: 21.444 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

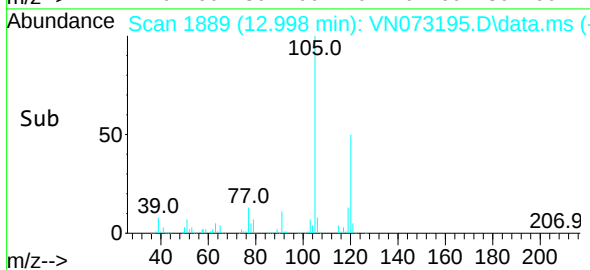
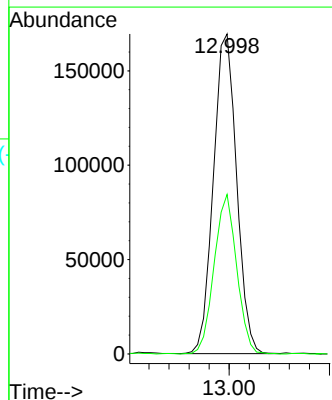
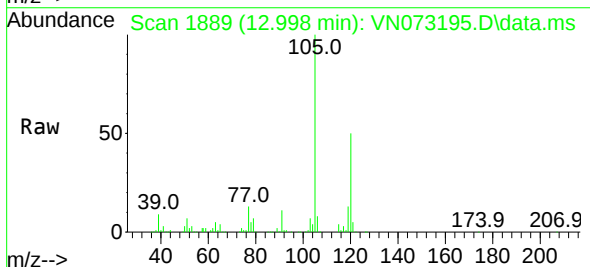
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

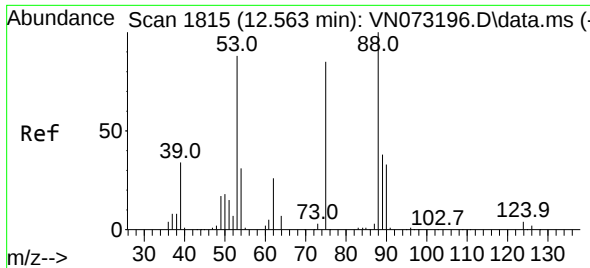
Tgt Ion: 91 Resp: 230949
Ion Ratio Lower Upper
91 100
126 33.3 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 21.912 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 105 Resp: 271647
Ion Ratio Lower Upper
105 100
120 48.5 24.9 74.7

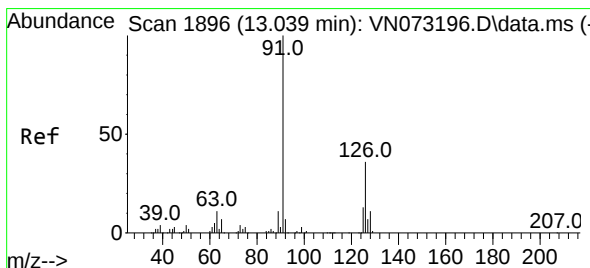
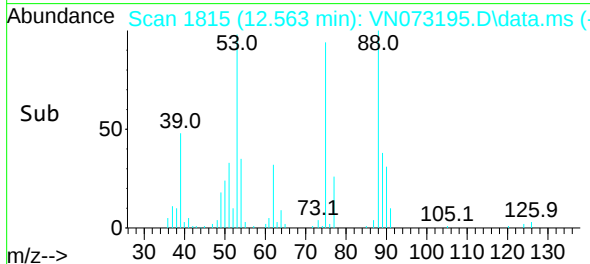
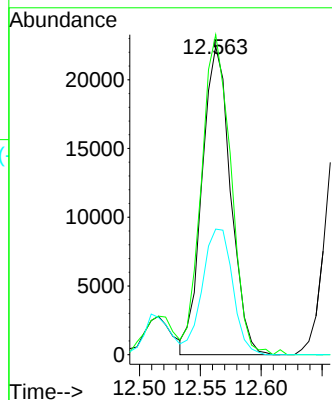
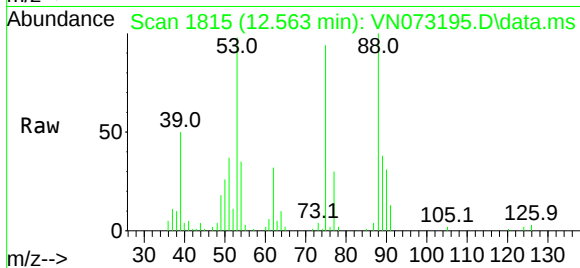




#81
trans-1,4-Dichloro-2-butene
Concen: 20.907 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

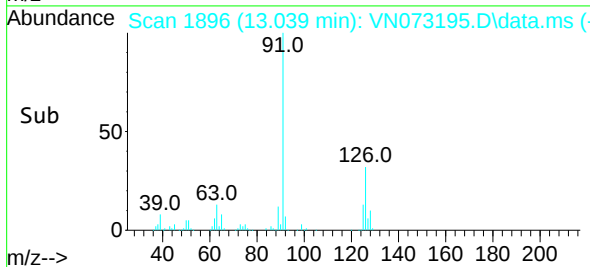
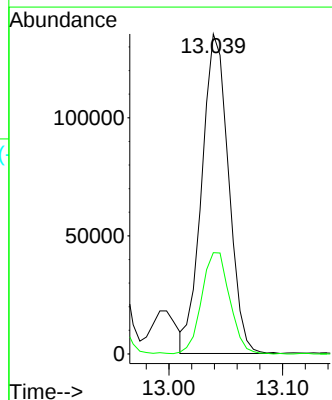
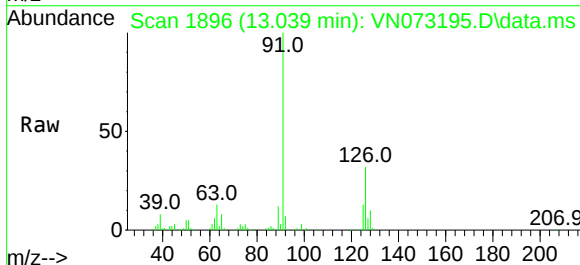
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

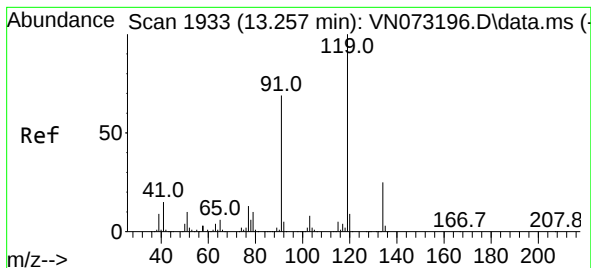
Tgt Ion: 75 Resp: 36559
Ion Ratio Lower Upper
75 100
53 106.8 78.0 117.0
89 43.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 21.732 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 91 Resp: 221664
Ion Ratio Lower Upper
91 100
126 33.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.300 ug/l

RT: 13.263 min Scan# 1933

Delta R.T. 0.006 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

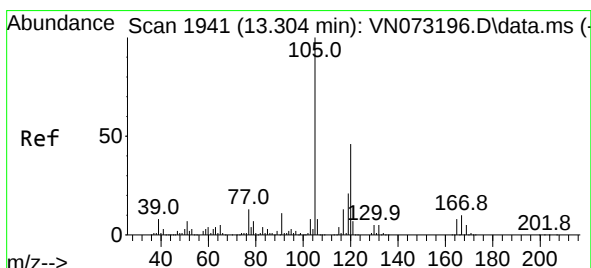
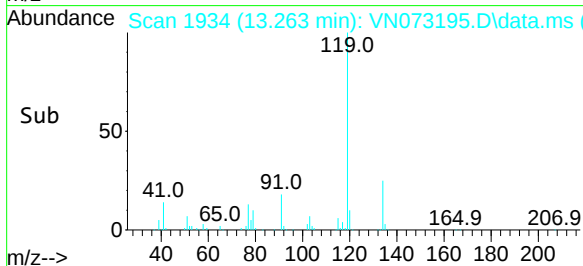
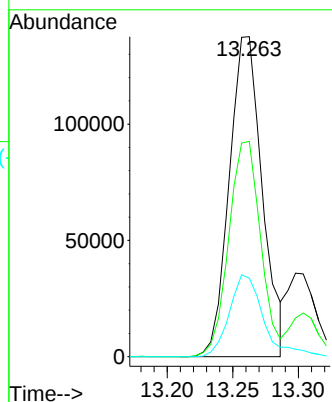
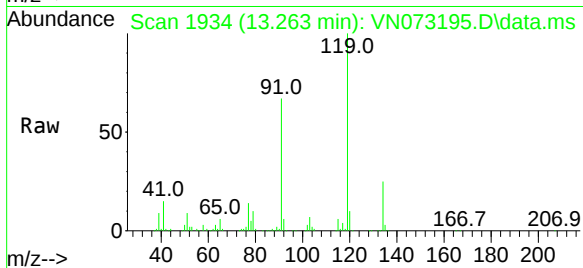
Tgt Ion:119 Resp: 241108

Ion Ratio Lower Upper

119 100

91 65.1 31.6 94.8

134 26.6 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 21.655 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073195.D

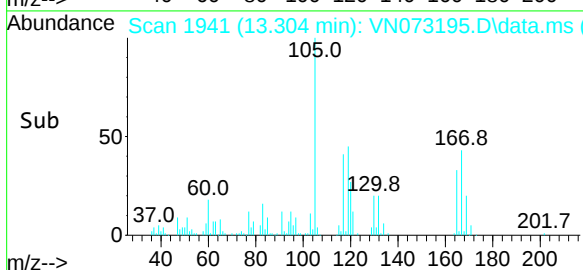
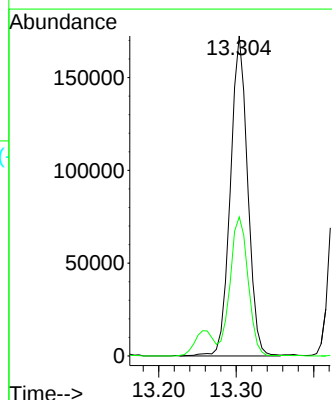
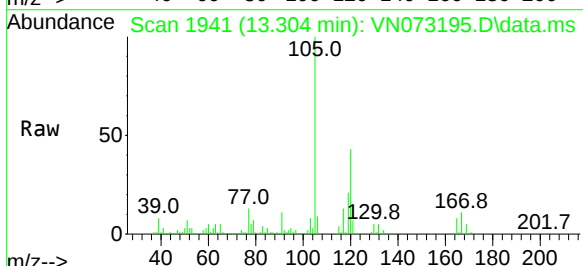
Acq: 28 Jun 2022 10:58

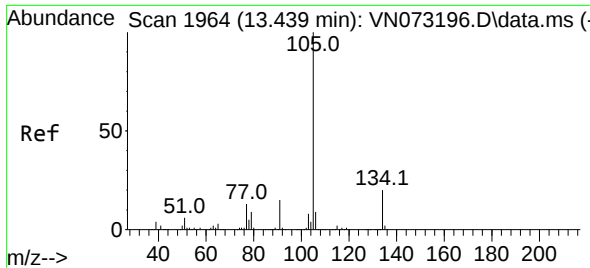
Tgt Ion:105 Resp: 267952

Ion Ratio Lower Upper

105 100

120 44.9 23.3 69.8

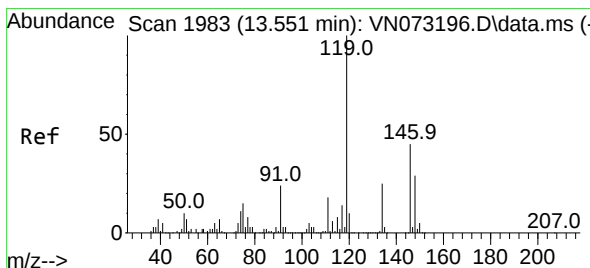
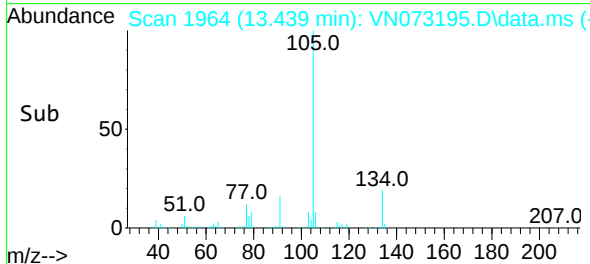
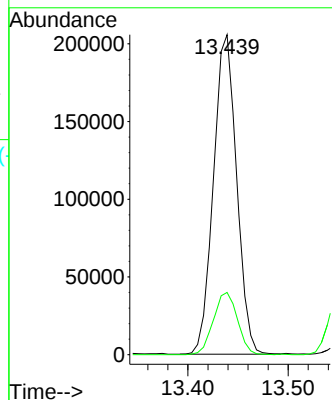
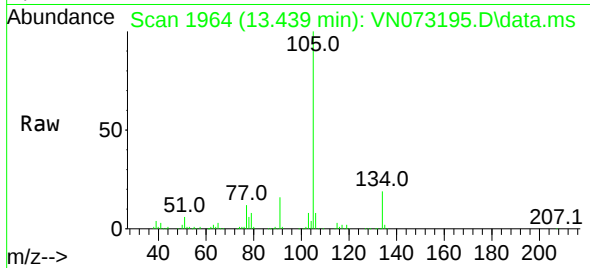




#85
 sec-Butylbenzene
 Concen: 21.695 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073195.D
 Acq: 28 Jun 2022 10:58

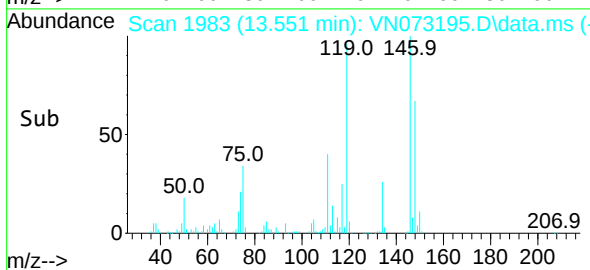
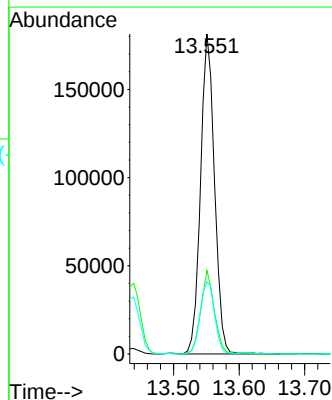
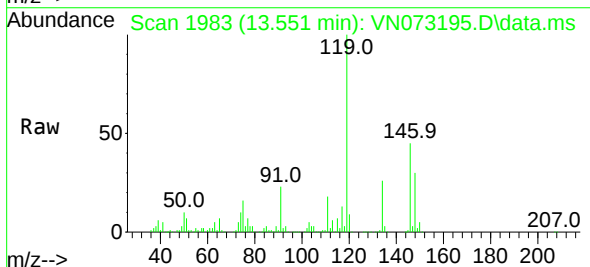
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

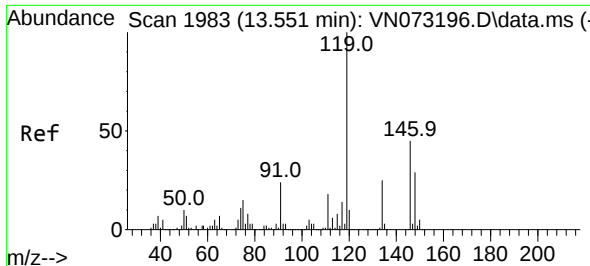
Tgt Ion:105 Resp: 329399
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.981 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073195.D
 Acq: 28 Jun 2022 10:58

Tgt Ion:119 Resp: 269422
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.3 39.8
 91 23.6 11.3 33.9

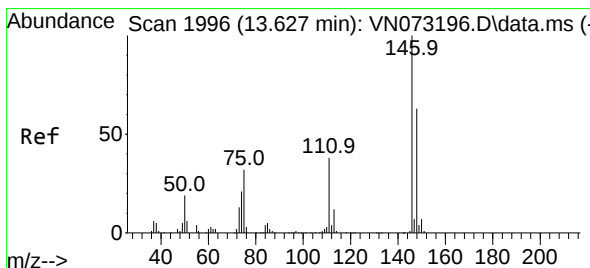
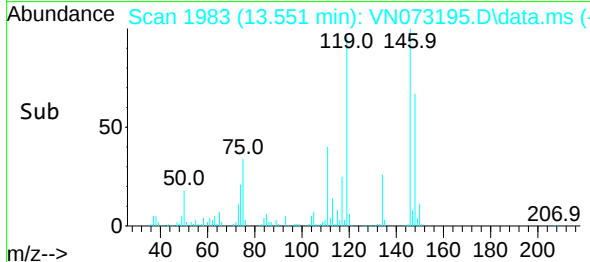
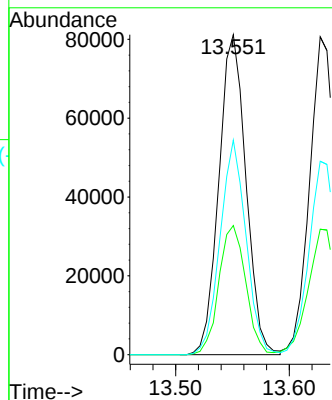
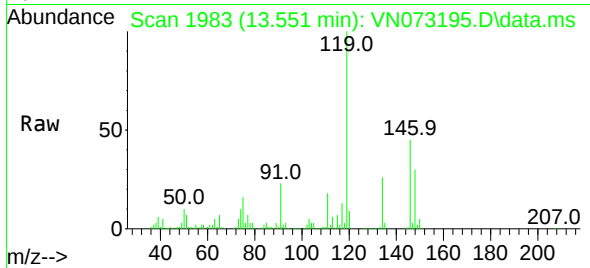




#87
 1,3-Dichlorobenzene
 Concen: 20.852 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073195.D
 Acq: 28 Jun 2022 10:58

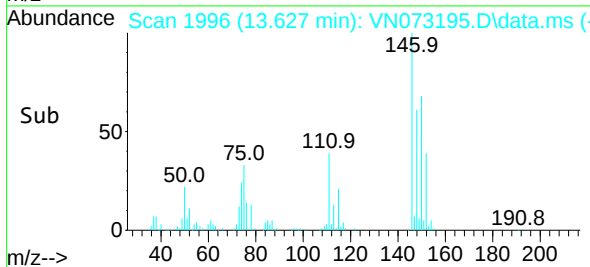
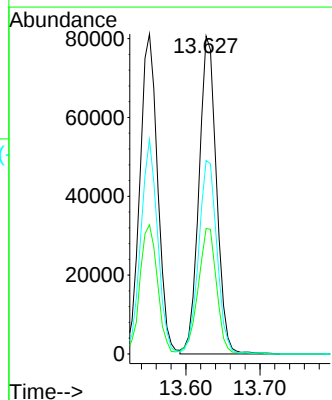
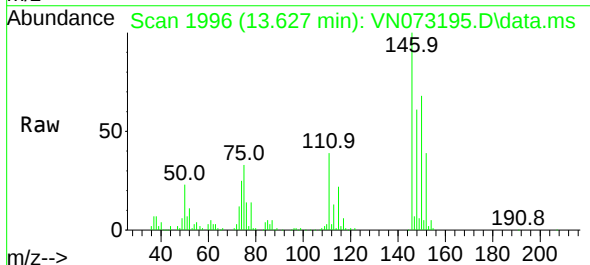
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 134640
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.325 ug/l
 RT: 13.627 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN073195.D
 Acq: 28 Jun 2022 10:58

Tgt Ion:146 Resp: 132447
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.1 57.1
 148 62.8 31.4 94.3

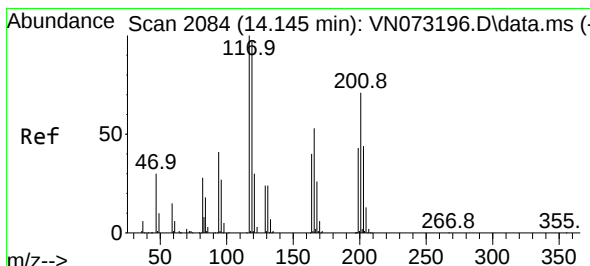
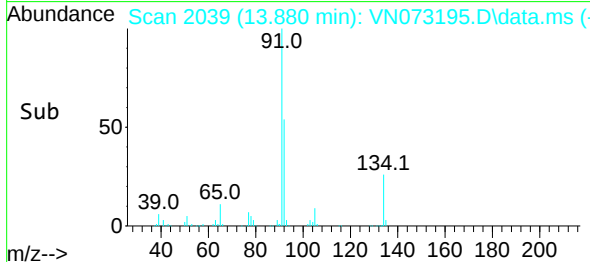
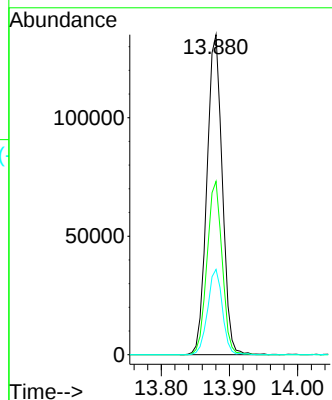
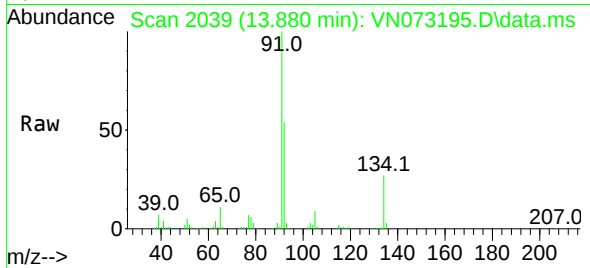




#89
n-Butylbenzene
Concen: 21.100 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

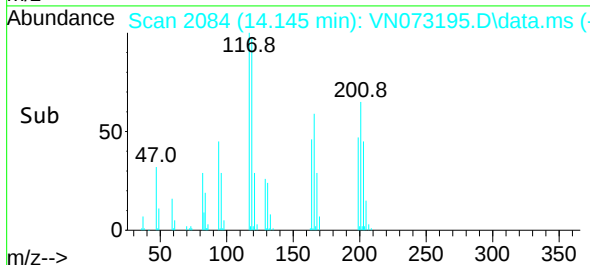
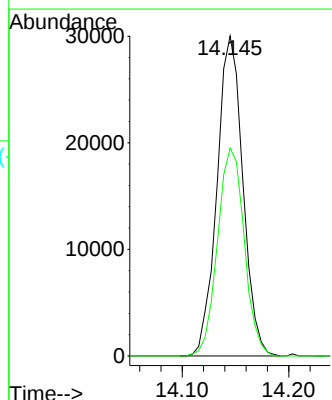
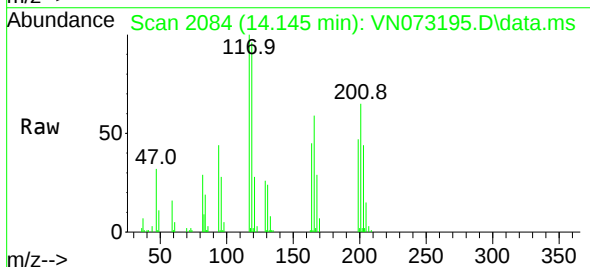
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

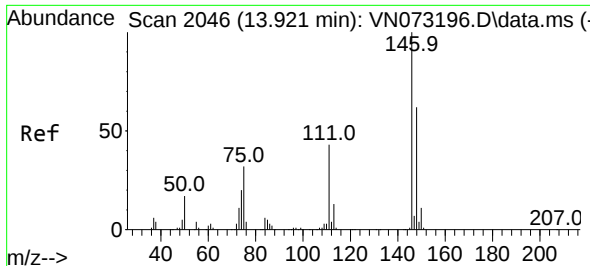
Tgt Ion: 91 Resp: 211966
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 25.6 13.6 40.8



#90
Hexachloroethane
Concen: 21.923 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 117 Resp: 50676
Ion Ratio Lower Upper
117 100
201 66.9 40.6 122.0

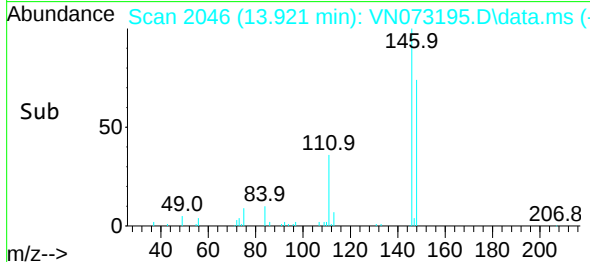
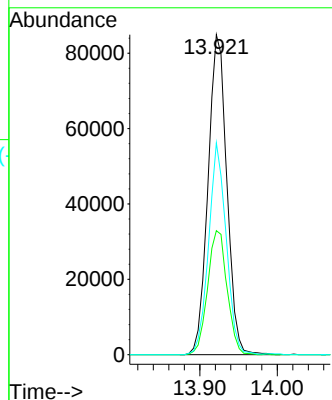
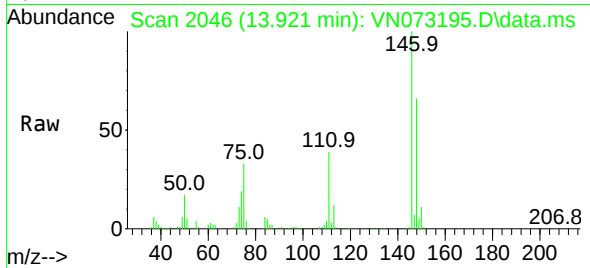




#91
1,2-Dichlorobenzene
Concen: 21.283 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

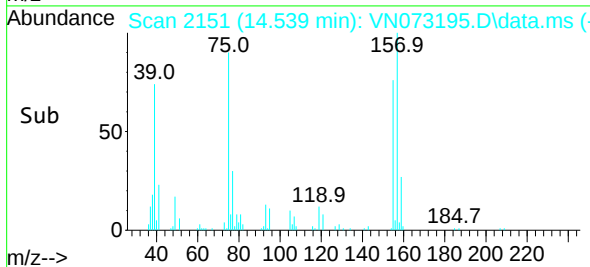
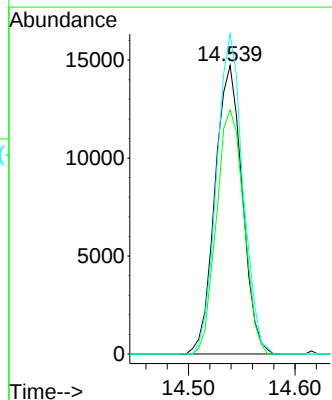
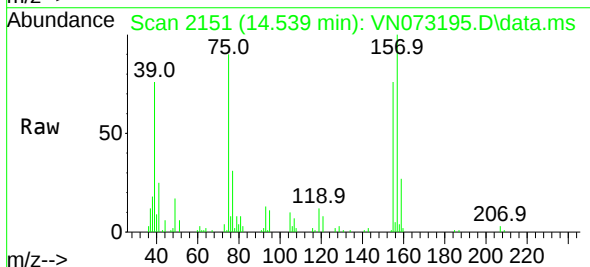
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 142758
Ion Ratio Lower Upper
146 100
111 40.1 20.9 62.8
148 62.1 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.004 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion: 75 Resp: 26170
Ion Ratio Lower Upper
75 100
155 84.7 44.9 134.5
157 107.0 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 19.453 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

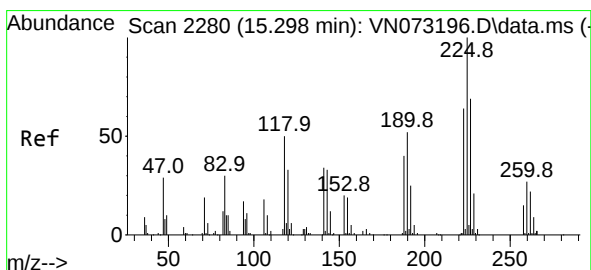
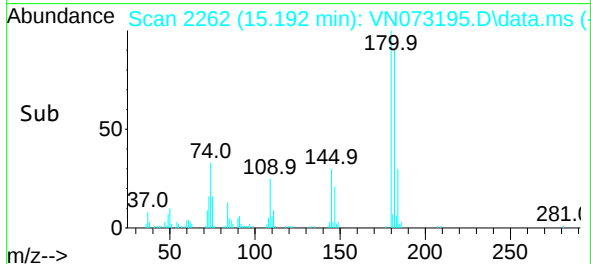
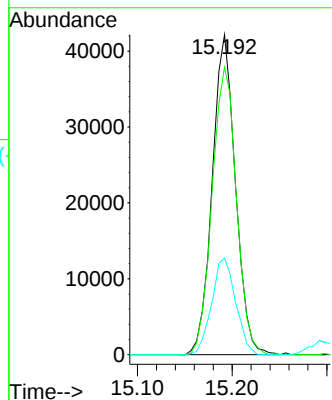
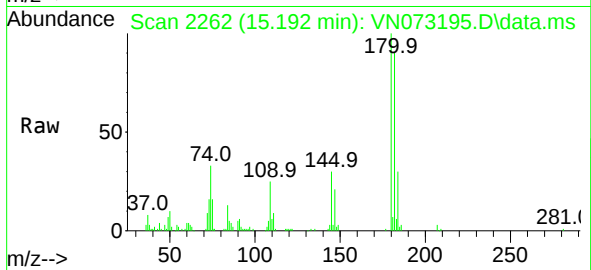
Tgt Ion:180 Resp: 71738

Ion Ratio Lower Upper

180 100

182 94.2 47.5 142.5

145 31.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.100 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073195.D

Acq: 28 Jun 2022 10:58

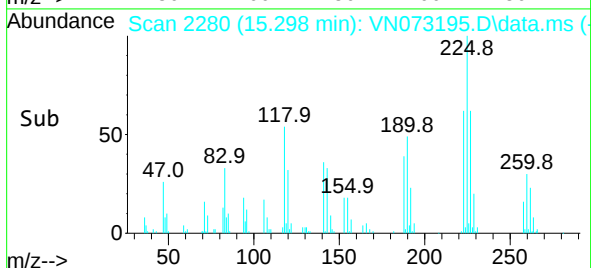
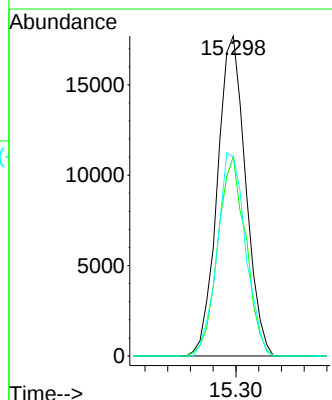
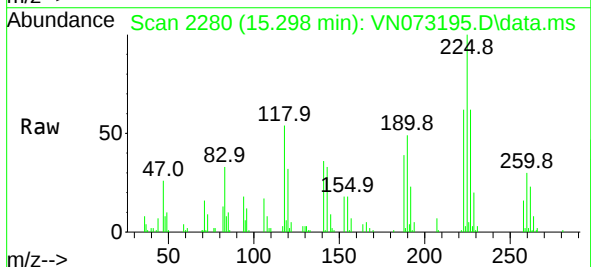
Tgt Ion:225 Resp: 30577

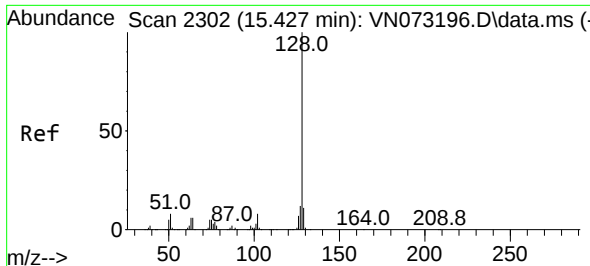
Ion Ratio Lower Upper

225 100

223 61.7 32.4 97.2

227 63.7 31.8 95.4

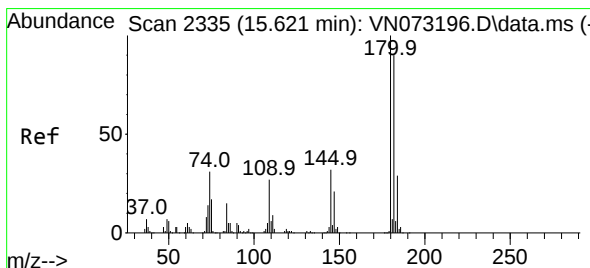
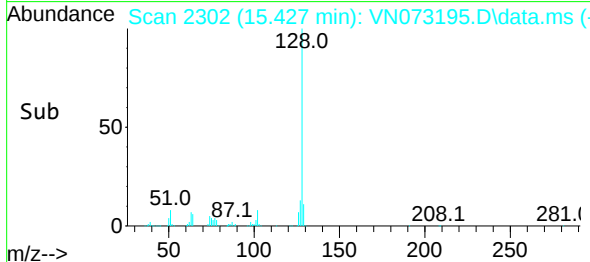
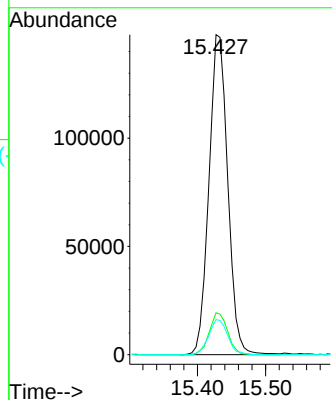
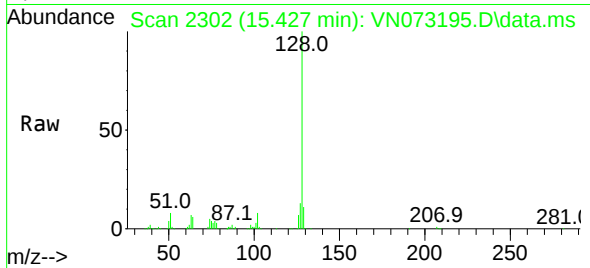




#95
Naphthalene
Concen: 18.941 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 283661
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.299 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VN073195.D
Acq: 28 Jun 2022 10:58

Tgt Ion:180 Resp: 72293
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.3
145 34.2 15.5 46.5

