

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072393.D
 Acq On : 10 May 2022 15:06
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 10 15:32:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:27:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	251386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	418815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	390776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	177316	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	383262	100.851	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 201.700%#	
35) Dibromofluoromethane	8.016	113	277480	103.552	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 207.100%#	
50) Toluene-d8	10.439	98	1083743	103.528	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 207.060%#	
62) 4-Bromofluorobenzene	12.727	95	389898	112.441	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 224.880%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	292166	92.624	ug/l	99
3) Chloromethane	2.299	50	289110	75.761	ug/l	97
4) Vinyl Chloride	2.440	62	251068	88.757	ug/l	100
5) Bromomethane	2.816	94	141511	90.667	ug/l	98
6) Chloroethane	2.993	64	138311	76.418	ug/l	99
7) Trichlorofluoromethane	3.363	101	465722	93.369	ug/l	96
8) Diethyl Ether	3.822	74	176368	98.609	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.204	101	248604	94.960	ug/l	99
10) Methyl Iodide	4.416	142	359131	110.647	ug/l #	90
11) Tert butyl alcohol	5.363	59	298937	478.315	ug/l	100
12) 1,1-Dichloroethene	4.175	96	234983	97.211	ug/l	92
13) Acrolein	4.040	56	296686	465.647	ug/l	98
14) Allyl chloride	4.834	41	464780	93.958	ug/l	96
15) Acrylonitrile	5.551	53	840283	447.502	ug/l	99
16) Acetone	4.281	43	704963	429.384	ug/l	97
17) Carbon Disulfide	4.528	76	631854	100.560	ug/l	99
18) Methyl Acetate	4.851	43	426364	82.175	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	922585	98.283	ug/l	99
20) Methylene Chloride	5.092	84	281322	88.350	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	250563	94.104	ug/l	94
22) Diisopropyl ether	6.492	45	929739	91.404	ug/l	96
23) Vinyl Acetate	6.428	43	4070031	476.659	ug/l	94
24) 1,1-Dichloroethane	6.381	63	514073	90.091	ug/l	99
25) 2-Butanone	7.328	43	1143018	438.384	ug/l	93
26) 2,2-Dichloropropane	7.322	77	428927	95.608	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	302926	93.715	ug/l	93
28) Bromochloromethane	7.651	49	239332	95.353	ug/l	86
29) Tetrahydrofuran	7.681	42	757079	442.074	ug/l	91
30) Chloroform	7.810	83	519310	90.037	ug/l	98
31) Cyclohexane	8.092	56	460000	89.062	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	486421	98.499	ug/l	98
36) 1,1-Dichloropropene	8.222	75	387544	98.200	ug/l	97
37) Ethyl Acetate	7.404	43	460489	89.497	ug/l	96
38) Carbon Tetrachloride	8.204	117	427361	100.049	ug/l	97
39) Methylcyclohexane	9.457	83	470247	106.191	ug/l	96
40) Benzene	8.457	78	1132618	93.139	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	262722	102.470	ug/l #	82
42) 1,2-Dichloroethane	8.528	62	438439	93.791	ug/l	97
43) Isopropyl Acetate	8.557	43	728820	86.240	ug/l	96
44) Trichloroethene	9.210	130	289144	100.762	ug/l	95
45) 1,2-Dichloropropane	9.486	63	295949	90.559	ug/l	99
46) Dibromomethane	9.569	93	198914	95.996	ug/l	94
47) Bromodichloromethane	9.757	83	428517	99.178	ug/l	100
48) Methyl methacrylate	9.551	41	361707	105.522	ug/l	91
49) 1,4-Dioxane	9.569	88	119114	2000.683	ug/l #	92
51) 4-Methyl-2-Pentanone	10.327	43	2320019	478.754	ug/l	94
52) Toluene	10.504	92	731256	100.399	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	465754	106.947	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	489880	104.210	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	288812	94.848	ug/l	99
56) Ethyl methacrylate	10.757	69	485655	108.106	ug/l	89
57) 1,3-Dichloropropane	11.039	76	510342	95.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	634796	610.694	ug/l	96
59) 2-Hexanone	11.080	43	1682770	493.152	ug/l	93
60) Dibromochloromethane	11.233	129	334361	106.291	ug/l	99
61) 1,2-Dibromoethane	11.339	107	309564	102.595	ug/l	100
64) Tetrachloroethene	10.974	164	256558	105.892	ug/l	97
65) Chlorobenzene	11.763	112	763624	96.176	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	302933	101.049	ug/l	97
67) Ethyl Benzene	11.839	91	1436854	104.315	ug/l	100
68) m/p-Xylenes	11.945	106	1098889	213.589	ug/l	95
69) o-Xylene	12.274	106	544646	109.259	ug/l	96
70) Styrene	12.286	104	886640	113.097	ug/l	98
71) Bromoform	12.451	173	242459	108.057	ug/l #	99
73) Isopropylbenzene	12.574	105	1426007	91.561	ug/l	98
74) N-amyl acetate	12.380	43	528957	92.018	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	435029	72.391	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	562004	108.861	ug/l	52
77) Bromobenzene	12.857	156	324021	87.230	ug/l	93
78) n-propylbenzene	12.915	91	1615053	94.423	ug/l	98
79) 2-Chlorotoluene	13.004	91	980021	87.173	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	1188663	91.365	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	139357	92.636	ug/l	96
82) 4-Chlorotoluene	13.098	91	965303	92.312	ug/l	96
83) tert-Butylbenzene	13.321	119	1054314	92.464	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1168021	93.316	ug/l	97
85) sec-Butylbenzene	13.498	105	1443540	97.013	ug/l	98
86) p-Isopropyltoluene	13.610	119	1172643	101.115	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	580832	96.487	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	571934	97.648	ug/l	98
89) n-Butylbenzene	13.939	91	941828	106.639	ug/l	98
90) Hexachloroethane	14.204	117	209824	83.639	ug/l	92
91) 1,2-Dichlorobenzene	13.980	146	561758	94.224	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	95026	88.660	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	273606	117.336	ug/l	98
94) Hexachlorobutadiene	15.362	225	129257	81.360	ug/l	98
95) Naphthalene	15.498	128	890771	134.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	267876	118.059	ug/l	99

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QLast Update : Tue May 10 15:27:58 2022
Response via : Initial Calibration

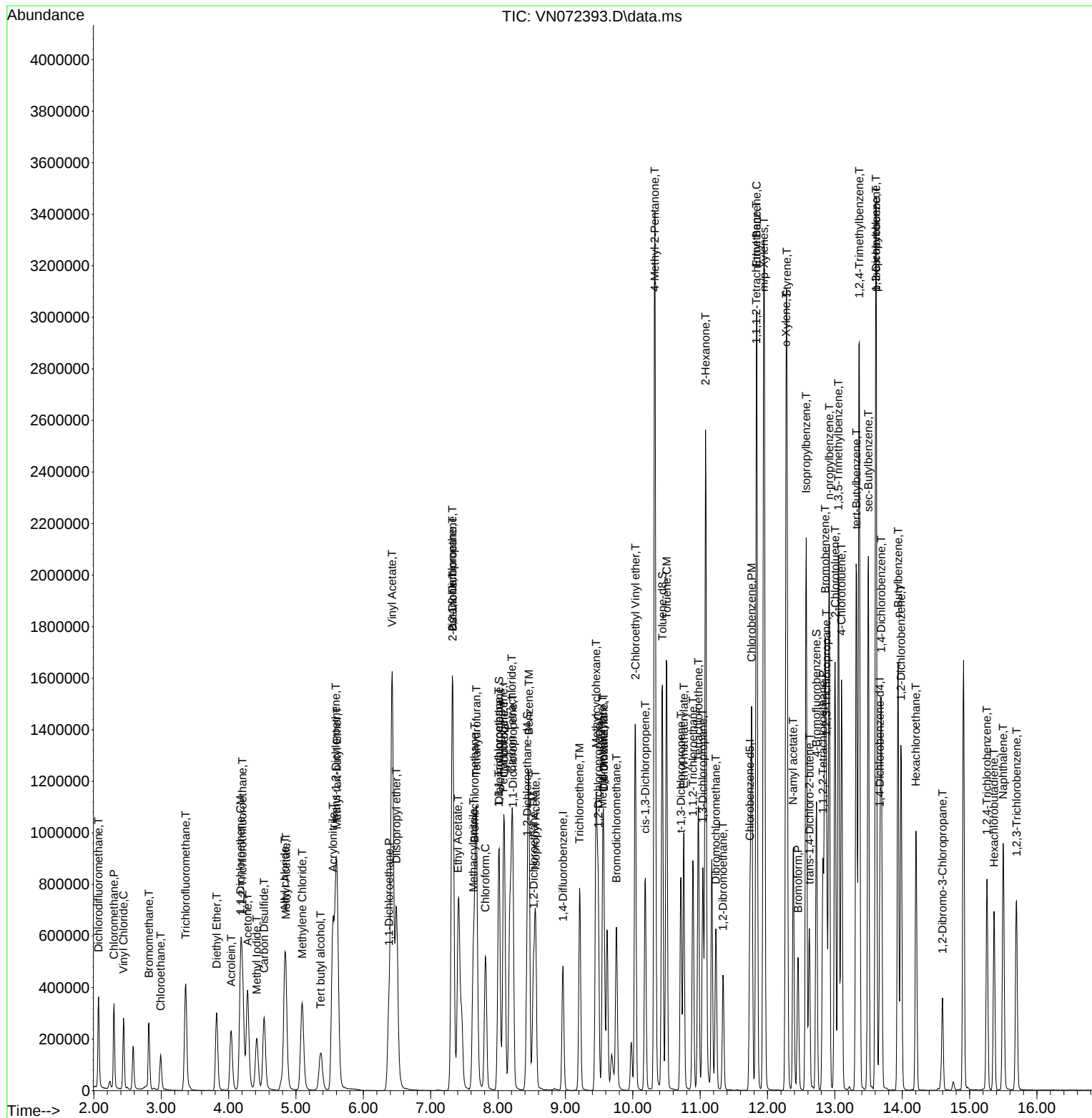
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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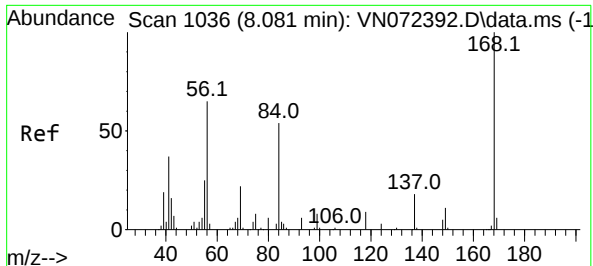
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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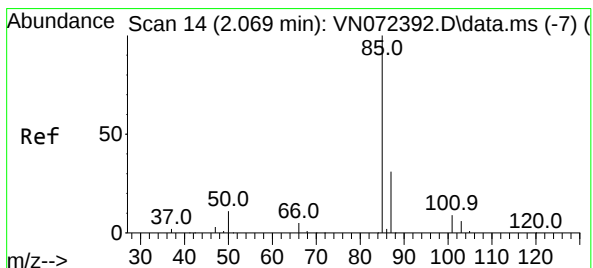
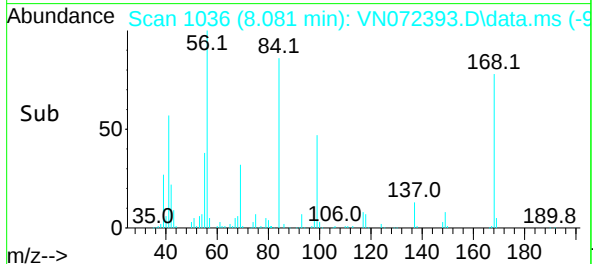
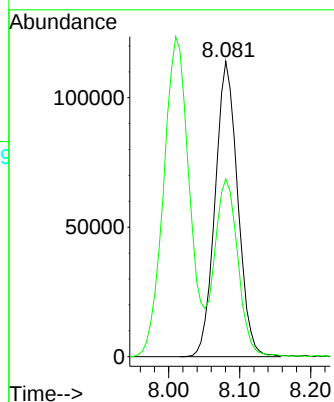
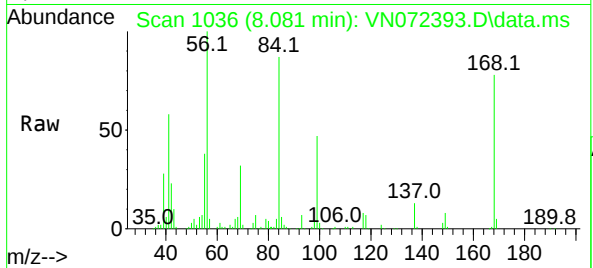




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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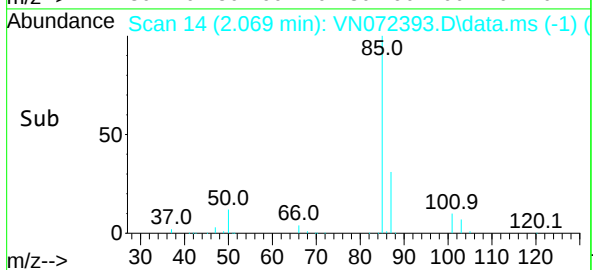
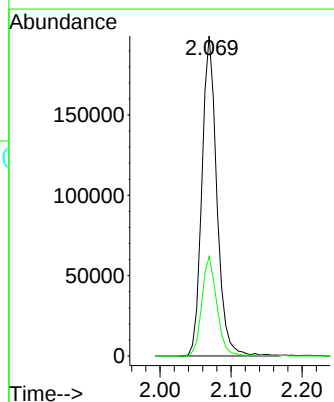
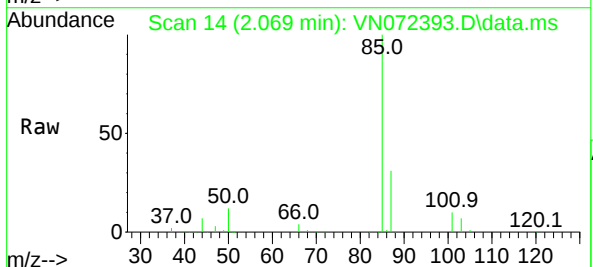
Instrument :
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VSTDIC100

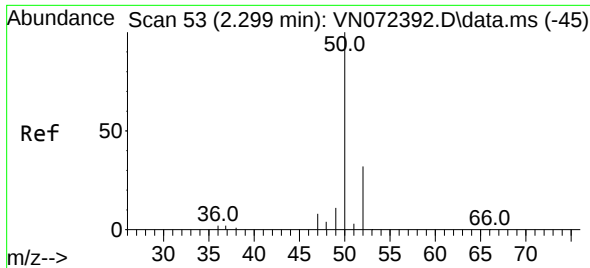
Tgt Ion:168 Resp: 251386
Ion Ratio Lower Upper
168 100
99 59.9 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 92.624 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 85 Resp: 292166
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.1

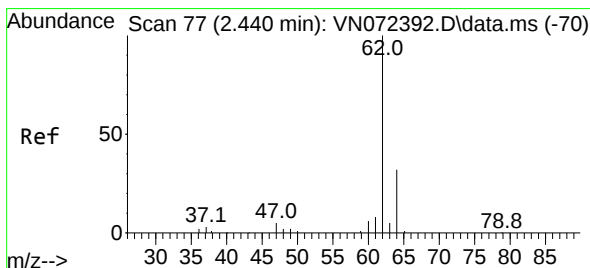
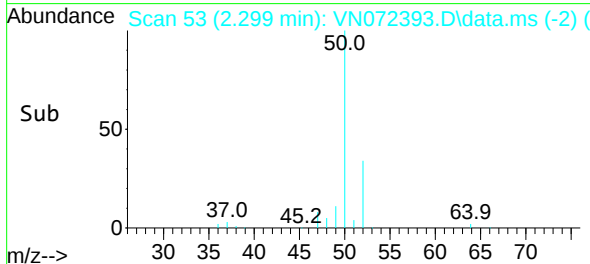
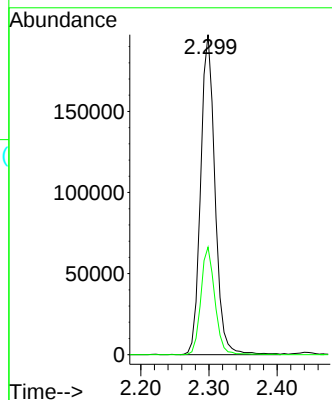
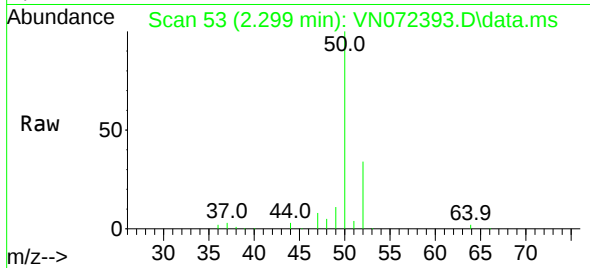




#3
Chloromethane
Concen: 75.761 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

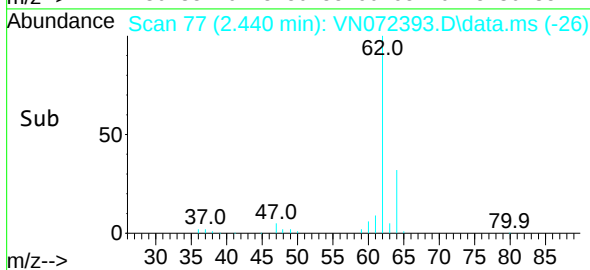
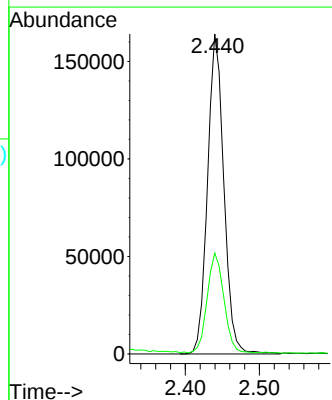
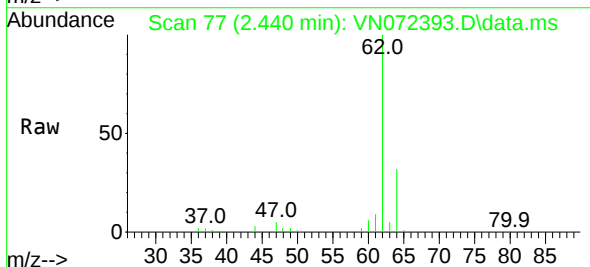
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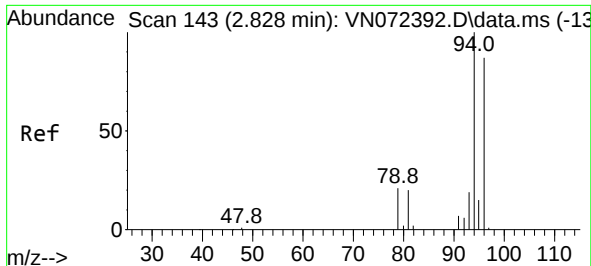
Tgt Ion: 50 Resp: 289110
Ion Ratio Lower Upper
50 100
52 33.6 25.7 38.5



#4
Vinyl Chloride
Concen: 88.757 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 62 Resp: 251068
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.4

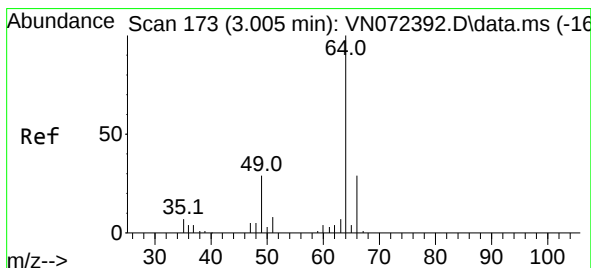
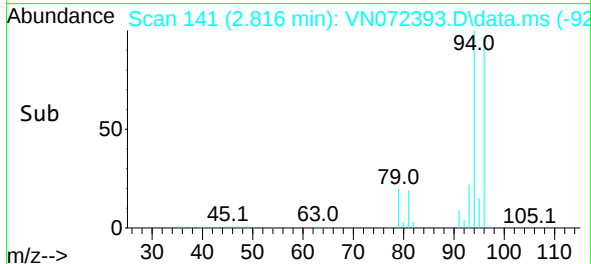
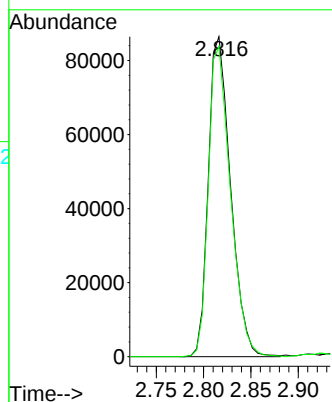
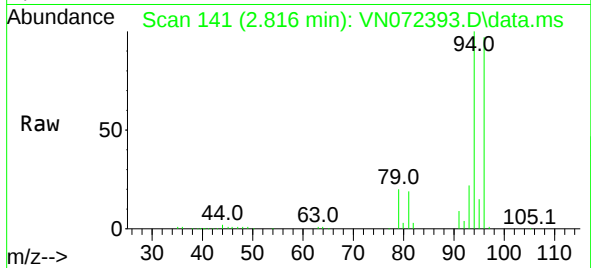




#5
Bromomethane
Concen: 90.667 ug/l
RT: 2.816 min Scan# 141
Delta R.T. -0.012 min
Lab File: VN072393.D
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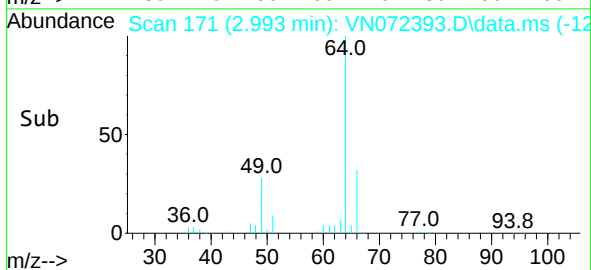
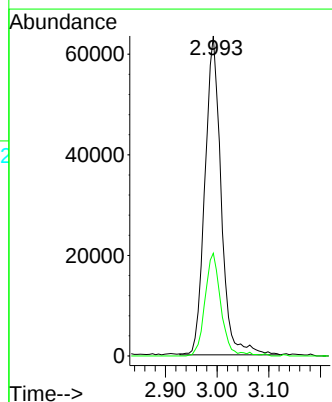
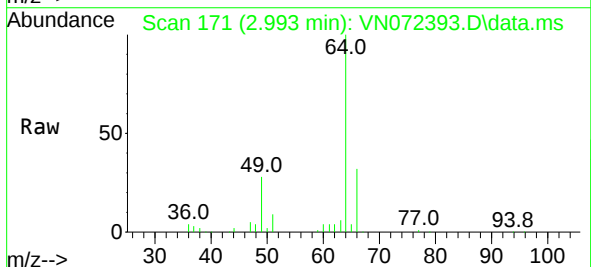
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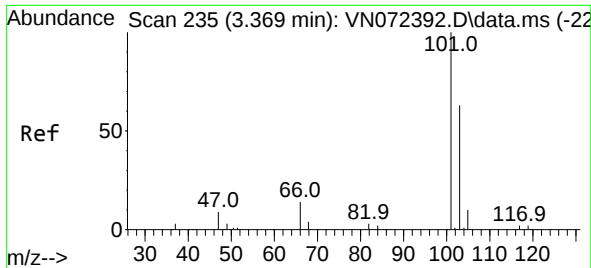
Tgt Ion: 94 Resp: 141511
Ion Ratio Lower Upper
94 100
96 96.9 76.0 114.0



#6
Chloroethane
Concen: 76.418 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.012 min
Lab File: VN072393.D
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Tgt Ion: 64 Resp: 138311
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4

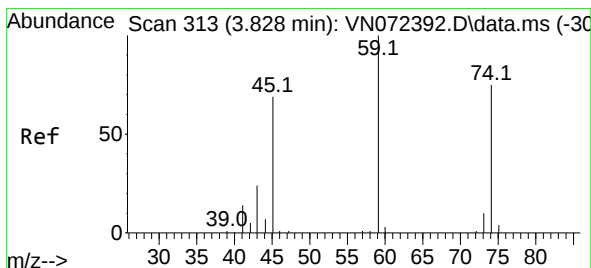
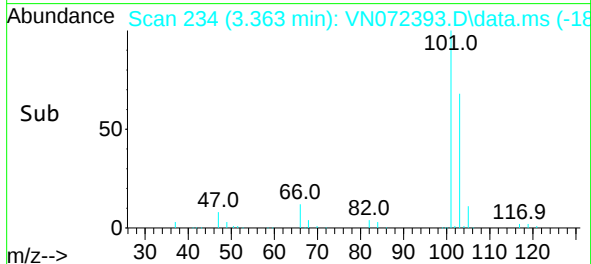
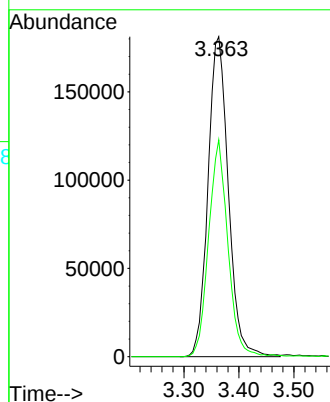
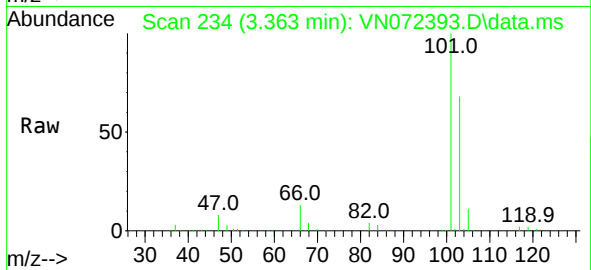




#7
 Trichlorofluoromethane
 Concen: 93.369 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072393.D
 Acq: 10 May 2022 15:06

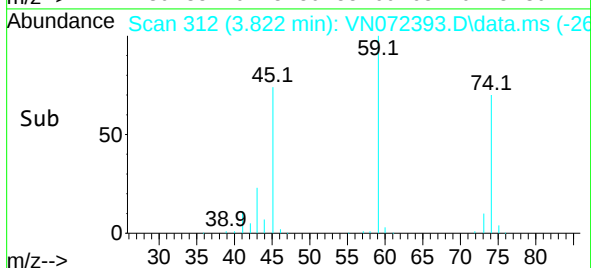
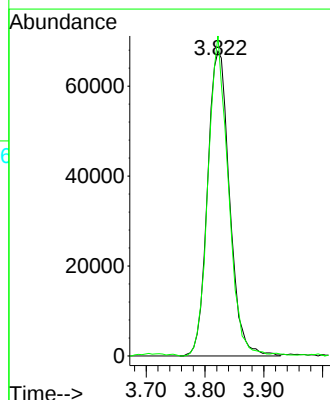
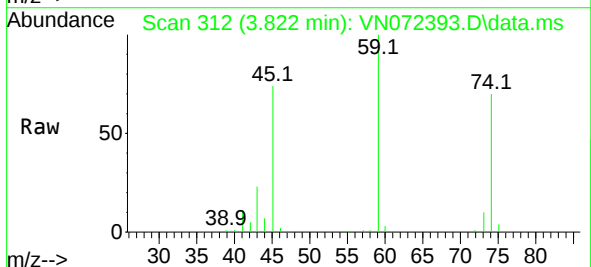
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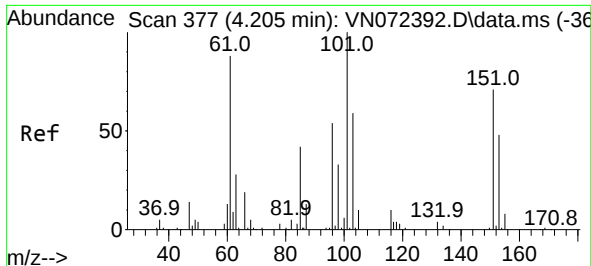
Tgt Ion:101 Resp: 465722
 Ion Ratio Lower Upper
 101 100
 103 67.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 98.609 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.006 min
 Lab File: VN072393.D
 Acq: 10 May 2022 15:06

Tgt Ion: 74 Resp: 176368
 Ion Ratio Lower Upper
 74 100
 45 96.4 42.9 128.5

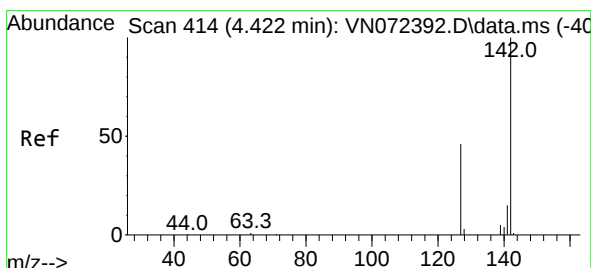
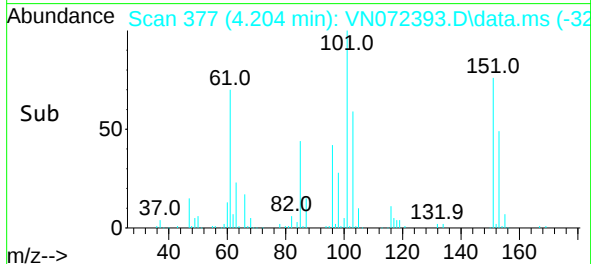
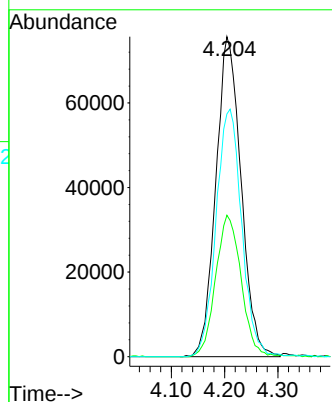
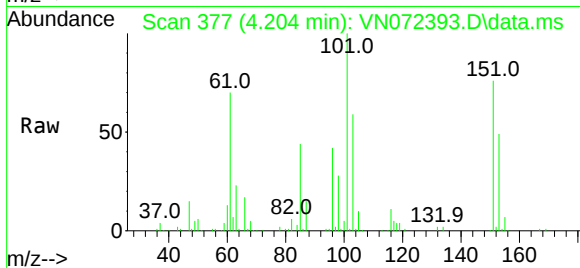




#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.960 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

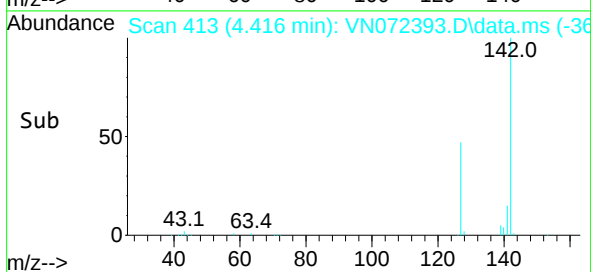
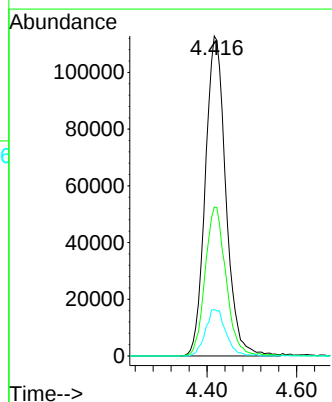
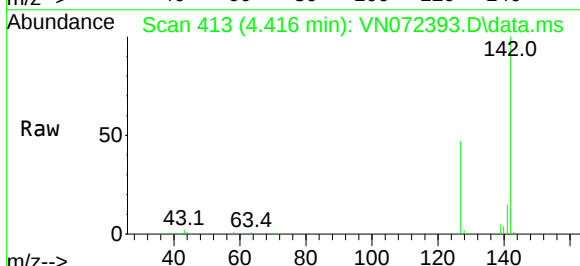
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

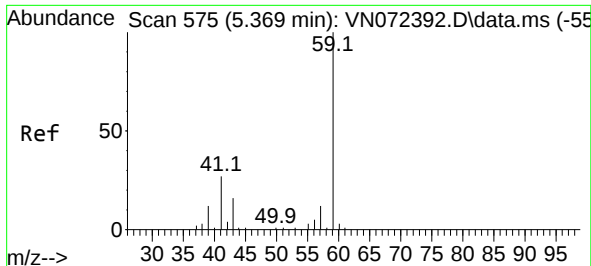
Tgt Ion:101 Resp: 248604
Ion Ratio Lower Upper
101 100
85 44.8 34.7 52.1
151 78.8 63.0 94.4



#10
Methyl Iodide
Concen: 110.647 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion:142 Resp: 359131
Ion Ratio Lower Upper
142 100
127 46.9 31.3 46.9#
141 14.3 11.2 16.8

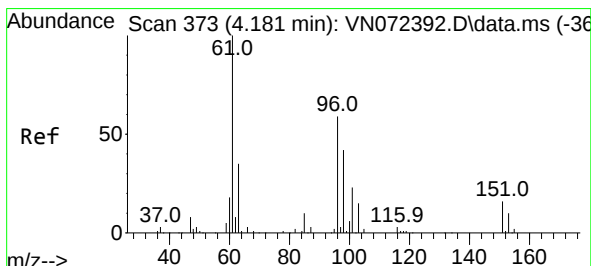
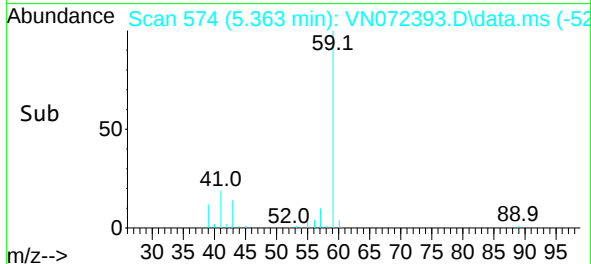
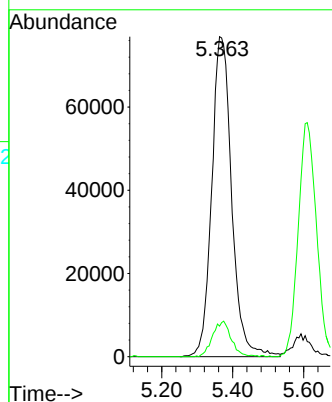
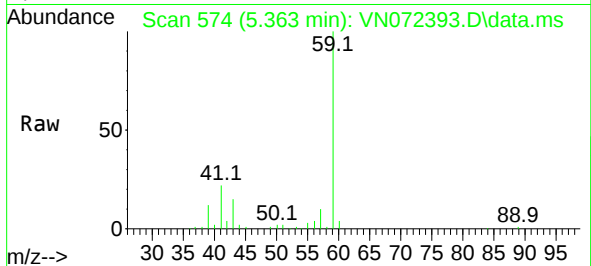




#11
Tert butyl alcohol
Concen: 478.315 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

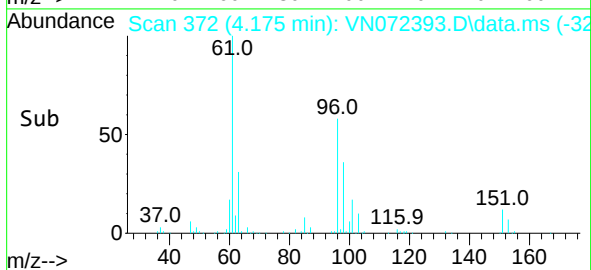
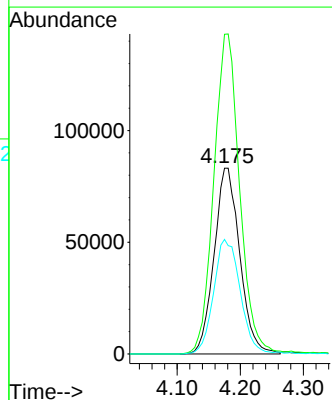
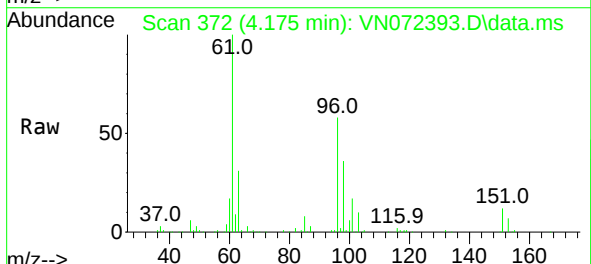
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

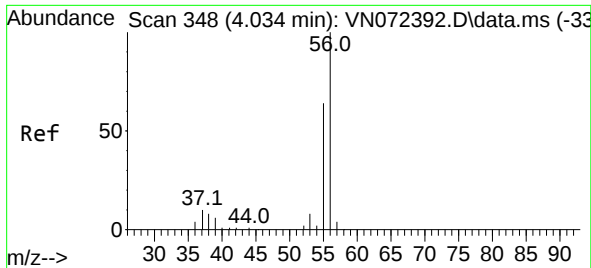
Tgt Ion: 59 Resp: 298937
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 97.211 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 96 Resp: 234983
Ion Ratio Lower Upper
96 100
61 172.1 127.6 191.4
98 61.7 51.2 76.8

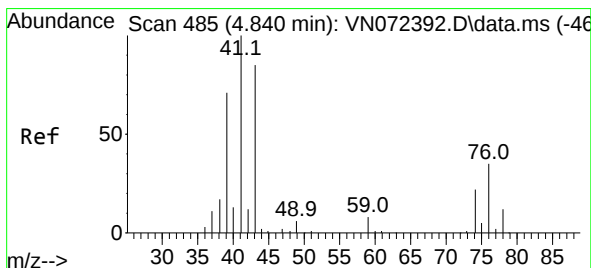
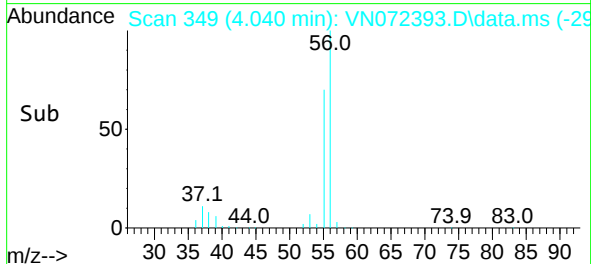
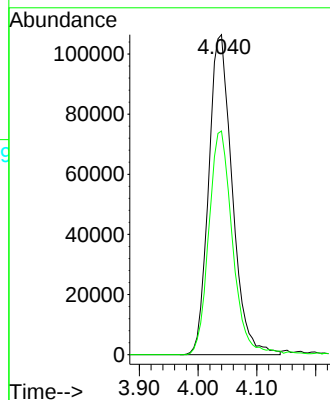
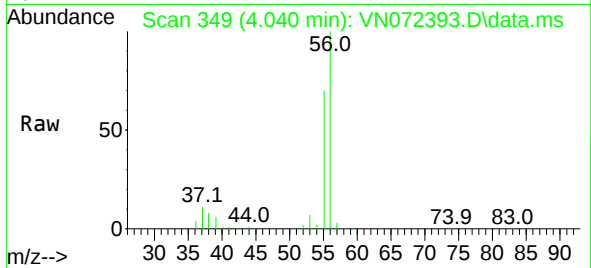




#13
Acrolein
Concen: 465.647 ug/l
RT: 4.040 min Scan# 34
Delta R.T. 0.006 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

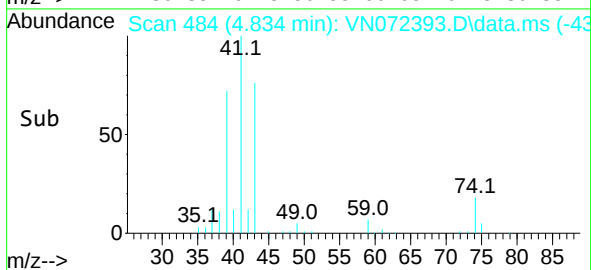
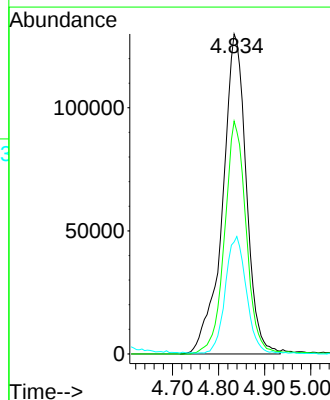
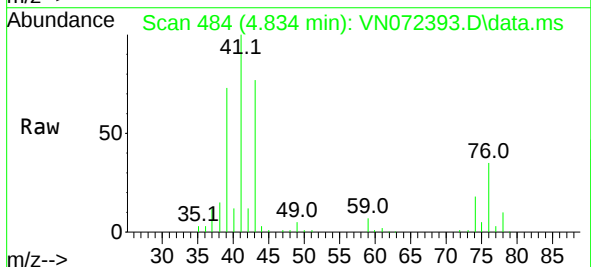
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

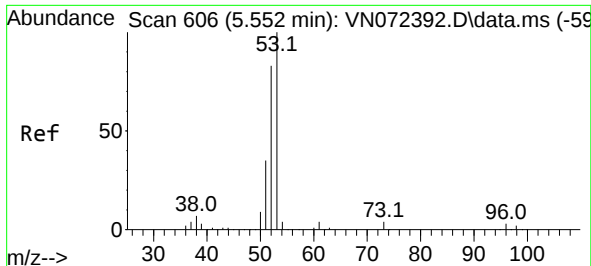
Tgt Ion: 56 Resp: 296686
Ion Ratio Lower Upper
56 100
55 70.1 54.8 82.2



#14
Allyl chloride
Concen: 93.958 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

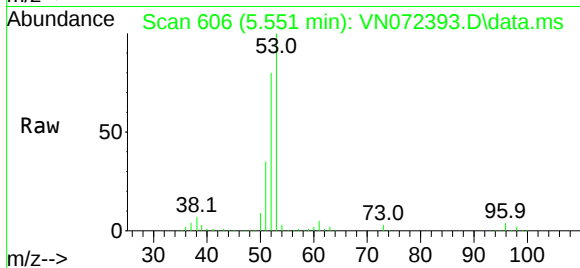
Tgt Ion: 41 Resp: 464780
Ion Ratio Lower Upper
41 100
39 66.1 53.2 79.8
76 32.0 29.9 44.9



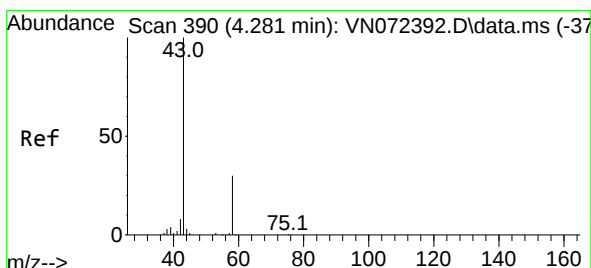
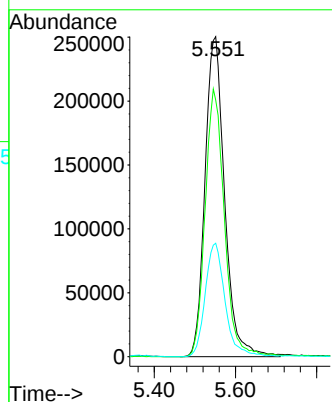
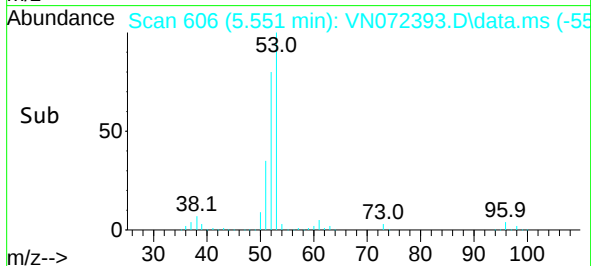


#15
Acrylonitrile
Concen: 447.502 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

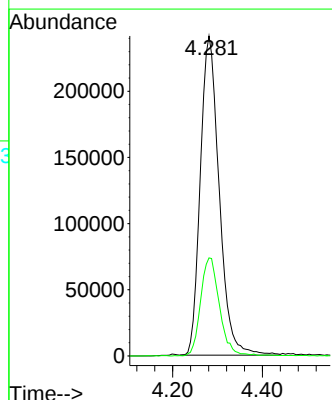
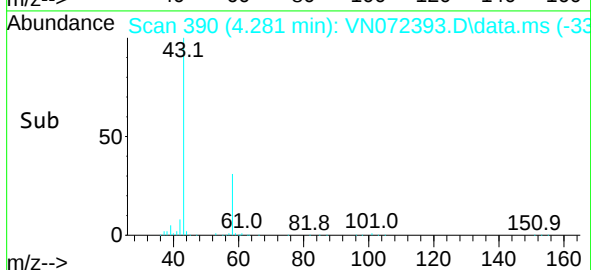
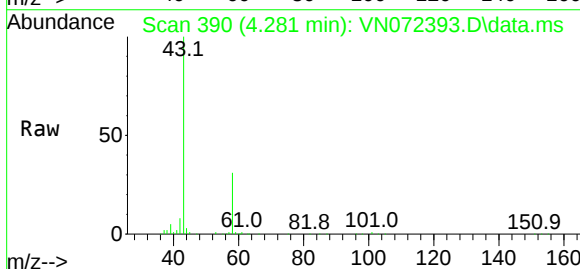


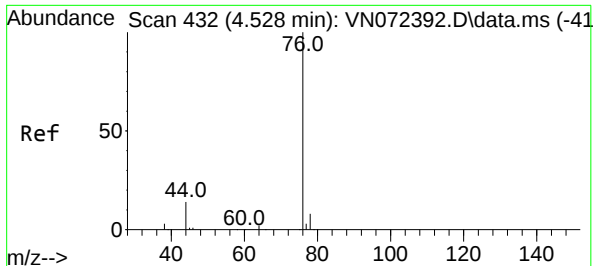
Tgt Ion: 53 Resp: 840283
Ion Ratio Lower Upper
53 100
52 81.7 66.4 99.6
51 35.9 28.5 42.7



#16
Acetone
Concen: 429.384 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 43 Resp: 704963
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0

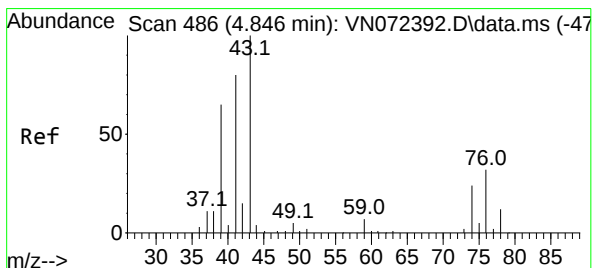
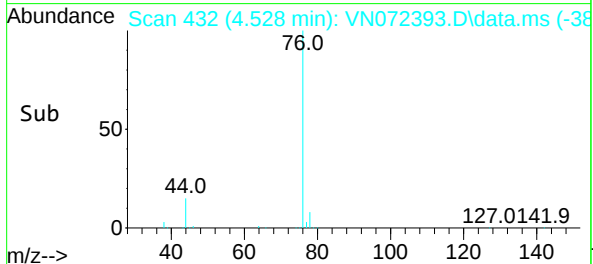
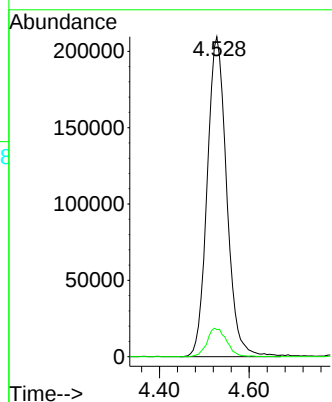
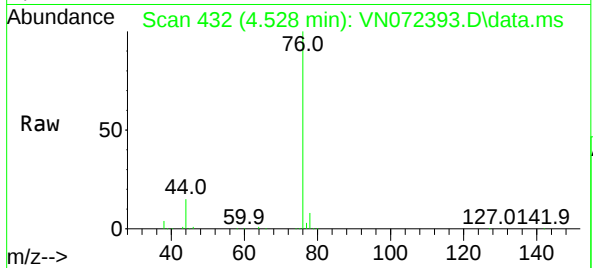




#17
Carbon Disulfide
Concen: 100.560 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

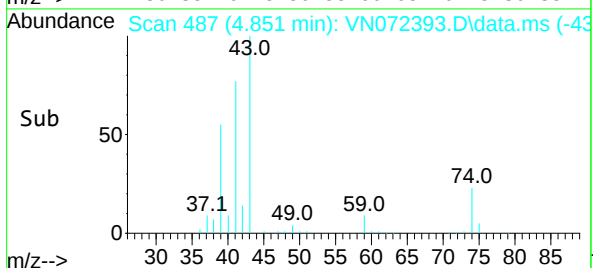
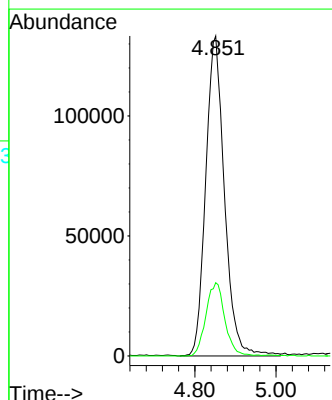
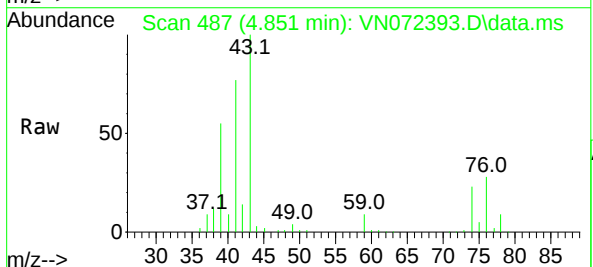
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

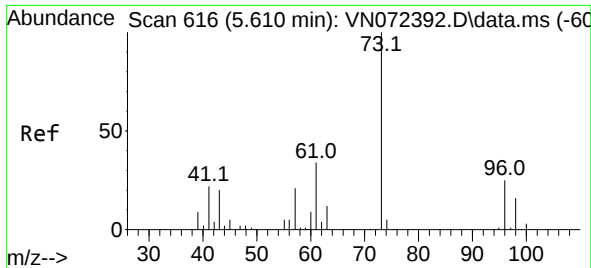
Tgt Ion: 76 Resp: 631854
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 82.175 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 43 Resp: 426364
Ion Ratio Lower Upper
43 100
74 23.0 21.6 32.4

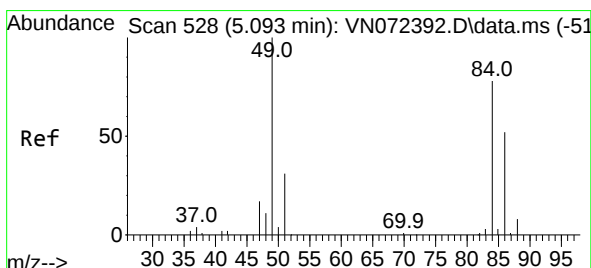
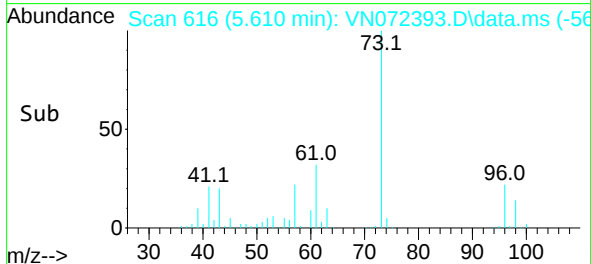
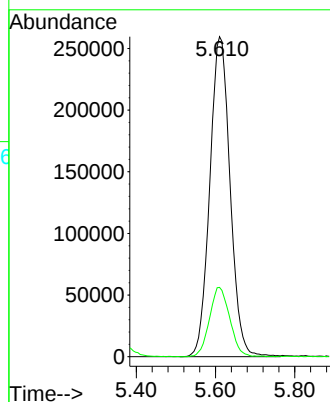
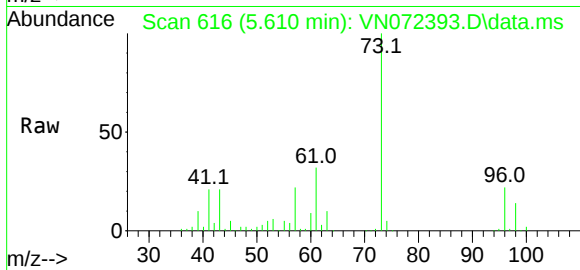




#19
Methyl tert-butyl Ether
Concen: 98.283 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

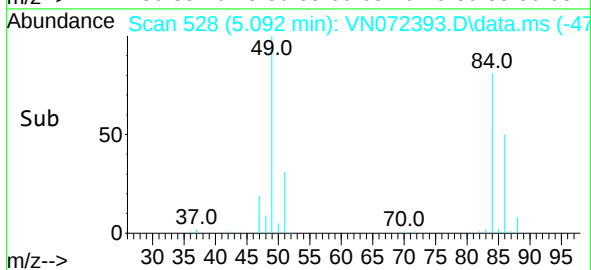
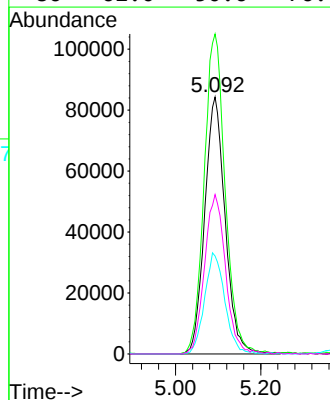
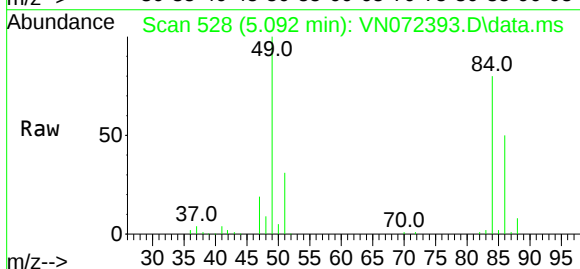
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

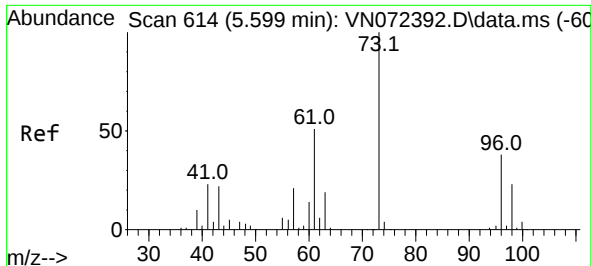
Tgt Ion: 73 Resp: 922585
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4



#20
Methylene Chloride
Concen: 88.350 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 84 Resp: 281322
Ion Ratio Lower Upper
84 100
49 124.6 88.3 132.5
51 38.1 28.2 42.2
86 62.0 50.6 76.0

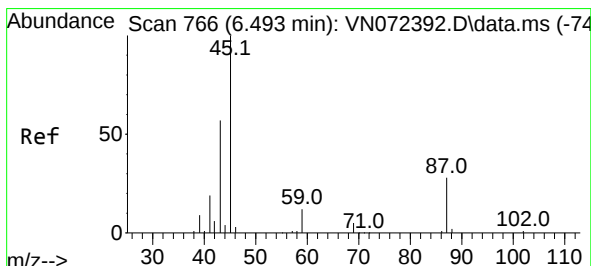
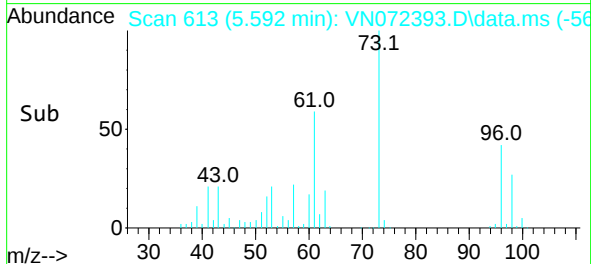
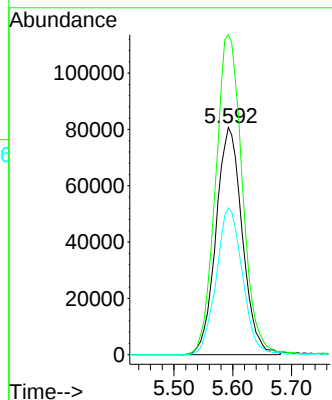
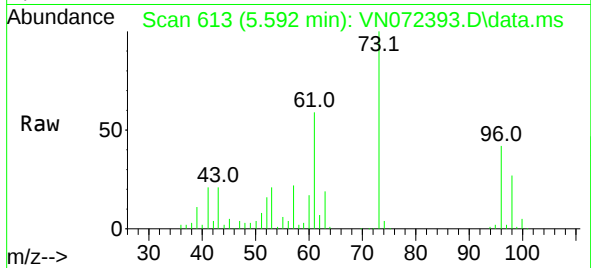




#21
trans-1,2-Dichloroethene
Concen: 94.104 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

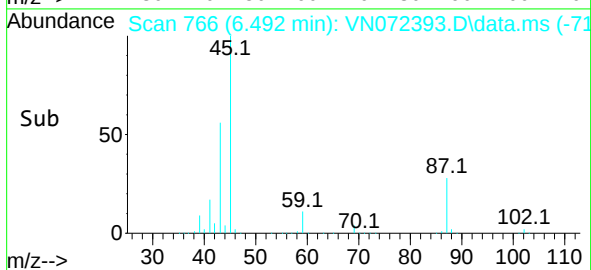
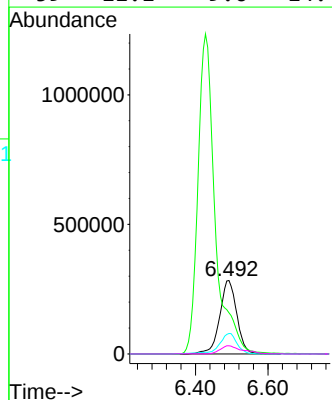
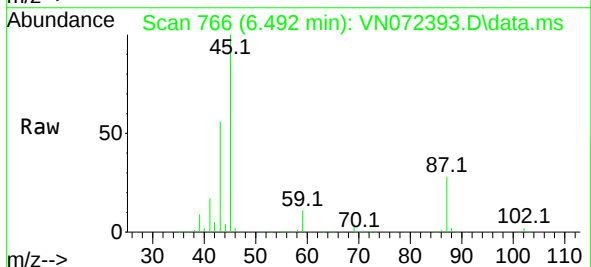
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

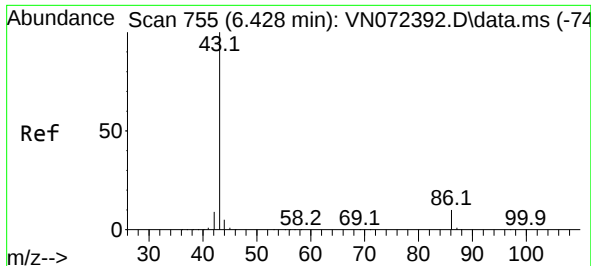
Tgt Ion: 96 Resp: 250563
Ion Ratio Lower Upper
96 100
61 140.8 105.8 158.8
98 64.6 50.3 75.5



#22
Diisopropyl ether
Concen: 91.404 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 45 Resp: 929739
Ion Ratio Lower Upper
45 100
43 55.8 46.6 70.0
87 27.8 24.3 36.5
59 11.1 9.6 14.4

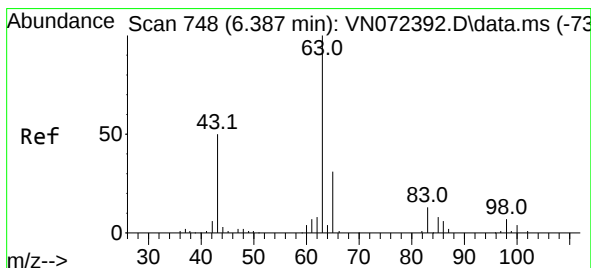
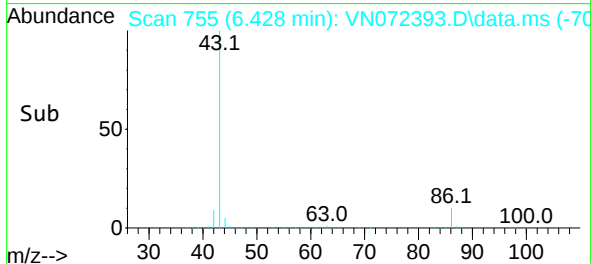
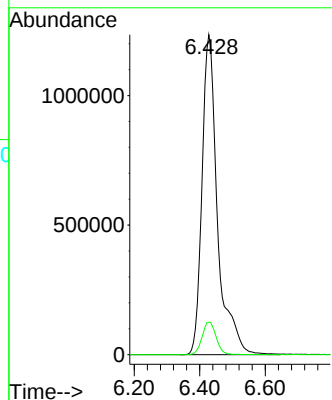
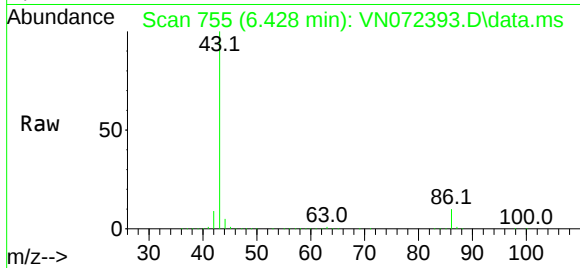




#23
 Vinyl Acetate
 Concen: 476.659 ug/l
 RT: 6.428 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VN072393.D
 Acq: 10 May 2022 15:06

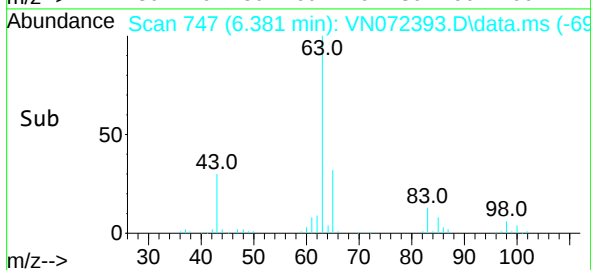
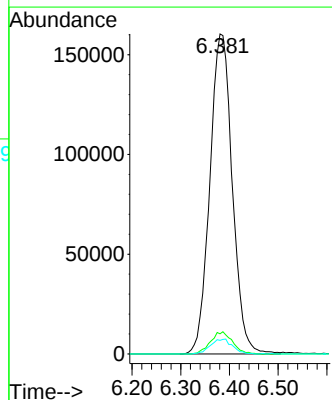
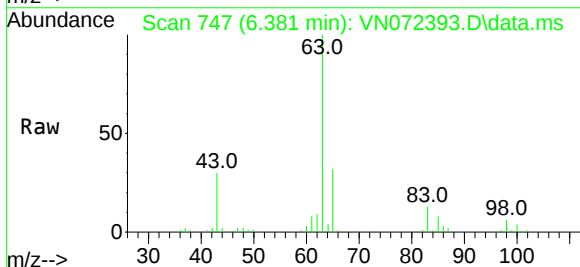
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

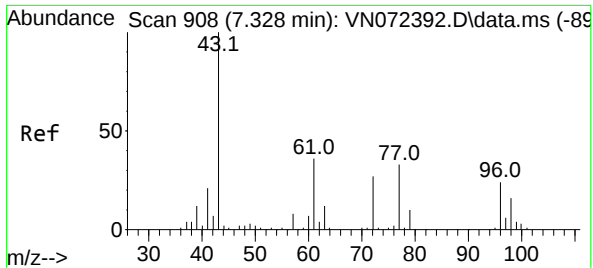
Tgt Ion: 43 Resp: 4070031
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 90.091 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072393.D
 Acq: 10 May 2022 15:06

Tgt Ion: 63 Resp: 514073
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.3 2.3 6.8

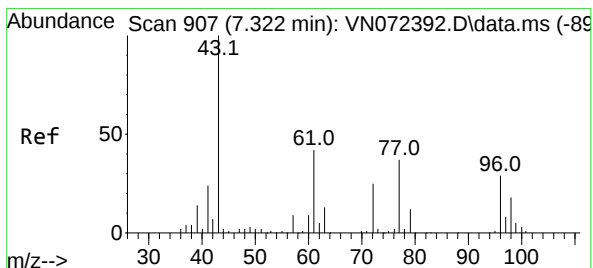
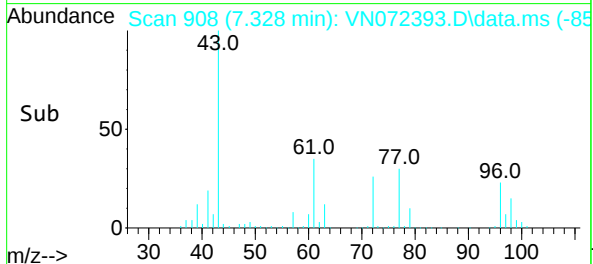
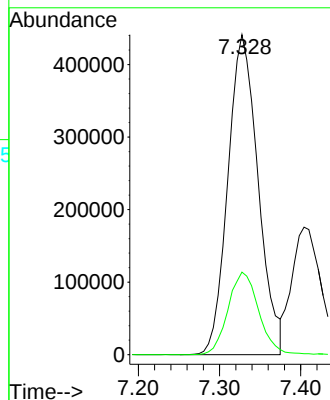
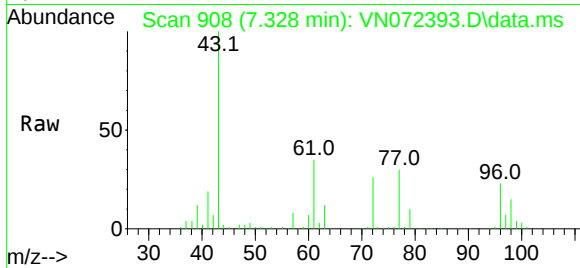




#25
2-Butanone
Concen: 438.384 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

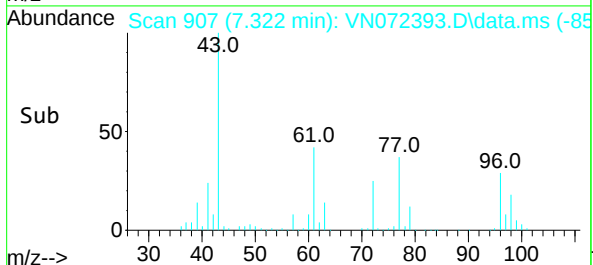
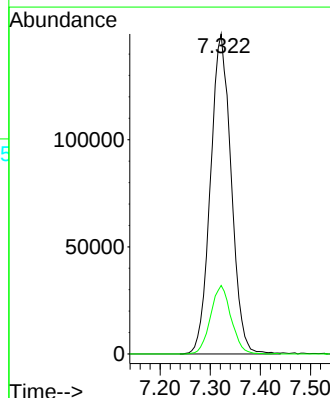
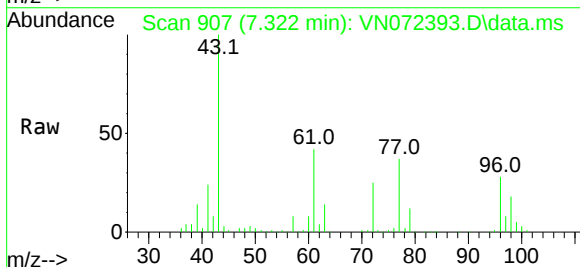
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

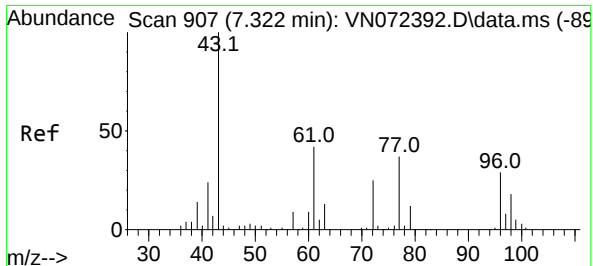
Tgt Ion: 43 Resp: 1143018
Ion Ratio Lower Upper
43 100
72 25.8 23.7 35.5



#26
2,2-Dichloropropane
Concen: 95.608 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 77 Resp: 428927
Ion Ratio Lower Upper
77 100
97 21.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 93.715 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

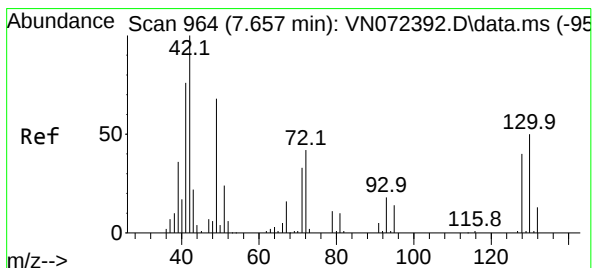
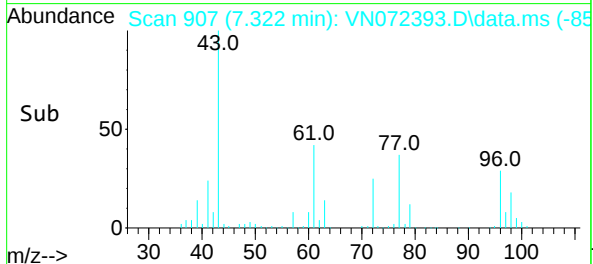
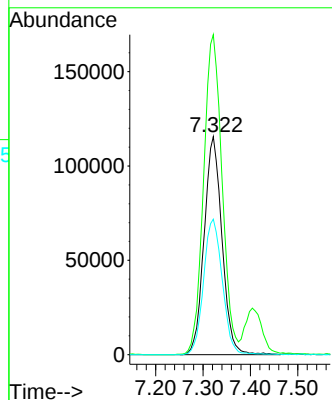
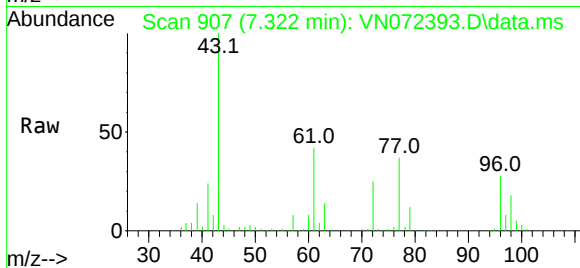
Tgt Ion: 96 Resp: 302926

Ion Ratio Lower Upper

96 100

61 151.8 0.0 280.6

98 65.4 0.0 128.4



#28

Bromochloromethane

Concen: 95.353 ug/l

RT: 7.651 min Scan# 963

Delta R.T. -0.006 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

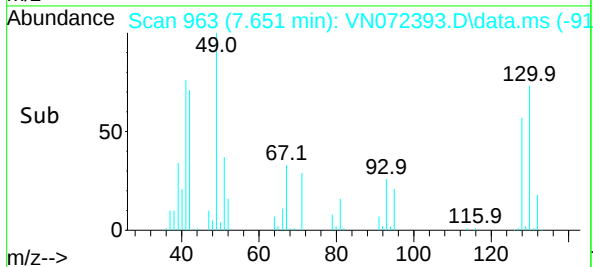
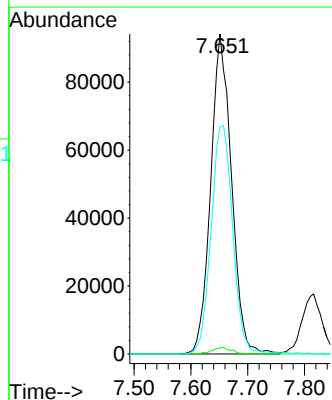
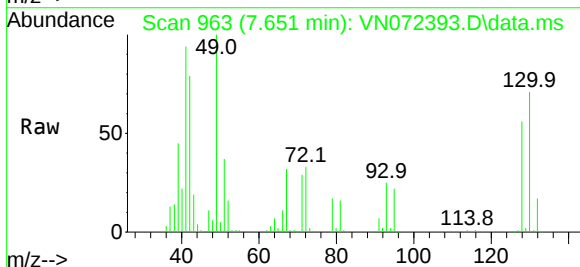
Tgt Ion: 49 Resp: 239332

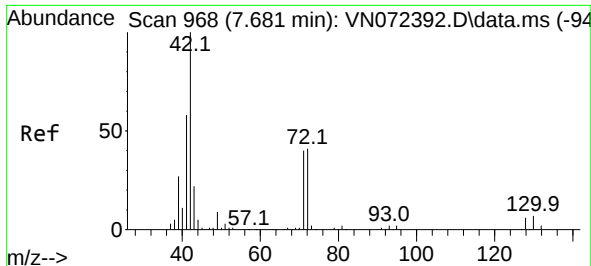
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 74.3 69.7 104.5





#29

Tetrahydrofuran

Concen: 442.074 ug/l

RT: 7.681 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Instrument :

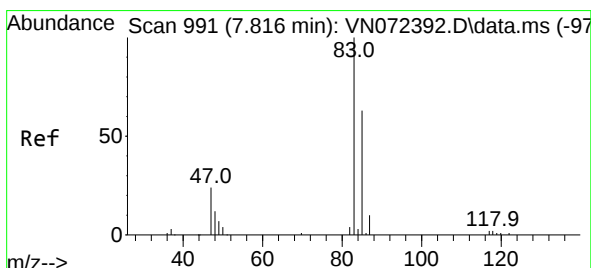
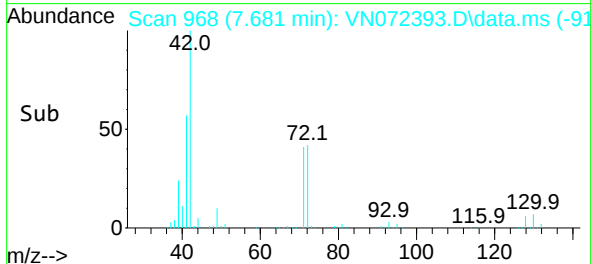
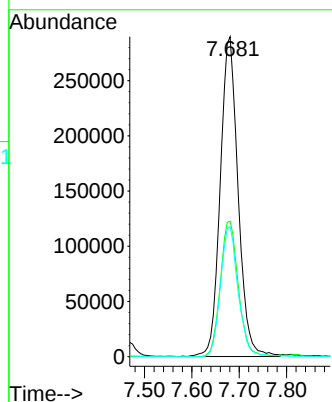
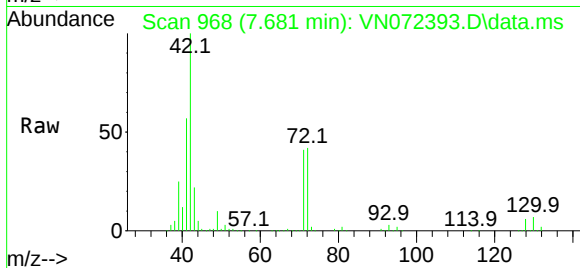
MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 757079

Ion	Ratio	Lower	Upper
42	100		
72	42.8	39.7	59.5
71	40.3	36.6	55.0



#30

Chloroform

Concen: 90.037 ug/l

RT: 7.810 min Scan# 990

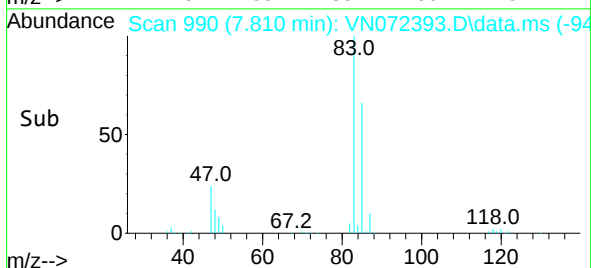
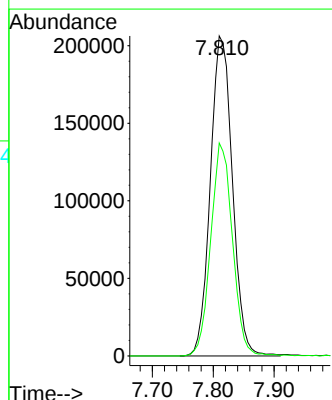
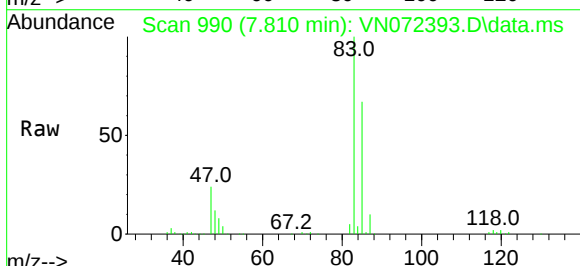
Delta R.T. -0.006 min

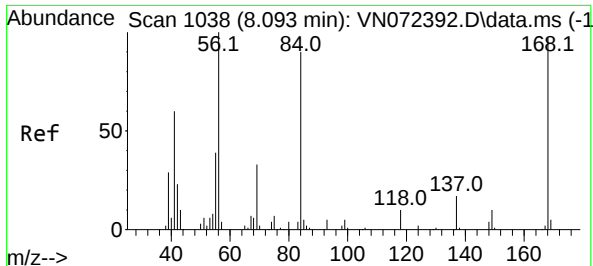
Lab File: VN072393.D

Acq: 10 May 2022 15:06

Tgt Ion: 83 Resp: 519310

Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.8	77.8





#31

Cyclohexane

Concen: 89.062 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

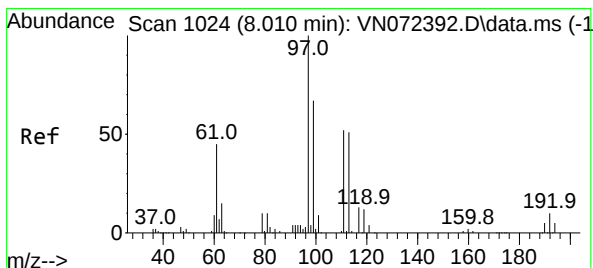
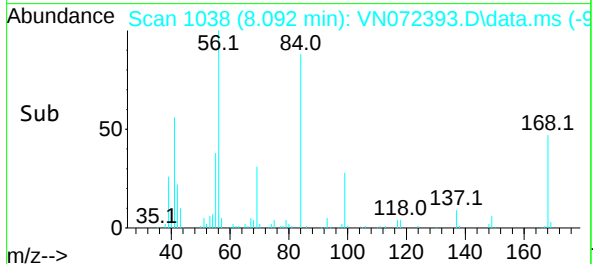
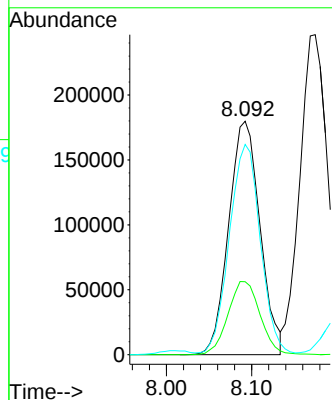
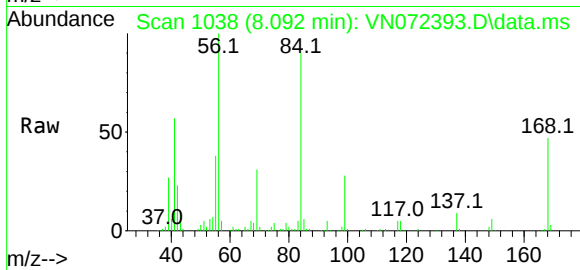
Tgt Ion: 56 Resp: 460000

Ion Ratio Lower Upper

56 100

69 31.2 27.8 41.8

84 88.4 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 98.499 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

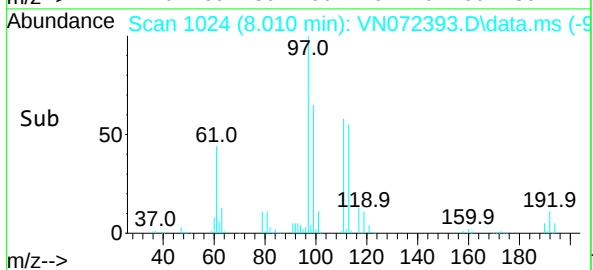
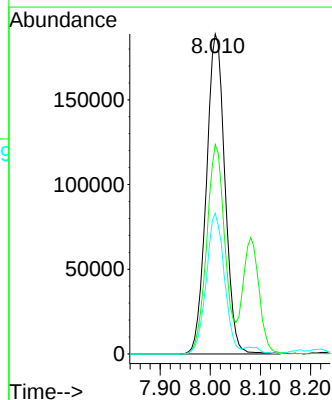
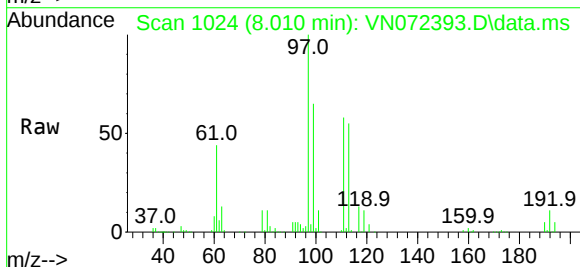
Tgt Ion: 97 Resp: 486421

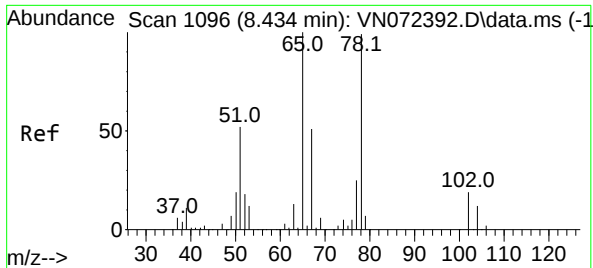
Ion Ratio Lower Upper

97 100

99 64.1 50.6 76.0

61 43.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 100.851 ug/l

RT: 8.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

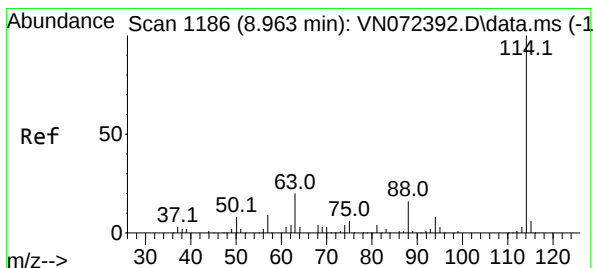
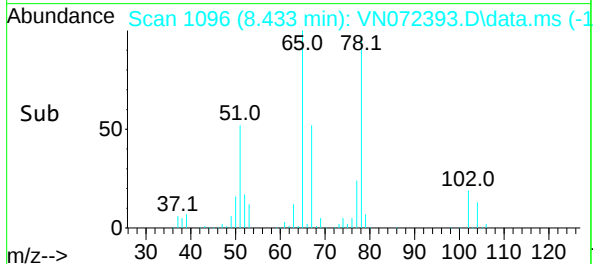
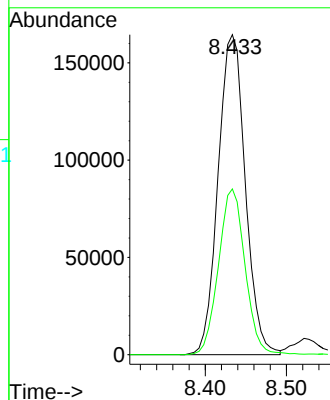
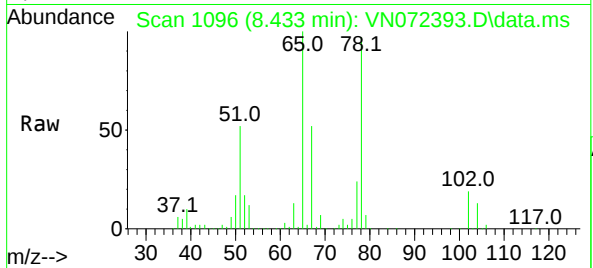
VSTDICC100

Tgt Ion: 65 Resp: 383262

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

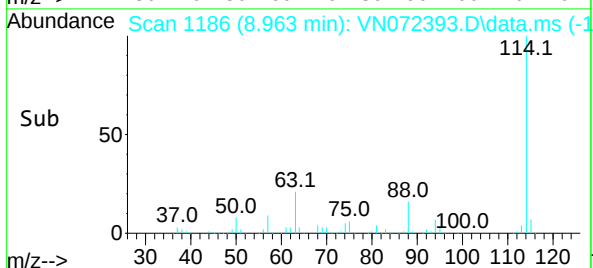
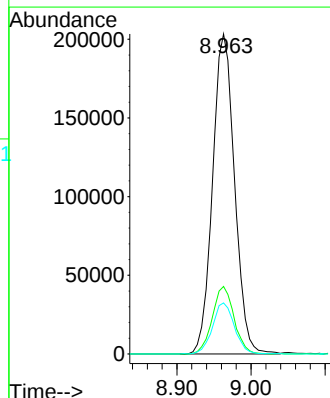
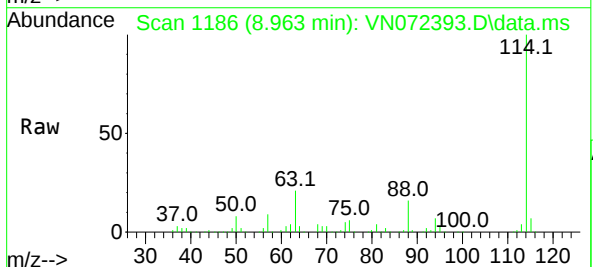
Tgt Ion: 114 Resp: 418815

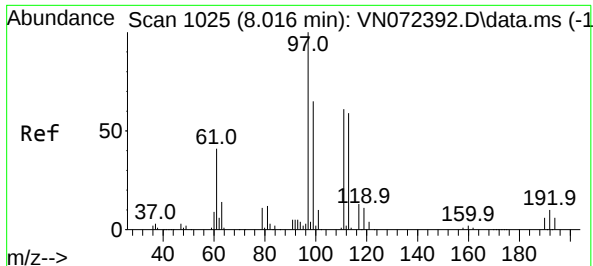
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 103.552 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

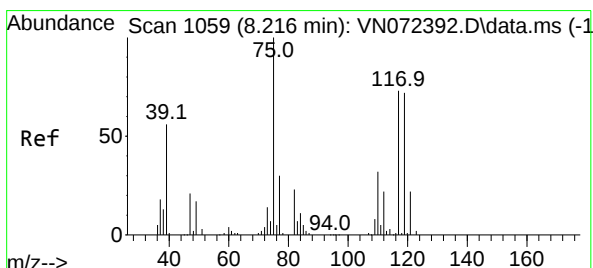
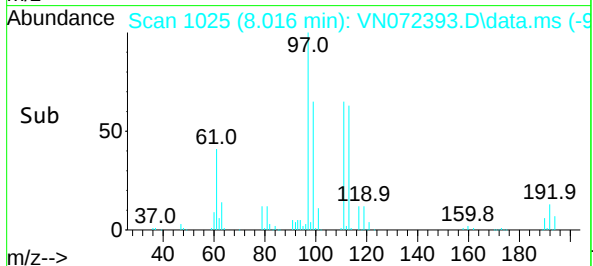
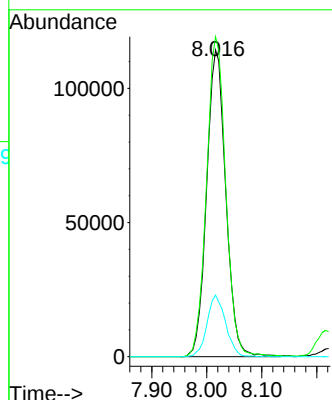
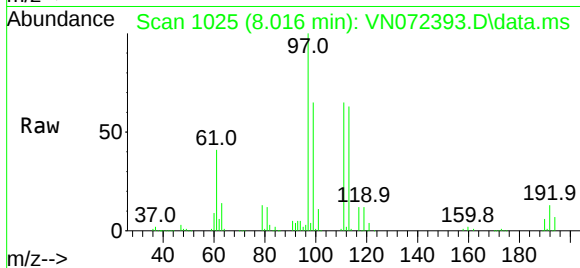
Tgt Ion:113 Resp: 277480

Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 19.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 98.200 ug/l

RT: 8.222 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

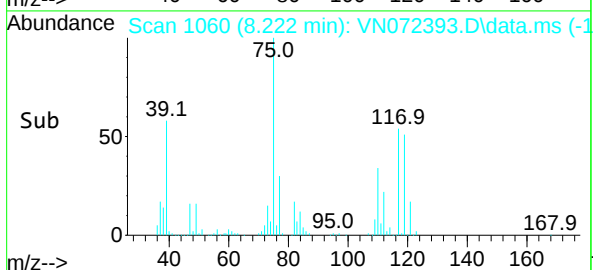
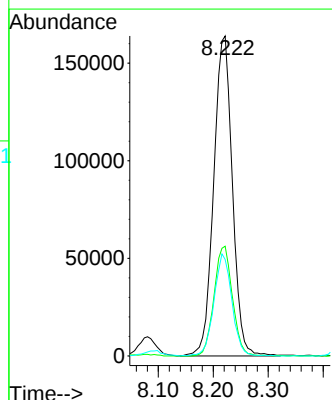
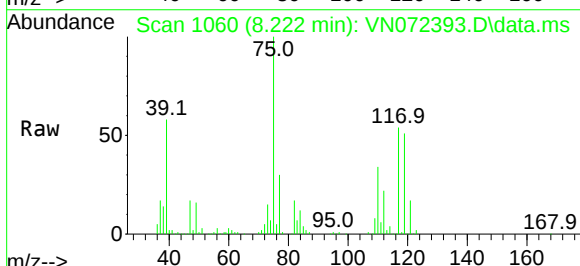
Tgt Ion: 75 Resp: 387544

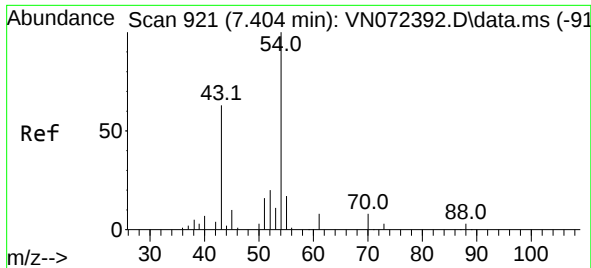
Ion Ratio Lower Upper

75 100

110 33.8 18.3 54.8

77 30.6 25.1 37.7

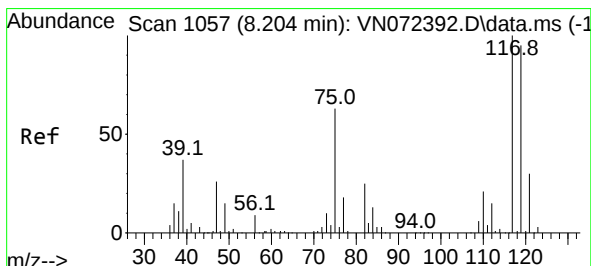
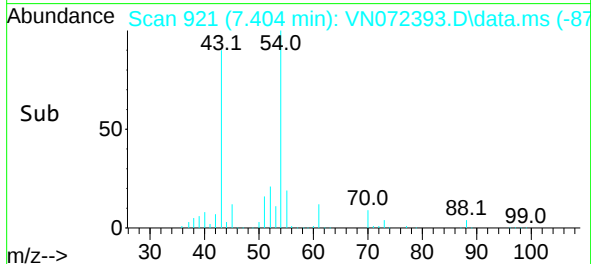
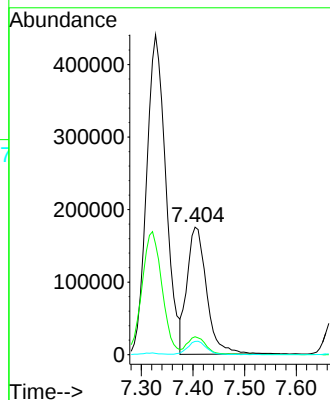
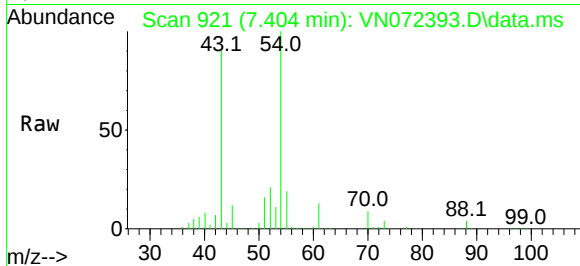




#37
Ethyl Acetate
Concen: 89.497 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

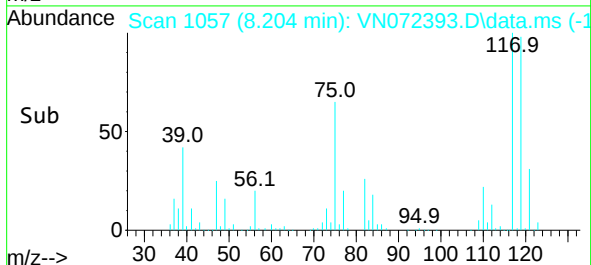
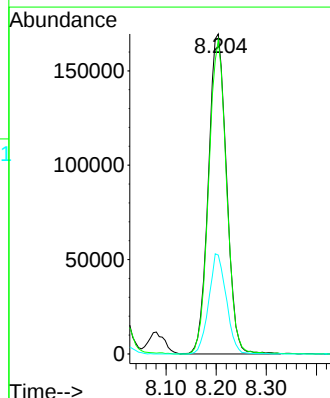
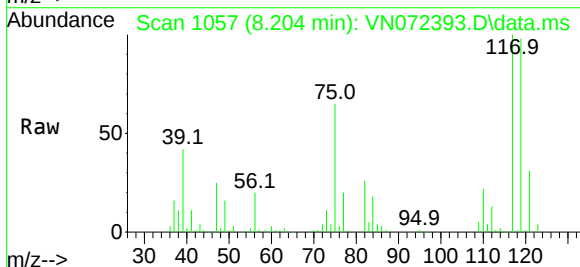
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

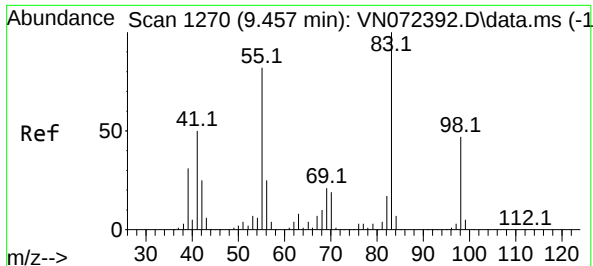
Tgt Ion: 43 Resp: 460489
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.6
70 9.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 100.049 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 117 Resp: 427361
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8
121 30.9 24.6 37.0





#39

Methylcyclohexane

Concen: 106.191 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

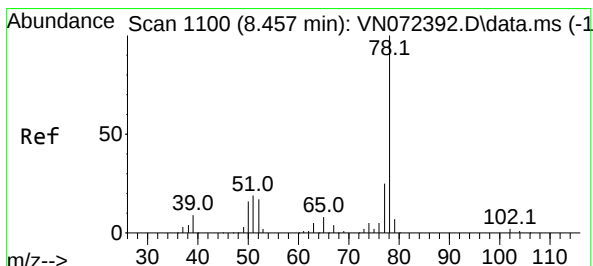
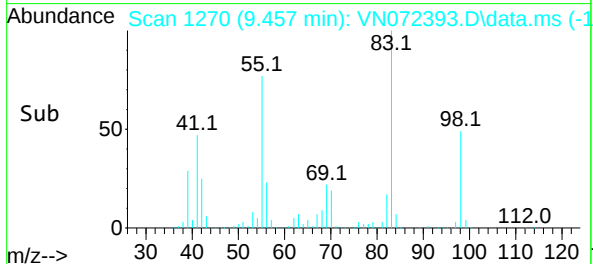
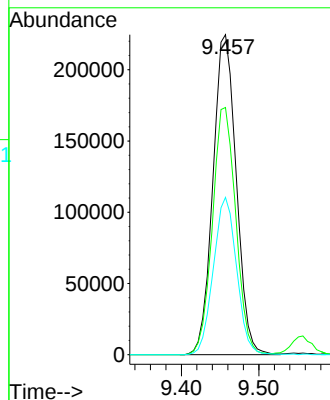
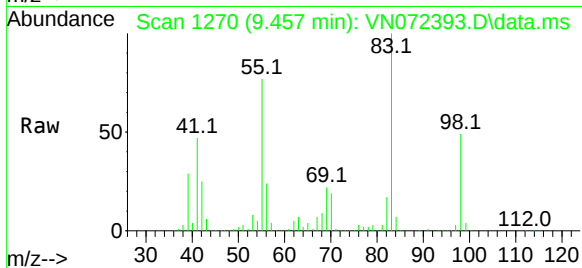
Tgt Ion: 83 Resp: 470247

Ion Ratio Lower Upper

83 100

55 77.3 57.8 86.8

98 49.2 39.4 59.2



#40

Benzene

Concen: 93.139 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072393.D

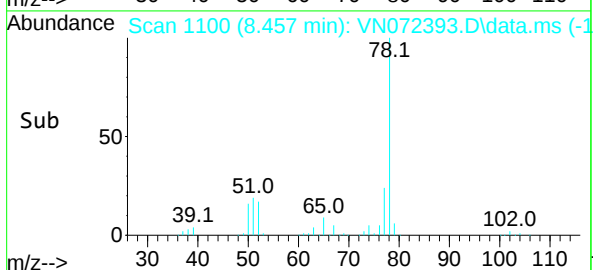
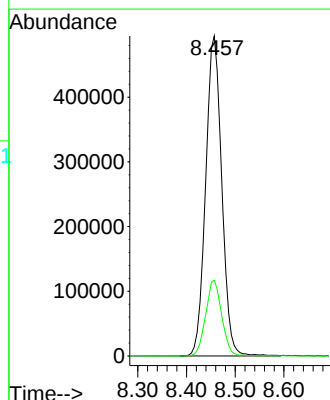
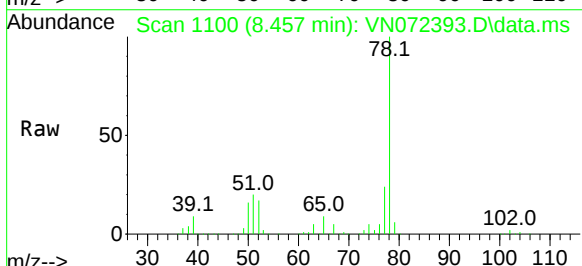
Acq: 10 May 2022 15:06

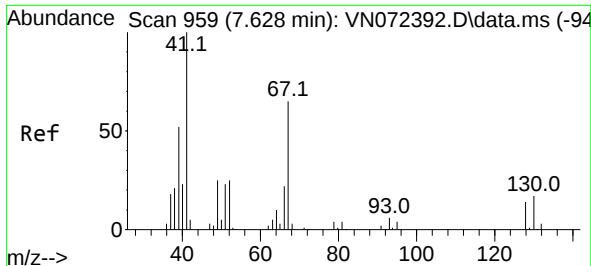
Tgt Ion: 78 Resp: 1132618

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0

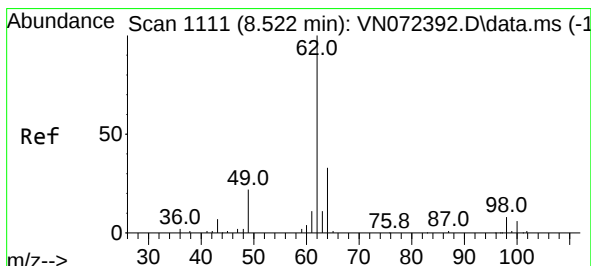
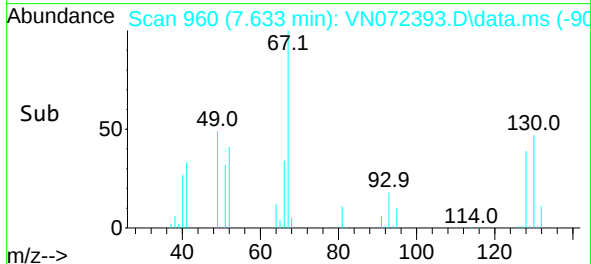
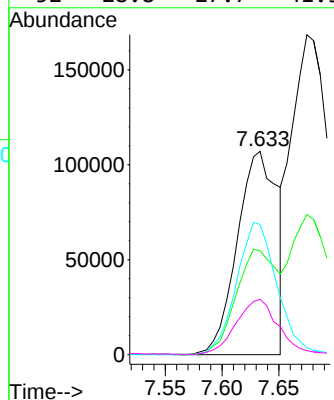
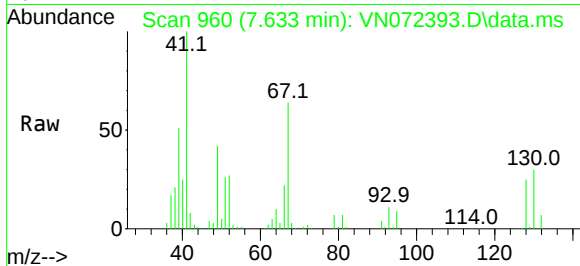




#41
Methacrylonitrile
Concen: 102.470 ug/l
RT: 7.633 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

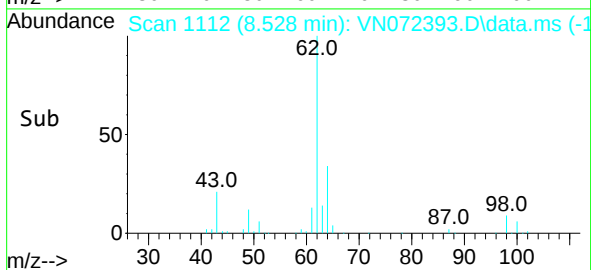
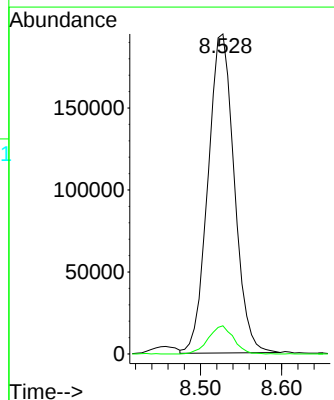
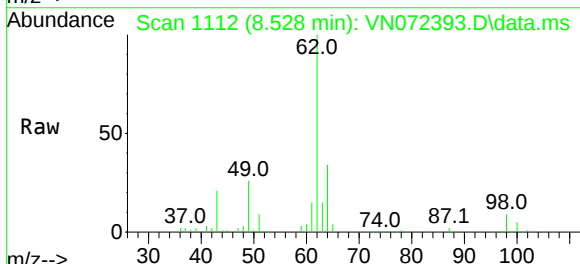
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

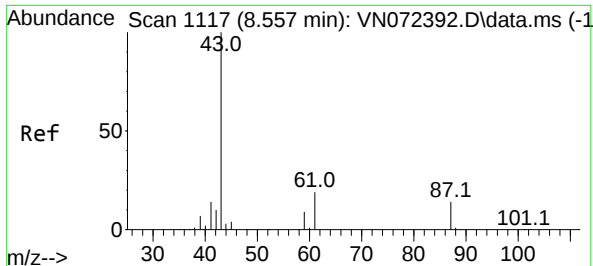
Tgt Ion: 41 Resp: 262722
Ion Ratio Lower Upper
41 100
39 52.9 48.6 73.0
67 66.3 73.4 110.2#
52 28.8 27.7 41.5



#42
1,2-Dichloroethane
Concen: 93.791 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 62 Resp: 438439
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.4

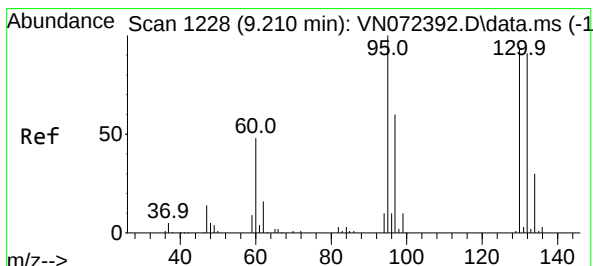
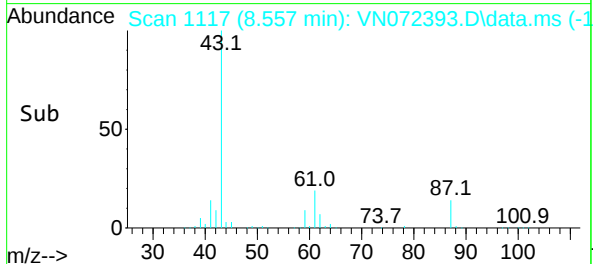
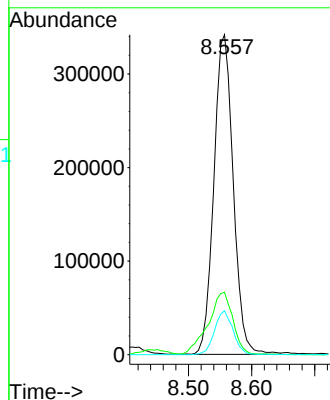
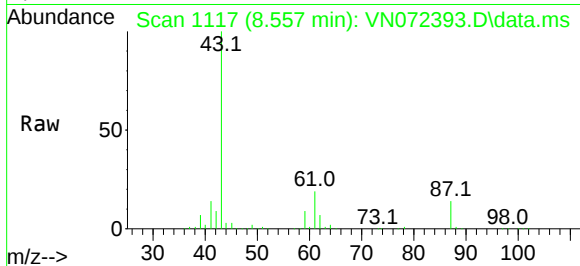




#43
Isopropyl Acetate
Concen: 86.240 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

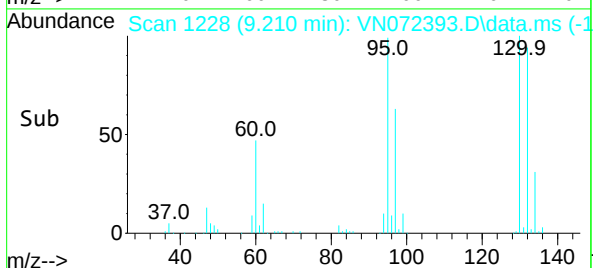
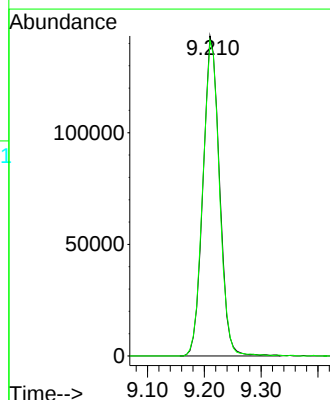
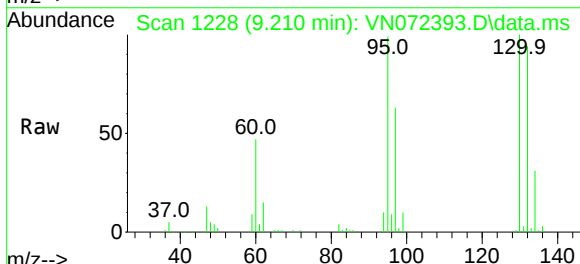
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

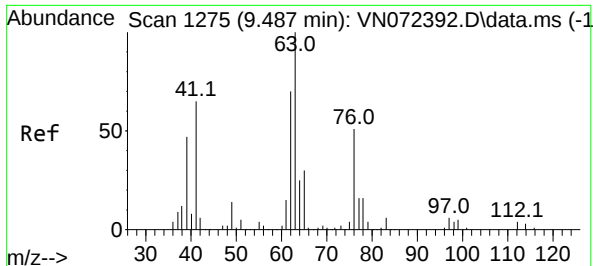
Tgt Ion: 43 Resp: 728820
Ion Ratio Lower Upper
43 100
61 25.2 21.9 32.9
87 13.2 12.0 18.0



#44
Trichloroethene
Concen: 100.762 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 130 Resp: 289144
Ion Ratio Lower Upper
130 100
95 98.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 90.559 ug/l

RT: 9.486 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

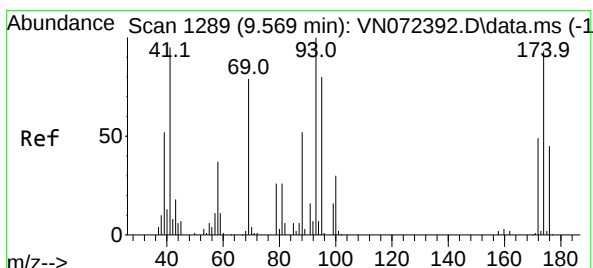
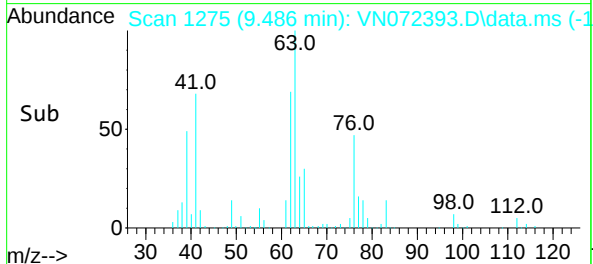
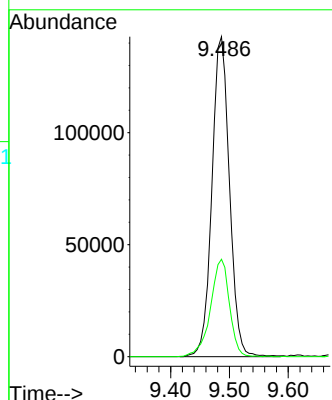
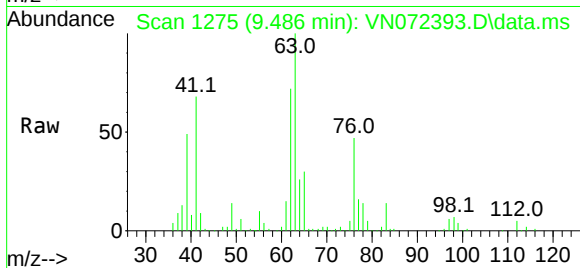
VSTDICC100

Tgt Ion: 63 Resp: 295949

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



#46

Dibromomethane

Concen: 95.996 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

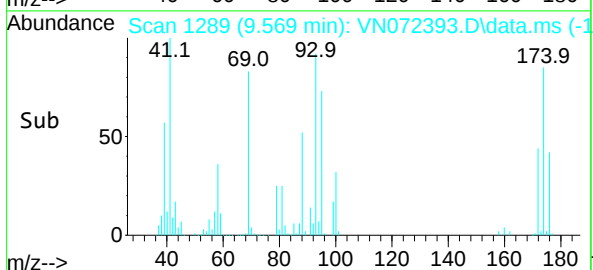
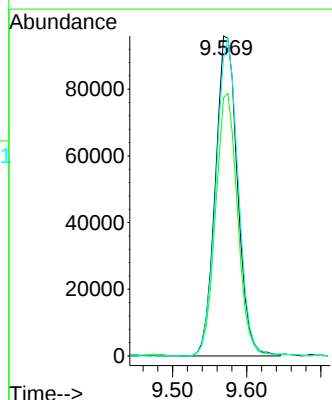
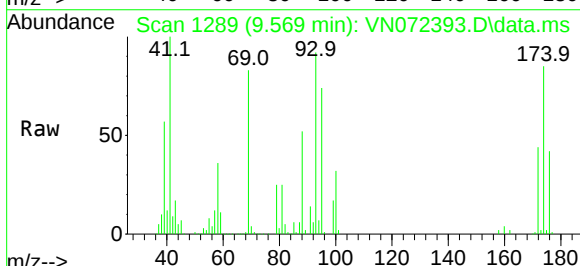
Tgt Ion: 93 Resp: 198914

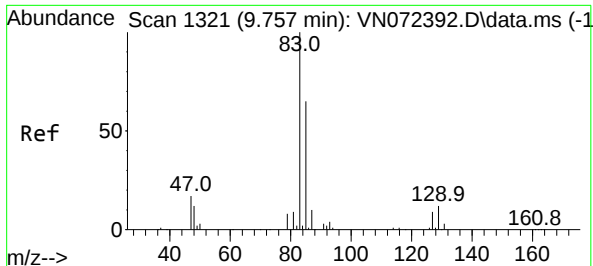
Ion Ratio Lower Upper

93 100

95 81.6 66.9 100.3

174 99.6 86.6 130.0

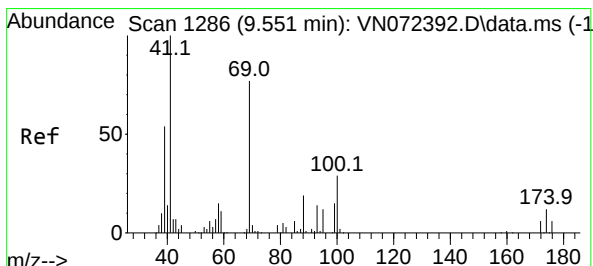
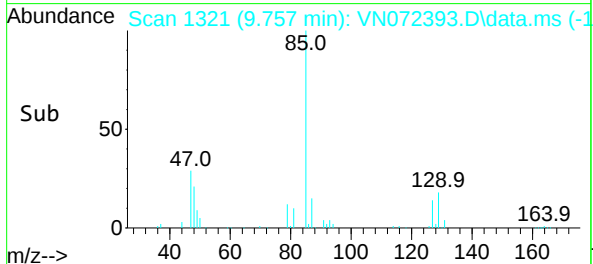
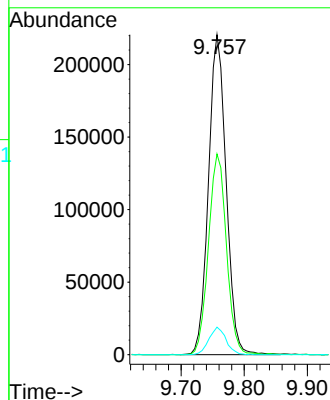
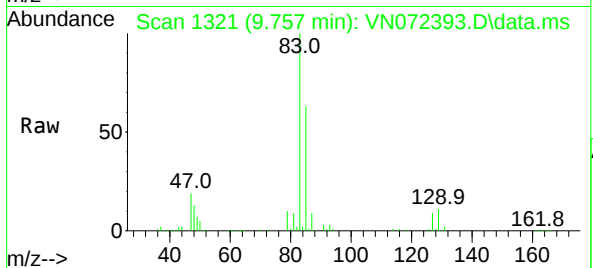




#47
Bromodichloromethane
Concen: 99.178 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

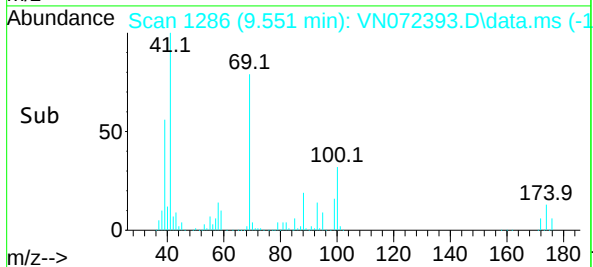
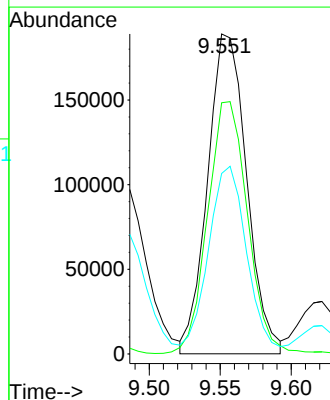
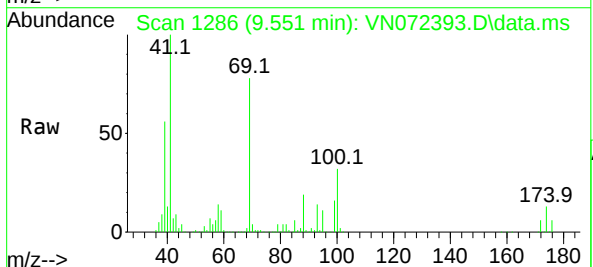
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

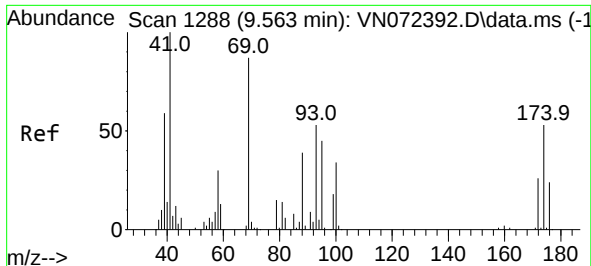
Tgt Ion: 83 Resp: 428517
Ion Ratio Lower Upper
83 100
85 62.7 50.5 75.7
127 8.6 6.8 10.2



#48
Methyl methacrylate
Concen: 105.522 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 41 Resp: 361707
Ion Ratio Lower Upper
41 100
69 80.6 74.7 112.1
39 57.5 45.6 68.4





#49

1,4-Dioxane

Concen: 2000.683 ug/l

RT: 9.569 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

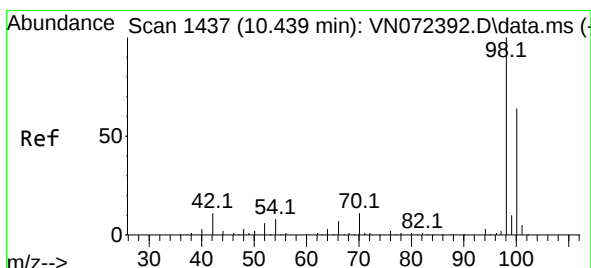
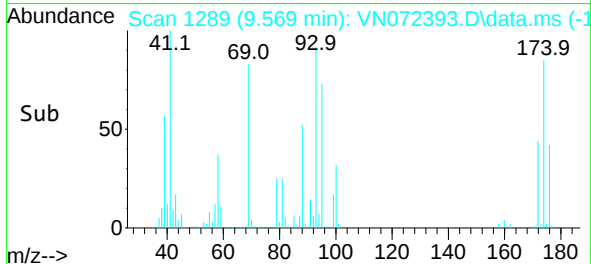
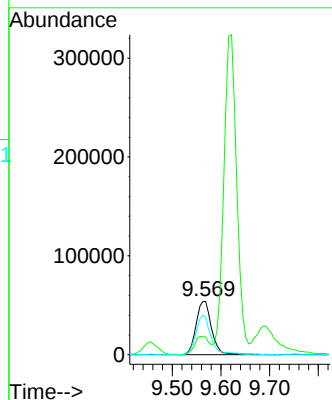
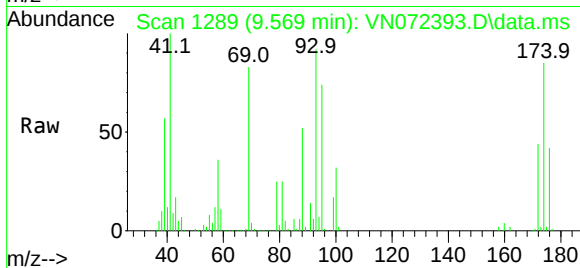
Tgt Ion: 88 Resp: 119114

Ion Ratio Lower Upper

88 100

43 32.7 20.2 30.4#

58 71.8 54.2 81.4



#50

Toluene-d8

Concen: 103.528 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VN072393.D

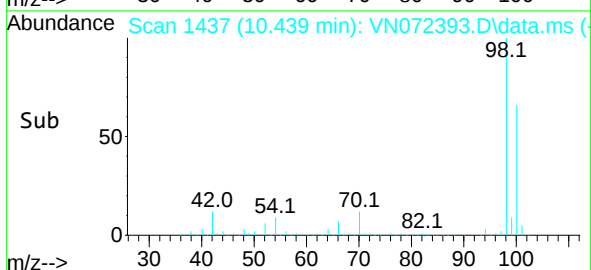
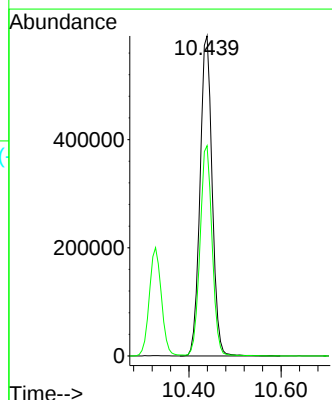
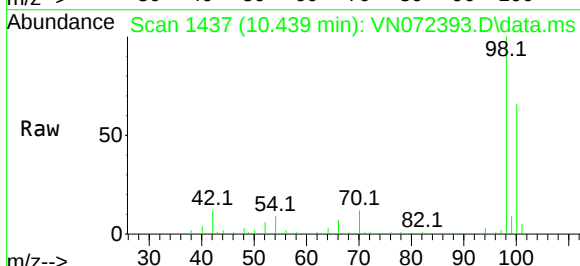
Acq: 10 May 2022 15:06

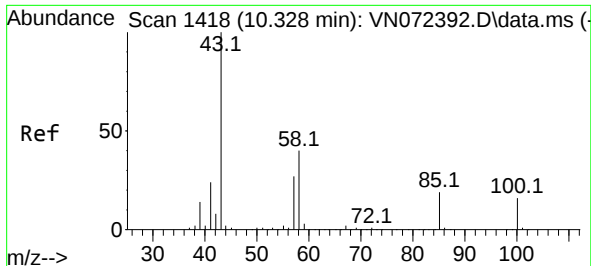
Tgt Ion: 98 Resp: 1083743

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8

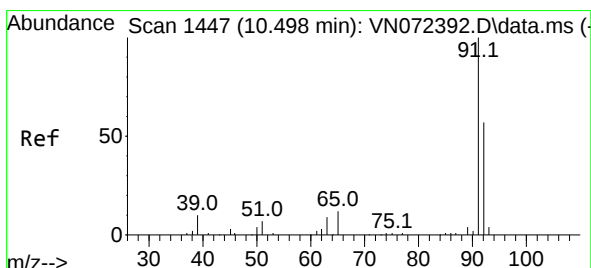
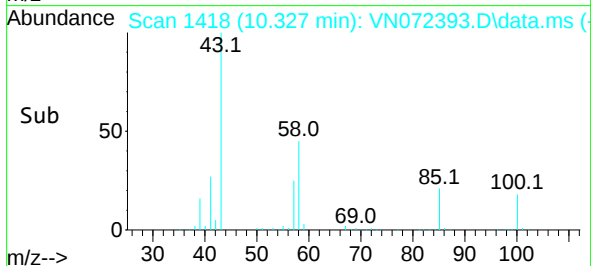
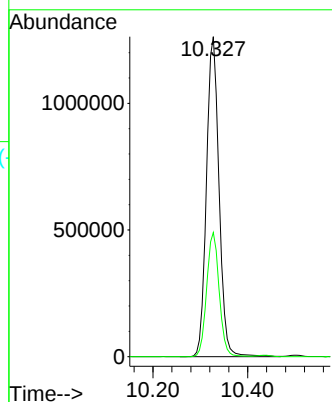
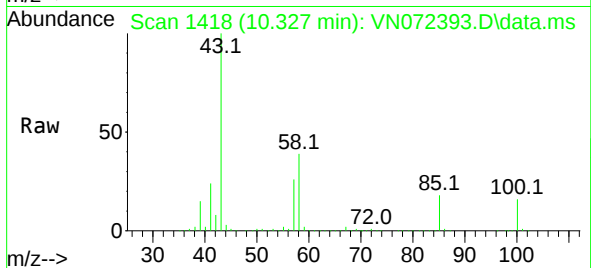




#51
4-Methyl-2-Pentanone
Concen: 478.754 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

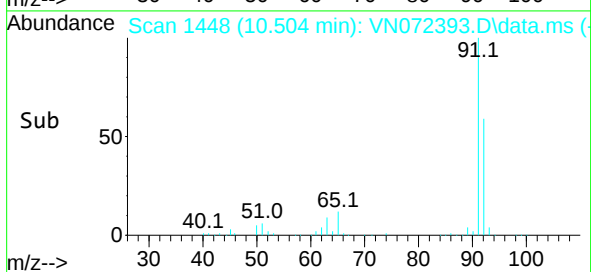
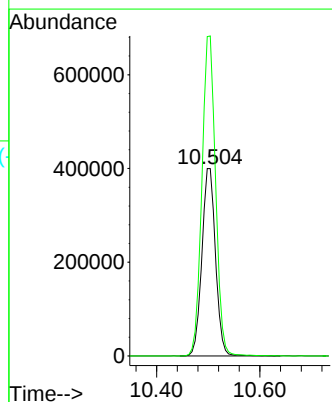
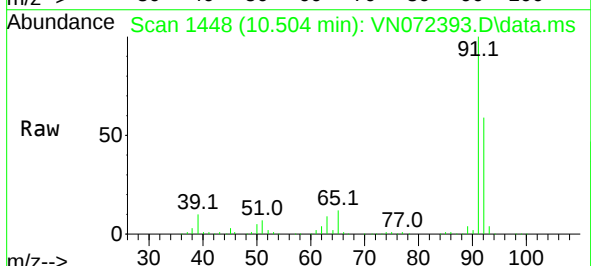
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

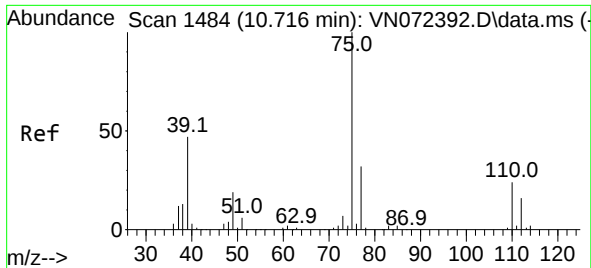
Tgt Ion: 43 Resp: 2320019
Ion Ratio Lower Upper
43 100
58 38.6 34.1 51.1



#52
Toluene
Concen: 100.399 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 92 Resp: 731256
Ion Ratio Lower Upper
92 100
91 171.4 138.6 207.8

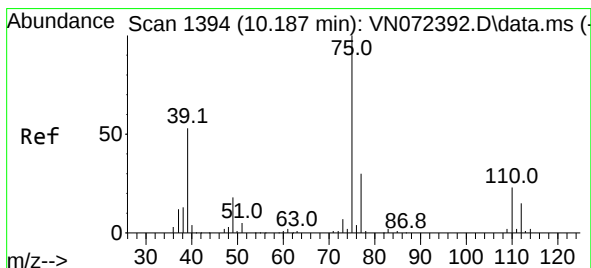
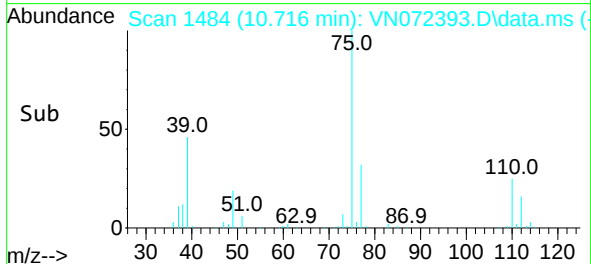
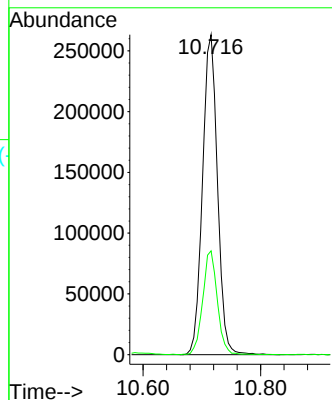
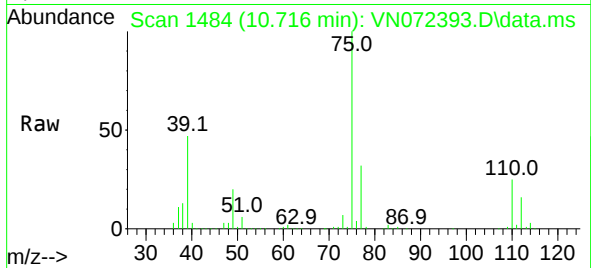




#53
t-1,3-Dichloropropene
Concen: 106.947 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

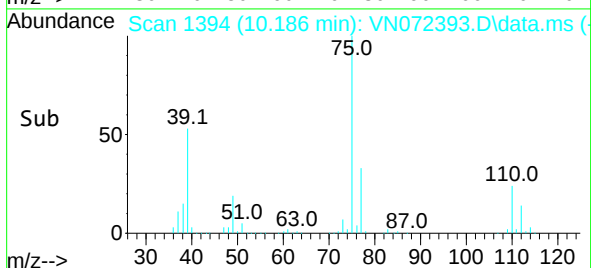
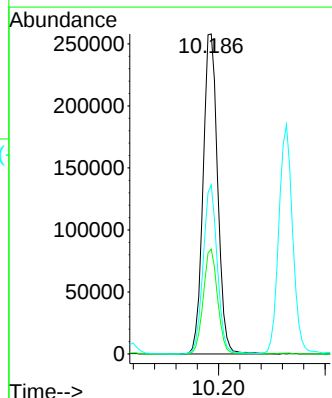
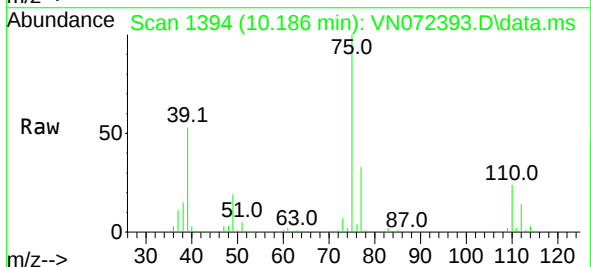
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

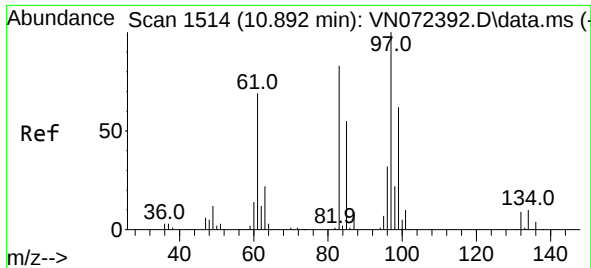
Tgt Ion: 75 Resp: 465754
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 104.210 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 75 Resp: 489880
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
39 52.9 35.7 53.5

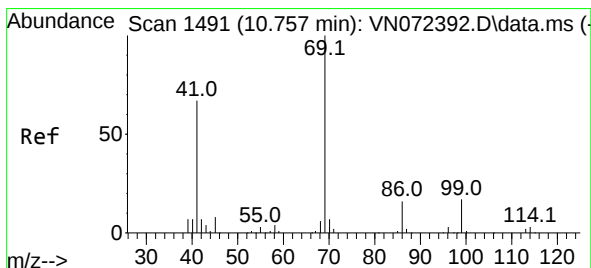
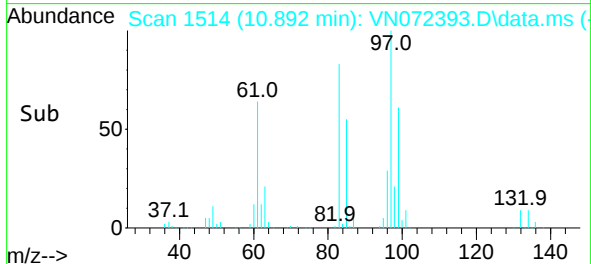
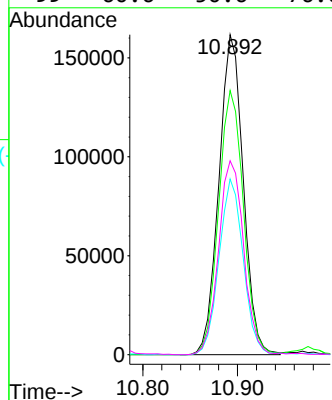
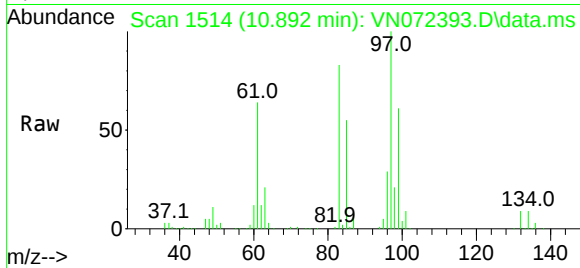




#55
1,1,2-Trichloroethane
Concen: 94.848 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

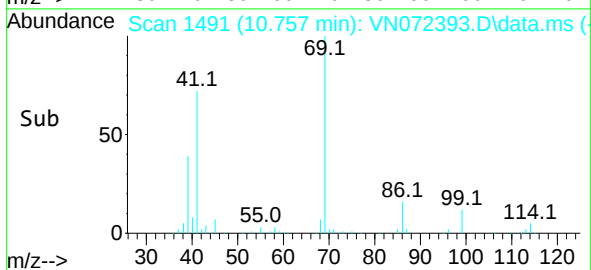
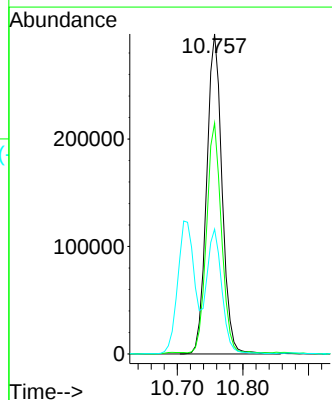
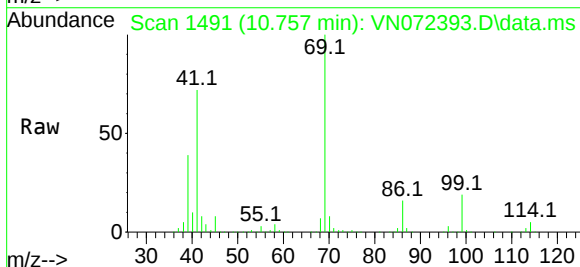
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

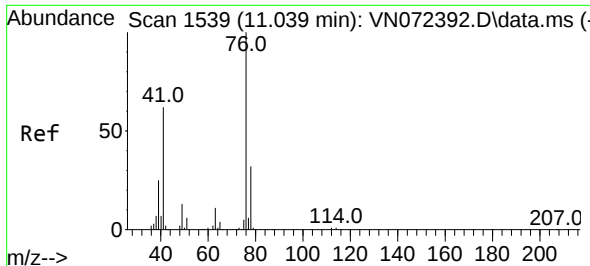
Tgt Ion:	97	Resp:	288812
Ion	Ratio	Lower	Upper
97	100		
83	82.5	66.2	99.4
85	54.9	43.9	65.9
99	60.6	50.6	76.0



#56
Ethyl methacrylate
Concen: 108.106 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion:	69	Resp:	485655
Ion	Ratio	Lower	Upper
69	100		
41	69.4	47.8	71.6
39	38.7	27.3	40.9





#57

1,3-Dichloropropane

Concen: 95.606 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

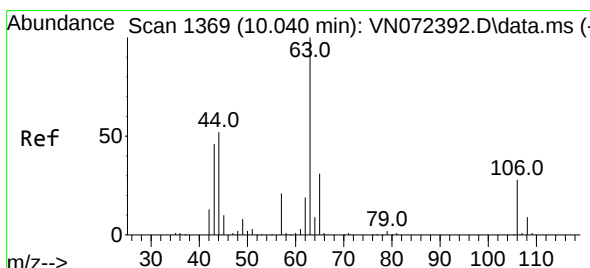
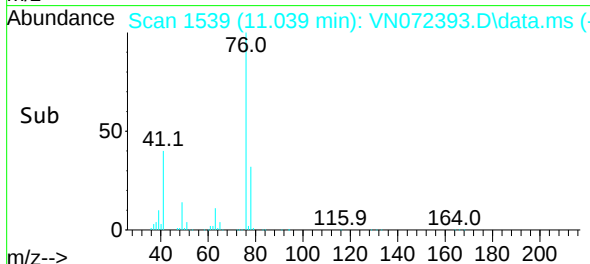
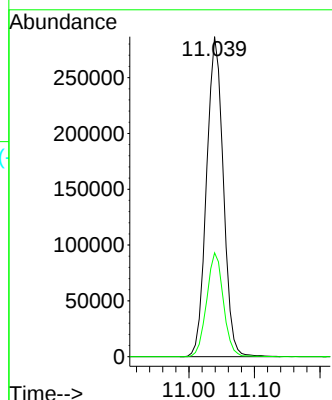
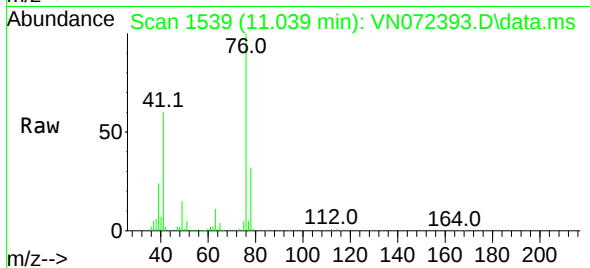
VSTDIC100

Tgt Ion: 76 Resp: 510342

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 610.694 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VN072393.D

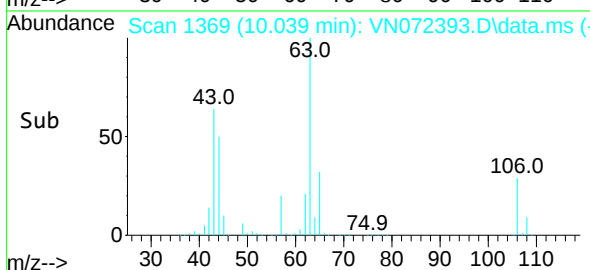
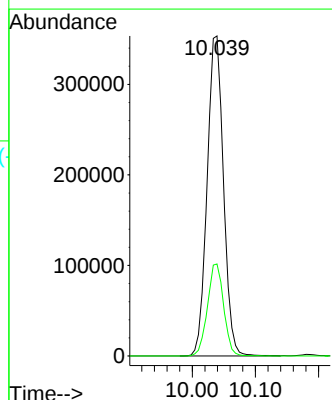
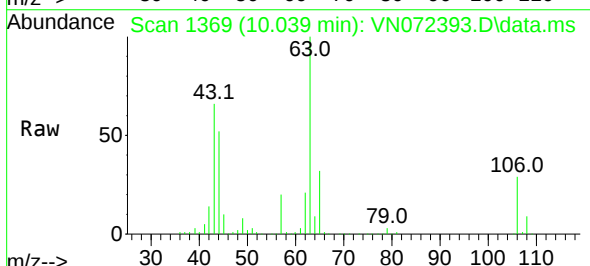
Acq: 10 May 2022 15:06

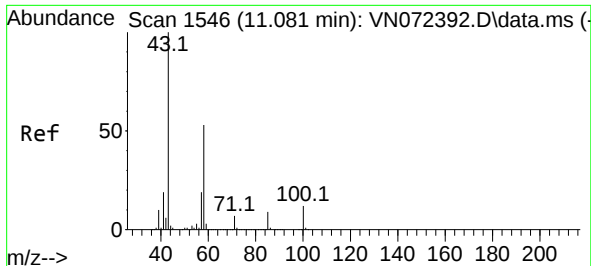
Tgt Ion: 63 Resp: 634796

Ion Ratio Lower Upper

63 100

106 28.5 24.6 36.8

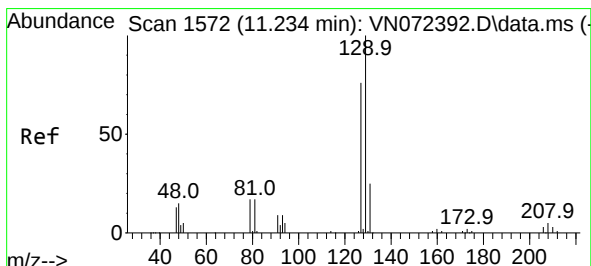
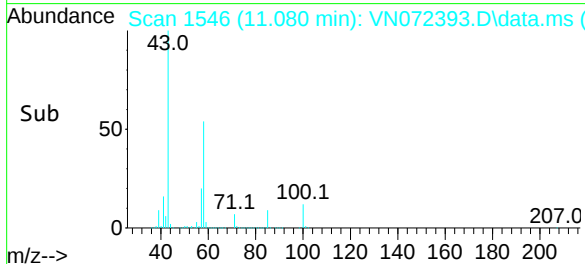
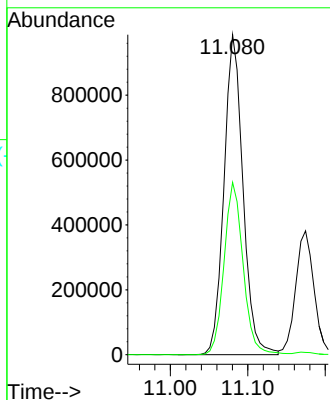
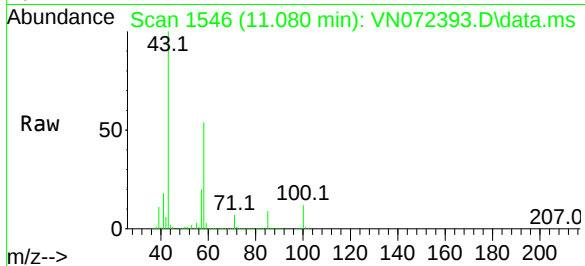




#59
2-Hexanone
Concen: 493.152 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

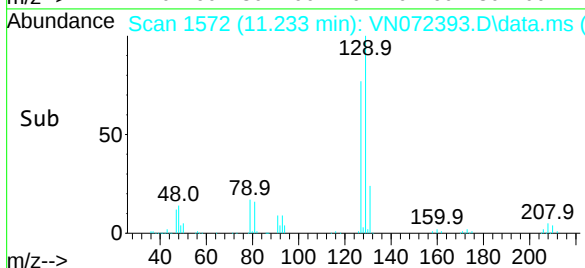
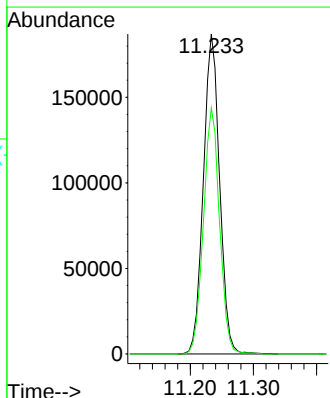
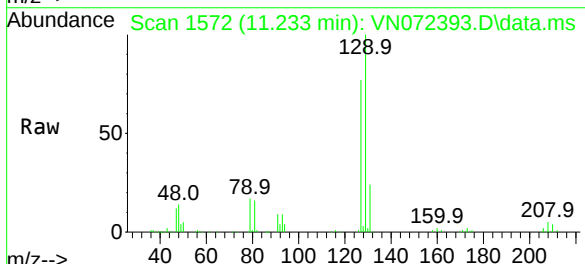
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

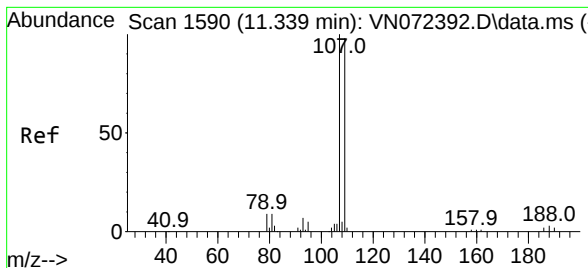
Tgt Ion: 43 Resp: 1682770
Ion Ratio Lower Upper
43 100
58 53.9 29.7 89.1



#60
Dibromochloromethane
Concen: 106.291 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 129 Resp: 334361
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4

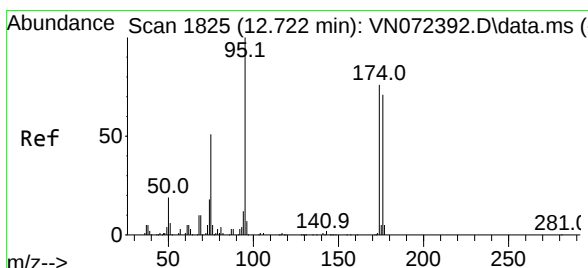
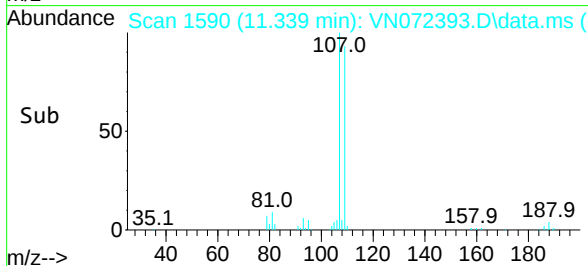
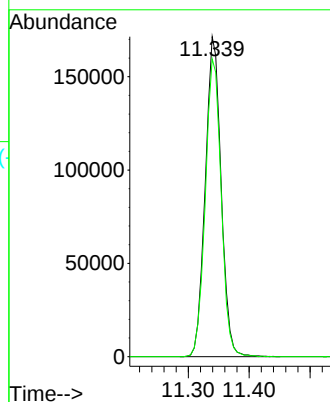
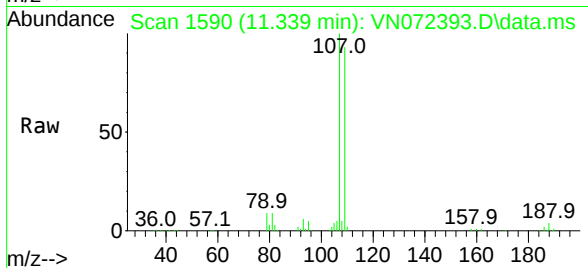




#61
1,2-Dibromoethane
Concen: 102.595 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

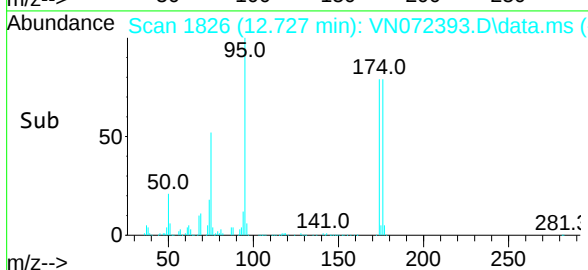
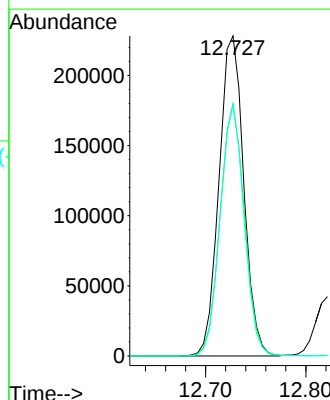
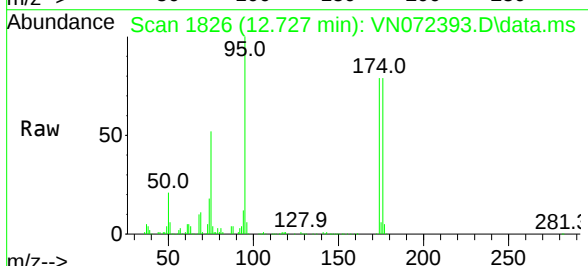
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

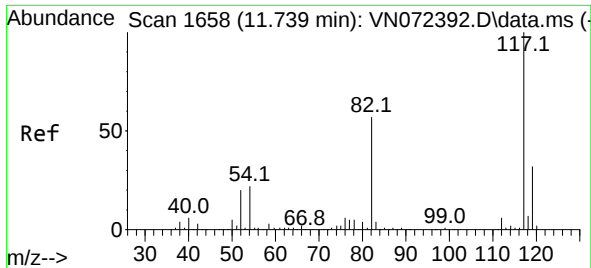
Tgt Ion:107 Resp: 309564
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 112.441 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 95 Resp: 389898
Ion Ratio Lower Upper
95 100
174 77.7 0.0 167.6
176 76.0 0.0 163.4

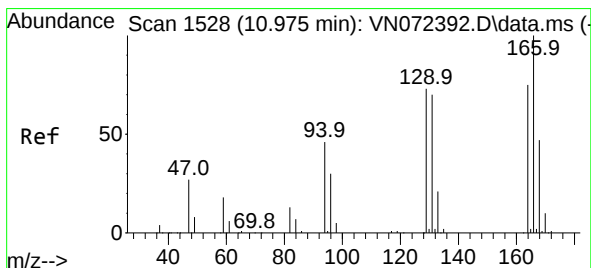
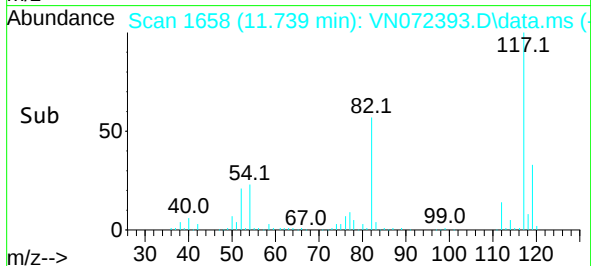
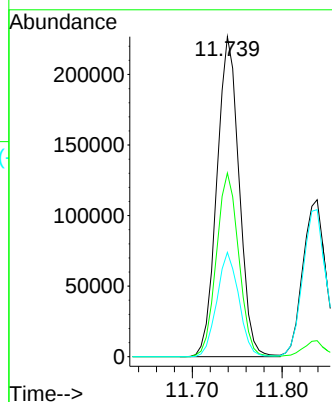
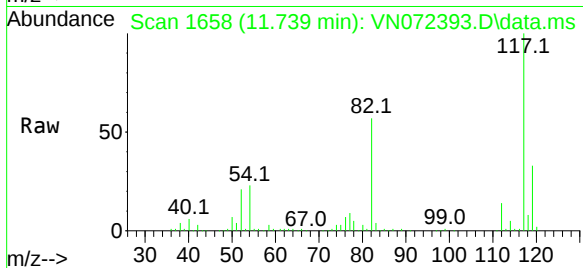




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

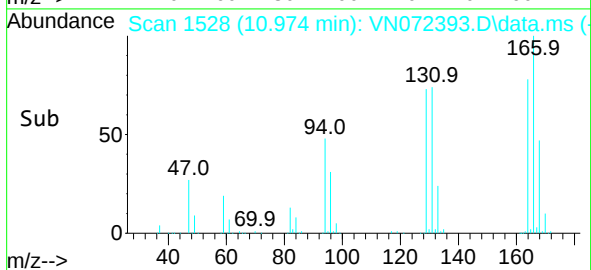
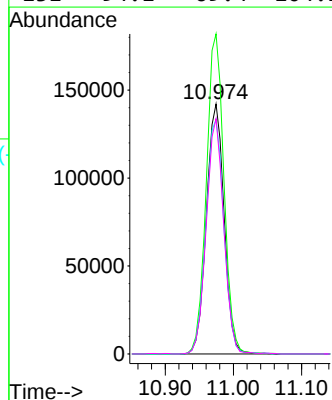
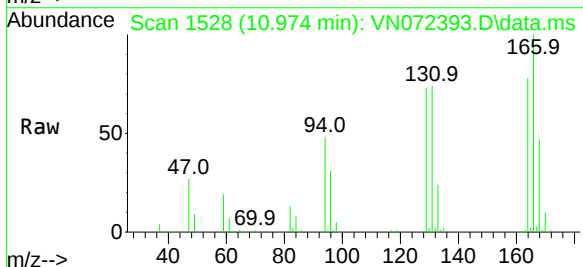
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

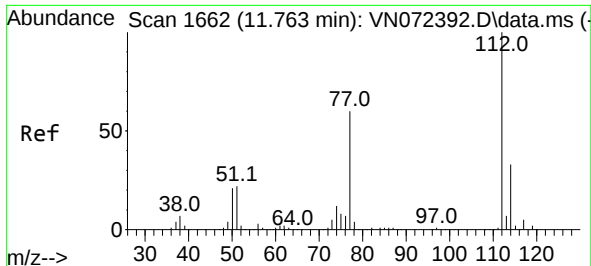
Tgt Ion:117 Resp: 390776
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 105.892 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion:164 Resp: 256558
Ion Ratio Lower Upper
164 100
166 128.1 104.2 156.2
129 94.0 73.9 110.9
131 94.1 69.4 104.2

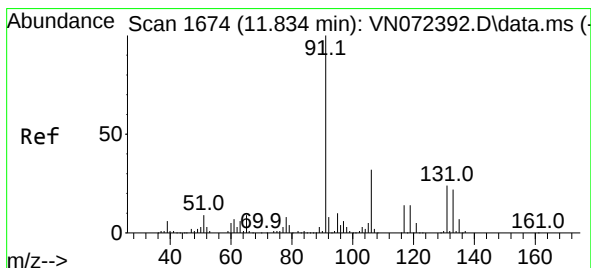
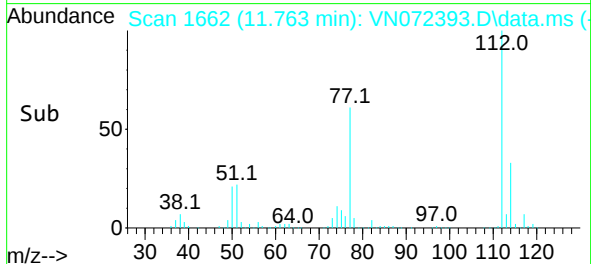
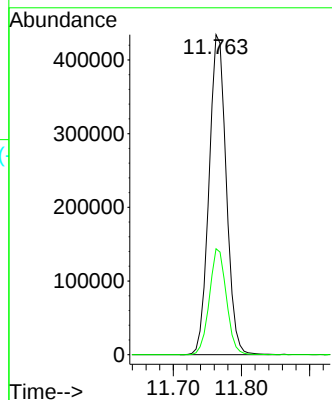
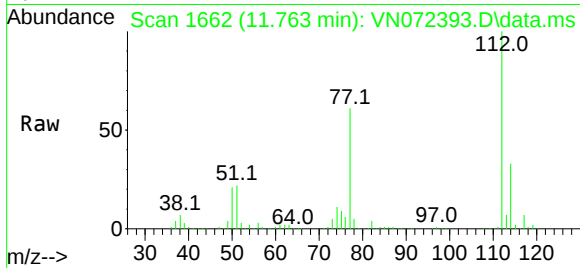




#65
Chlorobenzene
Concen: 96.176 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

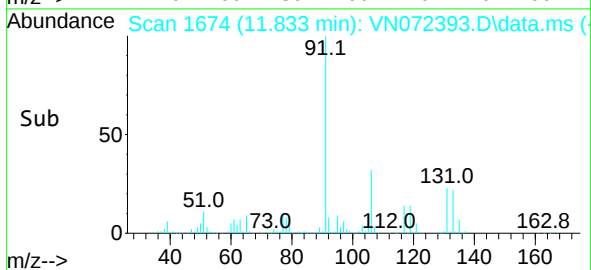
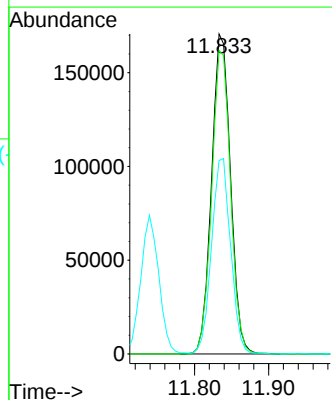
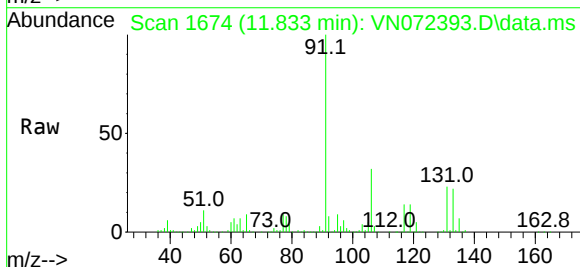
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

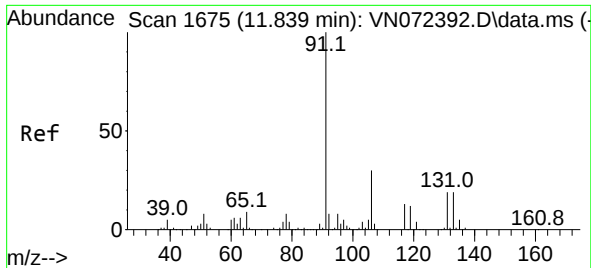
Tgt Ion:112 Resp: 763624
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 101.049 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion:131 Resp: 302933
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 61.7 33.4 100.2

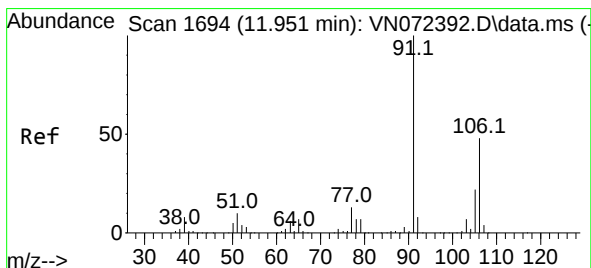
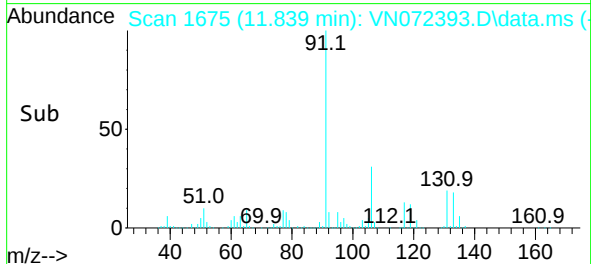
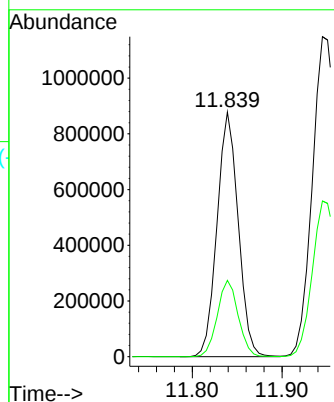
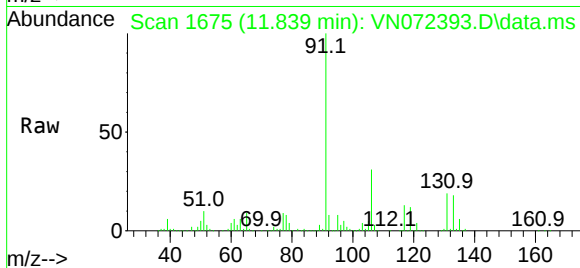




#67
Ethyl Benzene
Concen: 104.315 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

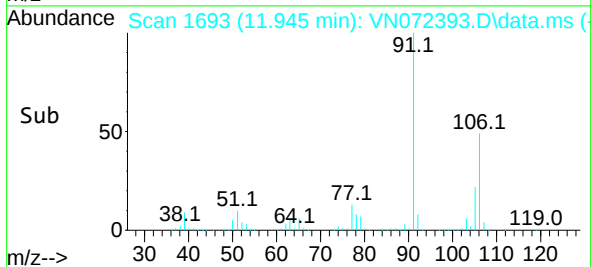
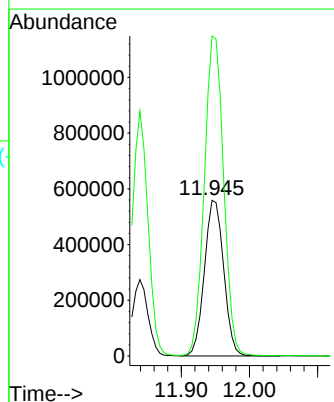
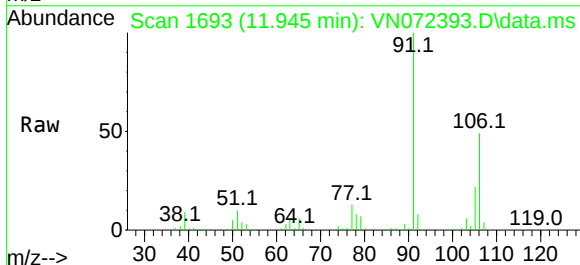
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

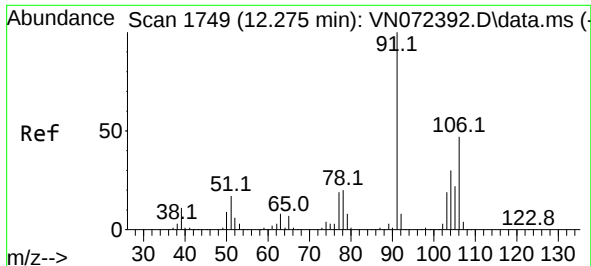
Tgt Ion: 91 Resp: 1436854
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 213.589 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion:106 Resp: 1098889
Ion Ratio Lower Upper
106 100
91 205.6 158.9 238.3

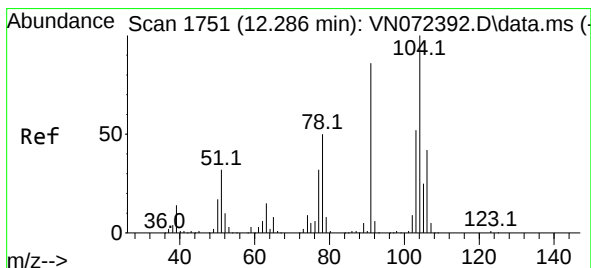
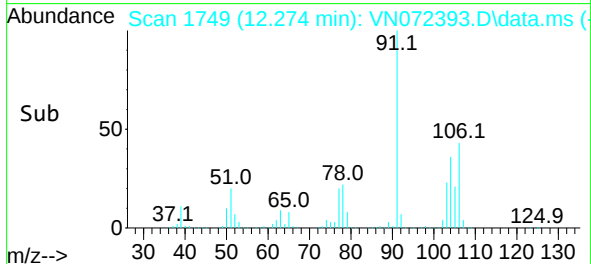
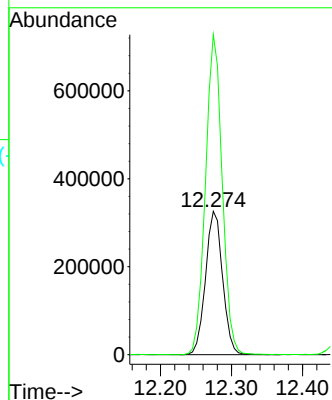
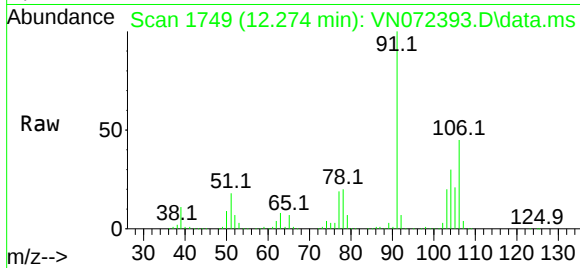




#69
o-Xylene
Concen: 109.259 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

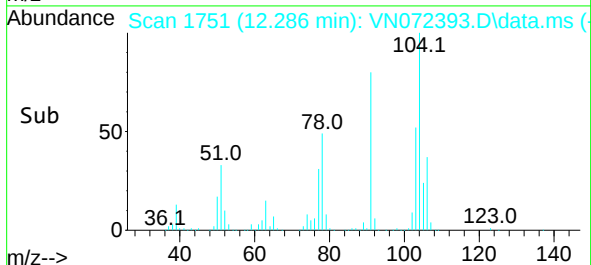
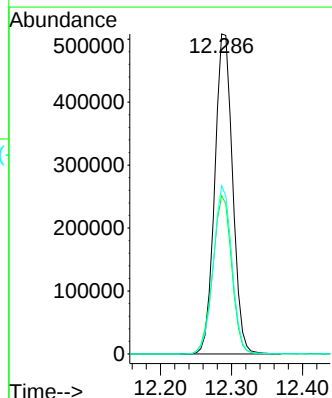
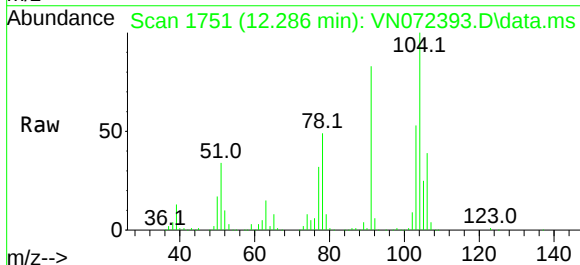
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

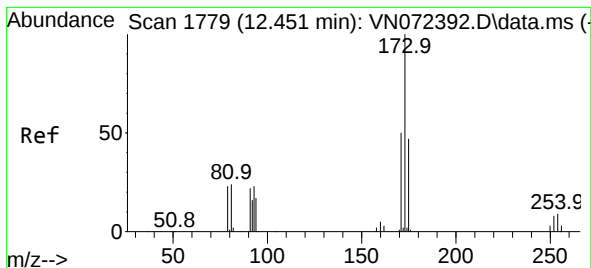
Tgt Ion:106 Resp: 544646
Ion Ratio Lower Upper
106 100
91 219.0 106.0 318.0



#70
Styrene
Concen: 113.097 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion:104 Resp: 886640
Ion Ratio Lower Upper
104 100
78 52.4 39.5 59.3
103 54.5 44.0 66.0





#71

Bromoform

Concen: 108.057 ug/l

RT: 12.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

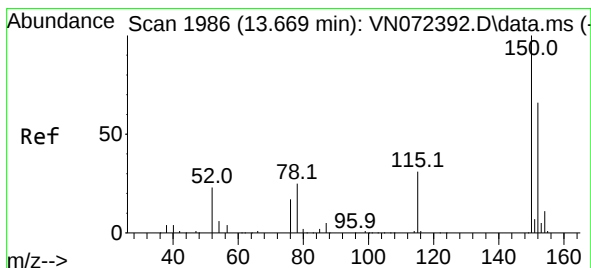
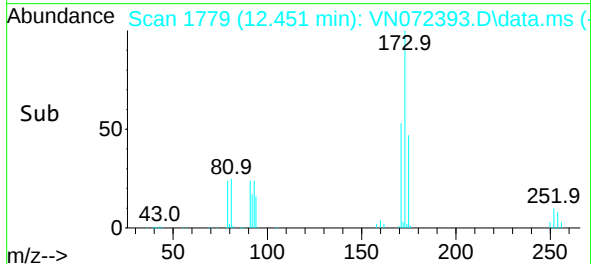
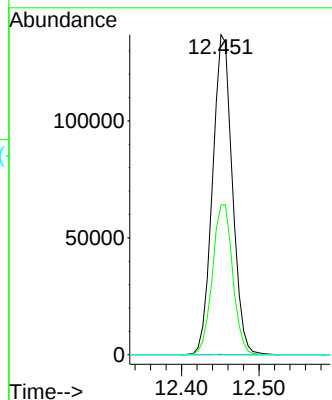
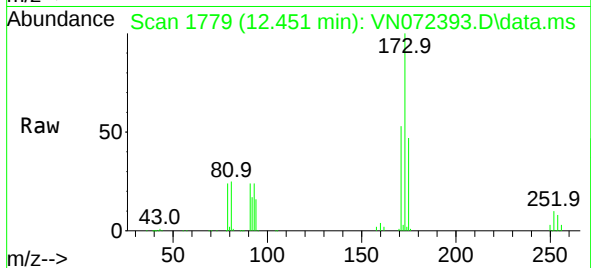
Tgt Ion:173 Resp: 242459

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

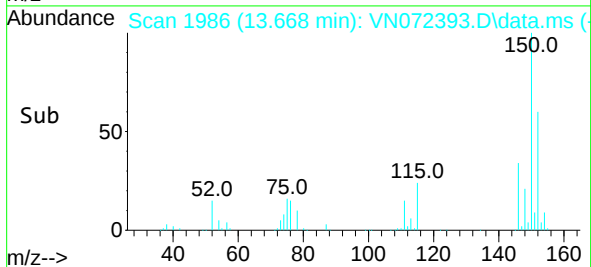
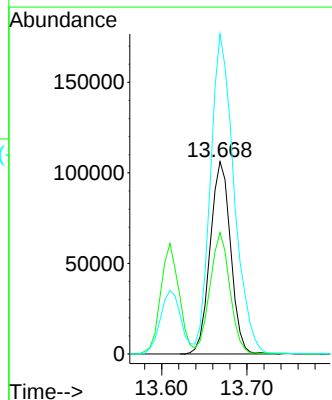
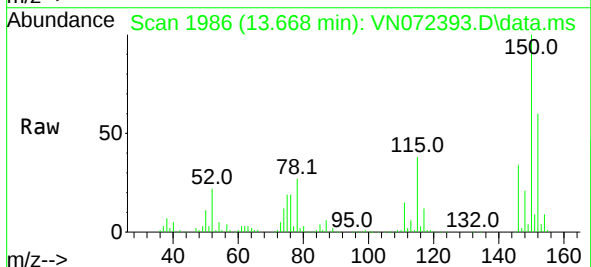
Tgt Ion:152 Resp: 177316

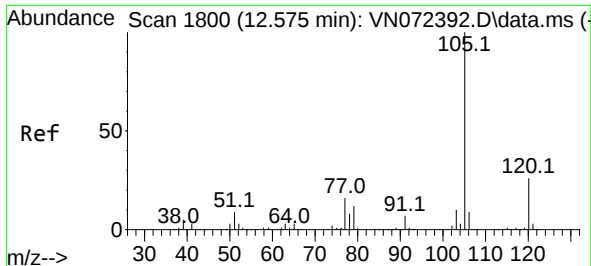
Ion Ratio Lower Upper

152 100

115 60.9 28.9 86.7

150 190.3 0.0 356.2

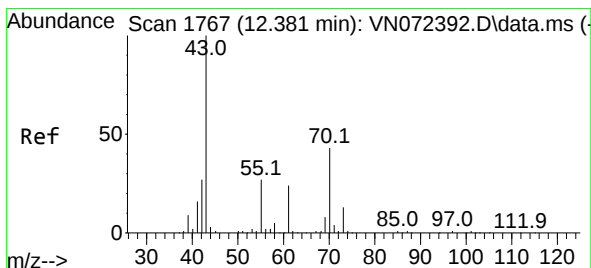
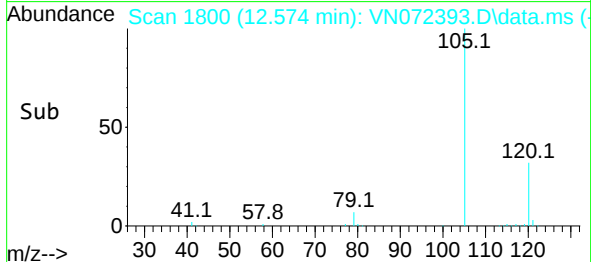
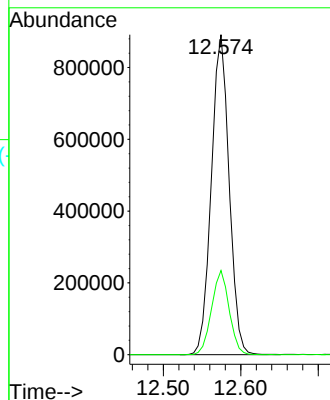
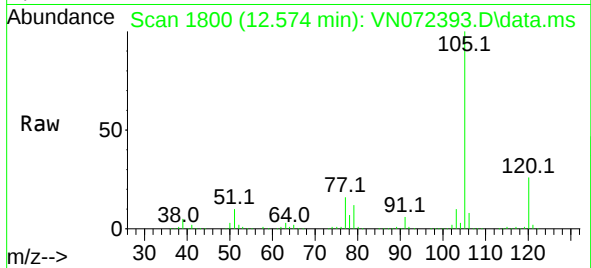




#73
Isopropylbenzene
Concen: 91.561 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

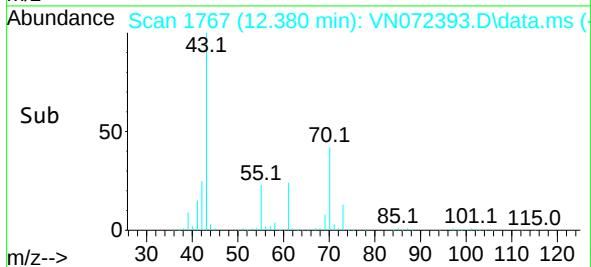
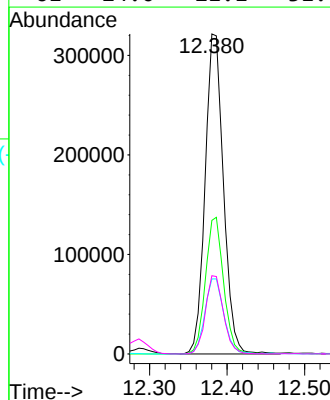
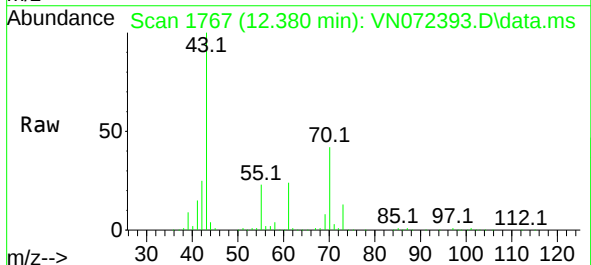
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MSVOA_N
ClientSampleId :
VSTDIC100

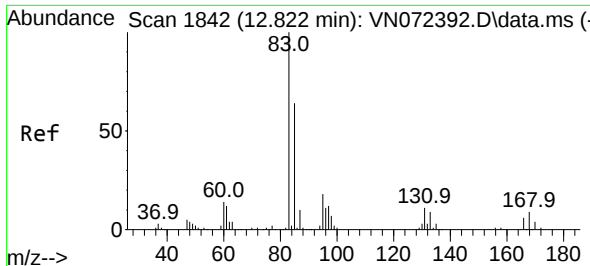
Tgt Ion:105 Resp: 1426007
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4



#74
N-ethyl acetate
Concen: 92.018 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 43 Resp: 528957
Ion Ratio Lower Upper
43 100
70 42.3 39.0 58.4
55 24.2 21.1 31.7
61 24.0 21.1 31.7

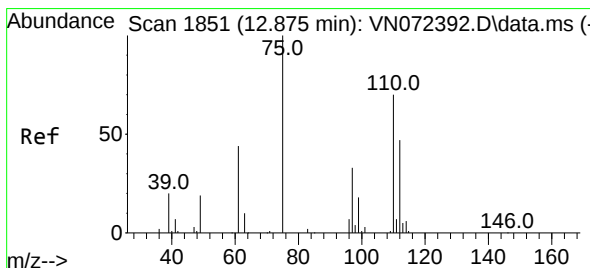
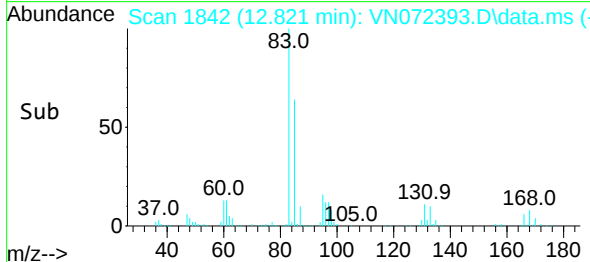
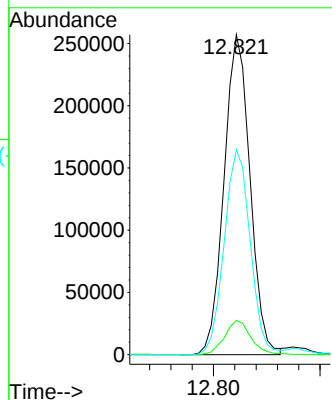
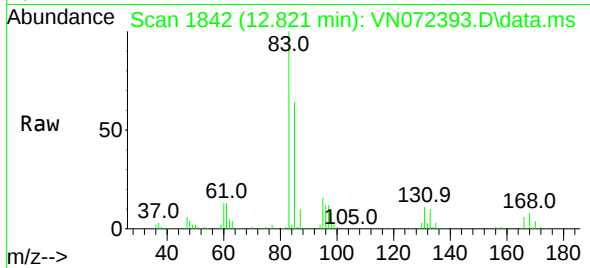




#75
1,1,2,2-Tetrachloroethane
Concen: 72.391 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

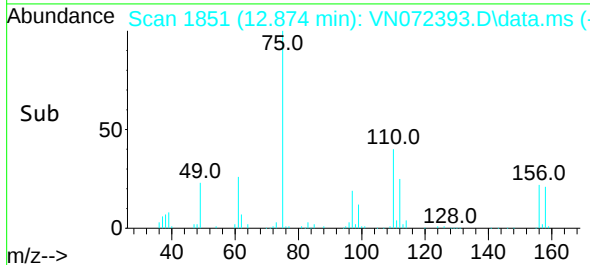
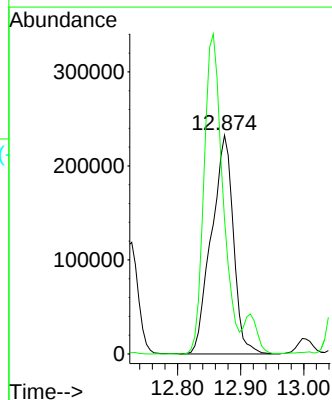
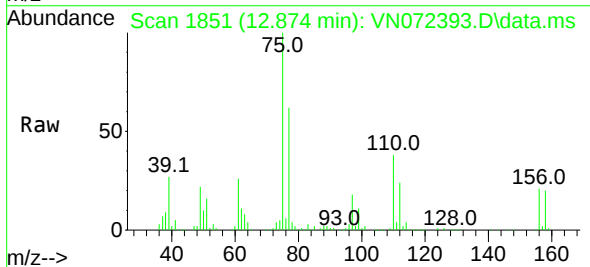
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

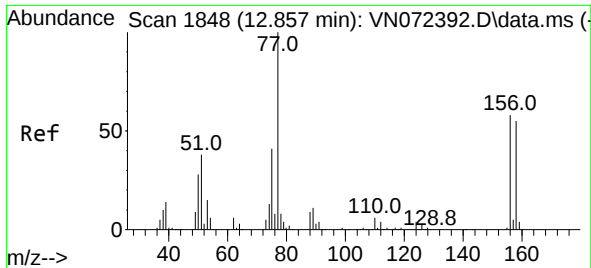
Tgt Ion: 83 Resp: 435029
Ion Ratio Lower Upper
83 100
131 10.9 5.3 15.9
85 64.2 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 108.861 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 75 Resp: 562004
Ion Ratio Lower Upper
75 100
77 124.8 98.5 295.5

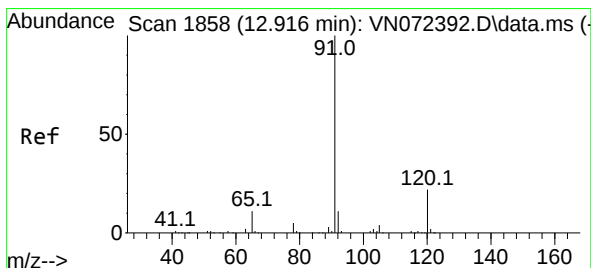
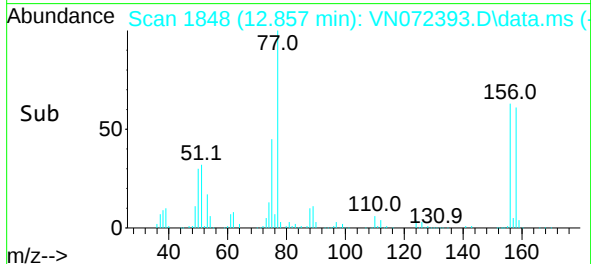
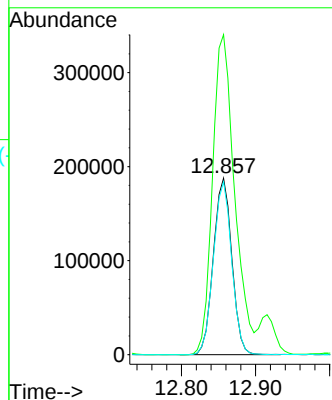
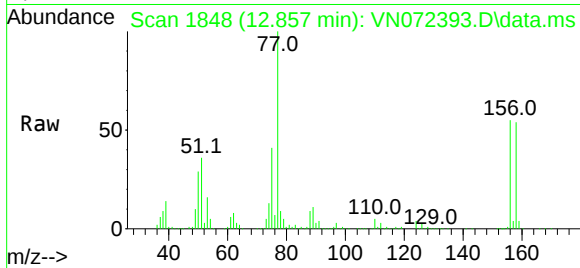




#77
Bromobenzene
Concen: 87.230 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

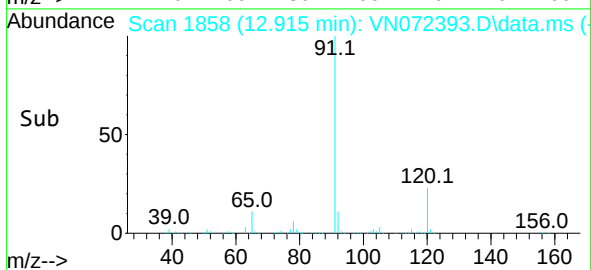
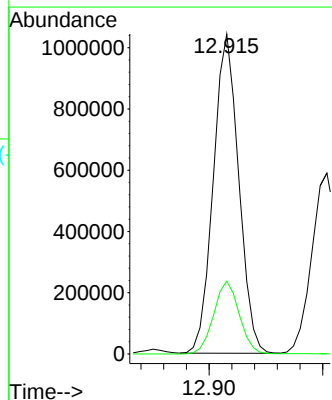
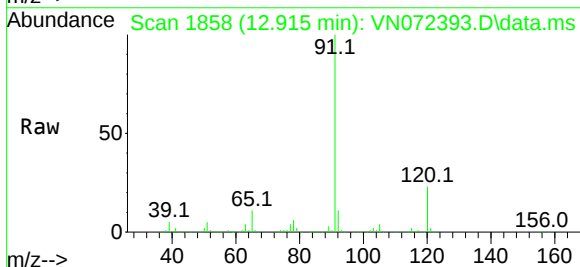
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

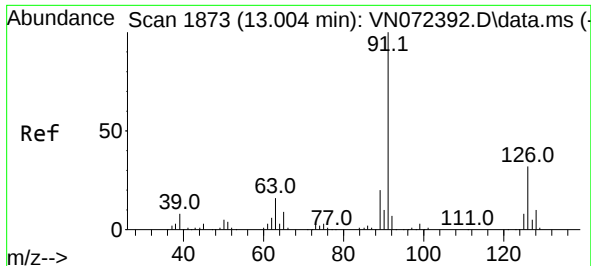
Tgt Ion:156 Resp: 324021
Ion Ratio Lower Upper
156 100
77 216.5 100.5 301.5
158 97.3 48.9 146.6



#78
n-propylbenzene
Concen: 94.423 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 91 Resp: 1615053
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5

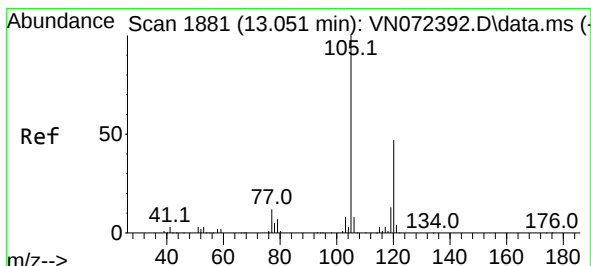
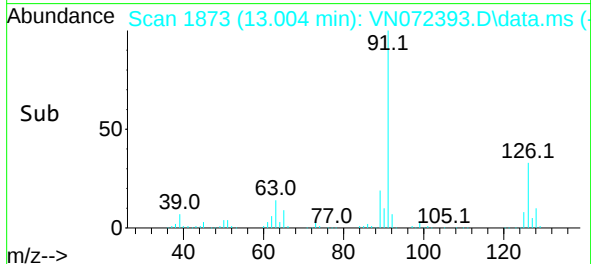
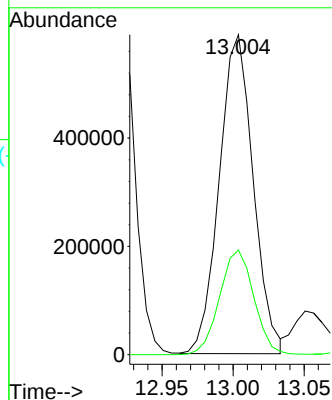
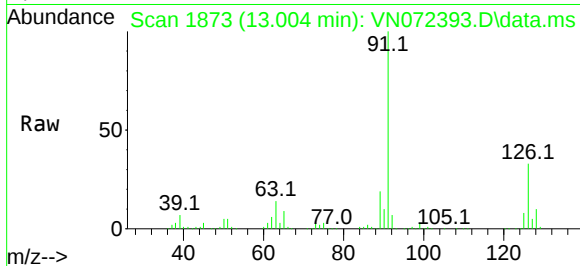




#79
2-Chlorotoluene
Concen: 87.173 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

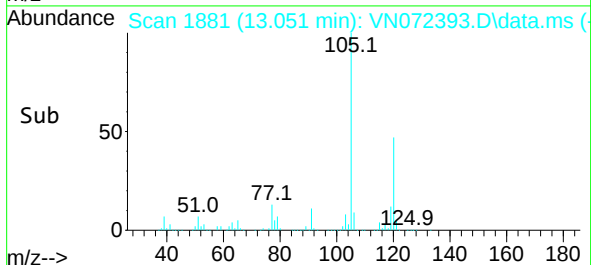
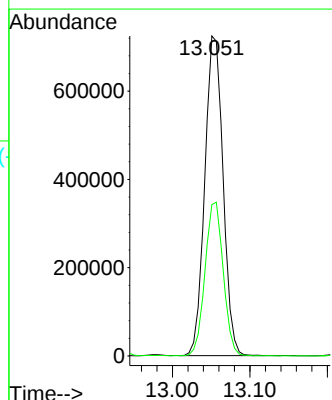
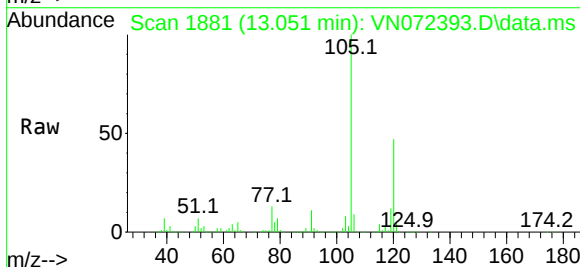
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

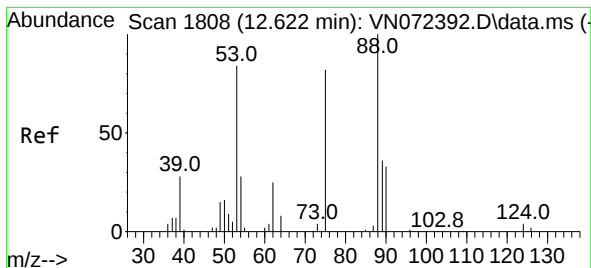
Tgt Ion: 91 Resp: 980021
Ion Ratio Lower Upper
91 100
126 33.1 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 91.365 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 105 Resp: 1188663
Ion Ratio Lower Upper
105 100
120 47.9 24.9 74.7

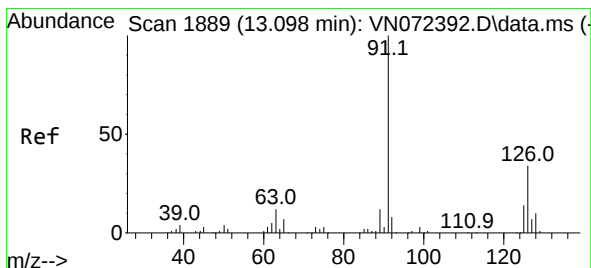
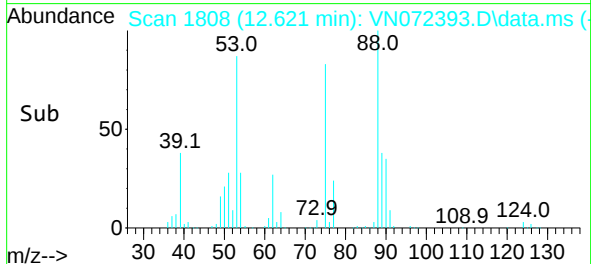
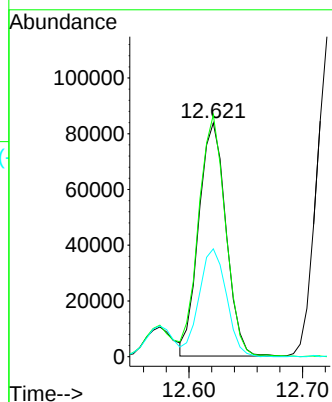
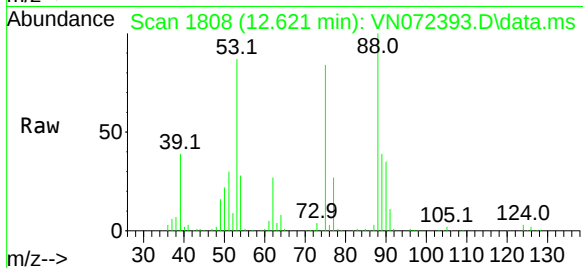




#81
trans-1,4-Dichloro-2-butene
Concen: 92.636 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

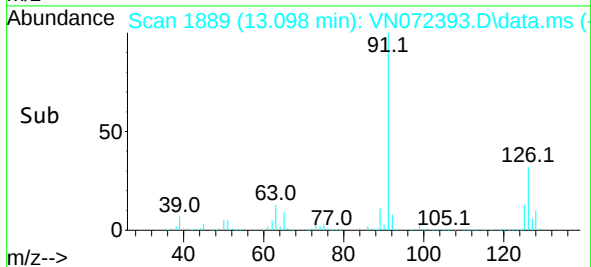
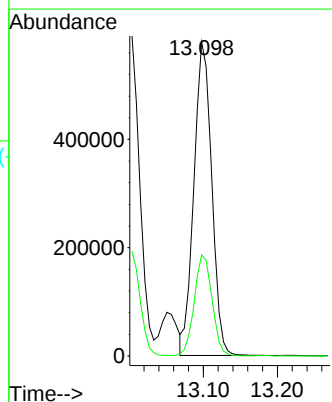
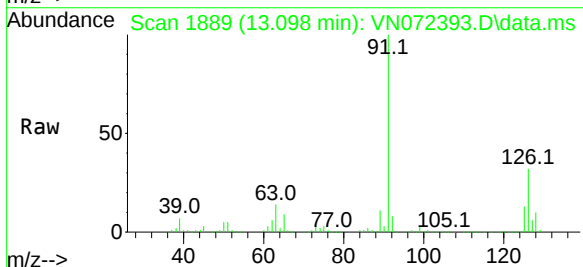
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

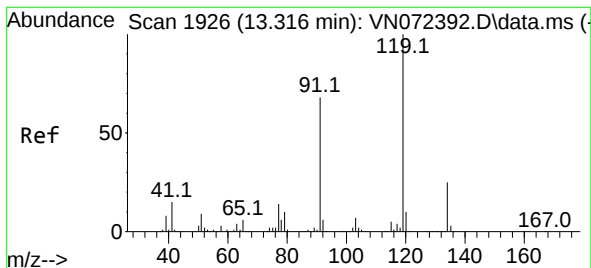
Tgt Ion: 75 Resp: 139357
Ion Ratio Lower Upper
75 100
53 102.8 78.0 117.0
89 46.6 37.2 55.8



#82
4-Chlorotoluene
Concen: 92.312 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 91 Resp: 965303
Ion Ratio Lower Upper
91 100
126 32.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 92.464 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. 0.006 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

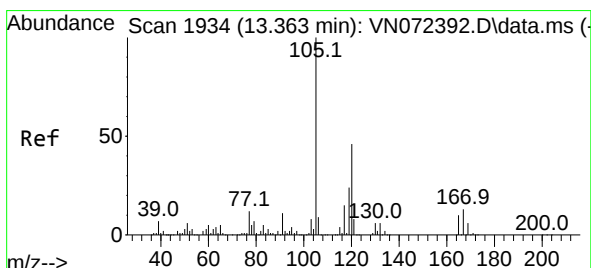
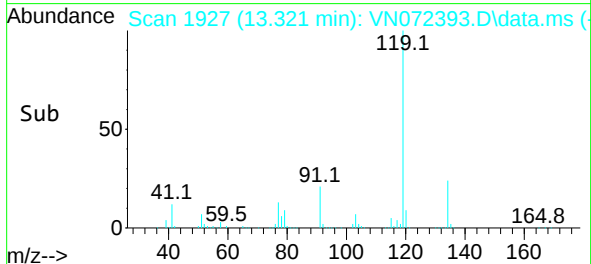
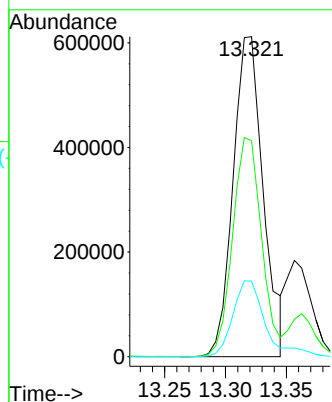
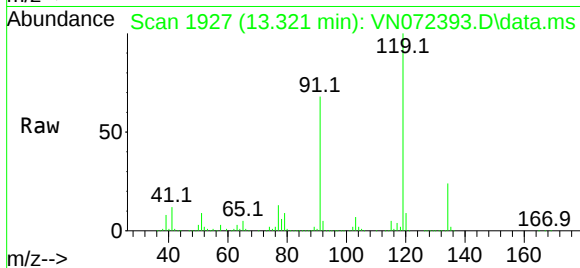
Tgt Ion:119 Resp: 1054314

Ion Ratio Lower Upper

119 100

91 65.8 31.6 94.8

134 25.6 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 93.316 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072393.D

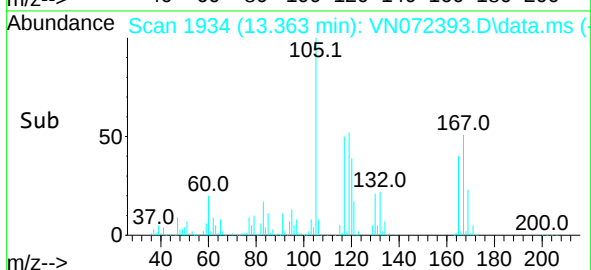
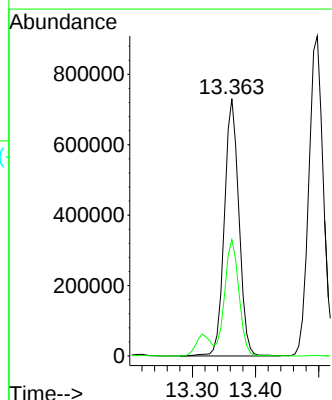
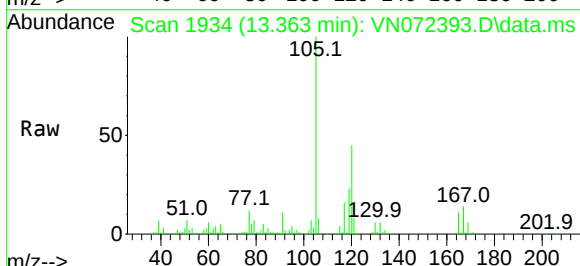
Acq: 10 May 2022 15:06

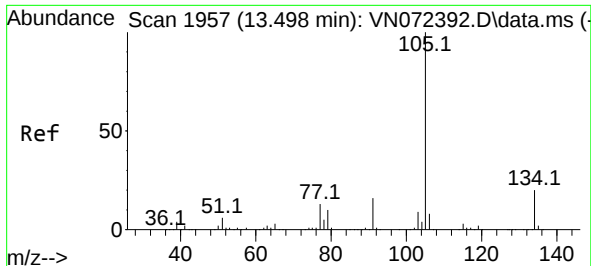
Tgt Ion:105 Resp: 1168021

Ion Ratio Lower Upper

105 100

120 44.5 23.3 69.8

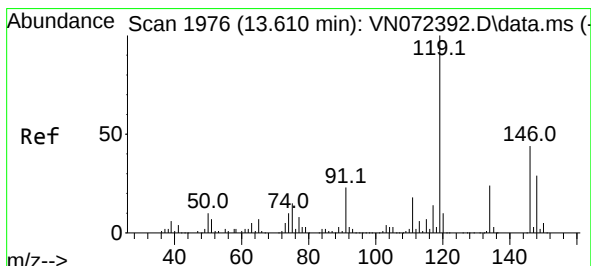
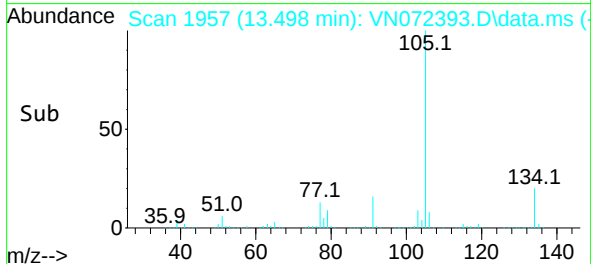
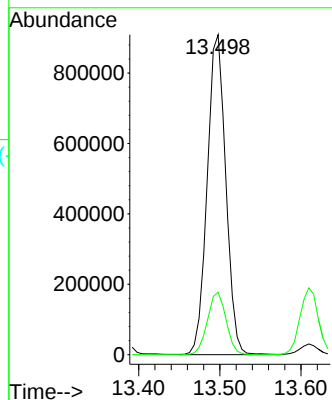
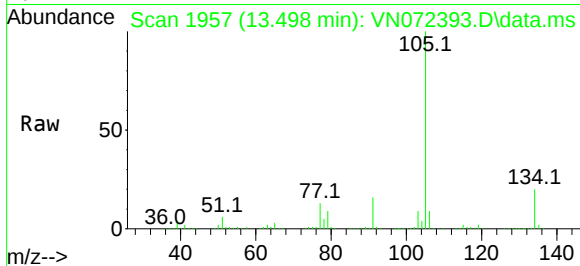




#85
 sec-Butylbenzene
 Concen: 97.013 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072393.D
 Acq: 10 May 2022 15:06

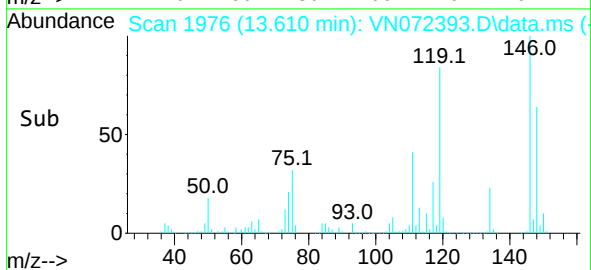
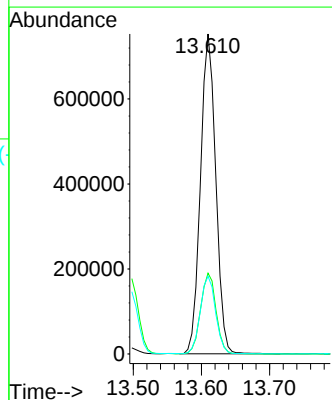
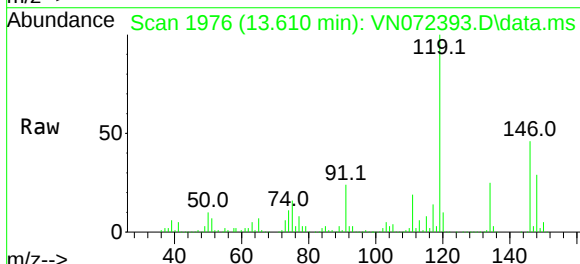
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

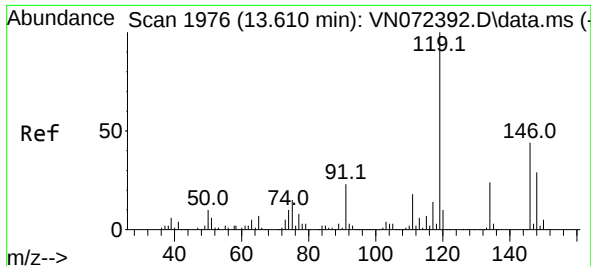
Tgt Ion:105 Resp: 1443540
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 101.115 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072393.D
 Acq: 10 May 2022 15:06

Tgt Ion:119 Resp: 1172643
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 24.6 11.3 33.9

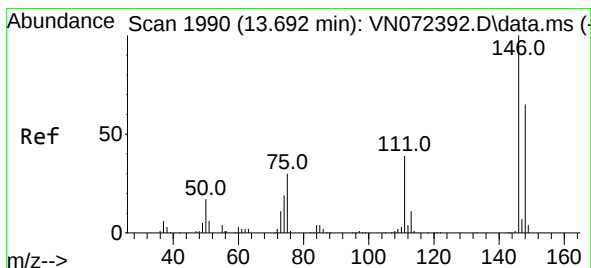
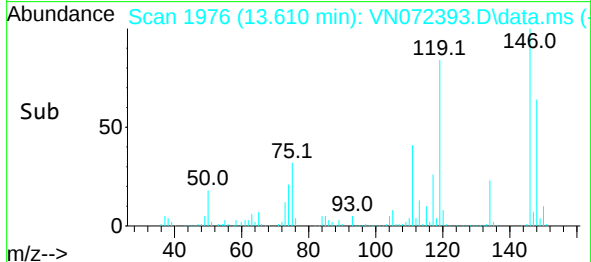
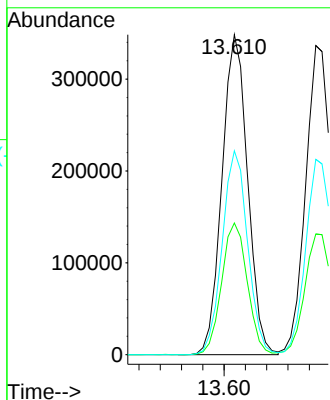
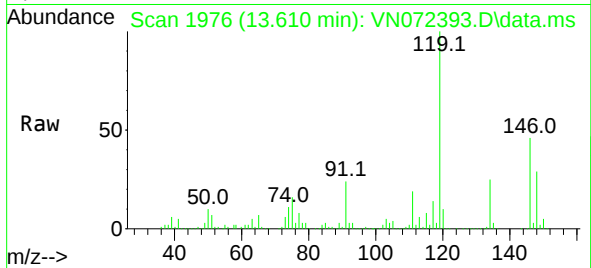




#87
 1,3-Dichlorobenzene
 Concen: 96.487 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072393.D
 Acq: 10 May 2022 15:06

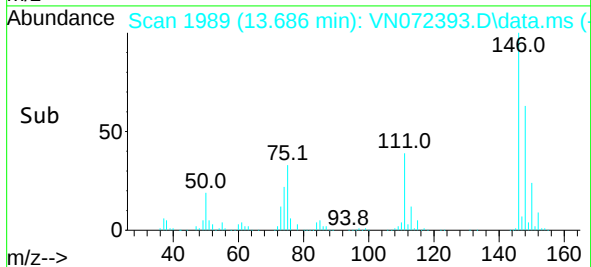
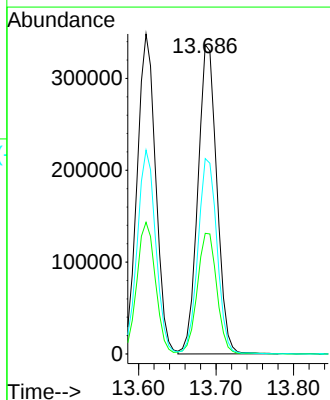
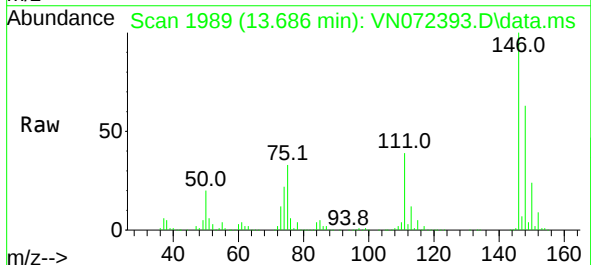
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

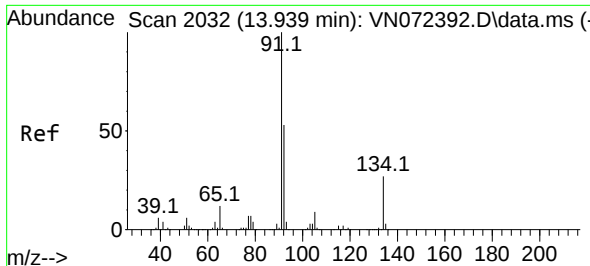
Tgt Ion:146 Resp: 580832
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.0 60.0
 148 63.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 97.648 ug/l
 RT: 13.686 min Scan# 1989
 Delta R.T. -0.006 min
 Lab File: VN072393.D
 Acq: 10 May 2022 15:06

Tgt Ion:146 Resp: 571934
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.1 57.1
 148 63.6 31.4 94.3

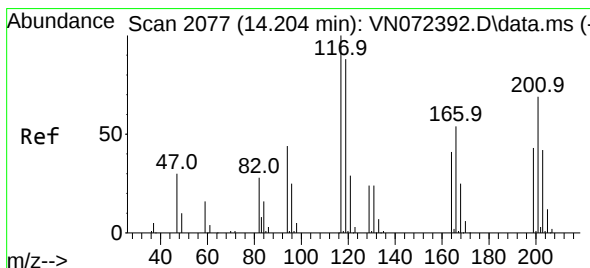
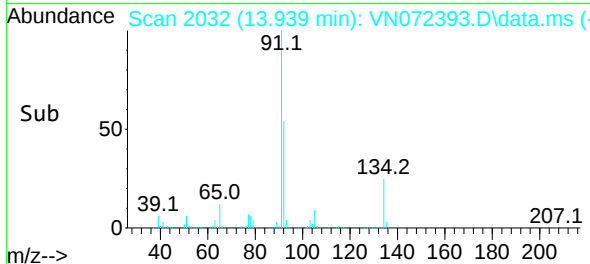
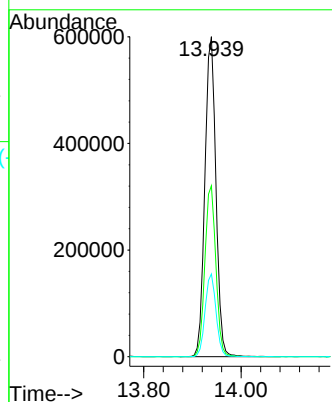
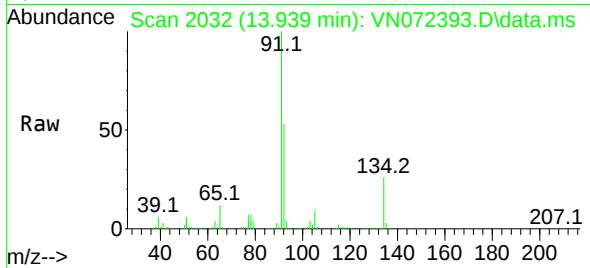




#89
n-Butylbenzene
Concen: 106.639 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

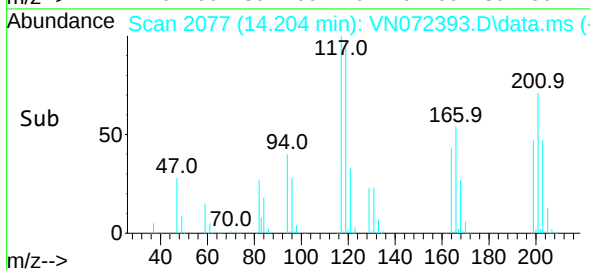
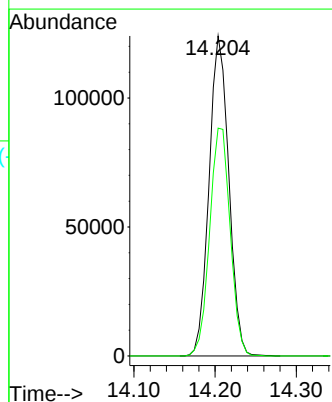
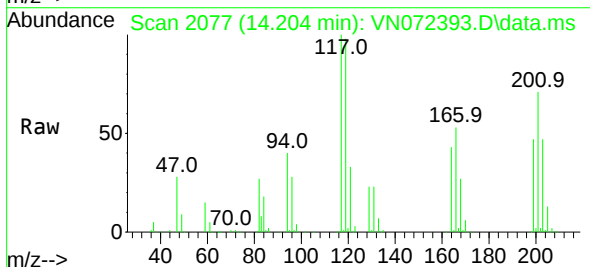
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

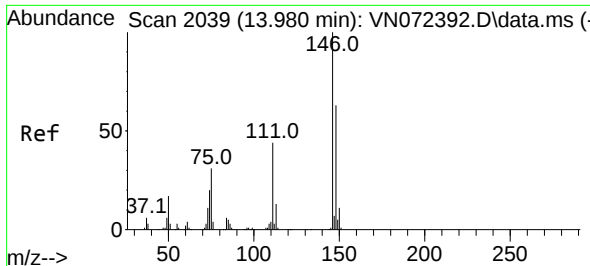
Tgt Ion: 91 Resp: 941828
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 25.7 13.6 40.8



#90
Hexachloroethane
Concen: 83.639 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 117 Resp: 209824
Ion Ratio Lower Upper
117 100
201 74.0 40.6 122.0

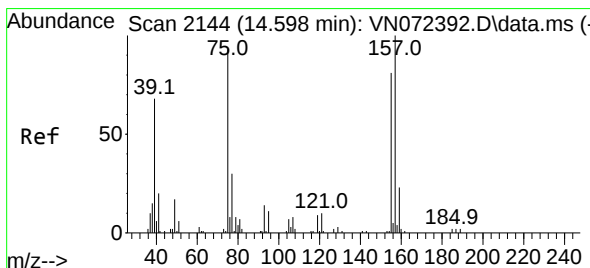
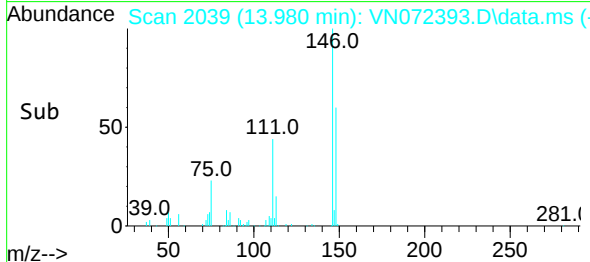
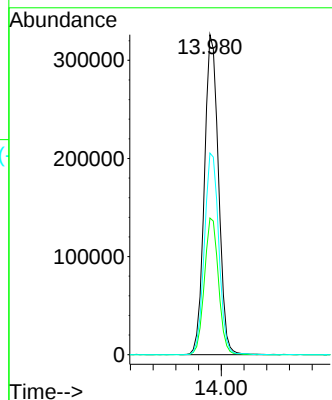
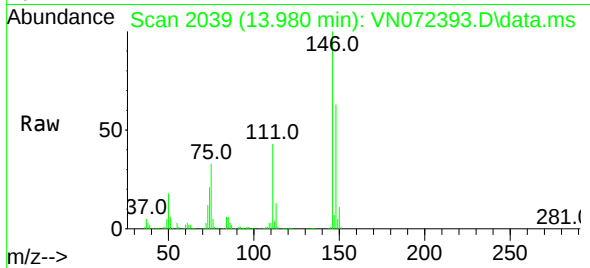




#91
1,2-Dichlorobenzene
Concen: 94.224 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

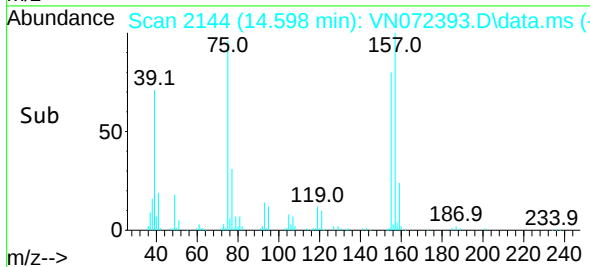
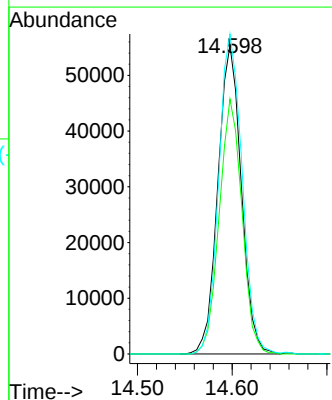
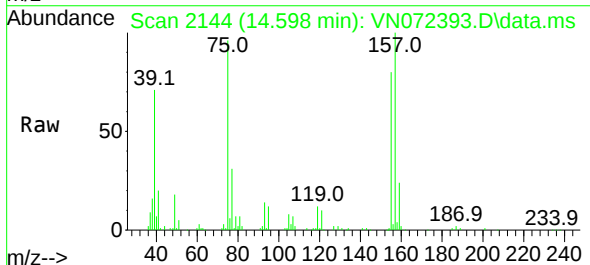
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MSVOA_N
ClientSampleId :
VSTDIC100

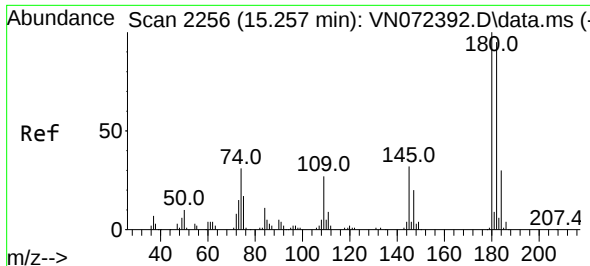
Tgt Ion:146 Resp: 561758
Ion Ratio Lower Upper
146 100
111 42.7 20.9 62.8
148 64.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 88.660 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion: 75 Resp: 95026
Ion Ratio Lower Upper
75 100
155 80.2 44.9 134.5
157 103.7 59.0 176.8

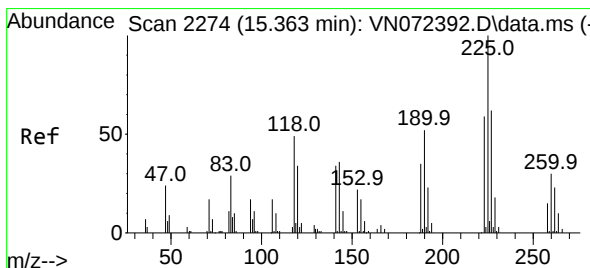
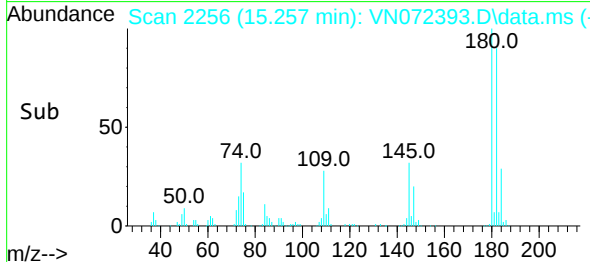
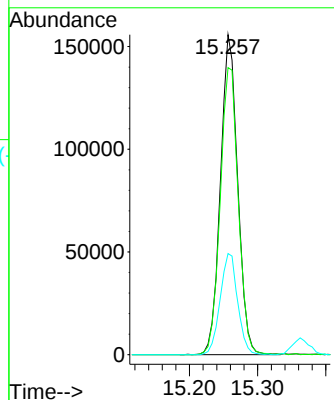
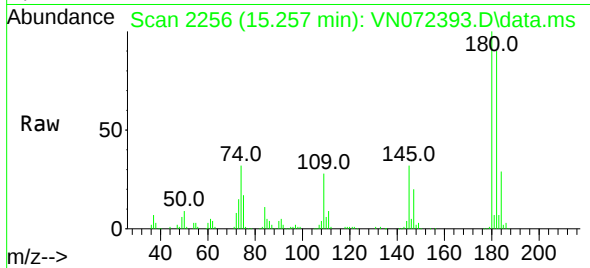




#93
1,2,4-Trichlorobenzene
Concen: 117.336 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

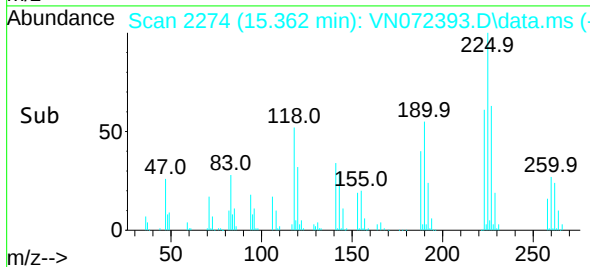
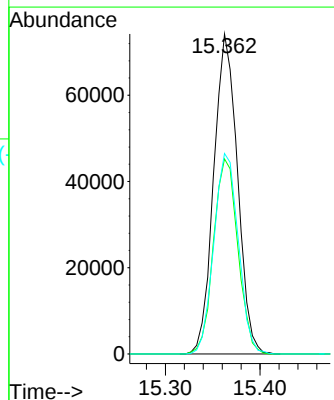
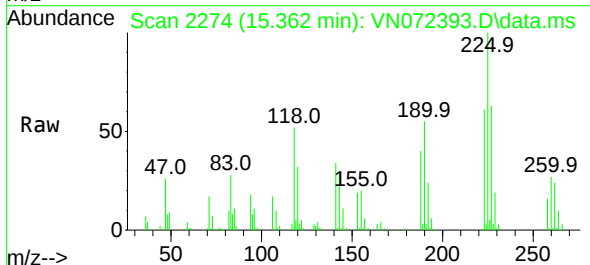
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

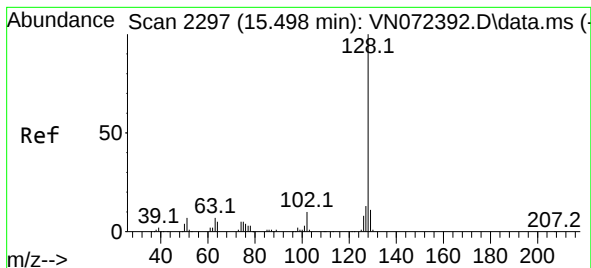
Tgt Ion:180 Resp: 273606
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.5
145 32.1 14.5 43.5



#94
Hexachlorobutadiene
Concen: 81.360 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072393.D
Acq: 10 May 2022 15:06

Tgt Ion:225 Resp: 129257
Ion Ratio Lower Upper
225 100
223 62.5 32.4 97.2
227 64.5 31.8 95.4





#95

Naphthalene

Concen: 134.700 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

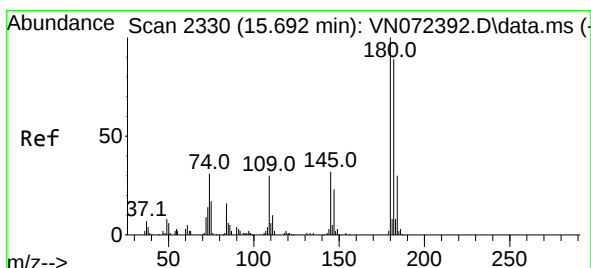
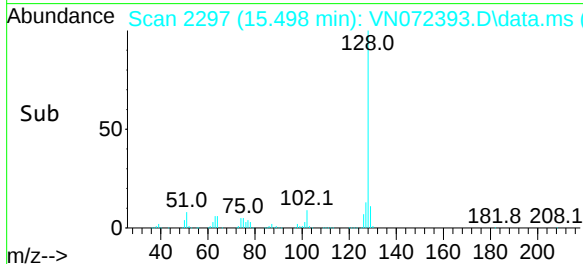
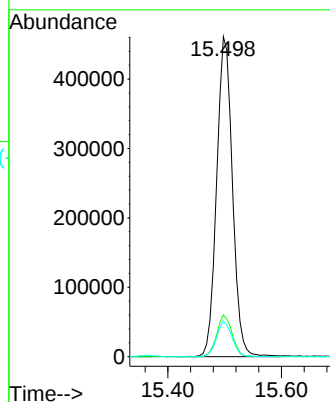
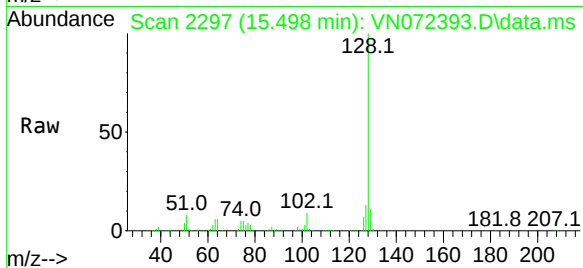
Tgt Ion:128 Resp: 890771

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 118.059 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN072393.D

Acq: 10 May 2022 15:06

Tgt Ion:180 Resp: 267876

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.3

145 33.2 15.5 46.5

