

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073332.D
 Acq On : 06 Jul 2022 09:04
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 07 04:20:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	259345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	448310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	403939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	200722	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	178772	47.750	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.500%
35) Dibromofluoromethane	7.945	113	143993	48.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	10.374	98	507304	47.889	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.668	95	210226	51.640	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	182077	48.020	ug/l	98
3) Chloromethane	2.269	50	170694	46.370	ug/l	96
4) Vinyl Chloride	2.404	62	140126	44.801	ug/l	99
5) Bromomethane	2.781	94	59375	40.192	ug/l	95
6) Chloroethane	2.957	64	87051	47.313	ug/l	100
7) Trichlorofluoromethane	3.310	101	258283	47.765	ug/l	99
8) Diethyl Ether	3.757	74	107245	48.721	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.140	101	153816	48.141	ug/l	96
10) Methyl Iodide	4.345	142	156986	41.096	ug/l	95
11) Tert butyl alcohol	5.287	59	212556	234.364	ug/l	100
12) 1,1-Dichloroethene	4.110	96	142583	46.703	ug/l	90
13) Acrolein	3.981	56	108459	189.199	ug/l	99
14) Allyl chloride	4.757	41	314628	48.919	ug/l #	92
15) Acrylonitrile	5.469	53	583404	249.881	ug/l	99
16) Acetone	4.216	43	517506	246.252	ug/l	93
17) Carbon Disulfide	4.457	76	357768	45.193	ug/l	98
18) Methyl Acetate	4.769	43	288972	49.068	ug/l	92
19) Methyl tert-butyl Ether	5.528	73	547261	49.183	ug/l	97
20) Methylene Chloride	5.010	84	171622	46.469	ug/l	87
21) trans-1,2-Dichloroethene	5.510	96	148483	46.546	ug/l	94
22) Diisopropyl ether	6.410	45	608049	50.665	ug/l	96
23) Vinyl Acetate	6.345	43	2715243	252.694	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	306171	49.298	ug/l	99
25) 2-Butanone	7.257	43	841276	251.438	ug/l	90
26) 2,2-Dichloropropane	7.245	77	262054	45.622	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	182308	47.192	ug/l	93
28) Bromochloromethane	7.580	49	148749	57.188	ug/l	83
29) Tetrahydrofuran	7.604	42	567407	247.669	ug/l	86
30) Chloroform	7.745	83	306750	49.038	ug/l	98
31) Cyclohexane	8.022	56	273523	44.609	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	265031	47.543	ug/l	99
36) 1,1-Dichloropropene	8.145	75	223528	48.705	ug/l	97
37) Ethyl Acetate	7.333	43	338292	48.784	ug/l	94
38) Carbon Tetrachloride	8.133	117	221688	46.710	ug/l	99
39) Methylcyclohexane	9.392	83	273553	47.876	ug/l	93
40) Benzene	8.386	78	676691	47.776	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	163850	48.720	ug/l #	87
42) 1,2-Dichloroethane	8.457	62	252027	49.087	ug/l	98
43) Isopropyl Acetate	8.492	43	502851	50.456	ug/l	93
44) Trichloroethene	9.145	130	169360	46.987	ug/l	93
45) 1,2-Dichloropropane	9.422	63	177964	49.297	ug/l	99
46) Dibromomethane	9.510	93	116147	47.384	ug/l	94
47) Bromodichloromethane	9.692	83	243804	51.354	ug/l	99
48) Methyl methacrylate	9.492	41	225437	48.855	ug/l	92
49) 1,4-Dioxane	9.498	88	83199	949.766	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	1634968	258.695	ug/l	90
52) Toluene	10.439	92	423973	48.436	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	270284	51.716	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	286468	50.771	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	171268	47.528	ug/l	97
56) Ethyl methacrylate	10.698	69	296602	50.923	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	303244	49.090	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	695754	267.845	ug/l	95
59) 2-Hexanone	11.021	43	1253633	260.219	ug/l	88
60) Dibromochloromethane	11.174	129	177935	51.790	ug/l	100
61) 1,2-Dibromoethane	11.286	107	182934	50.824	ug/l	98
64) Tetrachloroethene	10.910	164	154097	46.718	ug/l	93
65) Chlorobenzene	11.710	112	441844	48.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	163876	48.769	ug/l	98
67) Ethyl Benzene	11.780	91	821317	49.520	ug/l	99
68) m/p-Xylenes	11.892	106	621467	99.287	ug/l	95
69) o-Xylene	12.221	106	310330	48.566	ug/l	97
70) Styrene	12.233	104	510449	51.741	ug/l	98
71) Bromoform	12.398	173	130240	52.969	ug/l #	99
73) Isopropylbenzene	12.515	105	808243	46.630	ug/l	98
74) N-amyl acetate	12.327	43	407018	46.896	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	266485	46.331	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	365403	69.621	ug/l #	1
77) Bromobenzene	12.798	156	181796	45.111	ug/l	86
78) n-propylbenzene	12.857	91	950492	49.361	ug/l	97
79) 2-Chlorotoluene	12.945	91	566080	46.449	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	681629	48.247	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.563	75	94607	49.435	ug/l	95
82) 4-Chlorotoluene	13.039	91	552208	46.803	ug/l	98
83) tert-Butylbenzene	13.262	119	588149	46.435	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	669601	47.472	ug/l	95
85) sec-Butylbenzene	13.439	105	833114	48.984	ug/l	98
86) p-Isopropyltoluene	13.551	119	683456	49.746	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	332121	45.938	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	334238	46.142	ug/l	99
89) n-Butylbenzene	13.880	91	577975	50.484	ug/l	98
90) Hexachloroethane	14.145	117	124635	48.677	ug/l	85
91) 1,2-Dichlorobenzene	13.927	146	339998	46.166	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	66073	47.262	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	184915	48.221	ug/l	99
94) Hexachlorobutadiene	15.298	225	77800	45.639	ug/l	99
95) Naphthalene	15.433	128	686936	44.405	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	186019	47.025	ug/l	98

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ClientSampleId :
VSTDCCC050

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QLast Update : Wed Jun 29 01:54:03 2022
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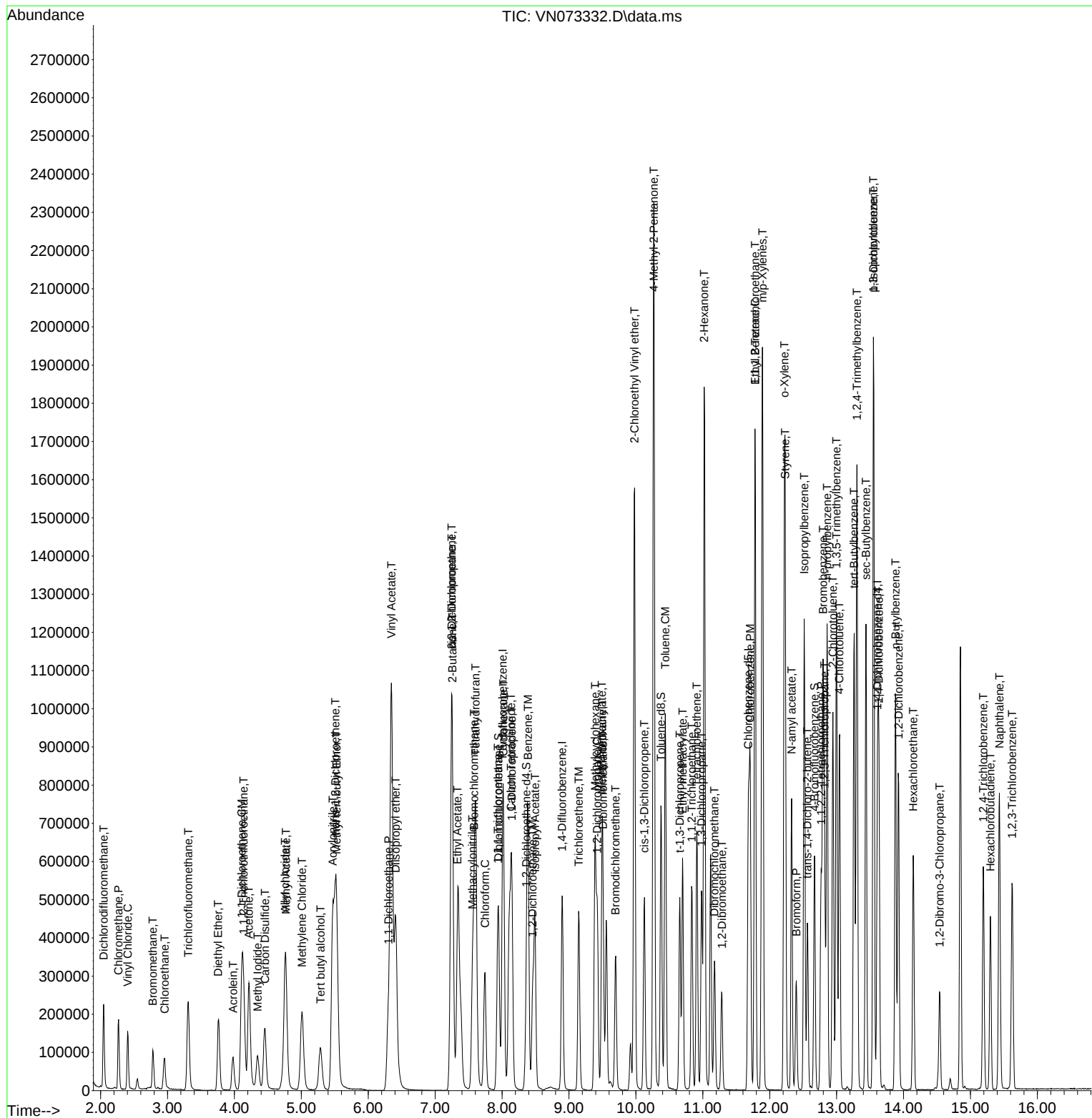
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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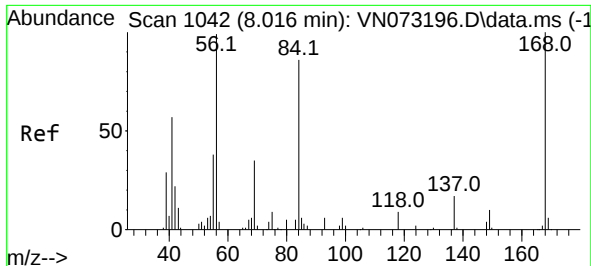
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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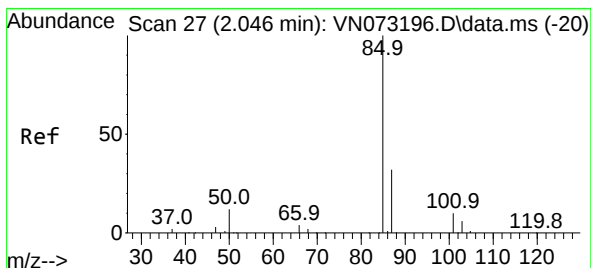
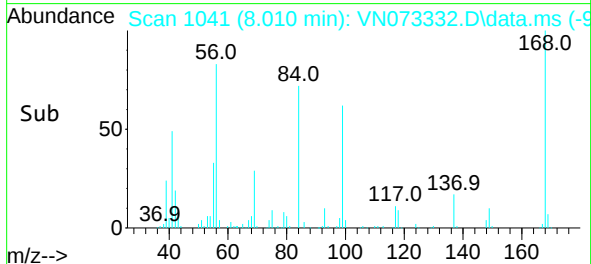
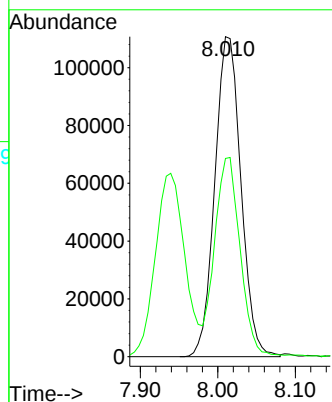
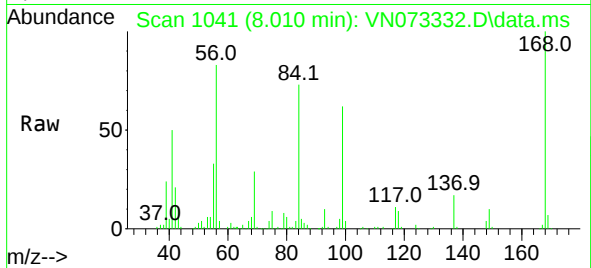




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073332.D
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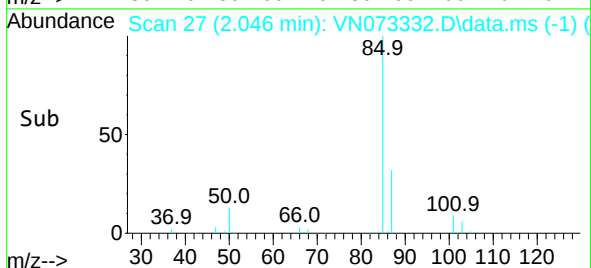
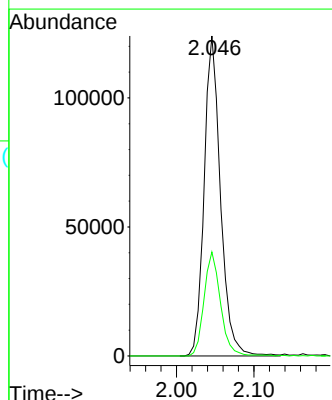
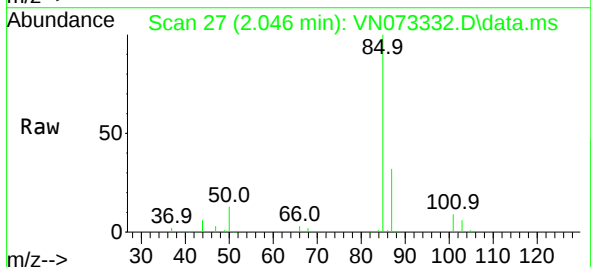
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 259345
Ion Ratio Lower Upper
168 100
99 61.4 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 48.020 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 85 Resp: 182077
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1

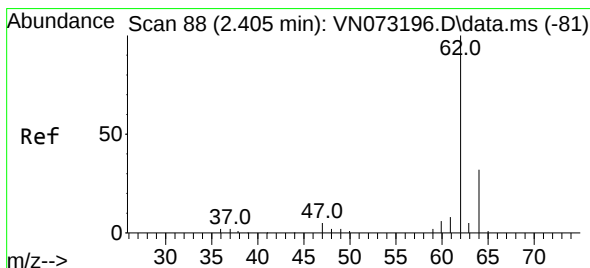
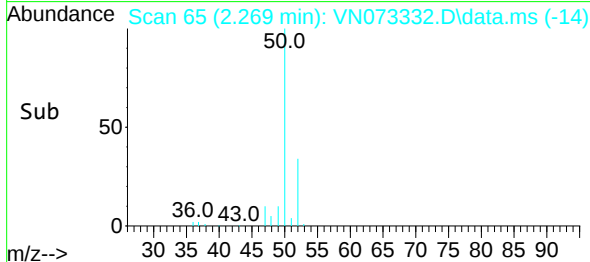
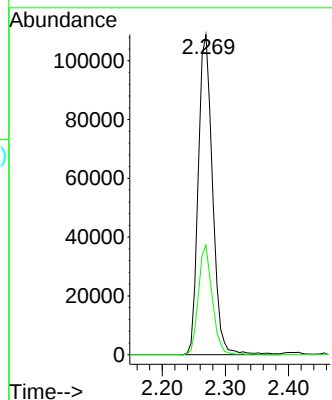
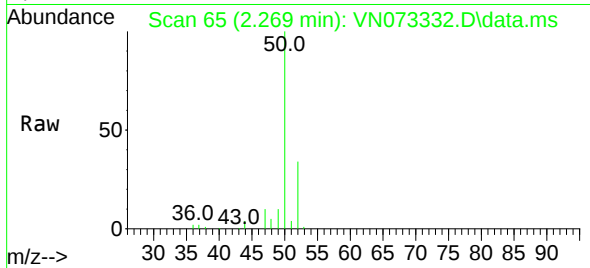




#3
Chloromethane
Concen: 46.370 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

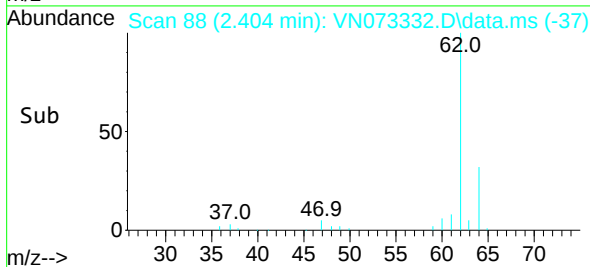
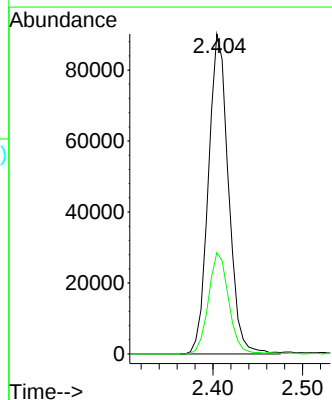
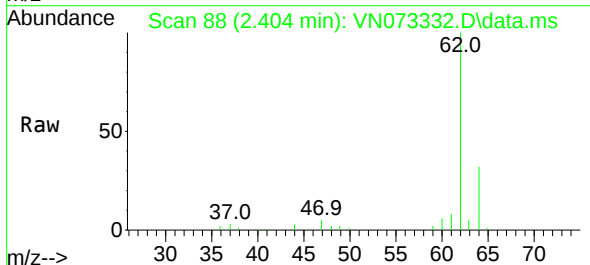
Instrument :
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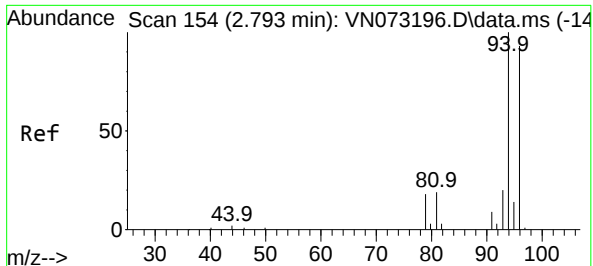
Tgt Ion: 50 Resp: 170694
Ion Ratio Lower Upper
50 100
52 34.2 25.7 38.5



#4
Vinyl Chloride
Concen: 44.801 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.001 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 62 Resp: 140126
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.4

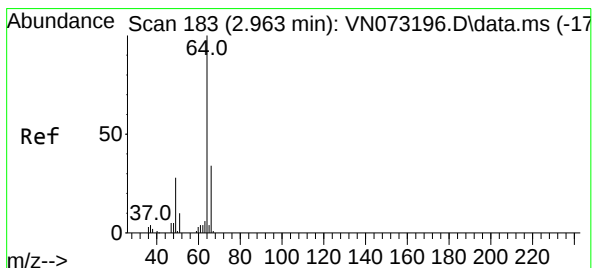
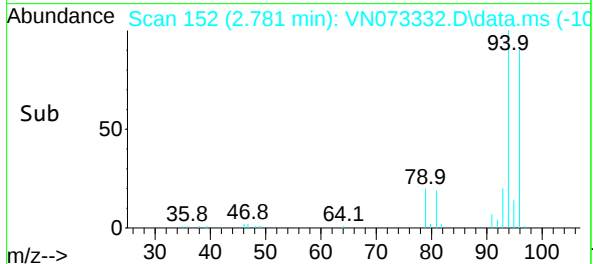
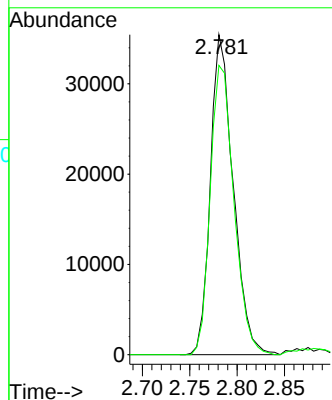
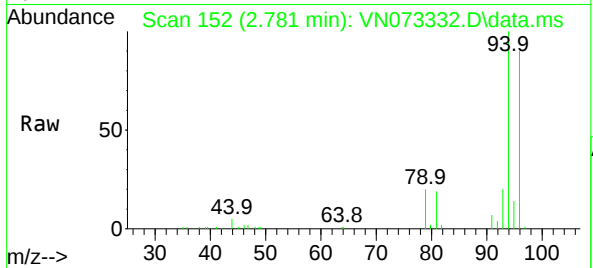




#5
Bromomethane
Concen: 40.192 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073332.D
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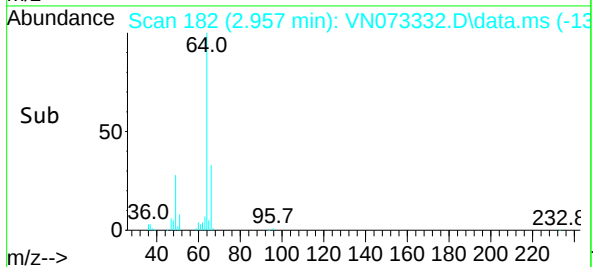
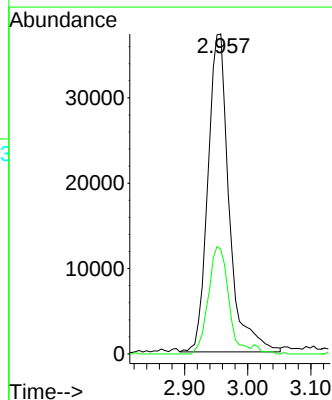
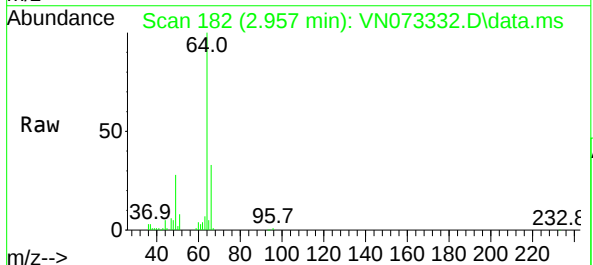
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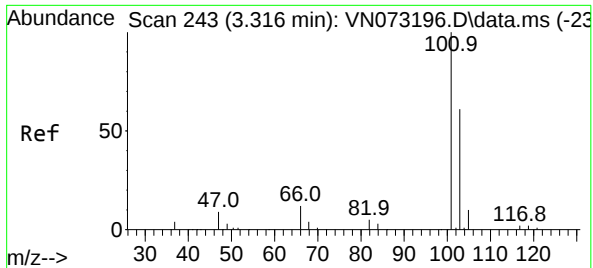
Tgt Ion: 94 Resp: 59375
Ion Ratio Lower Upper
94 100
96 90.4 76.0 114.0



#6
Chloroethane
Concen: 47.313 ug/l
RT: 2.957 min Scan# 182
Delta R.T. -0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 64 Resp: 87051
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4

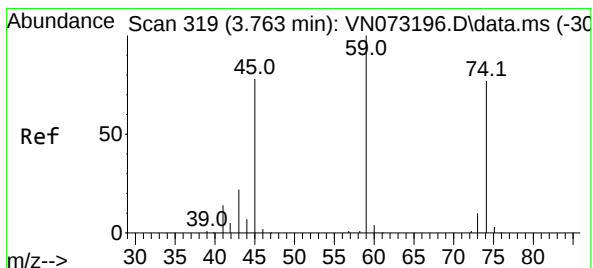
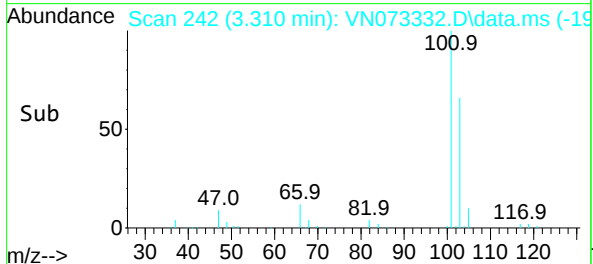
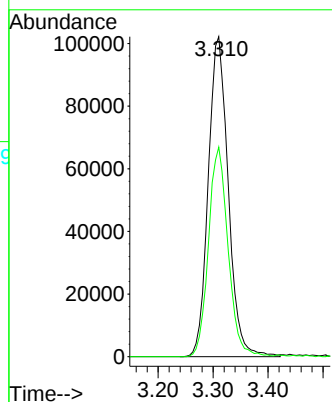
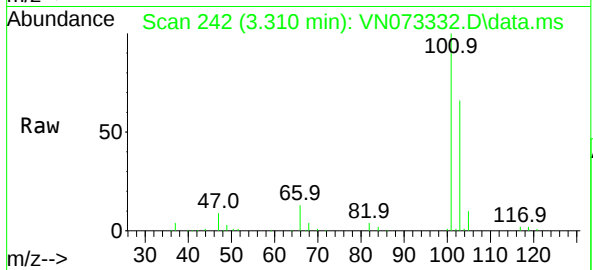




#7
 Trichlorofluoromethane
 Concen: 47.765 ug/l
 RT: 3.310 min Scan# 243
 Delta R.T. -0.006 min
 Lab File: VN073332.D
 Acq: 06 Jul 2022 09:04

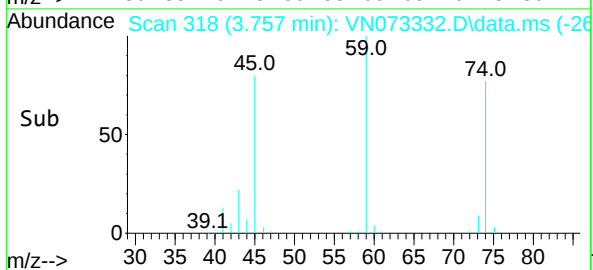
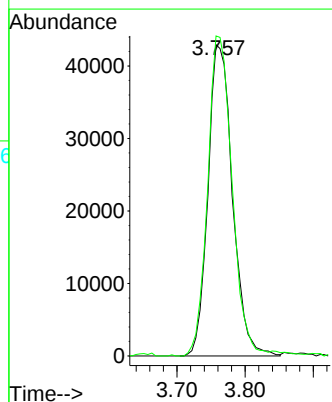
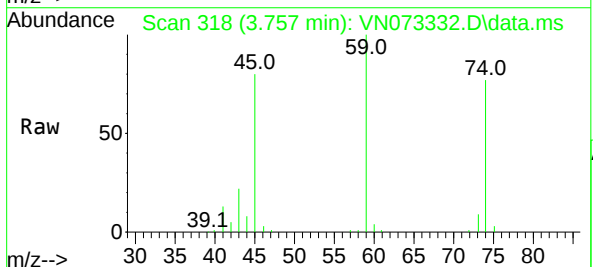
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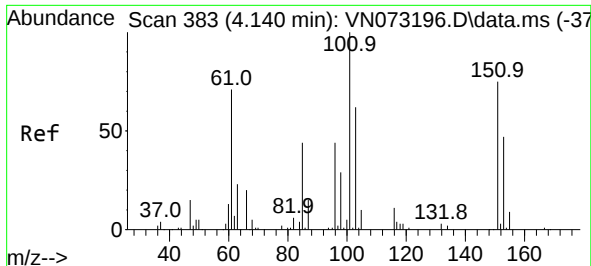
Tgt Ion:101 Resp: 258283
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 48.721 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VN073332.D
 Acq: 06 Jul 2022 09:04

Tgt Ion: 74 Resp: 107245
 Ion Ratio Lower Upper
 74 100
 45 102.5 42.9 128.5

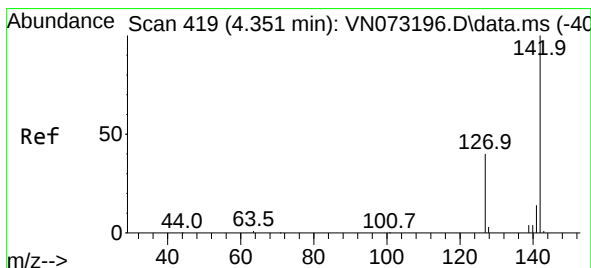
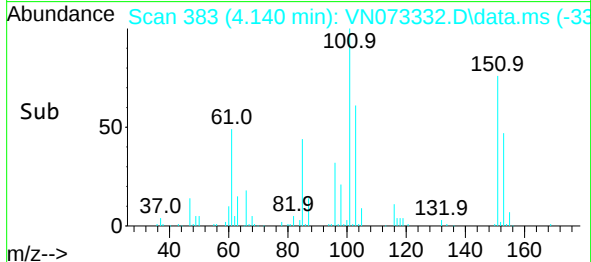
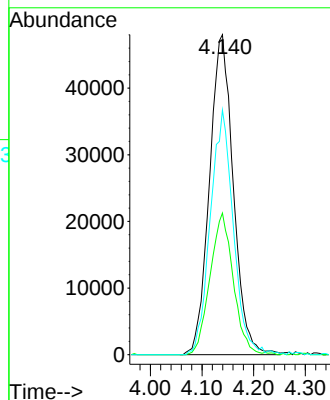
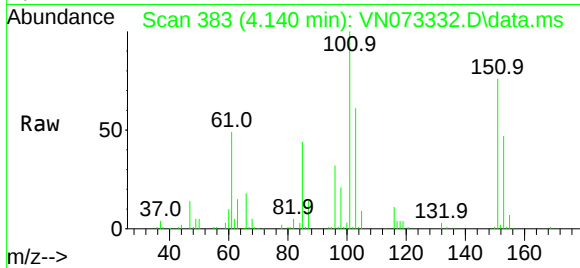




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.141 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

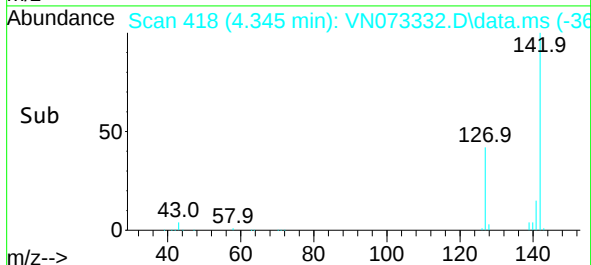
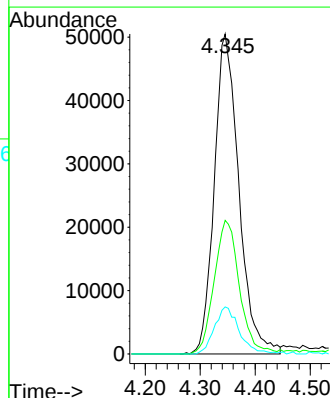
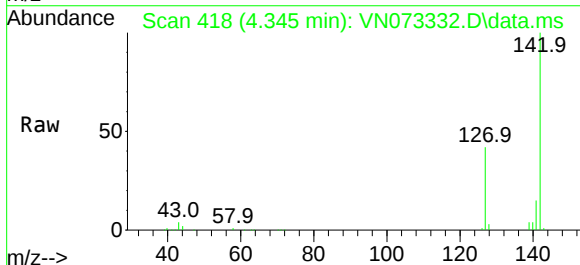
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 153816
Ion Ratio Lower Upper
101 100
85 43.0 34.7 52.1
151 74.0 63.0 94.4



#10
Methyl Iodide
Concen: 41.096 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion:142 Resp: 156986
Ion Ratio Lower Upper
142 100
127 42.8 31.3 46.9
141 14.9 11.2 16.8

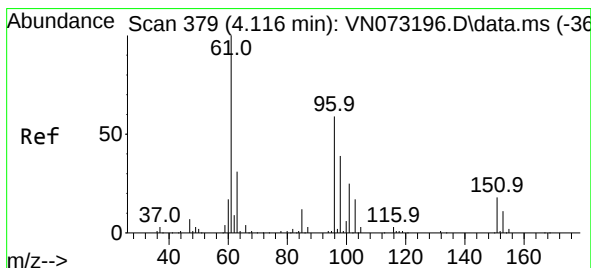
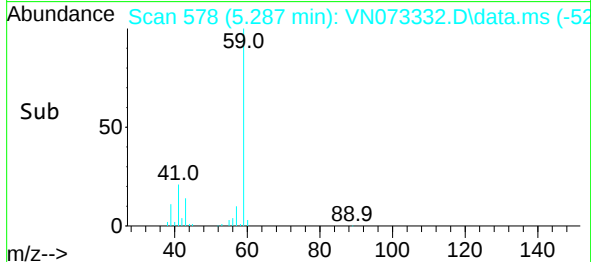
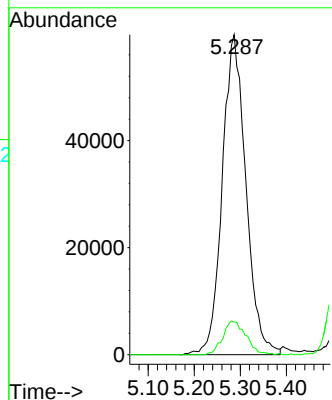
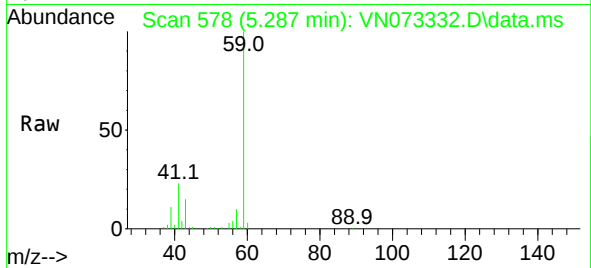




#11
Tert butyl alcohol
Concen: 234.364 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

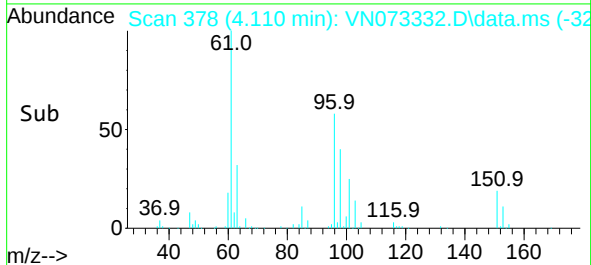
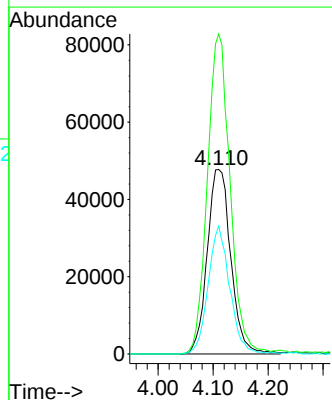
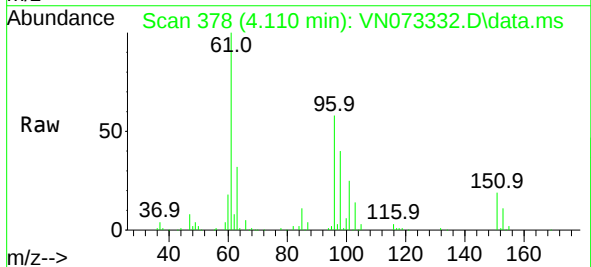
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 212556
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.703 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 96 Resp: 142583
Ion Ratio Lower Upper
96 100
61 173.4 127.6 191.4
98 69.4 51.2 76.8

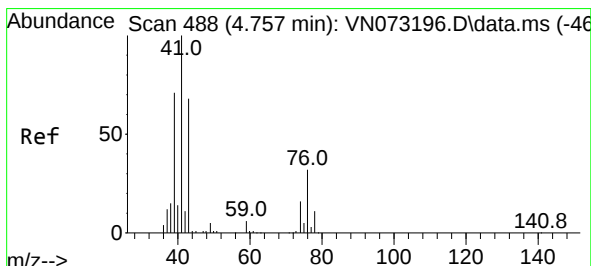
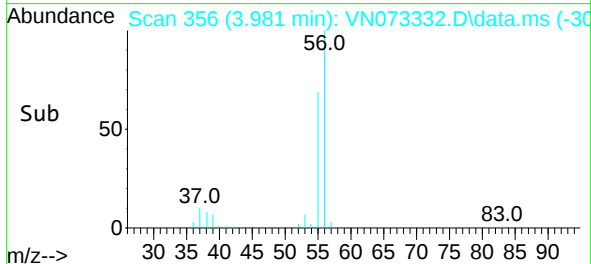
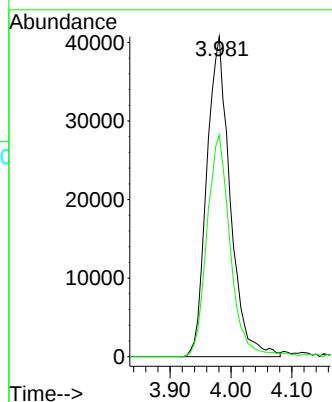
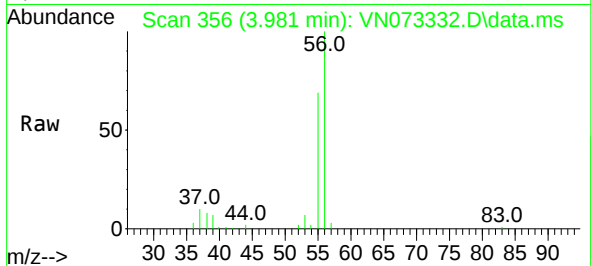




#13
Acrolein
Concen: 189.199 ug/l
RT: 3.981 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

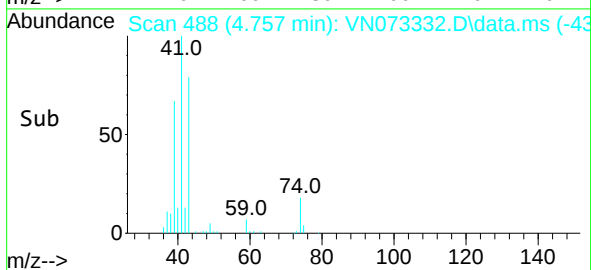
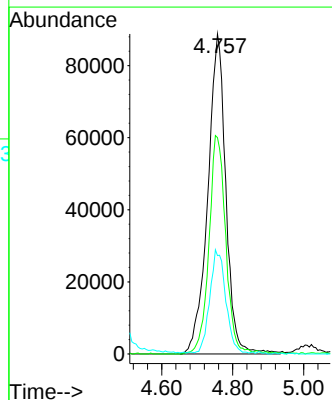
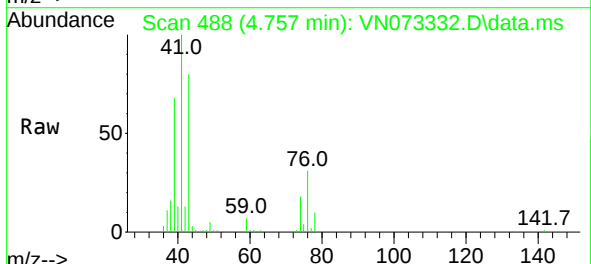
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 108459
Ion Ratio Lower Upper
56 100
55 69.1 54.8 82.2



#14
Allyl chloride
Concen: 48.919 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 41 Resp: 314628
Ion Ratio Lower Upper
41 100
39 63.0 53.2 79.8
76 28.1 29.9 44.9#

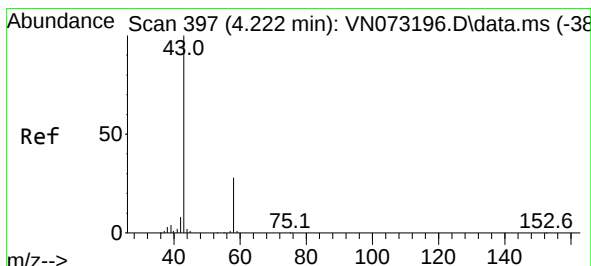
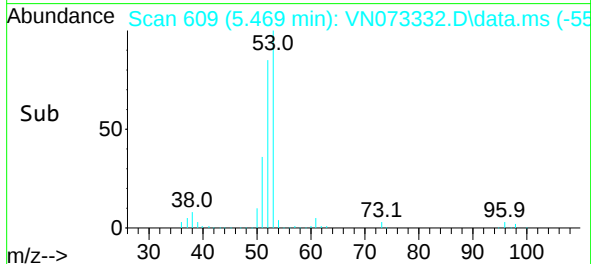
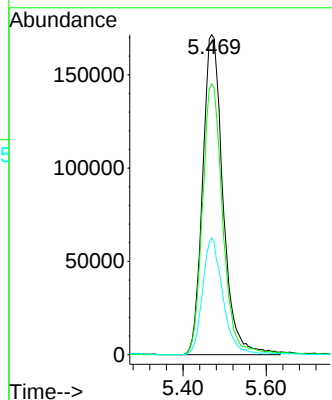
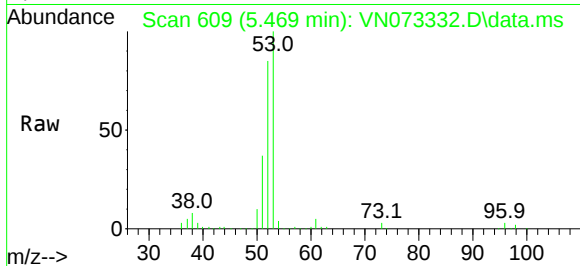




#15
Acrylonitrile
Concen: 249.881 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

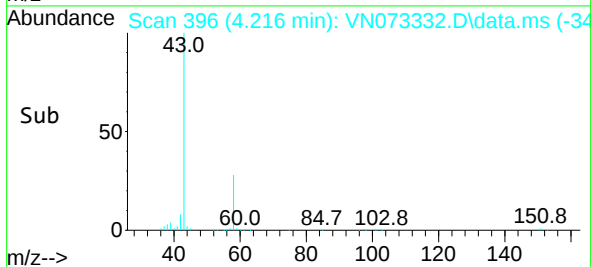
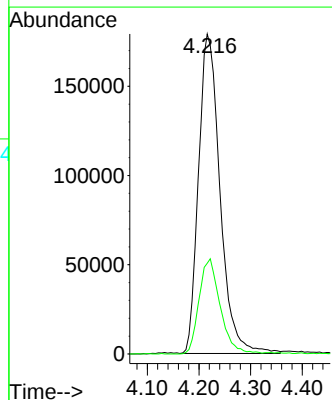
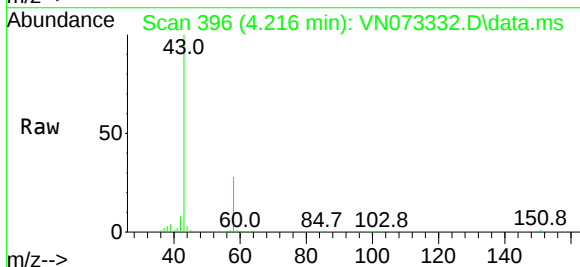
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

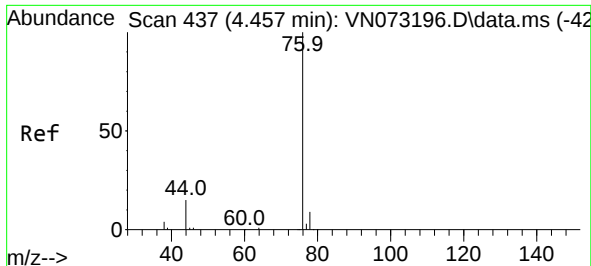
Tgt Ion: 53 Resp: 583404
Ion Ratio Lower Upper
53 100
52 84.2 66.4 99.6
51 36.2 28.5 42.7



#16
Acetone
Concen: 246.252 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 43 Resp: 517506
Ion Ratio Lower Upper
43 100
58 28.4 26.0 39.0

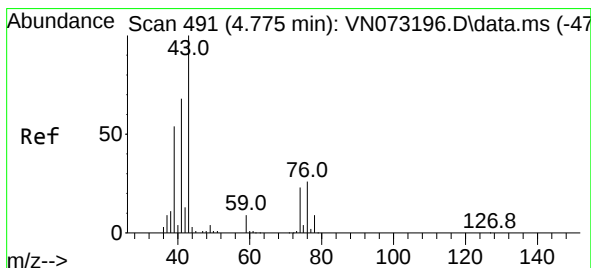
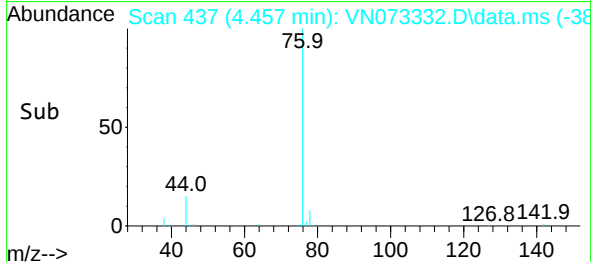
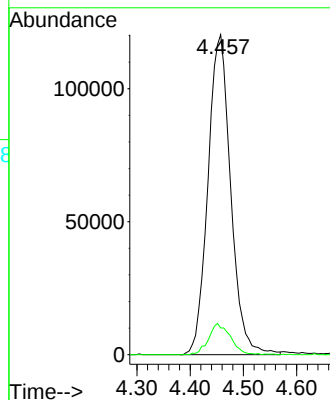
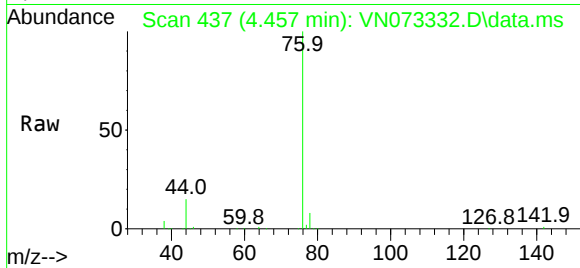




#17
Carbon Disulfide
Concen: 45.193 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

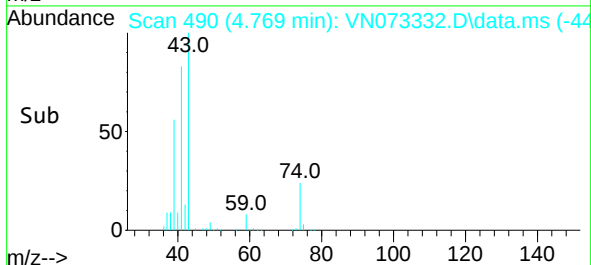
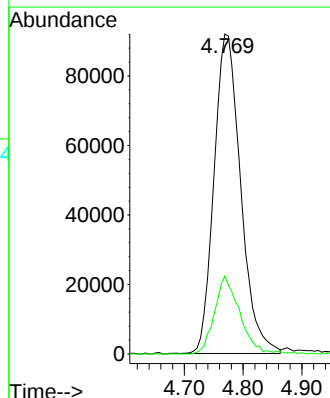
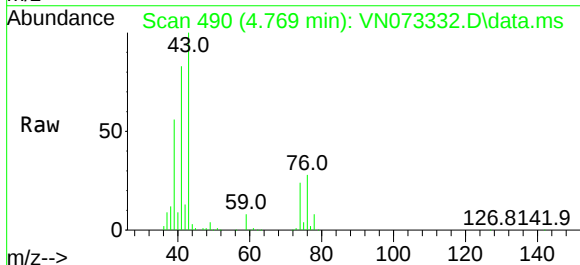
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

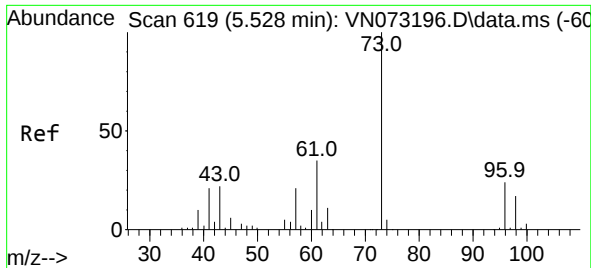
Tgt Ion: 76 Resp: 357768
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 49.068 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 43 Resp: 288972
Ion Ratio Lower Upper
43 100
74 22.8 21.6 32.4

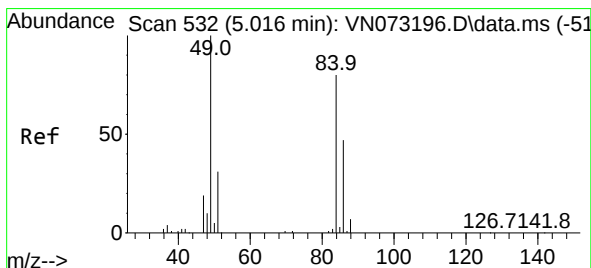
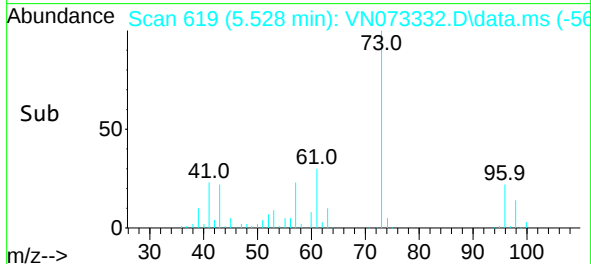
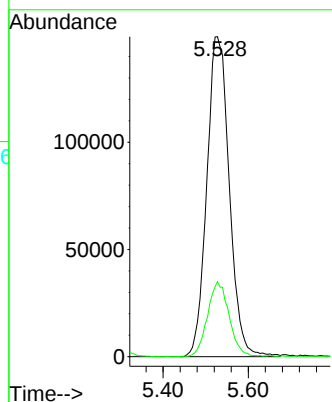
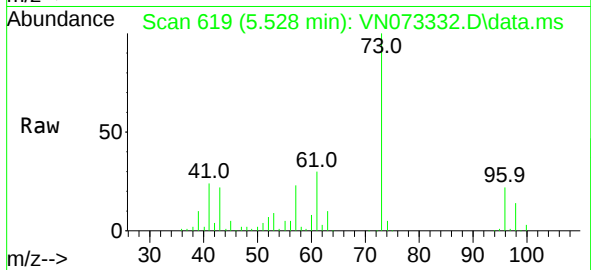




#19
Methyl tert-butyl Ether
Concen: 49.183 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

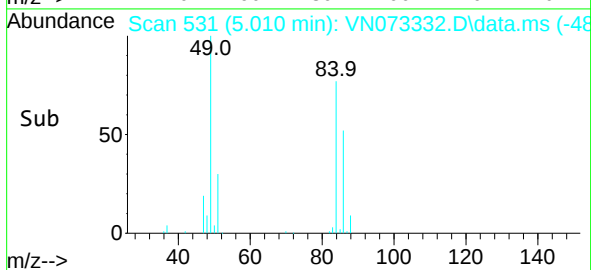
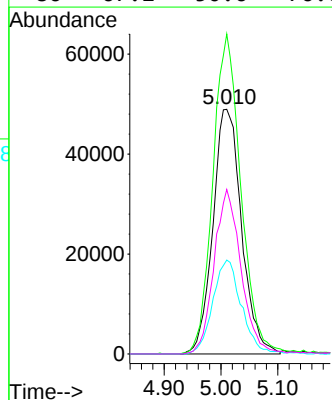
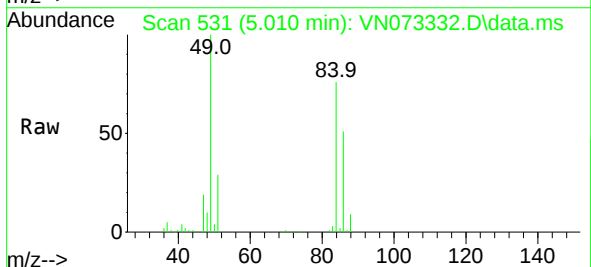
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

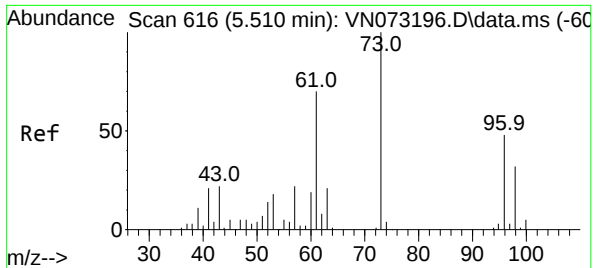
Tgt Ion: 73 Resp: 547261
Ion Ratio Lower Upper
73 100
57 23.3 17.6 26.4



#20
Methylene Chloride
Concen: 46.469 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 84 Resp: 171622
Ion Ratio Lower Upper
84 100
49 130.8 88.3 132.5
51 38.4 28.2 42.2
86 67.2 50.6 76.0

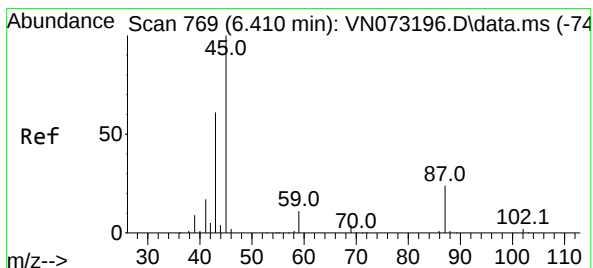
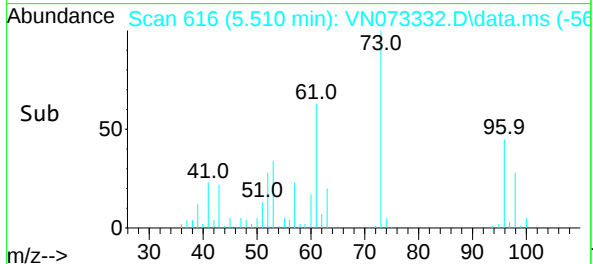
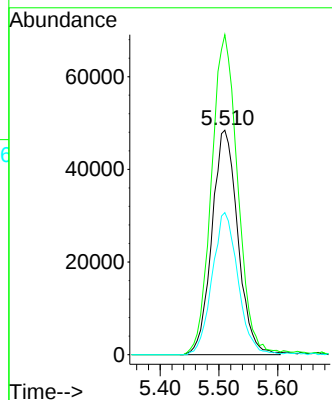
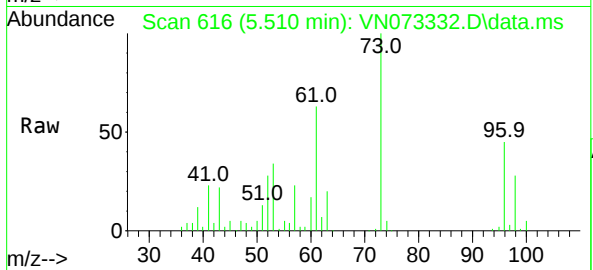




#21
trans-1,2-Dichloroethene
Concen: 46.546 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

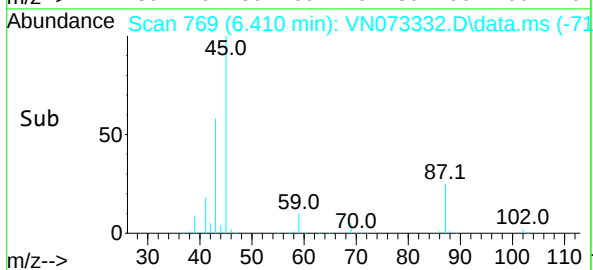
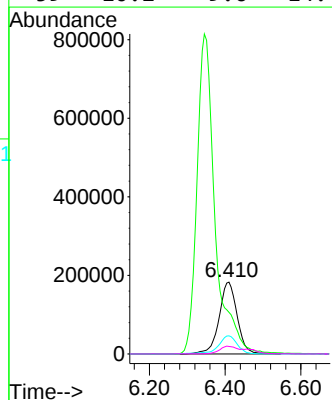
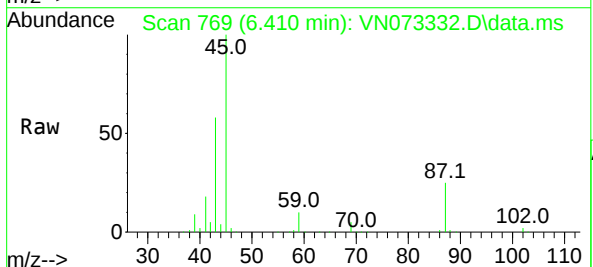
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 148483
Ion Ratio Lower Upper
96 100
61 142.5 105.8 158.8
98 63.3 50.3 75.5



#22
Diisopropyl ether
Concen: 50.665 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 45 Resp: 608049
Ion Ratio Lower Upper
45 100
43 57.4 46.6 70.0
87 25.1 24.3 36.5
59 10.2 9.6 14.4

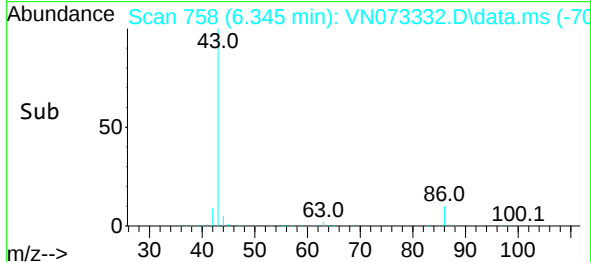
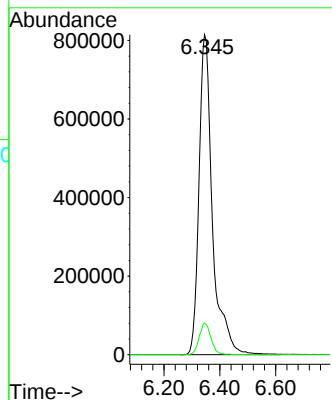
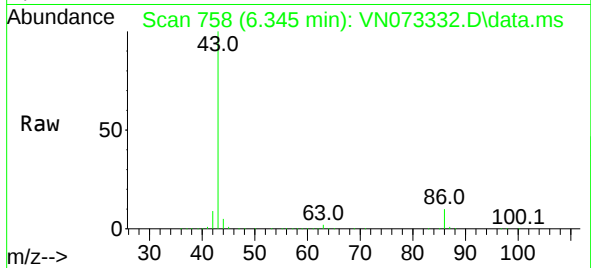




#23
 Vinyl Acetate
 Concen: 252.694 ug/l
 RT: 6.345 min Scan# 759
 Delta R.T. -0.006 min
 Lab File: VN073332.D
 Acq: 06 Jul 2022 09:04

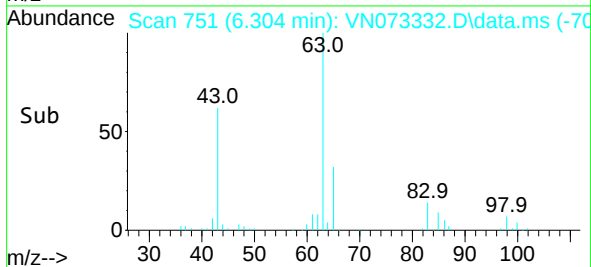
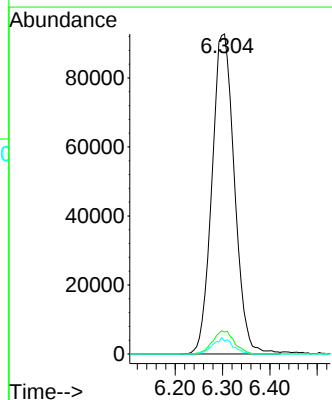
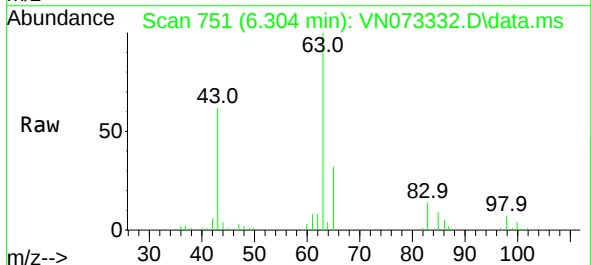
Instrument :
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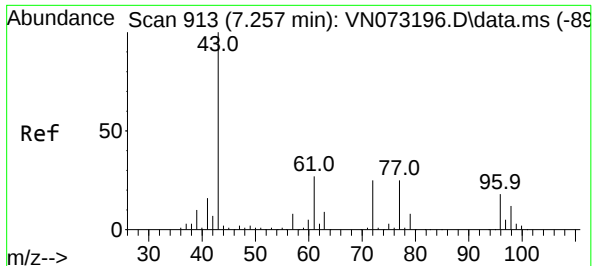
Tgt Ion: 43 Resp: 2715243
 Ion Ratio Lower Upper
 43 100
 86 9.9 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 49.298 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073332.D
 Acq: 06 Jul 2022 09:04

Tgt Ion: 63 Resp: 306171
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.1 2.3 6.8

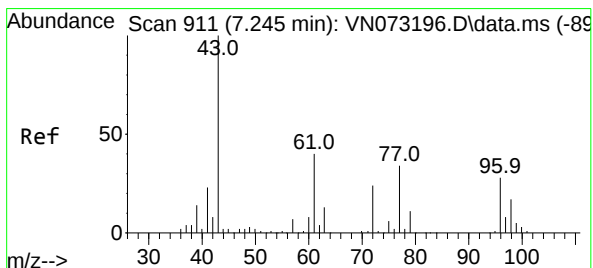
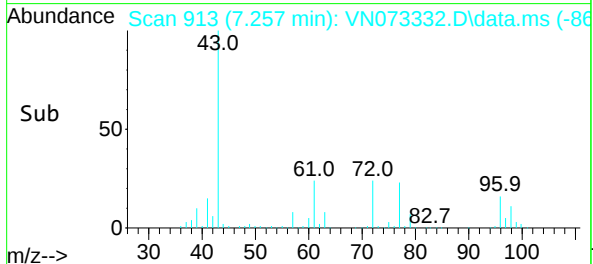
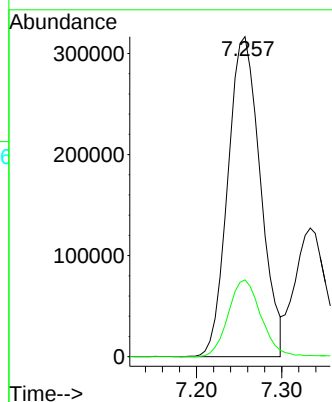
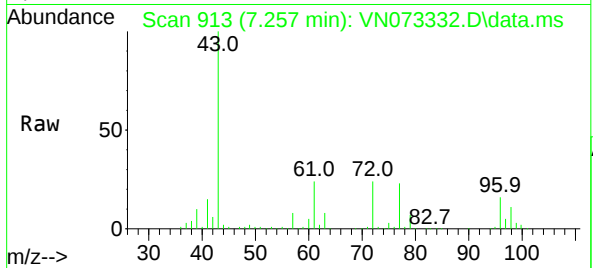




#25
2-Butanone
Concen: 251.438 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

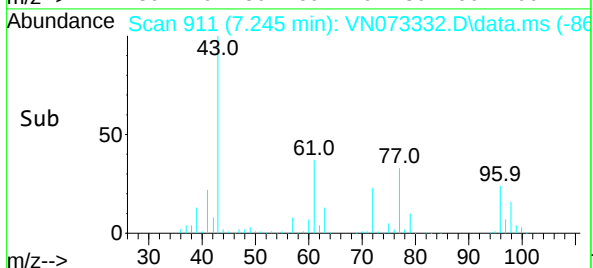
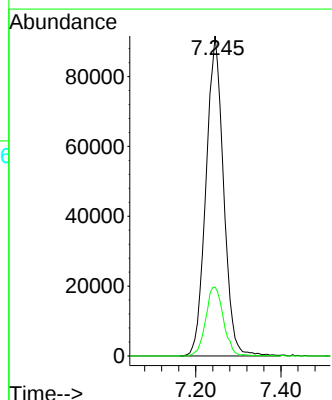
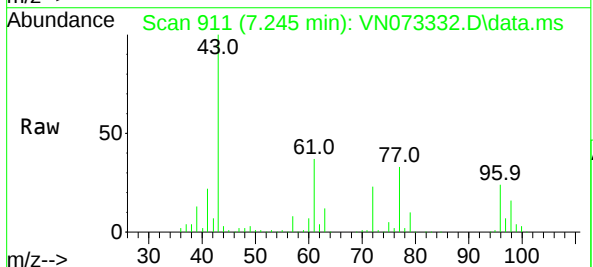
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

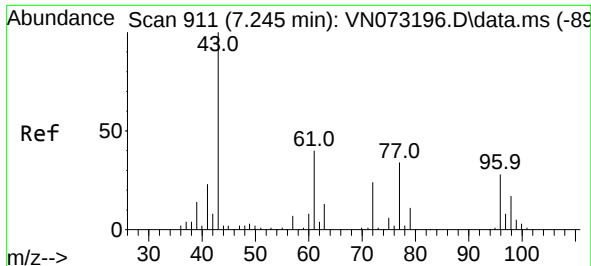
Tgt Ion: 43 Resp: 841276
Ion Ratio Lower Upper
43 100
72 24.0 23.7 35.5



#26
2,2-Dichloropropane
Concen: 45.622 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 77 Resp: 262054
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.2

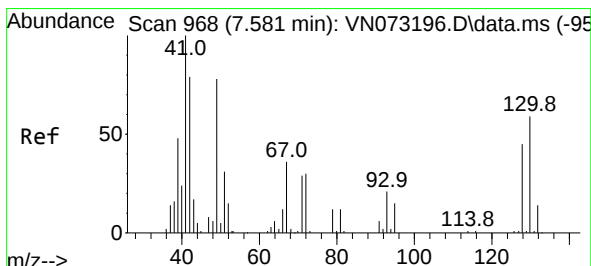
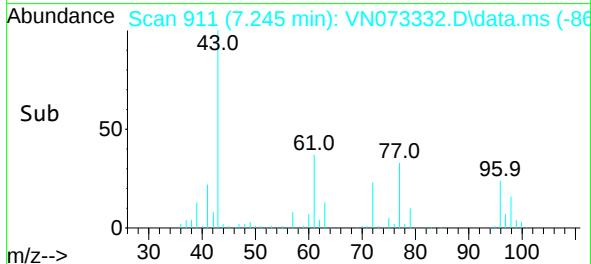
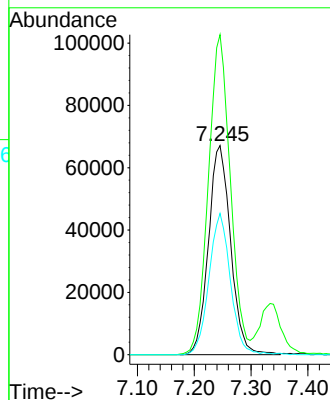
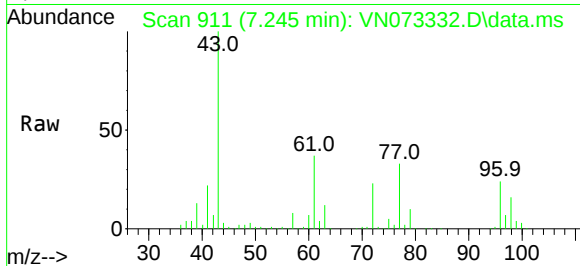




#27
 cis-1,2-Dichloroethene
 Concen: 47.192 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073332.D
 Acq: 06 Jul 2022 09:04

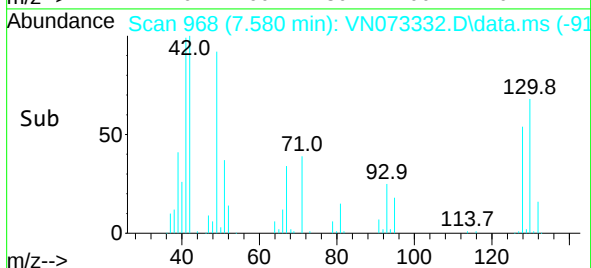
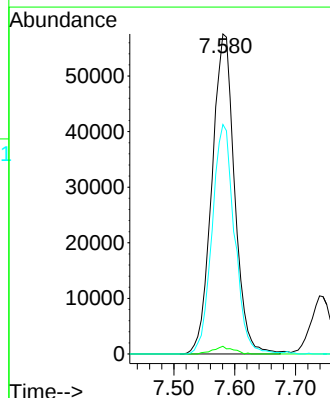
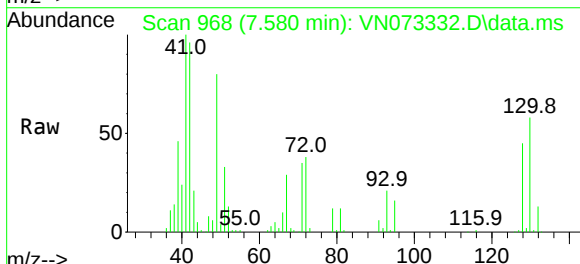
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

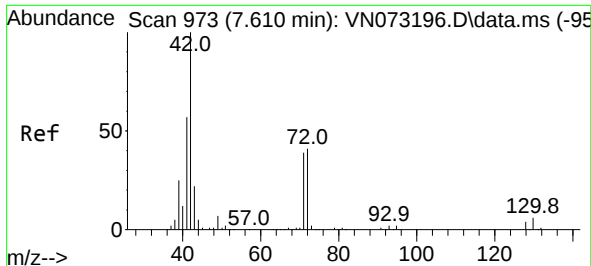
Tgt Ion: 96 Resp: 182308
 Ion Ratio Lower Upper
 96 100
 61 151.2 0.0 280.6
 98 65.2 0.0 128.4



#28
 Bromochloromethane
 Concen: 57.188 ug/l
 RT: 7.580 min Scan# 968
 Delta R.T. -0.001 min
 Lab File: VN073332.D
 Acq: 06 Jul 2022 09:04

Tgt Ion: 49 Resp: 148749
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 71.0 69.7 104.5





#29

Tetrahydrofuran

Concen: 247.669 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

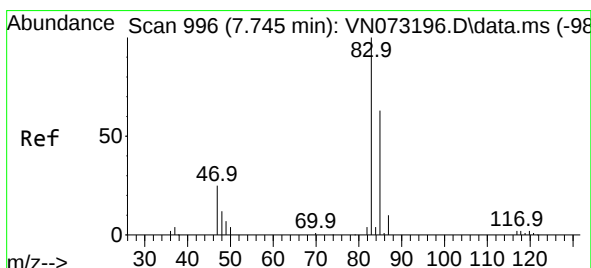
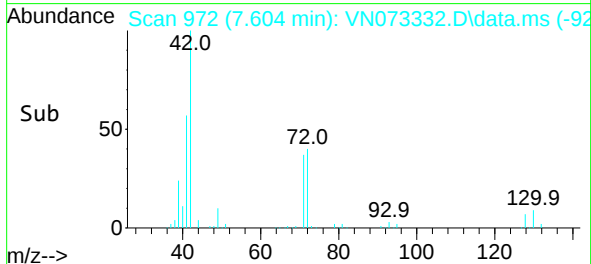
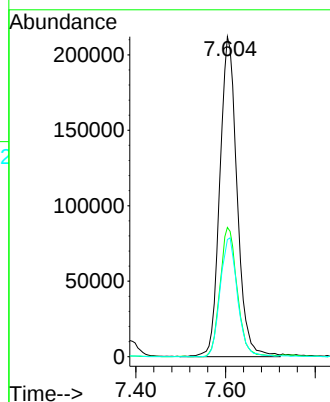
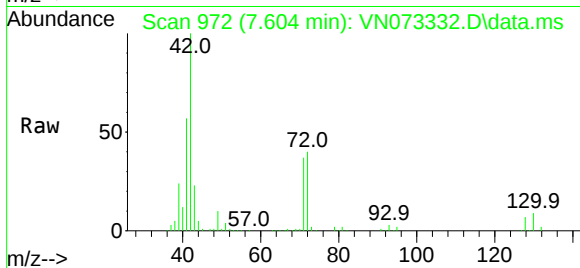
MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 567407

Ion	Ratio	Lower	Upper
42	100		
72	39.9	39.7	59.5
71	37.1	36.6	55.0



#30

Chloroform

Concen: 49.038 ug/l

RT: 7.745 min Scan# 996

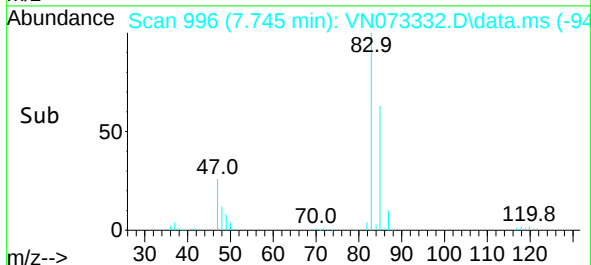
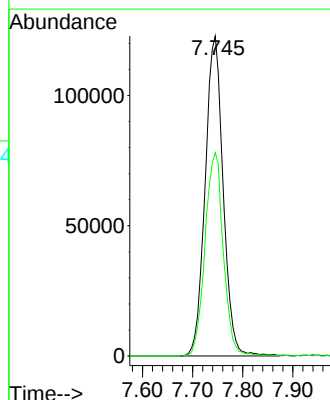
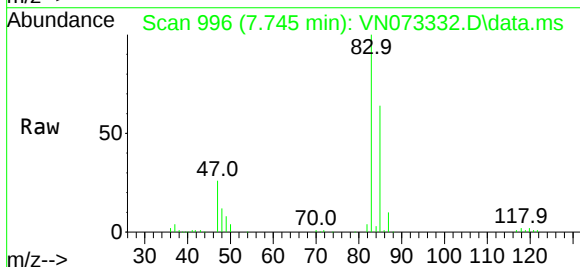
Delta R.T. 0.000 min

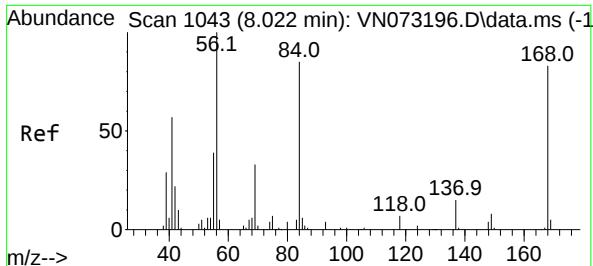
Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Tgt Ion: 83 Resp: 306750

Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.8	77.8

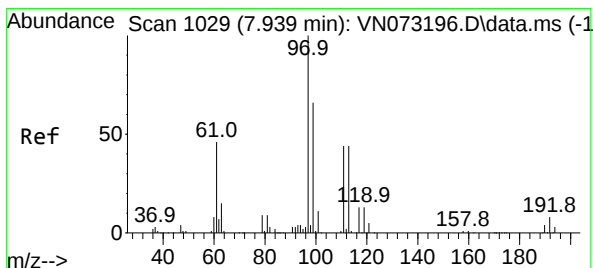
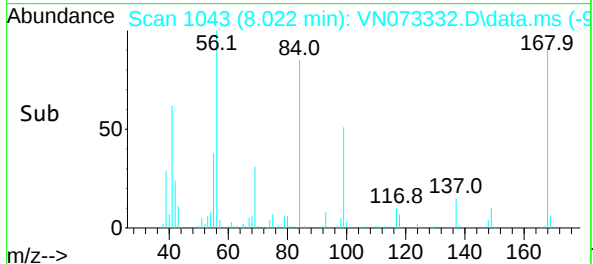
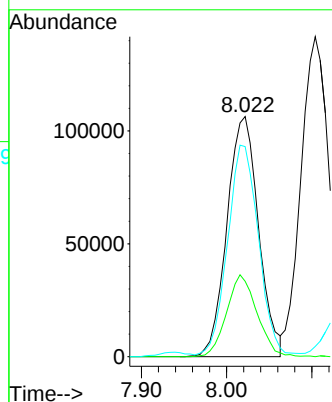
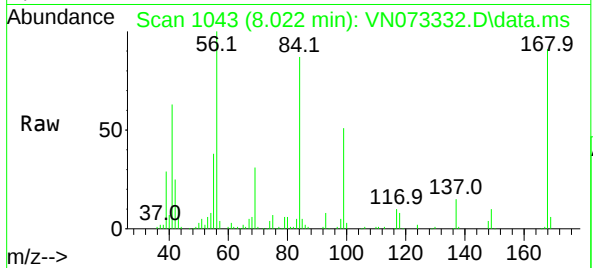




#31
Cyclohexane
Concen: 44.609 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

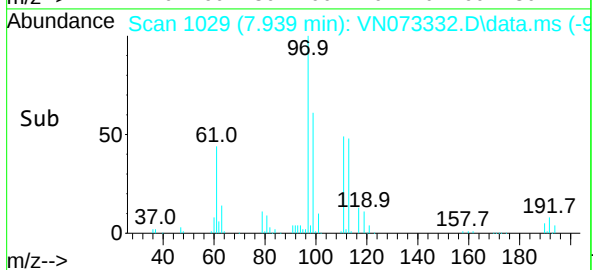
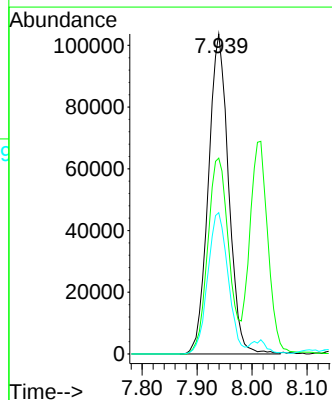
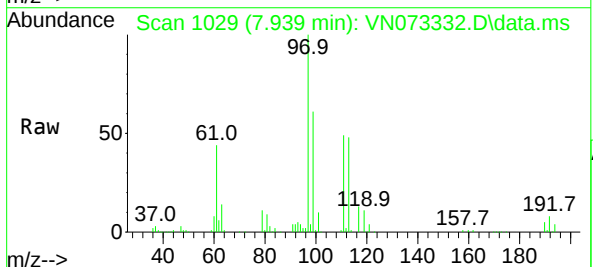
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 273523
Ion Ratio Lower Upper
56 100
69 31.4 27.8 41.8
84 85.8 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 47.543 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 97 Resp: 265031
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 44.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 47.750 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

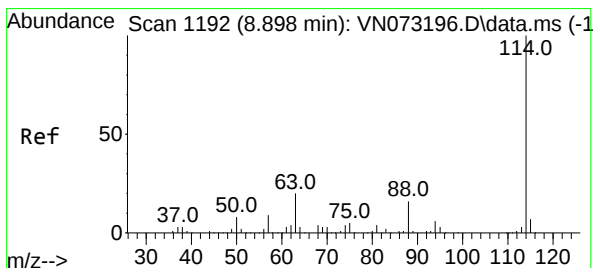
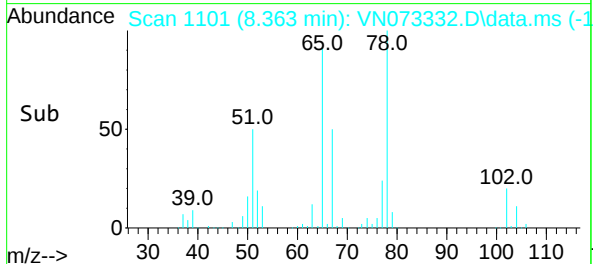
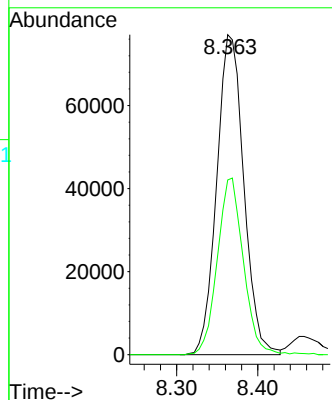
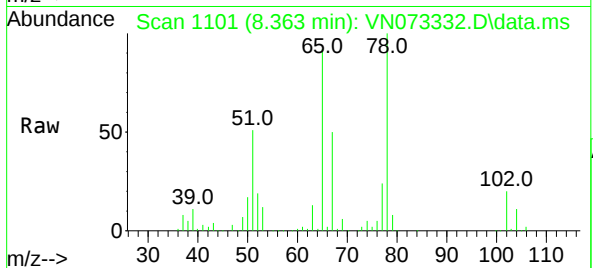
VSTDCCC050

Tgt Ion: 65 Resp: 178772

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

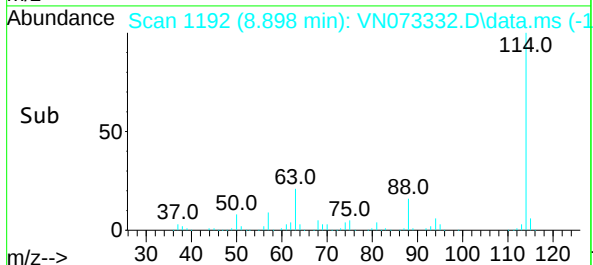
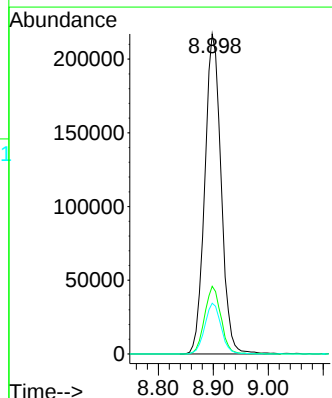
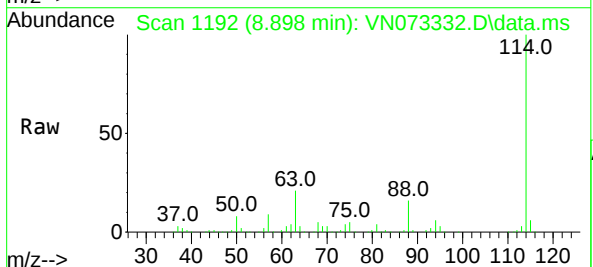
Tgt Ion: 114 Resp: 448310

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.277 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

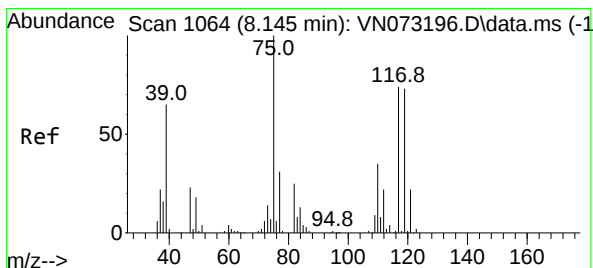
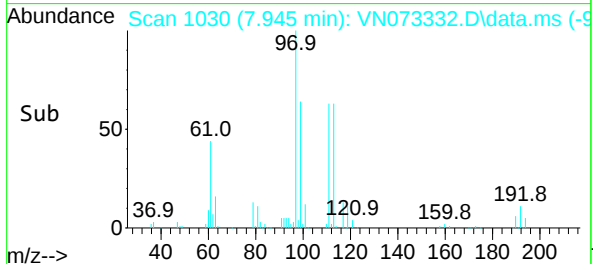
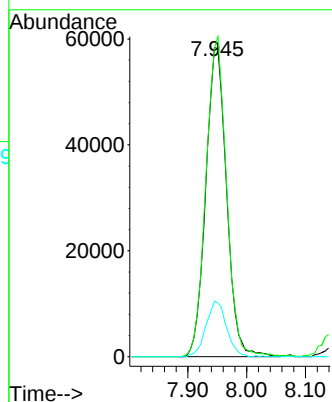
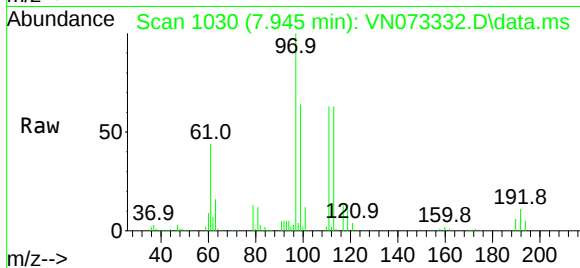
Tgt Ion:113 Resp: 143993

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 17.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 48.705 ug/l

RT: 8.145 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

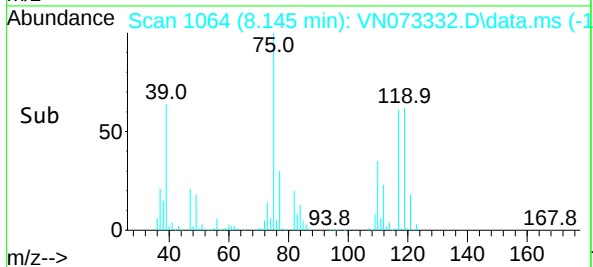
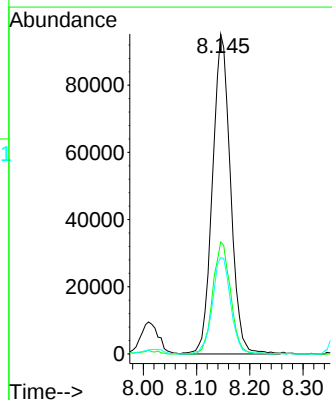
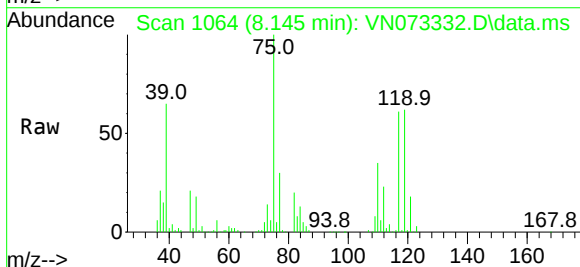
Tgt Ion: 75 Resp: 223528

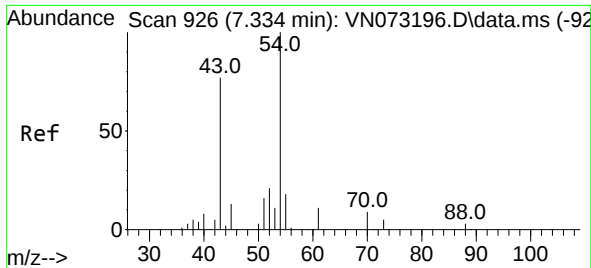
Ion Ratio Lower Upper

75 100

110 34.4 18.3 54.8

77 30.6 25.1 37.7

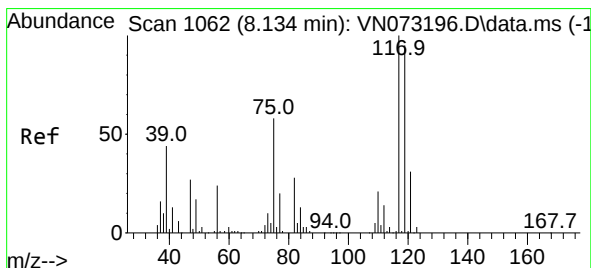
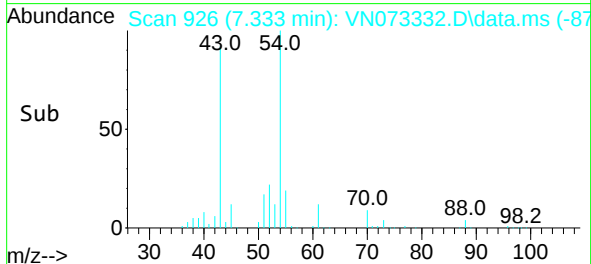
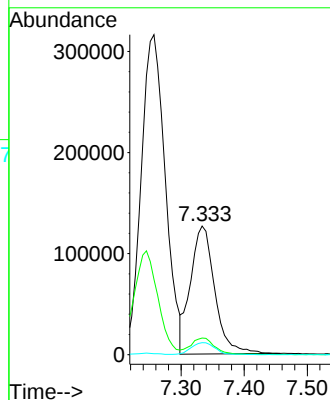
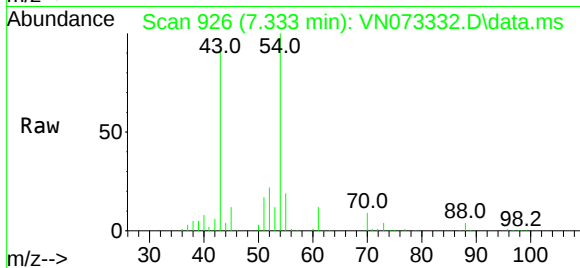




#37
Ethyl Acetate
Concen: 48.784 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

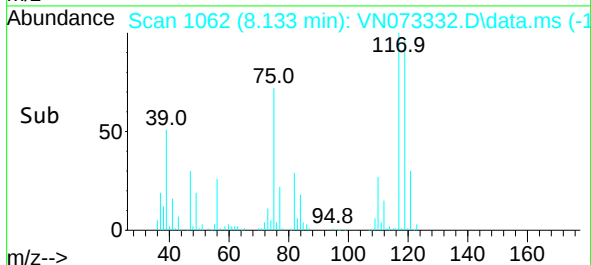
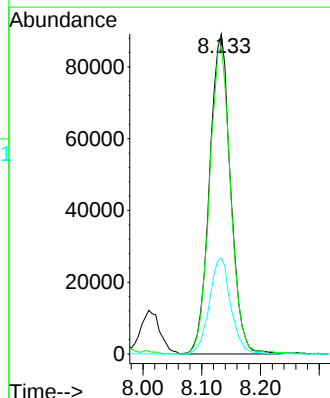
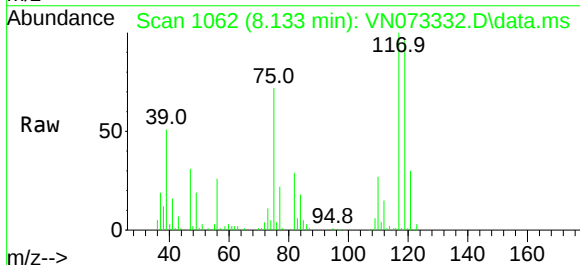
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 338292
Ion Ratio Lower Upper
43 100
61 12.3 11.8 17.6
70 9.4 9.3 13.9



#38
Carbon Tetrachloride
Concen: 46.710 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.001 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 117 Resp: 221688
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
121 30.0 24.6 37.0





#39

Methylcyclohexane

Concen: 47.876 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

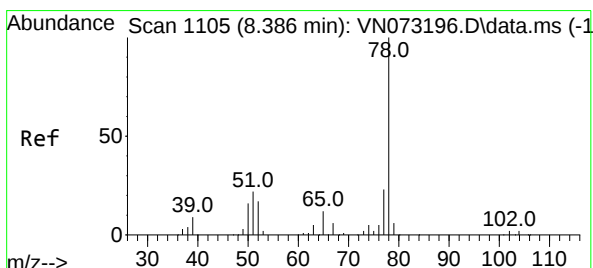
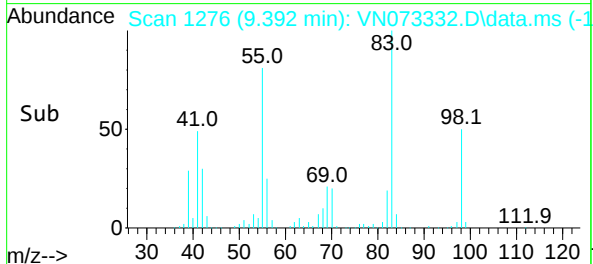
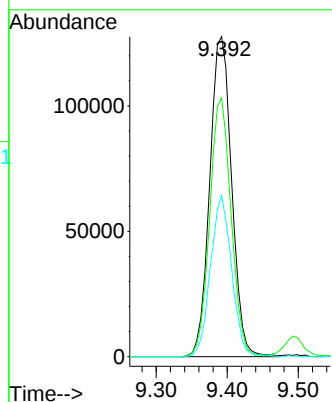
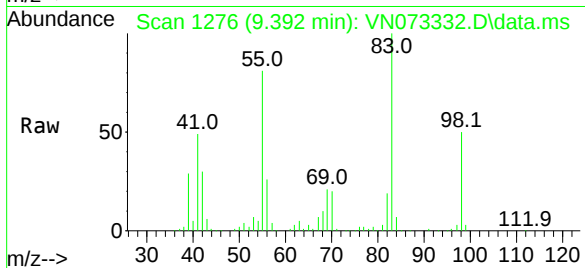
Tgt Ion: 83 Resp: 273553

Ion Ratio Lower Upper

83 100

55 80.8 57.8 86.8

98 50.4 39.4 59.2



#40

Benzene

Concen: 47.776 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073332.D

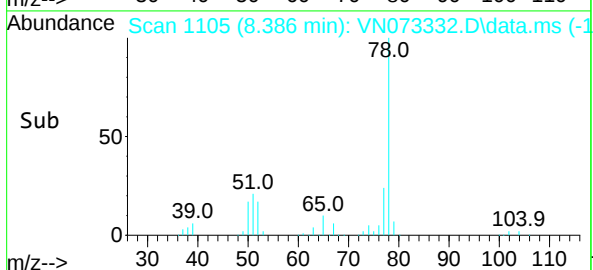
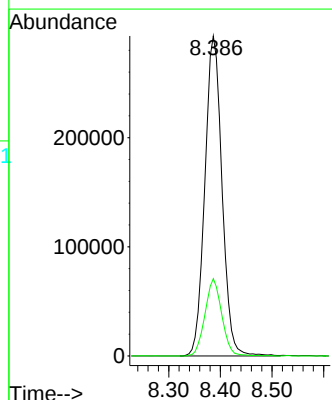
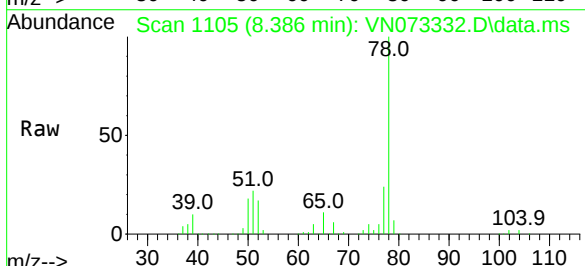
Acq: 06 Jul 2022 09:04

Tgt Ion: 78 Resp: 676691

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

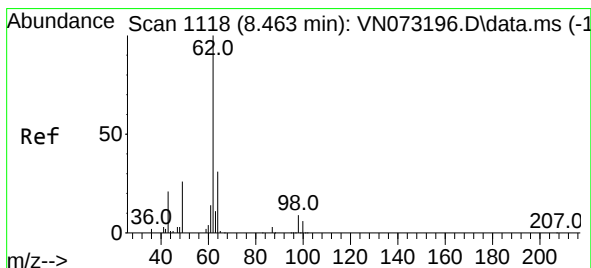
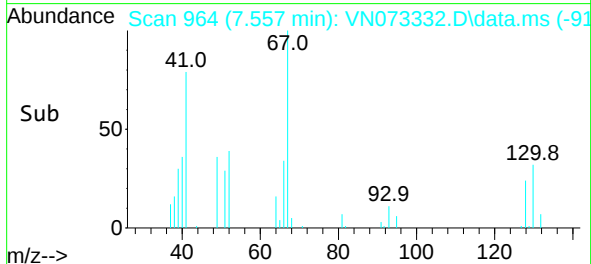
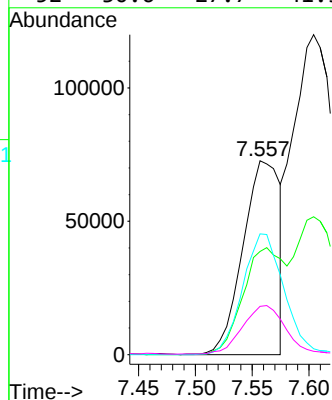
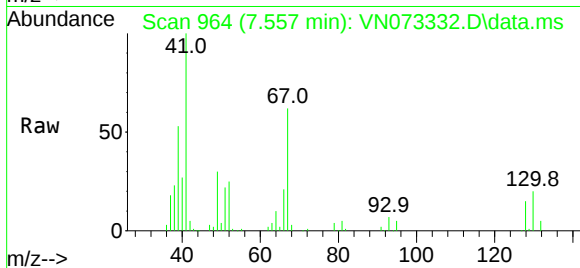




#41
Methacrylonitrile
Concen: 48.720 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

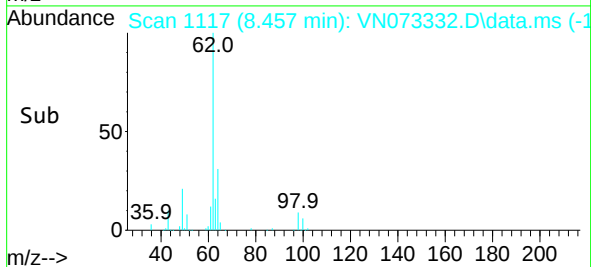
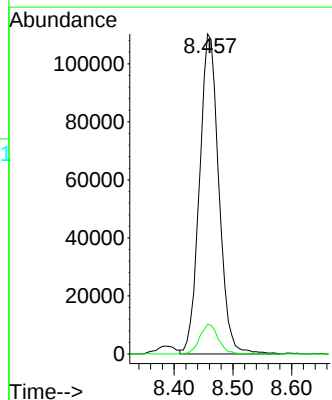
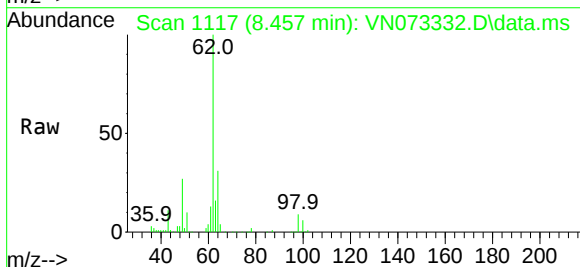
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	163850
Ion	Ratio	Lower	Upper
41	100		
39	62.4	48.6	73.0
67	71.2	73.4	110.2#
52	30.6	27.7	41.5



#42
1,2-Dichloroethane
Concen: 49.087 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion:	62	Resp:	252027
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.4

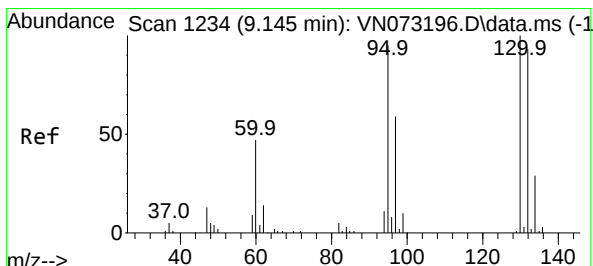
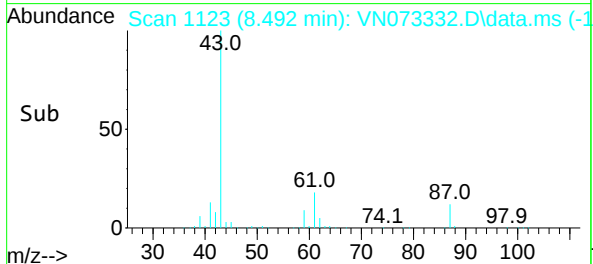
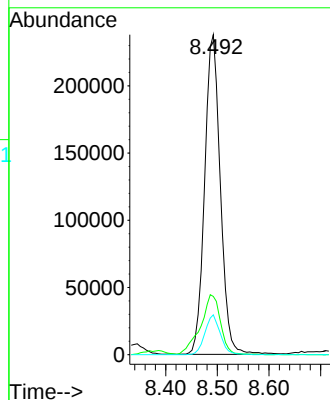
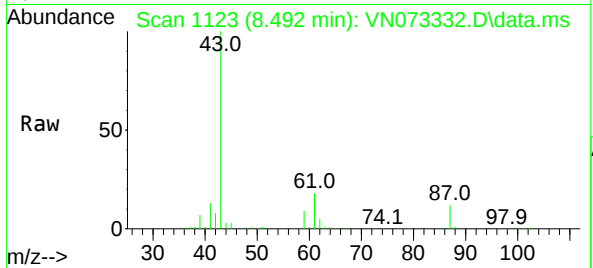




#43
Isopropyl Acetate
Concen: 50.456 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

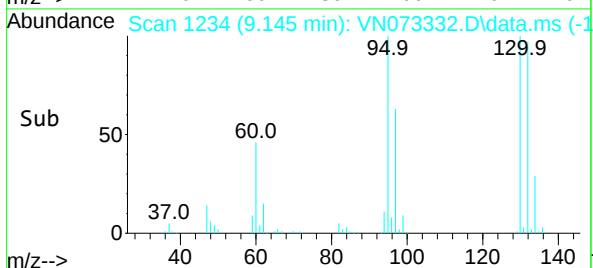
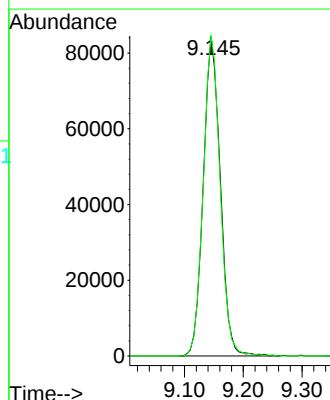
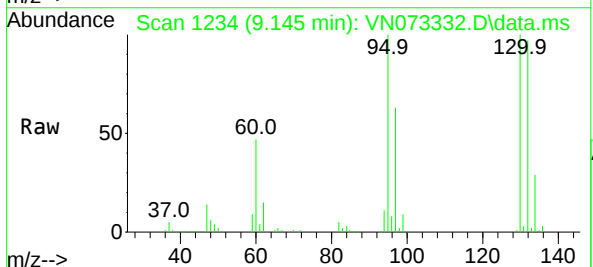
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 502851
Ion Ratio Lower Upper
43 100
61 23.9 21.9 32.9
87 12.2 12.0 18.0



#44
Trichloroethene
Concen: 46.987 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion:130 Resp: 169360
Ion Ratio Lower Upper
130 100
95 100.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.297 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

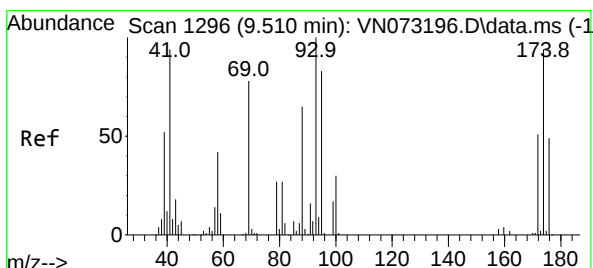
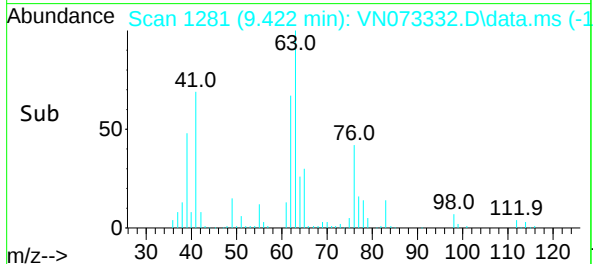
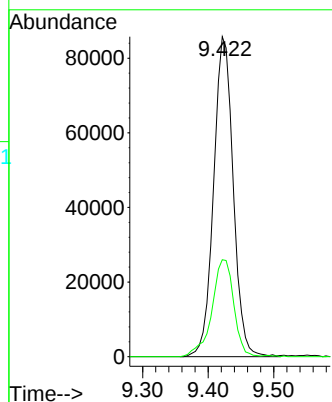
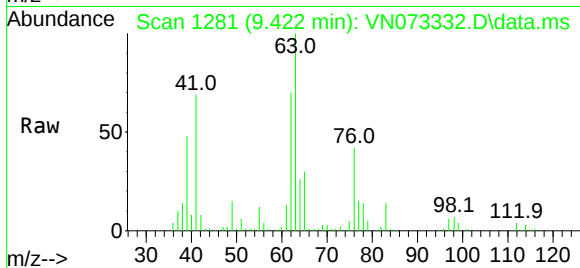
VSTDCCC050

Tgt Ion: 63 Resp: 177964

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 47.384 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

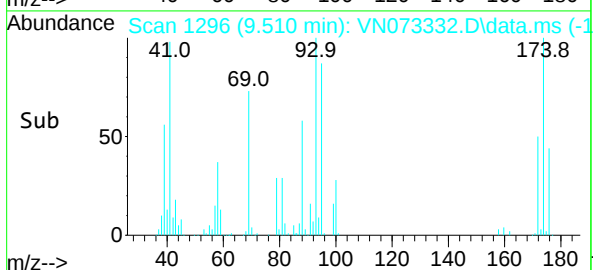
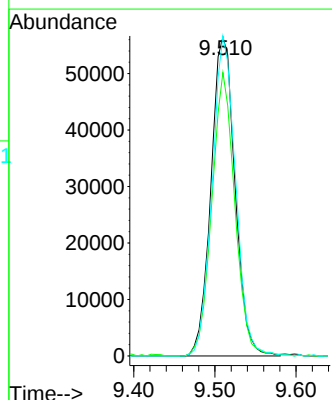
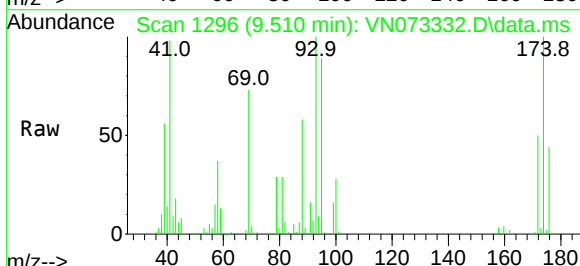
Tgt Ion: 93 Resp: 116147

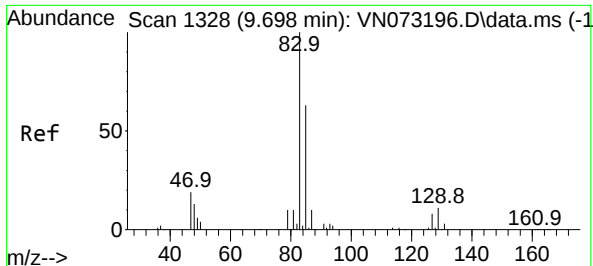
Ion Ratio Lower Upper

93 100

95 85.1 66.9 100.3

174 97.8 86.6 130.0

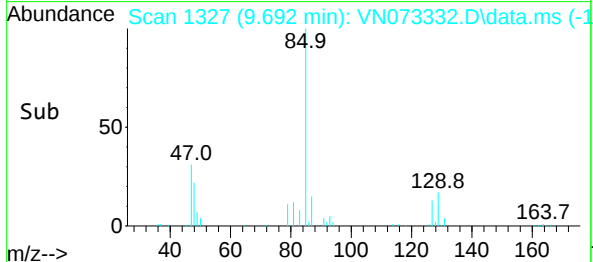
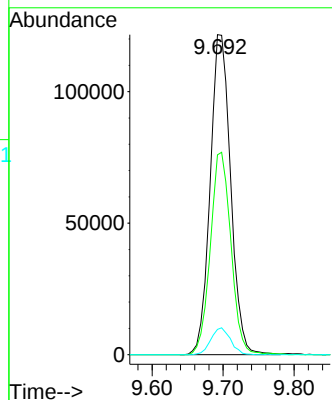
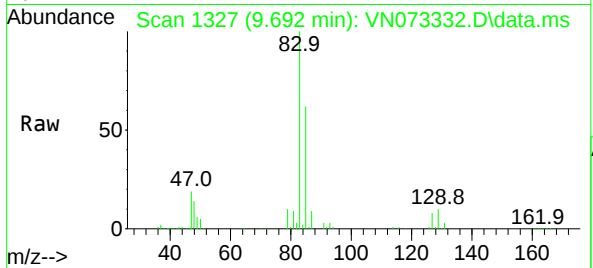




#47
Bromodichloromethane
Concen: 51.354 ug/l
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

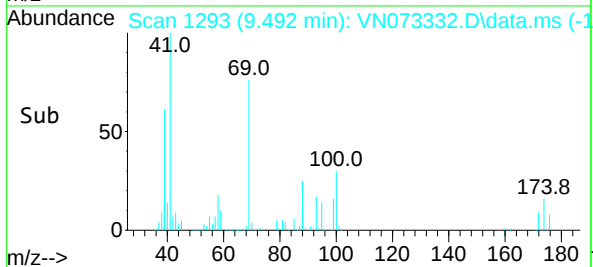
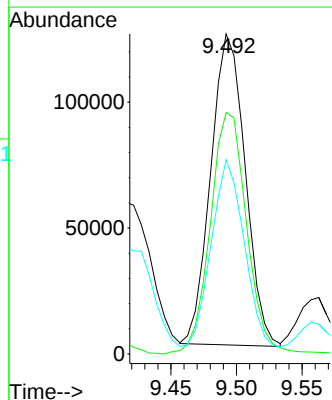
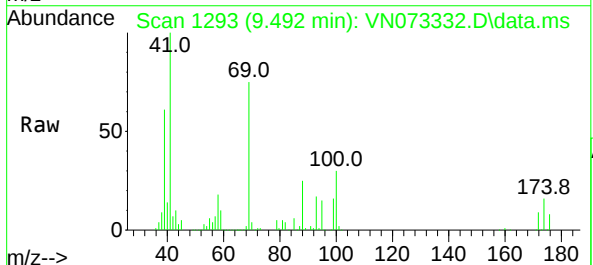
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

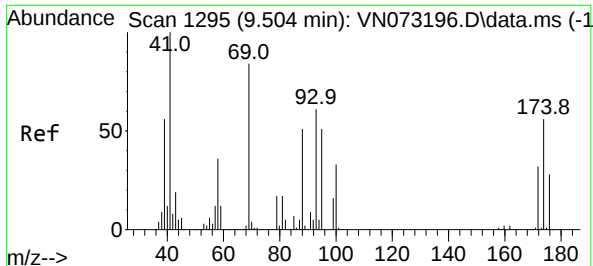
Tgt Ion: 83 Resp: 243804
Ion Ratio Lower Upper
83 100
85 62.5 50.5 75.7
127 7.9 6.8 10.2



#48
Methyl methacrylate
Concen: 48.855 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 41 Resp: 225437
Ion Ratio Lower Upper
41 100
69 82.4 74.7 112.1
39 57.9 45.6 68.4

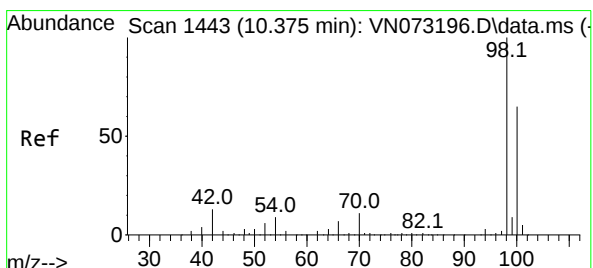
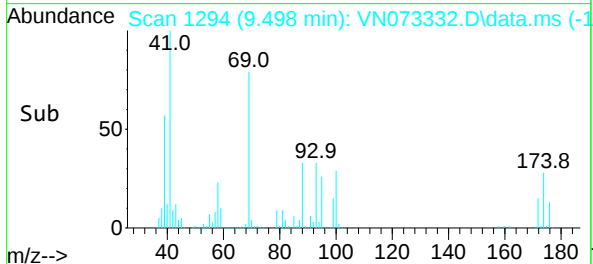
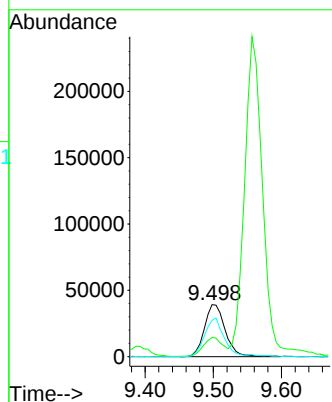
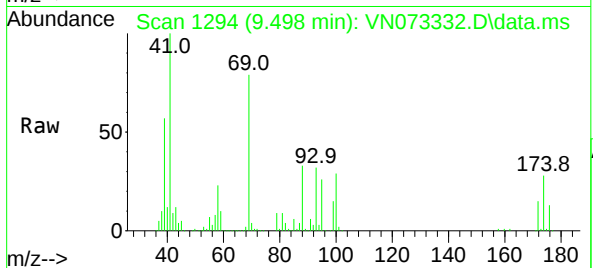




#49
1,4-Dioxane
Concen: 949.766 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

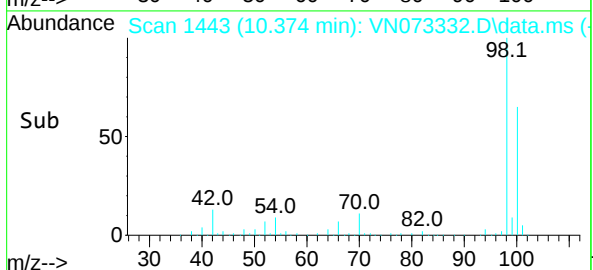
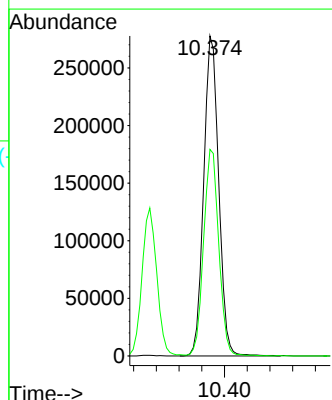
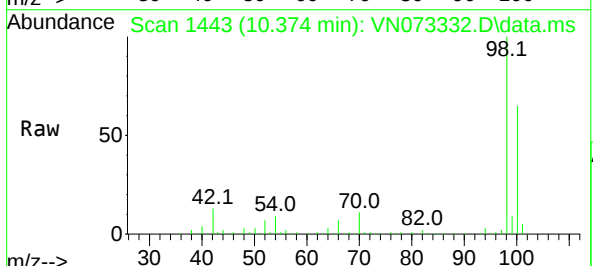
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

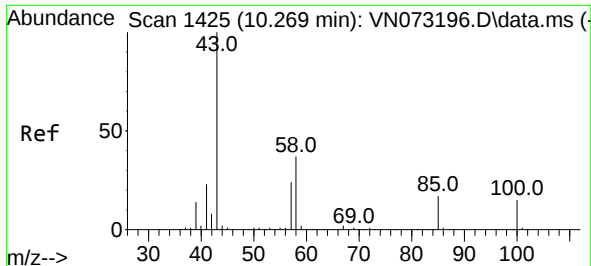
Tgt Ion: 88 Resp: 83199
Ion Ratio Lower Upper
88 100
43 34.2 20.2 30.4#
58 71.7 54.2 81.4



#50
Toluene-d8
Concen: 47.889 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 98 Resp: 507304
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

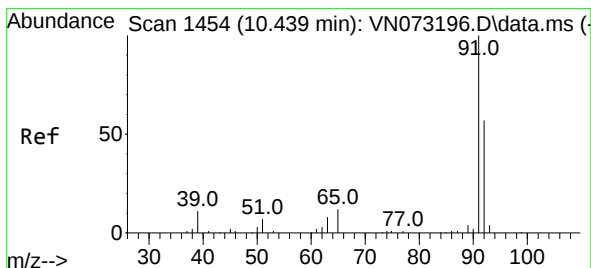
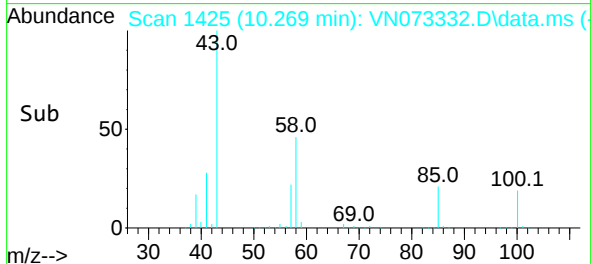
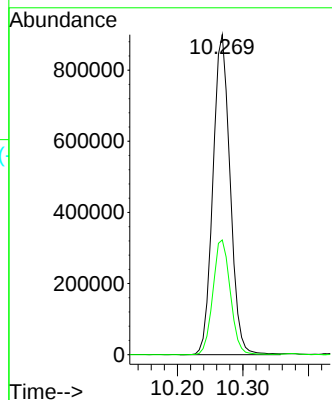
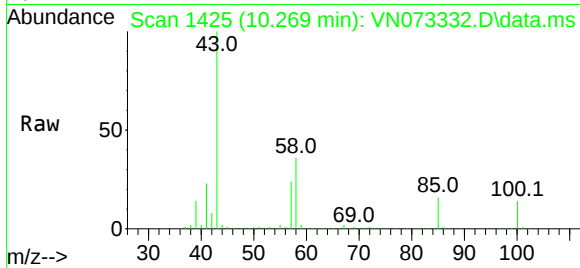




#51
4-Methyl-2-Pentanone
Concen: 258.695 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

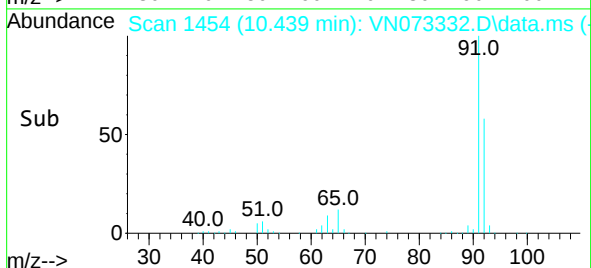
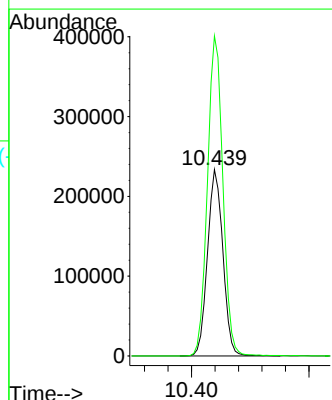
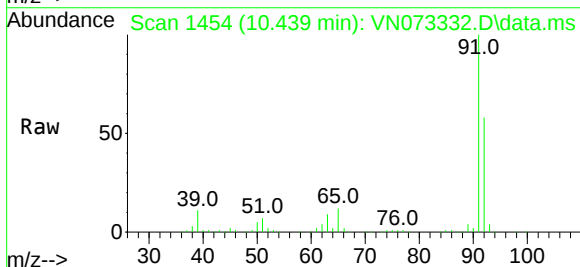
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

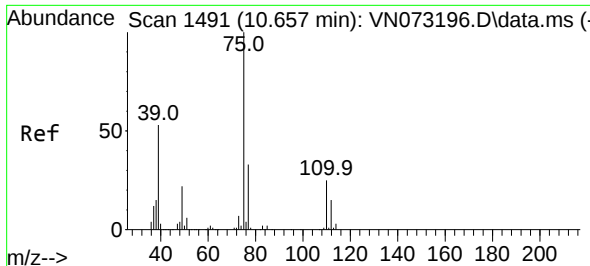
Tgt Ion: 43 Resp: 1634968
Ion Ratio Lower Upper
43 100
58 36.4 34.1 51.1



#52
Toluene
Concen: 48.436 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 92 Resp: 423973
Ion Ratio Lower Upper
92 100
91 172.1 138.6 207.8

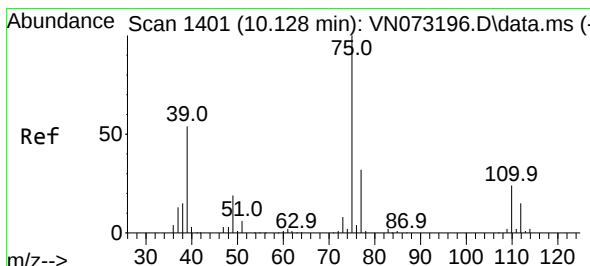
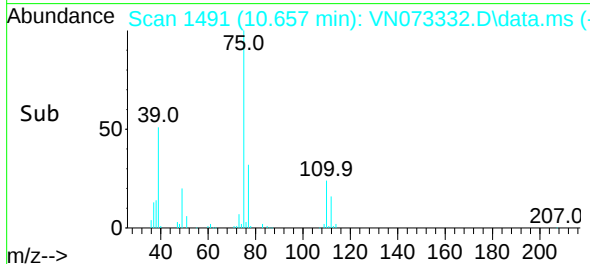
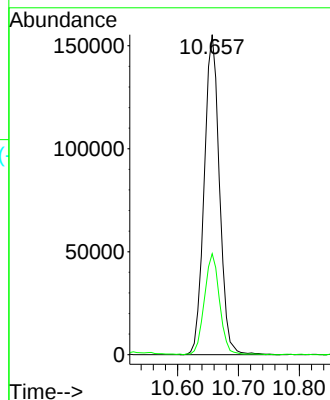
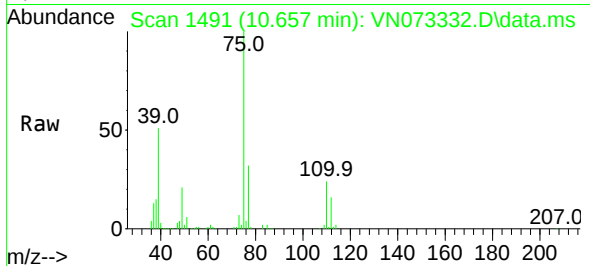




#53
t-1,3-Dichloropropene
Concen: 51.716 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

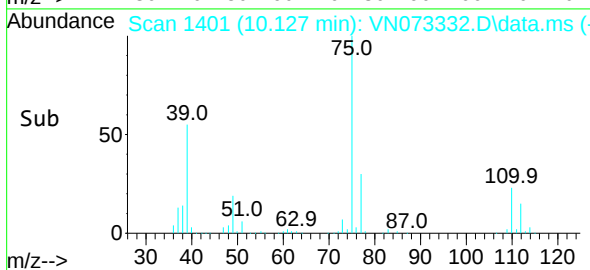
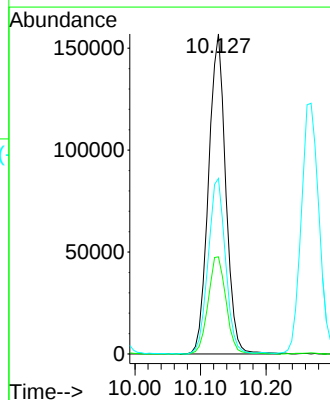
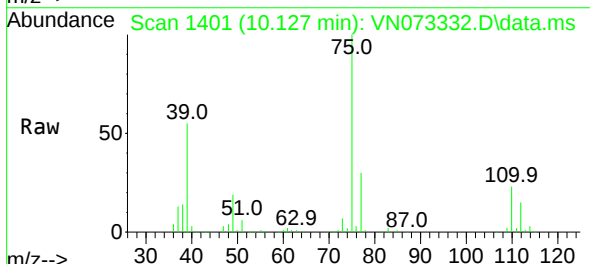
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

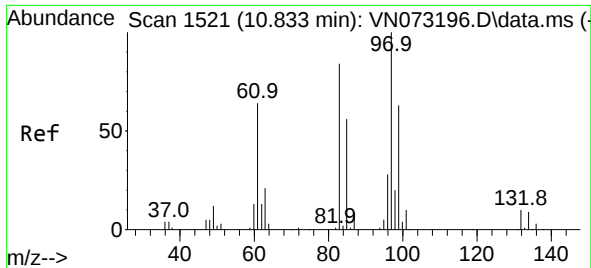
Tgt Ion: 75 Resp: 270284
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 50.771 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.001 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 75 Resp: 286468
Ion Ratio Lower Upper
75 100
77 30.3 25.2 37.8
39 54.7 35.7 53.5#



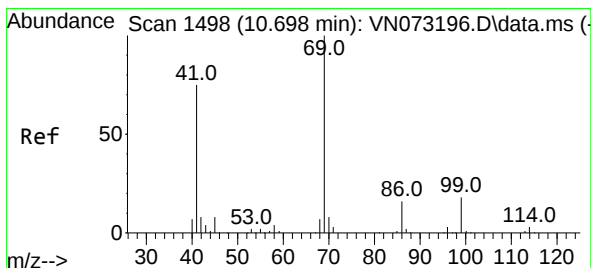
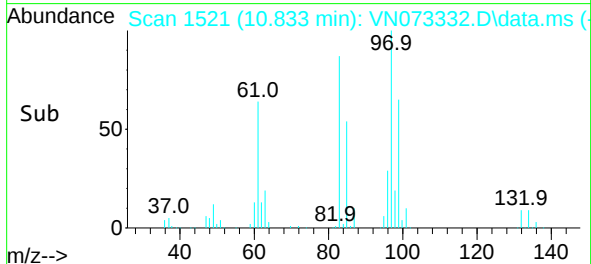
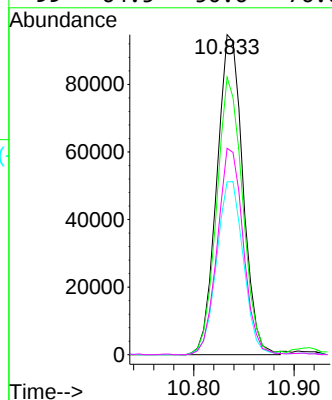
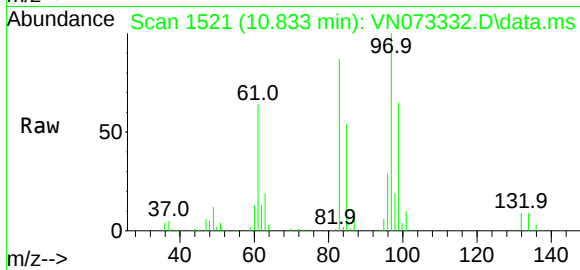


#55
1,1,2-Trichloroethane
Concen: 47.528 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 171268

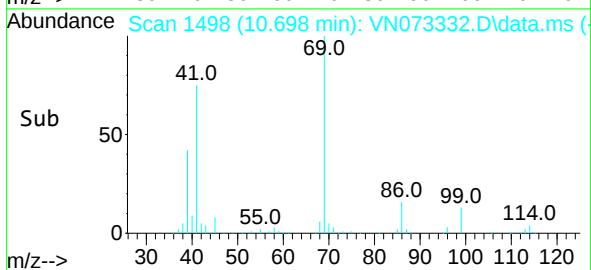
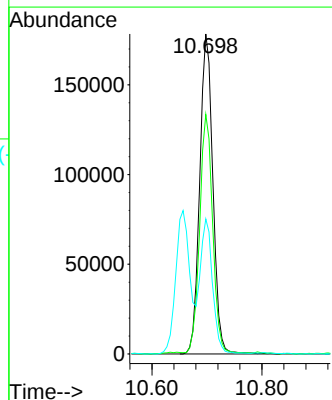
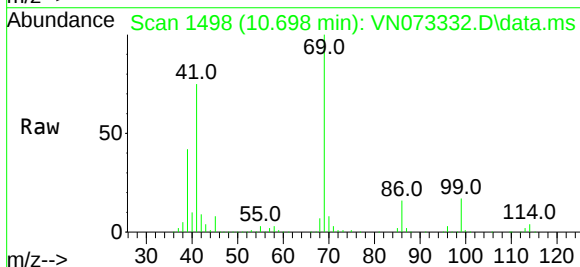
Ion	Ratio	Lower	Upper
97	100		
83	86.7	66.2	99.4
85	54.0	43.9	65.9
99	64.5	50.6	76.0

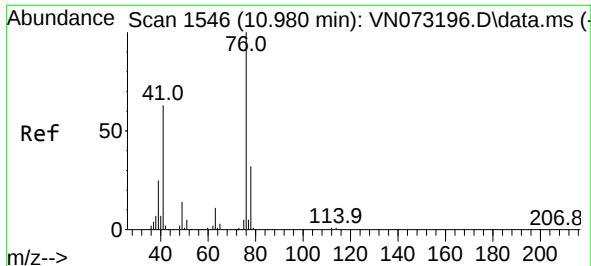


#56
Ethyl methacrylate
Concen: 50.923 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 69 Resp: 296602

Ion	Ratio	Lower	Upper
69	100		
41	73.4	47.8	71.6#
39	38.6	27.3	40.9





#57

1,3-Dichloropropane

Concen: 49.090 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

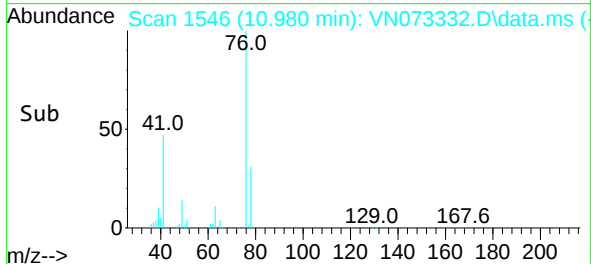
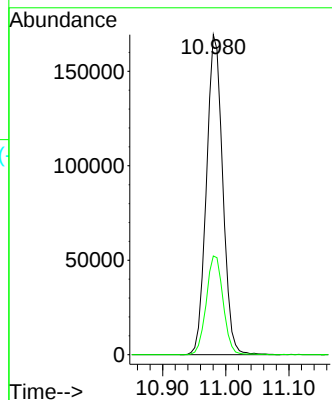
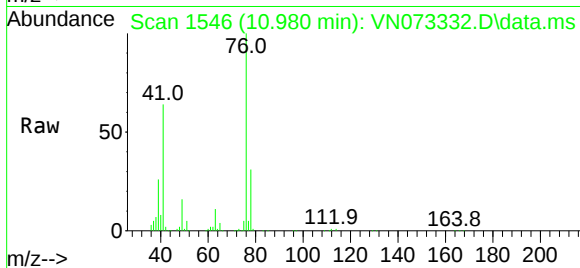
VSTDCCC050

Tgt Ion: 76 Resp: 303244

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 267.845 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073332.D

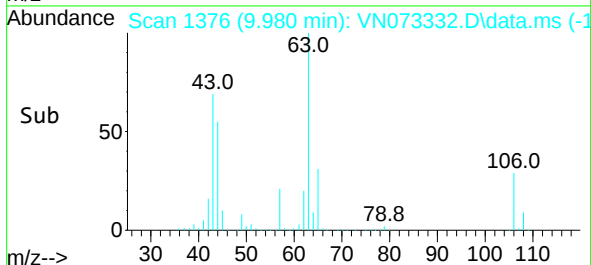
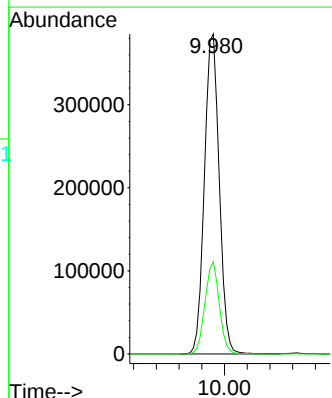
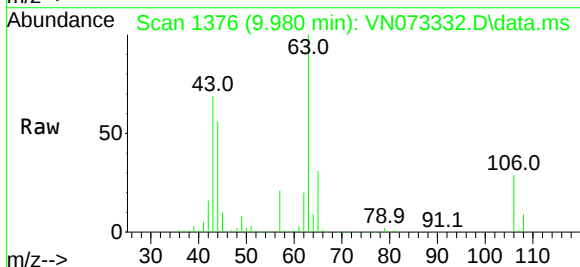
Acq: 06 Jul 2022 09:04

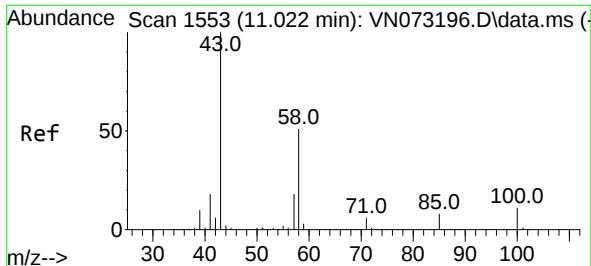
Tgt Ion: 63 Resp: 695754

Ion Ratio Lower Upper

63 100

106 27.9 24.6 36.8

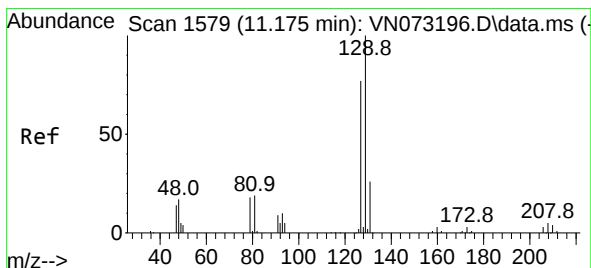
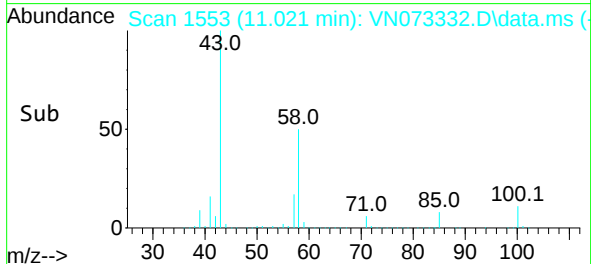
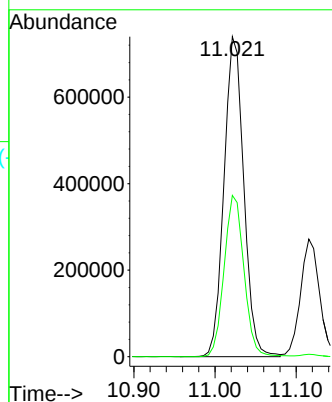
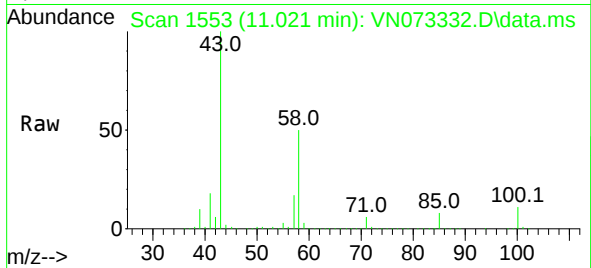




#59
2-Hexanone
Concen: 260.219 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. -0.001 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

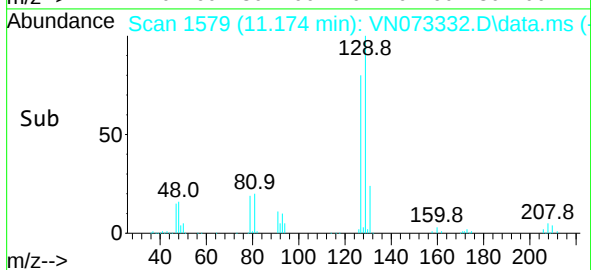
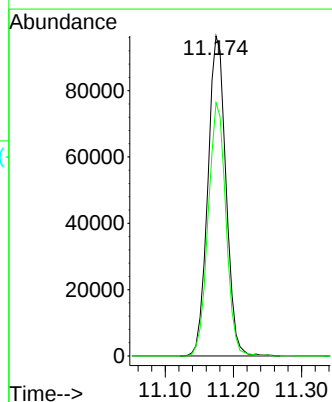
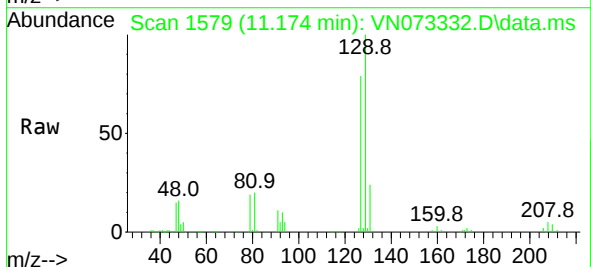
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

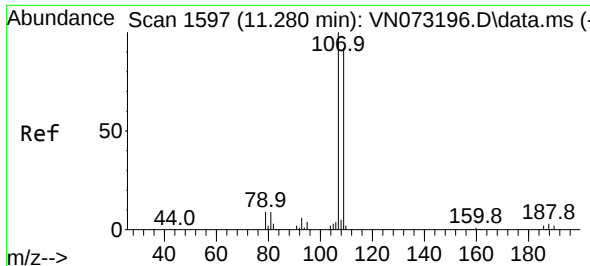
Tgt Ion: 43 Resp: 1253633
Ion Ratio Lower Upper
43 100
58 50.6 29.7 89.1



#60
Dibromochloromethane
Concen: 51.790 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.001 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 129 Resp: 177935
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

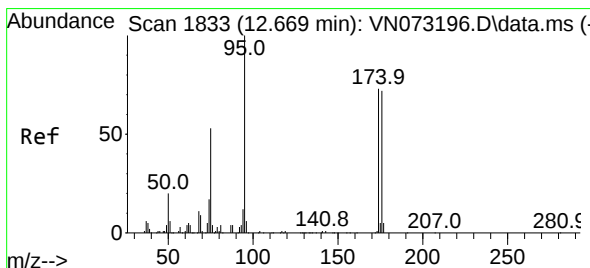
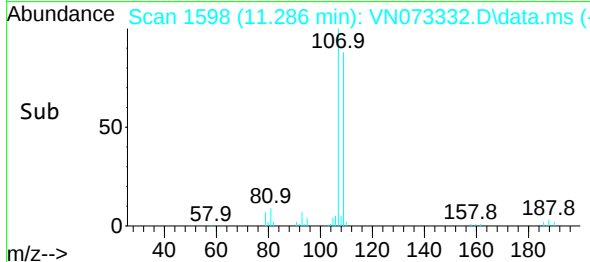
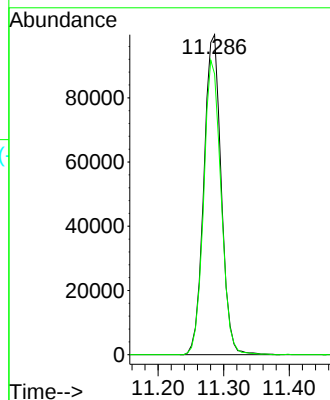
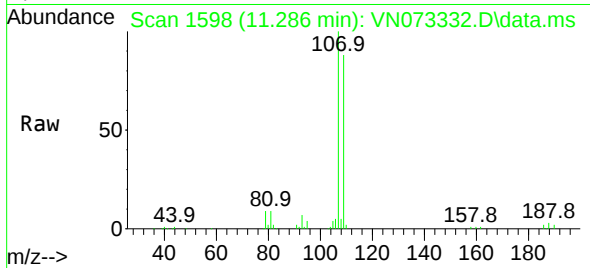




#61
1,2-Dibromoethane
Concen: 50.824 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

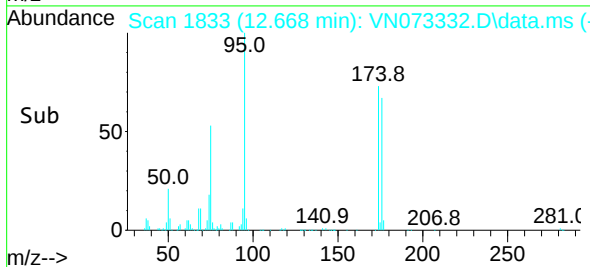
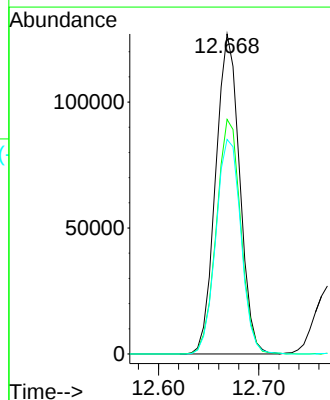
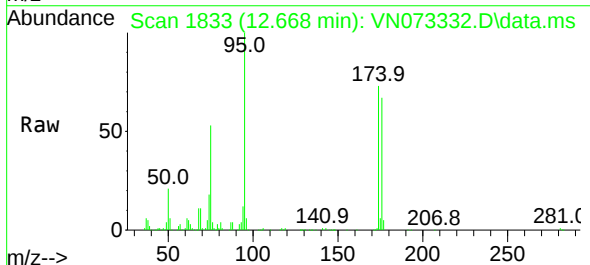
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 182934
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.640 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 95 Resp: 210226
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 70.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

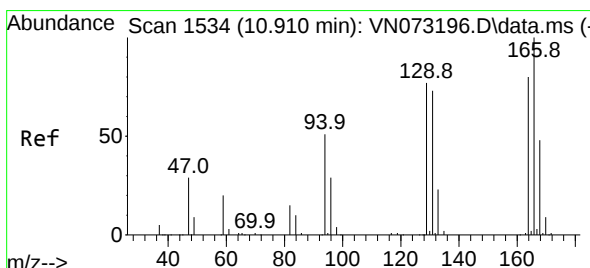
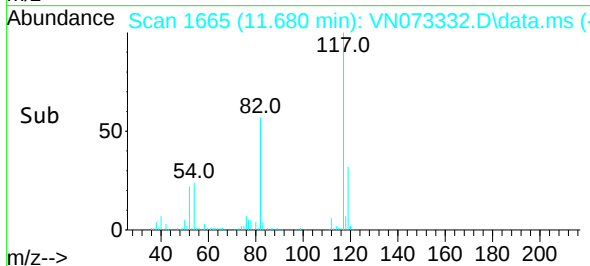
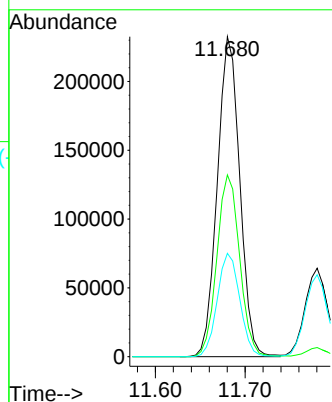
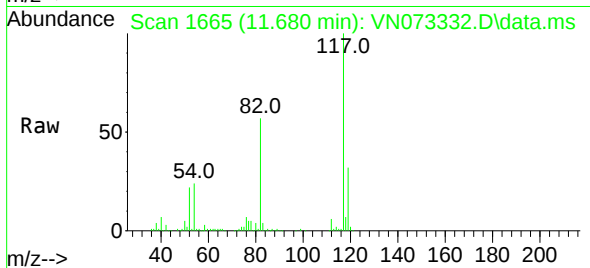
Tgt Ion:117 Resp: 403939

Ion Ratio Lower Upper

117 100

82 56.8 44.2 66.2

119 32.3 25.4 38.0



#64

Tetrachloroethene

Concen: 46.718 ug/l

RT: 10.910 min Scan# 1534

Delta R.T. -0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Tgt Ion:164 Resp: 154097

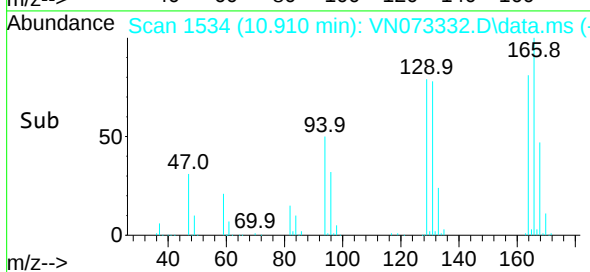
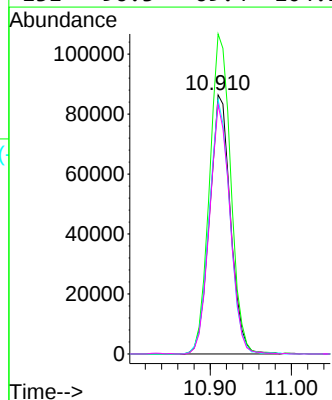
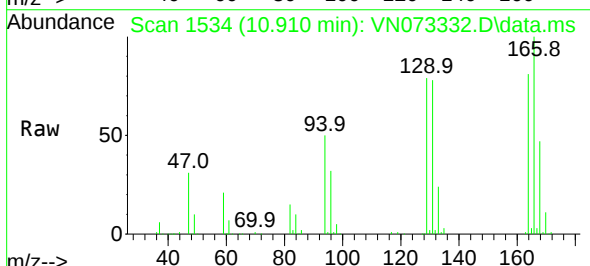
Ion Ratio Lower Upper

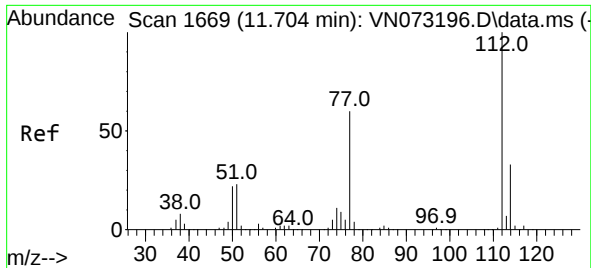
164 100

166 123.5 104.2 156.2

129 98.1 73.9 110.9

131 96.3 69.4 104.2

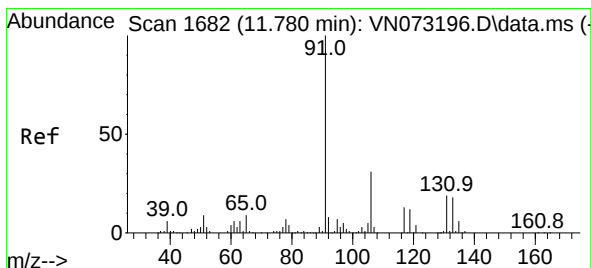
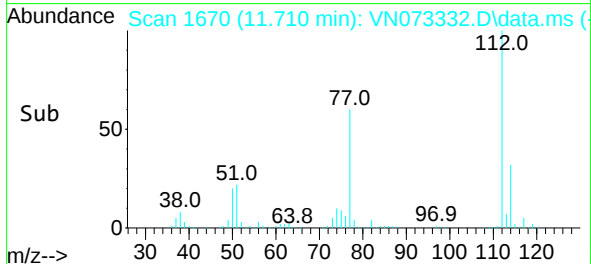
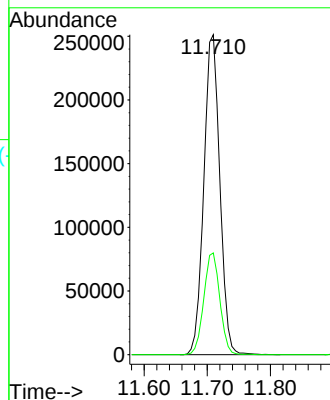
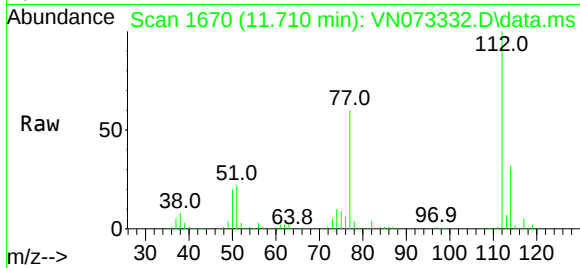




#65
Chlorobenzene
Concen: 48.365 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

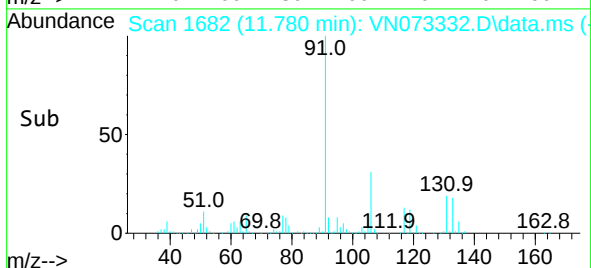
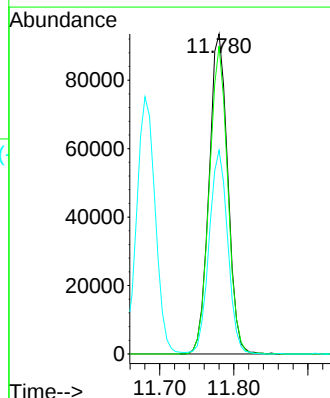
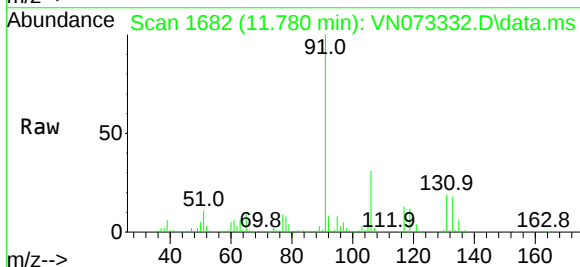
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

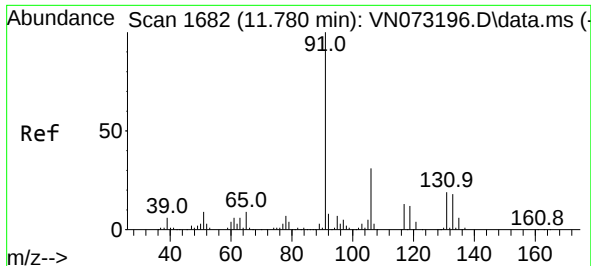
Tgt Ion:112 Resp: 441844
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.769 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion:131 Resp: 163876
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 63.5 33.4 100.2

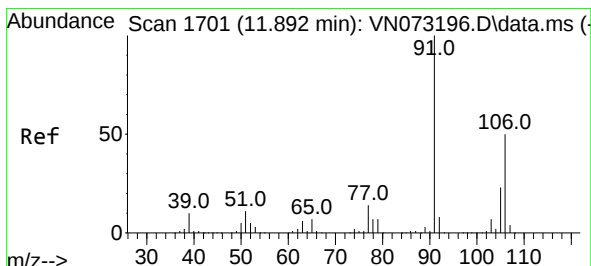
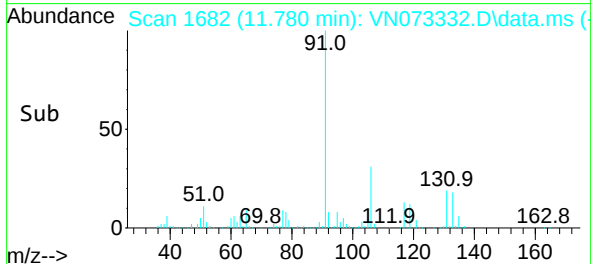
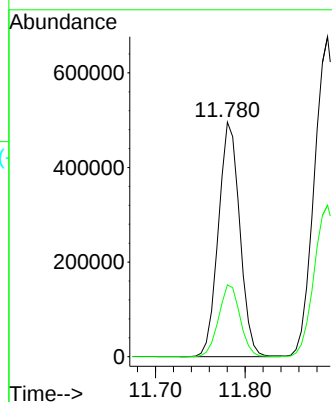
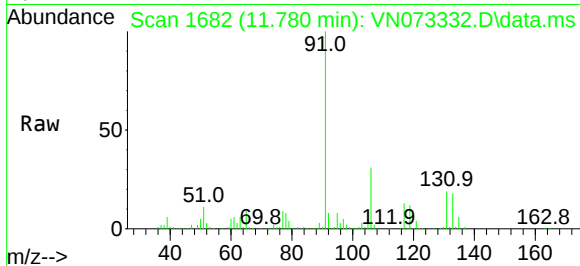




#67
Ethyl Benzene
Concen: 49.520 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

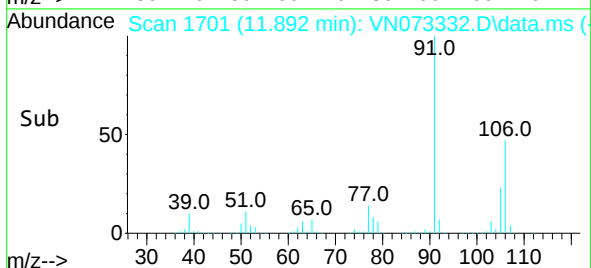
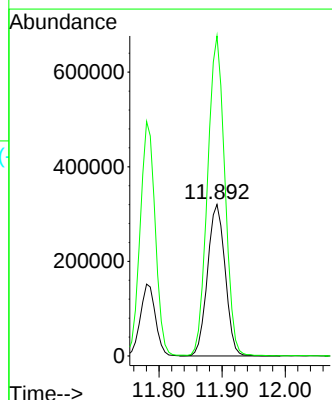
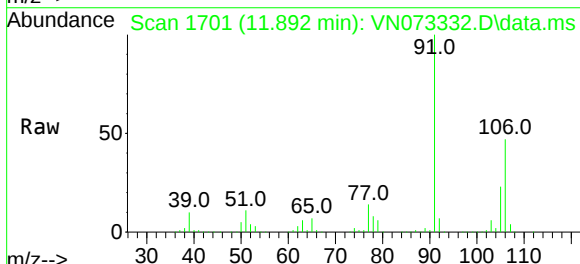
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

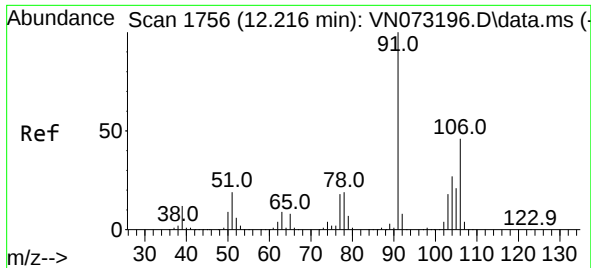
Tgt Ion: 91 Resp: 821317
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3



#68
m/p-Xylenes
Concen: 99.287 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 106 Resp: 621467
Ion Ratio Lower Upper
106 100
91 206.1 158.9 238.3

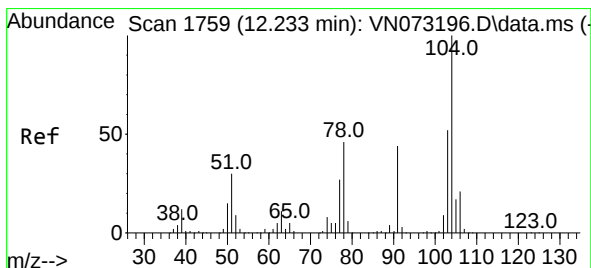
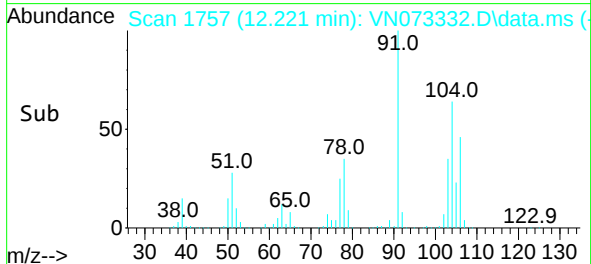
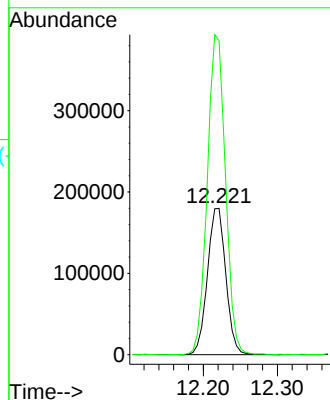
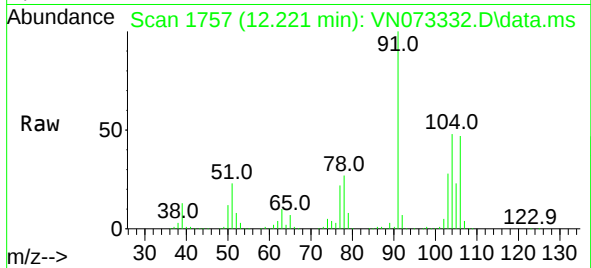




#69
o-Xylene
Concen: 48.566 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.005 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

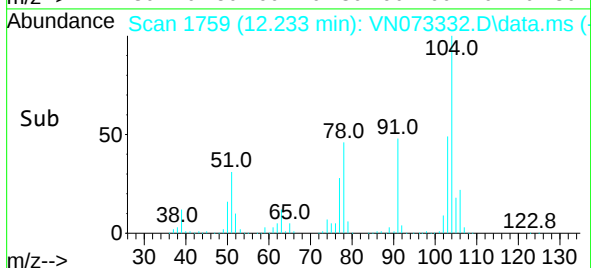
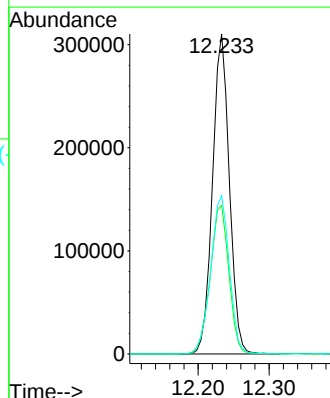
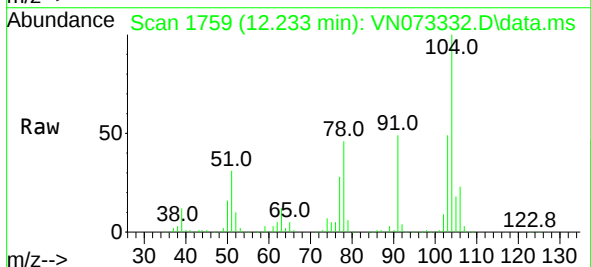
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

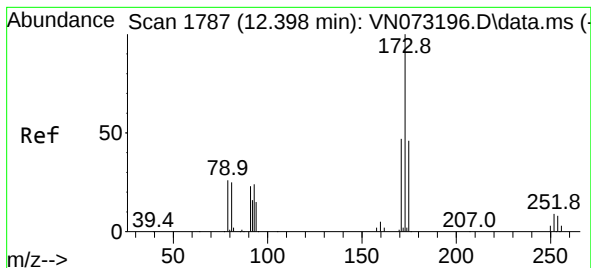
Tgt Ion:106 Resp: 310330
Ion Ratio Lower Upper
106 100
91 216.3 106.0 318.0



#70
Styrene
Concen: 51.741 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion:104 Resp: 510449
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 54.8 44.0 66.0





#71

Bromoform

Concen: 52.969 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. -0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

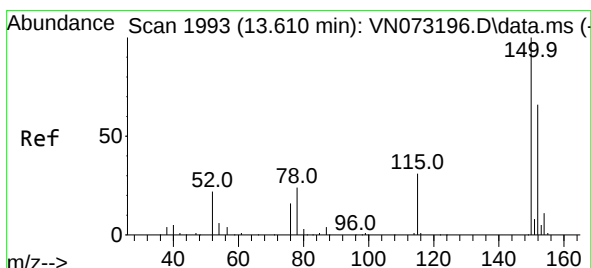
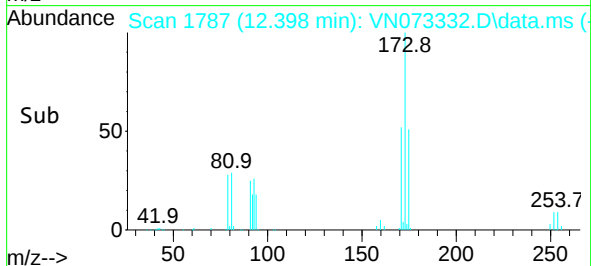
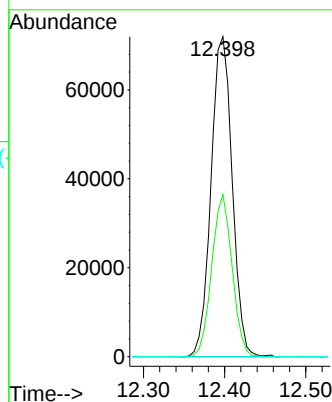
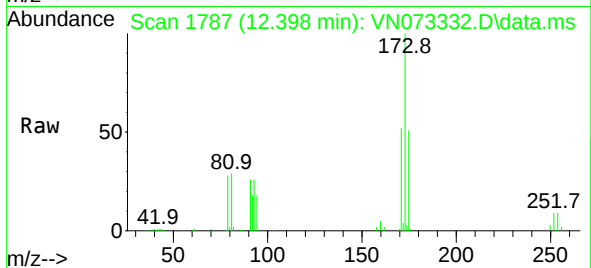
Tgt Ion:173 Resp: 130240

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.609 min Scan# 1993

Delta R.T. -0.001 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

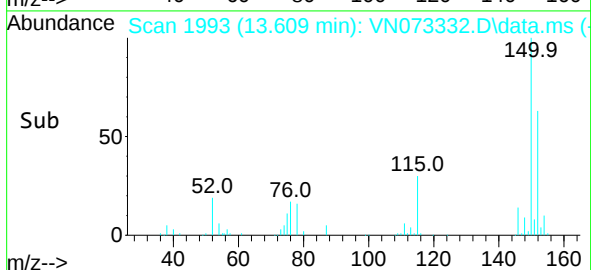
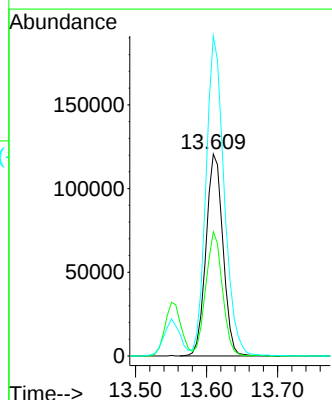
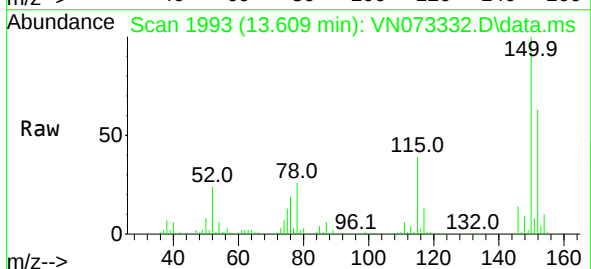
Tgt Ion:152 Resp: 200722

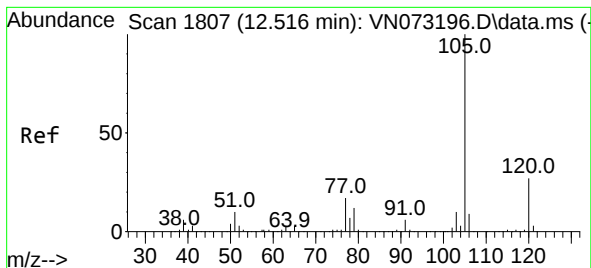
Ion Ratio Lower Upper

152 100

115 59.6 28.9 86.7

150 169.7 0.0 356.2





#73

Isopropylbenzene

Concen: 46.630 ug/l

RT: 12.515 min Scan# 1807

Delta R.T. -0.001 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

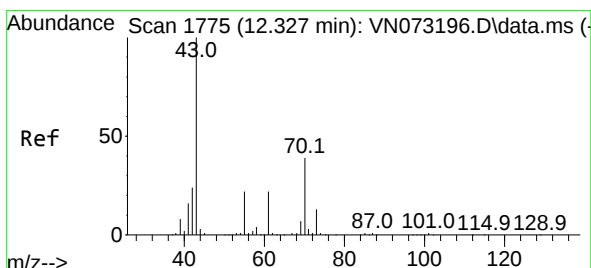
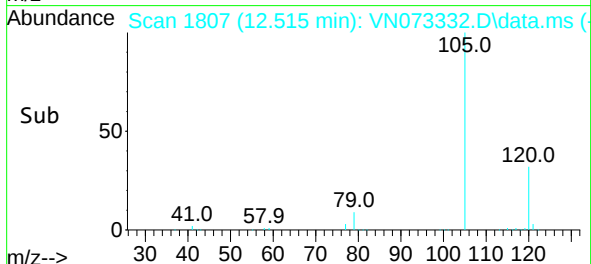
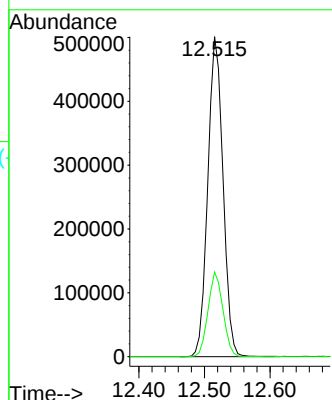
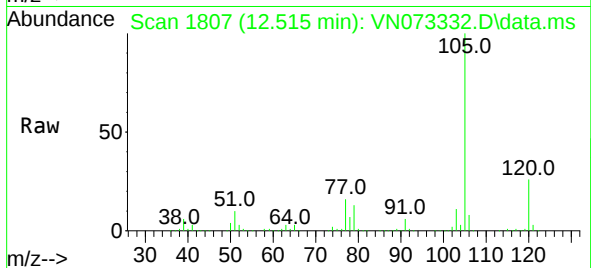
VSTDCCC050

Tgt Ion:105 Resp: 808243

Ion Ratio Lower Upper

105 100

120 26.0 13.5 40.4



#74

N-ethyl acetate

Concen: 46.896 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Tgt Ion: 43 Resp: 407018

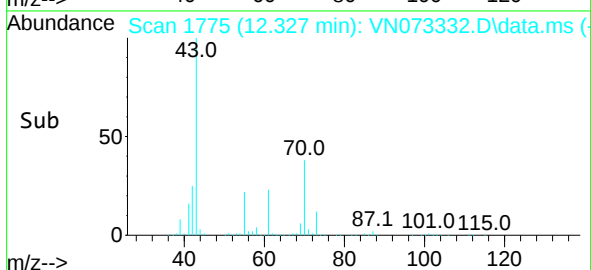
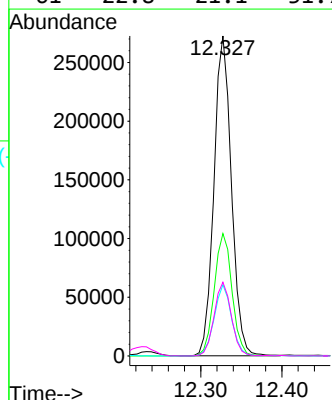
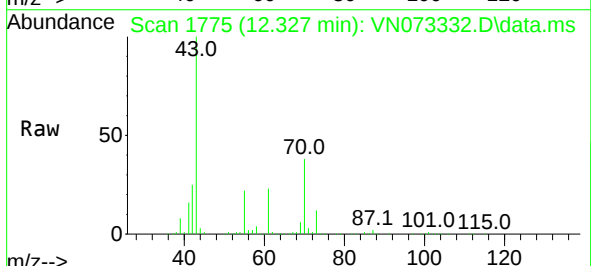
Ion Ratio Lower Upper

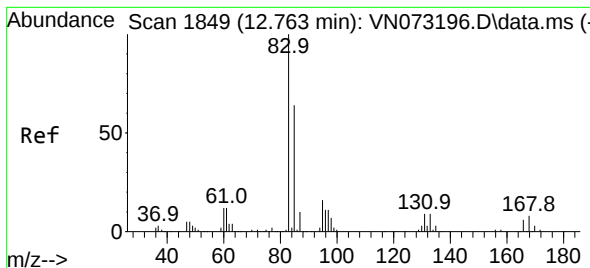
43 100

70 39.0 39.0 58.4

55 22.2 21.1 31.7

61 22.8 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.331 ug/l

RT: 12.768 min Scan# 1849

Delta R.T. 0.005 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

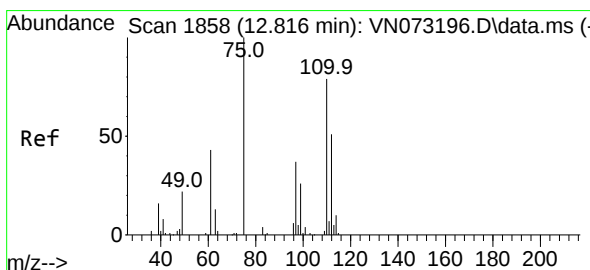
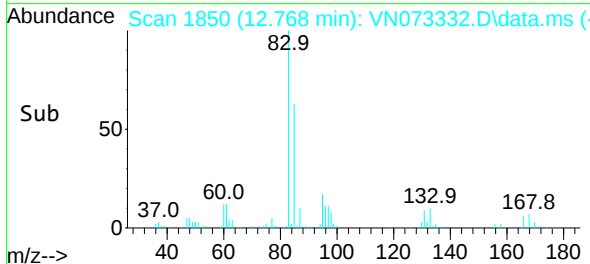
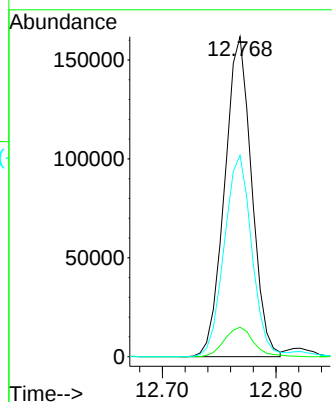
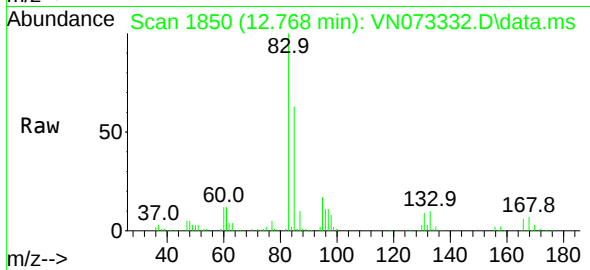
Tgt Ion: 83 Resp: 266485

Ion Ratio Lower Upper

83 100

131 9.9 5.3 15.9

85 64.3 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 69.621 ug/l

RT: 12.821 min Scan# 1859

Delta R.T. 0.005 min

Lab File: VN073332.D

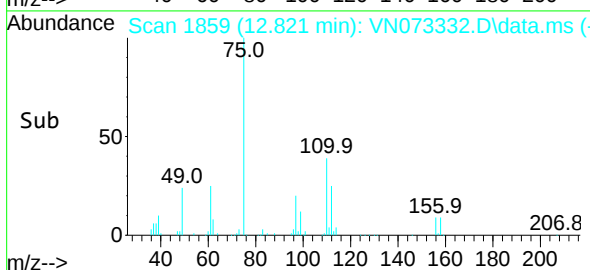
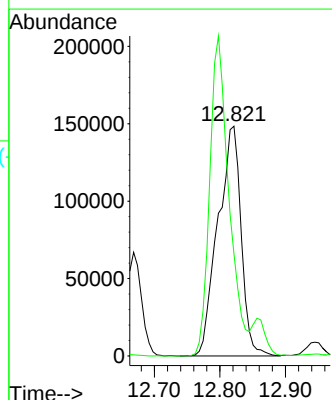
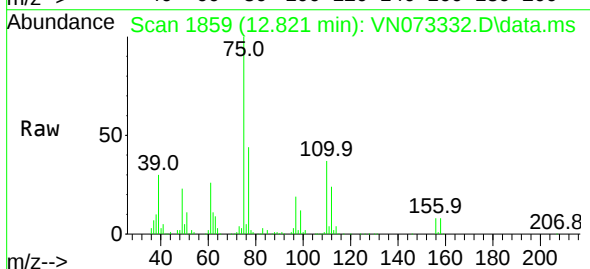
Acq: 06 Jul 2022 09:04

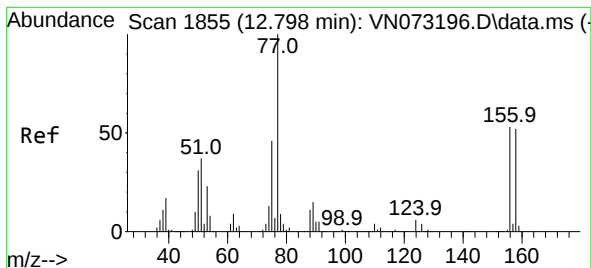
Tgt Ion: 75 Resp: 365403

Ion Ratio Lower Upper

75 100

77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 45.111 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

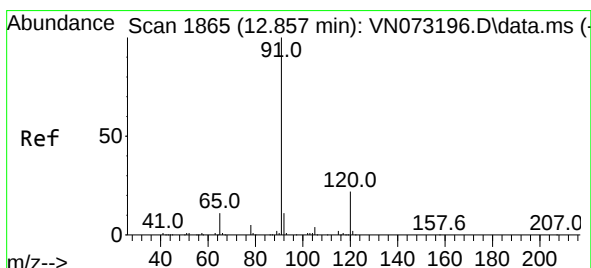
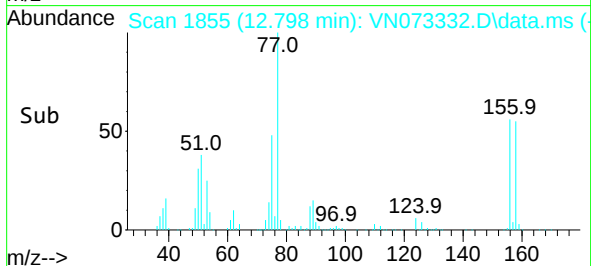
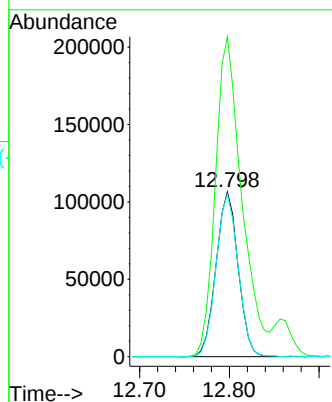
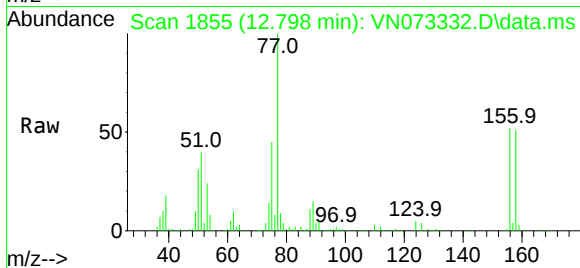
Tgt Ion:156 Resp: 181796

Ion Ratio Lower Upper

156 100

77 232.7 100.5 301.5

158 98.7 48.9 146.6



#78

n-propylbenzene

Concen: 49.361 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073332.D

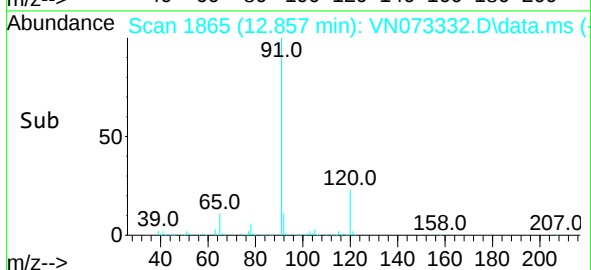
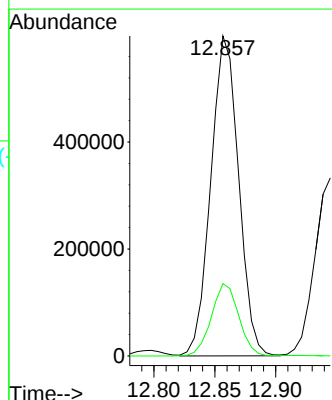
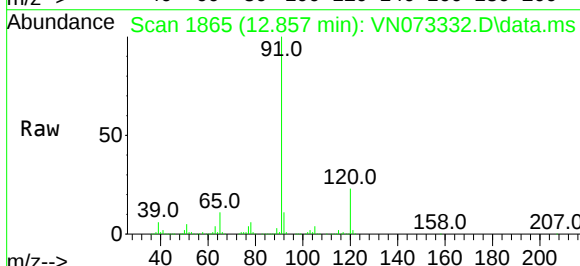
Acq: 06 Jul 2022 09:04

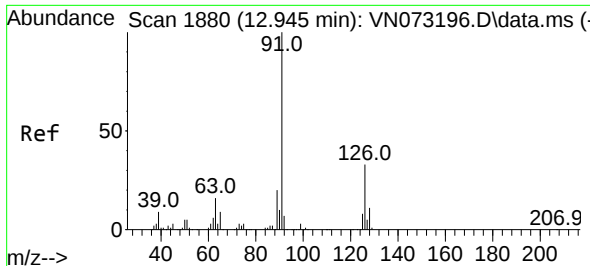
Tgt Ion: 91 Resp: 950492

Ion Ratio Lower Upper

91 100

120 22.2 11.9 35.5

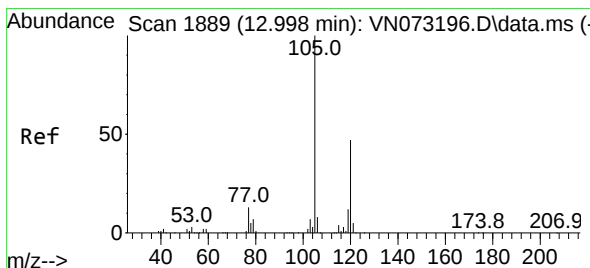
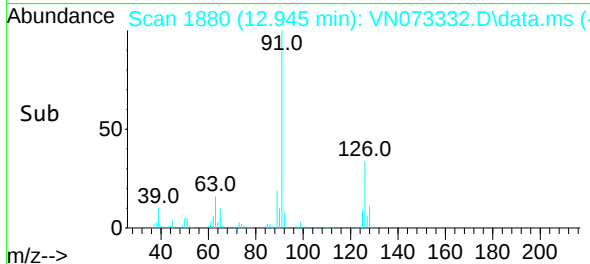
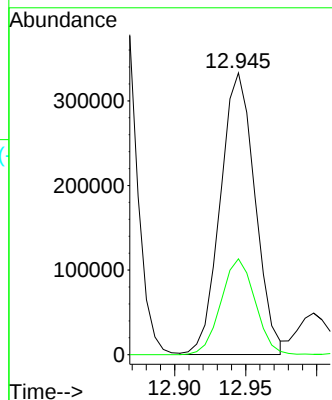
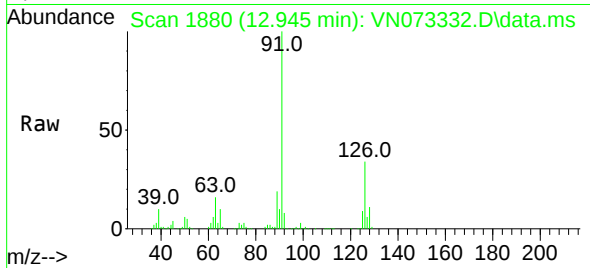




#79
2-Chlorotoluene
Concen: 46.449 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

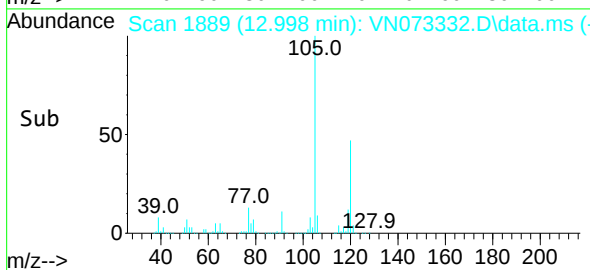
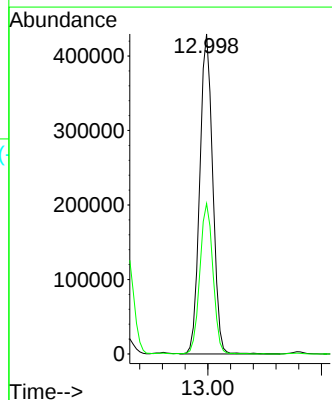
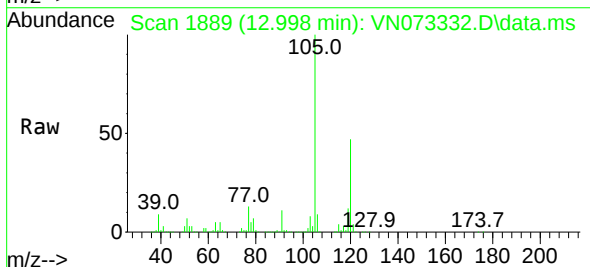
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

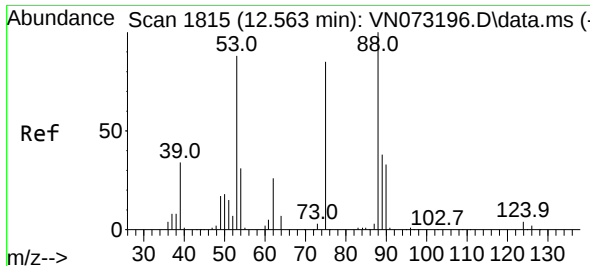
Tgt Ion: 91 Resp: 566080
Ion Ratio Lower Upper
91 100
126 33.5 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 48.247 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 105 Resp: 681629
Ion Ratio Lower Upper
105 100
120 47.1 24.9 74.7

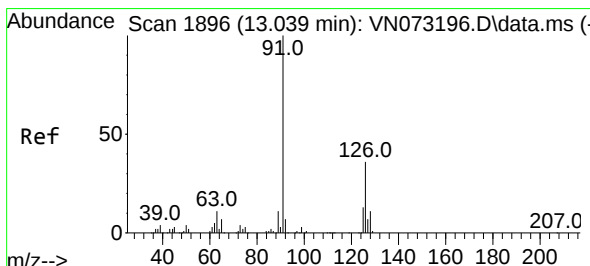
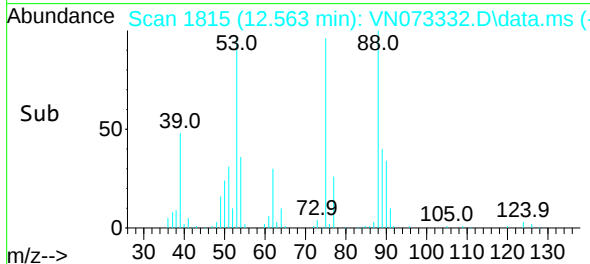
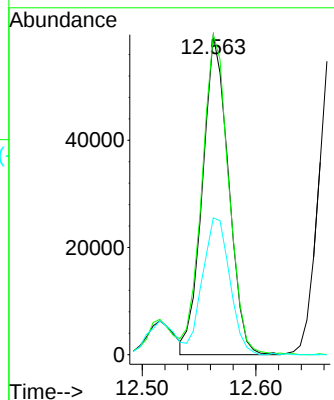
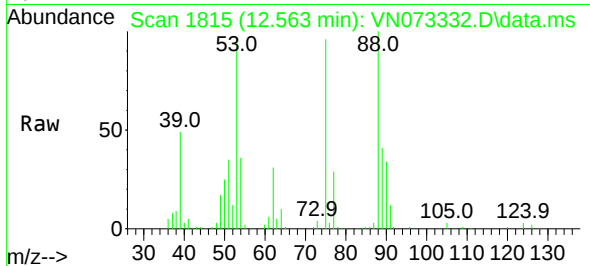




#81
trans-1,4-Dichloro-2-butene
Concen: 49.435 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.001 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

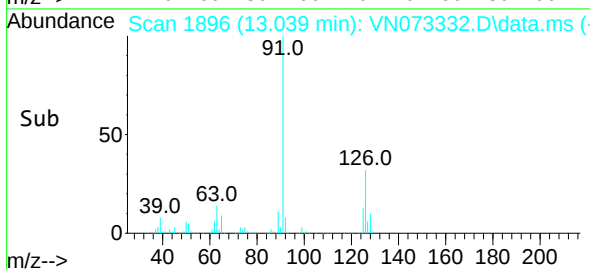
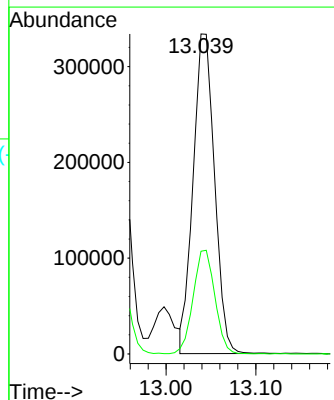
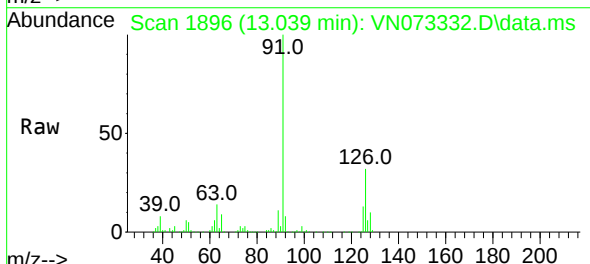
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

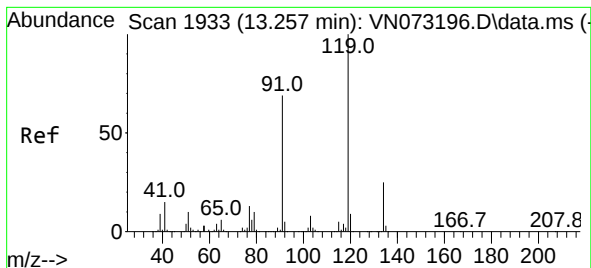
Tgt Ion: 75 Resp: 94607
Ion Ratio Lower Upper
75 100
53 103.3 78.0 117.0
89 44.6 37.2 55.8



#82
4-Chlorotoluene
Concen: 46.803 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 91 Resp: 552208
Ion Ratio Lower Upper
91 100
126 33.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 46.435 ug/l

RT: 13.262 min Scan# 1933

Delta R.T. 0.005 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

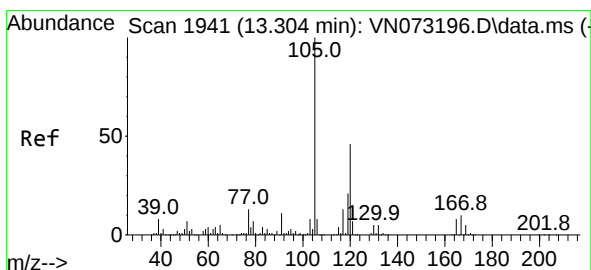
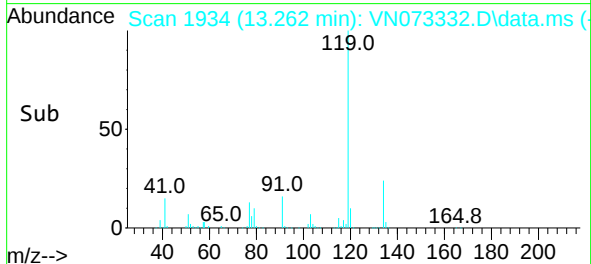
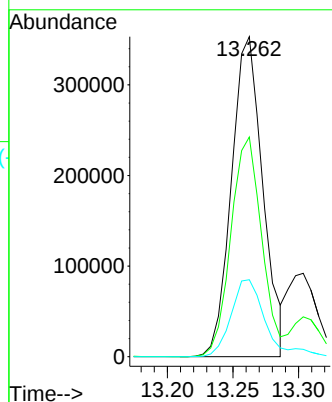
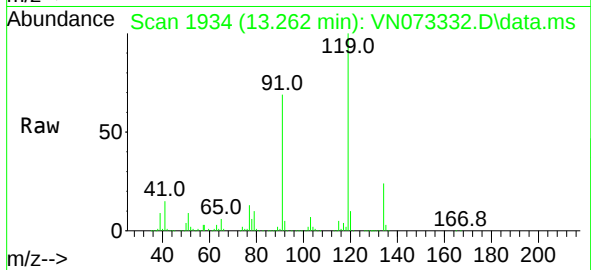
Tgt Ion:119 Resp: 588149

Ion Ratio Lower Upper

119 100

91 67.3 31.6 94.8

134 26.5 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 47.472 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073332.D

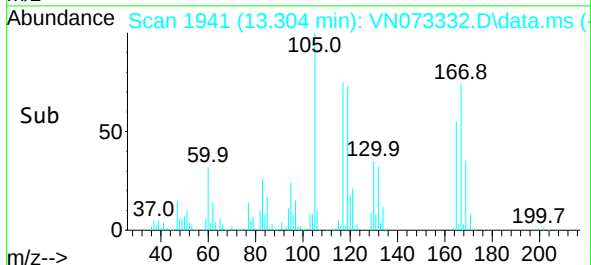
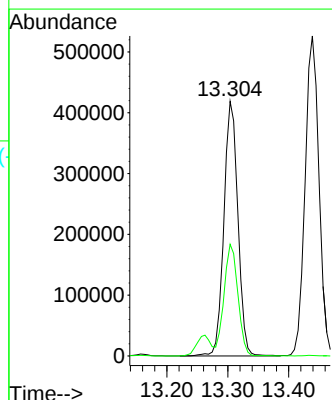
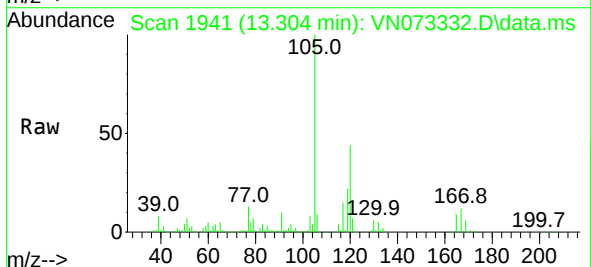
Acq: 06 Jul 2022 09:04

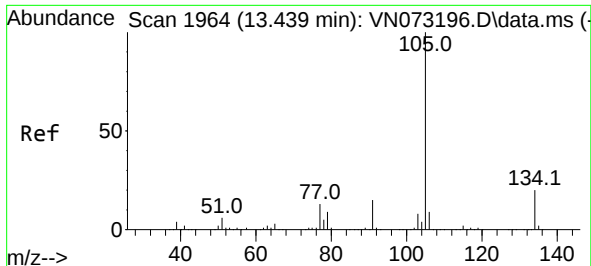
Tgt Ion:105 Resp: 669601

Ion Ratio Lower Upper

105 100

120 43.3 23.3 69.8

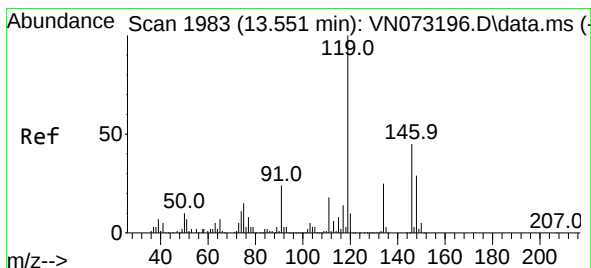
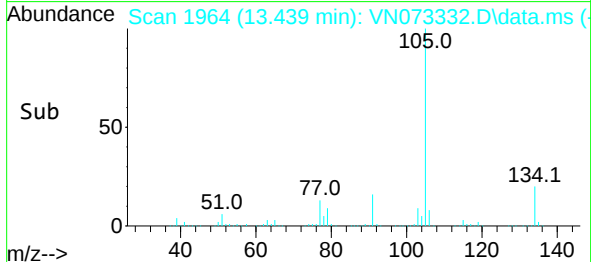
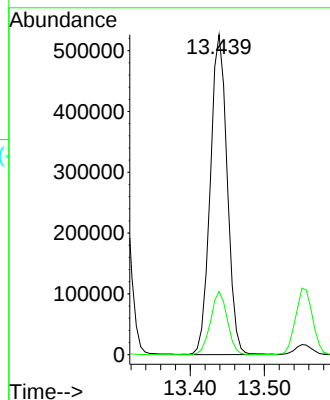
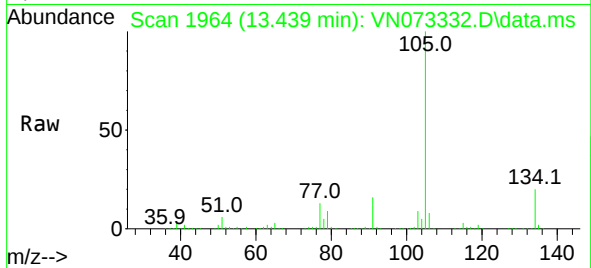




#85
 sec-Butylbenzene
 Concen: 48.984 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073332.D
 Acq: 06 Jul 2022 09:04

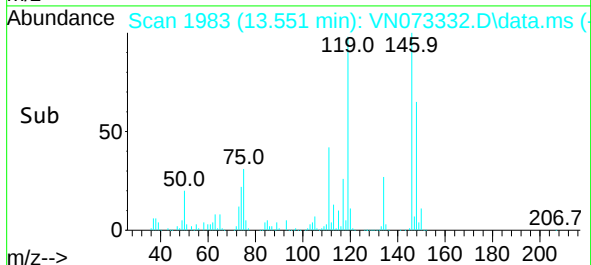
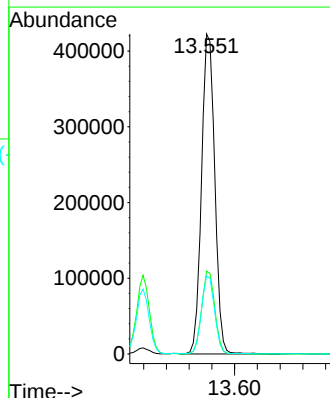
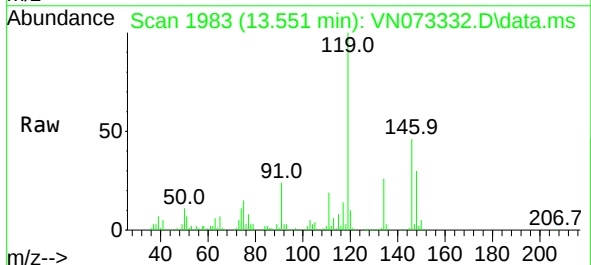
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

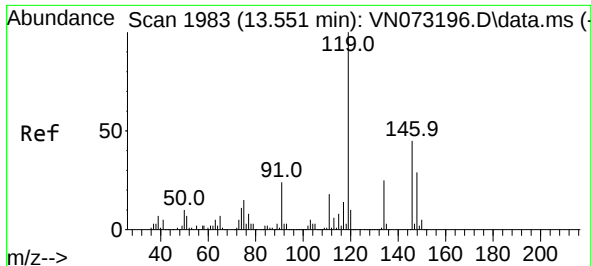
Tgt Ion:105 Resp: 833114
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 49.746 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073332.D
 Acq: 06 Jul 2022 09:04

Tgt Ion:119 Resp: 683456
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.8
 91 24.0 11.3 33.9

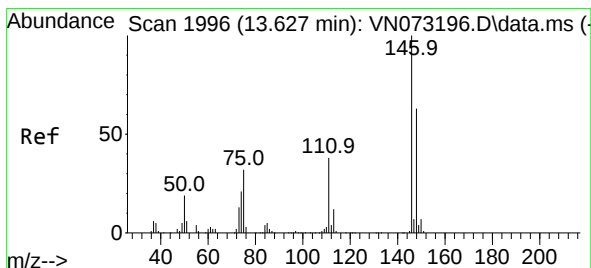
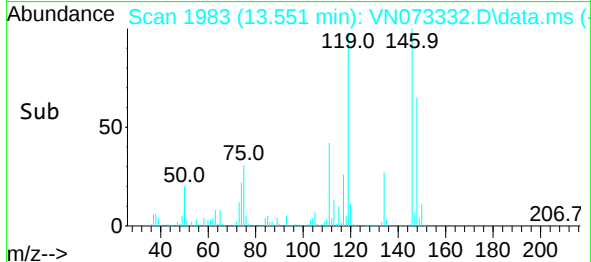
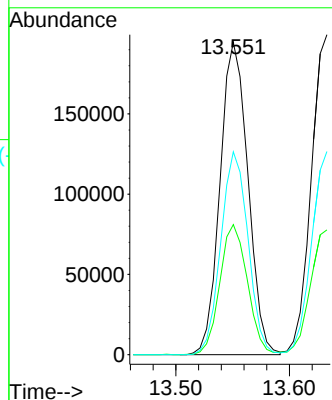
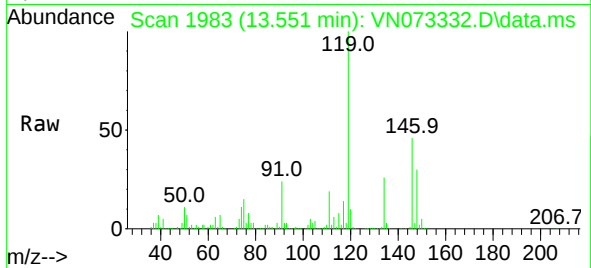




#87
 1,3-Dichlorobenzene
 Concen: 45.938 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073332.D
 Acq: 06 Jul 2022 09:04

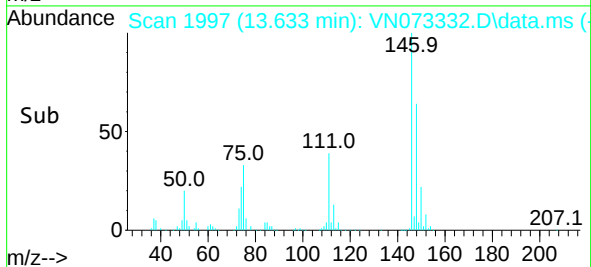
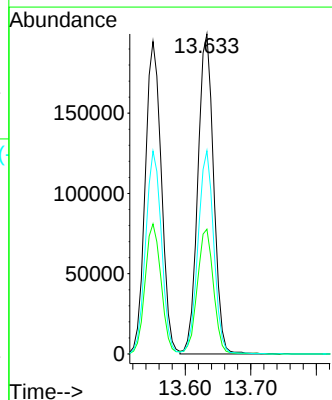
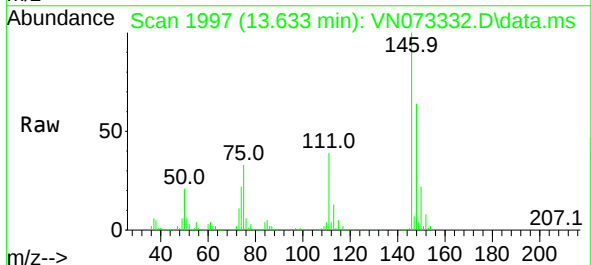
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 332121
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.0 60.0
 148 63.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 46.142 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VN073332.D
 Acq: 06 Jul 2022 09:04

Tgt Ion:146 Resp: 334238
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.1 57.1
 148 63.3 31.4 94.3





#89

n-Butylbenzene

Concen: 50.484 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

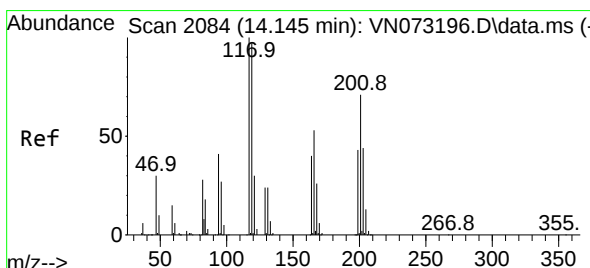
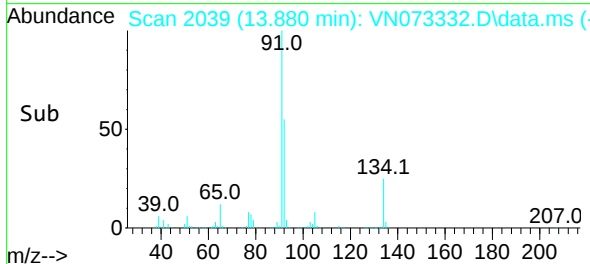
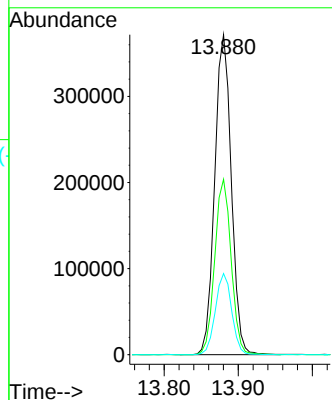
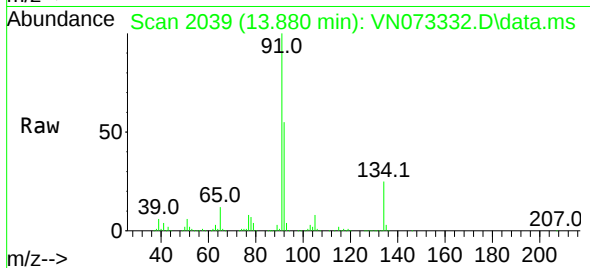
Tgt Ion: 91 Resp: 577975

Ion Ratio Lower Upper

91 100

92 54.2 26.9 80.7

134 25.0 13.6 40.8



#90

Hexachloroethane

Concen: 48.677 ug/l

RT: 14.145 min Scan# 2084

Delta R.T. -0.000 min

Lab File: VN073332.D

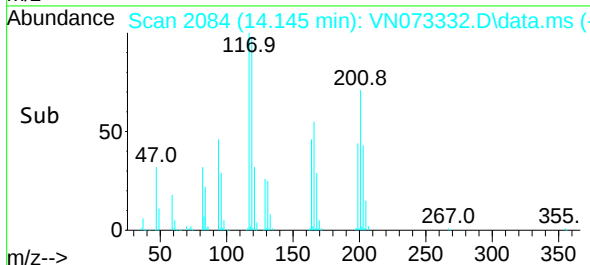
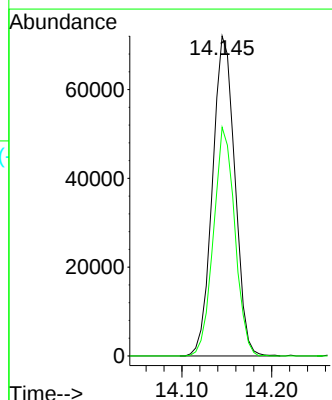
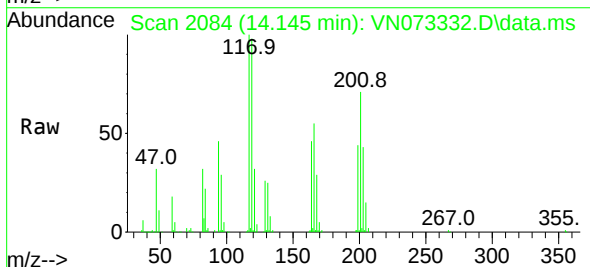
Acq: 06 Jul 2022 09:04

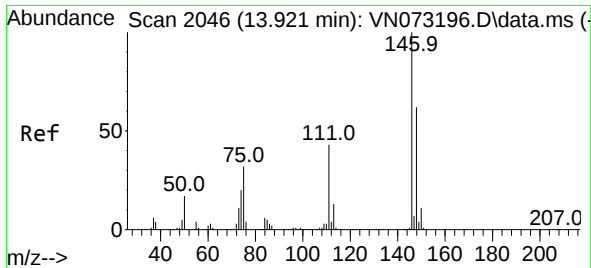
Tgt Ion: 117 Resp: 124635

Ion Ratio Lower Upper

117 100

201 68.3 40.6 122.0

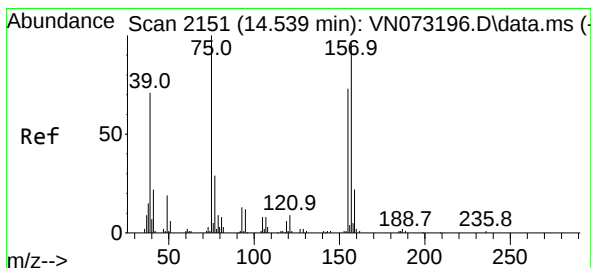
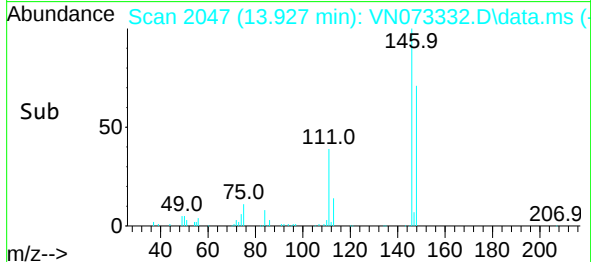
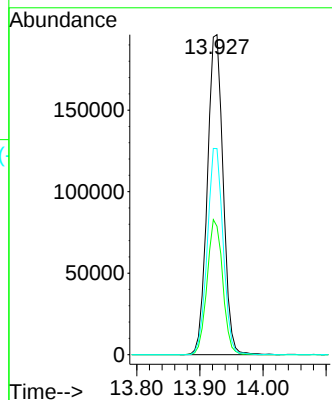
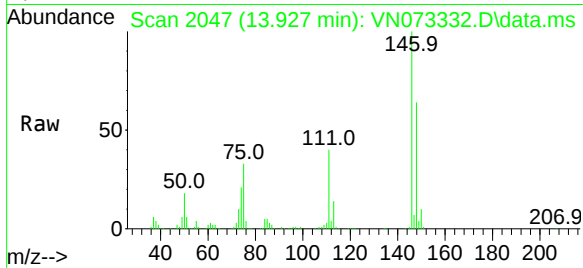




#91
1,2-Dichlorobenzene
Concen: 46.166 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

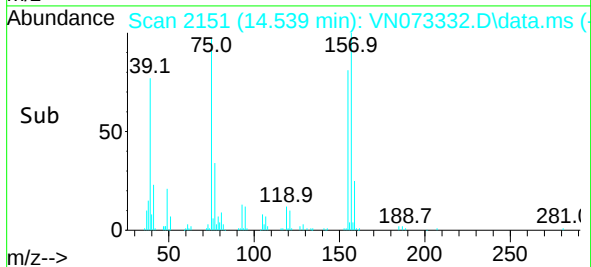
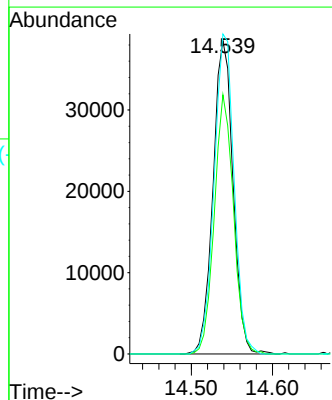
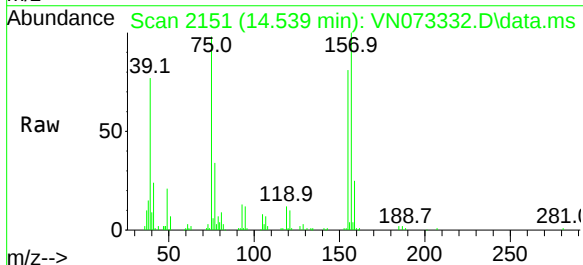
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 339998
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.8
148 64.3 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.262 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073332.D
Acq: 06 Jul 2022 09:04

Tgt Ion: 75 Resp: 66073
Ion Ratio Lower Upper
75 100
155 79.4 44.9 134.5
157 101.6 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 48.221 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

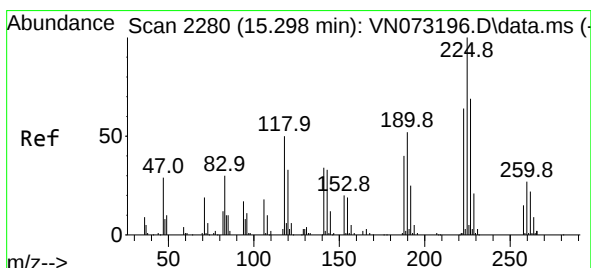
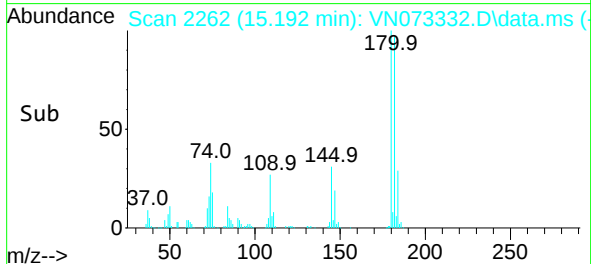
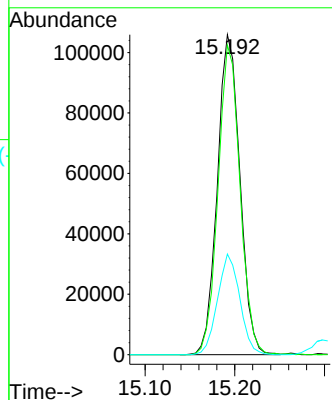
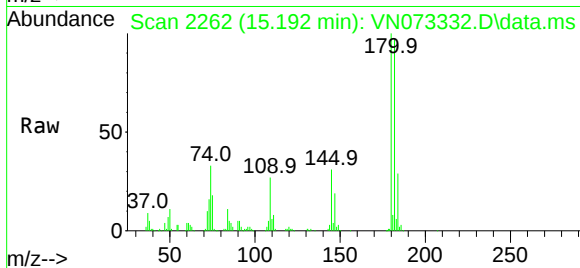
Tgt Ion:180 Resp: 184915

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.5

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 45.639 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

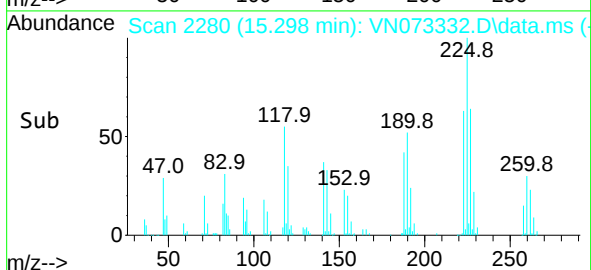
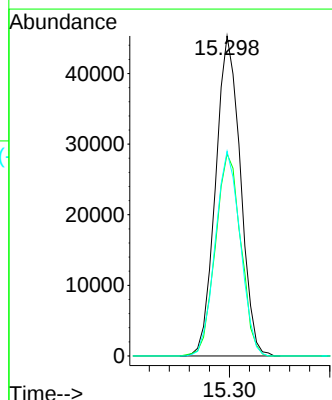
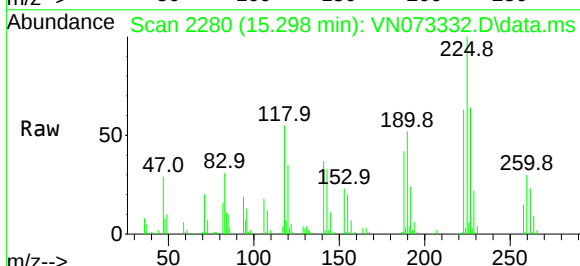
Tgt Ion:225 Resp: 77800

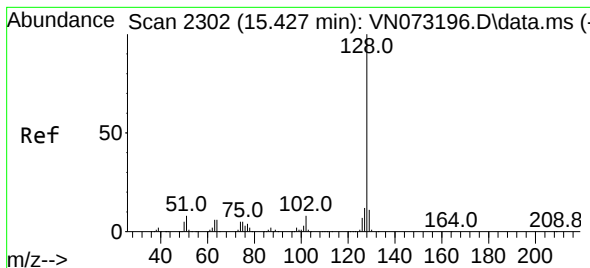
Ion Ratio Lower Upper

225 100

223 64.7 32.4 97.2

227 64.6 31.8 95.4





#95

Naphthalene

Concen: 44.405 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

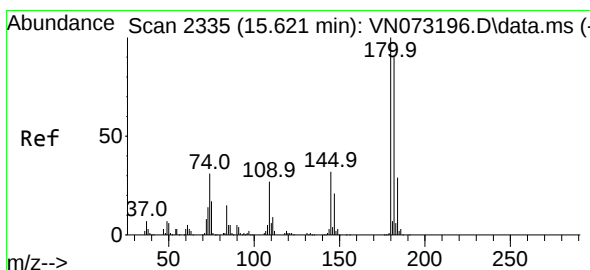
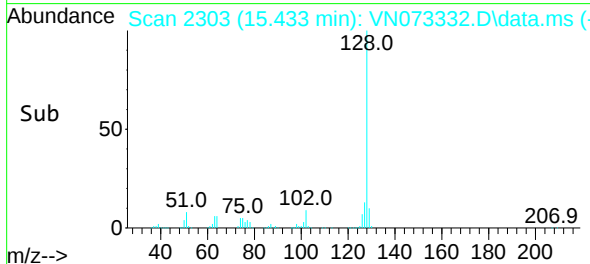
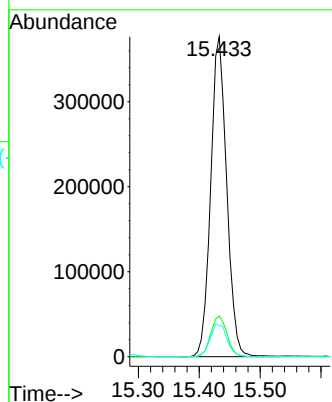
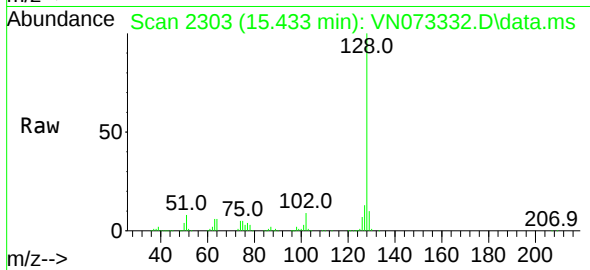
Tgt Ion:128 Resp: 686936

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.025 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073332.D

Acq: 06 Jul 2022 09:04

Tgt Ion:180 Resp: 186019

Ion Ratio Lower Upper

180 100

182 94.4 47.8 143.3

145 33.5 15.5 46.5

