

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073628.D
 Acq On : 29 Jul 2022 11:29
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: Aug 01 02:20:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.581	128	66286	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	362757	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	335617	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	163328	28.498	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.000%		
60) 4-Bromofluorobenzene	12.668	95	173847	29.254	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.500%		
63) Toluene-d8	10.380	98	556834	29.465	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.233%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	88163	19.568	ug/l	99
3) Chloromethane	2.263	50	104760	17.586	ug/l	96
4) Vinyl Chloride	2.404	62	131885	18.038	ug/l	98
5) Bromomethane	2.799	94	87545	23.570	ug/l	98
6) Chloroethane	2.963	64	89016	17.971	ug/l	96
7) Trichlorofluoromethane	3.316	101	142809	19.858	ug/l	92
8) Diethyl Ether	3.763	74	54684	18.897	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.140	101	83471	19.253	ug/l #	65
10) 1,1-Dichloroethene	4.110	96	80337	19.359	ug/l	98
11) Methyl Iodide	4.351	142	84253	17.601	ug/l	89
12) Methyl Acetate	4.775	43	125415	17.782	ug/l	98
13) Acrolein	3.981	56	122305	98.645	ug/l	97
14) Acrylonitrile	5.469	53	285960	87.850	ug/l	98
15) Acetone	4.216	58	107036	118.282	ug/l	88
16) Carbon Disulfide	4.451	76	203977	17.986	ug/l	98
17) Allyl chloride	4.757	41	119922	17.325	ug/l	91
18) Methylene Chloride	5.010	84	99613	18.944	ug/l	90
19) trans-1,2-Dichloroethene	5.510	96	88505	19.235	ug/l	99
20) Diisopropyl ether	6.410	45	274167	18.207	ug/l	94
21) 1,1-Dichloroethane	6.304	63	162443	18.281	ug/l	96
22) cis-1,2-Dichloroethene	7.245	96	107115	19.352	ug/l	91
23) tert-Butyl Alcohol	5.287	59	106200	92.319	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	286625	19.598	ug/l	92
25) Chloroform	7.745	83	172325	18.789	ug/l	95
26) Cyclohexane	8.022	56	137688	17.964	ug/l #	95
29) 1,1-Dichloropropene	8.151	75	122561	18.082	ug/l	99
30) 2-Butanone	7.257	43	436463	93.150	ug/l	99
31) 2,2-Dichloropropane	7.239	77	135828	19.205	ug/l	99
32) 1,1,1-Trichloroethane	7.933	97	146398	18.661	ug/l	100
33) Carbon Tetrachloride	8.128	117	126555	18.812	ug/l	94
34) Benzene	8.386	78	394851	18.002	ug/l	97
35) Methacrylonitrile	7.569	41	76383	20.082	ug/l	94
36) 1,2-Dichloroethane	8.463	62	132227	18.282	ug/l #	94
37) Trichloroethene	9.151	130	102412	18.979	ug/l	99
38) Methylcyclohexane	9.392	83	155031	18.425	ug/l	98
39) 1,2-Dichloropropane	9.428	63	96460	17.432	ug/l	95
40) Dibromomethane	9.510	93	69598	18.536	ug/l	87
41) Bromodichloromethane	9.698	83	131985	17.957	ug/l	95
42) Vinyl Acetate	6.345	43	1176270	87.120	ug/l #	95

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 ClientSampleId :
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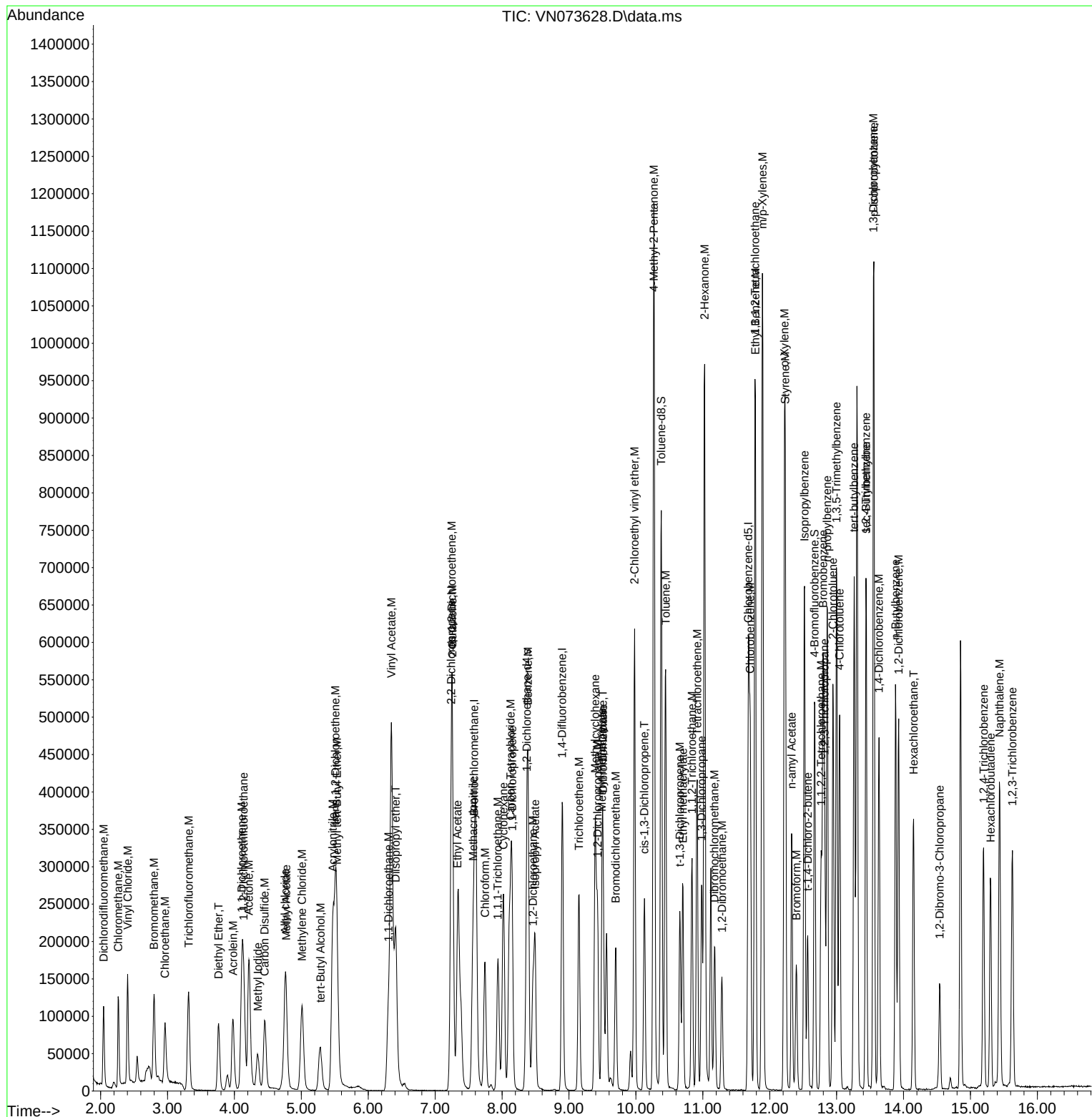
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	153517	17.259	ug/l	98
44) Isopropyl Acetate	8.492	43	213801	17.284	ug/l	95
45) 1,4-Dioxane	9.504	88	55483	376.167	ug/l #	94
46) Methyl methacrylate	9.492	41	93026	16.817	ug/l	87
47) n-amyl Acetate	12.327	43	168525	17.089	ug/l	95
48) t-1,3-Dichloropropene	10.657	75	134163	17.730	ug/l	100
49) cis-1,3-Dichloropropene	10.127	75	152943	18.204	ug/l #	88
50) 1,1,2-Trichloroethane	10.839	97	104428	18.538	ug/l	97
51) Ethyl methacrylate	10.704	69	148965	17.590	ug/l	86
52) 1,3-Dichloropropane	10.980	76	171850	18.099	ug/l	99
53) Dibromochloromethane	11.174	129	106023	18.572	ug/l	99
54) 1,2-Dibromoethane	11.286	107	105845	18.438	ug/l	95
55) 2-Chloroethyl vinyl ether	9.980	63	275074	72.418	ug/l	99
56) Bromoform	12.398	173	79572	17.737	ug/l #	97
58) 4-Methyl-2-Pentanone	10.269	43	756718	87.199	ug/l	93
59) 2-Hexanone	11.027	43	606651	90.759	ug/l	92
61) Tetrachloroethene	10.916	164	100715	19.591	ug/l	88
62) Toluene	10.445	91	438070	18.770	ug/l	98
64) Chlorobenzene	11.710	112	263643	18.906	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.780	131	99869	19.294	ug/l	99
66) Ethyl Benzene	11.786	91	461191	18.484	ug/l	96
67) m/p-Xylenes	11.892	106	372496	39.059	ug/l	96
68) o-Xylene	12.221	106	182799	19.298	ug/l	96
69) Styrene	12.233	104	287477	18.413	ug/l	97
70) Isopropylbenzene	12.521	105	463479	19.138	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.768	83	154430	18.135	ug/l	98
72) 1,2,3-Trichloropropane	12.821	75	193016	27.140	ug/l	50
73) Bromobenzene	12.798	156	116854	19.425	ug/l	92
74) n-propylbenzene	12.857	91	527177	18.705	ug/l	98
75) 2-Chlorotoluene	12.945	91	315937	18.701	ug/l	98
76) 1,3,5-Trimethylbenzene	12.998	105	386702	19.064	ug/l	94
77) t-1,4-Dichloro-2-butene	12.568	75	45705	17.635	ug/l	92
78) 4-Chlorotoluene	13.045	91	300734	18.530	ug/l	99
79) tert-butylbenzene	13.263	119	341706	19.485	ug/l	94
80) 1,2,4-Trimethylbenzene	13.439	105	478652	23.823	ug/l	100
81) sec-Butylbenzene	13.439	105	478652	19.009	ug/l	97
82) p-Isopropyltoluene	13.557	119	393078	19.014	ug/l	96
83) 1,3-Dichlorobenzene	13.551	146	206285	18.733	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	204830	19.283	ug/l	97
85) n-Butylbenzene	13.880	91	300546	17.934	ug/l	97
86) Hexachloroethane	14.151	117	69906	18.438	ug/l	80
87) 1,2-Dichlorobenzene	13.927	146	211838	19.028	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.539	75	33380	17.947	ug/l #	79
89) 1,2,4-Trichlorobenzene	15.198	180	118090	19.272	ug/l	96
90) Hexachlorobutadiene	15.304	225	61681	19.875	ug/l	99
91) Naphthalene	15.433	128	390761	19.422	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	121136	19.245	ug/l	97

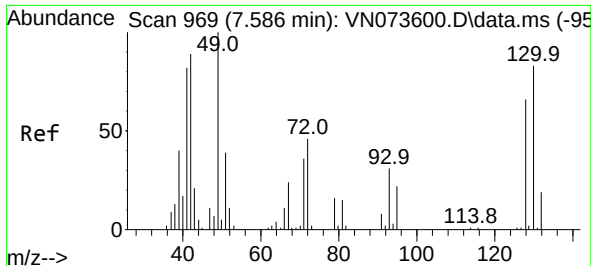
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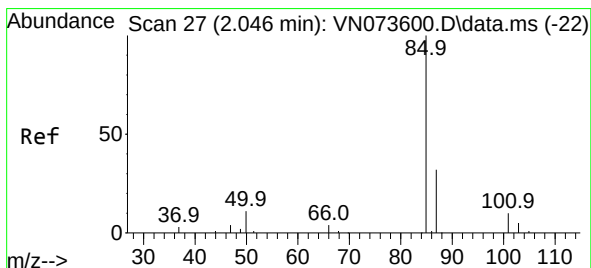
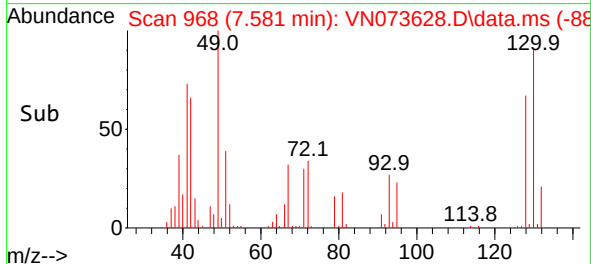
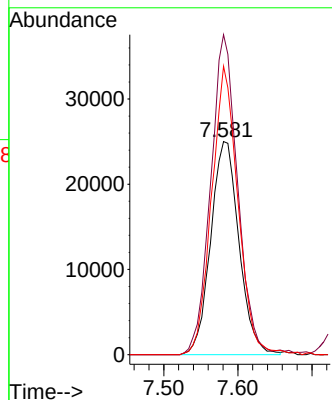
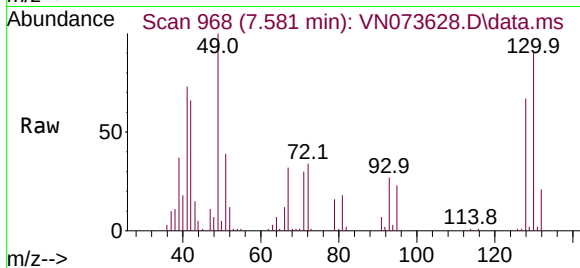




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.581 min Scan# 9
Delta R.T. -0.005 min
Lab File: VN073628.D
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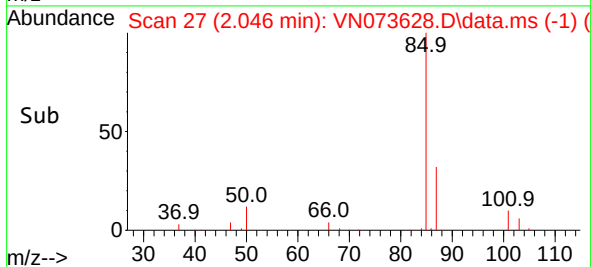
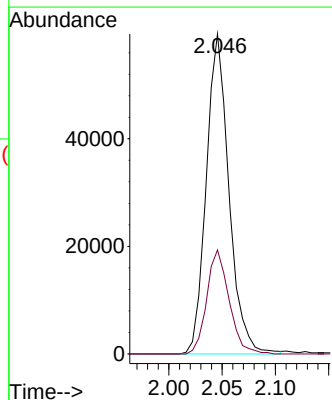
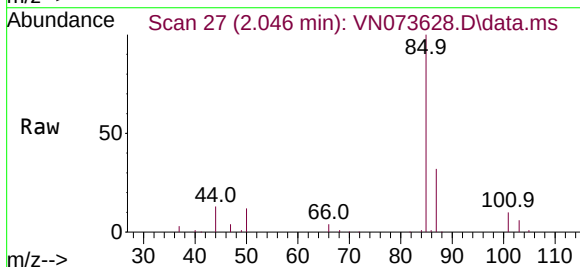
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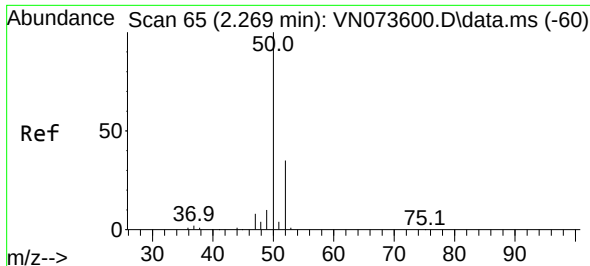
Tgt Ion:128 Resp: 66286
Ion Ratio Lower Upper
128 100
49 142.6 0.0 392.3
130 125.7 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 19.568 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 85 Resp: 88163
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.7

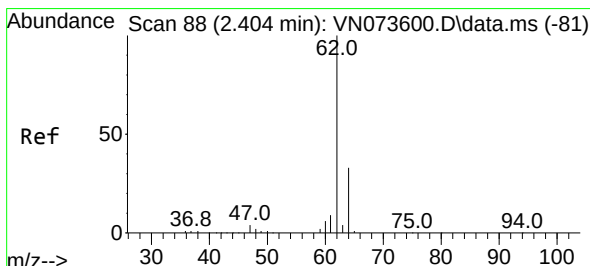
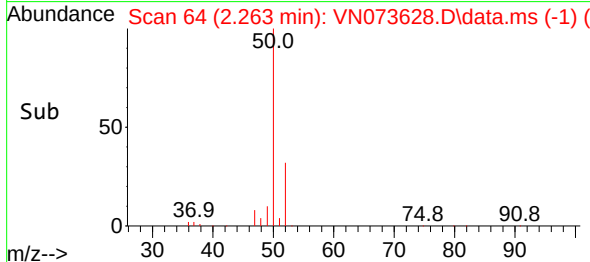
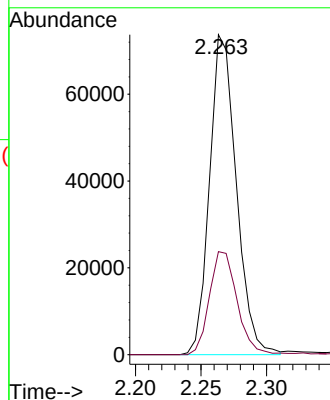
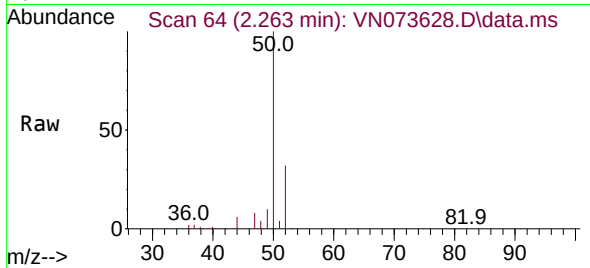




#3
Chloromethane
Concen: 17.586 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

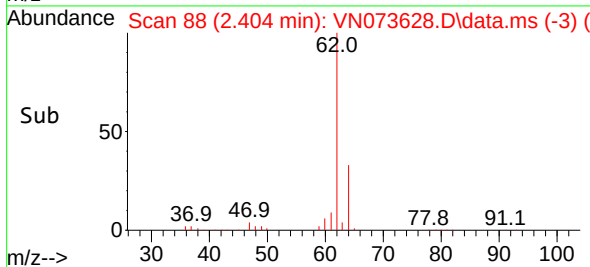
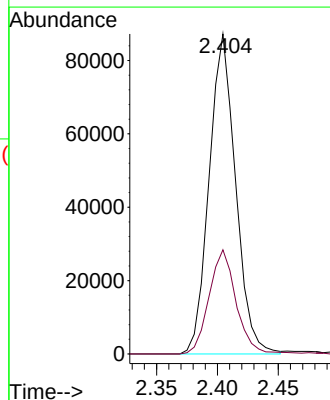
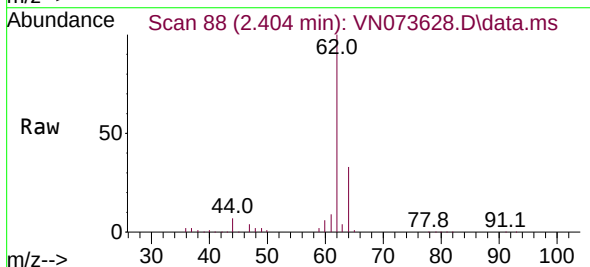
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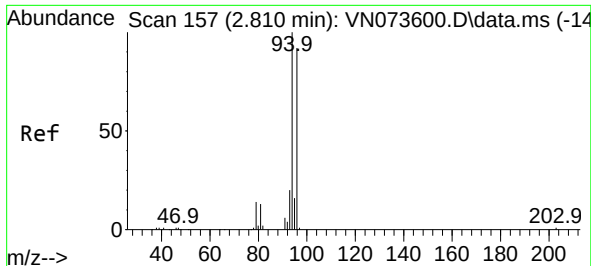
Tgt Ion: 50 Resp: 104760
Ion Ratio Lower Upper
50 100
52 32.2 27.8 41.6



#4
Vinyl Chloride
Concen: 18.038 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 62 Resp: 131885
Ion Ratio Lower Upper
62 100
64 32.5 25.1 37.7

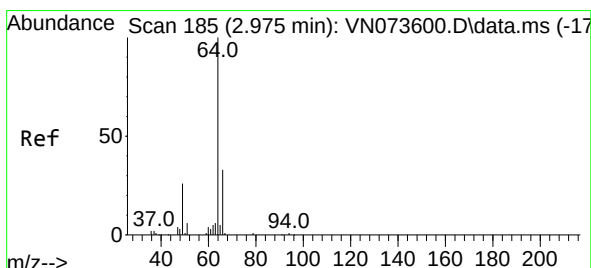
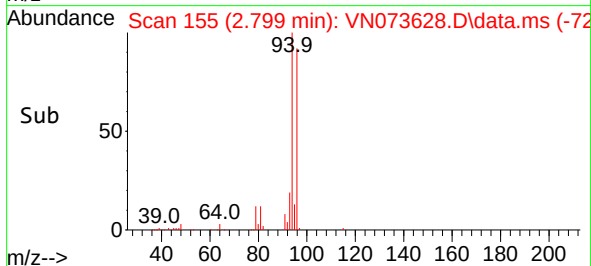
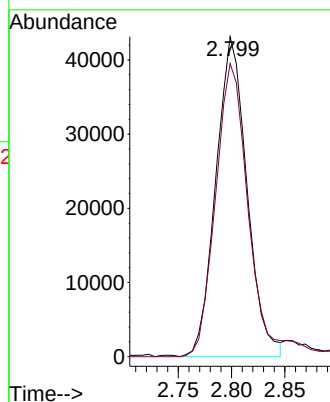
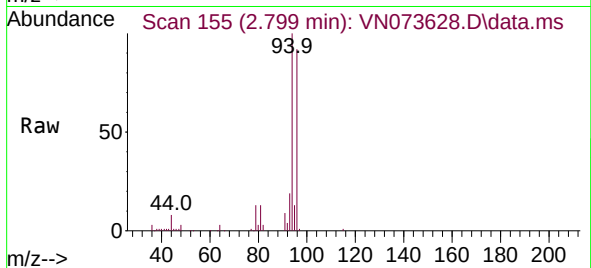




#5
Bromomethane
Concen: 23.570 ug/l
RT: 2.799 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

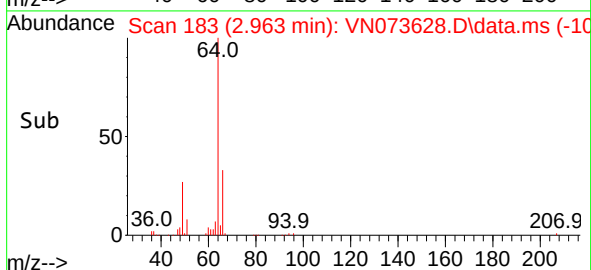
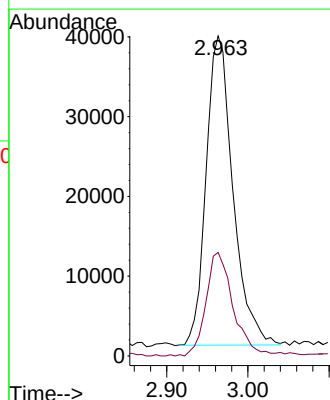
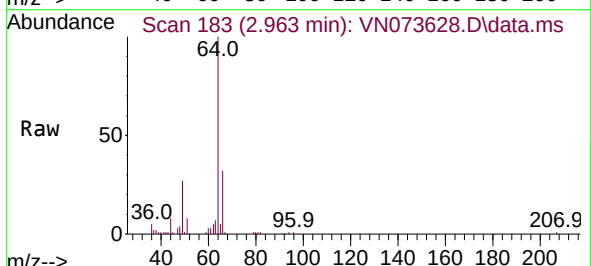
Instrument :
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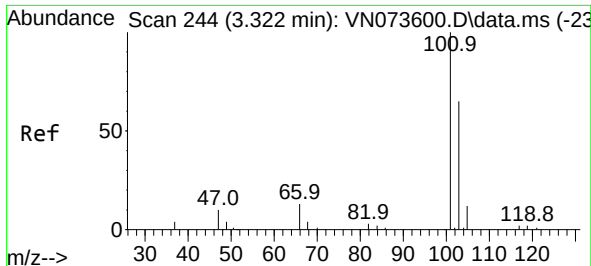
Tgt Ion: 94 Resp: 87545
Ion Ratio Lower Upper
94 100
96 91.6 75.2 112.8



#6
Chloroethane
Concen: 17.971 ug/l
RT: 2.963 min Scan# 183
Delta R.T. -0.012 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 64 Resp: 89016
Ion Ratio Lower Upper
64 100
66 33.1 24.6 36.8

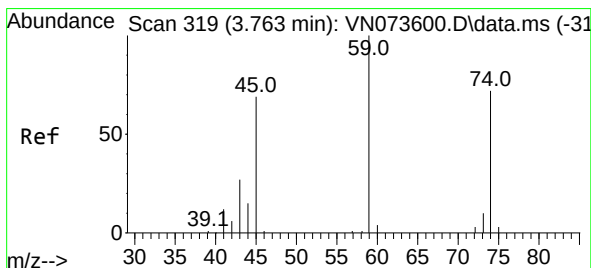
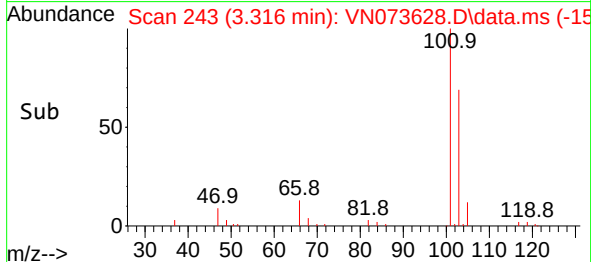
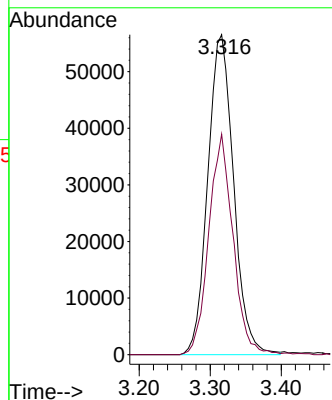
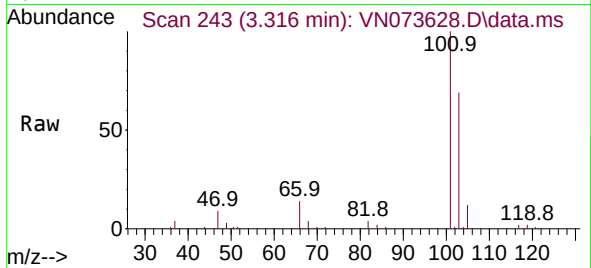




#7
 Trichlorofluoromethane
 Concen: 19.858 ug/l
 RT: 3.316 min Scan# 244
 Delta R.T. -0.006 min
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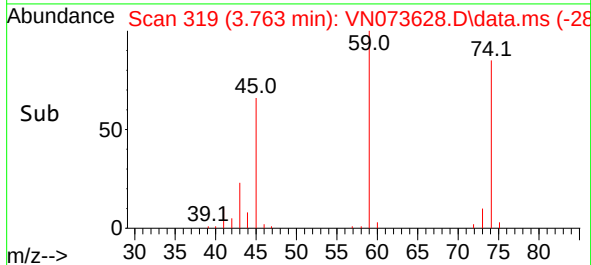
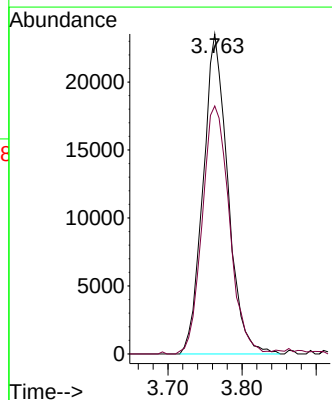
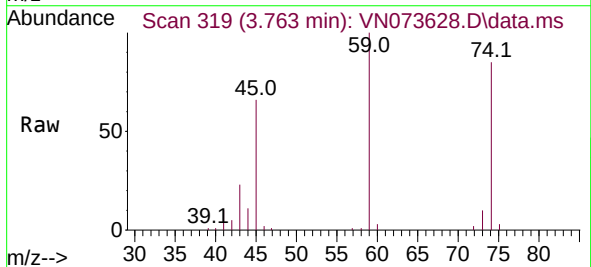
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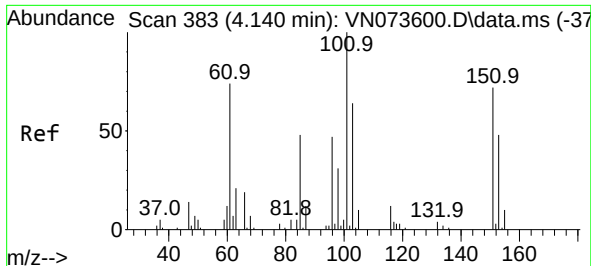
Tgt Ion:101 Resp: 142809
 Ion Ratio Lower Upper
 101 100
 103 68.9 50.1 75.1



#8
 Diethyl Ether
 Concen: 18.897 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073628.D
 Acq: 29 Jul 2022 11:29

Tgt Ion: 74 Resp: 54684
 Ion Ratio Lower Upper
 74 100
 45 84.9 17.6 158.8

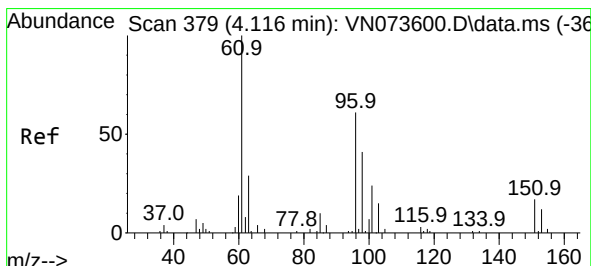
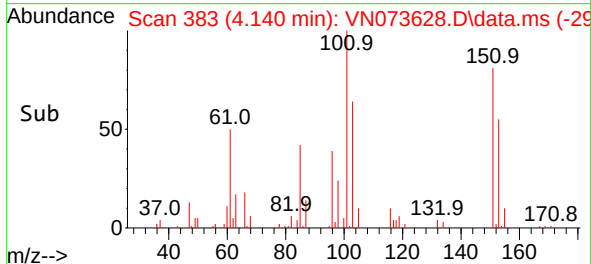
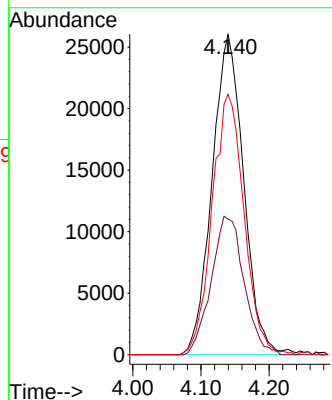
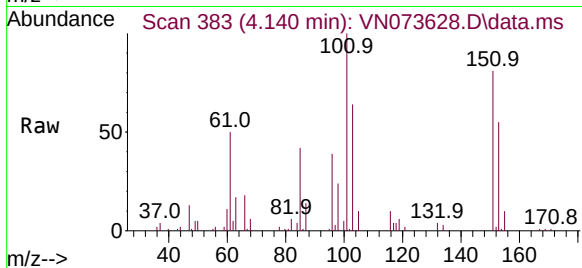




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.253 ug/l
 RT: 4.140 min Scan# 383
 Delta R.T. 0.000 min
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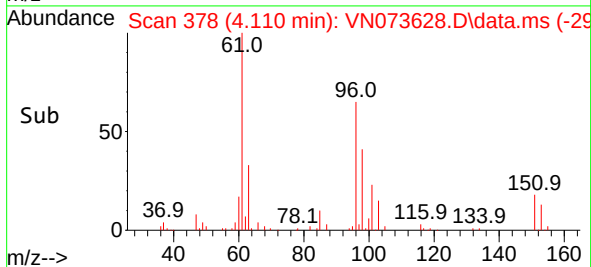
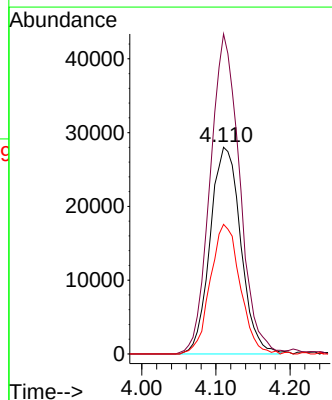
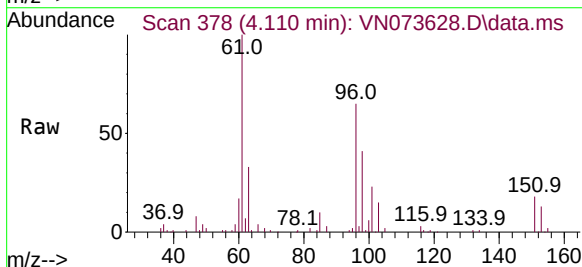
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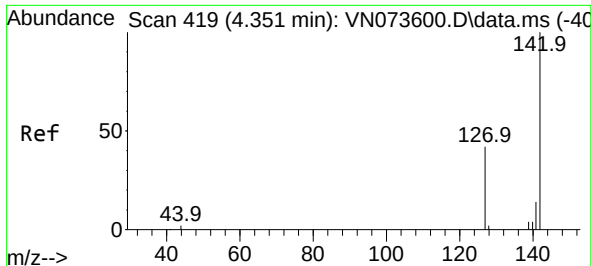
Tgt Ion:101 Resp: 83471
 Ion Ratio Lower Upper
 101 100
 85 45.1 0.0 94.0
 151 82.1 0.0 74.6#



#10
 1,1-Dichloroethene
 Concen: 19.359 ug/l
 RT: 4.110 min Scan# 378
 Delta R.T. -0.006 min
 Lab File: VN073628.D
 Acq: 29 Jul 2022 11:29

Tgt Ion: 96 Resp: 80337
 Ion Ratio Lower Upper
 96 100
 61 154.0 126.2 189.4
 98 62.8 50.9 76.3

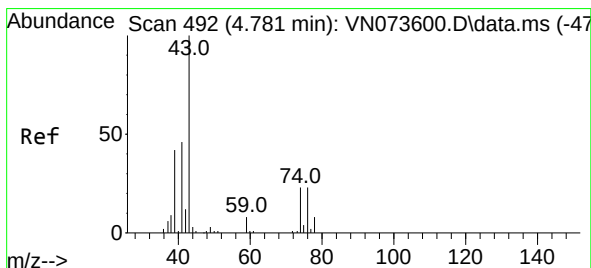
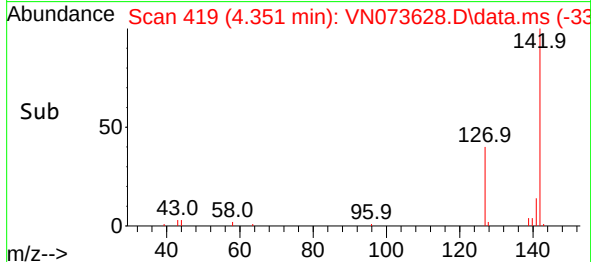
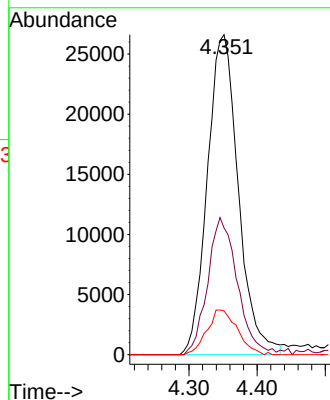
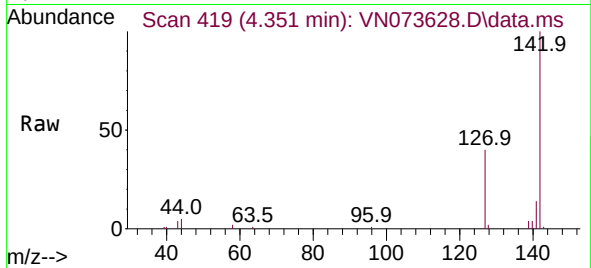




#11
Methyl Iodide
Concen: 17.601 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

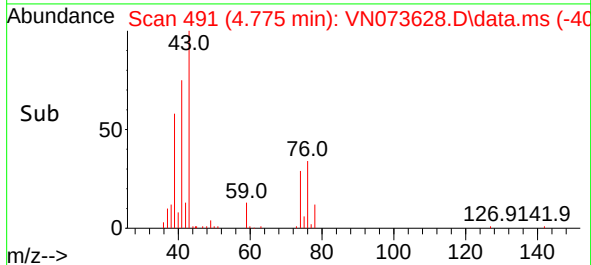
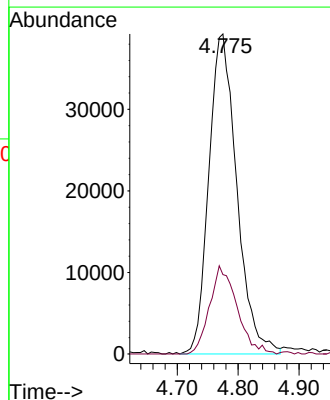
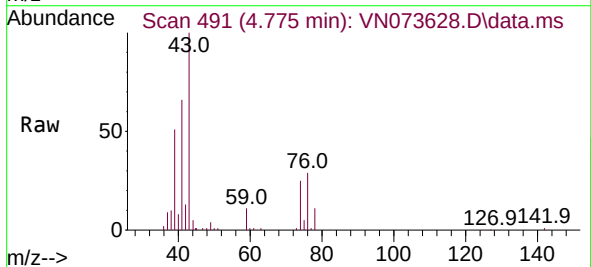
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

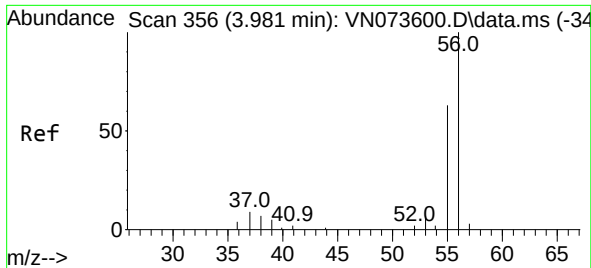
Tgt Ion:142 Resp: 84253
Ion Ratio Lower Upper
142 100
127 39.5 24.0 72.0
141 13.9 8.4 25.2



#12
Methyl Acetate
Concen: 17.782 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 43 Resp: 125415
Ion Ratio Lower Upper
43 100
74 24.8 20.8 31.2

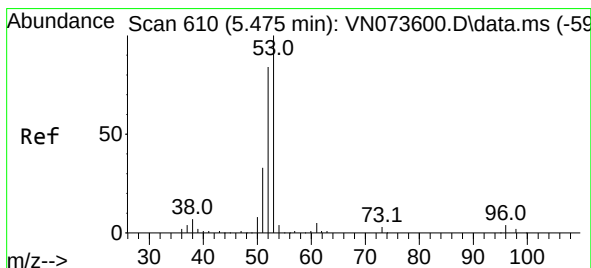
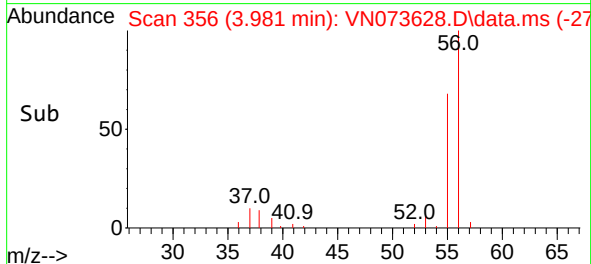
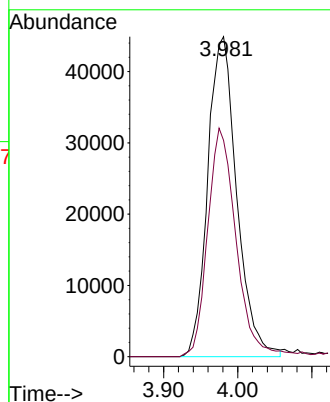
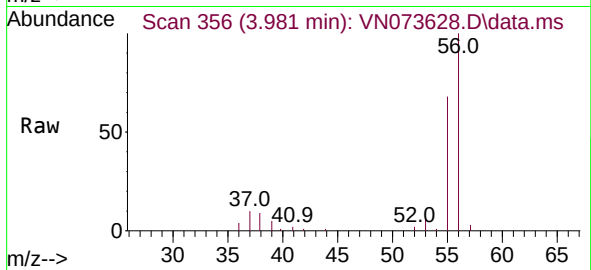




#13
Acrolein
Concen: 98.645 ug/l
RT: 3.981 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

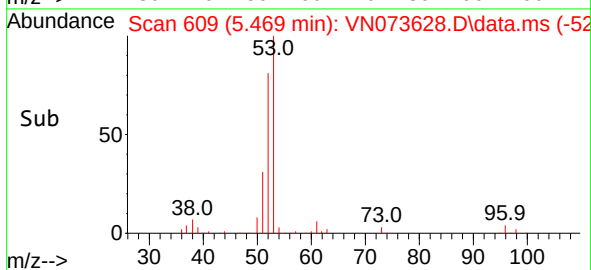
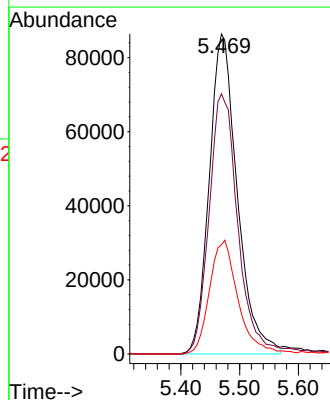
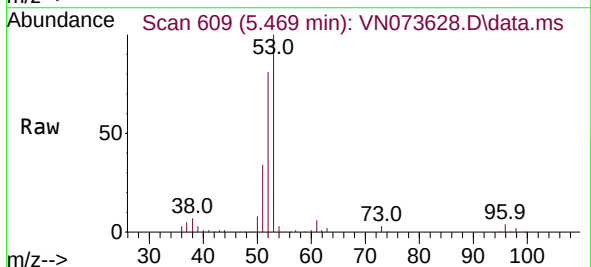
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

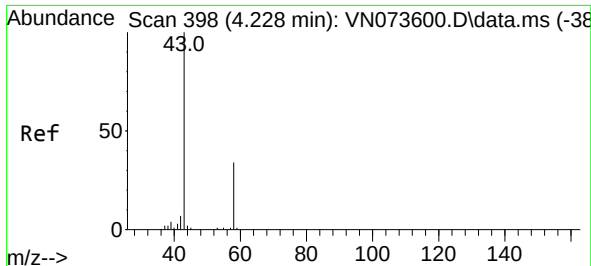
Tgt Ion: 56 Resp: 122305
Ion Ratio Lower Upper
56 100
55 69.8 57.6 86.4



#14
Acrylonitrile
Concen: 87.850 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 53 Resp: 285960
Ion Ratio Lower Upper
53 100
52 82.8 41.8 125.4
51 35.8 19.0 57.0





#15

Acetone

Concen: 118.282 ug/l

RT: 4.216 min Scan# 398

Delta R.T. -0.012 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

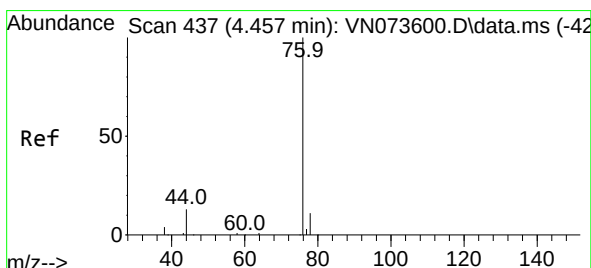
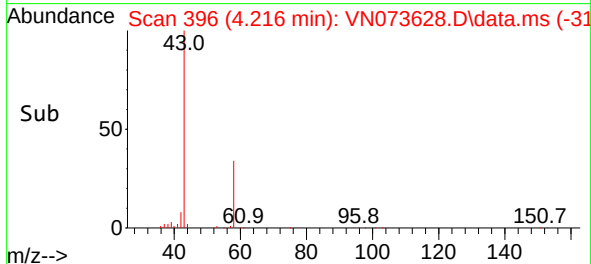
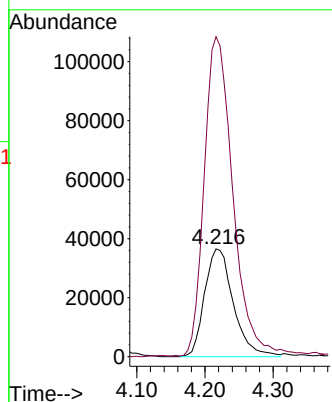
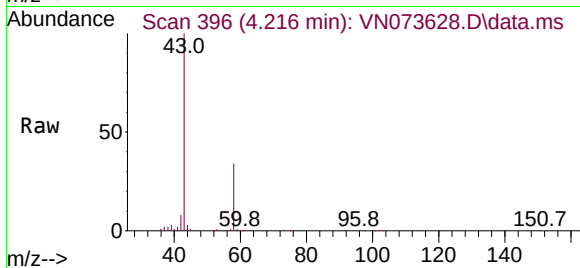
VSTDCCC020

Tgt Ion: 58 Resp: 107036

Ion Ratio Lower Upper

58 100

43 296.3 256.6 384.8



#16

Carbon Disulfide

Concen: 17.986 ug/l

RT: 4.451 min Scan# 436

Delta R.T. -0.006 min

Lab File: VN073628.D

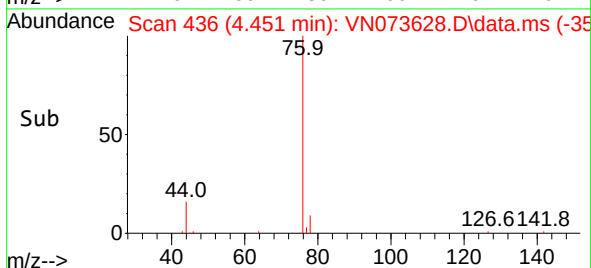
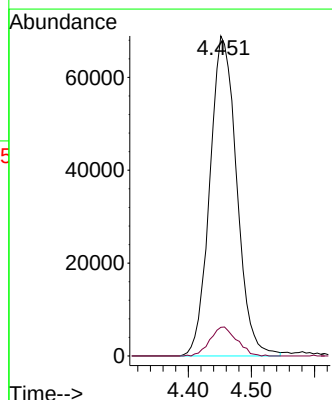
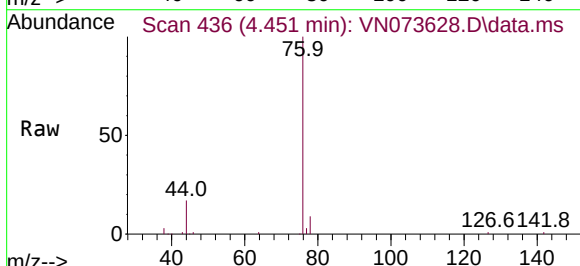
Acq: 29 Jul 2022 11:29

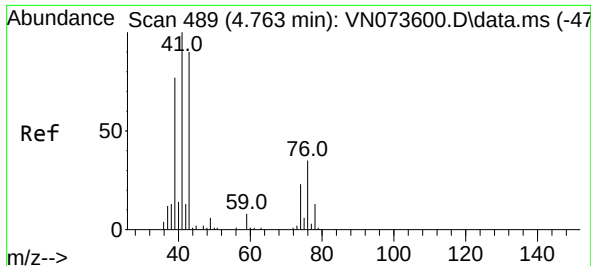
Tgt Ion: 76 Resp: 203977

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.8

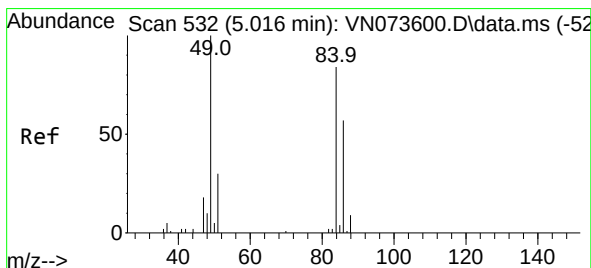
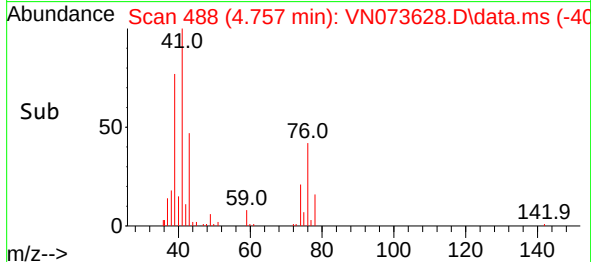
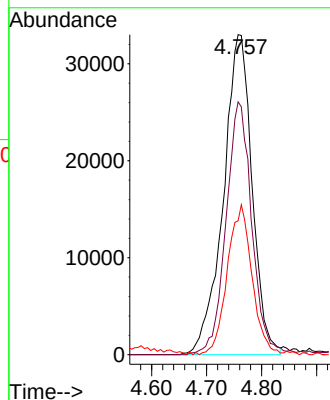
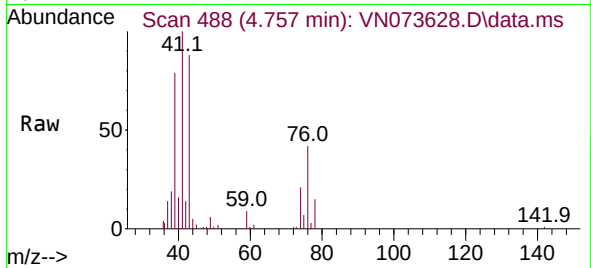




#17
 Allyl chloride
 Concen: 17.325 ug/l
 RT: 4.757 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN073628.D
 Acq: 29 Jul 2022 11:29

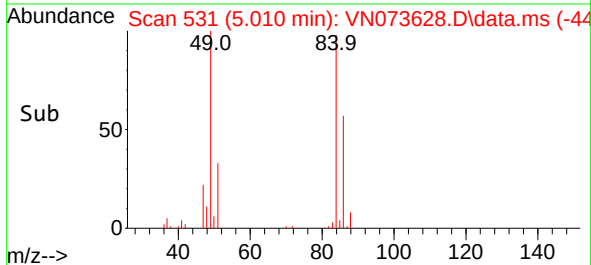
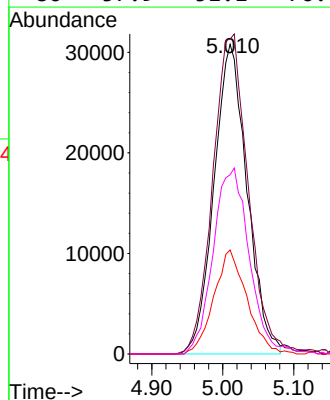
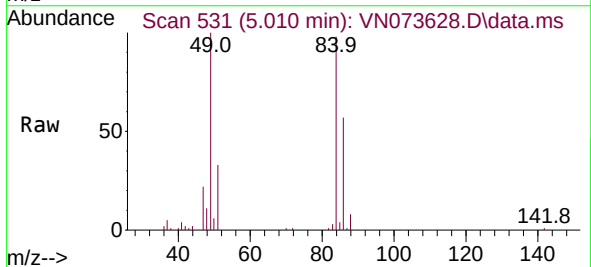
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

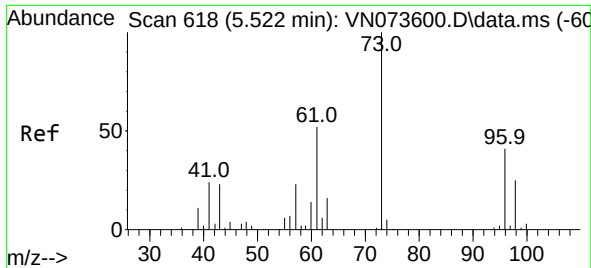
Tgt Ion: 41 Resp: 119922
 Ion Ratio Lower Upper
 41 100
 39 79.0 44.6 134.0
 76 41.3 19.6 58.7



#18
 Methylene Chloride
 Concen: 18.944 ug/l
 RT: 5.010 min Scan# 531
 Delta R.T. -0.006 min
 Lab File: VN073628.D
 Acq: 29 Jul 2022 11:29

Tgt Ion: 84 Resp: 99613
 Ion Ratio Lower Upper
 84 100
 49 101.2 91.4 137.0
 51 33.6 29.4 44.0
 86 57.9 51.1 76.7

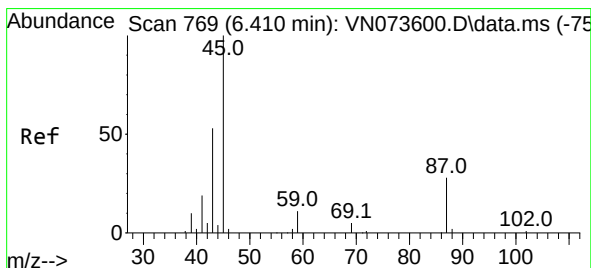
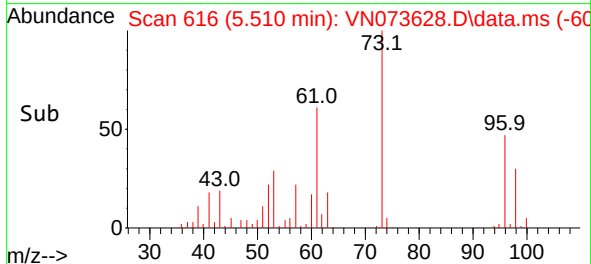
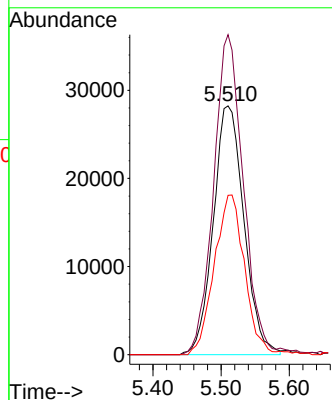
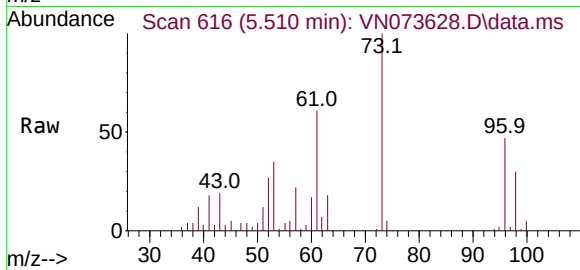




#19
trans-1,2-Dichloroethene
Concen: 19.235 ug/l
RT: 5.510 min Scan# 618
Delta R.T. -0.012 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

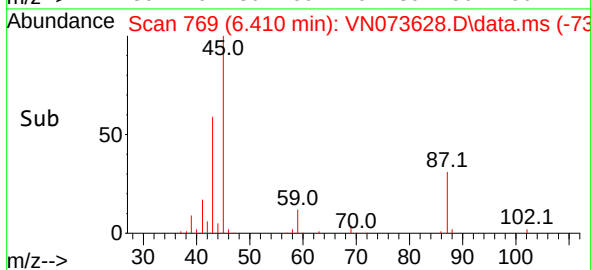
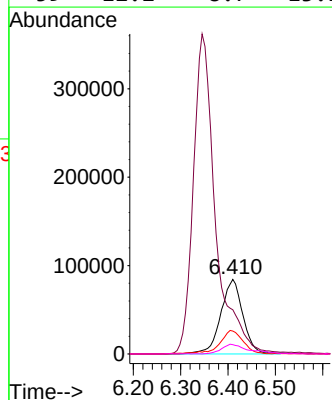
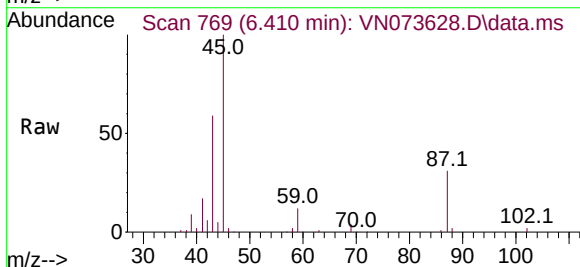
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

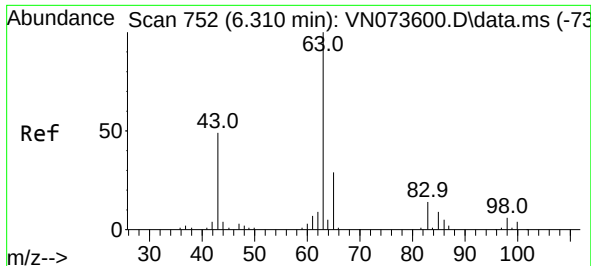
Tgt Ion: 96 Resp: 88505
Ion Ratio Lower Upper
96 100
61 128.6 102.8 154.2
98 64.1 49.3 73.9



#20
Diisopropyl ether
Concen: 18.207 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 45 Resp: 274167
Ion Ratio Lower Upper
45 100
43 56.9 51.0 76.4
87 30.1 25.0 37.4
59 12.2 8.7 13.1

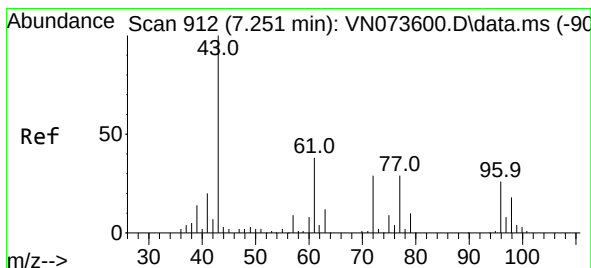
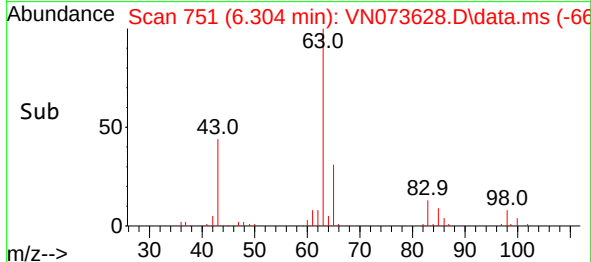
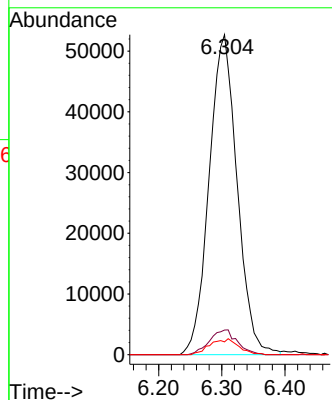
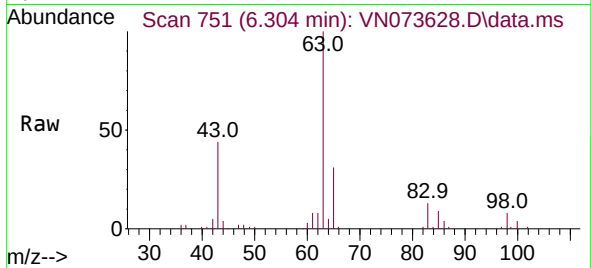




#21
1,1-Dichloroethane
Concen: 18.281 ug/l
RT: 6.304 min Scan# 751
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

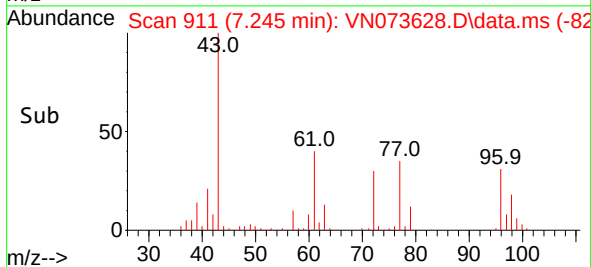
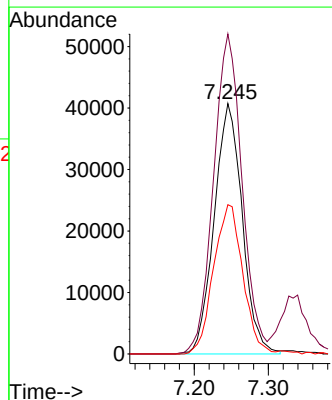
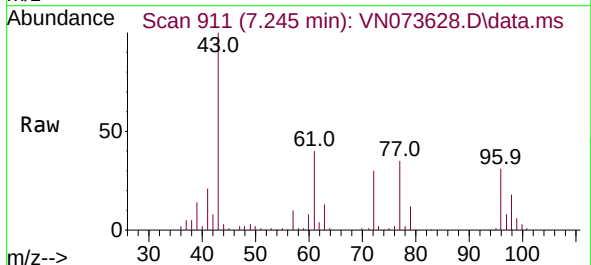
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

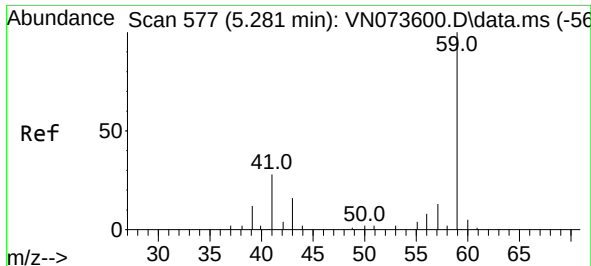
Tgt Ion: 63 Resp: 162443
Ion Ratio Lower Upper
63 100
98 8.4 3.2 9.6
100 4.0 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 19.352 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 96 Resp: 107115
Ion Ratio Lower Upper
96 100
61 129.9 115.7 173.5
98 62.0 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 92.319 ug/l

RT: 5.287 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

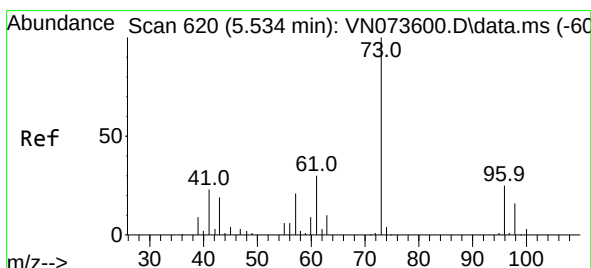
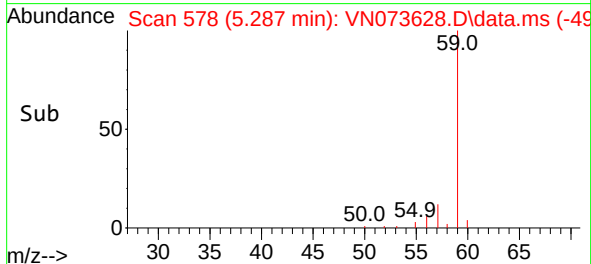
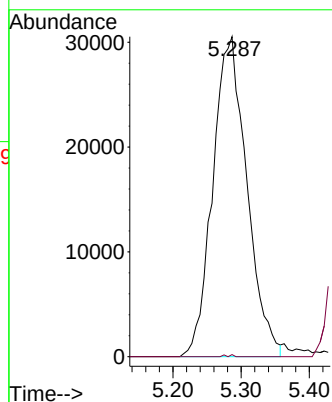
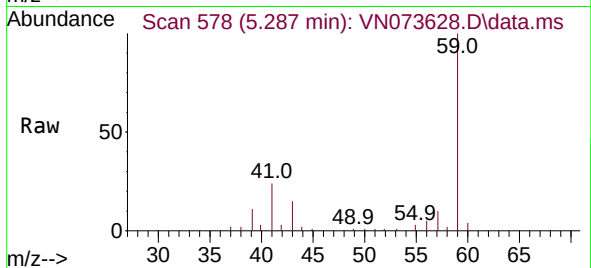
VSTDCCC020

Tgt Ion: 59 Resp: 106200

Ion Ratio Lower Upper

59 100

52 0.1 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 19.598 ug/l

RT: 5.534 min Scan# 620

Delta R.T. 0.000 min

Lab File: VN073628.D

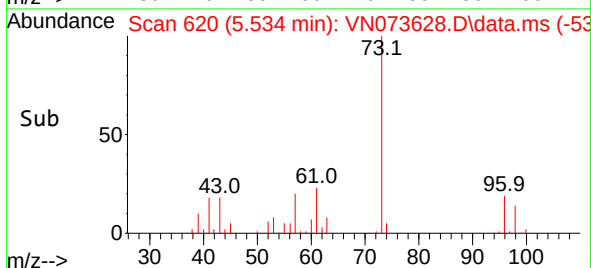
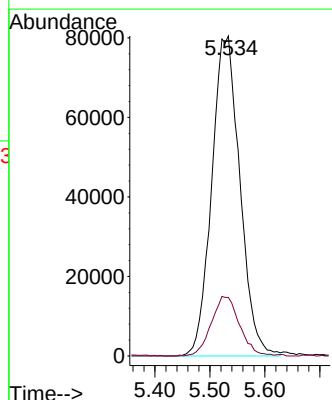
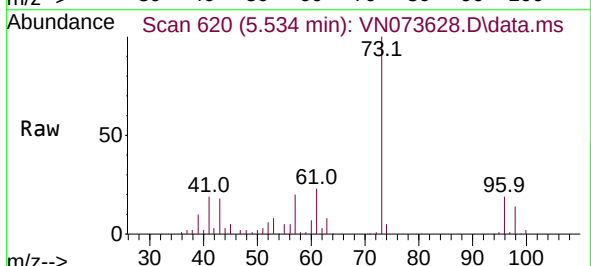
Acq: 29 Jul 2022 11:29

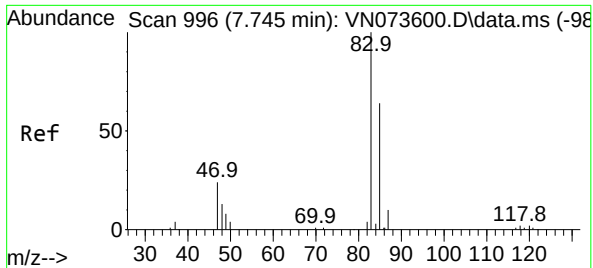
Tgt Ion: 73 Resp: 286625

Ion Ratio Lower Upper

73 100

43 18.6 18.1 27.1

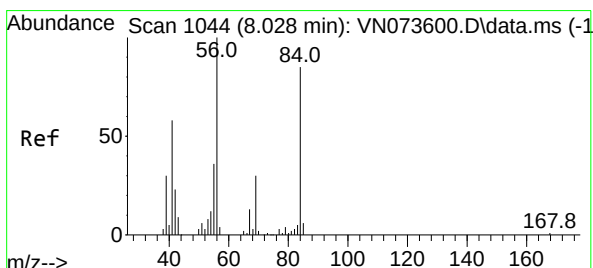
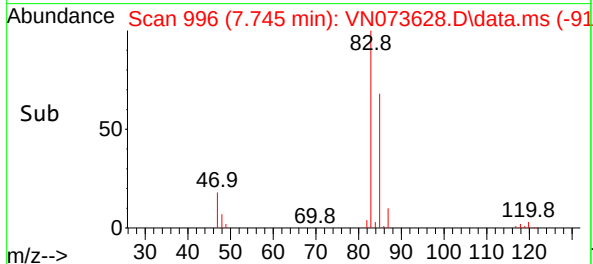
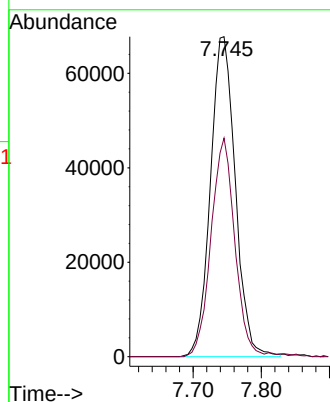
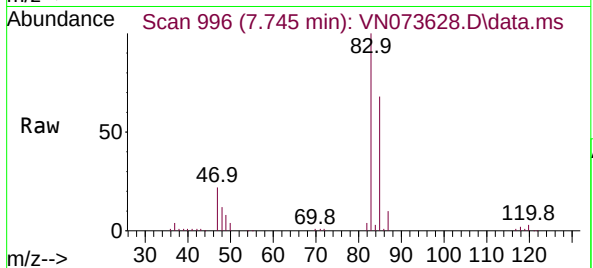




#25
Chloroform
Concen: 18.789 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

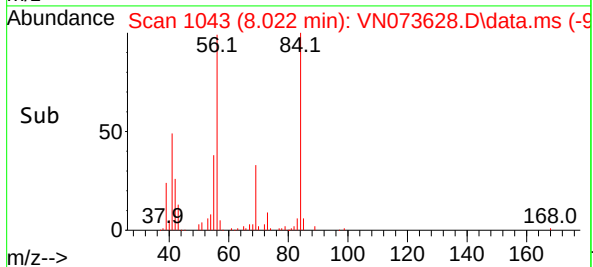
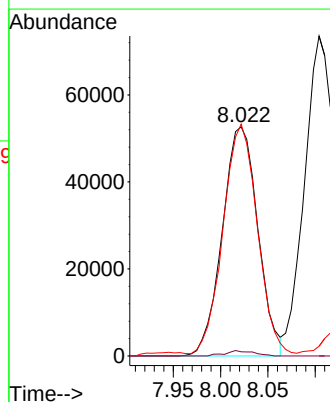
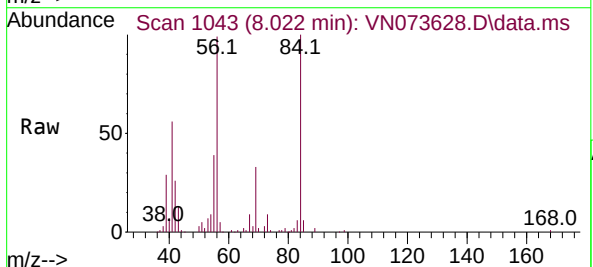
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

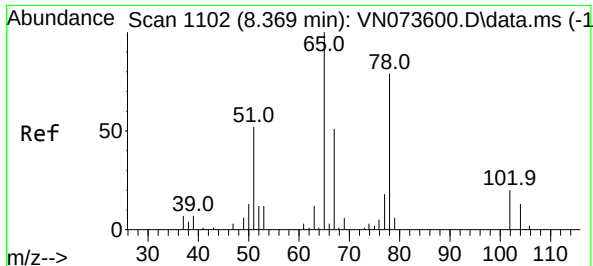
Tgt Ion: 83 Resp: 172325
Ion Ratio Lower Upper
83 100
85 68.3 51.3 76.9



#26
Cyclohexane
Concen: 17.964 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 56 Resp: 137688
Ion Ratio Lower Upper
56 100
89 0.7 0.1 0.1#
84 98.1 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 28.498 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

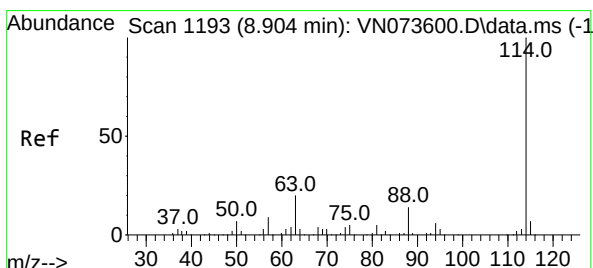
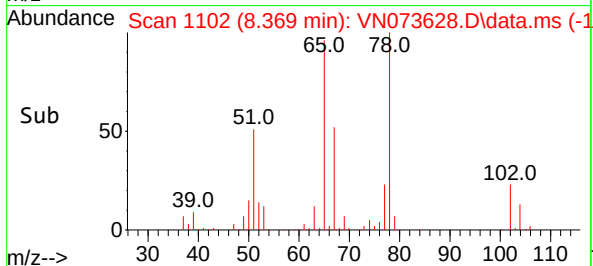
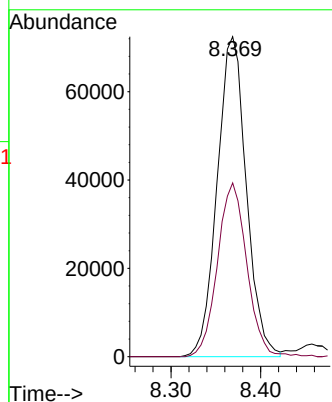
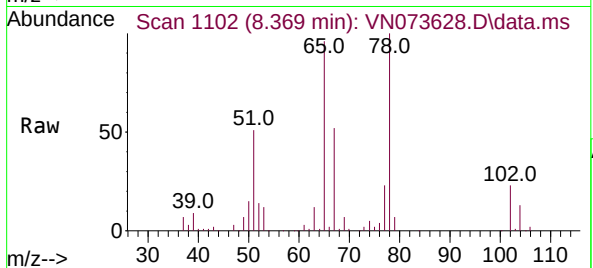
VSTDCCC020

Tgt Ion: 65 Resp: 163328

Ion Ratio Lower Upper

65 100

67 54.2 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

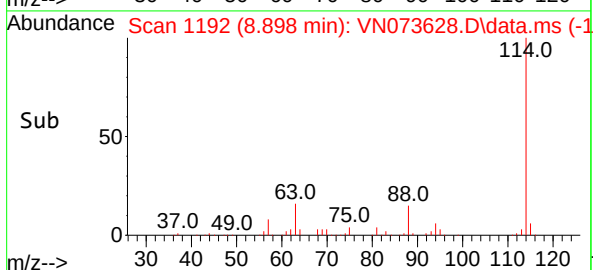
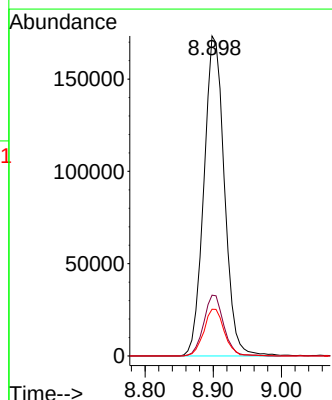
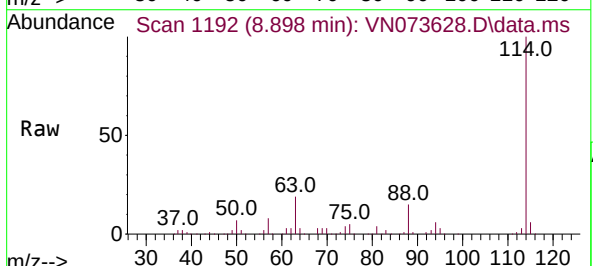
Tgt Ion: 114 Resp: 362757

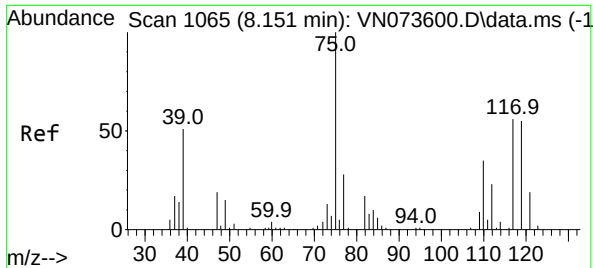
Ion Ratio Lower Upper

114 100

63 18.5 15.8 23.6

88 14.5 11.6 17.4

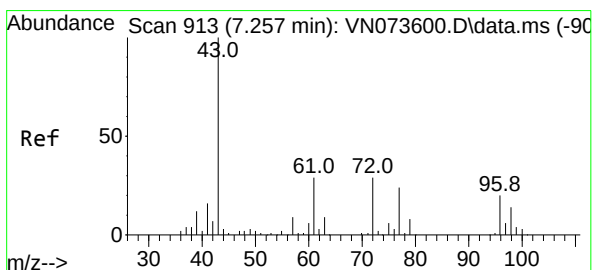
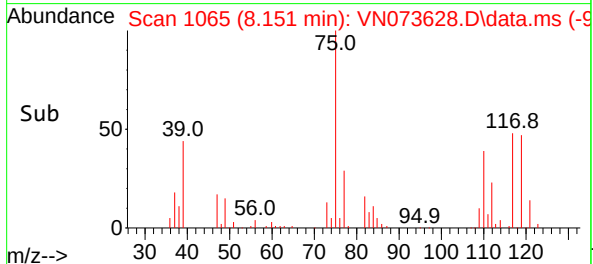
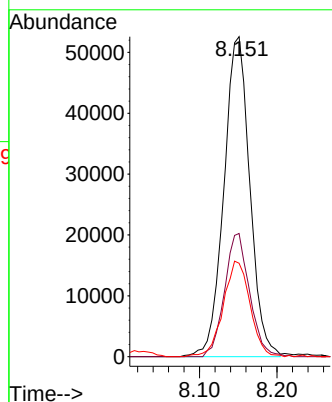
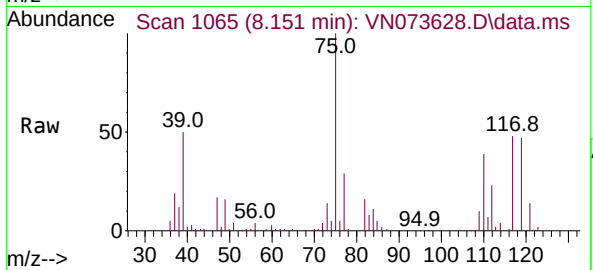




#29
1,1-Dichloropropene
Concen: 18.082 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

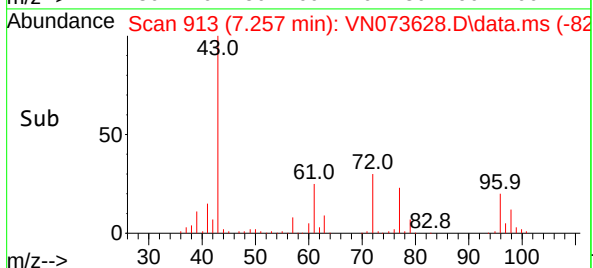
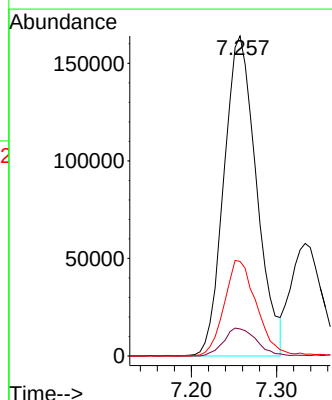
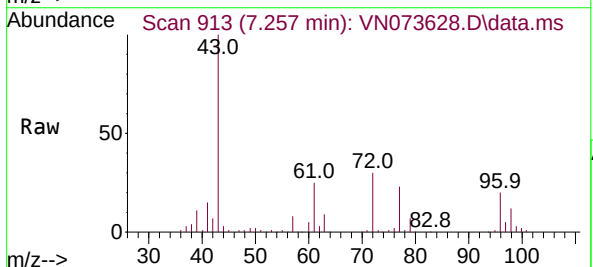
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

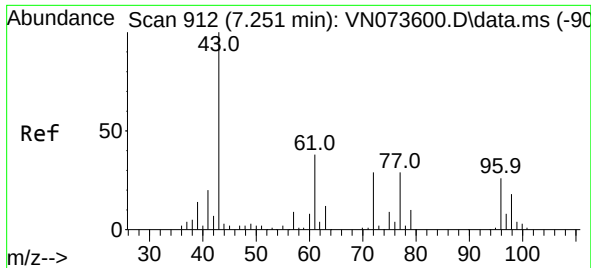
Tgt Ion: 75 Resp: 122561
Ion Ratio Lower Upper
75 100
110 37.1 0.0 74.2
77 30.7 0.0 63.2



#30
2-Butanone
Concen: 93.150 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 43 Resp: 436463
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 29.5 23.2 34.8

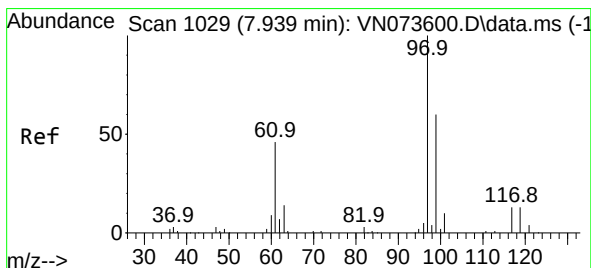
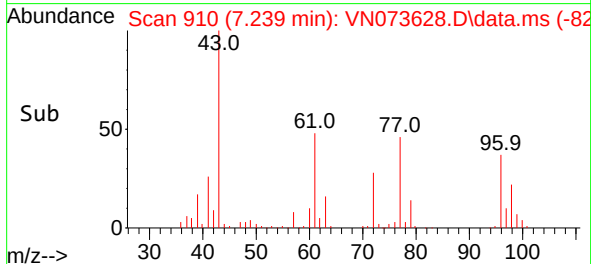
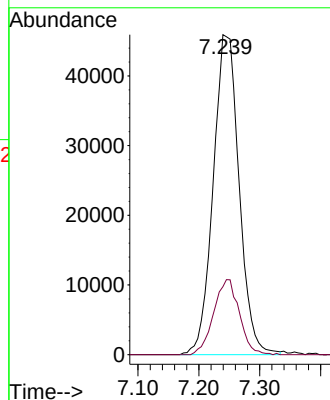
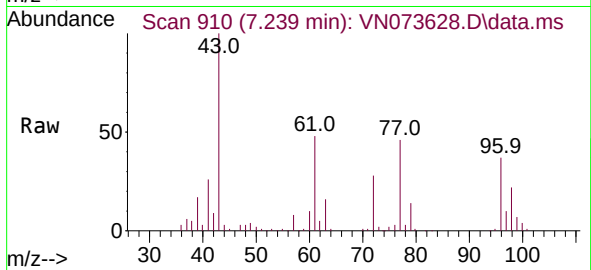




#31
2,2-Dichloropropane
Concen: 19.205 ug/l
RT: 7.239 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

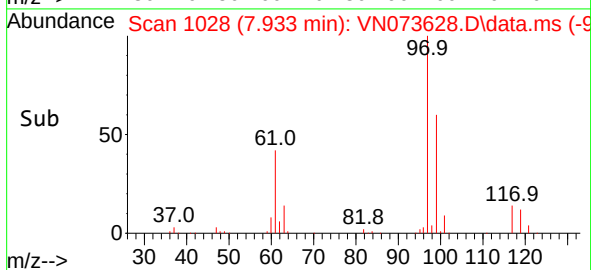
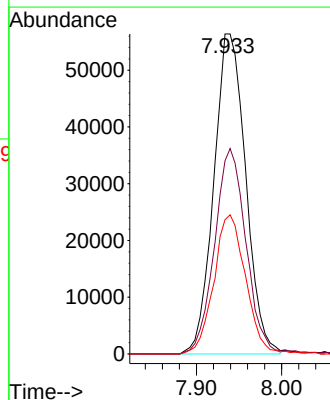
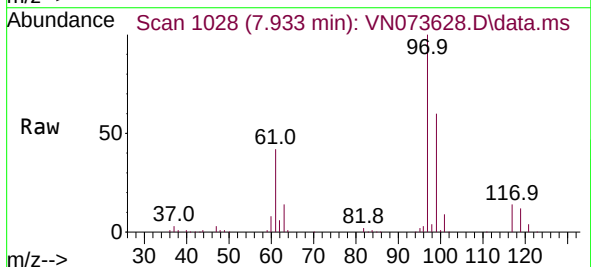
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

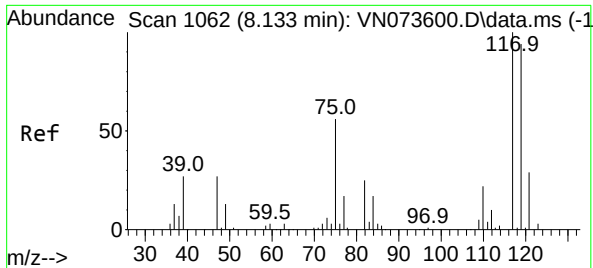
Tgt Ion: 77 Resp: 135828
Ion Ratio Lower Upper
77 100
97 23.2 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 18.661 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 97 Resp: 146398
Ion Ratio Lower Upper
97 100
99 63.1 50.4 75.6
61 43.2 34.6 51.8

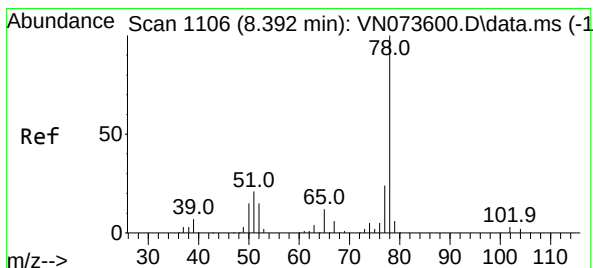
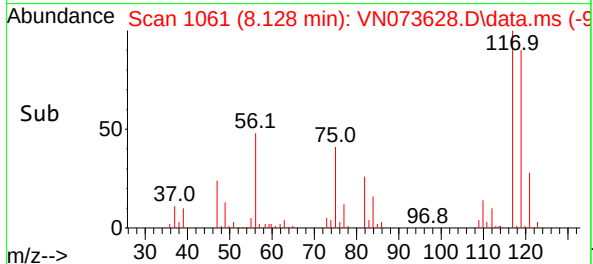
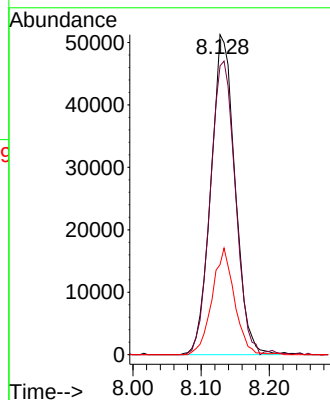
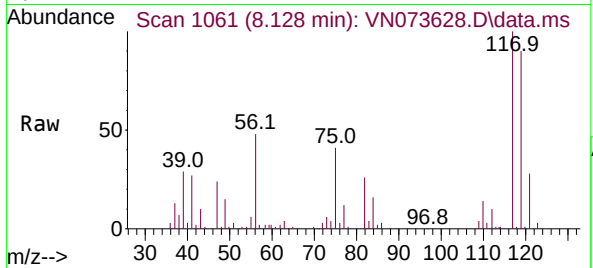




#33
Carbon Tetrachloride
Concen: 18.812 ug/l
RT: 8.128 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

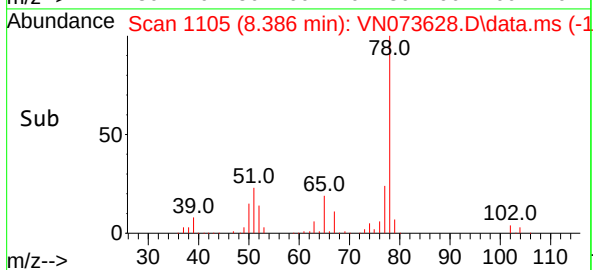
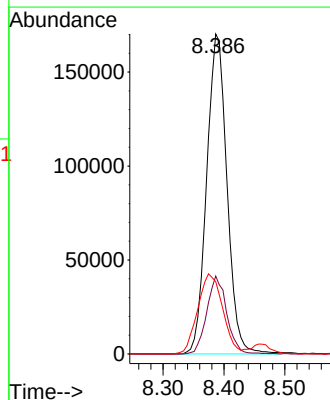
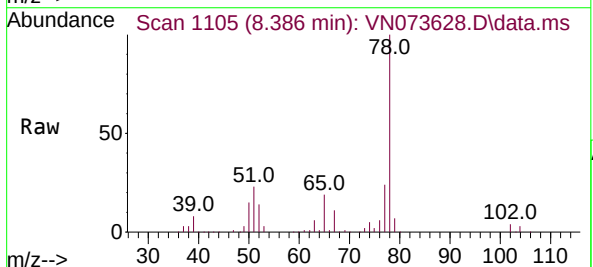
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

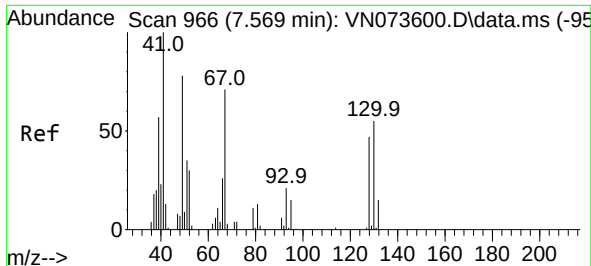
Tgt Ion:117 Resp: 126555
Ion Ratio Lower Upper
117 100
119 90.3 77.5 116.3
121 28.2 23.5 35.3



#34
Benzene
Concen: 18.002 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 78 Resp: 394851
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7
51 22.2 16.0 24.0

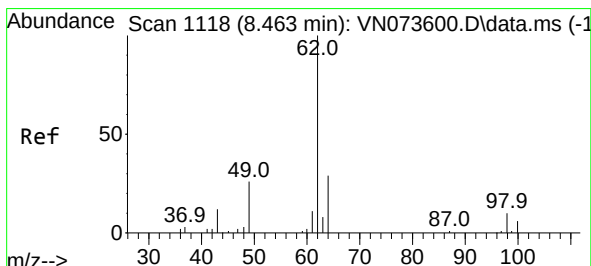
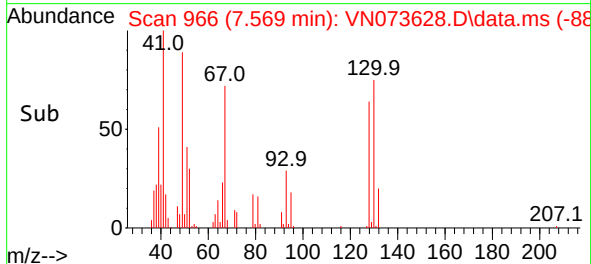
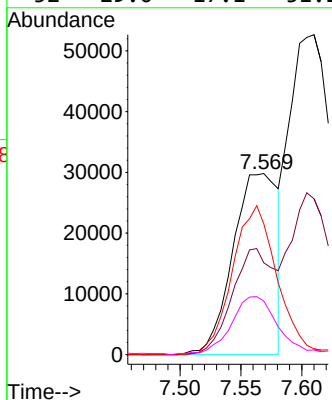
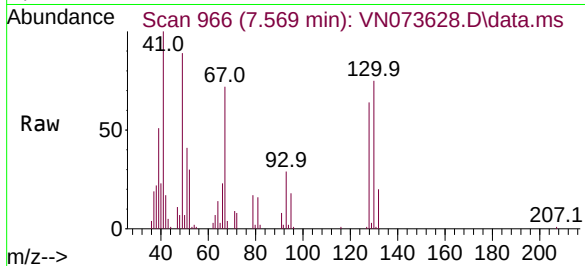




#35
Methacrylonitrile
Concen: 20.082 ug/l
RT: 7.569 min Scan# 966
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

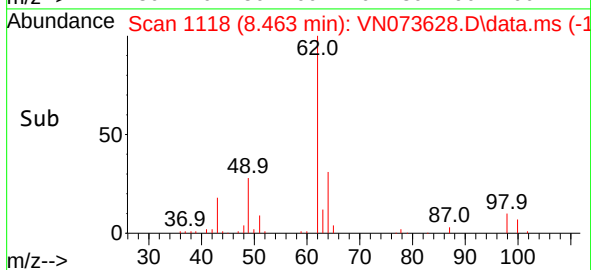
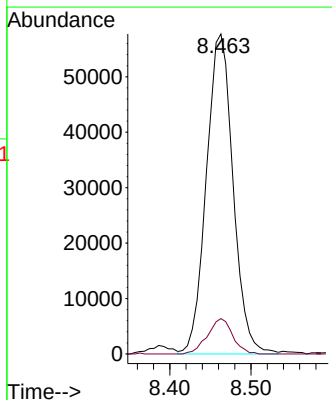
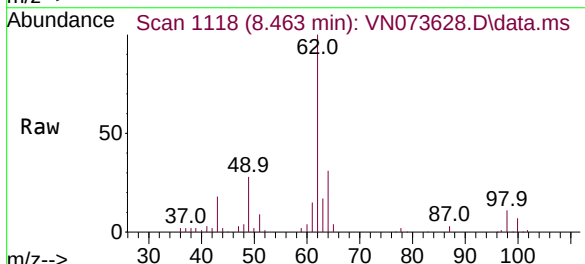
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

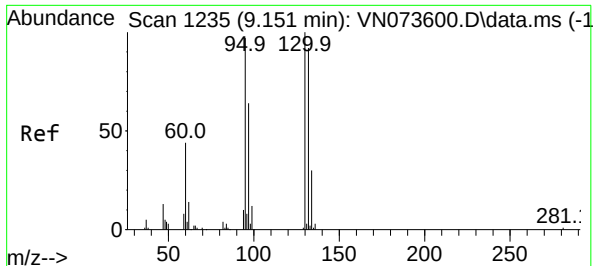
Tgt Ion:	41	Resp:	76383
Ion Ratio	Lower	Upper	
41	100		
39	50.7	28.0	83.9
67	72.3	37.7	113.1
52	29.0	17.1	51.2



#36
1,2-Dichloroethane
Concen: 18.282 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion:	62	Resp:	132227
Ion Ratio	Lower	Upper	
62	100		
98	10.3	6.6	10.0#





#37

Trichloroethene

Concen: 18.979 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

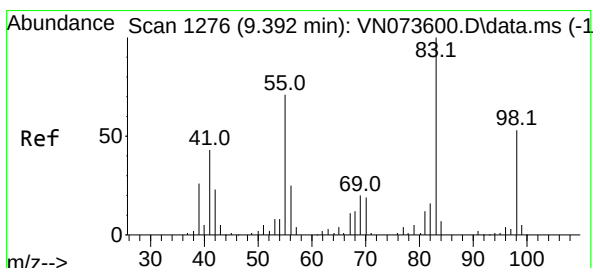
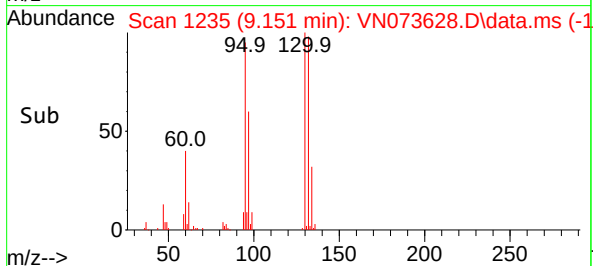
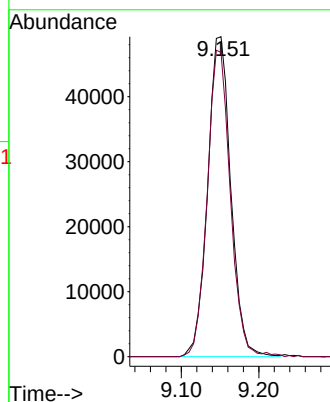
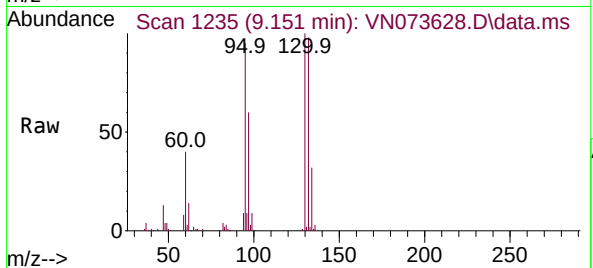
VSTDCCC020

Tgt Ion:130 Resp: 102412

Ion Ratio Lower Upper

130 100

95 95.1 76.6 115.0



#38

Methylcyclohexane

Concen: 18.425 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

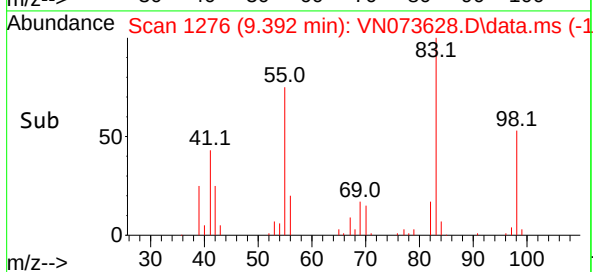
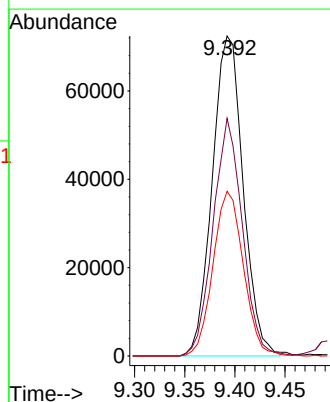
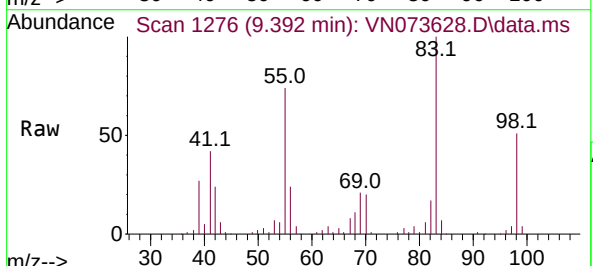
Tgt Ion: 83 Resp: 155031

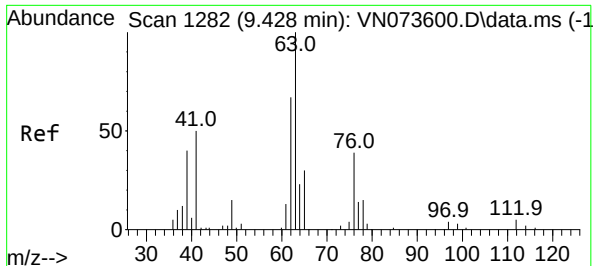
Ion Ratio Lower Upper

83 100

55 70.2 35.1 105.3

98 50.6 23.4 70.2





#39

1,2-Dichloropropane

Concen: 17.432 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

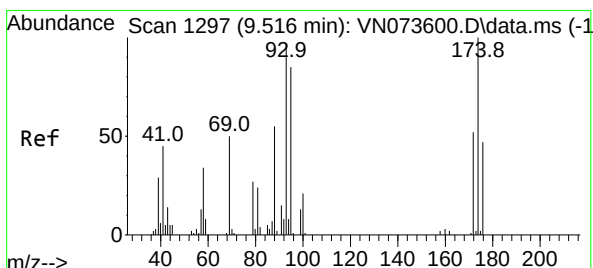
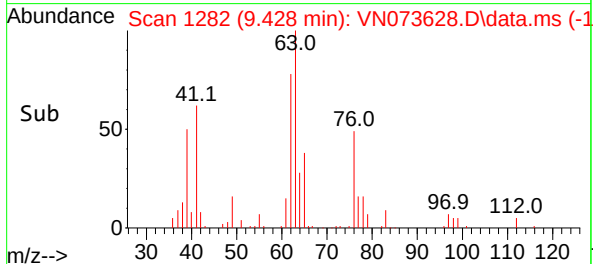
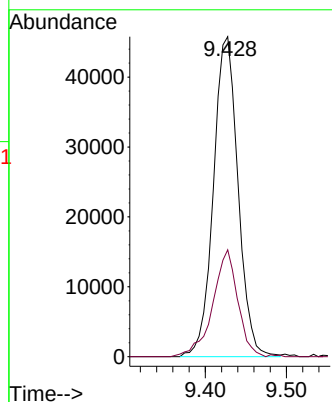
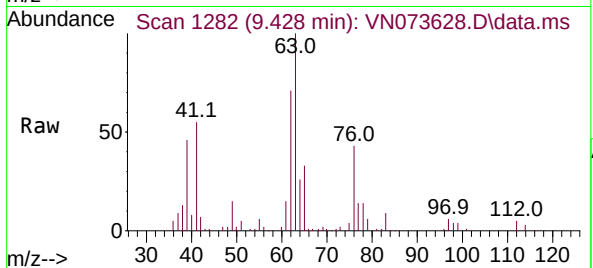
VSTDCCC020

Tgt Ion: 63 Resp: 96460

Ion Ratio Lower Upper

63 100

65 32.9 24.2 36.4



#40

Dibromomethane

Concen: 18.536 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

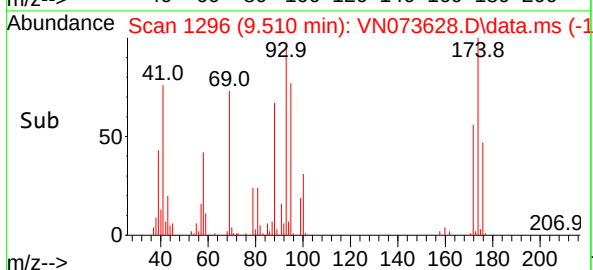
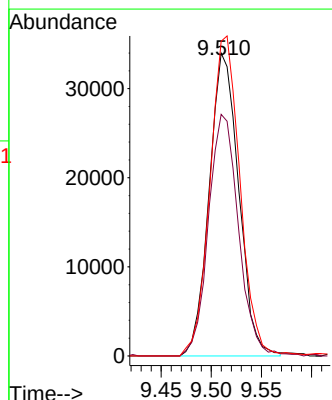
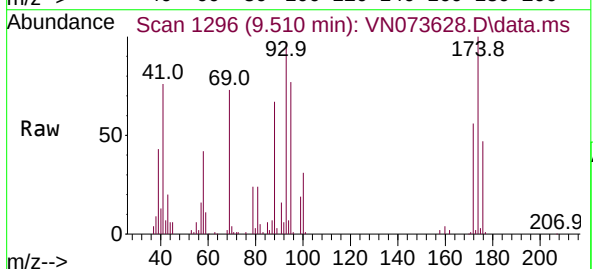
Tgt Ion: 93 Resp: 69598

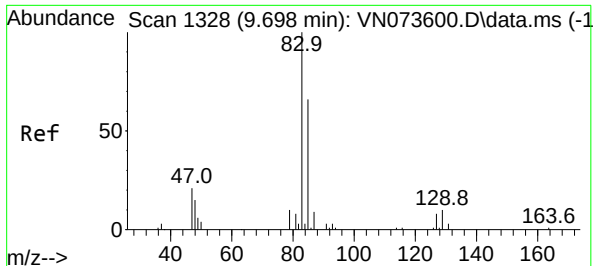
Ion Ratio Lower Upper

93 100

95 81.1 0.0 168.8

174 106.7 0.0 173.6

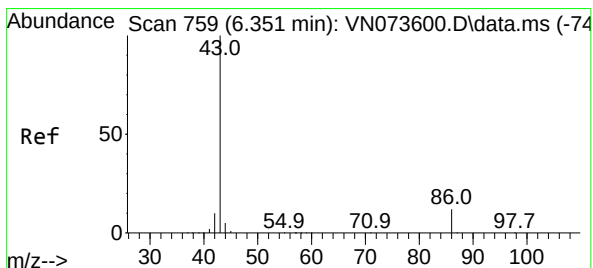
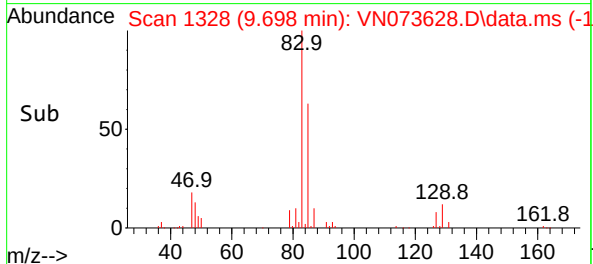
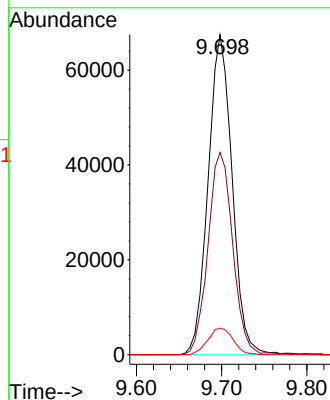
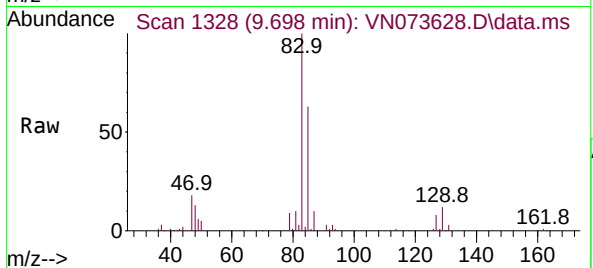




#41
Bromodichloromethane
Concen: 17.957 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

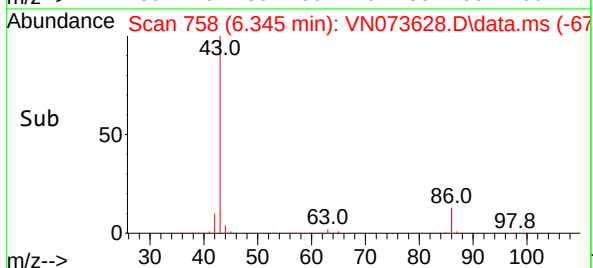
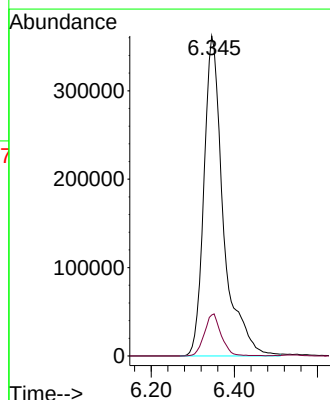
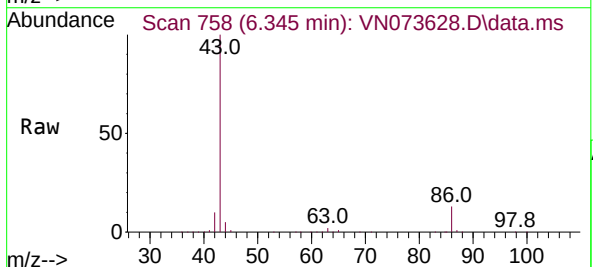
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

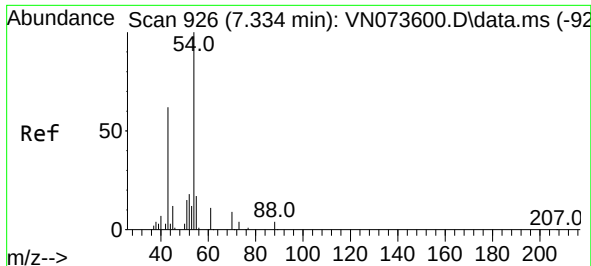
Tgt Ion: 83 Resp: 131985
Ion Ratio Lower Upper
83 100
85 63.2 54.1 81.1
127 8.3 7.6 11.4



#42
Vinyl Acetate
Concen: 87.120 ug/l
RT: 6.345 min Scan# 758
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 43 Resp: 1176270
Ion Ratio Lower Upper
43 100
86 11.3 7.5 11.3#

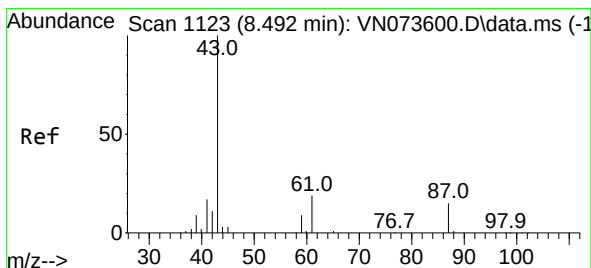
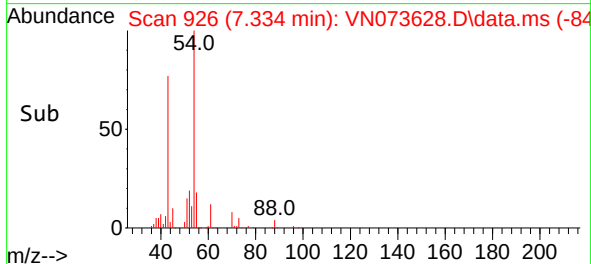
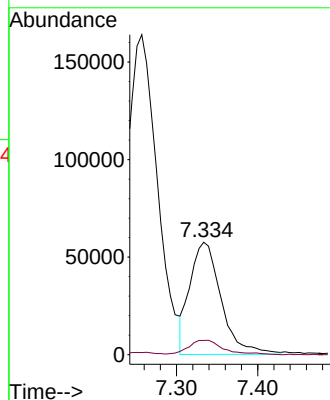
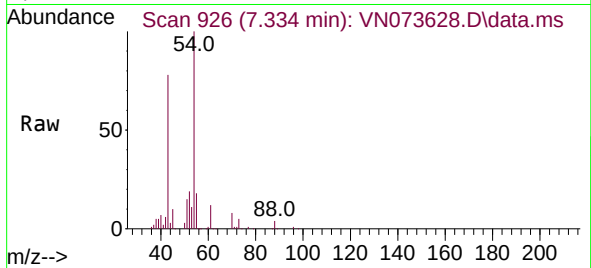




#43
Ethyl Acetate
Concen: 17.259 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

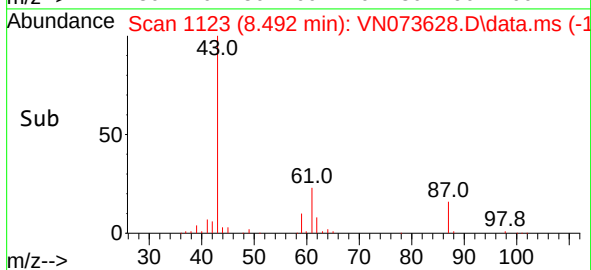
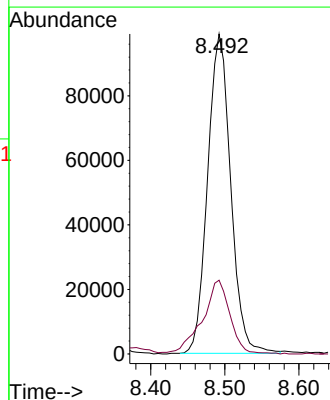
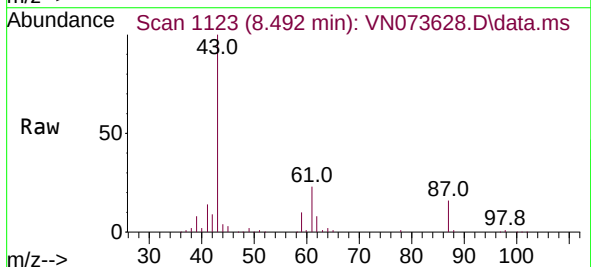
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

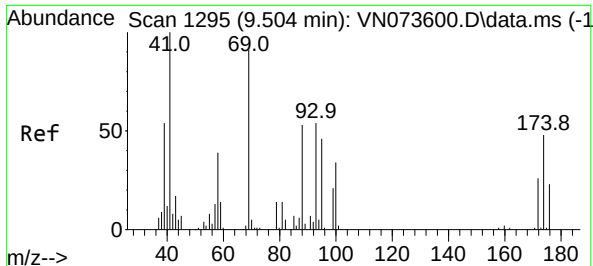
Tgt Ion: 43 Resp: 153517
Ion Ratio Lower Upper
43 100
45 12.3 10.6 16.0



#44
Isopropyl Acetate
Concen: 17.284 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 43 Resp: 213801
Ion Ratio Lower Upper
43 100
61 27.6 20.1 30.1

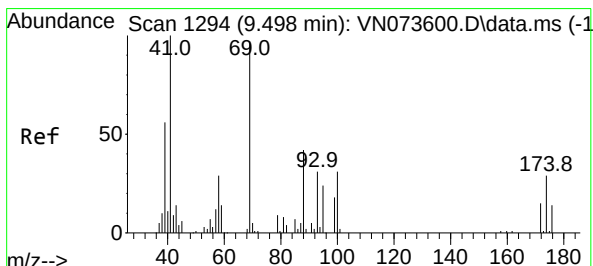
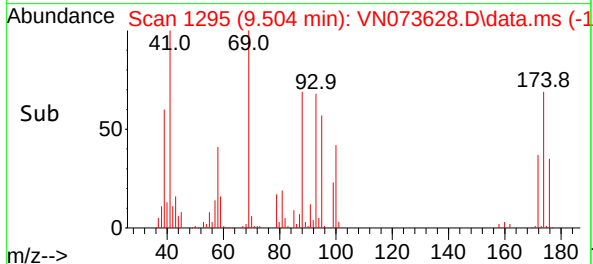
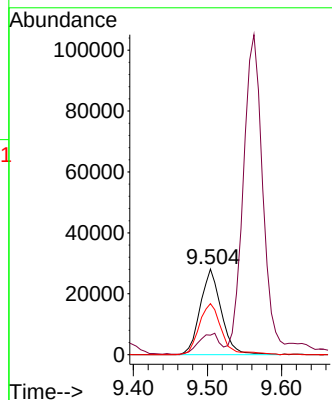
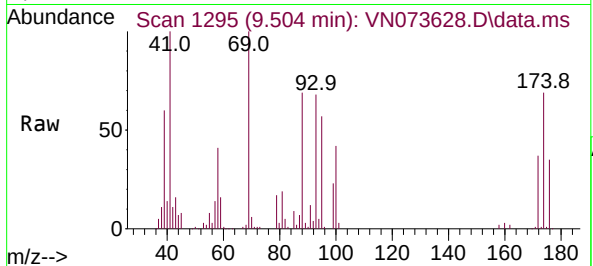




#45
1,4-Dioxane
Concen: 376.167 ug/l
RT: 9.504 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

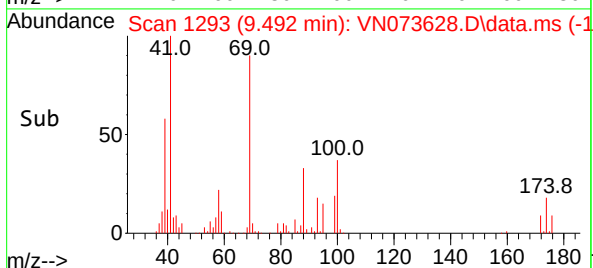
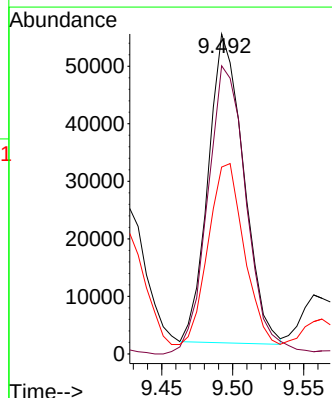
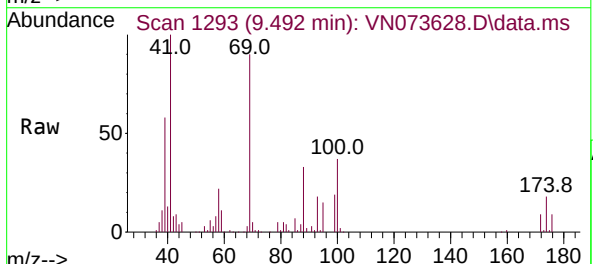
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

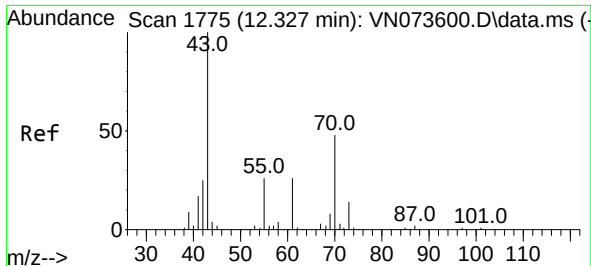
Tgt Ion: 88 Resp: 55483
Ion Ratio Lower Upper
88 100
43 23.6 25.0 37.6#
58 60.5 49.4 74.2



#46
Methyl methacrylate
Concen: 16.817 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 41 Resp: 93026
Ion Ratio Lower Upper
41 100
69 91.4 44.4 133.2
39 57.7 39.9 119.6

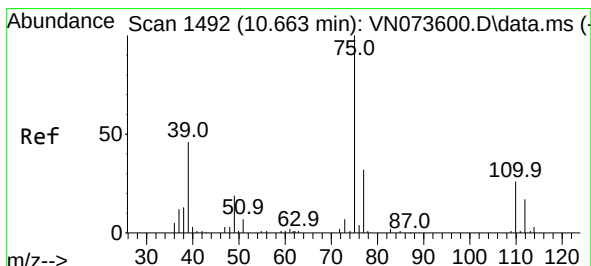
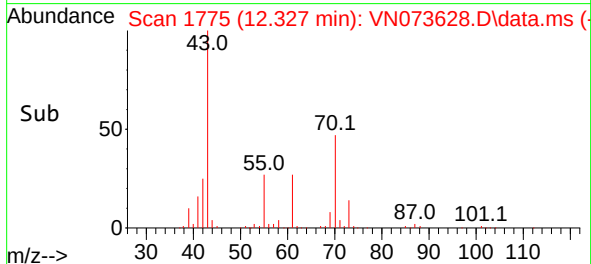
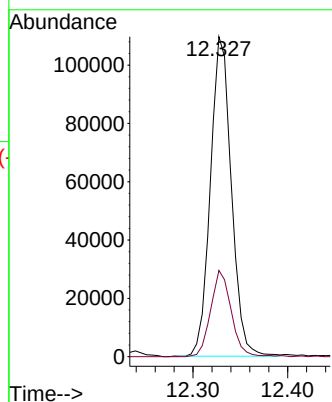
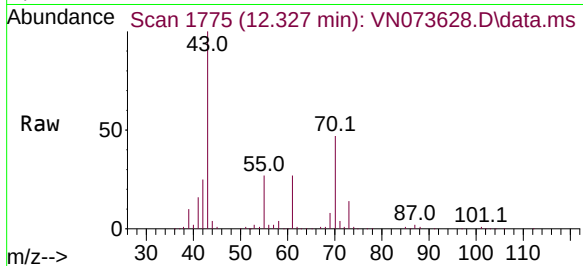




#47
n-amyl acetate
Concen: 17.089 ug/l
RT: 12.327 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

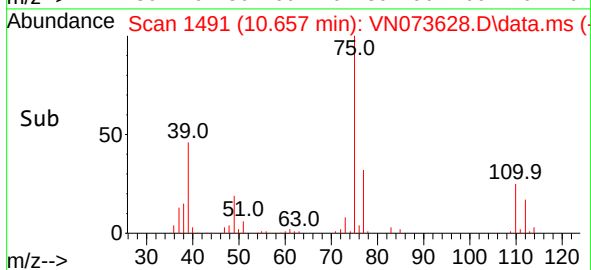
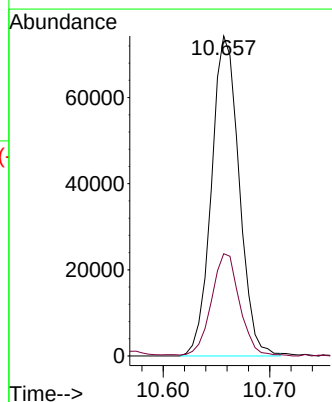
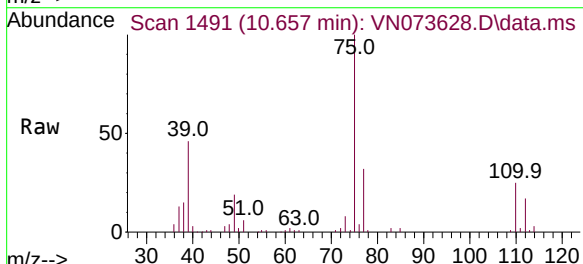
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

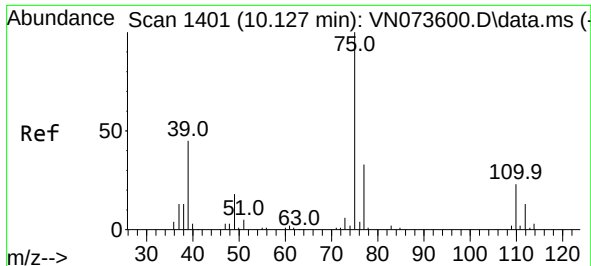
Tgt Ion: 43 Resp: 168525
Ion Ratio Lower Upper
43 100
55 26.3 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 17.730 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 75 Resp: 134163
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.204 ug/l

RT: 10.127 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

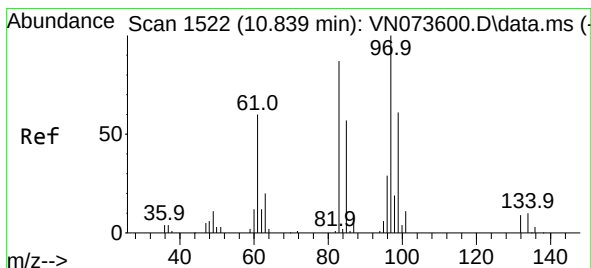
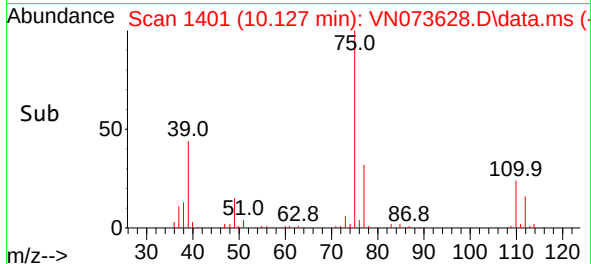
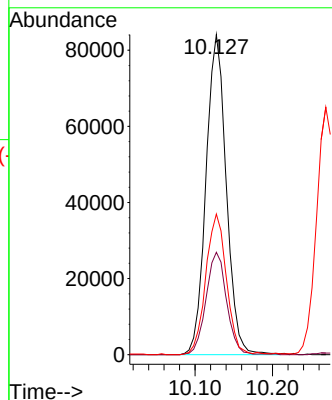
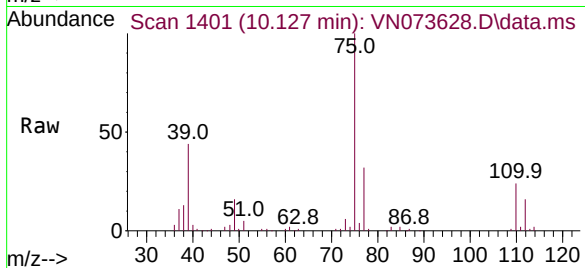
Tgt Ion: 75 Resp: 152943

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 44.0 46.2 69.4#



#50

1,1,2-Trichloroethane

Concen: 18.538 ug/l

RT: 10.839 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

Tgt Ion: 97 Resp: 104428

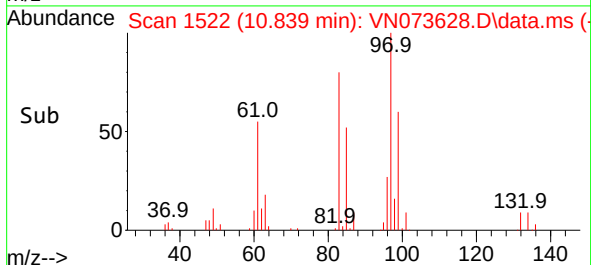
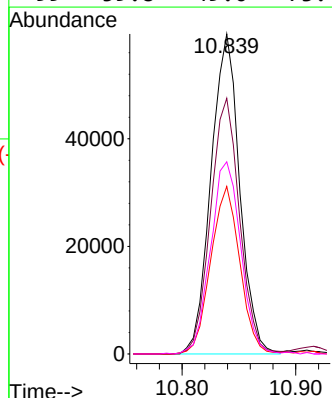
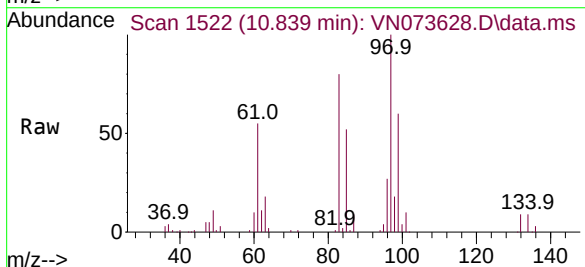
Ion Ratio Lower Upper

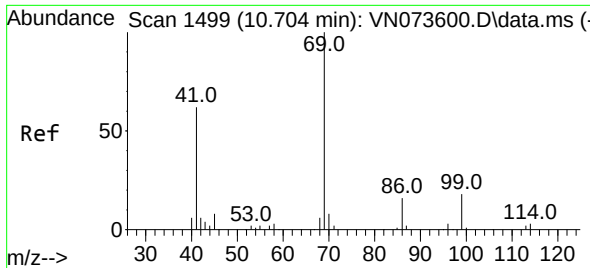
97 100

83 79.5 67.2 100.8

85 52.1 43.0 64.4

99 59.8 49.0 73.4

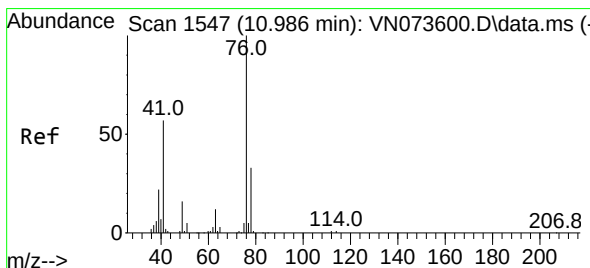
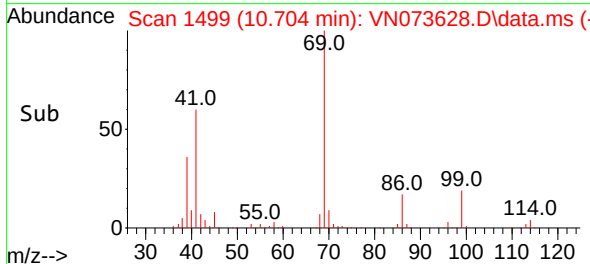
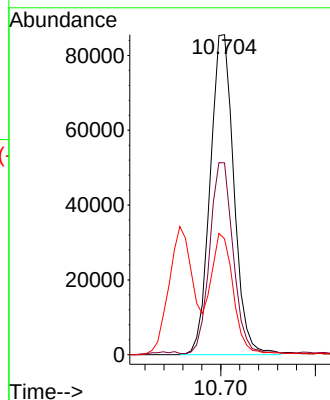
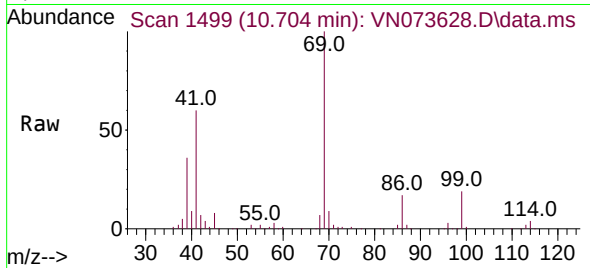




#51
Ethyl methacrylate
Concen: 17.590 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

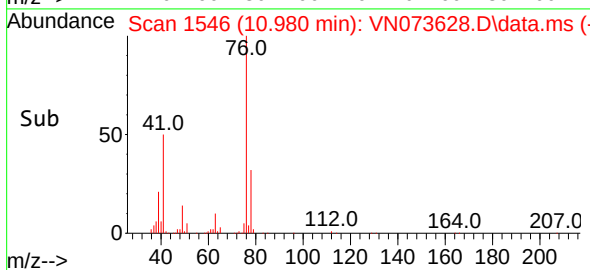
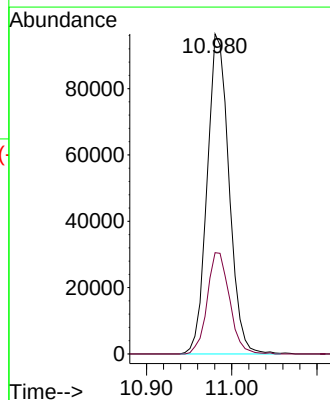
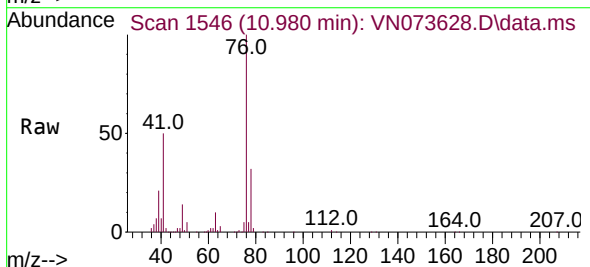
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

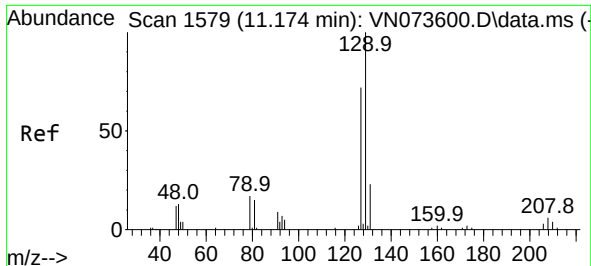
Tgt Ion: 69 Resp: 148965
Ion Ratio Lower Upper
69 100
41 59.6 33.0 98.9
39 35.6 25.4 76.4



#52
1,3-Dichloropropane
Concen: 18.099 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 76 Resp: 171850
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4

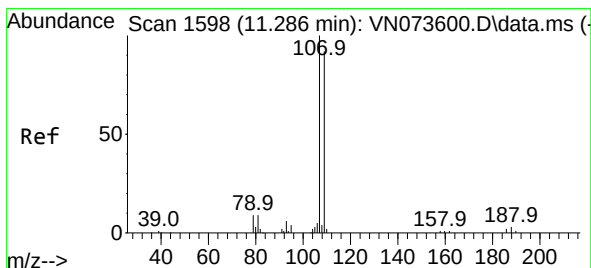
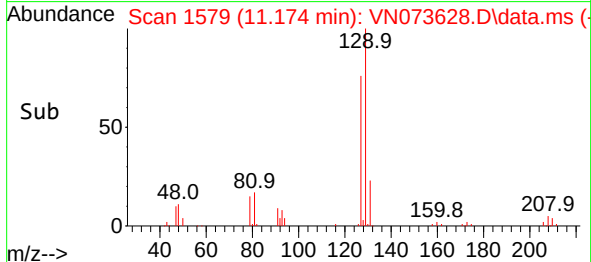
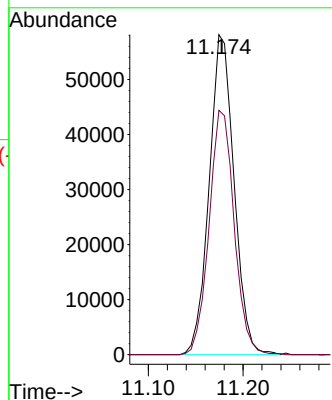
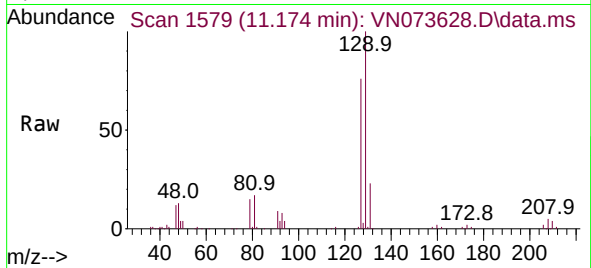




#53
Dibromochloromethane
Concen: 18.572 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

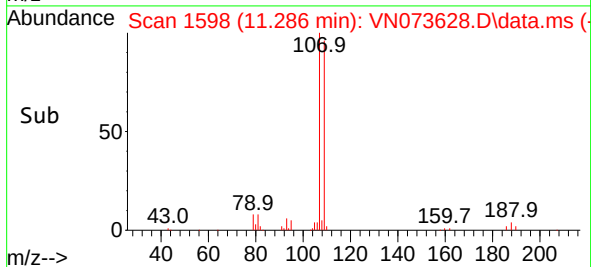
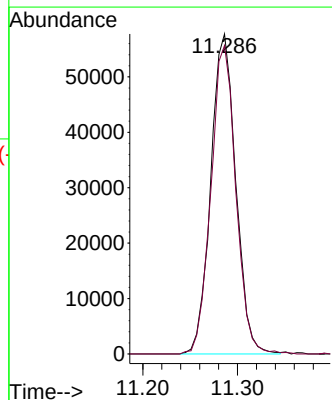
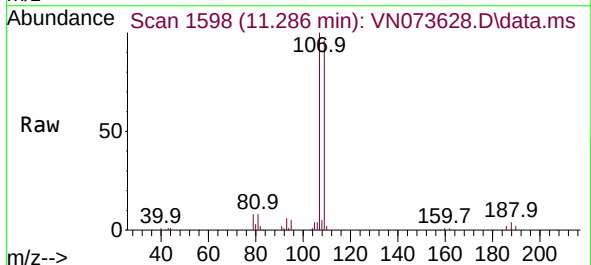
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VSTDCCC020

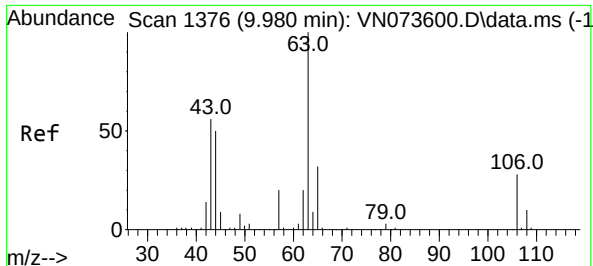
Tgt Ion:129 Resp: 106023
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0



#54
1,2-Dibromoethane
Concen: 18.438 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion:107 Resp: 105845
Ion Ratio Lower Upper
107 100
109 96.1 72.8 109.2

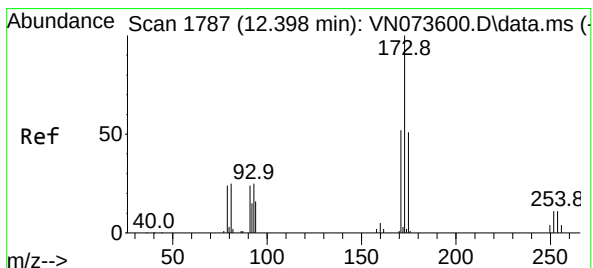
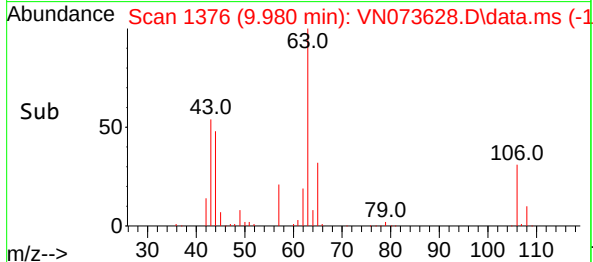
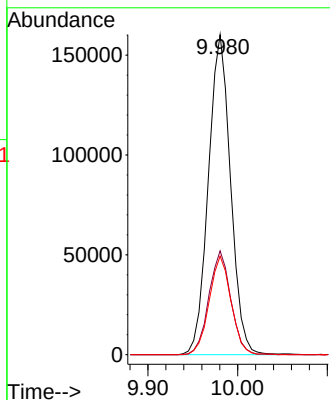
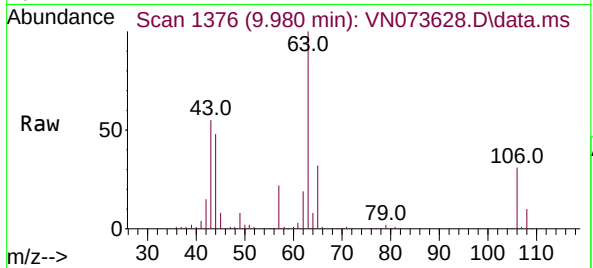




#55
2-Chloroethyl vinyl ether
Concen: 72.418 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

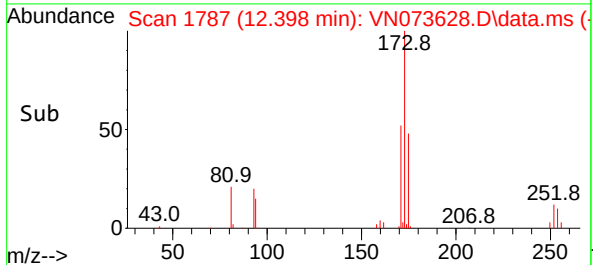
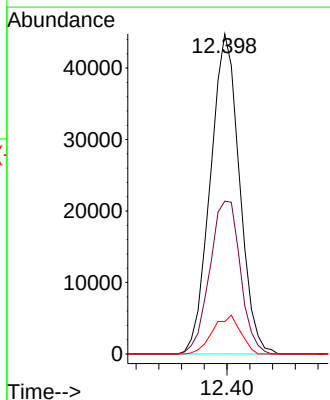
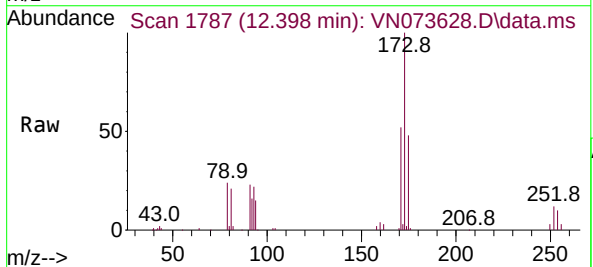
Instrument :
MSVOA_N
ClientSampleId :
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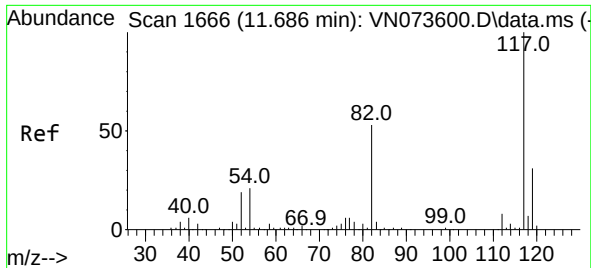
Tgt Ion: 63 Resp: 275074
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 30.2 23.2 34.8



#56
Bromoform
Concen: 17.737 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion:173 Resp: 79572
Ion Ratio Lower Upper
173 100
175 50.4 38.6 58.0
254 11.6 0.0 0.0#

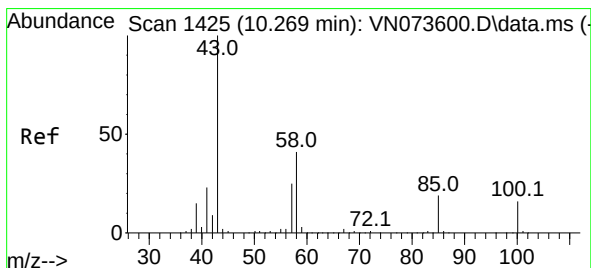
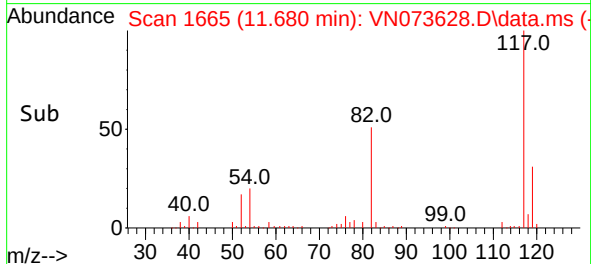
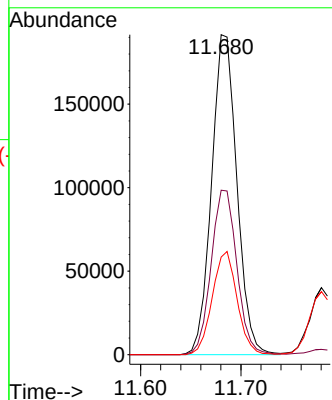
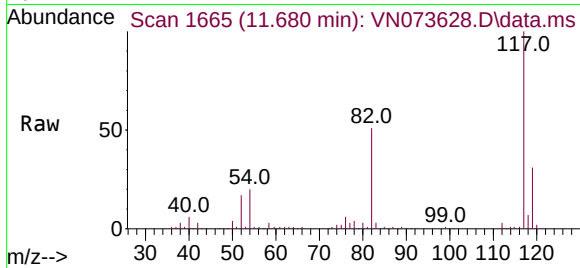




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

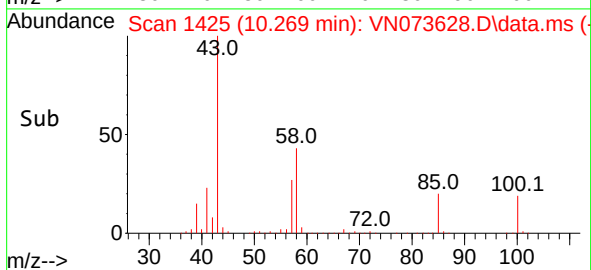
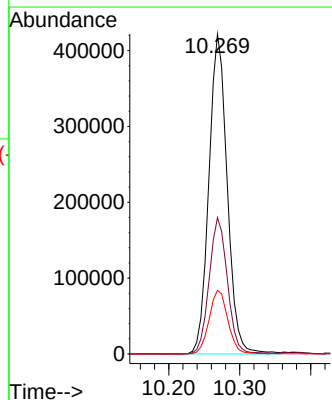
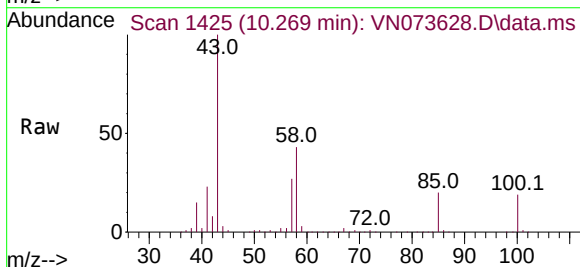
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MSVOA_N
ClientSampleId :
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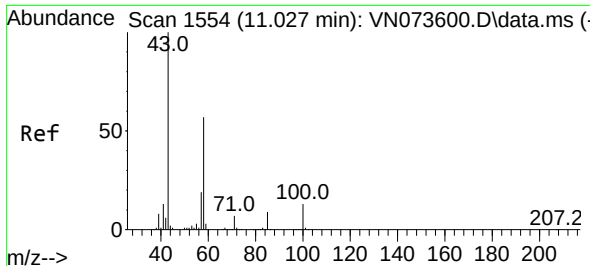
Tgt Ion:117 Resp: 335617
Ion Ratio Lower Upper
117 100
82 52.4 43.6 65.4
119 31.7 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 87.199 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 43 Resp: 756718
Ion Ratio Lower Upper
43 100
58 42.5 30.0 45.0
85 20.3 15.0 22.6

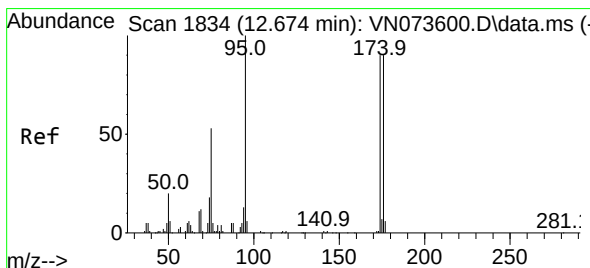
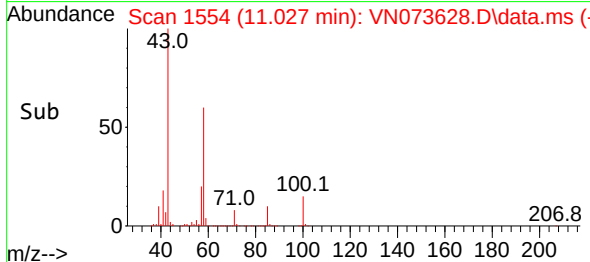
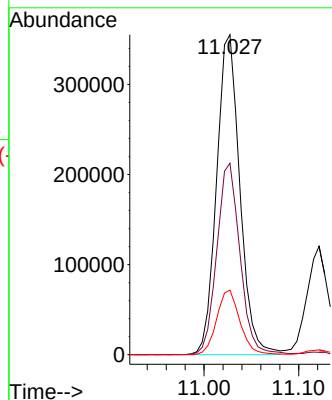
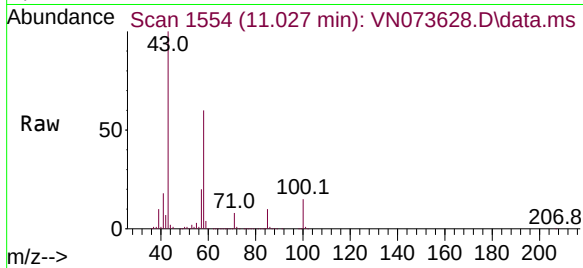




#59
2-Hexanone
Concen: 90.759 ug/l
RT: 11.027 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

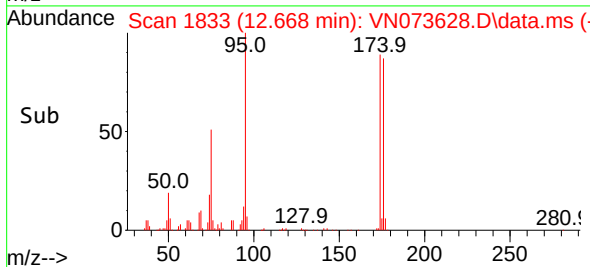
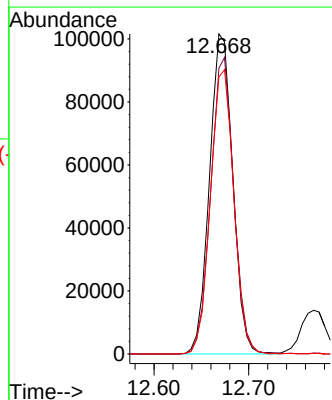
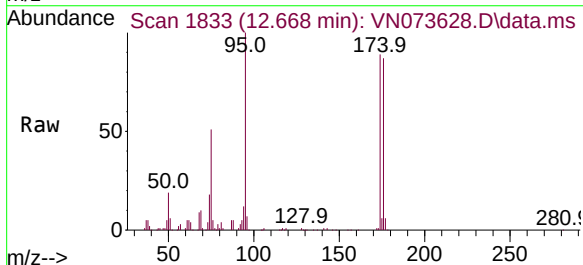
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

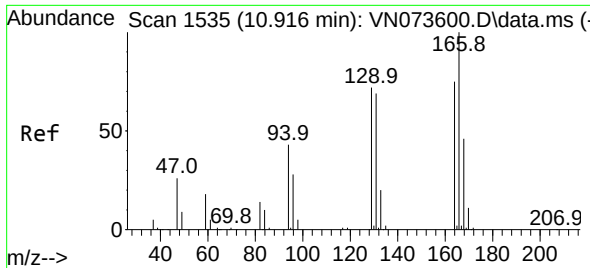
Tgt Ion: 43 Resp: 606651
Ion Ratio Lower Upper
43 100
58 59.8 42.2 63.2
57 20.3 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.254 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 95 Resp: 173847
Ion Ratio Lower Upper
95 100
174 91.5 62.9 94.3
176 89.0 61.0 91.4

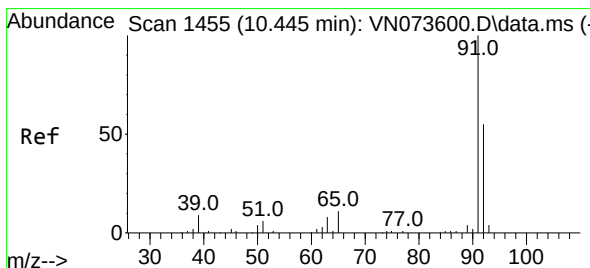
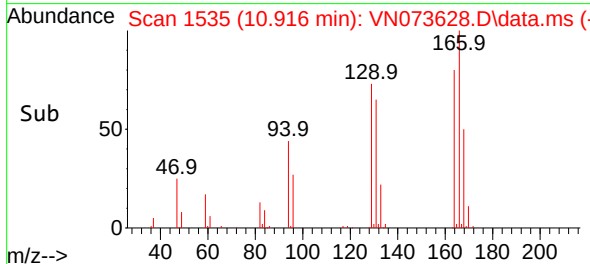
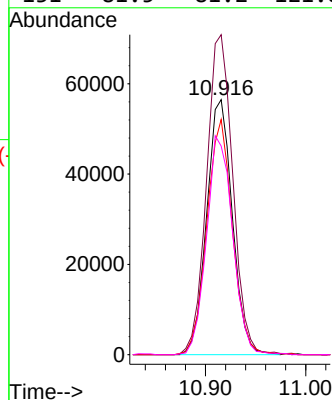
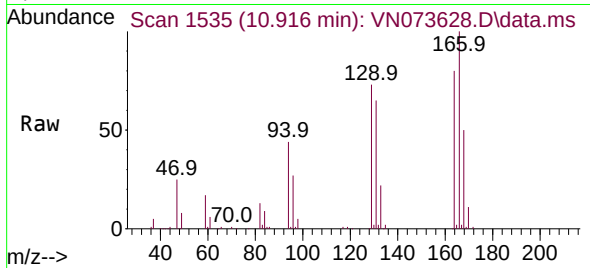




#61
Tetrachloroethene
Concen: 19.591 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

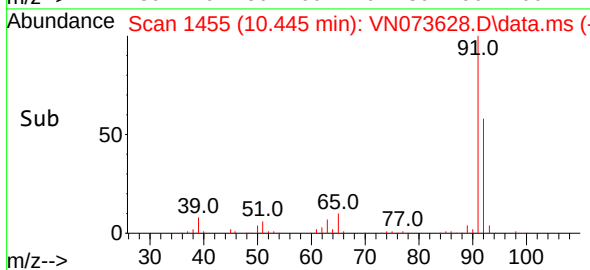
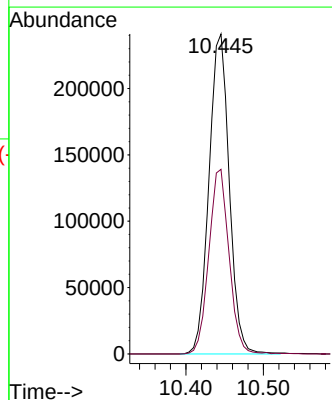
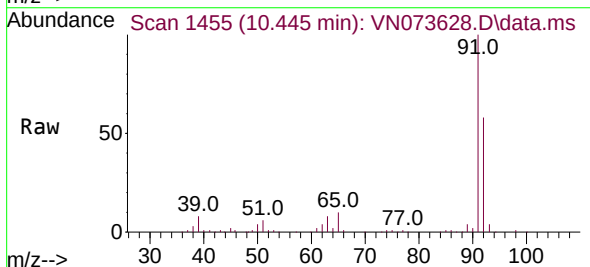
Instrument :
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ClientSampleId :
VSTDCCC020

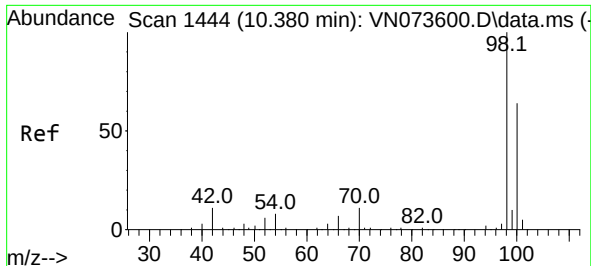
Tgt Ion:164 Resp: 100715
Ion Ratio Lower Upper
164 100
166 125.1 105.8 158.8
129 91.8 82.5 123.7
131 81.5 81.2 121.8



#62
Toluene
Concen: 18.770 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 91 Resp: 438070
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0

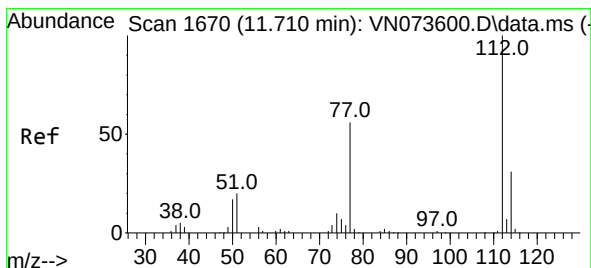
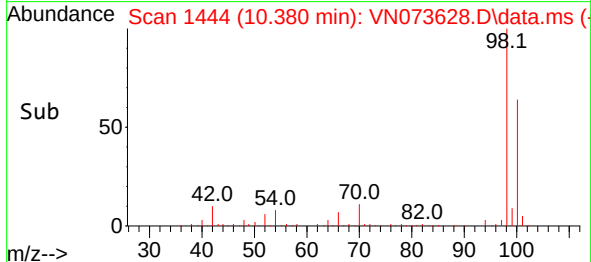
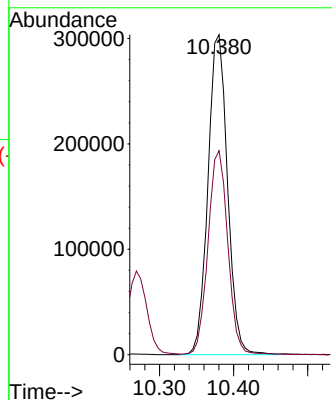
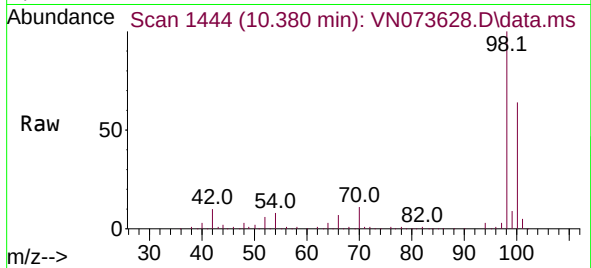




#63
Toluene-d8
Concen: 29.465 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

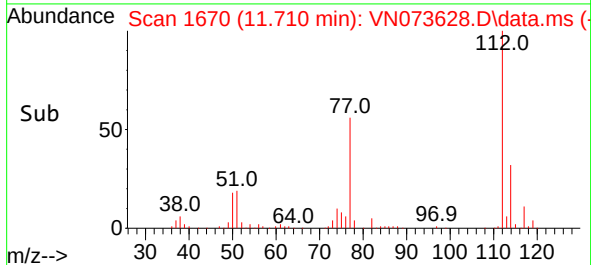
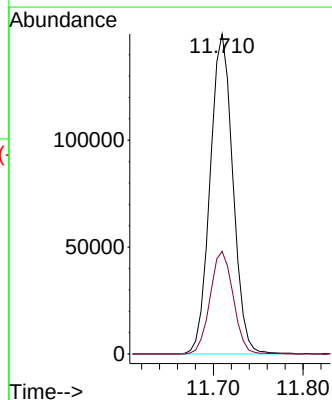
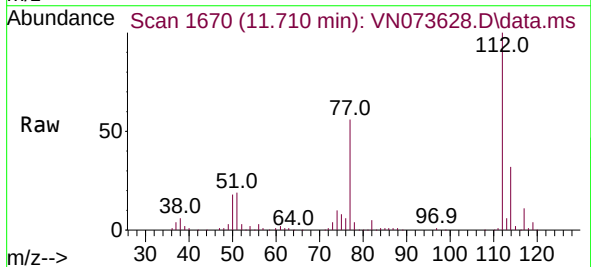
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

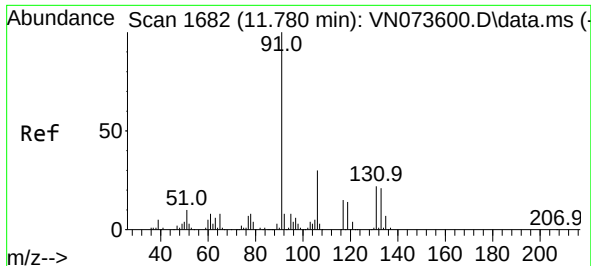
Tgt Ion: 98 Resp: 556834
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0



#64
Chlorobenzene
Concen: 18.906 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 112 Resp: 263643
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

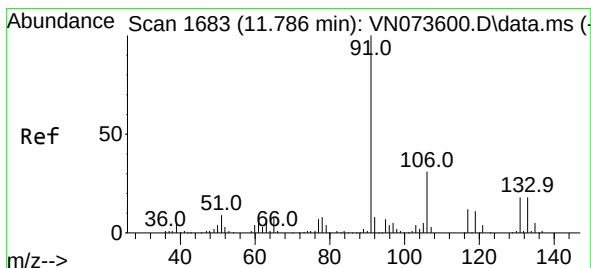
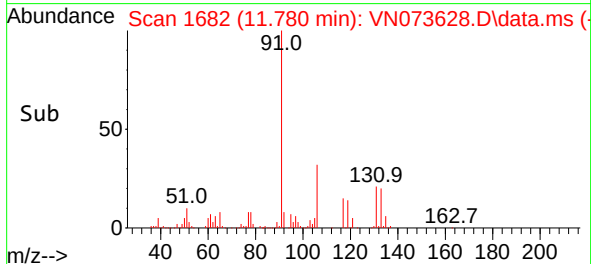
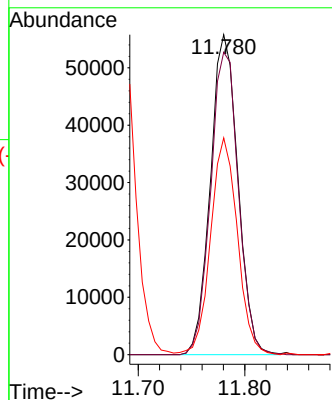
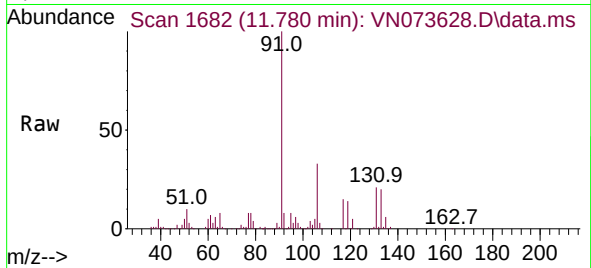




#65
1,1,1,2-Tetrachloroethane
Concen: 19.294 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

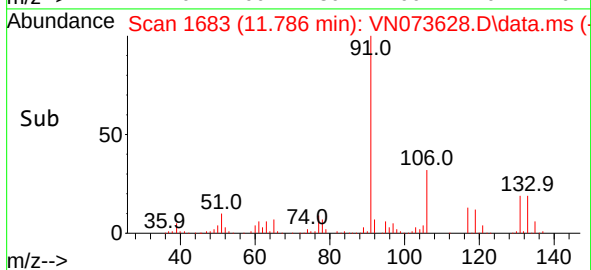
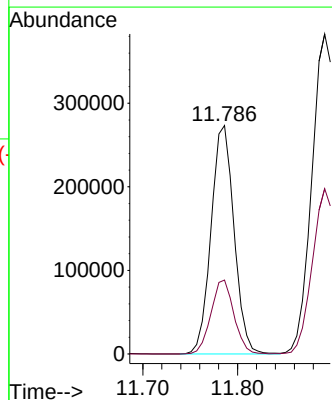
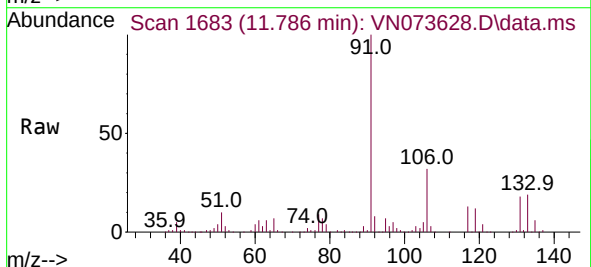
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

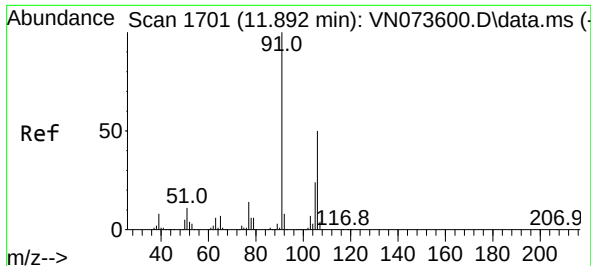
Tgt Ion:131 Resp: 99869
Ion Ratio Lower Upper
131 100
133 95.7 0.0 191.2
119 66.1 0.0 128.8



#66
Ethyl Benzene
Concen: 18.484 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 91 Resp: 461191
Ion Ratio Lower Upper
91 100
106 32.4 24.0 36.0

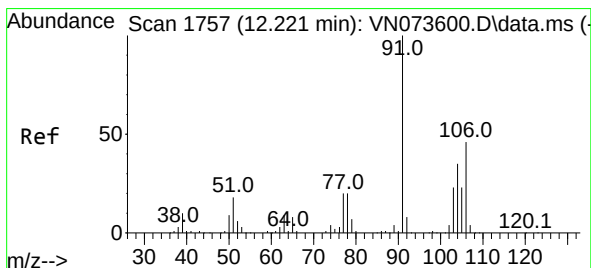
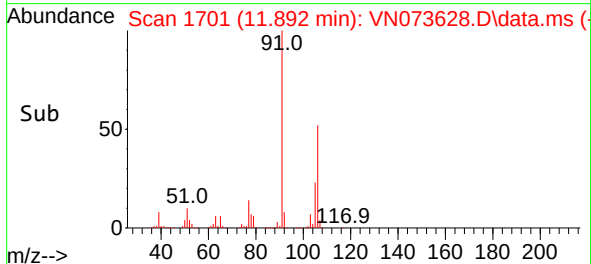
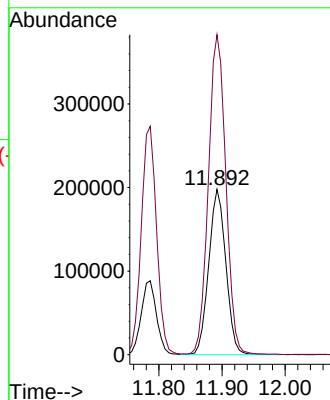
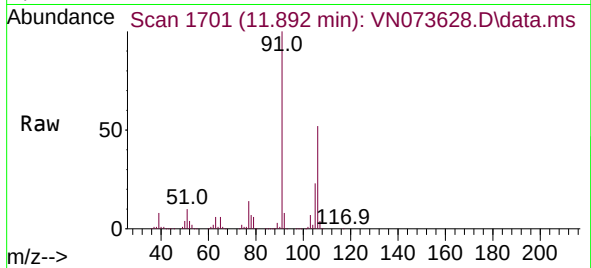




#67
m/p-Xylenes
Concen: 39.059 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

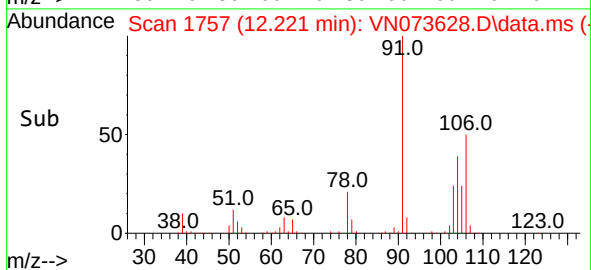
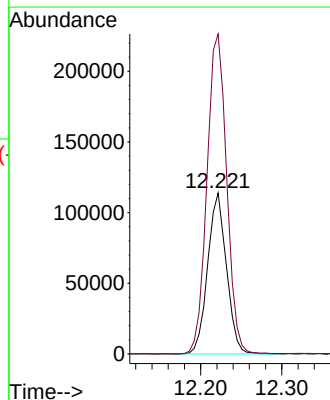
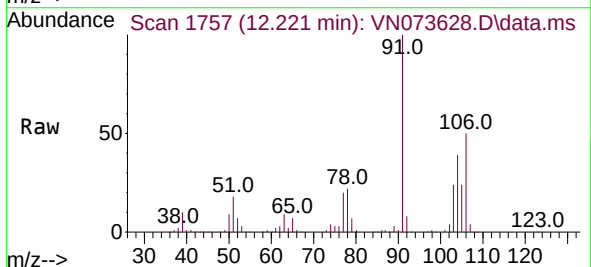
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

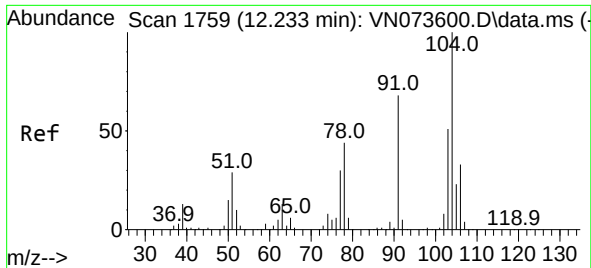
Tgt Ion:106 Resp: 372496
Ion Ratio Lower Upper
106 100
91 197.0 162.9 244.3



#68
o-Xylene
Concen: 19.298 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion:106 Resp: 182799
Ion Ratio Lower Upper
106 100
91 209.0 107.7 323.1

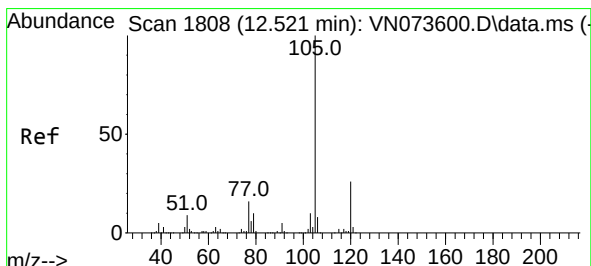
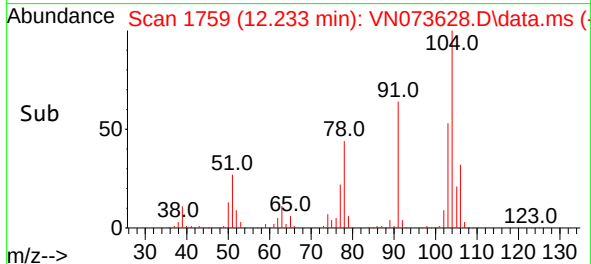
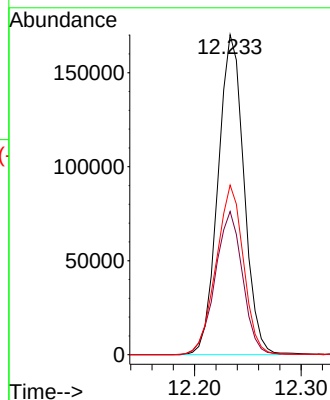
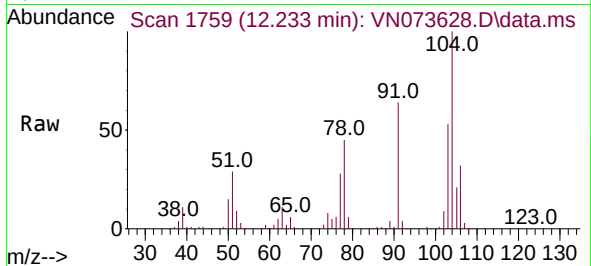




#69
Styrene
Concen: 18.413 ug/l
RT: 12.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

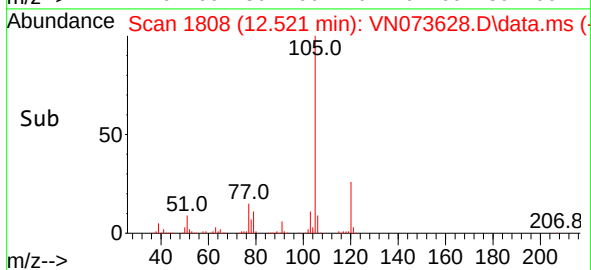
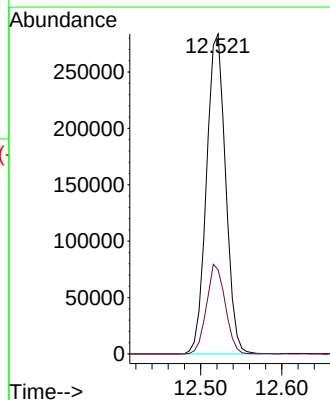
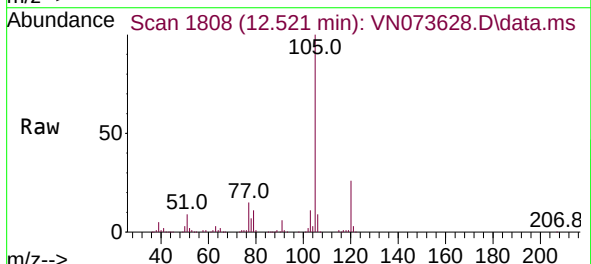
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

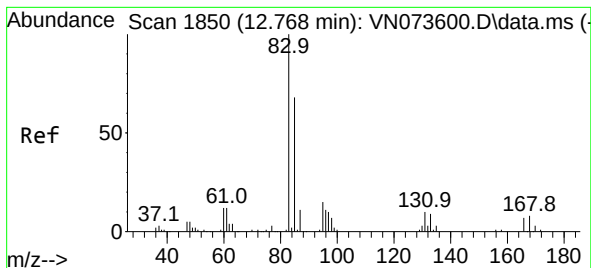
Tgt Ion:104 Resp: 287477
Ion Ratio Lower Upper
104 100
78 47.4 40.7 61.1
103 56.0 45.8 68.8



#70
Isopropylbenzene
Concen: 19.138 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion:105 Resp: 463479
Ion Ratio Lower Upper
105 100
120 27.4 18.3 34.1

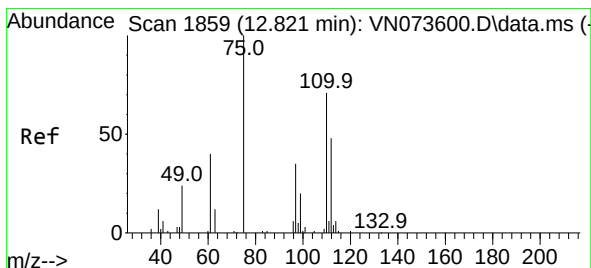
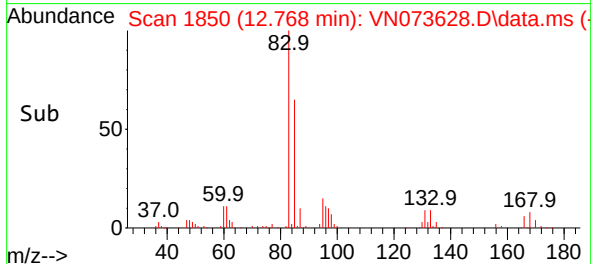
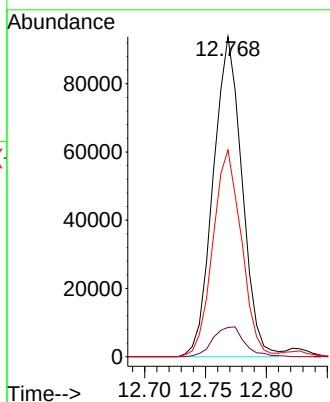
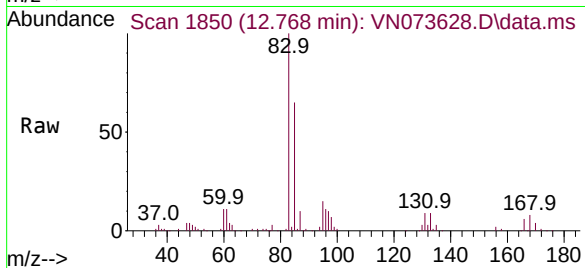




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.135 ug/l
 RT: 12.768 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VN073628.D
 Acq: 29 Jul 2022 11:29

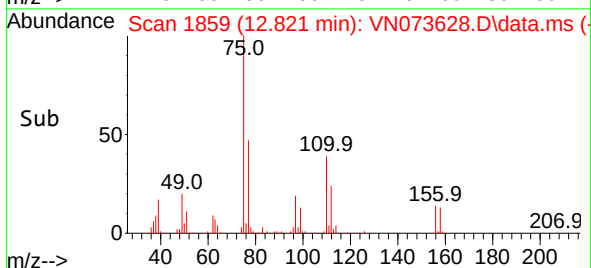
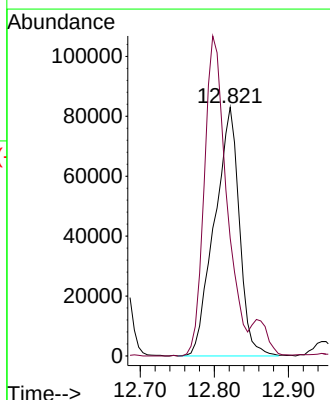
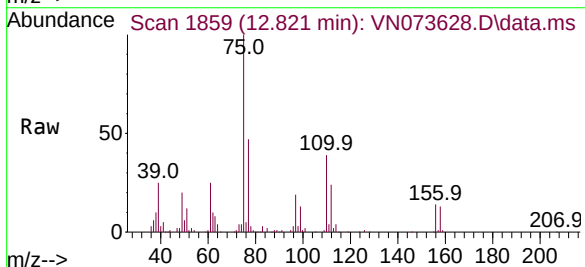
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

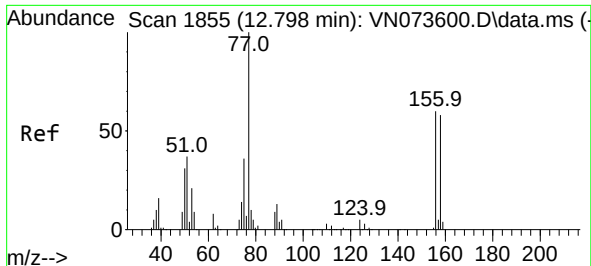
Tgt Ion: 83 Resp: 154430
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 64.1 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 27.140 ug/l
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VN073628.D
 Acq: 29 Jul 2022 11:29

Tgt Ion: 75 Resp: 193016
 Ion Ratio Lower Upper
 75 100
 77 116.2 0.0 378.0

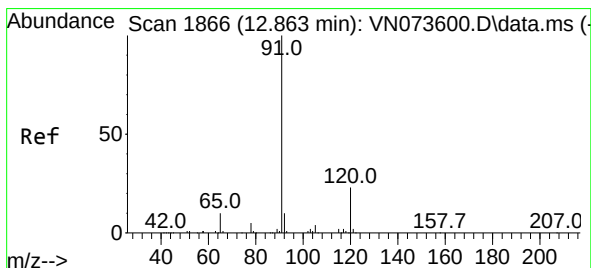
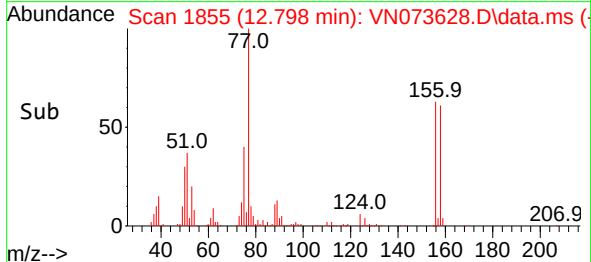
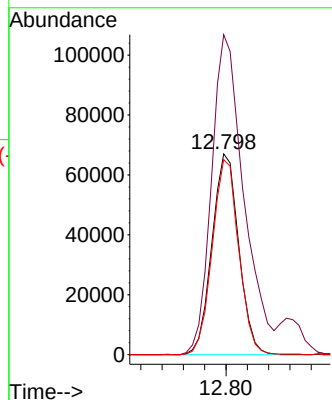
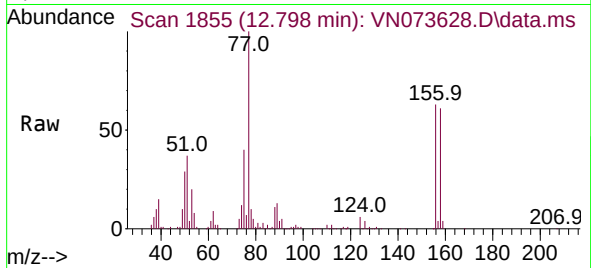




#73
Bromobenzene
Concen: 19.425 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

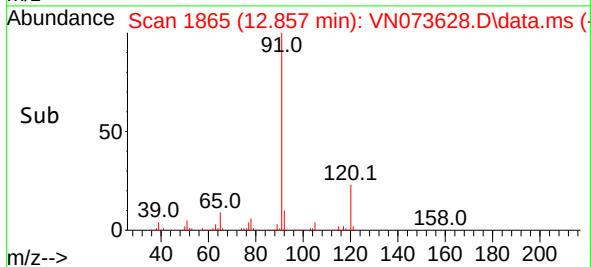
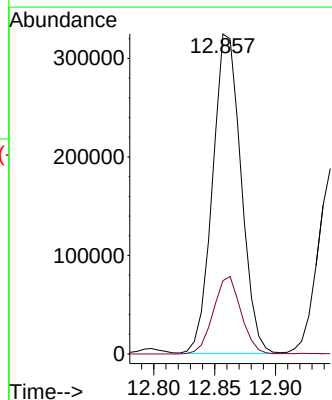
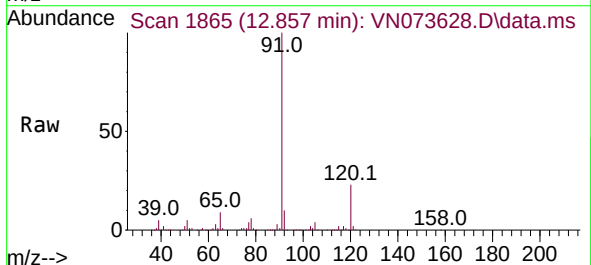
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

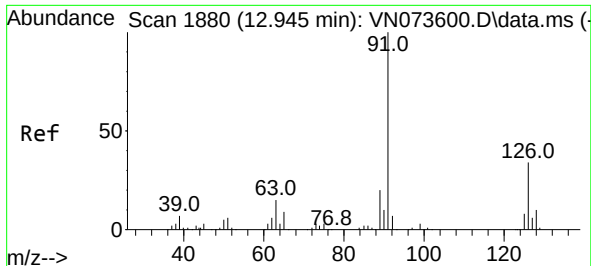
Tgt Ion:156 Resp: 116854
Ion Ratio Lower Upper
156 100
77 192.0 0.0 416.0
158 96.0 0.0 195.4



#74
n-propylbenzene
Concen: 18.705 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 91 Resp: 527177
Ion Ratio Lower Upper
91 100
120 23.5 0.0 45.0

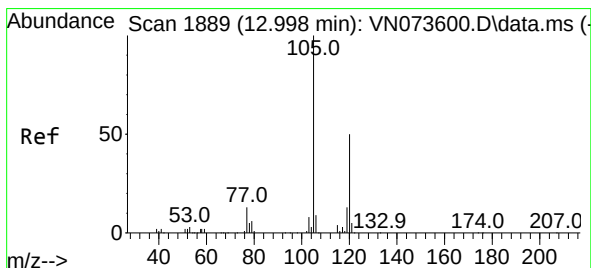
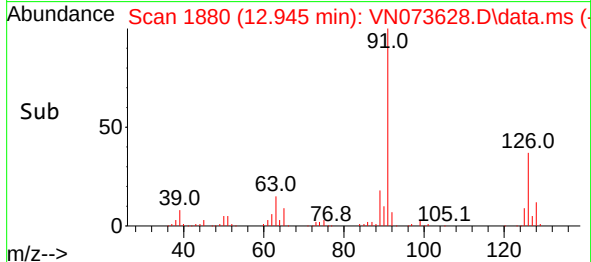
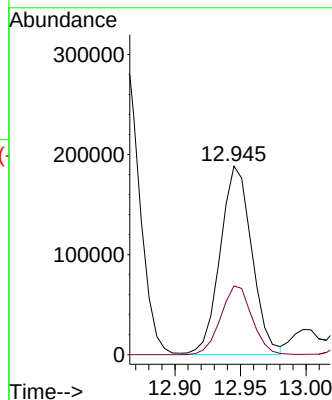
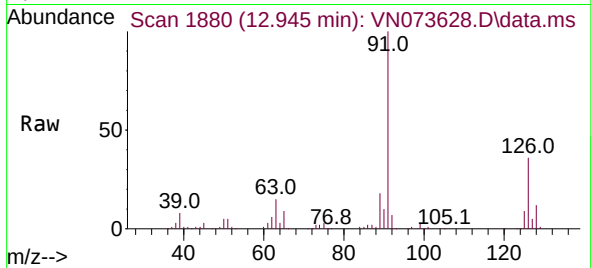




#75
2-Chlorotoluene
Concen: 18.701 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

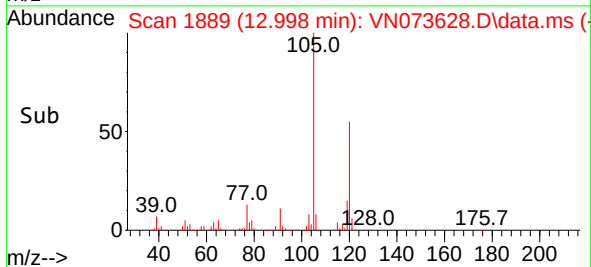
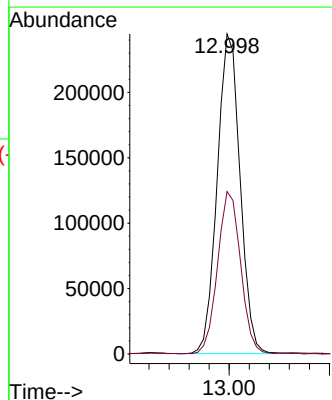
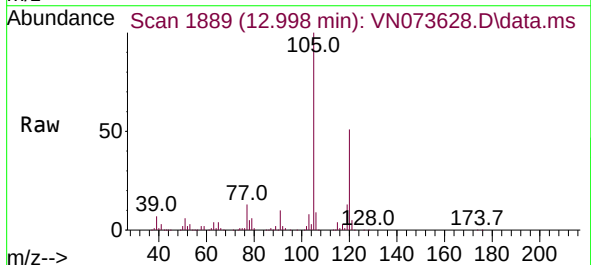
Instrument :
MSVOA_N
ClientSampleId :
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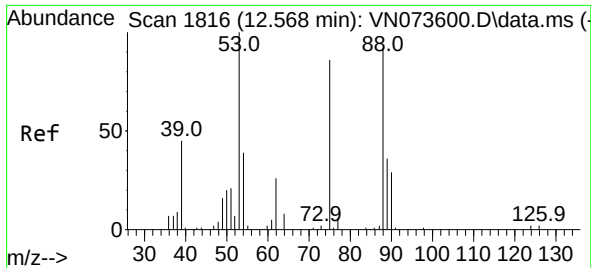
Tgt Ion: 91 Resp: 315937
Ion Ratio Lower Upper
91 100
126 36.2 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 19.064 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 105 Resp: 386702
Ion Ratio Lower Upper
105 100
120 51.2 0.0 93.8

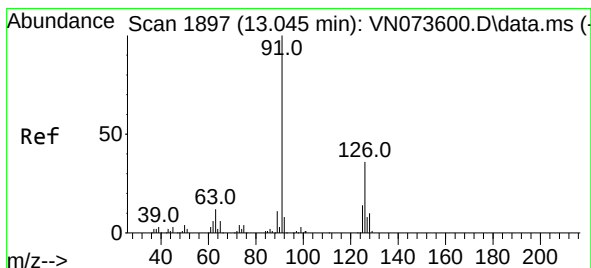
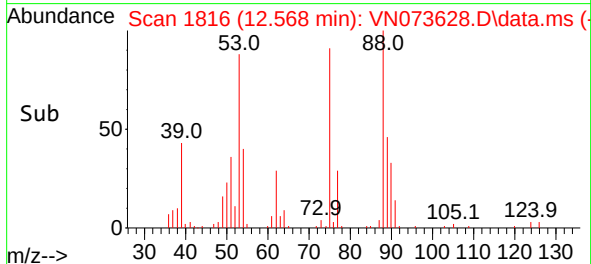
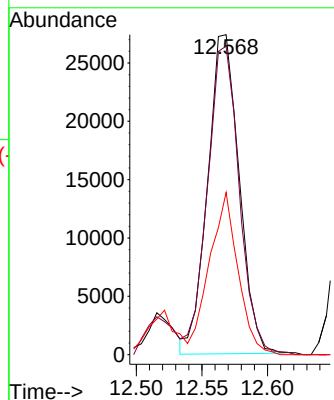
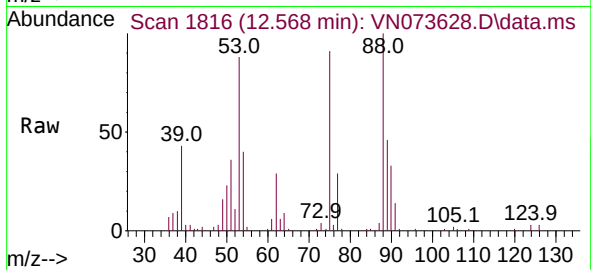




#77
t-1,4-Dichloro-2-butene
Concen: 17.635 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

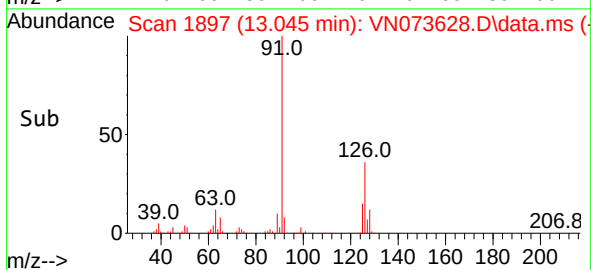
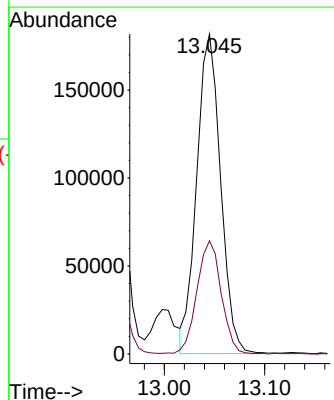
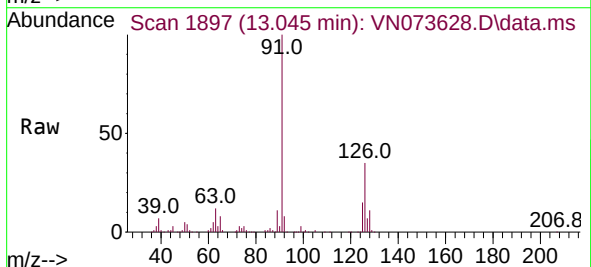
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

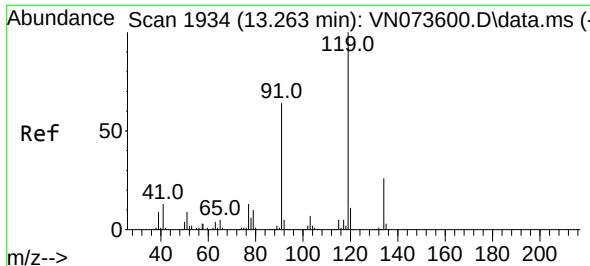
Tgt Ion: 75 Resp: 45705
Ion Ratio Lower Upper
75 100
53 96.1 51.8 155.5
89 51.0 22.9 68.7



#78
4-Chlorotoluene
Concen: 18.530 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 91 Resp: 300734
Ion Ratio Lower Upper
91 100
126 36.0 0.0 70.6

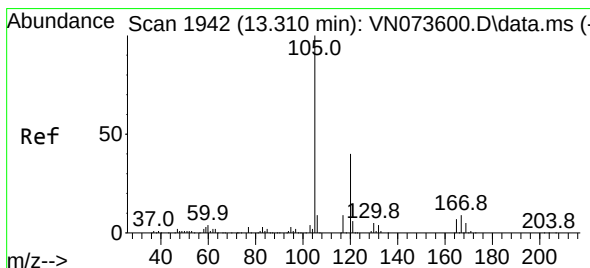
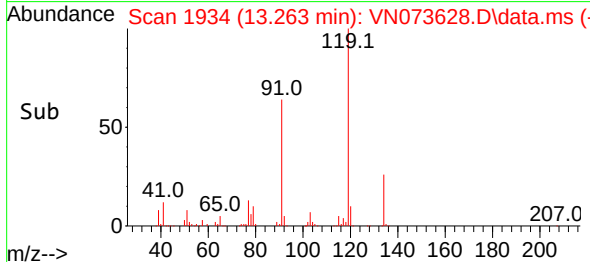
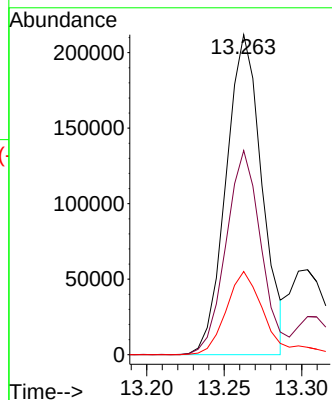
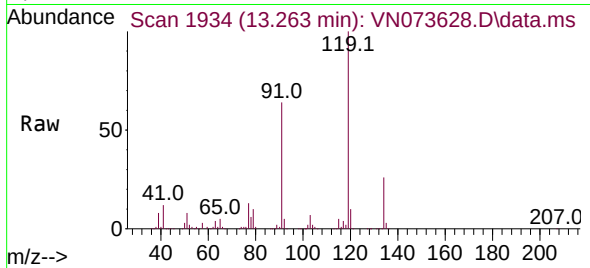




#79
tert-butylbenzene
Concen: 19.485 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

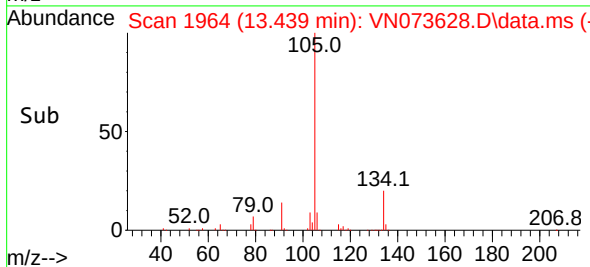
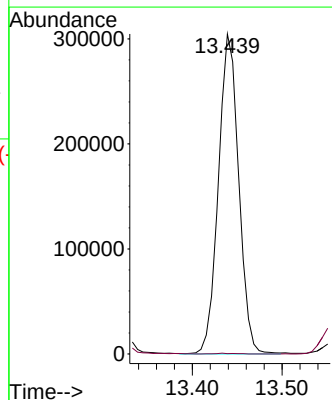
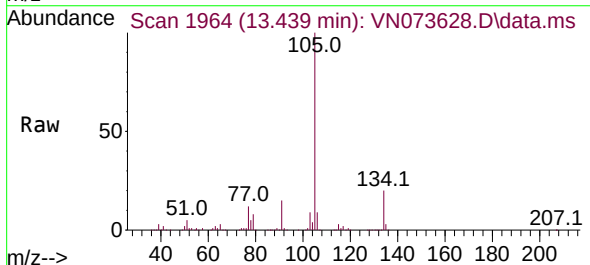
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

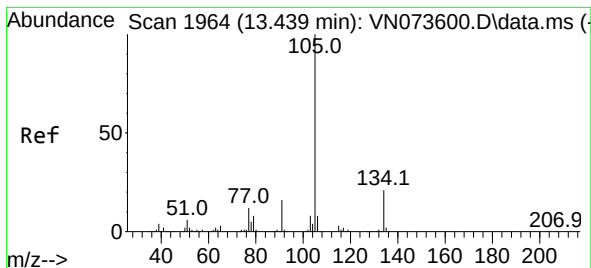
Tgt Ion:119 Resp: 341706
Ion Ratio Lower Upper
119 100
91 62.9 0.0 137.0
134 26.1 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 23.823 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.129 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion:105 Resp: 478652
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2

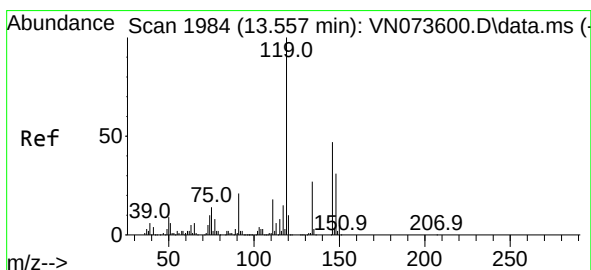
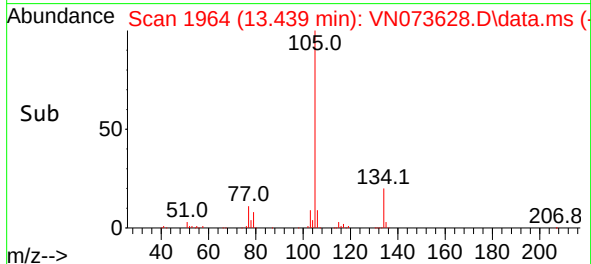
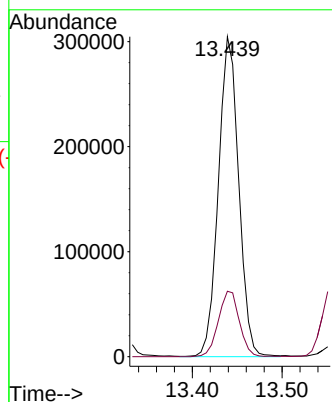
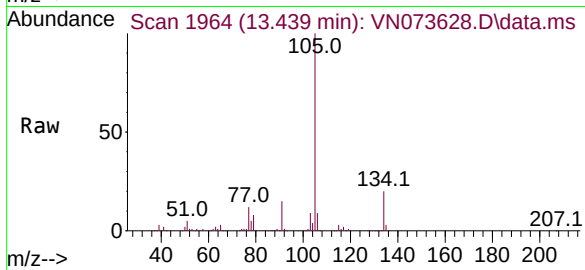




#81
 sec-Butylbenzene
 Concen: 19.009 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073628.D
 Acq: 29 Jul 2022 11:29

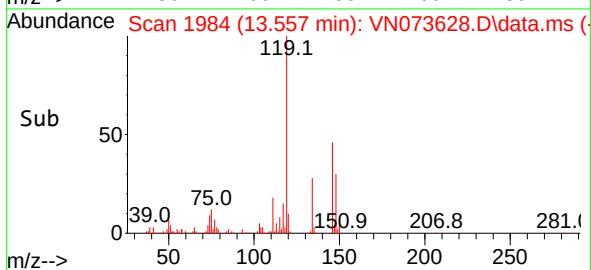
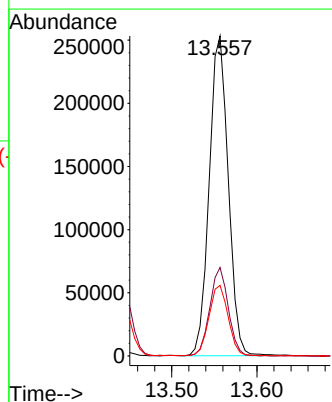
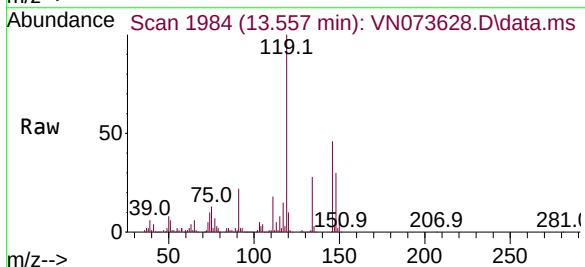
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

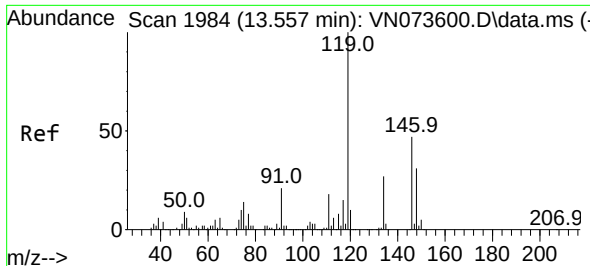
Tgt Ion:105 Resp: 478652
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 19.014 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073628.D
 Acq: 29 Jul 2022 11:29

Tgt Ion:119 Resp: 393078
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 51.8
 91 22.2 0.0 50.4

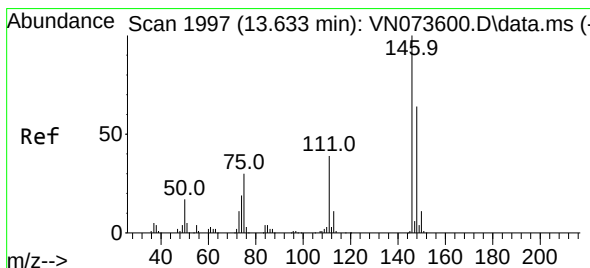
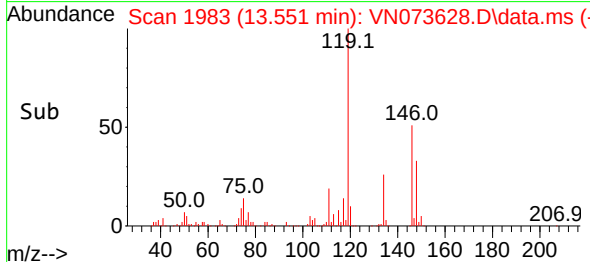
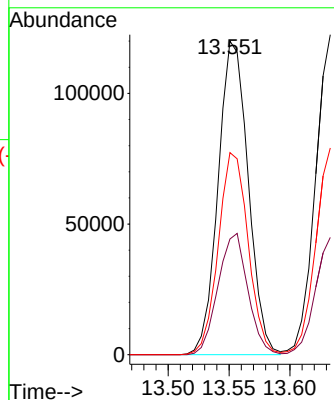
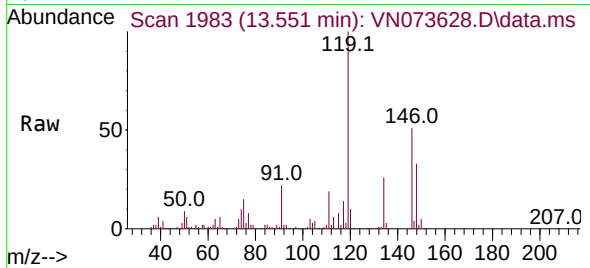




#83
1,3-Dichlorobenzene
Concen: 18.733 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

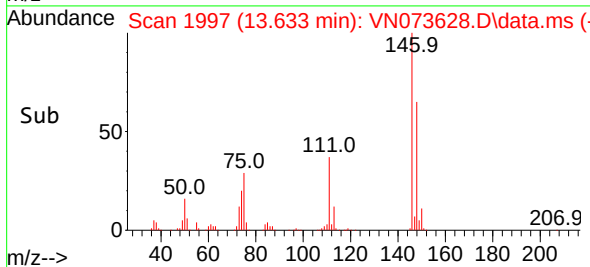
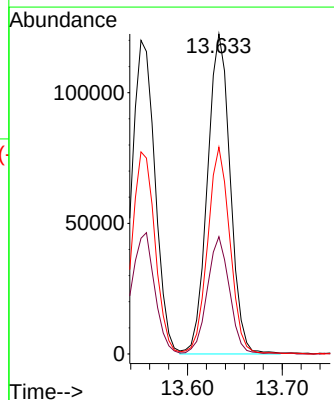
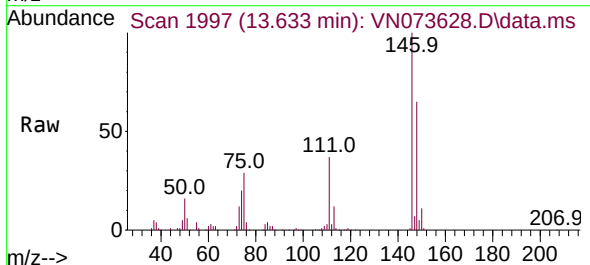
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

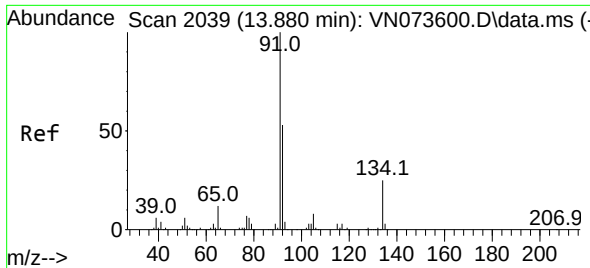
Tgt Ion:146 Resp: 206285
Ion Ratio Lower Upper
146 100
111 38.3 20.8 62.2
148 64.0 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 19.283 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion:146 Resp: 204830
Ion Ratio Lower Upper
146 100
111 35.6 19.5 58.5
148 63.1 31.1 93.5

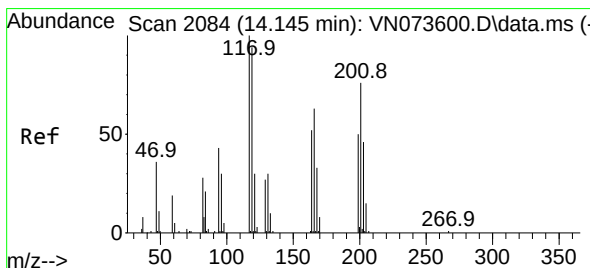
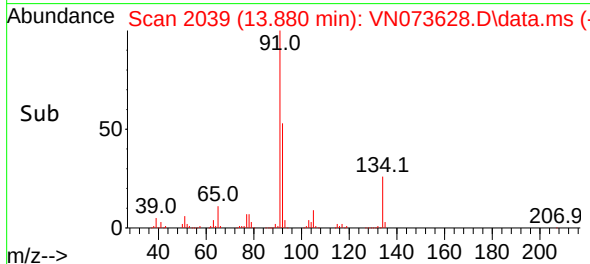
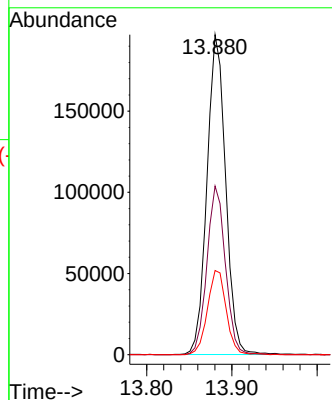
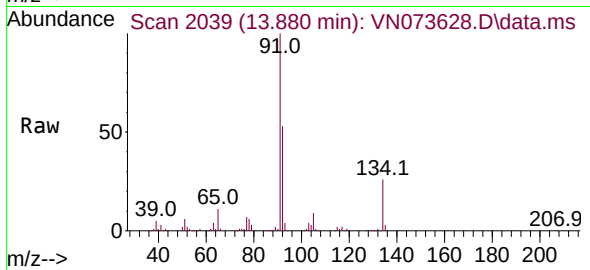




#85
n-Butylbenzene
Concen: 17.934 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

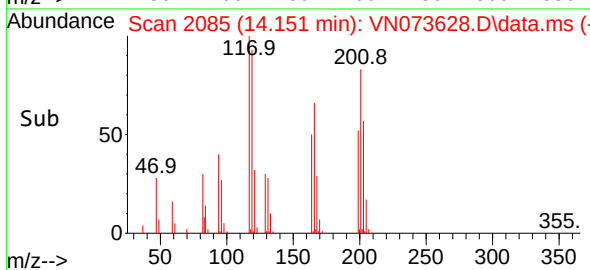
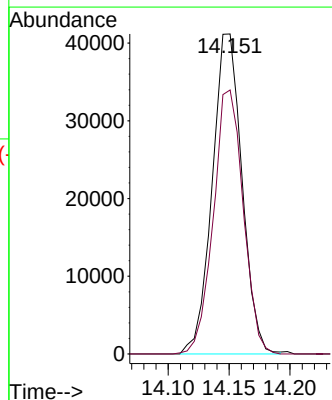
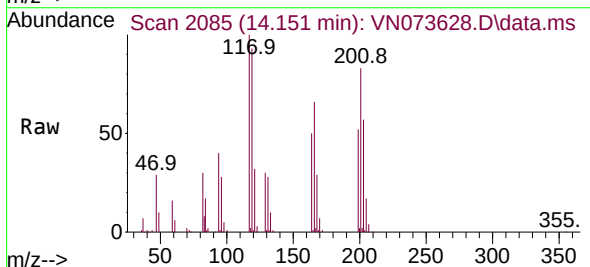
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

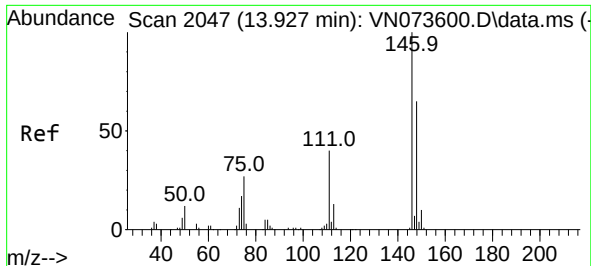
Tgt Ion: 91 Resp: 300546
Ion Ratio Lower Upper
91 100
92 52.3 0.0 100.6
134 26.4 0.0 50.2



#86
Hexachloroethane
Concen: 18.438 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion: 117 Resp: 69906
Ion Ratio Lower Upper
117 100
201 82.7 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 19.028 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

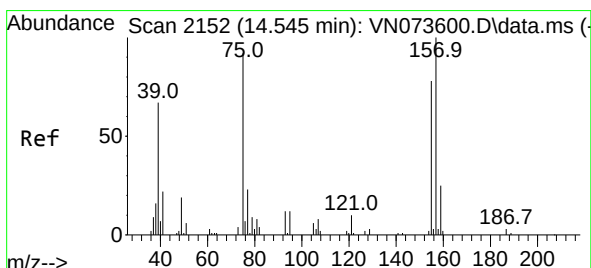
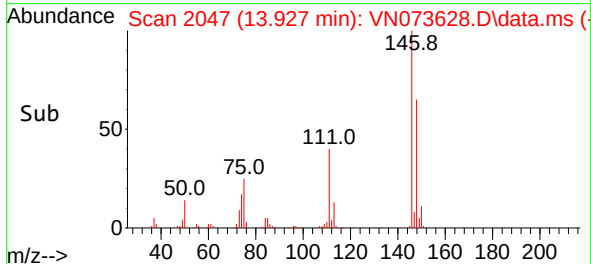
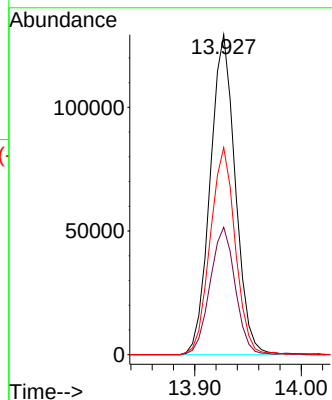
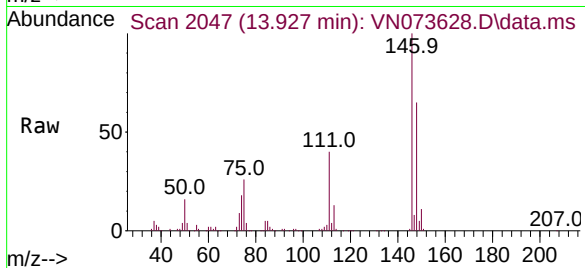
Tgt Ion:146 Resp: 211838

Ion Ratio Lower Upper

146 100

111 39.9 21.4 64.2

148 64.5 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.947 ug/l

RT: 14.539 min Scan# 2151

Delta R.T. -0.006 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

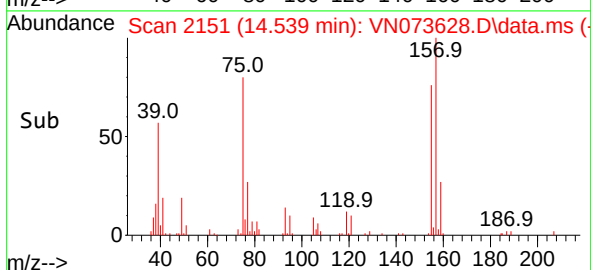
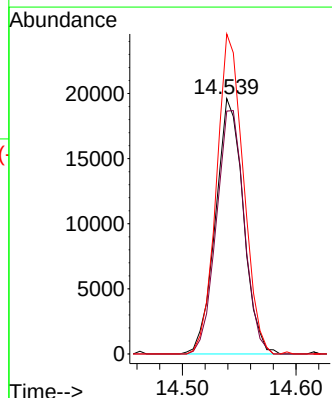
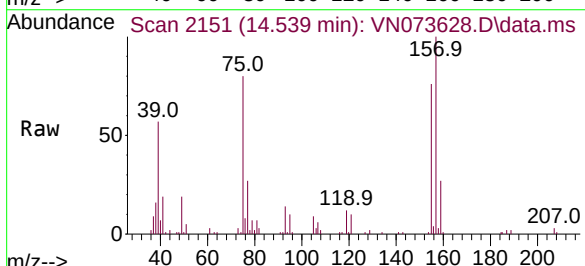
Tgt Ion: 75 Resp: 33380

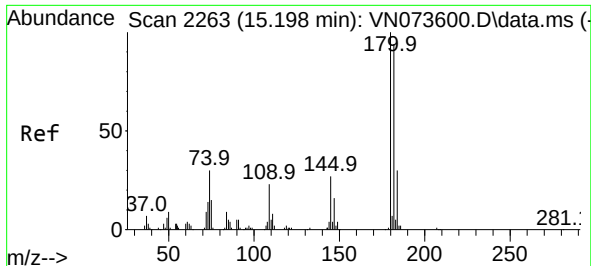
Ion Ratio Lower Upper

75 100

155 95.3 63.8 95.8

157 121.3 77.9 116.9#

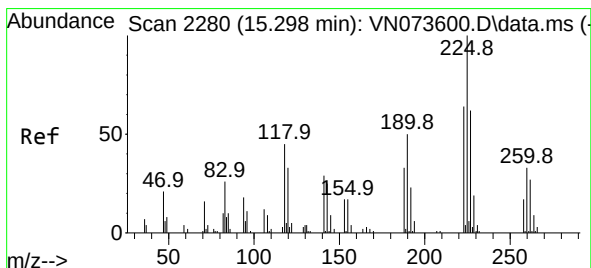
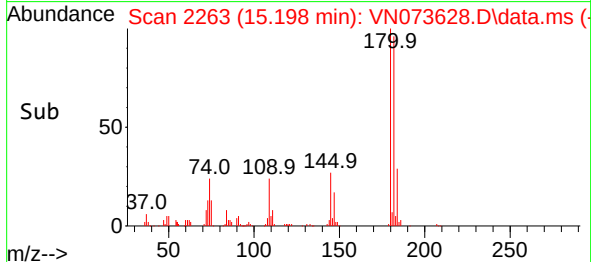
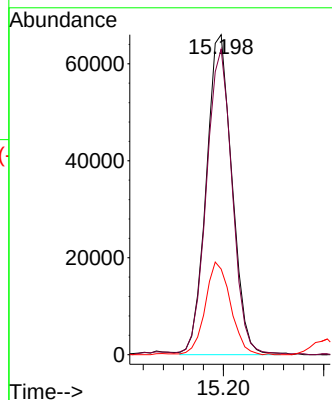
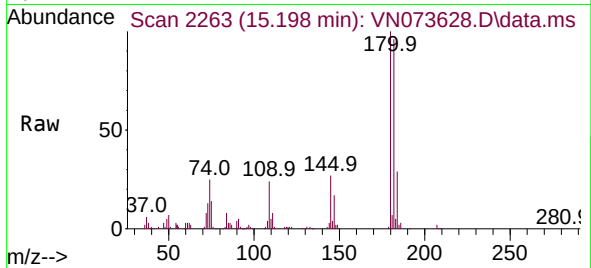




#89
1,2,4-Trichlorobenzene
Concen: 19.272 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

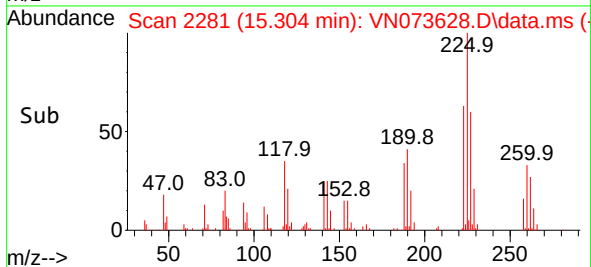
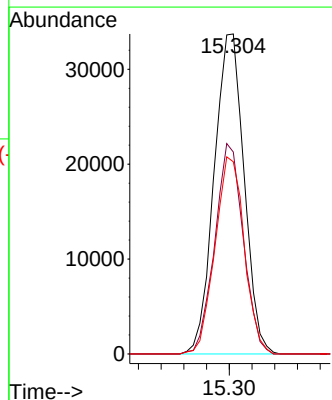
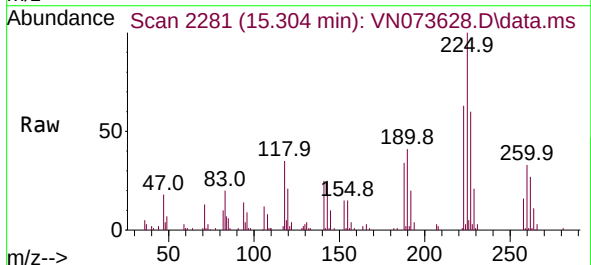
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

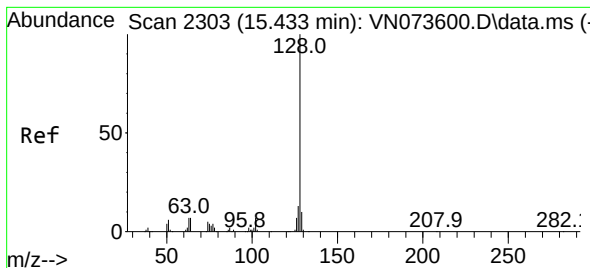
Tgt Ion:180 Resp: 118090
Ion Ratio Lower Upper
180 100
182 95.4 77.7 116.5
145 28.3 26.6 39.8



#90
Hexachlorobutadiene
Concen: 19.875 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN073628.D
Acq: 29 Jul 2022 11:29

Tgt Ion:225 Resp: 61681
Ion Ratio Lower Upper
225 100
223 62.6 0.0 126.8
227 60.2 0.0 123.0





#91

Naphthalene

Concen: 19.422 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

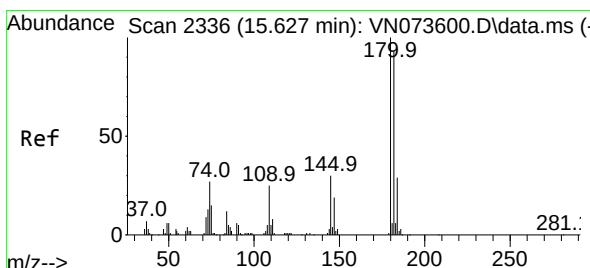
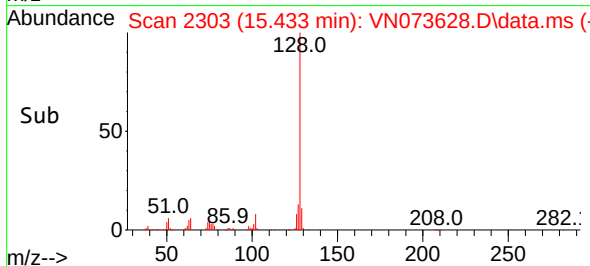
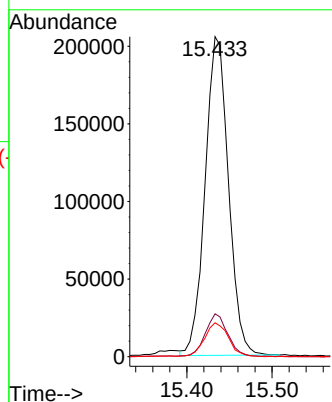
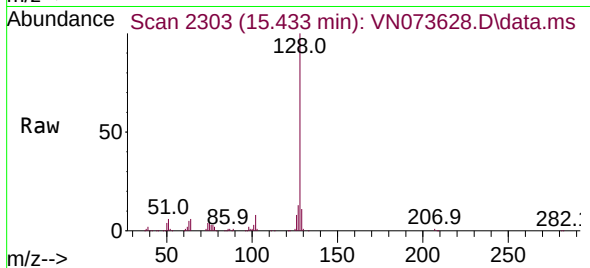
Tgt Ion:128 Resp: 390761

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.0 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 19.245 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VN073628.D

Acq: 29 Jul 2022 11:29

Tgt Ion:180 Resp: 121136

Ion Ratio Lower Upper

180 100

182 97.0 0.0 190.0

145 31.0 0.0 67.8

