

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082222\
 Data File : VN074043.D
 Acq On : 22 Aug 2022 13:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 13:25:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	506002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	753587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	685394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	364020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	234106	47.501	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.000%
35) Dibromofluoromethane	7.951	113	207990	46.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.340%
50) Toluene-d8	10.380	98	795406	46.083	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.160%
62) 4-Bromofluorobenzene	12.669	95	284314	49.633	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.052	85	206182	51.389	ug/l	98
3) Chloromethane	2.269	50	239383	53.653	ug/l	99
4) Vinyl Chloride	2.405	62	282127	49.256	ug/l	96
5) Bromomethane	2.804	94	176100	49.234	ug/l	100
6) Chloroethane	2.969	64	175185	43.294	ug/l	98
7) Trichlorofluoromethane	3.316	101	329745	44.628	ug/l	100
8) Diethyl Ether	3.763	74	126166	46.000	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.140	101	198220	46.182	ug/l	96
10) Methyl Iodide	4.351	142	207612	40.290	ug/l	99
11) Tert butyl alcohol	5.275	59	228166	206.969	ug/l	99
12) 1,1-Dichloroethene	4.116	96	189348	47.413	ug/l	93
13) Acrolein	3.981	56	145492	188.548	ug/l	100
14) Allyl chloride	4.763	41	295568	49.974	ug/l	97
15) Acrylonitrile	5.469	53	675077	250.822	ug/l	100
16) Acetone	4.216	43	534759	229.986	ug/l	97
17) Carbon Disulfide	4.457	76	533656	56.200	ug/l	100
18) Methyl Acetate	4.769	43	295646	50.922	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	635757	44.202	ug/l	100
20) Methylene Chloride	5.010	84	218426	44.518	ug/l	98
21) trans-1,2-Dichloroethene	5.510	96	210551	47.855	ug/l	99
22) Diisopropyl ether	6.410	45	625730	49.898	ug/l	97
23) Vinyl Acetate	6.345	43	2670528	248.506	ug/l	99
24) 1,1-Dichloroethane	6.304	63	369945	47.394	ug/l	99
25) 2-Butanone	7.257	43	888410	240.970	ug/l	99
26) 2,2-Dichloropropane	7.245	77	306599	41.807	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	247893	45.666	ug/l	95
28) Bromochloromethane	7.581	49	150179	52.165	ug/l	95
29) Tetrahydrofuran	7.604	42	593529	250.962	ug/l	99
30) Chloroform	7.745	83	386034	44.228	ug/l	100
31) Cyclohexane	8.022	56	345095	50.229	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	338154	43.688	ug/l	98
36) 1,1-Dichloropropene	8.151	75	298588	48.236	ug/l	100
37) Ethyl Acetate	7.334	43	357068	47.614	ug/l	99
38) Carbon Tetrachloride	8.134	117	309085	43.684	ug/l	99
39) Methylcyclohexane	9.392	83	382597	49.327	ug/l	99
40) Benzene	8.386	78	900568	46.095	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	160411	47.332	ug/l	99
42) 1,2-Dichloroethane	8.463	62	299076	44.521	ug/l	99
43) Isopropyl Acetate	8.492	43	499989	46.801	ug/l	99
44) Trichloroethene	9.151	130	242915	43.048	ug/l	99
45) 1,2-Dichloropropane	9.428	63	221583	47.318	ug/l	98
46) Dibromomethane	9.516	93	156056	43.833	ug/l	95
47) Bromodichloromethane	9.698	83	313837	46.120	ug/l	98
48) Methyl methacrylate	9.498	41	235646	51.550	ug/l	94
49) 1,4-Dioxane	9.504	88	105014	772.506	ug/l	99
51) 4-Methyl-2-Pentanone	10.269	43	1726009	238.960	ug/l	99
52) Toluene	10.445	92	574719	42.900	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	339988	47.614	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	368642	47.185	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	228506	43.848	ug/l	99
56) Ethyl methacrylate	10.698	69	352388	47.411	ug/l	96
57) 1,3-Dichloropropane	10.986	76	386068	45.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	666047	192.004	ug/l	99
59) 2-Hexanone	11.027	43	1354098	243.592	ug/l	100
60) Dibromochloromethane	11.175	129	260835	45.261	ug/l	99
61) 1,2-Dibromoethane	11.286	107	244685	43.899	ug/l	98
64) Tetrachloroethene	10.916	164	218212	40.337	ug/l	95
65) Chlorobenzene	11.710	112	632869	43.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	237092	42.983	ug/l	99
67) Ethyl Benzene	11.786	91	1119712	46.222	ug/l	99
68) m/p-Xylenes	11.892	106	880743	89.483	ug/l	99
69) o-Xylene	12.222	106	424353	42.993	ug/l	98
70) Styrene	12.233	104	714544	46.241	ug/l	98
71) Bromoform	12.398	173	216889	44.041	ug/l	99
73) Isopropylbenzene	12.516	105	1090744	41.150	ug/l	99
74) N-amyl acetate	12.327	43	405614	40.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	358197	40.270	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	345663m	45.686	ug/l	
77) Bromobenzene	12.798	156	280945	39.157	ug/l	97
78) n-propylbenzene	12.857	91	1292736	45.752	ug/l	99
79) 2-Chlorotoluene	12.945	91	749365	42.559	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	925897	42.945	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	120963	45.471	ug/l	95
82) 4-Chlorotoluene	13.045	91	757104	45.272	ug/l	98
83) tert-Butylbenzene	13.263	119	816601	41.159	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	927194	43.065	ug/l	100
85) sec-Butylbenzene	13.439	105	1182297	45.972	ug/l	99
86) p-Isopropyltoluene	13.557	119	1010132	46.105	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	532255	42.777	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	534796	42.411	ug/l	98
89) n-Butylbenzene	13.880	91	874679	50.403	ug/l	99
90) Hexachloroethane	14.151	117	177183	44.243	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	515512	40.122	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	84915	40.432	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	355119	45.411	ug/l	99
94) Hexachlorobutadiene	15.298	225	184641	44.791	ug/l	99
95) Naphthalene	15.433	128	1089047	42.717	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	346350	42.849	ug/l	99

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QLast Update : Tue Aug 16 00:45:21 2022
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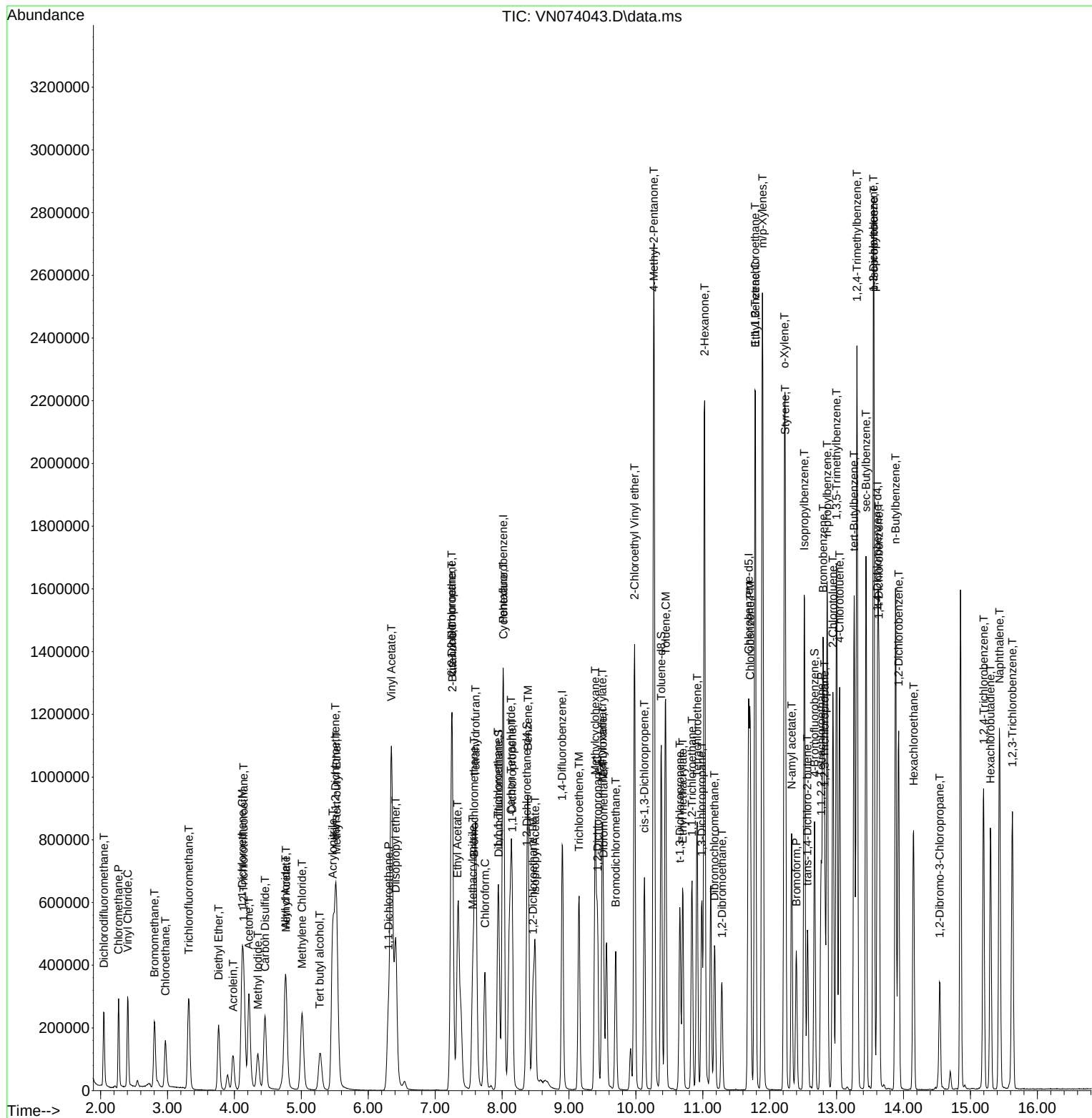
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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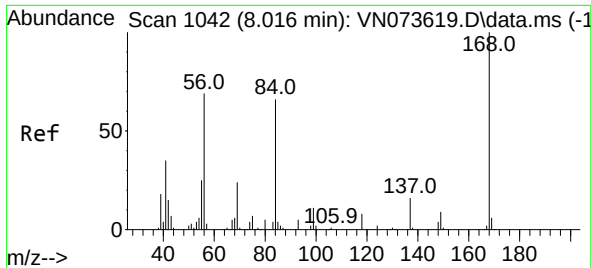
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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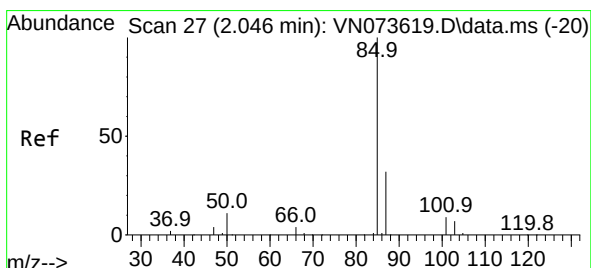
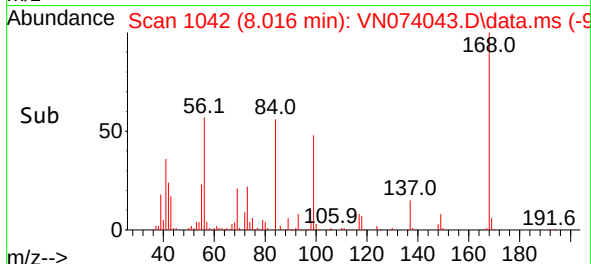
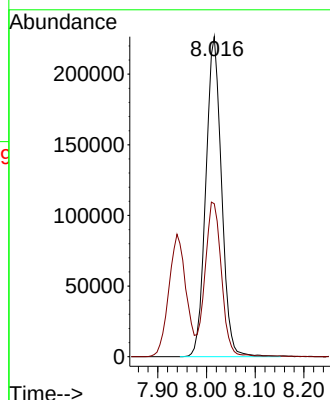
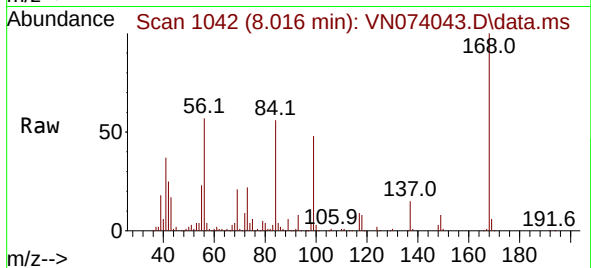




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074043.D
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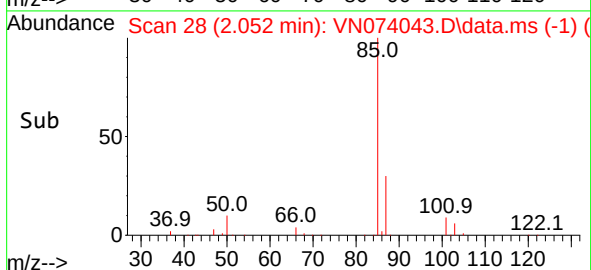
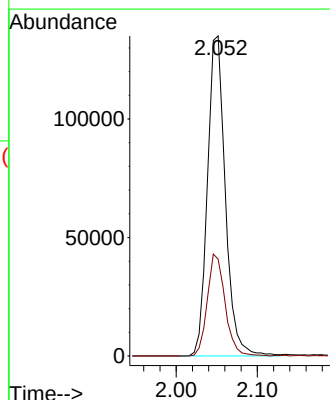
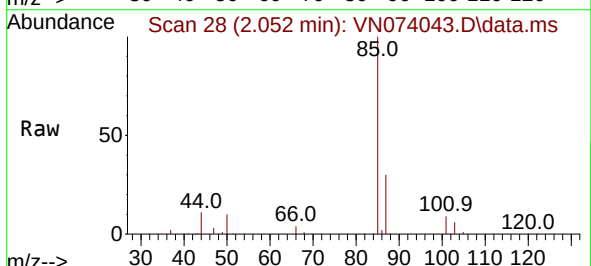
Instrument :
MSVOA_N
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VSTDCCC050

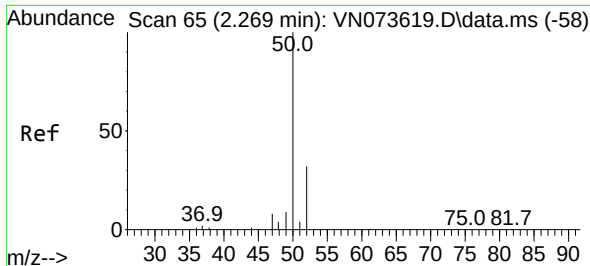
Tgt Ion:168 Resp: 506002
Ion Ratio Lower Upper
168 100
99 47.5 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 51.389 ug/l
RT: 2.052 min Scan# 28
Delta R.T. 0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 85 Resp: 206182
Ion Ratio Lower Upper
85 100
87 30.2 15.7 47.1

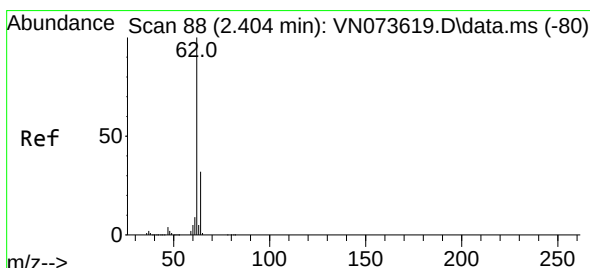
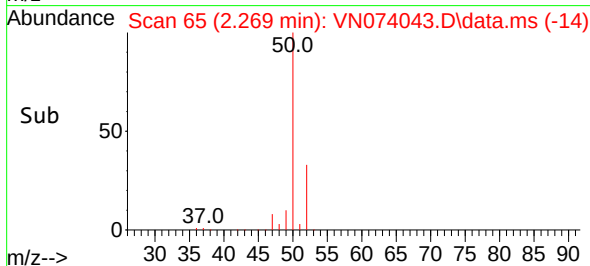
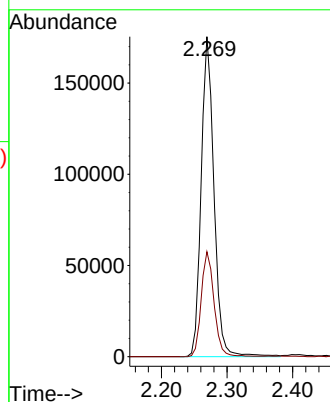
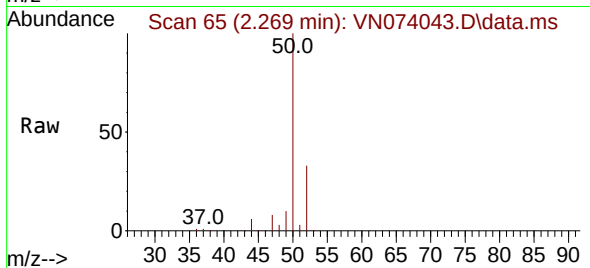




#3
Chloromethane
Concen: 53.653 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

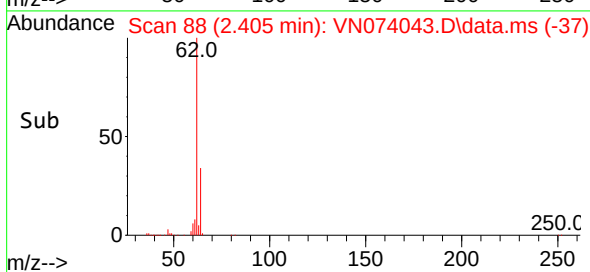
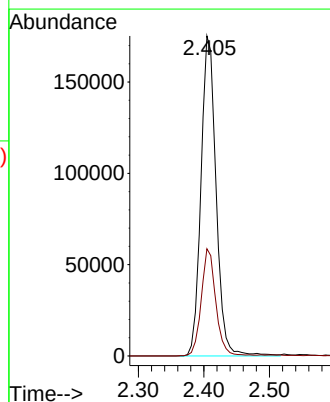
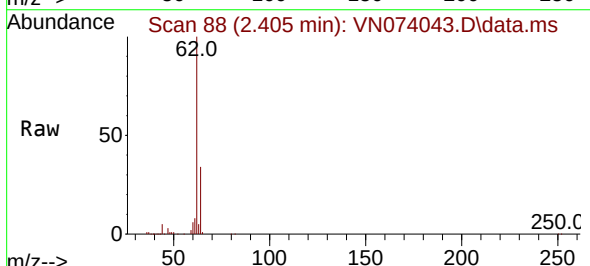
Instrument :
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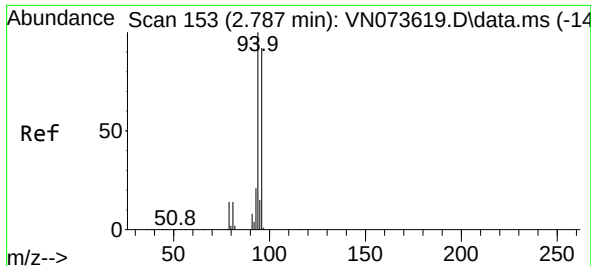
Tgt Ion: 50 Resp: 239383
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 49.256 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.001 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 62 Resp: 282127
Ion Ratio Lower Upper
62 100
64 33.4 25.0 37.4

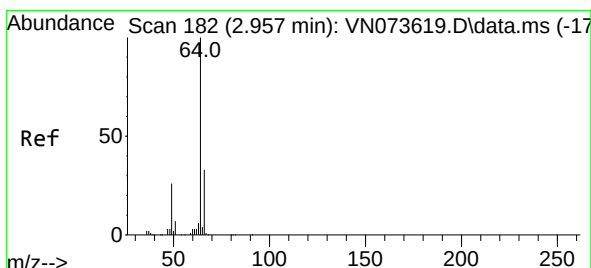
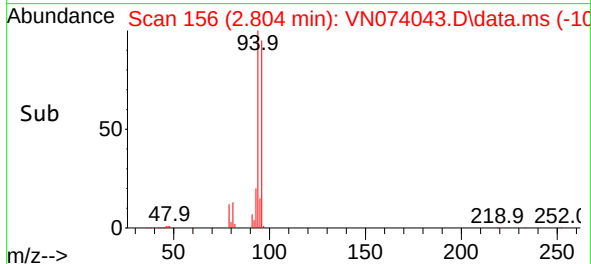
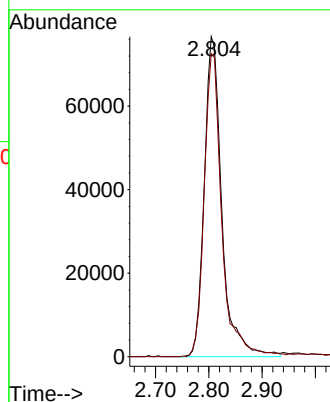
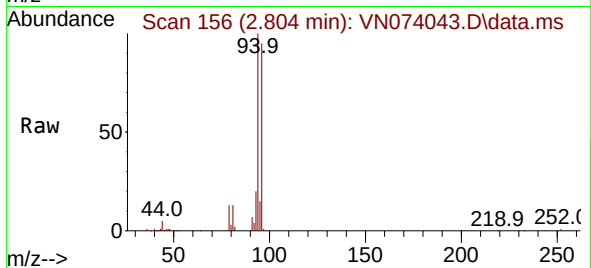




#5
Bromomethane
Concen: 49.234 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN074043.D
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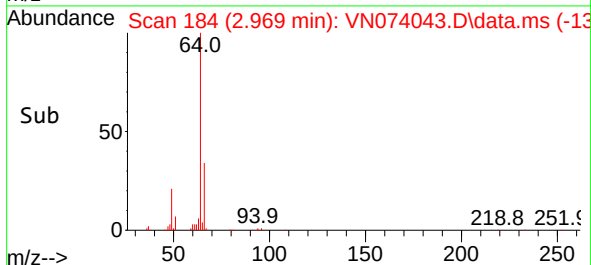
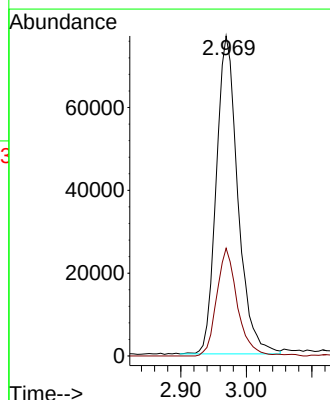
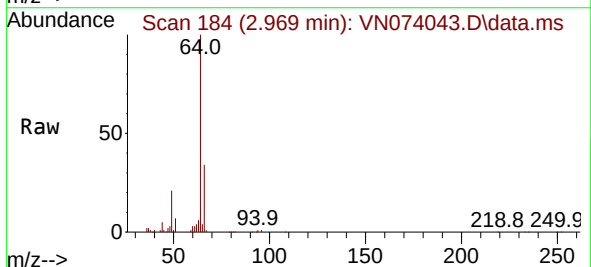
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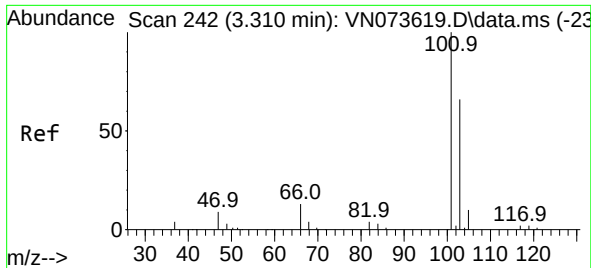
Tgt Ion: 94 Resp: 176100
Ion Ratio Lower Upper
94 100
96 94.7 76.0 114.0



#6
Chloroethane
Concen: 43.294 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 64 Resp: 175185
Ion Ratio Lower Upper
64 100
66 33.9 26.2 39.4

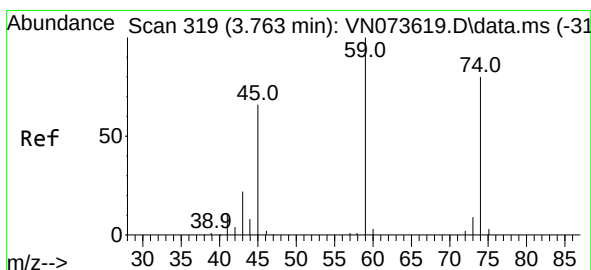
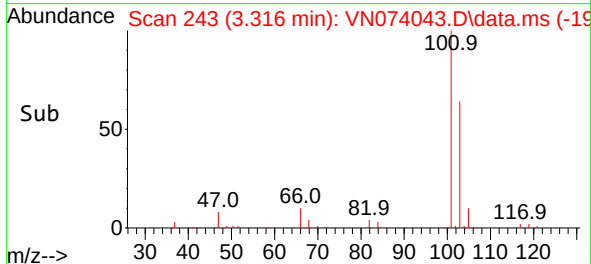
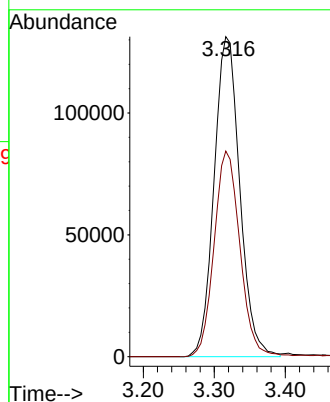
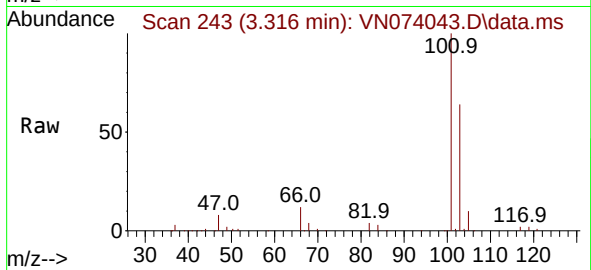




#7
 Trichlorofluoromethane
 Concen: 44.628 ug/l
 RT: 3.316 min Scan# 242
 Delta R.T. 0.006 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

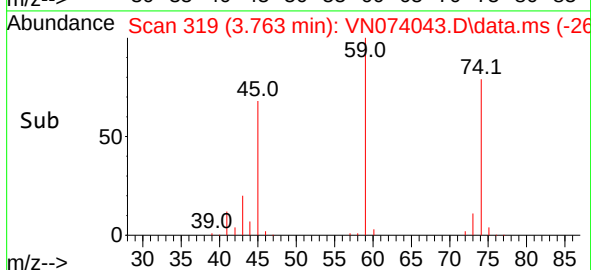
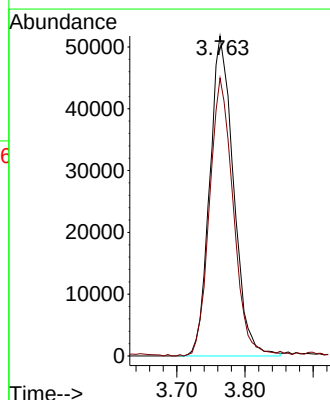
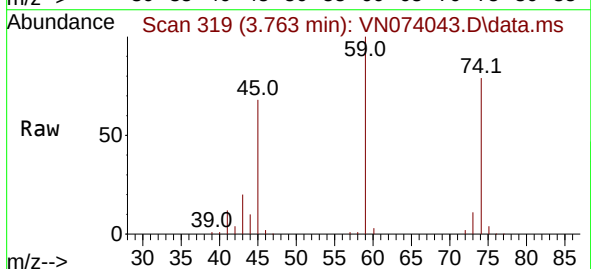
Instrument :
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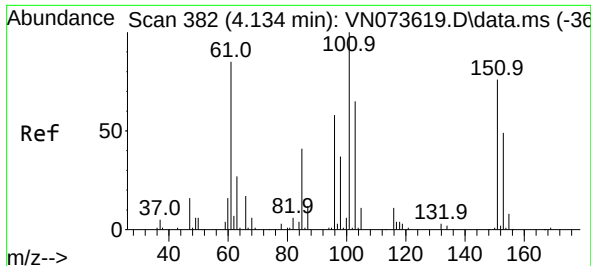
Tgt Ion:101 Resp: 329745
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.5 77.3



#8
 Diethyl Ether
 Concen: 46.000 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN074043.D
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Tgt Ion: 74 Resp: 126166
 Ion Ratio Lower Upper
 74 100
 45 86.1 42.9 128.5

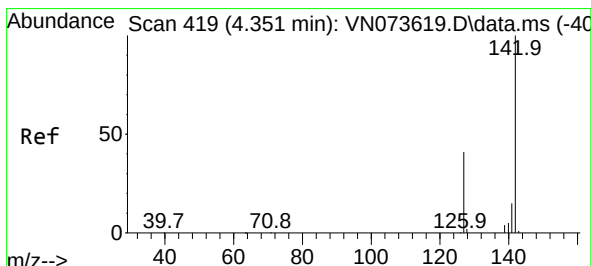
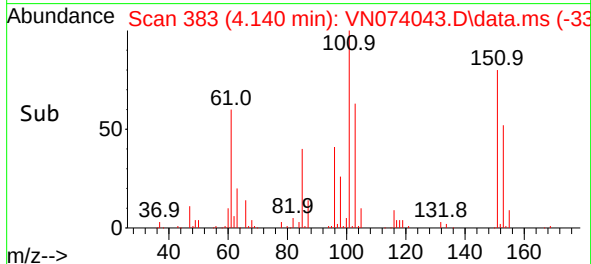
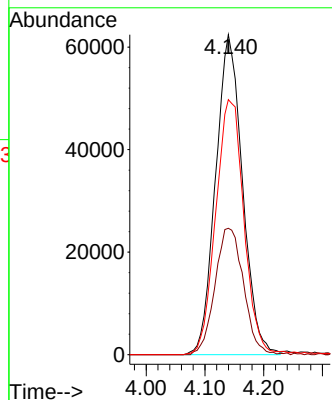
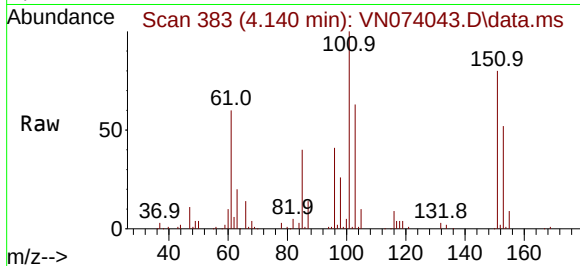




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.182 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

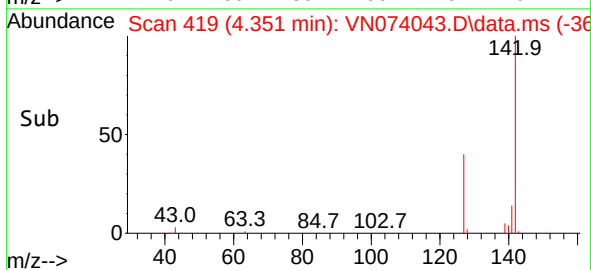
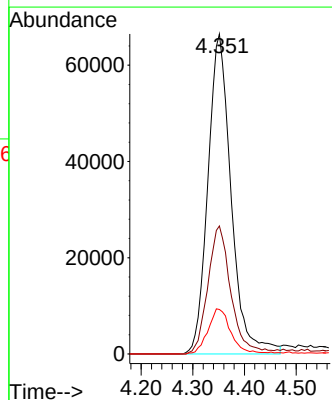
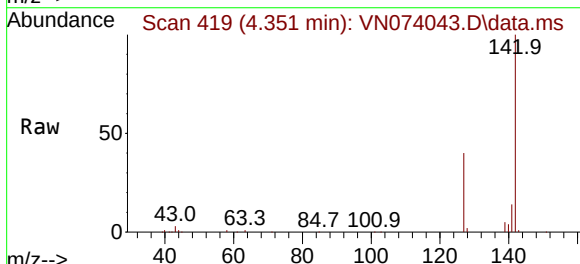
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

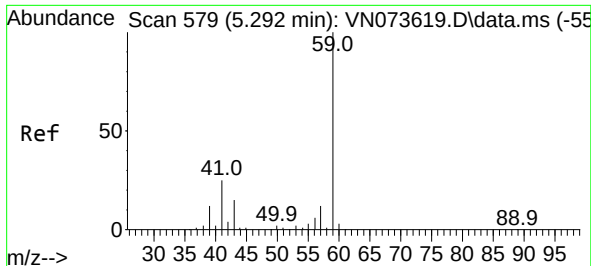
Tgt Ion:101 Resp: 198220
Ion Ratio Lower Upper
101 100
85 41.9 34.7 52.1
151 83.6 63.0 94.4



#10
Methyl Iodide
Concen: 40.290 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion:142 Resp: 207612
Ion Ratio Lower Upper
142 100
127 39.7 31.3 46.9
141 13.9 11.2 16.8

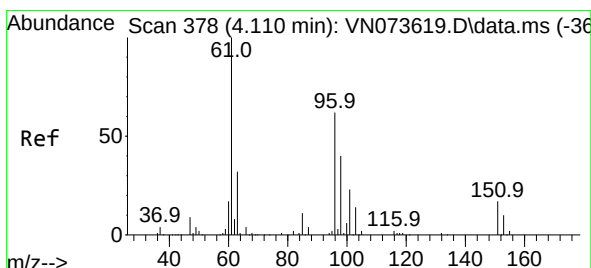
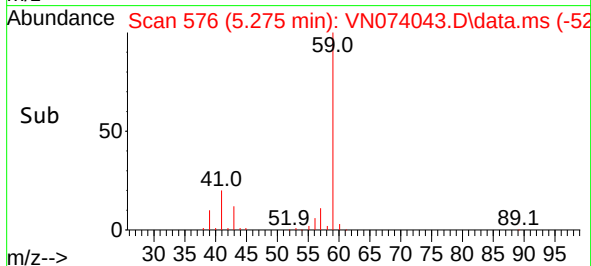
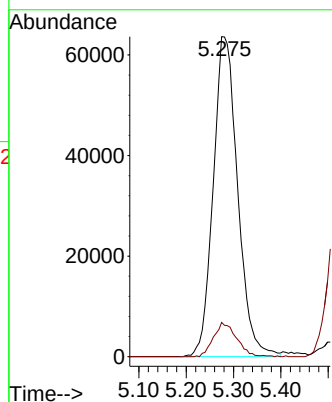
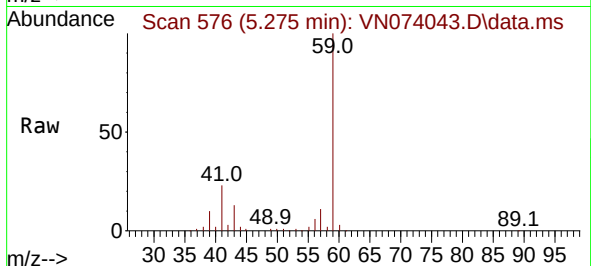




#11
Tert butyl alcohol
Concen: 206.969 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.017 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

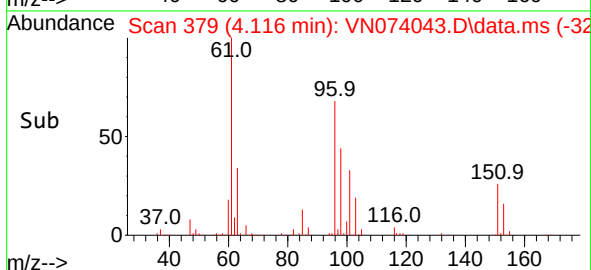
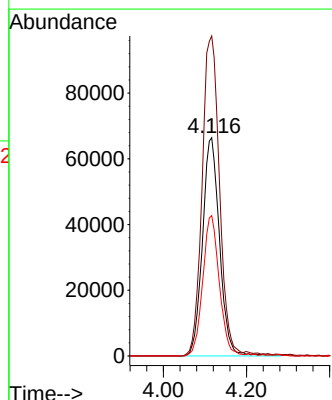
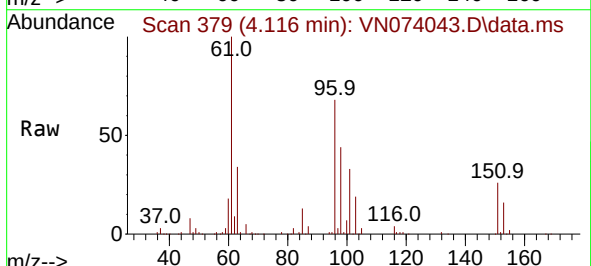
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

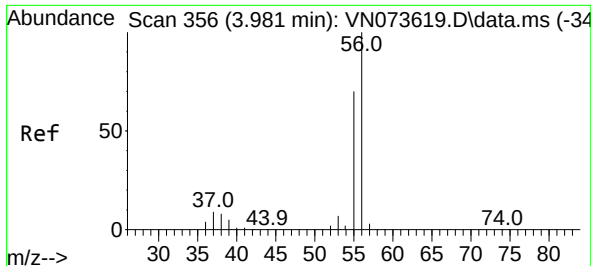
Tgt Ion: 59 Resp: 228166
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.413 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 96 Resp: 189348
Ion Ratio Lower Upper
96 100
61 146.6 127.6 191.4
98 64.3 51.2 76.8

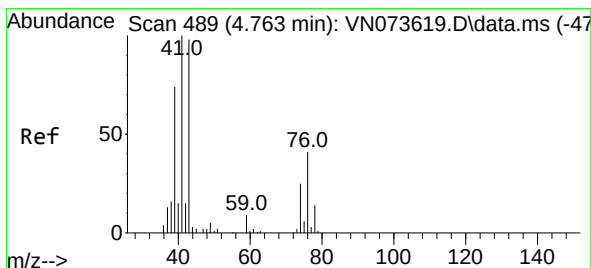
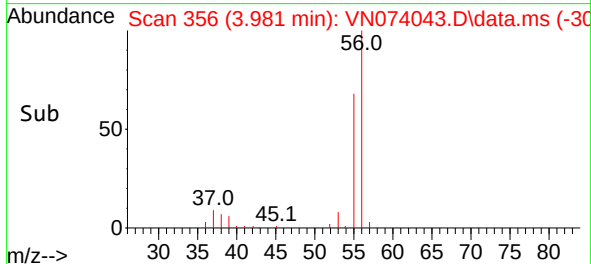
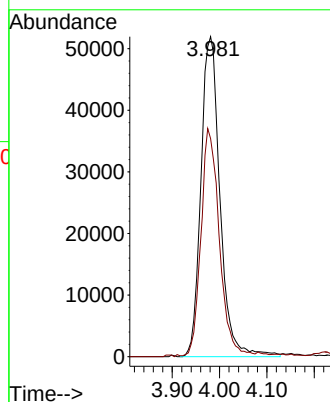
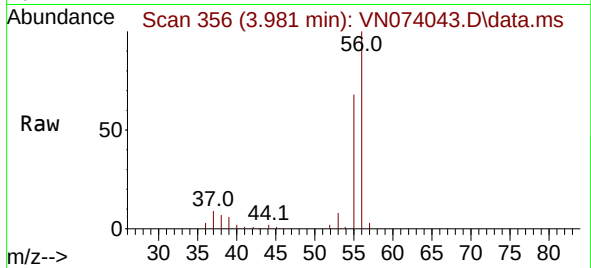




#13
Acrolein
Concen: 188.548 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

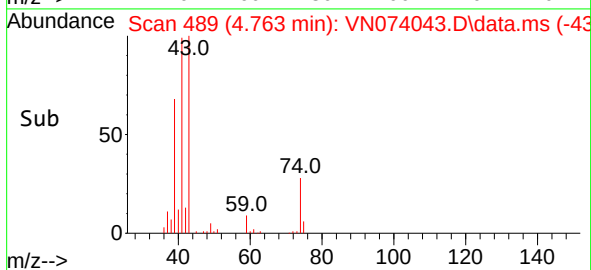
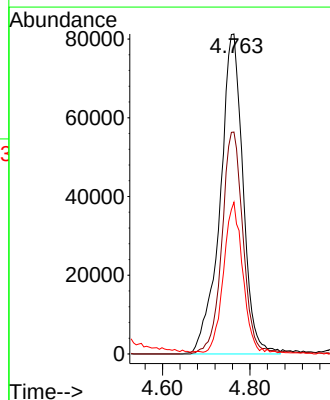
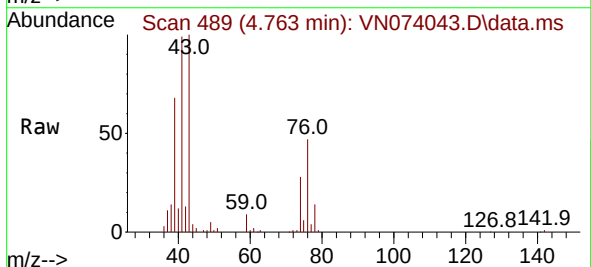
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

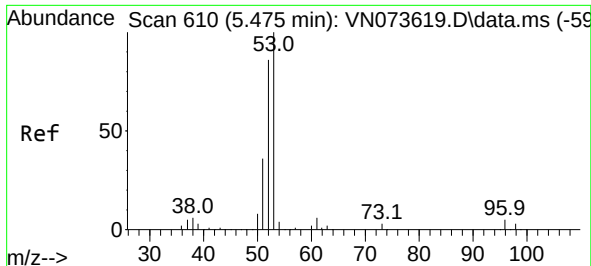
Tgt Ion: 56 Resp: 145492
Ion Ratio Lower Upper
56 100
55 68.8 54.8 82.2



#14
Allyl chloride
Concen: 49.974 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 41 Resp: 295568
Ion Ratio Lower Upper
41 100
39 63.8 53.2 79.8
76 39.3 29.9 44.9





#15

Acrylonitrile

Concen: 250.822 ug/l

RT: 5.469 min Scan# 610

Delta R.T. -0.006 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

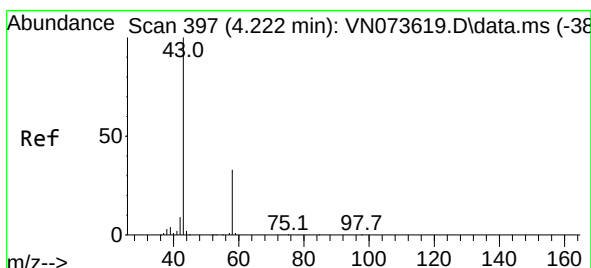
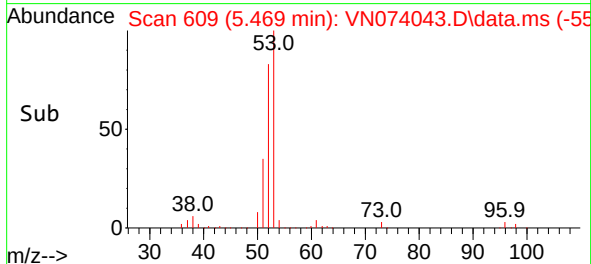
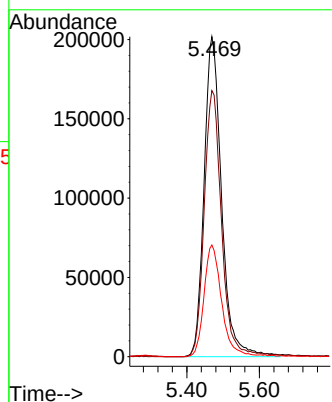
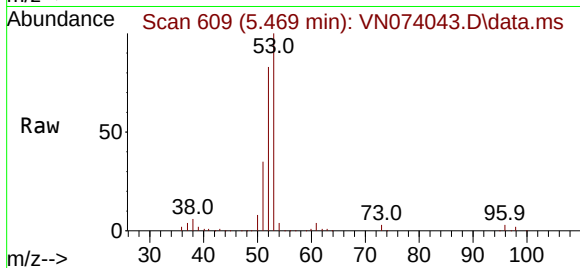
Tgt Ion: 53 Resp: 675077

Ion Ratio Lower Upper

53 100

52 82.9 66.4 99.6

51 35.1 28.5 42.7



#16

Acetone

Concen: 229.986 ug/l

RT: 4.216 min Scan# 396

Delta R.T. -0.006 min

Lab File: VN074043.D

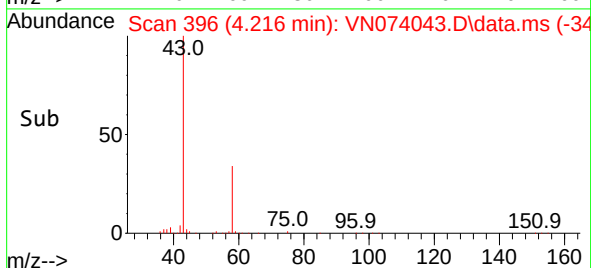
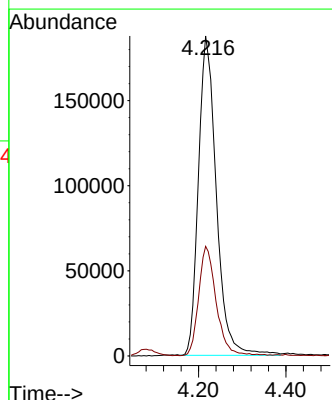
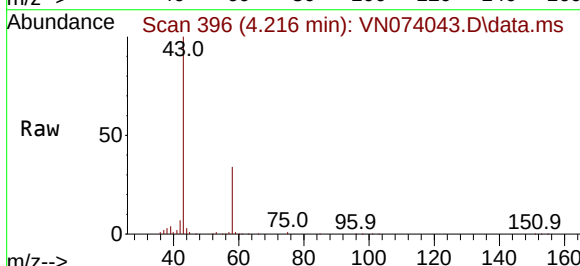
Acq: 22 Aug 2022 13:03

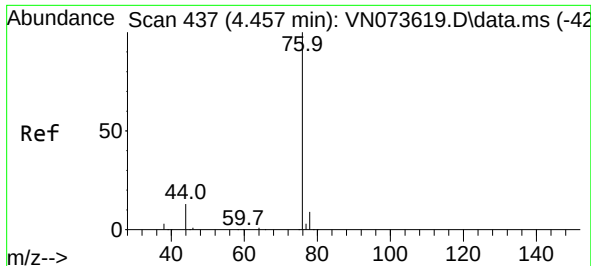
Tgt Ion: 43 Resp: 534759

Ion Ratio Lower Upper

43 100

58 34.2 26.0 39.0

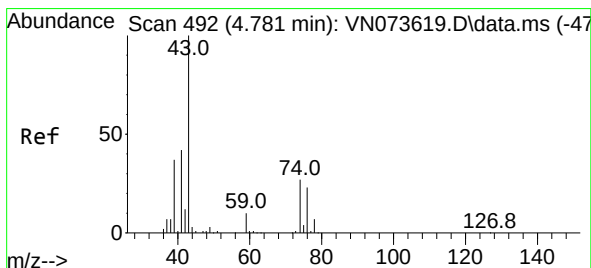
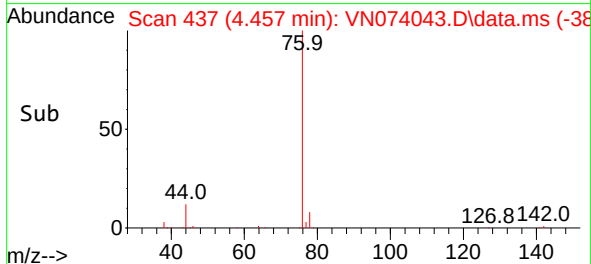
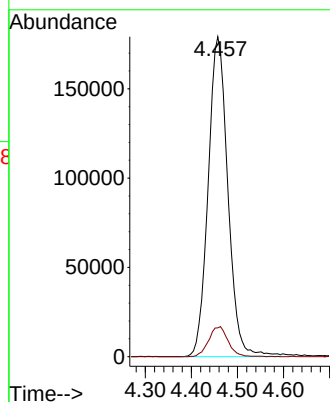
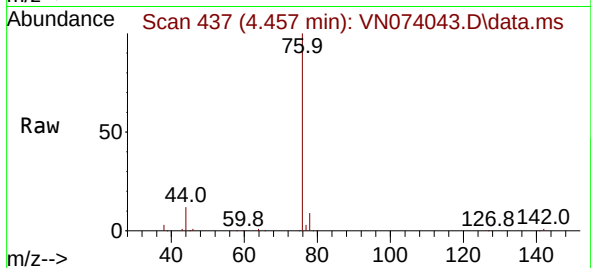




#17
Carbon Disulfide
Concen: 56.200 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

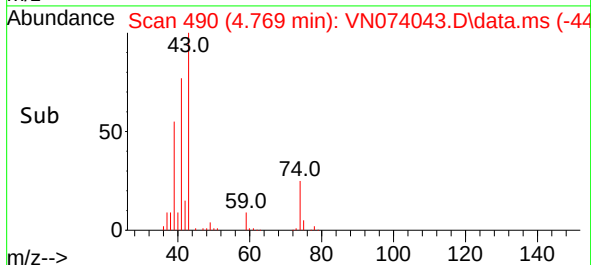
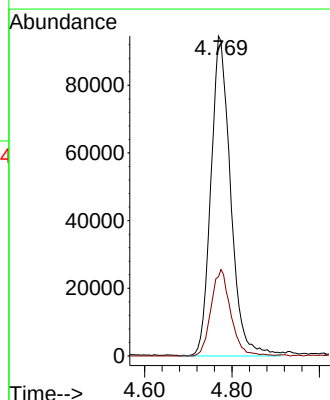
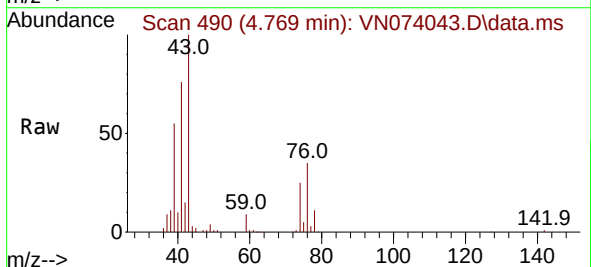
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

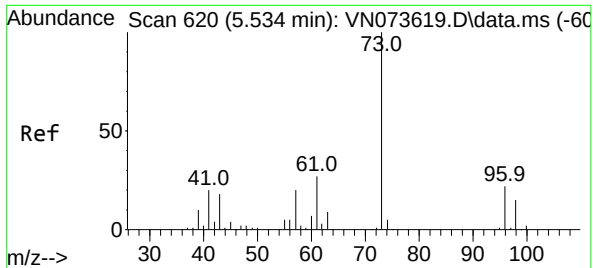
Tgt Ion: 76 Resp: 533656
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 50.922 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.012 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 43 Resp: 295646
Ion Ratio Lower Upper
43 100
74 26.9 21.6 32.4

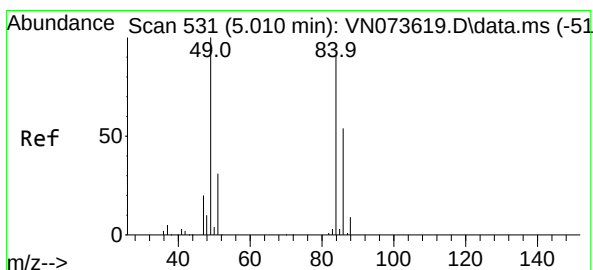
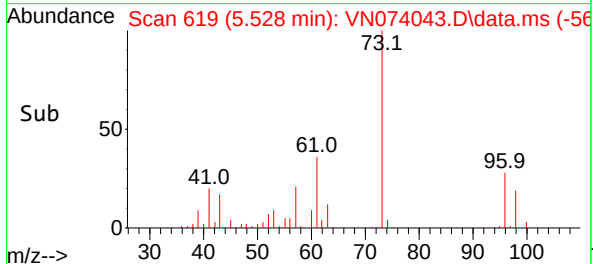
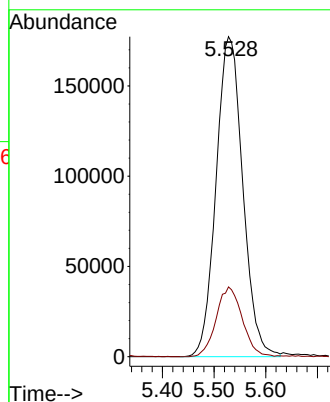
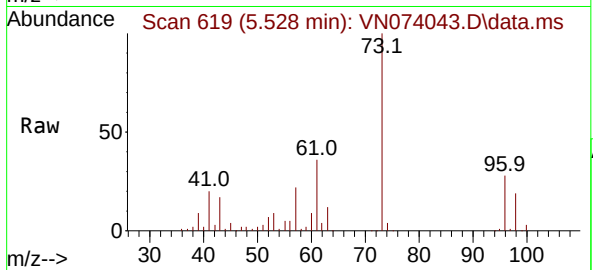




#19
Methyl tert-butyl Ether
Concen: 44.202 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

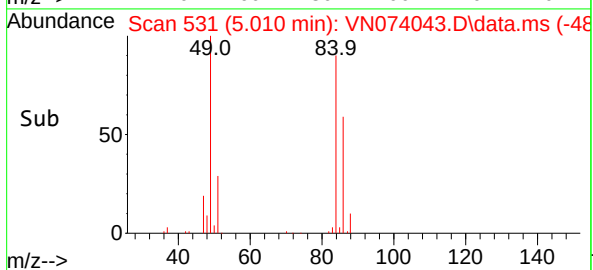
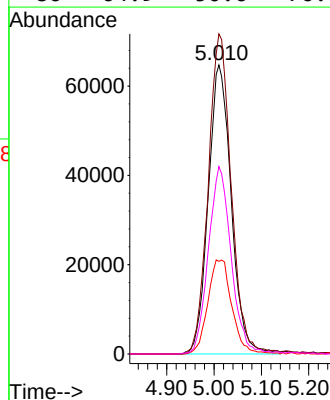
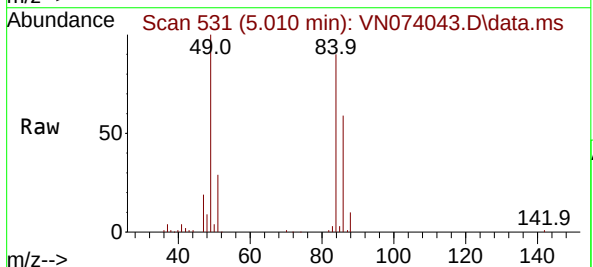
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

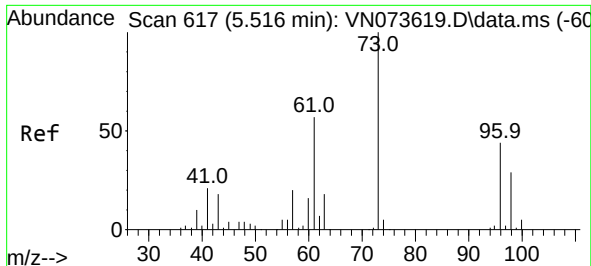
Tgt Ion: 73 Resp: 635757
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4



#20
Methylene Chloride
Concen: 44.518 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 84 Resp: 218426
Ion Ratio Lower Upper
84 100
49 110.8 88.3 132.5
51 32.1 28.2 42.2
86 64.9 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 47.855 ug/l

RT: 5.510 min Scan# 617

Delta R.T. -0.006 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

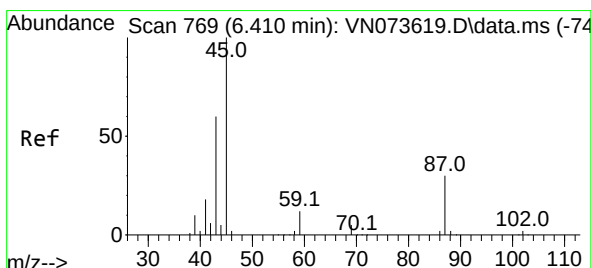
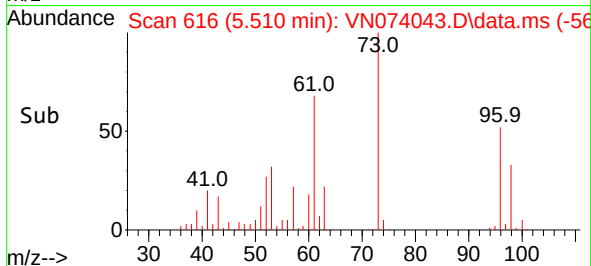
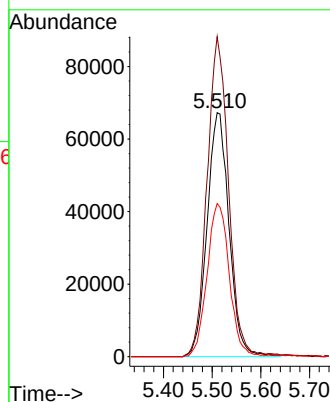
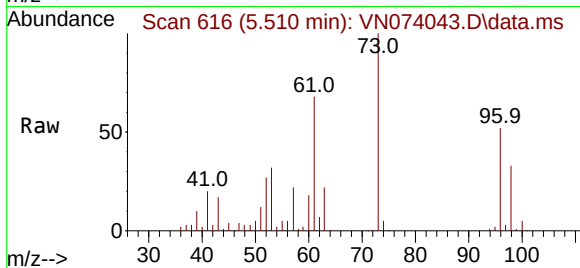
Tgt Ion: 96 Resp: 210551

Ion Ratio Lower Upper

96 100

61 131.2 105.8 158.8

98 62.7 50.3 75.5



#22

Diisopropyl ether

Concen: 49.898 ug/l

RT: 6.410 min Scan# 769

Delta R.T. 0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Tgt Ion: 45 Resp: 625730

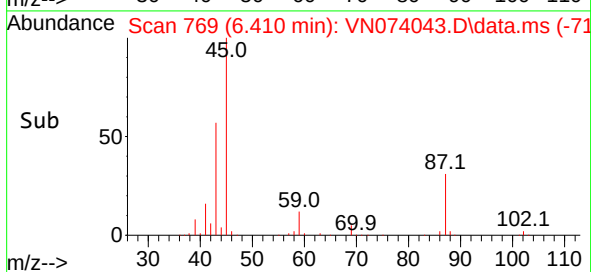
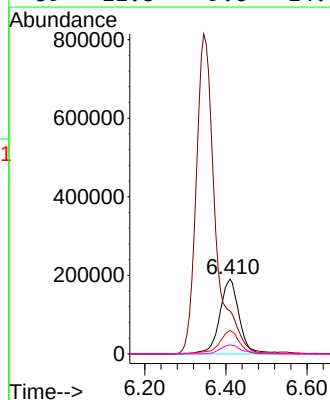
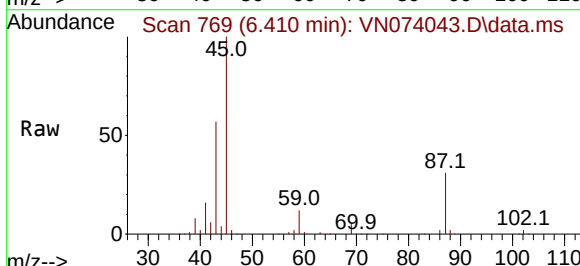
Ion Ratio Lower Upper

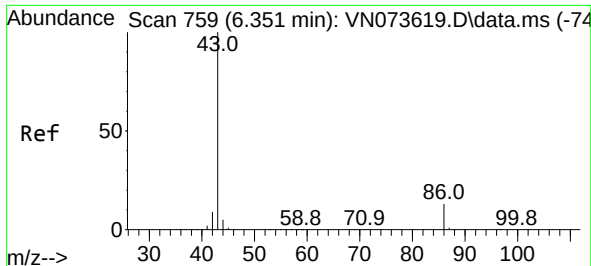
45 100

43 55.4 46.6 70.0

87 31.0 24.3 36.5

59 11.8 9.6 14.4

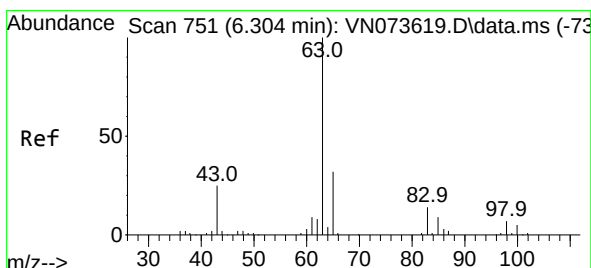
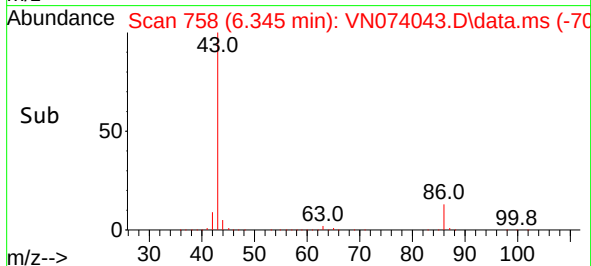
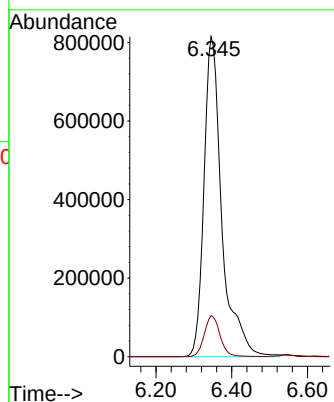
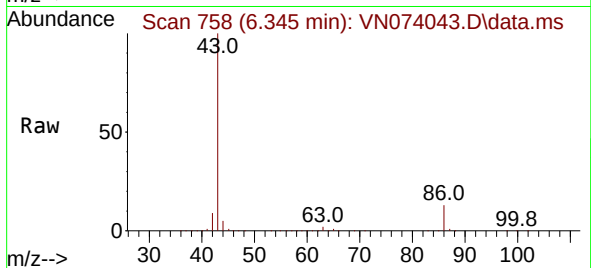




#23
 Vinyl Acetate
 Concen: 248.506 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

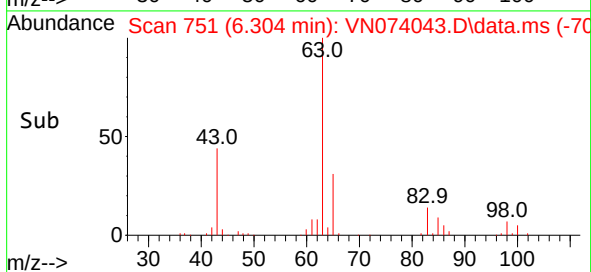
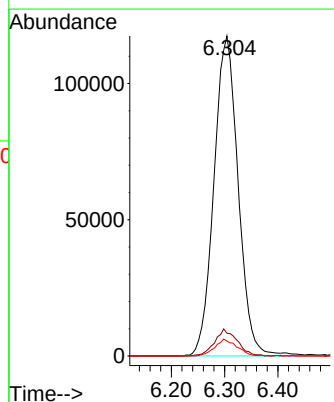
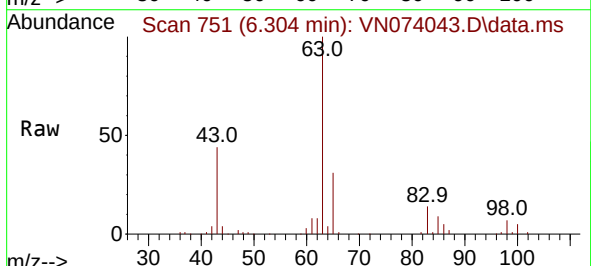
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

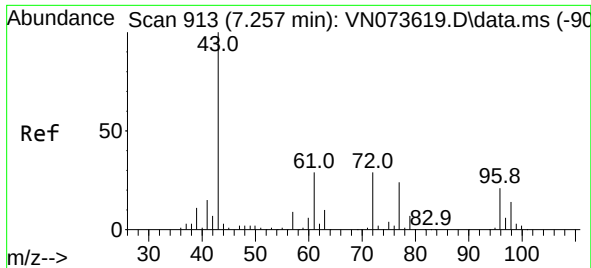
Tgt Ion: 43 Resp: 2670528
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 47.394 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

Tgt Ion: 63 Resp: 369945
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.7 2.3 6.8

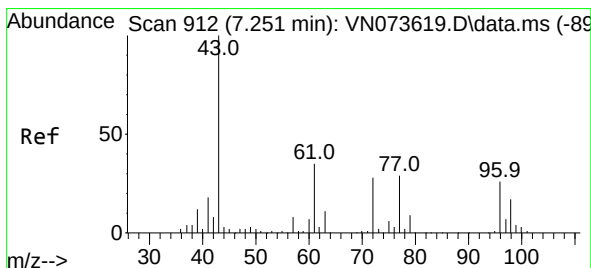
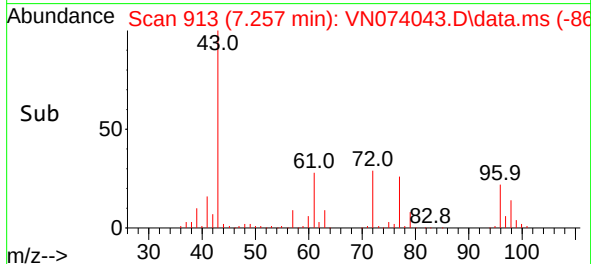
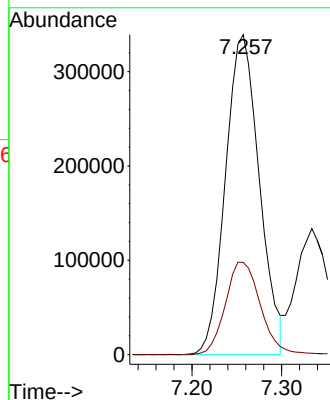
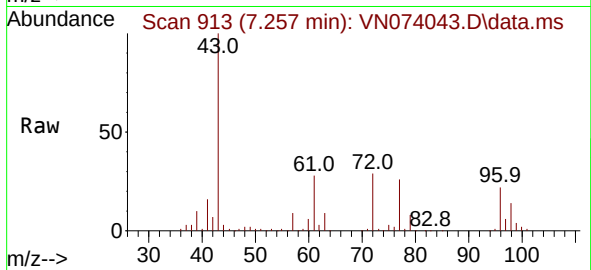




#25
2-Butanone
Concen: 240.970 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

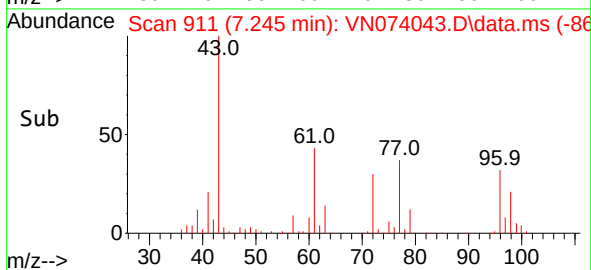
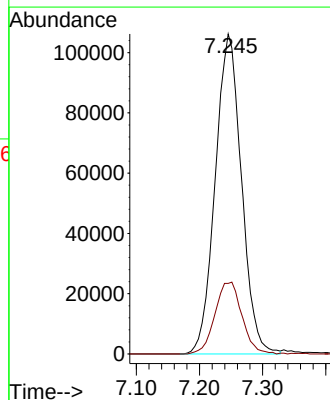
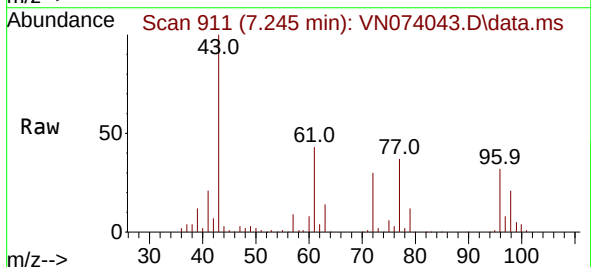
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

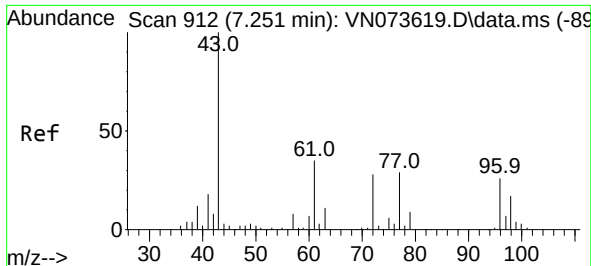
Tgt Ion: 43 Resp: 888410
Ion Ratio Lower Upper
43 100
72 28.8 23.7 35.5



#26
2,2-Dichloropropane
Concen: 41.807 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 77 Resp: 306599
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2



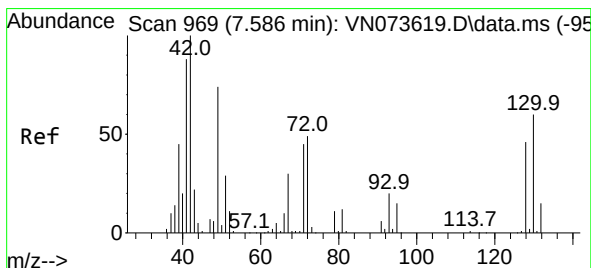
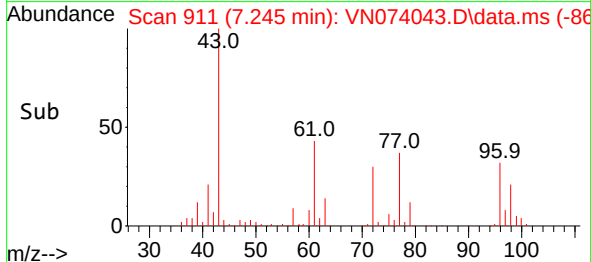
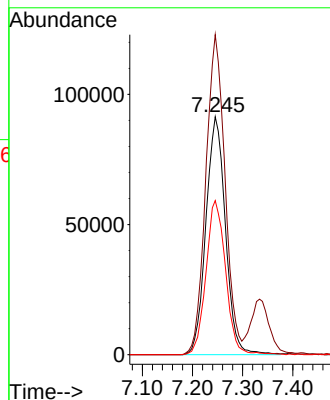
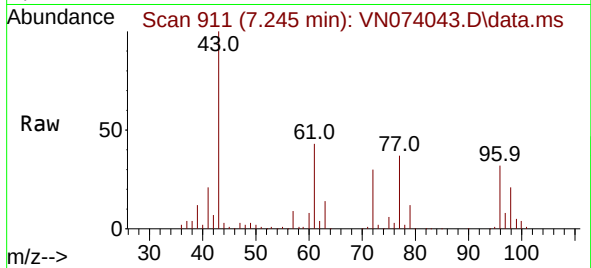


#27
 cis-1,2-Dichloroethene
 Concen: 45.666 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 247893

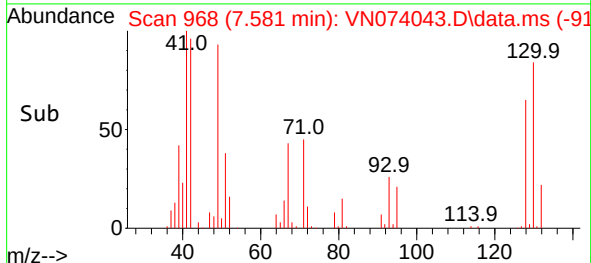
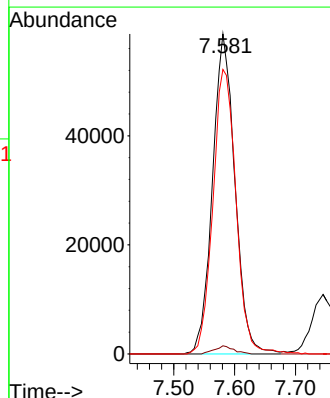
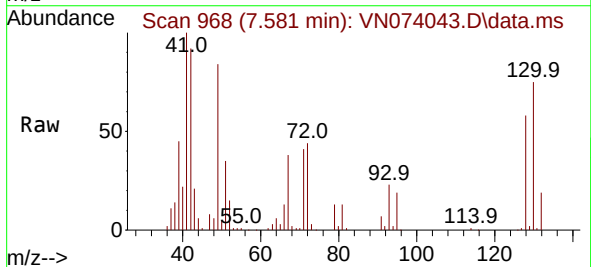
Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	280.6
98	65.1	0.0	128.4

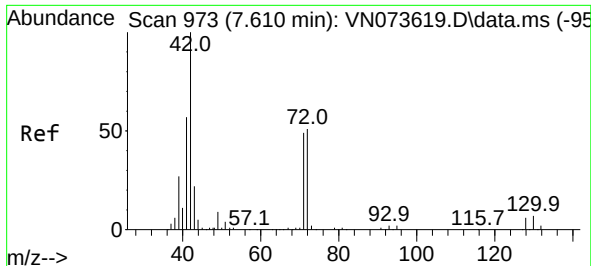


#28
 Bromochloromethane
 Concen: 52.165 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.005 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

Tgt Ion: 49 Resp: 150179

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	91.7	69.7	104.5

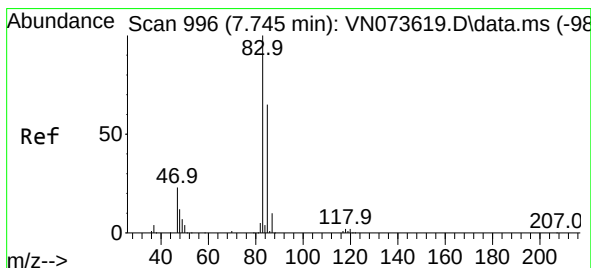
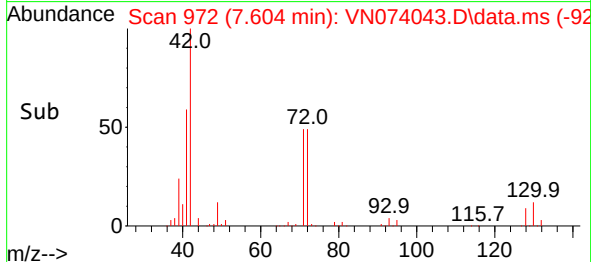
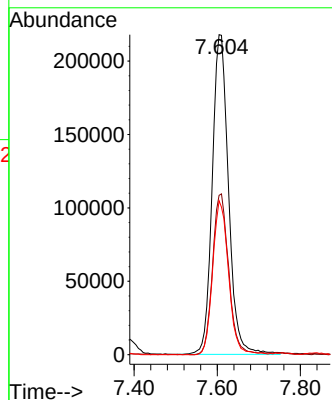
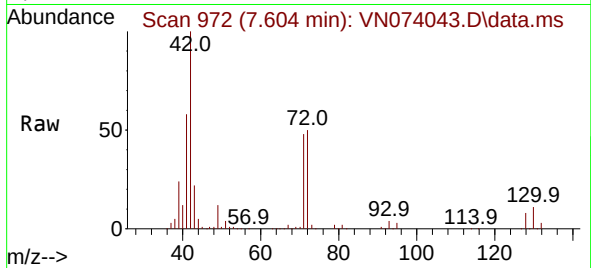




#29
Tetrahydrofuran
Concen: 250.962 ug/l
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

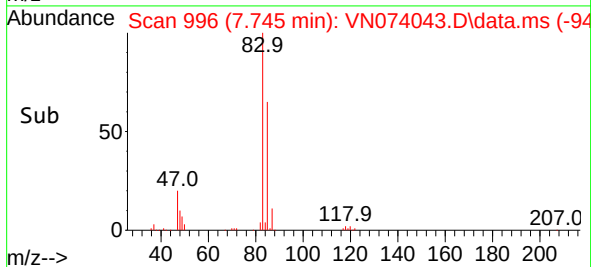
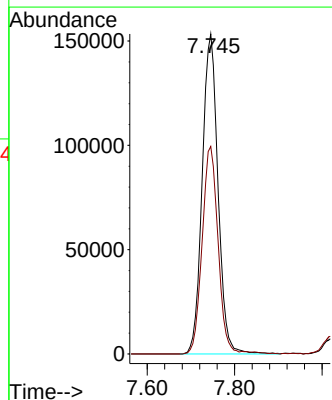
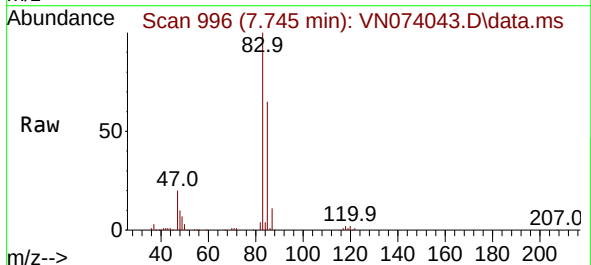
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

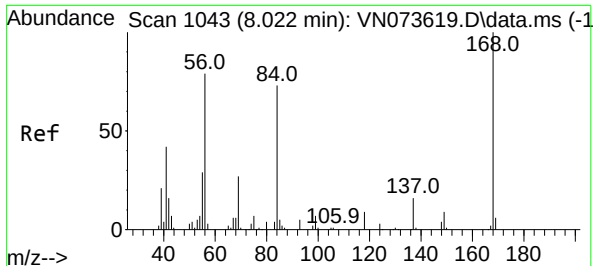
Tgt Ion: 42 Resp: 593529
Ion Ratio Lower Upper
42 100
72 49.9 39.7 59.5
71 46.8 36.6 55.0



#30
Chloroform
Concen: 44.228 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 83 Resp: 386034
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8

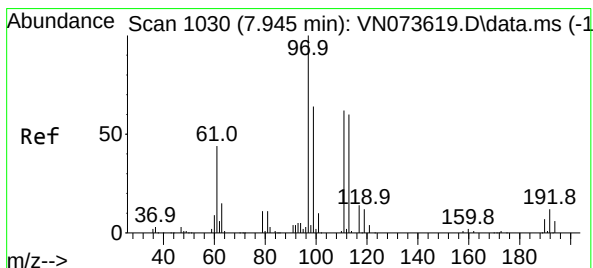
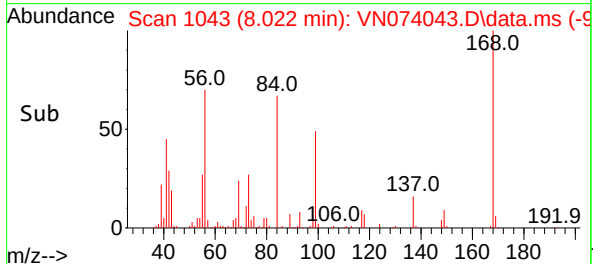
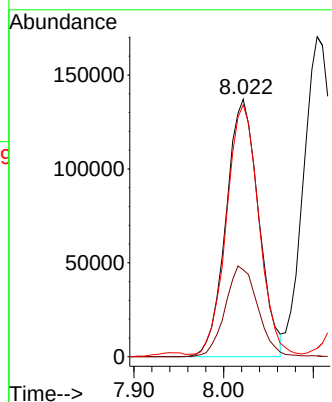
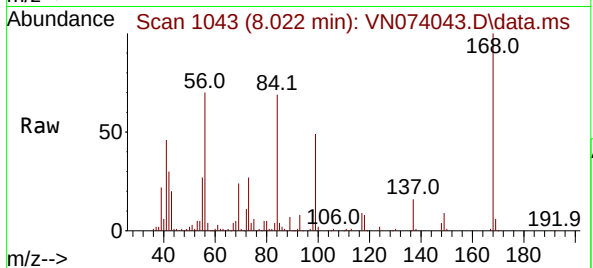




#31
Cyclohexane
Concen: 50.229 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

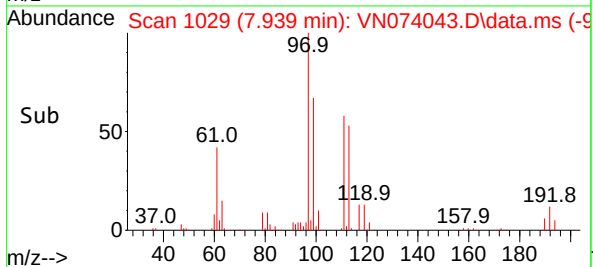
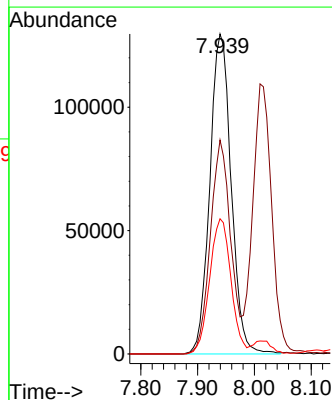
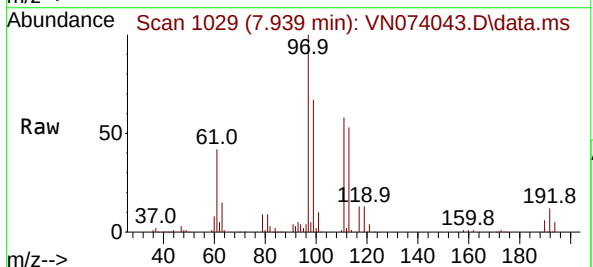
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

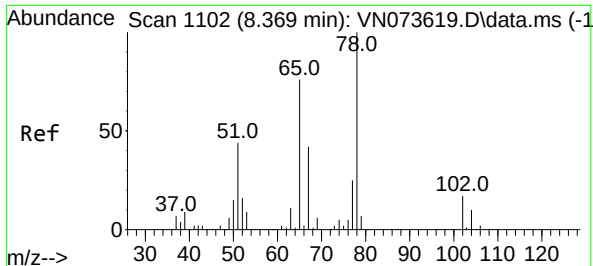
Tgt Ion: 56 Resp: 345095
Ion Ratio Lower Upper
56 100
69 33.7 27.8 41.8
84 96.4 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 43.688 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 97 Resp: 338154
Ion Ratio Lower Upper
97 100
99 63.0 50.6 76.0
61 42.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 47.501 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

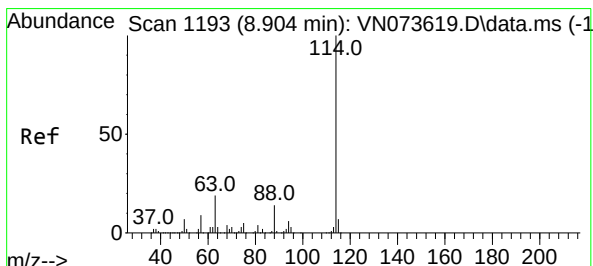
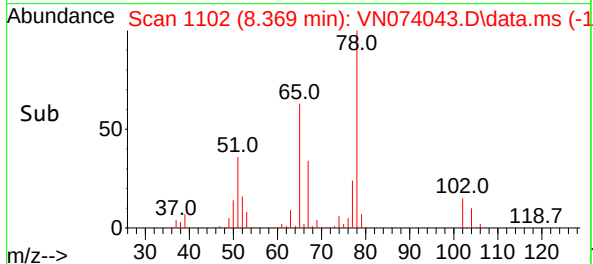
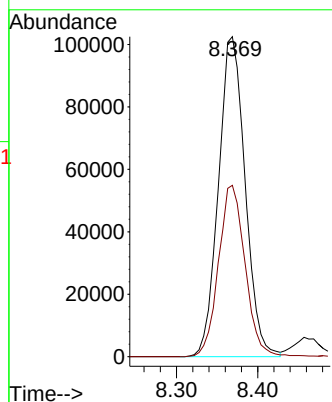
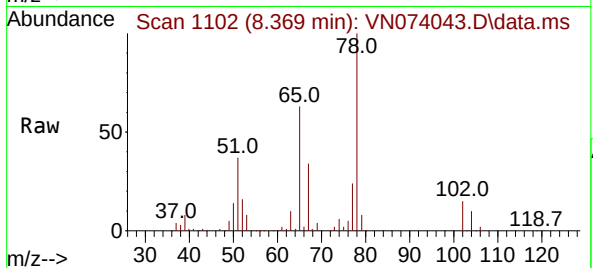
VSTDCCC050

Tgt Ion: 65 Resp: 234106

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

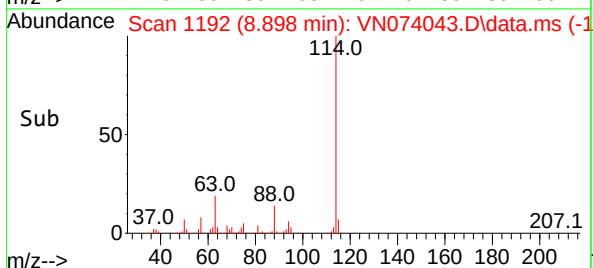
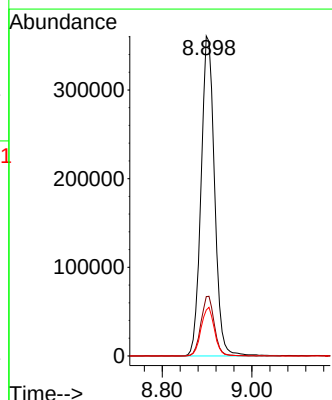
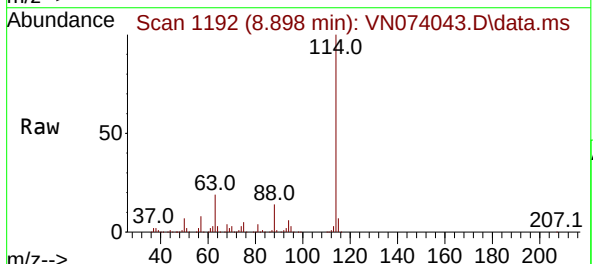
Tgt Ion: 114 Resp: 753587

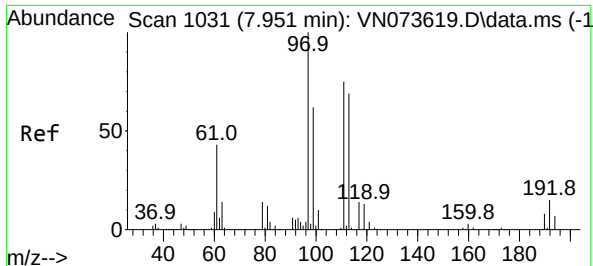
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.670 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

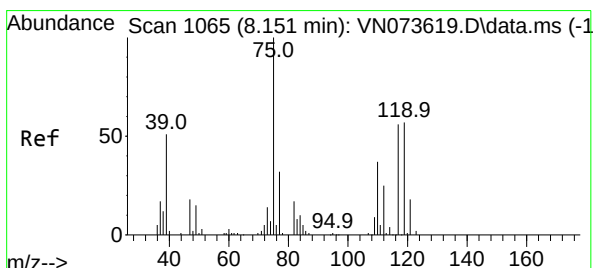
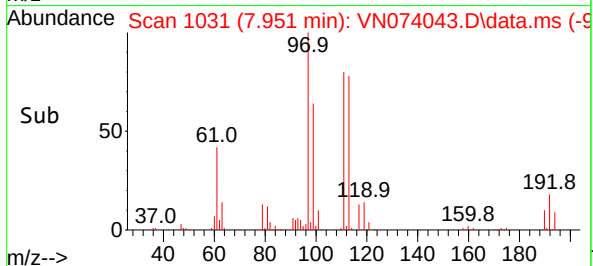
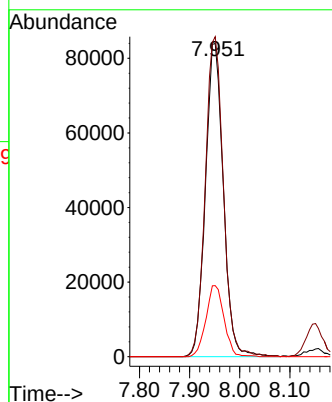
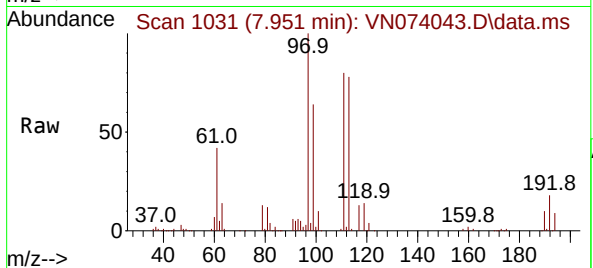
Tgt Ion:113 Resp: 207990

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 23.0 17.0 25.6



#36

1,1-Dichloropropene

Concen: 48.236 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

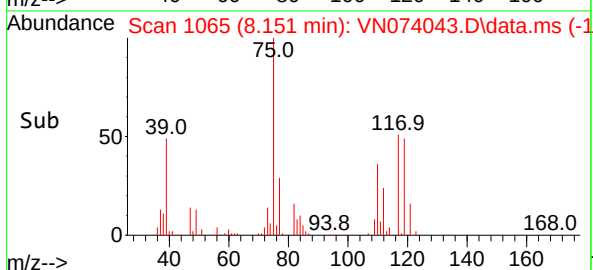
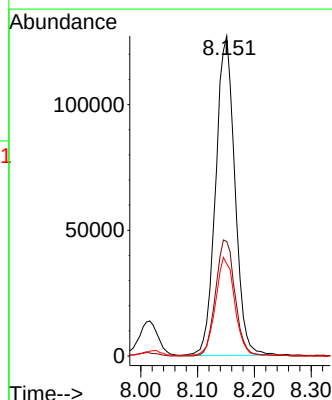
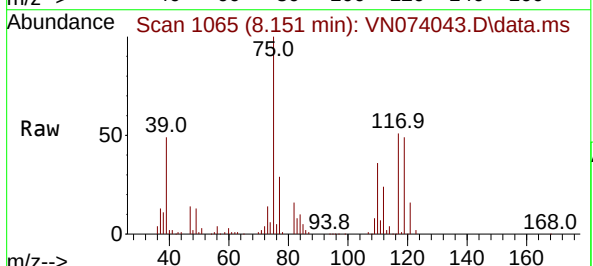
Tgt Ion: 75 Resp: 298588

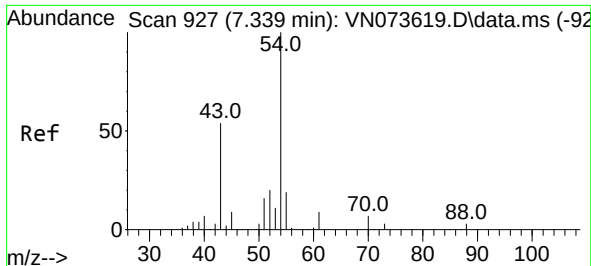
Ion Ratio Lower Upper

75 100

110 36.8 18.3 54.8

77 31.3 25.1 37.7

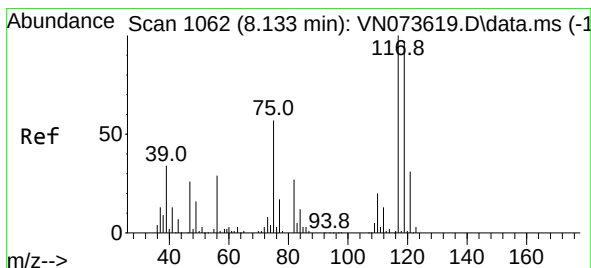
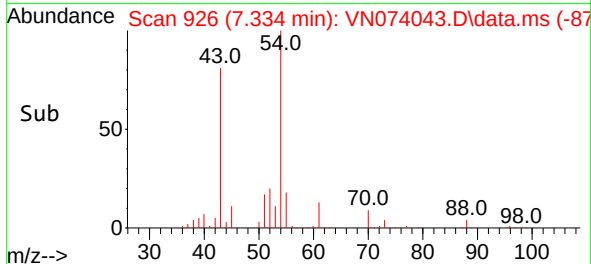
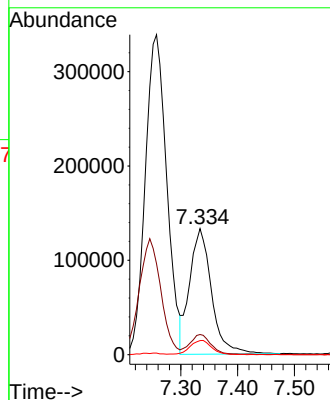
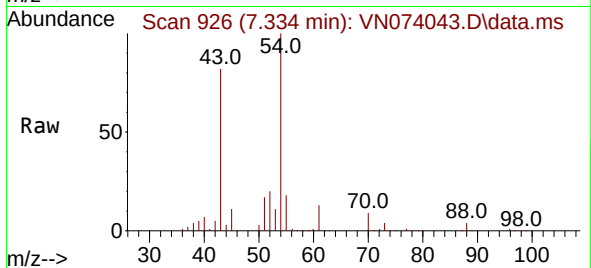




#37
Ethyl Acetate
Concen: 47.614 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

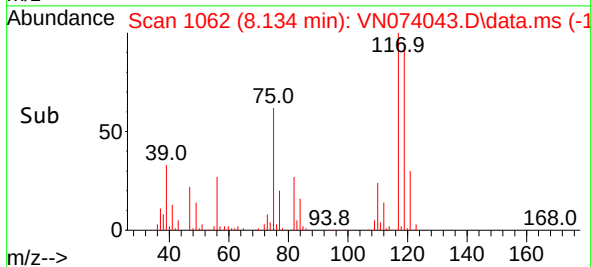
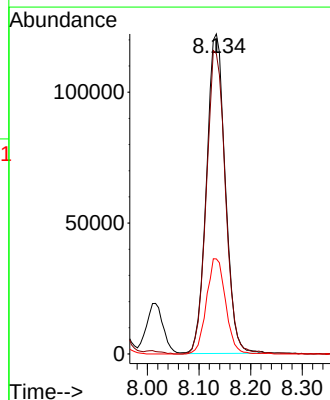
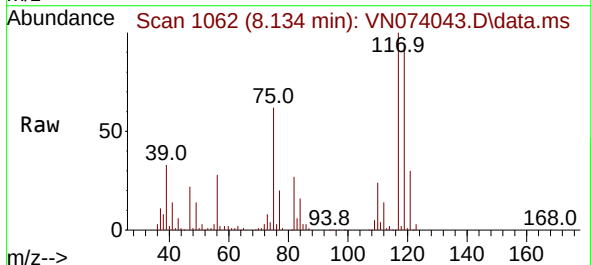
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

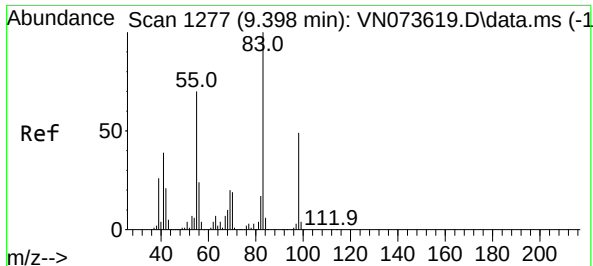
Tgt Ion: 43 Resp: 357068
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.6
70 10.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 43.684 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.001 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 117 Resp: 309085
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.8
121 29.8 24.6 37.0





#39

Methylcyclohexane

Concen: 49.327 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

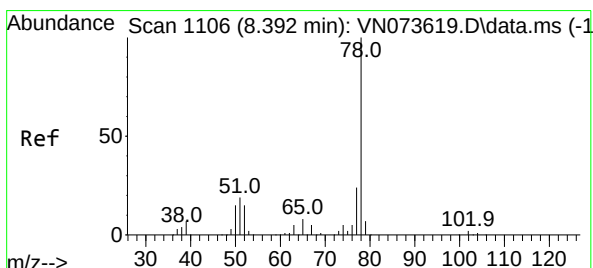
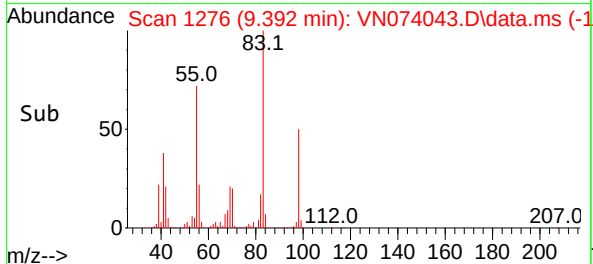
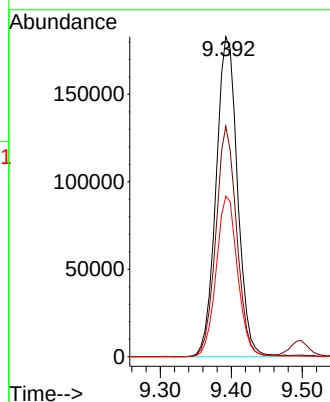
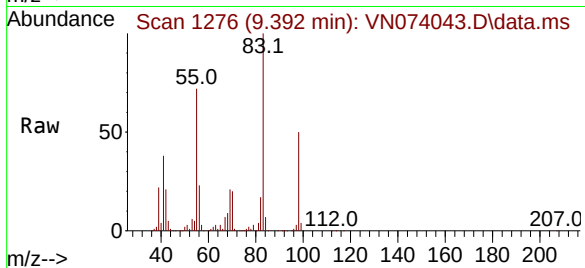
Tgt Ion: 83 Resp: 382597

Ion Ratio Lower Upper

83 100

55 72.0 57.8 86.8

98 50.1 39.4 59.2



#40

Benzene

Concen: 46.095 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN074043.D

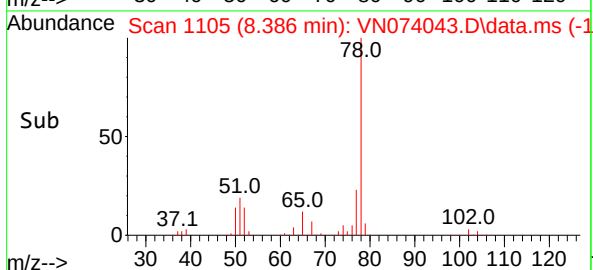
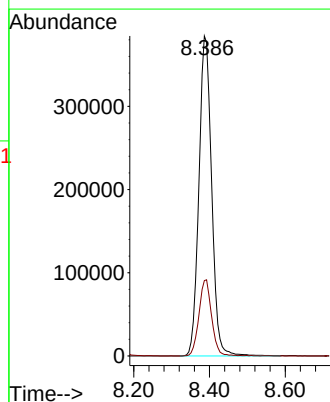
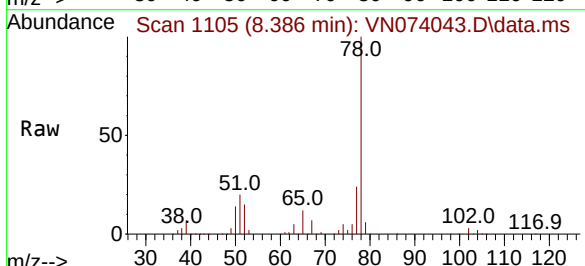
Acq: 22 Aug 2022 13:03

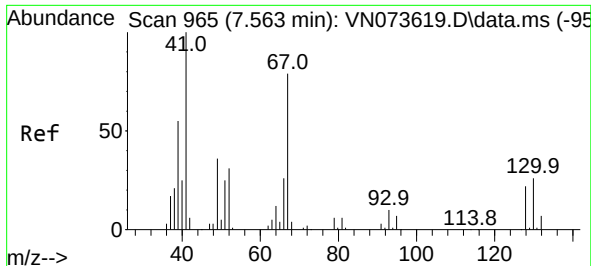
Tgt Ion: 78 Resp: 900568

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0



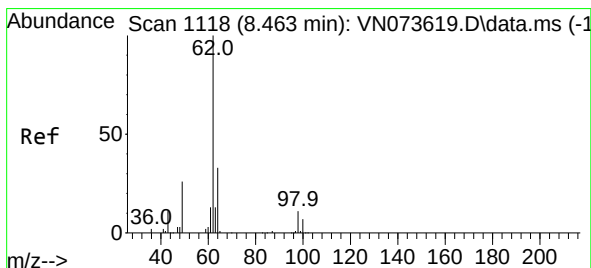
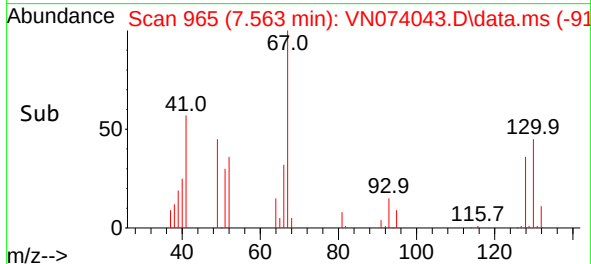
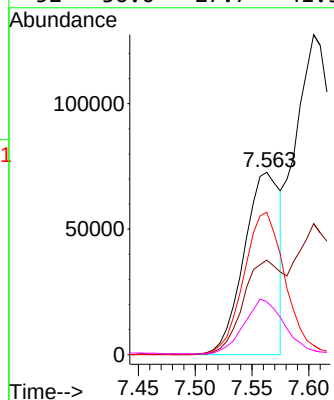
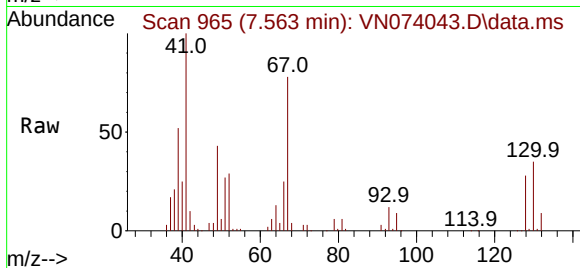


#41
Methacrylonitrile
Concen: 47.332 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 160411

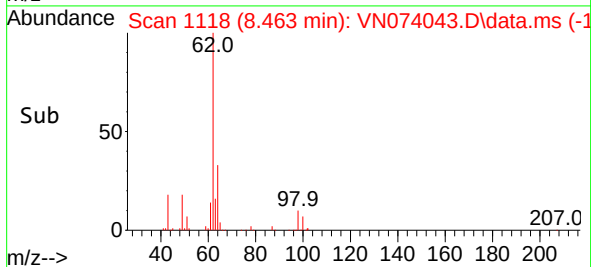
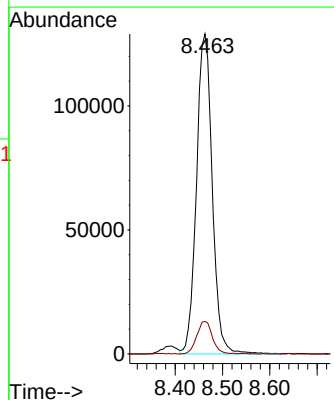
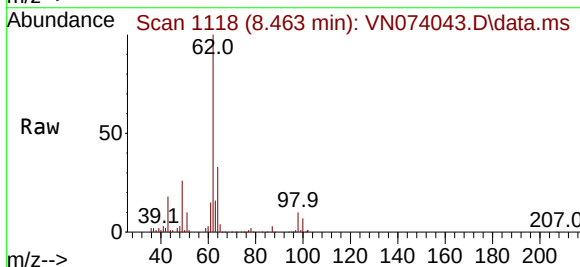
Ion	Ratio	Lower	Upper
41	100		
39	59.6	48.6	73.0
67	91.3	73.4	110.2
52	36.0	27.7	41.5

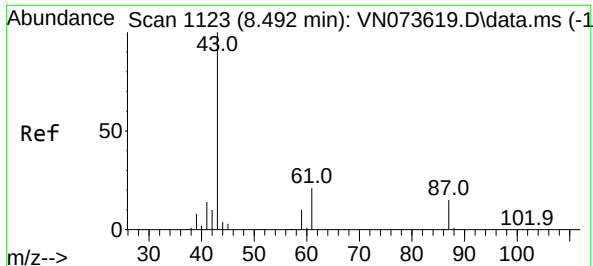


#42
1,2-Dichloroethane
Concen: 44.521 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 62 Resp: 299076

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4

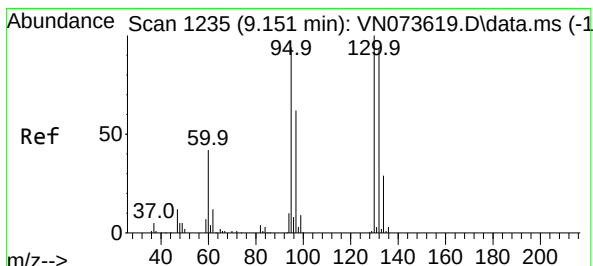
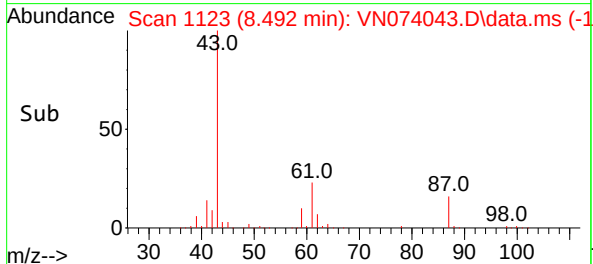
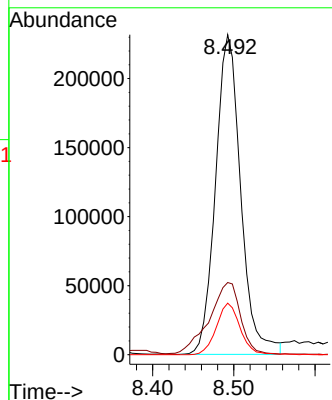
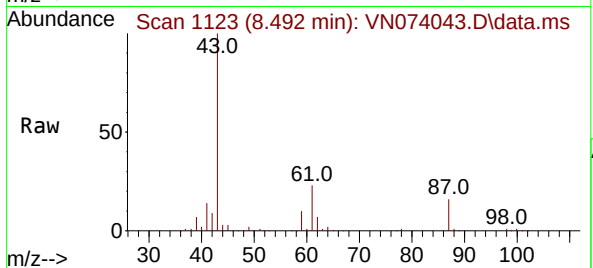




#43
Isopropyl Acetate
Concen: 46.801 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

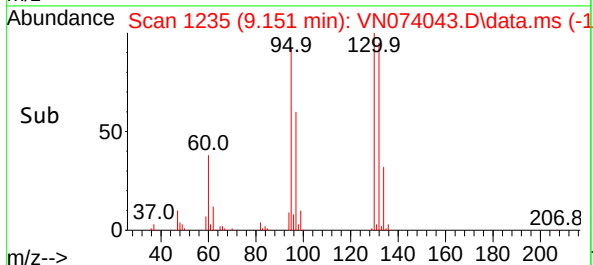
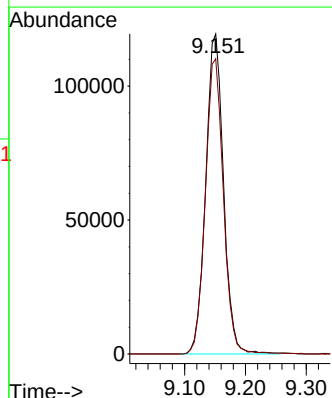
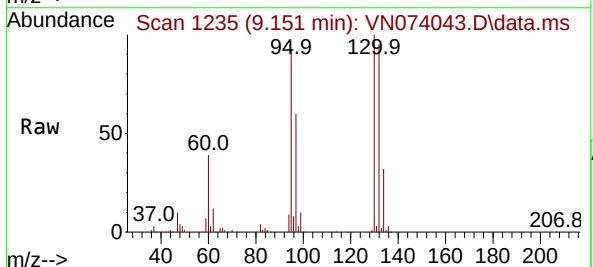
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

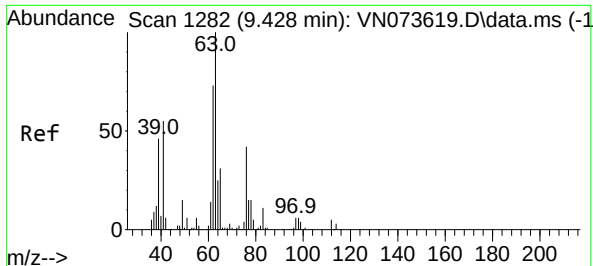
Tgt Ion: 43 Resp: 499989
Ion Ratio Lower Upper
43 100
61 28.4 21.9 32.9
87 15.2 12.0 18.0



#44
Trichloroethene
Concen: 43.048 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion:130 Resp: 242915
Ion Ratio Lower Upper
130 100
95 92.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 47.318 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

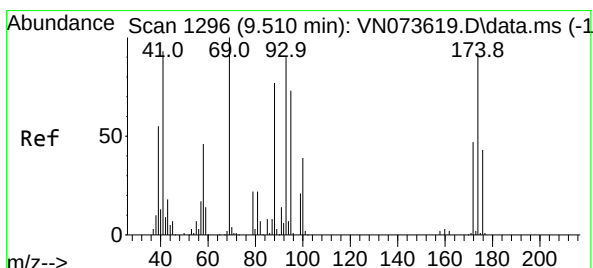
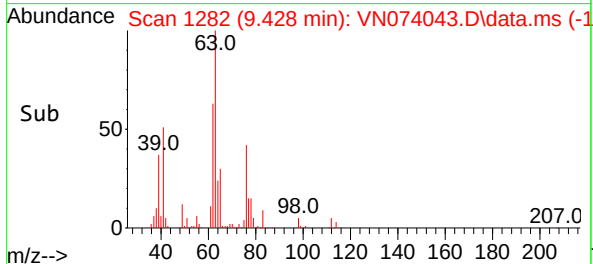
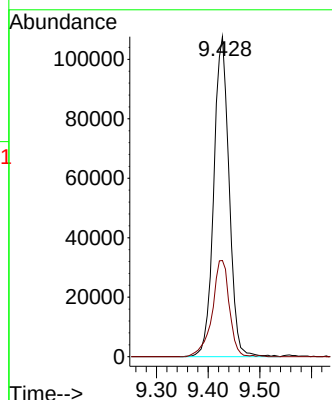
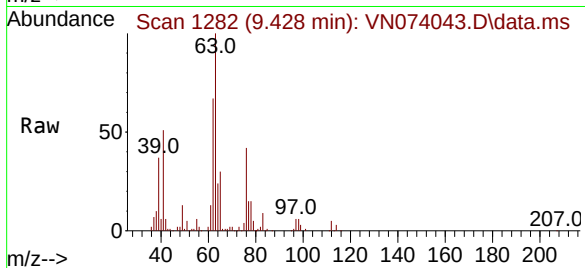
VSTDCCC050

Tgt Ion: 63 Resp: 221583

Ion Ratio Lower Upper

63 100

65 30.0 24.9 37.3



#46

Dibromomethane

Concen: 43.833 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

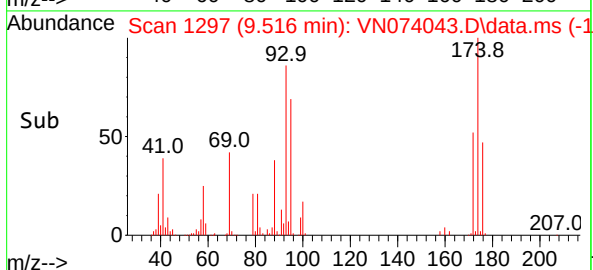
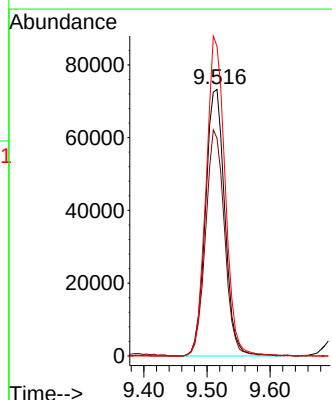
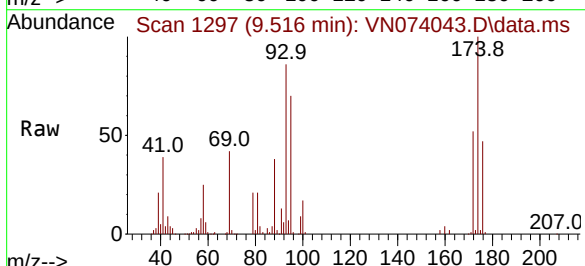
Tgt Ion: 93 Resp: 156056

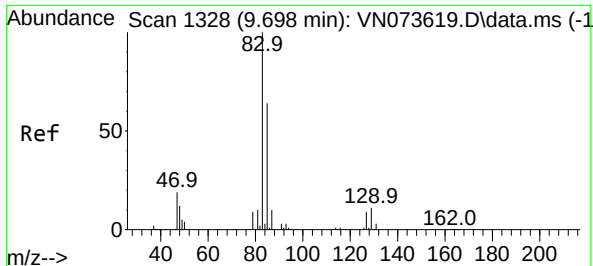
Ion Ratio Lower Upper

93 100

95 83.3 66.9 100.3

174 117.7 86.6 130.0





#47

Bromodichloromethane

Concen: 46.120 ug/l

RT: 9.698 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

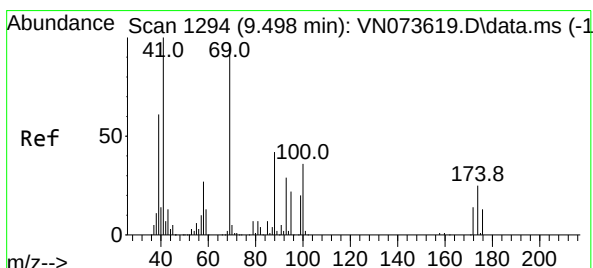
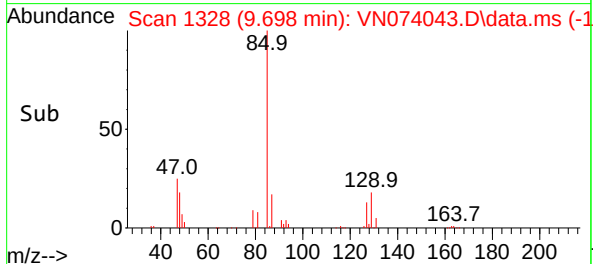
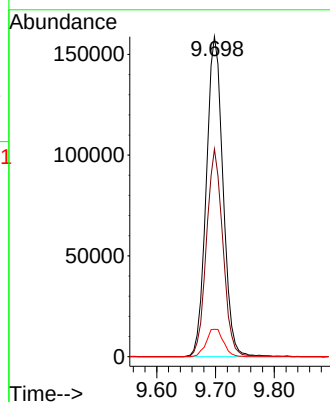
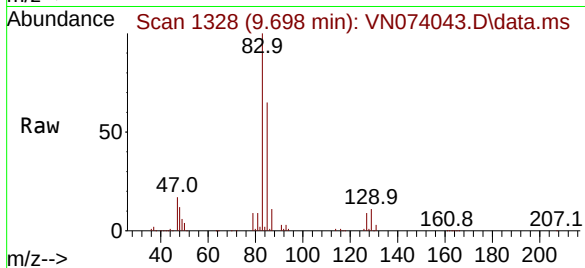
Tgt Ion: 83 Resp: 313837

Ion Ratio Lower Upper

83 100

85 64.9 50.5 75.7

127 8.6 6.8 10.2



#48

Methyl methacrylate

Concen: 51.550 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

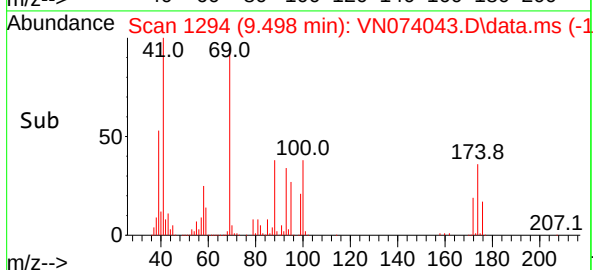
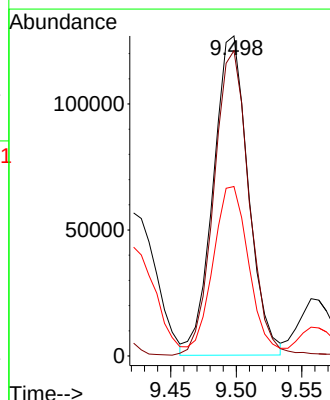
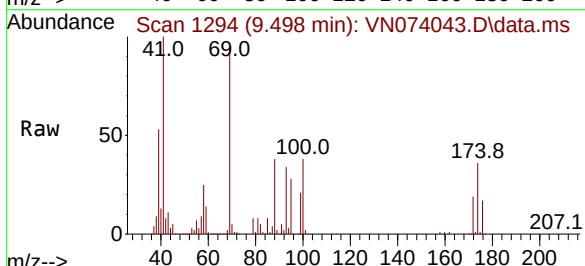
Tgt Ion: 41 Resp: 235646

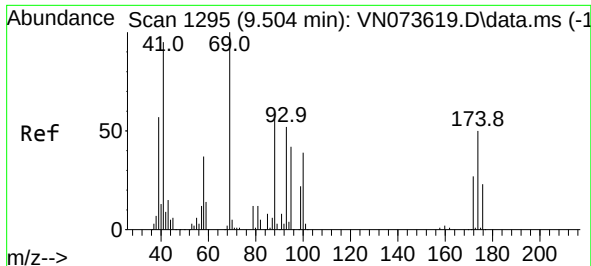
Ion Ratio Lower Upper

41 100

69 96.7 74.7 112.1

39 49.8 45.6 68.4





#49

1,4-Dioxane

Concen: 772.506 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

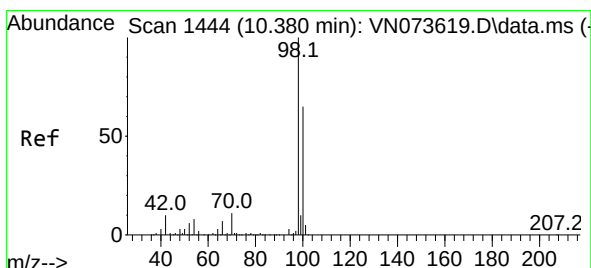
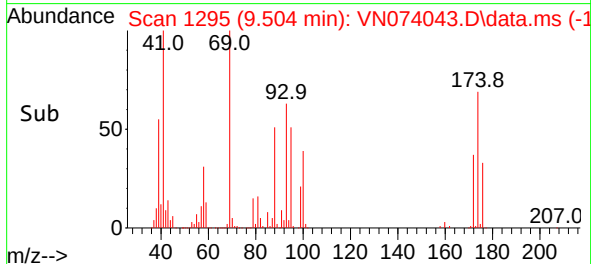
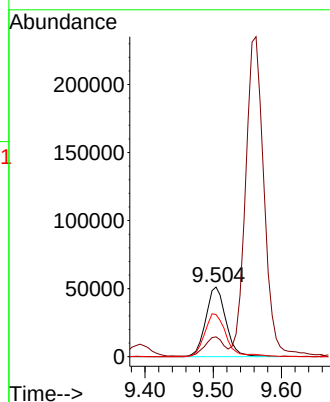
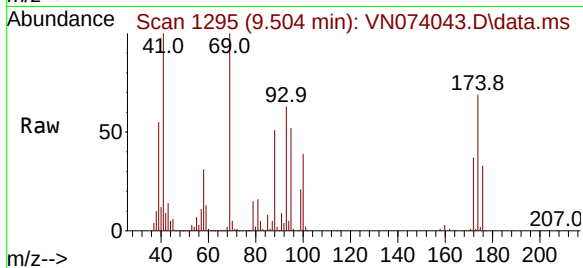
Tgt Ion: 88 Resp: 105014

Ion Ratio Lower Upper

88 100

43 25.4 20.2 30.4

58 66.6 54.2 81.4



#50

Toluene-d8

Concen: 46.083 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074043.D

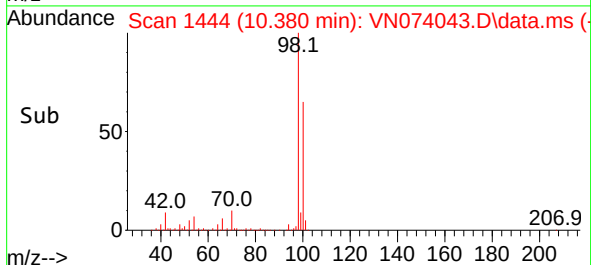
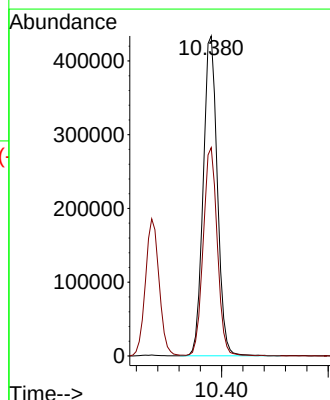
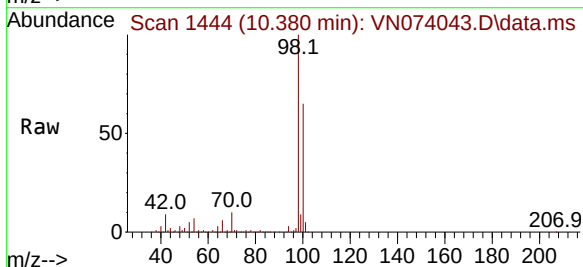
Acq: 22 Aug 2022 13:03

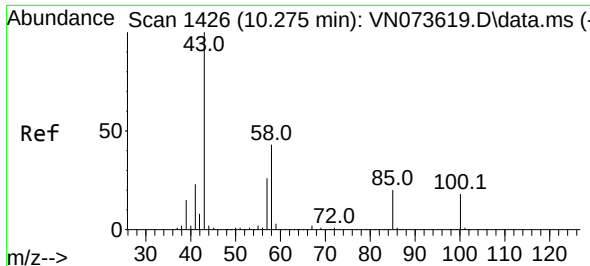
Tgt Ion: 98 Resp: 795406

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

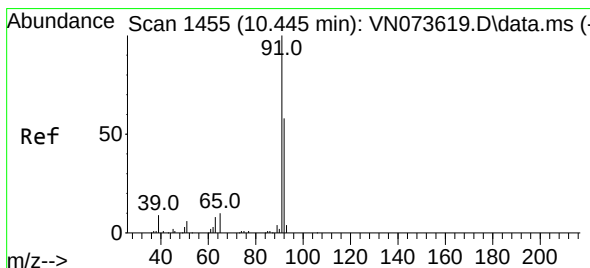
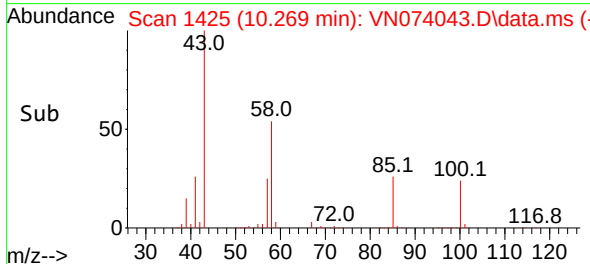
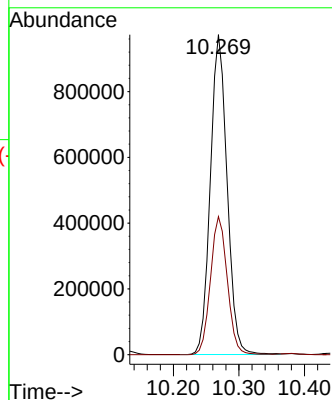
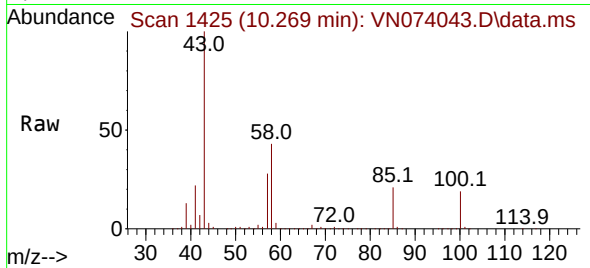




#51
4-Methyl-2-Pentanone
Concen: 238.960 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

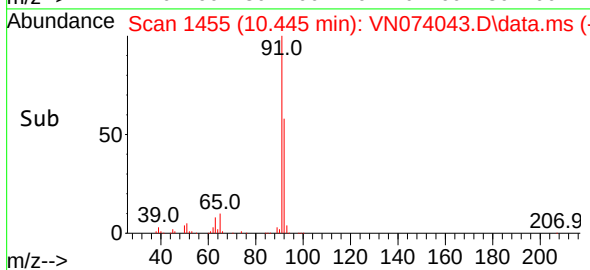
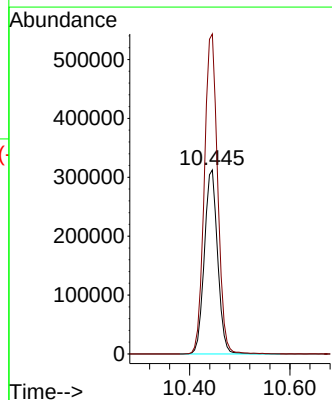
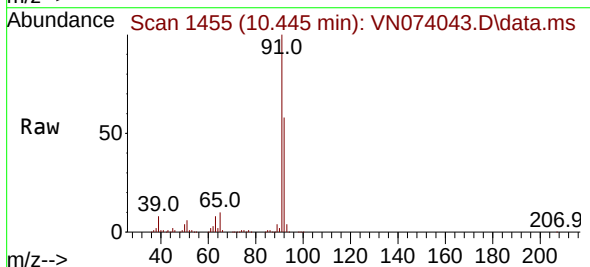
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

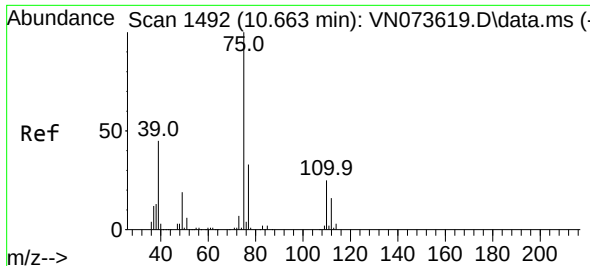
Tgt Ion: 43 Resp: 1726009
Ion Ratio Lower Upper
43 100
58 43.4 34.1 51.1



#52
Toluene
Concen: 42.900 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 92 Resp: 574719
Ion Ratio Lower Upper
92 100
91 175.0 138.6 207.8

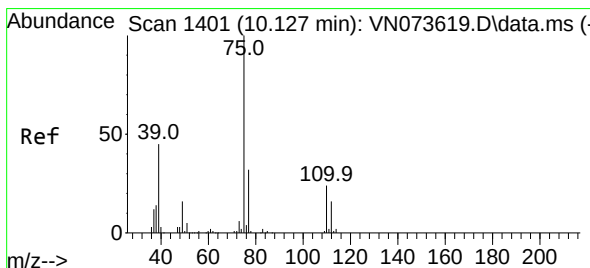
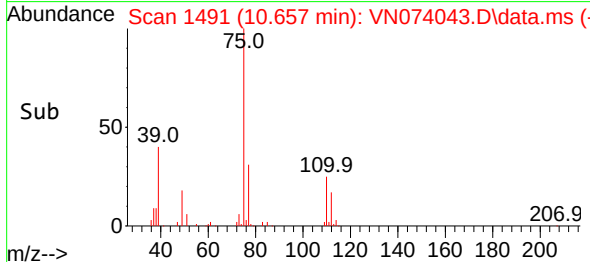
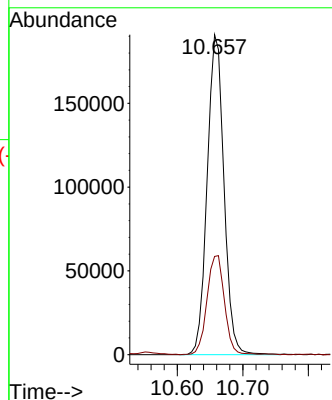
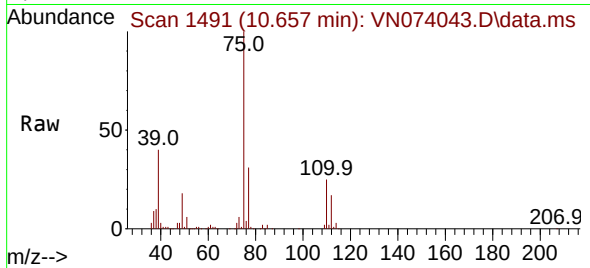




#53
 t-1,3-Dichloropropene
 Concen: 47.614 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

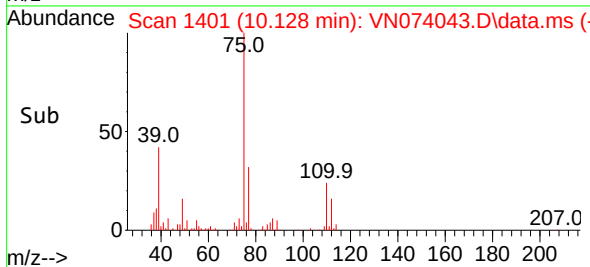
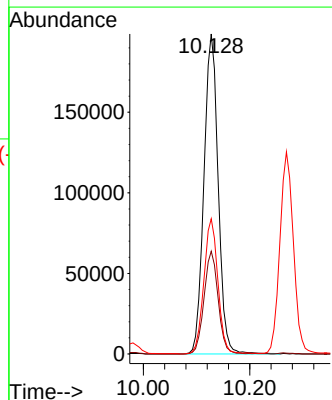
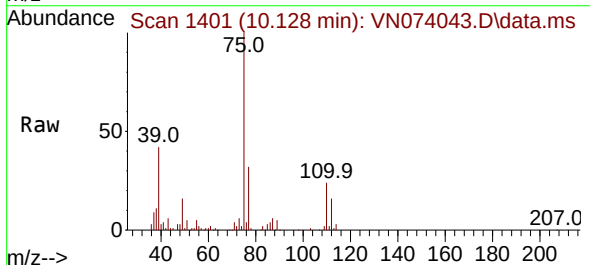
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

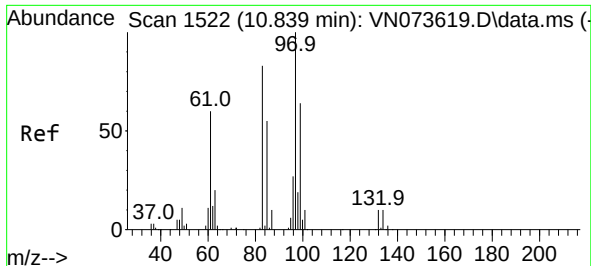
Tgt Ion: 75 Resp: 339988
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 47.185 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.001 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

Tgt Ion: 75 Resp: 368642
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 42.3 35.7 53.5

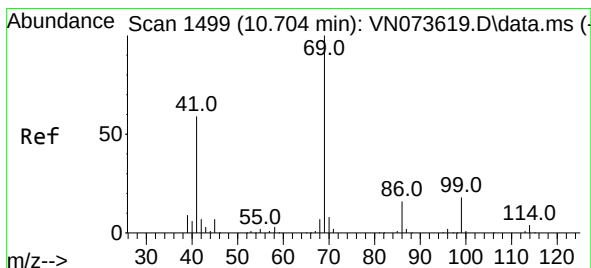
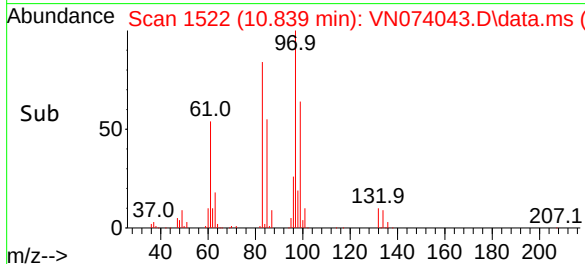
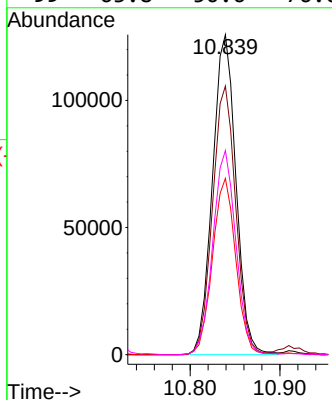
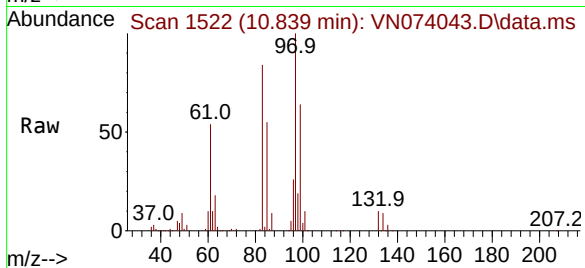




#55
 1,1,2-Trichloroethane
 Concen: 43.848 ug/l
 RT: 10.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

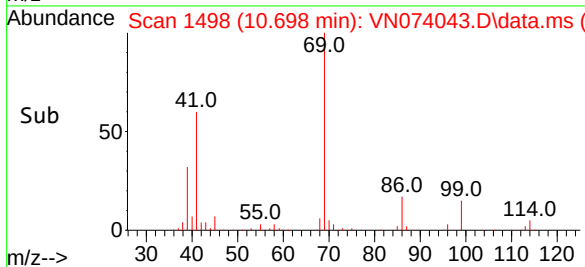
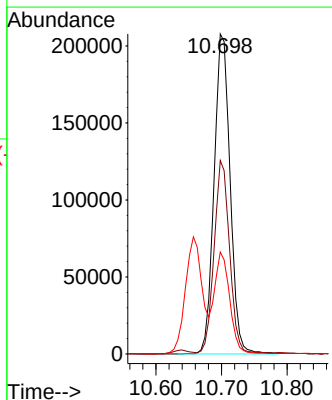
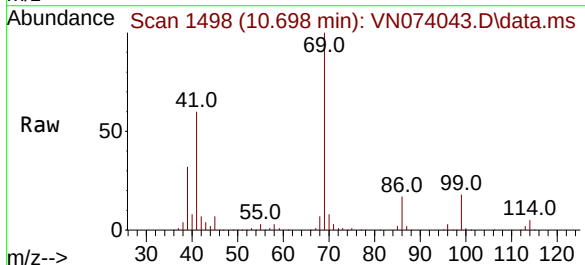
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

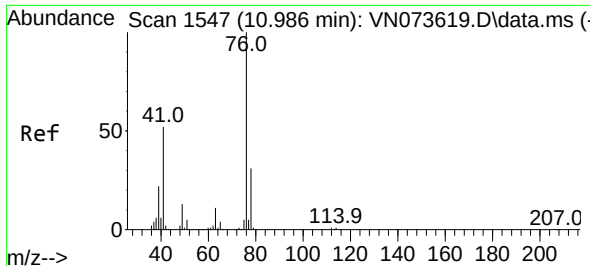
Tgt Ion:	97	Resp:	228506
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.2	99.4
85	55.1	43.9	65.9
99	63.8	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 47.411 ug/l
 RT: 10.698 min Scan# 1498
 Delta R.T. -0.006 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

Tgt Ion:	69	Resp:	352388
Ion	Ratio	Lower	Upper
69	100		
41	57.8	47.8	71.6
39	30.0	27.3	40.9





#57

1,3-Dichloropropane

Concen: 45.564 ug/l

RT: 10.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

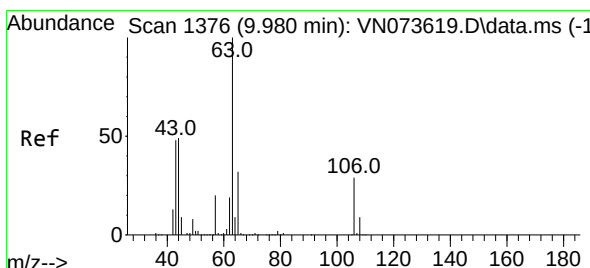
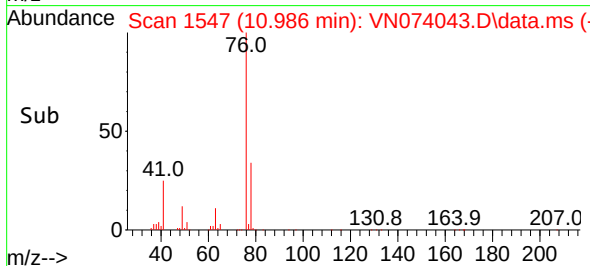
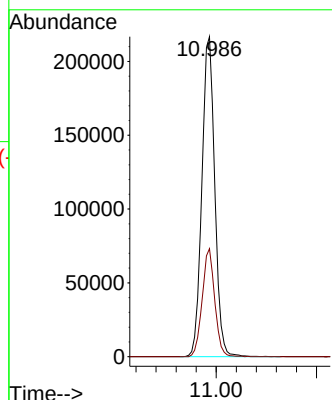
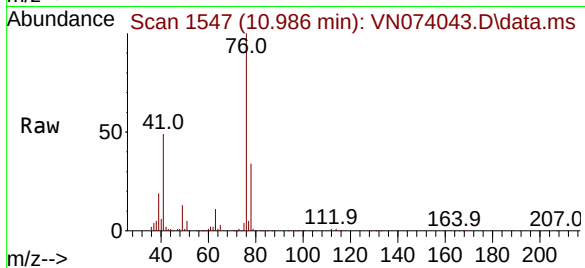
VSTDCCC050

Tgt Ion: 76 Resp: 386068

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 192.004 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074043.D

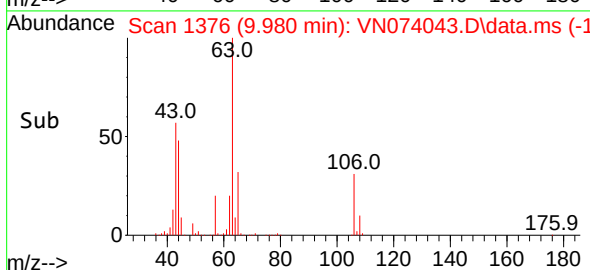
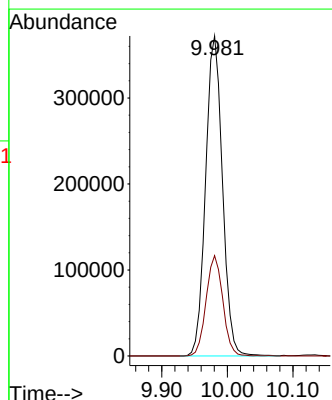
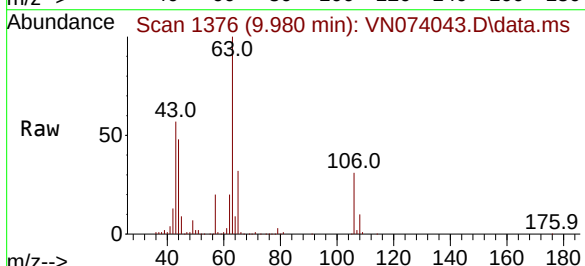
Acq: 22 Aug 2022 13:03

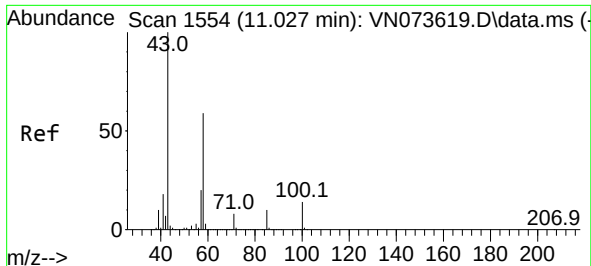
Tgt Ion: 63 Resp: 666047

Ion Ratio Lower Upper

63 100

106 31.1 24.6 36.8

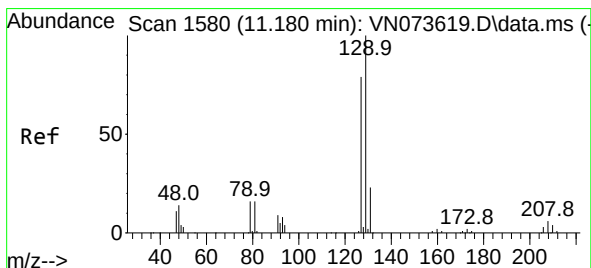
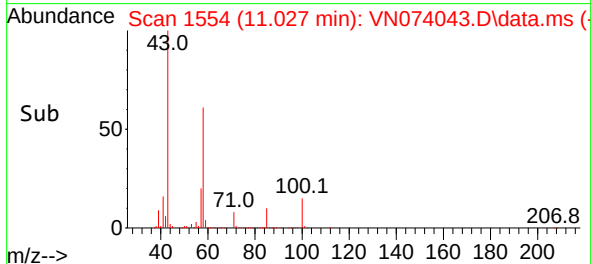
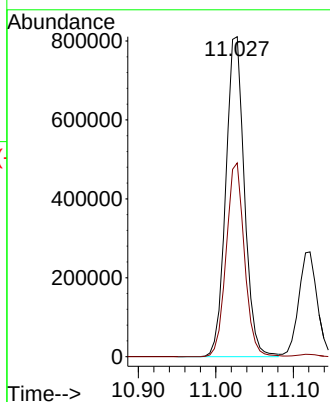
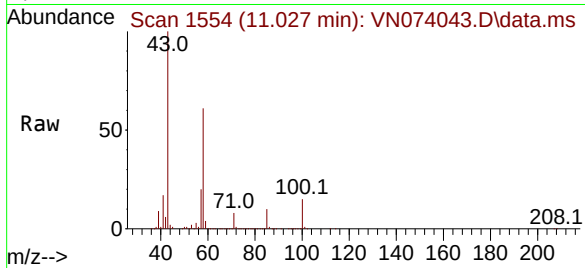




#59
2-Hexanone
Concen: 243.592 ug/l
RT: 11.027 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

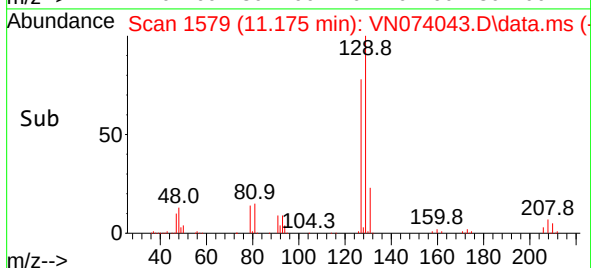
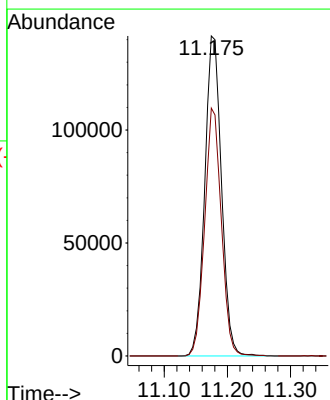
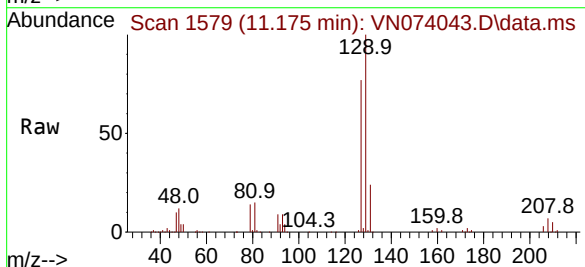
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

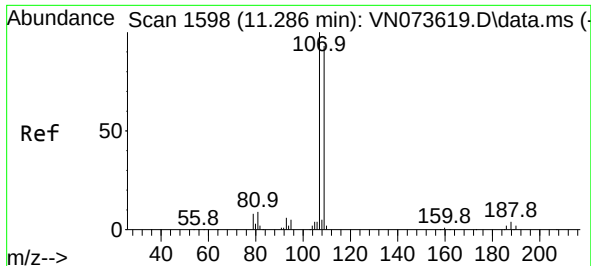
Tgt Ion: 43 Resp: 1354098
Ion Ratio Lower Upper
43 100
58 59.5 29.7 89.1



#60
Dibromochloromethane
Concen: 45.261 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.005 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 129 Resp: 260835
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4

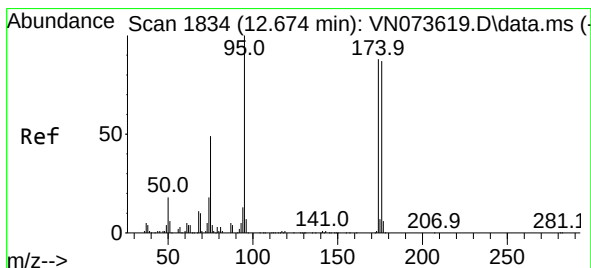
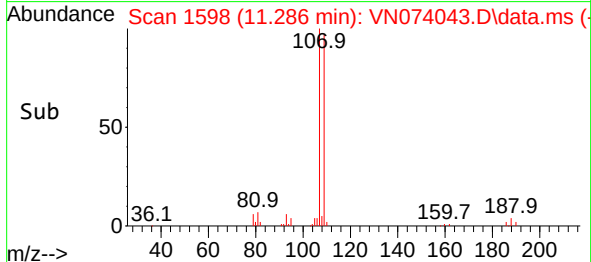
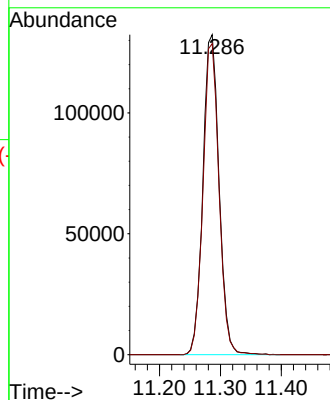
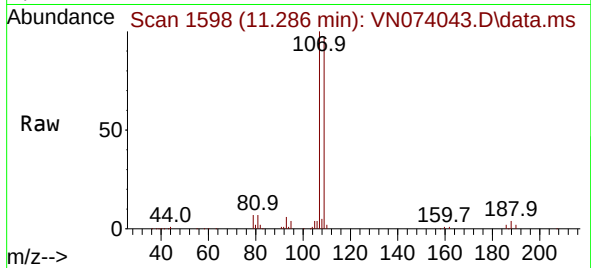




#61
1,2-Dibromoethane
Concen: 43.899 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

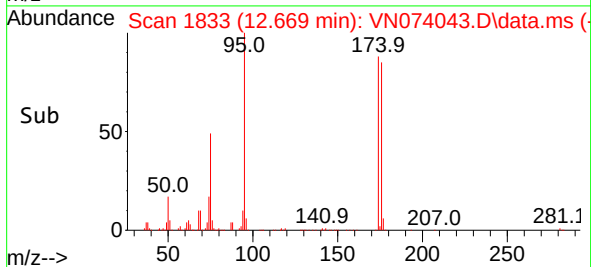
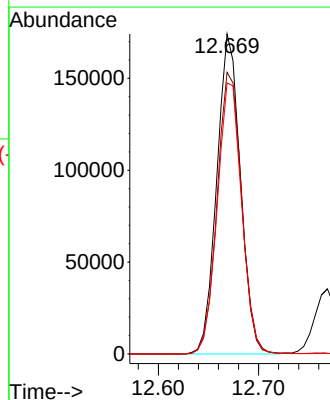
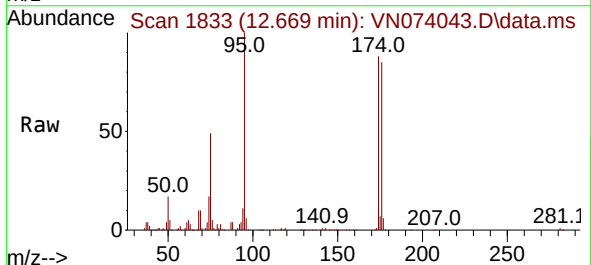
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

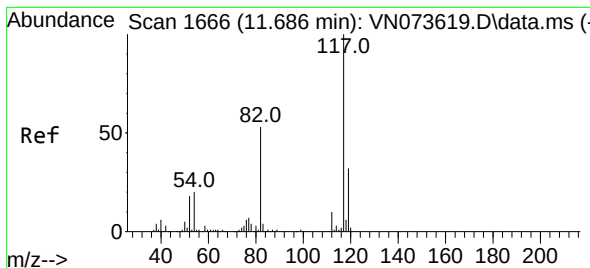
Tgt Ion:107 Resp: 244685
Ion Ratio Lower Upper
107 100
109 96.0 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 49.633 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 95 Resp: 284314
Ion Ratio Lower Upper
95 100
174 91.8 0.0 167.6
176 88.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

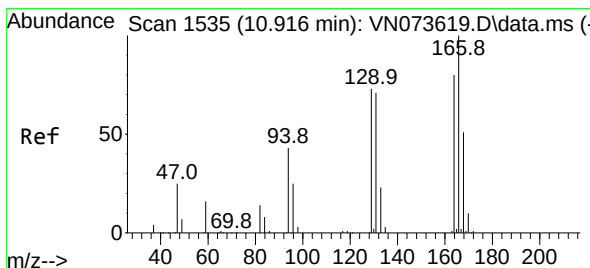
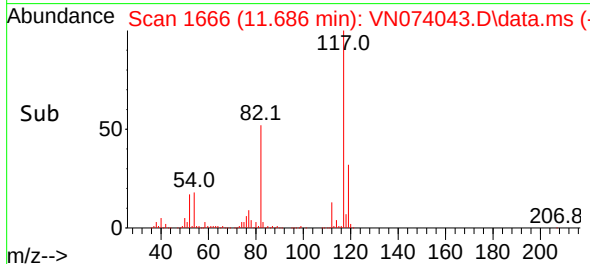
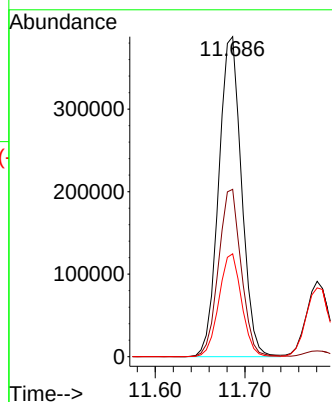
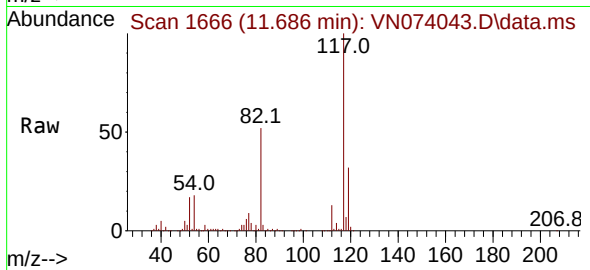
Tgt Ion:117 Resp: 685394

Ion Ratio Lower Upper

117 100

82 52.3 44.2 66.2

119 32.2 25.4 38.0



#64

Tetrachloroethene

Concen: 40.337 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. -0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Tgt Ion:164 Resp: 218212

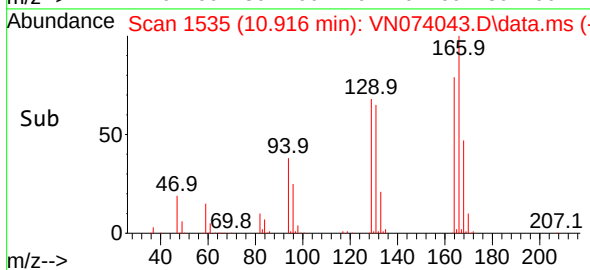
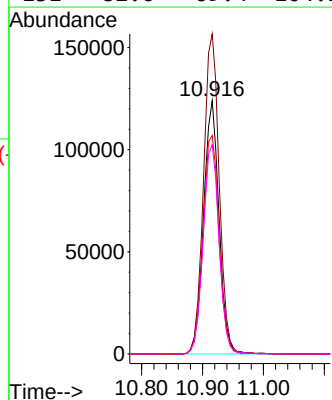
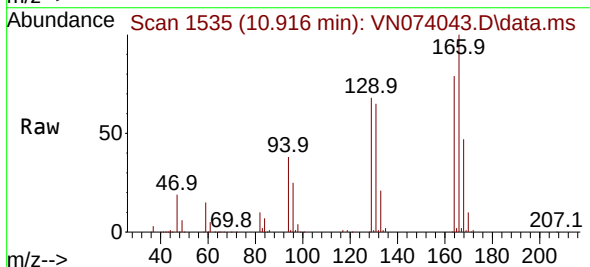
Ion Ratio Lower Upper

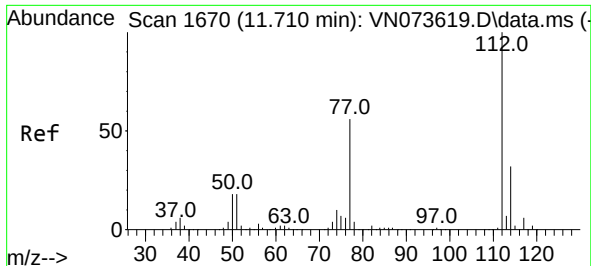
164 100

166 126.3 104.2 156.2

129 86.2 73.9 110.9

131 82.6 69.4 104.2

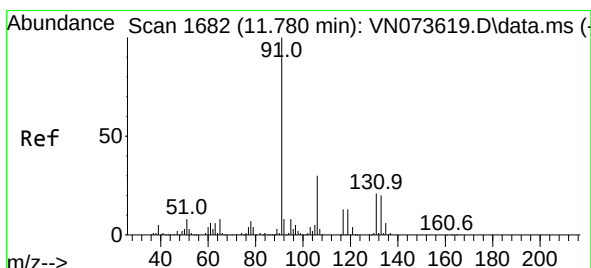
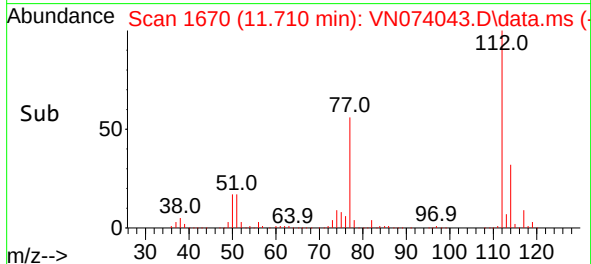
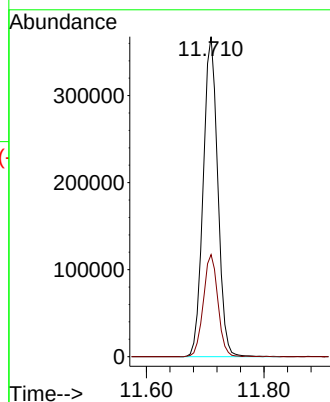
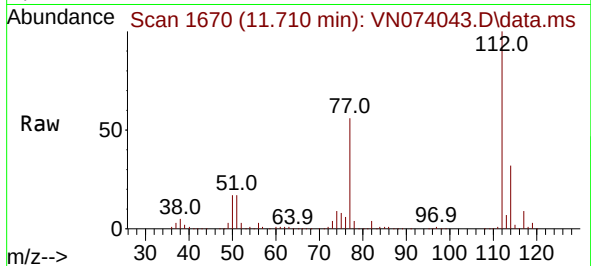




#65
Chlorobenzene
Concen: 43.447 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

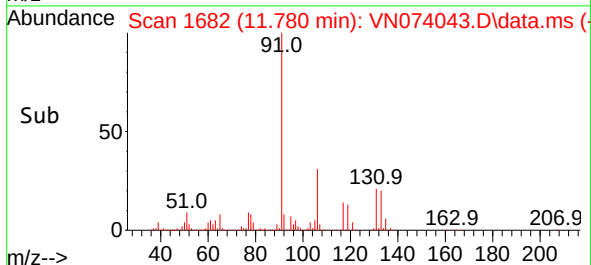
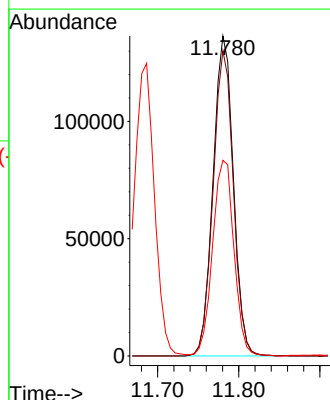
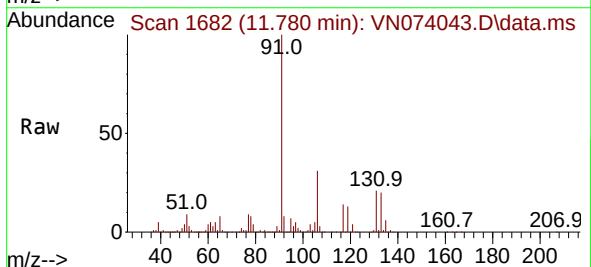
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

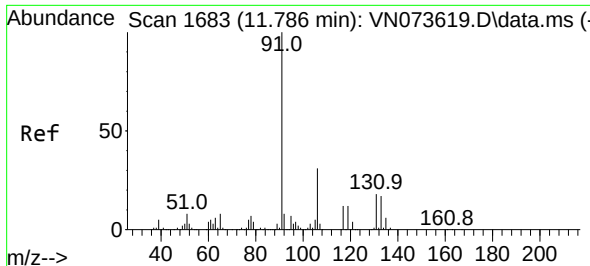
Tgt Ion:112 Resp: 632869
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 42.983 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion:131 Resp: 237092
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 64.4 33.4 100.2





#67

Ethyl Benzene

Concen: 46.222 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

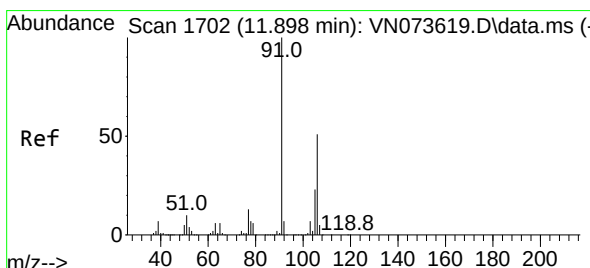
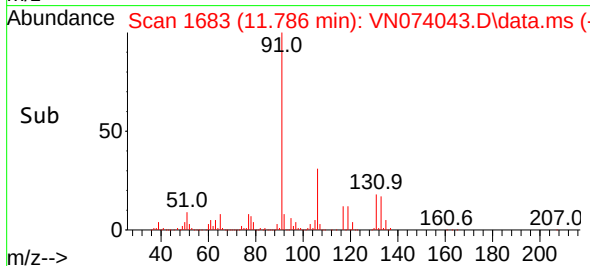
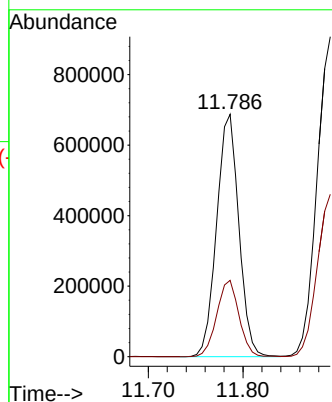
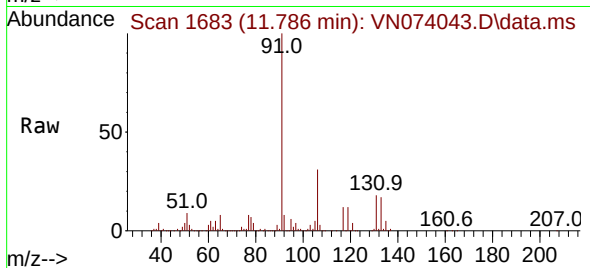
VSTDCCC050

Tgt Ion: 91 Resp: 1119712

Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



#68

m/p-Xylenes

Concen: 89.483 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN074043.D

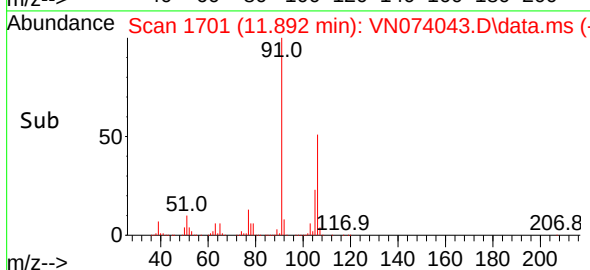
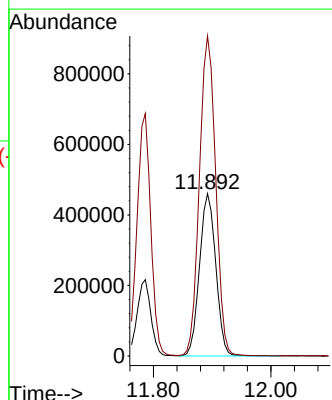
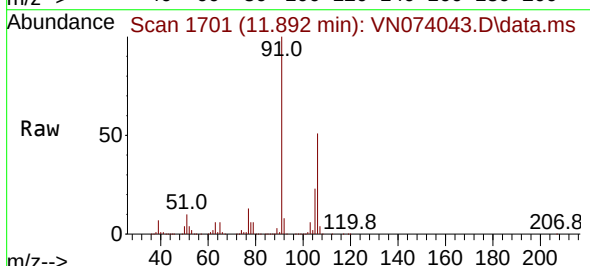
Acq: 22 Aug 2022 13:03

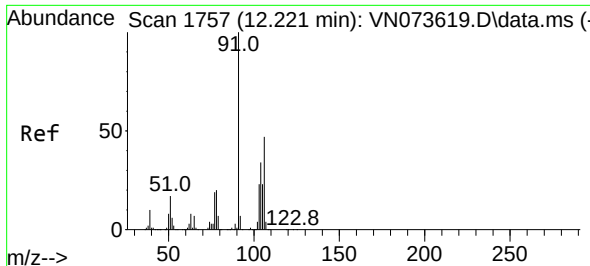
Tgt Ion:106 Resp: 880743

Ion Ratio Lower Upper

106 100

91 197.6 158.9 238.3





#69

o-Xylene

Concen: 42.993 ug/l

RT: 12.222 min Scan# 1757

Delta R.T. 0.001 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

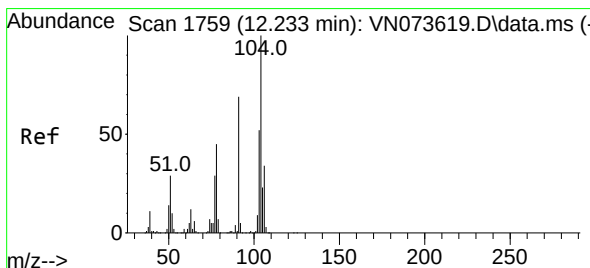
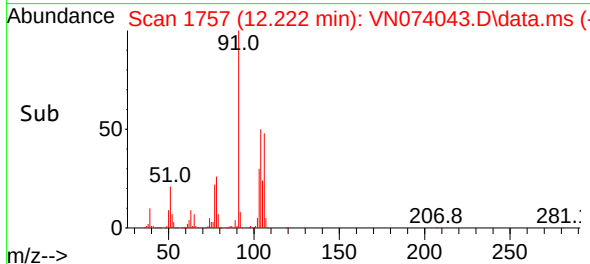
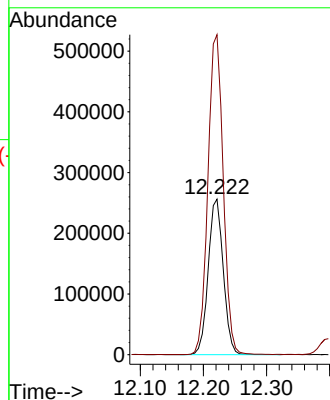
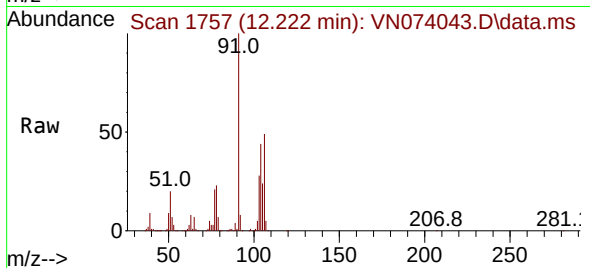
VSTDCCC050

Tgt Ion:106 Resp: 424353

Ion Ratio Lower Upper

106 100

91 208.8 106.0 318.0



#70

Styrene

Concen: 46.241 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

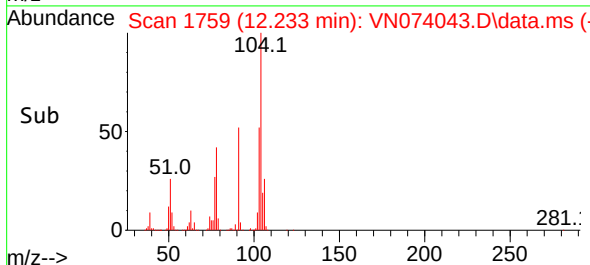
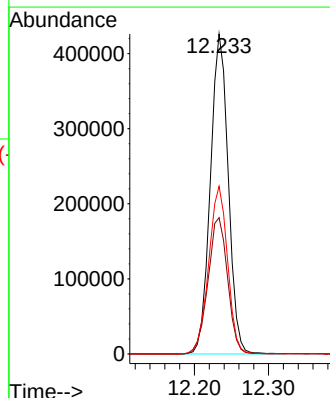
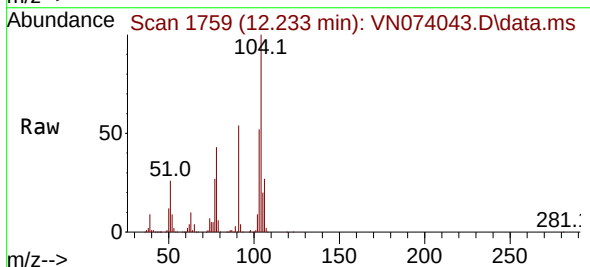
Tgt Ion:104 Resp: 714544

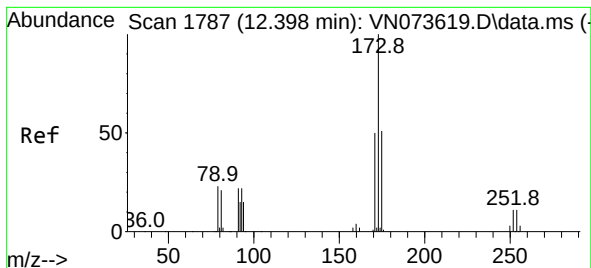
Ion Ratio Lower Upper

104 100

78 46.8 39.5 59.3

103 55.4 44.0 66.0





#71

Bromoform

Concen: 44.041 ug/l

RT: 12.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

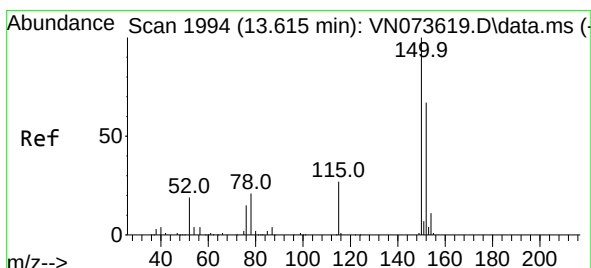
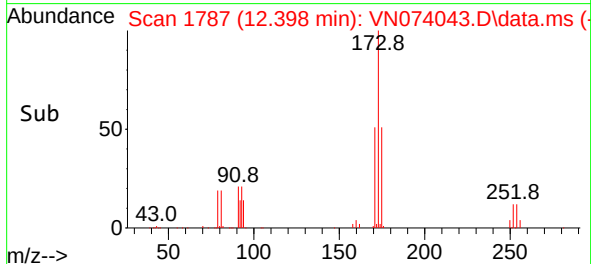
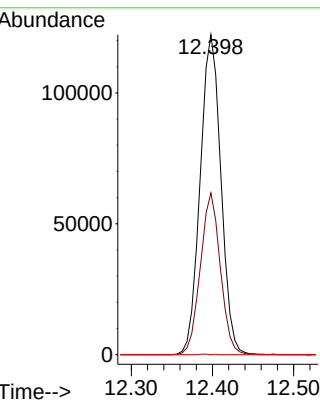
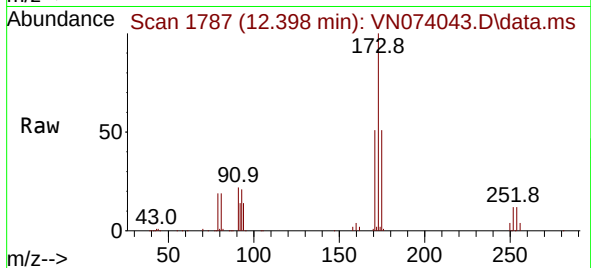
Tgt Ion:173 Resp: 216889

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.6

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.005 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

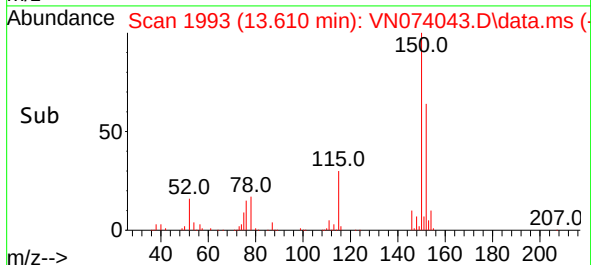
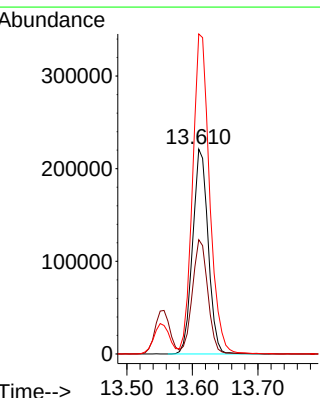
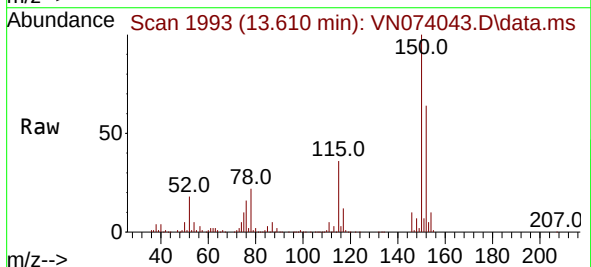
Tgt Ion:152 Resp: 364020

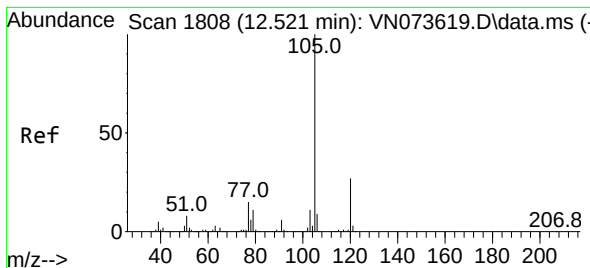
Ion Ratio Lower Upper

152 100

115 55.6 28.9 86.7

150 171.8 0.0 356.2





#73

Isopropylbenzene

Concen: 41.150 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. -0.005 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

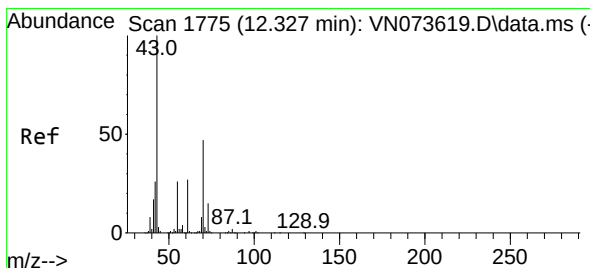
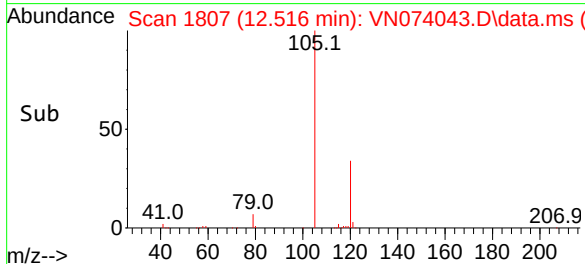
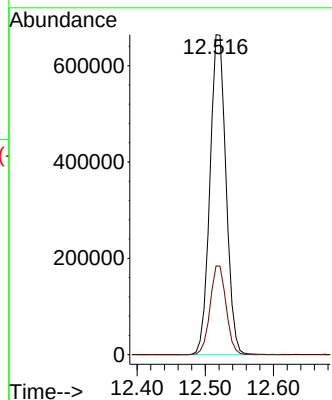
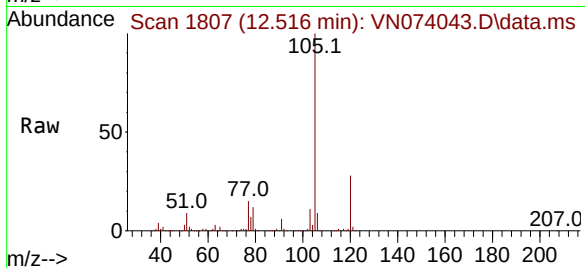
VSTDCCC050

Tgt Ion:105 Resp: 1090744

Ion Ratio Lower Upper

105 100

120 27.6 13.5 40.4



#74

N-ethyl acetate

Concen: 40.478 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN074043.D

Acq: 22 Aug 2022 13:03

Tgt Ion: 43 Resp: 405614

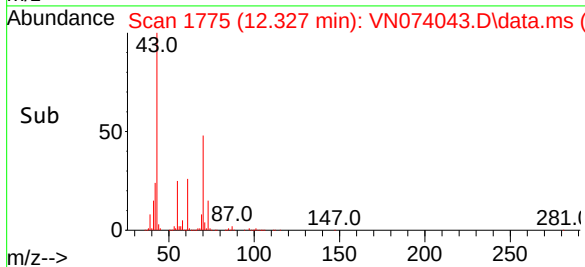
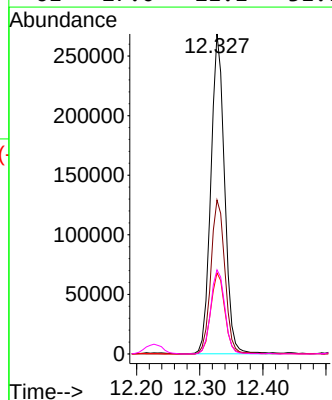
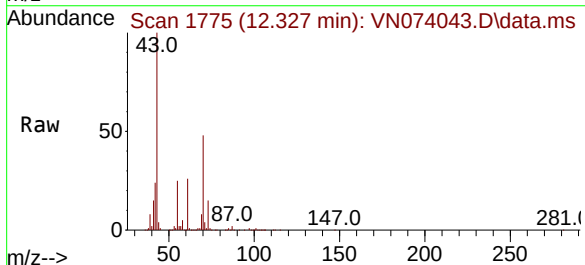
Ion Ratio Lower Upper

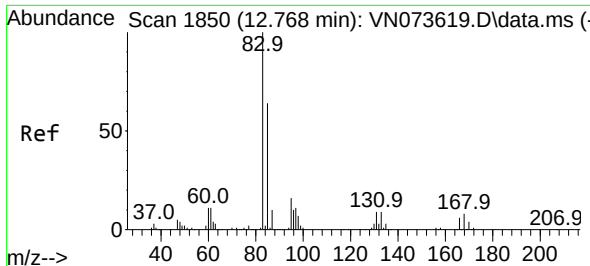
43 100

70 49.3 39.0 58.4

55 26.0 21.1 31.7

61 27.0 21.1 31.7

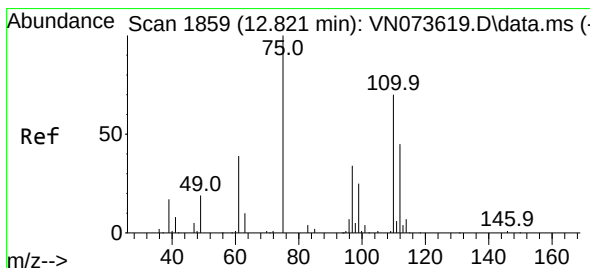
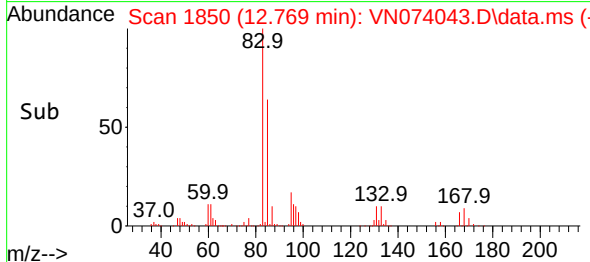
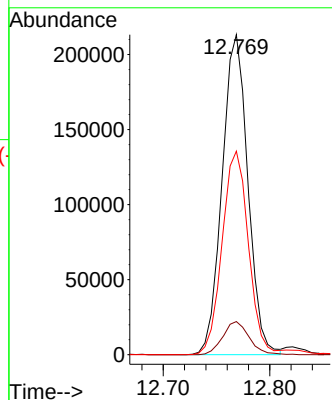
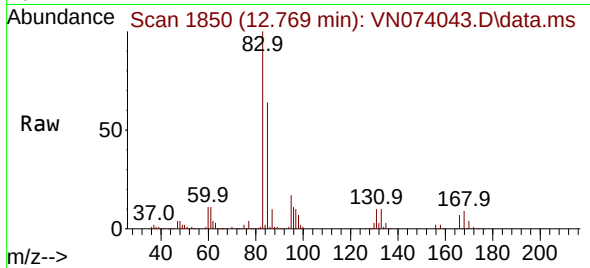




#75
 1,1,2,2-Tetrachloroethane
 Concen: 40.270 ug/l
 RT: 12.769 min Scan# 1850
 Delta R.T. 0.001 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

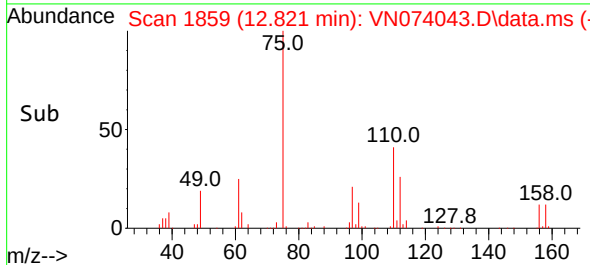
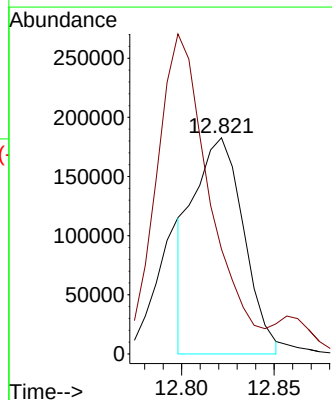
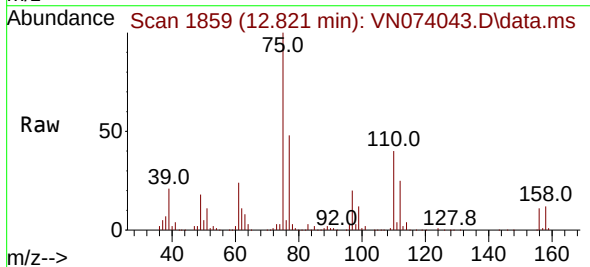
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

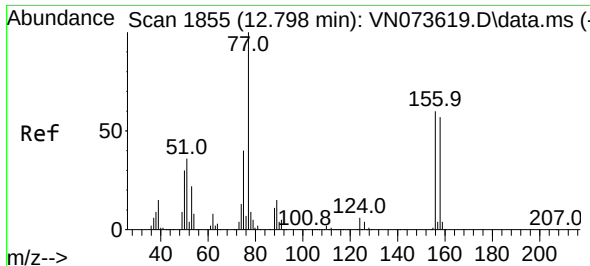
Tgt Ion: 83 Resp: 358197
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 15.9
 85 64.9 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 45.686 ug/l m
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

Tgt Ion: 75 Resp: 345663
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#

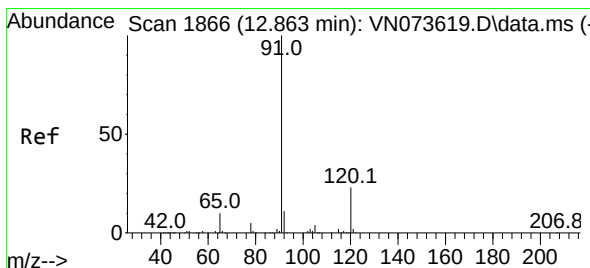
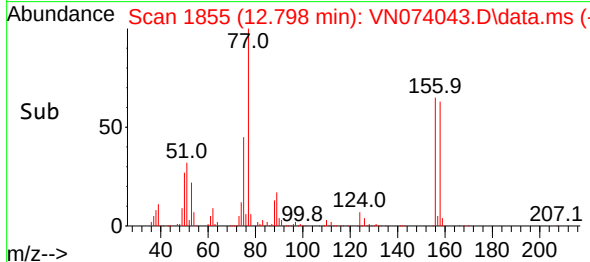
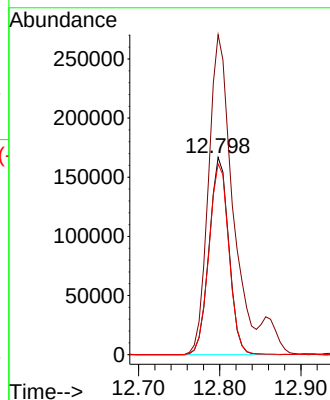
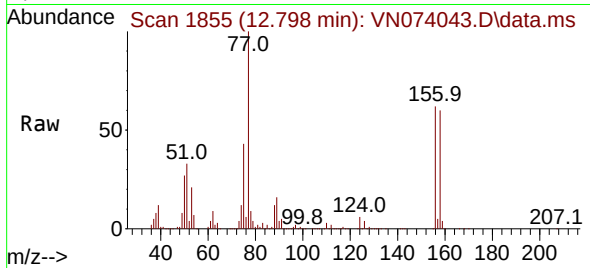




#77
Bromobenzene
Concen: 39.157 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

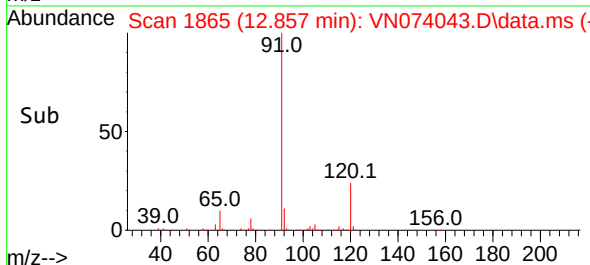
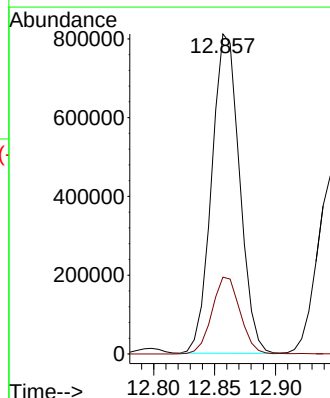
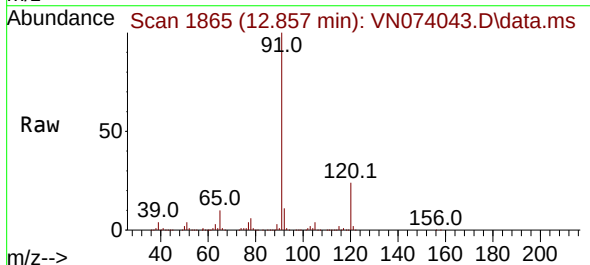
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

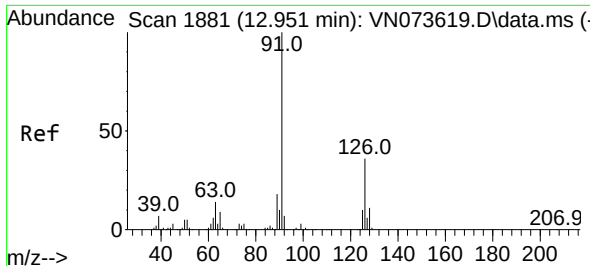
Tgt Ion:156 Resp: 280945
Ion Ratio Lower Upper
156 100
77 195.7 100.5 301.5
158 98.3 48.9 146.6



#78
n-propylbenzene
Concen: 45.752 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 91 Resp: 1292736
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5

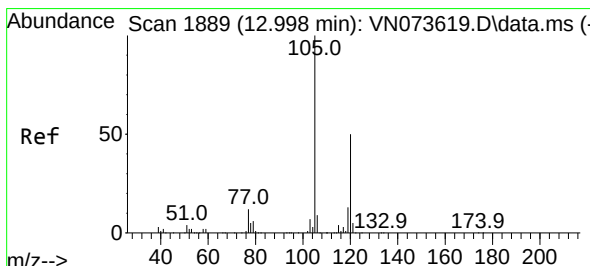
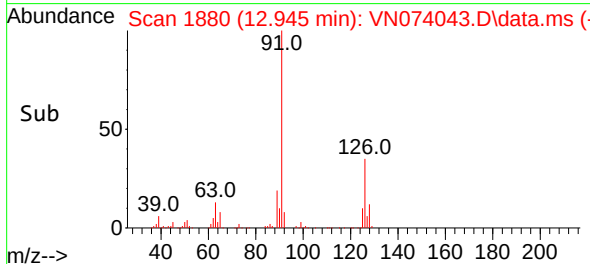
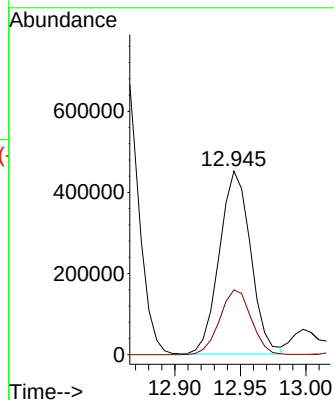
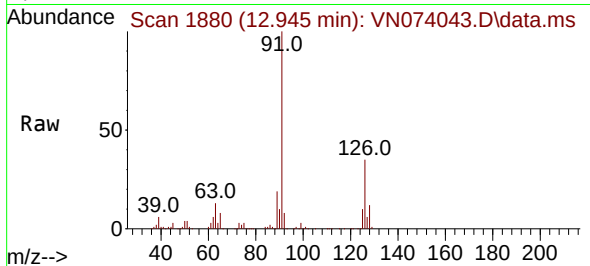




#79
2-Chlorotoluene
Concen: 42.559 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

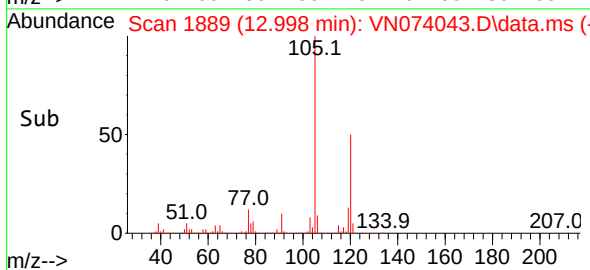
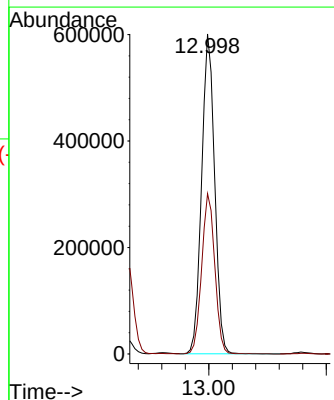
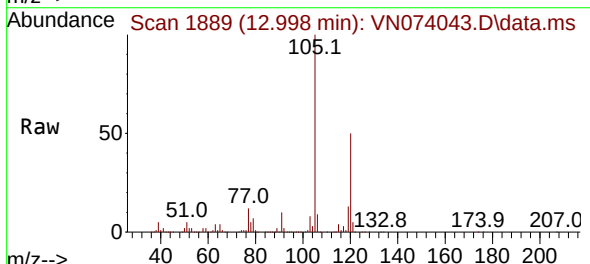
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

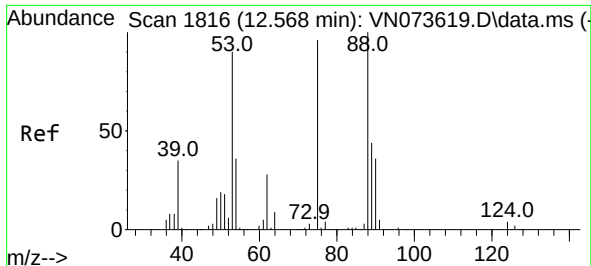
Tgt Ion: 91 Resp: 749365
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 42.945 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 105 Resp: 925897
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.7

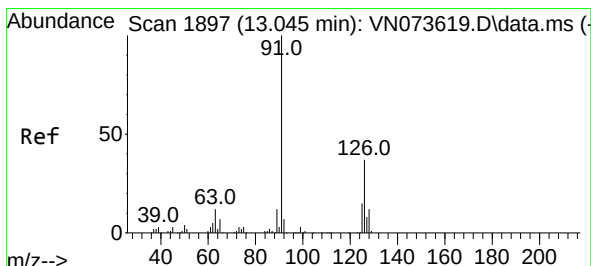
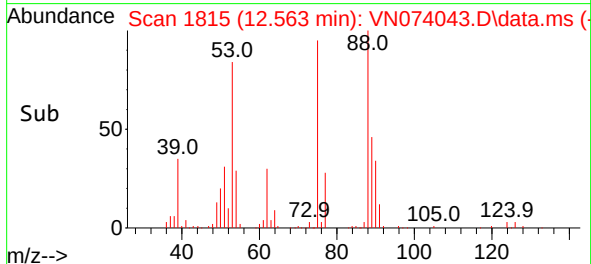
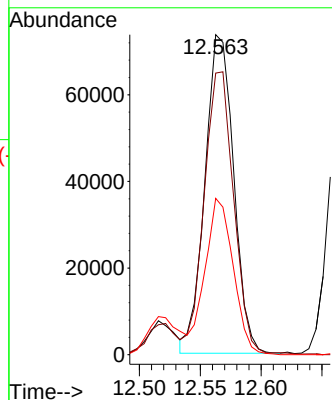
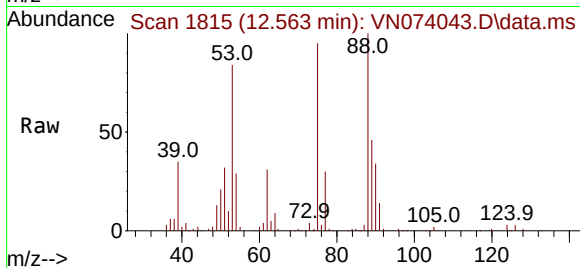




#81
trans-1,4-Dichloro-2-butene
Concen: 45.471 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.005 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

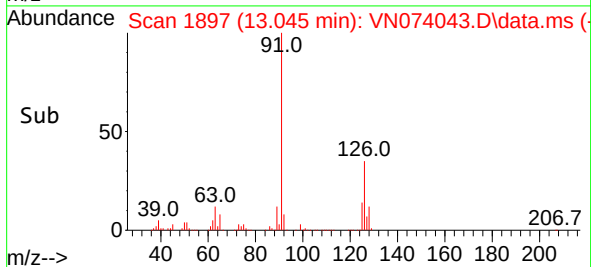
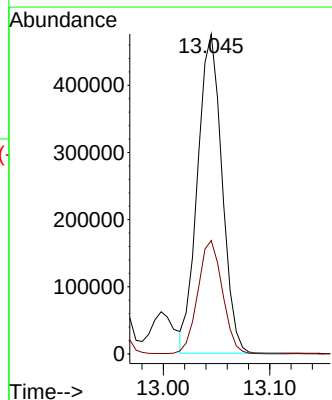
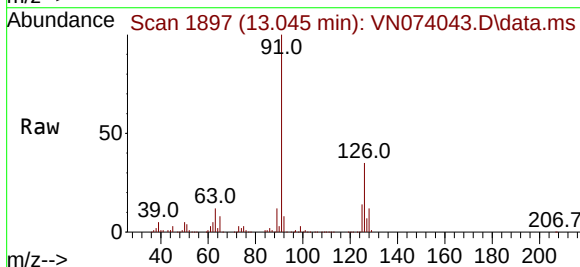
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

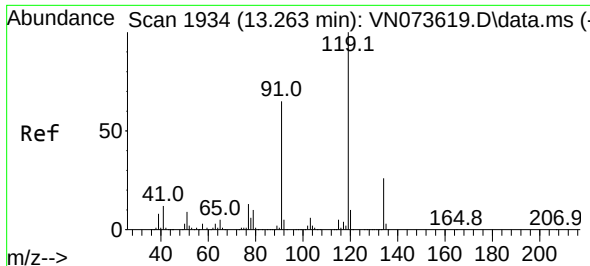
Tgt Ion: 75 Resp: 120963
Ion Ratio Lower Upper
75 100
53 91.9 78.0 117.0
89 48.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 45.272 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 91 Resp: 757104
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6

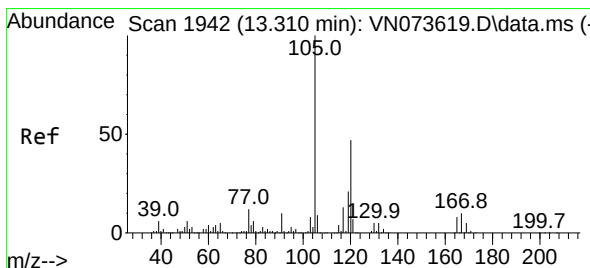
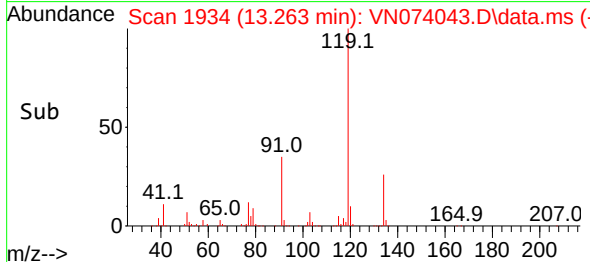
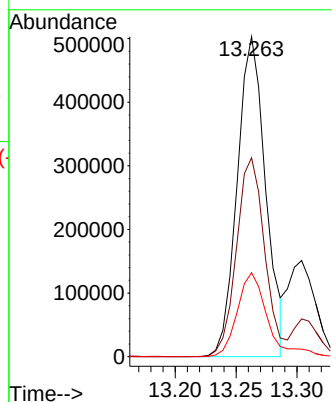
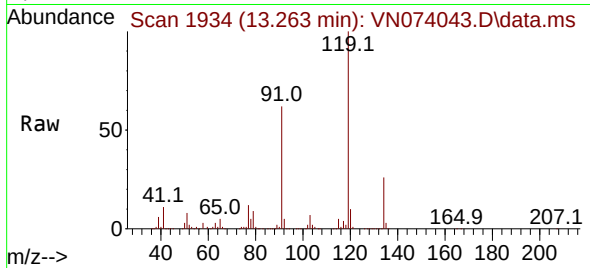




#83
tert-Butylbenzene
Concen: 41.159 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

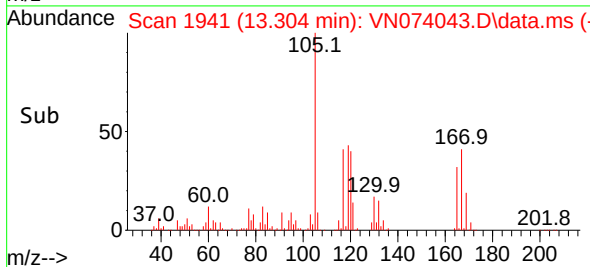
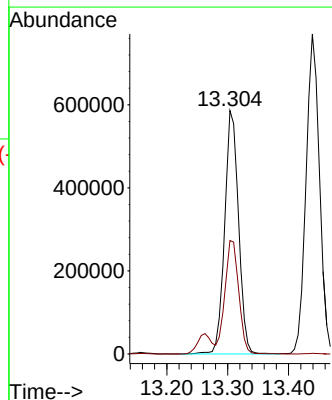
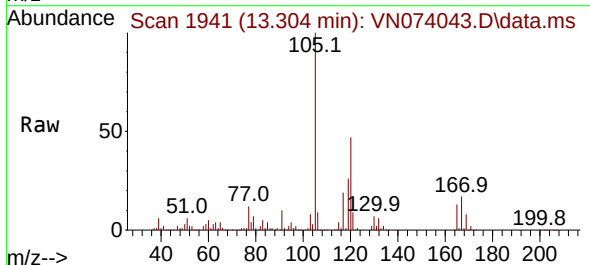
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MSVOA_N
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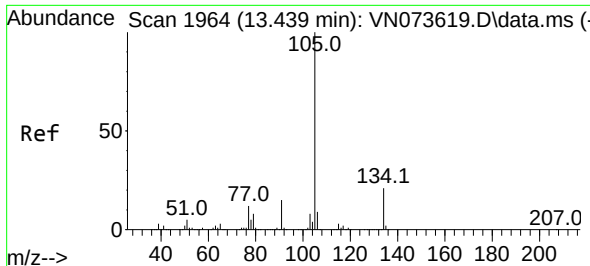
Tgt Ion:119 Resp: 816601
Ion Ratio Lower Upper
119 100
91 62.1 31.6 94.8
134 27.9 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 43.065 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion:105 Resp: 927194
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8

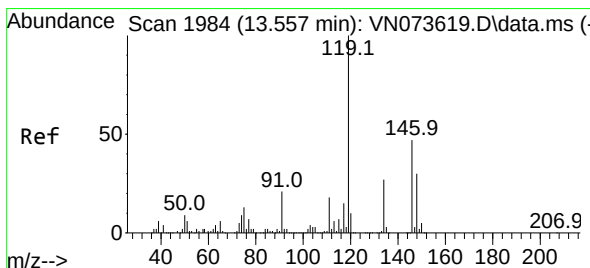
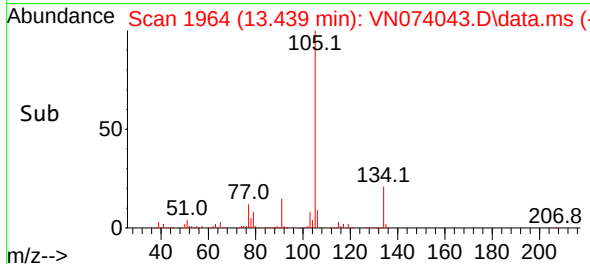
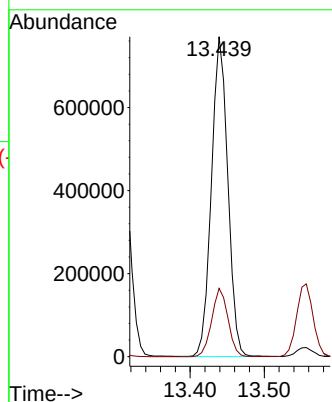
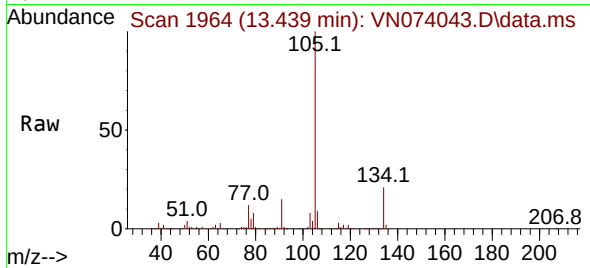




#85
 sec-Butylbenzene
 Concen: 45.972 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

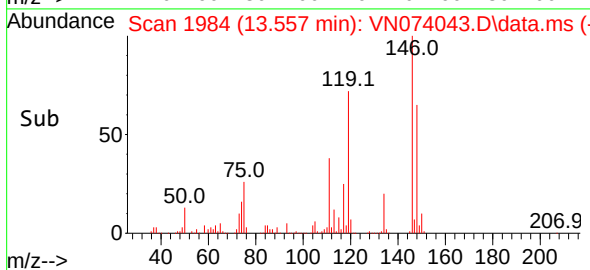
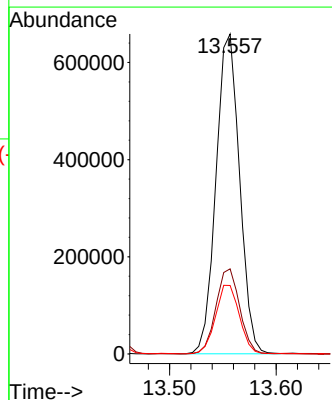
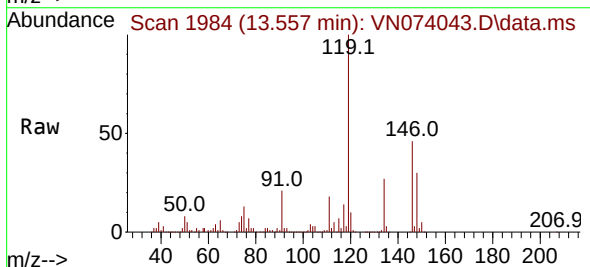
Instrument :
 MSVOA_N
 ClientSampleId :
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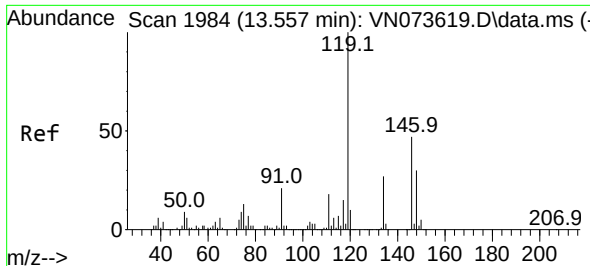
Tgt Ion:105 Resp: 1182297
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 46.105 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074043.D
 Acq: 22 Aug 2022 13:03

Tgt Ion:119 Resp: 1010132
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 21.8 11.3 33.9

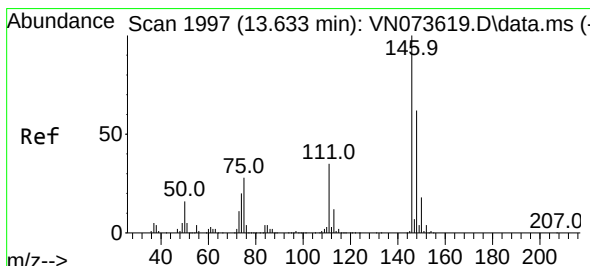
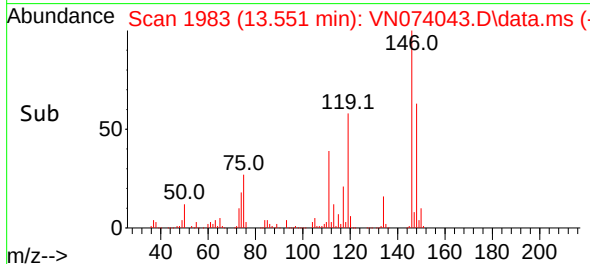
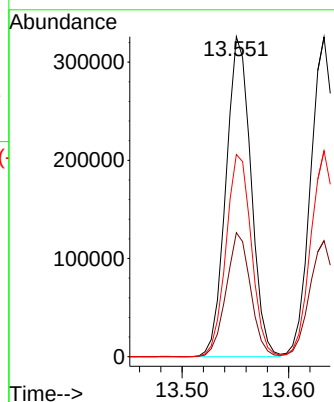
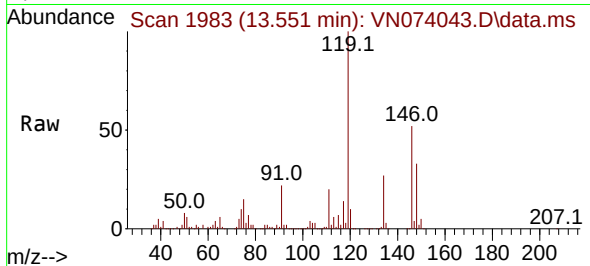




#87
1,3-Dichlorobenzene
Concen: 42.777 ug/l
RT: 13.551 min Scan# 1984
Delta R.T. -0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

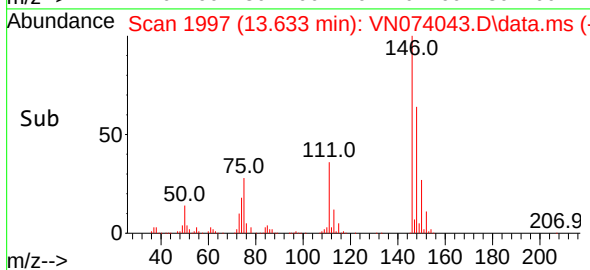
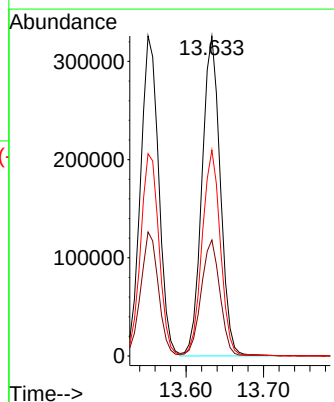
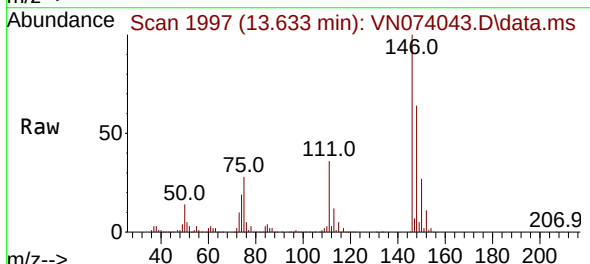
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

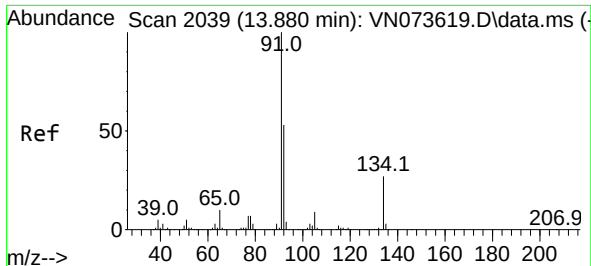
Tgt Ion:146 Resp: 532255
Ion Ratio Lower Upper
146 100
111 37.8 20.0 60.0
148 64.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 42.411 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion:146 Resp: 534796
Ion Ratio Lower Upper
146 100
111 36.7 19.1 57.1
148 64.5 31.4 94.3

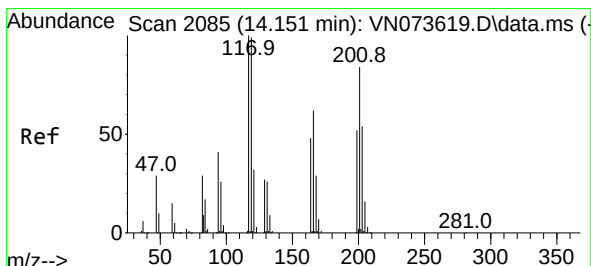
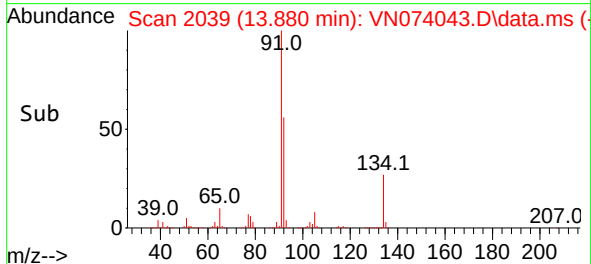
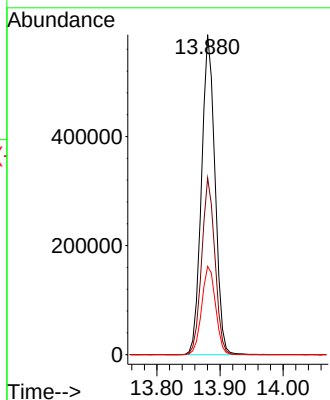
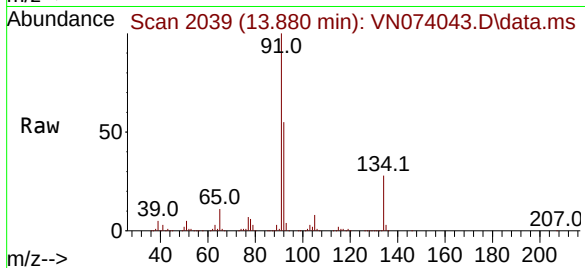




#89
n-Butylbenzene
Concen: 50.403 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

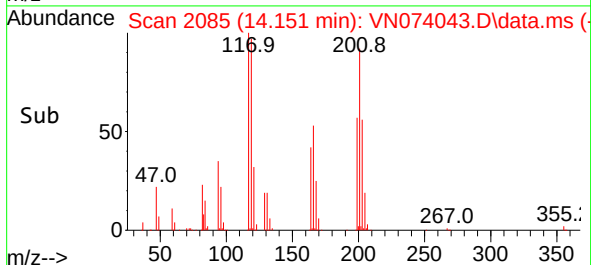
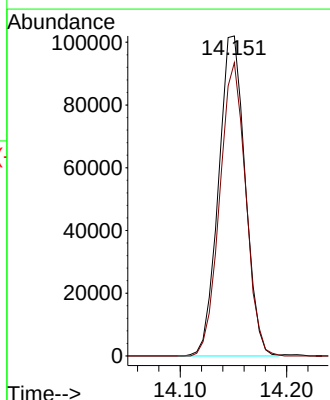
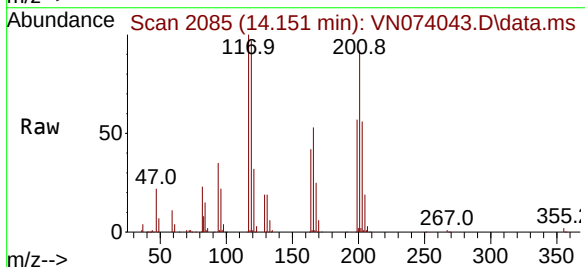
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

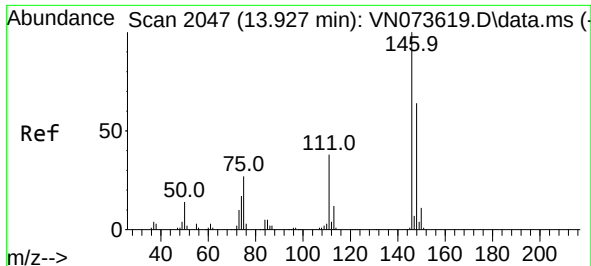
Tgt Ion: 91 Resp: 874679
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 28.3 13.6 40.8



#90
Hexachloroethane
Concen: 44.243 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 117 Resp: 177183
Ion Ratio Lower Upper
117 100
201 89.2 40.6 122.0

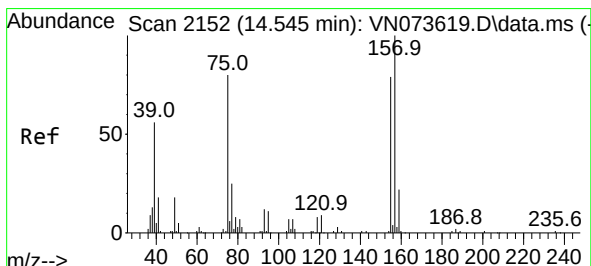
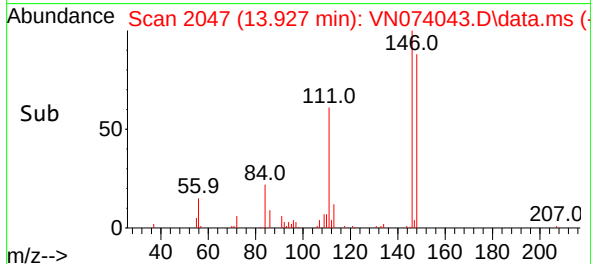
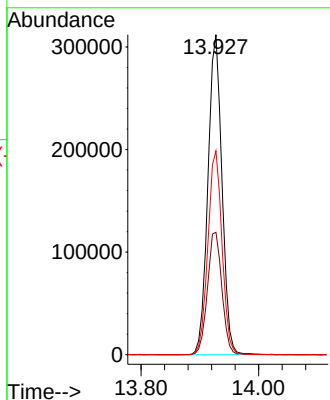
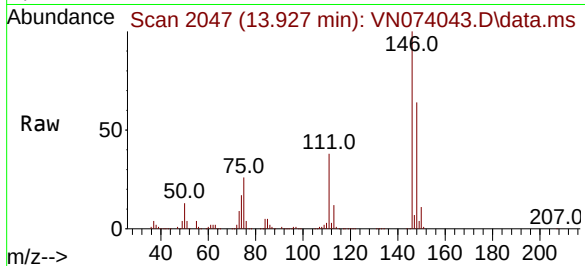




#91
1,2-Dichlorobenzene
Concen: 40.122 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

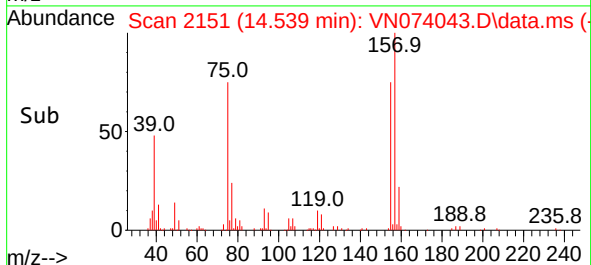
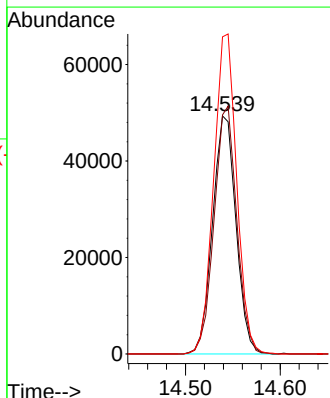
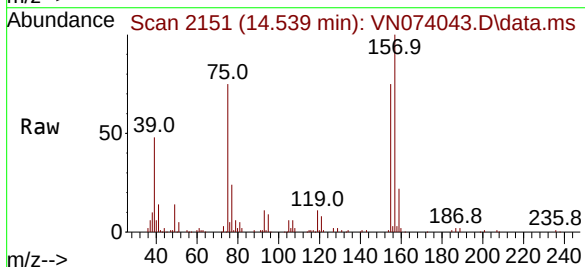
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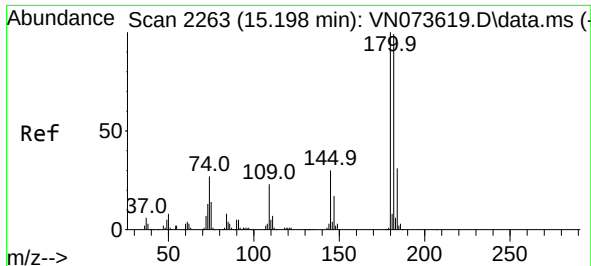
Tgt Ion:146 Resp: 515512
Ion Ratio Lower Upper
146 100
111 39.4 20.9 62.8
148 64.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.432 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion: 75 Resp: 84915
Ion Ratio Lower Upper
75 100
155 100.5 44.9 134.5
157 131.7 59.0 176.8

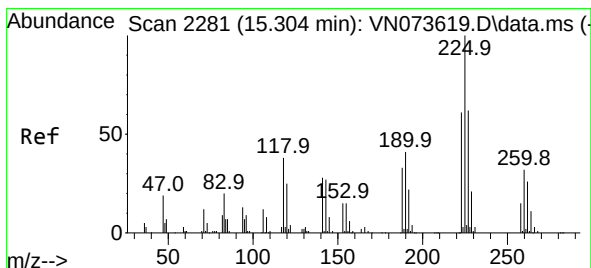
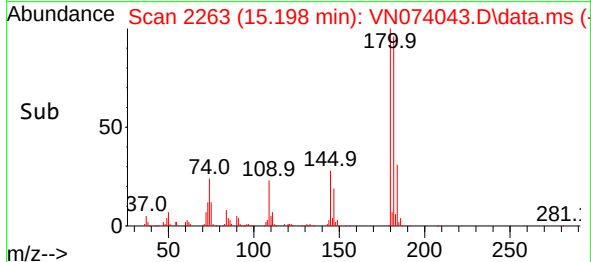
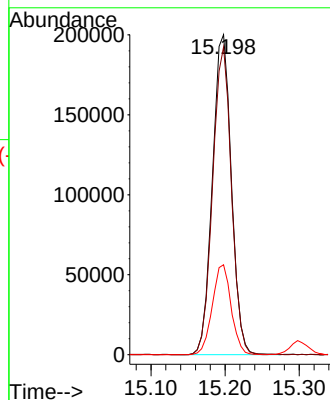
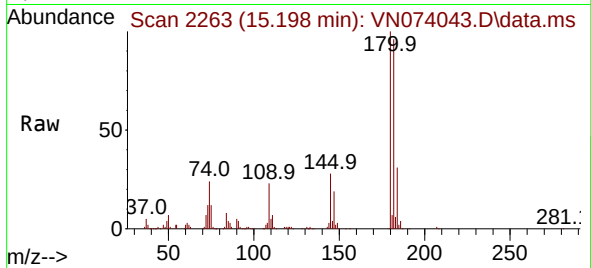




#93
1,2,4-Trichlorobenzene
Concen: 45.411 ug/l
RT: 15.198 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

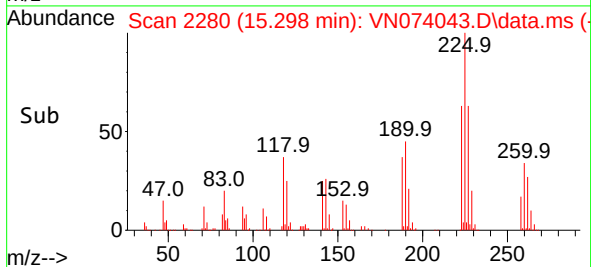
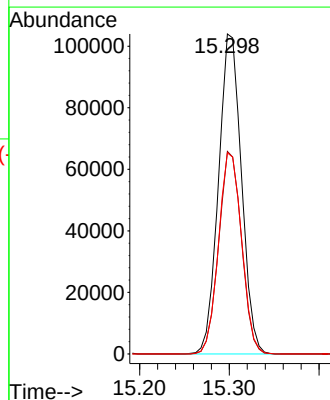
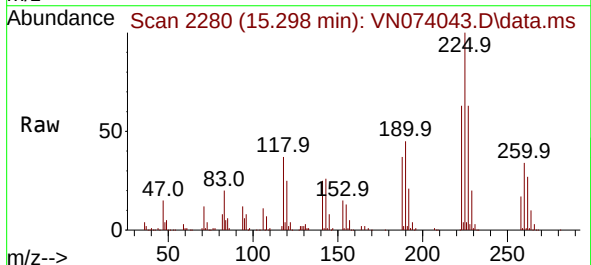
Instrument :
MSVOA_N
ClientSampleId :
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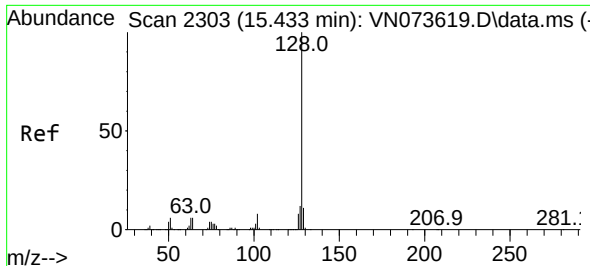
Tgt Ion:180 Resp: 355119
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 28.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 44.791 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion:225 Resp: 184641
Ion Ratio Lower Upper
225 100
223 62.8 32.4 97.2
227 63.3 31.8 95.4

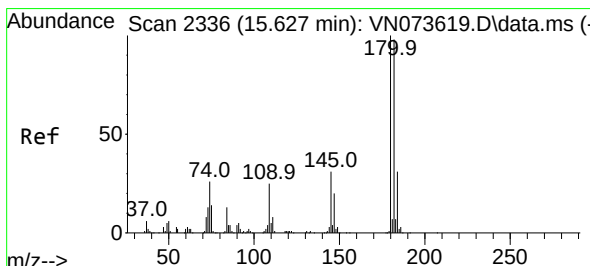
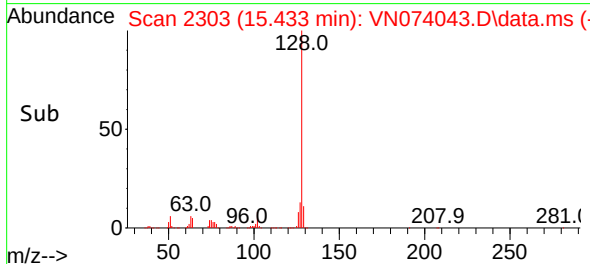
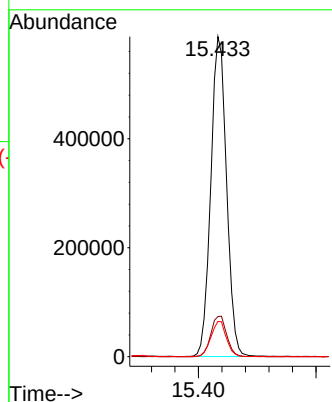
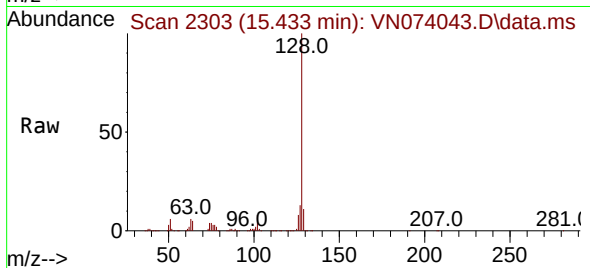




#95
Naphthalene
Concen: 42.717 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1089047
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 42.849 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074043.D
Acq: 22 Aug 2022 13:03

Tgt Ion:180 Resp: 346350
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 29.9 15.5 46.5

