

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073724.D
 Acq On : 03 Aug 2022 20:20
 Operator : JC\MD
 Sample : N3971-21MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MSD

Quant Time: Aug 04 05:39:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	350820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	559230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	530990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	263564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	221829	51.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.780%	
35) Dibromofluoromethane	7.951	113	189099	53.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.700%	
50) Toluene-d8	10.381	98	743035	53.771	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.540%	
62) 4-Bromofluorobenzene	12.674	95	243222	52.231	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.460%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	156898	46.110	ug/l	98
3) Chloromethane	2.263	50	204310	49.955	ug/l	97
4) Vinyl Chloride	2.405	62	263533	44.283	ug/l	99
5) Bromomethane	2.781	94	129909	37.639	ug/l	99
6) Chloroethane	2.952	64	180061	51.959	ug/l	100
7) Trichlorofluoromethane	3.305	101	372425	60.722	ug/l	97
8) Diethyl Ether	3.763	74	114098	49.544	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.134	101	162659	47.935	ug/l	99
10) Methyl Iodide	4.346	142	147221	42.677	ug/l	97
11) Tert butyl alcohol	5.298	59	258494	280.352	ug/l	99
12) 1,1-Dichloroethene	4.104	96	161539	48.532	ug/l	94
13) Acrolein	3.981	56	264655	289.527	ug/l	98
14) Allyl chloride	4.757	41	254671	47.857	ug/l	100
15) Acrylonitrile	5.475	53	675858	264.989	ug/l	99
16) Acetone	4.222	43	609933	265.615	ug/l	98
17) Carbon Disulfide	4.451	76	416585	47.202	ug/l	98
18) Methyl Acetate	4.775	43	263450	46.115	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	598608	52.643	ug/l	99
20) Methylene Chloride	5.016	84	203578	55.023	ug/l	99
21) trans-1,2-Dichloroethene	5.510	96	178869	49.643	ug/l	95
22) Diisopropyl ether	6.416	45	589020	51.305	ug/l	99
23) Vinyl Acetate	6.351	43	2202038	228.768	ug/l	99
24) 1,1-Dichloroethane	6.304	63	344640	48.795	ug/l	98
25) 2-Butanone	7.257	43	937736	262.958	ug/l	98
26) 2,2-Dichloropropane	7.245	77	166758	30.687	ug/l	95
27) cis-1,2-Dichloroethene	7.245	96	220771	49.731	ug/l	92
28) Bromochloromethane	7.581	49	145920	49.204	ug/l	98
29) Tetrahydrofuran	7.610	42	605746	268.663	ug/l	99
30) Chloroform	7.745	83	364189	49.490	ug/l	97
31) Cyclohexane	8.022	56	291451	45.790	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	307167	50.271	ug/l	99
36) 1,1-Dichloropropene	8.151	75	257446	51.439	ug/l	99
37) Ethyl Acetate	7.340	43	395664	60.029	ug/l	98
38) Carbon Tetrachloride	8.134	117	259019	50.956	ug/l	100
39) Methylcyclohexane	9.392	83	302872	50.641	ug/l	99
40) Benzene	8.392	78	828785	50.995	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	164086	55.015	ug/l	95
42) 1,2-Dichloroethane	8.463	62	277261	50.619	ug/l	99
43) Isopropyl Acetate	8.492	43	446337	50.135	ug/l	98
44) Trichloroethene	9.151	130	205949	49.970	ug/l	97
45) 1,2-Dichloropropane	9.428	63	207494	51.078	ug/l	99
46) Dibromomethane	9.516	93	147414	52.285	ug/l	100
47) Bromodichloromethane	9.704	83	280290	51.797	ug/l	96
48) Methyl methacrylate	9.498	41	215955	55.416	ug/l	93
49) 1,4-Dioxane	9.504	88	130031	1183.707	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	1791764	280.604	ug/l	100
52) Toluene	10.445	92	528109	53.199	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	277779	51.962	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	299510	49.718	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	224245	54.170	ug/l	99
56) Ethyl methacrylate	10.704	69	343336	60.176	ug/l	99
57) 1,3-Dichloropropane	10.986	76	372030	52.969	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.010	63	251	10.022	ug/l #	44
59) 2-Hexanone	11.028	43	1419221	293.359	ug/l	99
60) Dibromochloromethane	11.180	129	230808	56.045	ug/l	99
61) 1,2-Dibromoethane	11.286	107	231106	54.206	ug/l	99
64) Tetrachloroethene	10.916	164	194886	46.182	ug/l	99
65) Chlorobenzene	11.710	112	573357	50.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	215827	53.351	ug/l	99
67) Ethyl Benzene	11.786	91	1016767	53.436	ug/l	100
68) m/p-Xylenes	11.892	106	789085	108.732	ug/l	100
69) o-Xylene	12.222	106	392592	55.488	ug/l	100
70) Styrene	12.233	104	651835	57.553	ug/l	97
71) Bromoform	12.398	173	185140	55.446	ug/l	99
73) Isopropylbenzene	12.522	105	1020883	52.913	ug/l	99
74) N-amyl acetate	12.333	43	344966	47.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	361547	48.562	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	429677	91.679	ug/l	46
77) Bromobenzene	12.804	156	255171	50.787	ug/l	97
78) n-propylbenzene	12.863	91	1155464	53.225	ug/l	99
79) 2-Chlorotoluene	12.945	91	687735	50.758	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	844907	53.214	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	90664	44.579	ug/l	99
82) 4-Chlorotoluene	13.045	91	663421	51.662	ug/l	97
83) tert-Butylbenzene	13.263	119	779688	55.441	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	843644	54.037	ug/l	100
85) sec-Butylbenzene	13.439	105	1056896	54.375	ug/l	99
86) p-Isopropyltoluene	13.557	119	872143	56.918	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	458089	49.949	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	447249	48.741	ug/l	98
89) n-Butylbenzene	13.886	91	677033	54.304	ug/l	100
90) Hexachloroethane	14.151	117	155947	51.296	ug/l	98
91) 1,2-Dichlorobenzene	13.927	146	464586	49.991	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	80877	54.067	ug/l	94
93) 1,2,4-Trichlorobenzene	15.198	180	258410	55.993	ug/l	99
94) Hexachlorobutadiene	15.304	225	127589	50.853	ug/l	98
95) Naphthalene	15.433	128	911836	60.886	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	277256	57.081	ug/l	99

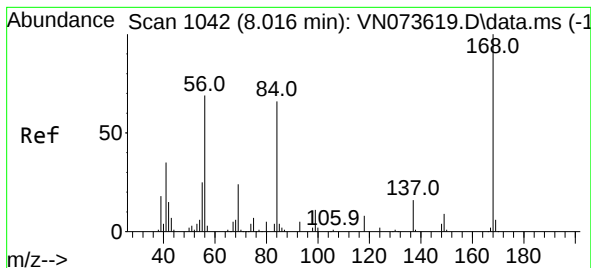
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Response via : Initial Calibration

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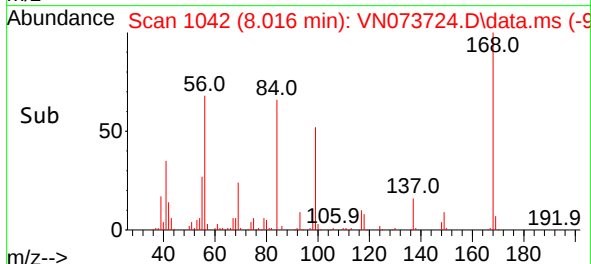
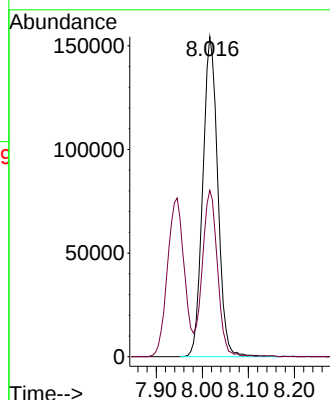
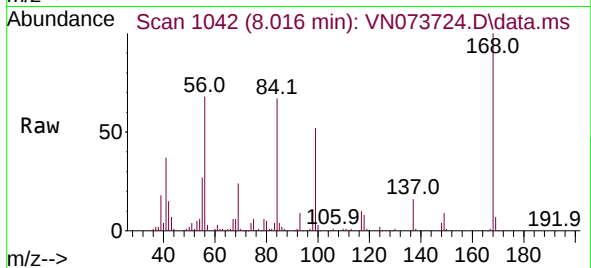
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

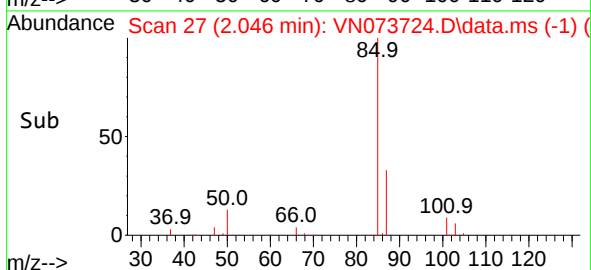
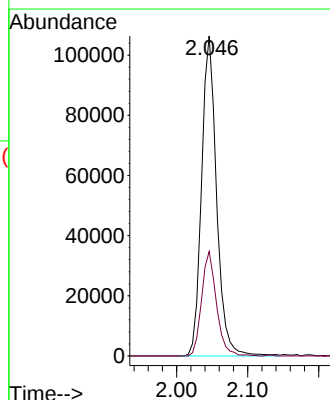
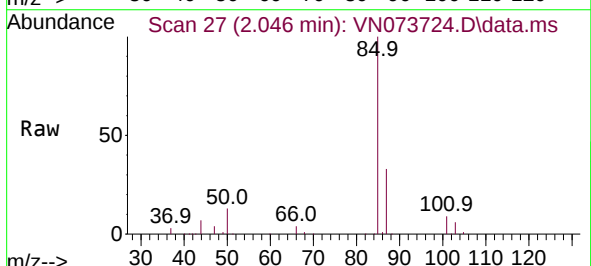
Instrument :
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MW-30MSD

Tgt Ion:168 Resp: 350820
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 46.110 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 85 Resp: 156898
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.1

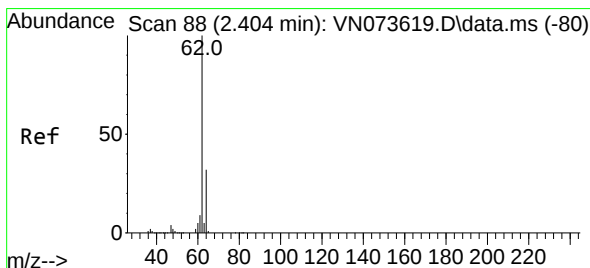
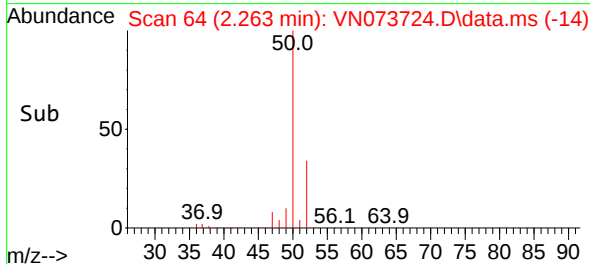
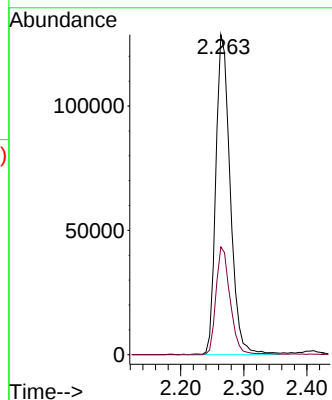
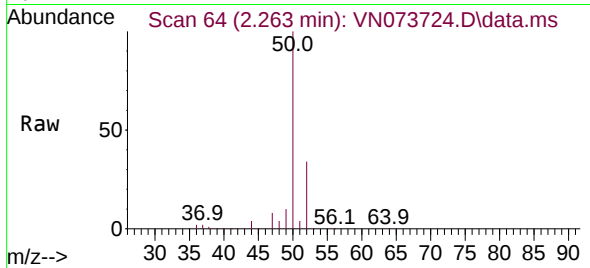




#3
Chloromethane
Concen: 49.955 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

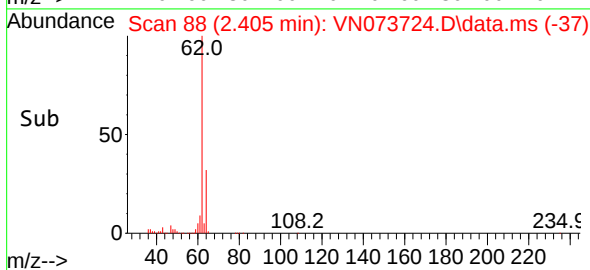
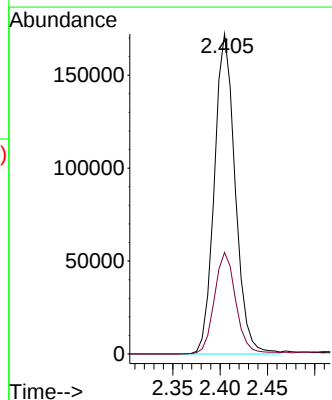
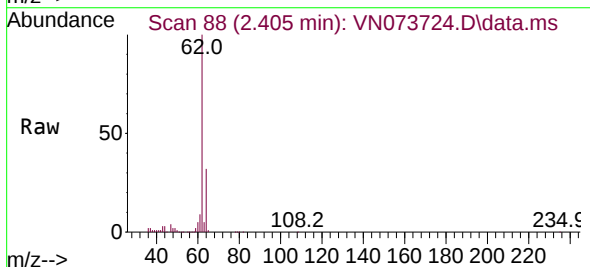
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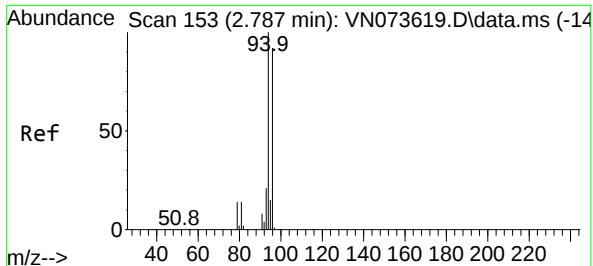
Tgt Ion: 50 Resp: 204310
Ion Ratio Lower Upper
50 100
52 33.7 25.7 38.5



#4
Vinyl Chloride
Concen: 44.283 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 62 Resp: 263533
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.4

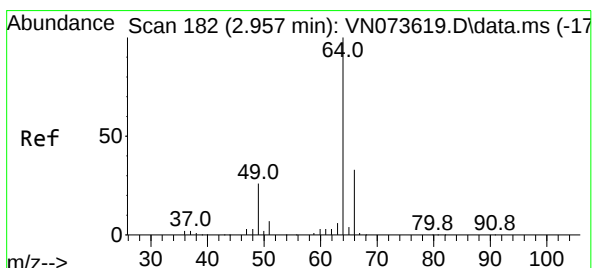
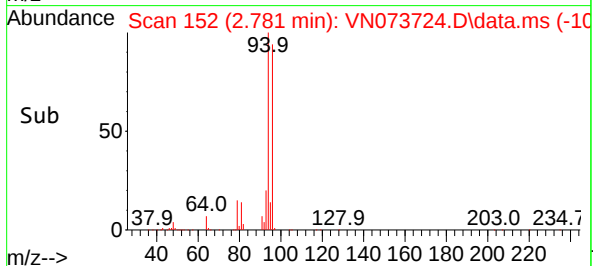
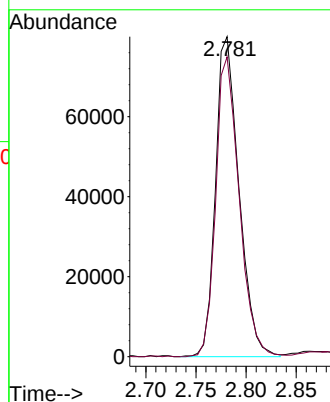
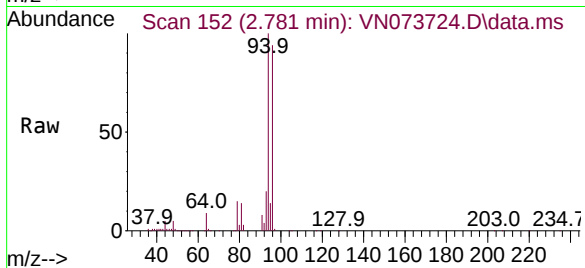




#5
Bromomethane
Concen: 37.639 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

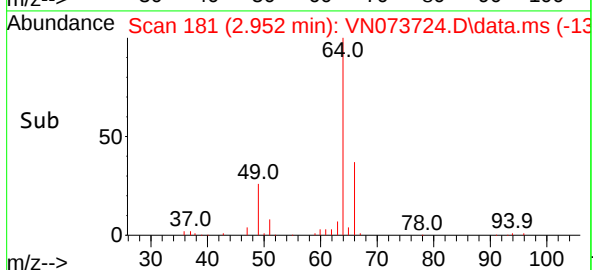
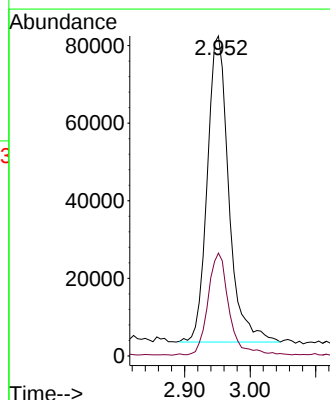
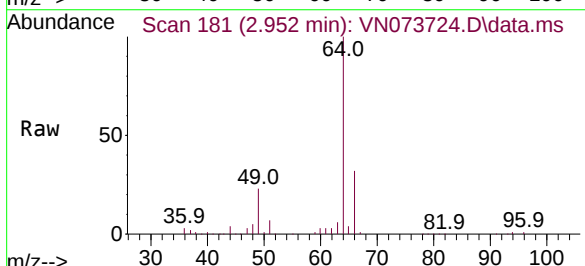
Instrument :
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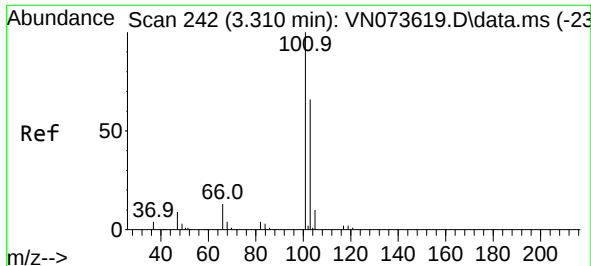
Tgt Ion: 94 Resp: 129909
Ion Ratio Lower Upper
94 100
96 93.7 76.0 114.0



#6
Chloroethane
Concen: 51.959 ug/l
RT: 2.952 min Scan# 181
Delta R.T. -0.005 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 64 Resp: 180061
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.4

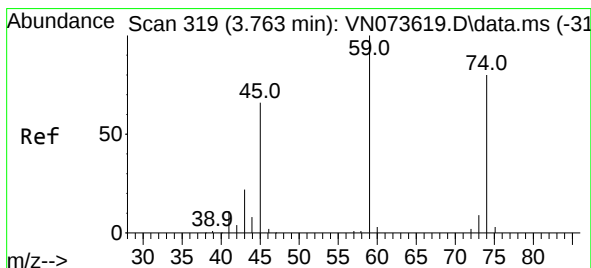
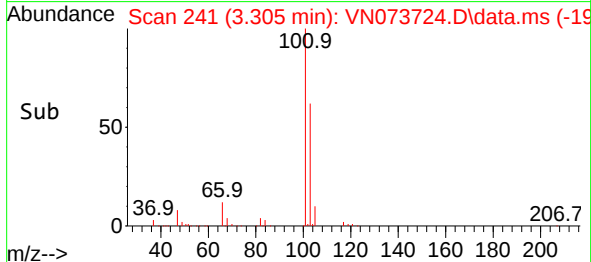
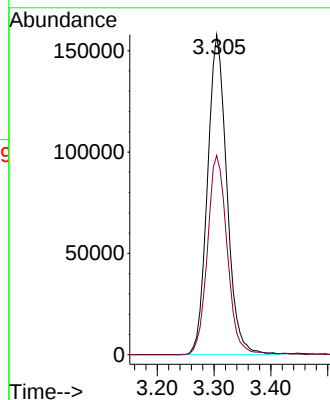
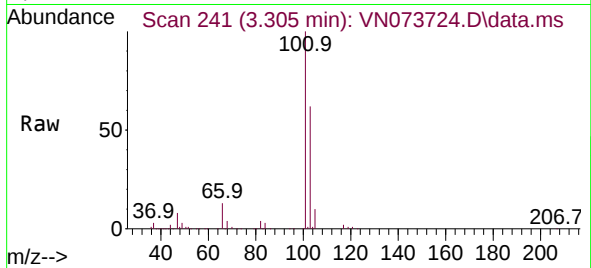




#7
 Trichlorofluoromethane
 Concen: 60.722 ug/l
 RT: 3.305 min Scan# 241
 Delta R.T. -0.006 min
 Lab File: VN073724.D
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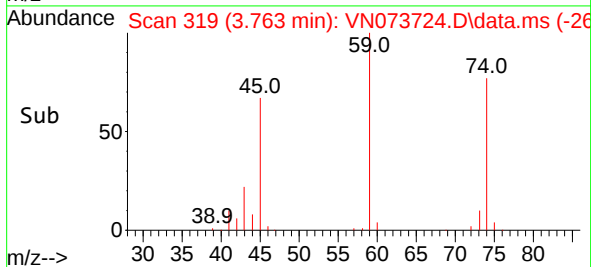
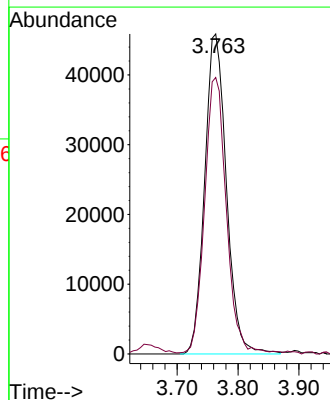
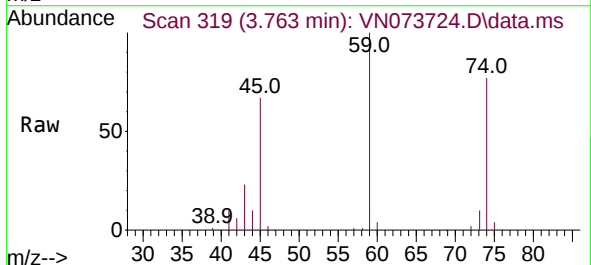
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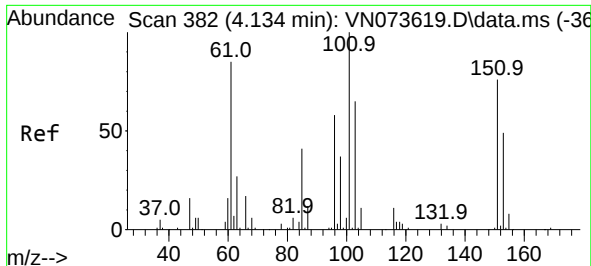
Tgt Ion:101 Resp: 372425
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 49.544 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073724.D
 Acq: 03 Aug 2022 20:20

Tgt Ion: 74 Resp: 114098
 Ion Ratio Lower Upper
 74 100
 45 85.3 42.9 128.5

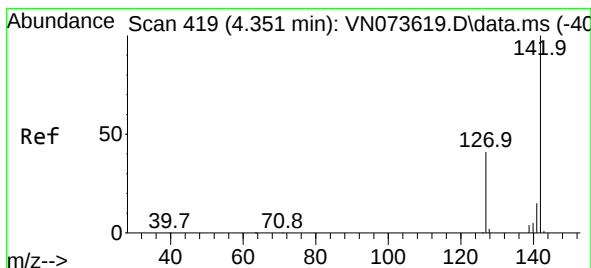
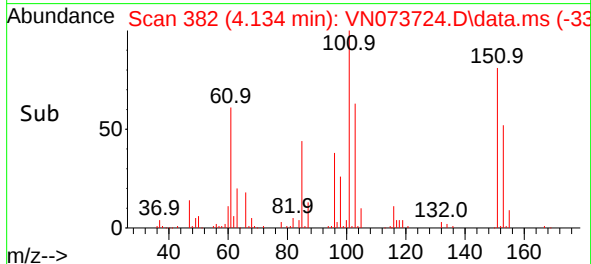
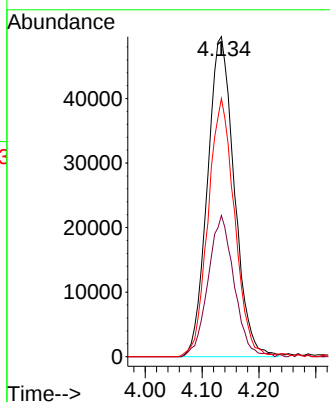
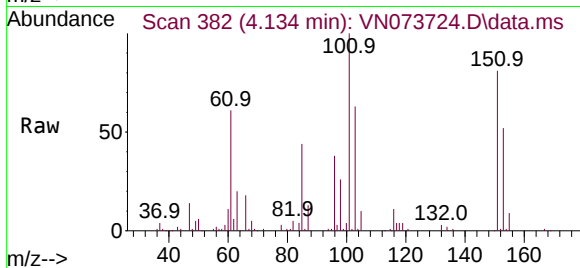




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.935 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

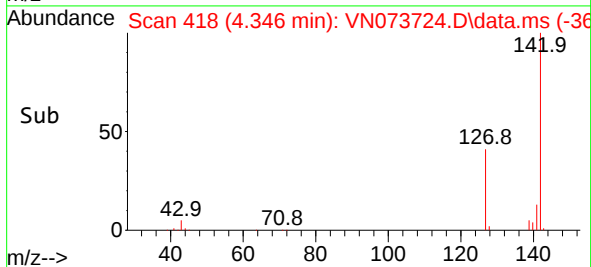
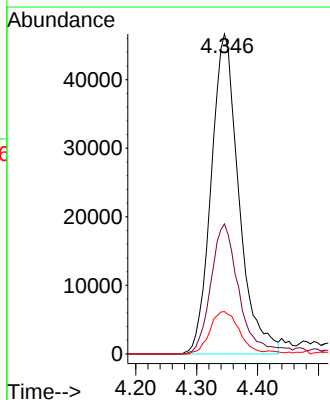
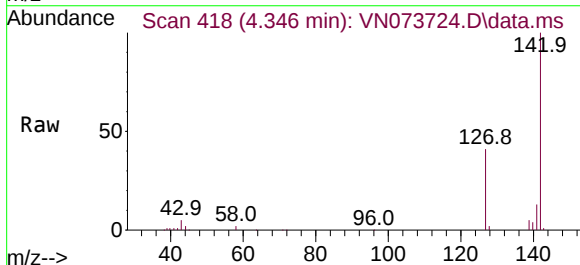
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Tgt Ion:101 Resp: 162659
Ion Ratio Lower Upper
101 100
85 42.6 34.7 52.1
151 79.2 63.0 94.4



#10
Methyl Iodide
Concen: 42.677 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion:142 Resp: 147221
Ion Ratio Lower Upper
142 100
127 41.5 31.3 46.9
141 14.0 11.2 16.8

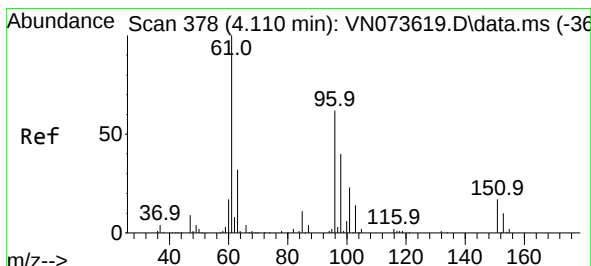
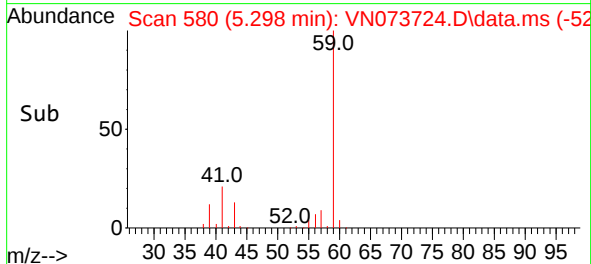
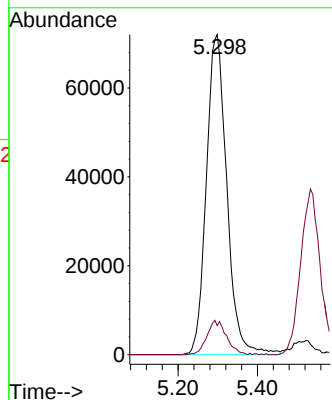
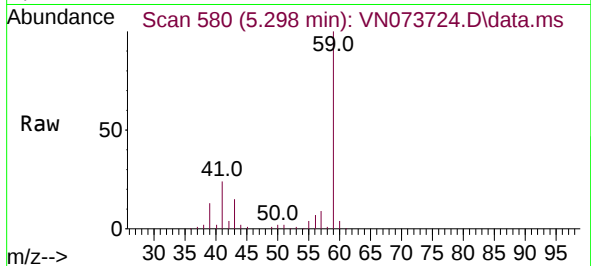




#11
Tert butyl alcohol
Concen: 280.352 ug/l
RT: 5.298 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

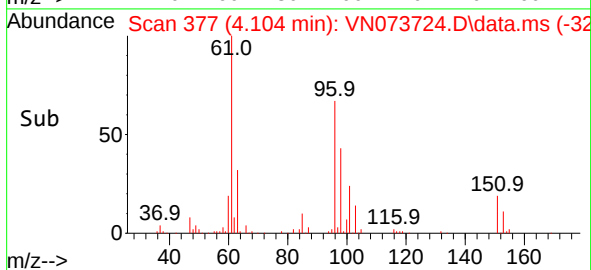
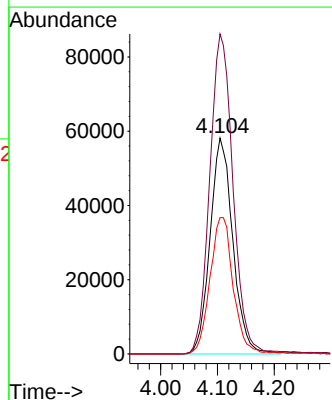
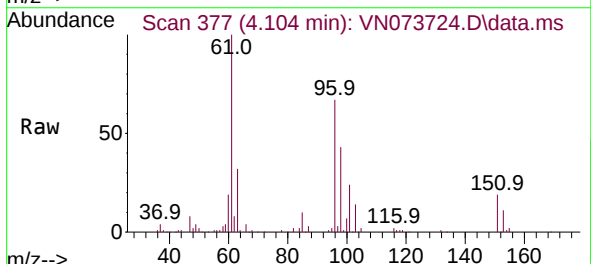
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

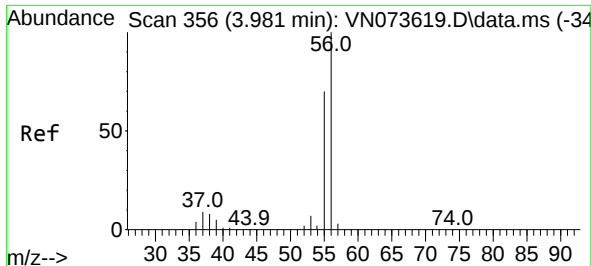
Tgt Ion: 59 Resp: 258494
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.532 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 96 Resp: 161539
Ion Ratio Lower Upper
96 100
61 148.3 127.6 191.4
98 63.2 51.2 76.8

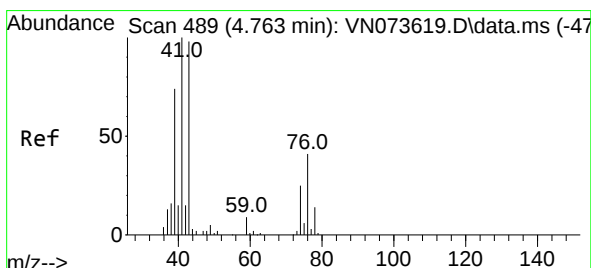
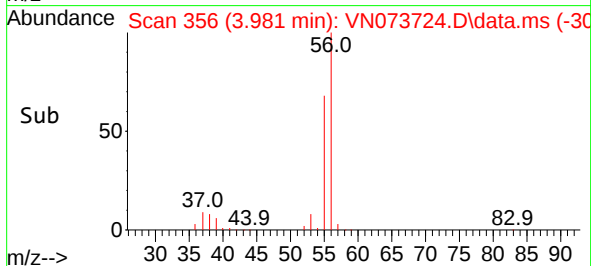
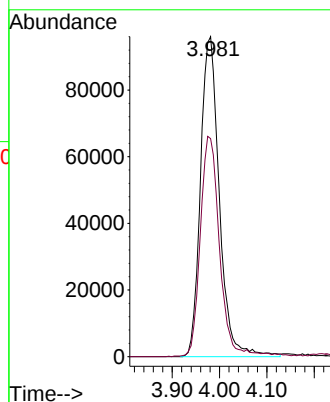
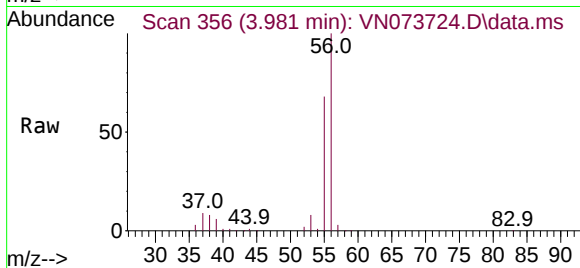




#13
Acrolein
Concen: 289.527 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

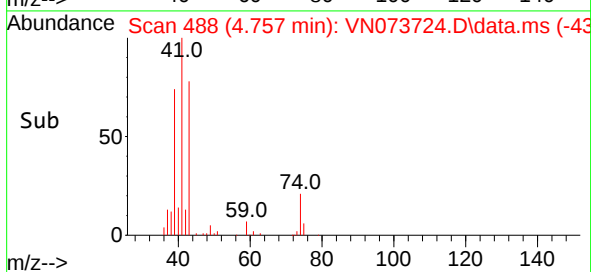
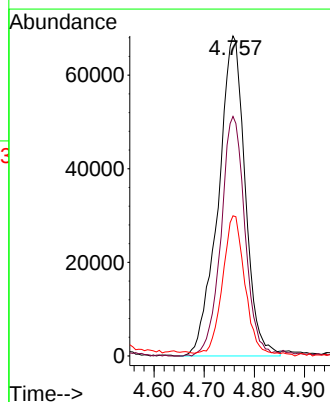
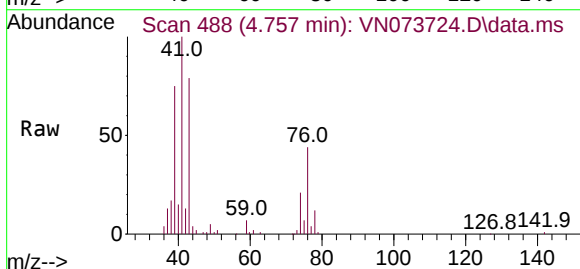
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

Tgt Ion: 56 Resp: 264655
Ion Ratio Lower Upper
56 100
55 70.3 54.8 82.2



#14
Allyl chloride
Concen: 47.857 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 41 Resp: 254671
Ion Ratio Lower Upper
41 100
39 66.8 53.2 79.8
76 37.3 29.9 44.9





#15

Acrylonitrile

Concen: 264.989 ug/l

RT: 5.475 min Scan# 610

Delta R.T. -0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

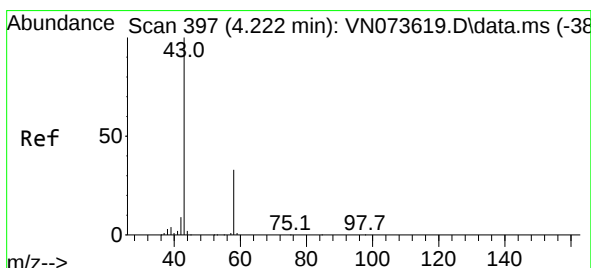
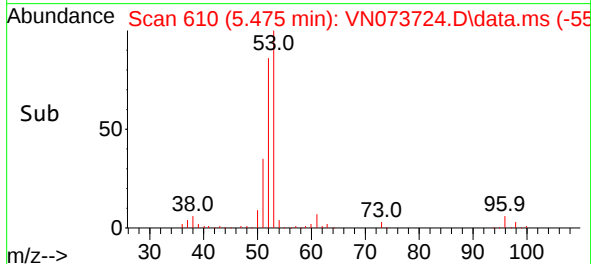
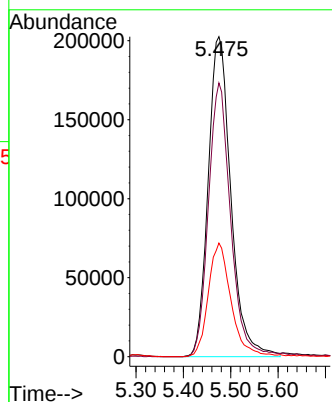
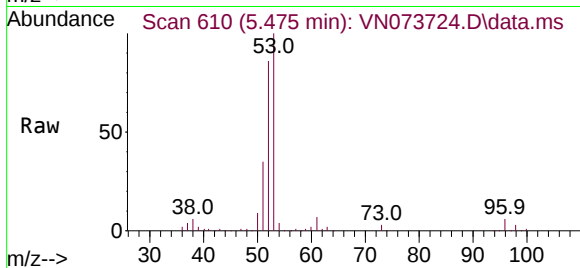
Tgt Ion: 53 Resp: 675858

Ion Ratio Lower Upper

53 100

52 84.2 66.4 99.6

51 36.0 28.5 42.7



#16

Acetone

Concen: 265.615 ug/l

RT: 4.222 min Scan# 397

Delta R.T. 0.000 min

Lab File: VN073724.D

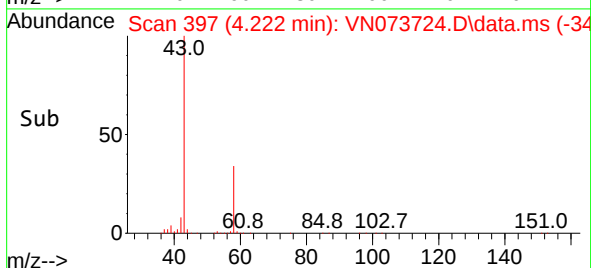
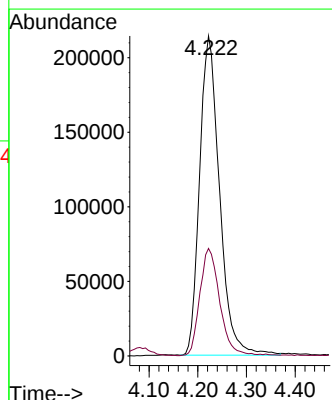
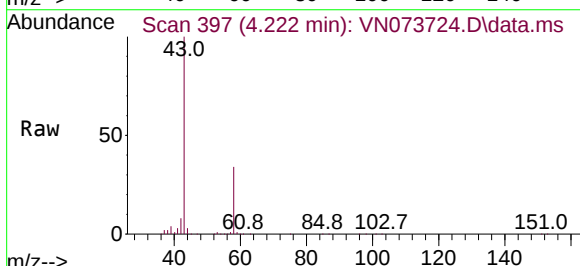
Acq: 03 Aug 2022 20:20

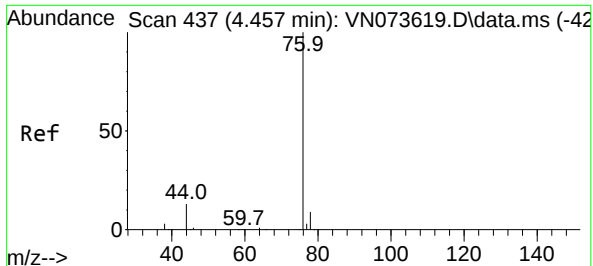
Tgt Ion: 43 Resp: 609933

Ion Ratio Lower Upper

43 100

58 33.6 26.0 39.0

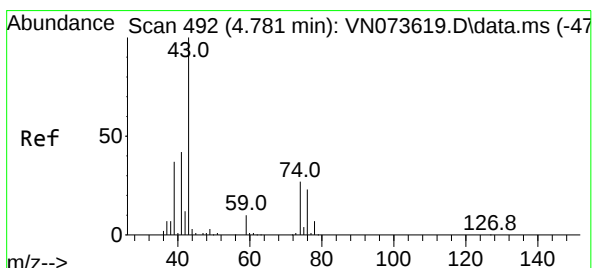
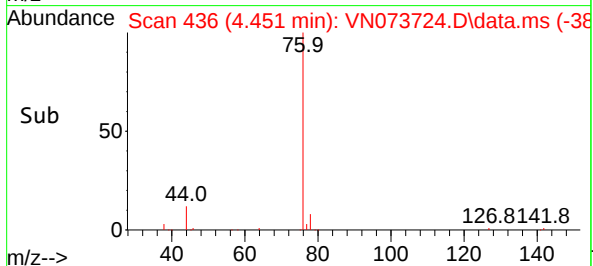
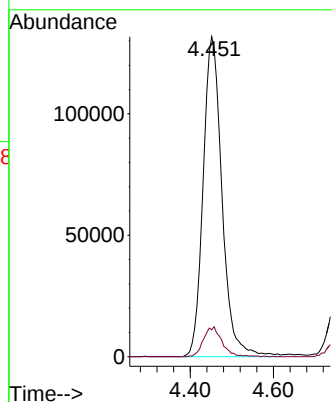
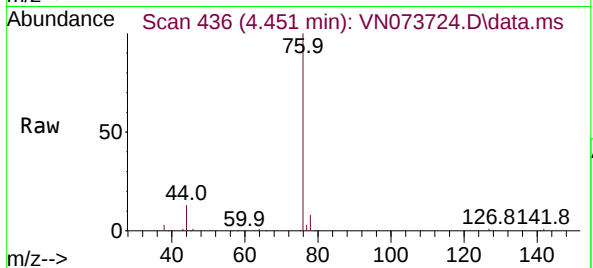




#17
Carbon Disulfide
Concen: 47.202 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

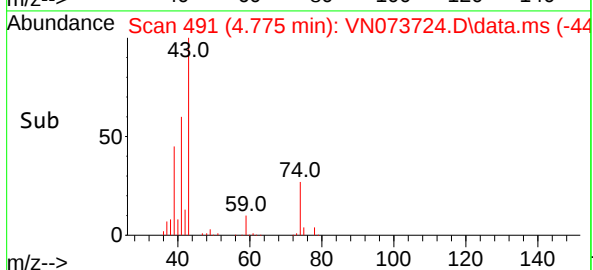
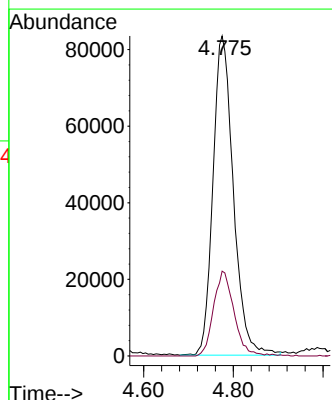
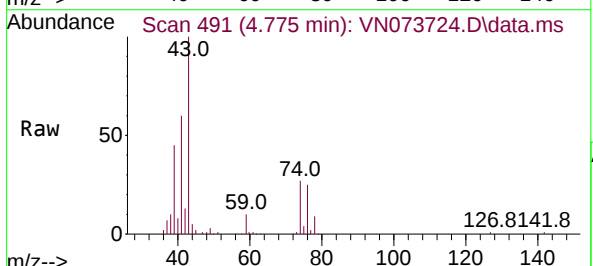
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

Tgt Ion: 76 Resp: 416585
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 46.115 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 43 Resp: 263450
Ion Ratio Lower Upper
43 100
74 26.4 21.6 32.4

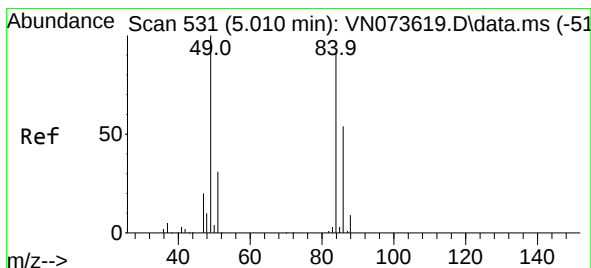
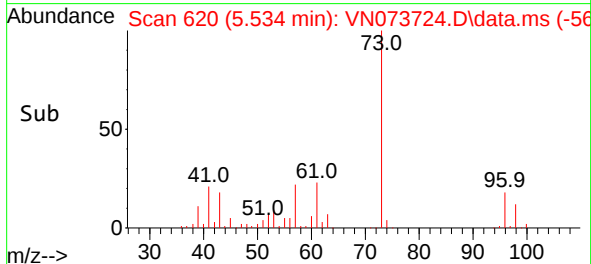
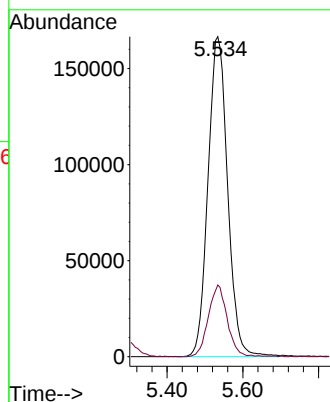
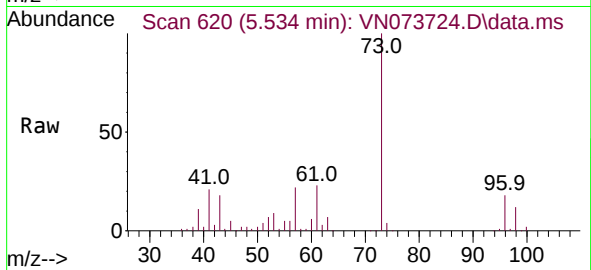




#19
Methyl tert-butyl Ether
Concen: 52.643 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

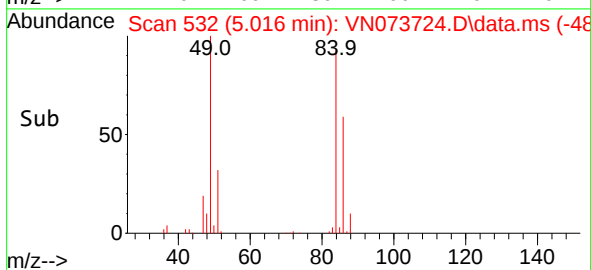
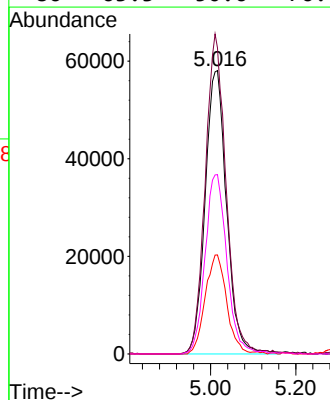
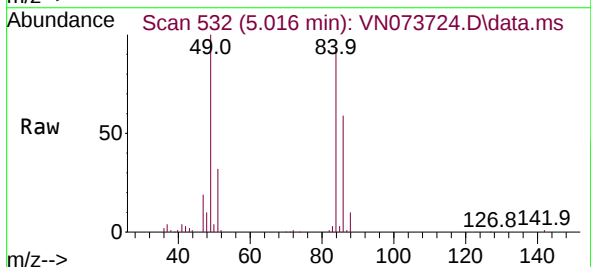
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

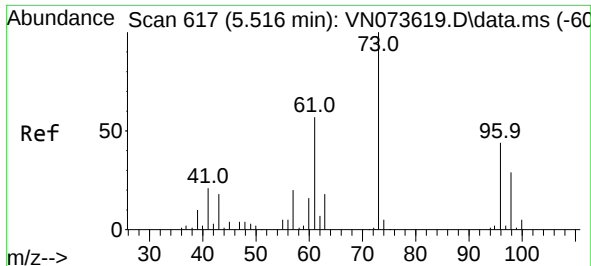
Tgt Ion: 73 Resp: 598608
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4



#20
Methylene Chloride
Concen: 55.023 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 84 Resp: 203578
Ion Ratio Lower Upper
84 100
49 108.0 88.3 132.5
51 34.9 28.2 42.2
86 63.3 50.6 76.0

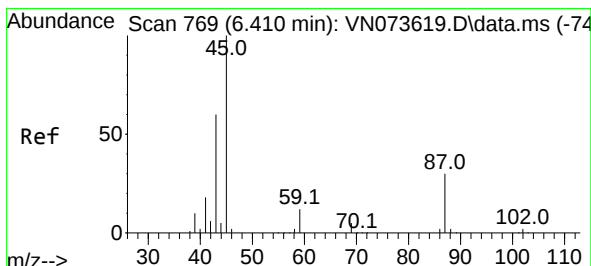
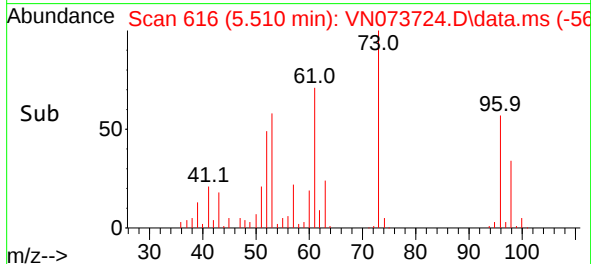
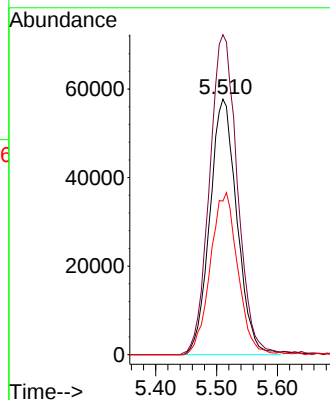
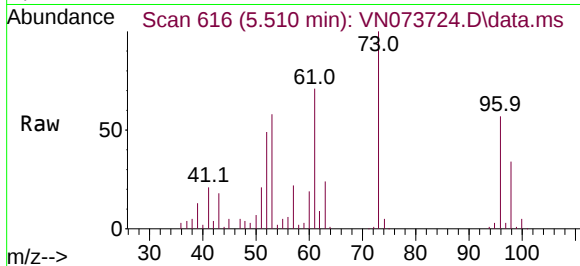




#21
trans-1,2-Dichloroethene
Concen: 49.643 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

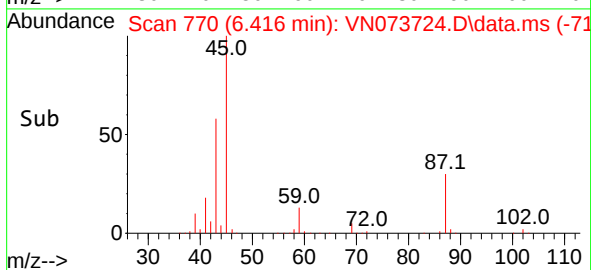
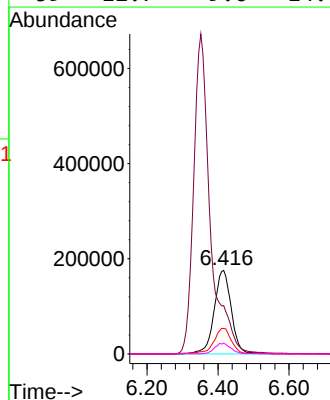
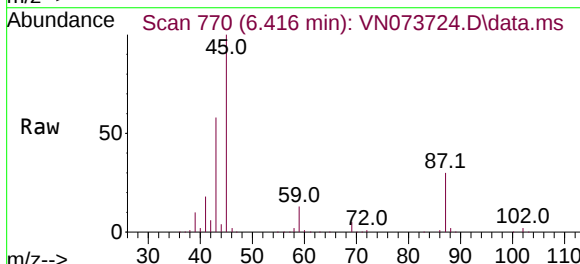
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

Tgt Ion: 96 Resp: 178869
Ion Ratio Lower Upper
96 100
61 125.2 105.8 158.8
98 60.1 50.3 75.5



#22
Diisopropyl ether
Concen: 51.305 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 45 Resp: 589020
Ion Ratio Lower Upper
45 100
43 57.0 46.6 70.0
87 30.2 24.3 36.5
59 12.7 9.6 14.4

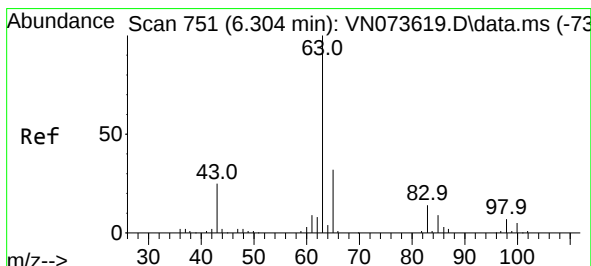
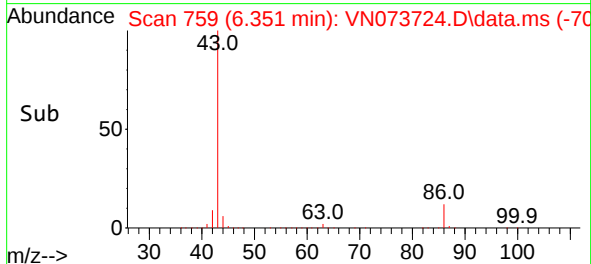
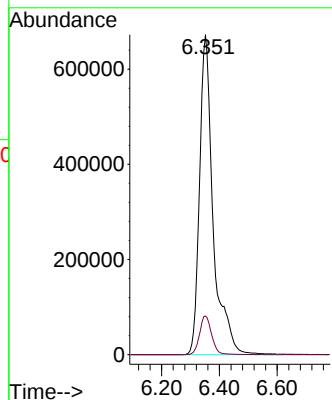
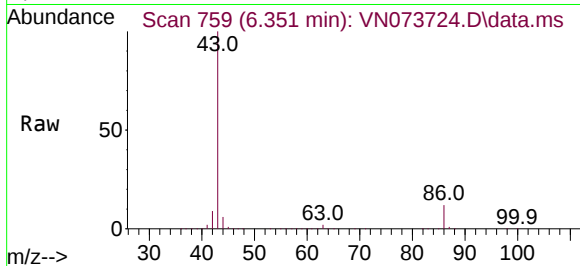




#23
 Vinyl Acetate
 Concen: 228.768 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073724.D
 Acq: 03 Aug 2022 20:20

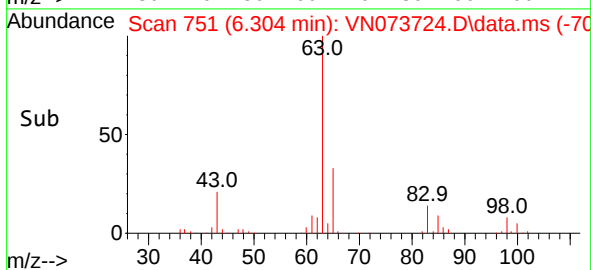
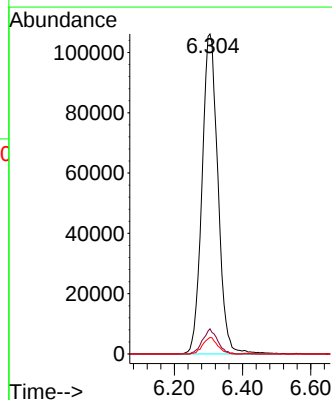
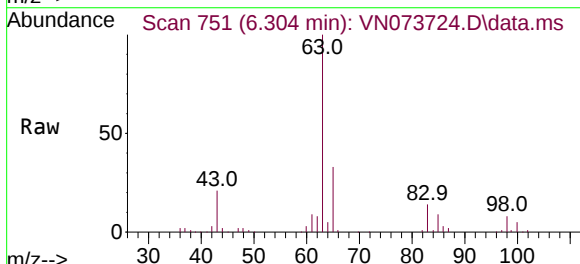
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MSD

Tgt Ion: 43 Resp: 2202038
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 48.795 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073724.D
 Acq: 03 Aug 2022 20:20

Tgt Ion: 63 Resp: 344640
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.2 2.3 6.8

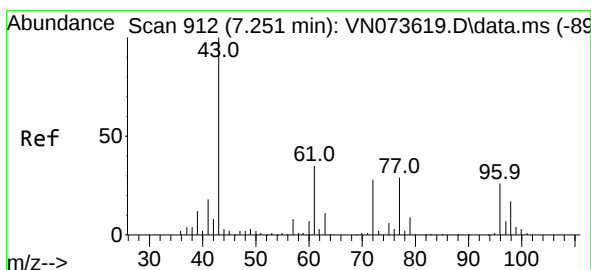
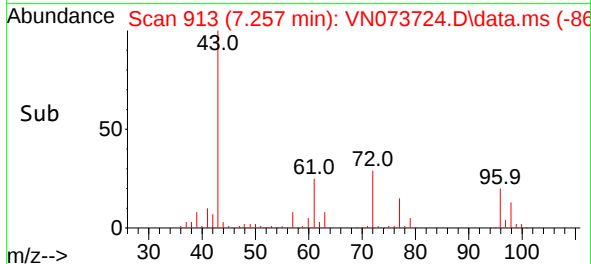
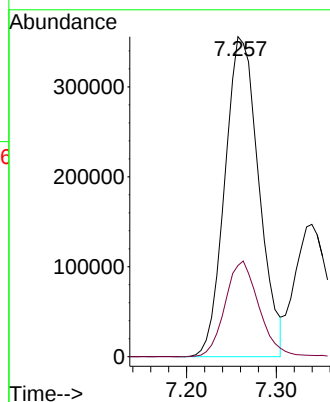
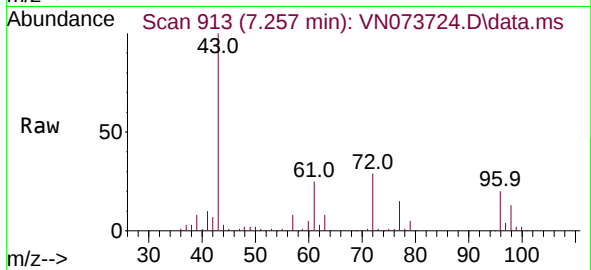




#25
2-Butanone
Concen: 262.958 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

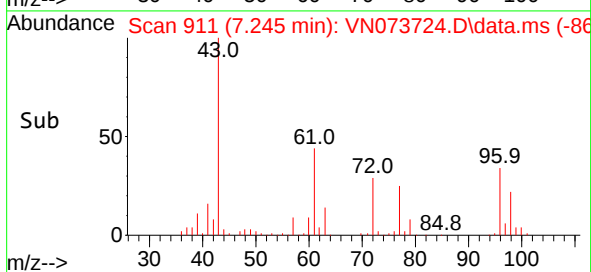
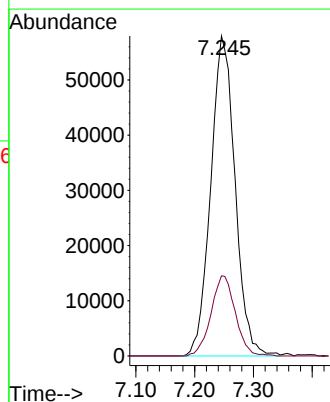
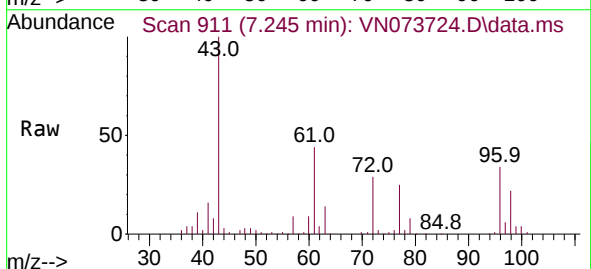
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

Tgt Ion: 43 Resp: 937736
Ion Ratio Lower Upper
43 100
72 28.5 23.7 35.5



#26
2,2-Dichloropropane
Concen: 30.687 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 77 Resp: 166758
Ion Ratio Lower Upper
77 100
97 25.0 11.4 34.2

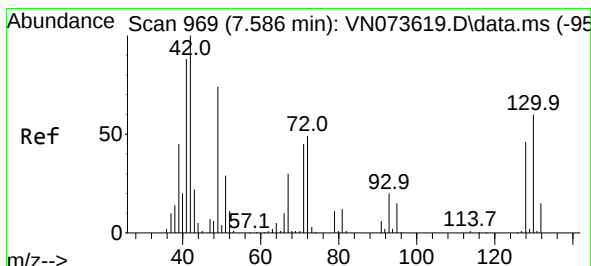
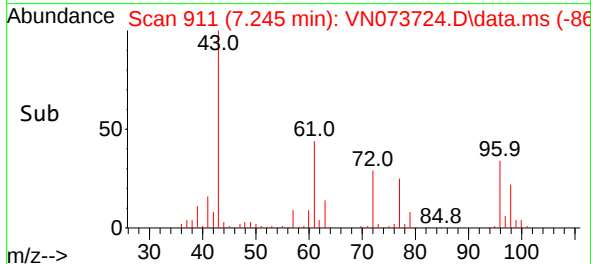
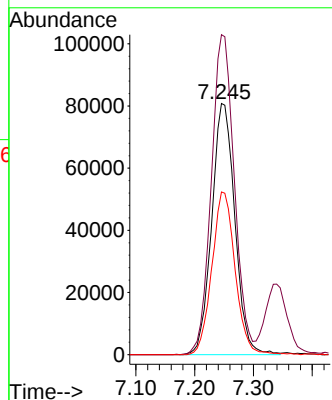
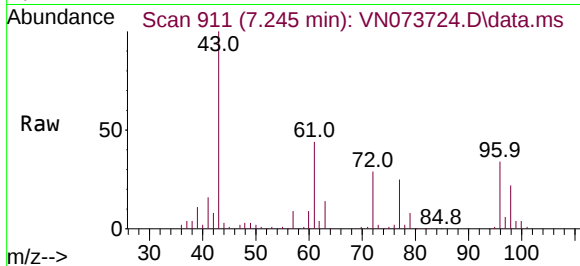




#27
 cis-1,2-Dichloroethene
 Concen: 49.731 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073724.D
 Acq: 03 Aug 2022 20:20

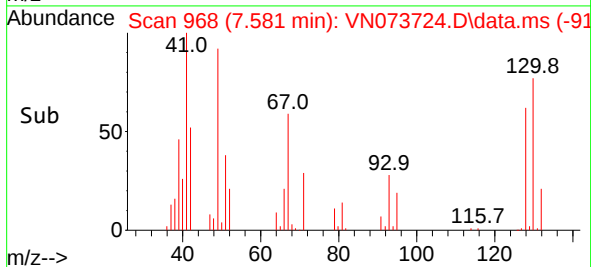
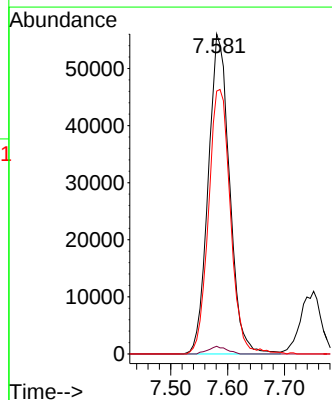
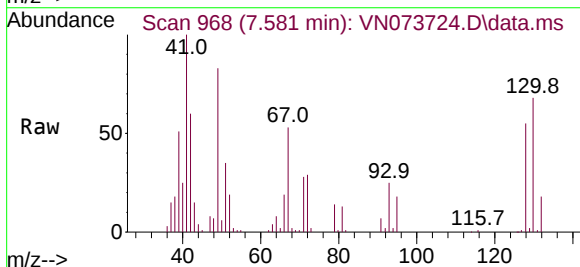
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MSD

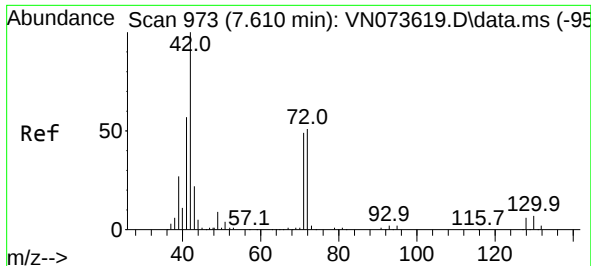
Tgt Ion: 96 Resp: 220771
 Ion Ratio Lower Upper
 96 100
 61 126.8 0.0 280.6
 98 65.2 0.0 128.4



#28
 Bromochloromethane
 Concen: 49.204 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073724.D
 Acq: 03 Aug 2022 20:20

Tgt Ion: 49 Resp: 145920
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 85.0 69.7 104.5





#29

Tetrahydrofuran

Concen: 268.663 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

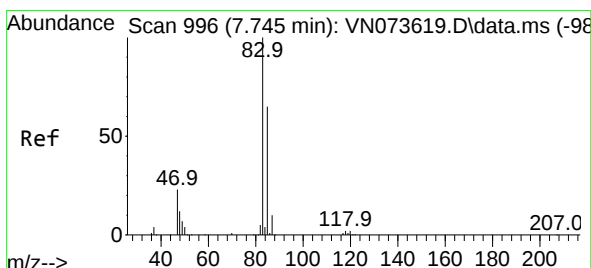
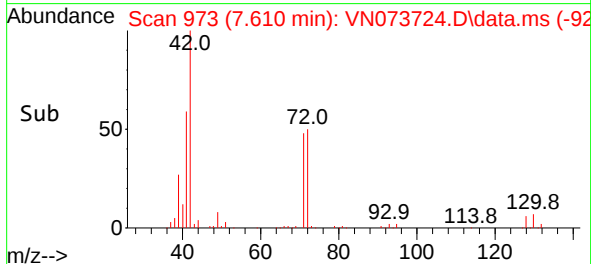
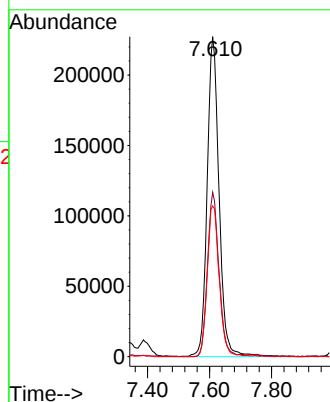
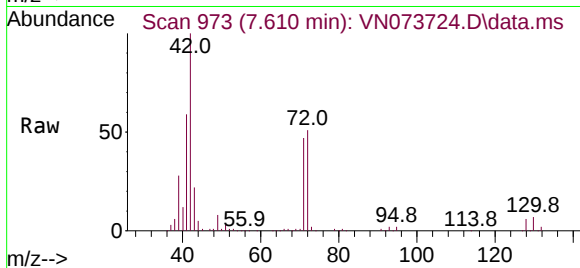
Tgt Ion: 42 Resp: 605746

Ion Ratio Lower Upper

42 100

72 49.9 39.7 59.5

71 47.2 36.6 55.0



#30

Chloroform

Concen: 49.490 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073724.D

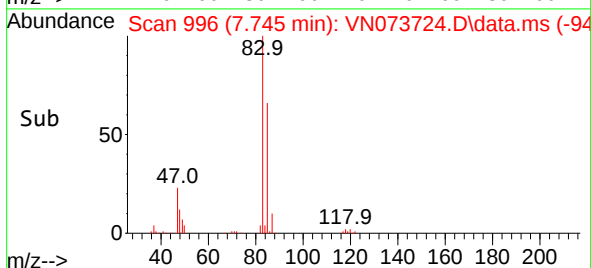
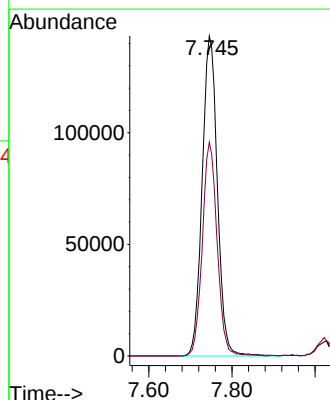
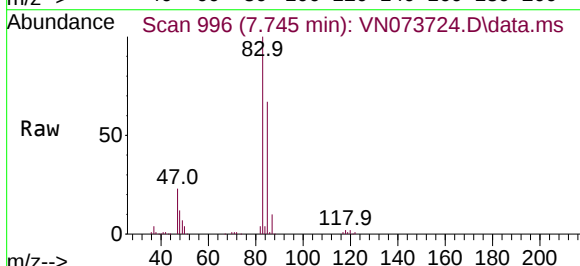
Acq: 03 Aug 2022 20:20

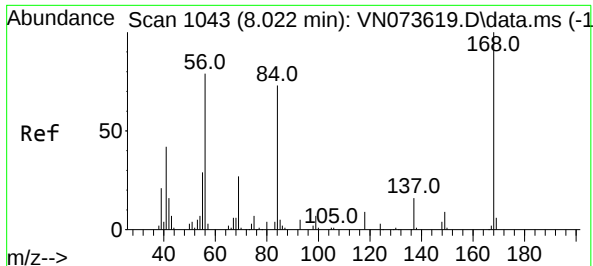
Tgt Ion: 83 Resp: 364189

Ion Ratio Lower Upper

83 100

85 66.8 51.8 77.8

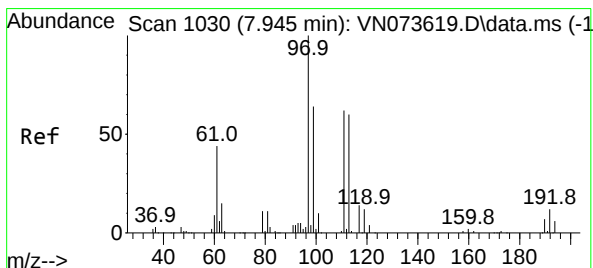
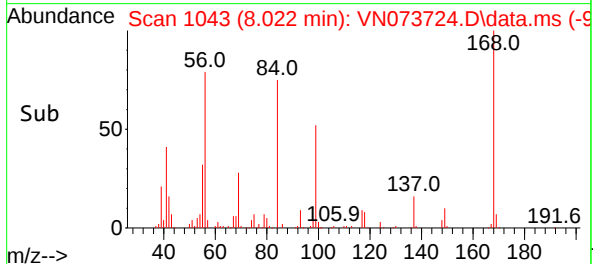
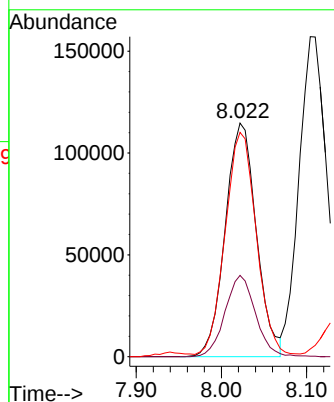
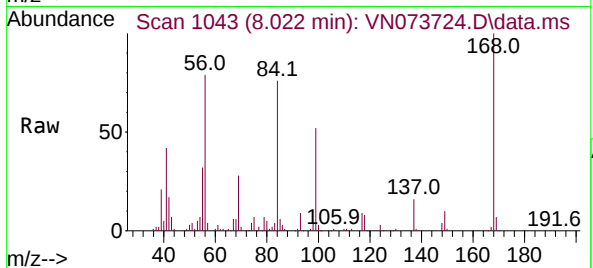




#31
Cyclohexane
Concen: 45.790 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

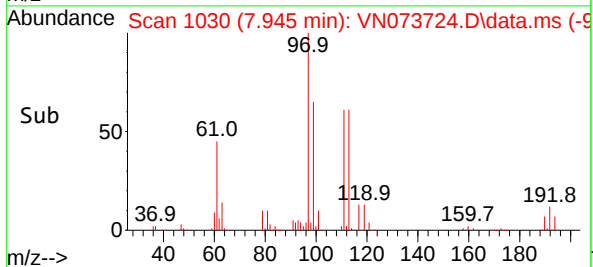
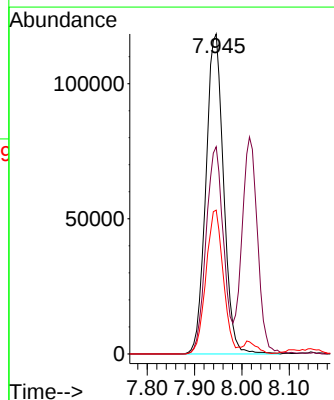
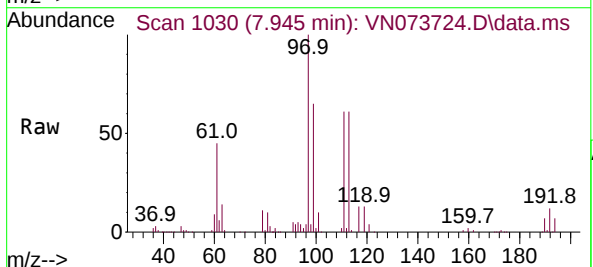
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

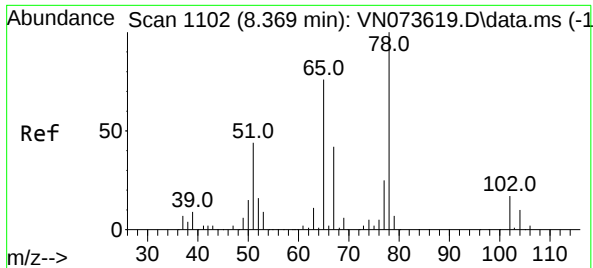
Tgt Ion: 56 Resp: 291451
Ion Ratio Lower Upper
56 100
69 34.8 27.8 41.8
84 94.6 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 50.271 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 97 Resp: 307167
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 44.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.886 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

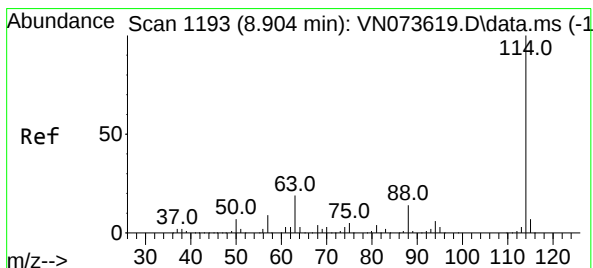
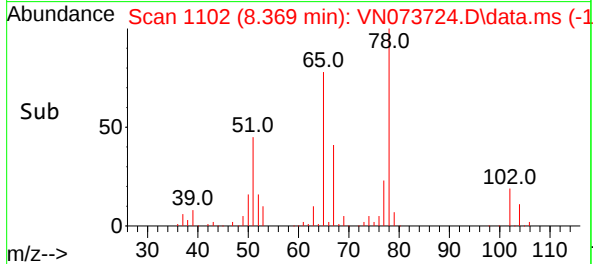
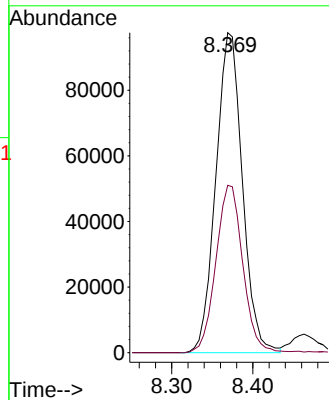
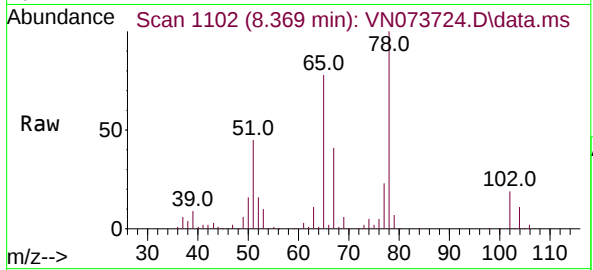
MW-30MSD

Tgt Ion: 65 Resp: 221829

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

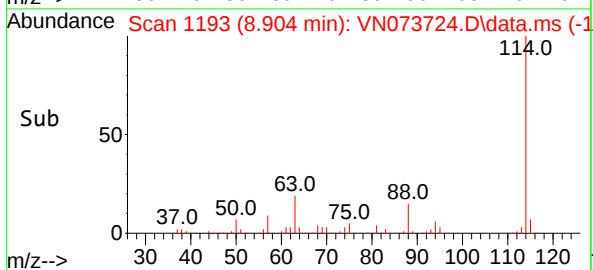
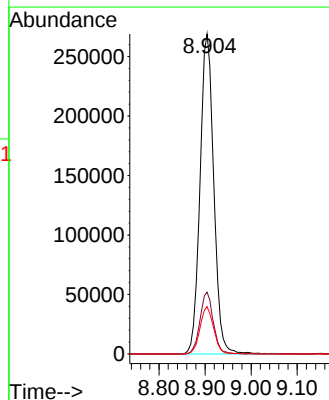
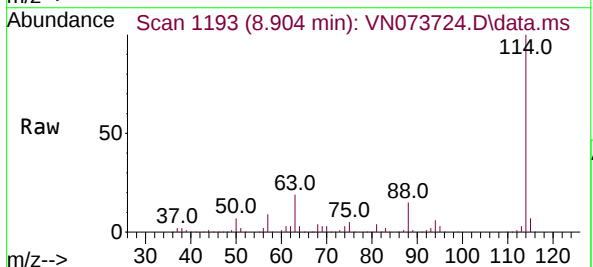
Tgt Ion: 114 Resp: 559230

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.850 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

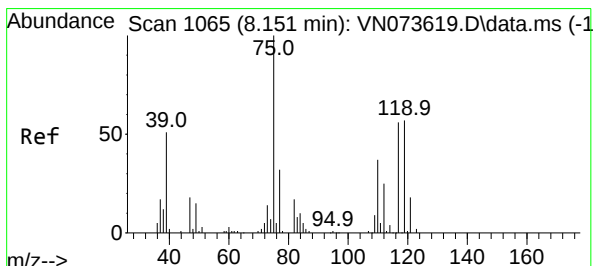
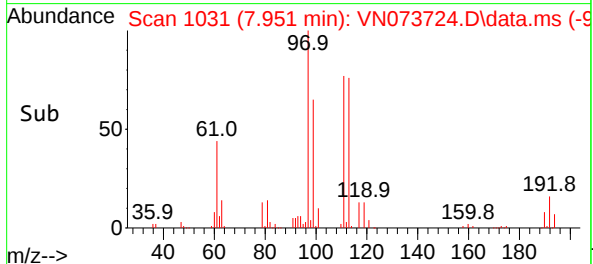
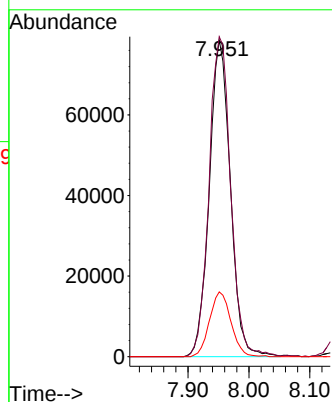
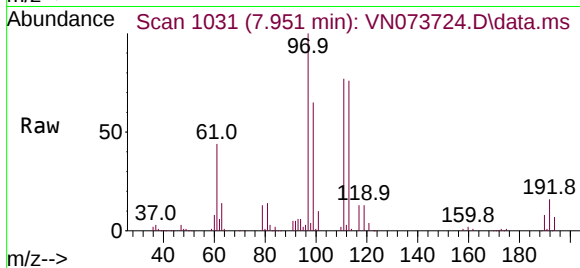
Tgt Ion:113 Resp: 189099

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 20.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 51.439 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

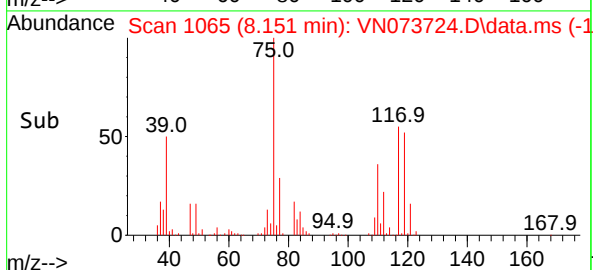
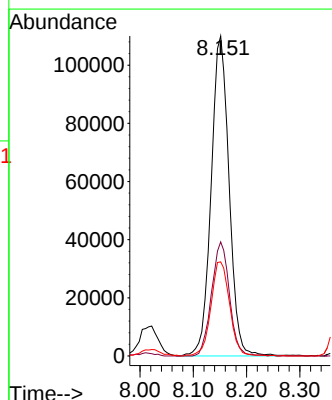
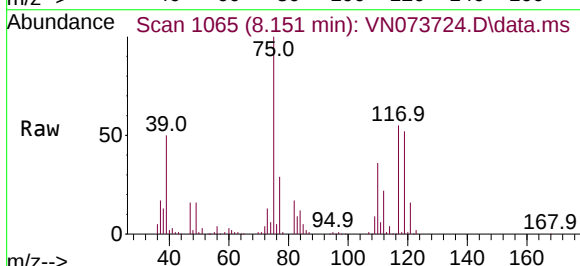
Tgt Ion: 75 Resp: 257446

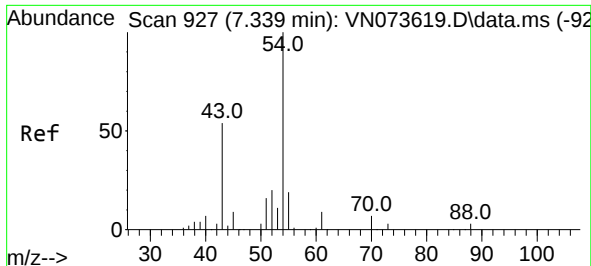
Ion Ratio Lower Upper

75 100

110 35.6 18.3 54.8

77 30.6 25.1 37.7

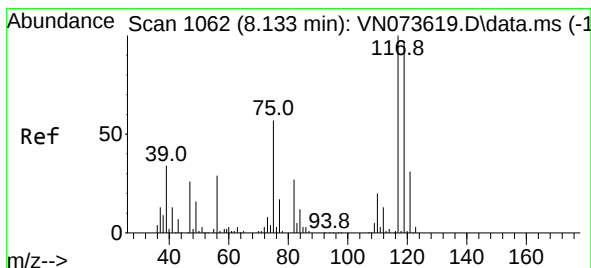
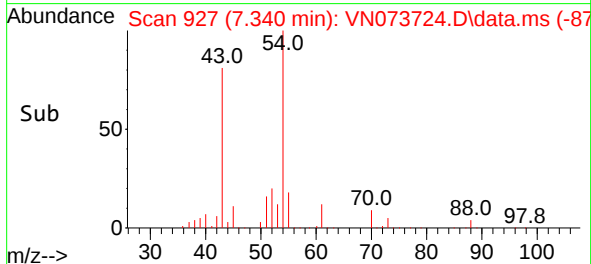
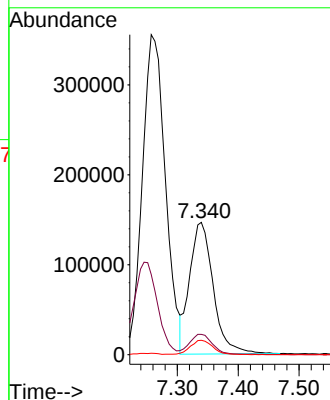
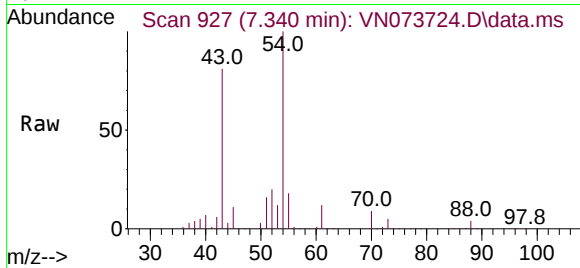




#37
Ethyl Acetate
Concen: 60.029 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

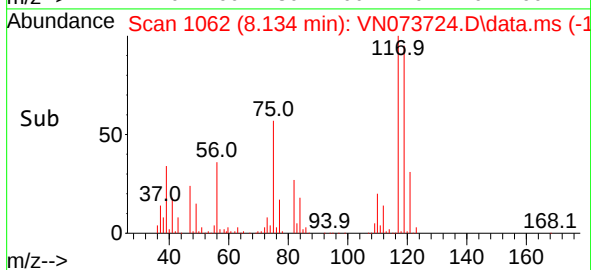
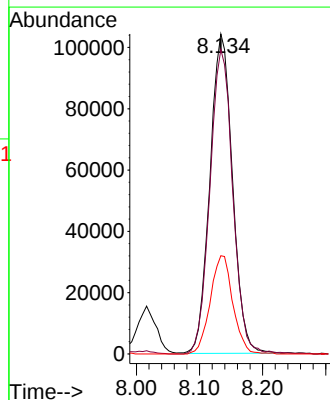
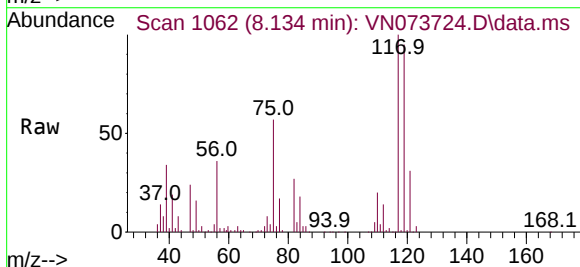
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

Tgt Ion: 43 Resp: 395664
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 10.4 9.3 13.9



#38
Carbon Tetrachloride
Concen: 50.956 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 117 Resp: 259019
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 50.641 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

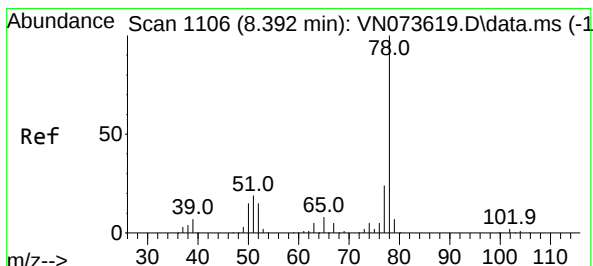
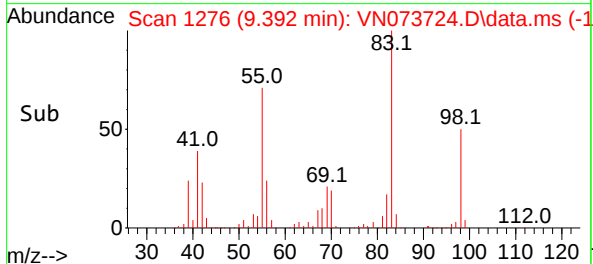
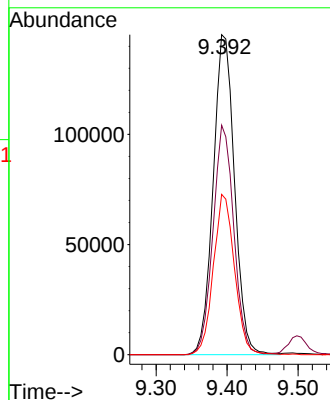
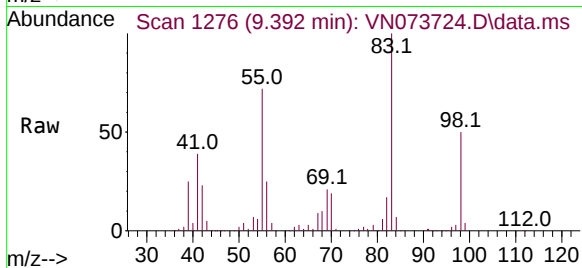
Tgt Ion: 83 Resp: 302872

Ion Ratio Lower Upper

83 100

55 71.7 57.8 86.8

98 50.1 39.4 59.2



#40

Benzene

Concen: 50.995 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073724.D

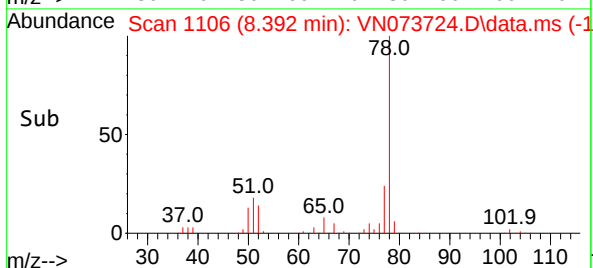
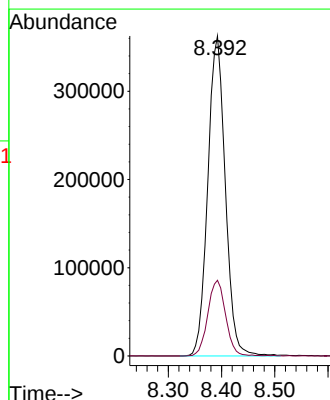
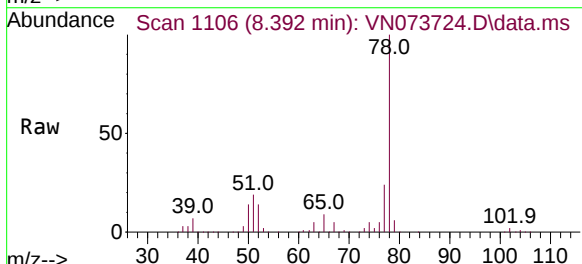
Acq: 03 Aug 2022 20:20

Tgt Ion: 78 Resp: 828785

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0

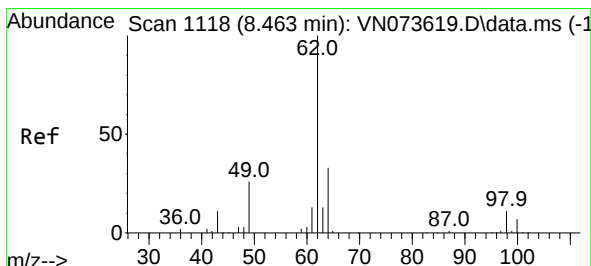
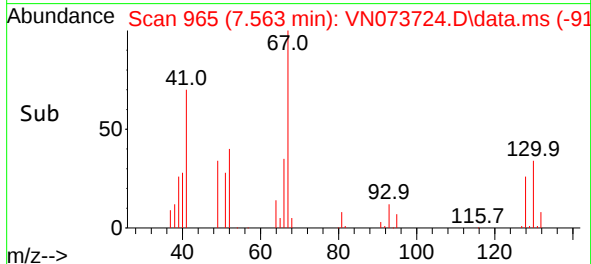
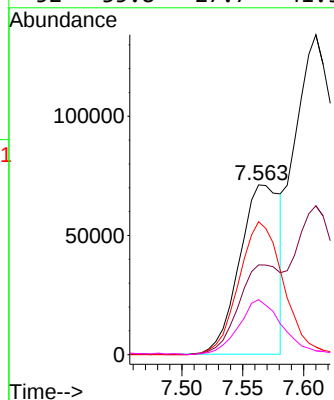
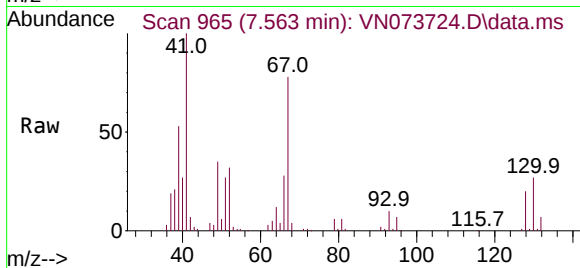




#41
Methacrylonitrile
Concen: 55.015 ug/l
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

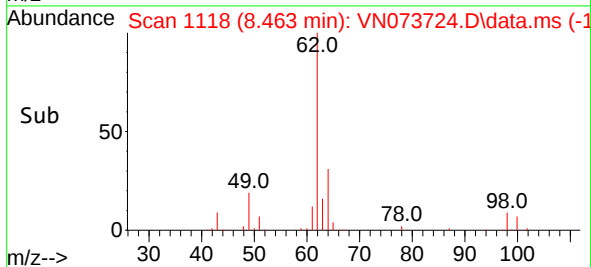
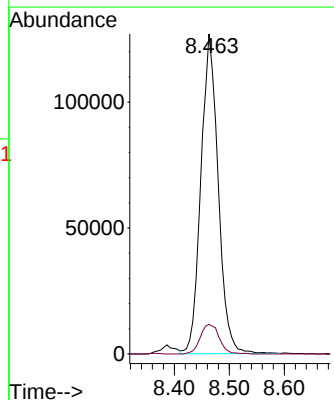
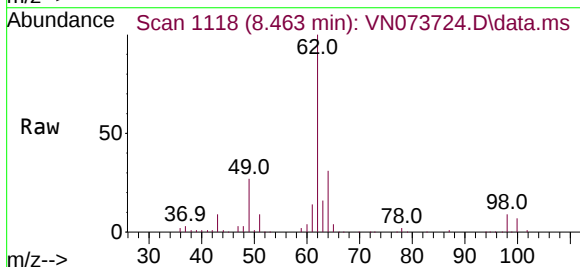
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

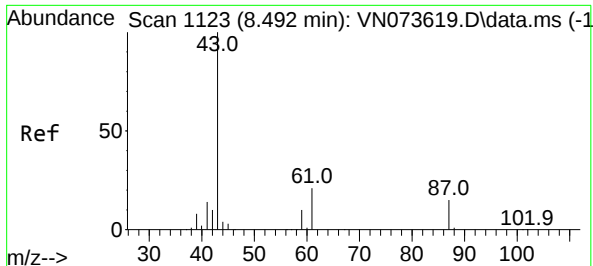
Tgt Ion:	41	Resp:	164086
Ion	Ratio	Lower	Upper
41	100		
39	54.1	48.6	73.0
67	88.1	73.4	110.2
52	35.8	27.7	41.5



#42
1,2-Dichloroethane
Concen: 50.619 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion:	62	Resp:	277261
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4

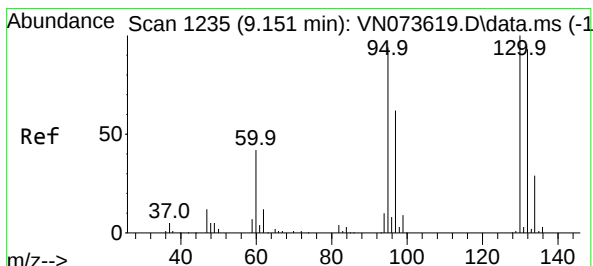
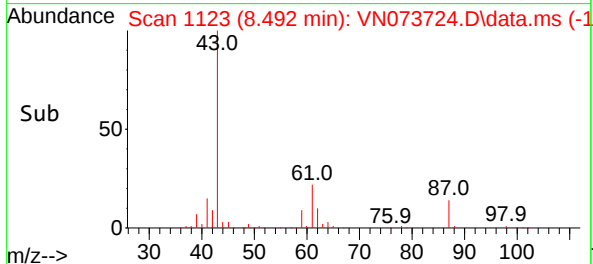
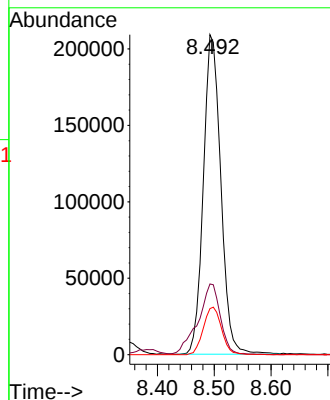
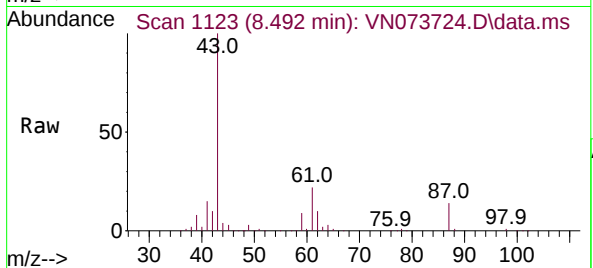




#43
Isopropyl Acetate
Concen: 50.135 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

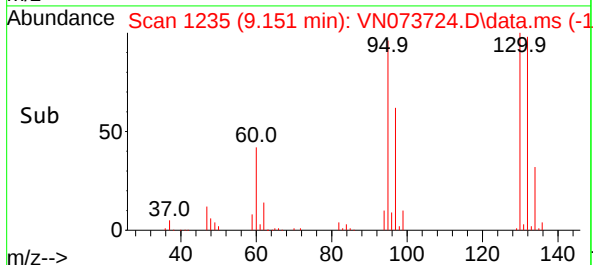
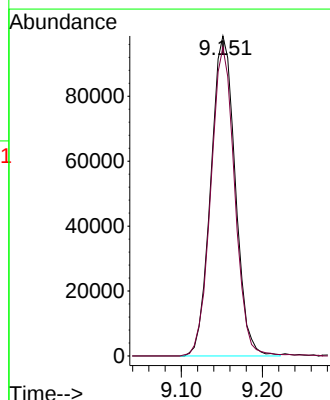
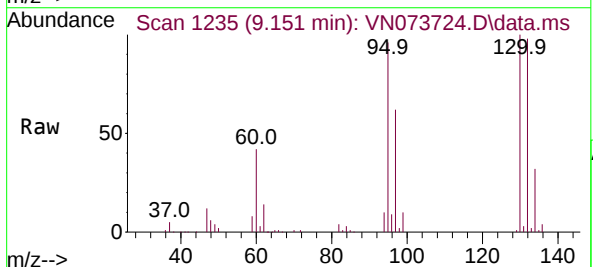
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

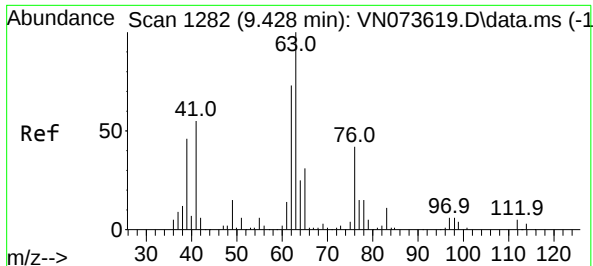
Tgt Ion: 43 Resp: 446337
Ion Ratio Lower Upper
43 100
61 28.5 21.9 32.9
87 15.5 12.0 18.0



#44
Trichloroethene
Concen: 49.970 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion:130 Resp: 205949
Ion Ratio Lower Upper
130 100
95 96.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.078 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

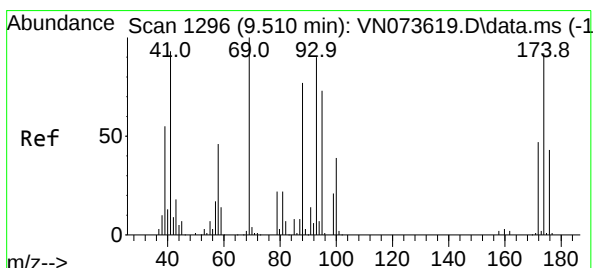
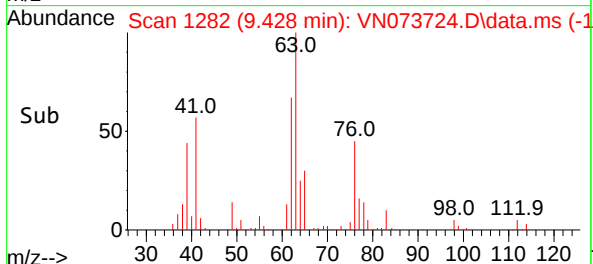
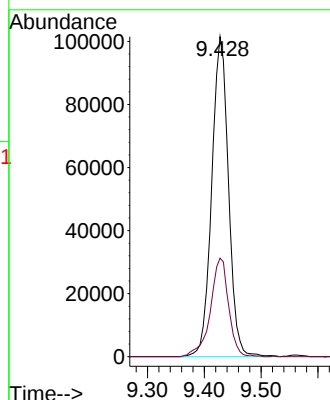
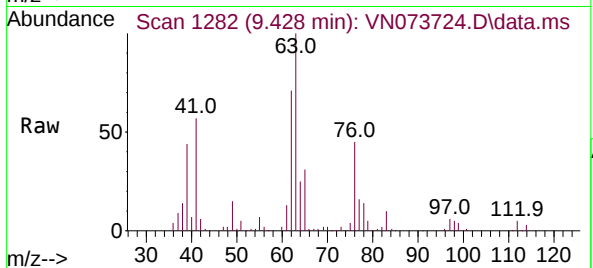
MW-30MSD

Tgt Ion: 63 Resp: 207494

Ion Ratio Lower Upper

63 100

65 30.8 24.9 37.3



#46

Dibromomethane

Concen: 52.285 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

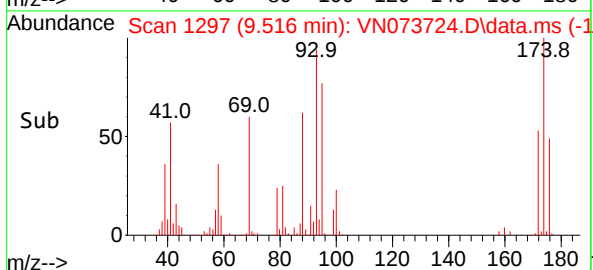
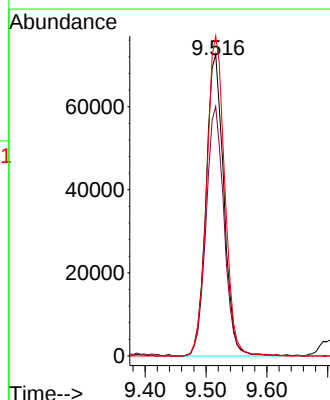
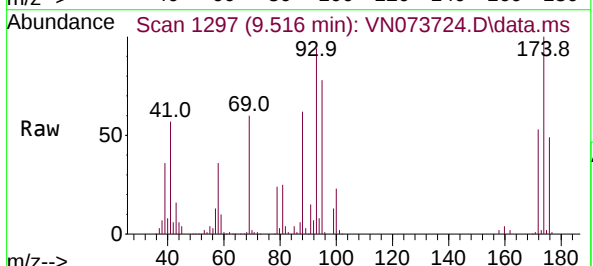
Tgt Ion: 93 Resp: 147414

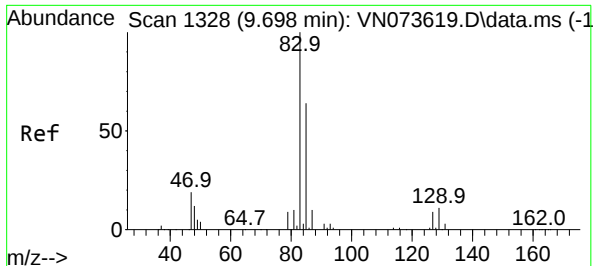
Ion Ratio Lower Upper

93 100

95 83.7 66.9 100.3

174 107.6 86.6 130.0

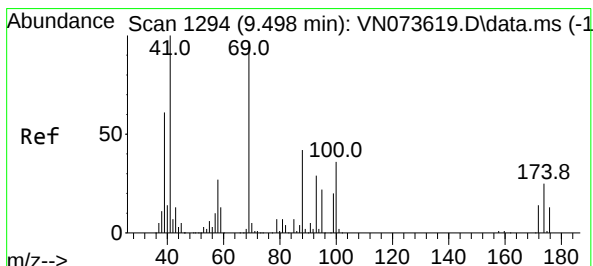
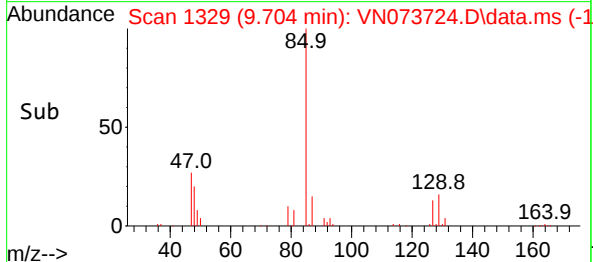
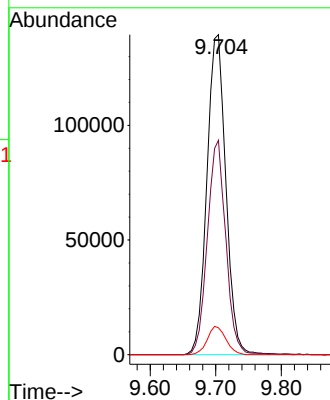
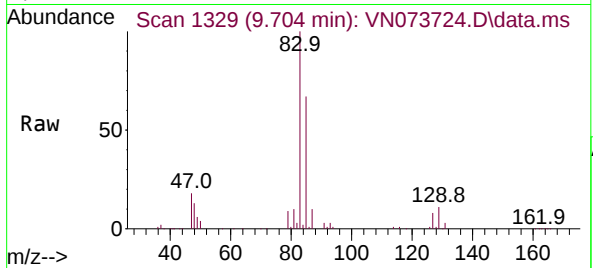




#47
Bromodichloromethane
Concen: 51.797 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

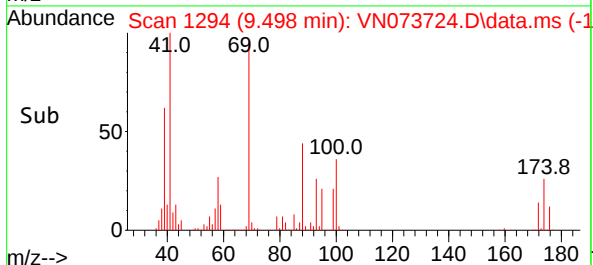
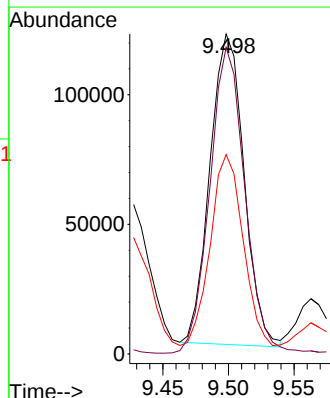
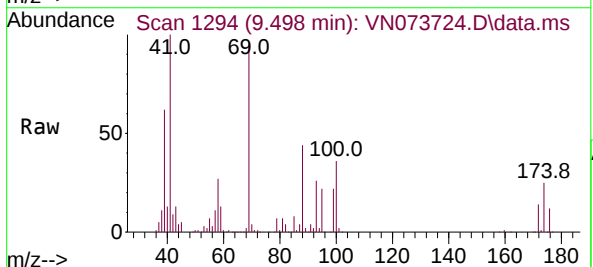
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

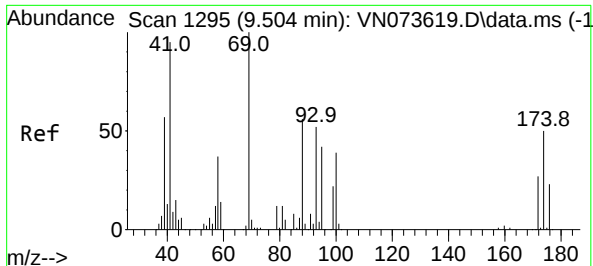
Tgt Ion: 83 Resp: 280290
Ion Ratio Lower Upper
83 100
85 67.0 50.5 75.7
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 55.416 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 41 Resp: 215955
Ion Ratio Lower Upper
41 100
69 102.1 74.7 112.1
39 59.8 45.6 68.4





#49

1,4-Dioxane

Concen: 1183.707 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

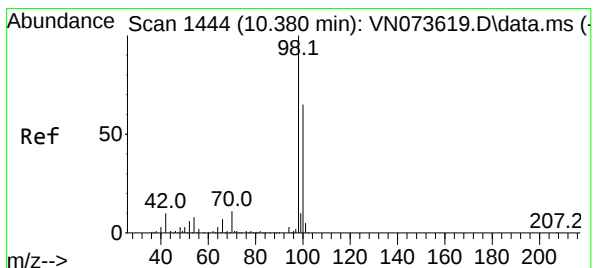
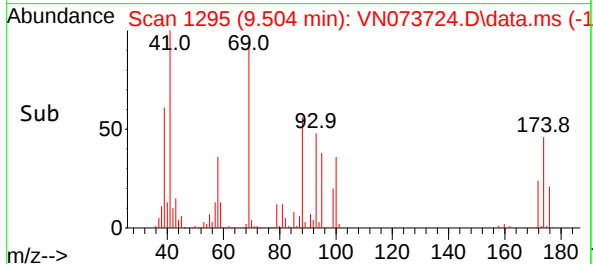
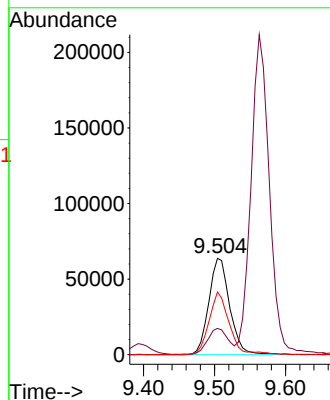
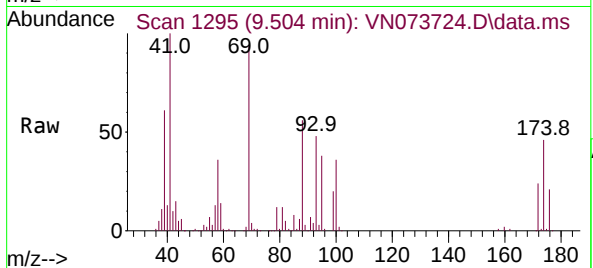
Tgt Ion: 88 Resp: 130031

Ion Ratio Lower Upper

88 100

43 26.4 20.2 30.4

58 63.3 54.2 81.4



#50

Toluene-d8

Concen: 53.771 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073724.D

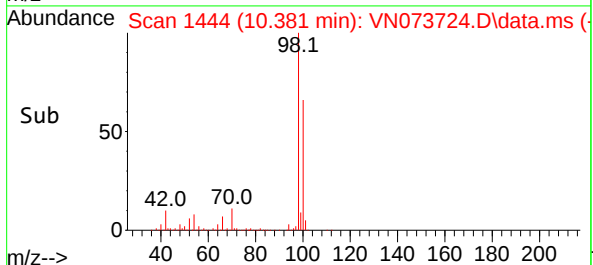
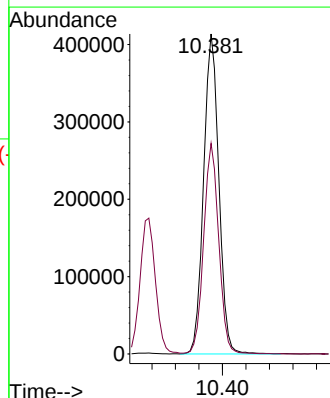
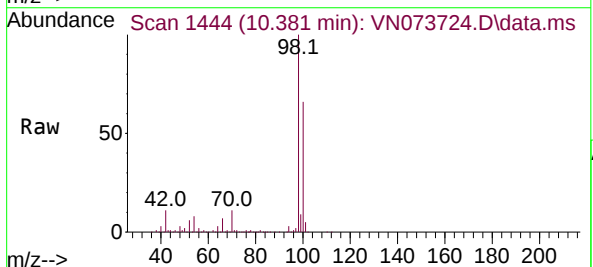
Acq: 03 Aug 2022 20:20

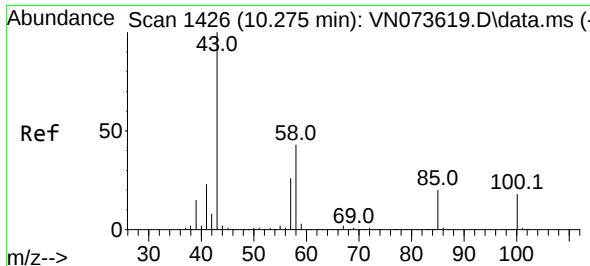
Tgt Ion: 98 Resp: 743035

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8

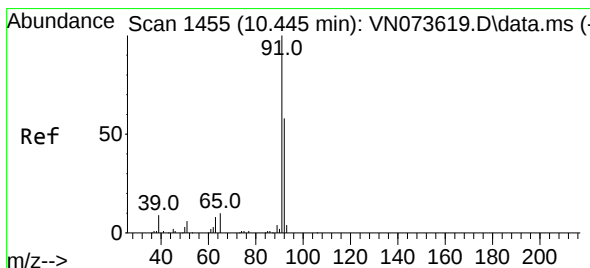
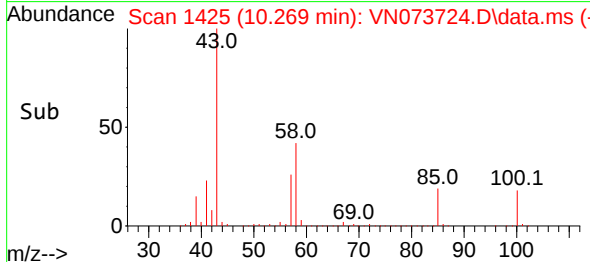
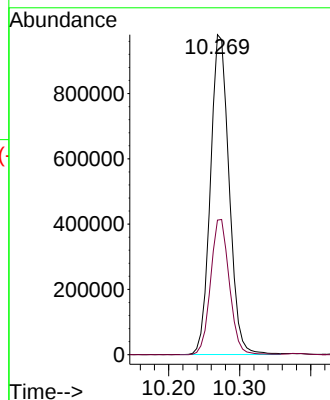
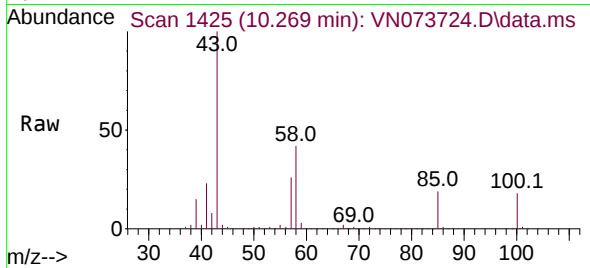




#51
4-Methyl-2-Pentanone
Concen: 280.604 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

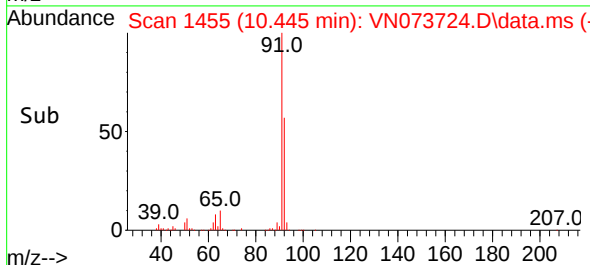
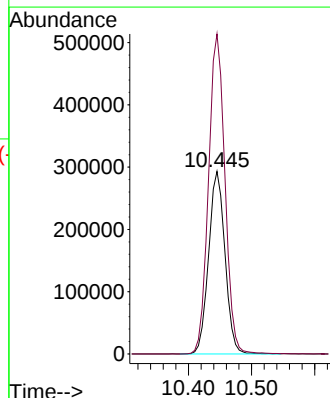
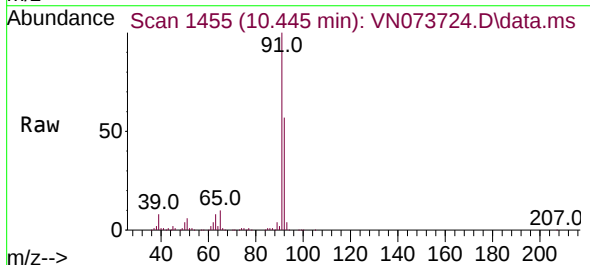
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

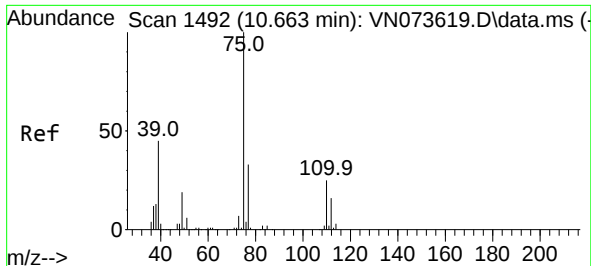
Tgt Ion: 43 Resp: 1791764
Ion Ratio Lower Upper
43 100
58 42.4 34.1 51.1



#52
Toluene
Concen: 53.199 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 92 Resp: 528109
Ion Ratio Lower Upper
92 100
91 176.4 138.6 207.8

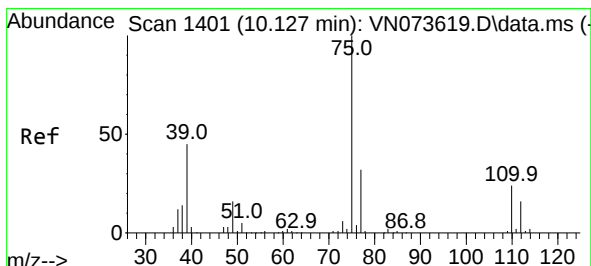
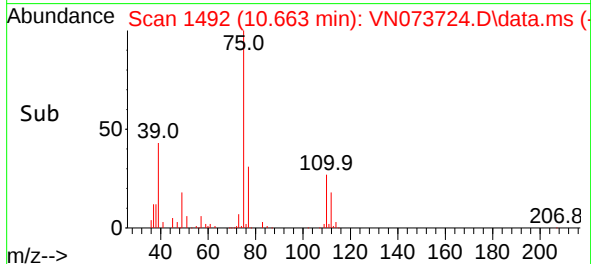
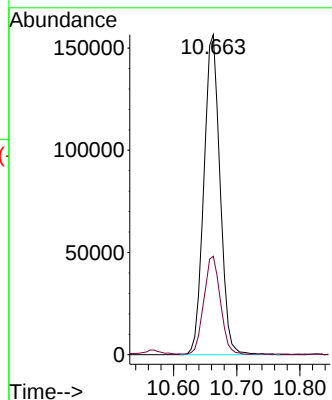
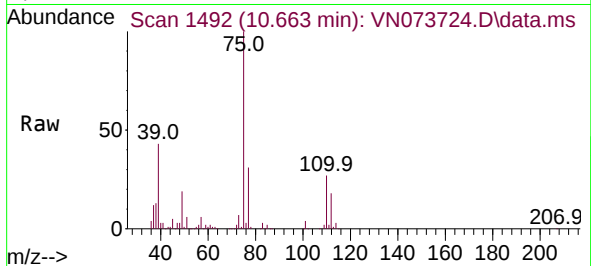




#53
t-1,3-Dichloropropene
Concen: 51.962 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

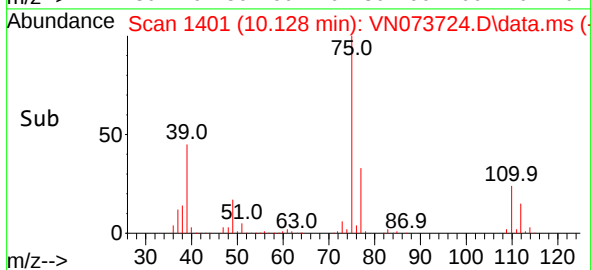
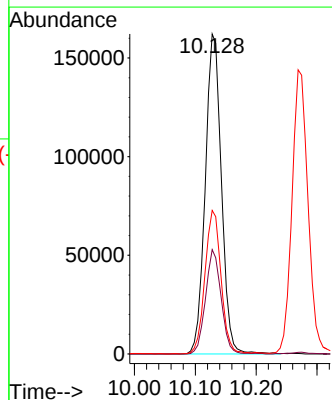
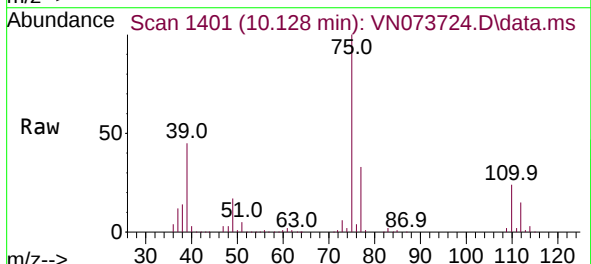
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

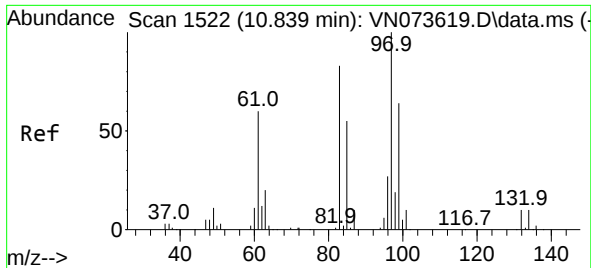
Tgt Ion: 75 Resp: 277779
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 49.718 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 75 Resp: 299510
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8
39 44.8 35.7 53.5

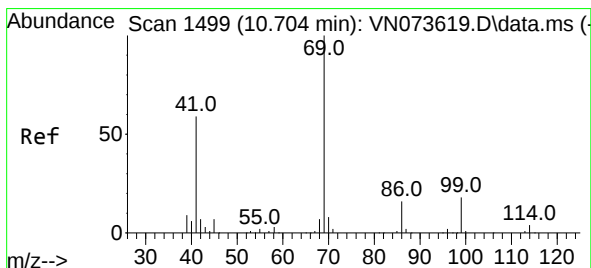
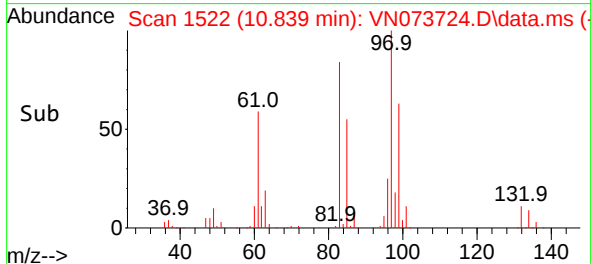
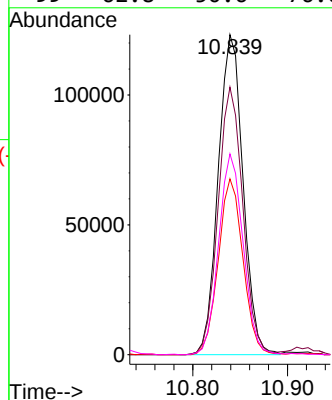
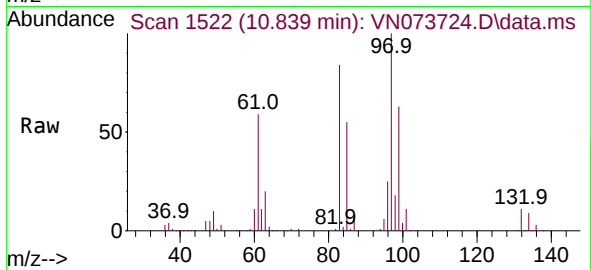




#55
 1,1,2-Trichloroethane
 Concen: 54.170 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VN073724.D
 Acq: 03 Aug 2022 20:20

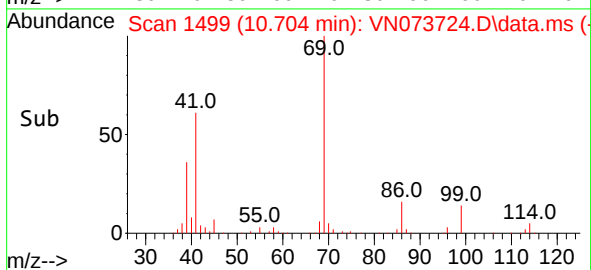
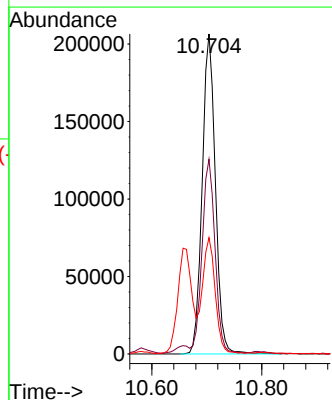
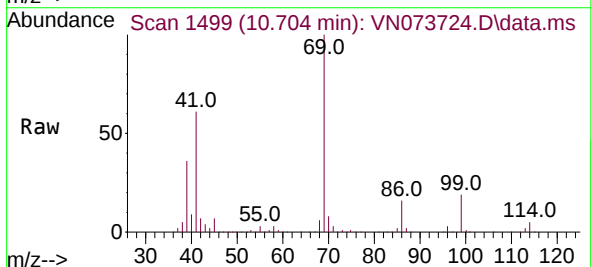
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MSD

Tgt Ion:	97	Resp:	224245
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.2	99.4
85	55.0	43.9	65.9
99	62.8	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 60.176 ug/l
 RT: 10.704 min Scan# 1499
 Delta R.T. 0.000 min
 Lab File: VN073724.D
 Acq: 03 Aug 2022 20:20

Tgt Ion:	69	Resp:	343336
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.8	71.6
39	35.6	27.3	40.9





#57

1,3-Dichloropropane

Concen: 52.969 ug/l

RT: 10.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

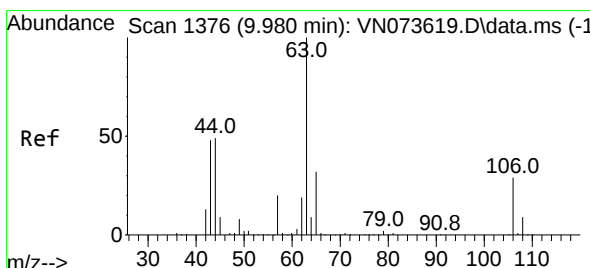
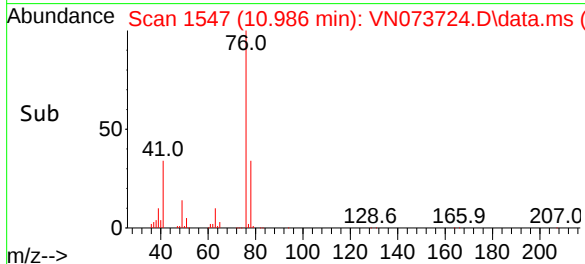
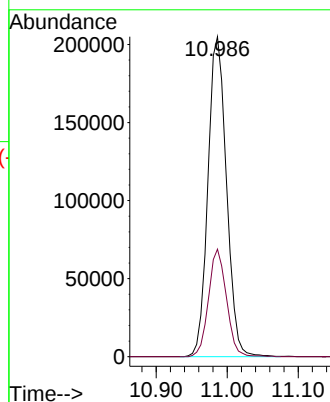
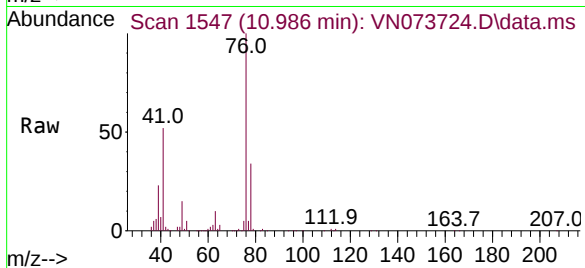
MW-30MSD

Tgt Ion: 76 Resp: 372030

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 10.022 ug/l

RT: 10.010 min Scan# 1381

Delta R.T. 0.030 min

Lab File: VN073724.D

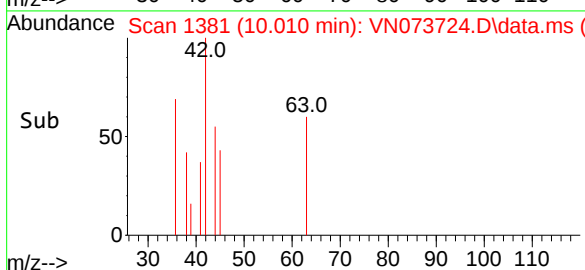
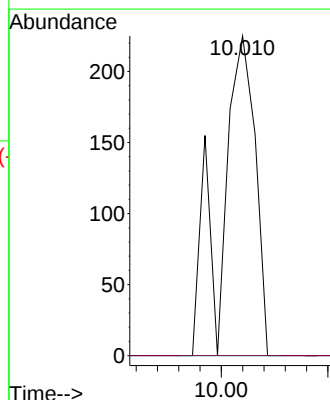
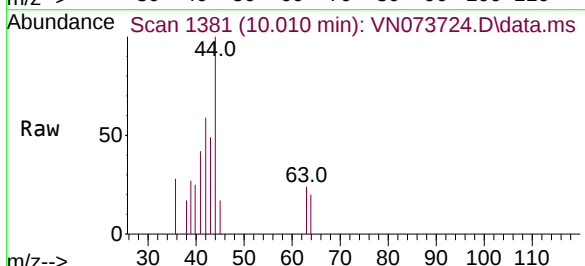
Acq: 03 Aug 2022 20:20

Tgt Ion: 63 Resp: 251

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#

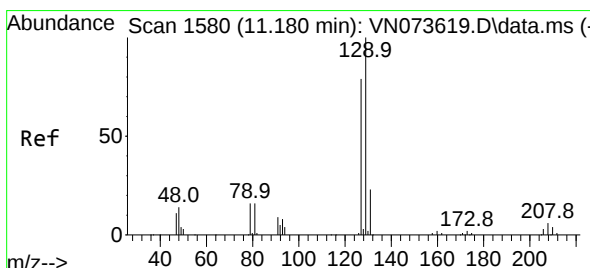
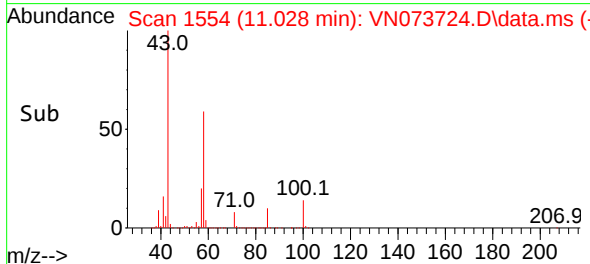
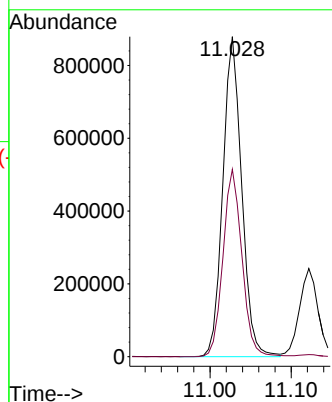
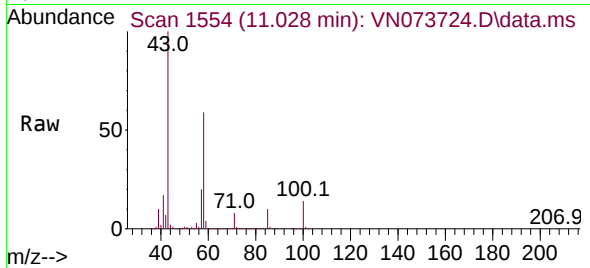




#59
2-Hexanone
Concen: 293.359 ug/l
RT: 11.028 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

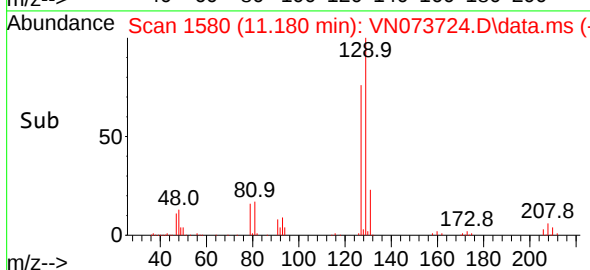
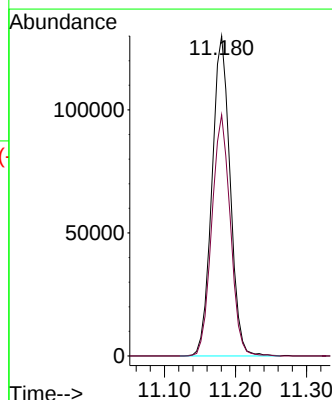
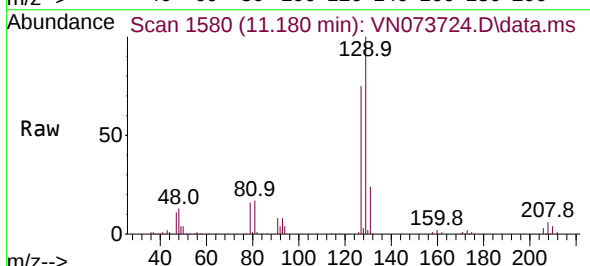
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

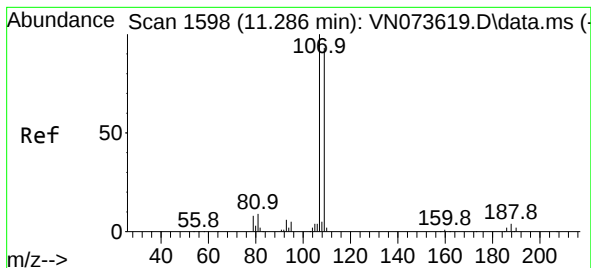
Tgt Ion: 43 Resp: 1419221
Ion Ratio Lower Upper
43 100
58 58.9 29.7 89.1



#60
Dibromochloromethane
Concen: 56.045 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion:129 Resp: 230808
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4

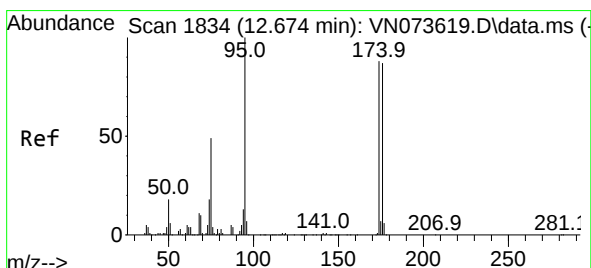
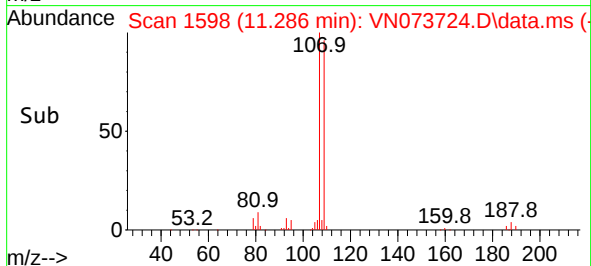
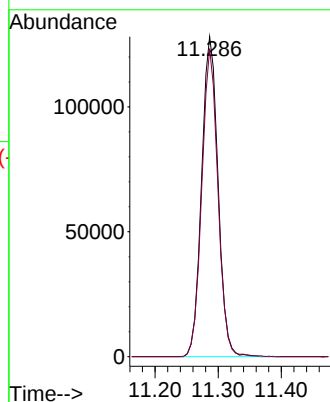
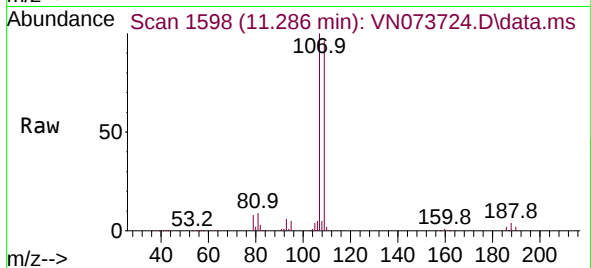




#61
1,2-Dibromoethane
Concen: 54.206 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

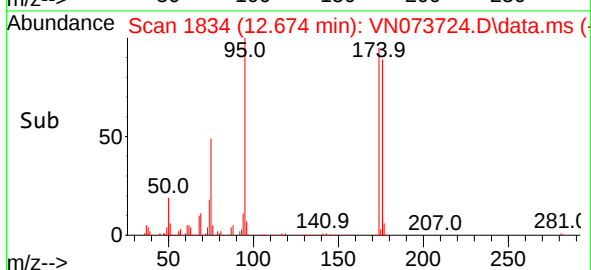
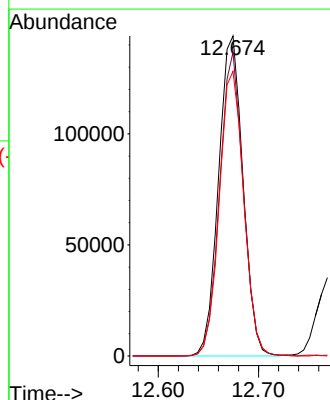
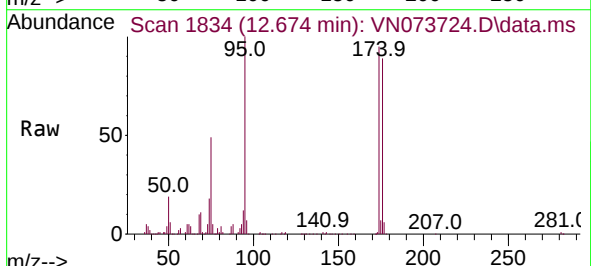
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

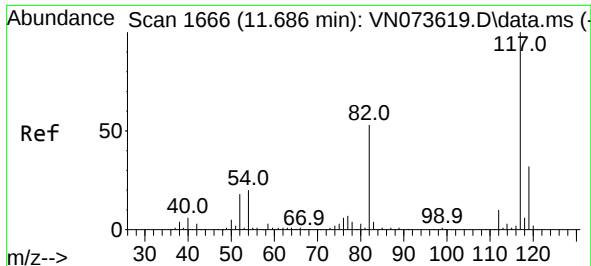
Tgt Ion:107 Resp: 231106
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 52.231 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 95 Resp: 243222
Ion Ratio Lower Upper
95 100
174 91.7 0.0 167.6
176 88.8 0.0 163.4

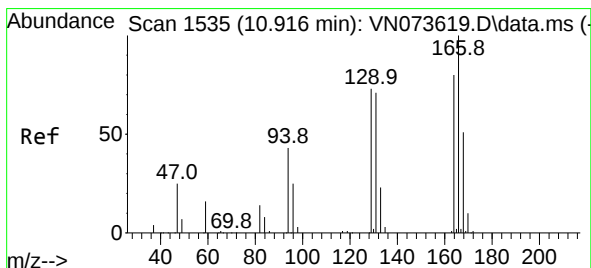
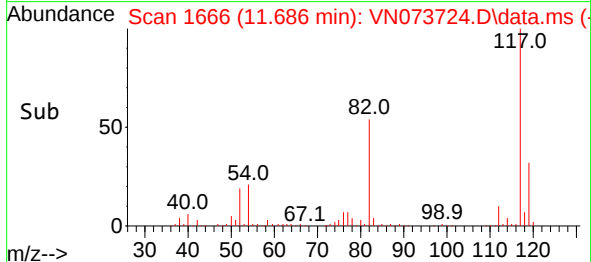
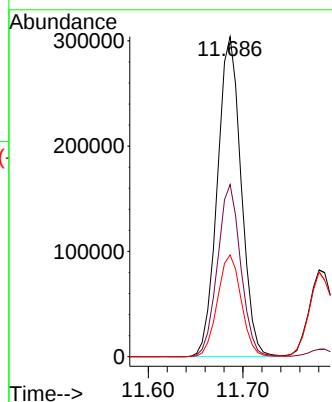
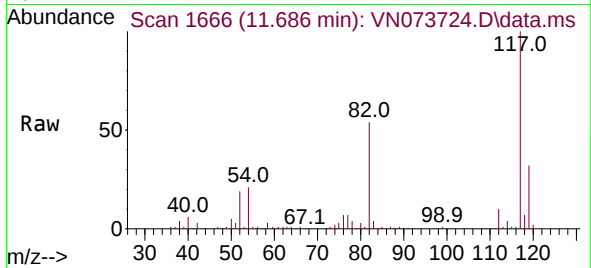




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

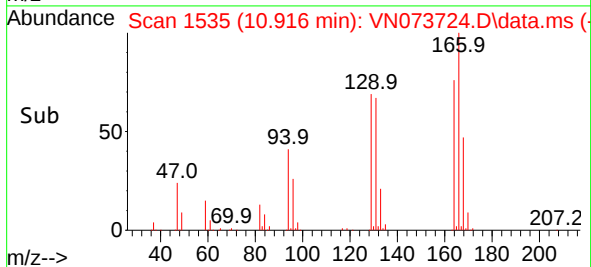
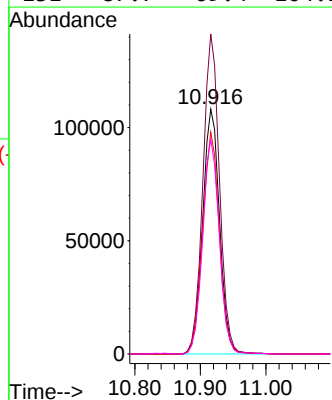
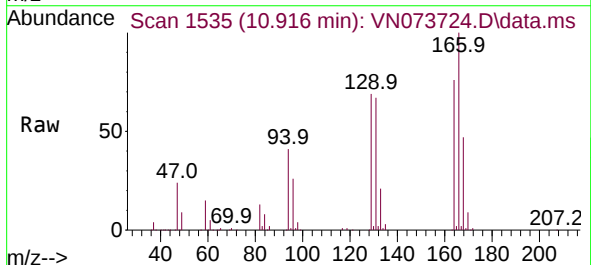
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

Tgt Ion:117 Resp: 530990
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 46.182 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion:164 Resp: 194886
Ion Ratio Lower Upper
164 100
166 130.7 104.2 156.2
129 90.6 73.9 110.9
131 87.7 69.4 104.2

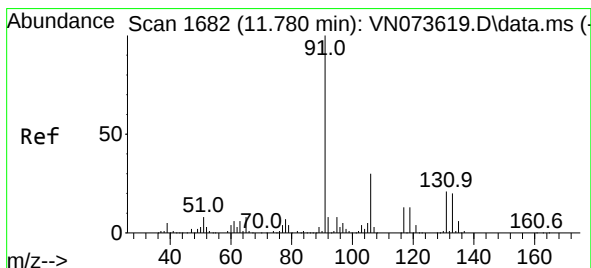
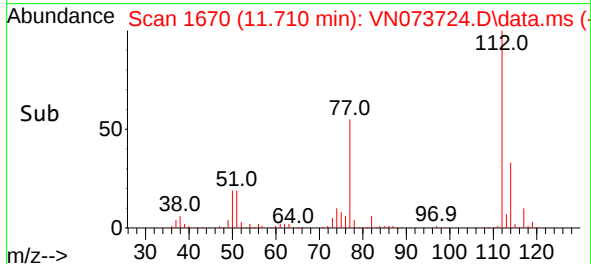
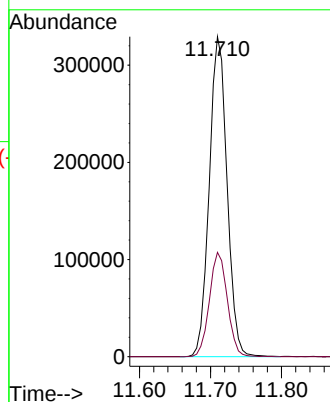
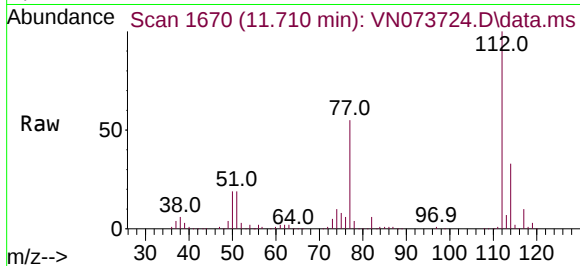




#65
Chlorobenzene
Concen: 50.836 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

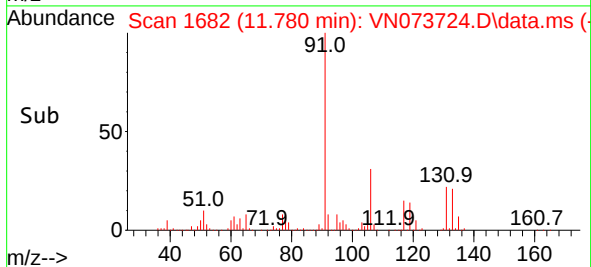
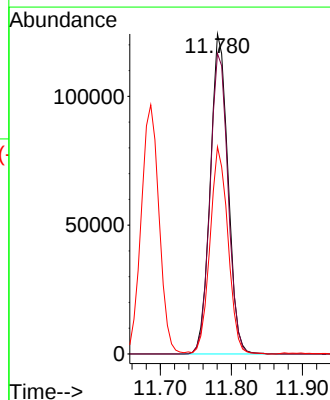
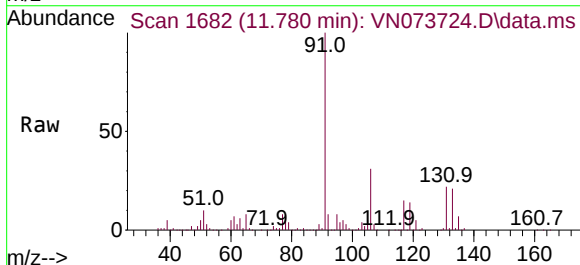
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

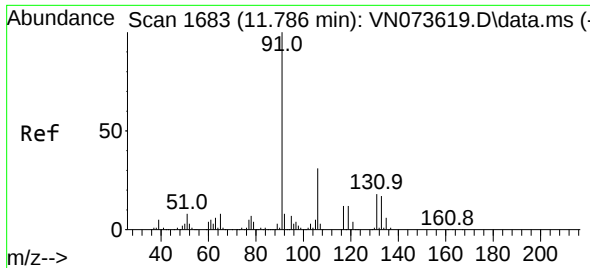
Tgt Ion:112 Resp: 573357
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.351 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion:131 Resp: 215827
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 65.6 33.4 100.2

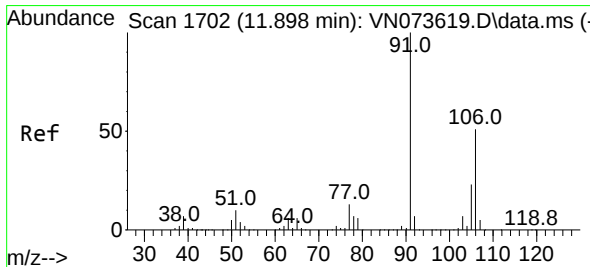
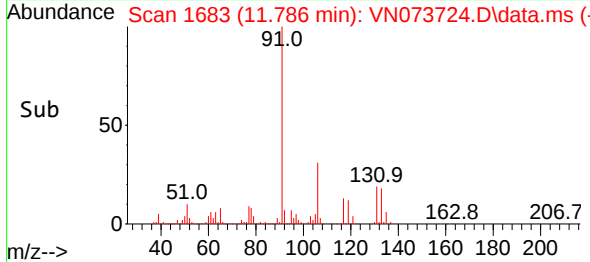
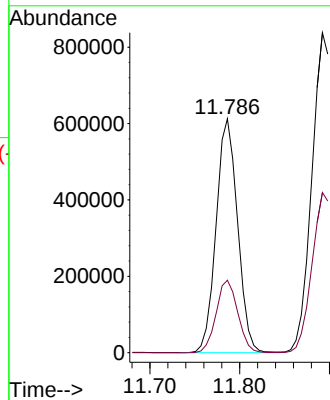
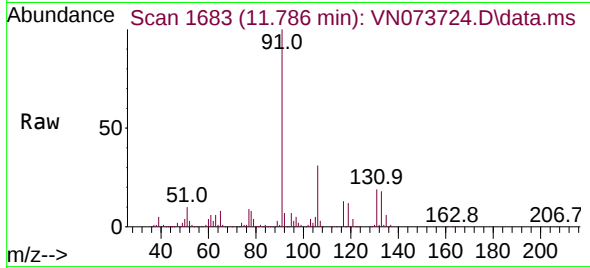




#67
Ethyl Benzene
Concen: 53.436 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

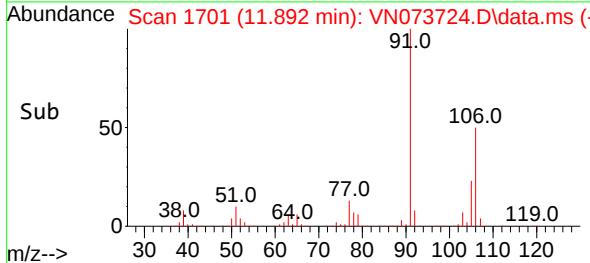
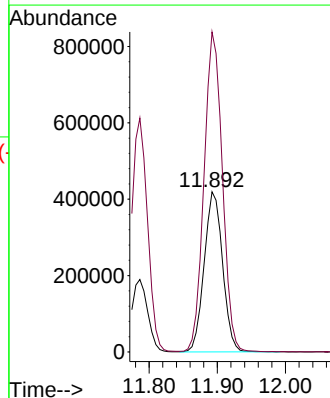
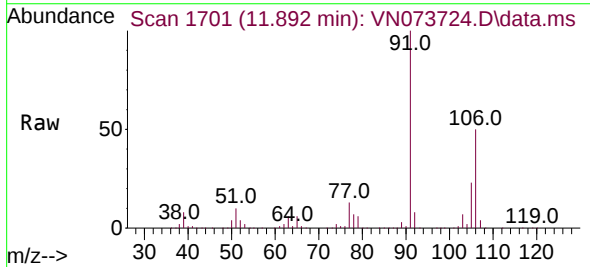
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

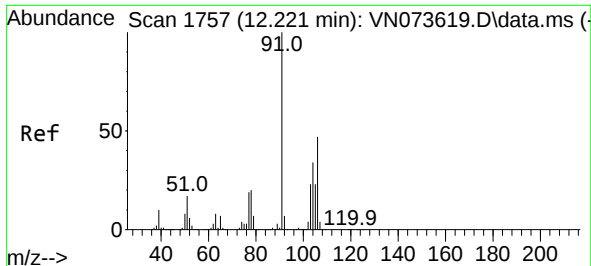
Tgt Ion: 91 Resp: 1016767
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 108.732 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 106 Resp: 789085
Ion Ratio Lower Upper
106 100
91 198.5 158.9 238.3

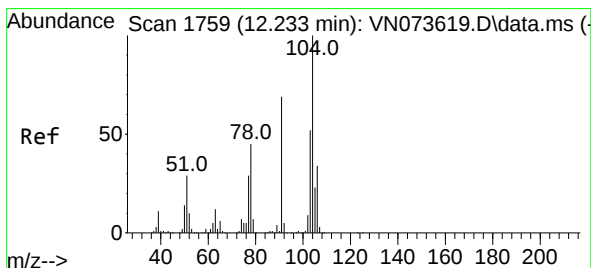
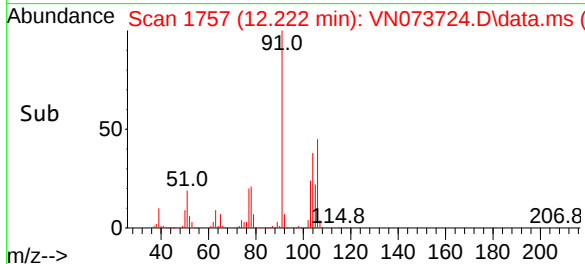
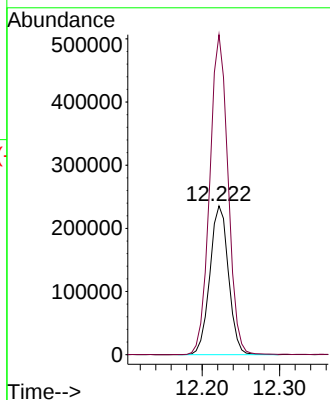
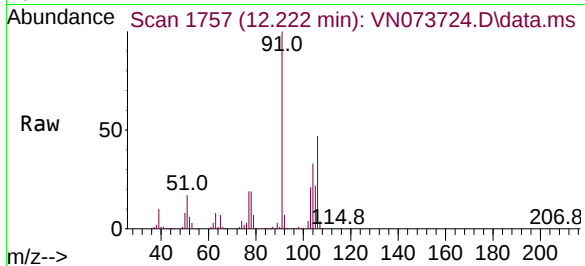




#69
o-Xylene
Concen: 55.488 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

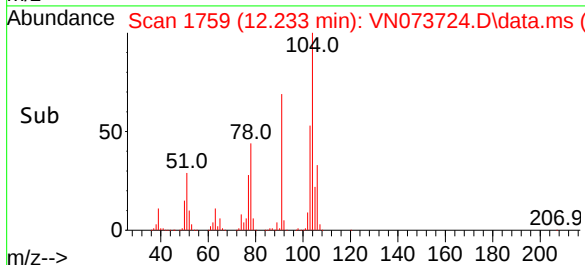
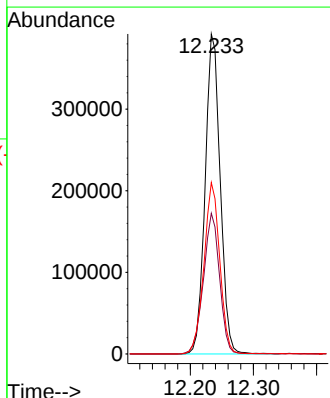
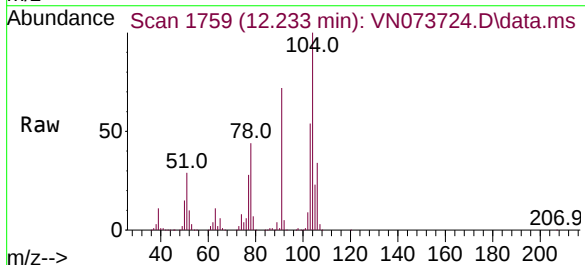
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

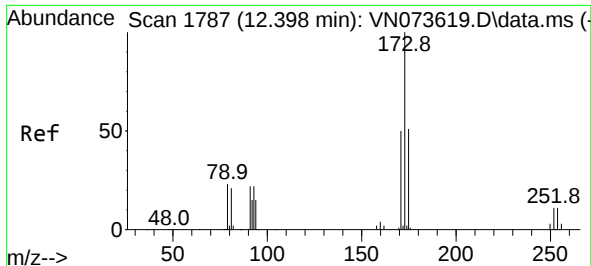
Tgt Ion:106 Resp: 392592
Ion Ratio Lower Upper
106 100
91 212.3 106.0 318.0



#70
Styrene
Concen: 57.553 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion:104 Resp: 651835
Ion Ratio Lower Upper
104 100
78 47.0 39.5 59.3
103 56.2 44.0 66.0

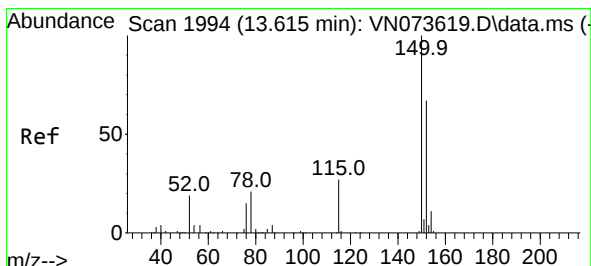
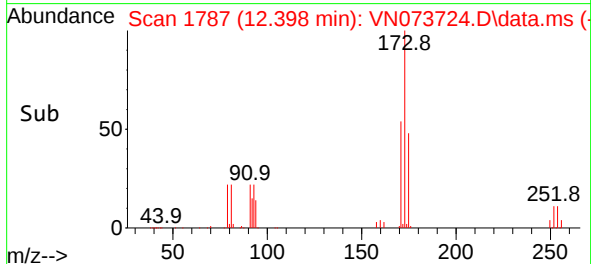
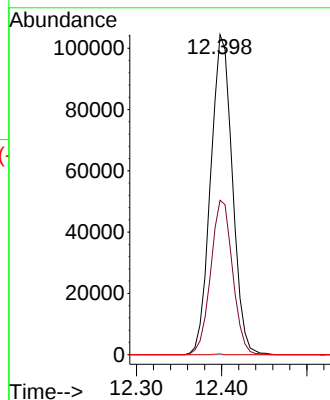
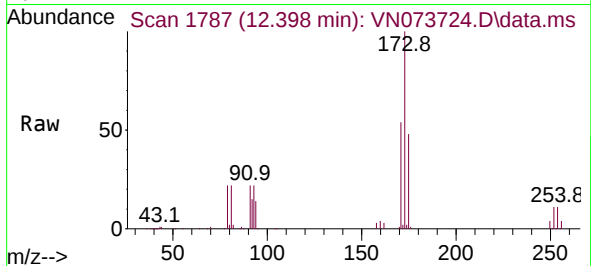




#71
Bromoform
Concen: 55.446 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

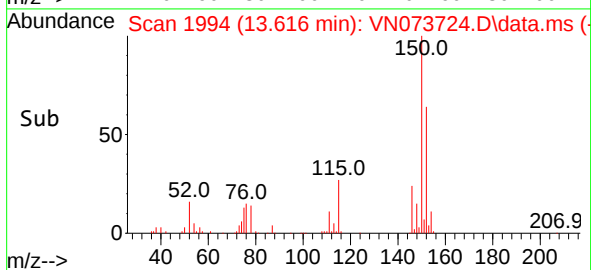
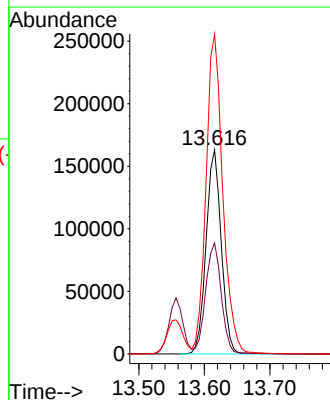
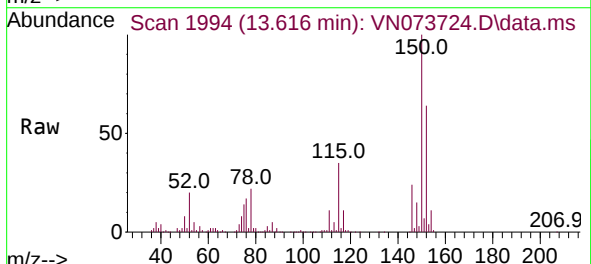
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

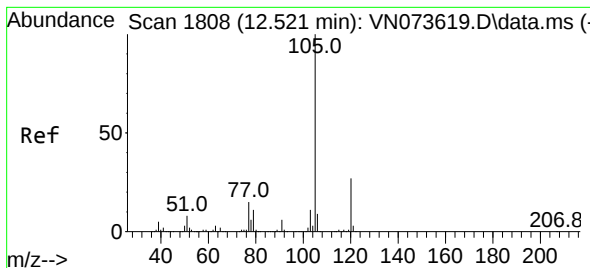
Tgt Ion:173 Resp: 185140
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion:152 Resp: 263564
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 172.7 0.0 356.2





#73

Isopropylbenzene

Concen: 52.913 ug/l

RT: 12.522 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

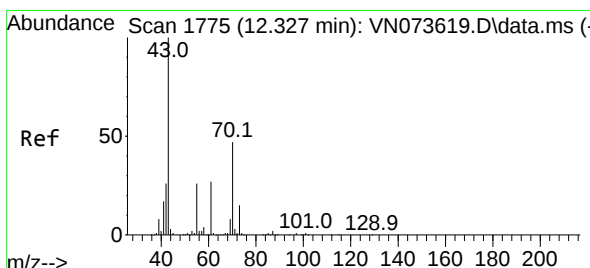
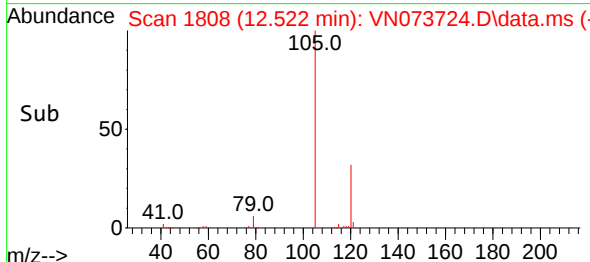
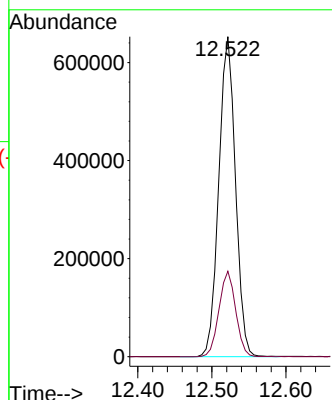
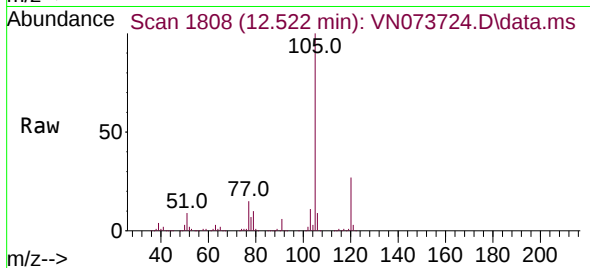
MW-30MSD

Tgt Ion:105 Resp: 1020883

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



#74

N-ethyl acetate

Concen: 47.323 ug/l

RT: 12.333 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Tgt Ion: 43 Resp: 344966

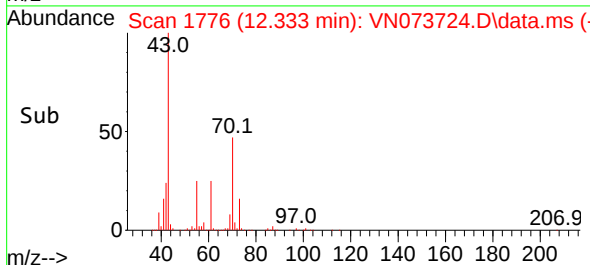
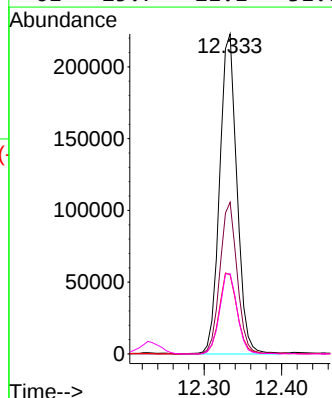
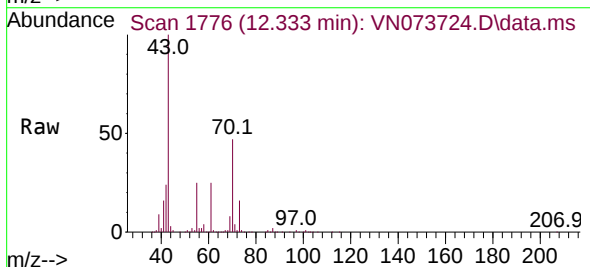
Ion Ratio Lower Upper

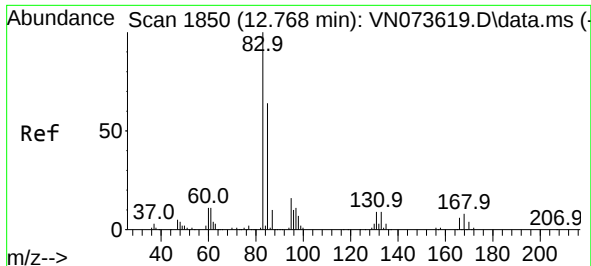
43 100

70 47.4 39.0 58.4

55 26.3 21.1 31.7

61 25.7 21.1 31.7

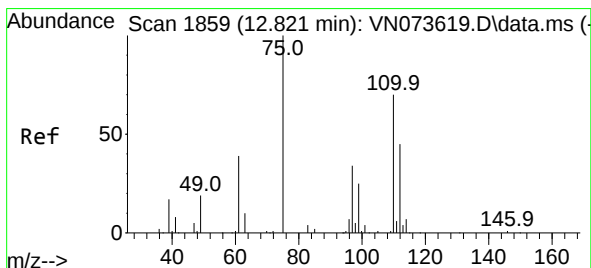
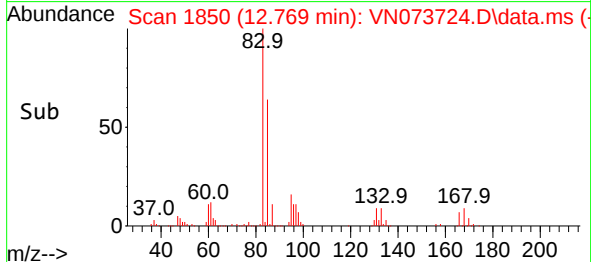
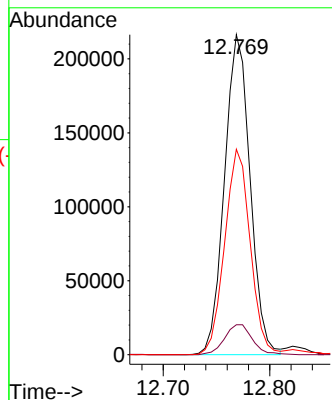
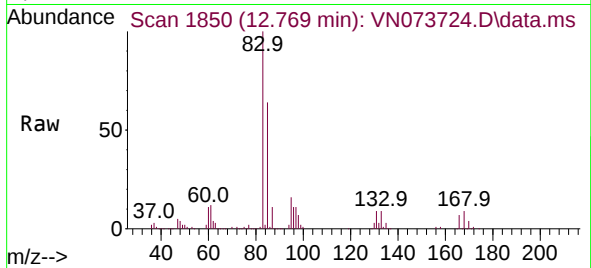




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.562 ug/l
 RT: 12.769 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VN073724.D
 Acq: 03 Aug 2022 20:20

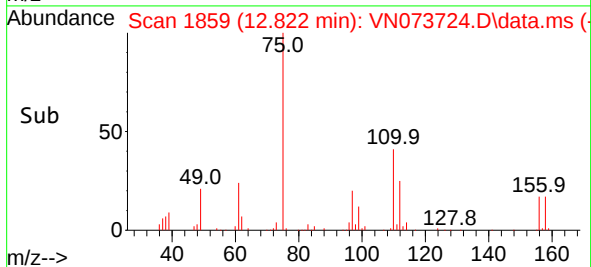
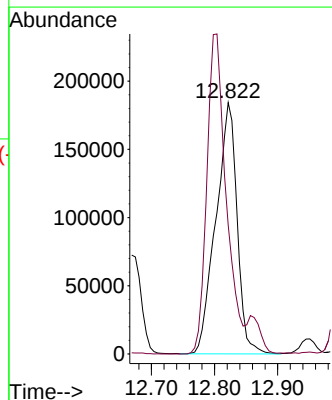
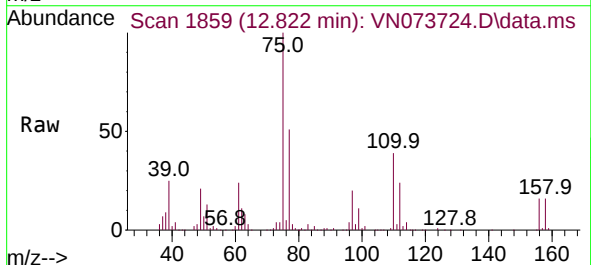
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MSD

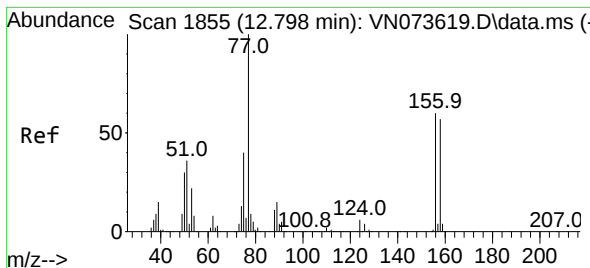
Tgt Ion: 83 Resp: 361547
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.3 15.9
 85 64.0 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 91.679 ug/l
 RT: 12.822 min Scan# 1859
 Delta R.T. 0.001 min
 Lab File: VN073724.D
 Acq: 03 Aug 2022 20:20

Tgt Ion: 75 Resp: 429677
 Ion Ratio Lower Upper
 75 100
 77 115.7 98.5 295.5





#77

Bromobenzene

Concen: 50.787 ug/l

RT: 12.804 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

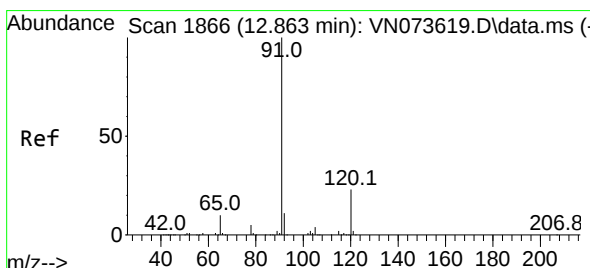
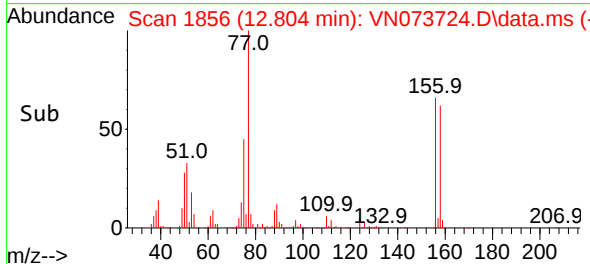
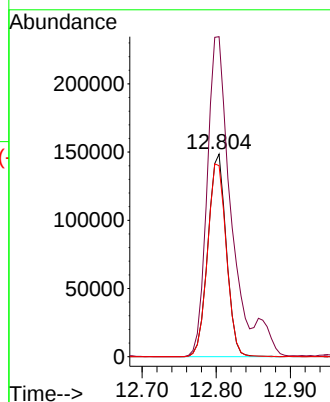
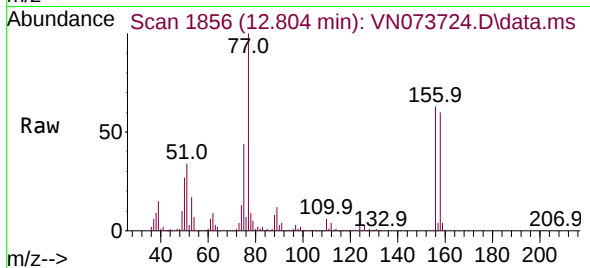
Tgt Ion:156 Resp: 255171

Ion Ratio Lower Upper

156 100

77 194.8 100.5 301.5

158 97.8 48.9 146.6



#78

n-propylbenzene

Concen: 53.225 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN073724.D

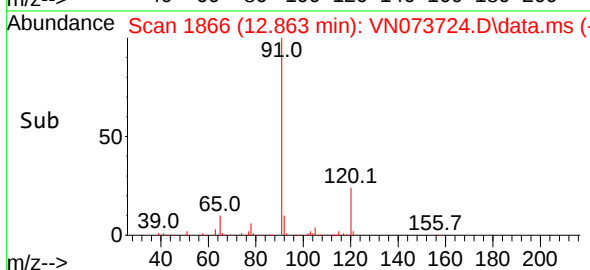
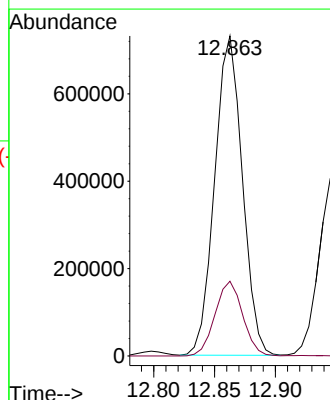
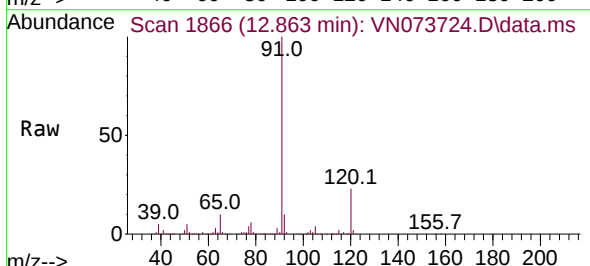
Acq: 03 Aug 2022 20:20

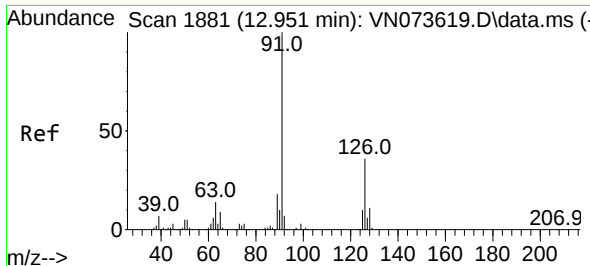
Tgt Ion: 91 Resp: 1155464

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5

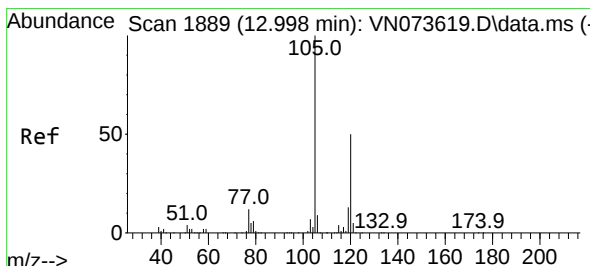
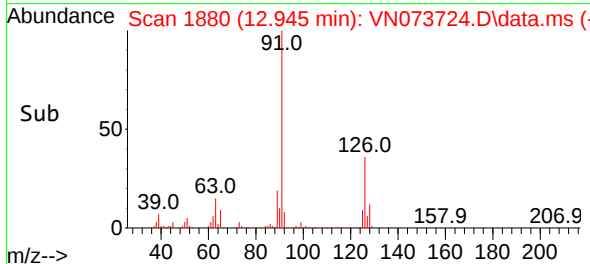
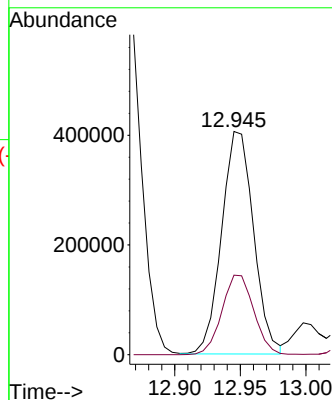
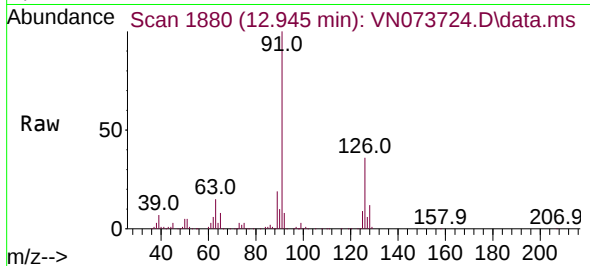




#79
2-Chlorotoluene
Concen: 50.758 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

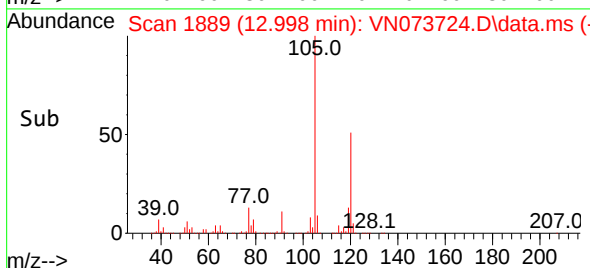
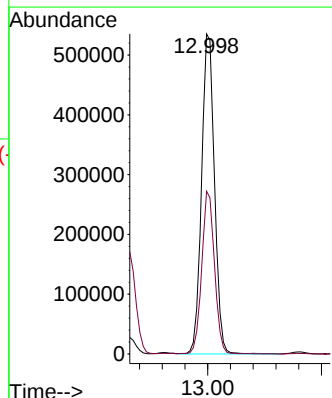
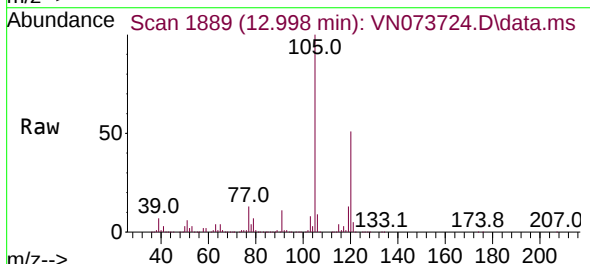
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

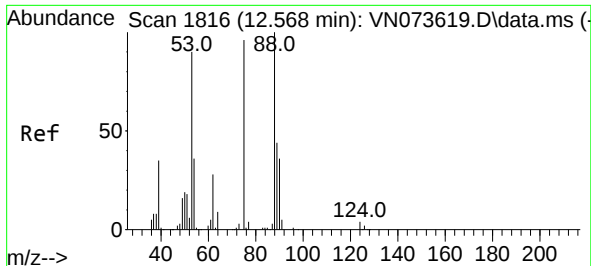
Tgt Ion: 91 Resp: 687735
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 53.214 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 105 Resp: 844907
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7

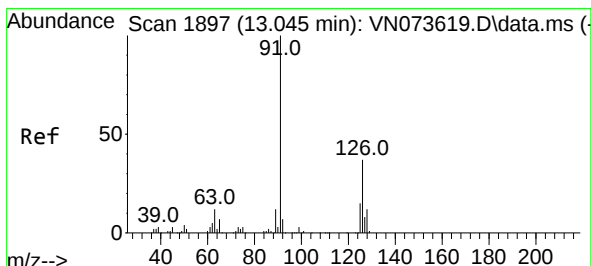
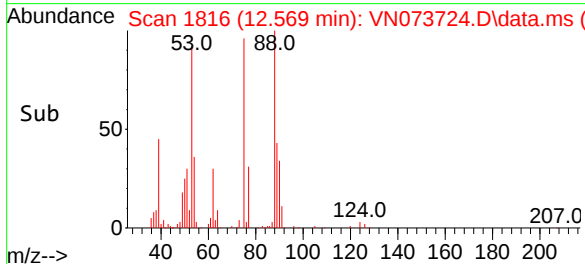
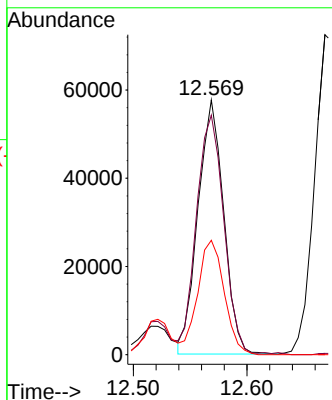
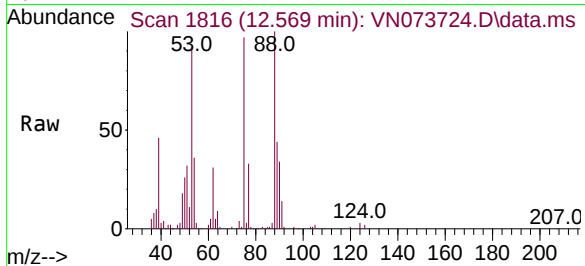




#81
trans-1,4-Dichloro-2-butene
Concen: 44.579 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

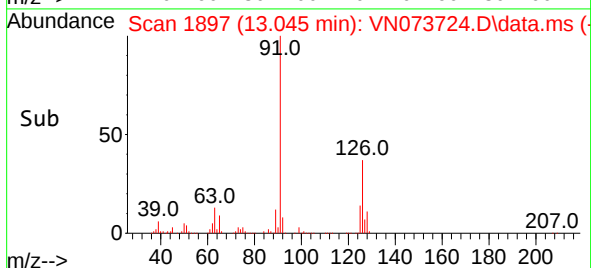
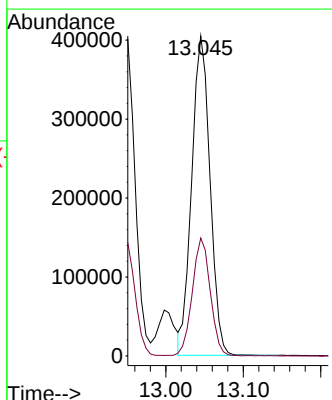
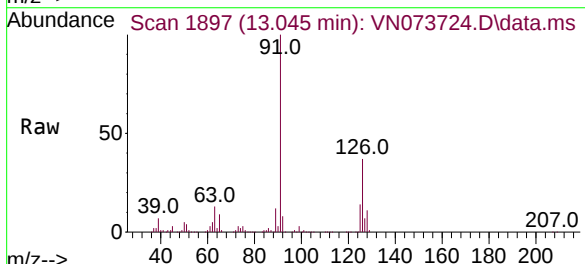
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

Tgt Ion: 75 Resp: 90664
Ion Ratio Lower Upper
75 100
53 99.0 78.0 117.0
89 46.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 51.662 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 91 Resp: 663421
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6

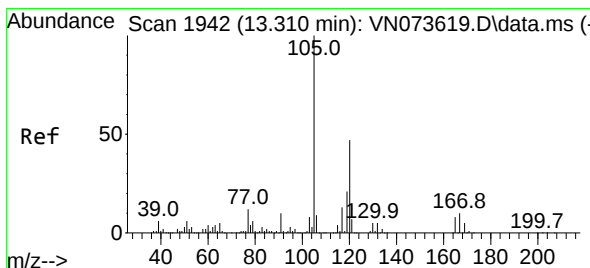
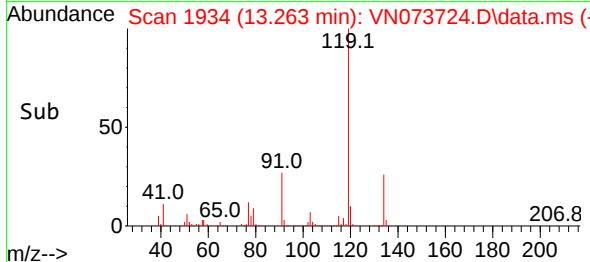
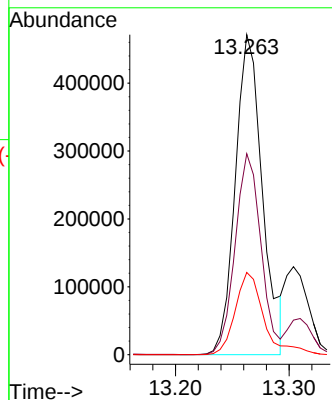
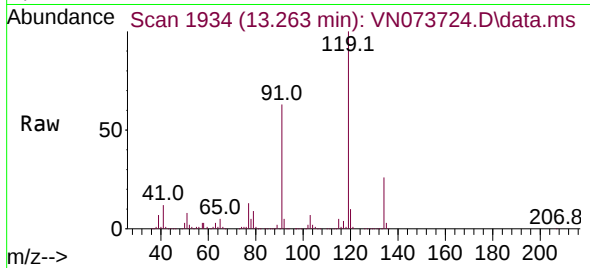




#83
tert-Butylbenzene
Concen: 55.441 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

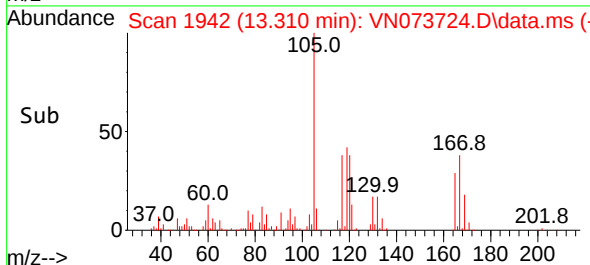
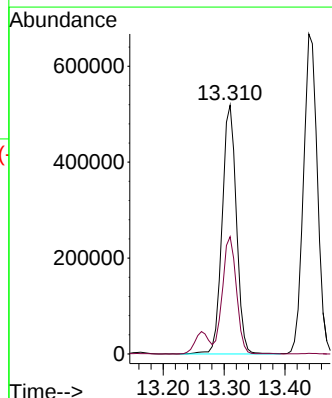
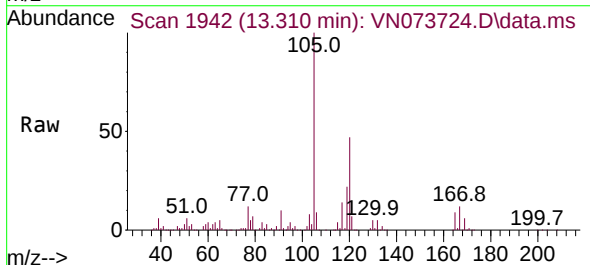
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

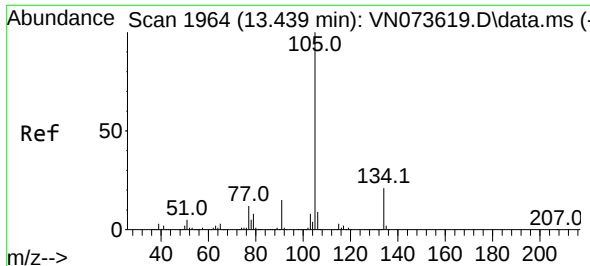
Tgt Ion:119 Resp: 779688
Ion Ratio Lower Upper
119 100
91 60.3 31.6 94.8
134 27.2 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 54.037 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion:105 Resp: 843644
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8

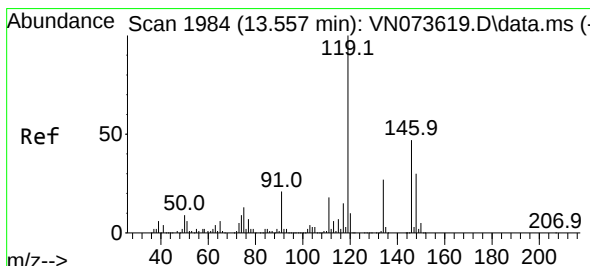
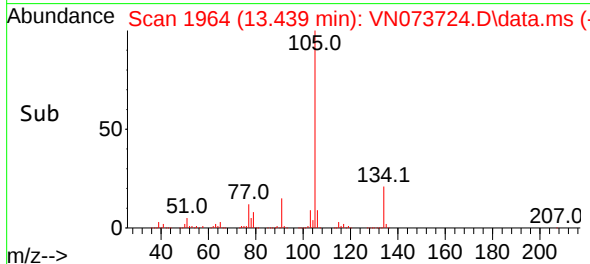
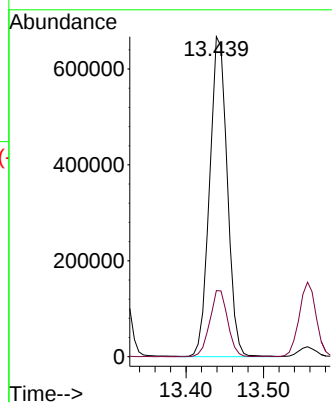
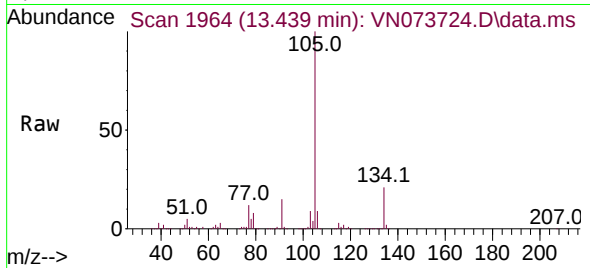




#85
 sec-Butylbenzene
 Concen: 54.375 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073724.D
 Acq: 03 Aug 2022 20:20

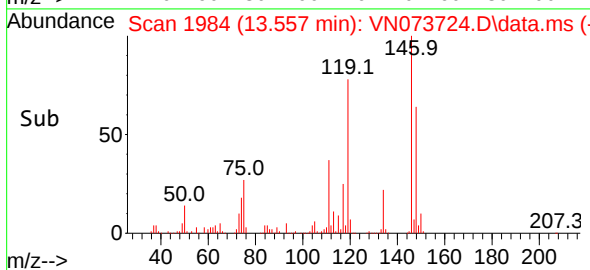
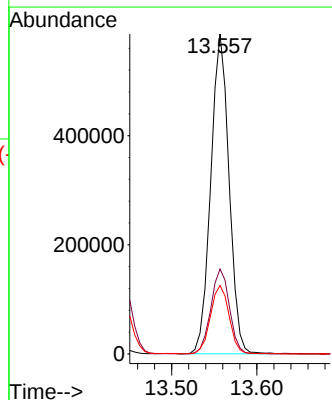
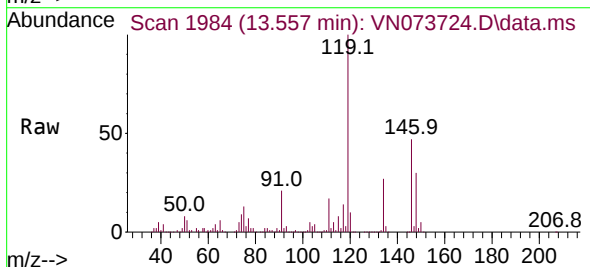
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MSD

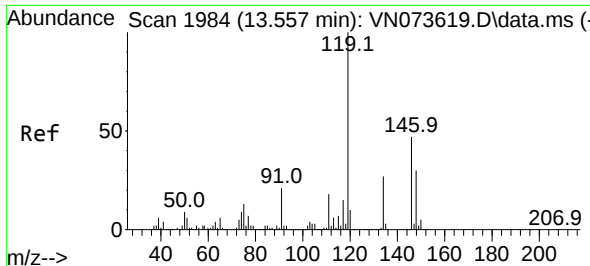
Tgt Ion:105 Resp: 1056896
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 56.918 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073724.D
 Acq: 03 Aug 2022 20:20

Tgt Ion:119 Resp: 872143
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 22.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.949 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

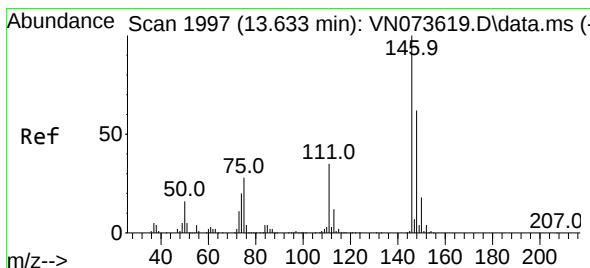
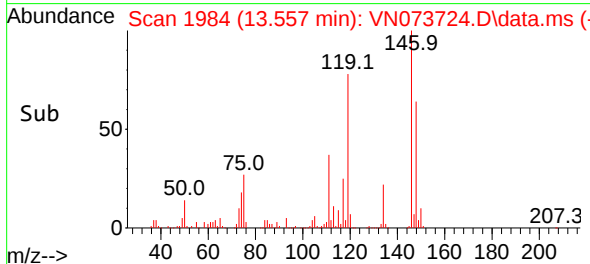
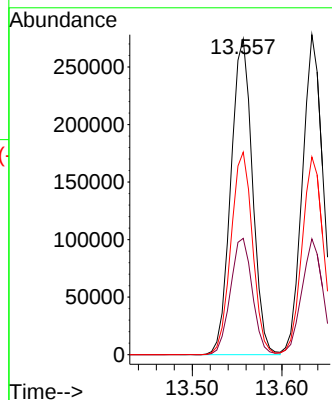
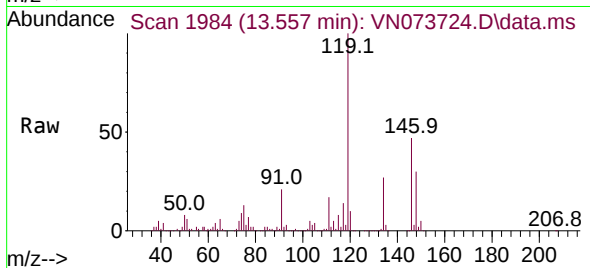
Tgt Ion:146 Resp: 458089

Ion Ratio Lower Upper

146 100

111 37.3 20.0 60.0

148 64.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.741 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

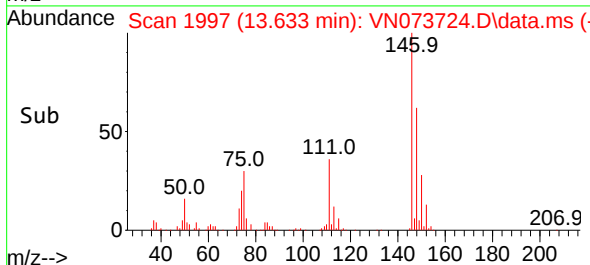
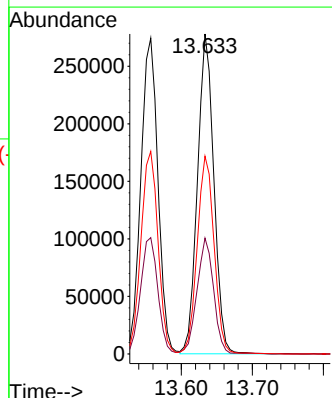
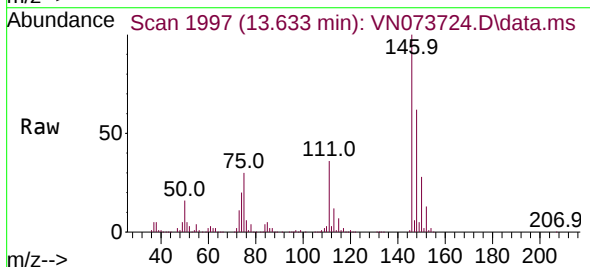
Tgt Ion:146 Resp: 447249

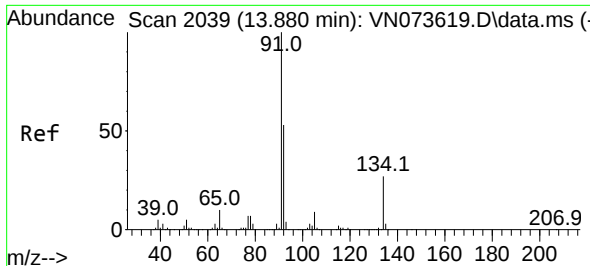
Ion Ratio Lower Upper

146 100

111 36.3 19.1 57.1

148 64.1 31.4 94.3

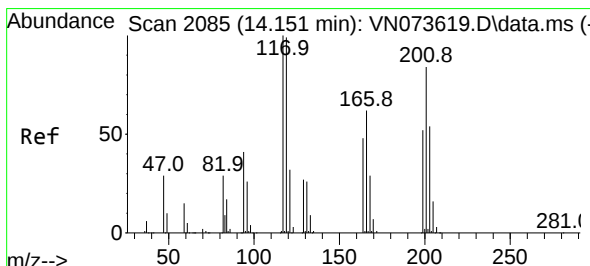
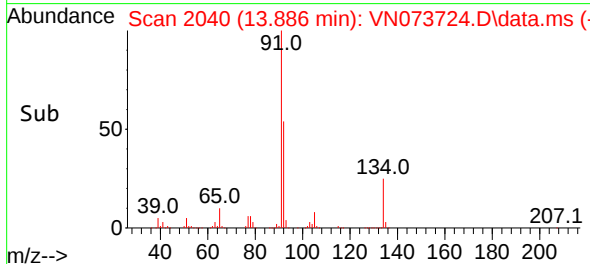
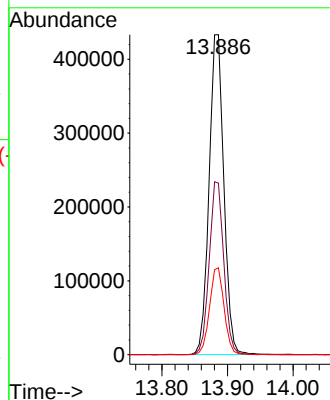
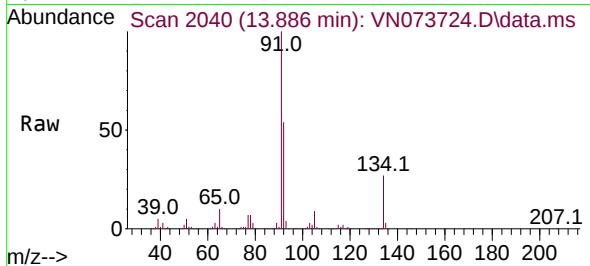




#89
n-Butylbenzene
Concen: 54.304 ug/l
RT: 13.886 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

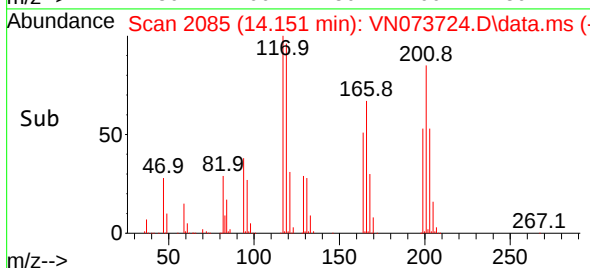
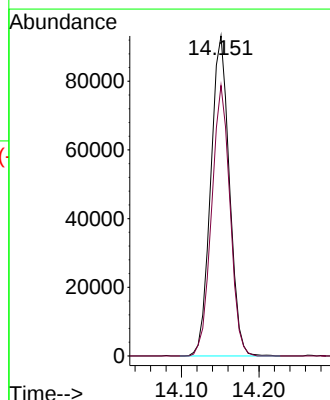
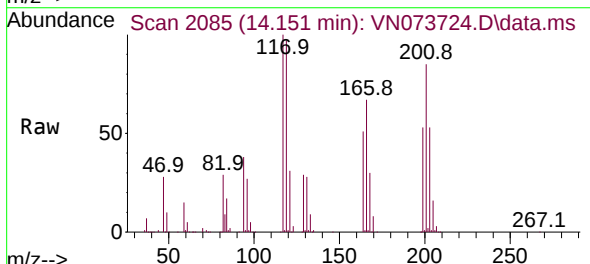
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

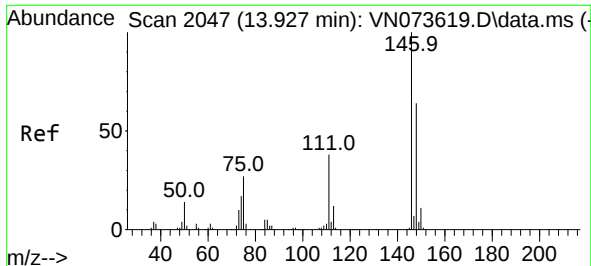
Tgt Ion: 91 Resp: 677033
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 26.8 13.6 40.8



#90
Hexachloroethane
Concen: 51.296 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion: 117 Resp: 155947
Ion Ratio Lower Upper
117 100
201 83.0 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 49.991 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

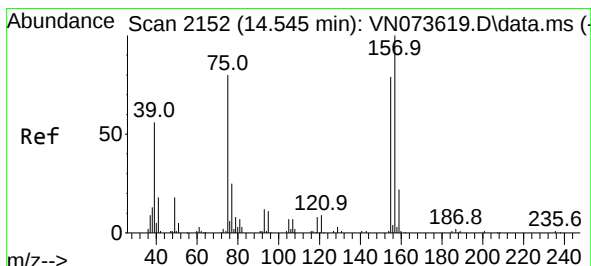
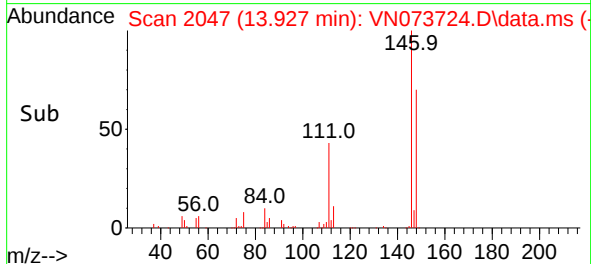
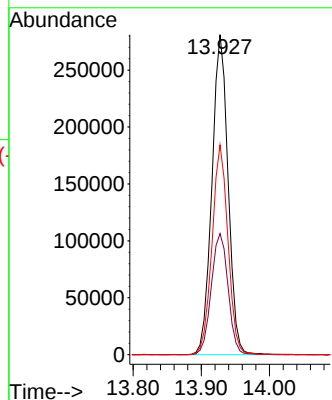
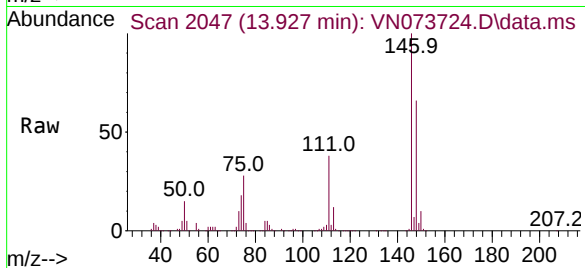
Tgt Ion:146 Resp: 464586

Ion Ratio Lower Upper

146 100

111 39.3 20.9 62.8

148 64.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.067 ug/l

RT: 14.545 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

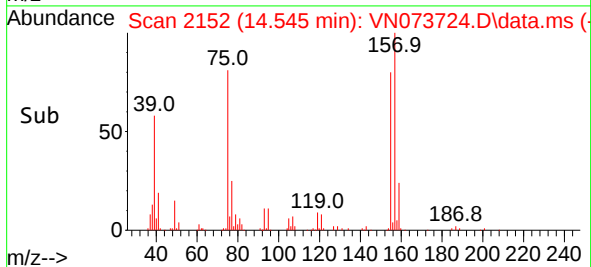
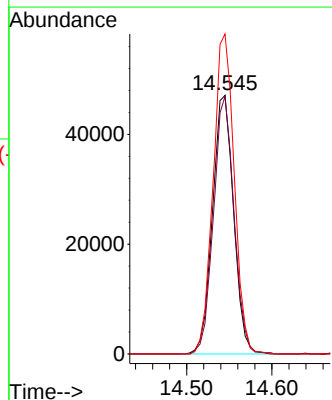
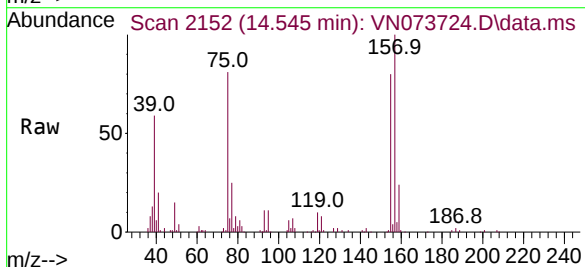
Tgt Ion: 75 Resp: 80877

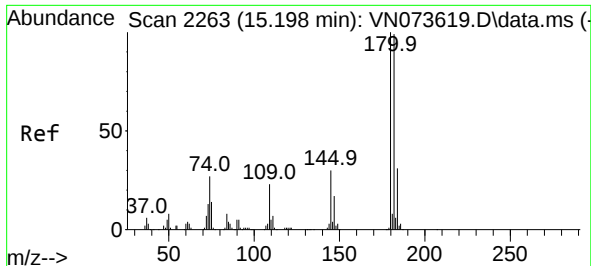
Ion Ratio Lower Upper

75 100

155 96.7 44.9 134.5

157 123.8 59.0 176.8

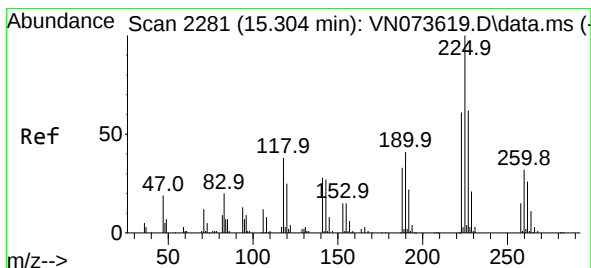
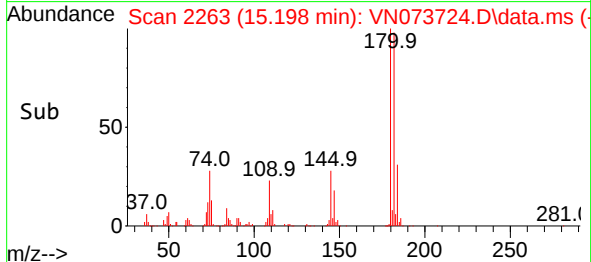
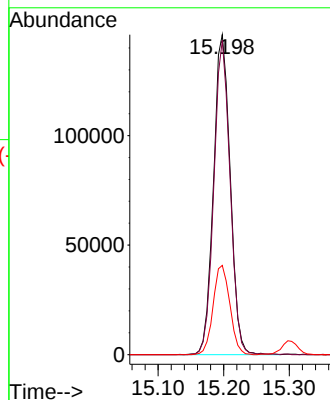
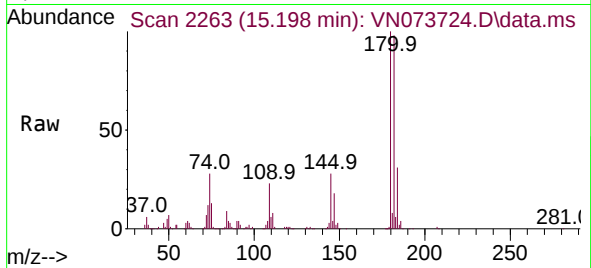




#93
1,2,4-Trichlorobenzene
Concen: 55.993 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

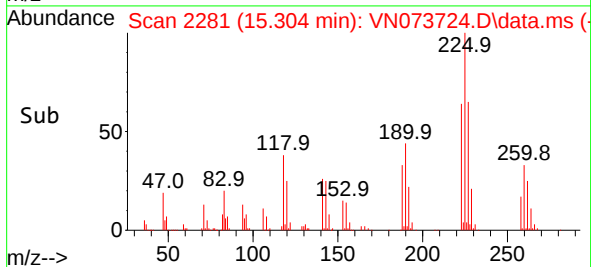
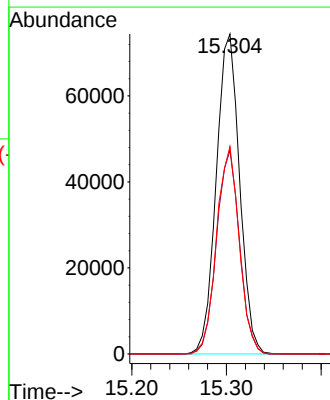
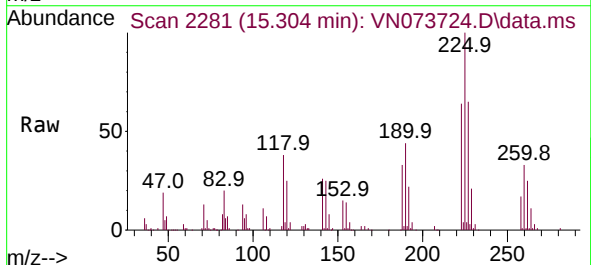
Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

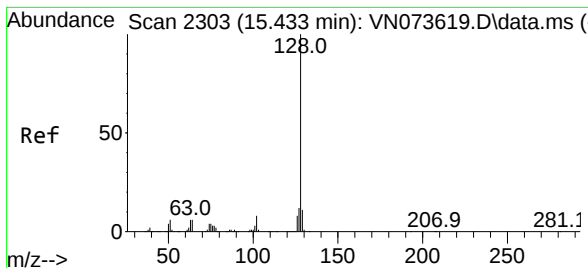
Tgt Ion:180 Resp: 258410
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 27.9 14.5 43.5



#94
Hexachlorobutadiene
Concen: 50.853 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN073724.D
Acq: 03 Aug 2022 20:20

Tgt Ion:225 Resp: 127589
Ion Ratio Lower Upper
225 100
223 62.3 32.4 97.2
227 63.0 31.8 95.4





#95

Naphthalene

Concen: 60.886 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

MW-30MSD

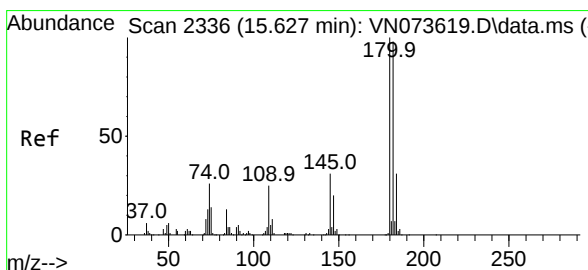
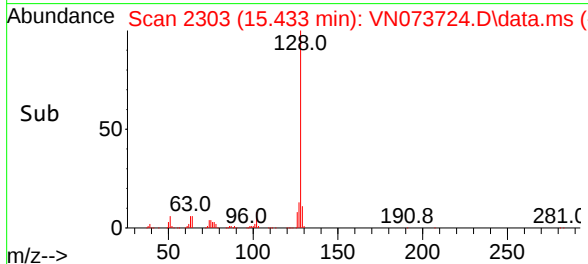
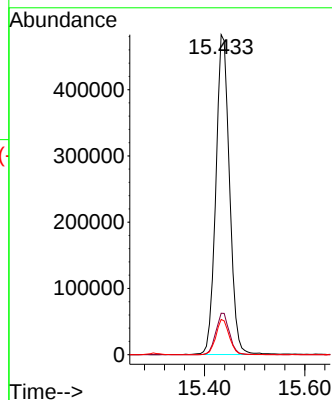
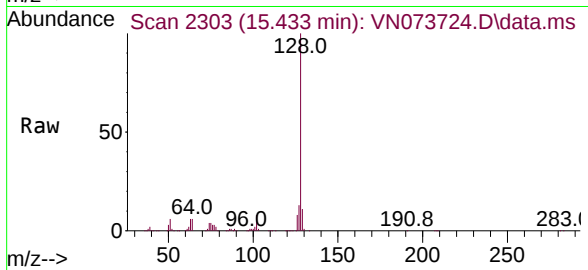
Tgt Ion:128 Resp: 911836

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 57.081 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VN073724.D

Acq: 03 Aug 2022 20:20

Tgt Ion:180 Resp: 277256

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.3

145 29.3 15.5 46.5

