

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069232.D
 Acq On : 27 Oct 2021 20:58
 Operator : JC/MD
 Sample : M4337-20MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1D(OFFSITE)MSD

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 6:31:17 PM

Quant Time: Oct 28 05:23:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	225973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	406189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	387033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	165993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	177416	59.548	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 119.100%			
35) Dibromofluoromethane	8.024	113	135073	57.156	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 114.320%			
50) Toluene-d8	10.443	98	524824	55.503	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.000%			
62) 4-Bromofluorobenzene	12.733	95	200198	56.117	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	116040	41.456	ug/l	100
3) Chloromethane	2.301	50	128525	46.533	ug/l	100
4) Vinyl Chloride	2.443	62	151063	53.847	ug/l	99
5) Bromomethane	2.824	94	100886	65.378	ug/l	99
6) Chloroethane	2.998	64	101753	61.545	ug/l	98
7) Trichlorofluoromethane	3.365	101	203249	51.739	ug/l	99
8) Diethyl Ether	3.827	74	76051	51.902	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	106181	50.268	ug/l	100
10) Methyl Iodide	4.422	142	141178	46.050	ug/l	96
11) Tert butyl alcohol	5.366	59	183190	336.492	ug/l	99
12) 1,1-Dichloroethene	4.183	96	105394	48.269	ug/l	98
13) Acrolein	4.044	56	57249	237.713	ug/l	99
14) Allyl chloride	4.840	41	174005	44.455	ug/l	97
15) Acrylonitrile	5.554	53	394376	323.293	ug/l	99
16) Acetone	4.285	43	355922	320.118	ug/l	99
17) Carbon Disulfide	4.532	76	229787	38.777	ug/l	100
18) Methyl Acetate	4.854	43	211242	50.090	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	439563	54.065	ug/l	98
20) Methylene Chloride	5.101	84	130045	50.817	ug/l	99
21) trans-1,2-Dichloroethene	5.597	96	112925	47.871	ug/l	99
22) Diisopropyl ether	6.495	45	411689	50.577	ug/l	97
23) Vinyl Acetate	6.434	43	1183672	192.353	ug/l	98
24) 1,1-Dichloroethane	6.388	63	231191	52.275	ug/l	99
25) 2-Butanone	7.335	43	551188	327.835	ug/l	97
26) 2,2-Dichloropropane	7.329	77	92695	21.993	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	200841	70.432	ug/l	92
28) Bromochloromethane	7.659	49	95493	47.673	ug/l	97
29) Tetrahydrofuran	7.683	42	363754	333.547	ug/l	96
30) Chloroform	7.820	83	257150	55.172	ug/l	99
31) Cyclohexane	8.096	56	202738	43.765	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	225936	52.000	ug/l	99
36) 1,1-Dichloropropene	8.222	75	171819	49.523	ug/l	100
37) Ethyl Acetate	7.412	43	166230	46.391	ug/l	99
38) Carbon Tetrachloride	8.209	117	188851	49.562	ug/l	99
39) Methylcyclohexane	9.461	83	200246	44.842	ug/l	97
40) Benzene	8.461	78	538934	51.012	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069232.D
 Acq On : 27 Oct 2021 20:58
 Operator : JC/MD
 Sample : M4337-20MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1D(OFFSITE)MSD

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 6:31:17 PM

Quant Time: Oct 28 05:23:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	107290	59.398	ug/l	96
42) 1,2-Dichloroethane	8.531	62	206703	55.251	ug/l	100
43) Isopropyl Acetate	8.560	43	301869	47.746	ug/l	98
44) Trichloroethene	9.217	130	148607	56.203	ug/l	98
45) 1,2-Dichloropropane	9.491	63	139688	50.954	ug/l	98
46) Dibromomethane	9.580	93	101344	54.157	ug/l	99
47) Bromodichloromethane	9.765	83	195315	50.367	ug/l	99
48) Methyl methacrylate	9.561	41	155700	52.413	ug/l	90
49) 1,4-Dioxane	9.569	88	70194	1204.801	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	1157687	315.795	ug/l	99
52) Toluene	10.507	92	357251	52.559	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	191115	43.508	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	196158	42.920	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	148233	55.314	ug/l	98
56) Ethyl methacrylate	10.762	69	247321	54.966	ug/l	98
57) 1,3-Dichloropropane	11.047	76	246698	55.828	ug/l	100
59) 2-Hexanone	11.087	43	883781	336.171	ug/l	99
60) Dibromochloromethane	11.240	129	152385	50.377	ug/l	99
61) 1,2-Dibromoethane	11.347	107	154651	56.262	ug/l	98
64) Tetrachloroethene	10.980	164	160310	64.298	ug/l	99
65) Chlorobenzene	11.773	112	381775	52.128	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	145286	50.683	ug/l	100
67) Ethyl Benzene	11.846	91	705996	51.895	ug/l	99
68) m/p-Xylenes	11.956	106	523033	101.419	ug/l	99
69) o-Xylene	12.283	106	266568	51.640	ug/l	99
70) Styrene	12.296	104	438104	52.137	ug/l	100
71) Bromoform	12.460	173	112960	49.192	ug/l #	99
73) Isopropylbenzene	12.581	105	703456	50.914	ug/l	99
74) N-amyl acetate	12.388	43	217104	41.476	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	242648	60.771	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	202731m	57.401	ug/l	
77) Bromobenzene	12.862	156	161802	52.960	ug/l	99
78) n-propylbenzene	12.921	91	777873	50.099	ug/l	99
79) 2-Chlorotoluene	13.010	91	491459	51.353	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	572749	49.769	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	55384	37.517	ug/l	93
82) 4-Chlorotoluene	13.106	91	470933	50.923	ug/l	100
83) tert-Butylbenzene	13.326	119	512956	51.204	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	568326	51.255	ug/l	100
85) sec-Butylbenzene	13.503	105	699438	50.413	ug/l	100
86) p-Isopropyltoluene	13.619	119	556032	49.965	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	276086	52.243	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	266906	50.888	ug/l	99
89) n-Butylbenzene	13.943	91	427729	46.169	ug/l	99
90) Hexachloroethane	14.214	117	105361	45.071	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	272475	53.077	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	47185	61.293	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	118224	42.801	ug/l	99
94) Hexachlorobutadiene	15.370	225	61906	42.351	ug/l	99
95) Naphthalene	15.507	128	395132	51.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	122545	46.388	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
Data File : VN069232.D
Acq On : 27 Oct 2021 20:58
Operator : JC/MD
Sample : M4337-20MSD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

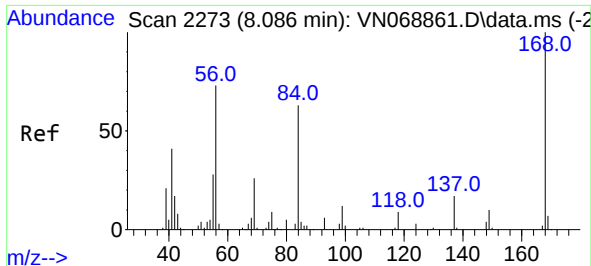
Manual Integrations
APPROVED

MMDadoda
10/29/2021 6:31:17 PM

Quant Time: Oct 28 05:23:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



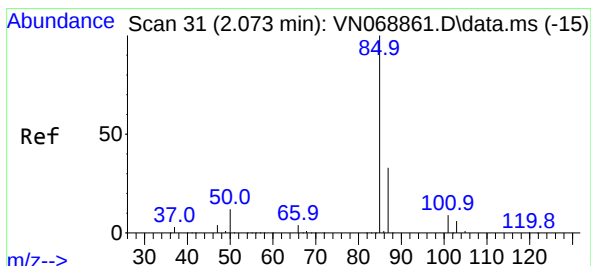
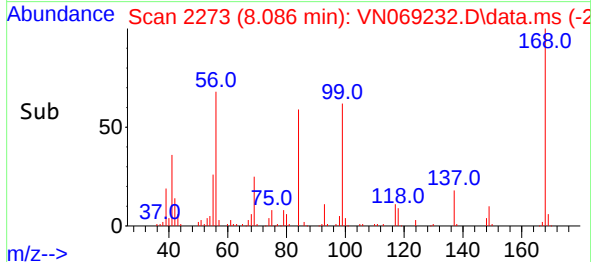
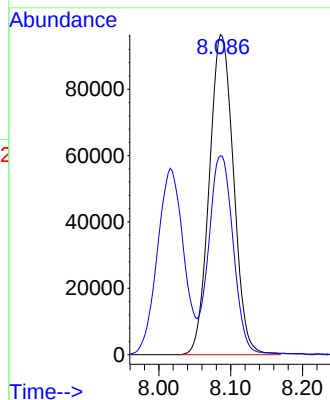
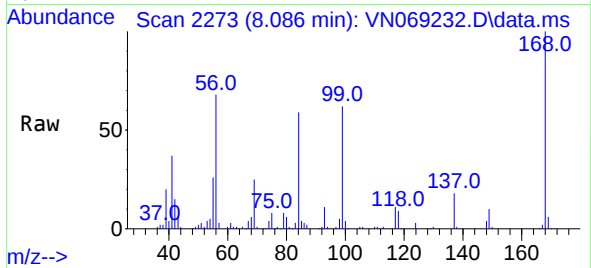
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 168 Resp: 225973
Ion Ratio Lower Upper
168 100
99 61.8 48.9 73.3

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

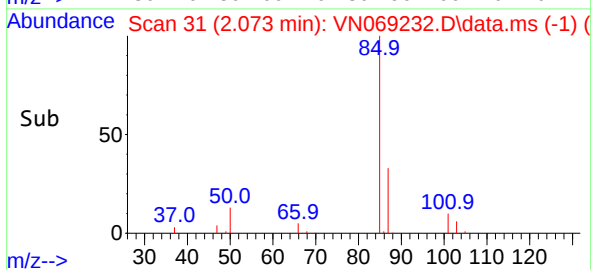
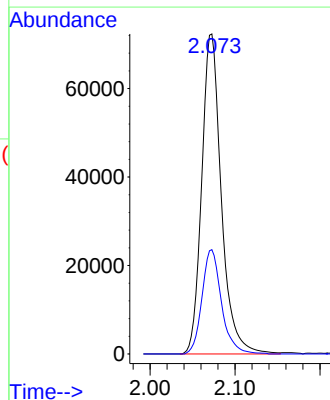
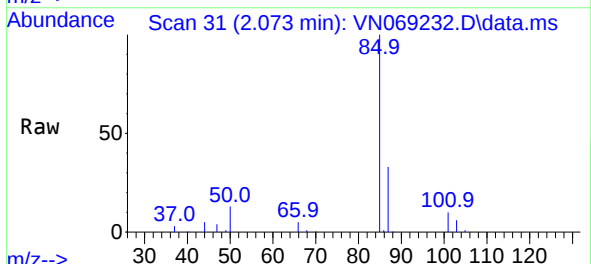
Manual Integrations
APPROVED

MMDadoda
10/29/2021 6:31:17 PM



#2
Dichlorodifluoromethane
Concen: 41.456 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 85 Resp: 116040
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.8





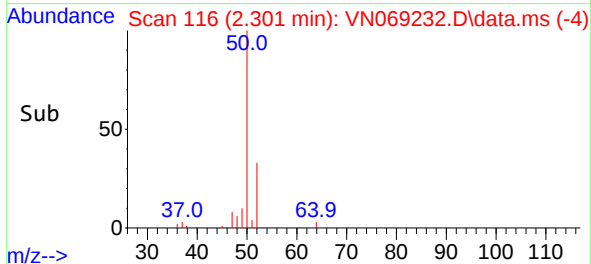
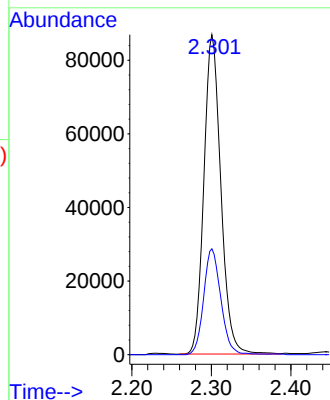
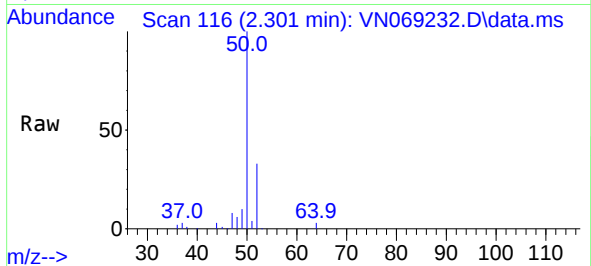
#3
Chloromethane
Concen: 46.533 ug/l
RT: 2.301 min Scan# 116
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 50 Resp: 128525
Ion Ratio Lower Upper
50 100
52 33.2 26.3 39.5

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

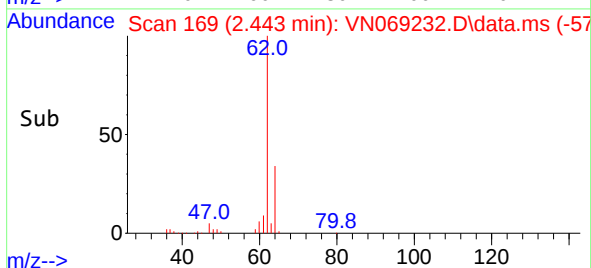
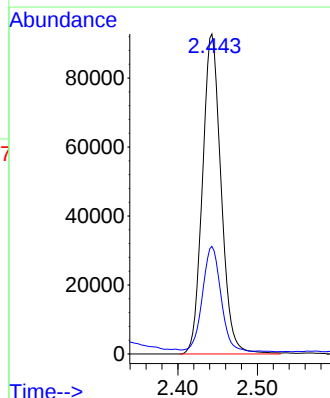
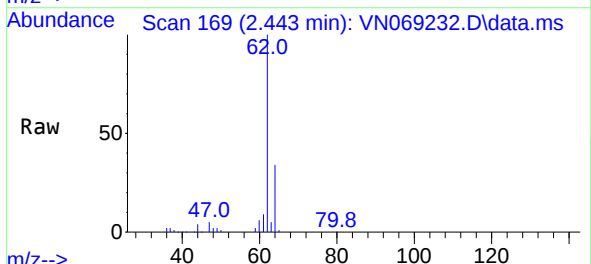
Manual Integrations
APPROVED

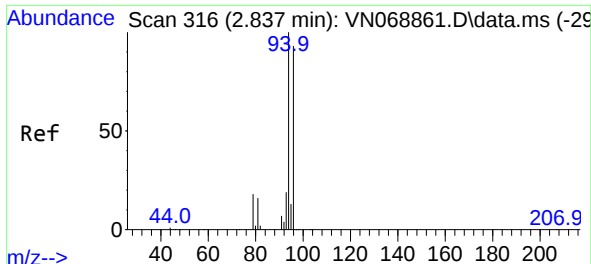
MMDadoda
10/29/2021 6:31:17 PM



#4
Vinyl Chloride
Concen: 53.847 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

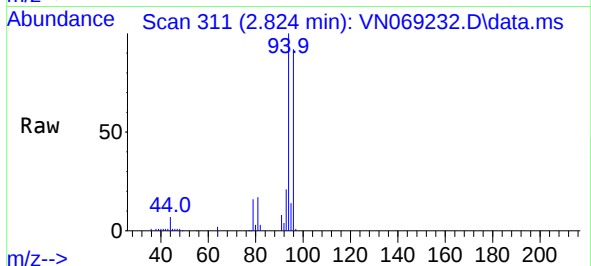
Tgt Ion: 62 Resp: 151063
Ion Ratio Lower Upper
62 100
64 32.9 25.7 38.5





#5
Bromomethane
Concen: 65.378 ug/l
RT: 2.824 min Scan# 311
Delta R.T. -0.013 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

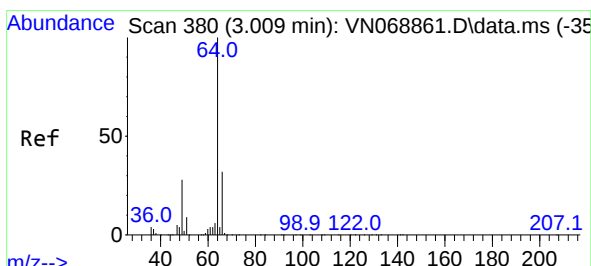
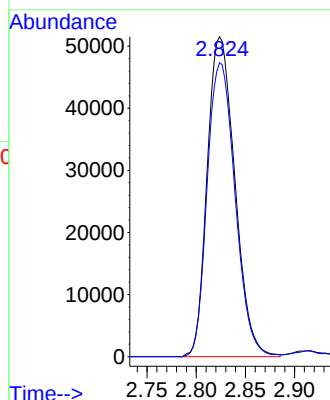
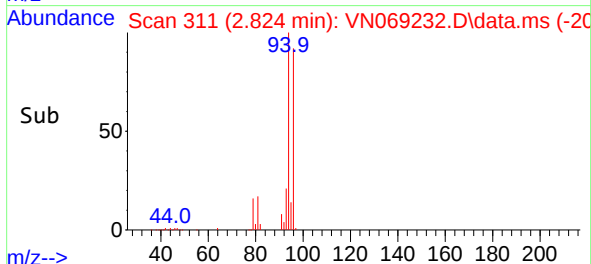
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD



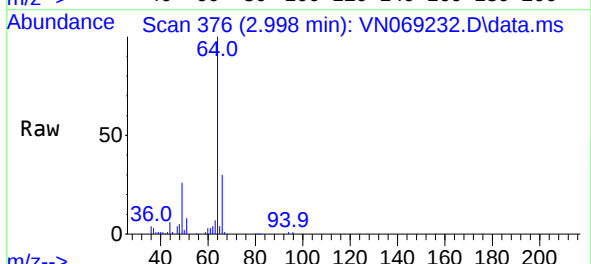
Tgt Ion: 94 Resp: 100886
Ion Ratio Lower Upper
94 100
96 91.8 74.2 111.4

Manual Integrations
APPROVED

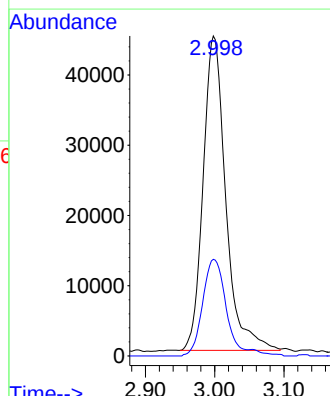
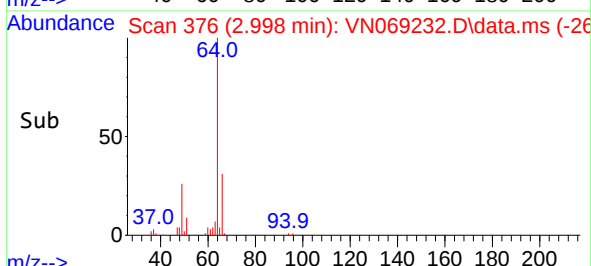
MMDadoda
10/29/2021 6:31:17 PM

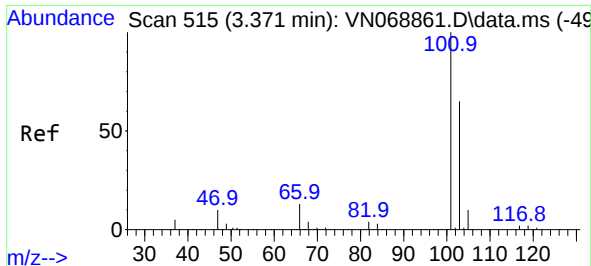


#6
Chloroethane
Concen: 61.545 ug/l
RT: 2.998 min Scan# 376
Delta R.T. -0.011 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



Tgt Ion: 64 Resp: 101753
Ion Ratio Lower Upper
64 100
66 30.7 25.6 38.4





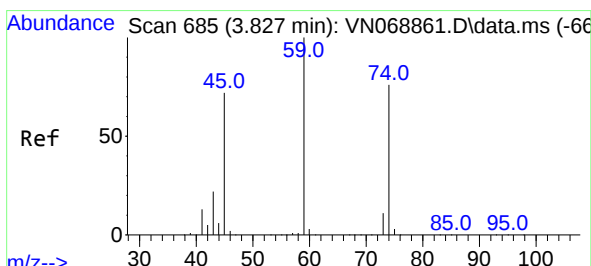
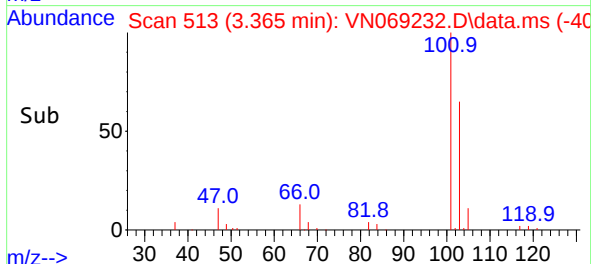
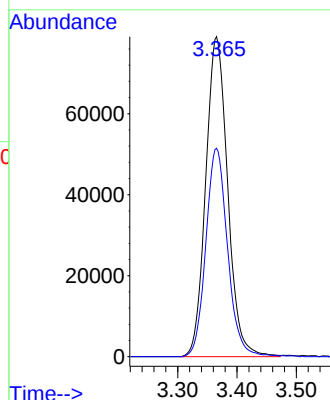
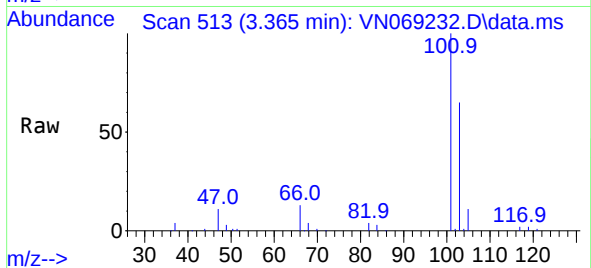
#7
Trichlorofluoromethane
Concen: 51.739 ug/l
RT: 3.365 min Scan# 513
Delta R.T. -0.005 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:101 Resp: 203249
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

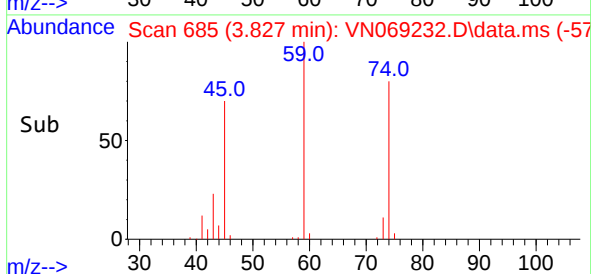
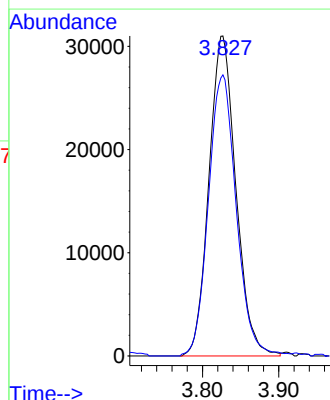
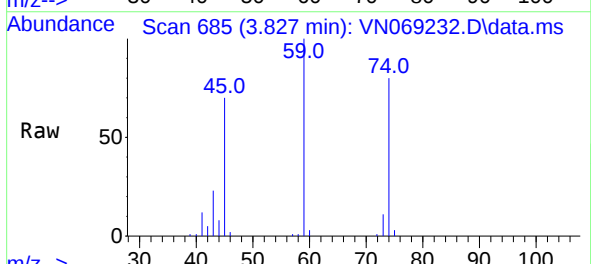
Manual Integrations
APPROVED

MMDadoda
10/29/2021 6:31:17 PM



#8
Diethyl Ether
Concen: 51.902 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 74 Resp: 76051
Ion Ratio Lower Upper
74 100
45 90.9 47.0 141.2





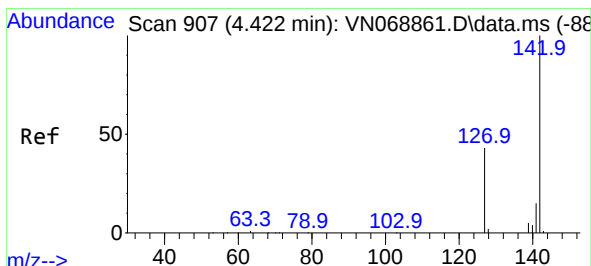
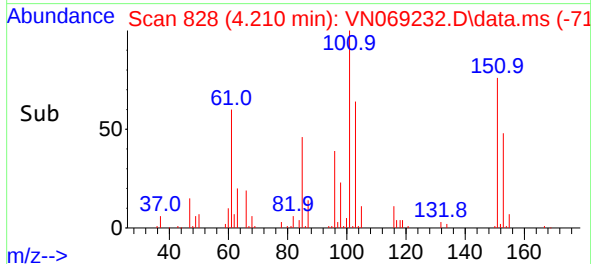
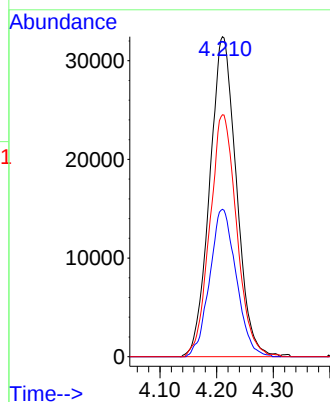
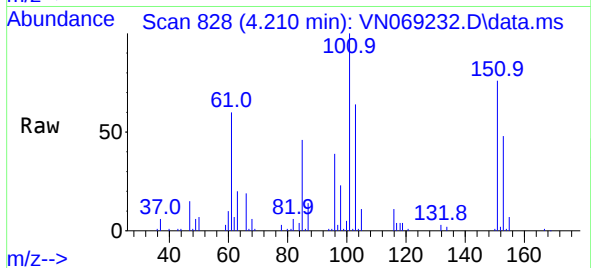
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.268 ug/l
RT: 4.210 min Scan# 828
Delta R.T. -0.005 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:101 Resp: 106181
Ion Ratio Lower Upper
101 100
85 45.9 37.2 55.8
151 76.2 61.1 91.7

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

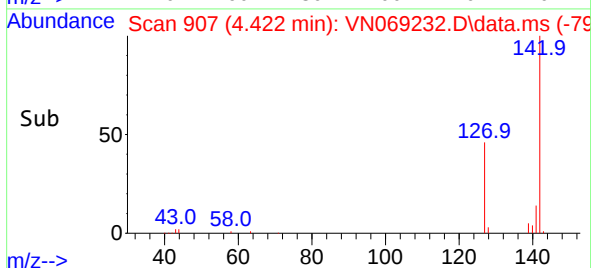
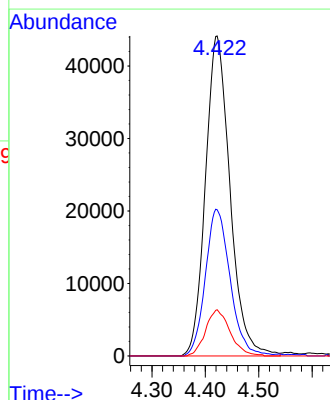
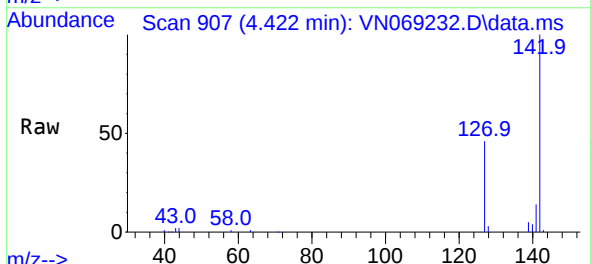
Manual Integrations
APPROVED

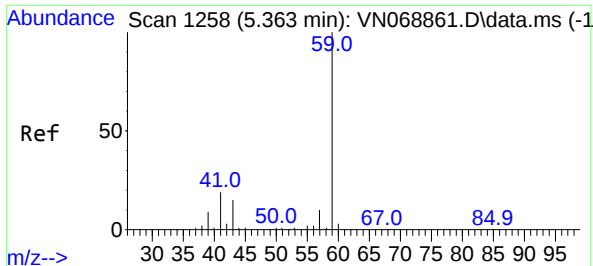
MMDadoda
10/29/2021 6:31:17 PM



#10
Methyl Iodide
Concen: 46.050 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:142 Resp: 141178
Ion Ratio Lower Upper
142 100
127 46.2 34.4 51.6
141 14.4 11.3 16.9





#11

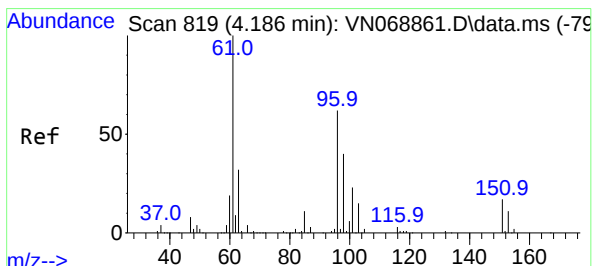
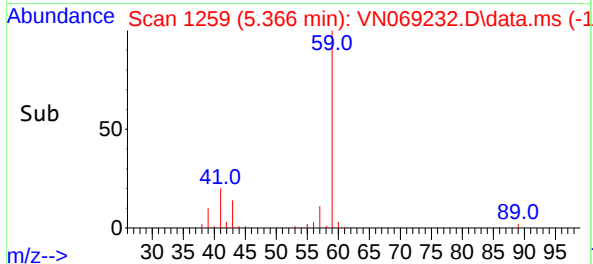
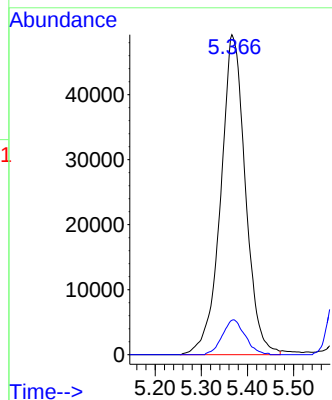
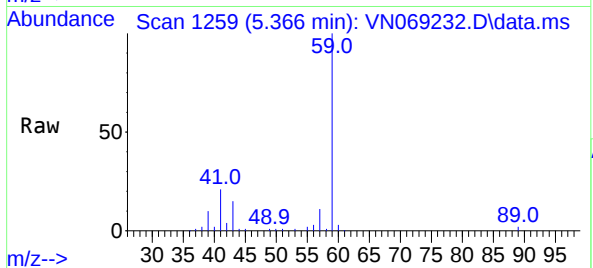
Tert butyl alcohol
Concen: 336.492 ug/l
RT: 5.366 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 59 Resp: 183190
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

Manual Integrations
APPROVED

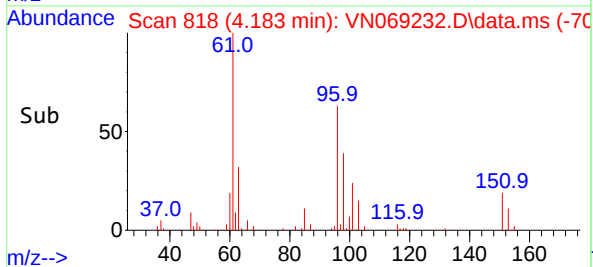
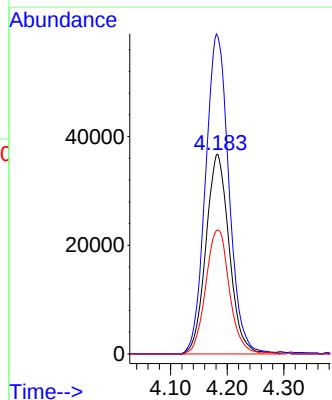
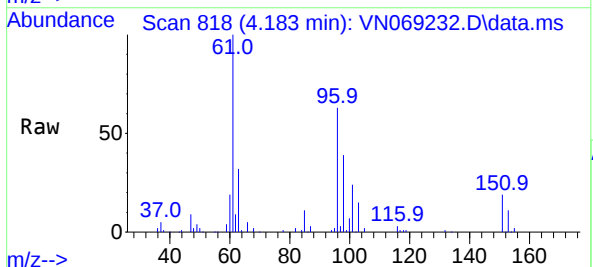
MMDadoda
10/29/2021 6:31:17 PM

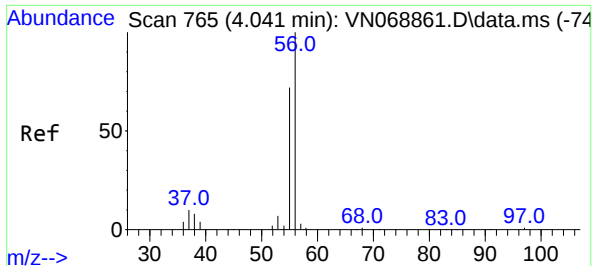


#12

1,1-Dichloroethene
Concen: 48.269 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 96 Resp: 105394
Ion Ratio Lower Upper
96 100
61 159.0 129.8 194.6
98 62.2 51.4 77.2





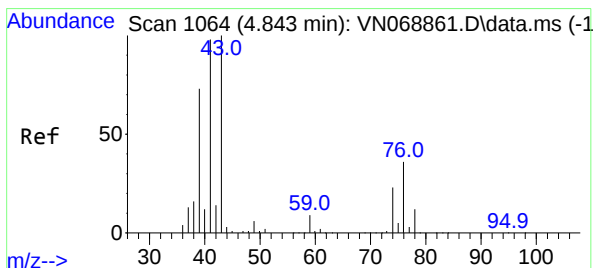
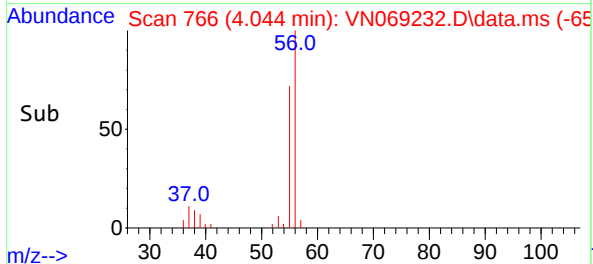
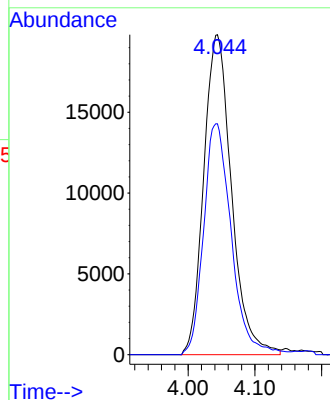
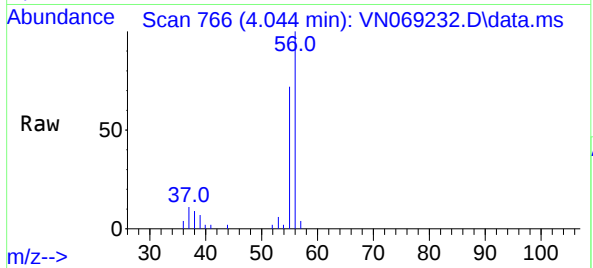
#13
Acrolein
Concen: 237.713 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 56 Resp: 57249
Ion Ratio Lower Upper
56 100
55 71.8 58.1 87.1

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

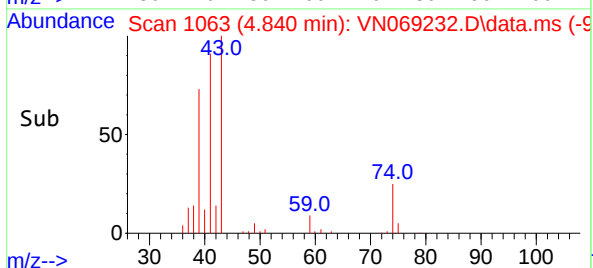
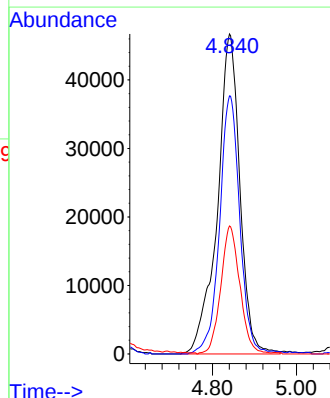
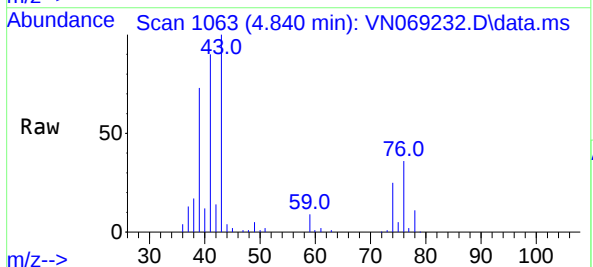
Manual Integrations
APPROVED

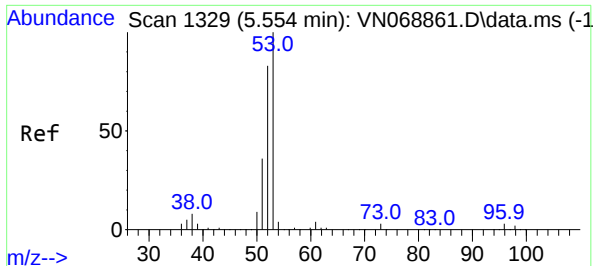
MMDadoda
10/29/2021 6:31:17 PM



#14
Allyl chloride
Concen: 44.455 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 41 Resp: 174005
Ion Ratio Lower Upper
41 100
39 72.2 55.6 83.4
76 34.0 26.4 39.6





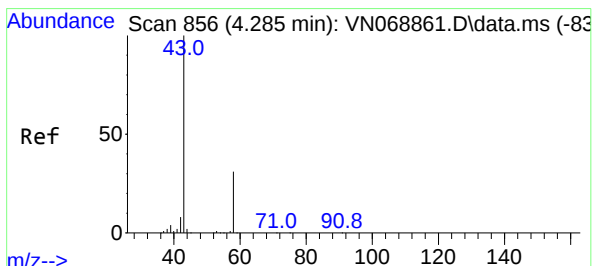
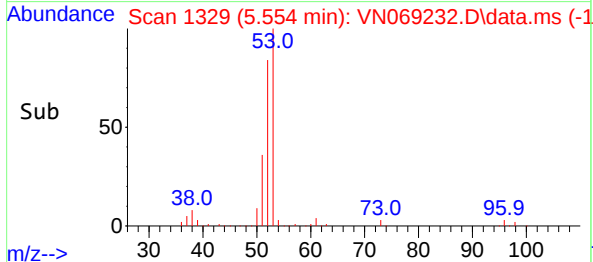
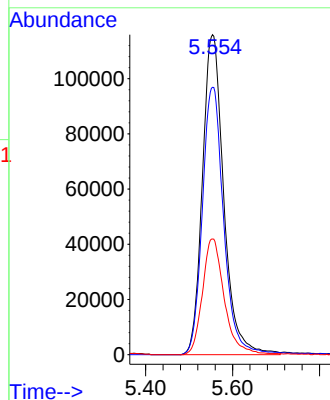
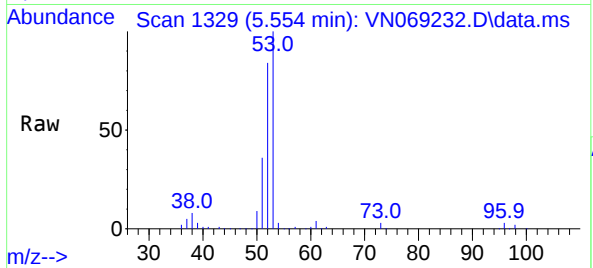
#15
Acrylonitrile
Concen: 323.293 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 53 Resp: 394376
Ion Ratio Lower Upper
53 100
52 83.3 65.7 98.5
51 37.0 28.9 43.3

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

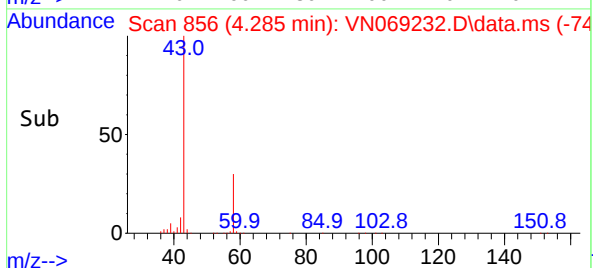
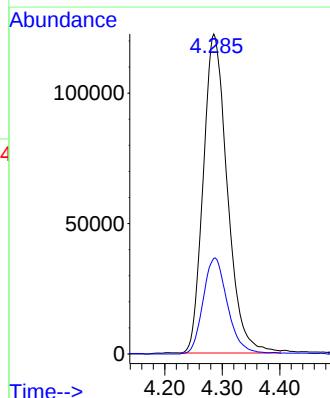
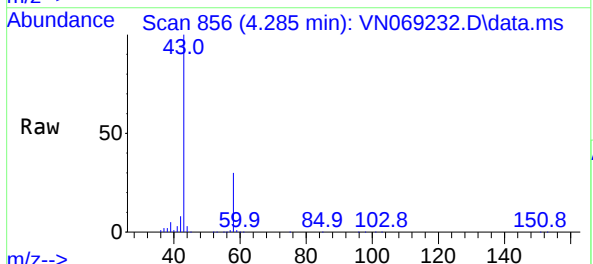
Manual Integrations
APPROVED

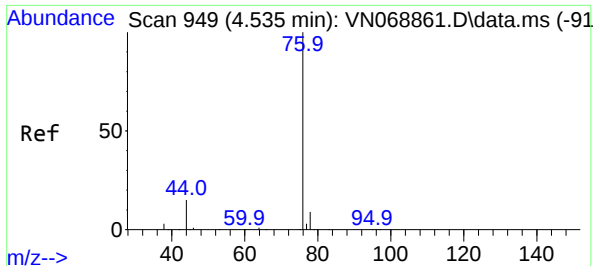
MMDadoda
10/29/2021 6:31:17 PM



#16
Acetone
Concen: 320.118 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 43 Resp: 355922
Ion Ratio Lower Upper
43 100
58 30.0 24.5 36.7





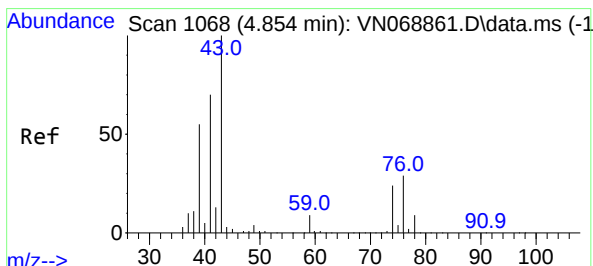
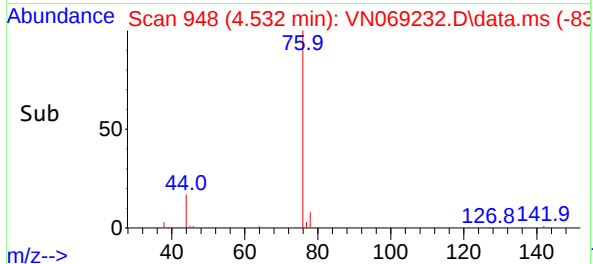
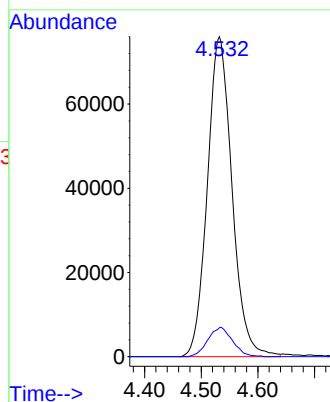
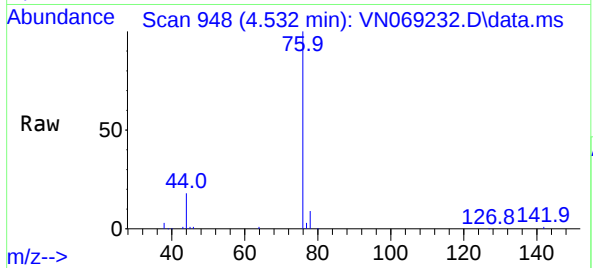
#17
Carbon Disulfide
Concen: 38.777 ug/l
RT: 4.532 min Scan# 948
Delta R.T. -0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 76 Resp: 229787
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

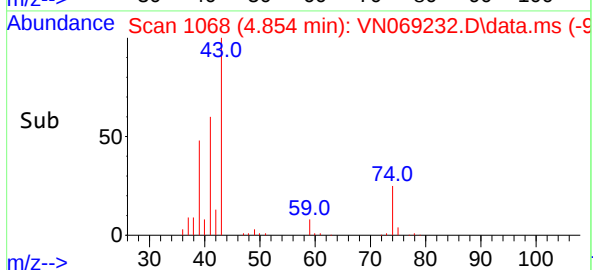
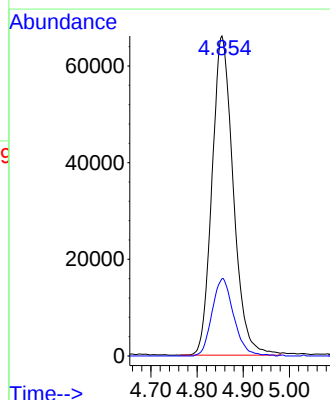
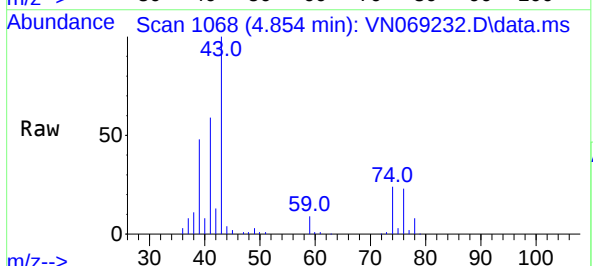
Manual Integrations
APPROVED

MMDadoda
10/29/2021 6:31:17 PM



#18
Methyl Acetate
Concen: 50.090 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 43 Resp: 211242
Ion Ratio Lower Upper
43 100
74 24.6 18.9 28.3





#19

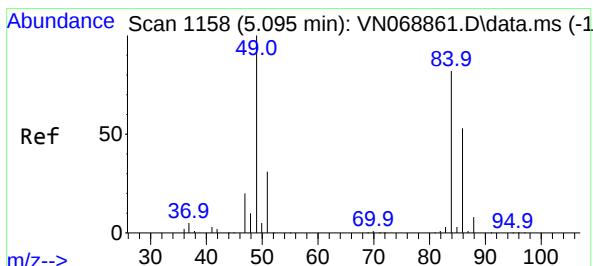
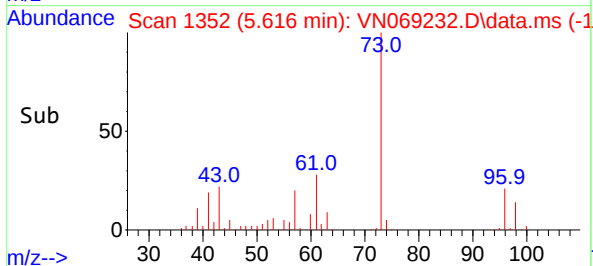
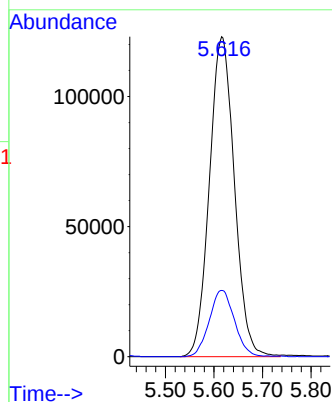
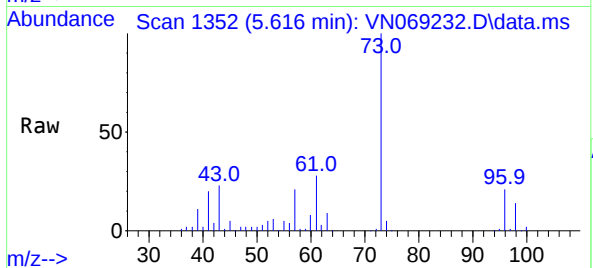
Methyl tert-butyl Ether
Concen: 54.065 ug/l
RT: 5.616 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 73 Resp: 439563
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

Manual Integrations
APPROVED

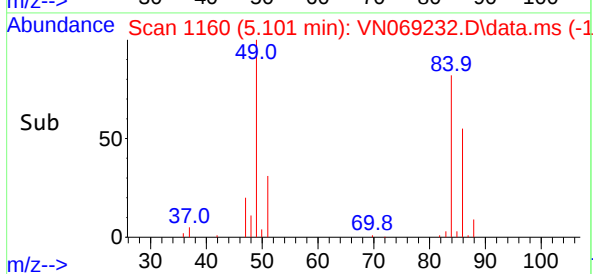
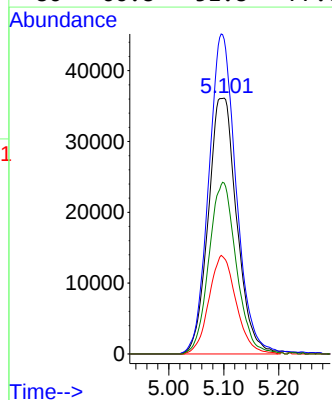
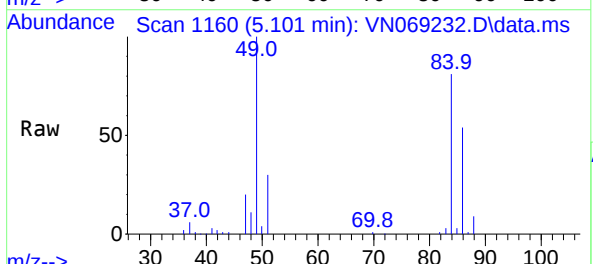
MMDadoda
10/29/2021 6:31:17 PM



#20

Methylene Chloride
Concen: 50.817 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.005 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 84 Resp: 130045
Ion Ratio Lower Upper
84 100
49 122.9 97.6 146.4
51 37.4 30.3 45.5
86 66.8 51.8 77.6





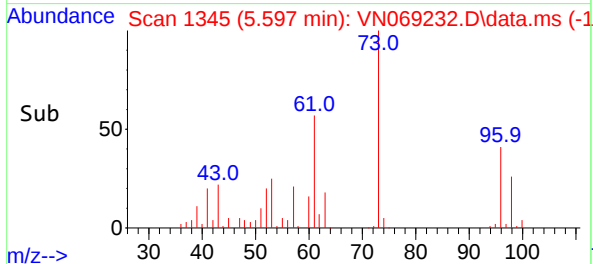
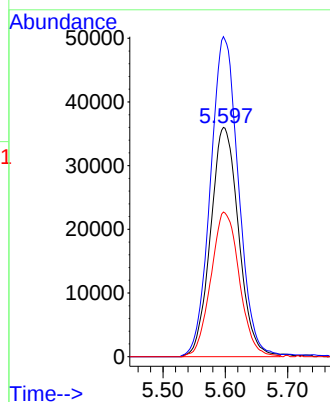
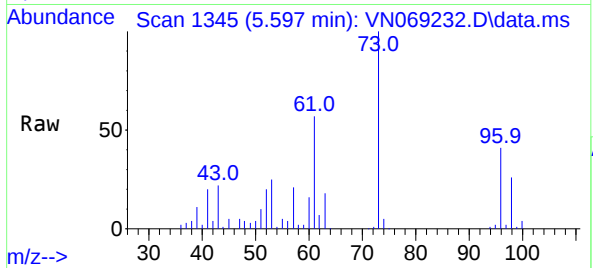
#21
trans-1,2-Dichloroethene
Concen: 47.871 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 96 Resp: 112925
Ion Ratio Lower Upper
96 100
61 139.6 112.4 168.6
98 63.1 52.0 78.0

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

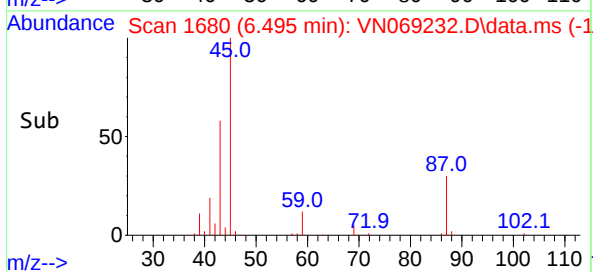
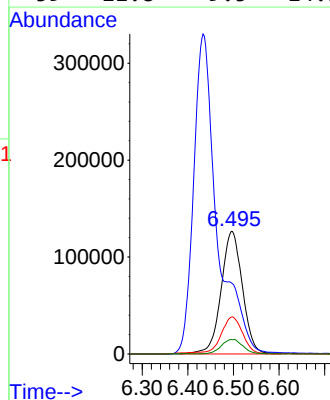
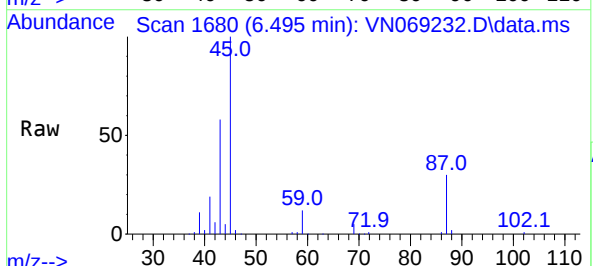
Manual Integrations
APPROVED

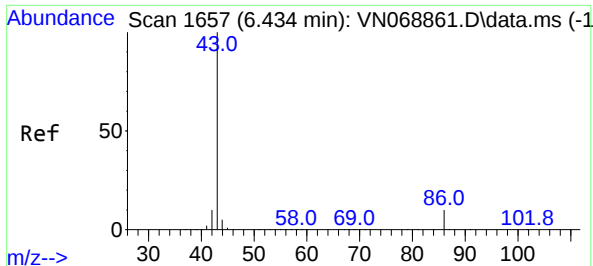
MMDadoda
10/29/2021 6:31:17 PM



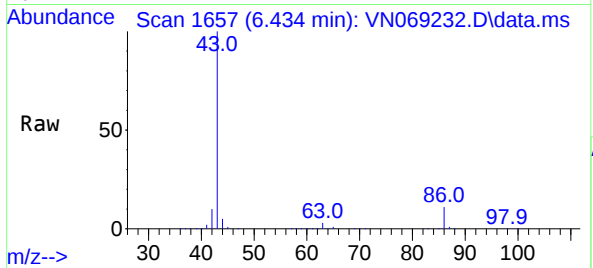
#22
Diisopropyl ether
Concen: 50.577 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 45 Resp: 411689
Ion Ratio Lower Upper
45 100
43 57.0 48.0 72.0
87 29.9 23.4 35.0
59 11.8 9.5 14.3

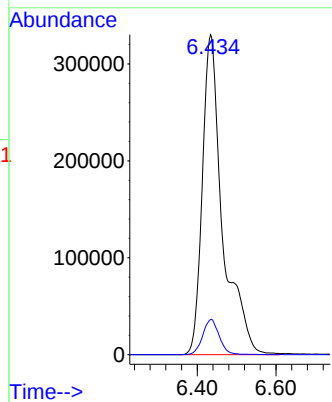
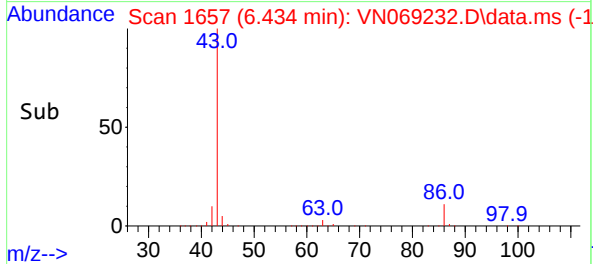




#23
 Vinyl Acetate
 Concen: 192.353 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: VN069232.D
 Acq: 27 Oct 2021 20:58



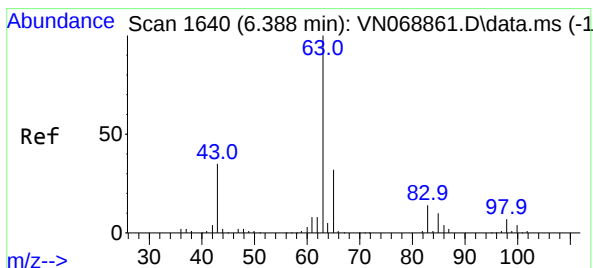
Tgt Ion: 43 Resp: 1183672
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.3 12.5



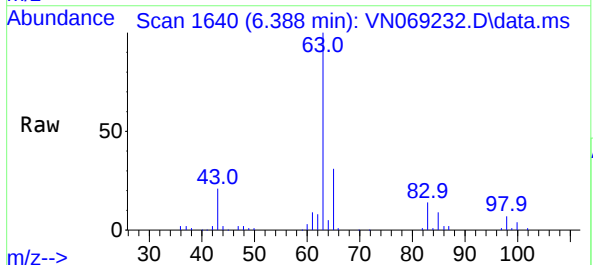
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1D(OFFSITE)MSD

Manual Integrations
 APPROVED

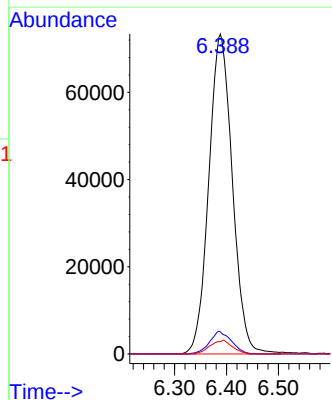
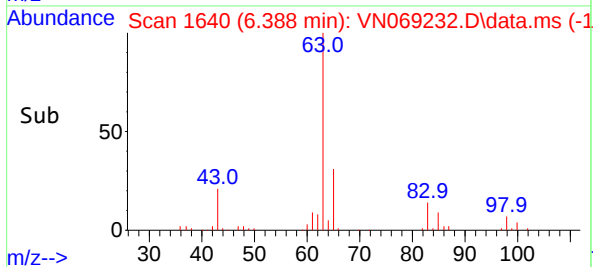
MMDadoda
 10/29/2021 6:31:17 PM



#24
 1,1-Dichloroethane
 Concen: 52.275 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069232.D
 Acq: 27 Oct 2021 20:58



Tgt Ion: 63 Resp: 231191
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 3.8 2.1 6.5





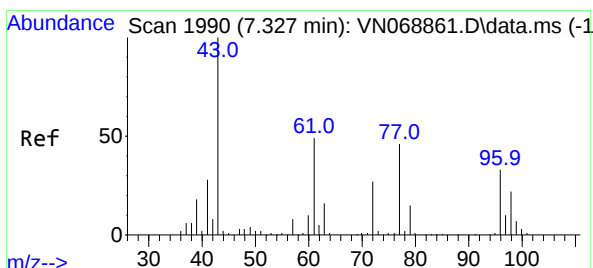
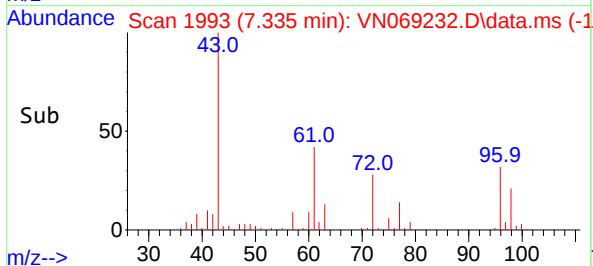
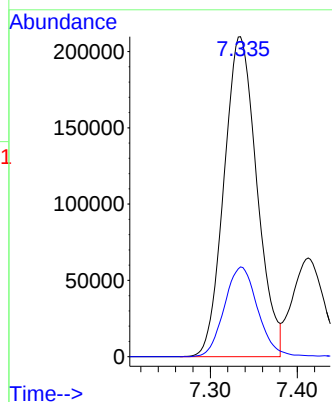
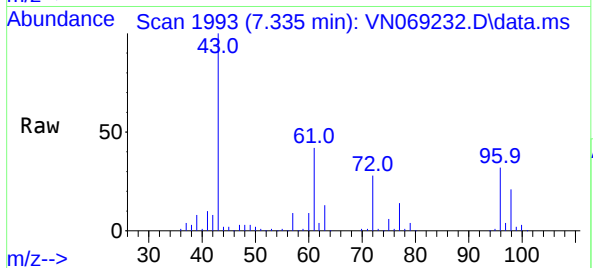
#25
2-Butanone
Concen: 327.835 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 43 Resp: 551188
Ion Ratio Lower Upper
43 100
72 28.1 21.2 31.8

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

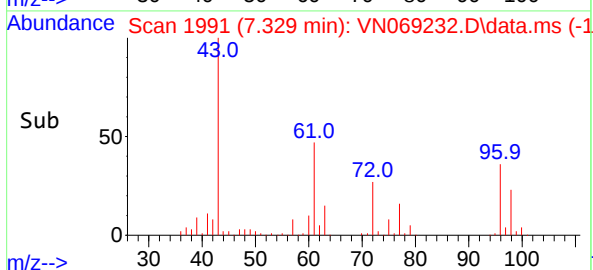
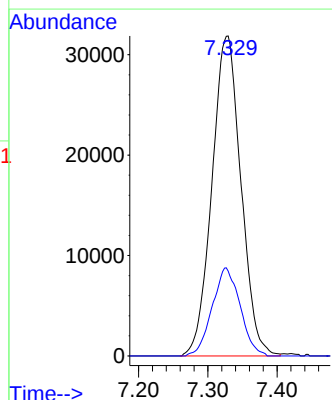
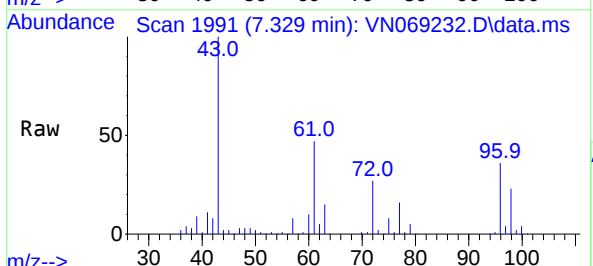
Manual Integrations
APPROVED

MMDadoda
10/29/2021 6:31:17 PM



#26
2,2-Dichloropropane
Concen: 21.993 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 77 Resp: 92695
Ion Ratio Lower Upper
77 100
97 26.5 11.2 33.6





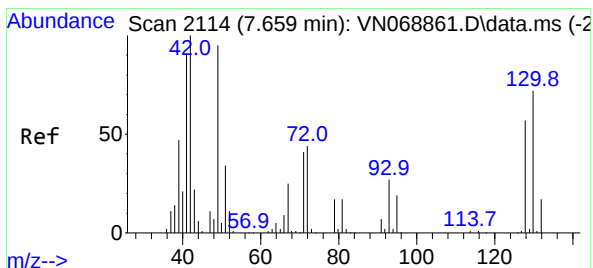
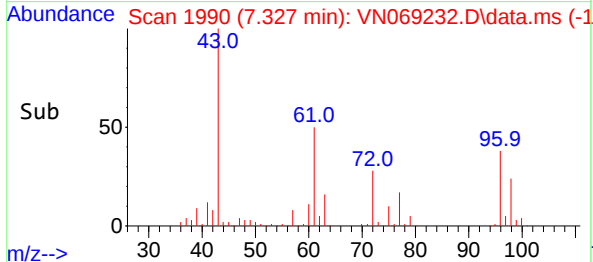
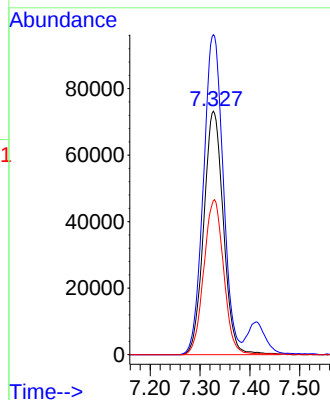
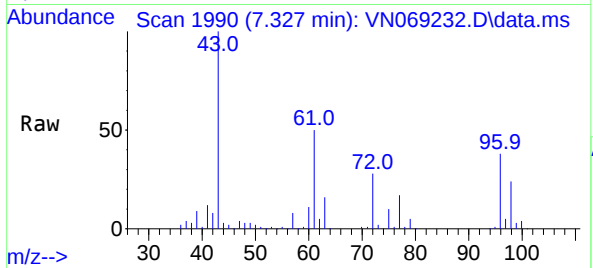
#27
cis-1,2-Dichloroethene
Concen: 70.432 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 96 Resp: 200841
Ion Ratio Lower Upper
96 100
61 132.0 0.0 290.6
98 64.0 0.0 127.2

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

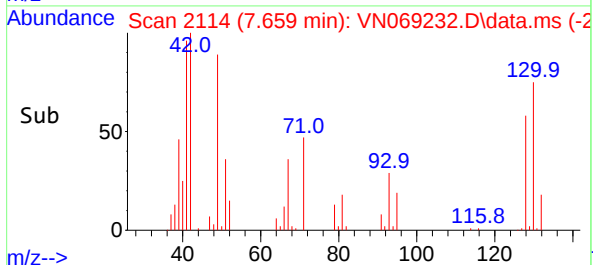
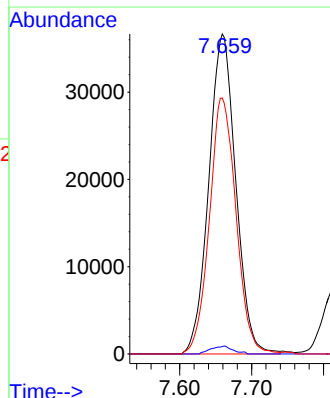
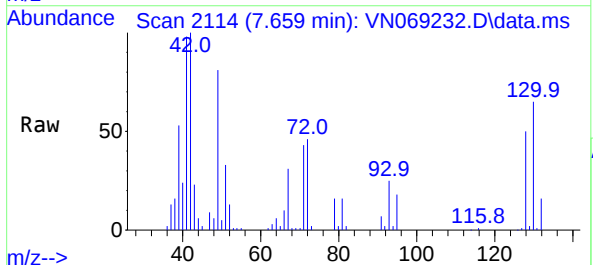
Manual Integrations
APPROVED

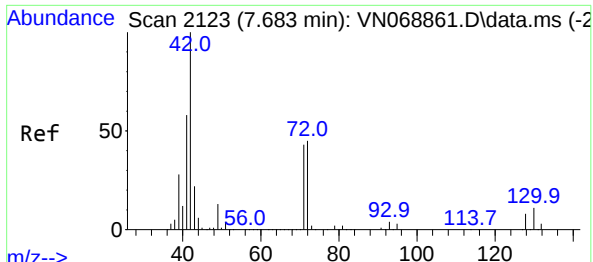
MMDadoda
10/29/2021 6:31:17 PM



#28
Bromochloromethane
Concen: 47.673 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 49 Resp: 95493
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 78.9 60.8 91.2





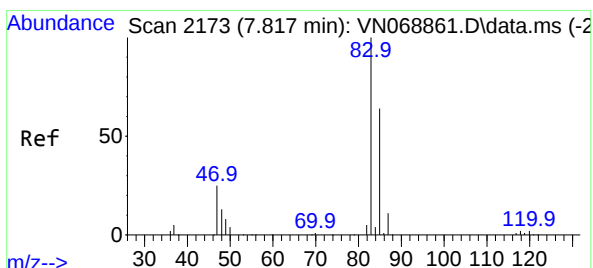
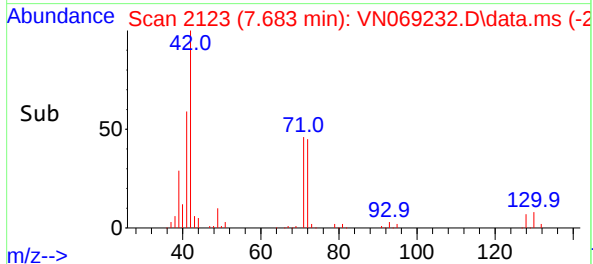
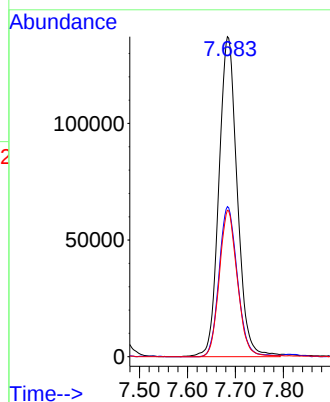
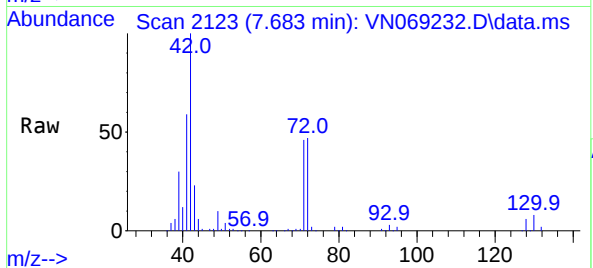
#29
Tetrahydrofuran
Concen: 333.547 ug/l
RT: 7.683 min Scan# 2123
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 42 Resp: 363754
Ion Ratio Lower Upper
42 100
72 47.1 35.4 53.2
71 44.9 33.8 50.6

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

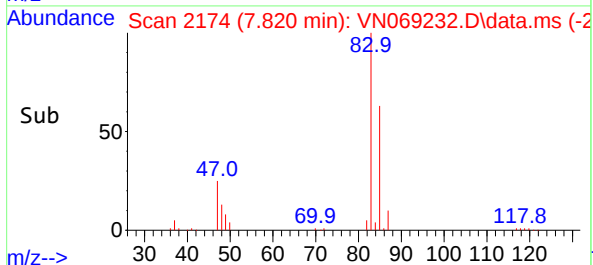
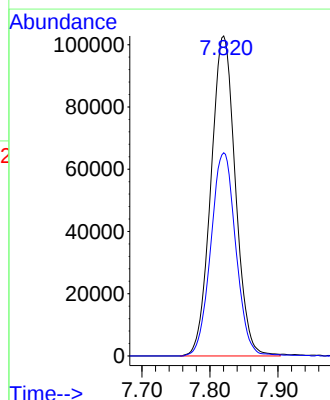
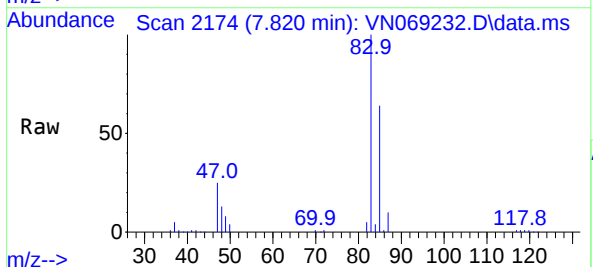
Manual Integrations
APPROVED

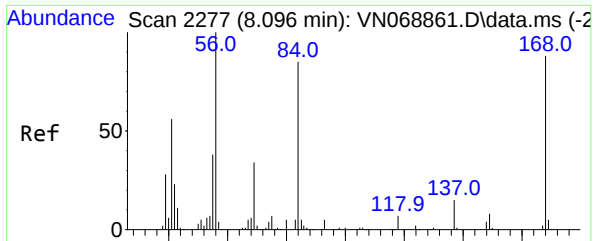
MMDadoda
10/29/2021 6:31:17 PM



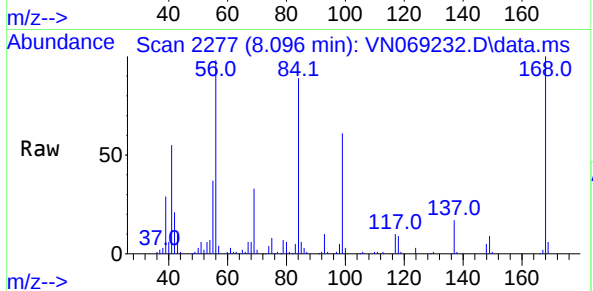
#30
Chloroform
Concen: 55.172 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 83 Resp: 257150
Ion Ratio Lower Upper
83 100
85 63.5 51.1 76.7

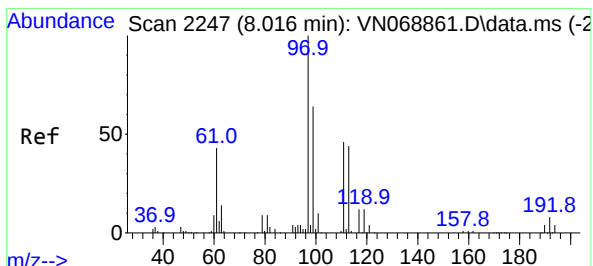
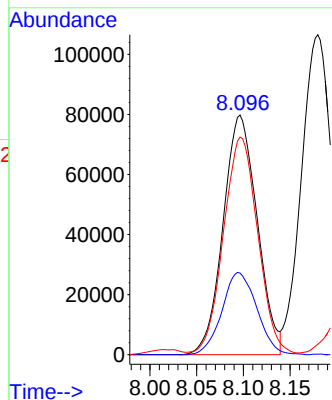
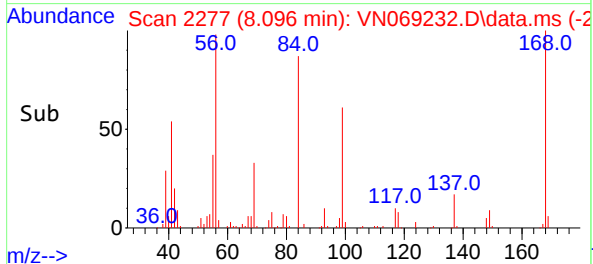




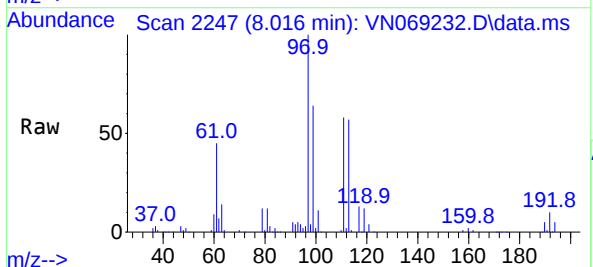
#31
Cyclohexane
Concen: 43.765 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



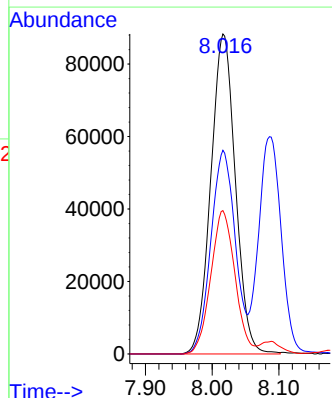
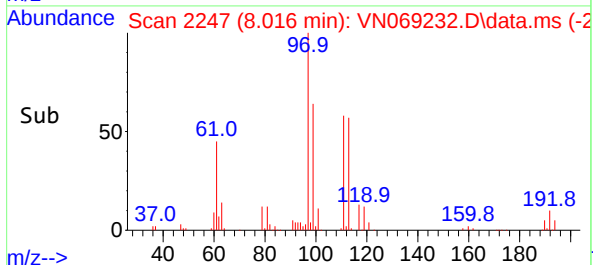
Tgt Ion: 56 Resp: 202738
Ion Ratio Lower Upper
56 100
69 34.0 26.9 40.3
84 89.4 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 52.000 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



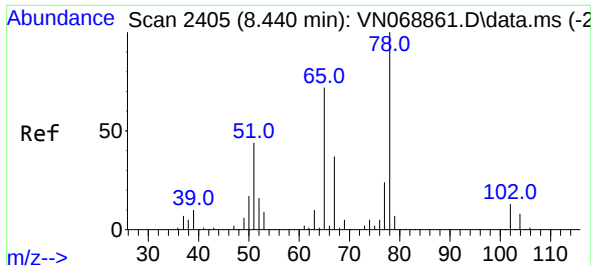
Tgt Ion: 97 Resp: 225936
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 44.3 34.6 51.8



Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

Manual Integrations
APPROVED

MMDadoda
10/29/2021 6:31:17 PM



#33

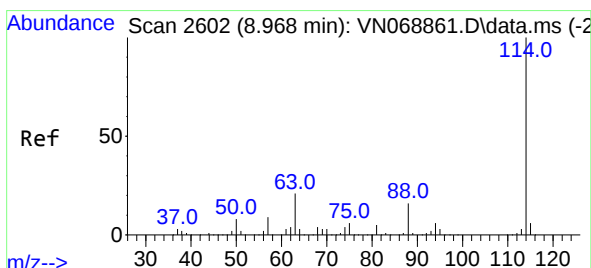
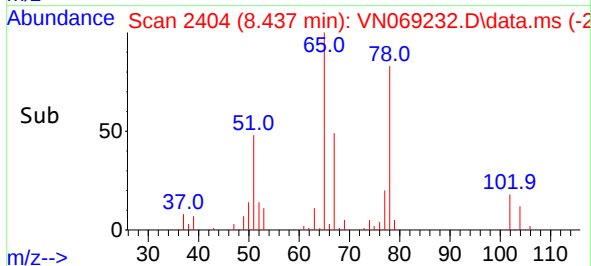
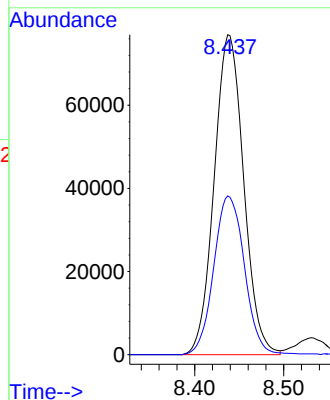
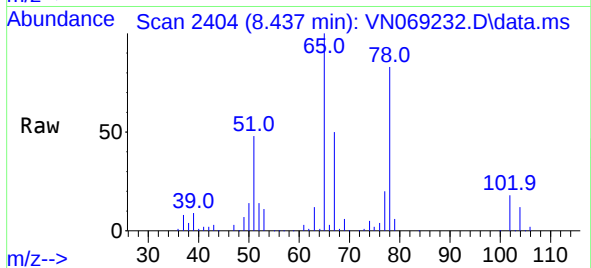
1,2-Dichloroethane-d4
Concen: 59.548 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 65 Resp: 177416
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

Manual Integrations
APPROVED

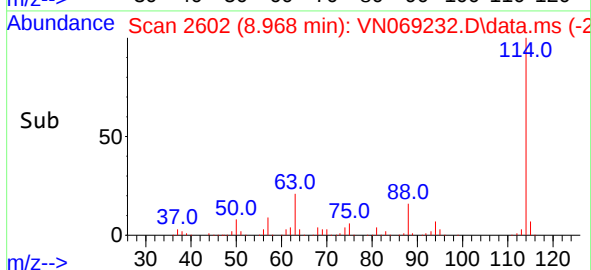
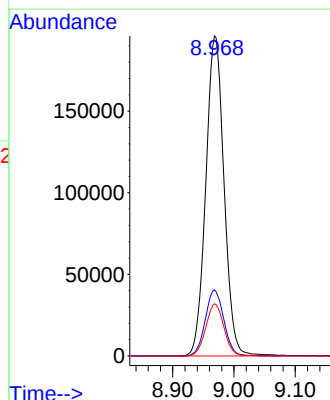
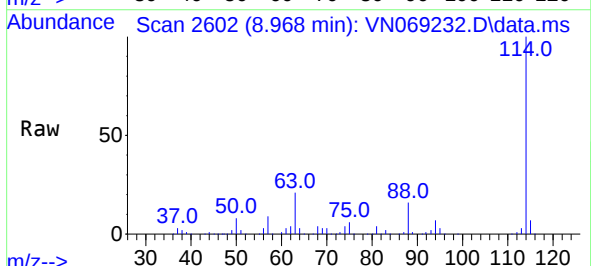
MMDadoda
10/29/2021 6:31:17 PM

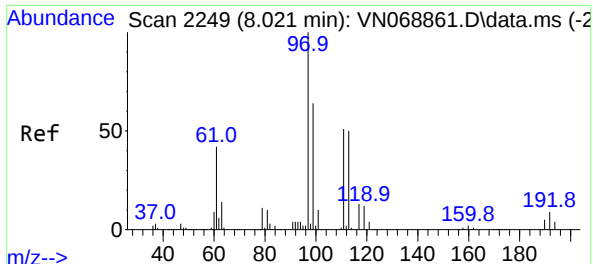


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 114 Resp: 406189
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 16.3 0.0 32.0





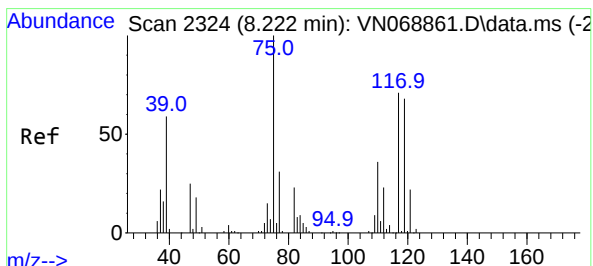
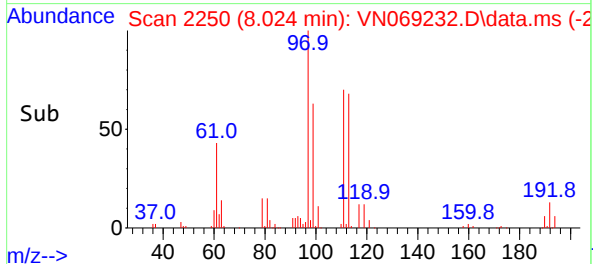
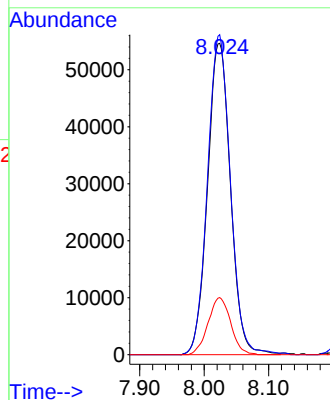
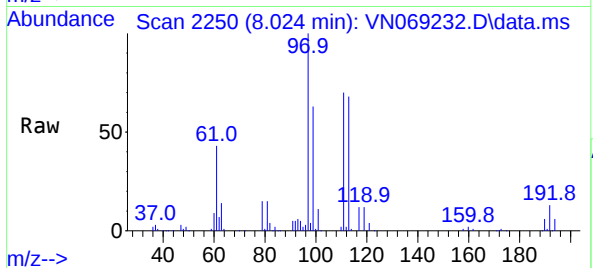
#35
Dibromofluoromethane
Concen: 57.156 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:113 Resp: 135073
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 18.1 15.0 22.4

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

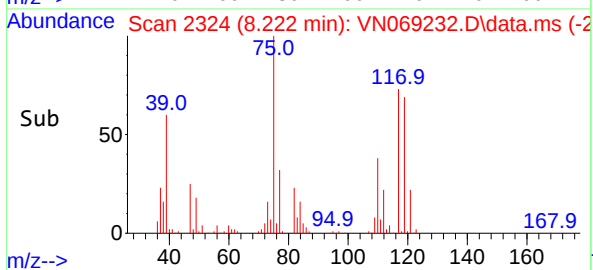
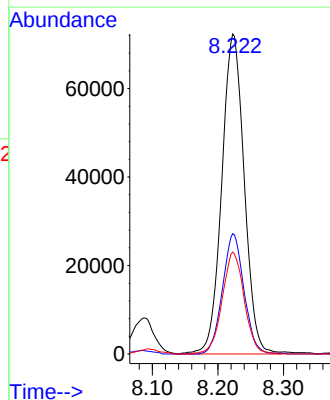
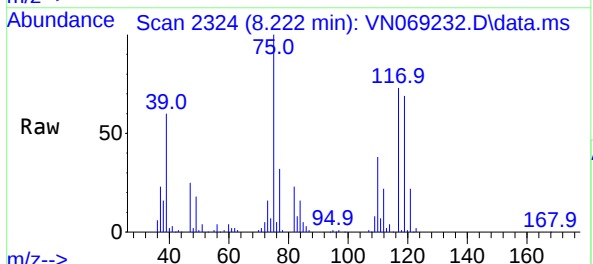
Manual Integrations
APPROVED

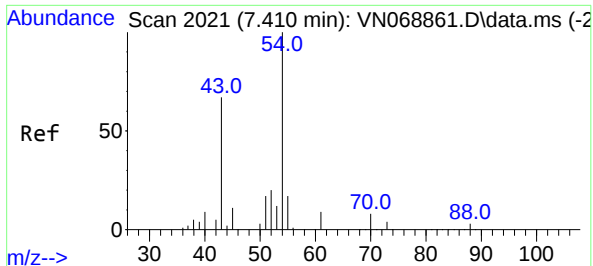
MMDadoda
10/29/2021 6:31:17 PM



#36
1,1-Dichloropropene
Concen: 49.523 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 75 Resp: 171819
Ion Ratio Lower Upper
75 100
110 35.9 17.9 53.8
77 31.3 24.7 37.1





#37
Ethyl Acetate
Concen: 46.391 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

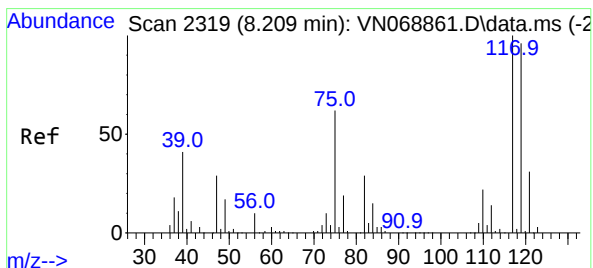
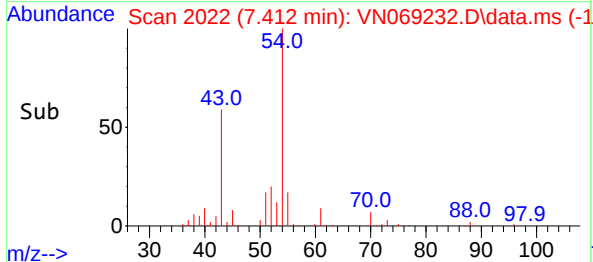
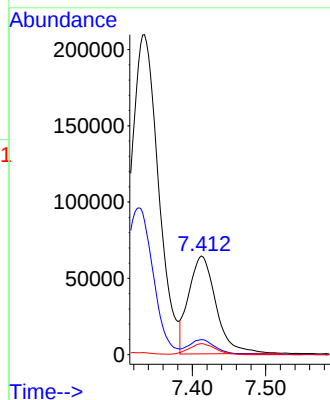
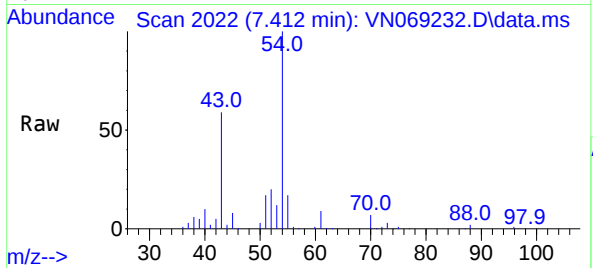
Tgt Ion: 43 Resp: 166230

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.2	16.8
70	10.9	8.4	12.6

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

Manual Integrations
APPROVED

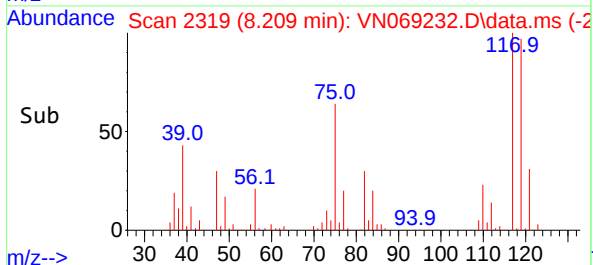
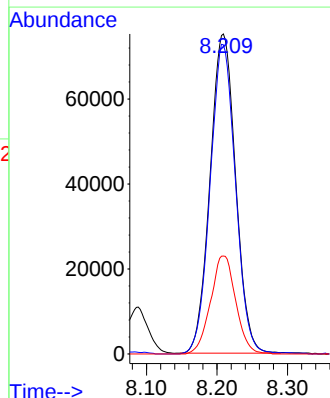
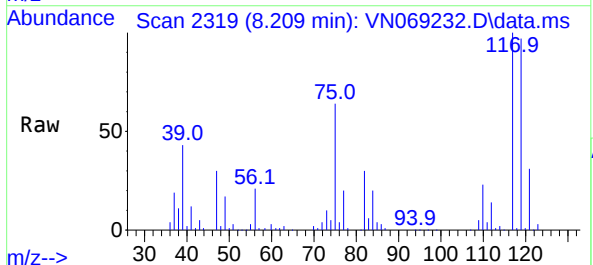
MMDadoda
10/29/2021 6:31:17 PM

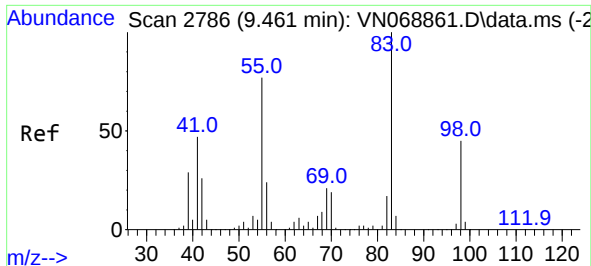


#38
Carbon Tetrachloride
Concen: 49.562 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 117 Resp: 188851

Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.9	115.3
121	30.7	24.6	37.0





#39

Methylcyclohexane

Concen: 44.842 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN069232.D

Acq: 27 Oct 2021 20:58

Tgt Ion: 83 Resp: 200246

Ion	Ratio	Lower	Upper
83	100		
55	74.0	61.4	92.0
98	47.5	36.4	54.6

Instrument :

MSVOA_N

ClientSampleId :

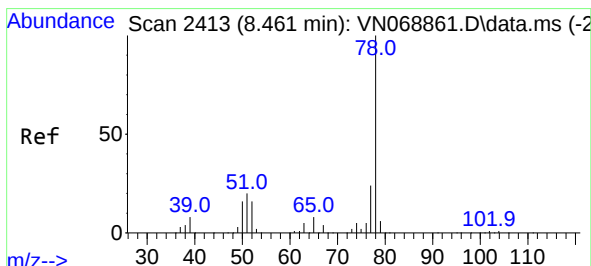
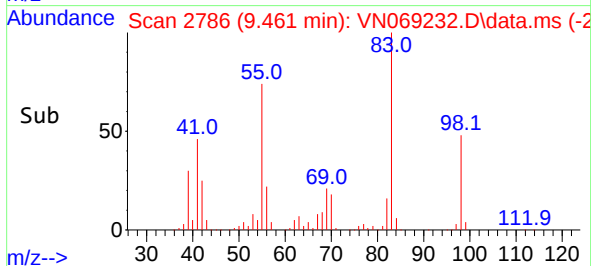
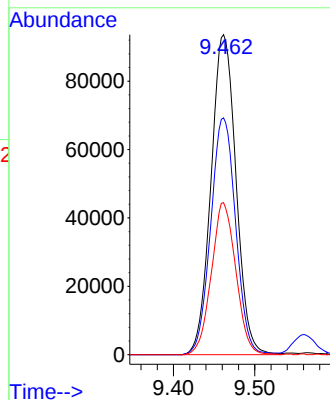
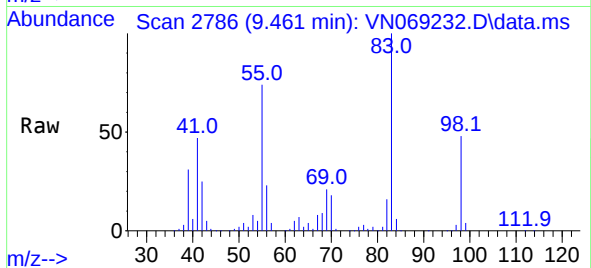
MW-1D(OFFSITE)MSD

Manual Integrations

APPROVED

MMDadoda

10/29/2021 6:31:17 PM



#40

Benzene

Concen: 51.012 ug/l

RT: 8.461 min Scan# 2413

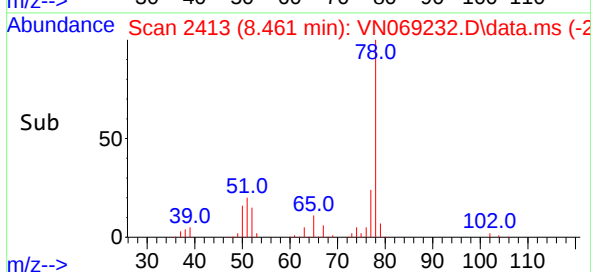
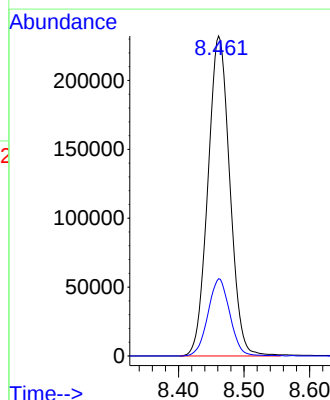
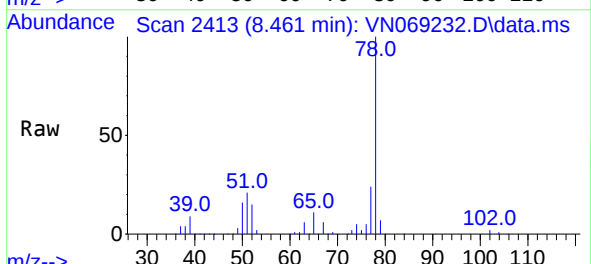
Delta R.T. 0.000 min

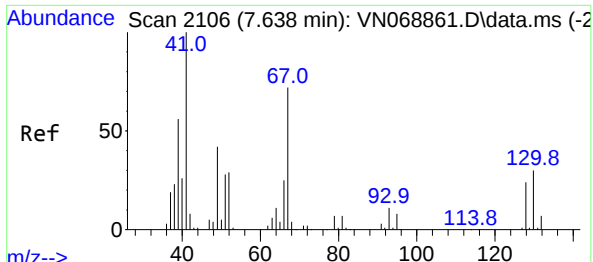
Lab File: VN069232.D

Acq: 27 Oct 2021 20:58

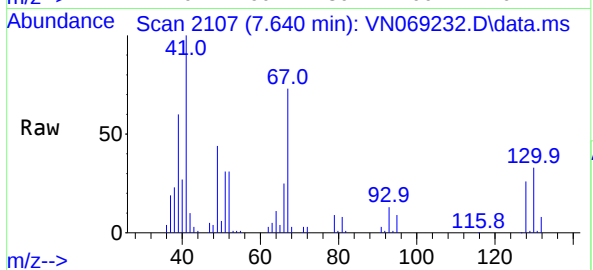
Tgt Ion: 78 Resp: 538934

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7

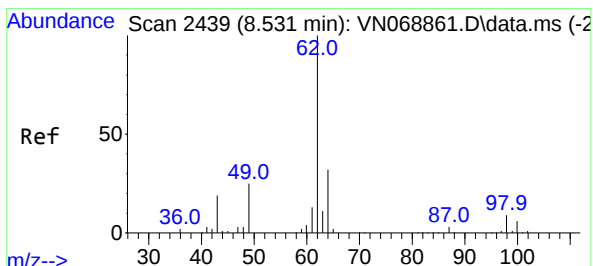
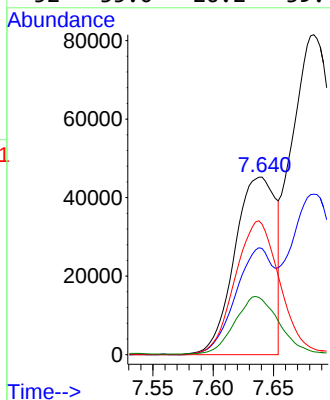
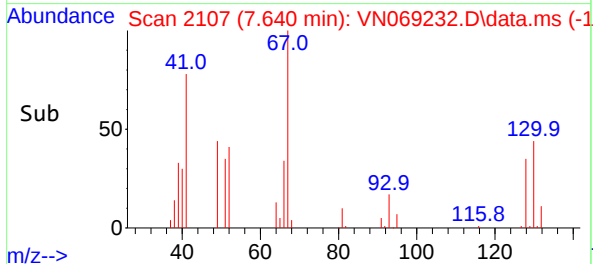




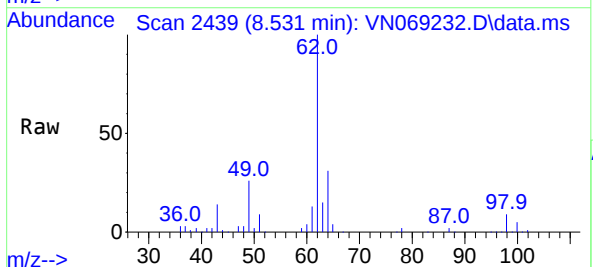
#41
Methacrylonitrile
Concen: 59.398 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



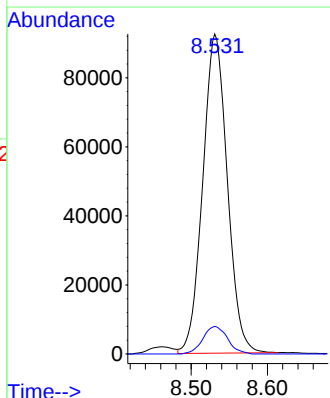
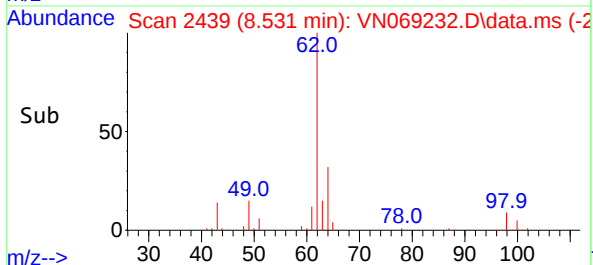
Tgt Ion: 41 Resp: 107290
Ion Ratio Lower Upper
41 100
39 54.2 44.9 67.3
67 82.6 62.6 93.8
52 35.0 26.2 39.4



#42
1,2-Dichloroethane
Concen: 55.251 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



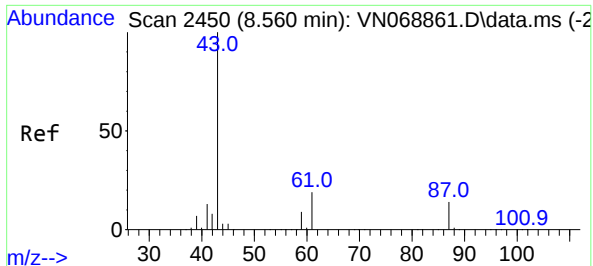
Tgt Ion: 62 Resp: 206703
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.2



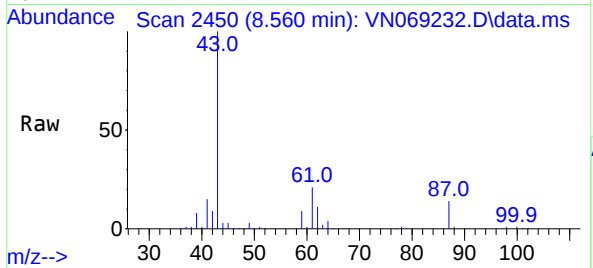
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

Manual Integrations
APPROVED

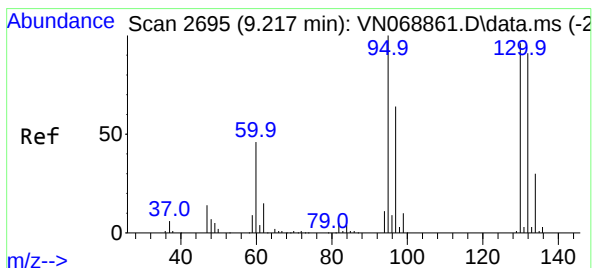
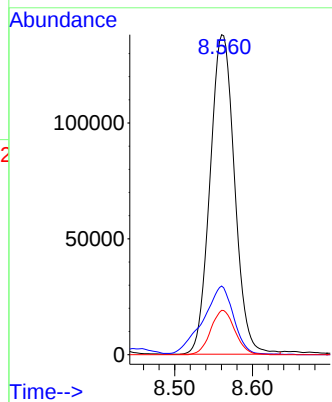
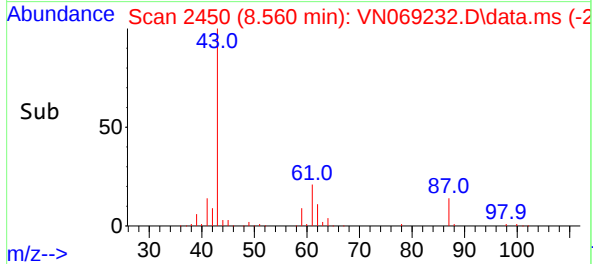
MMDadoda
10/29/2021 6:31:17 PM



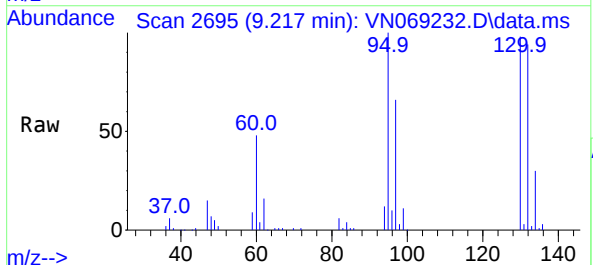
#43
Isopropyl Acetate
Concen: 47.746 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



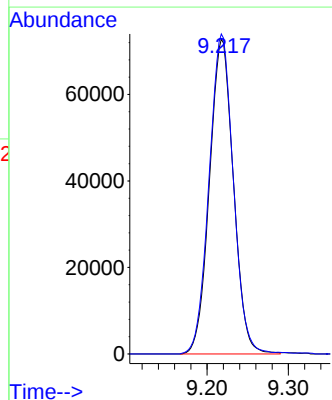
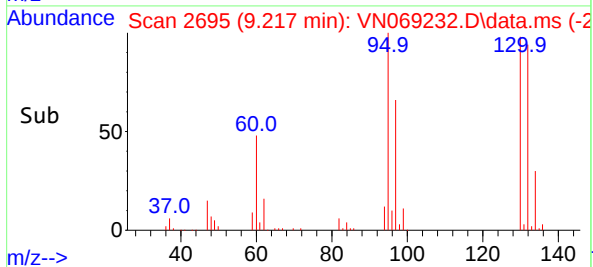
Tgt Ion: 43 Resp: 301869
Ion Ratio Lower Upper
43 100
61 26.5 20.4 30.6
87 13.7 10.7 16.1



#44
Trichloroethene
Concen: 56.203 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



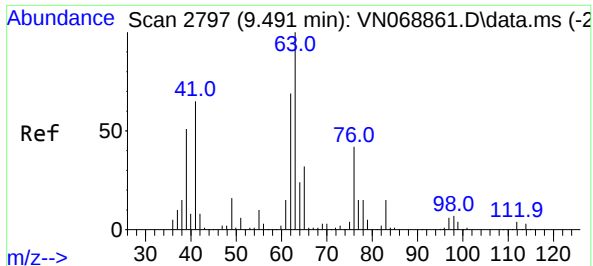
Tgt Ion: 130 Resp: 148607
Ion Ratio Lower Upper
130 100
95 101.6 0.0 208.0



Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

Manual Integrations
APPROVED

MMDadoda
10/29/2021 6:31:17 PM



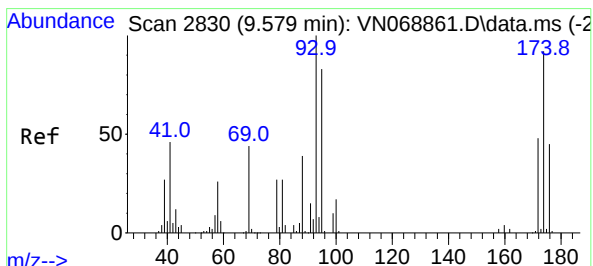
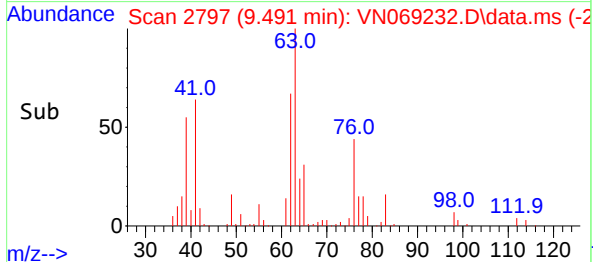
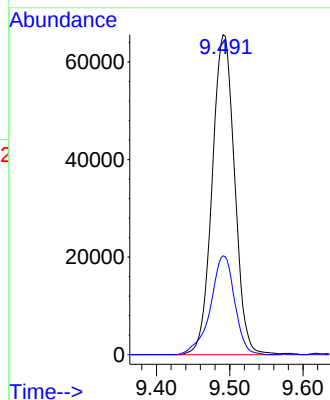
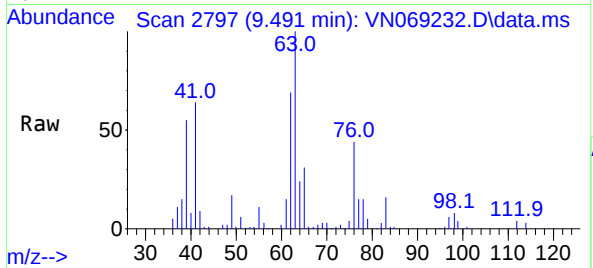
#45
1,2-Dichloropropane
Concen: 50.954 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 63 Resp: 139688
Ion Ratio Lower Upper
63 100
65 30.9 25.6 38.4

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

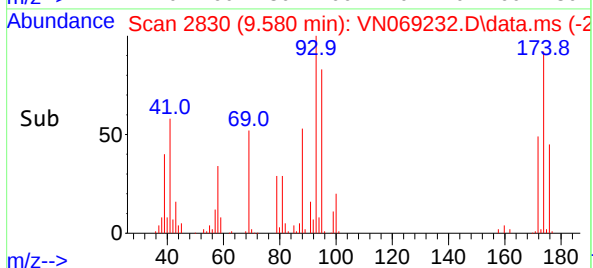
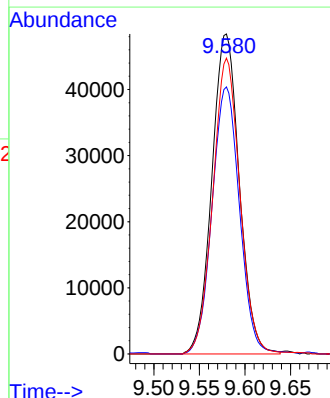
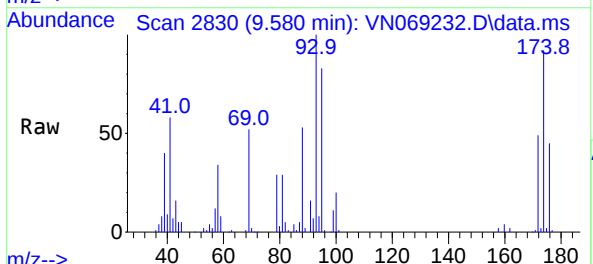
Manual Integrations
APPROVED

MMDadoda
10/29/2021 6:31:17 PM



#46
Dibromomethane
Concen: 54.157 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

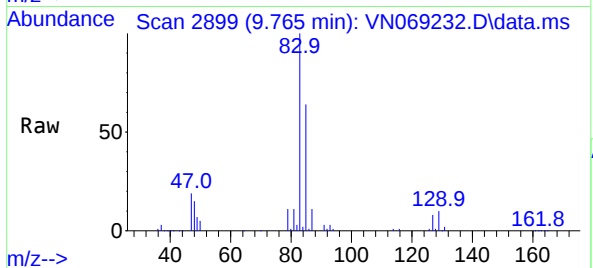
Tgt Ion: 93 Resp: 101344
Ion Ratio Lower Upper
93 100
95 83.5 66.5 99.7
174 91.3 73.8 110.8





#47
Bromodichloromethane
Concen: 50.367 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

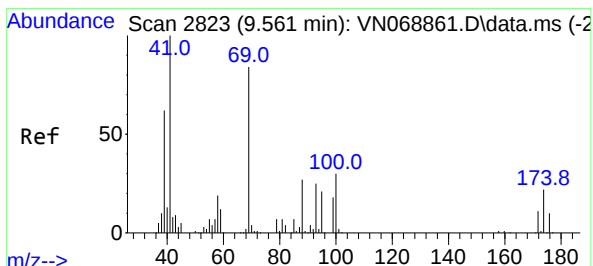
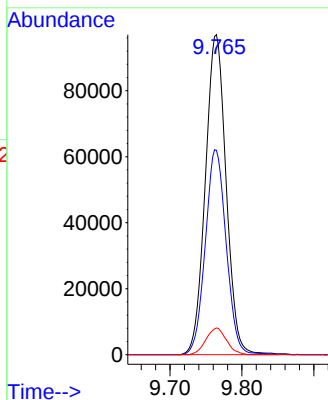
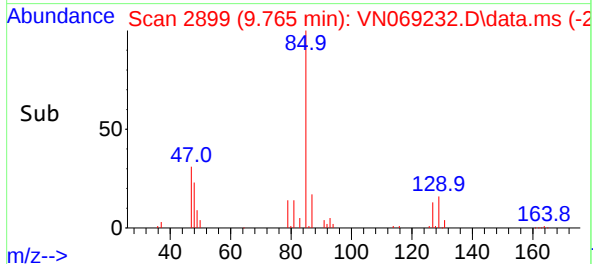
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD



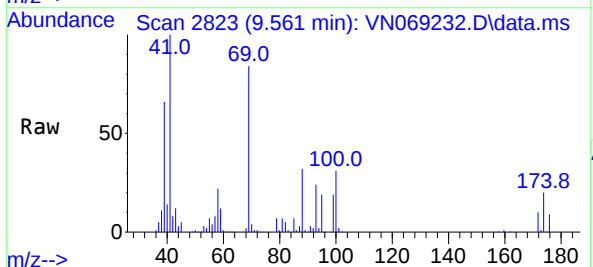
Tgt Ion: 83 Resp: 195315
Ion Ratio Lower Upper
83 100
85 63.8 50.7 76.1
127 8.4 6.5 9.7

Manual Integrations
APPROVED

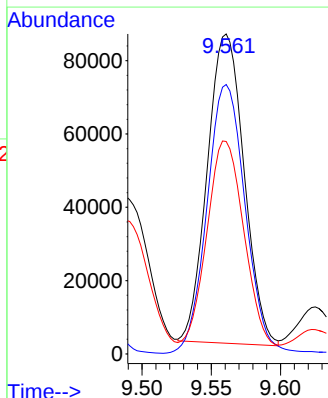
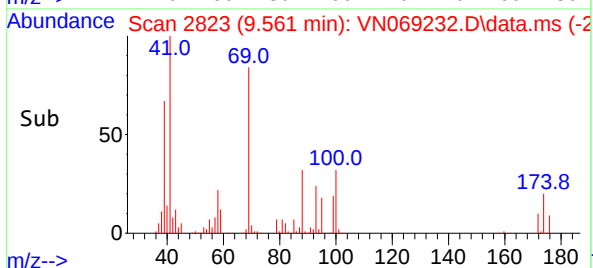
MMDadoda
10/29/2021 6:31:17 PM

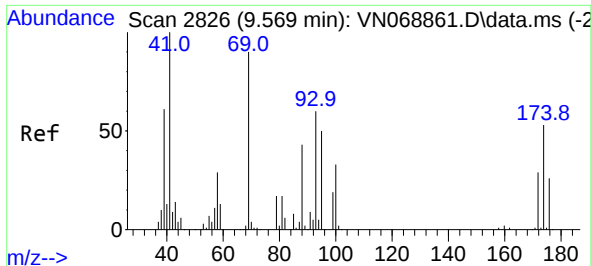


#48
Methyl methacrylate
Concen: 52.413 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



Tgt Ion: 41 Resp: 155700
Ion Ratio Lower Upper
41 100
69 91.1 66.4 99.6
39 72.0 50.2 75.2





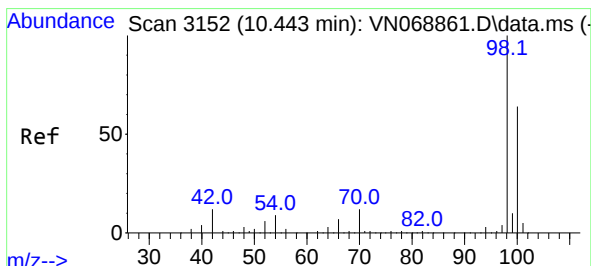
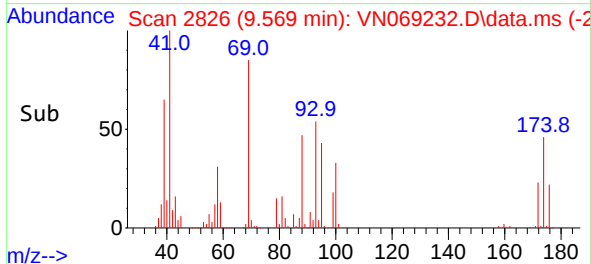
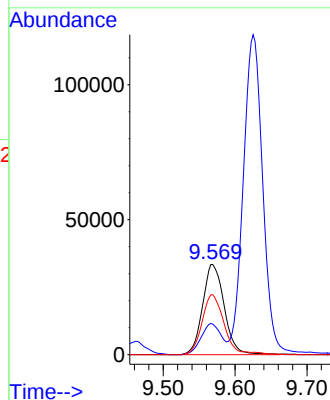
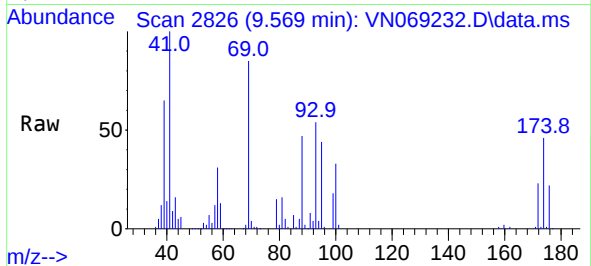
#49
1,4-Dioxane
Concen: 1204.801 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 88 Resp: 70194
Ion Ratio Lower Upper
88 100
43 32.9 24.9 37.3
58 66.4 56.9 85.3

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

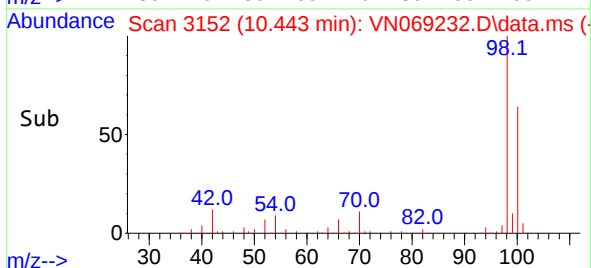
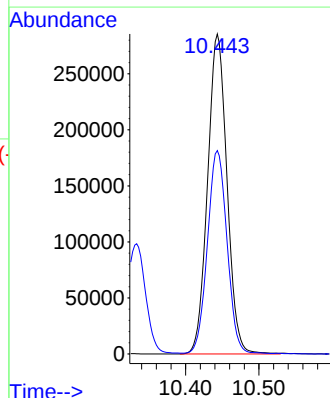
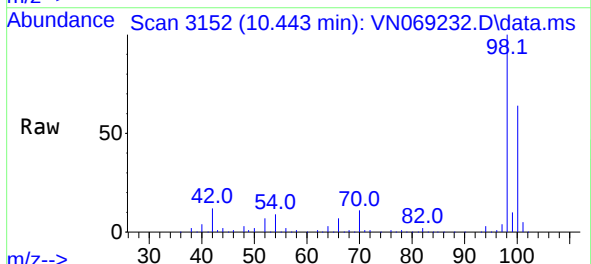
Manual Integrations
APPROVED

MMDadoda
10/29/2021 6:31:17 PM



#50
Toluene-d8
Concen: 55.503 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 98 Resp: 524824
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3





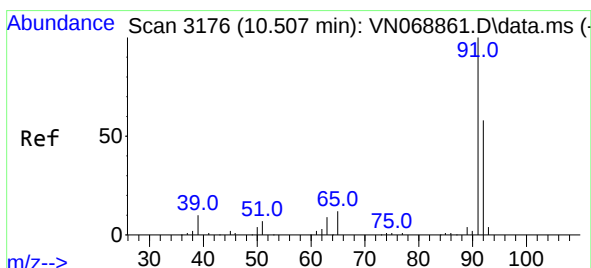
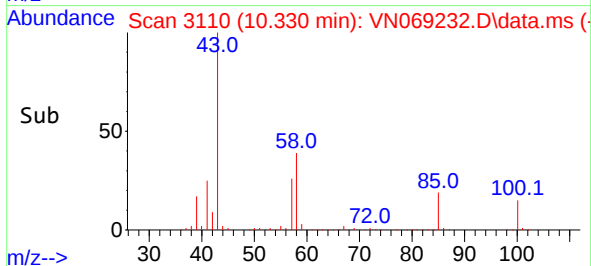
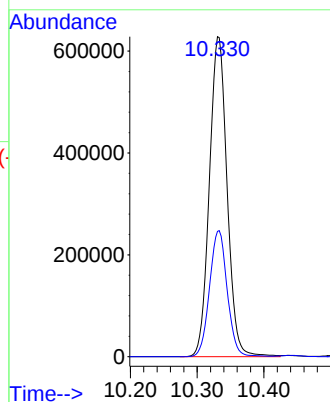
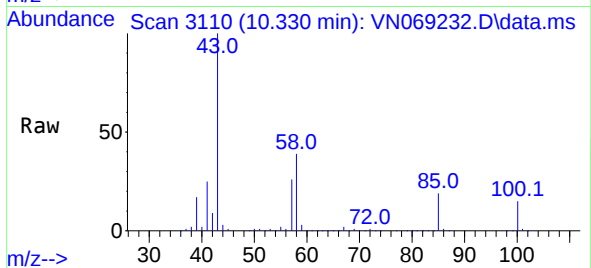
#51
4-Methyl-2-Pentanone
Concen: 315.795 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 43 Resp: 1157687
Ion Ratio Lower Upper
43 100
58 39.3 31.0 46.4

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

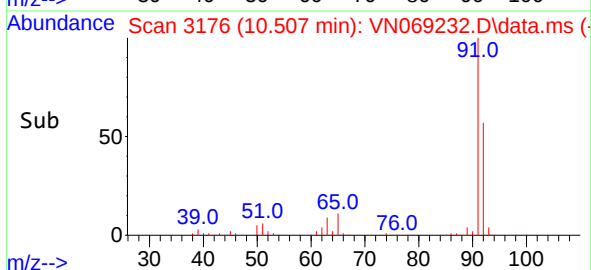
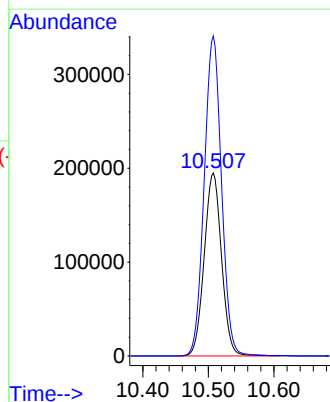
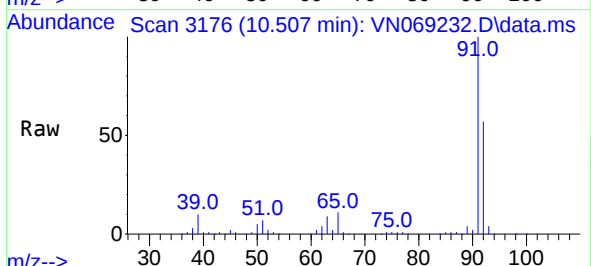
Manual Integrations
APPROVED

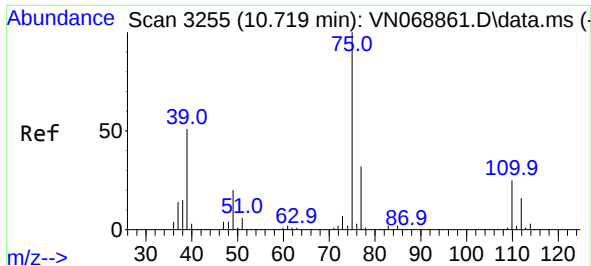
MMDadoda
10/29/2021 6:31:17 PM



#52
Toluene
Concen: 52.559 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 92 Resp: 357251
Ion Ratio Lower Upper
92 100
91 174.7 138.5 207.7





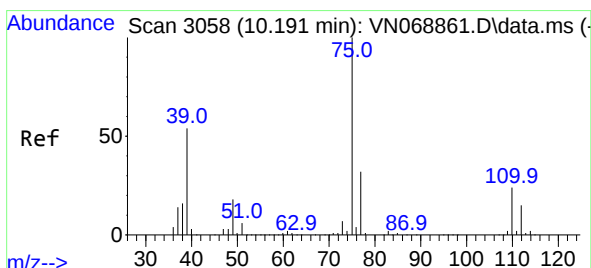
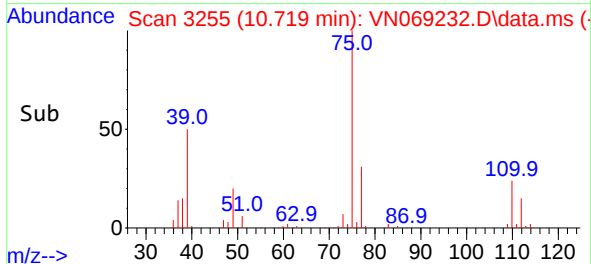
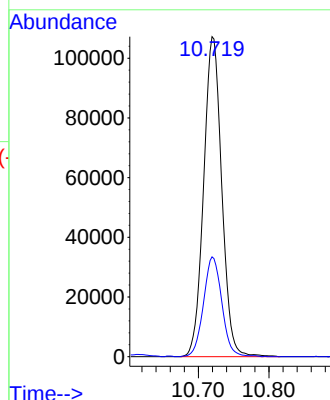
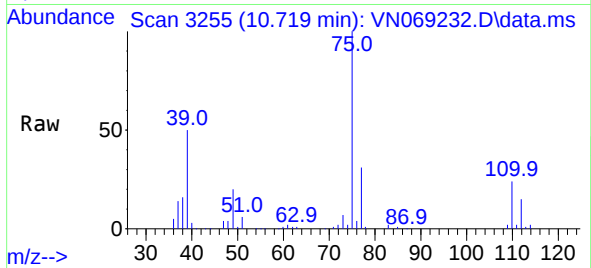
#53
t-1,3-Dichloropropene
Concen: 43.508 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 75 Resp: 191115
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

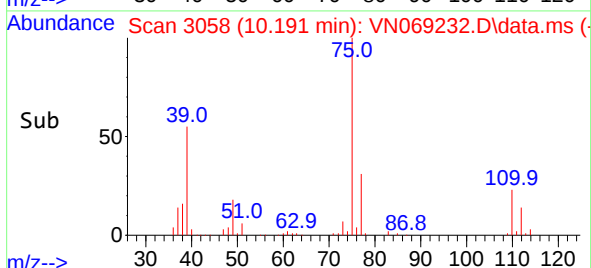
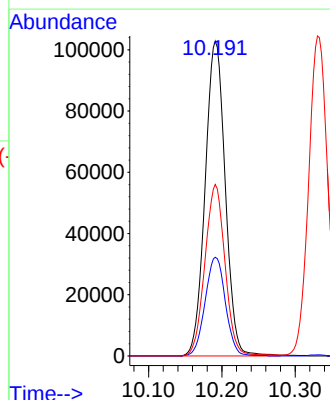
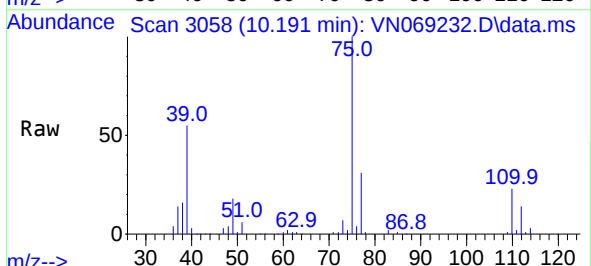
Manual Integrations
APPROVED

MMDadoda
10/29/2021 6:31:17 PM



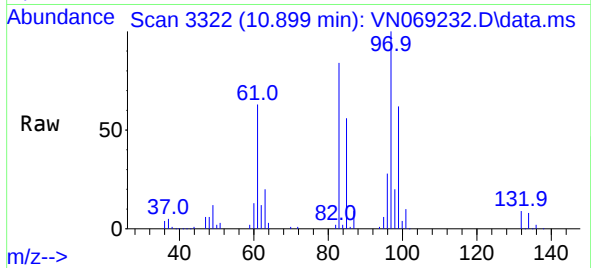
#54
cis-1,3-Dichloropropene
Concen: 42.920 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 75 Resp: 196158
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 54.5 42.9 64.3



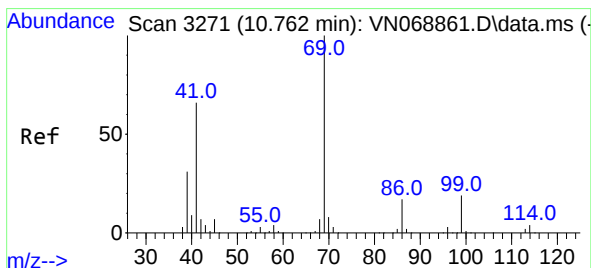
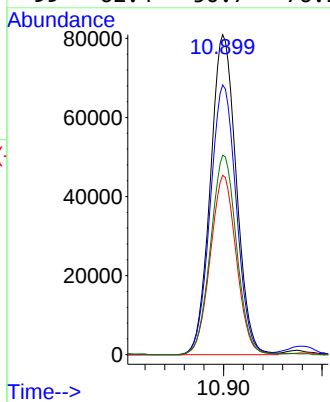
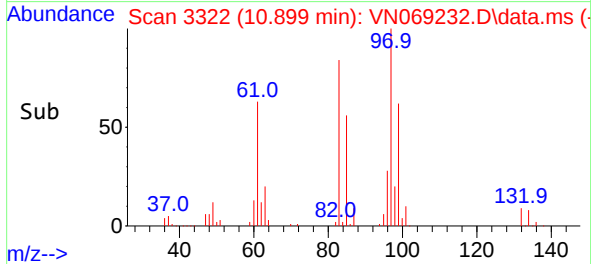


#55
1,1,2-Trichloroethane
Concen: 55.314 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

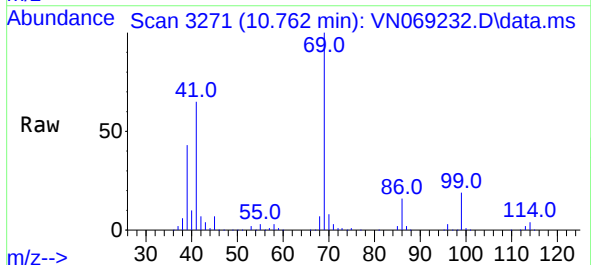


Tgt Ion: 97 Resp: 148233

Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.5	105.7
85	56.1	45.3	67.9
99	62.4	50.7	76.1

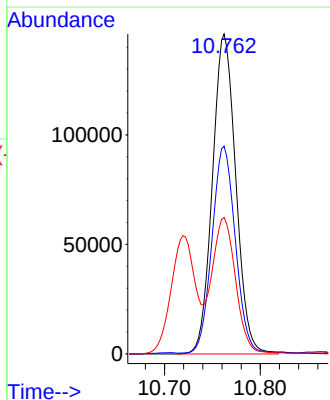
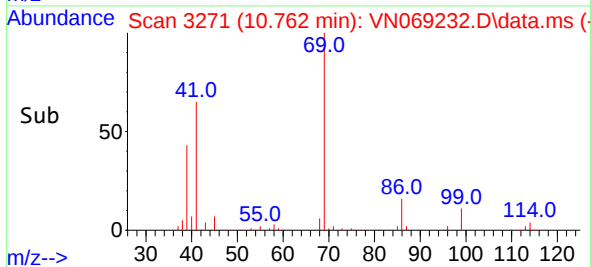


#56
Ethyl methacrylate
Concen: 54.966 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



Tgt Ion: 69 Resp: 247321

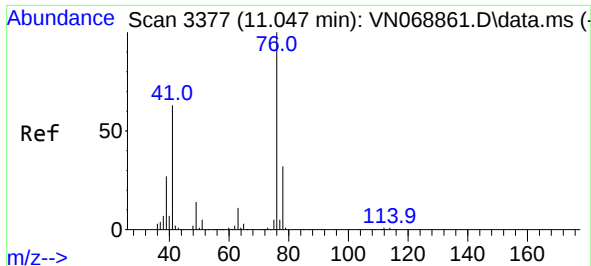
Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.3	79.9
39	42.6	33.3	49.9



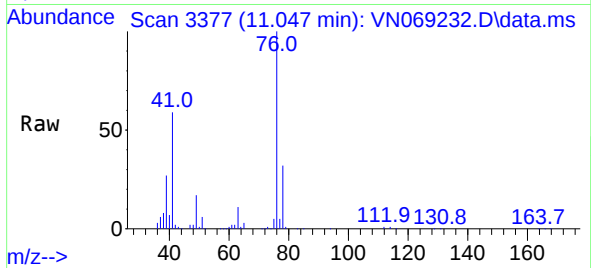
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

Manual Integrations
APPROVED

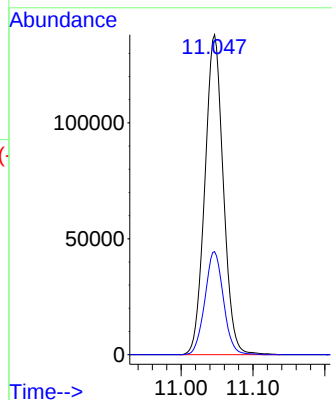
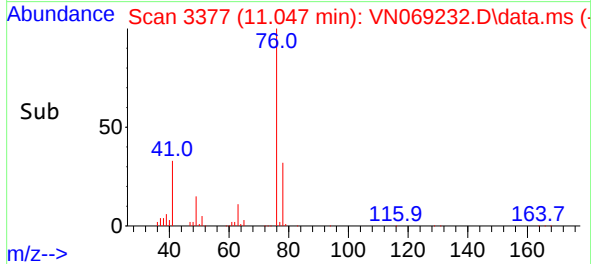
MMDadoda
10/29/2021 6:31:17 PM



#57
1,3-Dichloropropane
Concen: 55.828 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



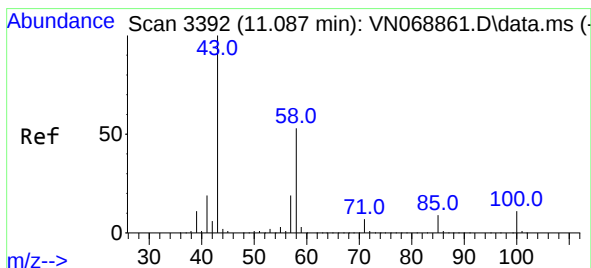
Tgt Ion: 76 Resp: 246698
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8



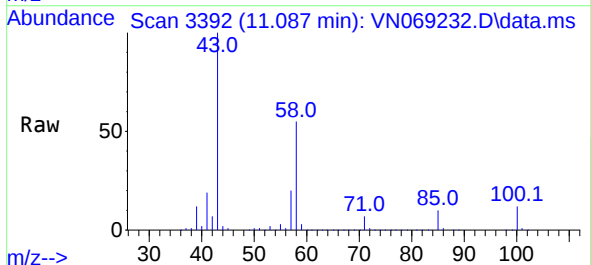
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

Manual Integrations
APPROVED

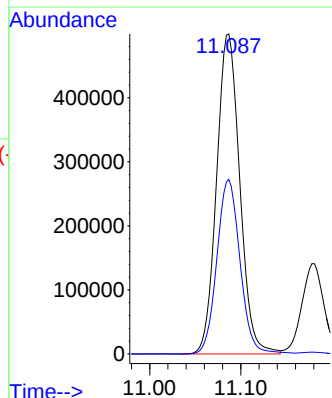
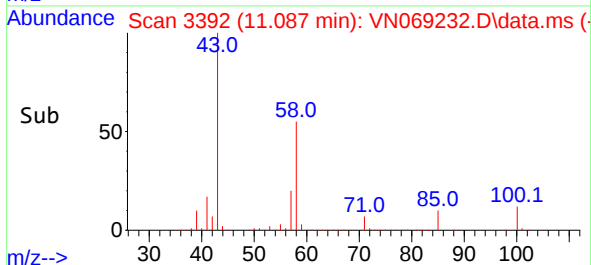
MMDadoda
10/29/2021 6:31:17 PM

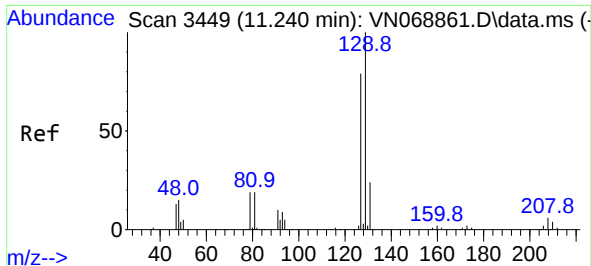


#59
2-Hexanone
Concen: 336.171 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



Tgt Ion: 43 Resp: 883781
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.7





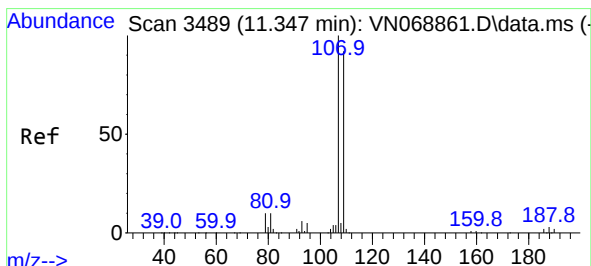
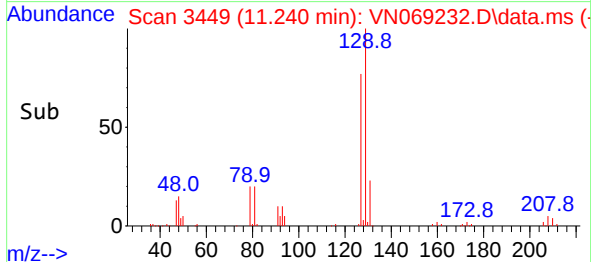
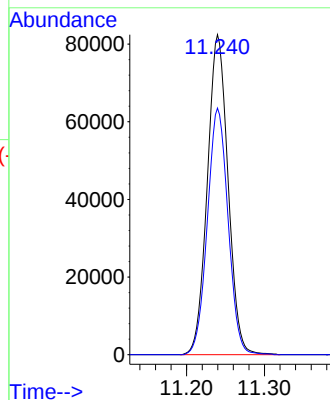
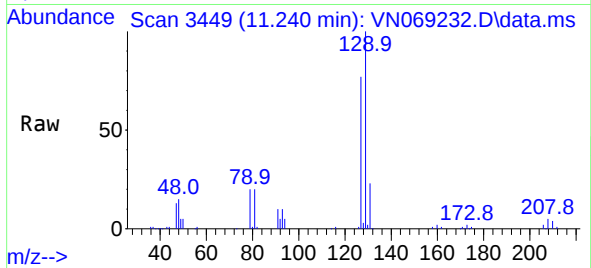
#60
Dibromochloromethane
Concen: 50.377 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:129 Resp: 152385
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

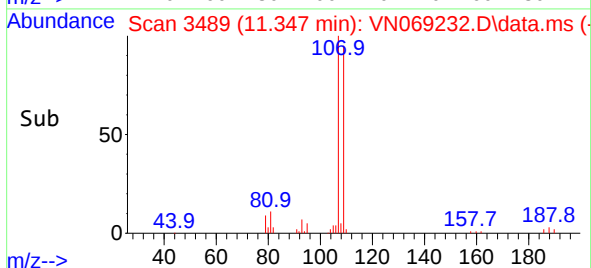
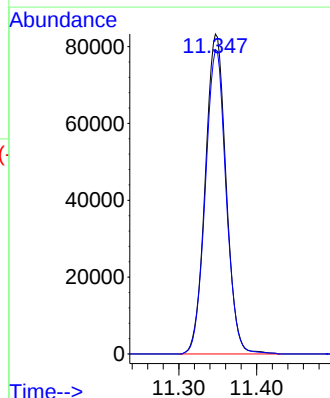
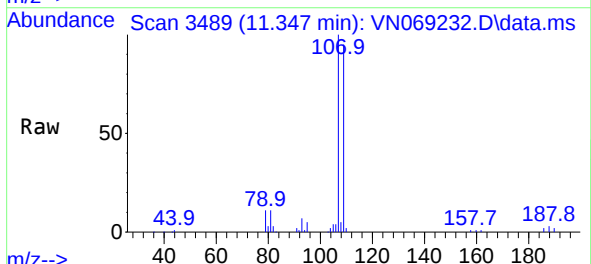
Manual Integrations
APPROVED

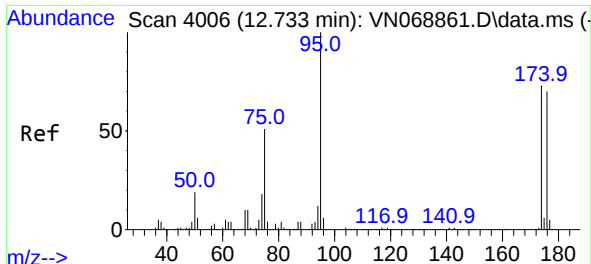
MMDadoda
10/29/2021 6:31:17 PM



#61
1,2-Dibromoethane
Concen: 56.262 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:107 Resp: 154651
Ion Ratio Lower Upper
107 100
109 94.9 74.7 112.1





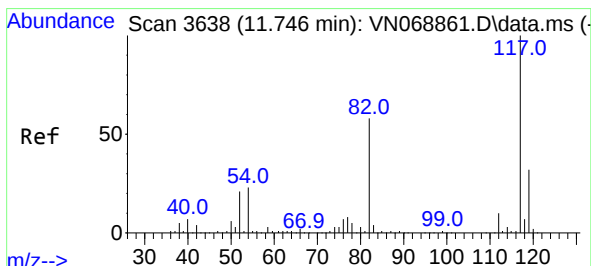
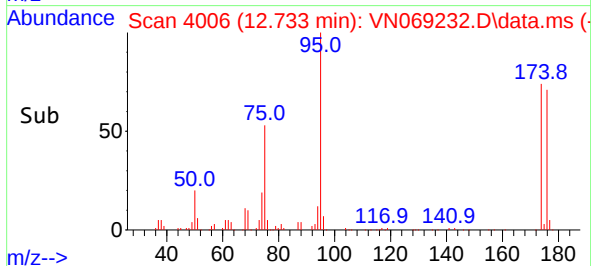
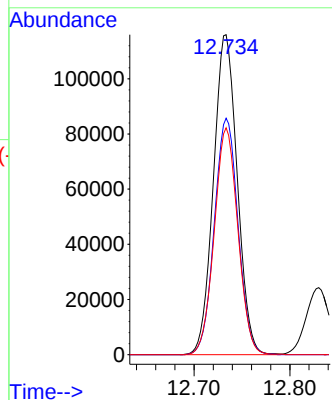
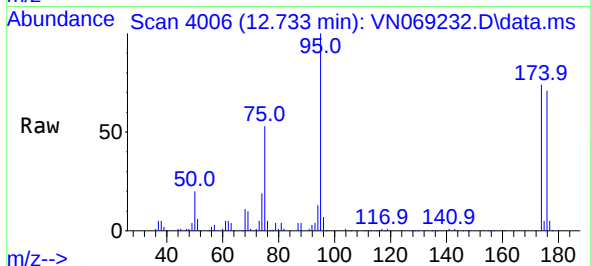
#62
4-Bromofluorobenzene
Concen: 56.117 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 95 Resp: 200198
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.8
176 70.2 0.0 140.0

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

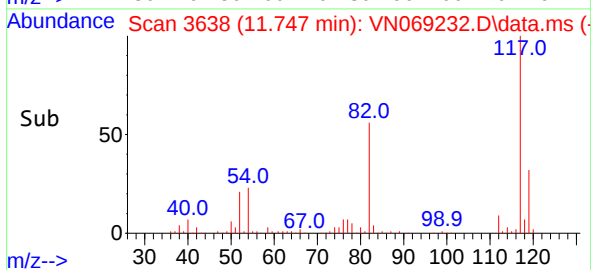
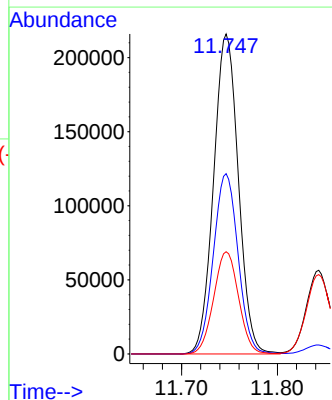
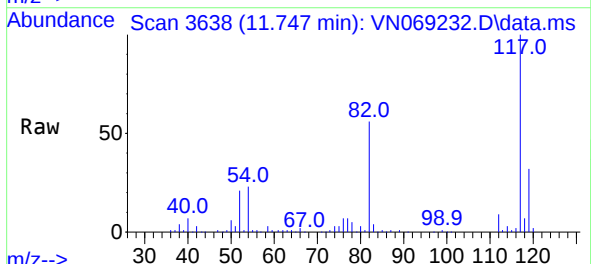
Manual Integrations
APPROVED

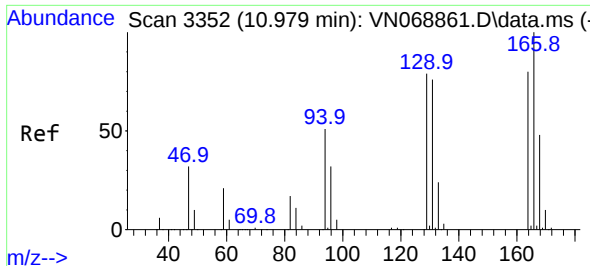
MMDadoda
10/29/2021 6:31:17 PM



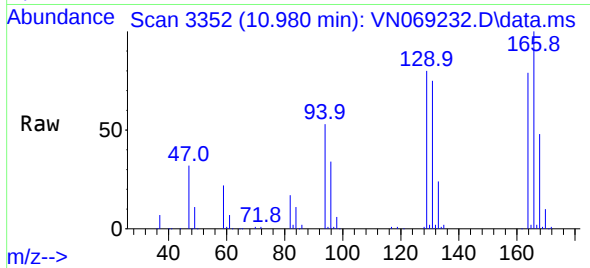
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 117 Resp: 387033
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 32.0 26.0 39.0

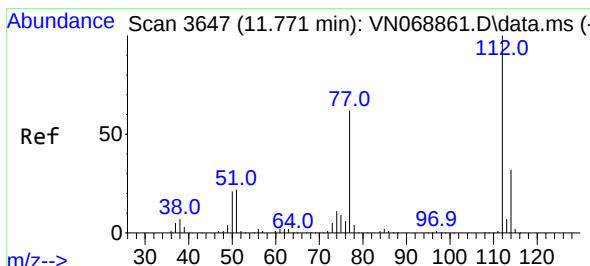
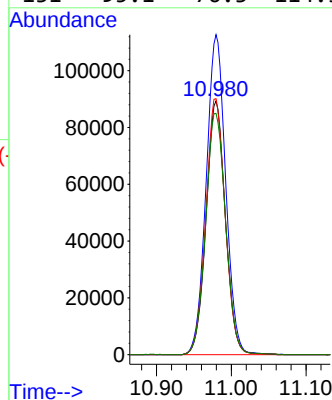
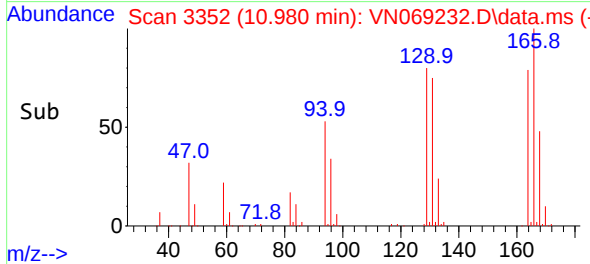




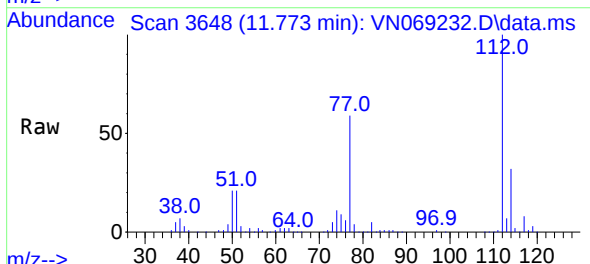
#64
Tetrachloroethene
Concen: 64.298 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



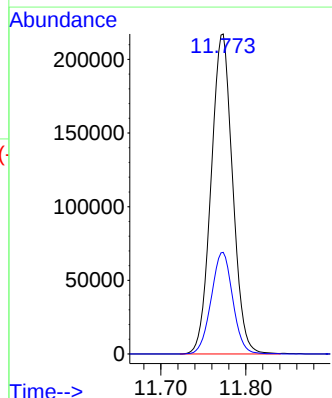
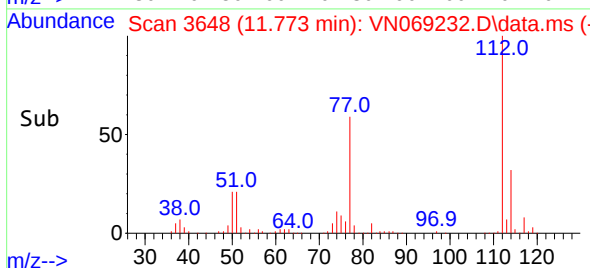
Tgt Ion:164 Resp: 160310
Ion Ratio Lower Upper
164 100
166 126.2 99.8 149.8
129 100.9 79.2 118.8
131 95.1 76.3 114.5



#65
Chlorobenzene
Concen: 52.128 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



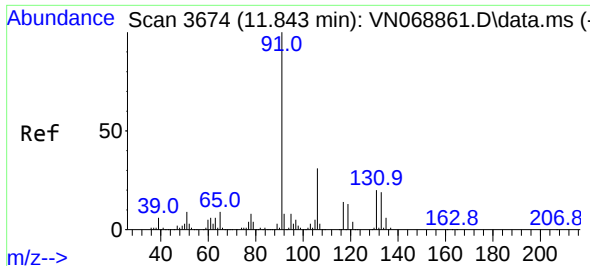
Tgt Ion:112 Resp: 381775
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

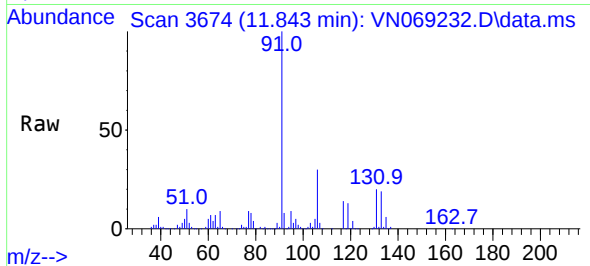
Manual Integrations
APPROVED

MMDadoda
10/29/2021 6:31:17 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.683 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

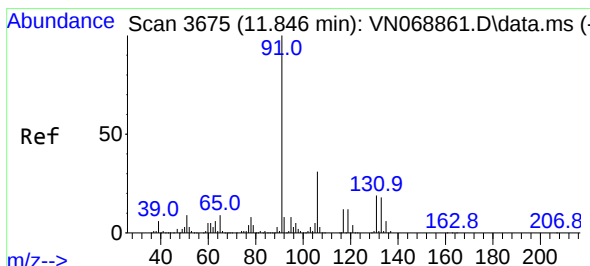
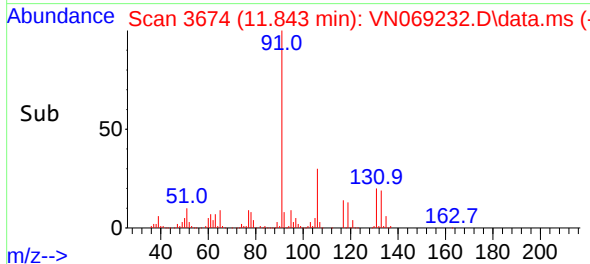
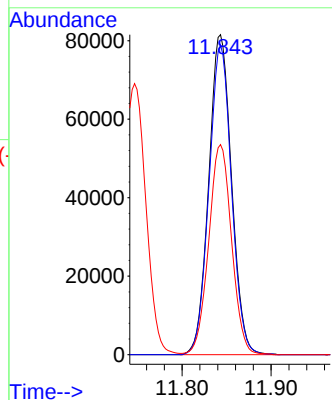
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD



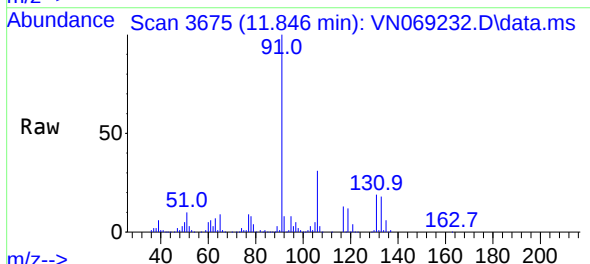
Tgt Ion:131 Resp: 145286
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 65.9 33.0 99.0

Manual Integrations
APPROVED

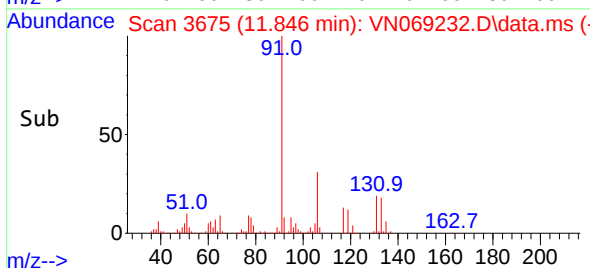
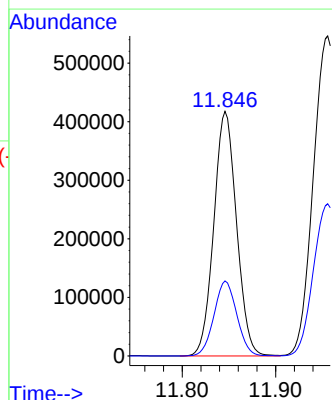
MMDadoda
10/29/2021 6:31:17 PM

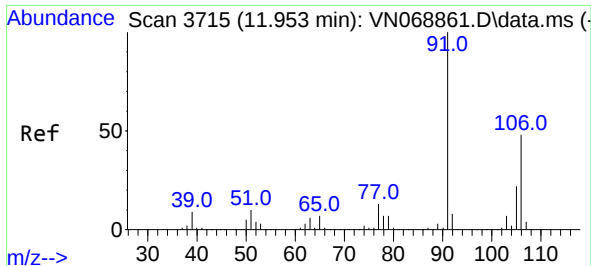


#67
Ethyl Benzene
Concen: 51.895 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



Tgt Ion: 91 Resp: 705996
Ion Ratio Lower Upper
91 100
106 30.7 24.8 37.2





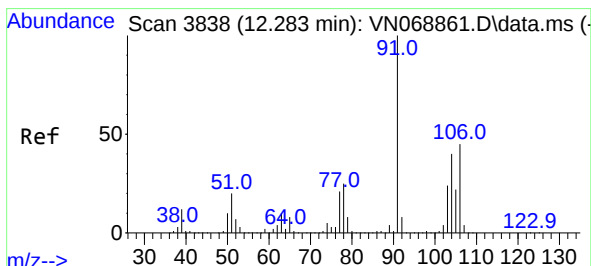
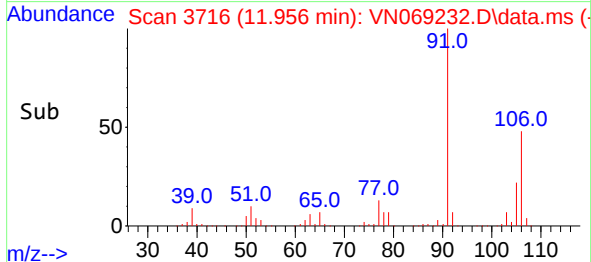
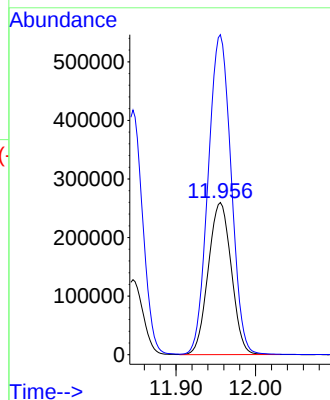
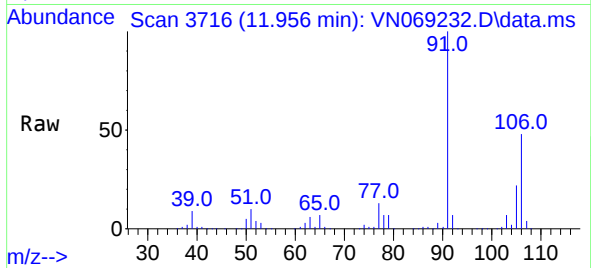
#68
m/p-Xylenes
Concen: 101.419 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:106 Resp: 523033
Ion Ratio Lower Upper
106 100
91 210.1 166.8 250.2

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

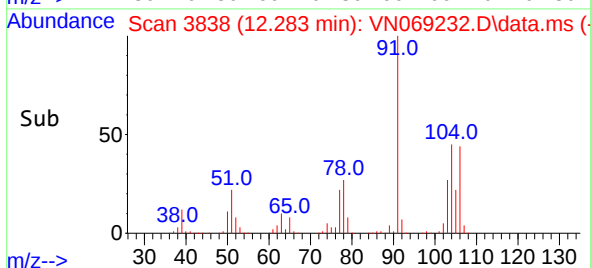
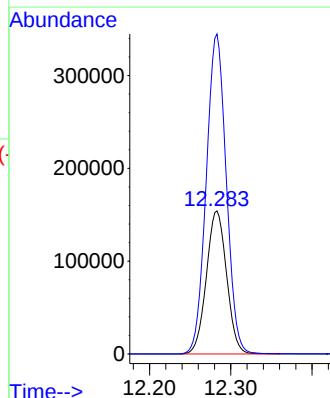
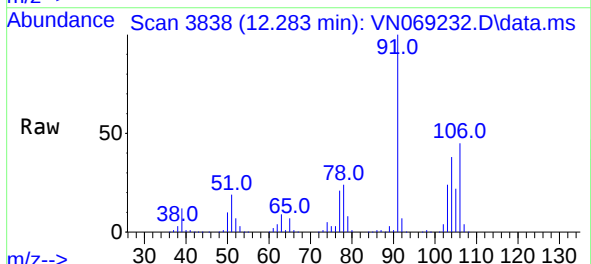
Manual Integrations
APPROVED

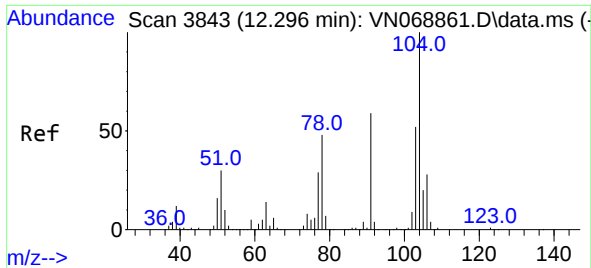
MMDadoda
10/29/2021 6:31:17 PM



#69
o-Xylene
Concen: 51.640 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:106 Resp: 266568
Ion Ratio Lower Upper
106 100
91 221.2 109.6 328.6





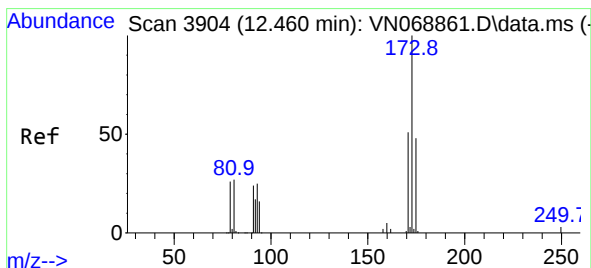
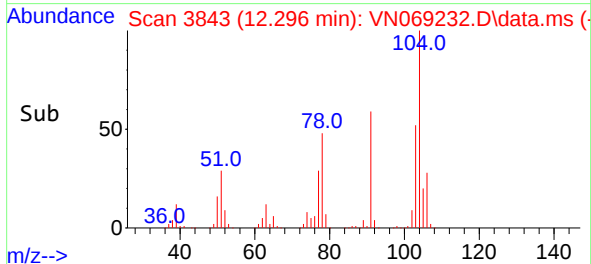
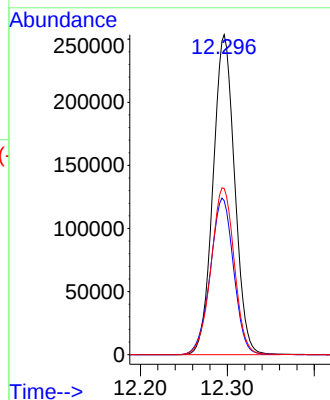
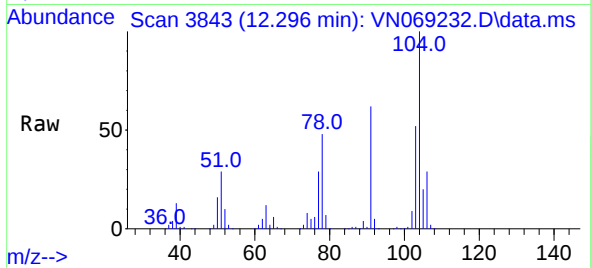
#70
Styrene
Concen: 52.137 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:	104	Resp:	438104
Ion Ratio	Lower	Upper	
104	100		
78	52.8	42.2	63.4
103	56.1	44.4	66.6

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

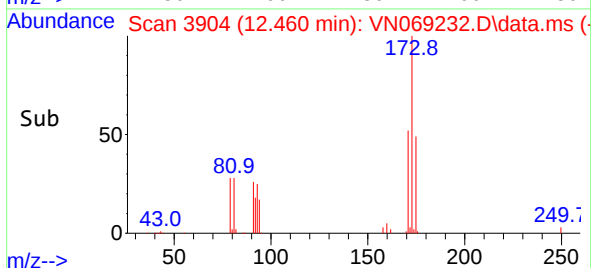
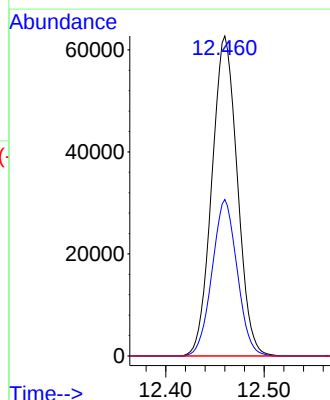
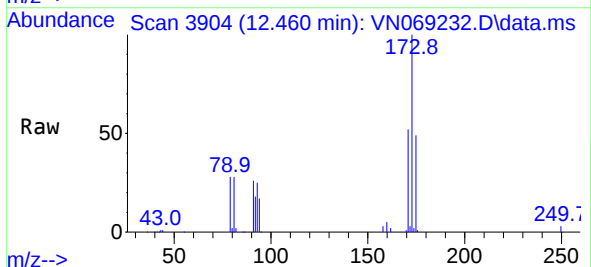
Manual Integrations
APPROVED

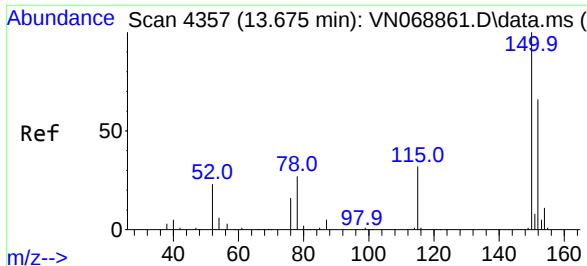
MMDadoda
10/29/2021 6:31:17 PM



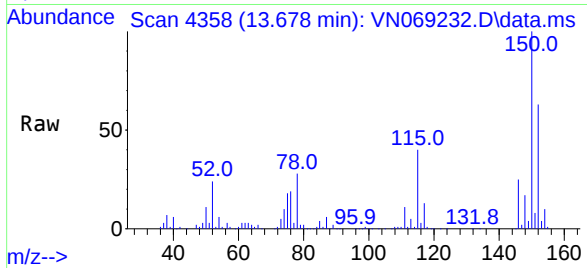
#71
Bromoform
Concen: 49.192 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:	173	Resp:	112960
Ion Ratio	Lower	Upper	
173	100		
175	48.1	23.8	71.5
254	0.0	0.0	0.0

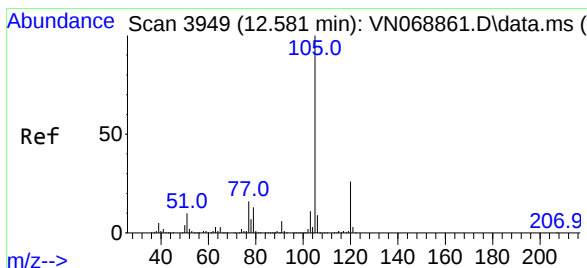
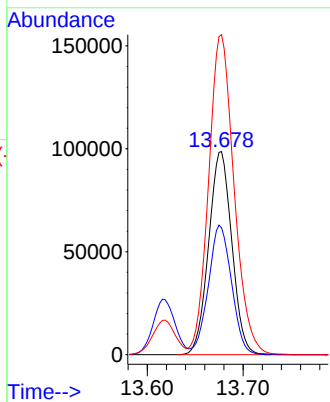
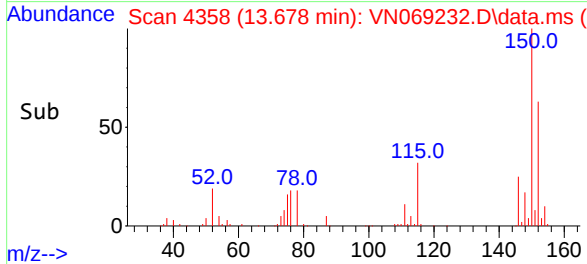




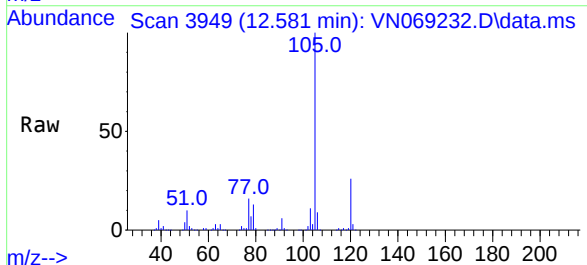
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



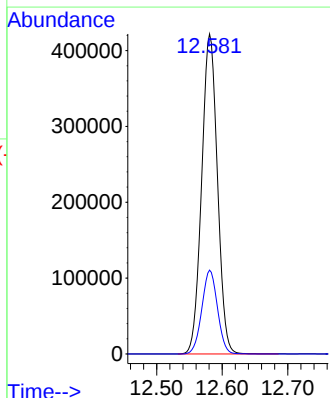
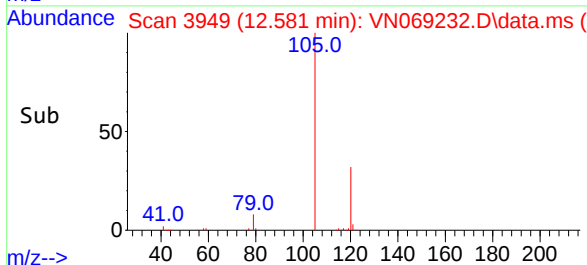
Tgt Ion:152 Resp: 165993
Ion Ratio Lower Upper
152 100
115 63.8 31.4 94.3
150 173.1 0.0 351.0



#73
Isopropylbenzene
Concen: 50.914 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



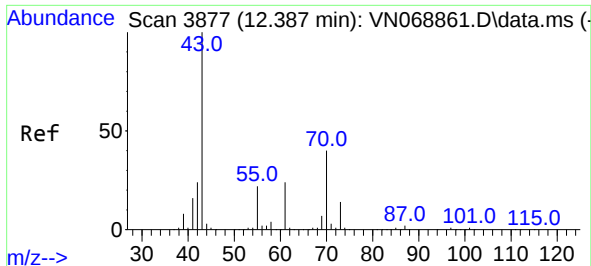
Tgt Ion:105 Resp: 703456
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3



Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

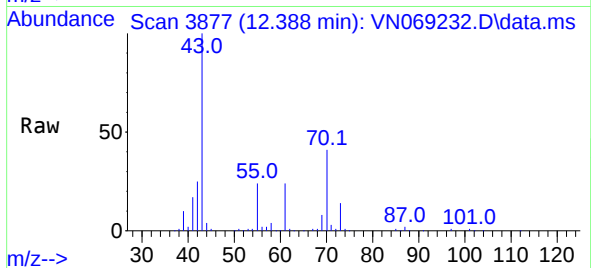
Manual Integrations
APPROVED

MMDadoda
10/29/2021 6:31:17 PM



#74
N-amy1 acetate
Concen: 41.476 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

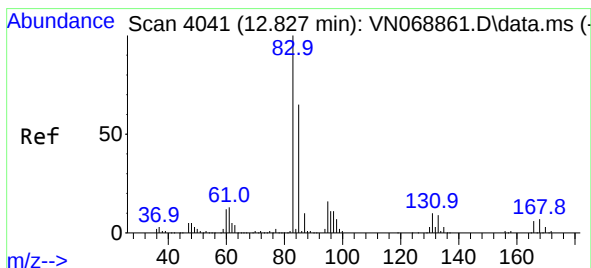
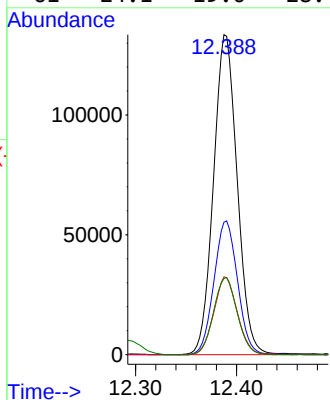
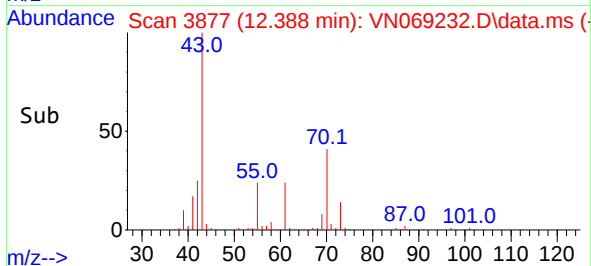
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD



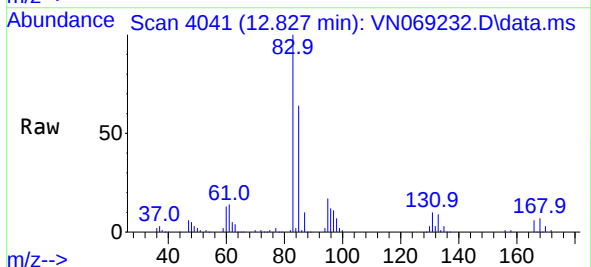
Tgt Ion: 43 Resp: 217104
Ion Ratio Lower Upper
43 100
70 41.8 32.2 48.2
55 24.1 18.0 27.0
61 24.1 19.0 28.4

Manual Integrations
APPROVED

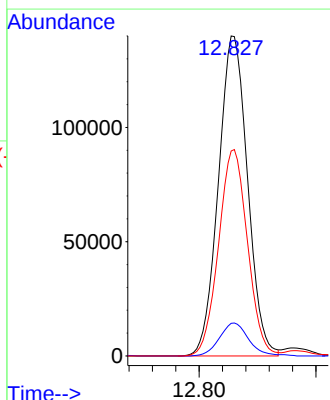
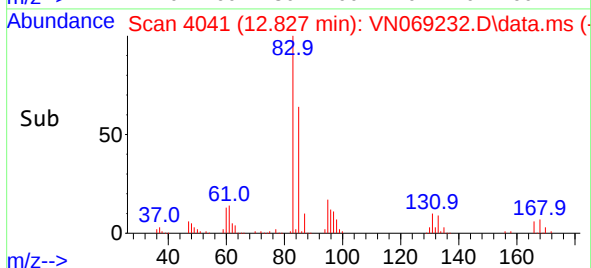
MMDadoda
10/29/2021 6:31:17 PM

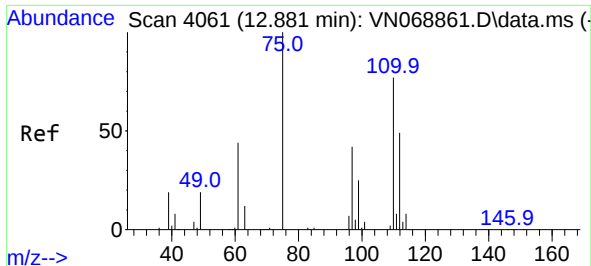


#75
1,1,2,2-Tetrachloroethane
Concen: 60.771 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



Tgt Ion: 83 Resp: 242648
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.2
85 64.1 32.3 96.8





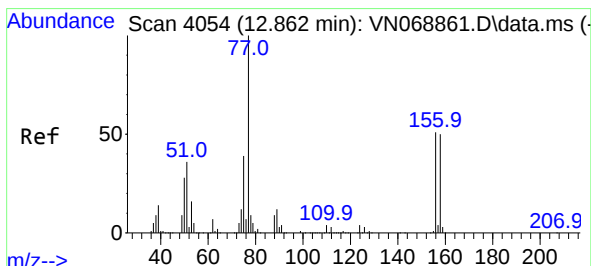
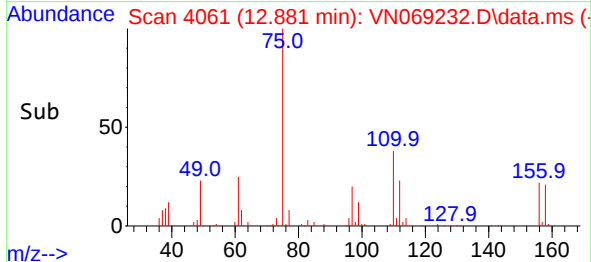
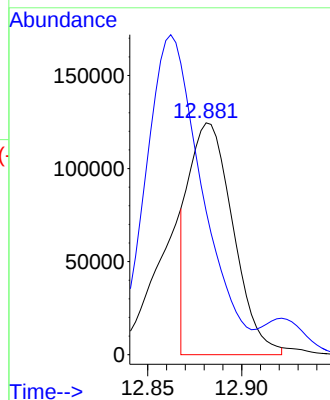
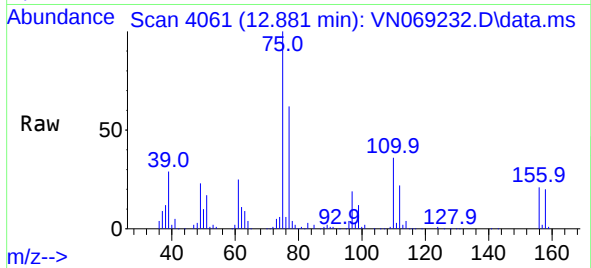
#76
1,2,3-Trichloropropane
Concen: 57.401 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion: 75 Resp: 202731
Ion Ratio Lower Upper
75 100
77 177.5 96.2 288.4

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

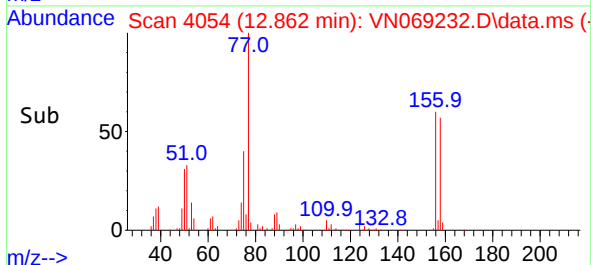
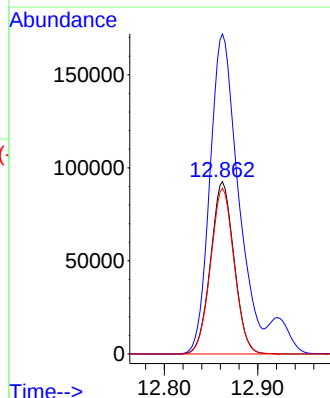
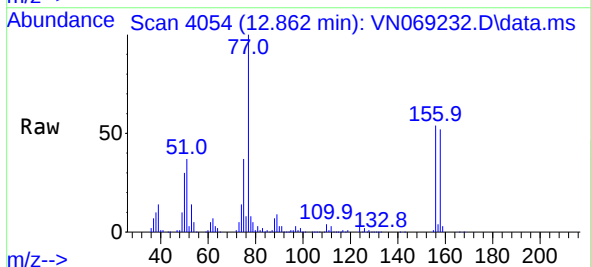
Manual Integrations
APPROVED

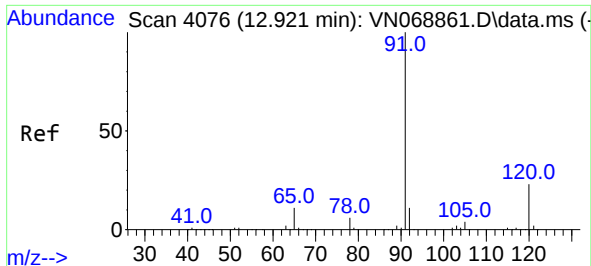
MMDadoda
10/29/2021 6:31:17 PM



#77
Bromobenzene
Concen: 52.960 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

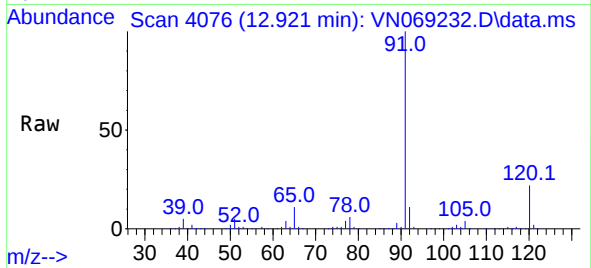
Tgt Ion:156 Resp: 161802
Ion Ratio Lower Upper
156 100
77 222.4 111.8 335.3
158 96.6 48.4 145.0





#78
n-propylbenzene
Concen: 50.099 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

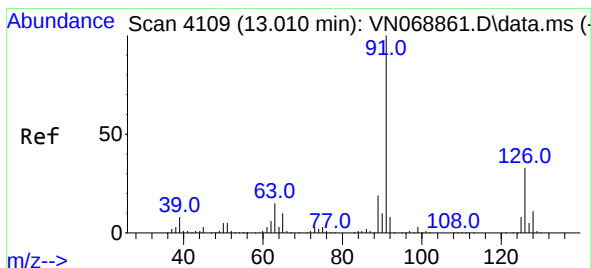
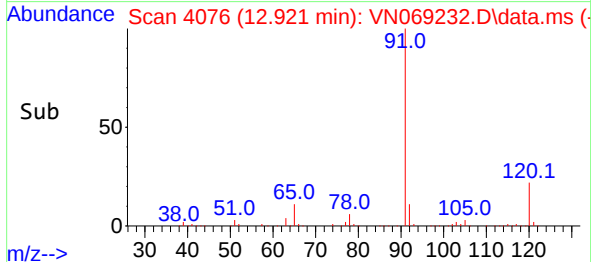
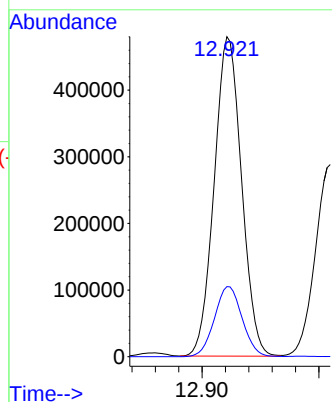
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD



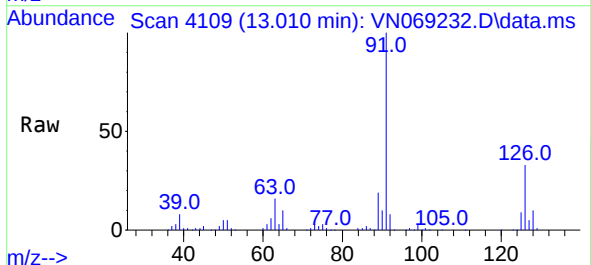
Tgt Ion: 91 Resp: 777873
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.1

Manual Integrations
APPROVED

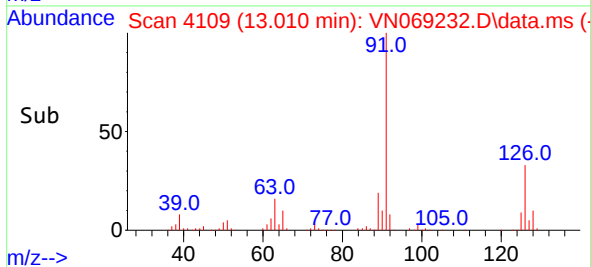
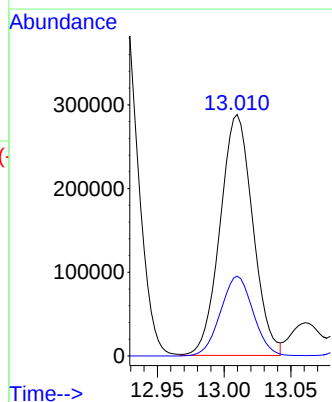
MMDadoda
10/29/2021 6:31:17 PM

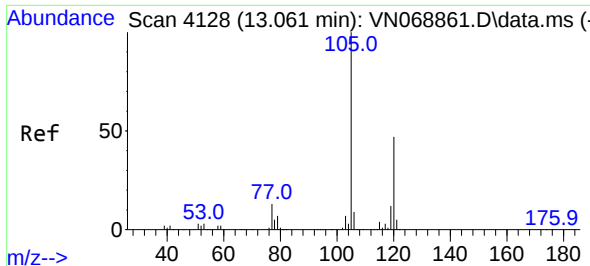


#79
2-Chlorotoluene
Concen: 51.353 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



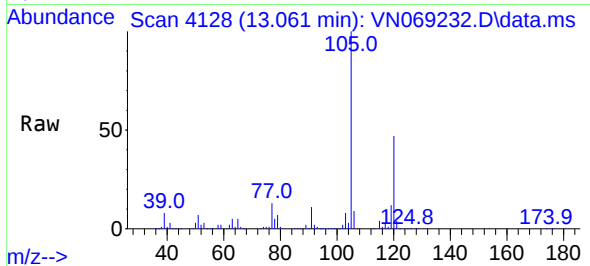
Tgt Ion: 91 Resp: 491459
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4





#80
1,3,5-Trimethylbenzene
Concen: 49.769 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

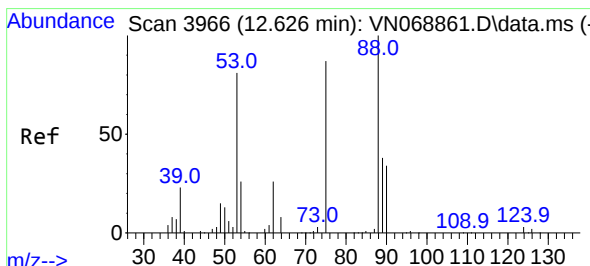
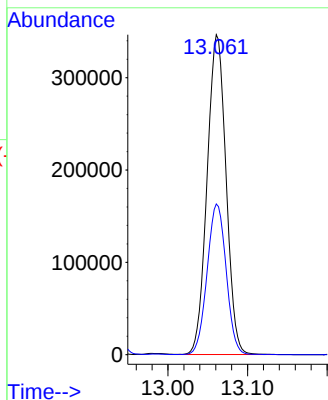
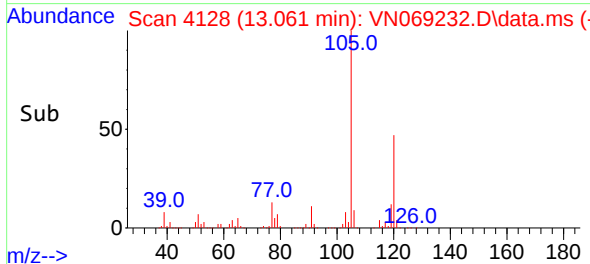
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD



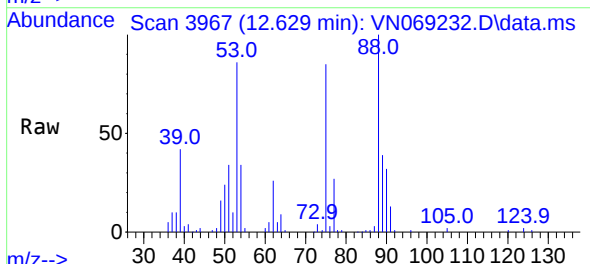
Tgt Ion:105 Resp: 572749
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.2

Manual Integrations
APPROVED

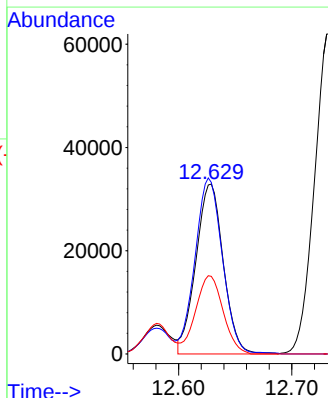
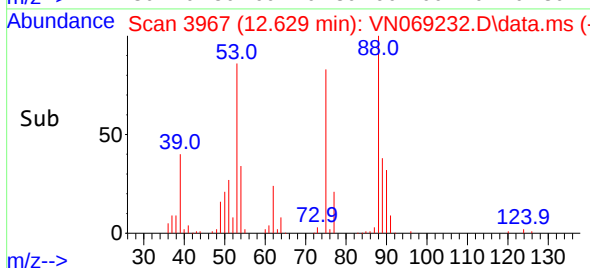
MMDadoda
10/29/2021 6:31:17 PM

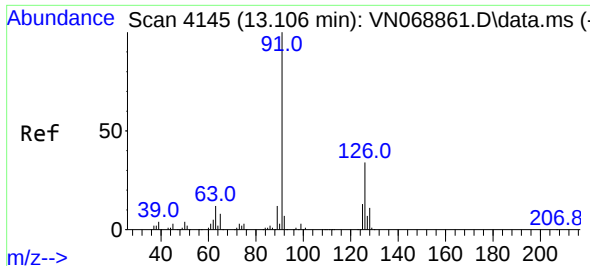


#81
trans-1,4-Dichloro-2-butene
Concen: 37.517 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



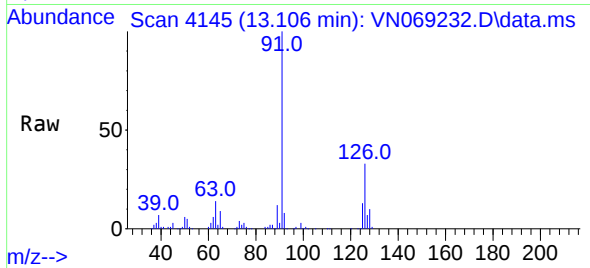
Tgt Ion: 75 Resp: 55384
Ion Ratio Lower Upper
75 100
53 104.2 75.4 113.2
89 46.4 36.9 55.3





#82
4-Chlorotoluene
Concen: 50.923 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

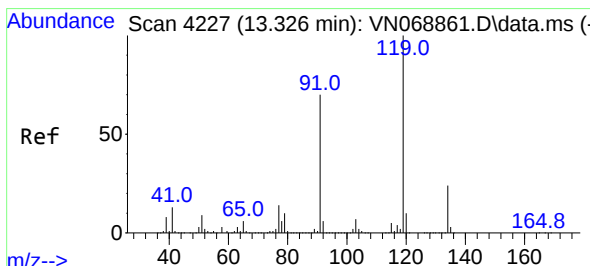
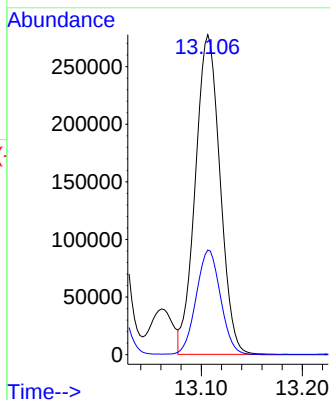
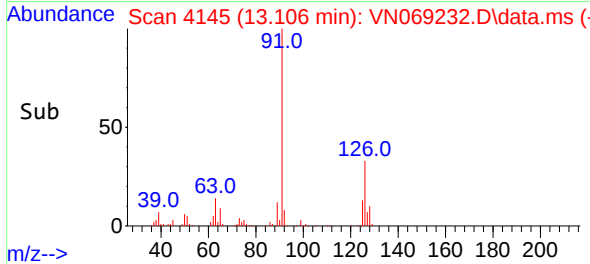
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD



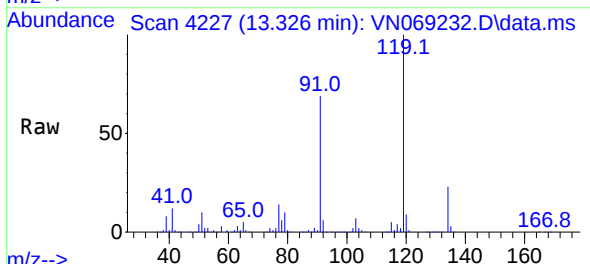
Tgt Ion: 91 Resp: 470933
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

Manual Integrations
APPROVED

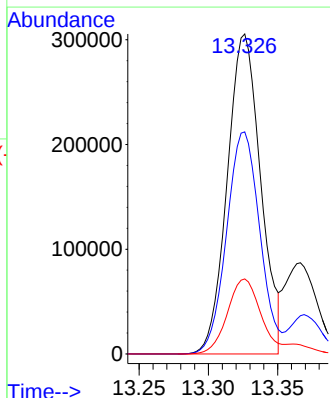
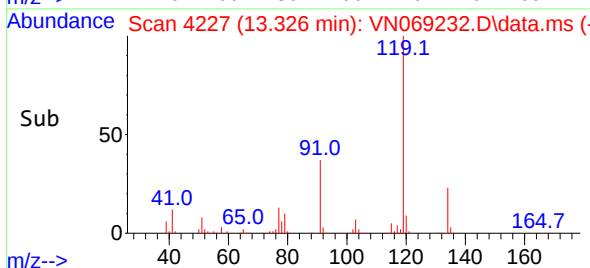
MMDadoda
10/29/2021 6:31:17 PM

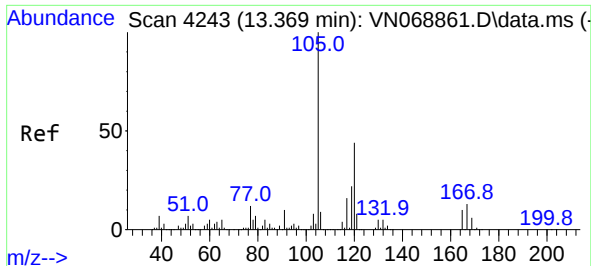


#83
tert-Butylbenzene
Concen: 51.204 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



Tgt Ion: 119 Resp: 512956
Ion Ratio Lower Upper
119 100
91 69.3 34.6 103.9
134 23.7 12.6 37.6





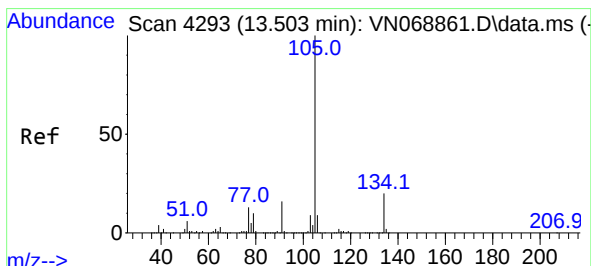
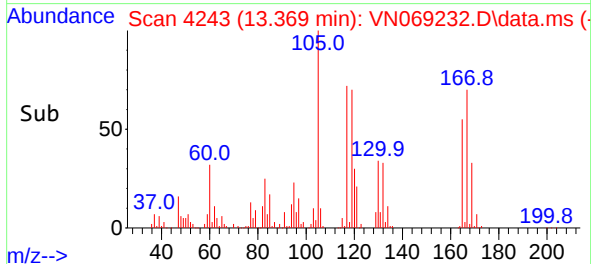
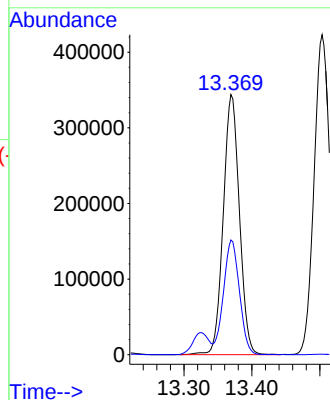
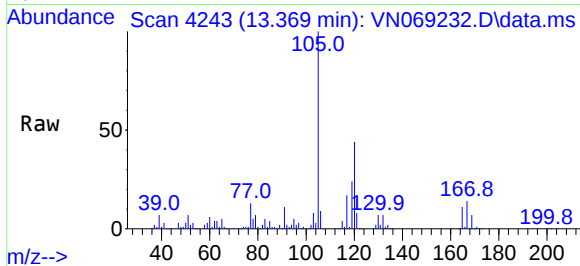
#84
1,2,4-Trimethylbenzene
Concen: 51.255 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:105 Resp: 568326
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.5

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

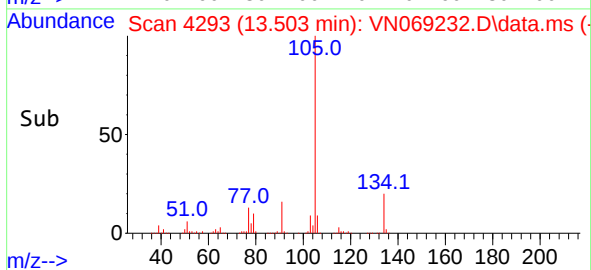
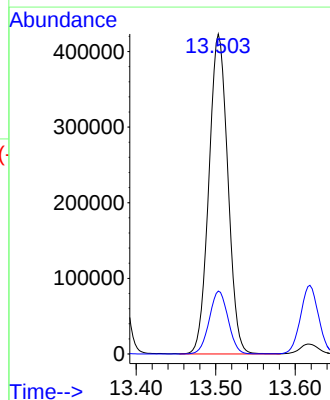
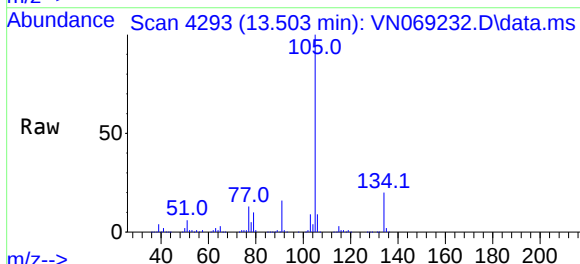
Manual Integrations
APPROVED

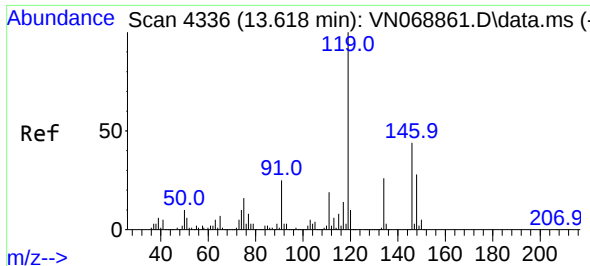
MMDadoda
10/29/2021 6:31:17 PM



#85
sec-Butylbenzene
Concen: 50.413 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

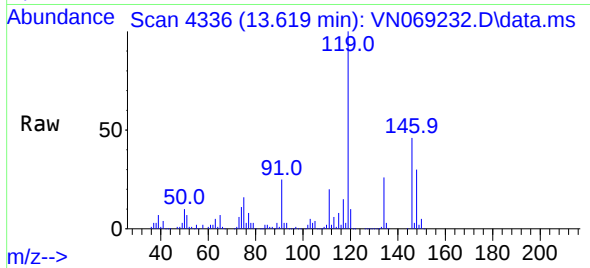
Tgt Ion:105 Resp: 699438
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.4





#86
p-Isopropyltoluene
Concen: 49.965 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

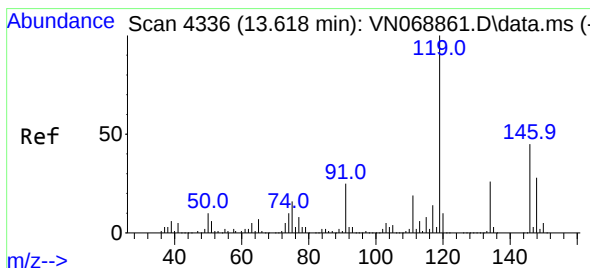
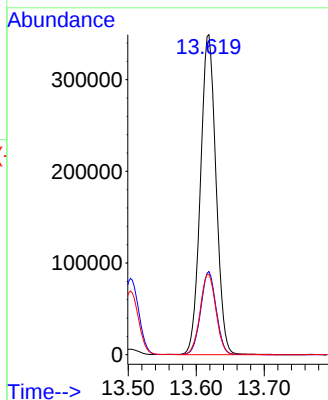
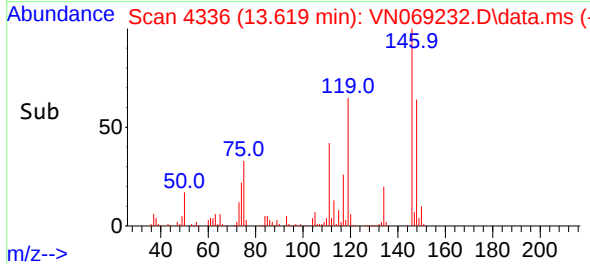
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD



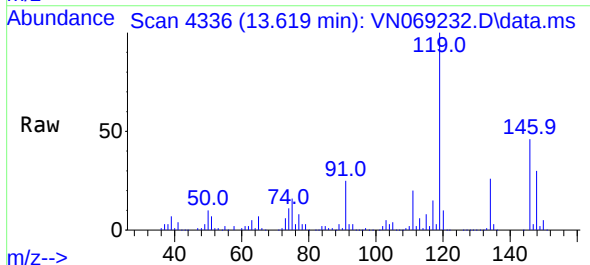
Tgt Ion:119 Resp: 556032
Ion Ratio Lower Upper
119 100
134 25.7 12.9 38.6
91 25.4 12.8 38.4

Manual Integrations
APPROVED

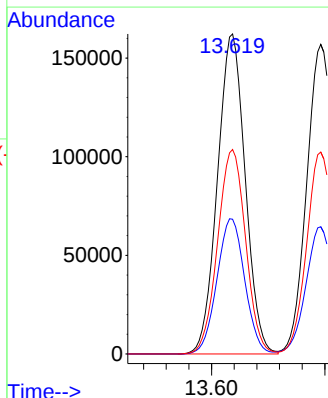
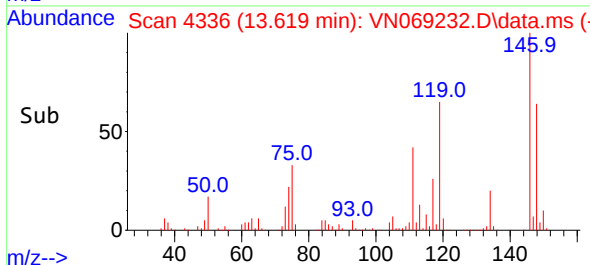
MMDadoda
10/29/2021 6:31:17 PM

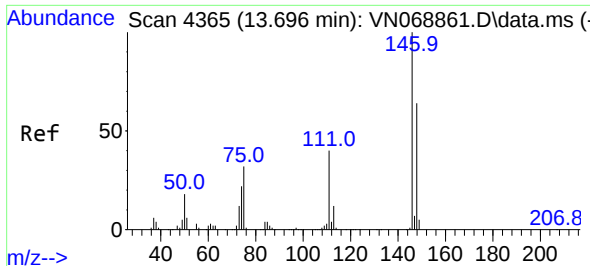


#87
1,3-Dichlorobenzene
Concen: 52.243 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



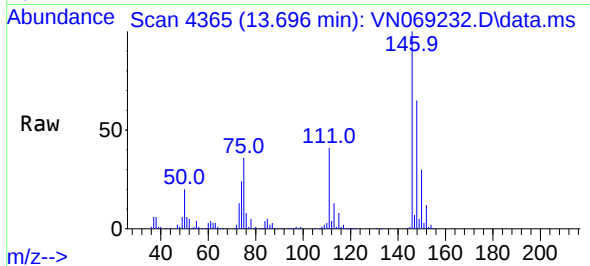
Tgt Ion:146 Resp: 276086
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 64.5 32.0 96.2





#88
1,4-Dichlorobenzene
Concen: 50.888 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

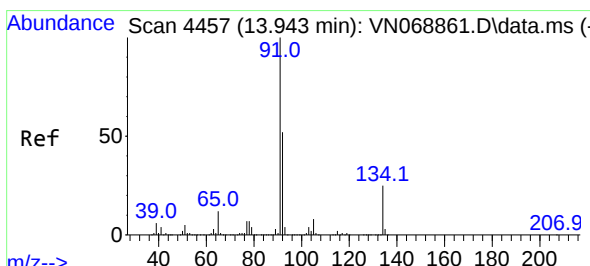
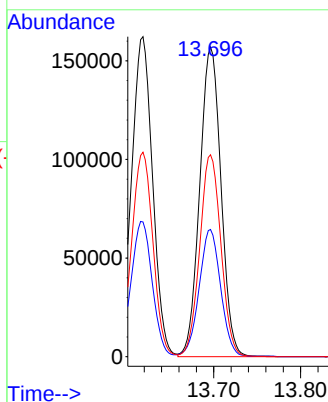
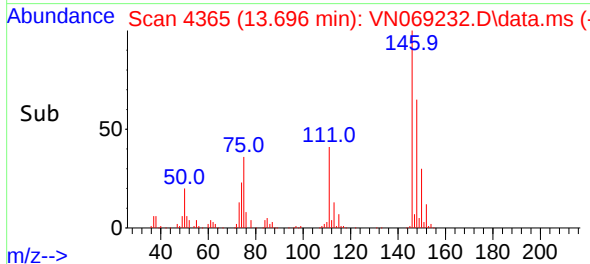
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD



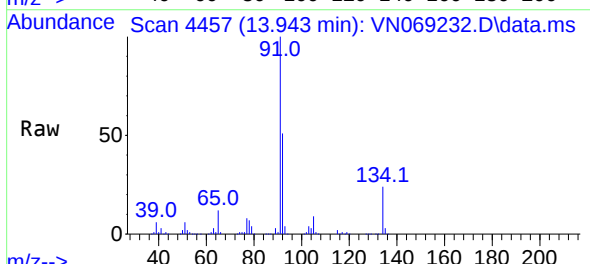
Tgt Ion:146 Resp: 266906
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 65.2 32.1 96.5

Manual Integrations
APPROVED

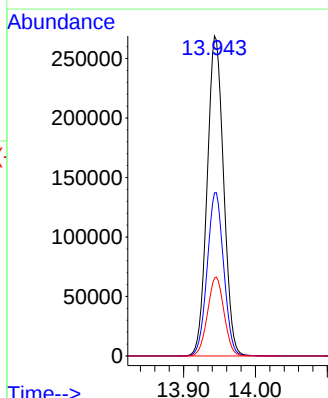
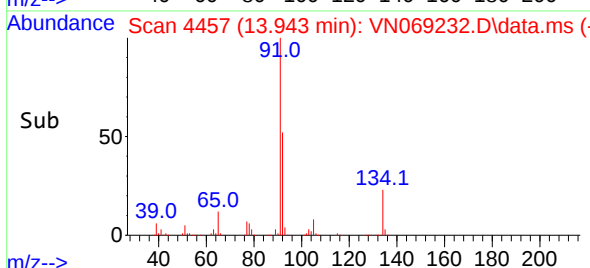
MMDadoda
10/29/2021 6:31:17 PM

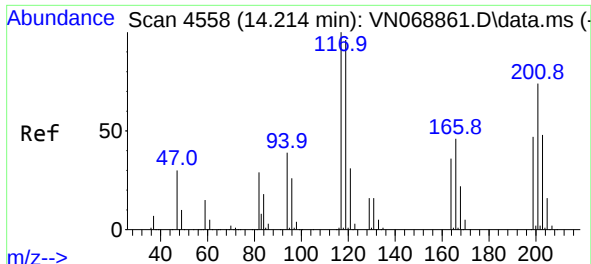


#89
n-Butylbenzene
Concen: 46.169 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



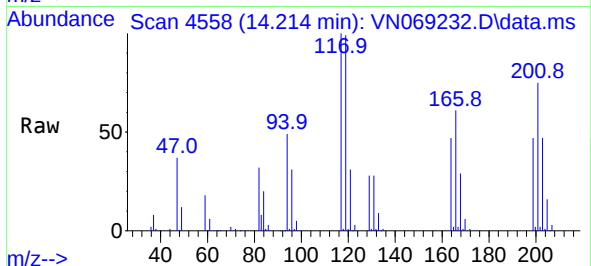
Tgt Ion: 91 Resp: 427729
Ion Ratio Lower Upper
91 100
92 51.2 26.0 78.0
134 24.8 12.5 37.5





#90
Hexachloroethane
Concen: 45.071 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

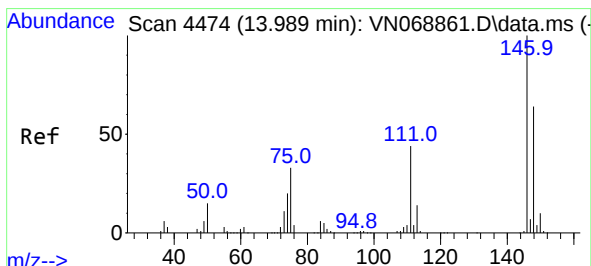
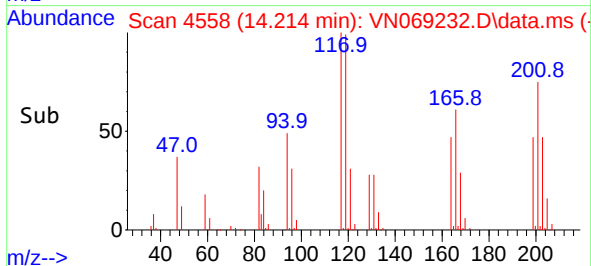
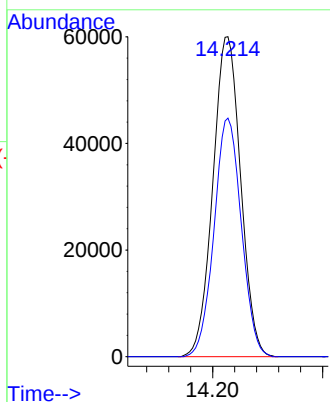
Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD



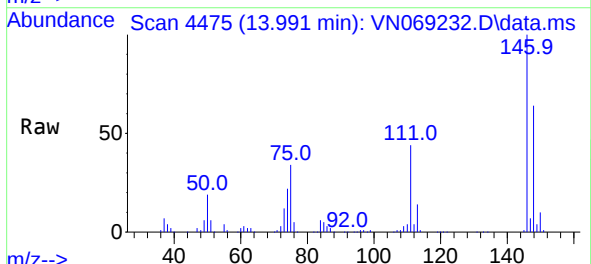
Tgt Ion:117 Resp: 105361
Ion Ratio Lower Upper
117 100
201 73.1 37.1 111.5

Manual Integrations
APPROVED

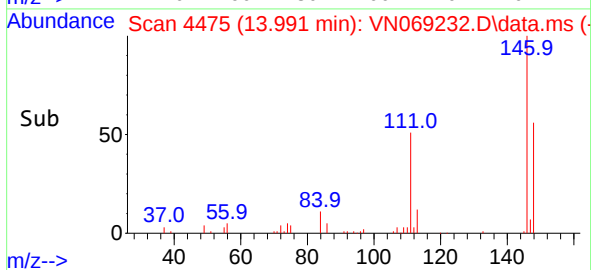
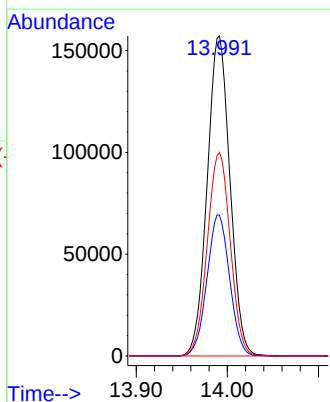
MMDadoda
10/29/2021 6:31:17 PM

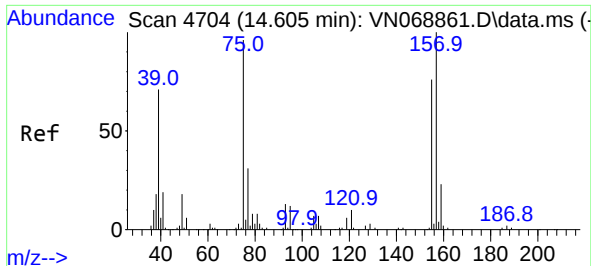


#91
1,2-Dichlorobenzene
Concen: 53.077 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58



Tgt Ion:146 Resp: 272475
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 64.4 32.1 96.5





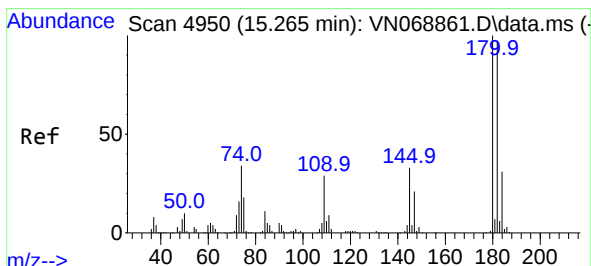
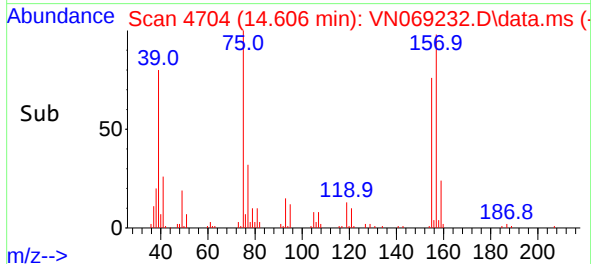
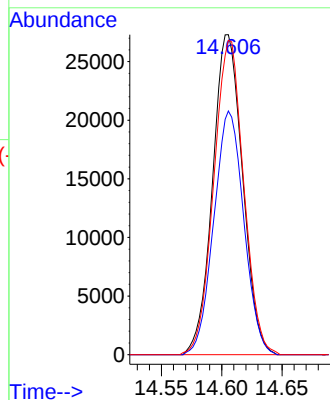
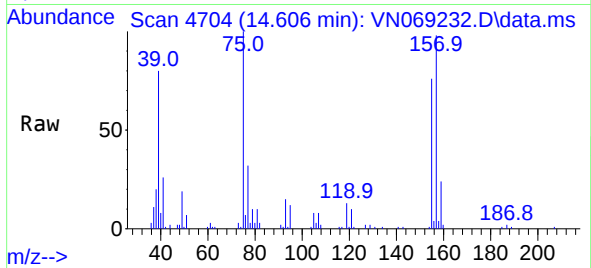
#92
1,2-Dibromo-3-Chloropropane
Concen: 61.293 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:	75	Resp:	47185
Ion Ratio	Lower	Upper	
75	100		
155	76.2	38.8	116.4
157	97.9	50.2	150.6

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

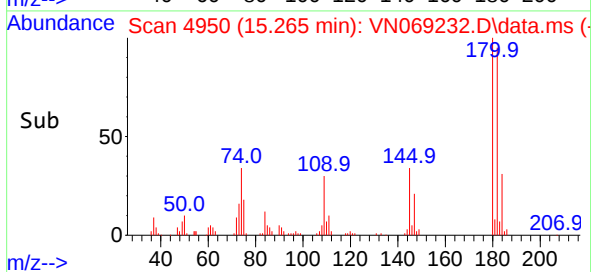
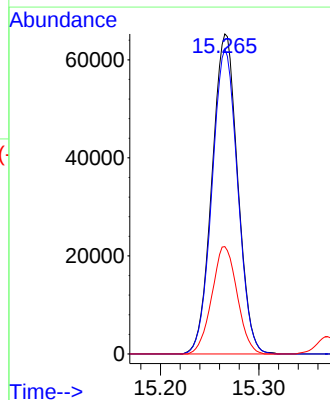
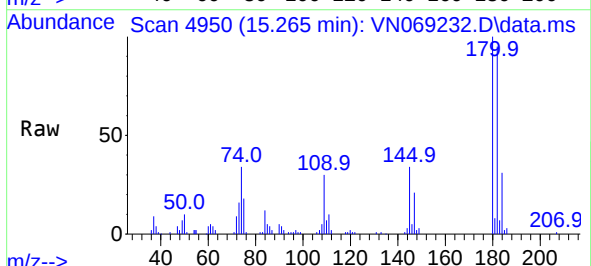
Manual Integrations
APPROVED

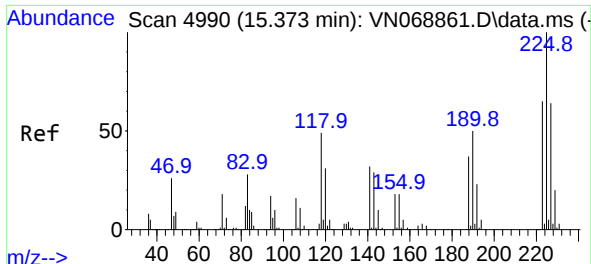
MMDadoda
10/29/2021 6:31:17 PM



#93
1,2,4-Trichlorobenzene
Concen: 42.801 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:	180	Resp:	118224
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.9	143.7
145	33.2	16.4	49.2





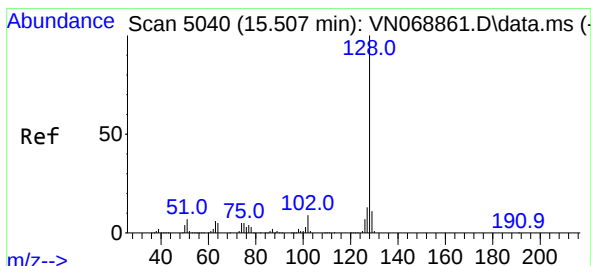
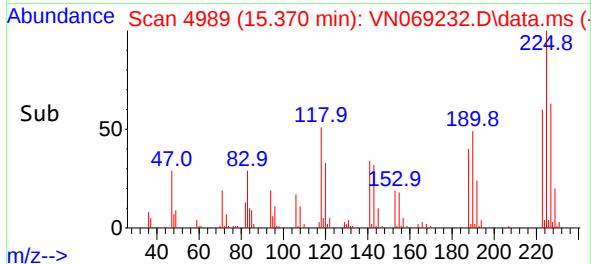
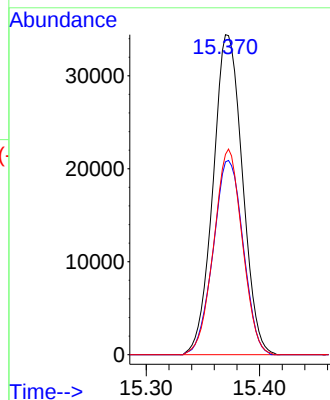
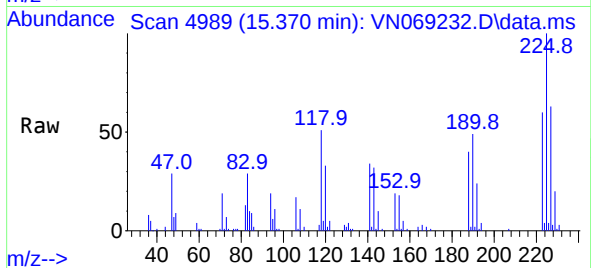
#94
Hexachlorobutadiene
Concen: 42.351 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:225 Resp: 61906
Ion Ratio Lower Upper
225 100
223 61.9 31.5 94.5
227 62.5 31.6 94.7

Instrument :
MSVOA_N
ClientSampleId :
MW-1D(OFFSITE)MSD

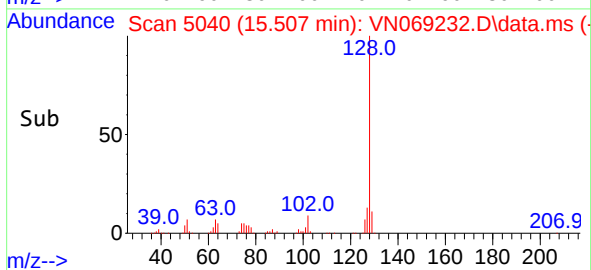
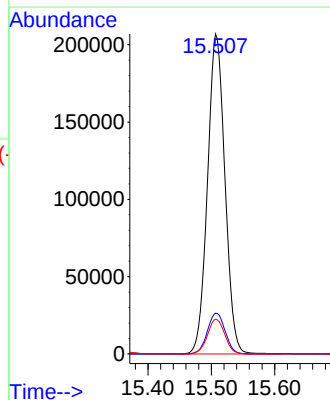
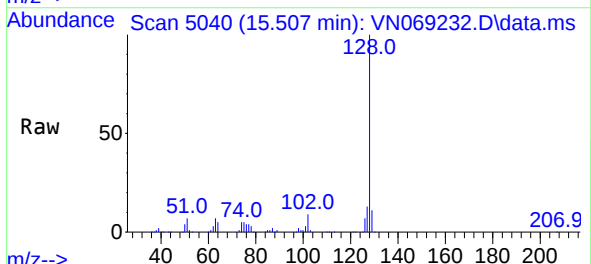
Manual Integrations
APPROVED

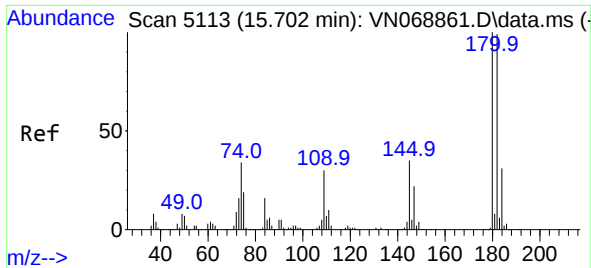
MMDadoda
10/29/2021 6:31:17 PM



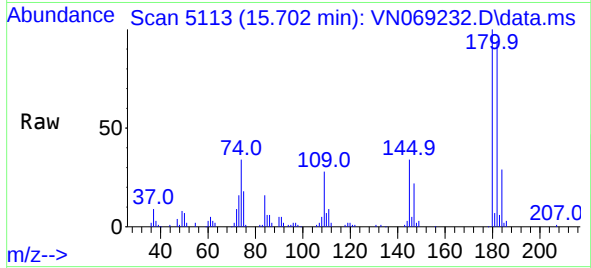
#95
Naphthalene
Concen: 51.194 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069232.D
Acq: 27 Oct 2021 20:58

Tgt Ion:128 Resp: 395132
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.9 13.3

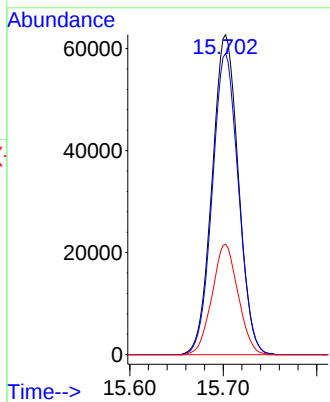
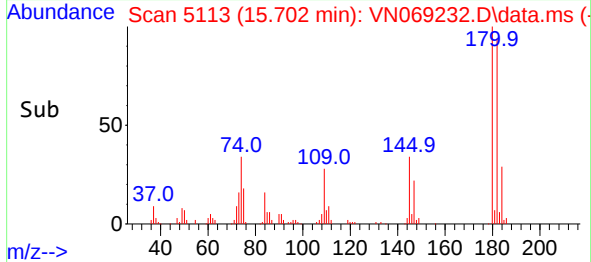




#96
 1,2,3-Trichlorobenzene
 Concen: 46.388 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN069232.D
 Acq: 27 Oct 2021 20:58



Tgt Ion:	180	Resp:	122545
Ion Ratio	Lower	Upper	
180	100		
182	93.8	48.1	144.3
145	34.2	17.4	52.2



Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1D(OFFSITE)MSD

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 6:31:17 PM