

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070215.D
 Acq On : 23 Aug 2021 12:02
 Operator : VA/SY
 Sample : VD0823SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2021 6:16:21 PM

Quant Time: Aug 24 01:29:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	469246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	855578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	812275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	387607	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	295598	53.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.120%	
35) Dibromofluoromethane	7.914	113	292867	52.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.960%	
50) Toluene-d8	10.338	98	1143281	53.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.360%	
62) 4-Bromofluorobenzene	12.626	95	381616	53.891	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.780%	

MMDadoda

8/24/2021 6:16:21 PM

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.985	85	122202	23.805	ug/l	97
3) Chloromethane	2.209	50	164793	22.943	ug/l	92
4) Vinyl Chloride	2.344	62	170290	21.443	ug/l	100
5) Bromomethane	2.744	94	113844	23.895	ug/l	97
6) Chloroethane	2.909	64	113368	22.346	ug/l	99
7) Trichlorofluoromethane	3.261	101	210647	22.084	ug/l	94
8) Diethyl Ether	3.709	74	62265	22.810	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	132954	21.910	ug/l	99
10) Methyl Iodide	4.297	142	106345	19.167	ug/l	98
11) Tert butyl alcohol	5.226	59	33031	108.279	ug/l	97
12) 1,1-Dichloroethene	4.061	96	119886	21.505	ug/l	93
13) Acrolein	3.920	56	26267	74.753	ug/l	99
14) Allyl chloride	4.708	41	182799	21.976	ug/l	98
15) Acrylonitrile	5.414	53	143735	113.559	ug/l	99
16) Acetone	4.161	43	114700	112.815	ug/l	94
17) Carbon Disulfide	4.403	76	422827	20.978	ug/l	100
18) Methyl Acetate	4.714	43	75420	24.881	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	258172	22.314	ug/l	98
20) Methylene Chloride	4.961	84	234638	30.719	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	139010	21.467	ug/l	93
22) Diisopropyl ether	6.361	45	401265	22.936	ug/l	97
23) Vinyl Acetate	6.303	43	874426	110.288	ug/l	97
24) 1,1-Dichloroethane	6.261	63	265989	22.222	ug/l	97
25) 2-Butanone	7.214	43	162883	117.245	ug/l	98
26) 2,2-Dichloropropane	7.208	77	205405	22.040	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	152411	22.163	ug/l	99
28) Bromochloromethane	7.544	49	106573	24.467	ug/l	97
29) Tetrahydrofuran	7.561	42	107572	118.250	ug/l	98
30) Chloroform	7.708	83	269221	22.870	ug/l	91
31) Cyclohexane	7.979	56	233588	21.383	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	219572	22.321	ug/l	98
36) 1,1-Dichloropropene	8.108	75	198269	21.541	ug/l	99
37) Ethyl Acetate	7.291	43	80338	24.030	ug/l	98
38) Carbon Tetrachloride	8.091	117	187075	22.388	ug/l	91
39) Methylcyclohexane	9.355	83	221229	20.644	ug/l	95
40) Benzene	8.349	78	583740	21.866	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070215.D
 Acq On : 23 Aug 2021 12:02
 Operator : VA/SY
 Sample : VD0823SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2021 6:16:21 PM

Quant Time: Aug 24 01:29:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	32656m	18.067	ug/l	
42) 1,2-Dichloroethane	8.420	62	155520	22.730	ug/l	99
43) Isopropyl Acetate	8.449	43	142219	22.786	ug/l	99
44) Trichloroethene	9.108	130	136659	21.190	ug/l	94
45) 1,2-Dichloropropane	9.385	63	154447	22.272	ug/l	97
46) Dibromomethane	9.473	93	76394	22.681	ug/l	96
47) Bromodichloromethane	9.655	83	198317	22.758	ug/l	97
48) Methyl methacrylate	9.455	41	67792	22.777	ug/l	98
49) 1,4-Dioxane	9.455	88	17965	490.118	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	377893	116.440	ug/l	99
52) Toluene	10.396	92	356507	21.940	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	171383	22.204	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	212138	22.644	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	107373	22.500	ug/l	95
56) Ethyl methacrylate	10.655	69	118710	21.859	ug/l	98
57) 1,3-Dichloropropane	10.943	76	185439	22.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	318724	111.274	ug/l	100
59) 2-Hexanone	10.979	43	254250	116.980	ug/l	96
60) Dibromochloromethane	11.138	129	123116	22.521	ug/l	97
61) 1,2-Dibromoethane	11.238	107	99030	22.922	ug/l	97
64) Tetrachloroethene	10.873	164	110110	21.013	ug/l	97
65) Chlorobenzene	11.667	112	366817	21.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	132069	21.913	ug/l	99
67) Ethyl Benzene	11.738	91	645518	21.513	ug/l	100
68) m/p-Xylenes	11.849	106	504508	43.385	ug/l	100
69) o-Xylene	12.173	106	227051	21.640	ug/l	99
70) Styrene	12.185	104	406663	22.129	ug/l	100
71) Bromoform	12.355	173	65458	22.292	ug/l #	100
73) Isopropylbenzene	12.473	105	588604	20.824	ug/l	99
74) N-amyl acetate	12.279	43	132682	21.772	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	124949	22.155	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	66163m	16.832	ug/l	
77) Bromobenzene	12.755	156	133829	21.332	ug/l	96
78) n-propylbenzene	12.814	91	797358	21.874	ug/l	98
79) 2-Chlorotoluene	12.902	91	450093	21.461	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	519057	21.570	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	34401	22.716	ug/l	99
82) 4-Chlorotoluene	12.996	91	475193	21.639	ug/l	100
83) tert-Butylbenzene	13.214	119	411415	21.035	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	518197	21.709	ug/l	98
85) sec-Butylbenzene	13.390	105	663071	21.159	ug/l	99
86) p-Isopropyltoluene	13.508	119	537876	21.246	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	283342	21.257	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	283573	21.478	ug/l	99
89) n-Butylbenzene	13.832	91	526679	21.200	ug/l	98
90) Hexachloroethane	14.096	117	114591	21.449	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	243054	21.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	18397	21.838	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	133440	21.009	ug/l	99
94) Hexachlorobutadiene	15.249	225	76441	20.373	ug/l	98
95) Naphthalene	15.390	128	235545	20.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	119274	21.512	ug/l	97

MMDadoda

8/24/2021 6:16:21 PM

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
Data File : VD070215.D
Acq On : 23 Aug 2021 12:02
Operator : VA/SY
Sample : VD0823SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

Quant Time: Aug 24 01:29:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

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

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

MMDadoda

8/24/2021 6:16:21 PM

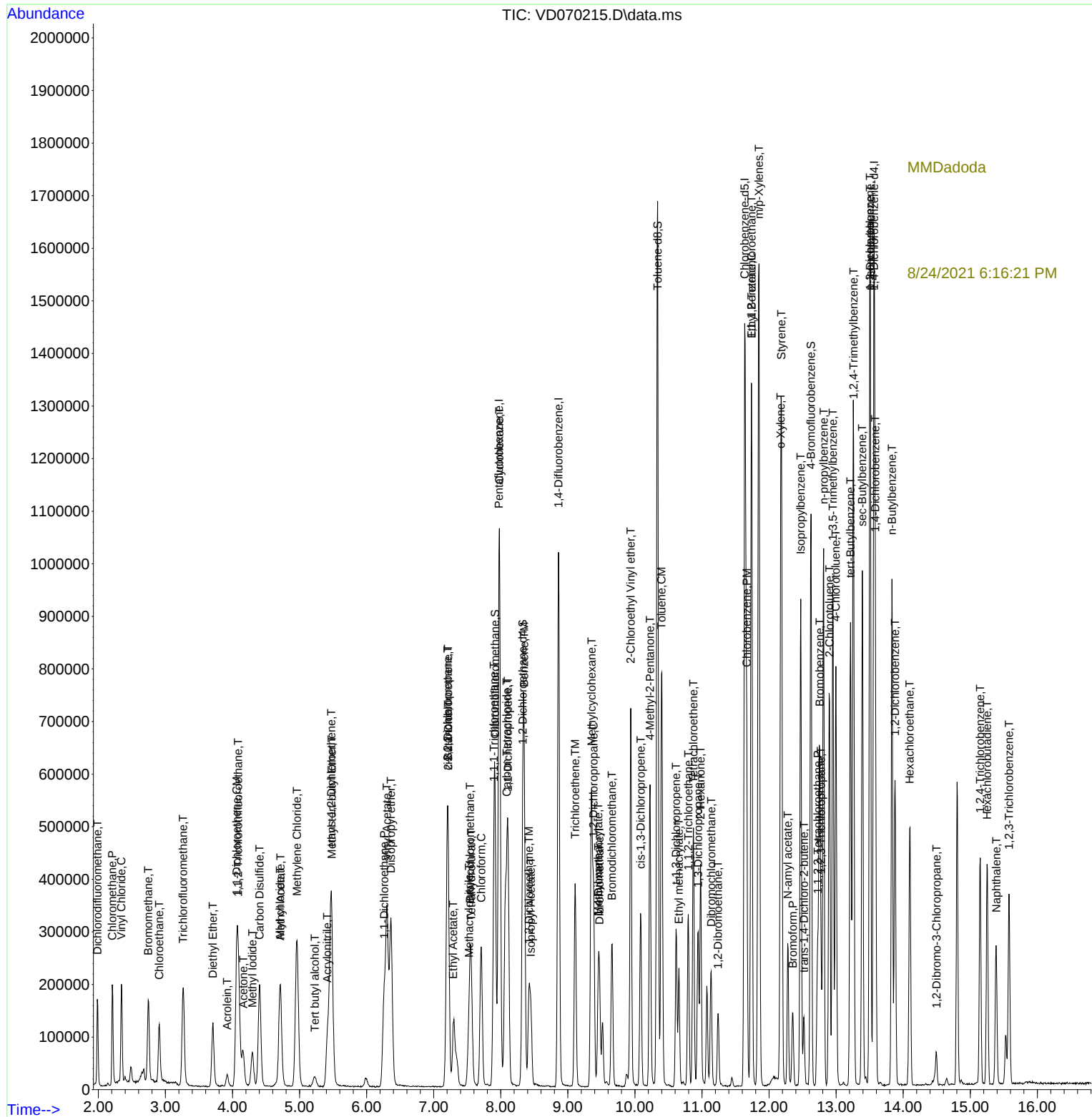
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
Data File : VD070215.D
Acq On : 23 Aug 2021 12:02
Operator : VA/SY
Sample : VD0823SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

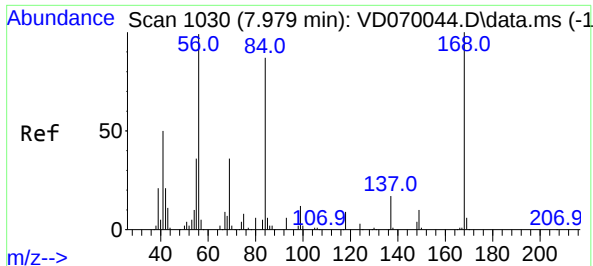
MMDadoda
8/24/2021 6:16:21 PM

Quant Time: Aug 24 01:29:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

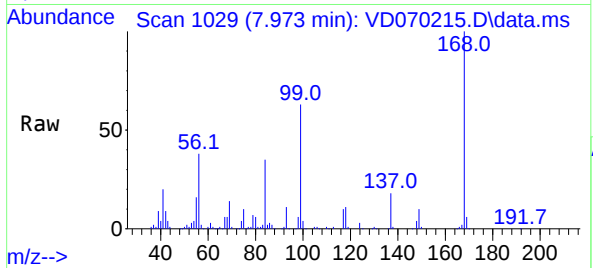


MMDadoda

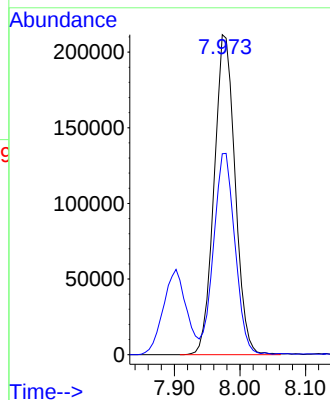
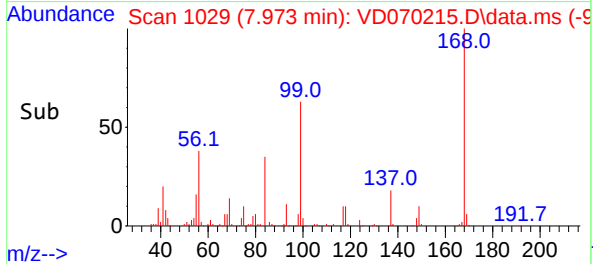
8/24/2021 6:16:21 PM



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 168 Resp: 469246
Ion Ratio Lower Upper
168 100
99 62.4 50.3 75.5



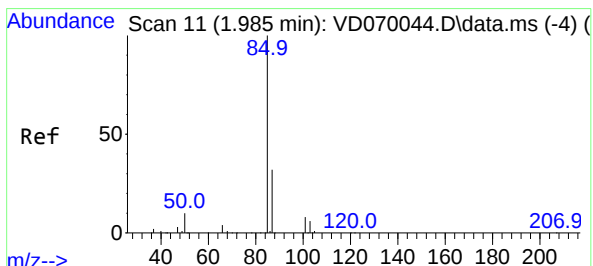
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

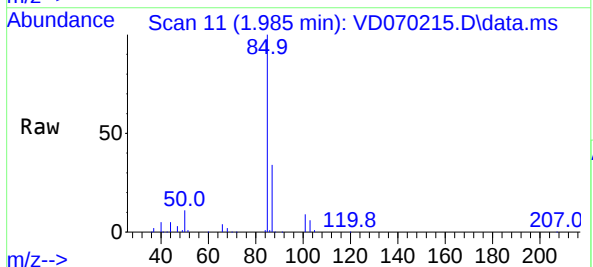
MMDadoda
8/24/2021 6:16:21 PM

MMDadoda

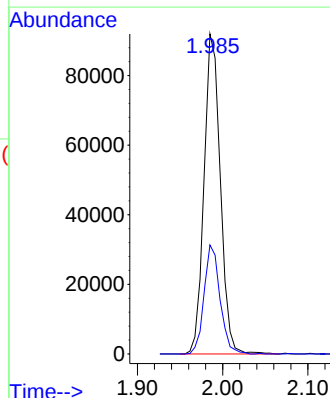
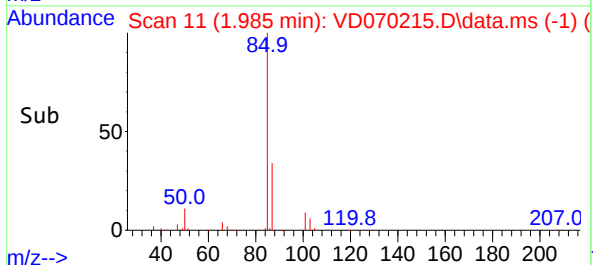
8/24/2021 6:16:21 PM

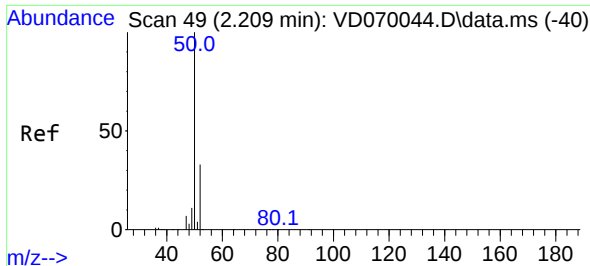


#2
Dichlorodifluoromethane
Concen: 23.805 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



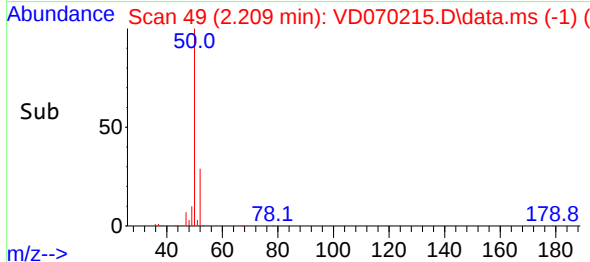
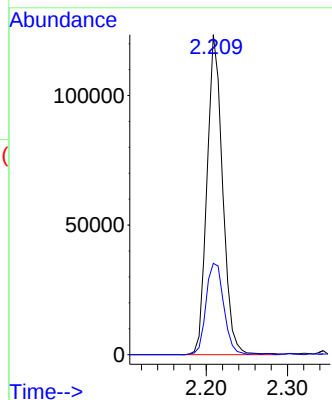
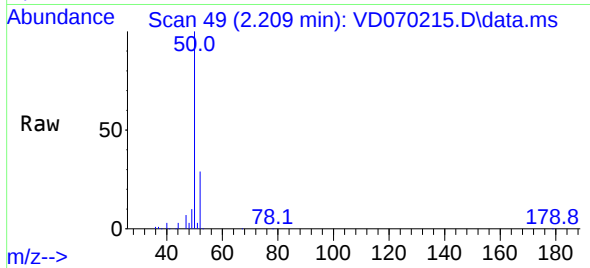
Tgt Ion: 85 Resp: 122202
Ion Ratio Lower Upper
85 100
87 34.1 16.2 48.6





#3
Chloromethane
Concen: 22.943 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 50 Resp: 164793
Ion Ratio Lower Upper
50 100
52 28.6 26.3 39.5



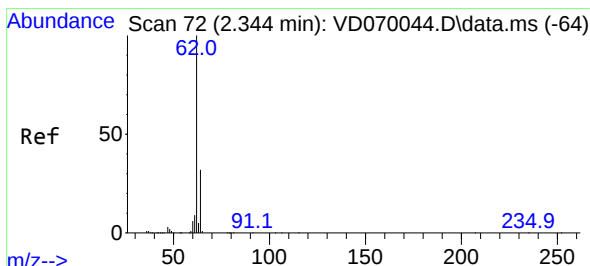
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

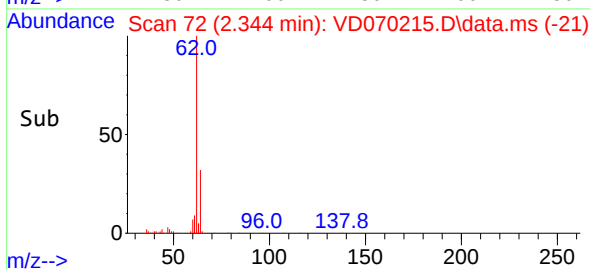
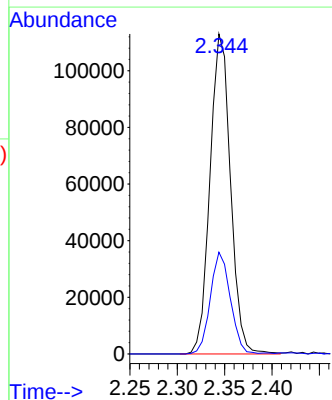
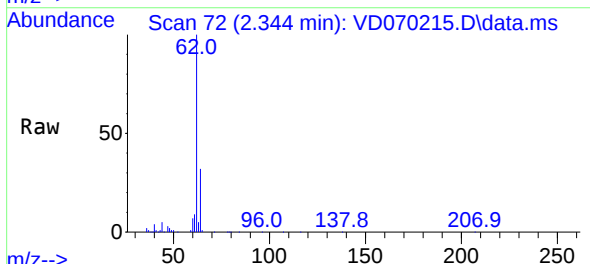
MMDadoda

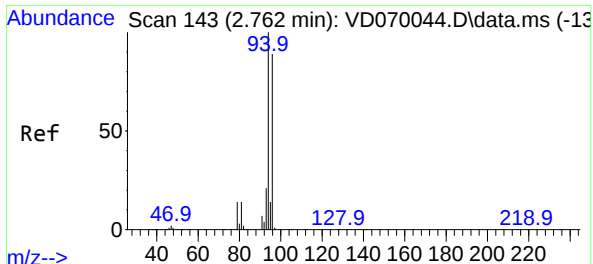
8/24/2021 6:16:21 PM



#4
Vinyl Chloride
Concen: 21.443 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 62 Resp: 170290
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





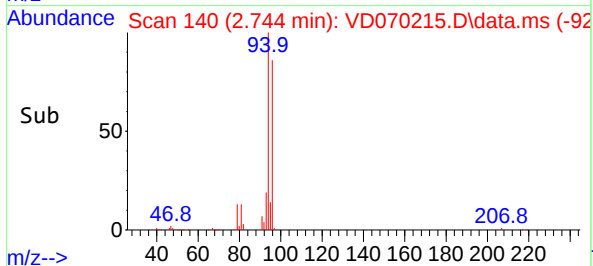
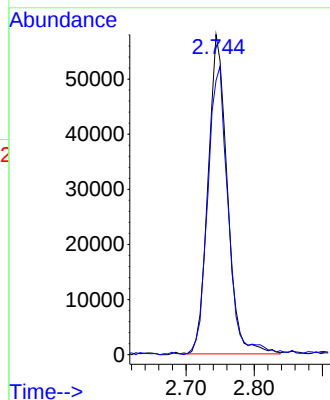
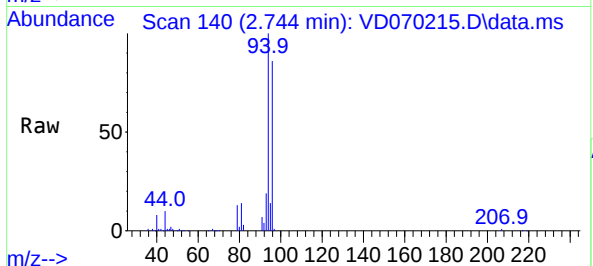
#5
Bromomethane
Concen: 23.895 ug/l
RT: 2.744 min Scan# 140
Delta R.T. -0.018 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 94 Resp: 113844
Ion Ratio Lower Upper
94 100
96 85.6 70.9 106.3

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

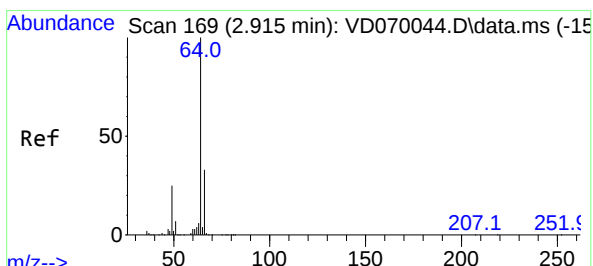
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM



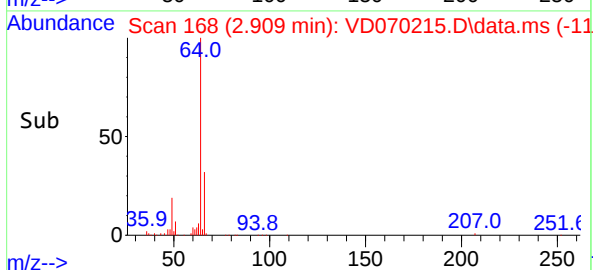
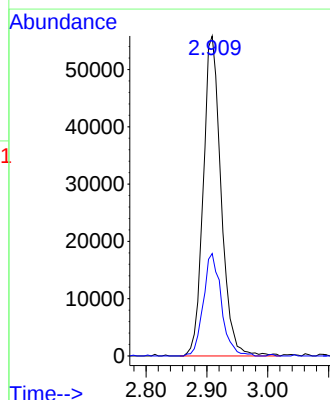
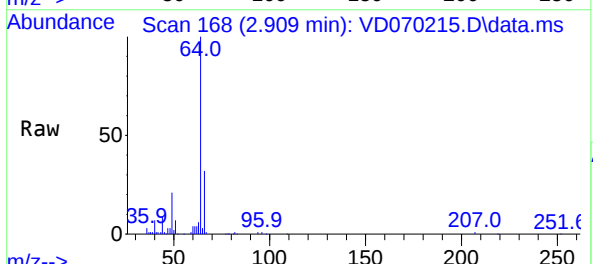
MMDadoda

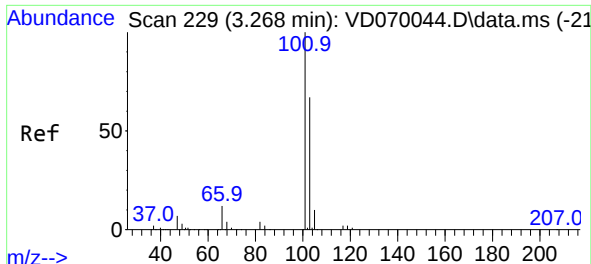
8/24/2021 6:16:21 PM



#6
Chloroethane
Concen: 22.346 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

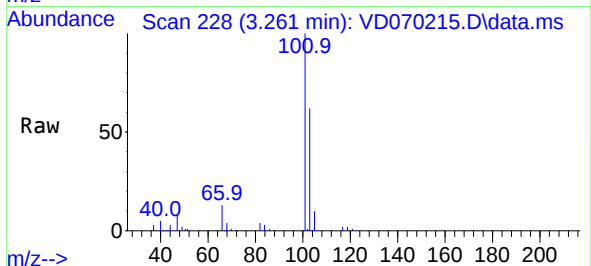
Tgt Ion: 64 Resp: 113368
Ion Ratio Lower Upper
64 100
66 32.0 26.0 39.0





#7
Trichlorofluoromethane
Concen: 22.084 ug/l
RT: 3.261 min Scan# 228
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

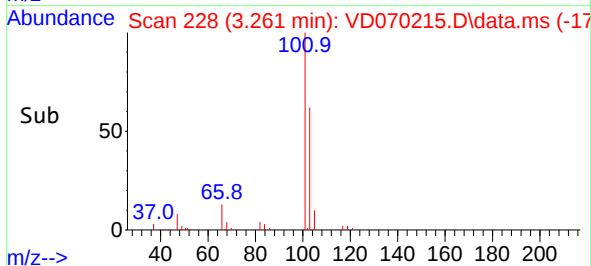
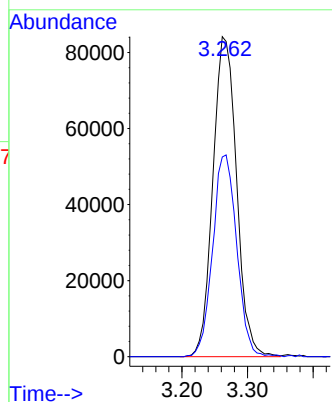
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01



Tgt Ion:101 Resp: 210647
Ion Ratio Lower Upper
101 100
103 62.4 53.9 80.9

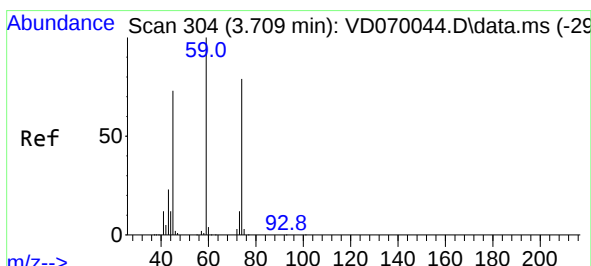
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

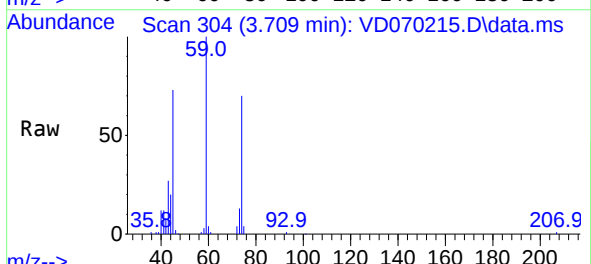


MMDadoda

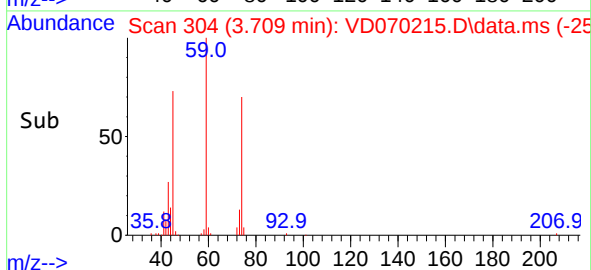
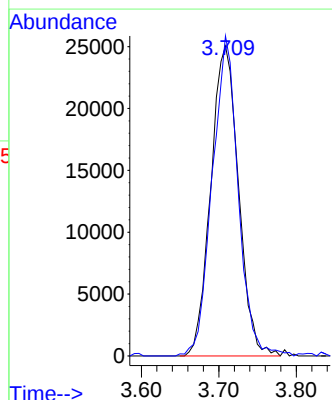
8/24/2021 6:16:21 PM

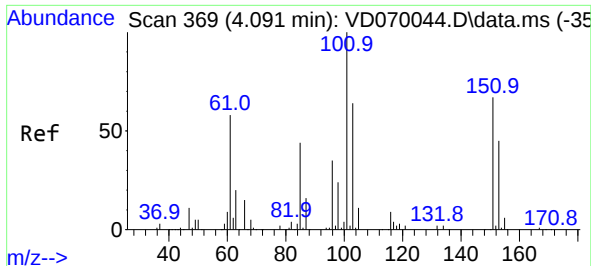


#8
Diethyl Ether
Concen: 22.810 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 74 Resp: 62265
Ion Ratio Lower Upper
74 100
45 96.8 48.6 145.9





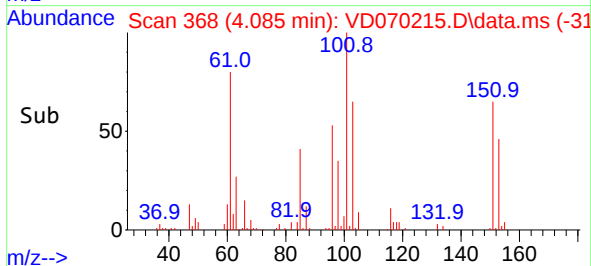
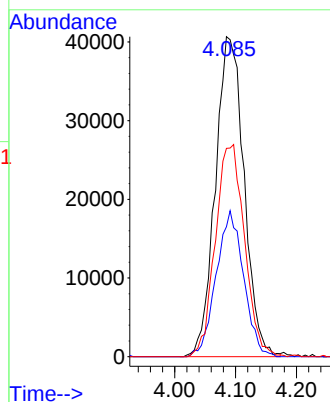
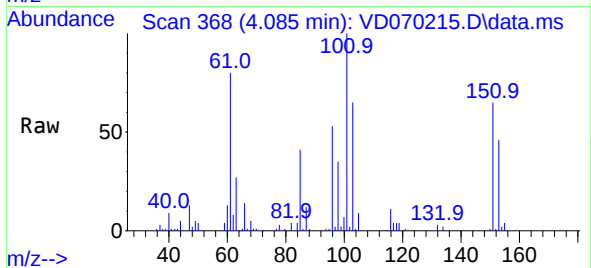
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.910 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:101 Resp: 132954
Ion Ratio Lower Upper
101 100
85 43.6 34.6 52.0
151 67.5 55.0 82.6

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

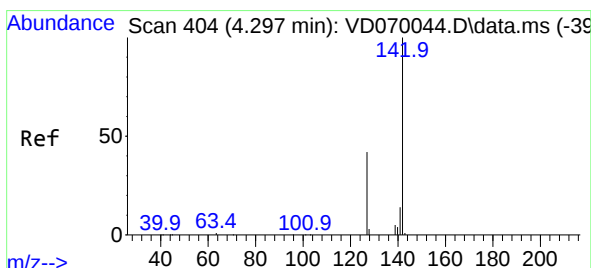
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM



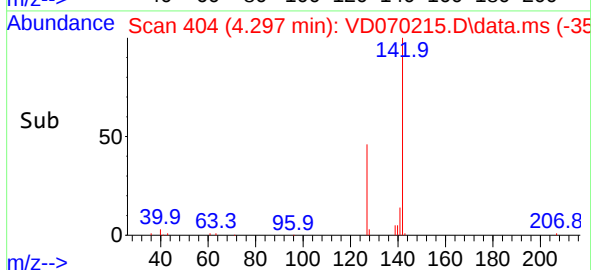
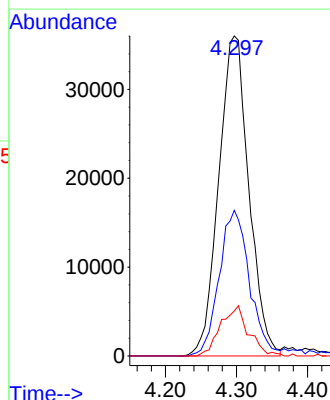
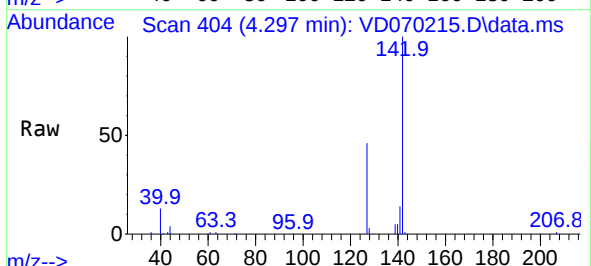
MMDadoda

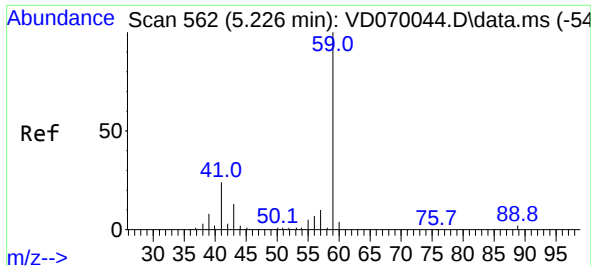
8/24/2021 6:16:21 PM



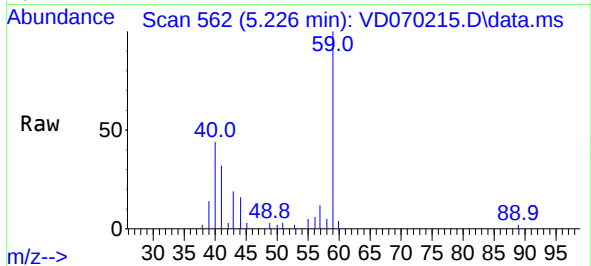
#10
Methyl Iodide
Concen: 19.167 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:142 Resp: 106345
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.0
141 14.5 12.1 18.1

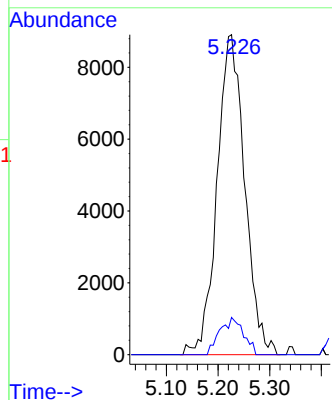




#11
Tert butyl alcohol
Concen: 108.279 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 59 Resp: 33031
Ion Ratio Lower Upper
59 100
57 9.9 8.8 13.2



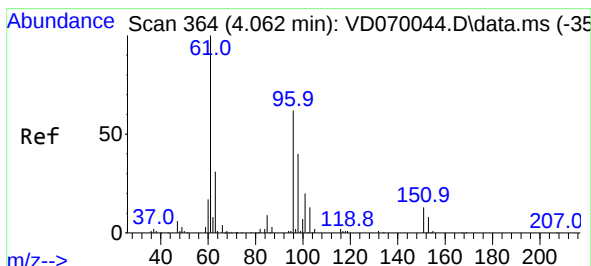
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

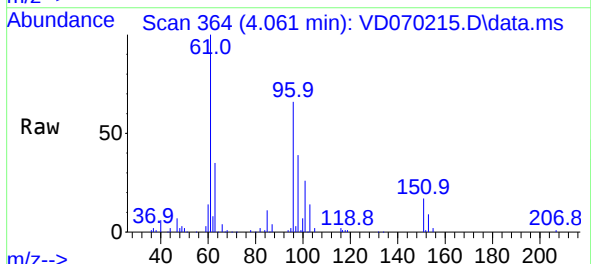
MMDadoda
8/24/2021 6:16:21 PM

MMDadoda

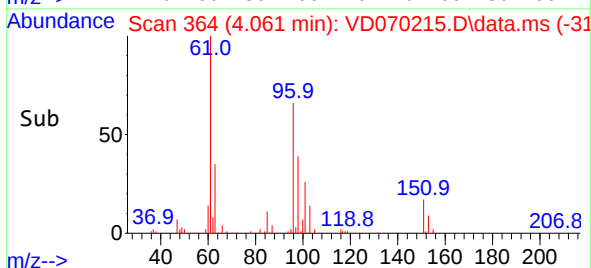
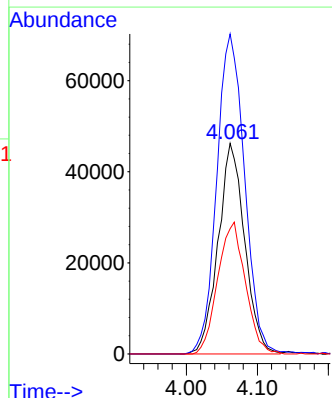
8/24/2021 6:16:21 PM

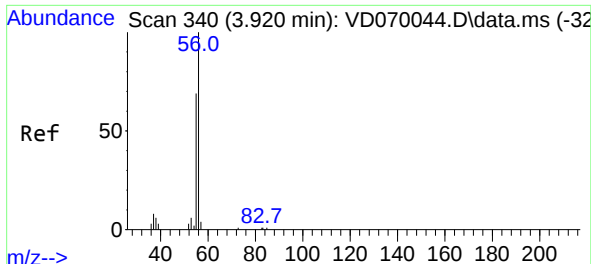


#12
1,1-Dichloroethene
Concen: 21.505 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 96 Resp: 119886
Ion Ratio Lower Upper
96 100
61 152.0 129.1 193.7
98 59.5 52.0 78.0





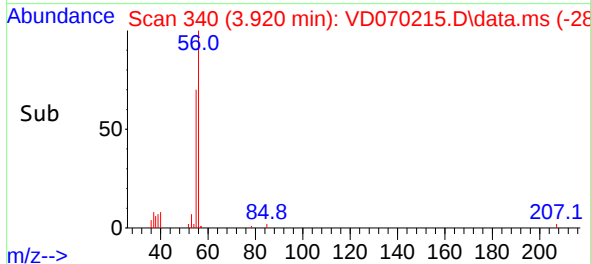
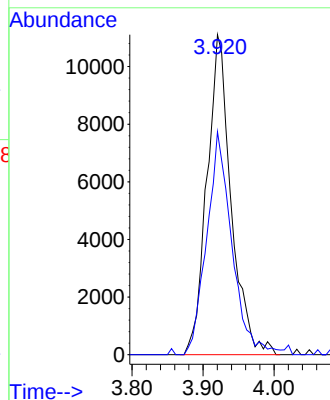
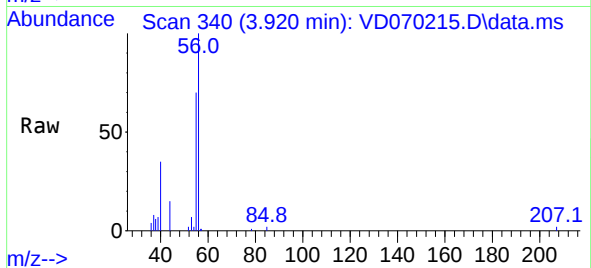
#13
Acrolein
Concen: 74.753 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 56 Resp: 26267
Ion Ratio Lower Upper
56 100
55 72.4 57.4 86.0

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

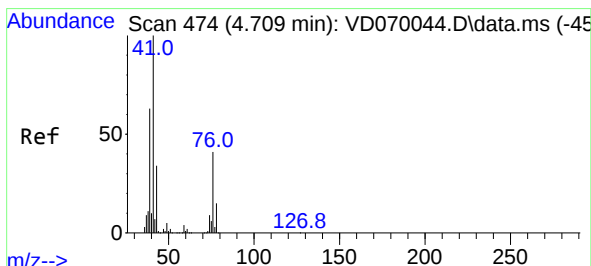
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM



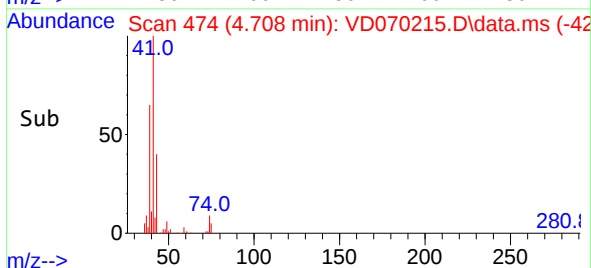
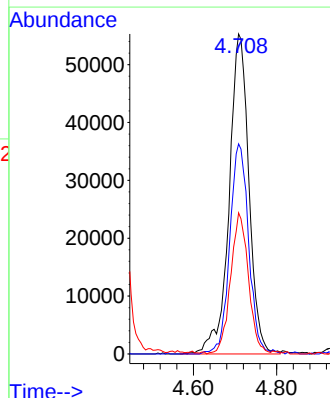
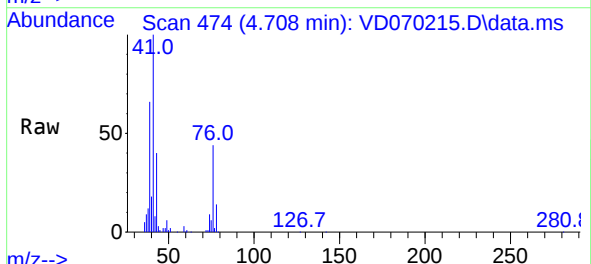
MMDadoda

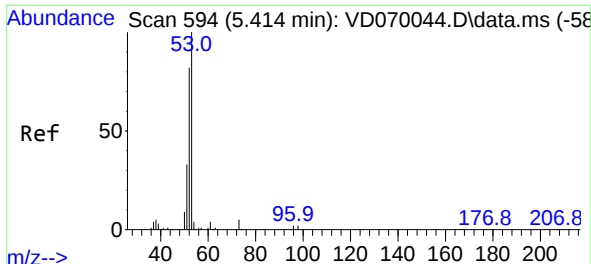
8/24/2021 6:16:21 PM



#14
Allyl chloride
Concen: 21.976 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

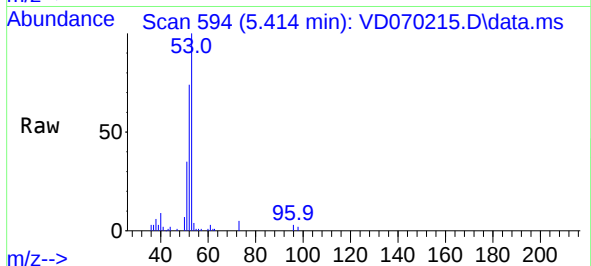
Tgt Ion: 41 Resp: 182799
Ion Ratio Lower Upper
41 100
39 62.3 47.9 71.9
76 39.7 31.6 47.4





#15
Acrylonitrile
Concen: 113.559 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

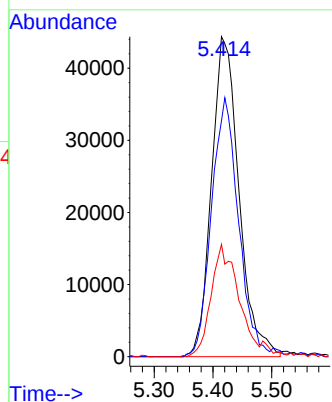
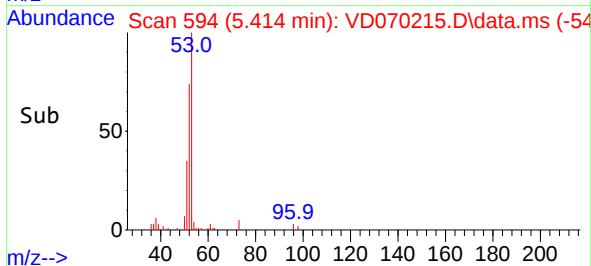
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01



Tgt Ion: 53 Resp: 143735
Ion Ratio Lower Upper
53 100
52 79.4 64.5 96.7
51 34.8 28.2 42.4

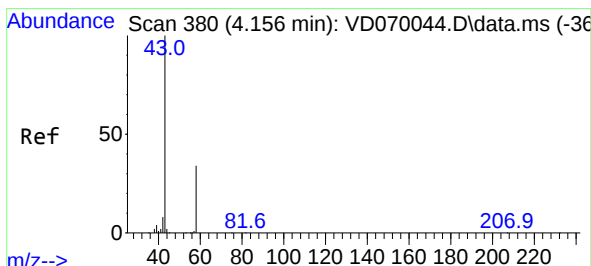
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

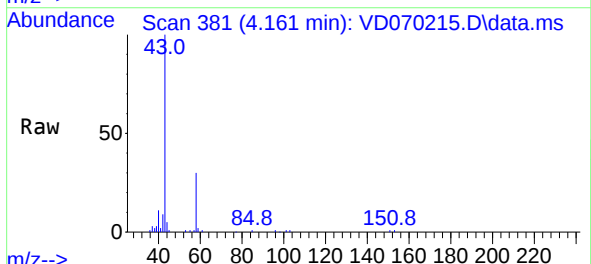


MMDadoda

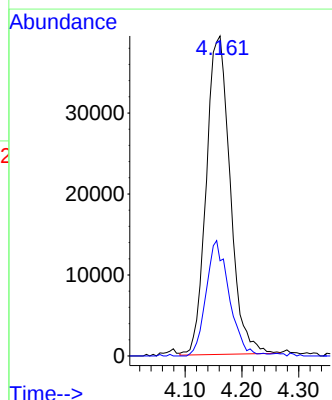
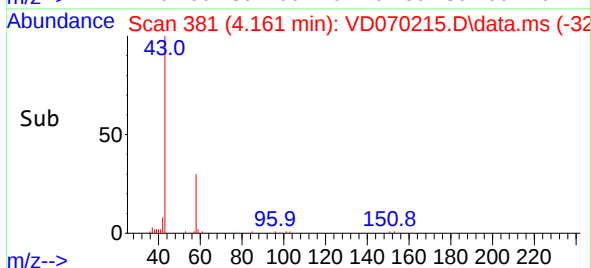
8/24/2021 6:16:21 PM

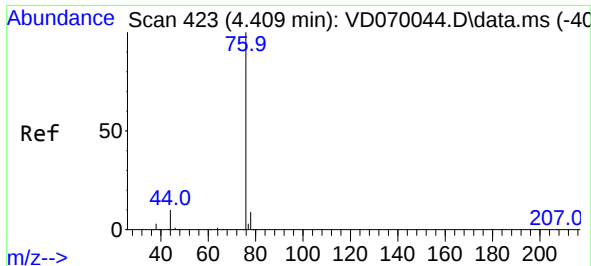


#16
Acetone
Concen: 112.815 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

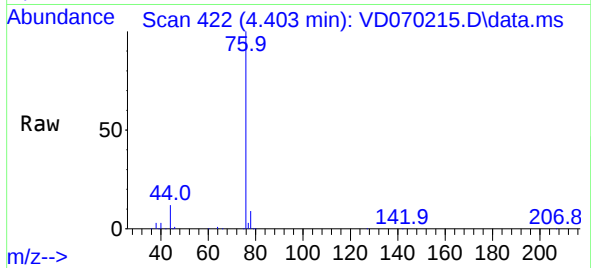


Tgt Ion: 43 Resp: 114700
Ion Ratio Lower Upper
43 100
58 30.0 26.8 40.2

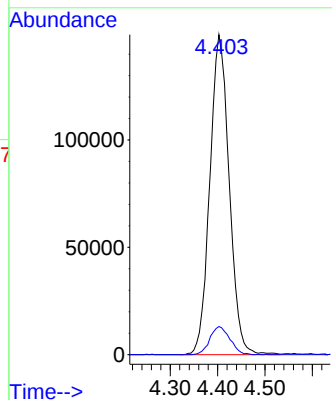




#17
Carbon Disulfide
Concen: 20.978 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 76 Resp: 422827
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



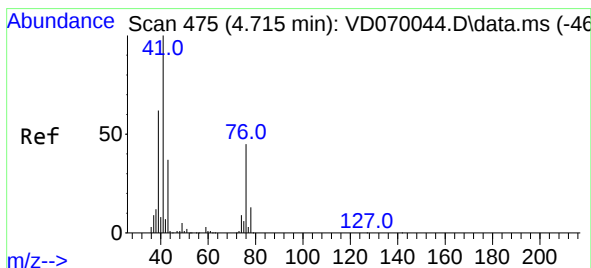
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

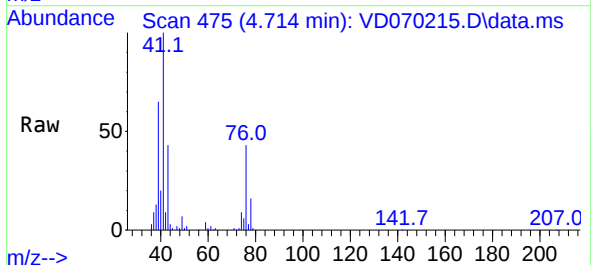
MMDadoda
8/24/2021 6:16:21 PM

MMDadoda

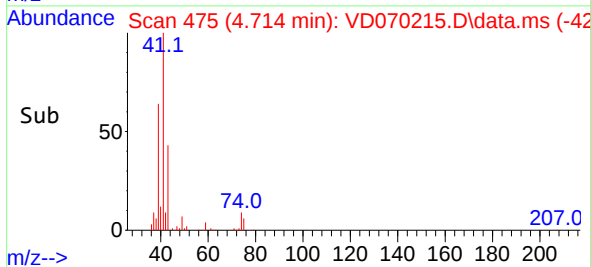
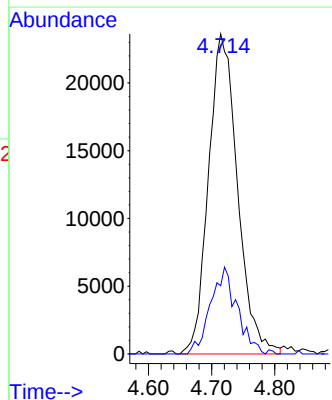
8/24/2021 6:16:21 PM

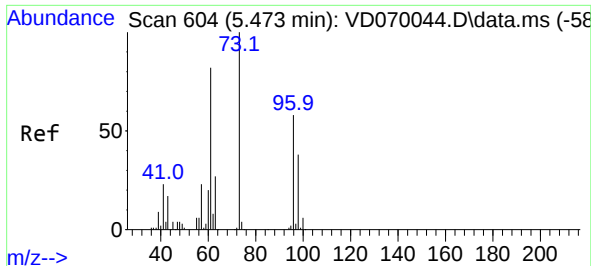


#18
Methyl Acetate
Concen: 24.881 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



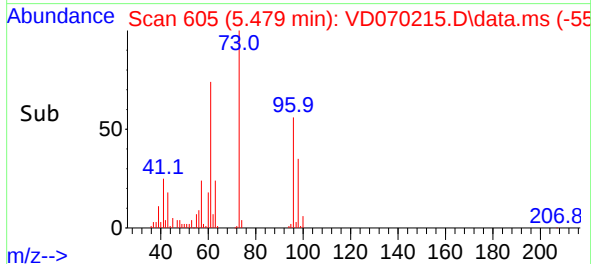
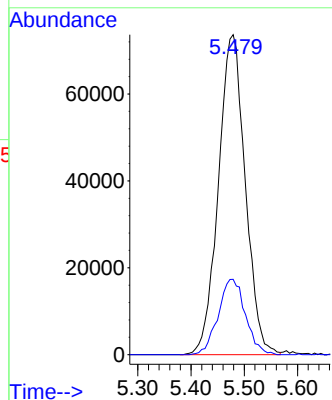
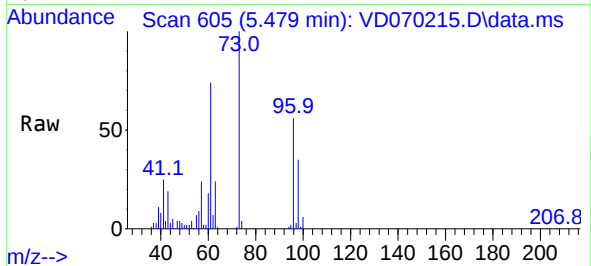
Tgt Ion: 43 Resp: 75420
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 22.314 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 73 Resp: 258172
Ion Ratio Lower Upper
73 100
57 23.5 18.2 27.4



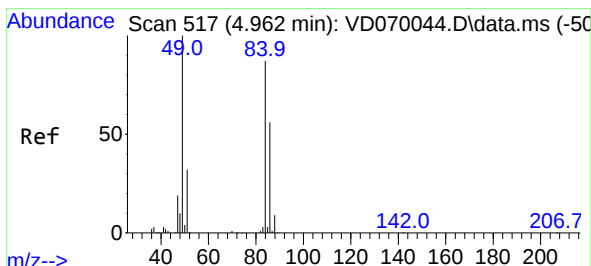
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

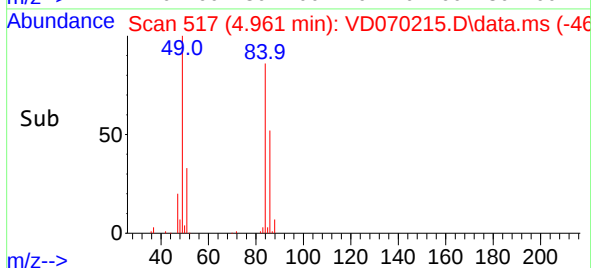
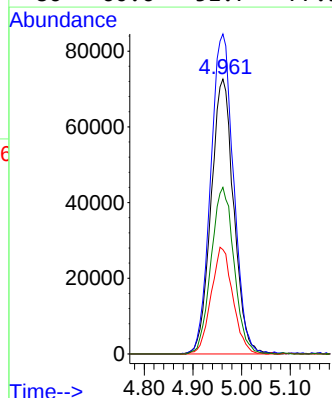
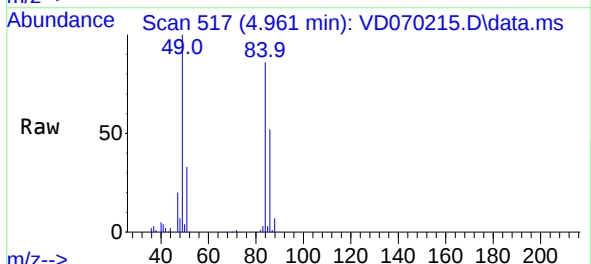
MMDadoda

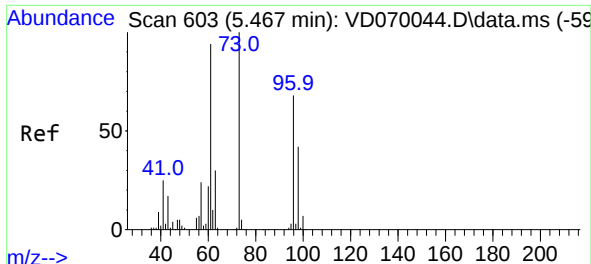
8/24/2021 6:16:21 PM



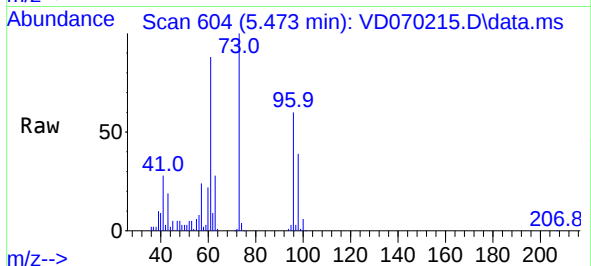
#20
Methylene Chloride
Concen: 30.719 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 84 Resp: 234638
Ion Ratio Lower Upper
84 100
49 116.4 92.5 138.7
51 38.0 29.7 44.5
86 60.6 51.7 77.5

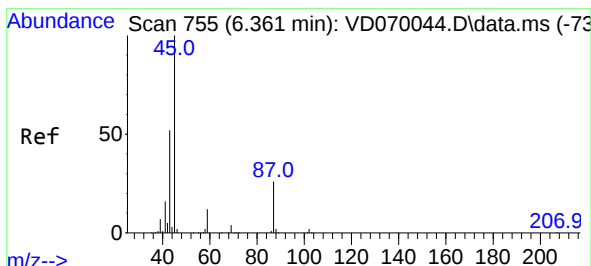
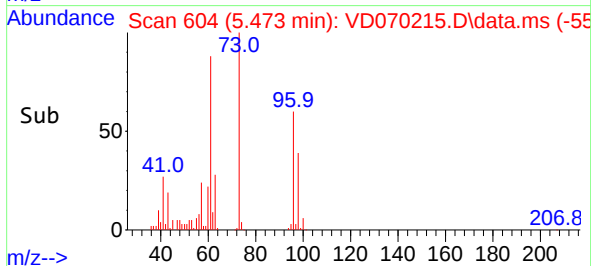
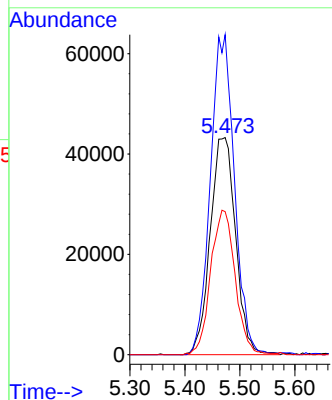




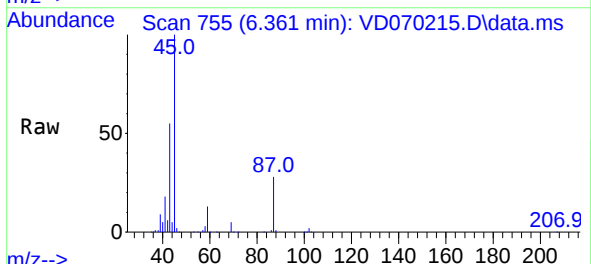
#21
trans-1,2-Dichloroethene
Concen: 21.467 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



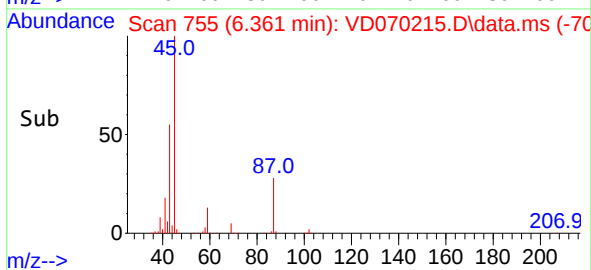
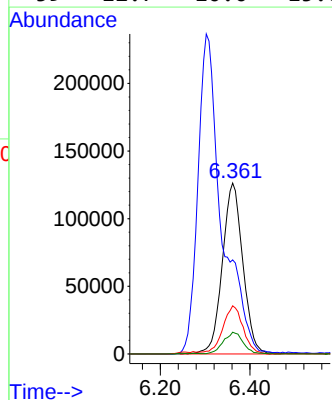
Tgt Ion: 96 Resp: 139010
Ion Ratio Lower Upper
96 100
61 147.4 111.0 166.4
98 65.9 49.0 73.4



#22
Diisopropyl ether
Concen: 22.936 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 45 Resp: 401265
Ion Ratio Lower Upper
45 100
43 54.7 41.7 62.5
87 28.2 21.0 31.4
59 12.7 10.0 15.0



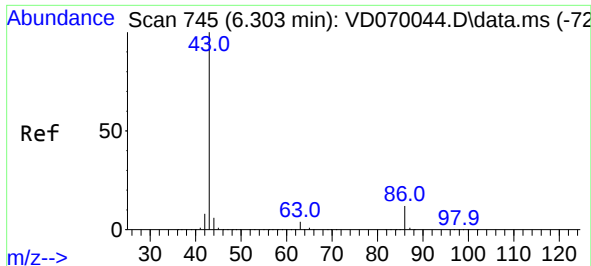
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

MMDadoda

8/24/2021 6:16:21 PM



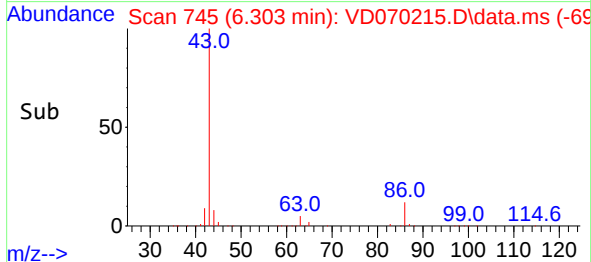
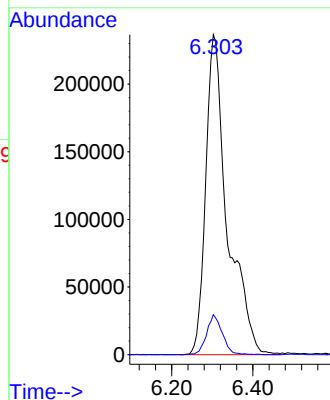
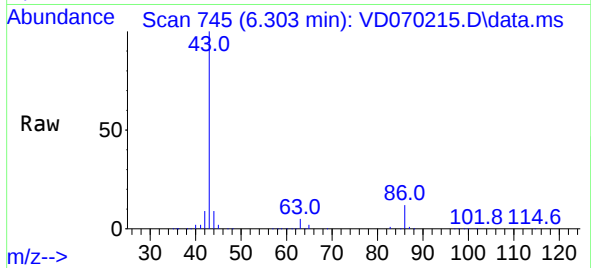
#23
 Vinyl Acetate
 Concen: 110.288 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070215.D
 Acq: 23 Aug 2021 12:02

Tgt Ion: 43 Resp: 874426
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.2 13.8

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

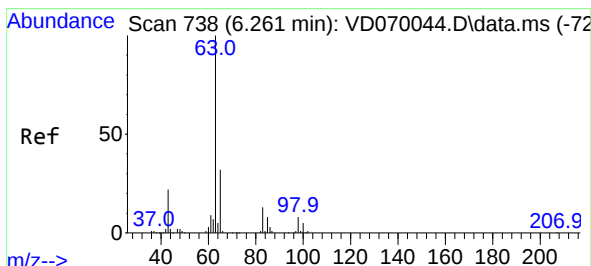
Manual Integrations
 APPROVED

MMDadoda
 8/24/2021 6:16:21 PM



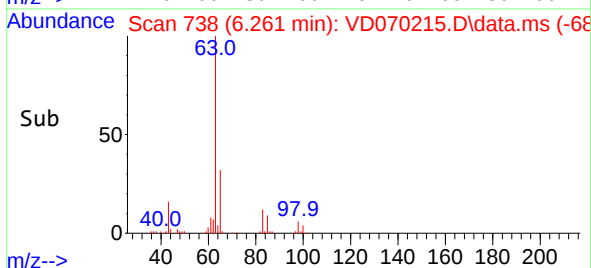
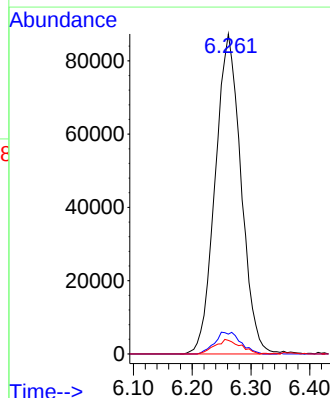
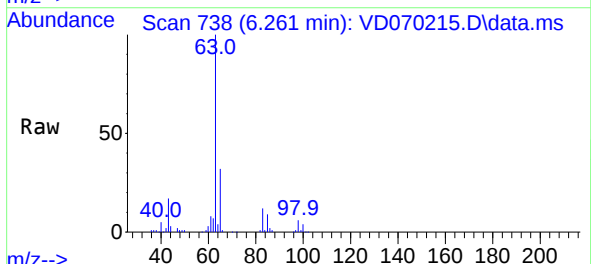
MMDadoda

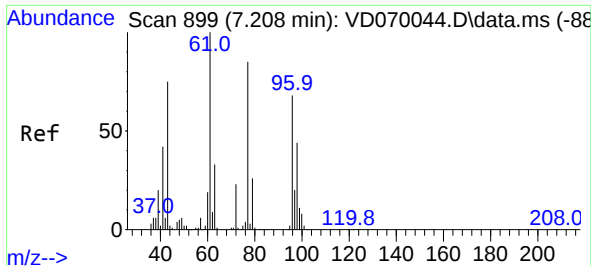
8/24/2021 6:16:21 PM



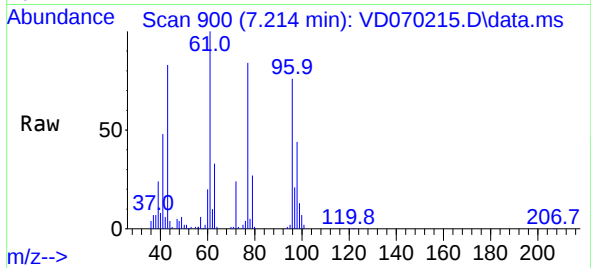
#24
 1,1-Dichloroethane
 Concen: 22.222 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD070215.D
 Acq: 23 Aug 2021 12:02

Tgt Ion: 63 Resp: 265989
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.2
 100 4.3 2.3 6.9

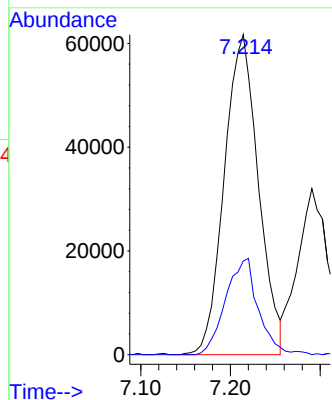




#25
2-Butanone
Concen: 117.245 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 43 Resp: 162883
Ion Ratio Lower Upper
43 100
72 29.2 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

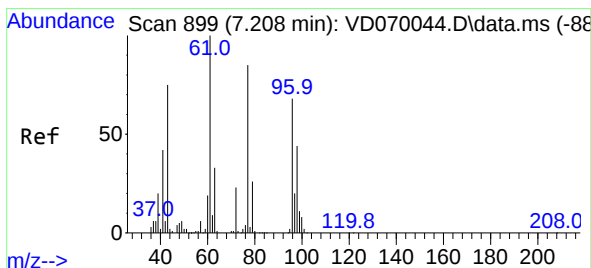
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

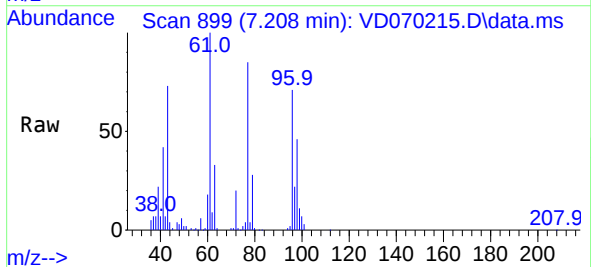
8/24/2021 6:16:21 PM

MMDadoda

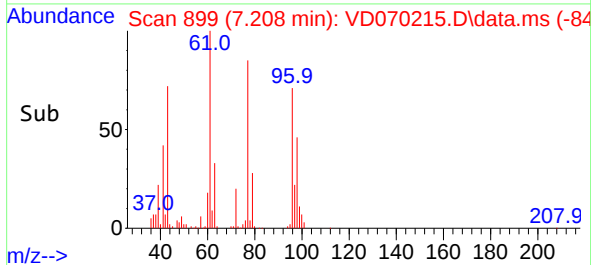
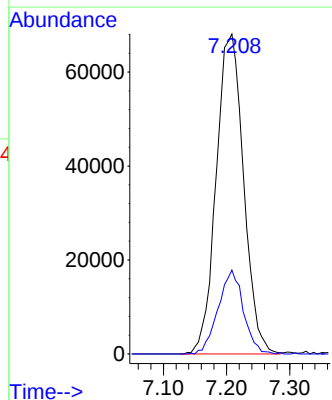
8/24/2021 6:16:21 PM

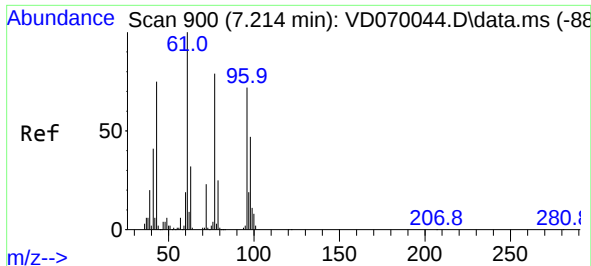


#26
2,2-Dichloropropane
Concen: 22.040 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

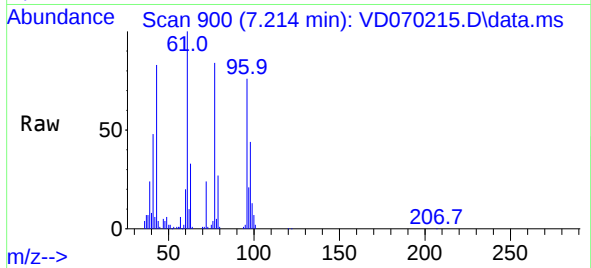


Tgt Ion: 77 Resp: 205405
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.5

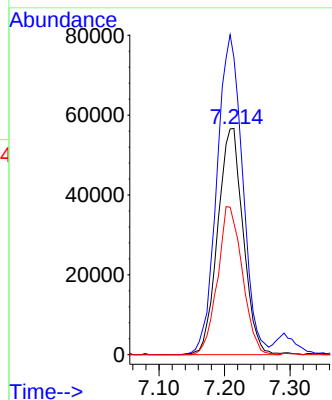




#27
cis-1,2-Dichloroethene
Concen: 22.163 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 96 Resp: 152411
Ion Ratio Lower Upper
96 100
61 143.3 0.0 288.2
98 63.8 0.0 129.6



Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

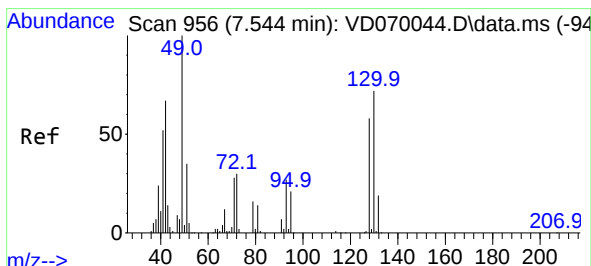
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

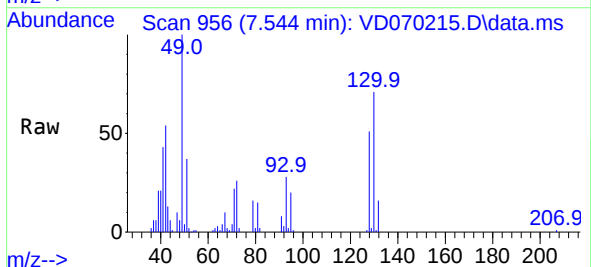
8/24/2021 6:16:21 PM

MMDadoda

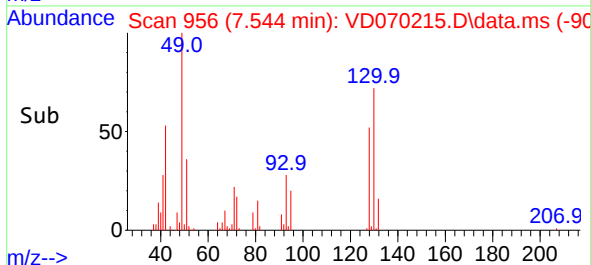
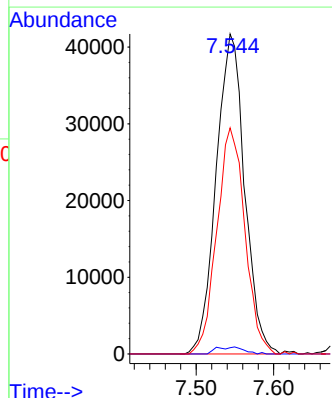
8/24/2021 6:16:21 PM

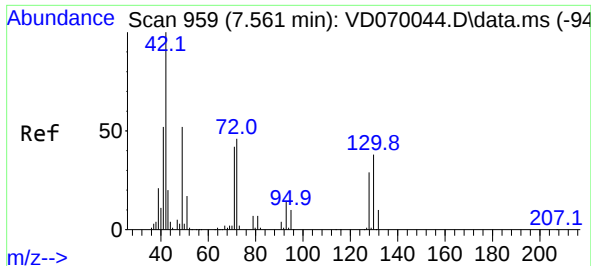


#28
Bromochloromethane
Concen: 24.467 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 49 Resp: 106573
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.0
130 69.5 57.6 86.4





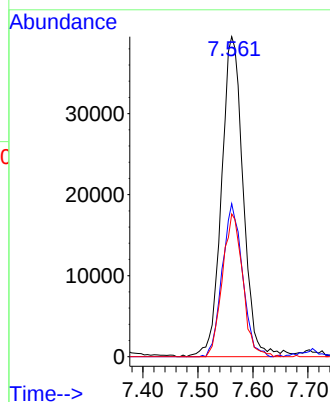
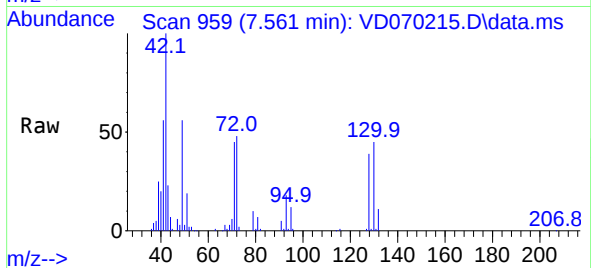
#29
Tetrahydrofuran
Concen: 118.250 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 42 Resp: 107572
Ion Ratio Lower Upper
42 100
72 44.9 37.5 56.3
71 41.9 33.6 50.4

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

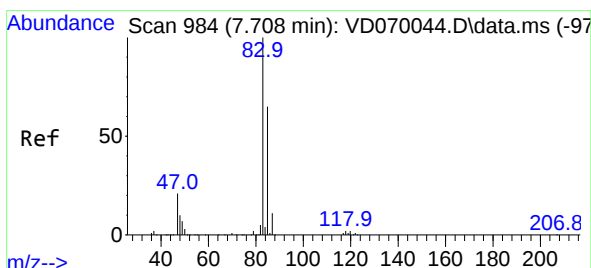
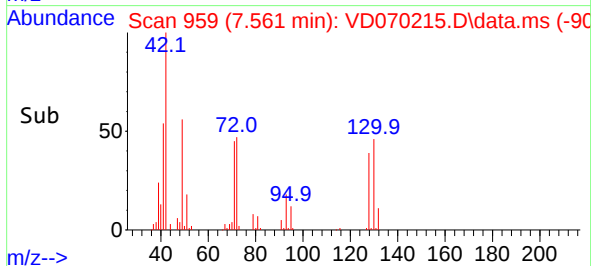
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

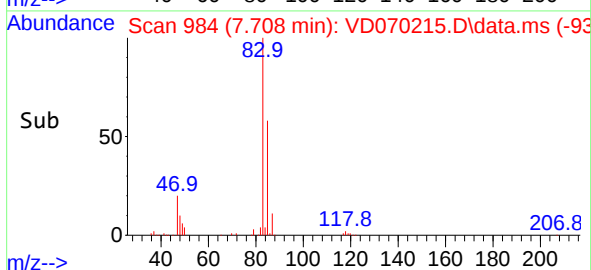
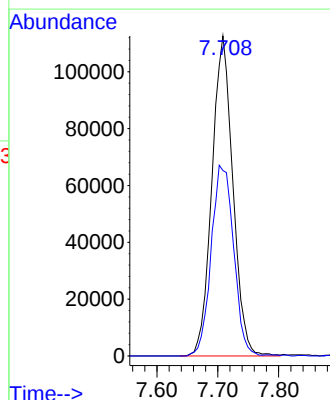
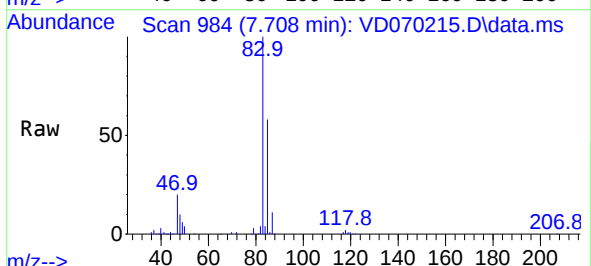
MMDadoda

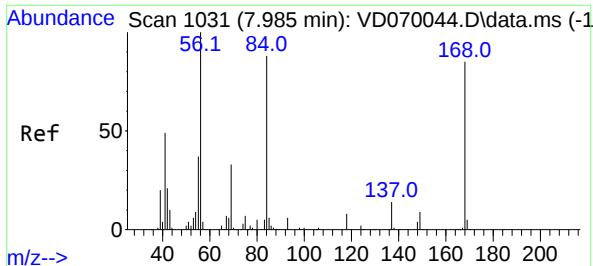
8/24/2021 6:16:21 PM



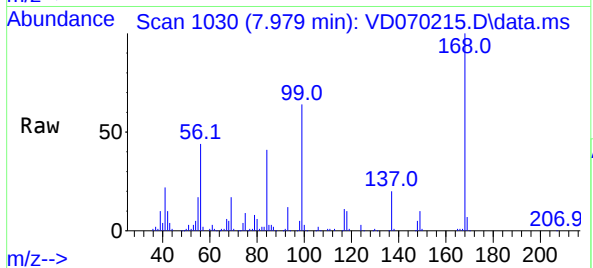
#30
Chloroform
Concen: 22.870 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 83 Resp: 269221
Ion Ratio Lower Upper
83 100
85 58.0 51.8 77.8

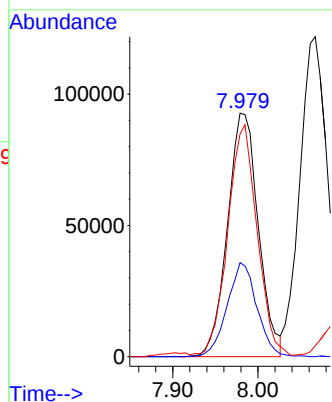




#31
Cyclohexane
Concen: 21.383 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 56 Resp: 233588
Ion Ratio Lower Upper
56 100
69 38.7 26.7 40.1
84 90.1 70.4 105.6



Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

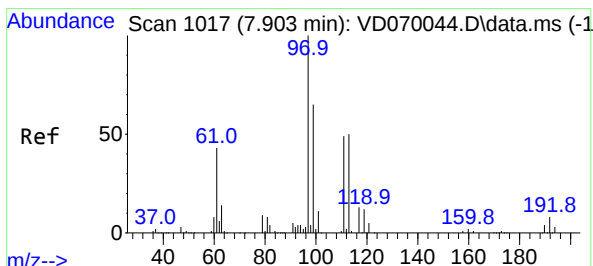
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

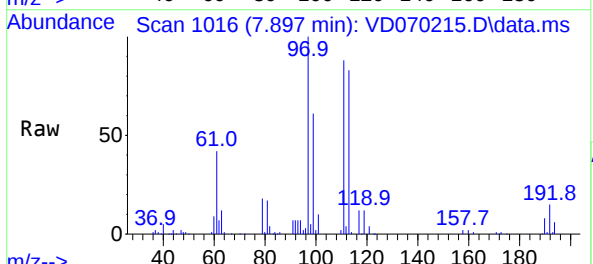
8/24/2021 6:16:21 PM

MMDadoda

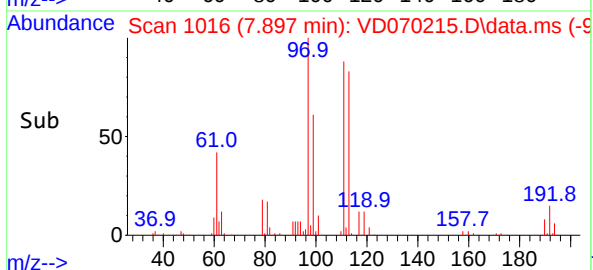
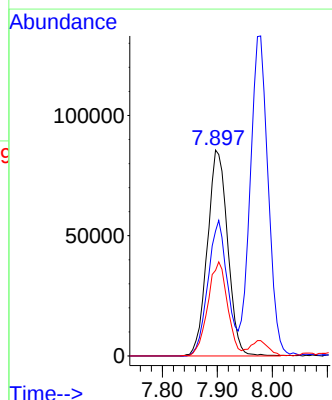
8/24/2021 6:16:21 PM

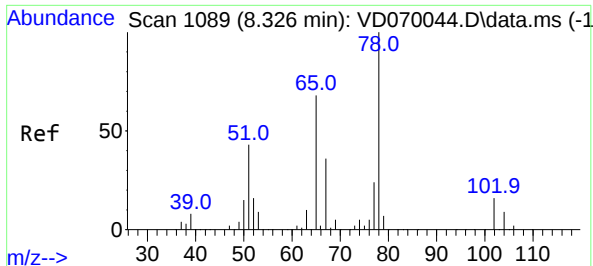


#32
1,1,1-Trichloroethane
Concen: 22.321 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 97 Resp: 219572
Ion Ratio Lower Upper
97 100
99 63.6 52.4 78.6
61 44.4 34.4 51.6





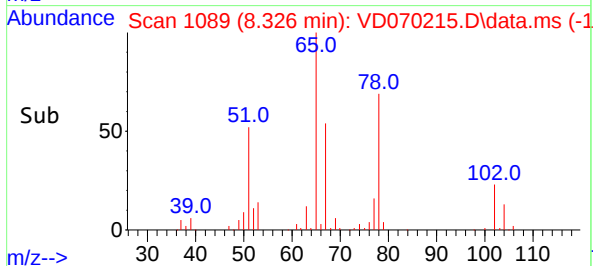
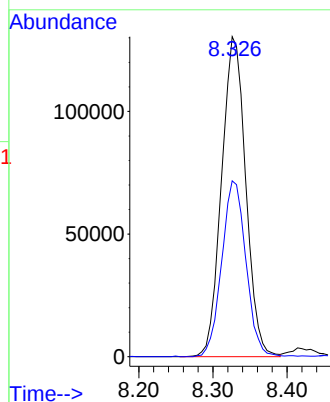
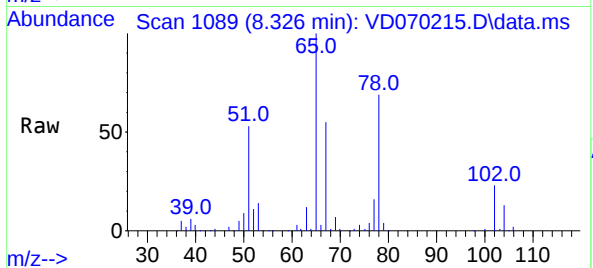
#33
1,2-Dichloroethane-d4
Concen: 53.559 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 65 Resp: 295598
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.8

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

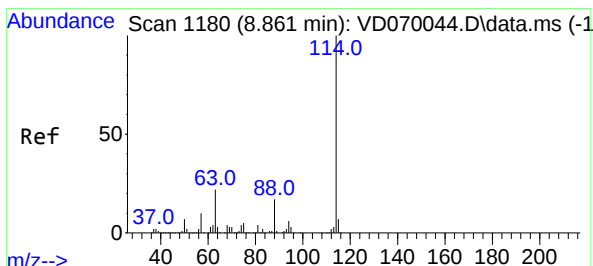
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

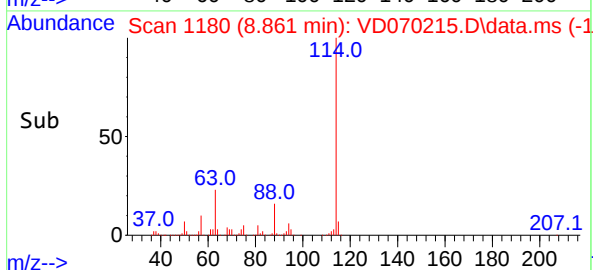
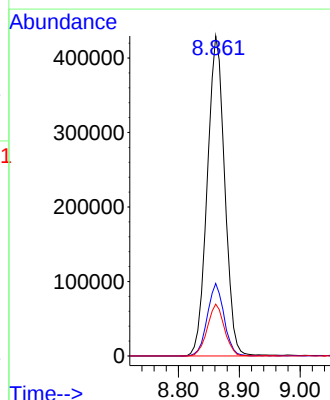
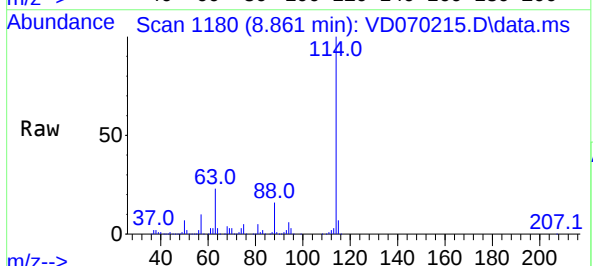
MMDadoda

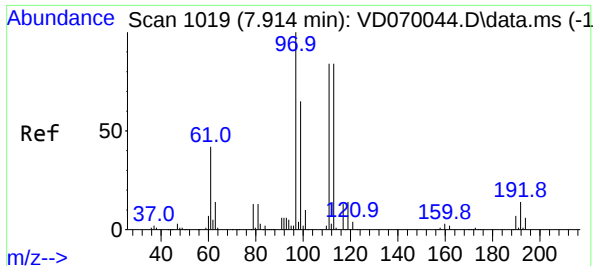
8/24/2021 6:16:21 PM



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 114 Resp: 855578
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.6
88 16.2 0.0 33.4





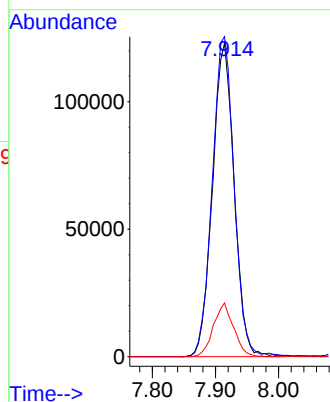
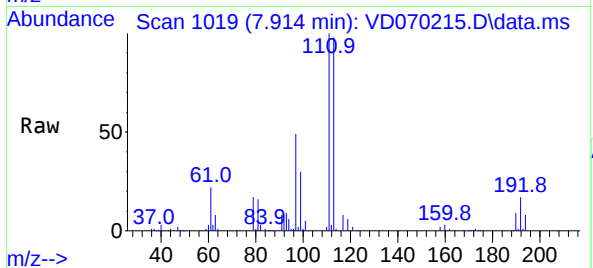
#35
Dibromofluoromethane
Concen: 52.983 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 113 Resp: 292867
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 16.0 13.2 19.8

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

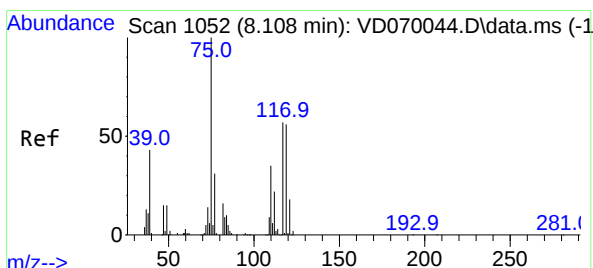
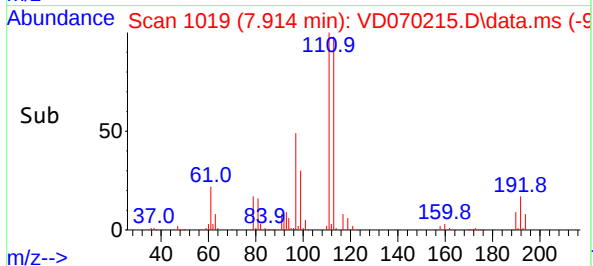
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

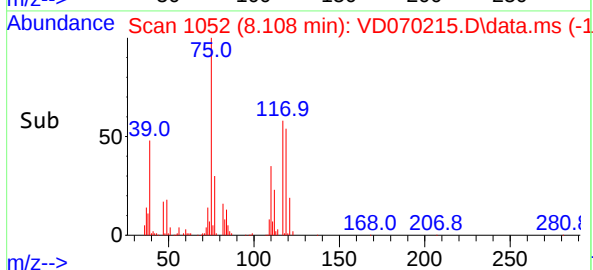
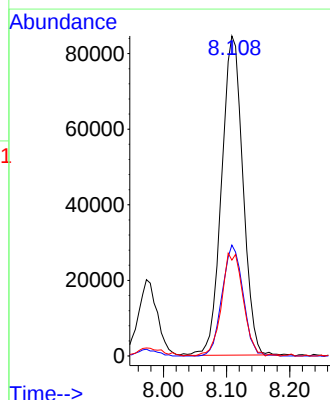
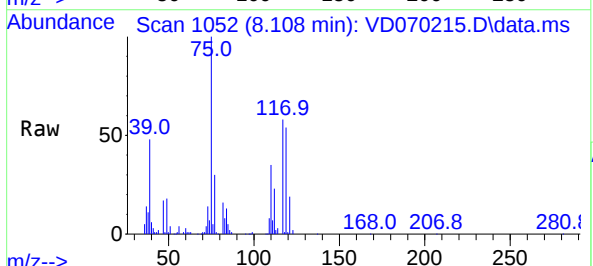
MMDadoda

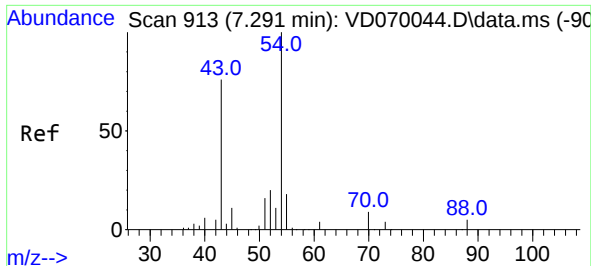
8/24/2021 6:16:21 PM



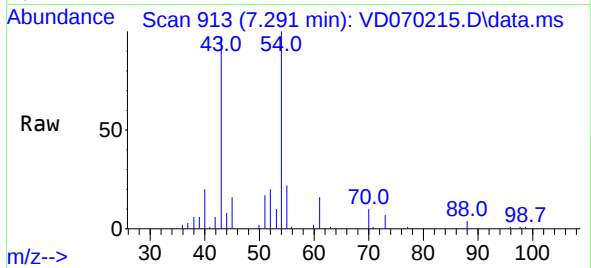
#36
1,1-Dichloropropene
Concen: 21.541 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 75 Resp: 198269
Ion Ratio Lower Upper
75 100
110 34.0 16.9 50.7
77 32.9 25.2 37.8

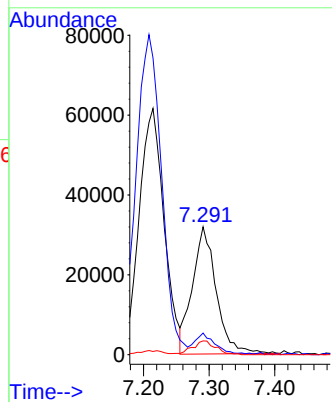
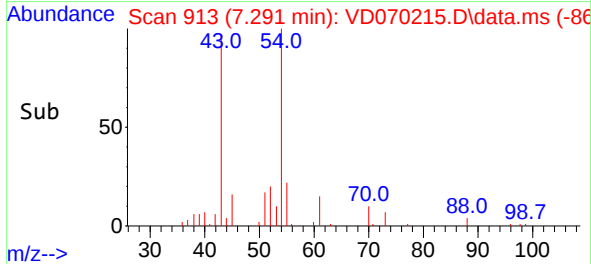




#37
Ethyl Acetate
Concen: 24.030 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 43 Resp: 80338
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 10.7 9.0 13.6



Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

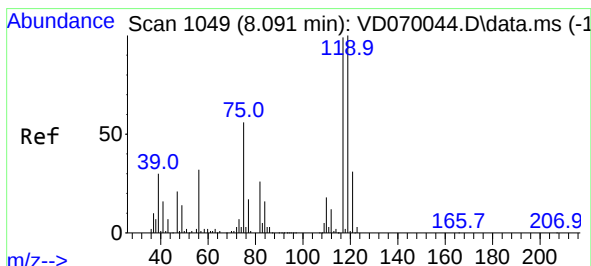
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

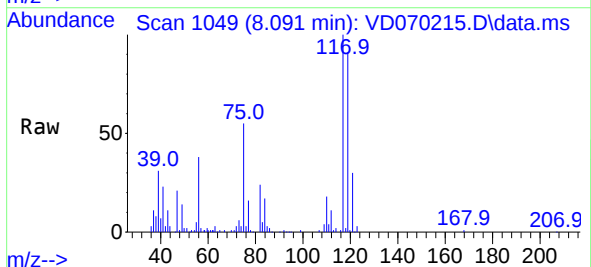
8/24/2021 6:16:21 PM

MMDadoda

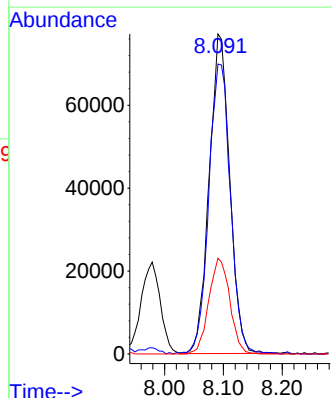
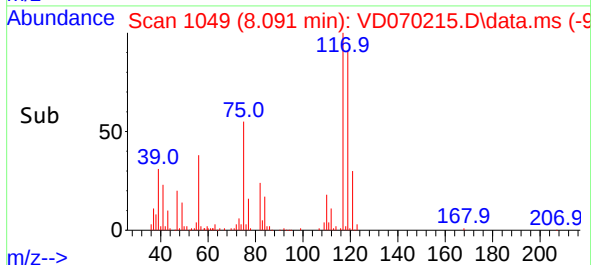
8/24/2021 6:16:21 PM

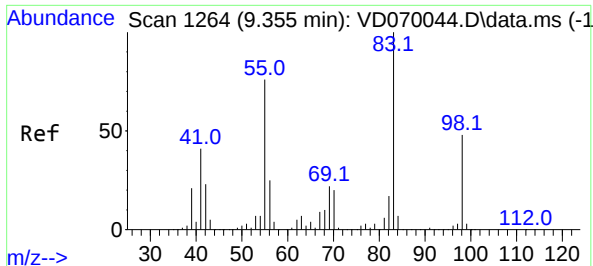


#38
Carbon Tetrachloride
Concen: 22.388 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 117 Resp: 187075
Ion Ratio Lower Upper
117 100
119 90.8 81.0 121.6
121 30.0 25.0 37.6





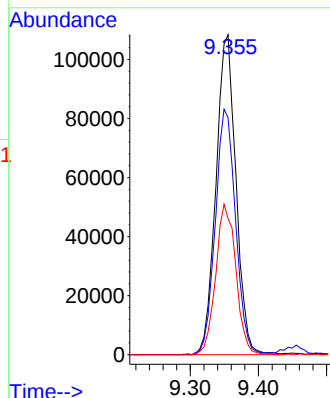
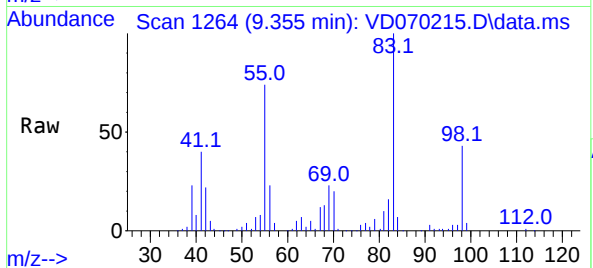
#39
Methylcyclohexane
Concen: 20.644 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 83 Resp: 221229
Ion Ratio Lower Upper
83 100
55 74.1 60.7 91.1
98 42.6 38.6 58.0

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

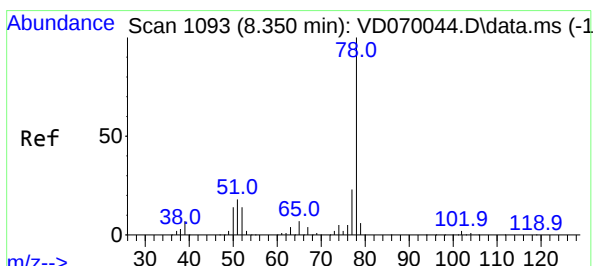
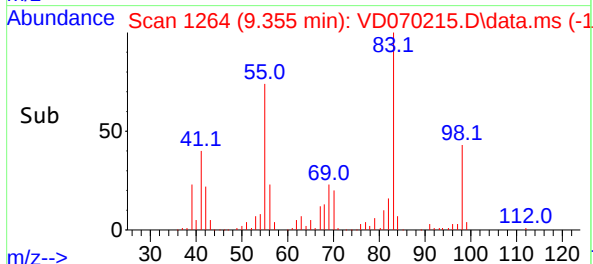
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

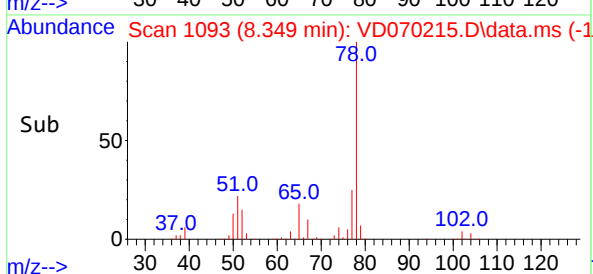
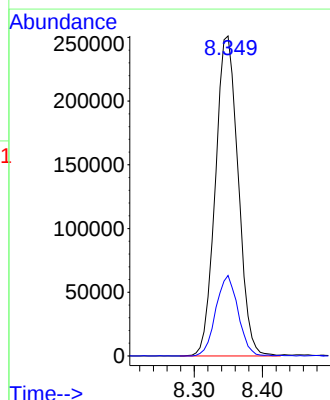
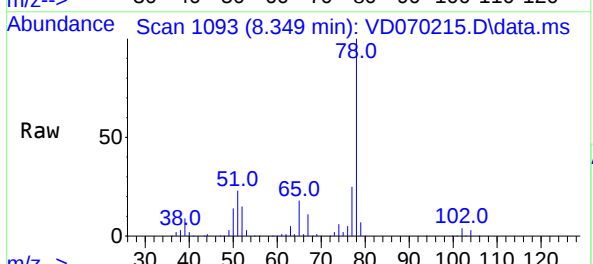
MMDadoda

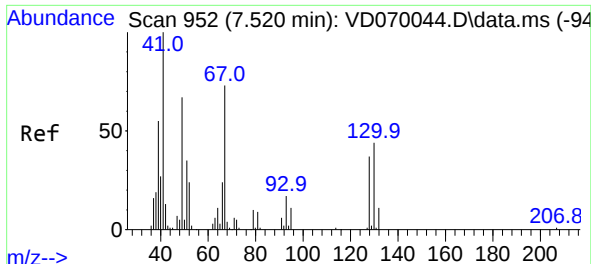
8/24/2021 6:16:21 PM



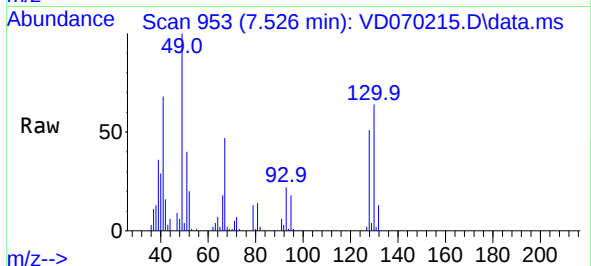
#40
Benzene
Concen: 21.866 ug/l
RT: 8.349 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 78 Resp: 583740
Ion Ratio Lower Upper
78 100
77 25.2 18.6 27.8

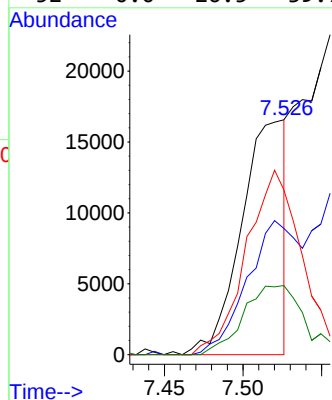




#41
Methacrylonitrile
Concen: 18.067 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 41 Resp: 32656
Ion Ratio Lower Upper
41 100
39 85.2 47.7 71.5#
67 0.0 68.2 102.2#
52 0.0 26.5 39.7#



Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

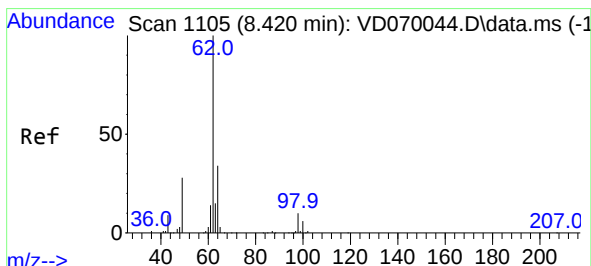
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

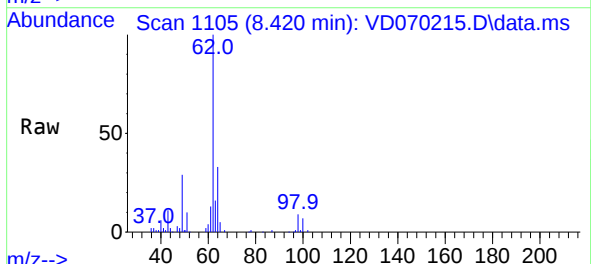
8/24/2021 6:16:21 PM

MMDadoda

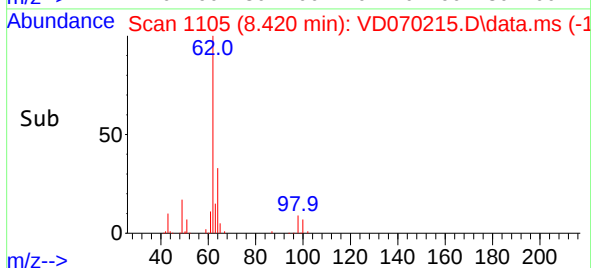
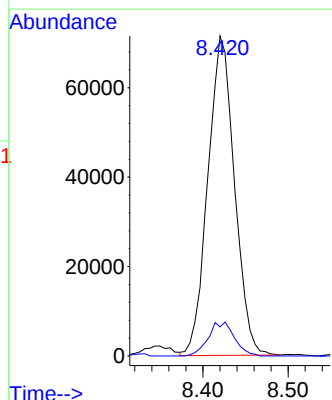
8/24/2021 6:16:21 PM

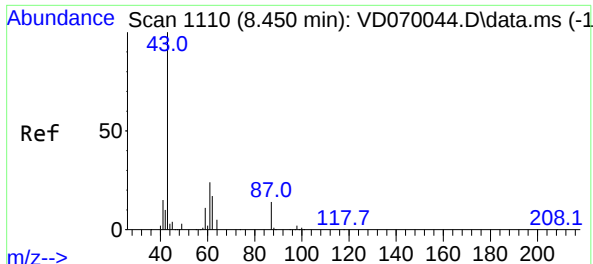


#42
1,2-Dichloroethane
Concen: 22.730 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 62 Resp: 155520
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.2





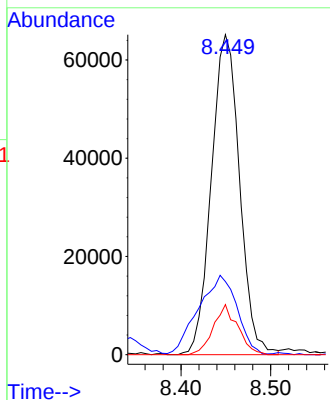
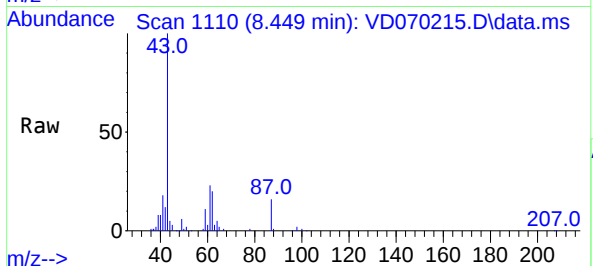
#43
Isopropyl Acetate
Concen: 22.786 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 43 Resp: 142219
Ion Ratio Lower Upper
43 100
61 34.0 27.7 41.5
87 13.6 11.5 17.3

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

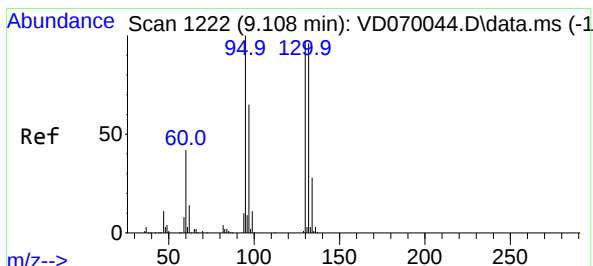
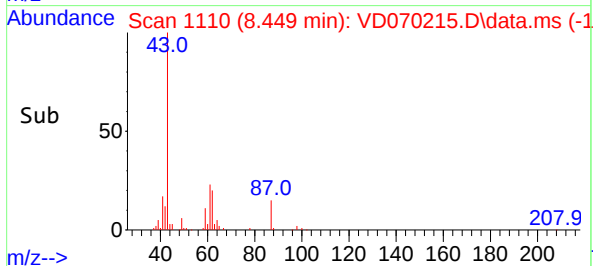
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

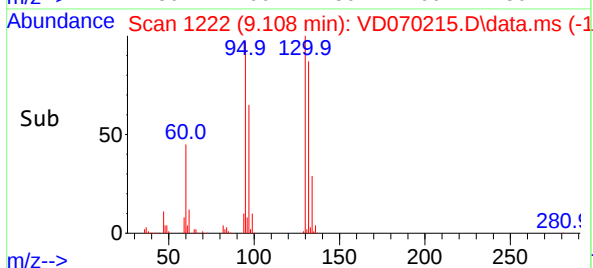
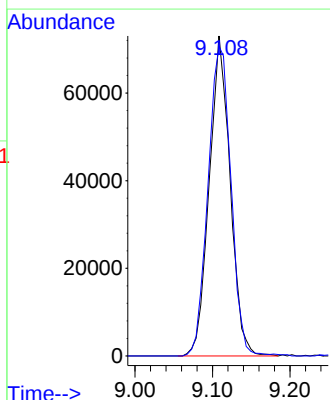
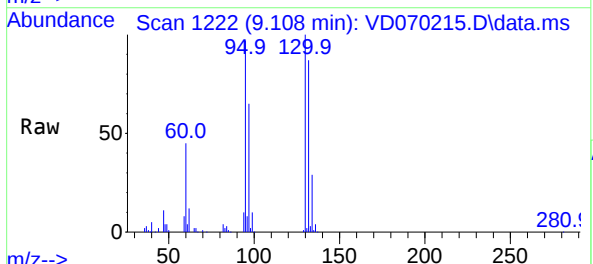
MMDadoda

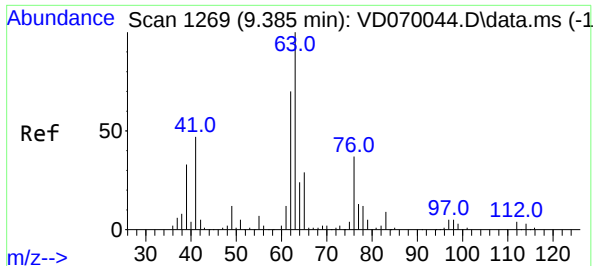
8/24/2021 6:16:21 PM



#44
Trichloroethene
Concen: 21.190 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:130 Resp: 136659
Ion Ratio Lower Upper
130 100
95 96.8 0.0 206.4





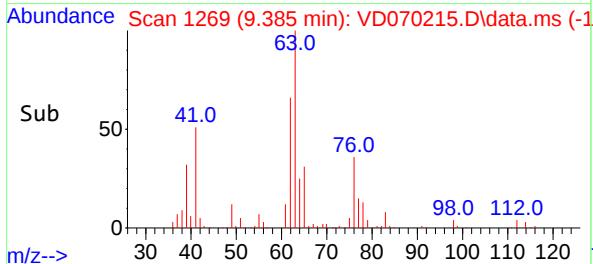
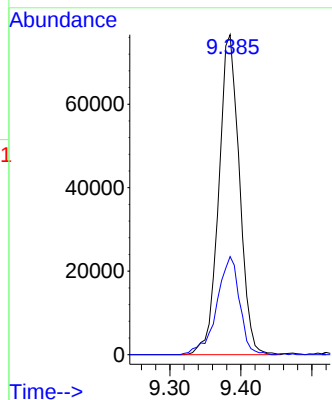
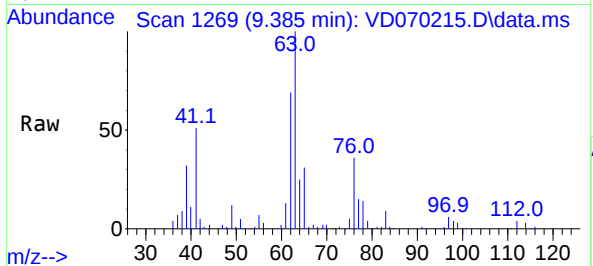
#45
1,2-Dichloropropane
Concen: 22.272 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 63 Resp: 154447
Ion Ratio Lower Upper
63 100
65 30.6 23.4 35.0

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

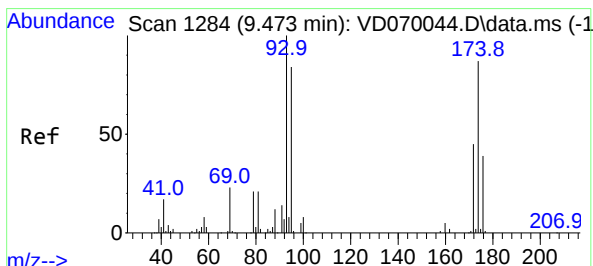
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

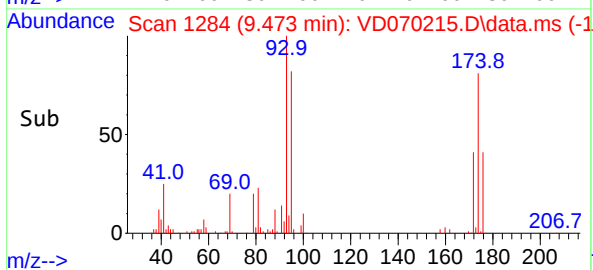
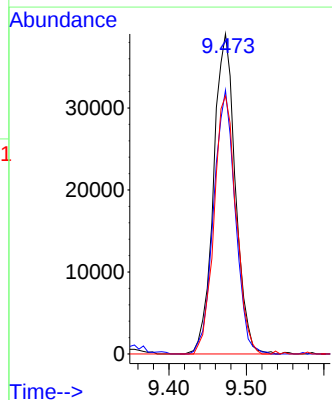
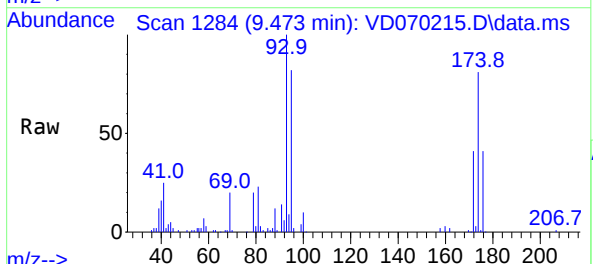
MMDadoda

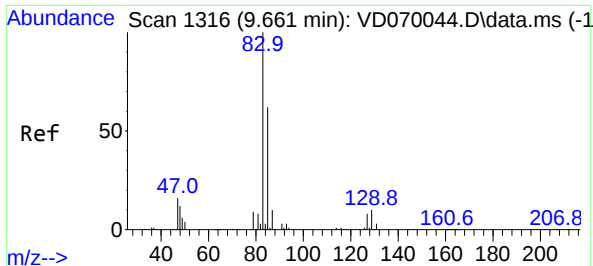
8/24/2021 6:16:21 PM



#46
Dibromomethane
Concen: 22.681 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 93 Resp: 76394
Ion Ratio Lower Upper
93 100
95 81.5 68.1 102.1
174 81.4 68.2 102.4





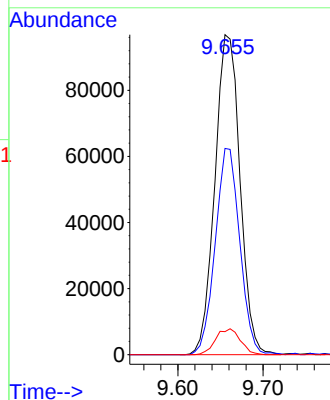
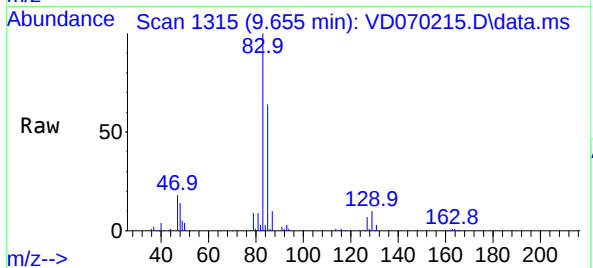
#47
Bromodichloromethane
Concen: 22.758 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 83 Resp: 198317
Ion Ratio Lower Upper
83 100
85 64.4 49.6 74.4
127 7.2 6.8 10.2

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

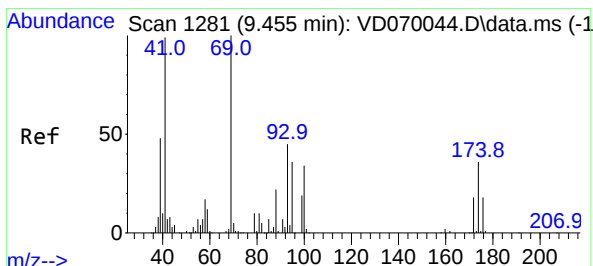
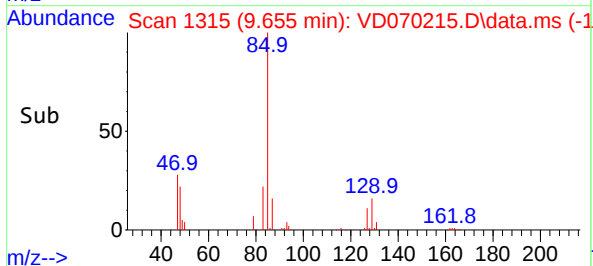
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

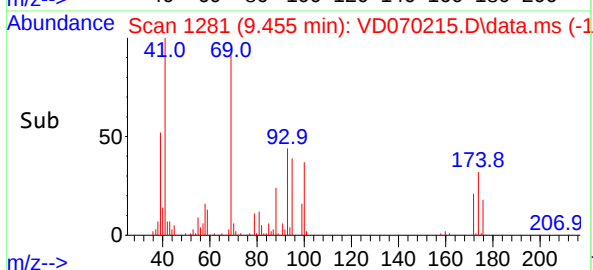
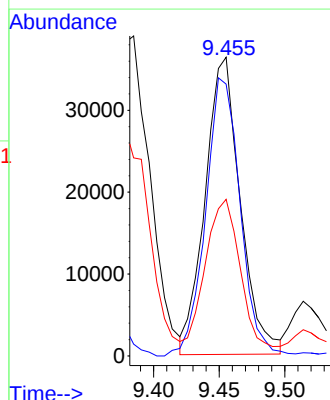
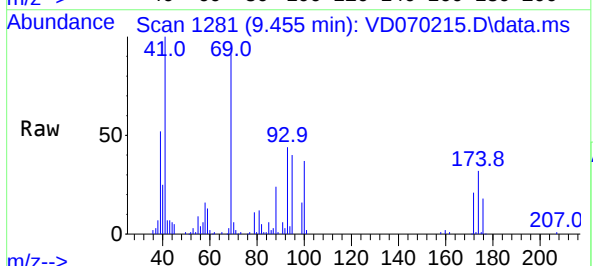
MMDadoda

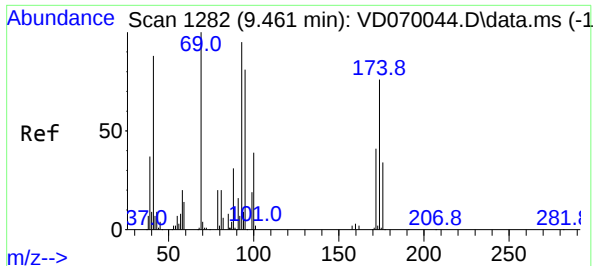
8/24/2021 6:16:21 PM



#48
Methyl methacrylate
Concen: 22.777 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 41 Resp: 67792
Ion Ratio Lower Upper
41 100
69 92.0 74.6 111.8
39 47.4 35.9 53.9





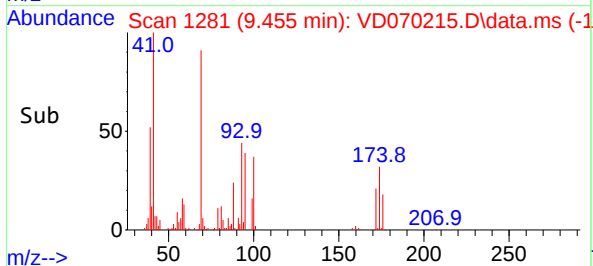
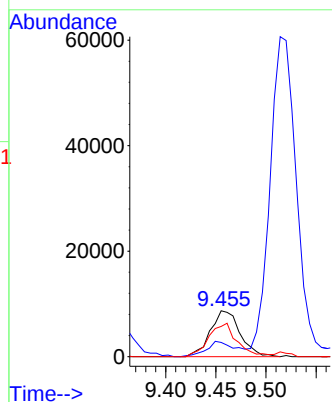
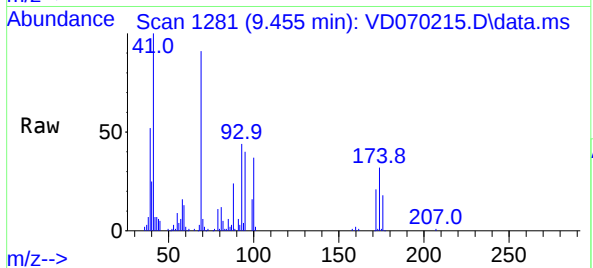
#49
1,4-Dioxane
Concen: 490.118 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 88 Resp: 17965
Ion Ratio Lower Upper
88 100
43 32.3 25.8 38.6
58 69.1 57.4 86.2

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

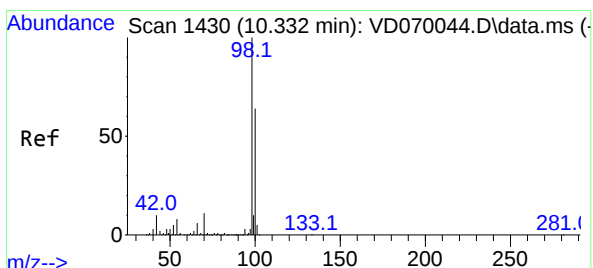
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

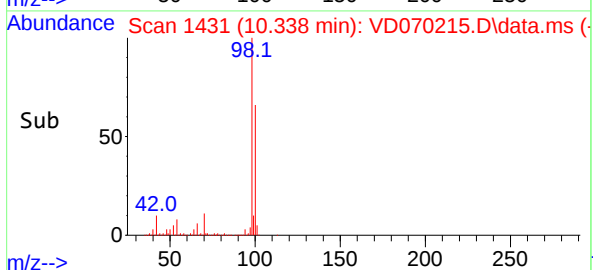
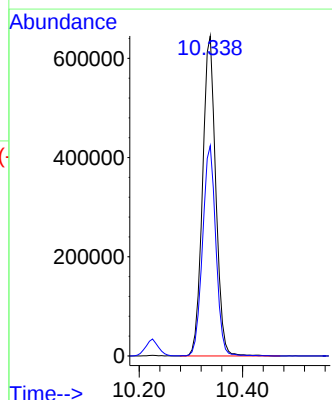
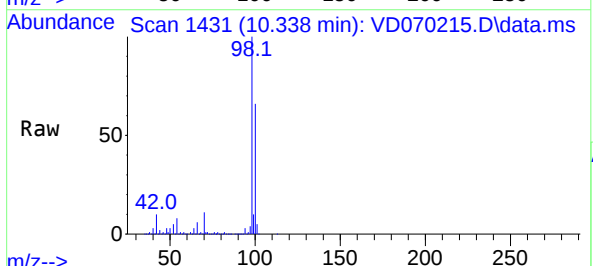
MMDadoda

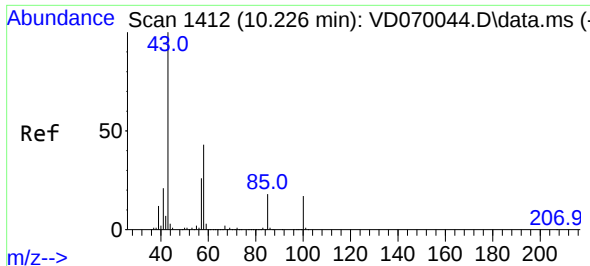
8/24/2021 6:16:21 PM



#50
Toluene-d8
Concen: 53.178 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 98 Resp: 1143281
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8





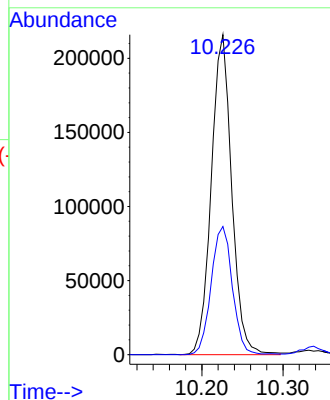
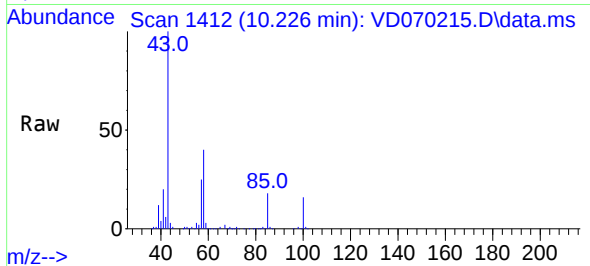
#51
4-Methyl-2-Pentanone
Concen: 116.440 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 43 Resp: 377893
Ion Ratio Lower Upper
43 100
58 41.5 33.9 50.9

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

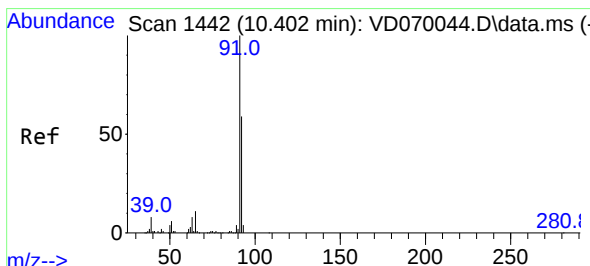
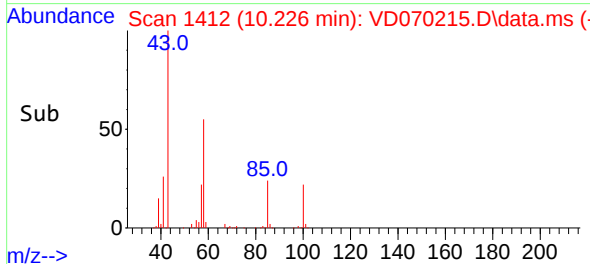
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

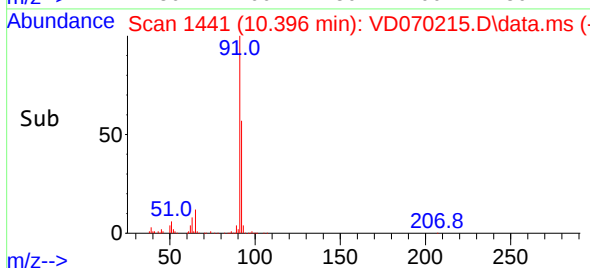
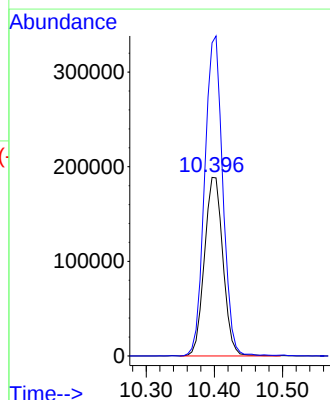
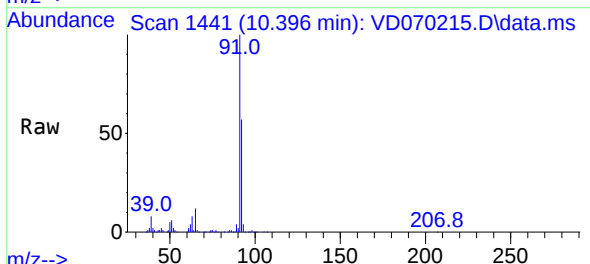
MMDadoda

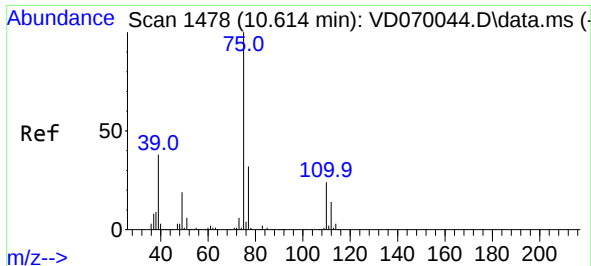
8/24/2021 6:16:21 PM



#52
Toluene
Concen: 21.940 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 92 Resp: 356507
Ion Ratio Lower Upper
92 100
91 175.0 137.2 205.8





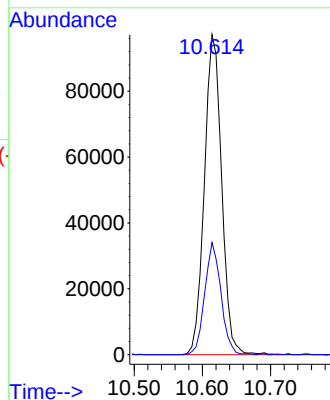
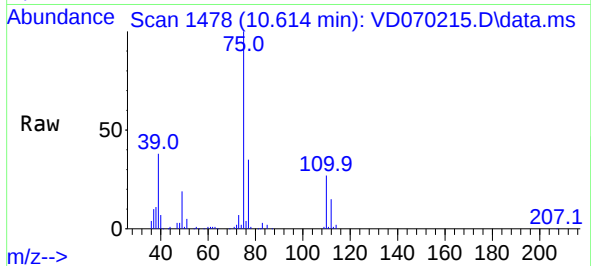
#53
t-1,3-Dichloropropene
Concen: 22.204 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 75 Resp: 171383
Ion Ratio Lower Upper
75 100
77 35.1 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

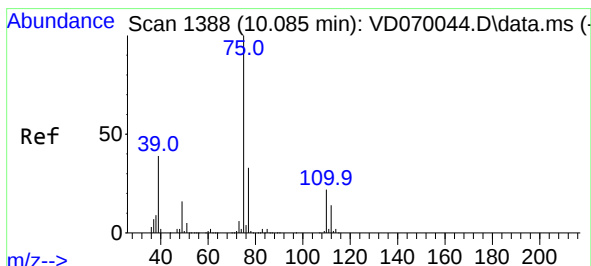
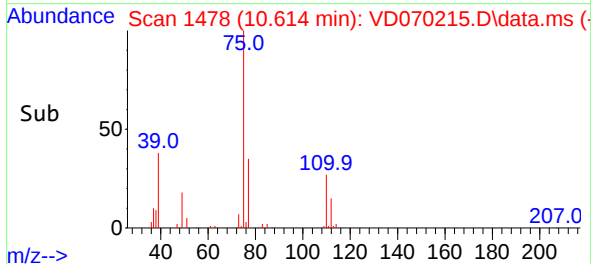
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

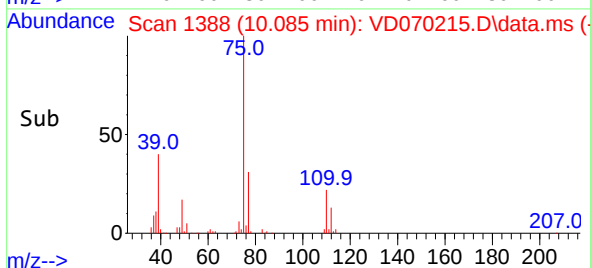
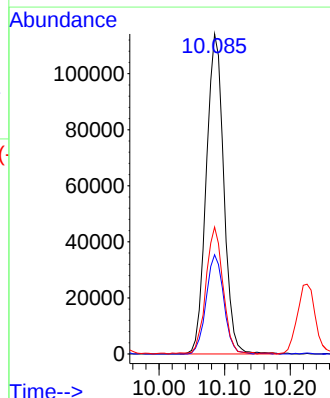
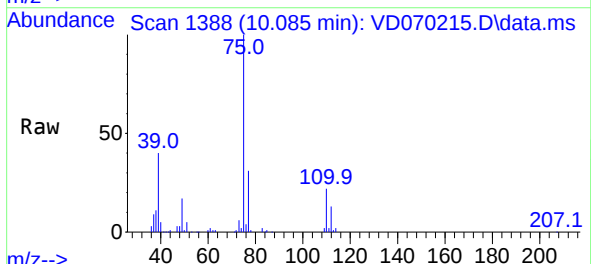
MMDadoda

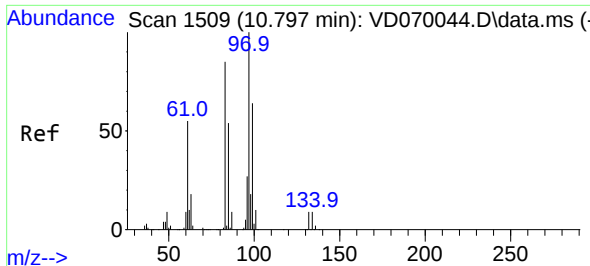
8/24/2021 6:16:21 PM



#54
cis-1,3-Dichloropropene
Concen: 22.644 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 75 Resp: 212138
Ion Ratio Lower Upper
75 100
77 31.0 26.3 39.5
39 39.4 31.4 47.2





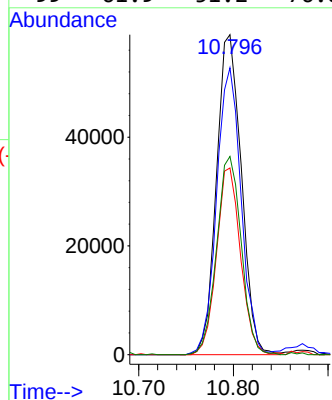
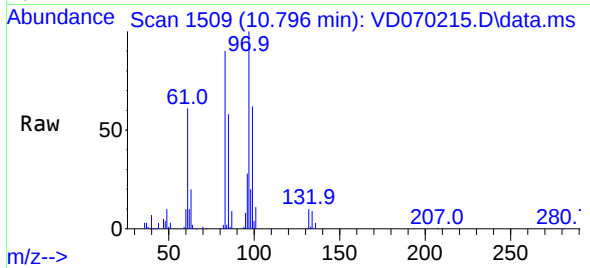
#55
1,1,2-Trichloroethane
Concen: 22.500 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:	97	Resp:	107373
Ion	Ratio	Lower	Upper
97	100		
83	89.6	67.8	101.6
85	58.3	43.4	65.0
99	61.9	51.2	76.8

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

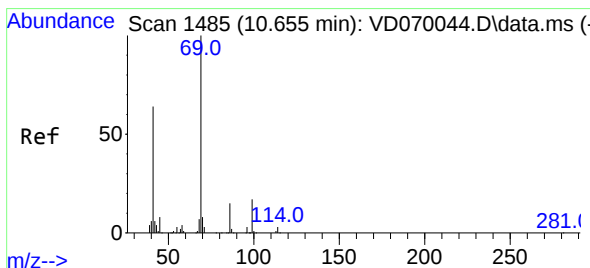
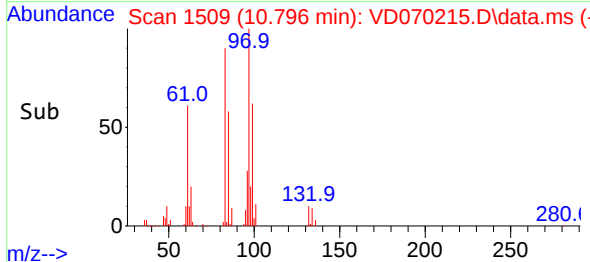
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

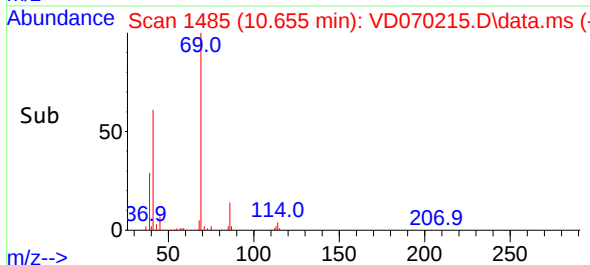
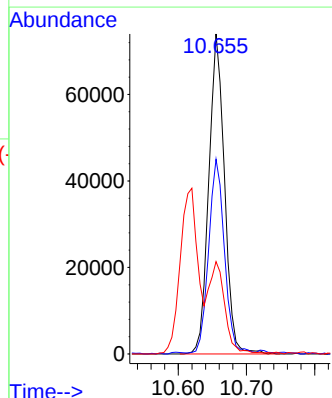
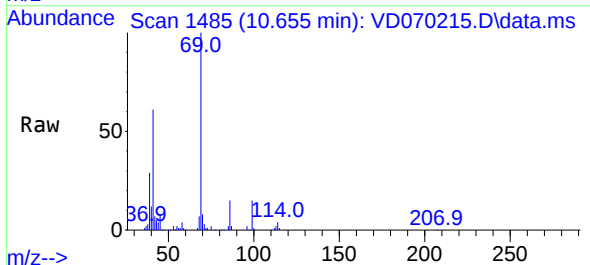
MMDadoda

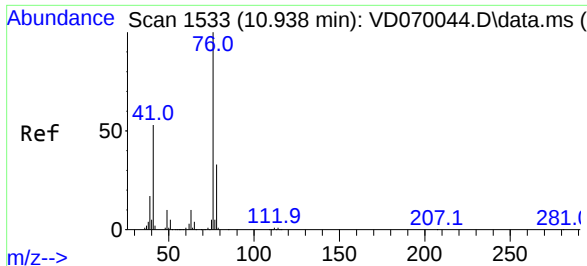
8/24/2021 6:16:21 PM



#56
Ethyl methacrylate
Concen: 21.859 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

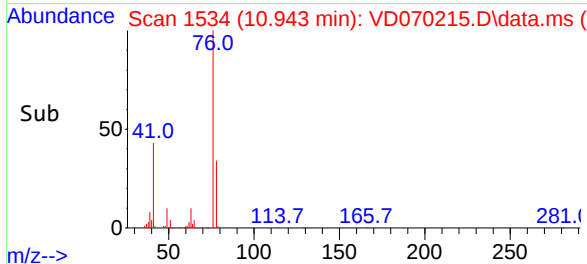
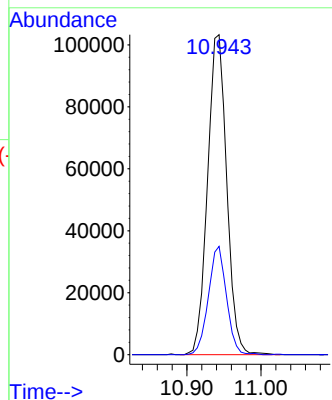
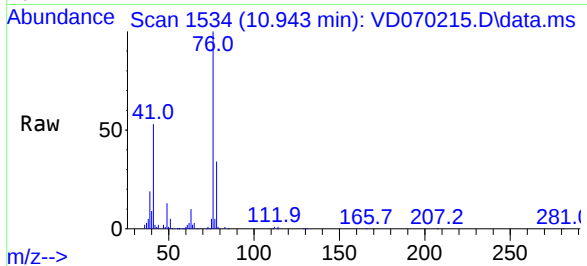
Tgt Ion:	69	Resp:	118710
Ion	Ratio	Lower	Upper
69	100		
41	60.5	48.9	73.3
39	28.8	21.6	32.4





#57
1,3-Dichloropropane
Concen: 22.446 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 76 Resp: 185439
Ion Ratio Lower Upper
76 100
78 32.0 25.9 38.9



Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

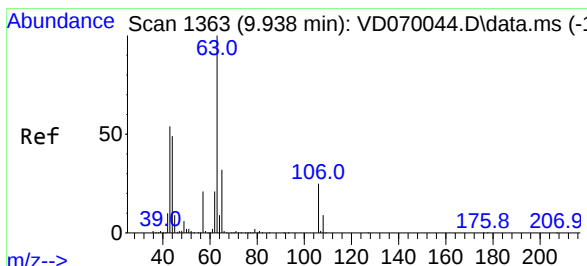
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

8/24/2021 6:16:21 PM

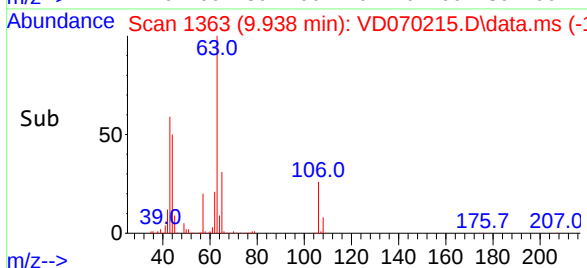
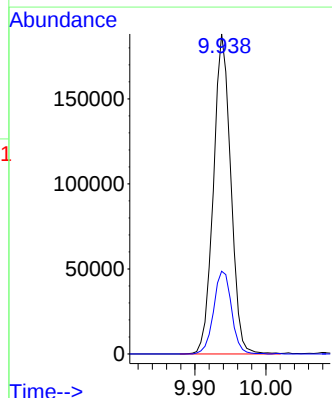
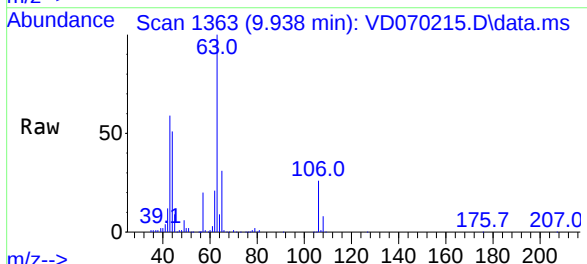
MMDadoda

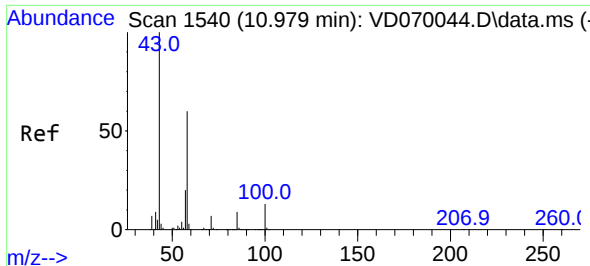
8/24/2021 6:16:21 PM



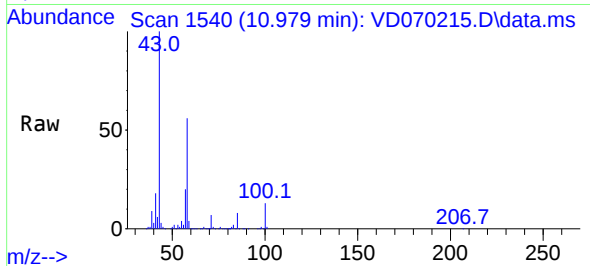
#58
2-Chloroethyl Vinyl ether
Concen: 111.274 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 63 Resp: 318724
Ion Ratio Lower Upper
63 100
106 26.6 21.2 31.8

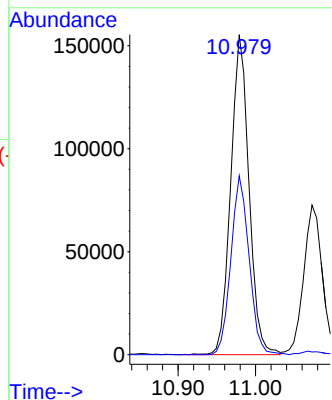
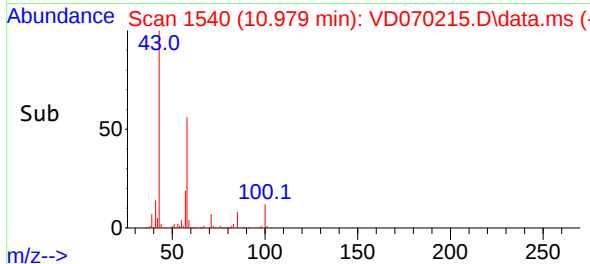




#59
2-Hexanone
Concen: 116.980 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 43 Resp: 254250
Ion Ratio Lower Upper
43 100
58 55.9 29.5 88.5



Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

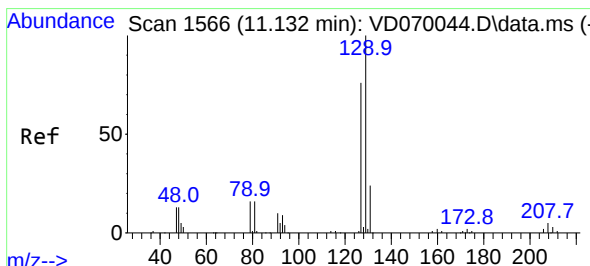
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

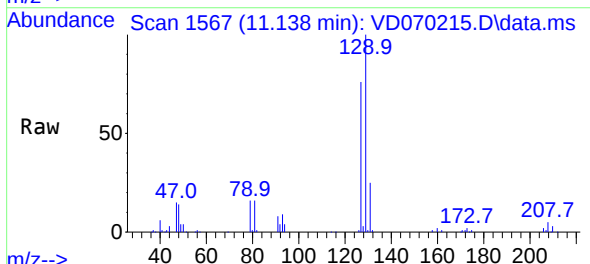
8/24/2021 6:16:21 PM

MMDadoda

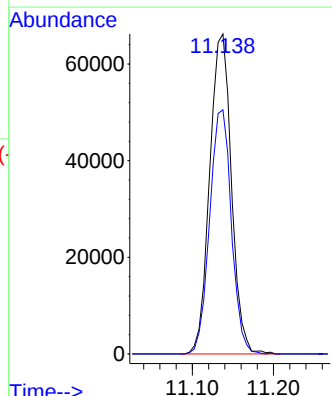
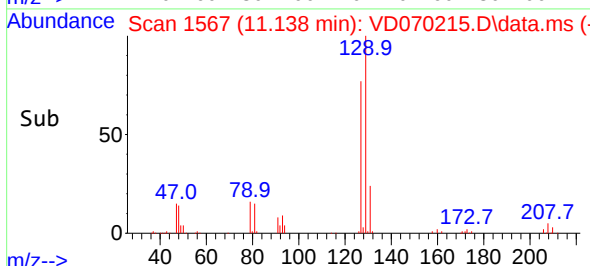
8/24/2021 6:16:21 PM

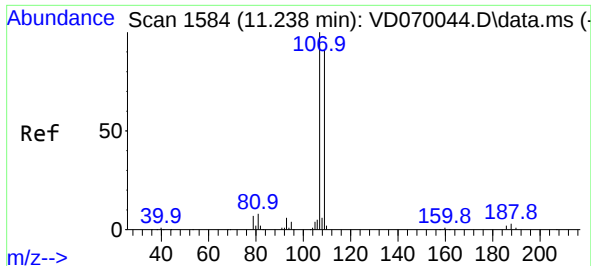


#60
Dibromochloromethane
Concen: 22.521 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

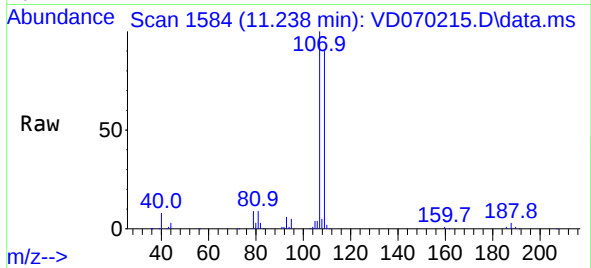


Tgt Ion: 129 Resp: 123116
Ion Ratio Lower Upper
129 100
127 76.2 39.4 118.2

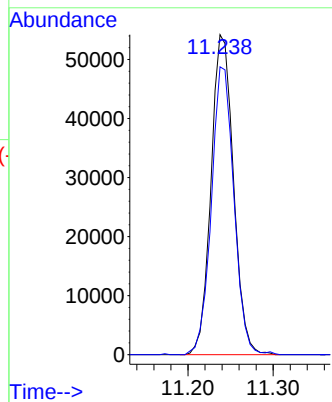
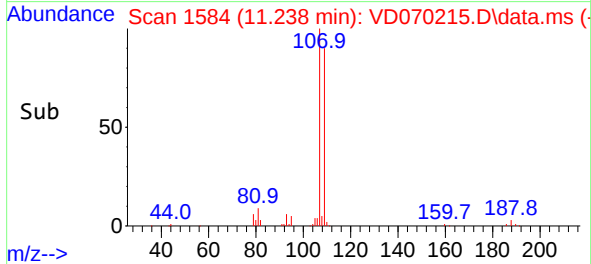




#61
1,2-Dibromoethane
Concen: 22.922 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion:107 Resp: 99030
Ion Ratio Lower Upper
107 100
109 90.3 74.6 112.0



Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

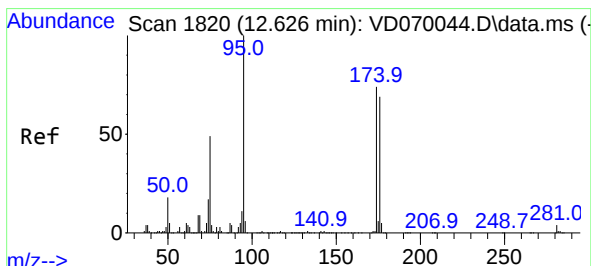
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

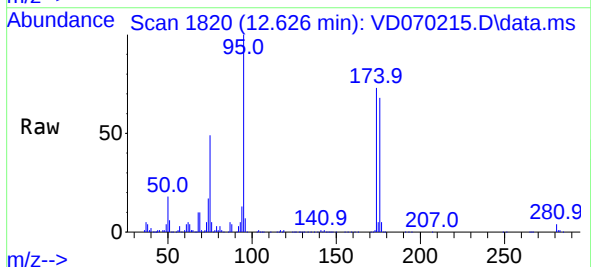
8/24/2021 6:16:21 PM

MMDadoda

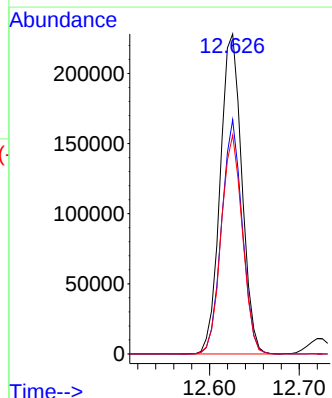
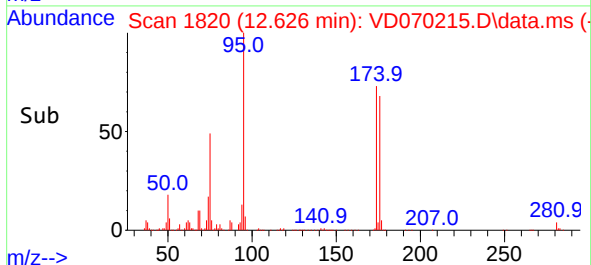
8/24/2021 6:16:21 PM

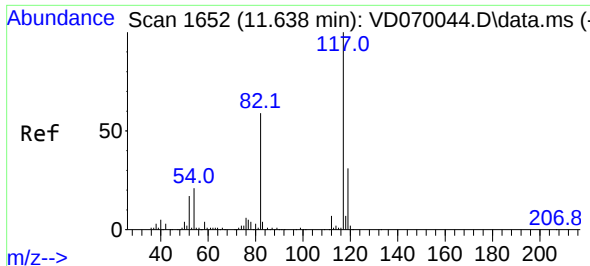


#62
4-Bromofluorobenzene
Concen: 53.891 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



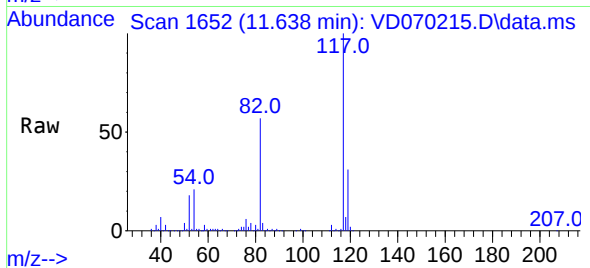
Tgt Ion: 95 Resp: 381616
Ion Ratio Lower Upper
95 100
174 69.8 0.0 141.6
176 66.9 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

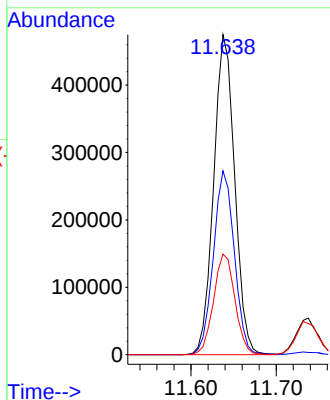
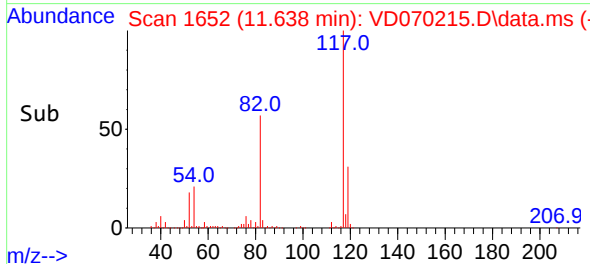
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01



Tgt Ion:117 Resp: 812275
Ion Ratio Lower Upper
117 100
82 57.4 47.5 71.3
119 31.4 25.1 37.7

Manual Integrations
APPROVED

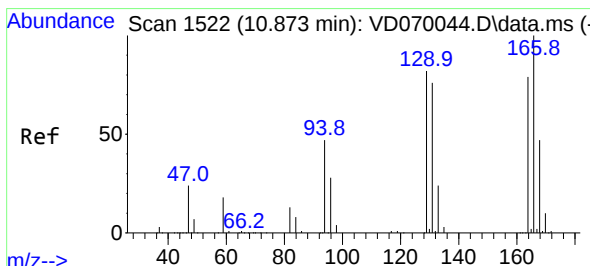
MMDadoda
8/24/2021 6:16:21 PM



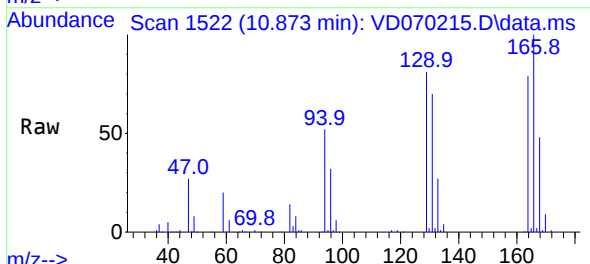
8/24/2021 6:16:21 PM

MMDadoda

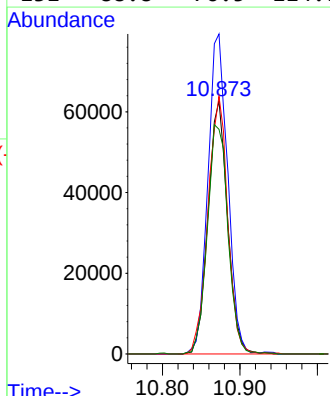
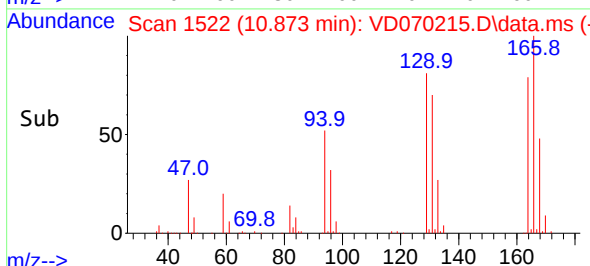
8/24/2021 6:16:21 PM

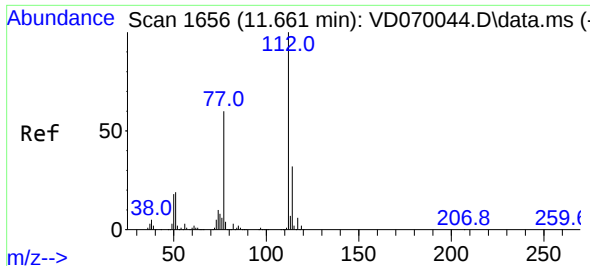


#64
Tetrachloroethene
Concen: 21.013 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

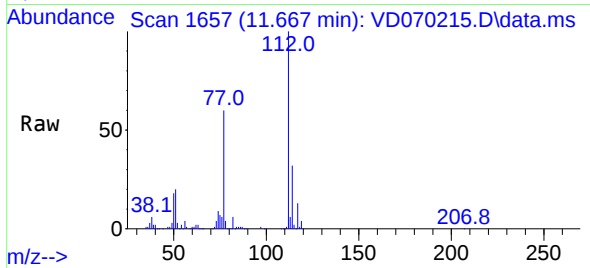


Tgt Ion:164 Resp: 110110
Ion Ratio Lower Upper
164 100
166 126.5 101.3 151.9
129 101.8 82.9 124.3
131 88.8 76.5 114.7

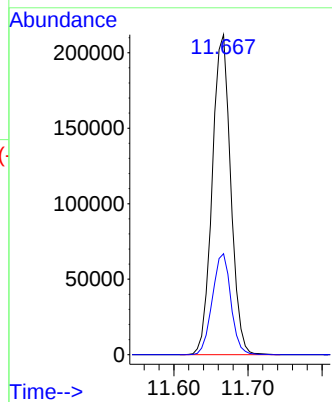
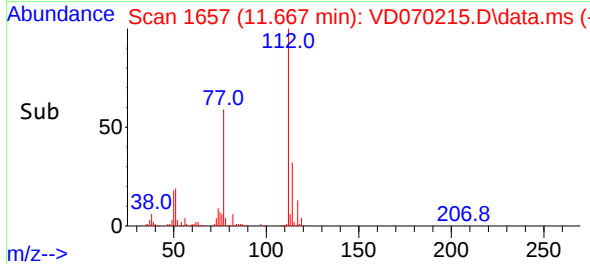




#65
Chlorobenzene
Concen: 21.614 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion:112 Resp: 366817
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

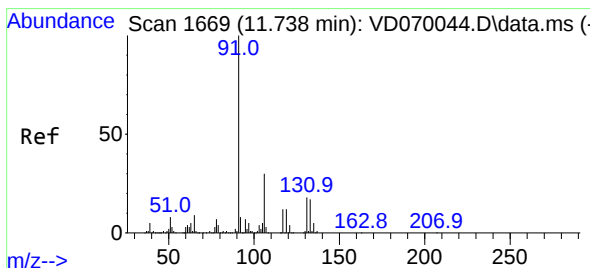
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

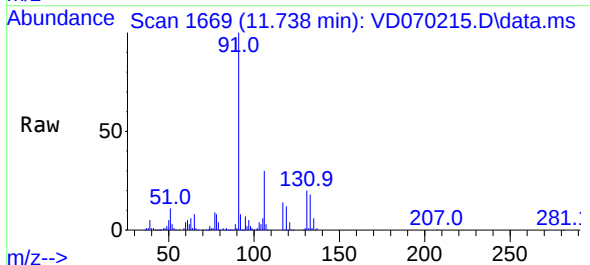
8/24/2021 6:16:21 PM

MMDadoda

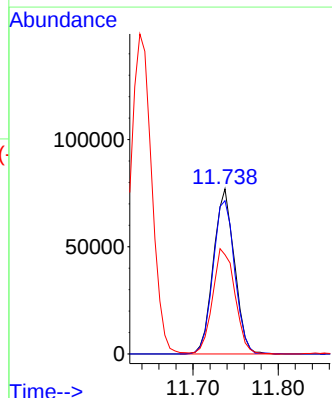
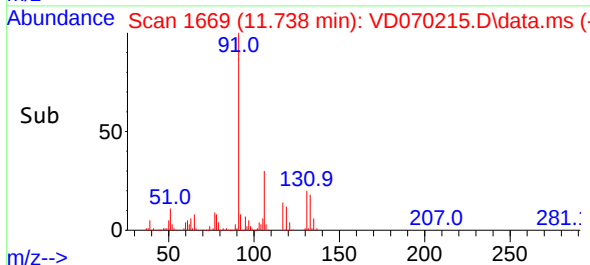
8/24/2021 6:16:21 PM

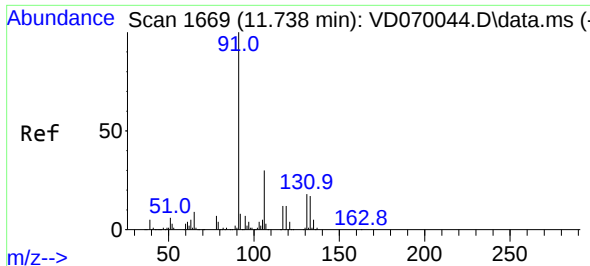


#66
1,1,1,2-Tetrachloroethane
Concen: 21.913 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion:131 Resp: 132069
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 67.7 34.0 102.0





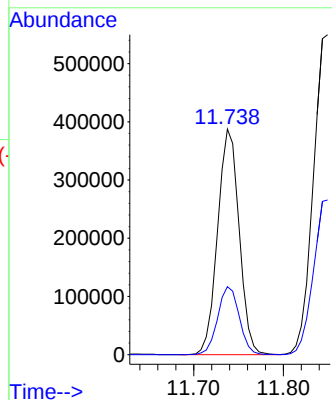
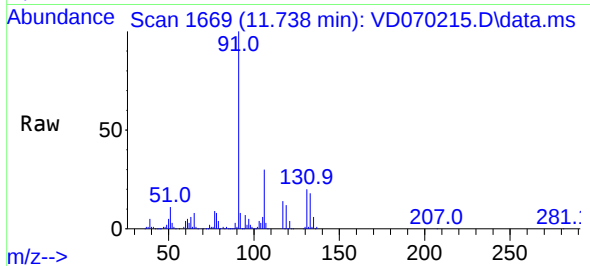
#67
Ethyl Benzene
Concen: 21.513 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 91 Resp: 645518
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

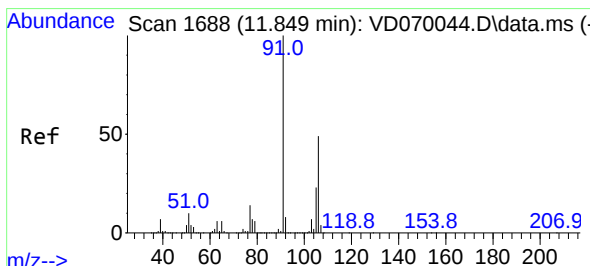
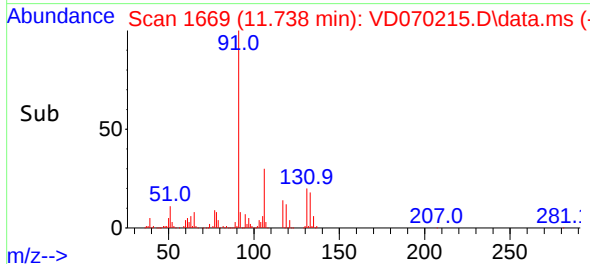
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

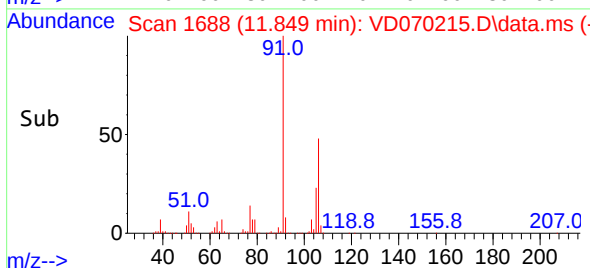
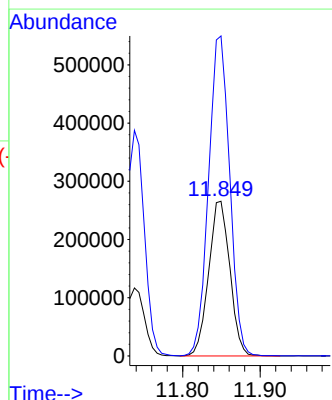
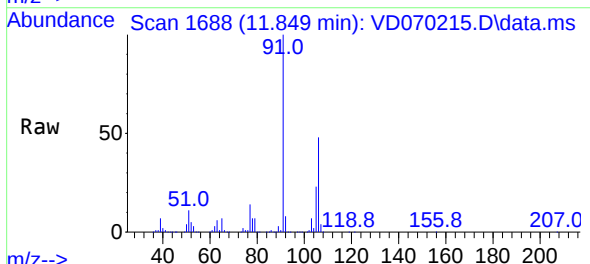
MMDadoda

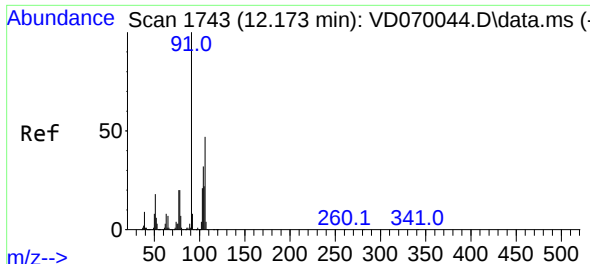
8/24/2021 6:16:21 PM



#68
m/p-Xylenes
Concen: 43.385 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 106 Resp: 504508
Ion Ratio Lower Upper
106 100
91 206.3 164.6 246.8





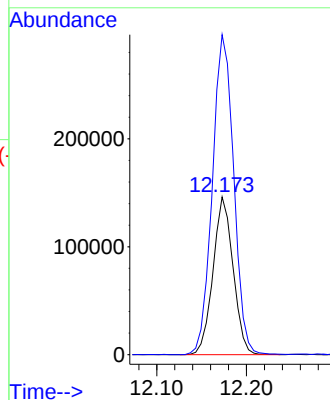
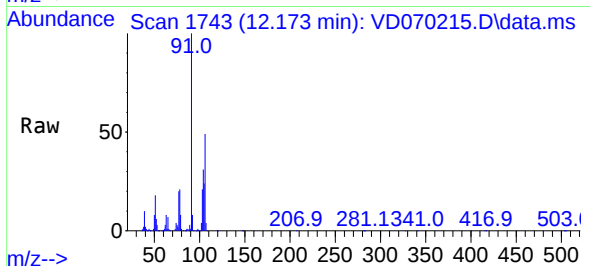
#69
o-Xylene
Concen: 21.640 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:106 Resp: 227051
Ion Ratio Lower Upper
106 100
91 216.0 108.6 325.8

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

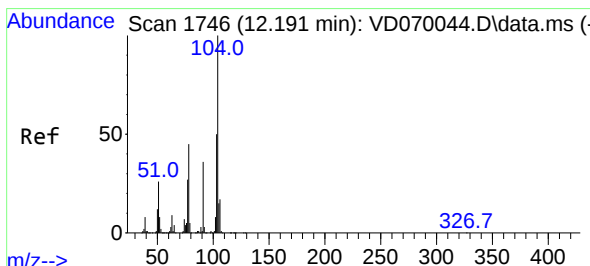
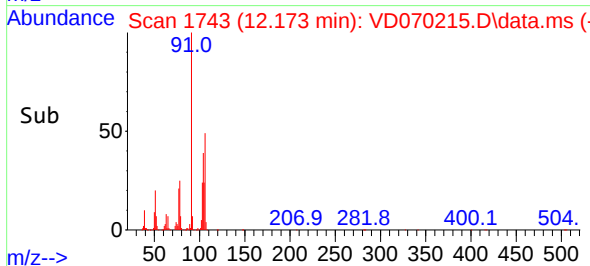
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

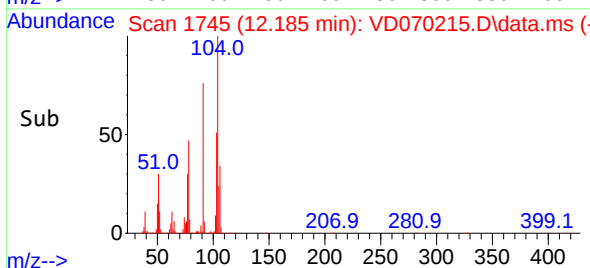
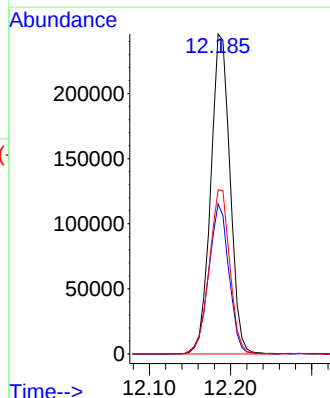
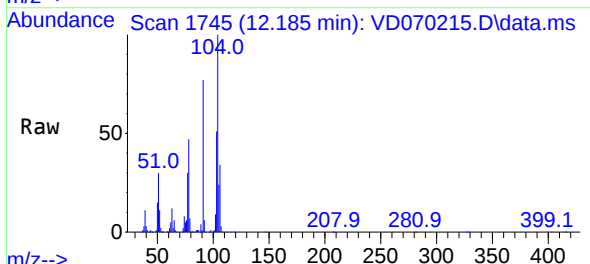
MMDadoda

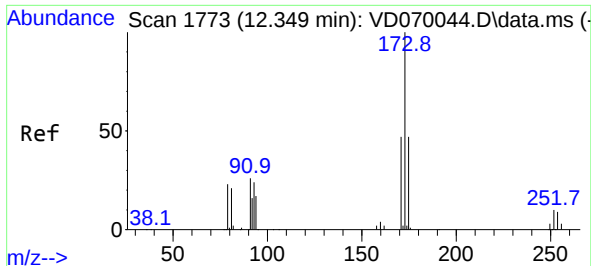
8/24/2021 6:16:21 PM



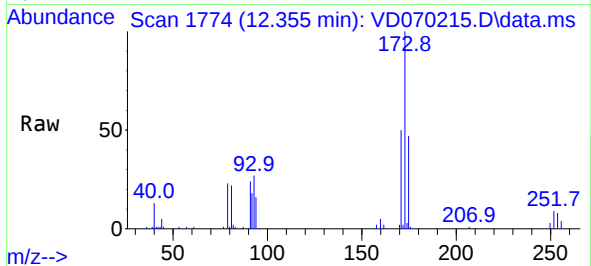
#70
Styrene
Concen: 22.129 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:104 Resp: 406663
Ion Ratio Lower Upper
104 100
78 49.2 39.7 59.5
103 54.5 43.8 65.6

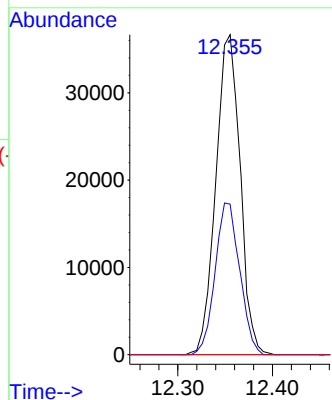




#71
Bromoform
Concen: 22.292 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion:173 Resp: 65458
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.2
254 0.0 0.0 0.0



Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

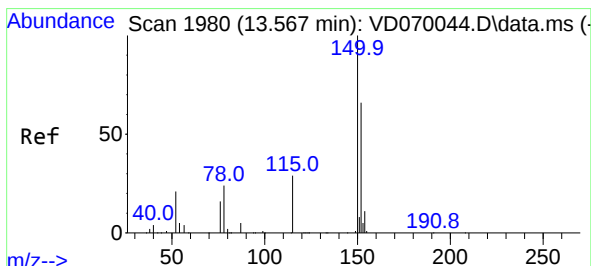
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

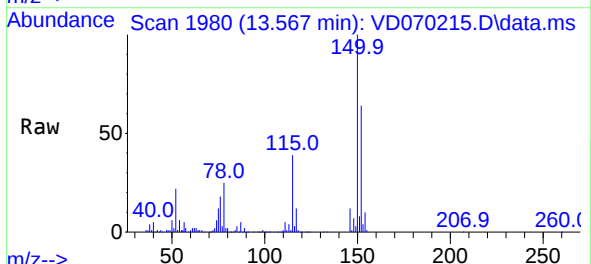
8/24/2021 6:16:21 PM

MMDadoda

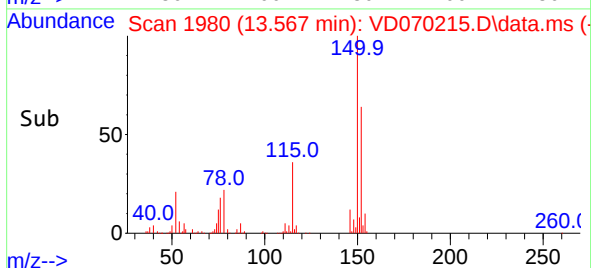
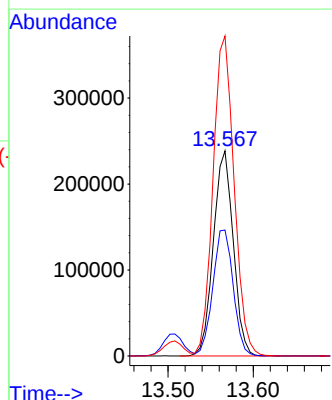
8/24/2021 6:16:21 PM

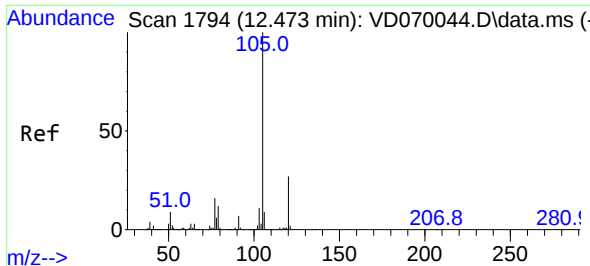


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion:152 Resp: 387607
Ion Ratio Lower Upper
152 100
115 63.0 31.2 93.6
150 165.3 0.0 352.0





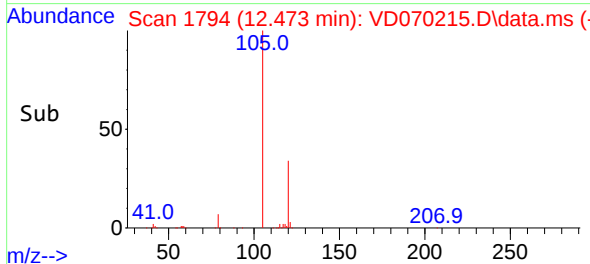
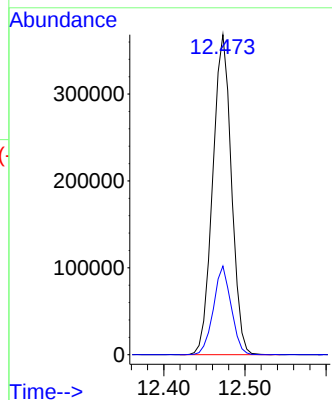
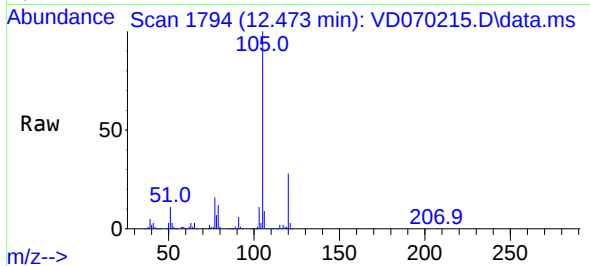
#73
Isopropylbenzene
Concen: 20.824 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 105 Resp: 588604
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.8

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

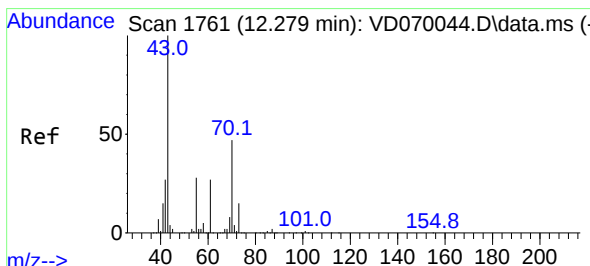
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

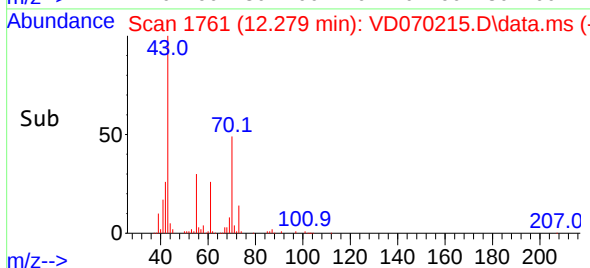
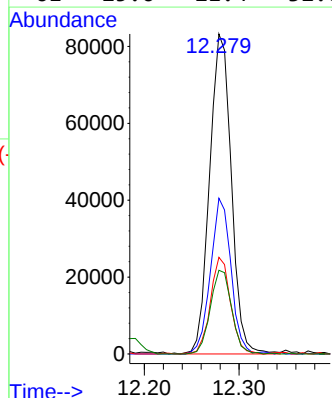
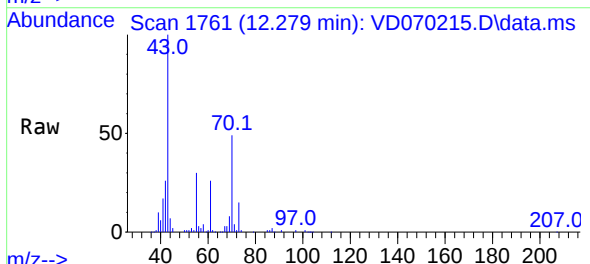
MMDadoda

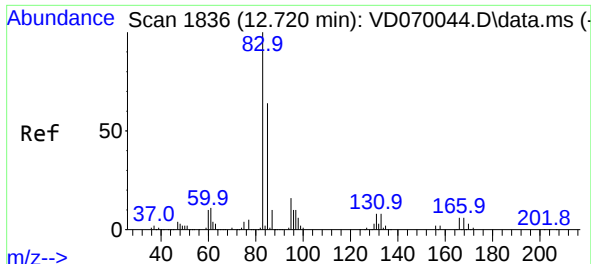
8/24/2021 6:16:21 PM



#74
N-ethyl acetate
Concen: 21.772 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 43 Resp: 132682
Ion Ratio Lower Upper
43 100
70 46.0 37.2 55.8
55 28.0 22.9 34.3
61 25.6 21.4 32.0





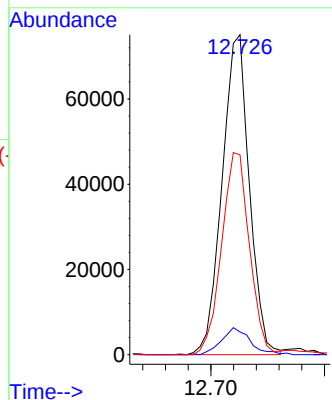
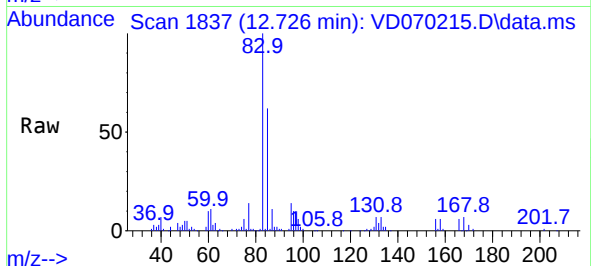
#75
1,1,2,2-Tetrachloroethane
Concen: 22.155 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 83 Resp: 124949
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 64.6 31.9 95.5

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

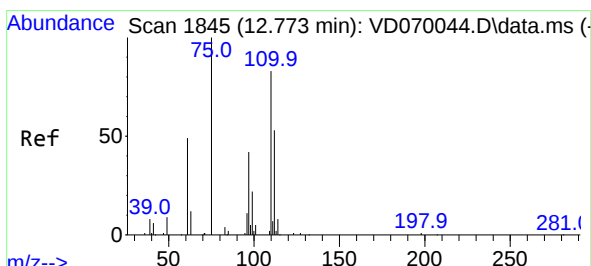
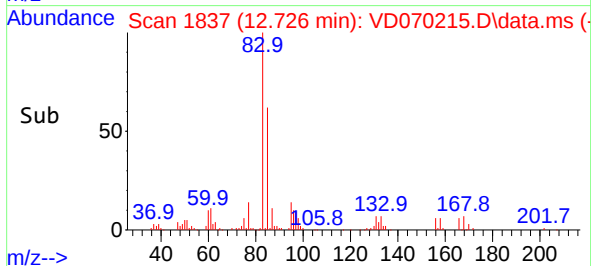
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

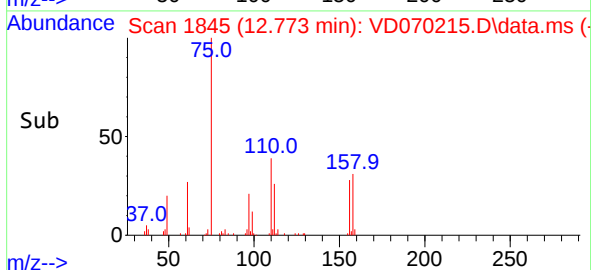
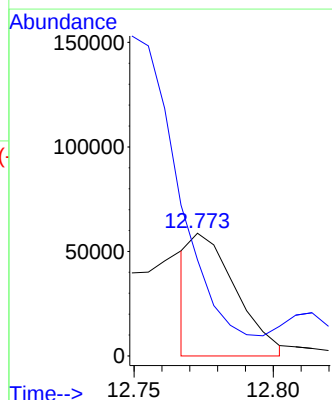
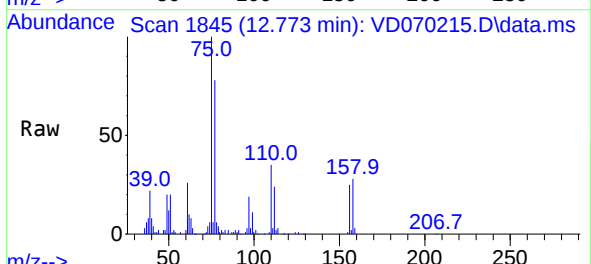
MMDadoda

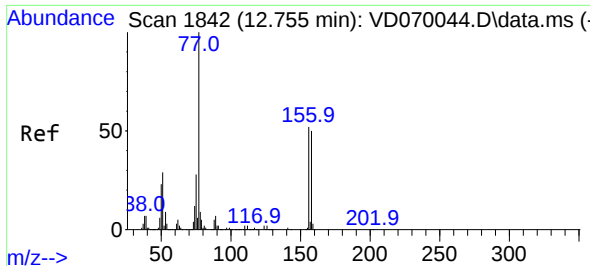
8/24/2021 6:16:21 PM



#76
1,2,3-Trichloropropane
Concen: 16.832 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 75 Resp: 66163
Ion Ratio Lower Upper
75 100
77 0.0 182.4 547.2#





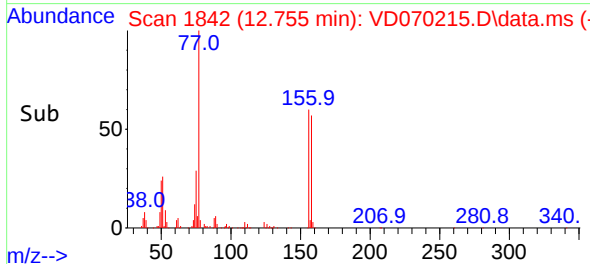
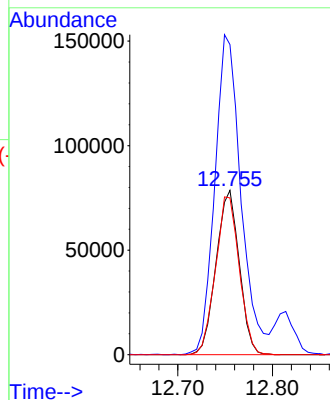
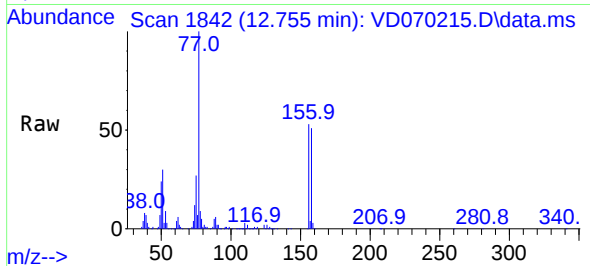
#77
Bromobenzene
Concen: 21.332 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:156 Resp: 133829
Ion Ratio Lower Upper
156 100
77 219.7 106.9 320.7
158 98.7 47.6 142.8

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

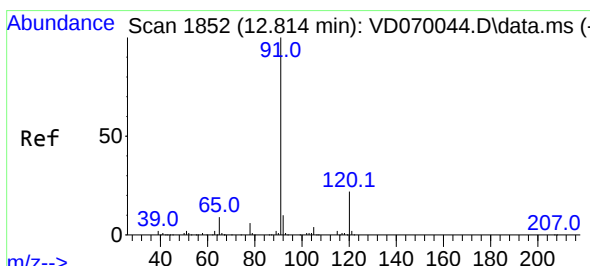
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

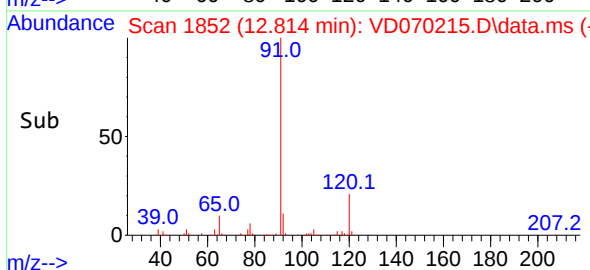
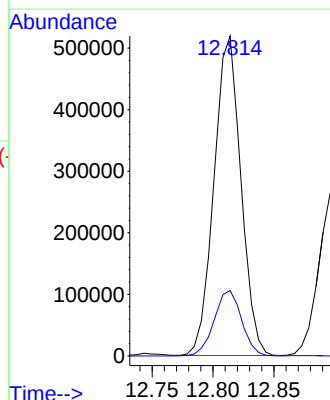
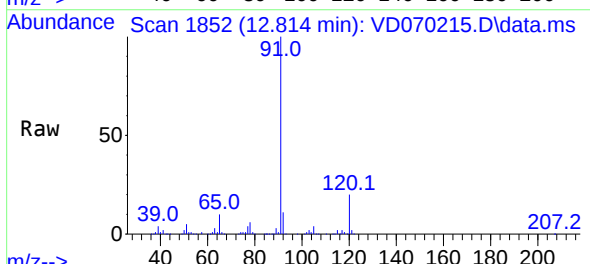
MMDadoda

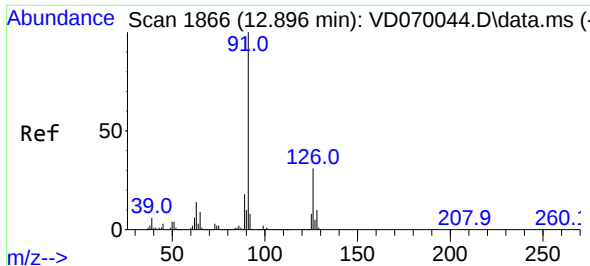
8/24/2021 6:16:21 PM



#78
n-propylbenzene
Concen: 21.874 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 91 Resp: 797358
Ion Ratio Lower Upper
91 100
120 20.9 10.9 32.9





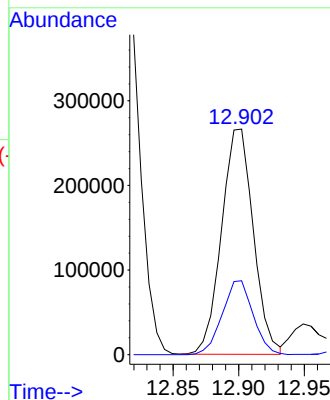
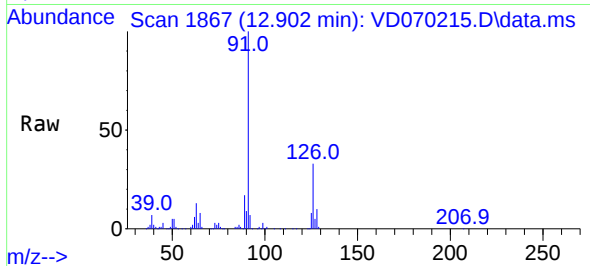
#79
2-Chlorotoluene
Concen: 21.461 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 91 Resp: 450093
Ion Ratio Lower Upper
91 100
126 31.9 16.0 48.0

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

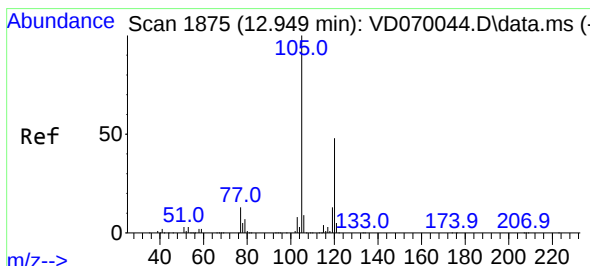
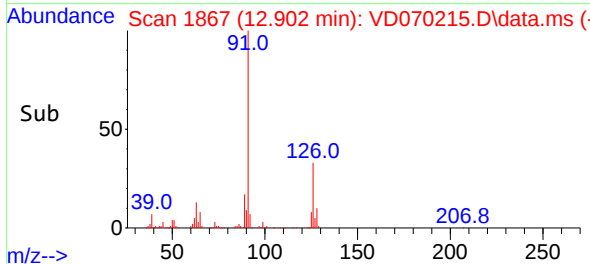
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

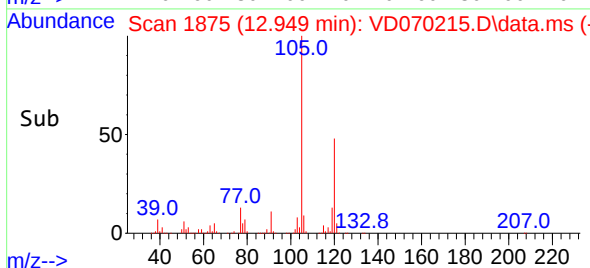
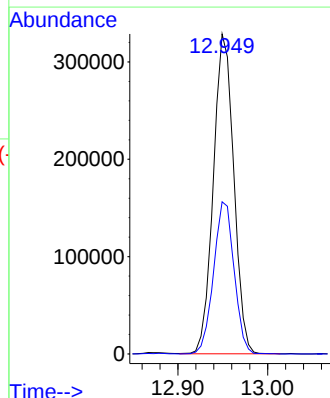
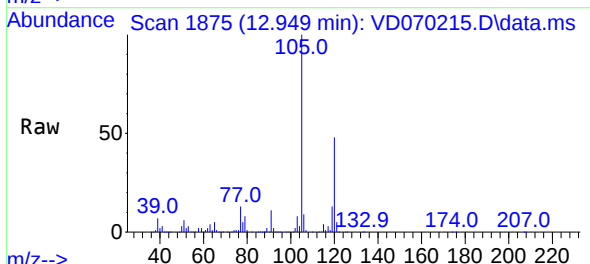
MMDadoda

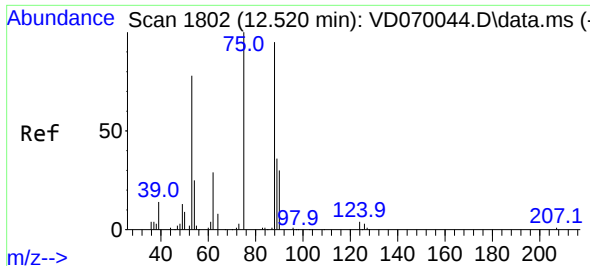
8/24/2021 6:16:21 PM



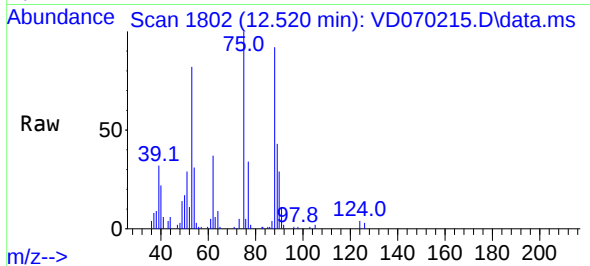
#80
1,3,5-Trimethylbenzene
Concen: 21.570 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:105 Resp: 519057
Ion Ratio Lower Upper
105 100
120 47.9 24.5 73.5

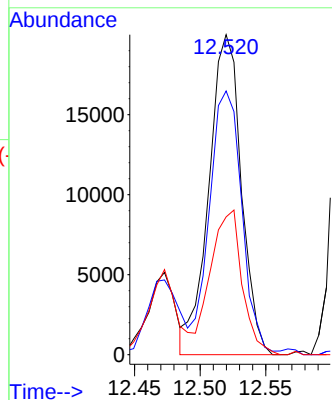




#81
trans-1,4-Dichloro-2-butene
Concen: 22.716 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 75 Resp: 34401
Ion Ratio Lower Upper
75 100
53 80.7 64.5 96.7
89 43.3 33.7 50.5



Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

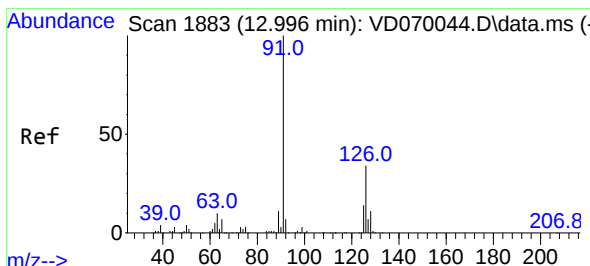
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

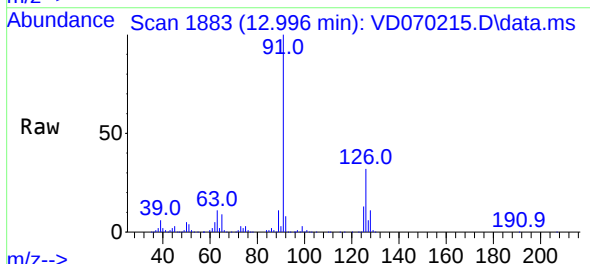
8/24/2021 6:16:21 PM

MMDadoda

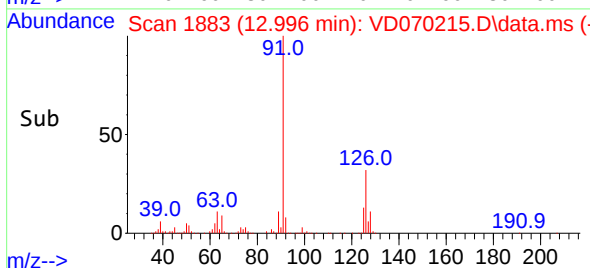
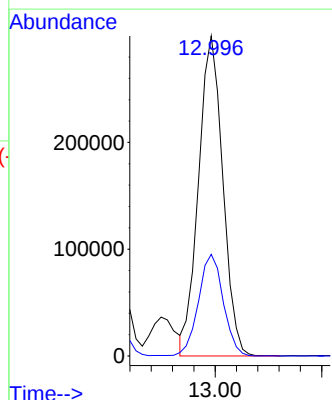
8/24/2021 6:16:21 PM

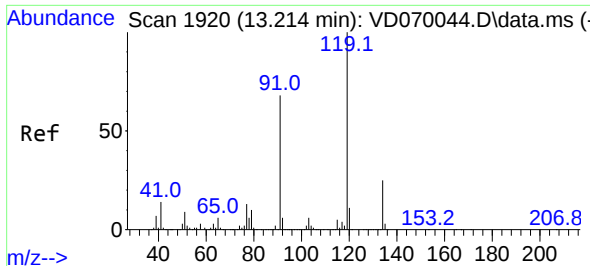


#82
4-Chlorotoluene
Concen: 21.639 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



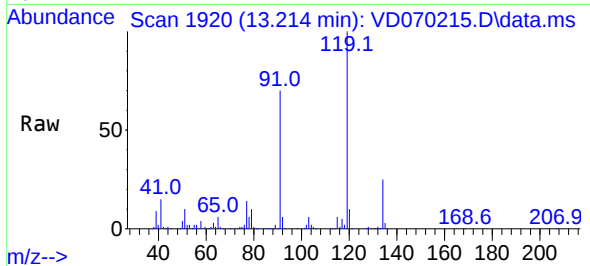
Tgt Ion: 91 Resp: 475193
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8





#83
tert-Butylbenzene
Concen: 21.035 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

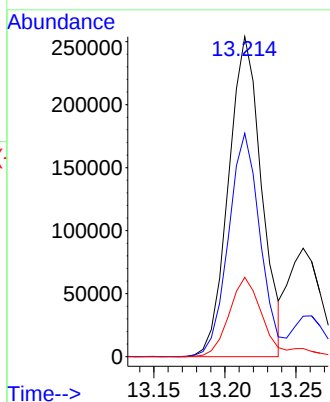
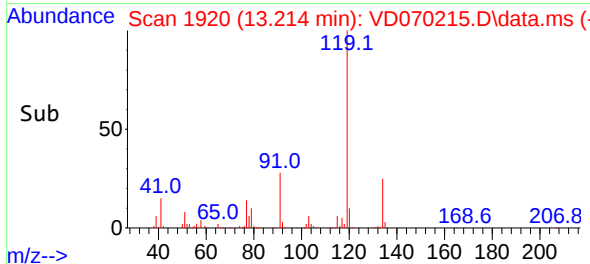
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01



Tgt Ion:119 Resp: 411415
Ion Ratio Lower Upper
119 100
91 67.8 34.0 101.8
134 26.2 13.2 39.6

Manual Integrations
APPROVED

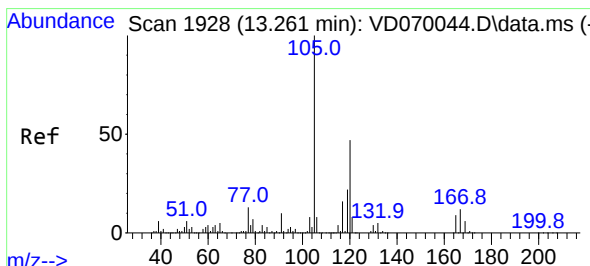
MMDadoda
8/24/2021 6:16:21 PM



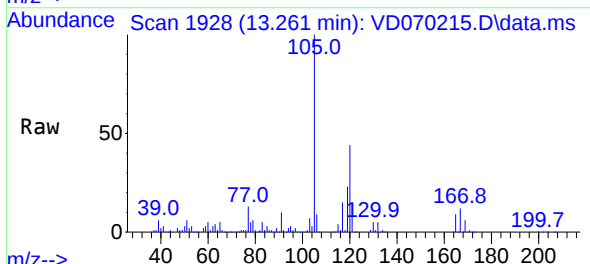
8/24/2021 6:16:21 PM

MMDadoda

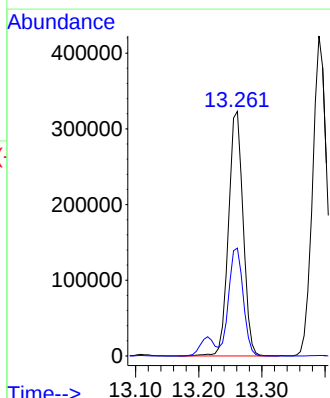
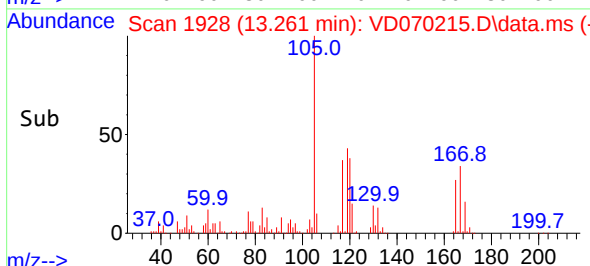
8/24/2021 6:16:21 PM

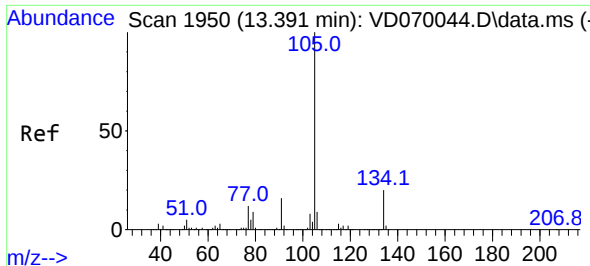


#84
1,2,4-Trimethylbenzene
Concen: 21.709 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



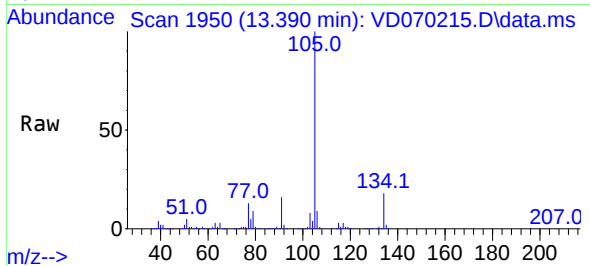
Tgt Ion:105 Resp: 518197
Ion Ratio Lower Upper
105 100
120 43.7 22.5 67.5





#85
sec-Butylbenzene
Concen: 21.159 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

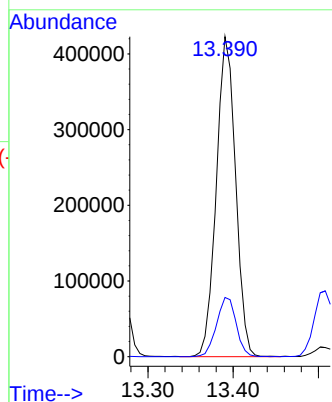
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01



Tgt Ion:105 Resp: 663071
Ion Ratio Lower Upper
105 100
134 18.9 9.8 29.3

Manual Integrations
APPROVED

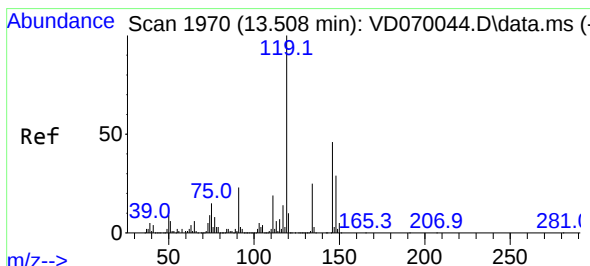
MMDadoda
8/24/2021 6:16:21 PM



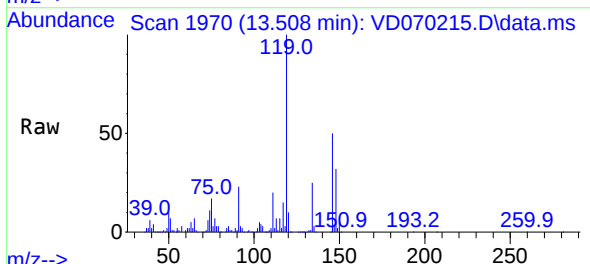
8/24/2021 6:16:21 PM

MMDadoda

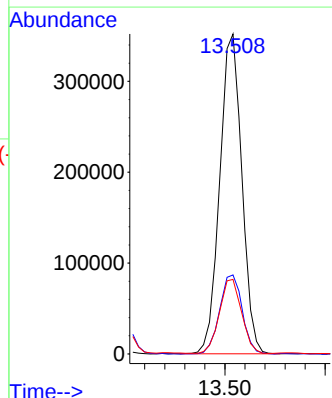
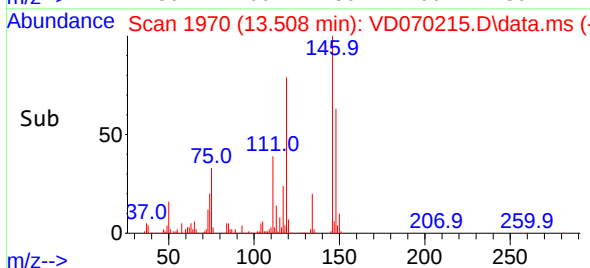
8/24/2021 6:16:21 PM

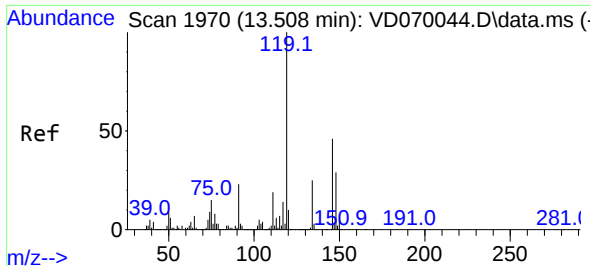


#86
p-Isopropyltoluene
Concen: 21.246 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion:119 Resp: 537876
Ion Ratio Lower Upper
119 100
134 25.3 12.8 38.3
91 23.4 11.6 34.8





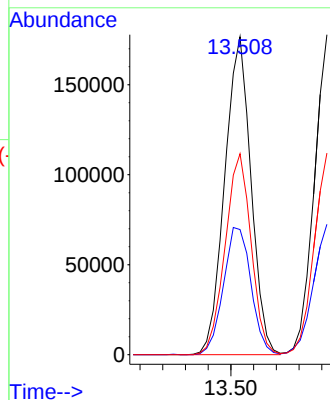
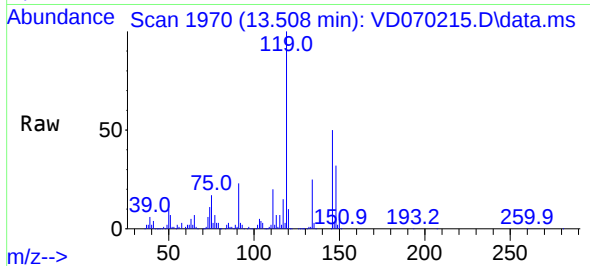
#87
1,3-Dichlorobenzene
Concen: 21.257 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:146 Resp: 283342
Ion Ratio Lower Upper
146 100
111 42.1 21.3 64.0
148 62.6 31.8 95.4

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

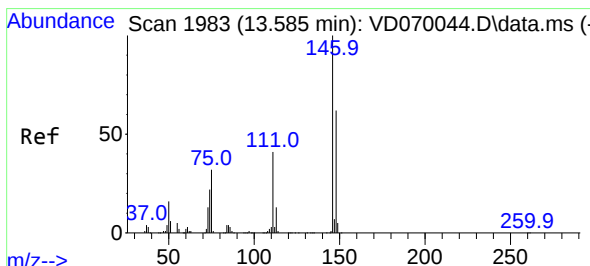
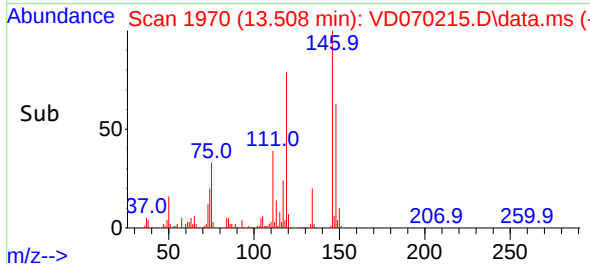
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

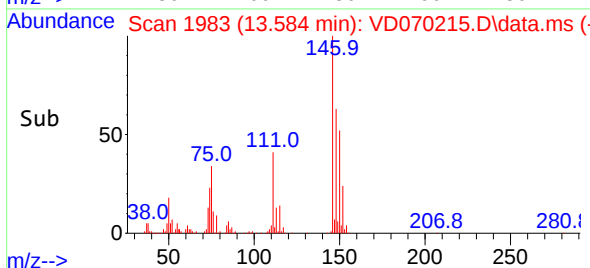
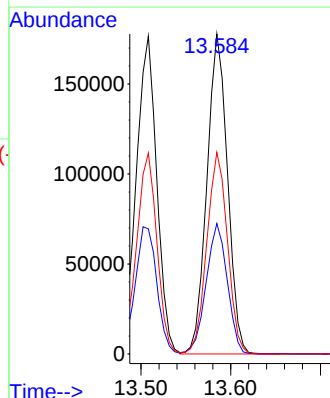
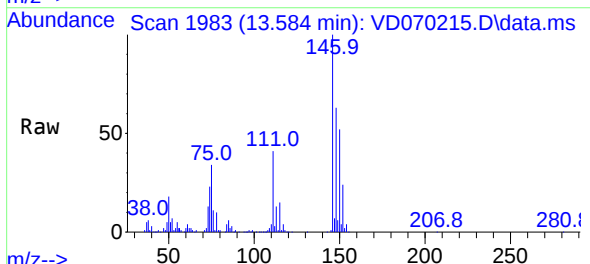
MMDadoda

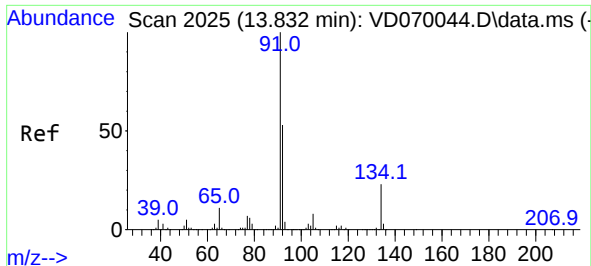
8/24/2021 6:16:21 PM



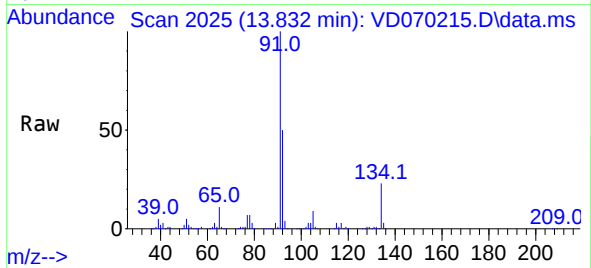
#88
1,4-Dichlorobenzene
Concen: 21.478 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:146 Resp: 283573
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.8
148 63.2 31.3 93.9

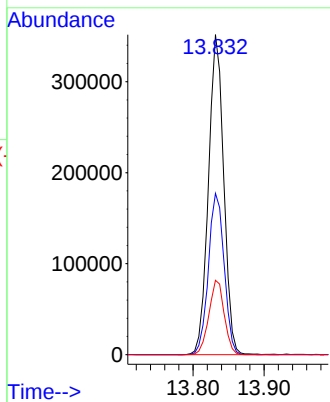
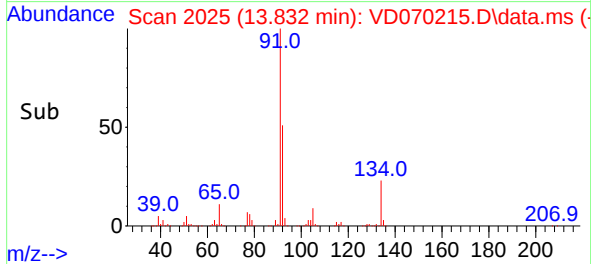




#89
n-Butylbenzene
Concen: 21.200 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 91 Resp: 526679
Ion Ratio Lower Upper
91 100
92 51.8 27.1 81.3
134 23.3 11.8 35.3



Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

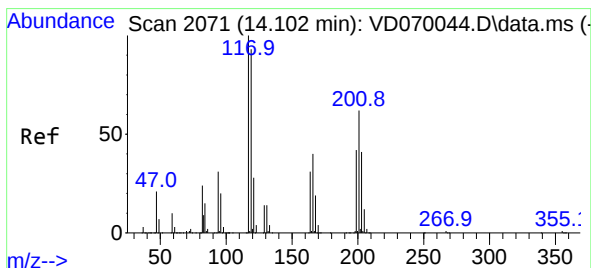
Manual Integrations
APPROVED

MMDadoda
8/24/2021 6:16:21 PM

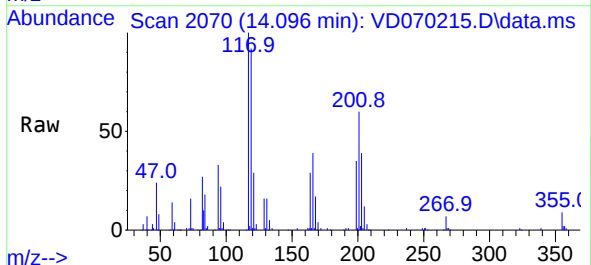
8/24/2021 6:16:21 PM

MMDadoda

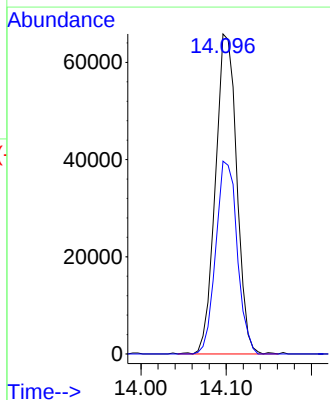
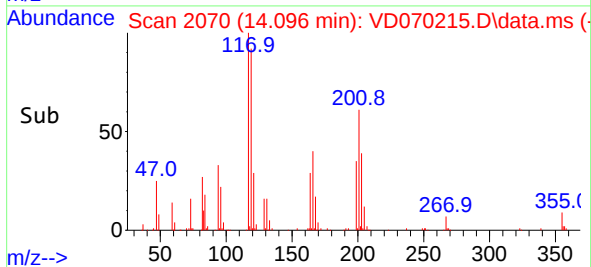
8/24/2021 6:16:21 PM

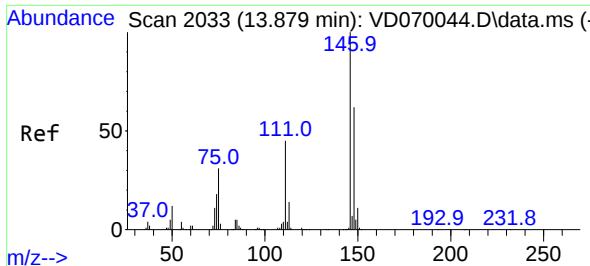


#90
Hexachloroethane
Concen: 21.449 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02



Tgt Ion: 117 Resp: 114591
Ion Ratio Lower Upper
117 100
201 60.5 31.6 95.0





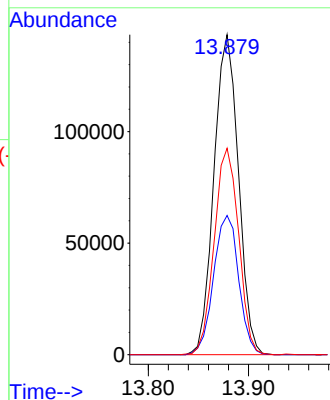
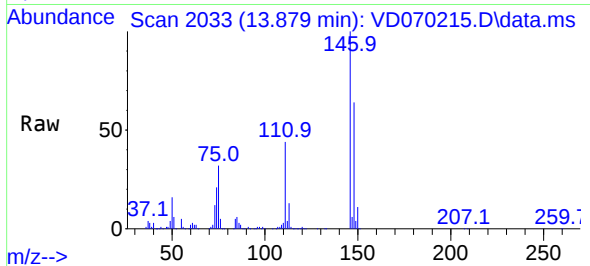
#91
1,2-Dichlorobenzene
Concen: 21.280 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:146 Resp: 243054
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.2
148 64.5 31.8 95.4

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

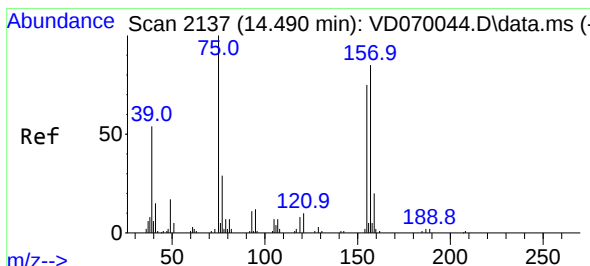
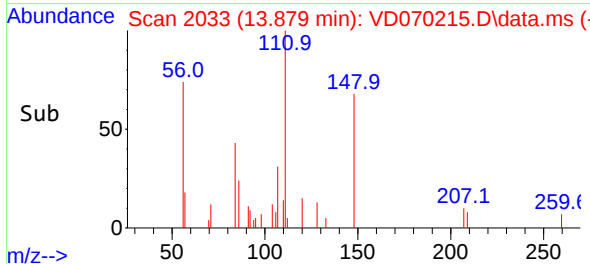
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

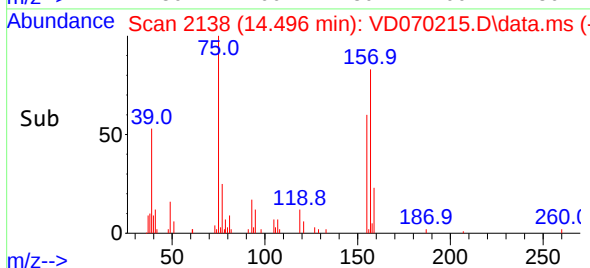
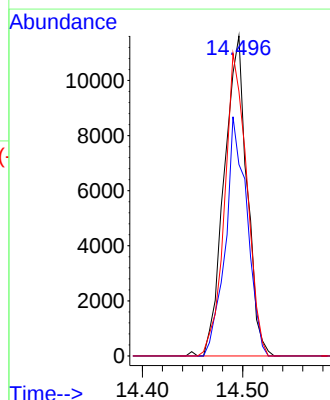
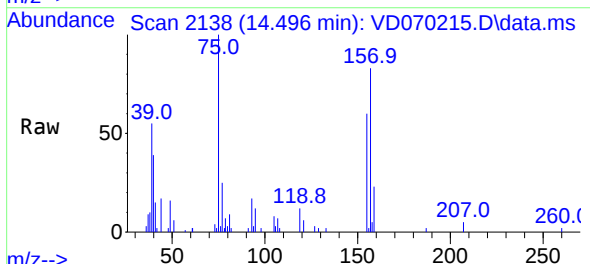
MMDadoda

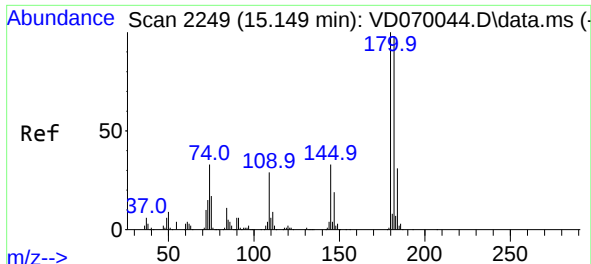
8/24/2021 6:16:21 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.838 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion: 75 Resp: 18397
Ion Ratio Lower Upper
75 100
155 70.5 35.3 105.9
157 92.1 46.8 140.3





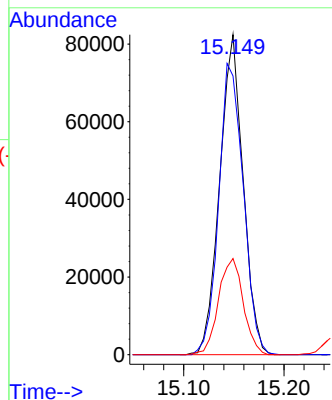
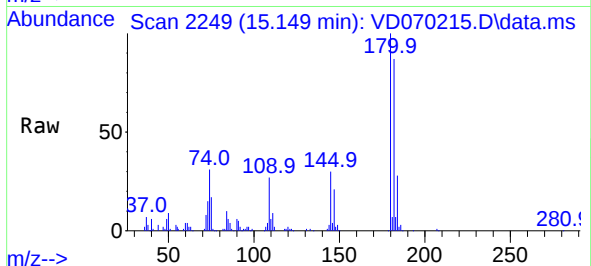
#93
1,2,4-Trichlorobenzene
Concen: 21.009 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:180 Resp: 133440
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.6
145 31.8 16.3 48.9

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

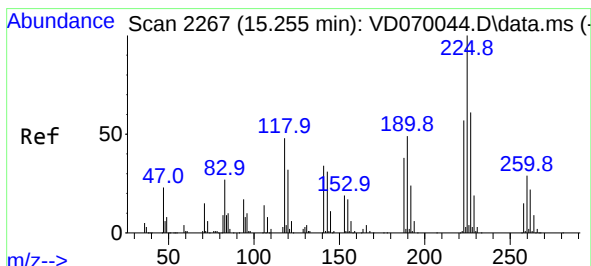
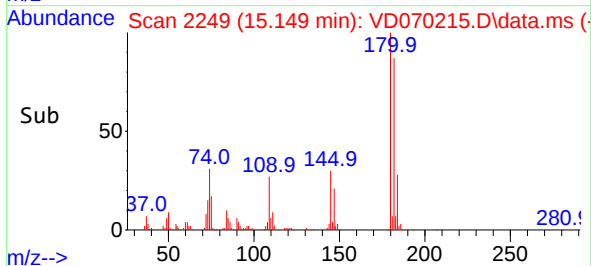
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

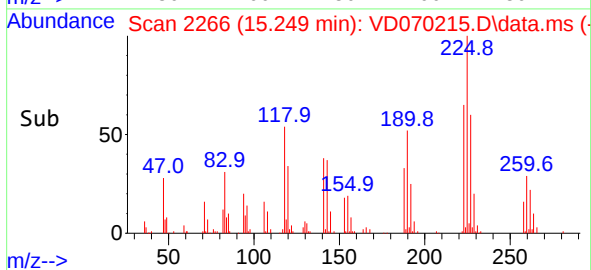
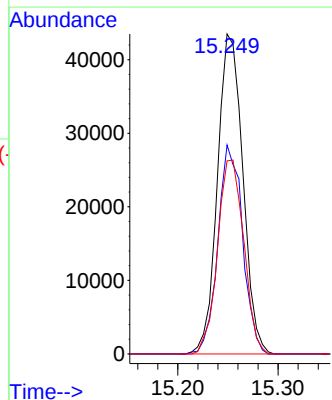
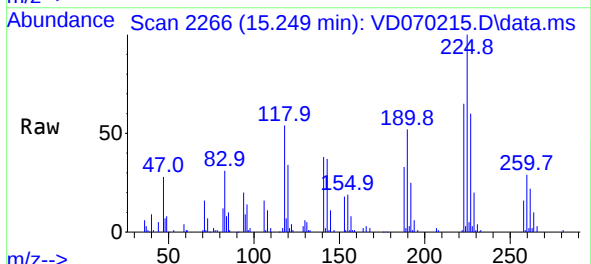
MMDadoda

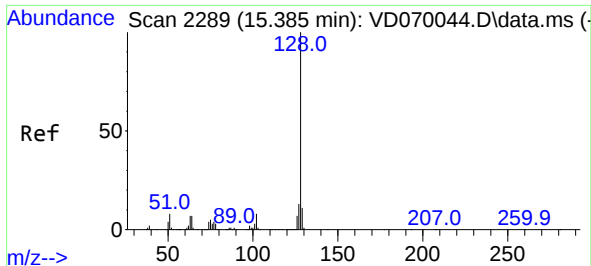
8/24/2021 6:16:21 PM



#94
Hexachlorobutadiene
Concen: 20.373 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:225 Resp: 76441
Ion Ratio Lower Upper
225 100
223 63.5 30.5 91.5
227 62.5 31.4 94.2





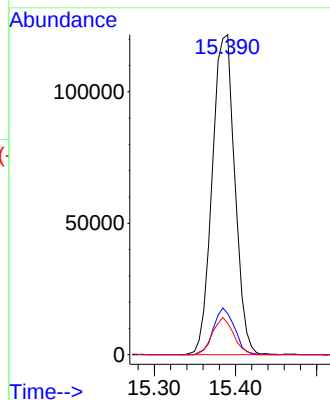
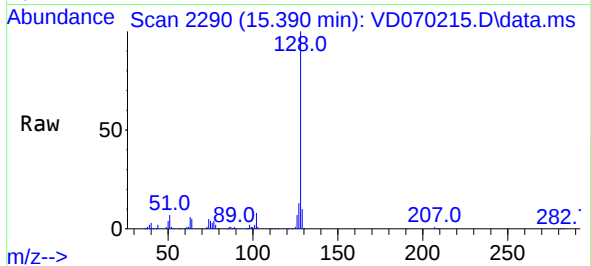
#95
Naphthalene
Concen: 20.376 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:	128	Resp:	235545
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.5	15.7
129	10.8	8.3	12.5

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBS01

Manual Integrations
APPROVED

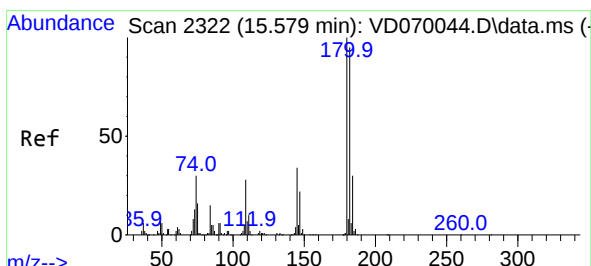
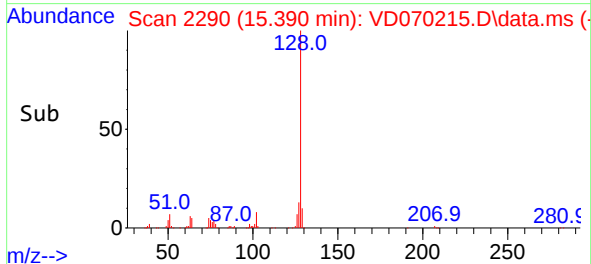
MMDadoda
8/24/2021 6:16:21 PM



8/24/2021 6:16:21 PM

MMDadoda

8/24/2021 6:16:21 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.512 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD070215.D
Acq: 23 Aug 2021 12:02

Tgt Ion:	180	Resp:	119274
Ion Ratio	Lower	Upper	
180	100		
182	92.5	47.9	143.6
145	34.1	16.8	50.3

