

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069801.D
 Acq On : 22 Jul 2021 10:13
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:15:14 PM

Quant Time: Jul 23 04:27:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:26:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	561956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1039947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	992010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	448214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	34847	5.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.780%#
35) Dibromofluoromethane	7.908	113	31811	4.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.700%#
50) Toluene-d8	10.338	98	120624	4.772	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.540%#
62) 4-Bromofluorobenzene	12.626	95	38479	4.555	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.100%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	33197	5.612	ug/l	97
3) Chloromethane	2.209	50	50139	5.844	ug/l	96
4) Vinyl Chloride	2.350	62	49547	5.490	ug/l	95
5) Bromomethane	2.762	94	38353	6.488	ug/l	96
6) Chloroethane	2.920	64	31508	5.387	ug/l	95
7) Trichlorofluoromethane	3.273	101	63683	5.716	ug/l	96
8) Diethyl Ether	3.715	74	14783	4.717	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.097	101	39498	5.582	ug/l #	73
10) Methyl Iodide	4.303	142	24265	3.925	ug/l	98
11) Tert butyl alcohol	5.220	59	9348m	27.983	ug/l	
12) 1,1-Dichloroethene	4.067	96	34128	5.308	ug/l	91
13) Acrolein	3.932	56	11206	23.937	ug/l	97
14) Allyl chloride	4.709	41	45019	4.776	ug/l	99
15) Acrylonitrile	5.420	53	34503	23.406	ug/l	98
16) Acetone	4.162	43	34223	29.313	ug/l	96
17) Carbon Disulfide	4.403	76	122531	5.330	ug/l	98
18) Methyl Acetate	4.720	43	19765	5.835	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	59014	4.430	ug/l	98
20) Methylene Chloride	4.961	84	85150	8.008	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	38782	5.119	ug/l	95
22) Diisopropyl ether	6.361	45	86159	4.206	ug/l	96
23) Vinyl Acetate	6.308	43	177190m	18.052	ug/l	
24) 1,1-Dichloroethane	6.267	63	76341	5.396	ug/l	99
25) 2-Butanone	7.208	43	36053	22.771	ug/l	95
26) 2,2-Dichloropropane	7.208	77	56968	5.295	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	38106	4.714	ug/l	97
28) Bromochloromethane	7.550	49	24145	4.495	ug/l	99
29) Tetrahydrofuran	7.573	42	21208	20.704	ug/l	96
30) Chloroform	7.703	83	79371	5.580	ug/l	97
31) Cyclohexane	7.985	56	69240	5.483	ug/l #	87
32) 1,1,1-Trichloroethane	7.897	97	62619	5.318	ug/l	97
36) 1,1-Dichloropropene	8.114	75	56557	5.040	ug/l	98
37) Ethyl Acetate	7.297	43	19851	4.859	ug/l	98
38) Carbon Tetrachloride	8.091	117	52204	5.092	ug/l	96
39) Methylcyclohexane	9.350	83	55660	4.330	ug/l	89
40) Benzene	8.350	78	161966	4.982	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069801.D
 Acq On : 22 Jul 2021 10:13
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:15:14 PM

Quant Time: Jul 23 04:27:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:26:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	9918m	4.866	ug/l	
42) 1,2-Dichloroethane	8.420	62	44392	5.163	ug/l	97
43) Isopropyl Acetate	8.450	43	33215	4.533	ug/l	97
44) Trichloroethene	9.108	130	42517	5.310	ug/l	93
45) 1,2-Dichloropropane	9.385	63	43058	5.042	ug/l	93
46) Dibromomethane	9.473	93	21036	5.011	ug/l	98
47) Bromodichloromethane	9.655	83	54787	5.023	ug/l	99
48) Methyl methacrylate	9.455	41	13687	3.883	ug/l	90
49) 1,4-Dioxane	9.467	88	4290	96.727	ug/l #	87
51) 4-Methyl-2-Pentanone	10.226	43	77871	20.422	ug/l	97
52) Toluene	10.397	92	91818	4.655	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	43182	4.717	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	51046	4.606	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	31440	5.302	ug/l	90
56) Ethyl methacrylate	10.661	69	24787	3.818	ug/l	95
57) 1,3-Dichloropropane	10.944	76	48734	4.857	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	51621	18.562	ug/l	98
59) 2-Hexanone	10.985	43	49037	19.442	ug/l	95
60) Dibromochloromethane	11.132	129	34179	5.090	ug/l	98
61) 1,2-Dibromoethane	11.238	107	26032	4.876	ug/l	92
64) Tetrachloroethene	10.873	164	33467	5.292	ug/l	96
65) Chlorobenzene	11.667	112	105695	5.143	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	37510	5.073	ug/l	95
67) Ethyl Benzene	11.738	91	161991	4.477	ug/l	99
68) m/p-Xylenes	11.849	106	121926	8.692	ug/l	98
69) o-Xylene	12.173	106	54057	4.239	ug/l	98
70) Styrene	12.185	104	88955	4.025	ug/l	98
71) Bromoform	12.355	173	18060	5.030	ug/l #	93
73) Isopropylbenzene	12.473	105	139642	4.336	ug/l	100
74) N-amyl acetate	12.279	43	27507	4.152	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	32856	5.109	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	25989m	7.427	ug/l	
77) Bromobenzene	12.755	156	35826	4.939	ug/l	95
78) n-propylbenzene	12.808	91	180981	4.375	ug/l	98
79) 2-Chlorotoluene	12.896	91	107636	4.480	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	114535	4.157	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	6241	3.974	ug/l	93
82) 4-Chlorotoluene	12.996	91	113930	4.536	ug/l	100
83) tert-Butylbenzene	13.214	119	96888	4.326	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	110718	4.074	ug/l	100
85) sec-Butylbenzene	13.390	105	151646	4.283	ug/l	97
86) p-Isopropyltoluene	13.508	119	120921	4.203	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	77181	5.068	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	79636	5.247	ug/l	96
89) n-Butylbenzene	13.832	91	126000	4.438	ug/l	96
90) Hexachloroethane	14.102	117	31870	5.230	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	65757	5.003	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	4880	5.269	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	31299	4.414	ug/l	97
94) Hexachlorobutadiene	15.255	225	22000	5.072	ug/l	96
95) Naphthalene	15.390	128	48772	3.853	ug/l	97
96) 1,2,3-Trichlorobenzene	15.579	180	27240	4.442	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
Data File : VD069801.D
Acq On : 22 Jul 2021 10:13
Operator : VA/SY
Sample : VSTDIC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

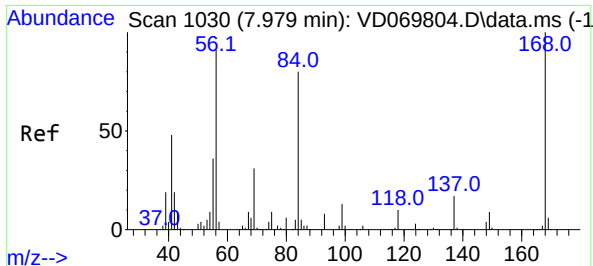
Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:15:14 PM

Quant Time: Jul 23 04:27:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:26:30 2021
Response via : Initial Calibration

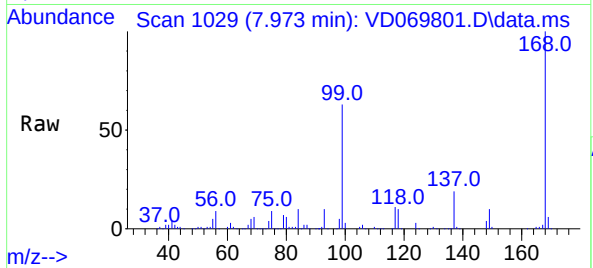
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

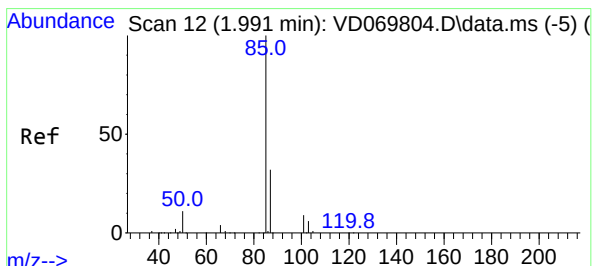
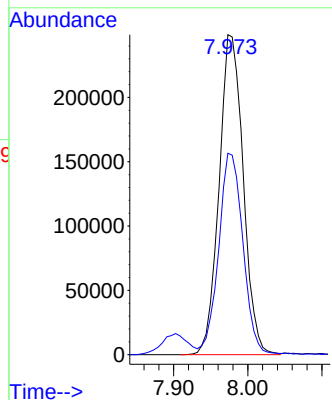
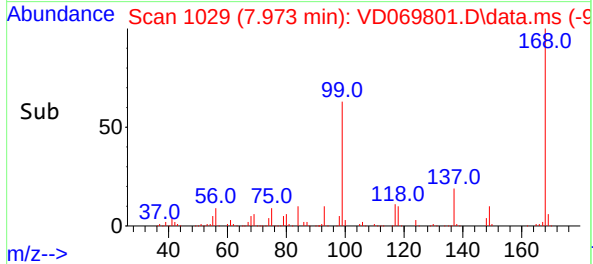
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



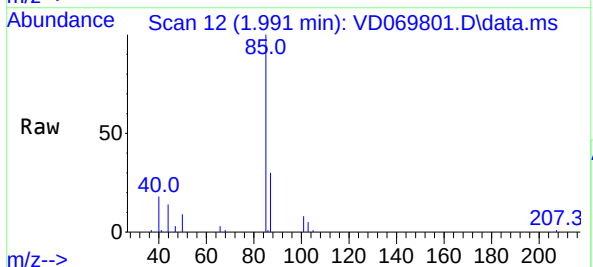
Tgt Ion:168 Resp: 561956
Ion Ratio Lower Upper
168 100
99 62.5 51.1 76.7

Manual Integrations
APPROVED

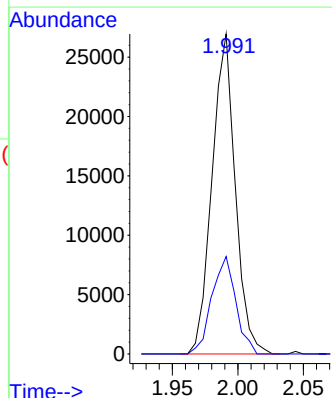
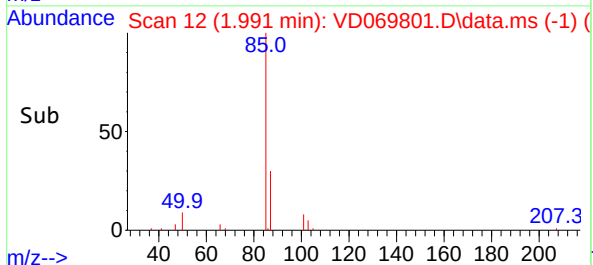
MMDadoda
7/23/2021 5:15:14 PM

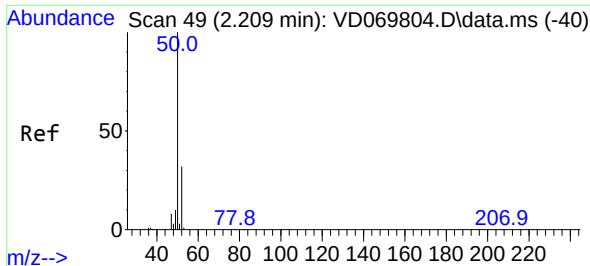


#2
Dichlorodifluoromethane
Concen: 5.612 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



Tgt Ion: 85 Resp: 33197
Ion Ratio Lower Upper
85 100
87 30.4 16.1 48.3





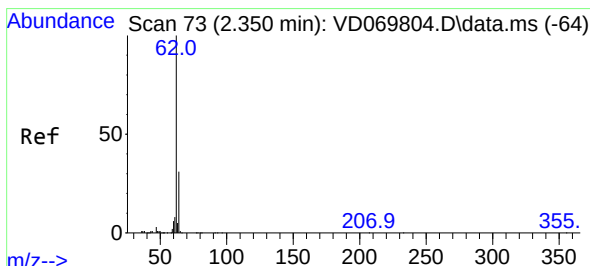
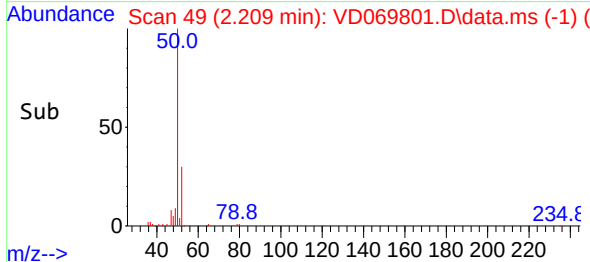
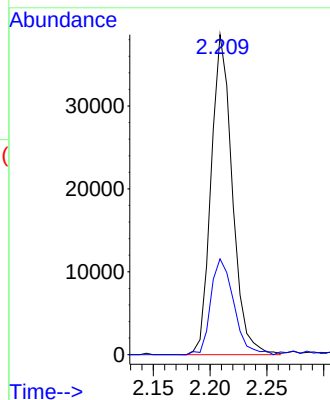
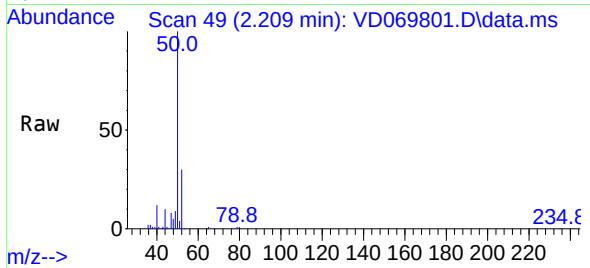
#3
Chloromethane
Concen: 5.844 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 50 Resp: 50139
Ion Ratio Lower Upper
50 100
52 30.0 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

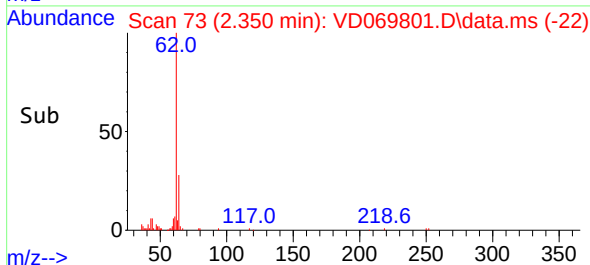
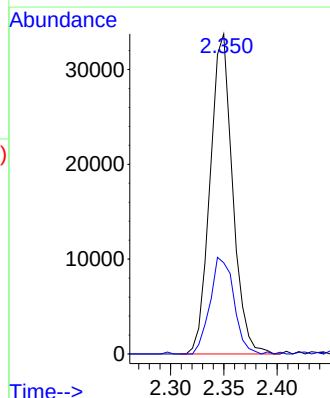
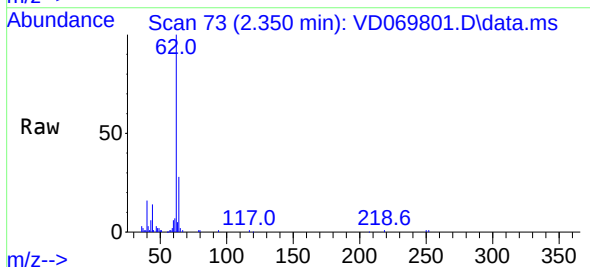
Manual Integrations
APPROVED

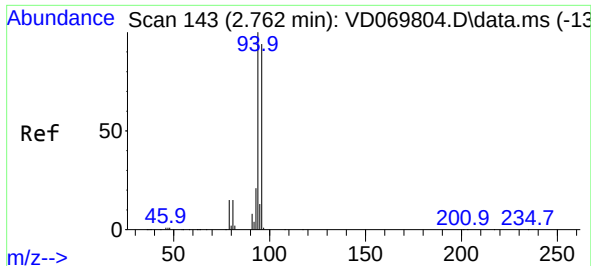
MMDadoda
7/23/2021 5:15:14 PM



#4
Vinyl Chloride
Concen: 5.490 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 62 Resp: 49547
Ion Ratio Lower Upper
62 100
64 28.5 25.0 37.4





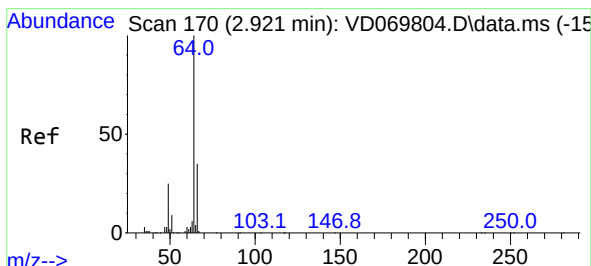
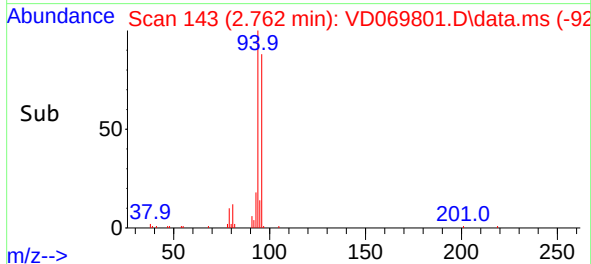
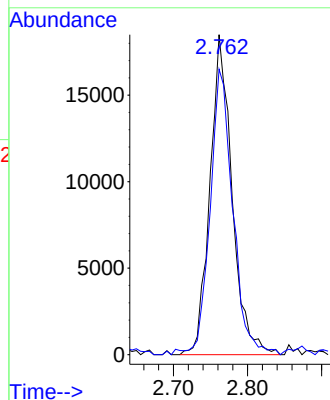
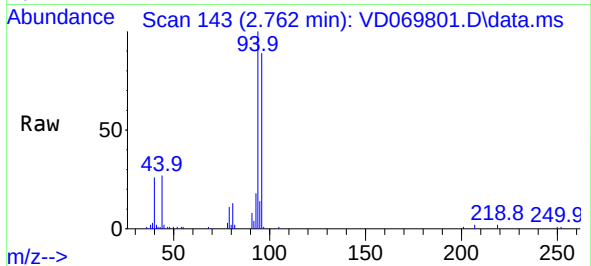
#5
Bromomethane
Concen: 6.488 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 94 Resp: 38353
Ion Ratio Lower Upper
94 100
96 89.2 74.8 112.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

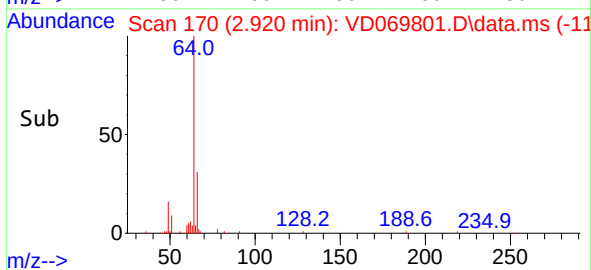
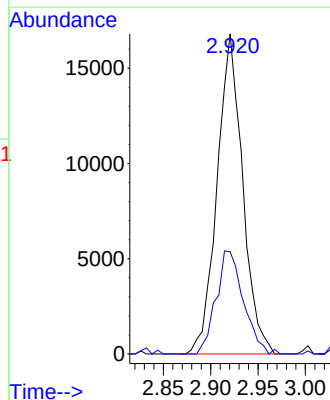
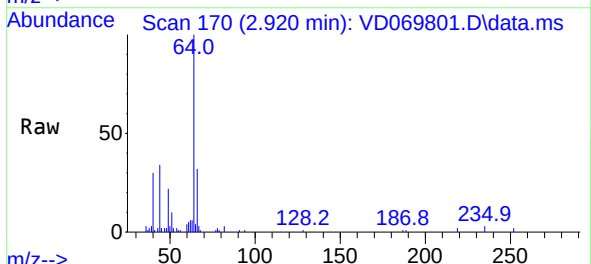
Manual Integrations
APPROVED

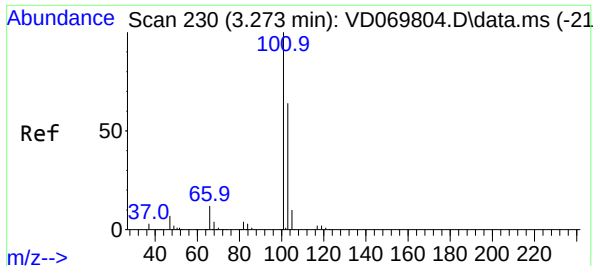
MMDadoda
7/23/2021 5:15:14 PM



#6
Chloroethane
Concen: 5.387 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 64 Resp: 31508
Ion Ratio Lower Upper
64 100
66 31.9 27.8 41.6





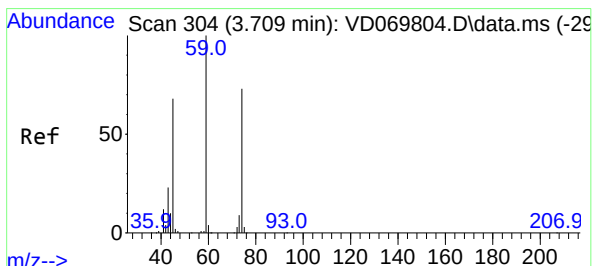
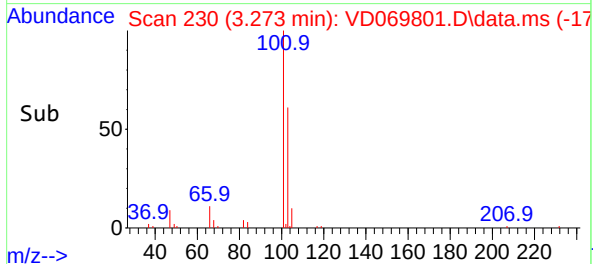
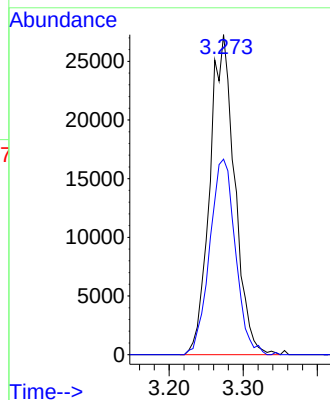
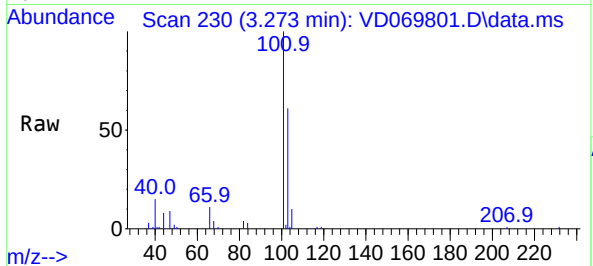
#7
Trichlorofluoromethane
Concen: 5.716 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:101 Resp: 63683
Ion Ratio Lower Upper
101 100
103 61.1 51.3 76.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

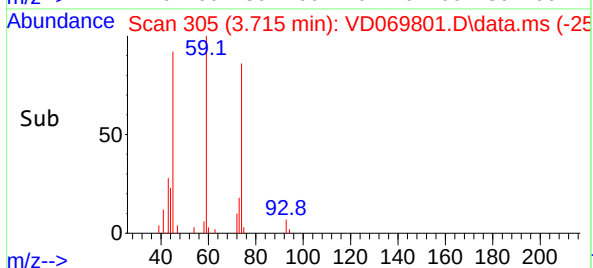
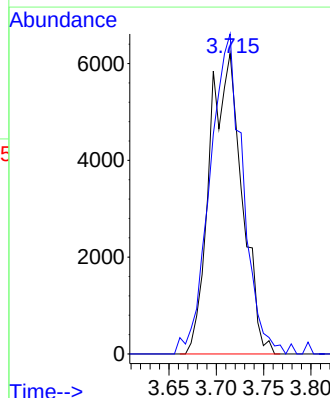
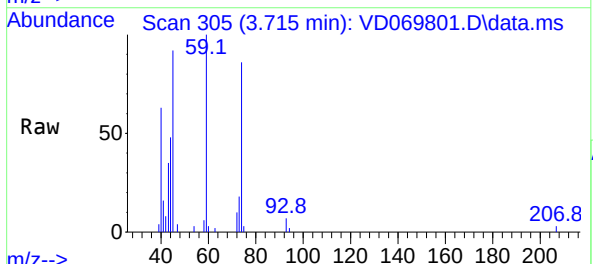
Manual Integrations
APPROVED

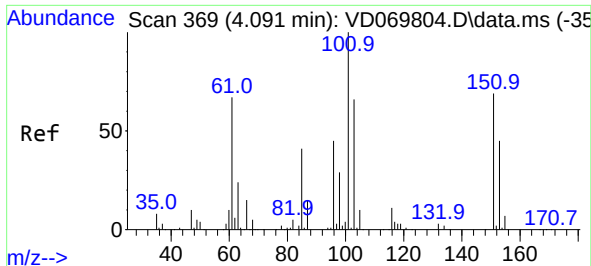
MMDadoda
7/23/2021 5:15:14 PM



#8
Diethyl Ether
Concen: 4.717 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 74 Resp: 14783
Ion Ratio Lower Upper
74 100
45 108.0 46.8 140.4





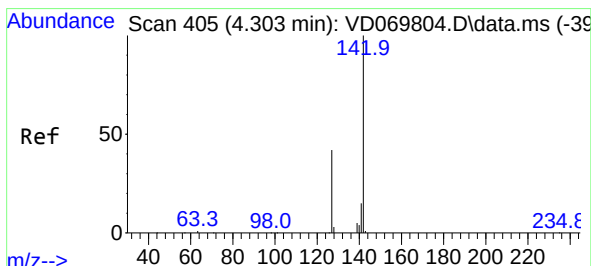
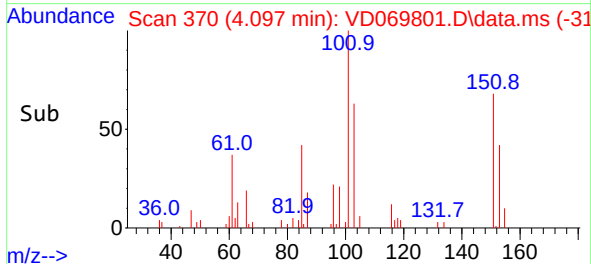
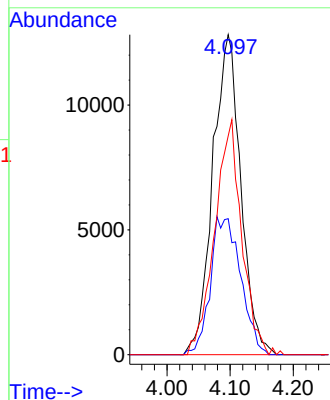
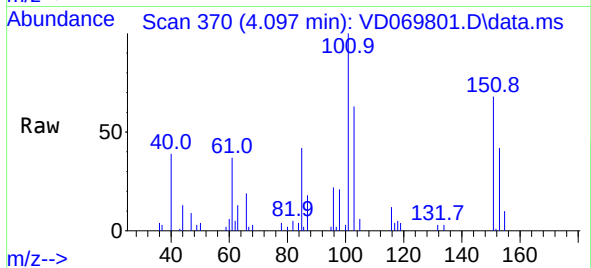
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.582 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:101 Resp: 39498
Ion Ratio Lower Upper
101 100
85 0.0 34.7 52.1#
151 70.5 55.4 83.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

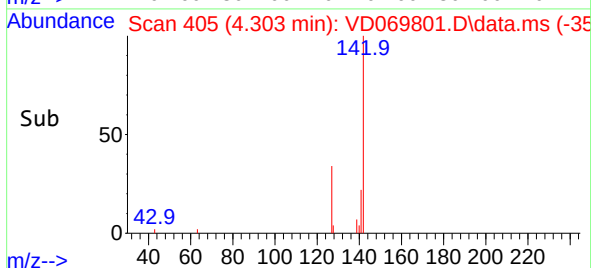
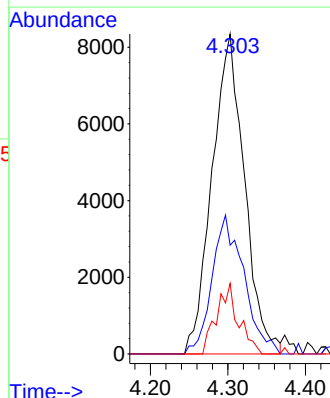
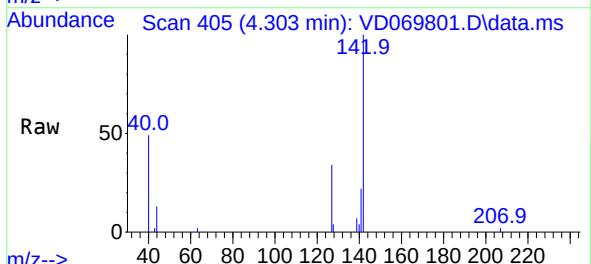
Manual Integrations
APPROVED

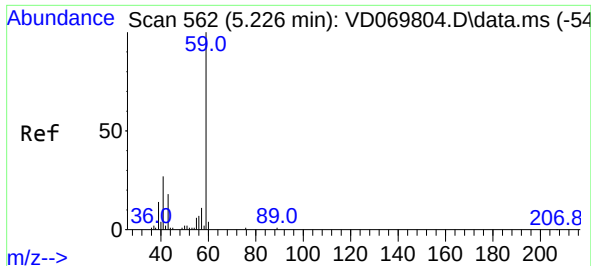
MMDadoda
7/23/2021 5:15:14 PM



#10
Methyl Iodide
Concen: 3.925 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

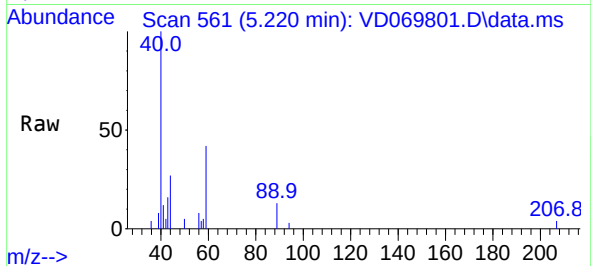
Tgt Ion:142 Resp: 24265
Ion Ratio Lower Upper
142 100
127 42.6 35.7 53.5
141 14.9 12.0 18.0





#11
Tert butyl alcohol
Concen: 27.983 ug/l m
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

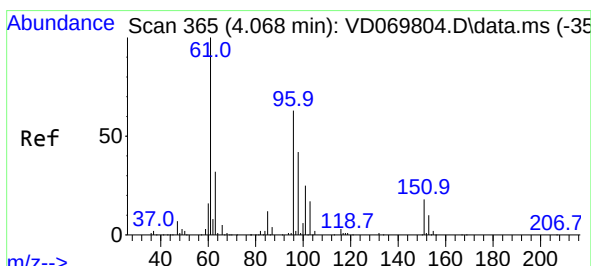
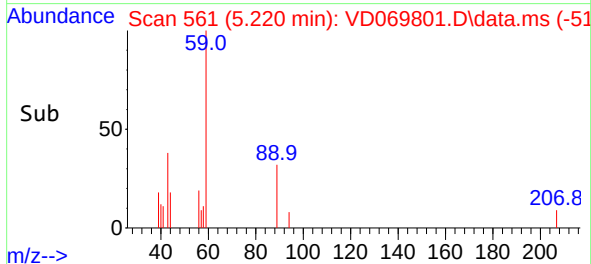
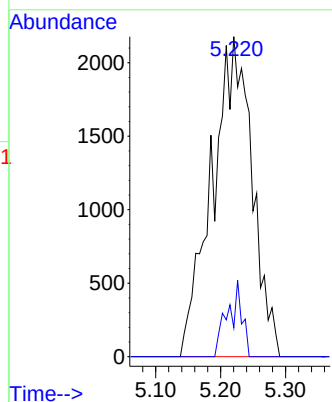
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 9348
Ion Ratio Lower Upper
59 100
57 8.5 8.1 12.1

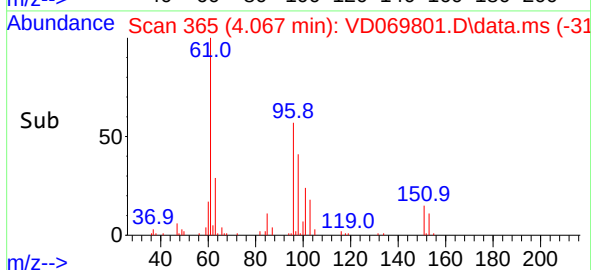
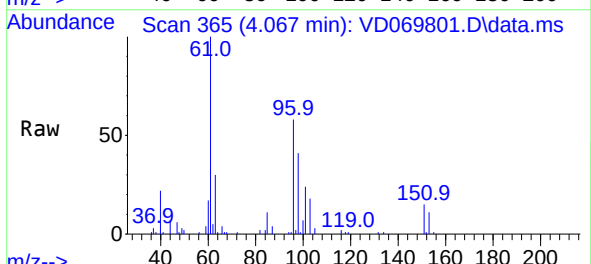
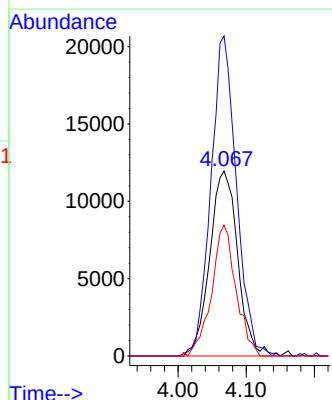
Manual Integrations
APPROVED

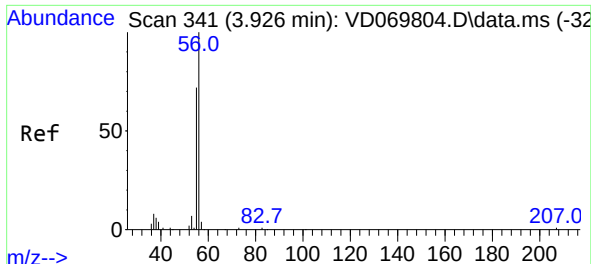
MMDadoda
7/23/2021 5:15:14 PM



#12
1,1-Dichloroethene
Concen: 5.308 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

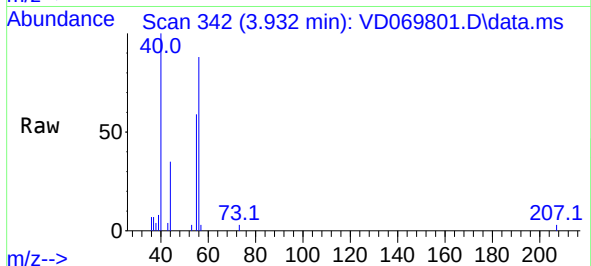
Tgt Ion: 96 Resp: 34128
Ion Ratio Lower Upper
96 100
61 173.0 126.9 190.3
98 70.8 53.2 79.8





#13
Acrolein
Concen: 23.937 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

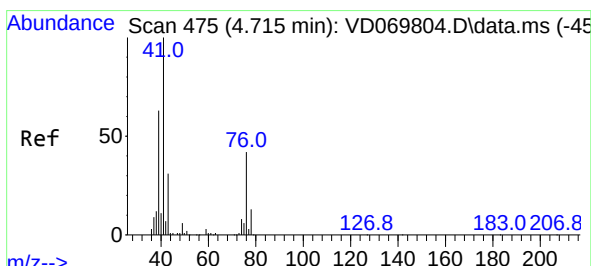
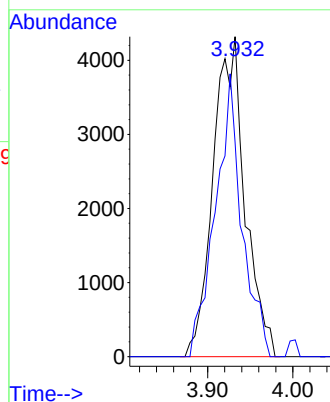
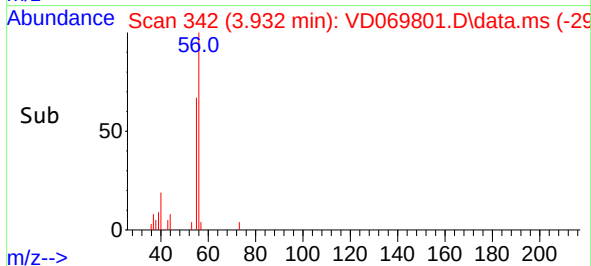
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



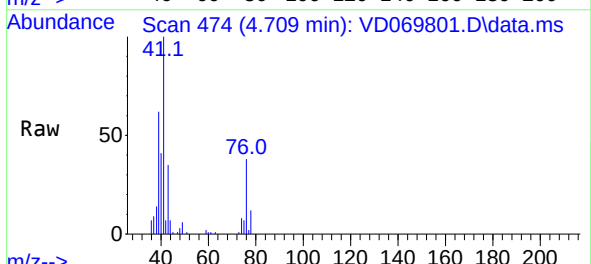
Tgt Ion: 56 Resp: 11206
Ion Ratio Lower Upper
56 100
55 73.6 57.2 85.8

Manual Integrations
APPROVED

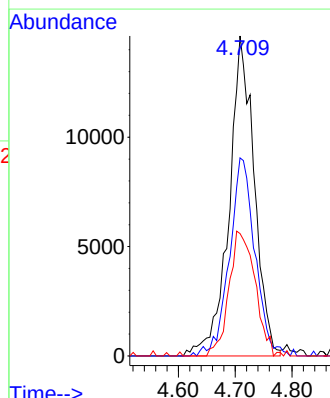
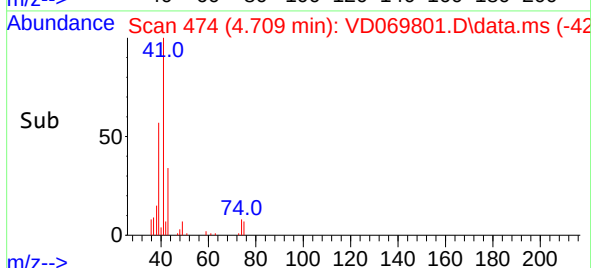
MMDadoda
7/23/2021 5:15:14 PM

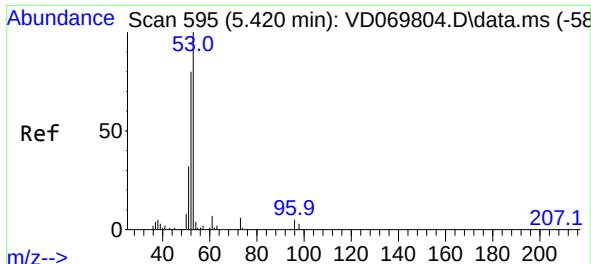


#14
Allyl chloride
Concen: 4.776 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



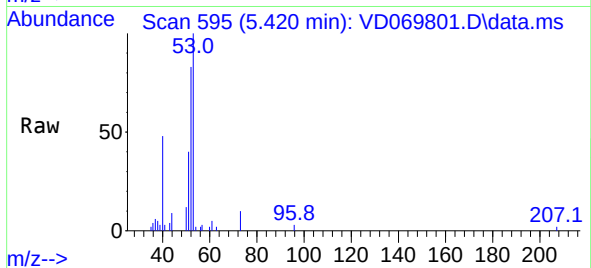
Tgt Ion: 41 Resp: 45019
Ion Ratio Lower Upper
41 100
39 62.9 49.8 74.6
76 40.5 31.8 47.8





#15
Acrylonitrile
Concen: 23.406 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

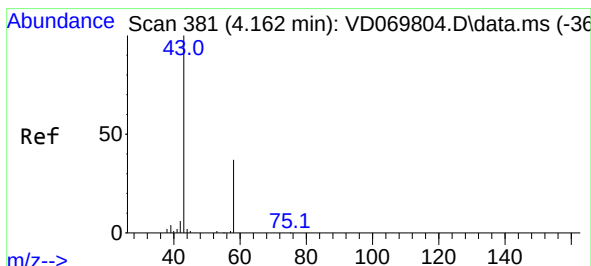
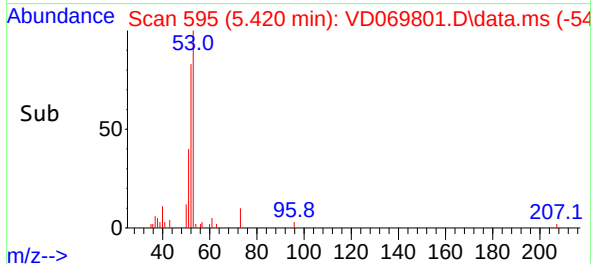
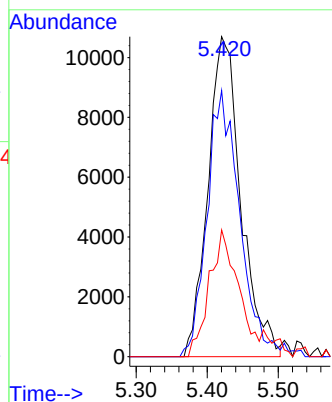
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 53	Resp: 34503
Ion Ratio	Lower Upper
53 100	
52 83.4	65.3 97.9
51 34.8	28.3 42.5

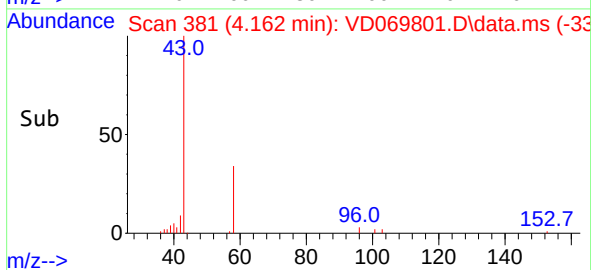
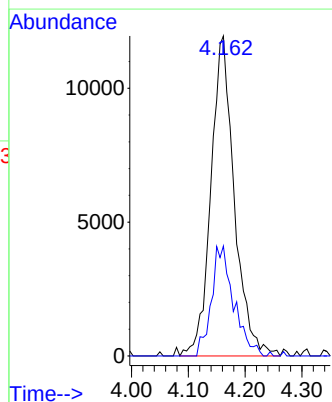
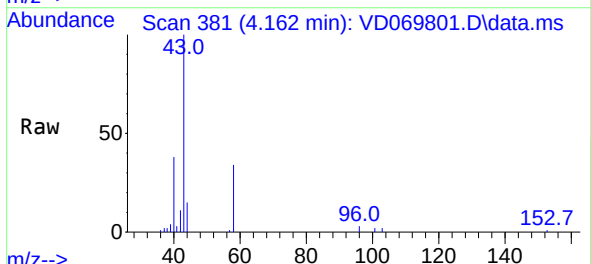
Manual Integrations
APPROVED

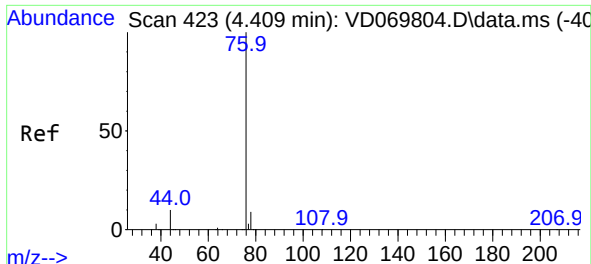
MMDadoda
7/23/2021 5:15:14 PM



#16
Acetone
Concen: 29.313 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

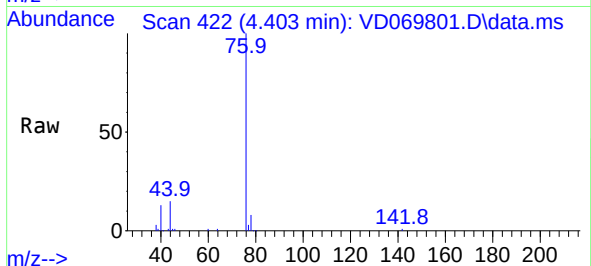
Tgt Ion: 43	Resp: 34223
Ion Ratio	Lower Upper
43 100	
58 34.3	29.4 44.0





#17
Carbon Disulfide
Concen: 5.330 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

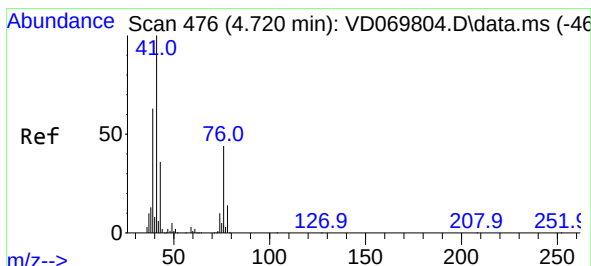
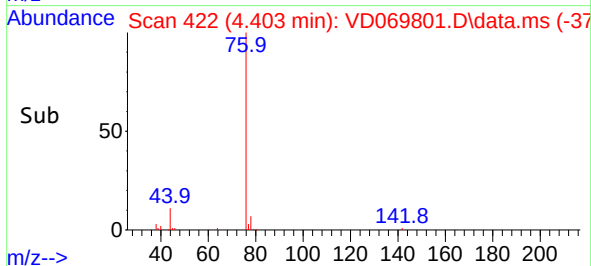
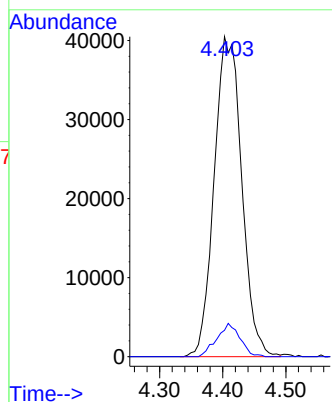
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 122531
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9

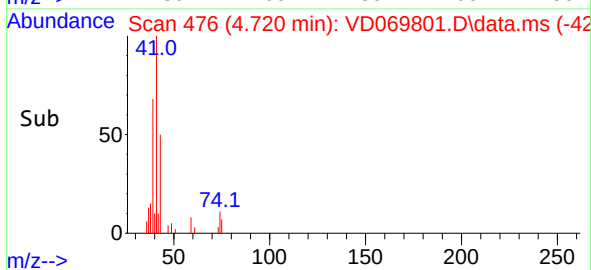
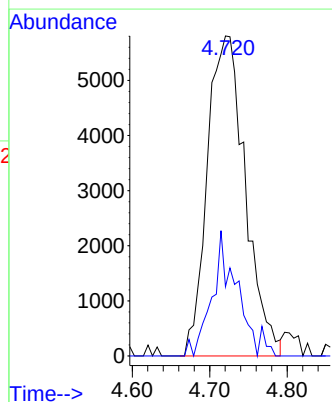
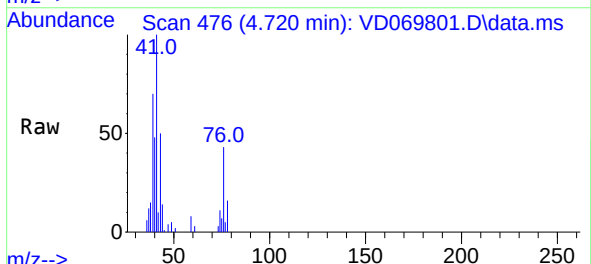
Manual Integrations
APPROVED

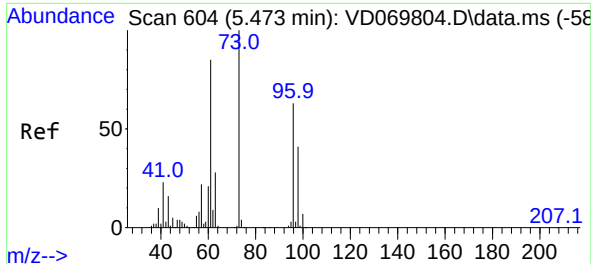
MMDadoda
7/23/2021 5:15:14 PM



#18
Methyl Acetate
Concen: 5.835 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

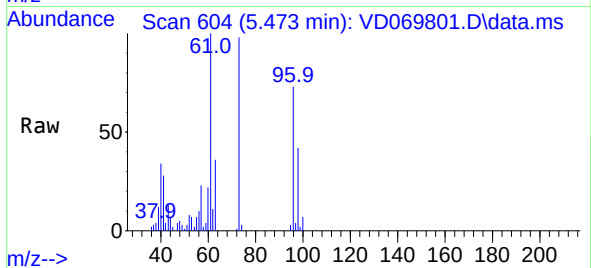
Tgt Ion: 43 Resp: 19765
Ion Ratio Lower Upper
43 100
74 24.6 21.4 32.2





#19
Methyl tert-butyl Ether
Concen: 4.430 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

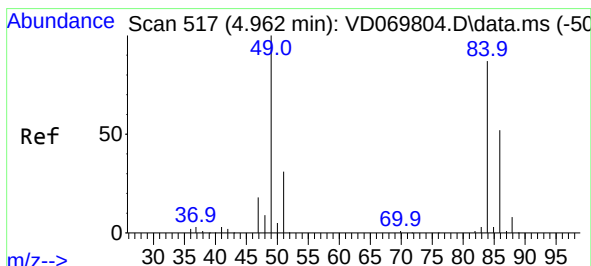
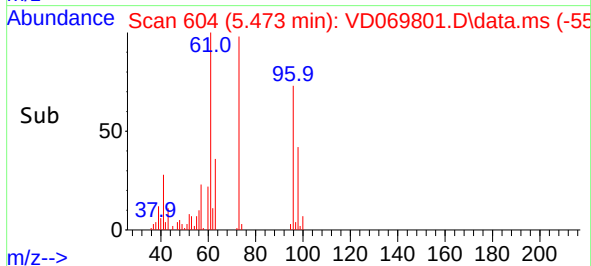
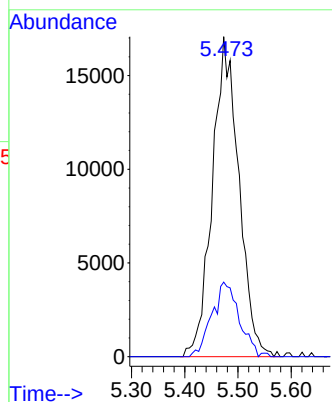
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



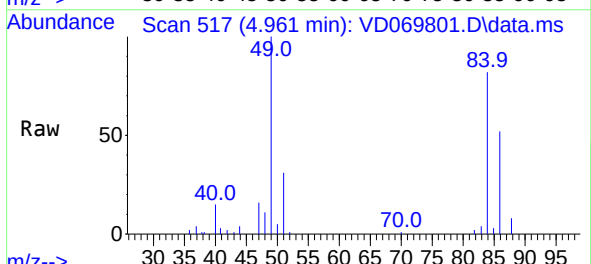
Tgt Ion: 73 Resp: 59014
Ion Ratio Lower Upper
73 100
57 23.3 17.8 26.8

Manual Integrations
APPROVED

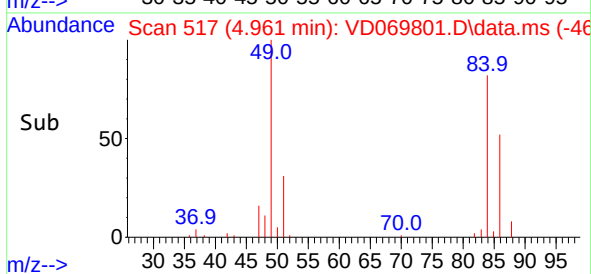
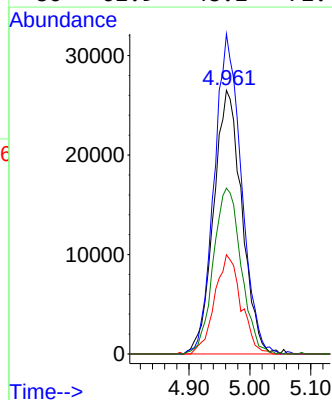
MMDadoda
7/23/2021 5:15:14 PM

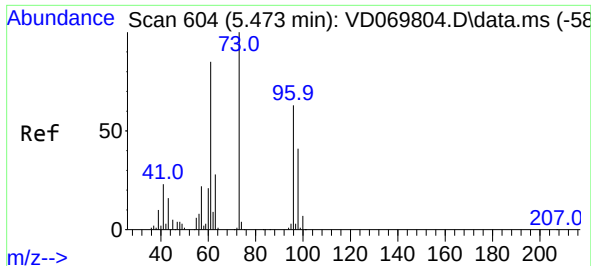


#20
Methylene Chloride
Concen: 8.008 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



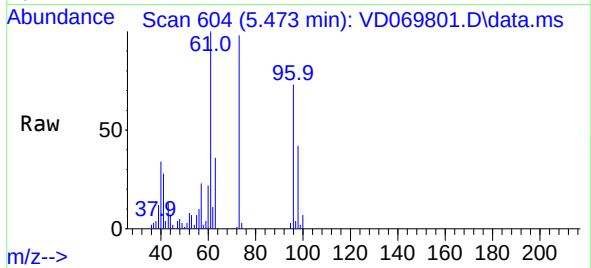
Tgt Ion: 84 Resp: 85150
Ion Ratio Lower Upper
84 100
49 121.4 92.4 138.6
51 37.6 28.5 42.7
86 62.9 48.2 72.4





#21
trans-1,2-Dichloroethene
Concen: 5.119 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

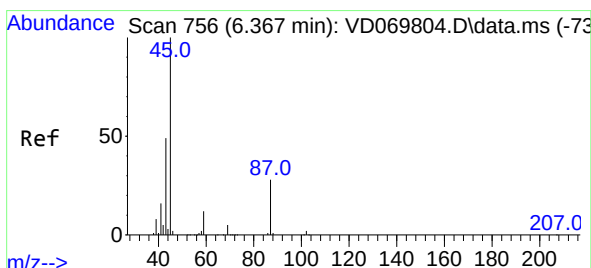
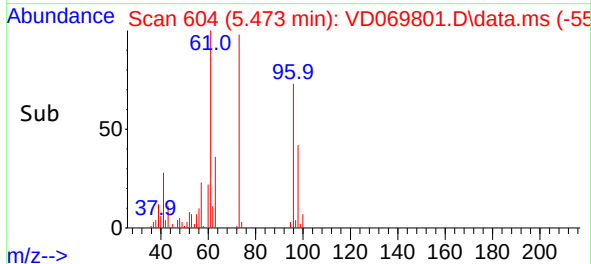
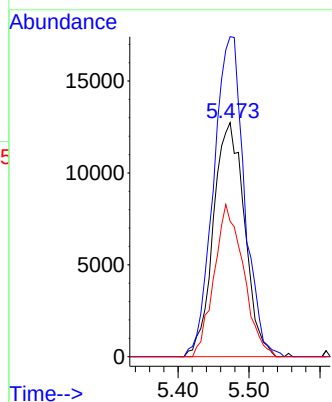
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



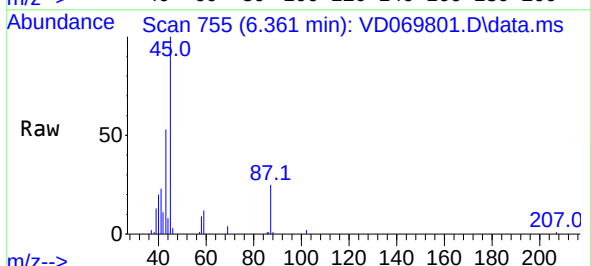
Tgt Ion: 96 Resp: 38782
Ion Ratio Lower Upper
96 100
61 136.7 107.0 160.6
98 57.8 52.3 78.5

Manual Integrations
APPROVED

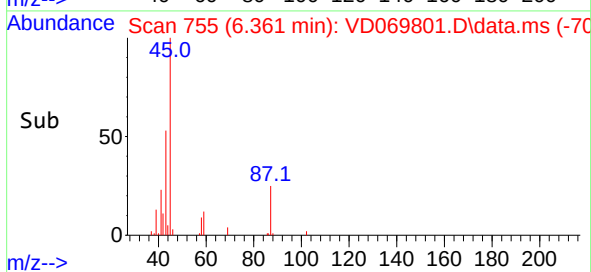
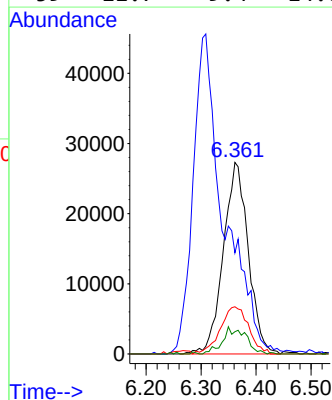
MMDadoda
7/23/2021 5:15:14 PM

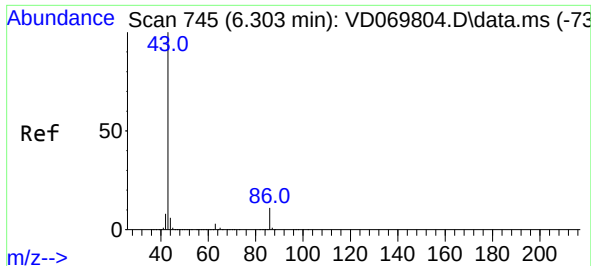


#22
Diisopropyl ether
Concen: 4.206 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



Tgt Ion: 45 Resp: 86159
Ion Ratio Lower Upper
45 100
43 51.2 39.2 58.8
87 24.7 22.3 33.5
59 11.7 9.4 14.0





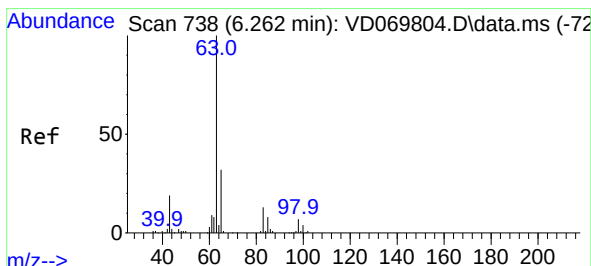
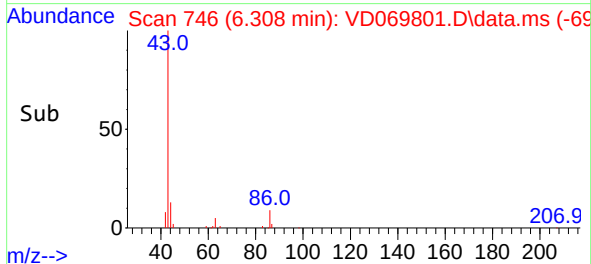
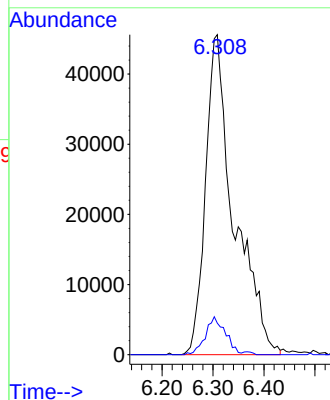
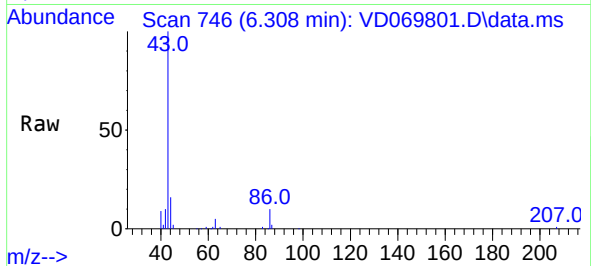
#23
 Vinyl Acetate
 Concen: 18.052 ug/l m
 RT: 6.308 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD069801.D
 Acq: 22 Jul 2021 10:13

Tgt Ion: 43 Resp: 177190
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 13.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

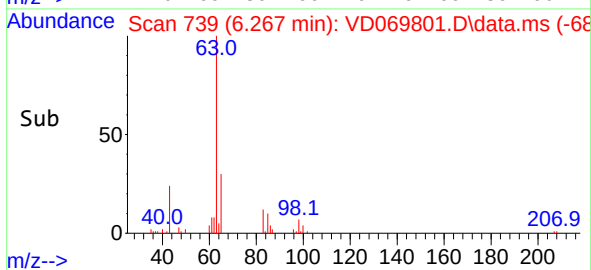
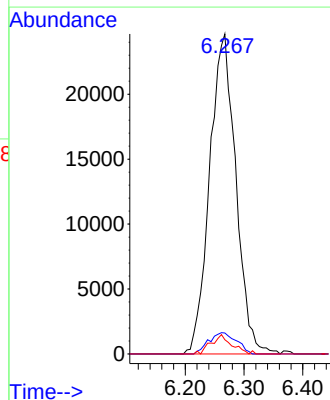
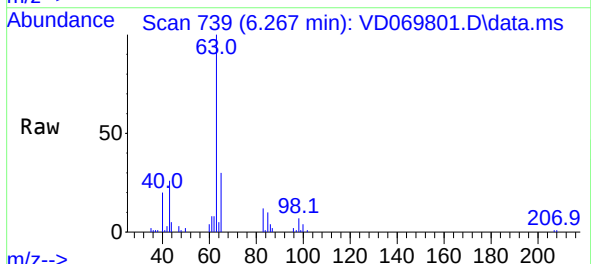
Manual Integrations
 APPROVED

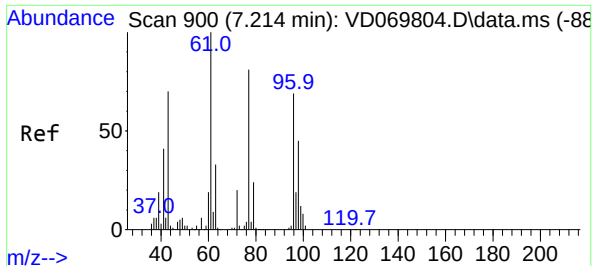
MMDadoda
 7/23/2021 5:15:14 PM



#24
 1,1-Dichloroethane
 Concen: 5.396 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD069801.D
 Acq: 22 Jul 2021 10:13

Tgt Ion: 63 Resp: 76341
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.5 2.2 6.6





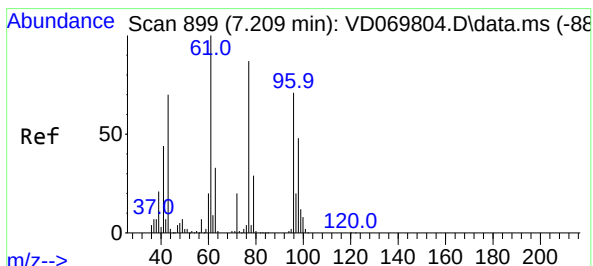
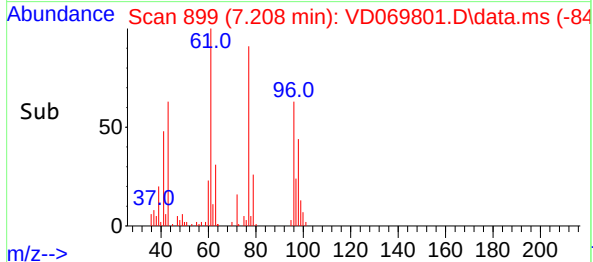
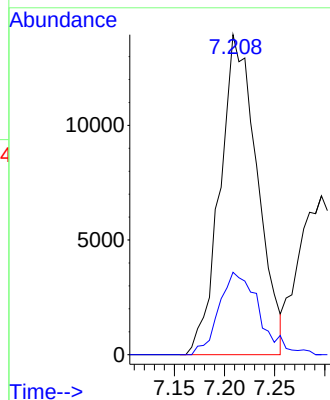
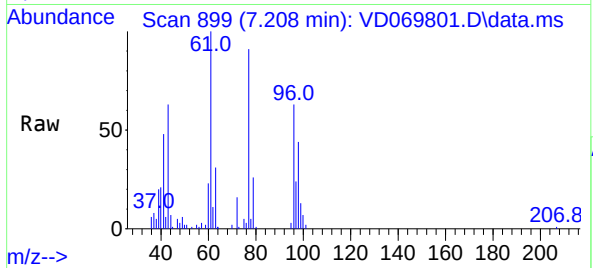
#25
2-Butanone
Concen: 22.771 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 43 Resp: 36053
Ion Ratio Lower Upper
43 100
72 25.7 22.8 34.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

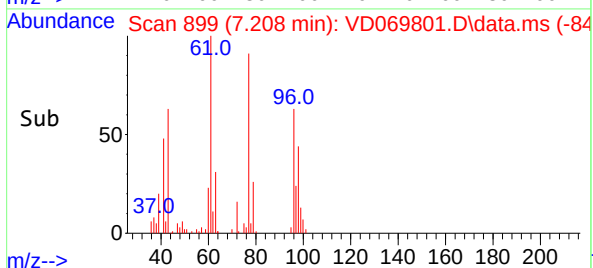
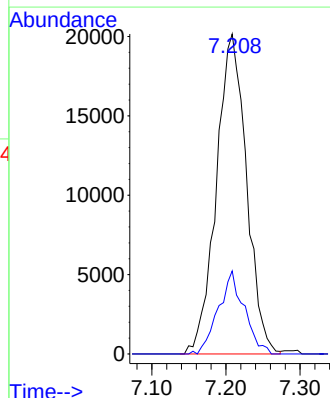
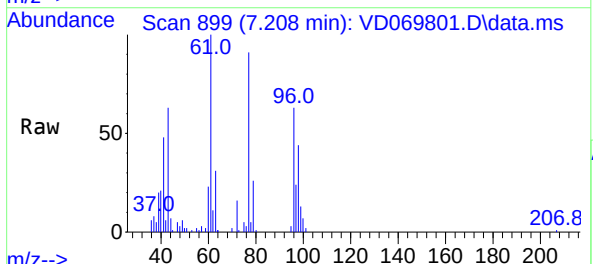
Manual Integrations
APPROVED

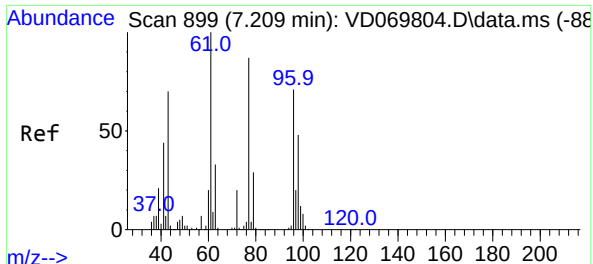
MMDadoda
7/23/2021 5:15:14 PM



#26
2,2-Dichloropropane
Concen: 5.295 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 77 Resp: 56968
Ion Ratio Lower Upper
77 100
97 22.2 11.9 35.7





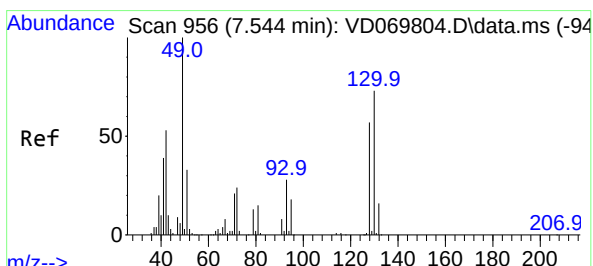
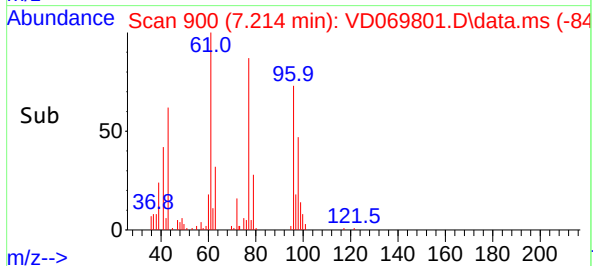
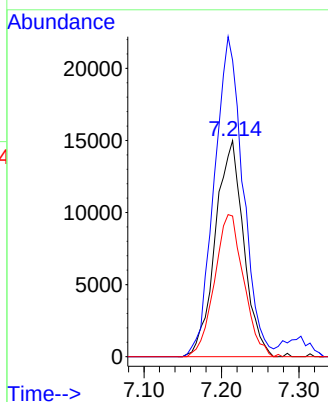
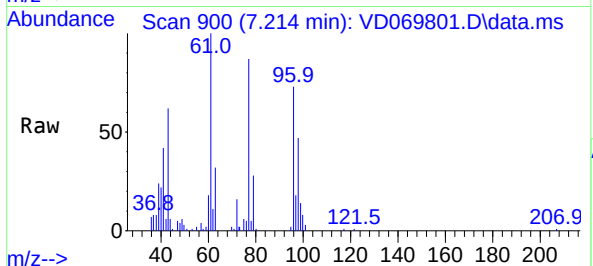
#27
cis-1,2-Dichloroethene
Concen: 4.714 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:	96	Resp:	38106
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	291.6
98	67.8	0.0	132.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

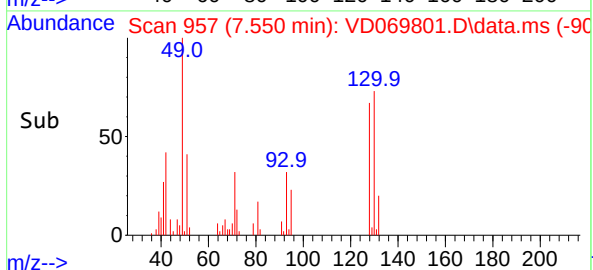
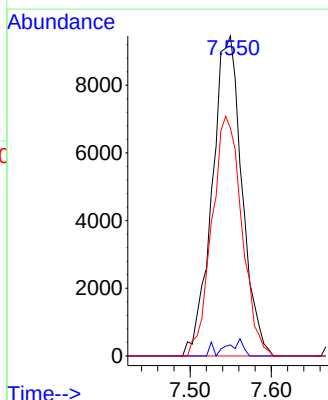
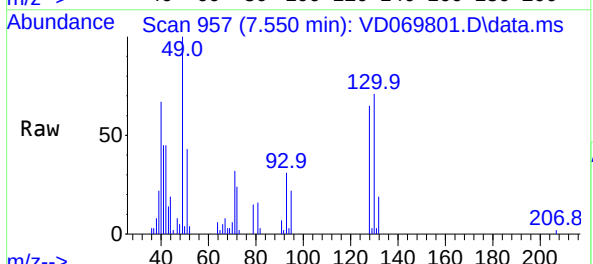
Manual Integrations
APPROVED

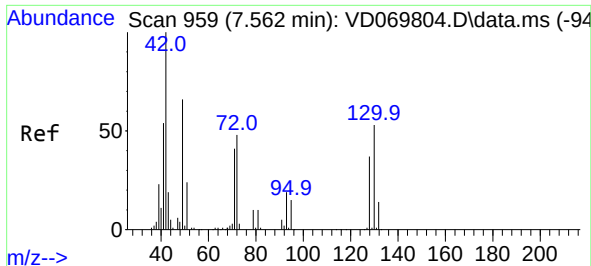
MMDadoda
7/23/2021 5:15:14 PM



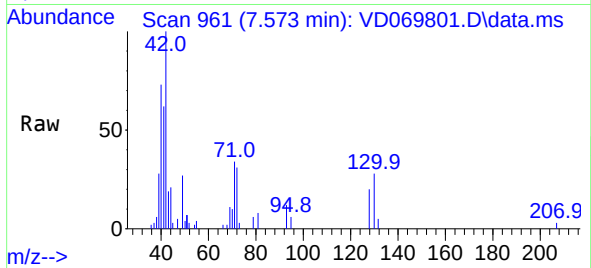
#28
Bromochloromethane
Concen: 4.495 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:	49	Resp:	24145
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.2
130	75.1	59.6	89.4



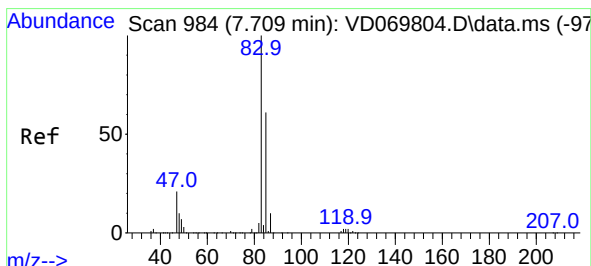
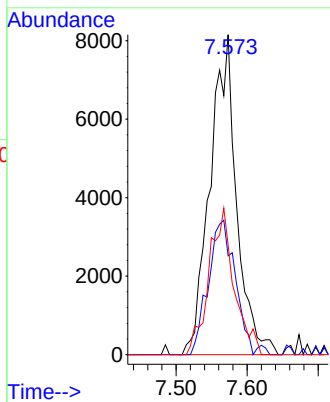
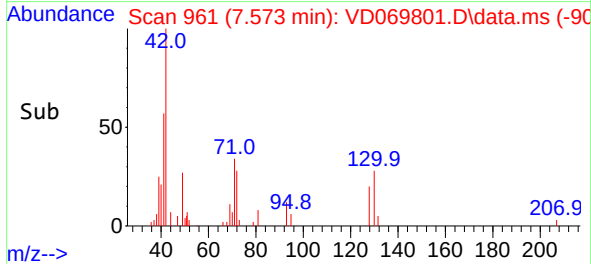


#29
Tetrahydrofuran
Concen: 20.704 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.012 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

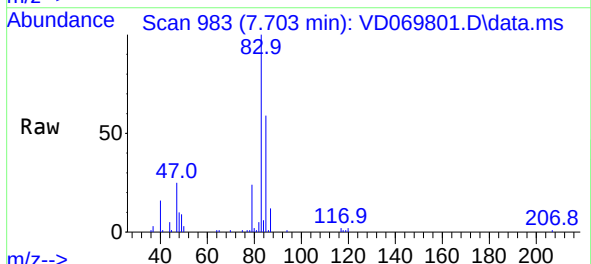


Tgt Ion: 42 Resp: 21208

Ion	Ratio	Lower	Upper
42	100		
72	42.5	36.5	54.7
71	43.4	33.5	50.3

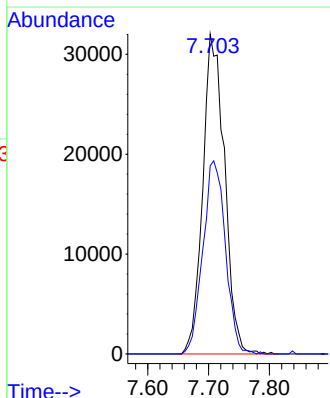
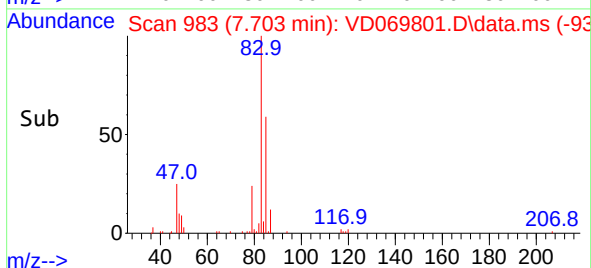


#30
Chloroform
Concen: 5.580 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



Tgt Ion: 83 Resp: 79371

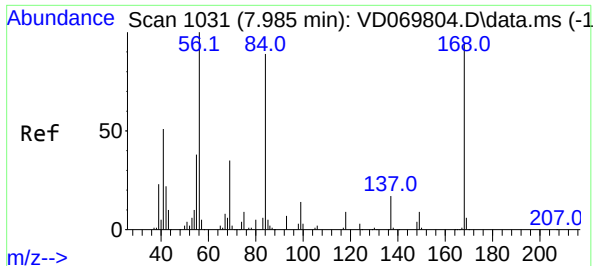
Ion	Ratio	Lower	Upper
83	100		
85	58.8	49.1	73.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

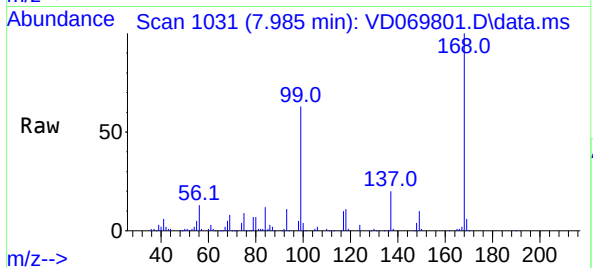
Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:15:14 PM



#31
Cyclohexane
Concen: 5.483 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

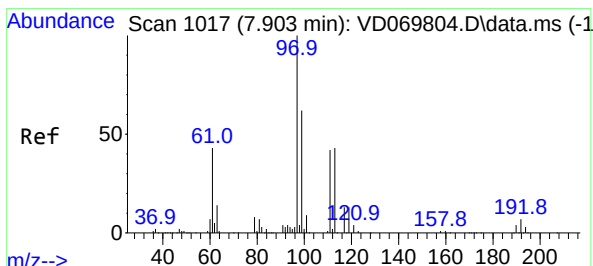
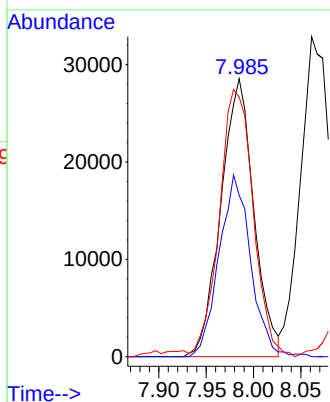
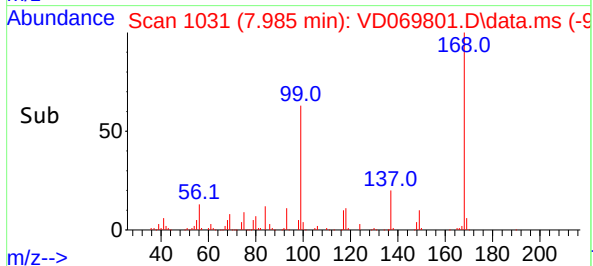
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



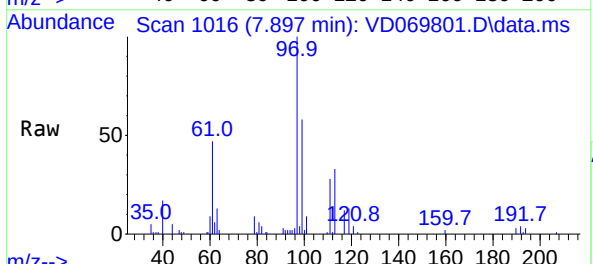
Tgt Ion: 56 Resp: 69240
Ion Ratio Lower Upper
56 100
69 58.0 27.9 41.9#
84 91.5 71.4 107.2

Manual Integrations
APPROVED

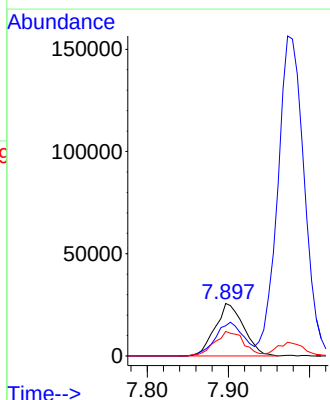
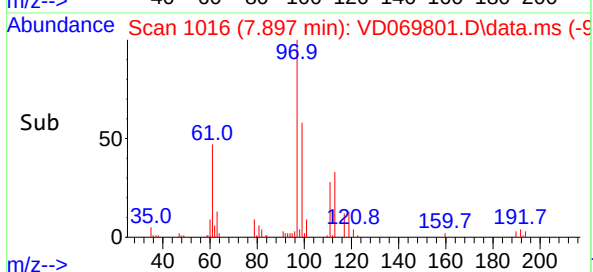
MMDadoda
7/23/2021 5:15:14 PM

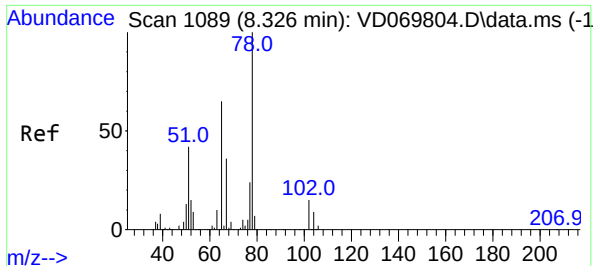


#32
1,1,1-Trichloroethane
Concen: 5.318 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



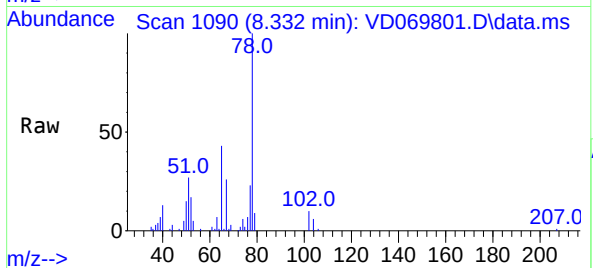
Tgt Ion: 97 Resp: 62619
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 47.7 34.5 51.7





#33
1,2-Dichloroethane-d4
Concen: 5.392 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

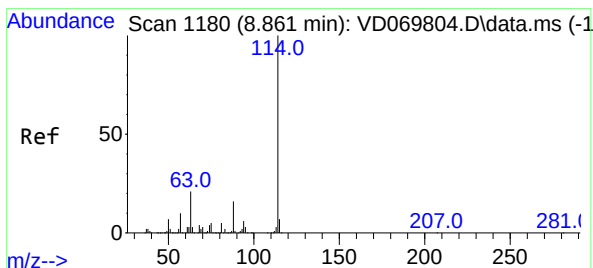
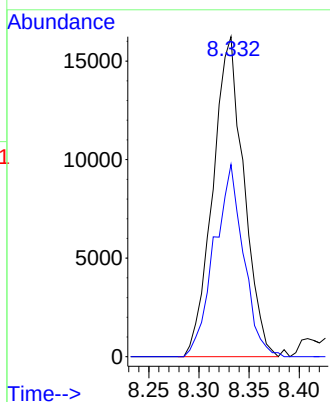
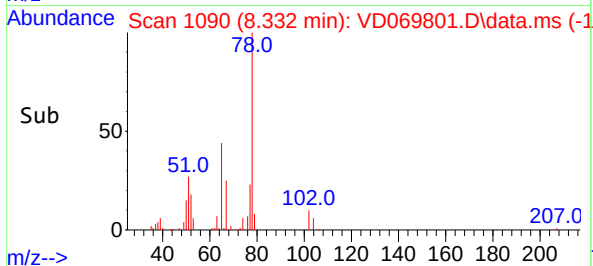
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



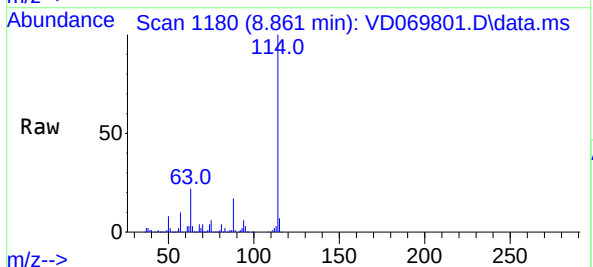
Tgt Ion: 65 Resp: 34847
Ion Ratio Lower Upper
65 100
67 57.0 0.0 111.2

Manual Integrations
APPROVED

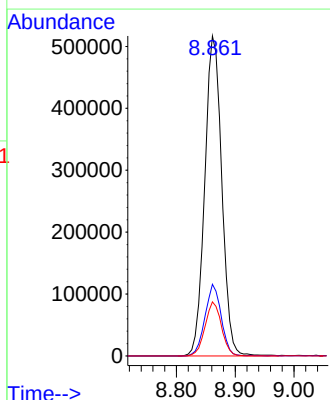
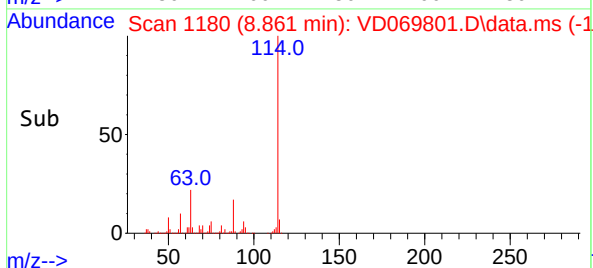
MMDadoda
7/23/2021 5:15:14 PM

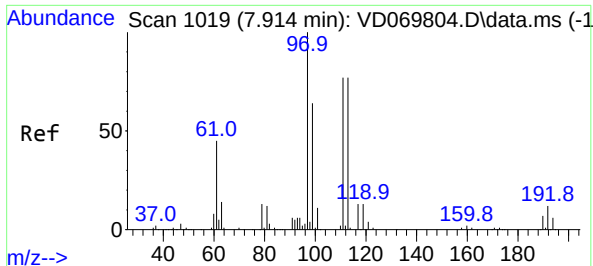


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

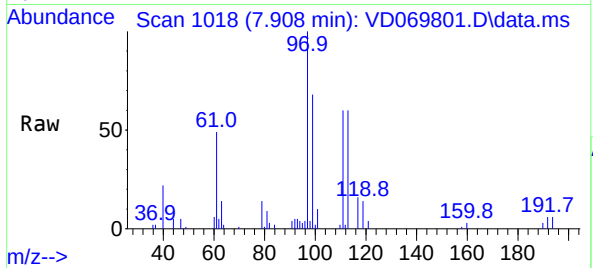


Tgt Ion: 114 Resp: 1039947
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.6
88 16.9 0.0 31.4

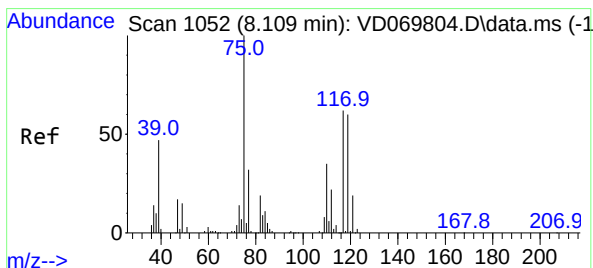
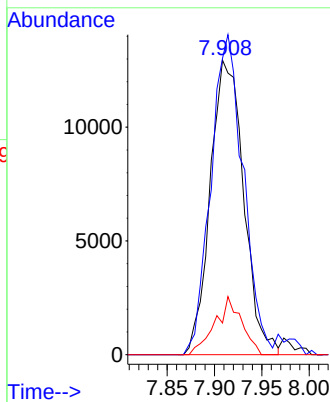
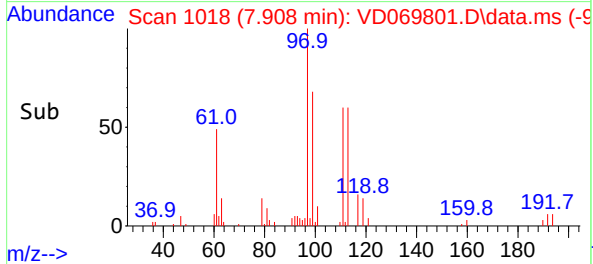




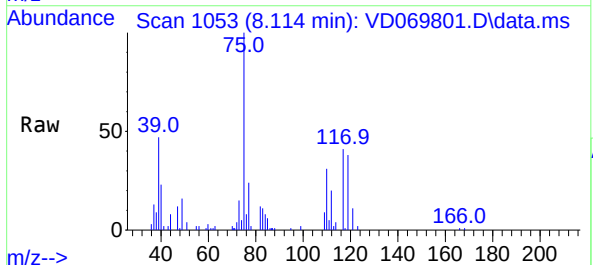
#35
Dibromofluoromethane
Concen: 4.852 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



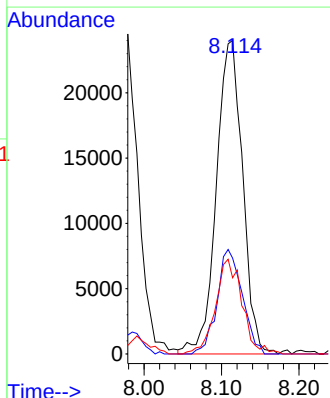
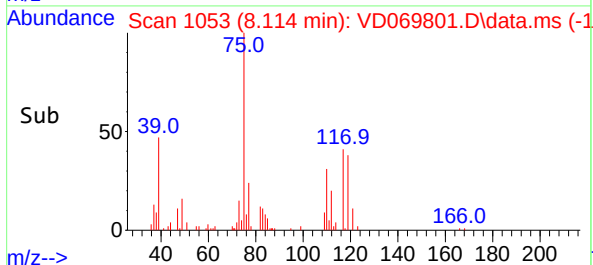
Tgt Ion: 113 Resp: 31811
Ion Ratio Lower Upper
113 100
111 105.0 80.5 120.7
192 15.7 12.6 19.0



#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



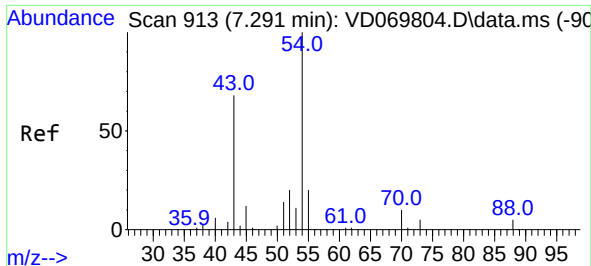
Tgt Ion: 75 Resp: 56557
Ion Ratio Lower Upper
75 100
110 32.0 16.9 50.7
77 30.7 24.9 37.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

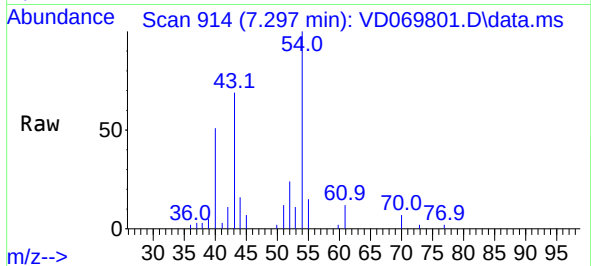
Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:15:14 PM



#37
Ethyl Acetate
Concen: 4.859 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

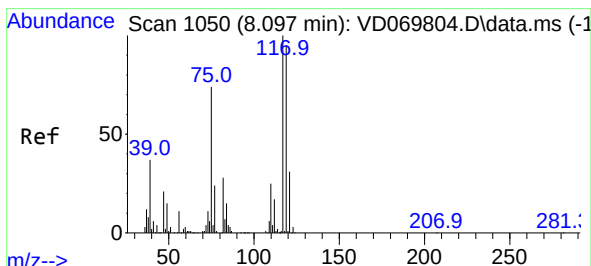
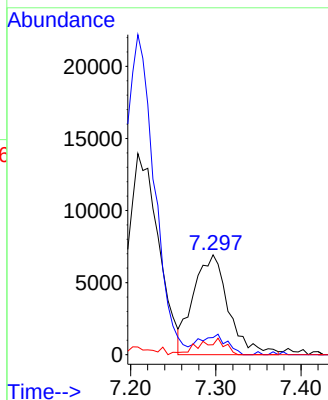
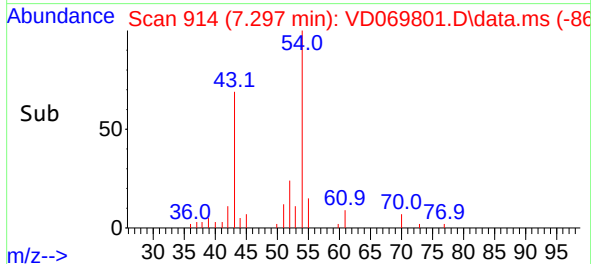
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



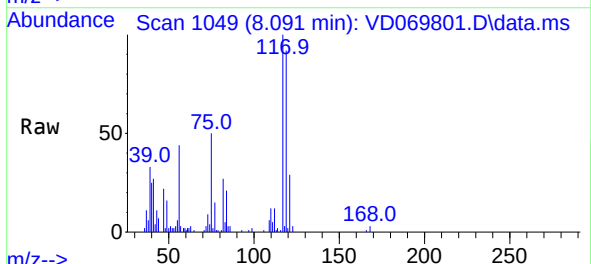
Tgt Ion: 43 Resp: 19851
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.8
70 11.5 8.9 13.3

Manual Integrations
APPROVED

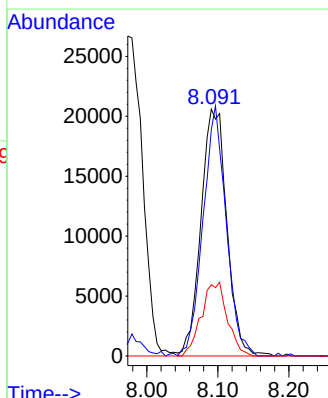
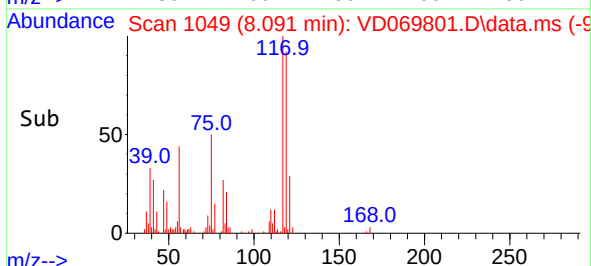
MMDadoda
7/23/2021 5:15:14 PM

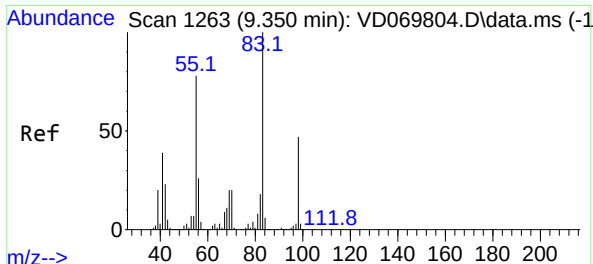


#38
Carbon Tetrachloride
Concen: 5.092 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



Tgt Ion: 117 Resp: 52204
Ion Ratio Lower Upper
117 100
119 91.7 76.2 114.2
121 28.8 24.5 36.7





#39

Methylcyclohexane

Concen: 4.330 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD069801.D

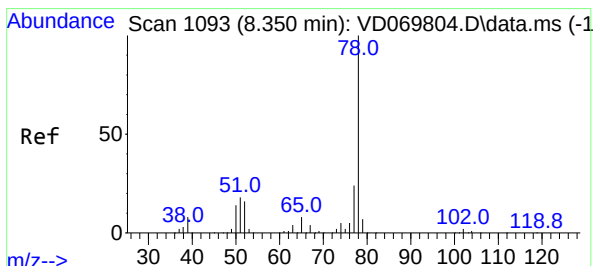
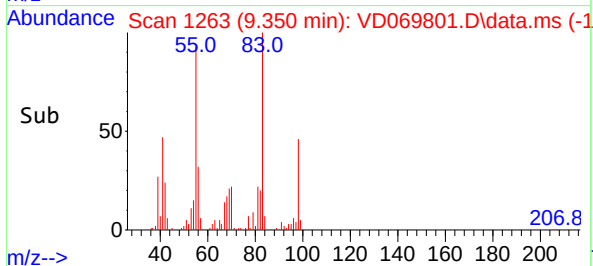
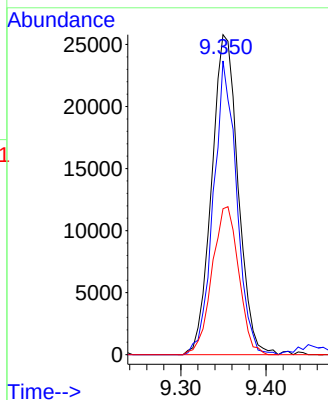
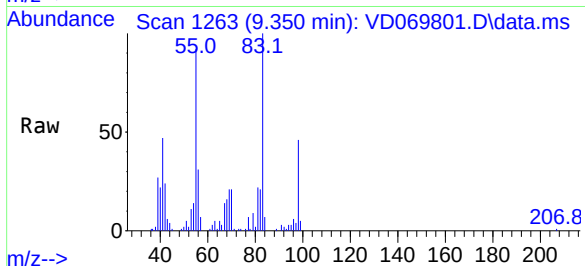
Acq: 22 Jul 2021 10:13

Tgt Ion:	83	Resp:	55660
Ion	Ratio	Lower	Upper
83	100		
55	91.8	62.2	93.2
98	45.6	37.8	56.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:15:14 PM



#40

Benzene

Concen: 4.982 ug/l

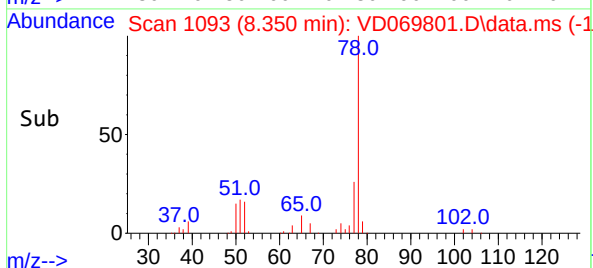
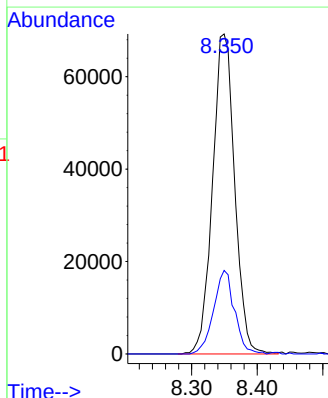
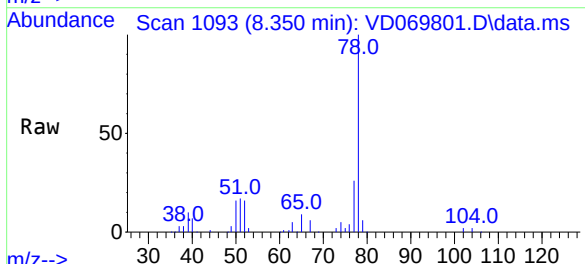
RT: 8.350 min Scan# 1093

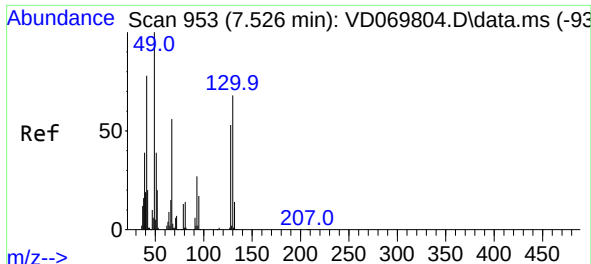
Delta R.T. -0.000 min

Lab File: VD069801.D

Acq: 22 Jul 2021 10:13

Tgt Ion:	78	Resp:	161966
Ion	Ratio	Lower	Upper
78	100		
77	26.1	19.4	29.0





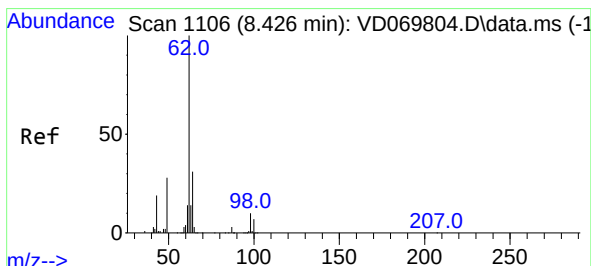
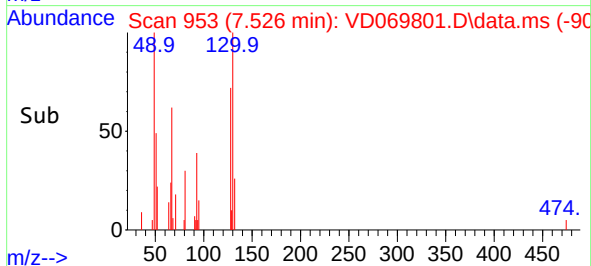
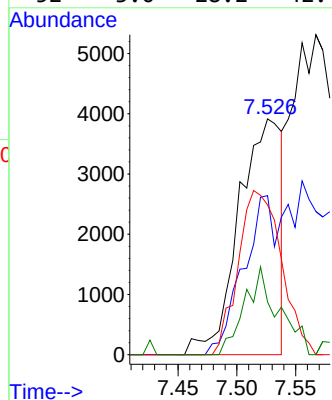
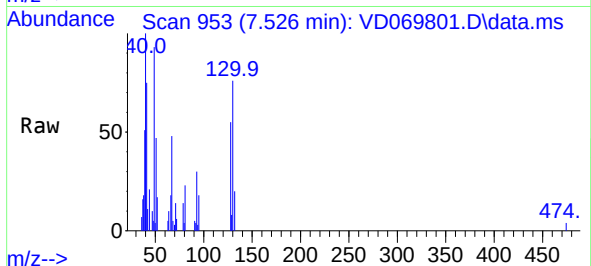
#41
Methacrylonitrile
Concen: 4.866 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:	41	Resp:	9918
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.7	70.1#
67	0.0	69.3	103.9#
52	3.0	28.2	42.4#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

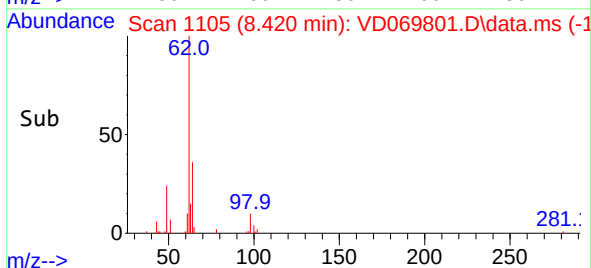
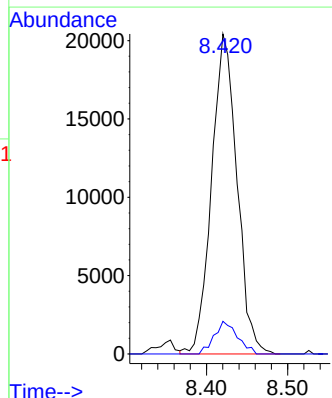
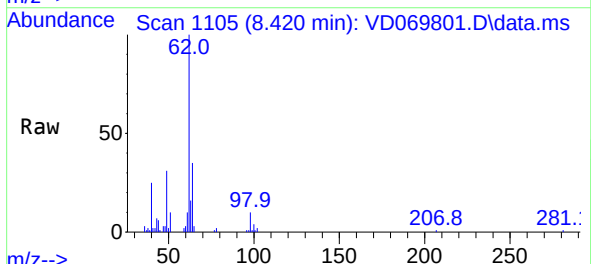
Manual Integrations
APPROVED

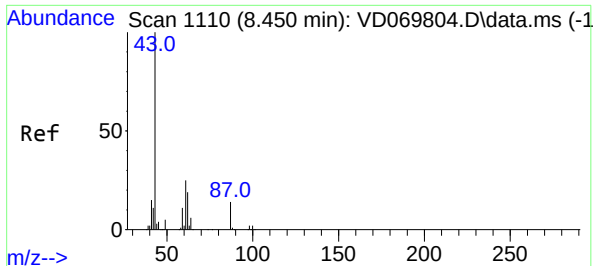
MMDadoda
7/23/2021 5:15:14 PM



#42
1,2-Dichloroethane
Concen: 5.163 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:	62	Resp:	44392
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.4





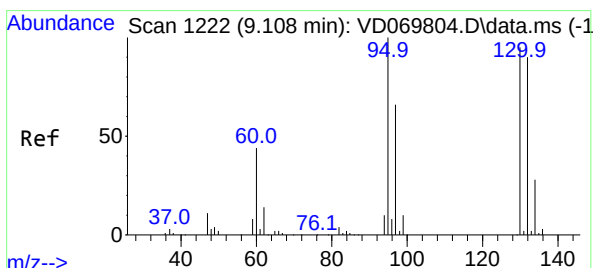
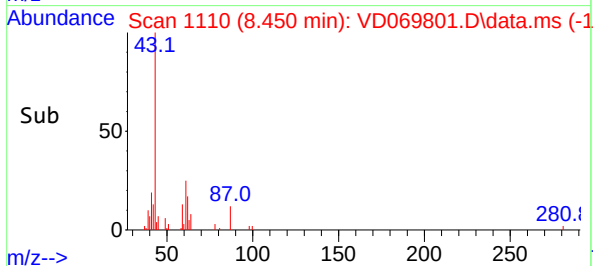
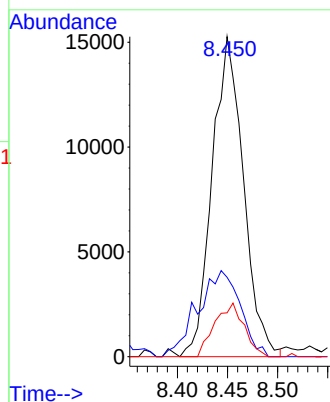
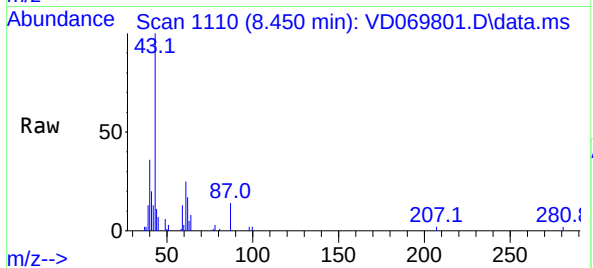
#43
Isopropyl Acetate
Concen: 4.533 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 43	Resp: 33215
Ion Ratio	Lower Upper
43 100	
61 36.4	27.8 41.6
87 15.7	11.3 16.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

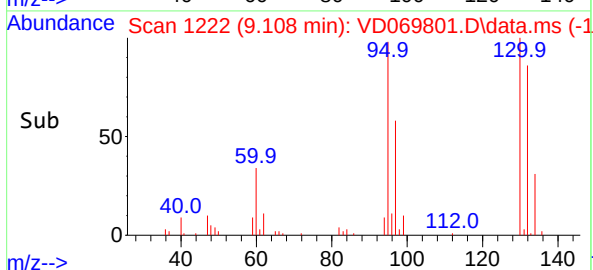
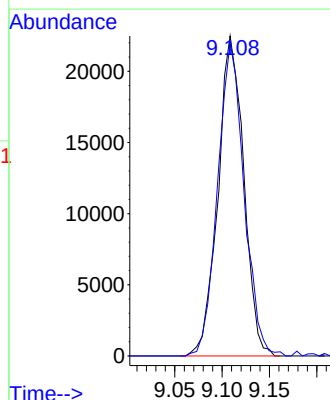
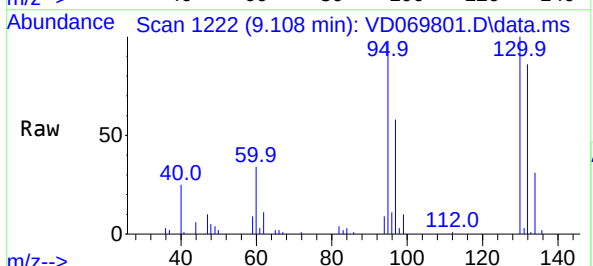
Manual Integrations
APPROVED

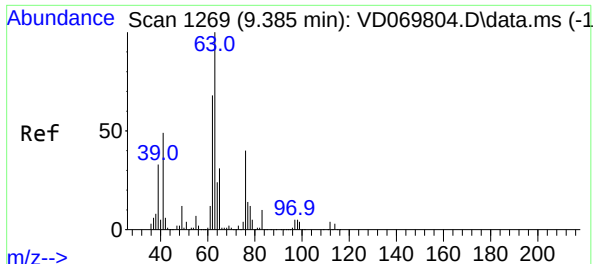
MMDadoda
7/23/2021 5:15:14 PM



#44
Trichloroethene
Concen: 5.310 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:130	Resp:	42517	
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	210.8





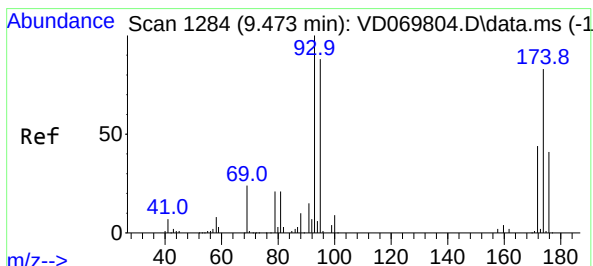
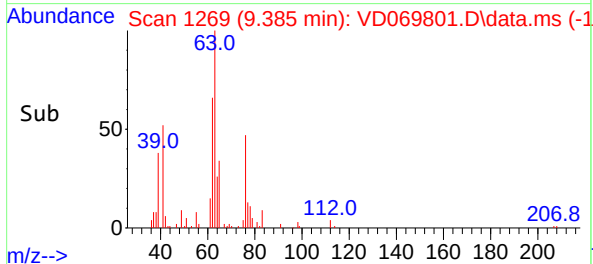
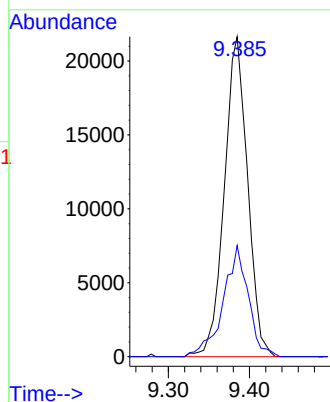
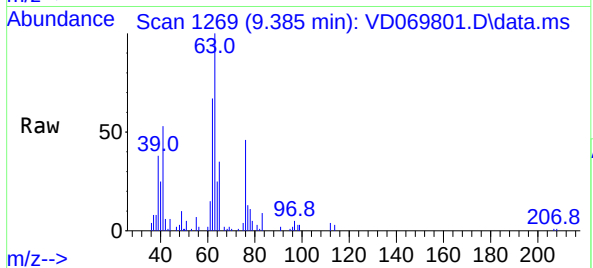
#45
1,2-Dichloropropane
Concen: 5.042 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 63 Resp: 43058
Ion Ratio Lower Upper
63 100
65 34.8 24.9 37.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

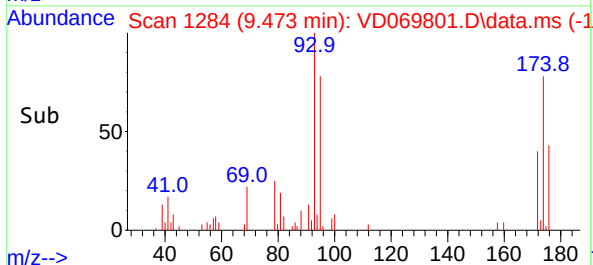
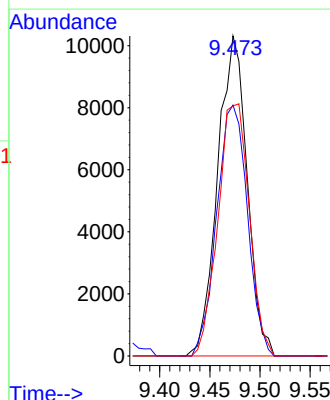
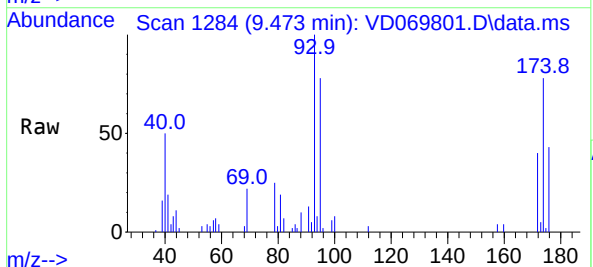
Manual Integrations
APPROVED

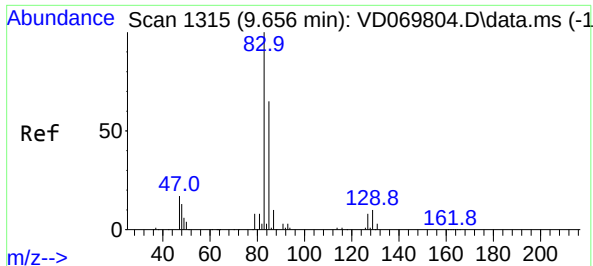
MMDadoda
7/23/2021 5:15:14 PM



#46
Dibromomethane
Concen: 5.011 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 93 Resp: 21036
Ion Ratio Lower Upper
93 100
95 81.7 67.5 101.3
174 84.0 66.3 99.5





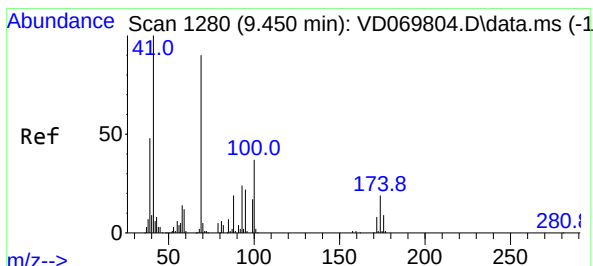
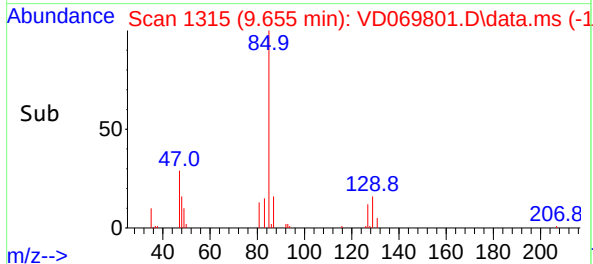
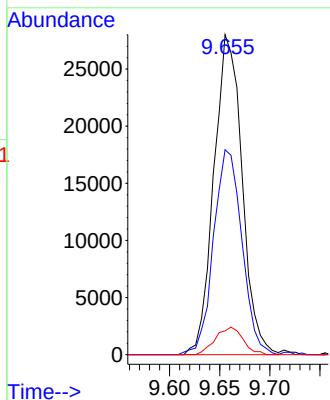
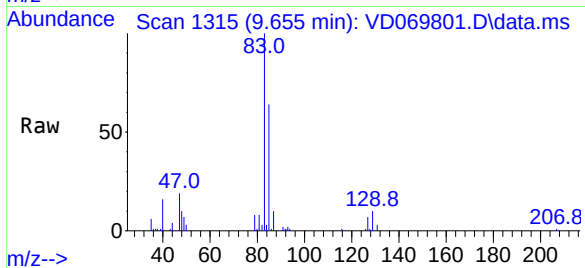
#47
Bromodichloromethane
Concen: 5.023 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:	83	Resp:	54787
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.0	78.0
127	7.5	6.6	10.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

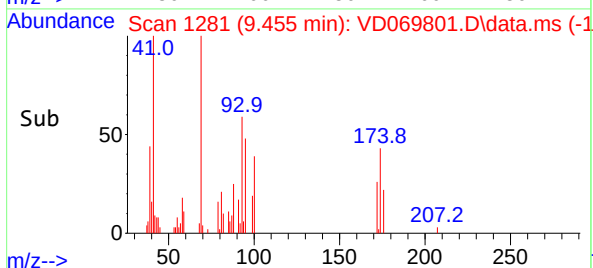
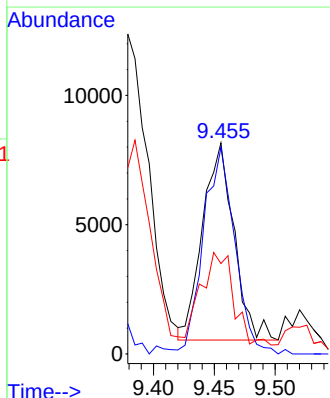
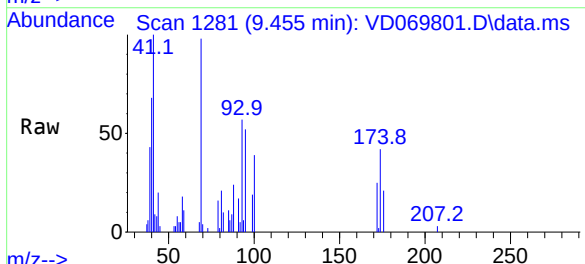
Manual Integrations
APPROVED

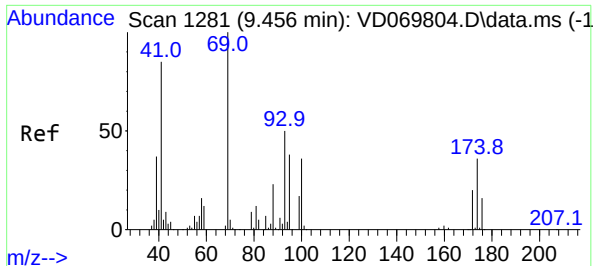
MMDadoda
7/23/2021 5:15:14 PM



#48
Methyl methacrylate
Concen: 3.883 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

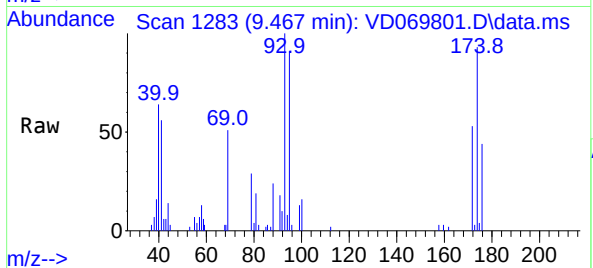
Tgt Ion:	41	Resp:	13687
Ion	Ratio	Lower	Upper
41	100		
69	104.8	73.4	110.2
39	48.5	36.6	55.0





#49
1,4-Dioxane
Concen: 96.727 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.012 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

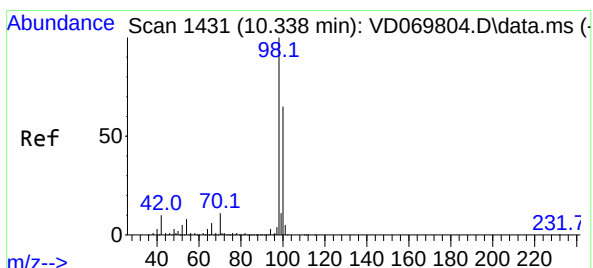
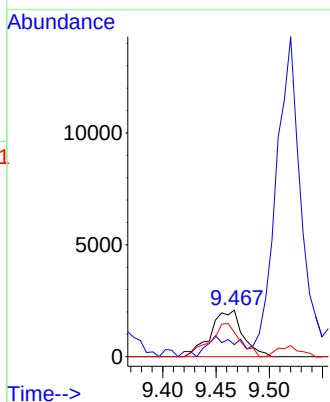
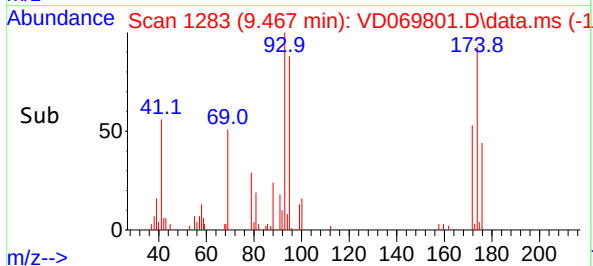
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



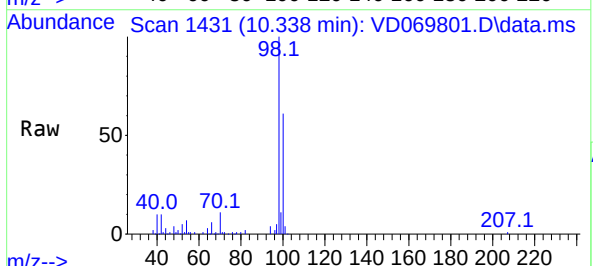
Tgt Ion: 88 Resp: 4290
Ion Ratio Lower Upper
88 100
43 44.7 26.8 40.2#
58 66.1 59.8 89.6

Manual Integrations
APPROVED

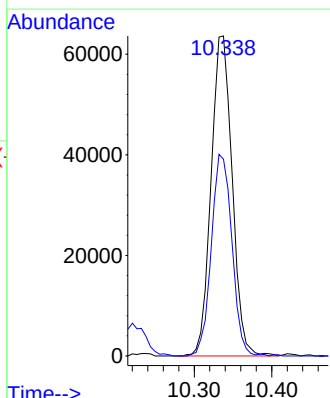
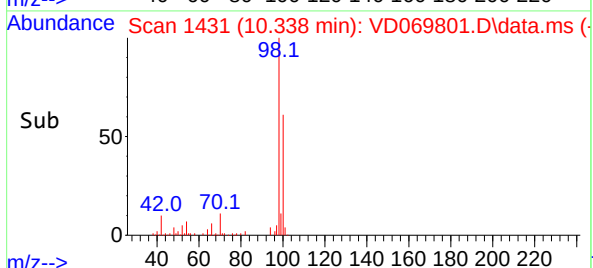
MMDadoda
7/23/2021 5:15:14 PM

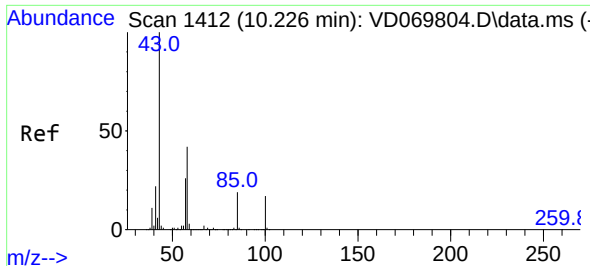


#50
Toluene-d8
Concen: 4.772 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



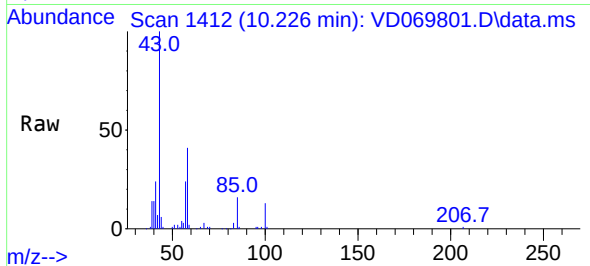
Tgt Ion: 98 Resp: 120624
Ion Ratio Lower Upper
98 100
100 61.6 51.9 77.9



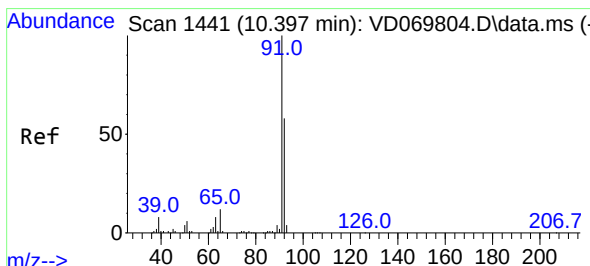
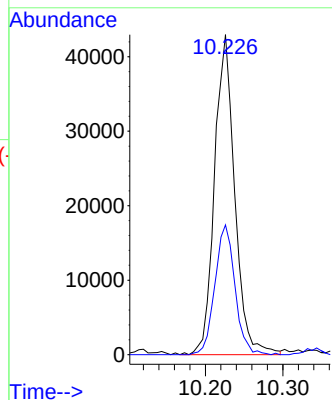
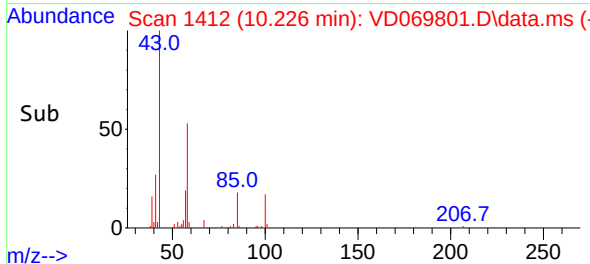


#51
4-Methyl-2-Pentanone
Concen: 20.422 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

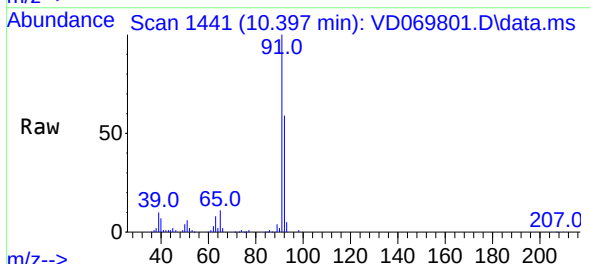
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



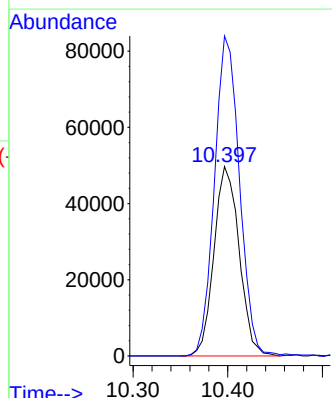
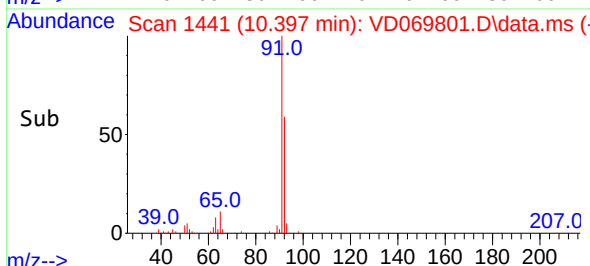
Tgt Ion: 43 Resp: 77871
Ion Ratio Lower Upper
43 100
58 40.2 33.7 50.5

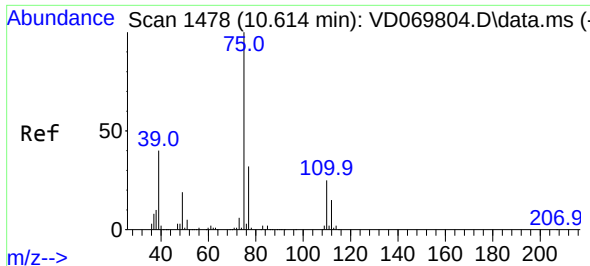


#52
Toluene
Concen: 4.655 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



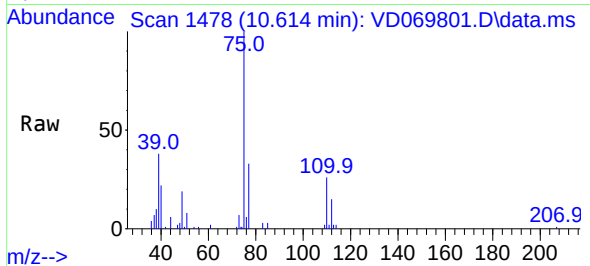
Tgt Ion: 92 Resp: 91818
Ion Ratio Lower Upper
92 100
91 168.7 138.7 208.1





#53
 t-1,3-Dichloropropene
 Concen: 4.717 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. -0.000 min
 Lab File: VD069801.D
 Acq: 22 Jul 2021 10:13

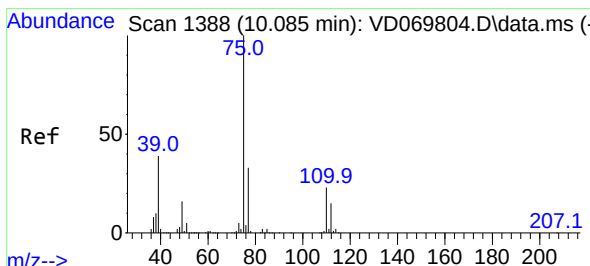
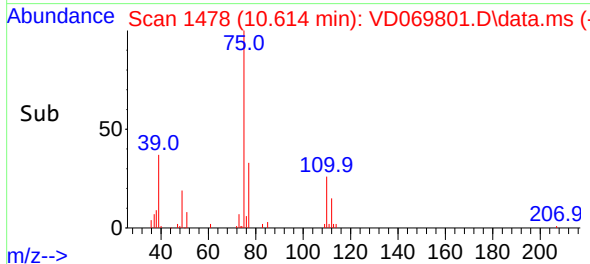
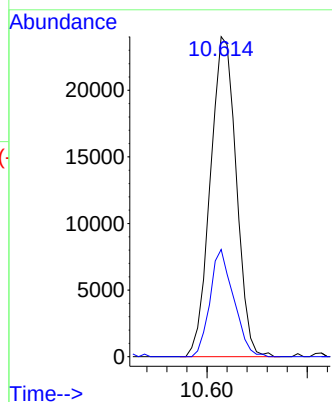
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



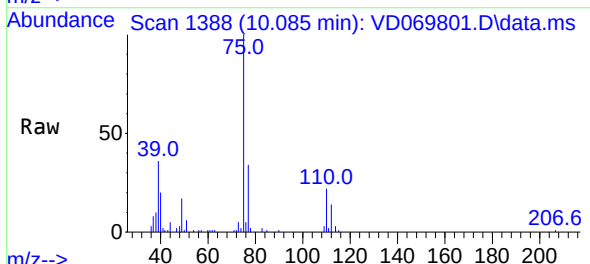
Tgt Ion: 75 Resp: 43182
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.8 38.6

Manual Integrations
 APPROVED

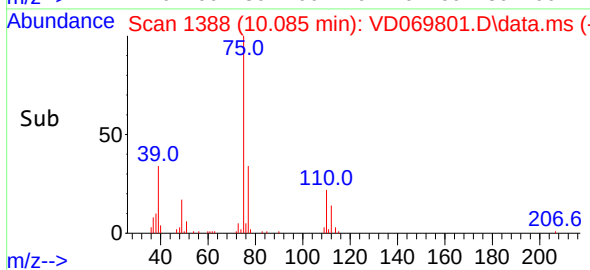
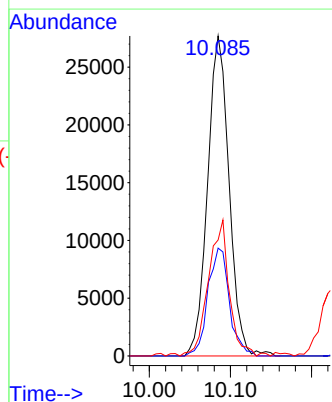
MMDadoda
 7/23/2021 5:15:14 PM

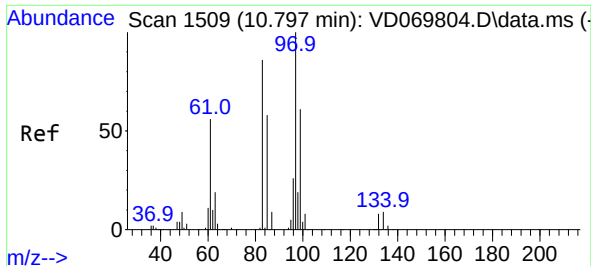


#54
 cis-1,3-Dichloropropene
 Concen: 4.606 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD069801.D
 Acq: 22 Jul 2021 10:13

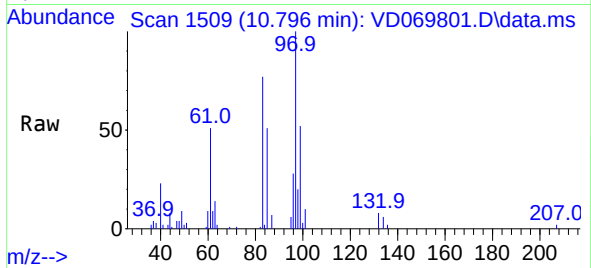


Tgt Ion: 75 Resp: 51046
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.3 39.5
 39 36.3 31.0 46.6

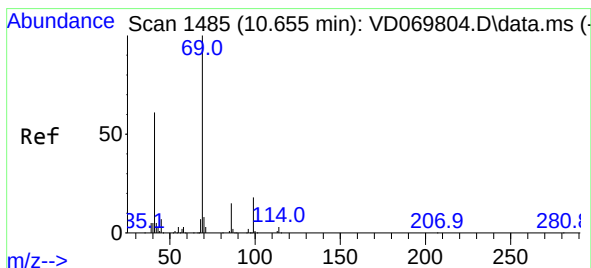
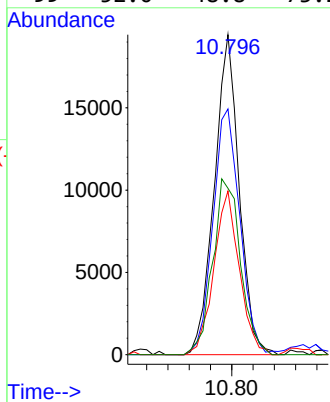
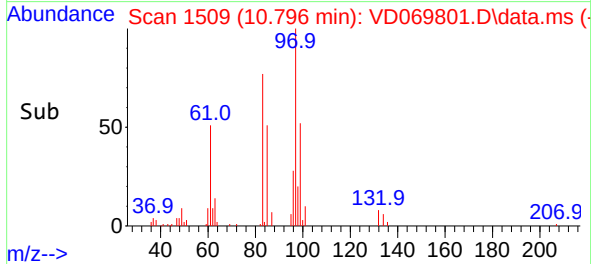




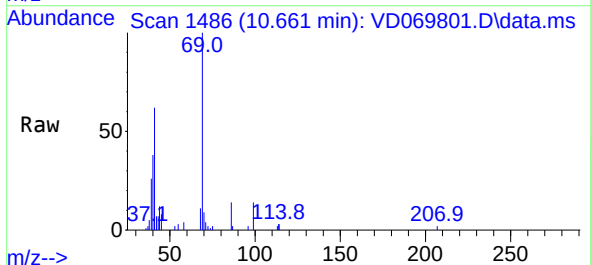
#55
1,1,2-Trichloroethane
Concen: 5.302 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



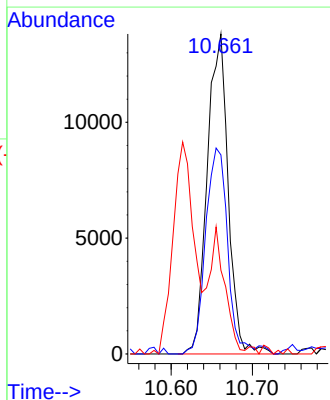
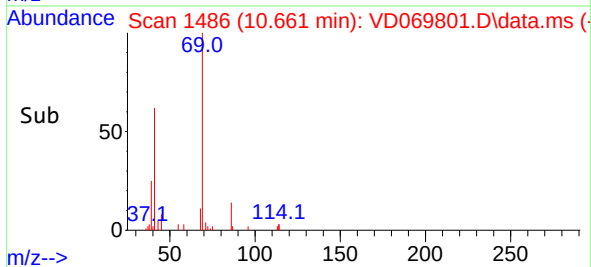
Tgt Ion:	97	Resp:	31440
Ion	Ratio	Lower	Upper
97	100		
83	76.8	69.1	103.7
85	51.2	46.2	69.2
99	52.0	48.8	73.2



#56
Ethyl methacrylate
Concen: 3.818 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



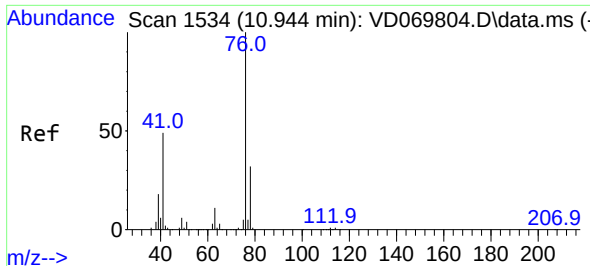
Tgt Ion:	69	Resp:	24787
Ion	Ratio	Lower	Upper
69	100		
41	67.1	50.2	75.2
39	28.5	22.0	33.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

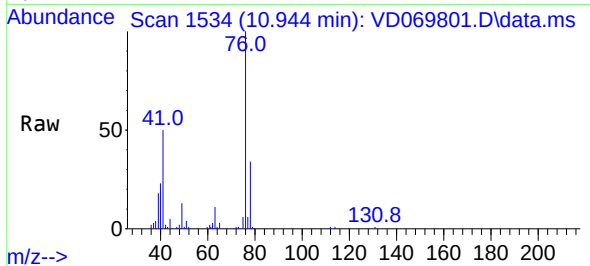
Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:15:14 PM

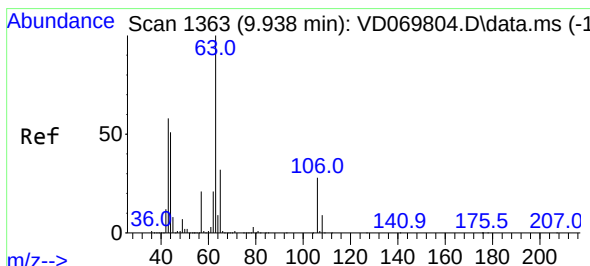
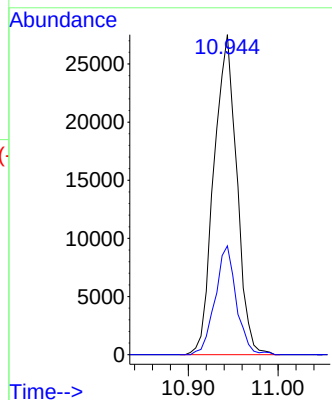
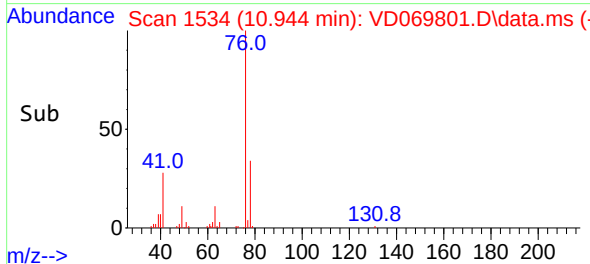


#57
1,3-Dichloropropane
Concen: 4.857 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

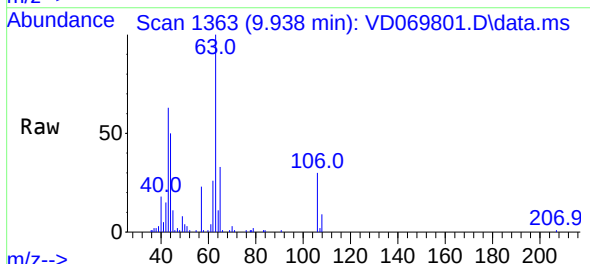
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



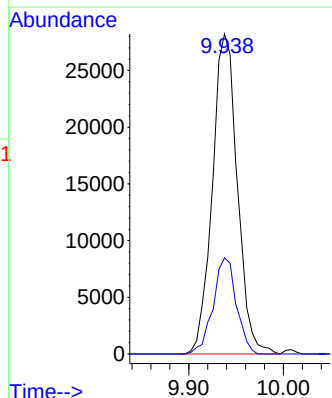
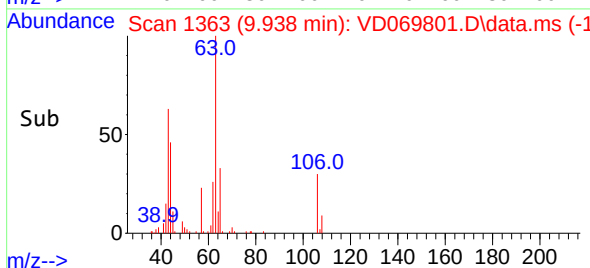
Tgt Ion: 76 Resp: 48734
Ion Ratio Lower Upper
76 100
78 31.5 26.2 39.2

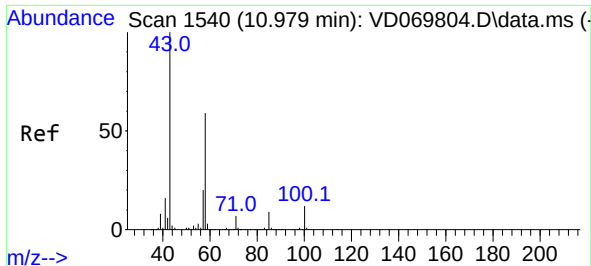


#58
2-Chloroethyl Vinyl ether
Concen: 18.562 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



Tgt Ion: 63 Resp: 51621
Ion Ratio Lower Upper
63 100
106 28.0 21.8 32.6





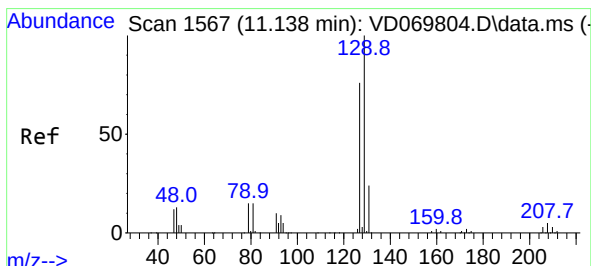
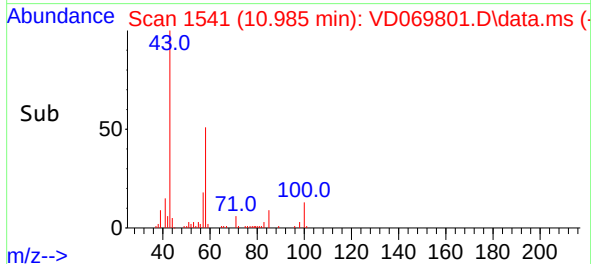
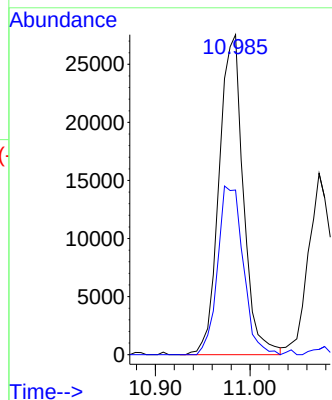
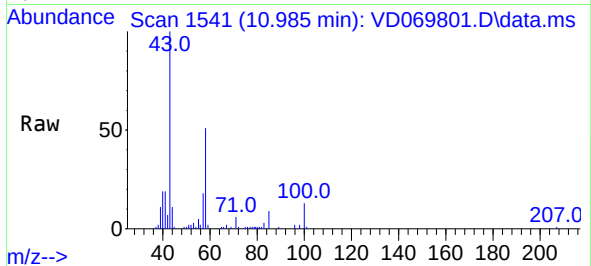
#59
2-Hexanone
Concen: 19.442 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 43 Resp: 49037
Ion Ratio Lower Upper
43 100
58 55.3 29.4 88.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

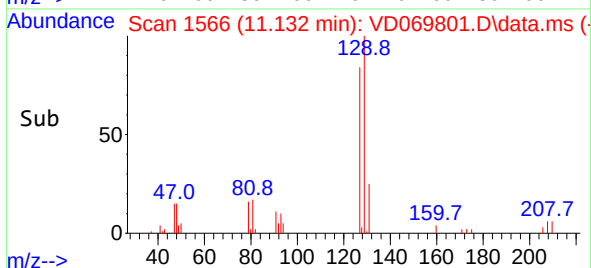
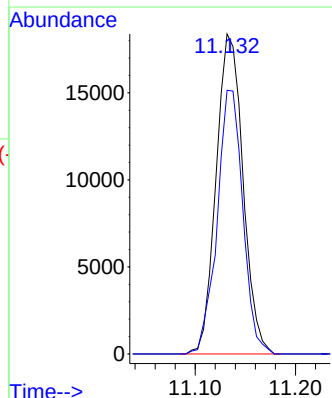
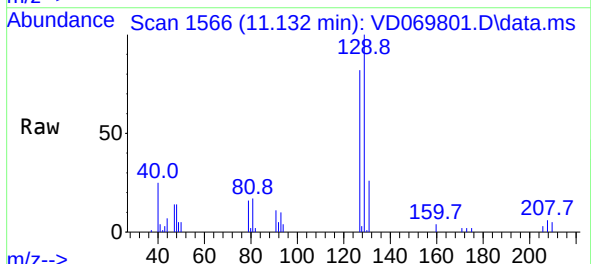
Manual Integrations
APPROVED

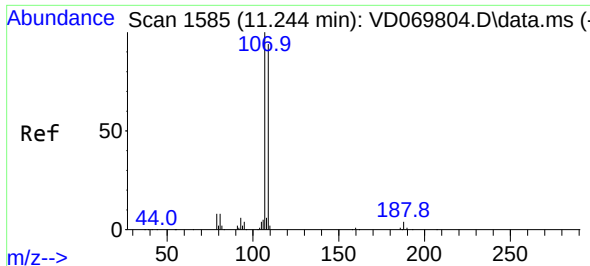
MMDadoda
7/23/2021 5:15:14 PM



#60
Dibromochloromethane
Concen: 5.090 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 129 Resp: 34179
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1





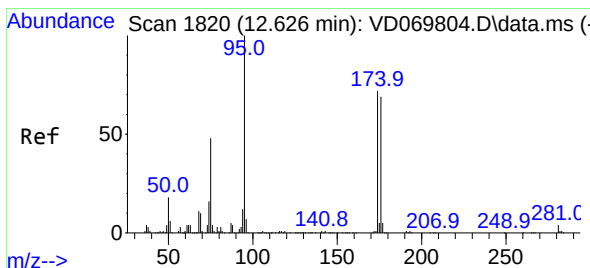
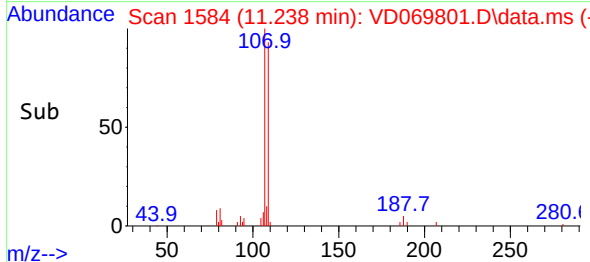
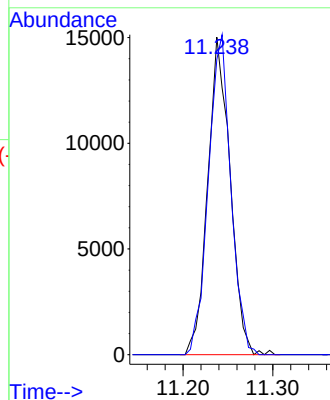
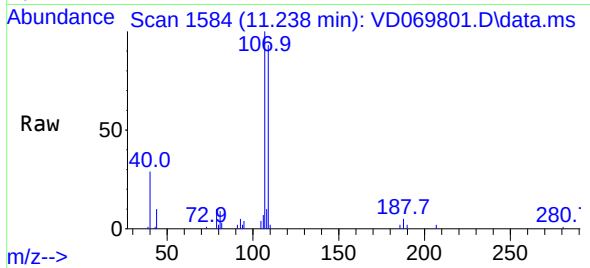
#61
1,2-Dibromoethane
Concen: 4.876 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:107 Resp: 26032
Ion Ratio Lower Upper
107 100
109 100.8 74.5 111.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

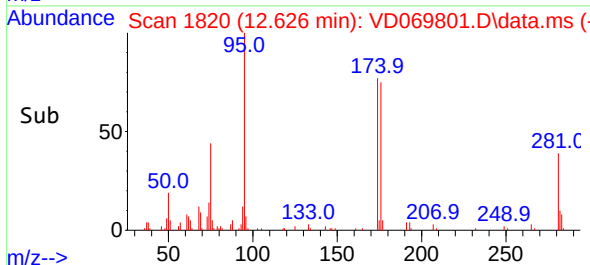
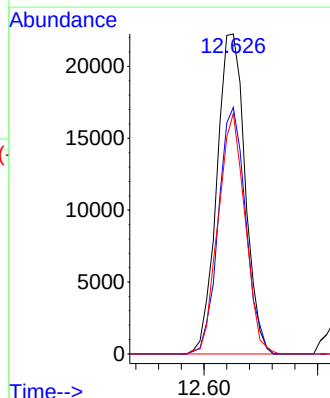
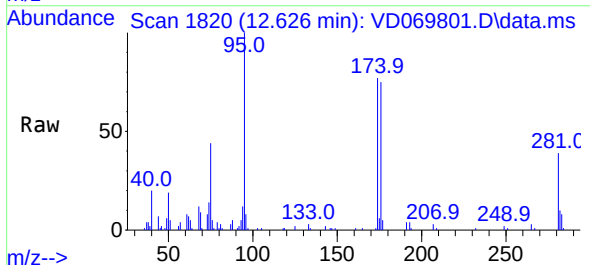
Manual Integrations
APPROVED

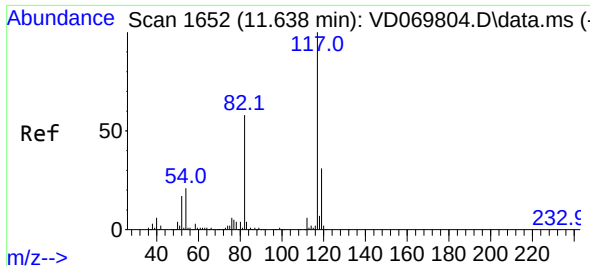
MMDadoda
7/23/2021 5:15:14 PM



#62
4-Bromofluorobenzene
Concen: 4.555 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

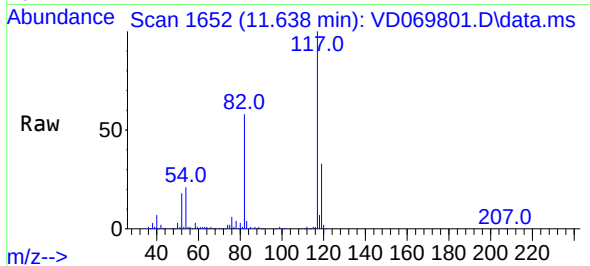
Tgt Ion: 95 Resp: 38479
Ion Ratio Lower Upper
95 100
174 74.1 0.0 142.6
176 71.4 0.0 134.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

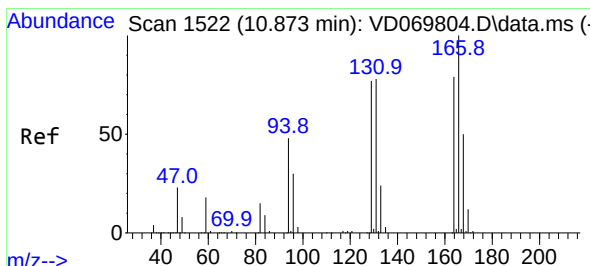
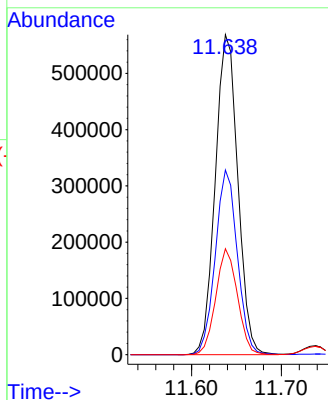
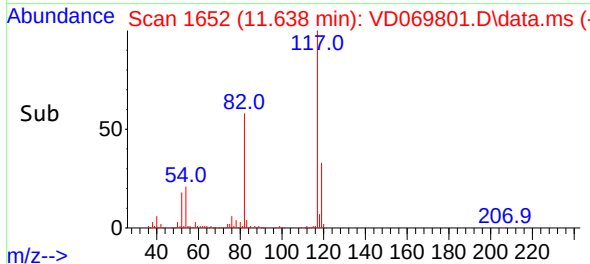
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



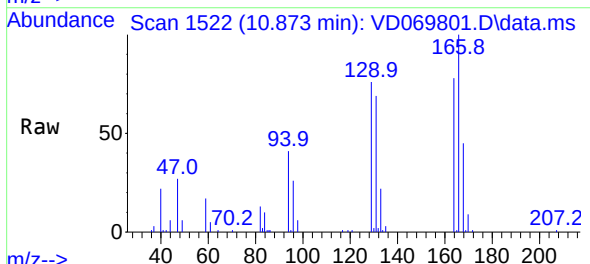
Tgt Ion:117 Resp: 992010
Ion Ratio Lower Upper
117 100
82 57.7 46.3 69.5
119 33.1 24.7 37.1

Manual Integrations
APPROVED

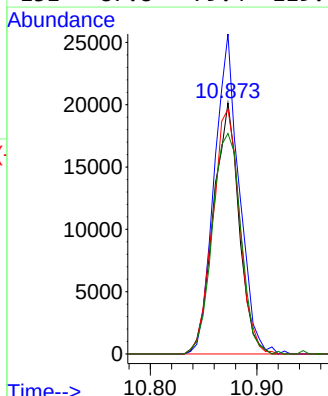
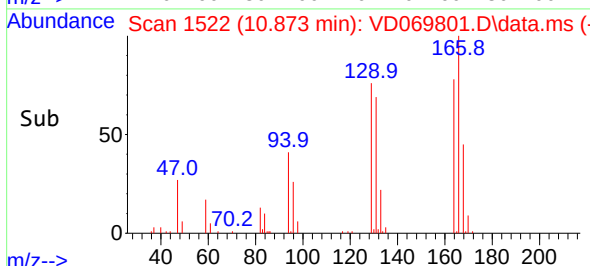
MMDadoda
7/23/2021 5:15:14 PM

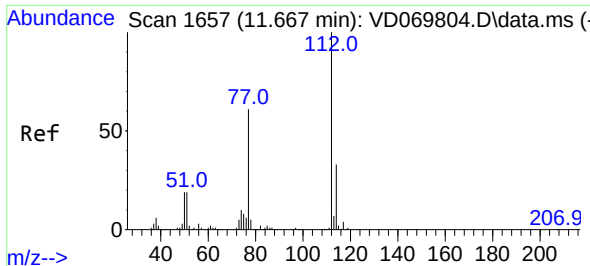


#64
Tetrachloroethene
Concen: 5.292 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



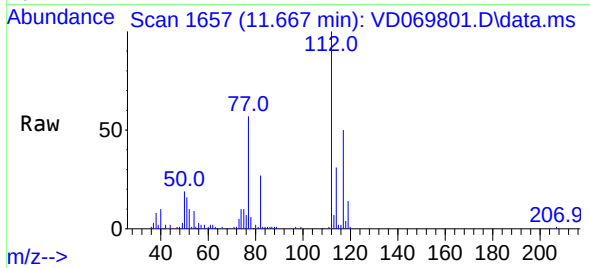
Tgt Ion:164 Resp: 33467
Ion Ratio Lower Upper
164 100
166 127.4 101.8 152.8
129 97.5 78.8 118.2
131 87.8 79.4 119.0





#65
Chlorobenzene
Concen: 5.143 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

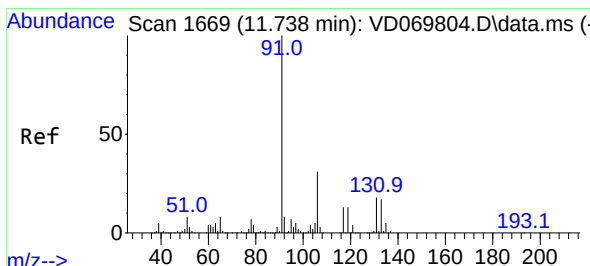
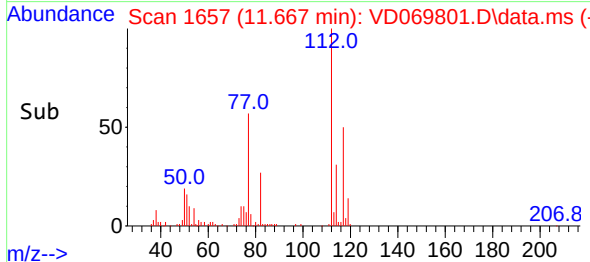
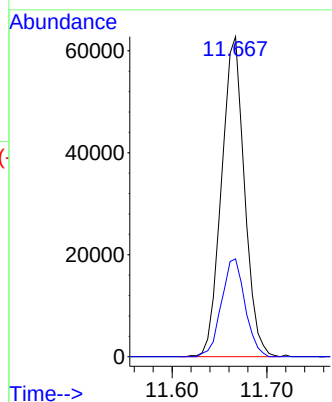
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



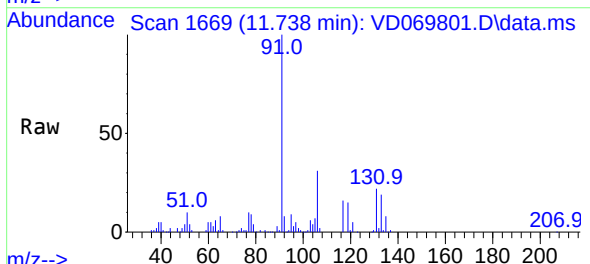
Tgt Ion:112 Resp: 105695
Ion Ratio Lower Upper
112 100
114 30.6 26.5 39.7

Manual Integrations
APPROVED

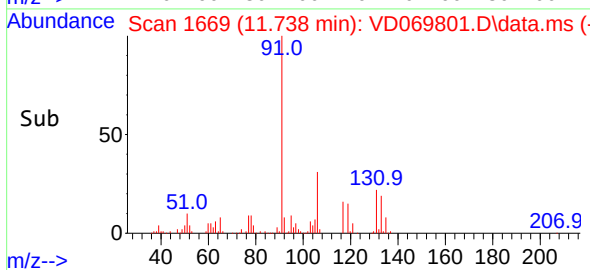
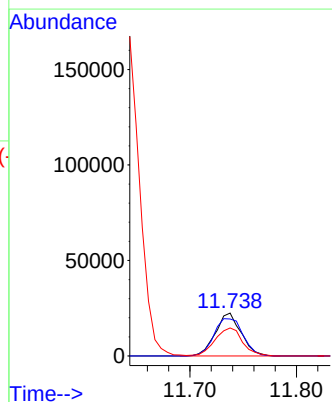
MMDadoda
7/23/2021 5:15:14 PM

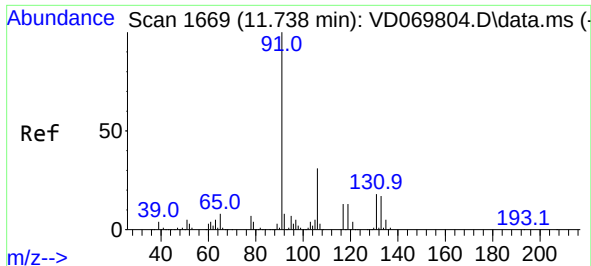


#66
1,1,1,2-Tetrachloroethane
Concen: 5.073 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



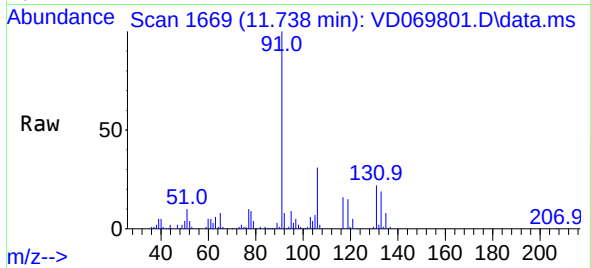
Tgt Ion:131 Resp: 37510
Ion Ratio Lower Upper
131 100
133 98.9 46.4 139.1
119 70.1 34.2 102.5





#67
Ethyl Benzene
Concen: 4.477 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

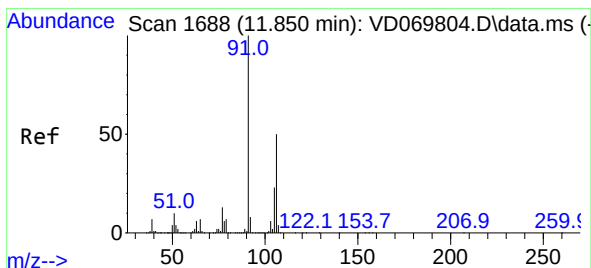
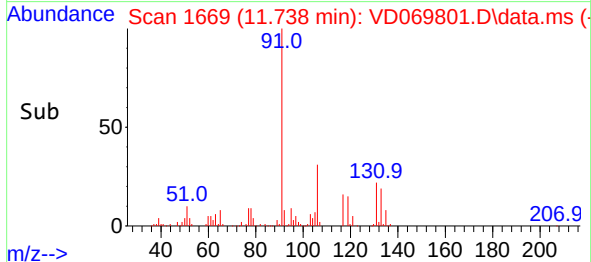
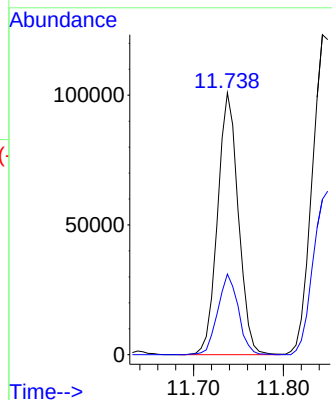
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



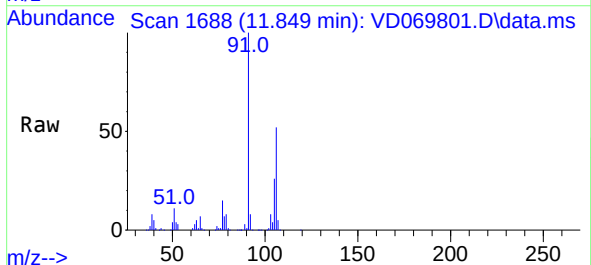
Tgt Ion: 91 Resp: 161991
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

Manual Integrations
APPROVED

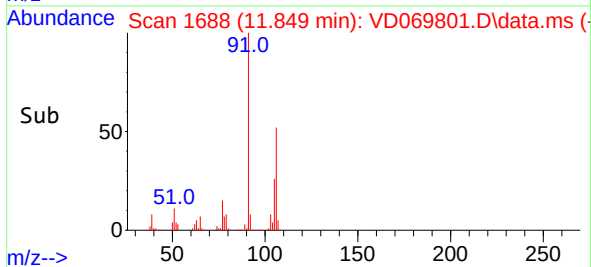
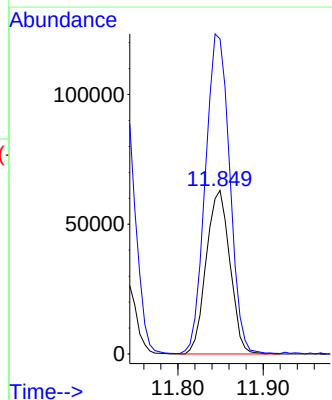
MMDadoda
7/23/2021 5:15:14 PM

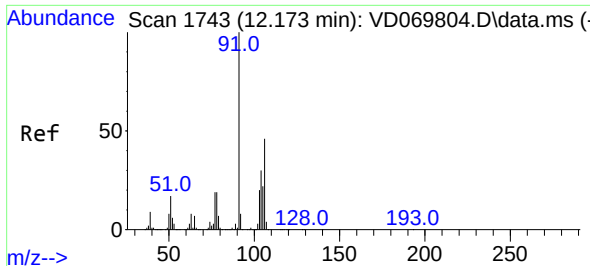


#68
m/p-Xylenes
Concen: 8.692 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



Tgt Ion: 106 Resp: 121926
Ion Ratio Lower Upper
106 100
91 200.6 162.4 243.6





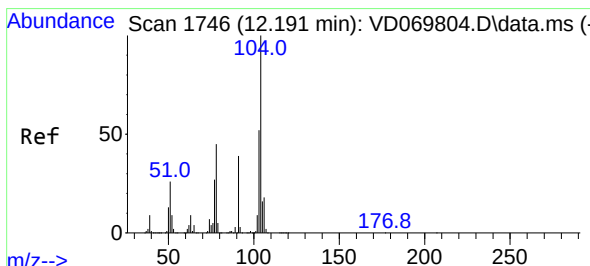
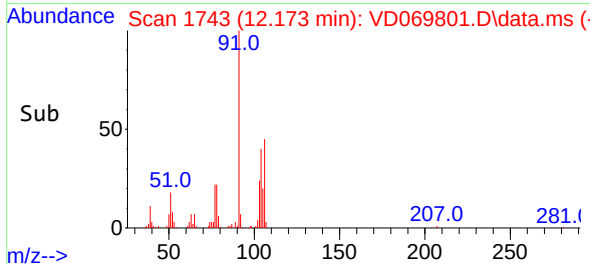
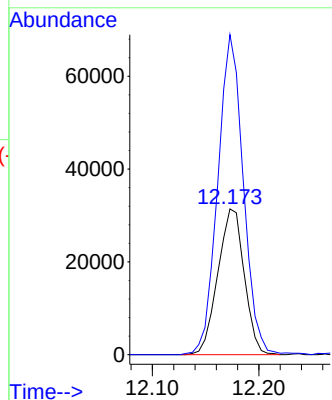
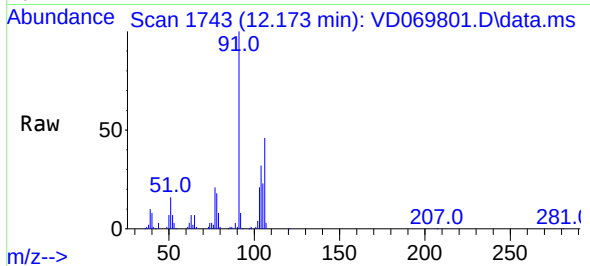
#69
o-Xylene
Concen: 4.239 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:106 Resp: 54057
Ion Ratio Lower Upper
106 100
91 212.7 107.6 322.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

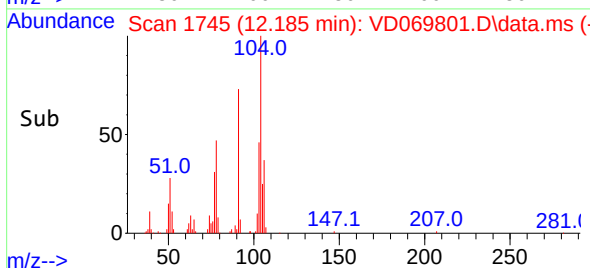
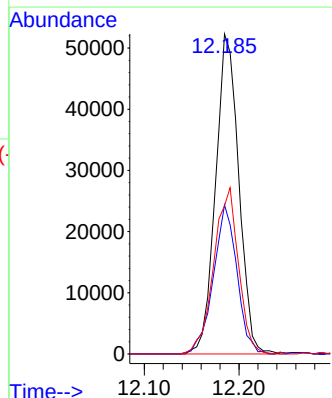
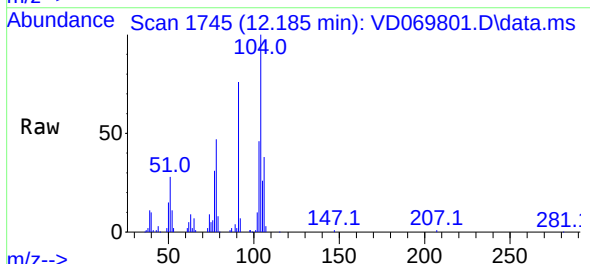
Manual Integrations
APPROVED

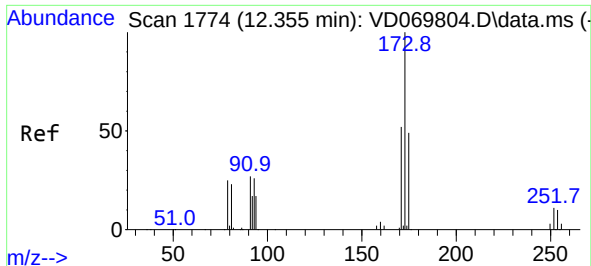
MMDadoda
7/23/2021 5:15:14 PM



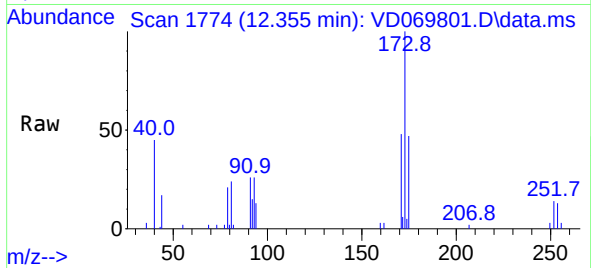
#70
Styrene
Concen: 4.025 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:104 Resp: 88955
Ion Ratio Lower Upper
104 100
78 47.4 39.7 59.5
103 55.2 44.0 66.0

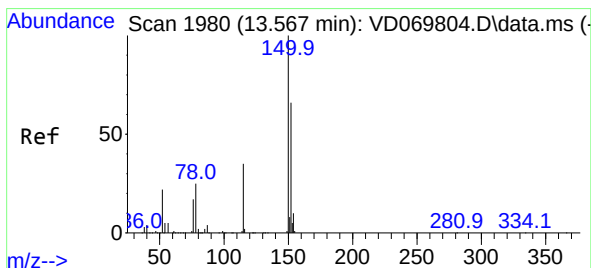
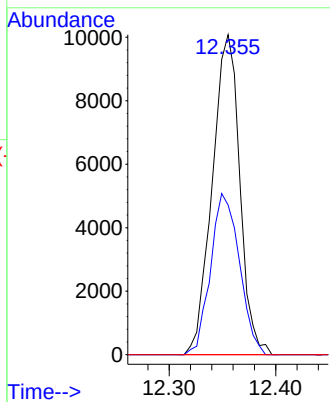
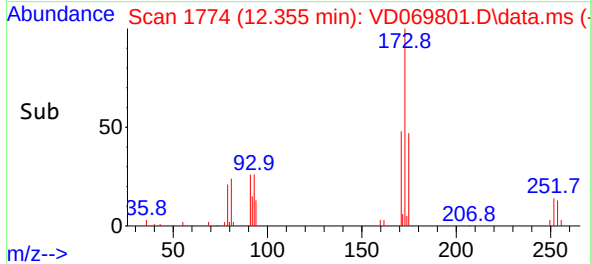




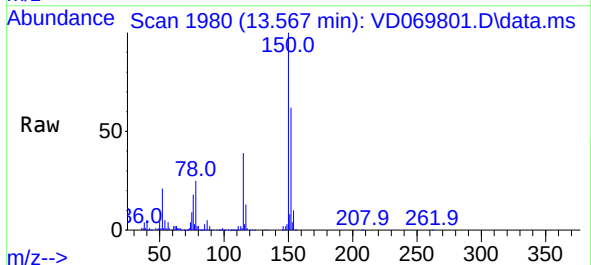
#71
Bromoform
Concen: 5.030 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



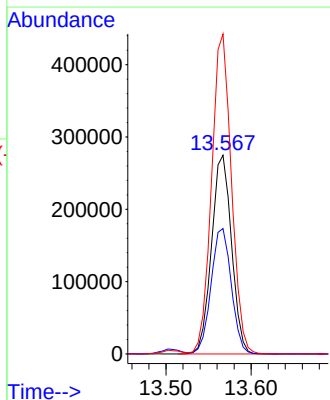
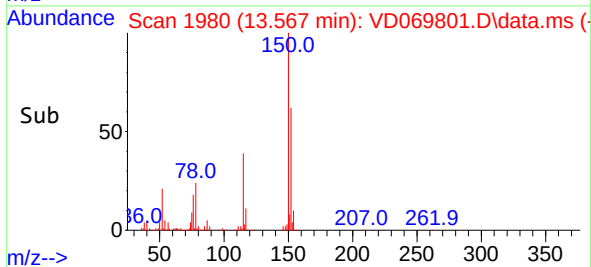
Tgt Ion:173 Resp: 18060
Ion Ratio Lower Upper
173 100
175 52.9 24.1 72.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



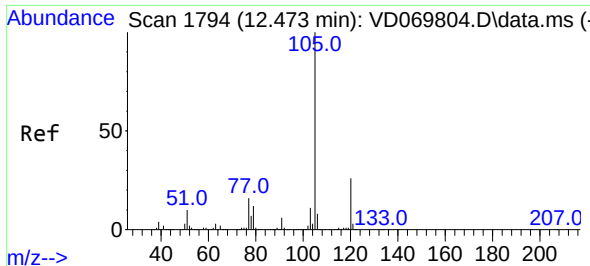
Tgt Ion:152 Resp: 448214
Ion Ratio Lower Upper
152 100
115 63.9 31.1 93.3
150 159.6 0.0 343.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

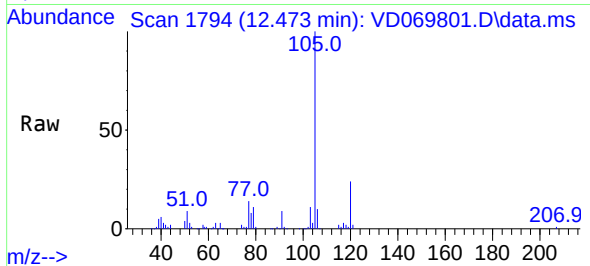
Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:15:14 PM



#73
Isopropylbenzene
Concen: 4.336 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

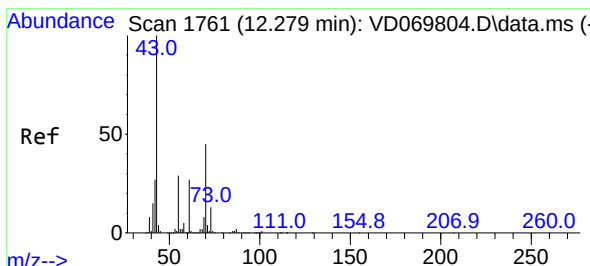
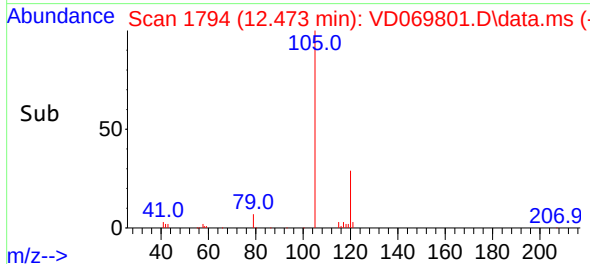
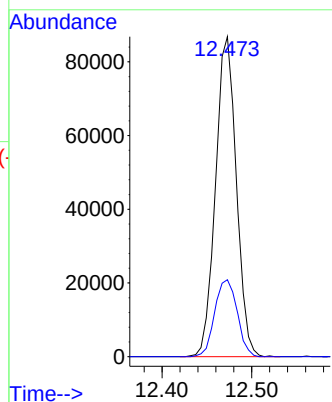
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



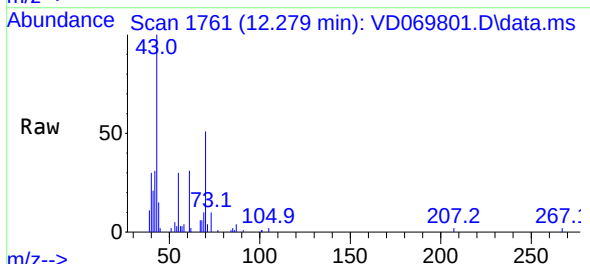
Tgt Ion:105 Resp: 139642
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

Manual Integrations
APPROVED

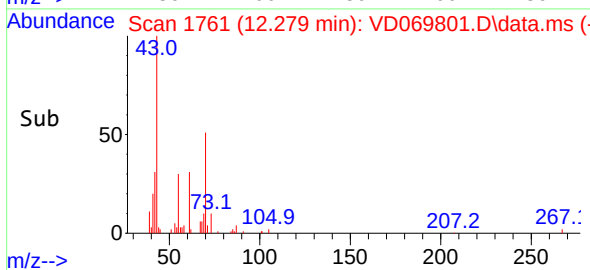
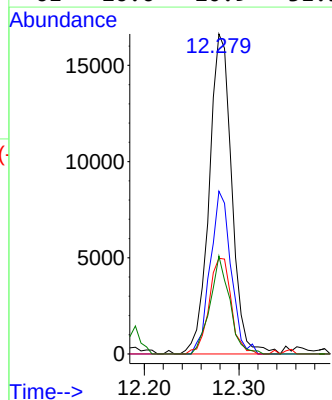
MMDadoda
7/23/2021 5:15:14 PM

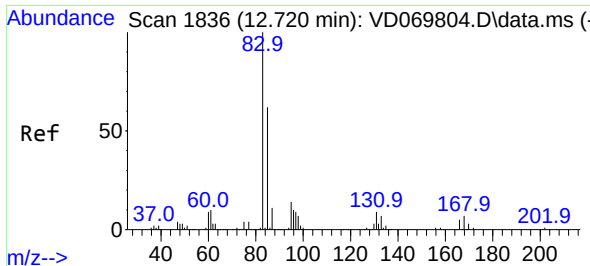


#74
N-ethyl acetate
Concen: 4.152 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



Tgt Ion: 43 Resp: 27507
Ion Ratio Lower Upper
43 100
70 47.0 37.9 56.9
55 29.3 23.7 35.5
61 26.6 20.9 31.3





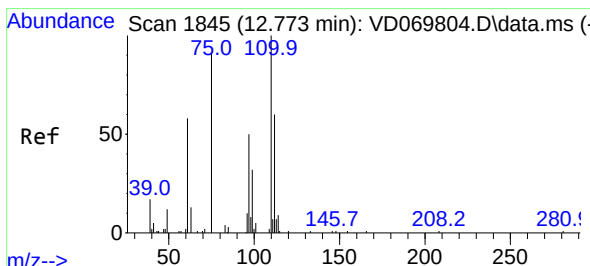
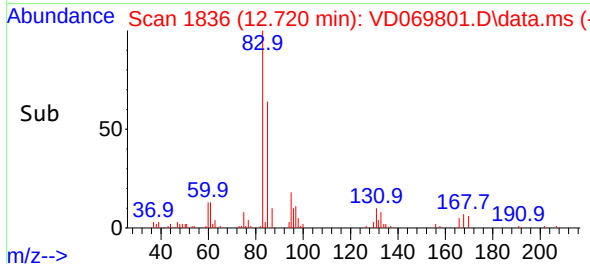
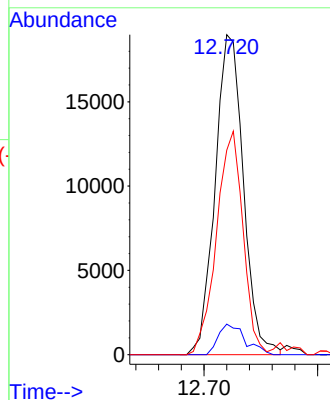
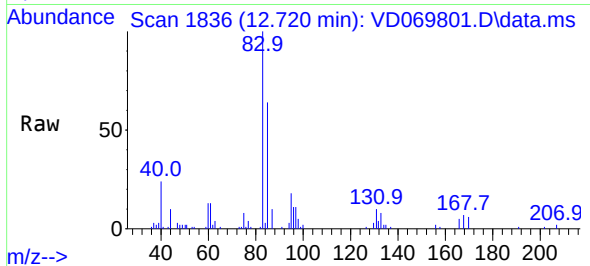
#75
1,1,2,2-Tetrachloroethane
Concen: 5.109 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion: 83 Resp: 32856
Ion Ratio Lower Upper
83 100
131 9.1 4.9 14.6
85 65.3 31.8 95.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

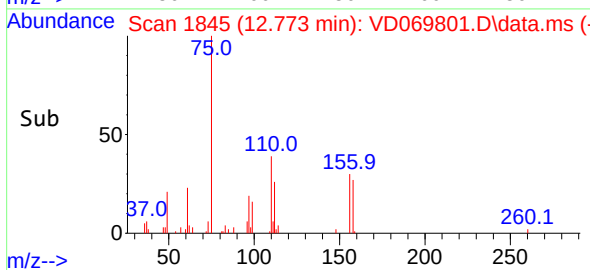
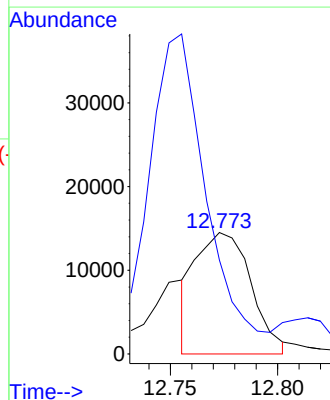
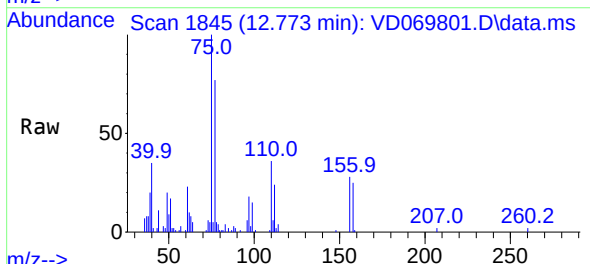
Manual Integrations
APPROVED

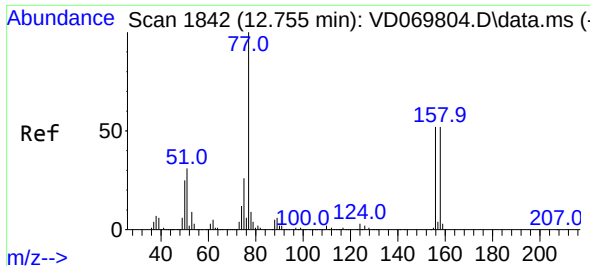
MMDadoda
7/23/2021 5:15:14 PM



#76
1,2,3-Trichloropropane
Concen: 7.427 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

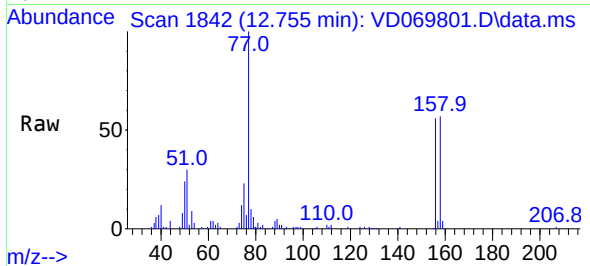
Tgt Ion: 75 Resp: 25989
Ion Ratio Lower Upper
75 100
77 279.3 181.5 544.5





#77
Bromobenzene
Concen: 4.939 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

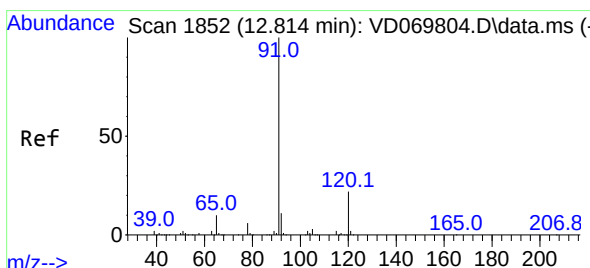
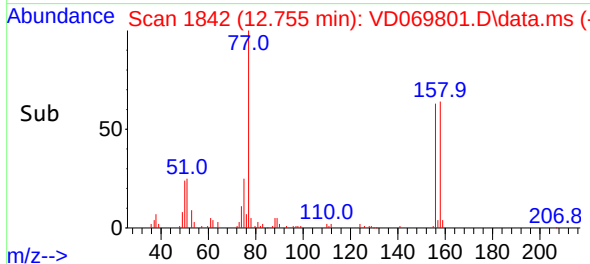
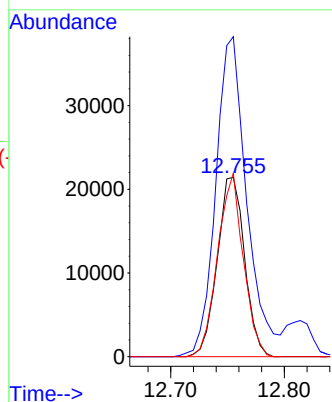
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:156 Resp: 35826
Ion Ratio Lower Upper
156 100
77 202.6 107.1 321.3
158 96.2 48.1 144.3

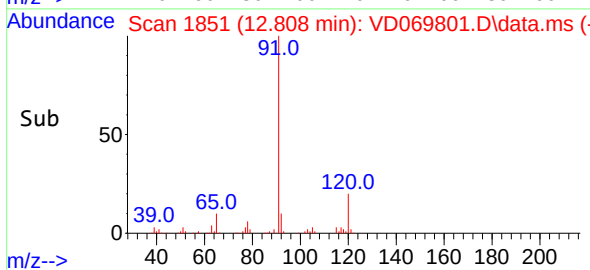
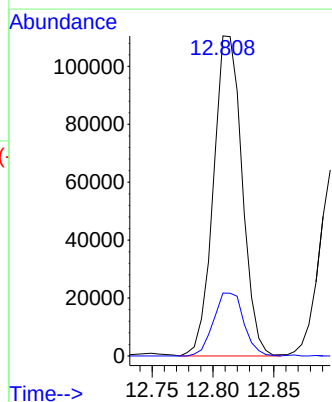
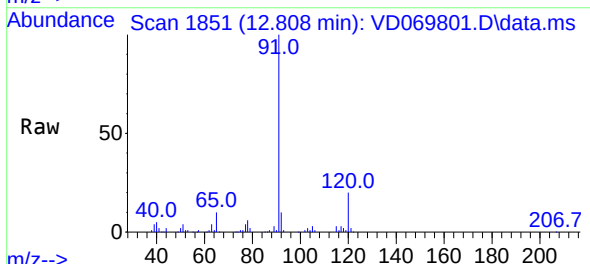
Manual Integrations
APPROVED

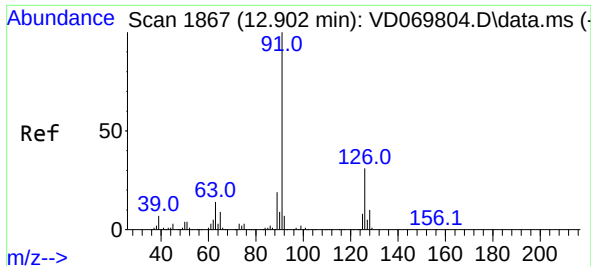
MMDadoda
7/23/2021 5:15:14 PM



#78
n-propylbenzene
Concen: 4.375 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

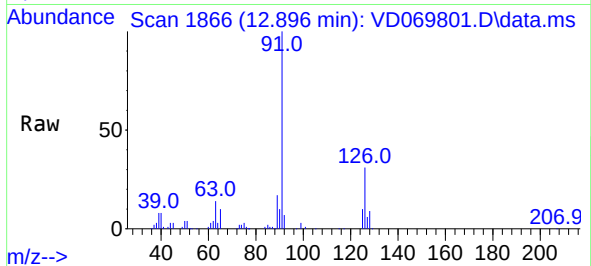
Tgt Ion: 91 Resp: 180981
Ion Ratio Lower Upper
91 100
120 20.8 10.9 32.7





#79
2-Chlorotoluene
Concen: 4.480 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

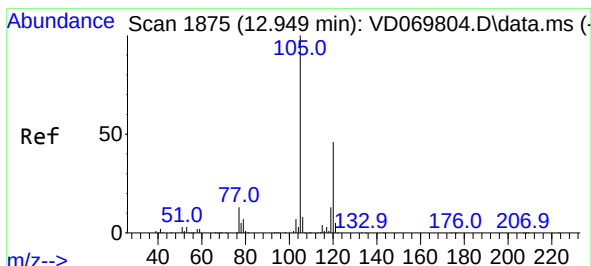
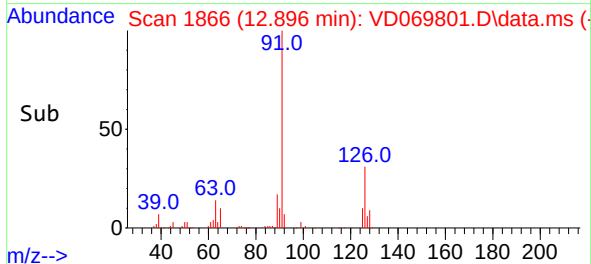
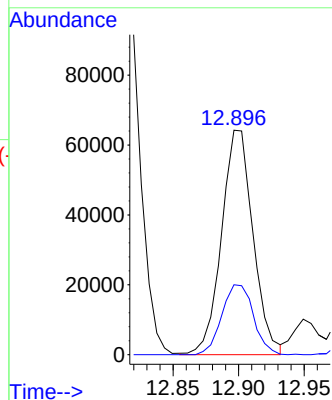
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 107636
Ion Ratio Lower Upper
91 100
126 31.1 15.9 47.7

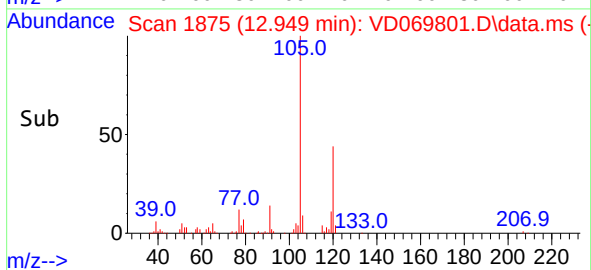
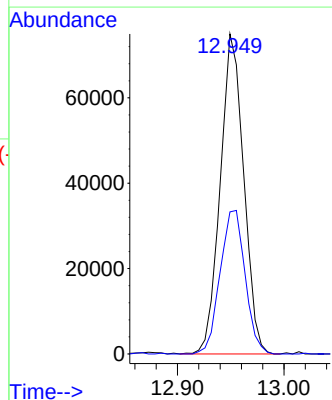
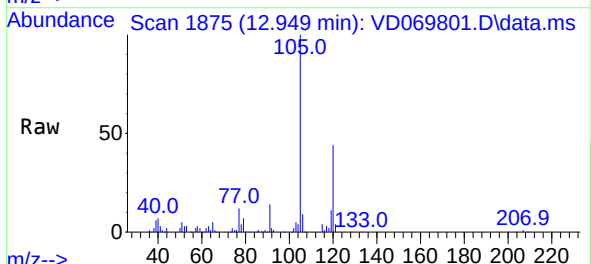
Manual Integrations
APPROVED

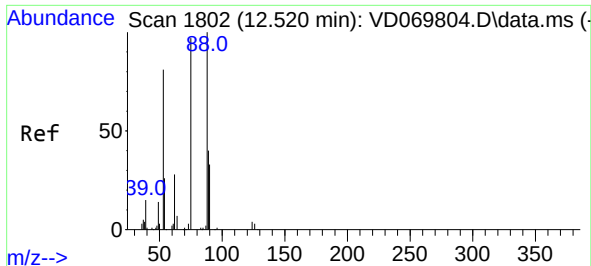
MMDadoda
7/23/2021 5:15:14 PM



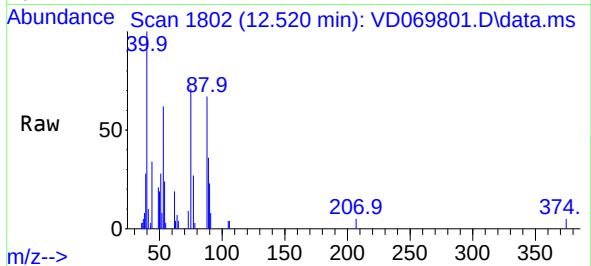
#80
1,3,5-Trimethylbenzene
Concen: 4.157 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:105 Resp: 114535
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.2

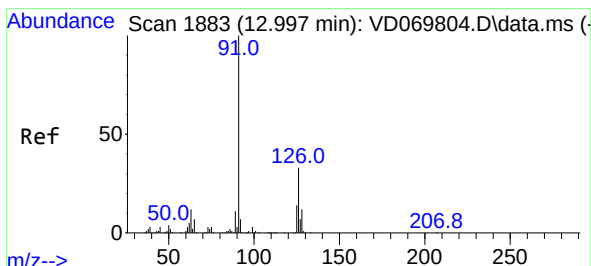
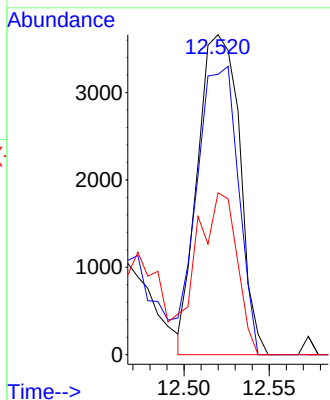
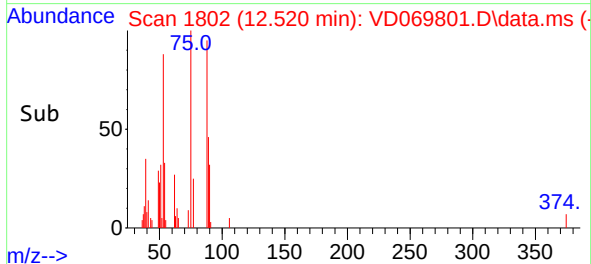




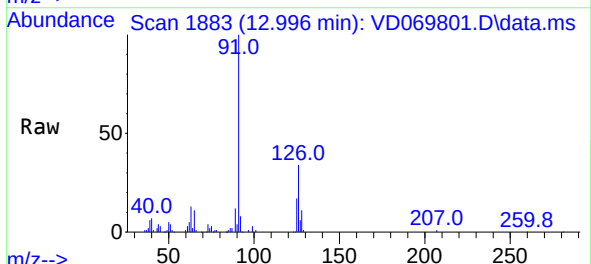
#81
trans-1,4-Dichloro-2-butene
Concen: 3.974 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



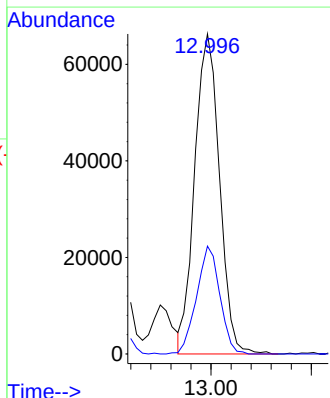
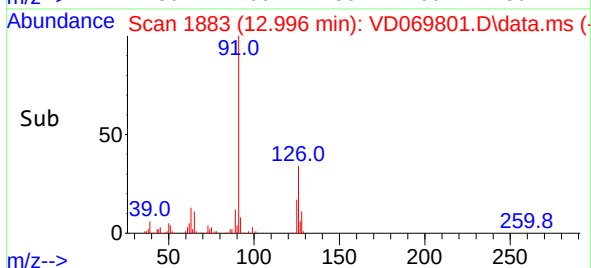
Tgt Ion: 75 Resp: 6241
Ion Ratio Lower Upper
75 100
53 90.5 67.2 100.8
89 50.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 4.536 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



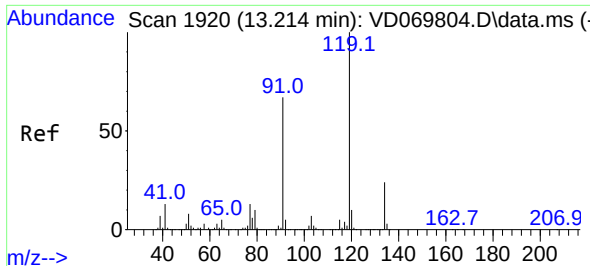
Tgt Ion: 91 Resp: 113930
Ion Ratio Lower Upper
91 100
126 31.6 15.9 47.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

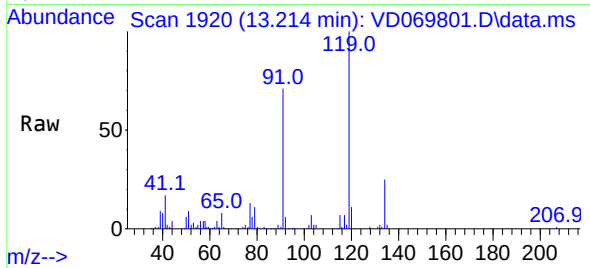
Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:15:14 PM



#83
tert-Butylbenzene
Concen: 4.326 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

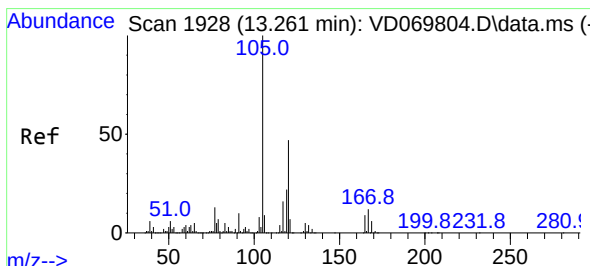
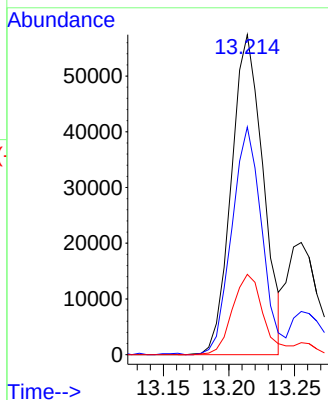
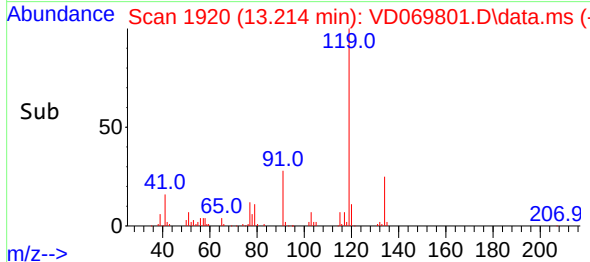
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



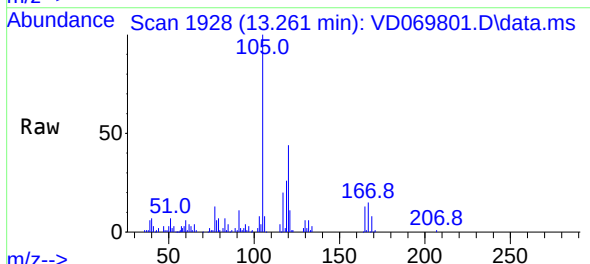
Tgt Ion:119 Resp: 96888
Ion Ratio Lower Upper
119 100
91 67.6 33.7 101.1
134 24.7 13.3 39.8

Manual Integrations
APPROVED

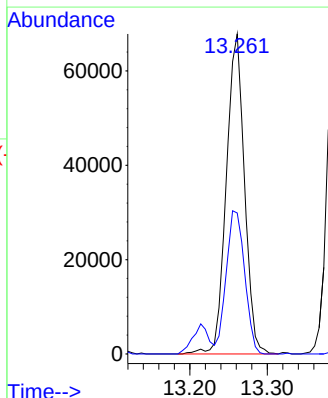
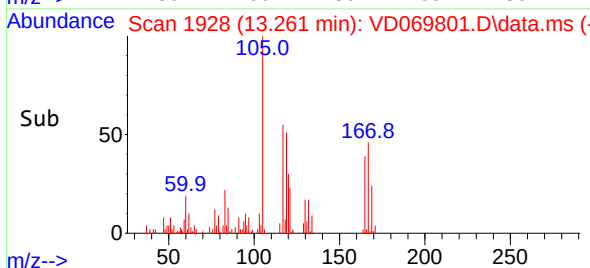
MMDadoda
7/23/2021 5:15:14 PM

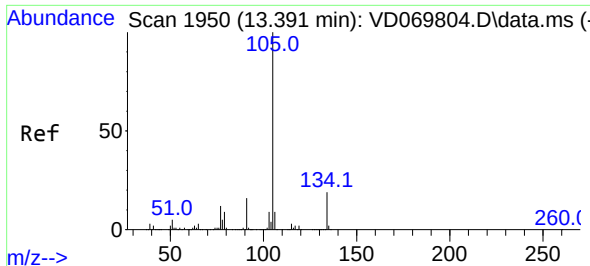


#84
1,2,4-Trimethylbenzene
Concen: 4.074 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



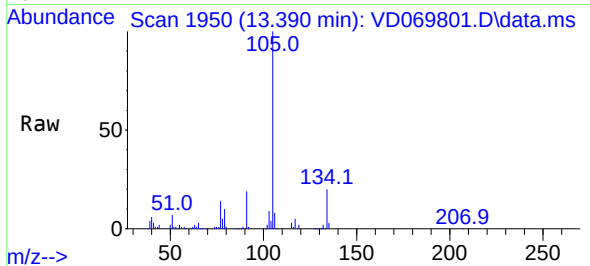
Tgt Ion:105 Resp: 110718
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.8





#85
sec-Butylbenzene
Concen: 4.283 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

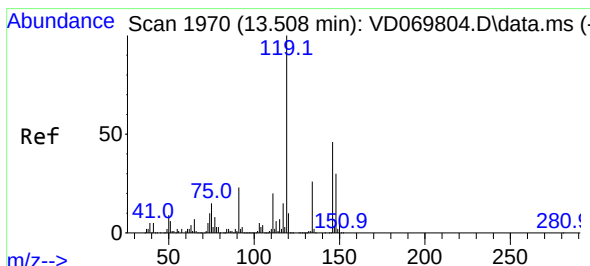
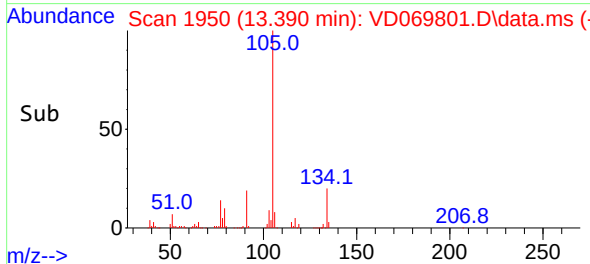
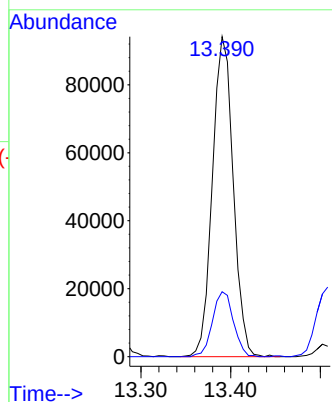
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



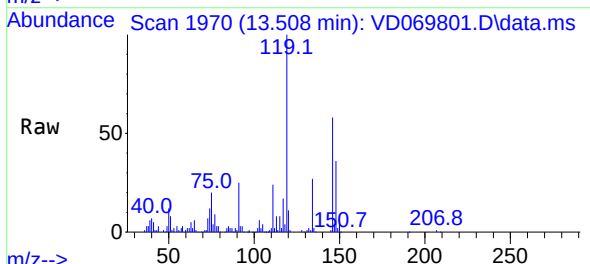
Tgt Ion:105 Resp: 151646
Ion Ratio Lower Upper
105 100
134 20.4 9.6 28.6

Manual Integrations
APPROVED

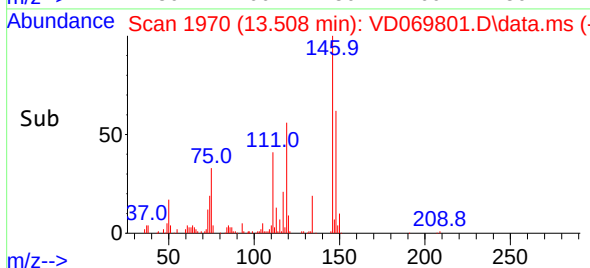
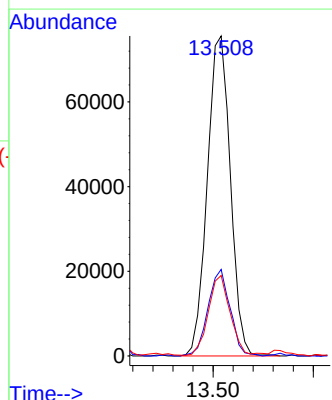
MMDadoda
7/23/2021 5:15:14 PM

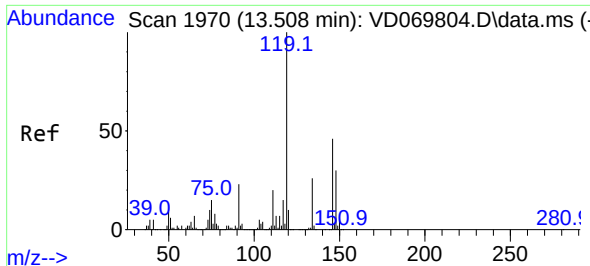


#86
p-Isopropyltoluene
Concen: 4.203 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



Tgt Ion:119 Resp: 120921
Ion Ratio Lower Upper
119 100
134 25.8 12.6 37.8
91 23.8 11.7 35.1





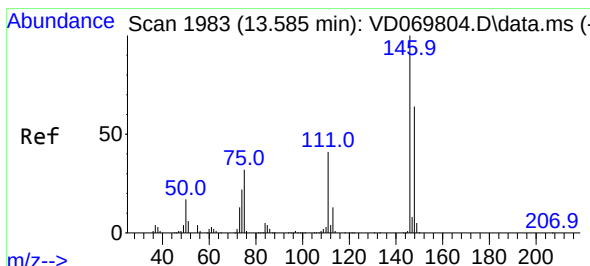
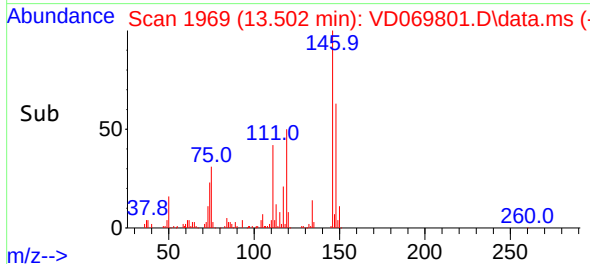
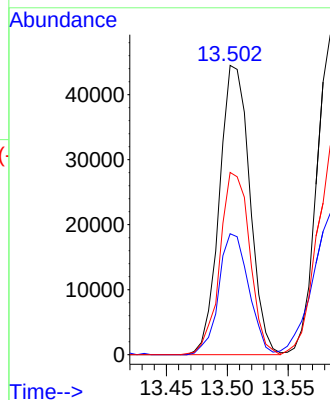
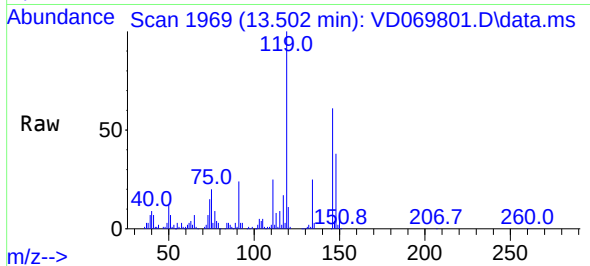
#87
1,3-Dichlorobenzene
Concen: 5.068 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:146 Resp: 77181
Ion Ratio Lower Upper
146 100
111 41.3 21.7 65.1
148 62.0 32.1 96.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

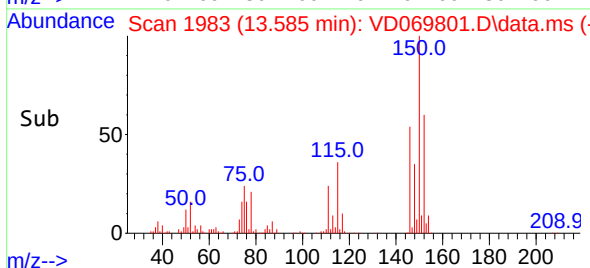
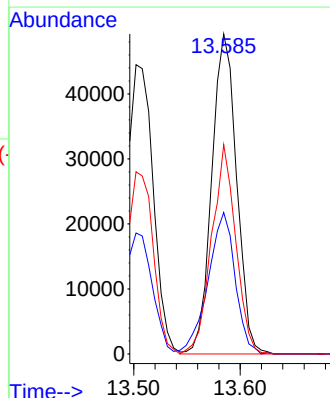
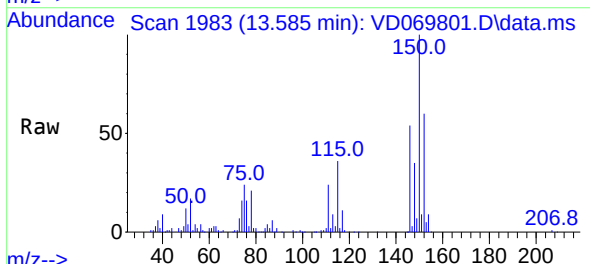
Manual Integrations
APPROVED

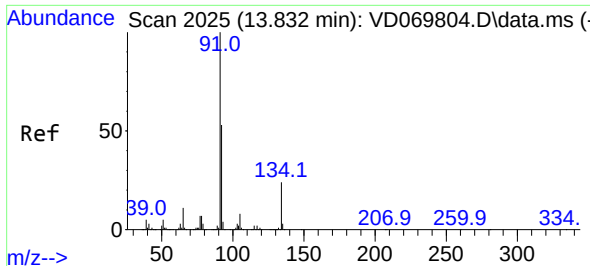
MMDadoda
7/23/2021 5:15:14 PM



#88
1,4-Dichlorobenzene
Concen: 5.247 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

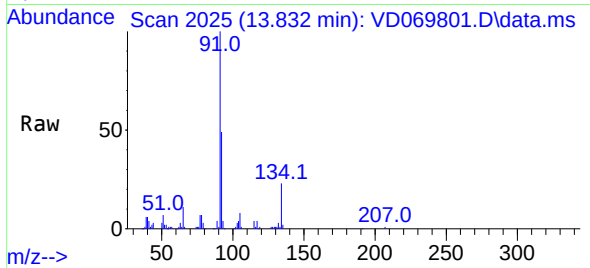
Tgt Ion:146 Resp: 79636
Ion Ratio Lower Upper
146 100
111 48.4 20.8 62.4
148 63.5 31.6 95.0





#89
n-Butylbenzene
Concen: 4.438 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

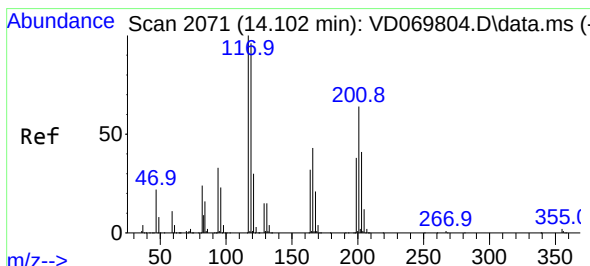
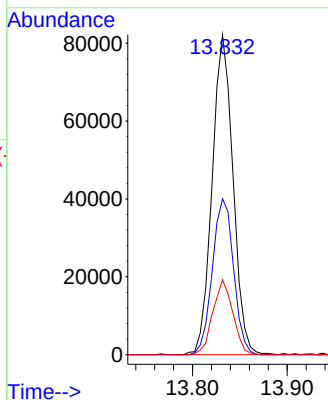
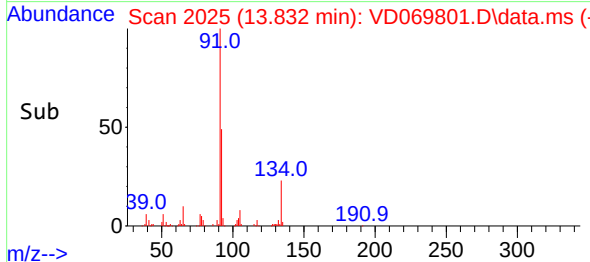
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



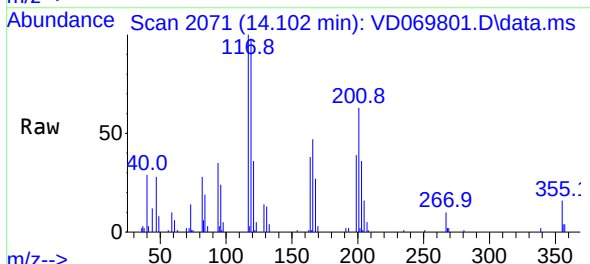
Tgt Ion: 91 Resp: 126000
Ion Ratio Lower Upper
91 100
92 49.5 26.6 79.7
134 22.4 11.9 35.7

Manual Integrations
APPROVED

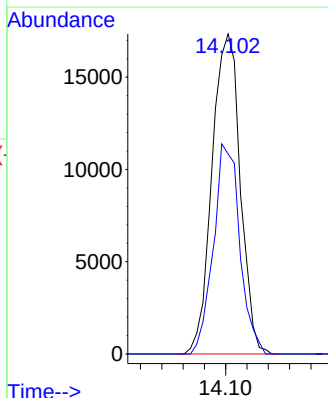
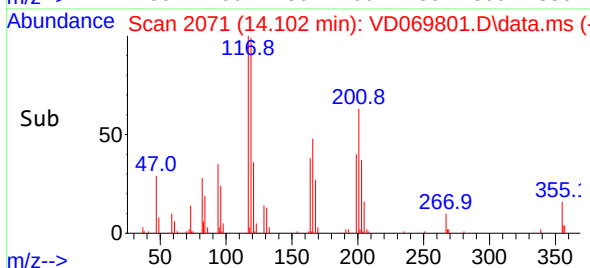
MMDadoda
7/23/2021 5:15:14 PM

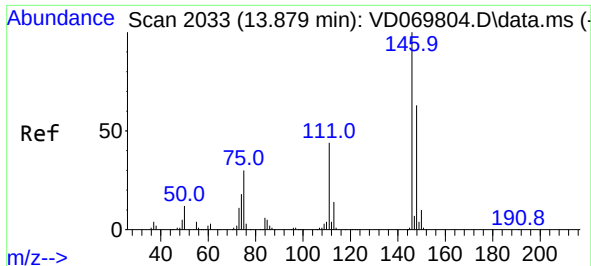


#90
Hexachloroethane
Concen: 5.230 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

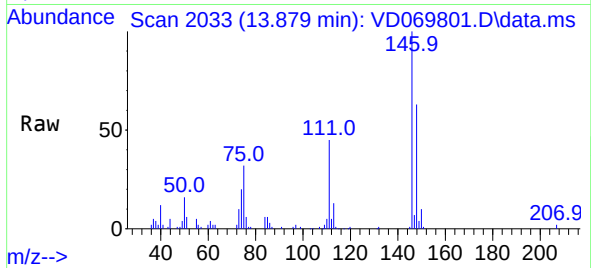


Tgt Ion: 117 Resp: 31870
Ion Ratio Lower Upper
117 100
201 61.1 31.9 95.5

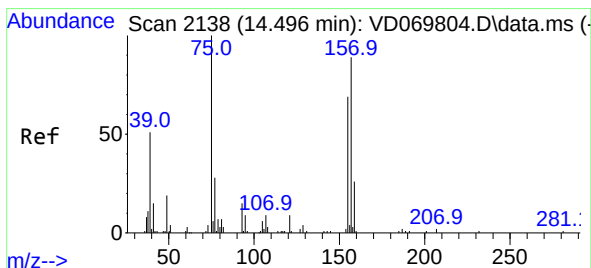
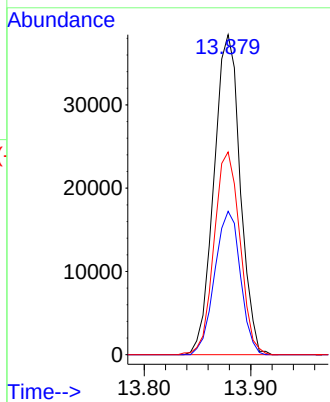
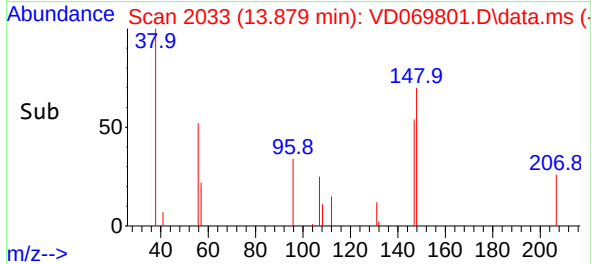




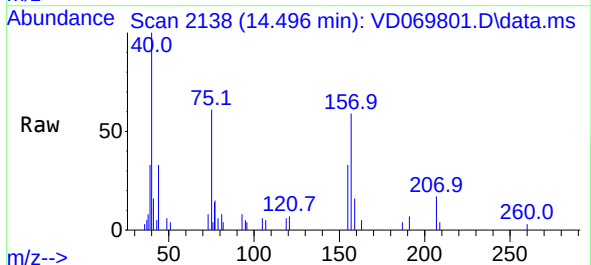
#91
1,2-Dichlorobenzene
Concen: 5.003 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



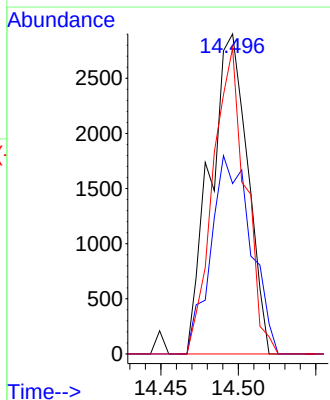
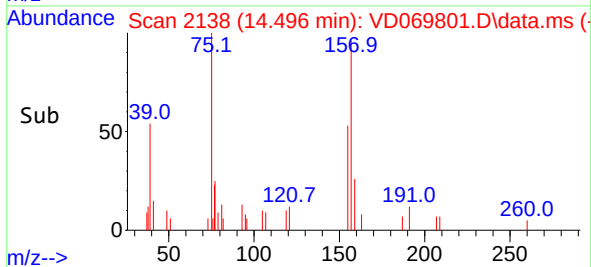
Tgt Ion:146 Resp: 65757
Ion Ratio Lower Upper
146 100
111 43.9 21.7 65.1
148 62.3 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.269 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



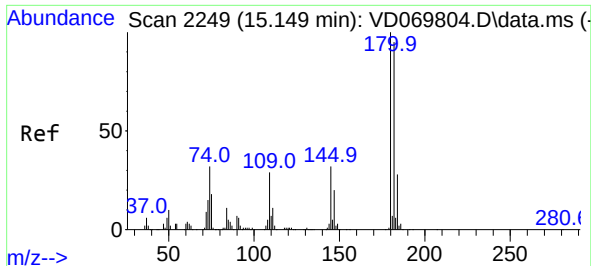
Tgt Ion: 75 Resp: 4880
Ion Ratio Lower Upper
75 100
155 66.2 36.3 108.9
157 83.3 47.0 141.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

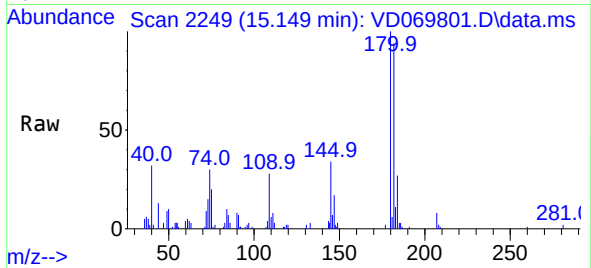
Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:15:14 PM



#93
1,2,4-Trichlorobenzene
Concen: 4.414 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

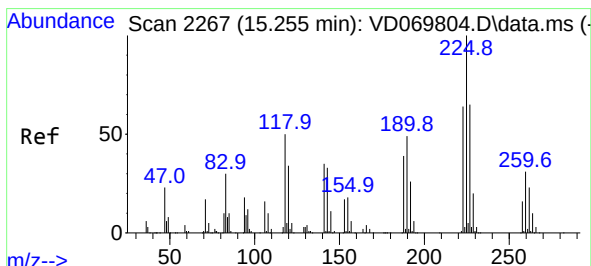
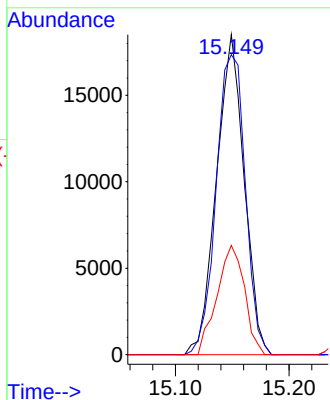
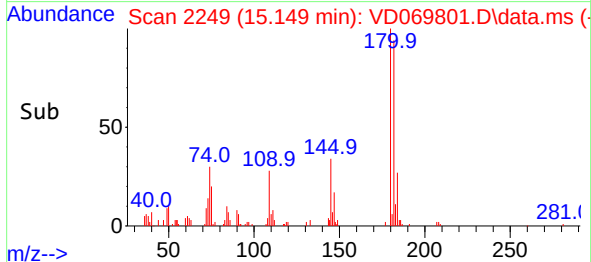
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



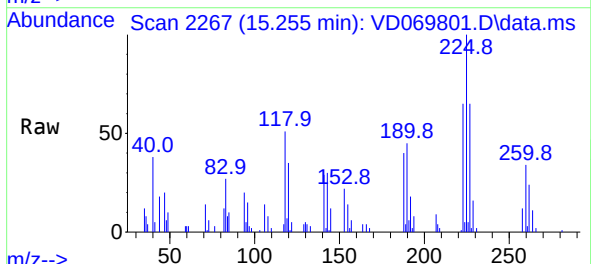
Tgt Ion:180 Resp: 31299
Ion Ratio Lower Upper
180 100
182 99.0 47.6 142.9
145 33.9 16.4 49.2

Manual Integrations
APPROVED

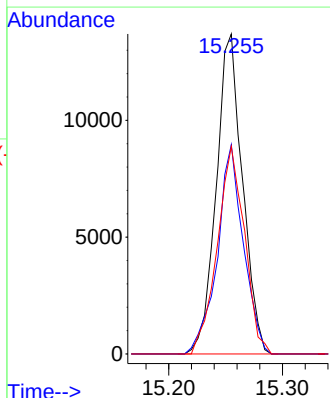
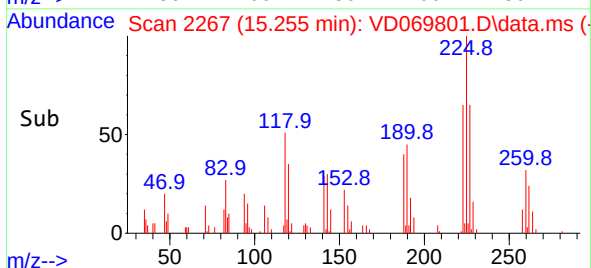
MMDadoda
7/23/2021 5:15:14 PM

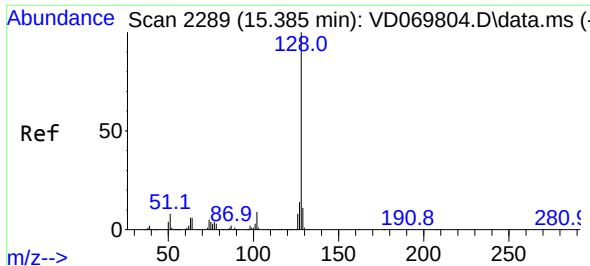


#94
Hexachlorobutadiene
Concen: 5.072 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13



Tgt Ion:225 Resp: 22000
Ion Ratio Lower Upper
225 100
223 64.9 31.5 94.5
227 67.5 31.9 95.7





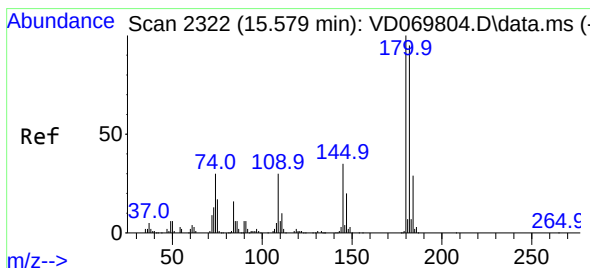
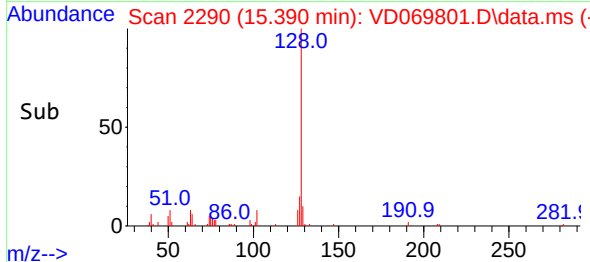
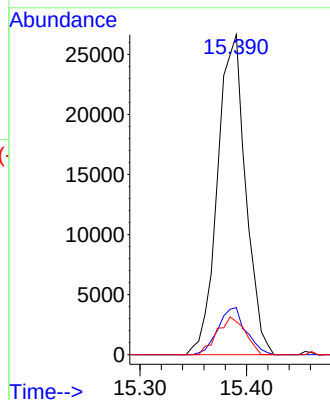
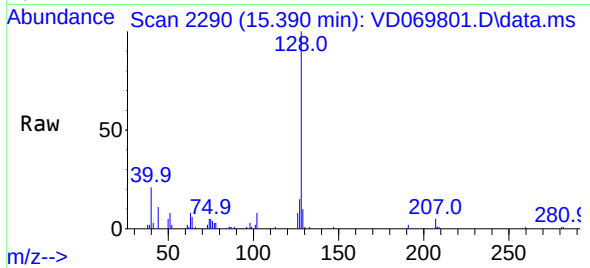
#95
Naphthalene
Concen: 3.853 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:	128	Resp:	48772
Ion Ratio	Lower	Upper	
128	100		
127	14.6	10.6	16.0
129	11.7	8.6	12.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:15:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.442 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD069801.D
Acq: 22 Jul 2021 10:13

Tgt Ion:	180	Resp:	27240
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.3	142.0
145	34.2	17.3	51.9

