

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069140.D
 Acq On : 12 May 2021 17:04
 Operator : VA/SY
 Sample : VD0512SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:05:59 PM

Quant Time: May 13 04:18:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	306075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	508956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	482952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	228632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	147377	48.03	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.06%		
35) Dibromofluoromethane	7.914	113	162916	49.19	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.38%		
50) Toluene-d8	10.337	98	587078	48.24	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.48%		
62) 4-Bromofluorobenzene	12.626	95	198946	50.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	63634	19.55	ug/l	98
3) Chloromethane	2.208	50	74362	19.88	ug/l	96
4) Vinyl Chloride	2.350	62	93881	19.04	ug/l	99
5) Bromomethane	2.761	94	75359	20.32	ug/l	97
6) Chloroethane	2.914	64	53112	16.75	ug/l	99
7) Trichlorofluoromethane	3.273	101	134923	22.43	ug/l	100
8) Diethyl Ether	3.708	74	28269	20.59	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	69456	20.38	ug/l	96
10) Methyl Iodide	4.297	142	55995	16.42	ug/l	97
11) Tert butyl alcohol	5.214	59	25330	142.36	ug/l #	82
12) 1,1-Dichloroethene	4.073	96	60909	19.89	ug/l	99
13) Acrolein	3.926	56	22306	89.35	ug/l	100
14) Allyl chloride	4.708	41	67931	20.22	ug/l	95
15) Acrylonitrile	5.426	53	50094	97.76	ug/l	100
16) Acetone	4.161	43	40012	85.14	ug/l	98
17) Carbon Disulfide	4.408	76	197348	19.44	ug/l	99
18) Methyl Acetate	4.726	43	22021	19.29	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	109641	19.73	ug/l	98
20) Methylene Chloride	4.961	84	99012	20.55	ug/l	97
21) trans-1,2-Dichloroethene	5.479	96	71833	19.79	ug/l	98
22) Diisopropyl ether	6.361	45	137923	20.56	ug/l	98
23) Vinyl Acetate	6.308	43	388819	98.20	ug/l	100
24) 1,1-Dichloroethane	6.261	63	116404	20.08	ug/l	98
25) 2-Butanone	7.214	43	58304	91.56	ug/l	98
26) 2,2-Dichloropropane	7.208	77	104282	19.24	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	79580	20.19	ug/l	96
28) Bromochloromethane	7.543	49	42457	20.55	ug/l	99
29) Tetrahydrofuran	7.567	42	32917	95.09	ug/l	96
30) Chloroform	7.714	83	130072	19.93	ug/l	90
31) Cyclohexane	7.985	56	89103	19.59	ug/l	88
32) 1,1,1-Trichloroethane	7.902	97	117741	19.89	ug/l	99
36) 1,1-Dichloropropene	8.114	75	96513	19.51	ug/l	98
37) Ethyl Acetate	7.291	43	30607	19.25	ug/l	99
38) Carbon Tetrachloride	8.096	117	104520	18.90	ug/l	97
39) Methylcyclohexane	9.355	83	95269	18.25	ug/l	92
40) Benzene	8.349	78	279283	19.70	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069140.D
 Acq On : 12 May 2021 17:04
 Operator : VA/SY
 Sample : VD0512SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:05:59 PM

Quant Time: May 13 04:18:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	18975	22.42	ug/l #	64
42) 1,2-Dichloroethane	8.426	62	75237	19.44	ug/l	100
43) Isopropyl Acetate	8.449	43	54356	18.83	ug/l	99
44) Trichloroethene	9.114	130	75660	19.10	ug/l	97
45) 1,2-Dichloropropane	9.390	63	65213	19.49	ug/l	92
46) Dibromomethane	9.473	93	39059	19.53	ug/l	98
47) Bromodichloromethane	9.661	83	103018	20.24	ug/l	94
48) Methyl methacrylate	9.461	41	24024	18.00	ug/l	87
49) 1,4-Dioxane	9.461	88	7480	373.06	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	140462	94.57	ug/l	97
52) Toluene	10.402	92	180179	19.70	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	87515	19.57	ug/l	98
54) cis-1,3-Dichloropropene	10.090	75	104240	19.50	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	51245	19.01	ug/l	98
56) Ethyl methacrylate	10.661	69	52167	18.59	ug/l	98
57) 1,3-Dichloropropane	10.943	76	84406	19.38	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.937	63	133266	99.87	ug/l	99
59) 2-Hexanone	10.984	43	89900	90.70	ug/l	99
60) Dibromochloromethane	11.137	129	68709	19.85	ug/l	98
61) 1,2-Dibromoethane	11.243	107	51092	19.18	ug/l	97
64) Tetrachloroethene	10.873	164	64219	19.13	ug/l	95
65) Chlorobenzene	11.667	112	194987	19.48	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.743	131	72597	19.23	ug/l	100
67) Ethyl Benzene	11.743	91	331761	19.26	ug/l	98
68) m/p-Xylenes	11.849	106	263047	38.97	ug/l	98
69) o-Xylene	12.179	106	117568	19.58	ug/l	99
70) Styrene	12.190	104	208785	19.92	ug/l	97
71) Bromoform	12.355	173	36260	18.47	ug/l #	93
73) Isopropylbenzene	12.479	105	333687	20.88	ug/l	100
74) N-amyl acetate	12.284	43	51109	19.56	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	57105	19.72	ug/l	98
76) 1,2,3-Trichloropropane	12.784	75	36162m	21.04	ug/l	
77) Bromobenzene	12.761	156	78183	20.62	ug/l	97
78) n-propylbenzene	12.820	91	389253	20.19	ug/l	99
79) 2-Chlorotoluene	12.902	91	216745	20.20	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	267934	20.34	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	16597	19.51	ug/l	99
82) 4-Chlorotoluene	13.002	91	230644	20.18	ug/l	97
83) tert-Butylbenzene	13.220	119	223122	20.32	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	269467	20.33	ug/l	99
85) sec-Butylbenzene	13.396	105	323207	19.58	ug/l	99
86) p-Isopropyltoluene	13.508	119	283449	19.54	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	152532	19.88	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	155329	20.43	ug/l	98
89) n-Butylbenzene	13.837	91	259341	19.19	ug/l	98
90) Hexachloroethane	14.102	117	53313	19.61	ug/l	99
91) 1,2-Dichlorobenzene	13.884	146	130106	19.74	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8158	18.15	ug/l	96
93) 1,2,4-Trichlorobenzene	15.155	180	76242	18.88	ug/l	96
94) Hexachlorobutadiene	15.261	225	44518	18.37	ug/l	98
95) Naphthalene	15.396	128	124290	17.98	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	64543	18.68	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
Data File : VD069140.D
Acq On : 12 May 2021 17:04
Operator : VA/SY
Sample : VD0512SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM

Quant Time: May 13 04:18:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

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

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

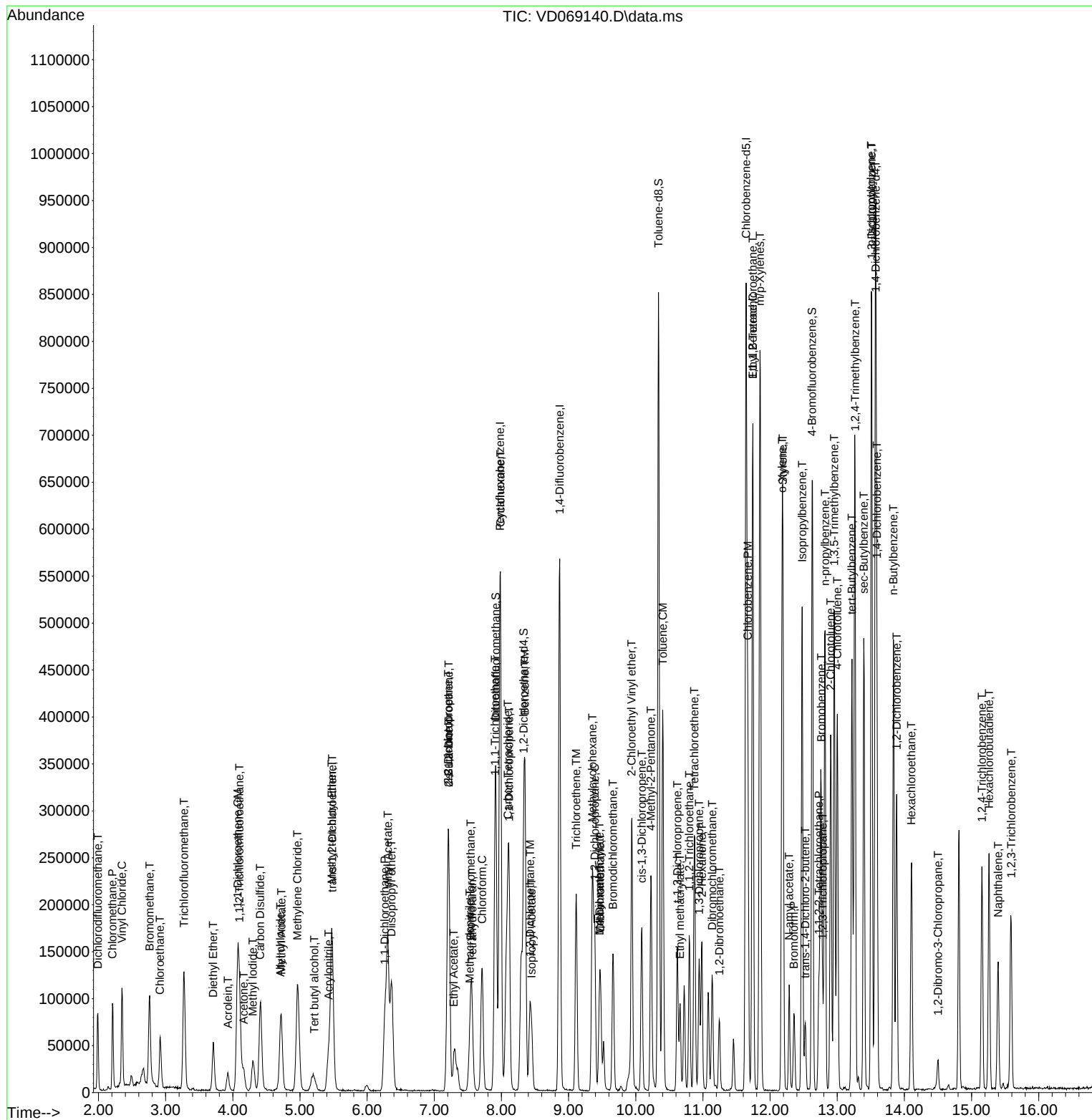
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069140.D
 Acq On : 12 May 2021 17:04
 Operator : VA/SY
 Sample : VD0512SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

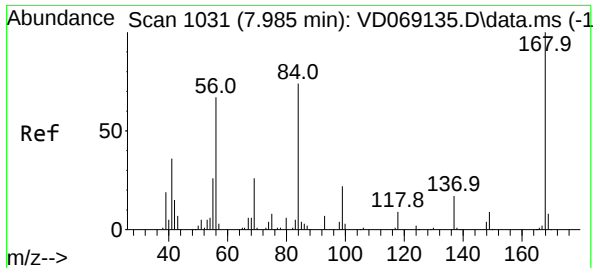
Instrument :
 MSVOA_D
 Client Sample ID :
 VD0512SBS01

Manual Integrations
 APPROVED

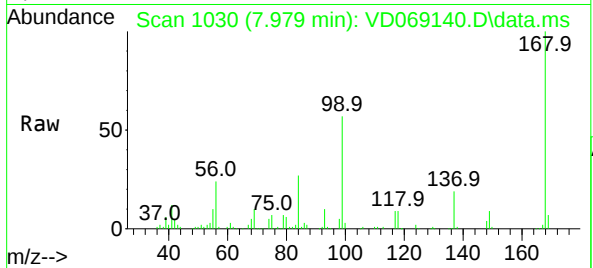
MMDadoda
 5/13/2021 4:05:59 PM

Quant Time: May 13 04:18:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

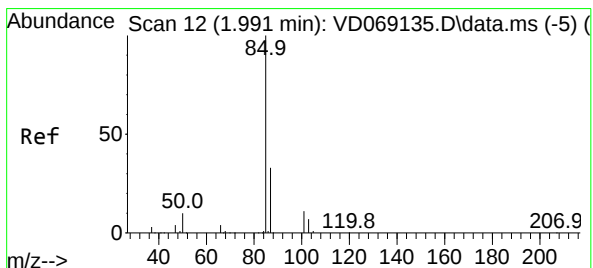
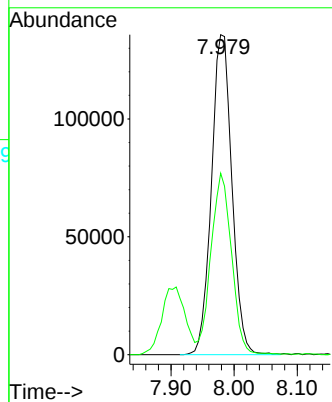
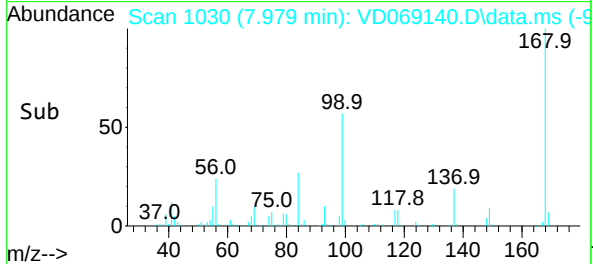




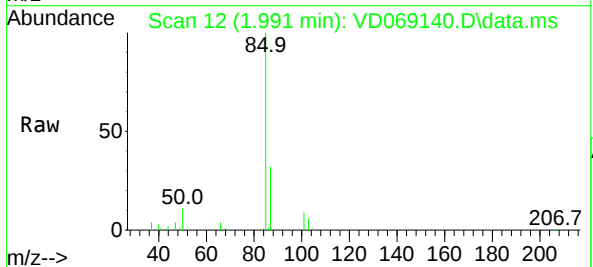
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



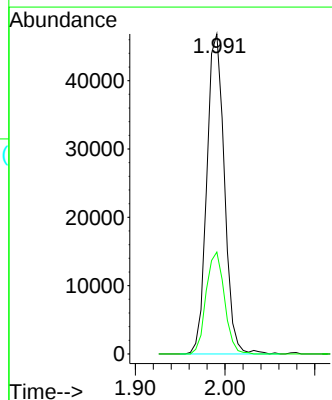
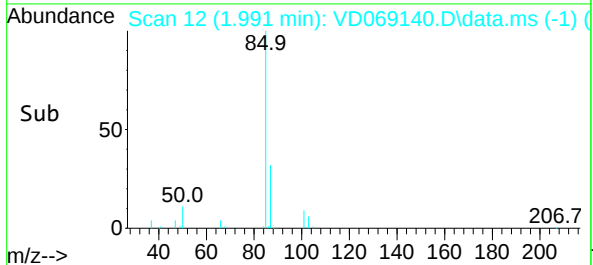
Tgt Ion: 168 Resp: 306075
Ion Ratio Lower Upper
168 100
99 56.5 47.2 70.8



#2
Dichlorodifluoromethane
Concen: 19.55 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



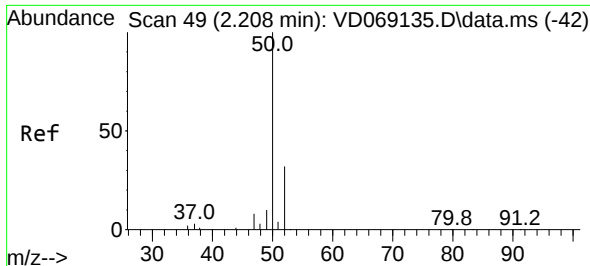
Tgt Ion: 85 Resp: 63634
Ion Ratio Lower Upper
85 100
87 31.8 16.5 49.5



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



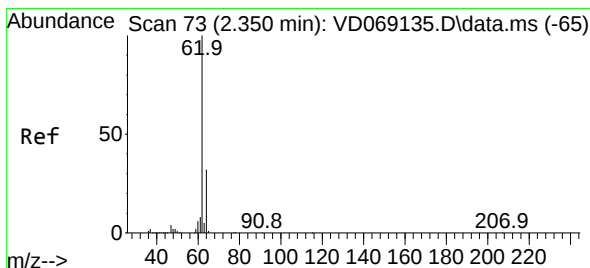
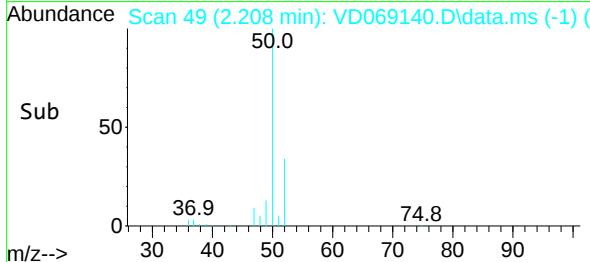
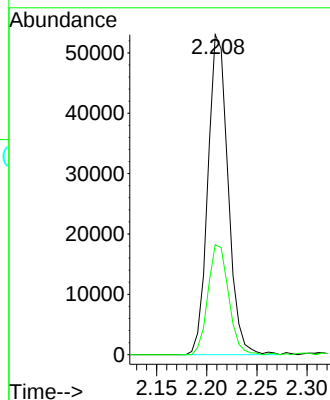
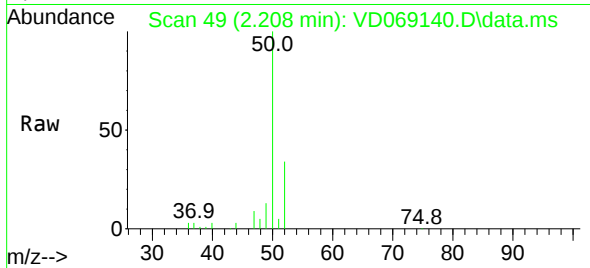
#3
Chloromethane
Concen: 19.88 ug/l
RT: 2.208 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 50 Resp: 74362
Ion Ratio Lower Upper
50 100
52 34.3 25.8 38.8

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

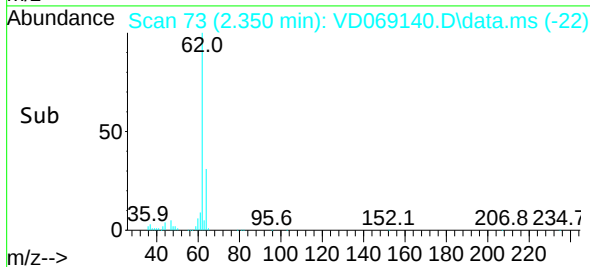
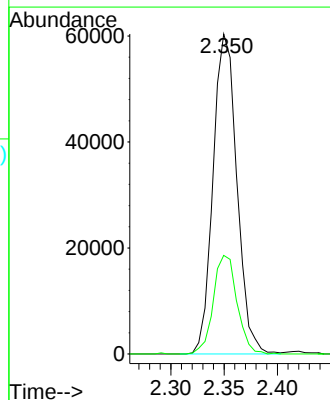
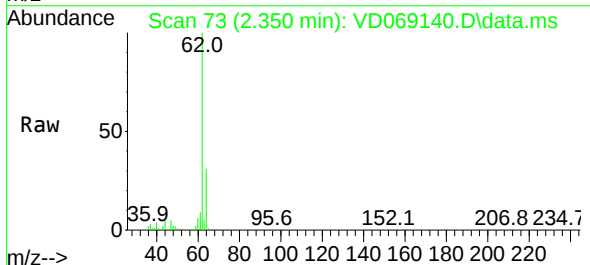
Manual Integrations
APPROVED

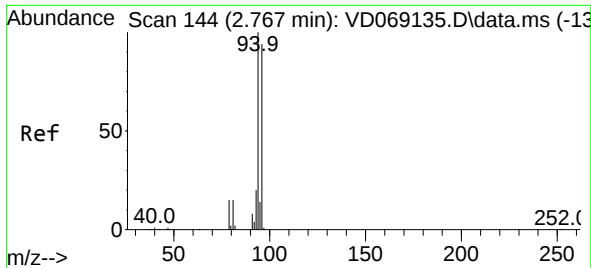
MMDadoda
5/13/2021 4:05:59 PM



#4
Vinyl Chloride
Concen: 19.04 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

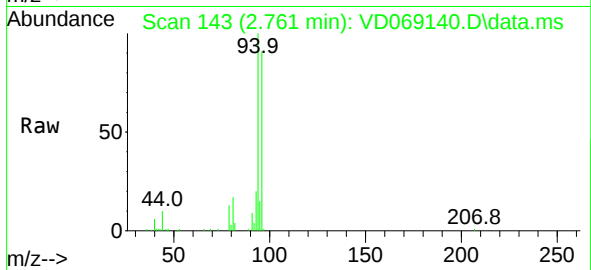
Tgt Ion: 62 Resp: 93881
Ion Ratio Lower Upper
62 100
64 30.8 25.3 37.9





#5
Bromomethane
Concen: 20.32 ug/l
RT: 2.761 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

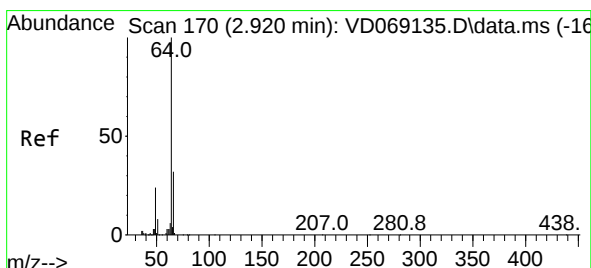
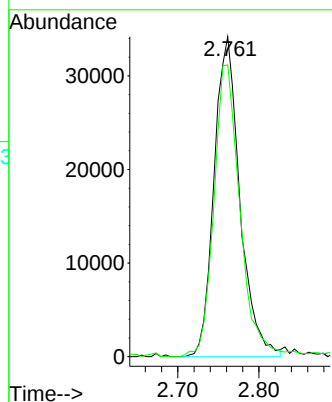
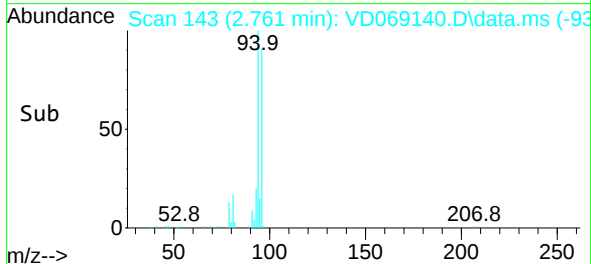
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



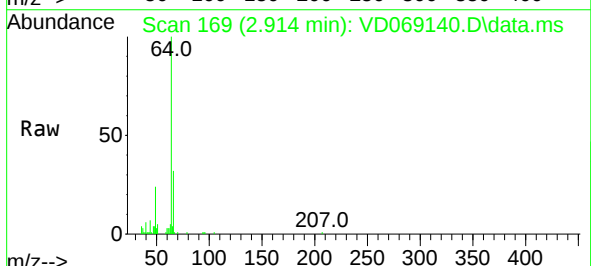
Tgt Ion: 94 Resp: 75359
Ion Ratio Lower Upper
94 100
96 91.2 75.4 113.0

Manual Integrations
APPROVED

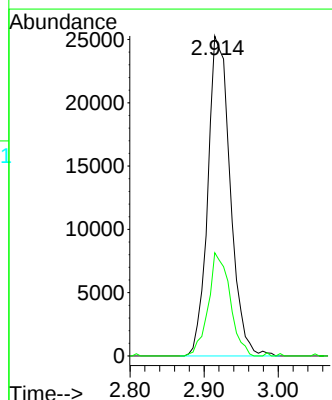
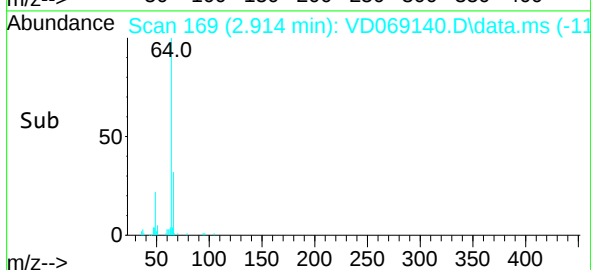
MMDadoda
5/13/2021 4:05:59 PM

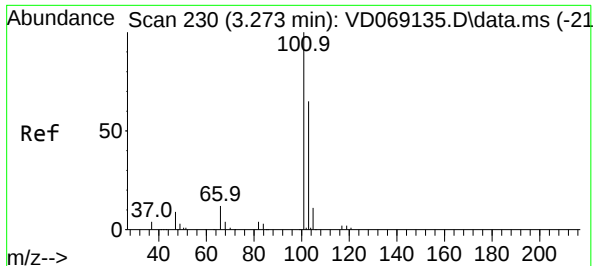


#6
Chloroethane
Concen: 16.75 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



Tgt Ion: 64 Resp: 53112
Ion Ratio Lower Upper
64 100
66 32.3 25.2 37.8





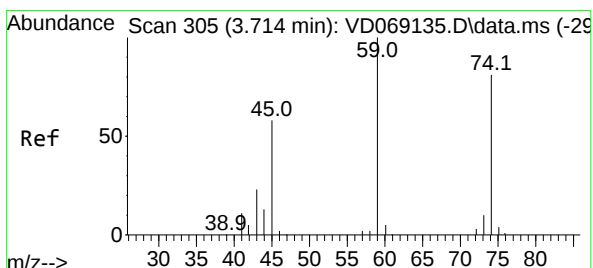
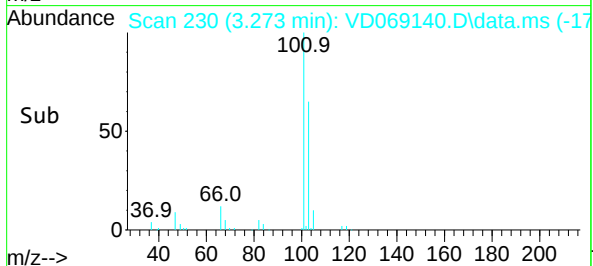
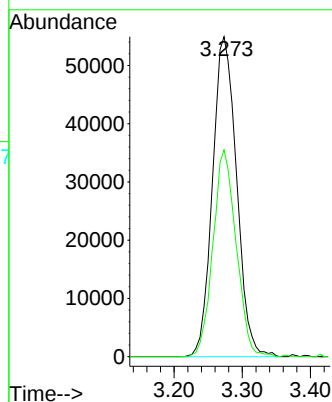
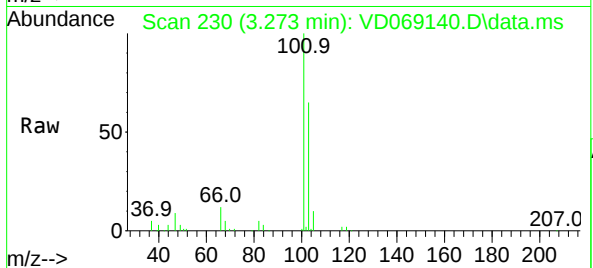
#7
Trichlorofluoromethane
Concen: 22.43 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion:101 Resp: 134923
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

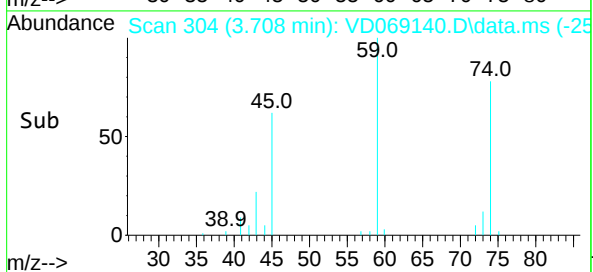
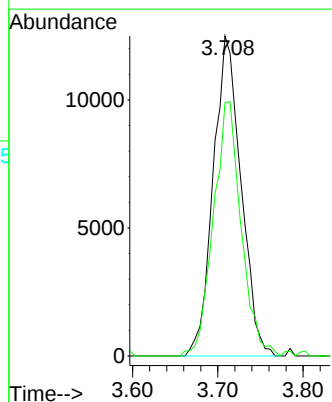
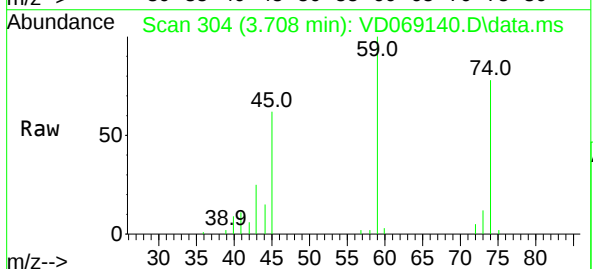
Manual Integrations
APPROVED

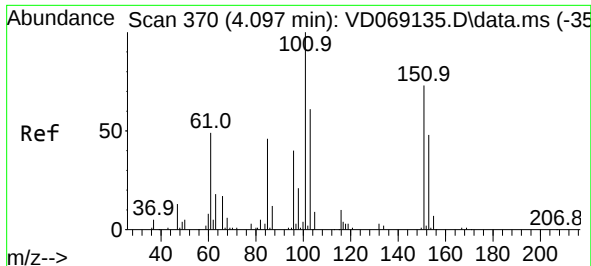
MMDadoda
5/13/2021 4:05:59 PM



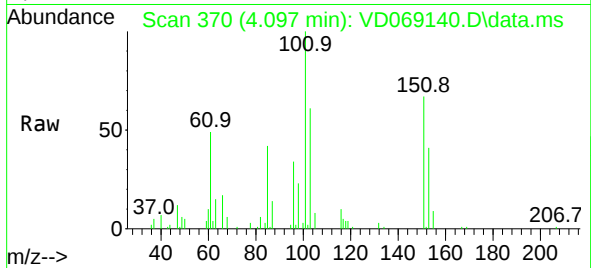
#8
Diethyl Ether
Concen: 20.59 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 74 Resp: 28269
Ion Ratio Lower Upper
74 100
45 79.3 38.1 114.5

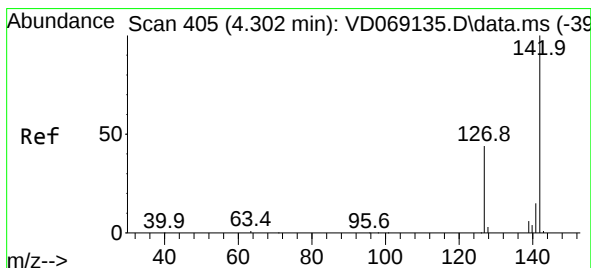
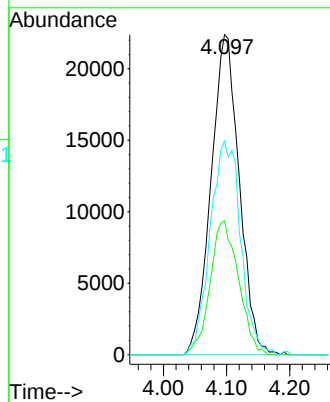
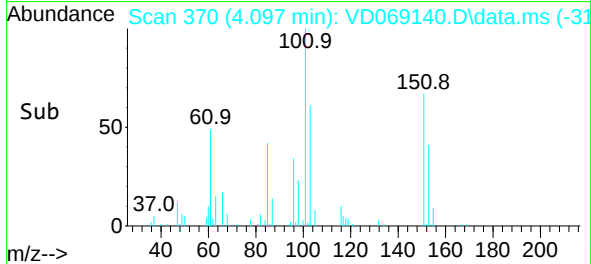




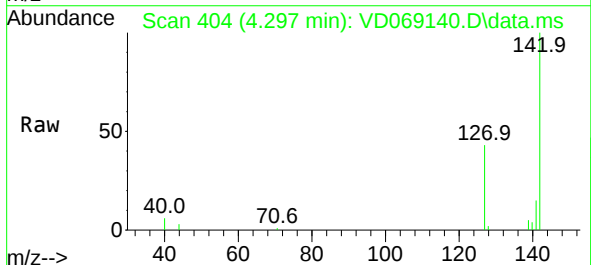
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.38 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



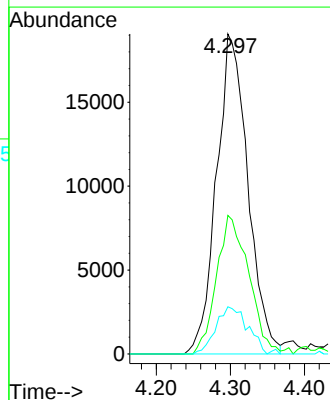
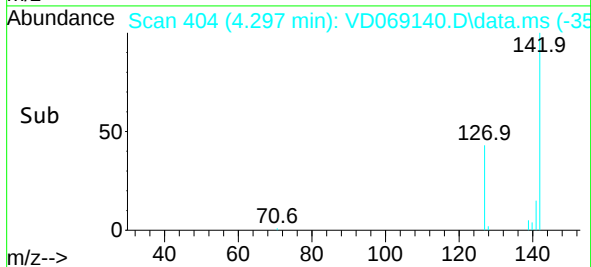
Tgt Ion:101 Resp: 69456
Ion Ratio Lower Upper
101 100
85 42.1 35.2 52.8
151 72.0 60.6 91.0



#10
Methyl Iodide
Concen: 16.42 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.005 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



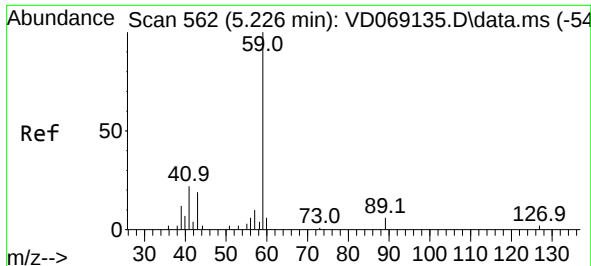
Tgt Ion:142 Resp: 55995
Ion Ratio Lower Upper
142 100
127 44.5 37.3 55.9
141 14.9 12.2 18.4



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

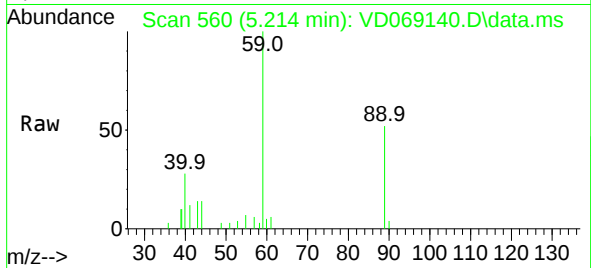
Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



#11
Tert butyl alcohol
Concen: 142.36 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

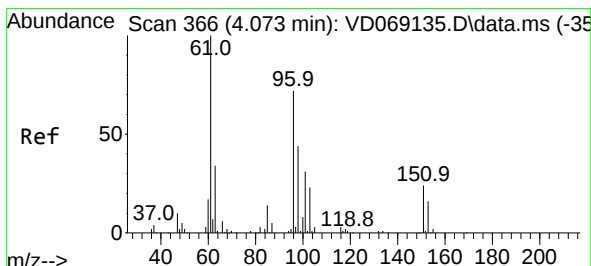
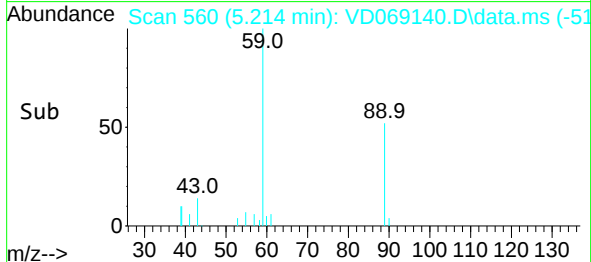
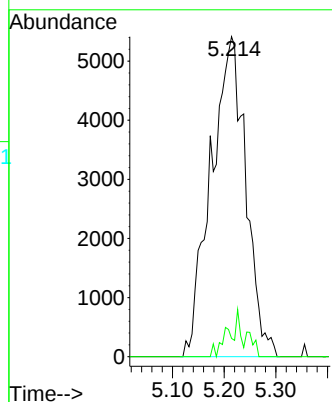
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



Tgt Ion: 59 Resp: 25330
Ion Ratio Lower Upper
59 100
57 3.1 7.8 11.8#

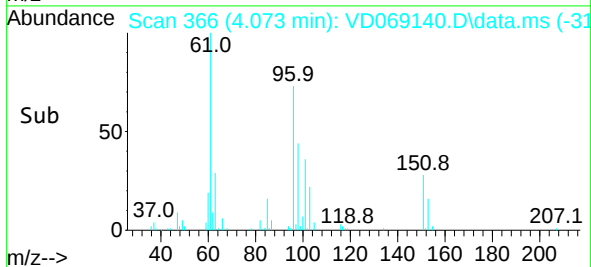
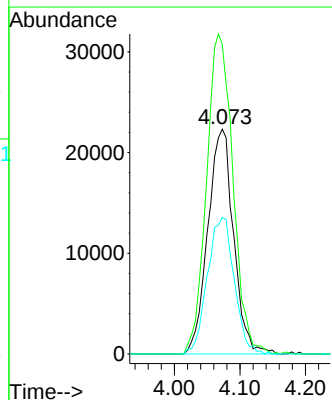
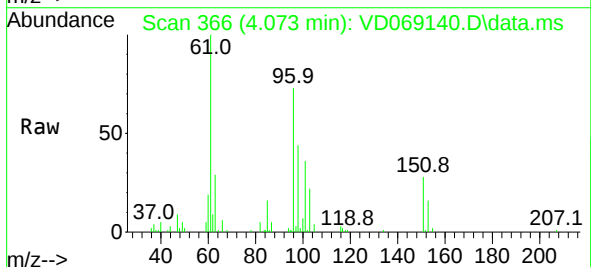
Manual Integrations
APPROVED

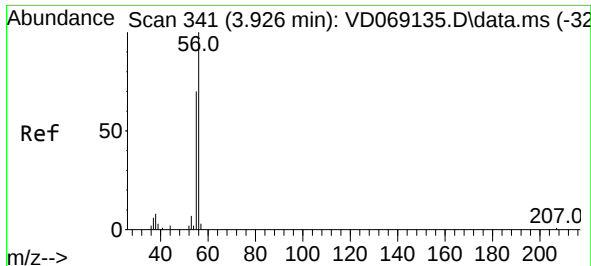
MMDadoda
5/13/2021 4:05:59 PM



#12
1,1-Dichloroethene
Concen: 19.89 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

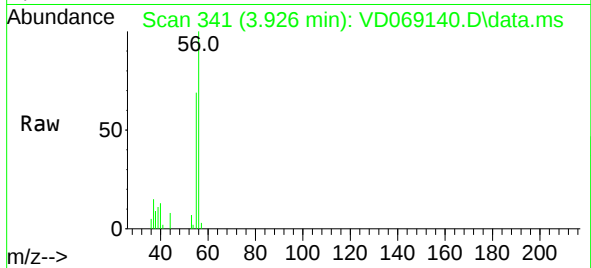
Tgt Ion: 96 Resp: 60909
Ion Ratio Lower Upper
96 100
61 137.7 111.1 166.7
98 60.8 48.4 72.6



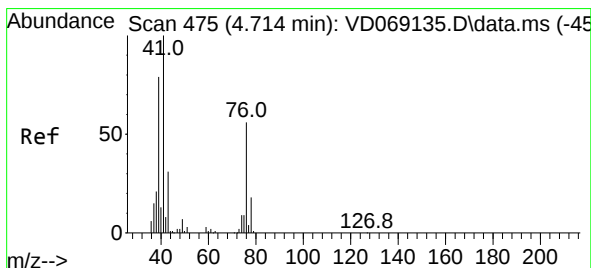
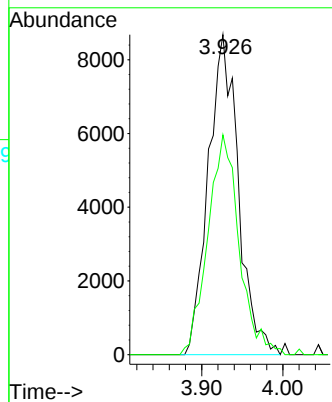
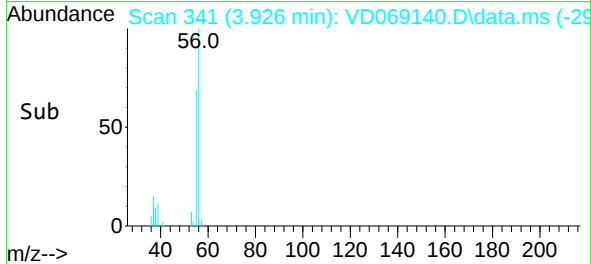


#13
Acrolein
Concen: 89.35 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

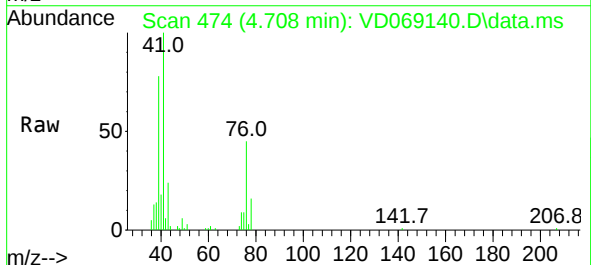
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



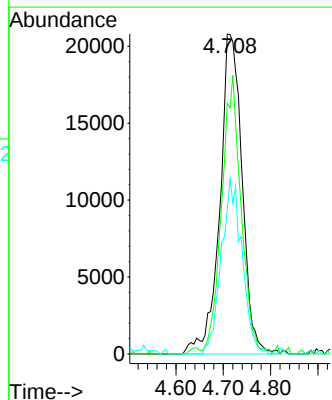
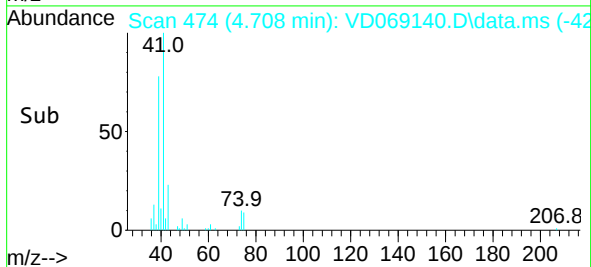
Tgt Ion: 56 Resp: 22306
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3

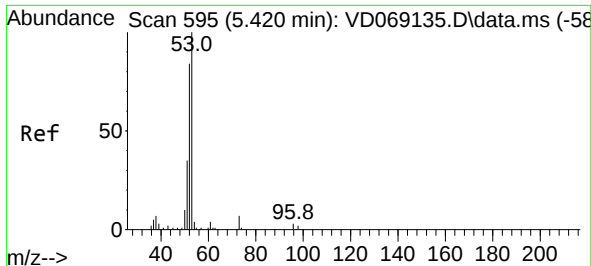


#14
Allyl chloride
Concen: 20.22 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



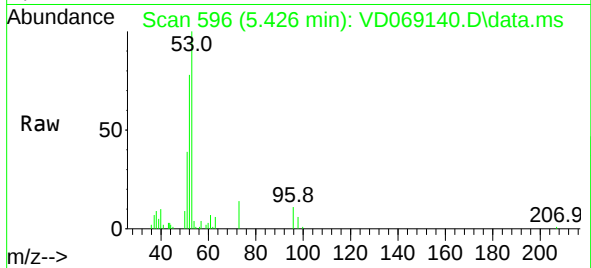
Tgt Ion: 41 Resp: 67931
Ion Ratio Lower Upper
41 100
39 76.3 64.3 96.5
76 50.9 43.6 65.4





#15
Acrylonitrile
Concen: 97.76 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

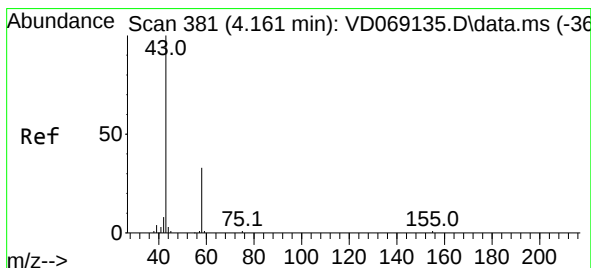
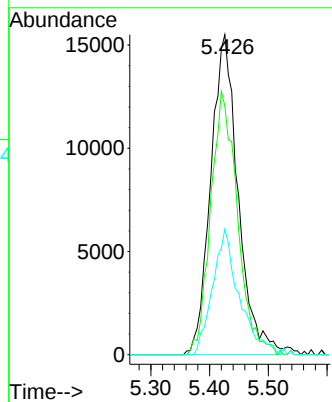
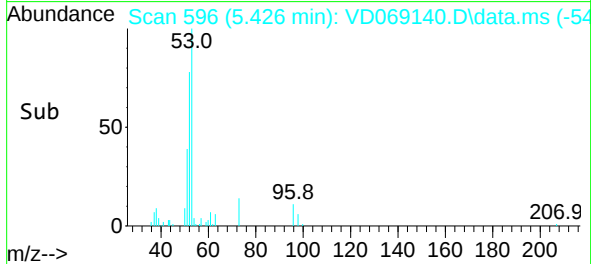
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



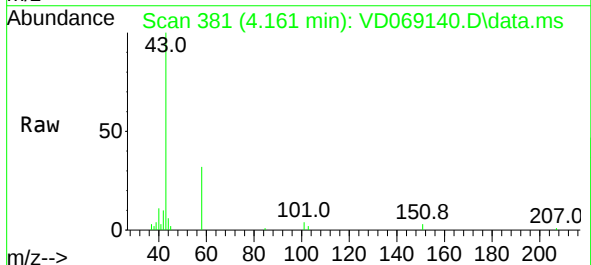
Tgt Ion:	53	Resp:	50094
Ion Ratio	Lower	Upper	
53	100		
52	80.6	64.5	96.7
51	38.0	30.4	45.6

Manual Integrations
APPROVED

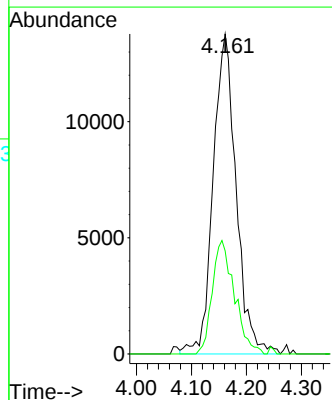
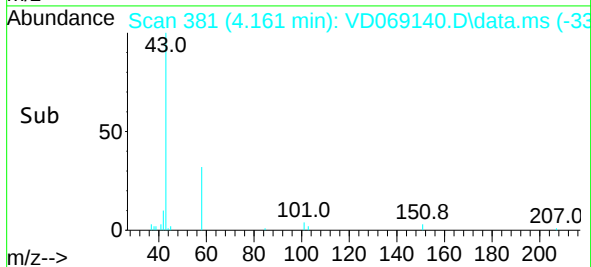
MMDadoda
5/13/2021 4:05:59 PM

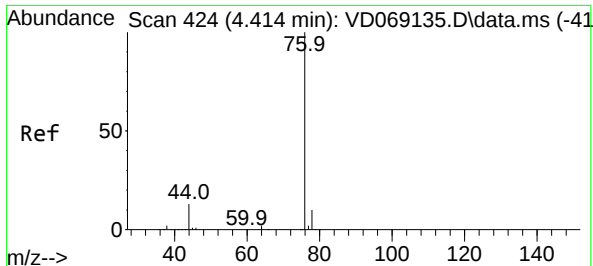


#16
Acetone
Concen: 85.14 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

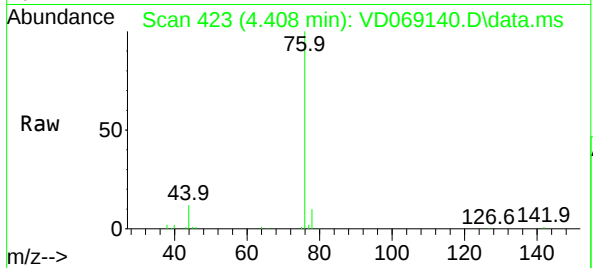


Tgt Ion:	43	Resp:	40012
Ion Ratio	Lower	Upper	
43	100		
58	32.2	26.7	40.1

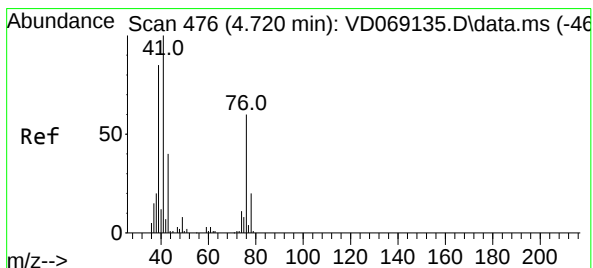
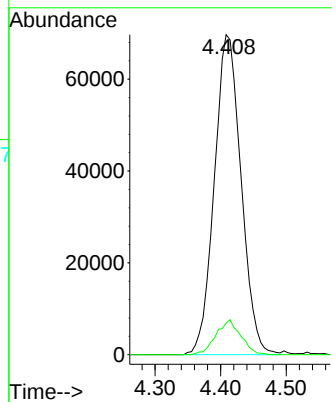
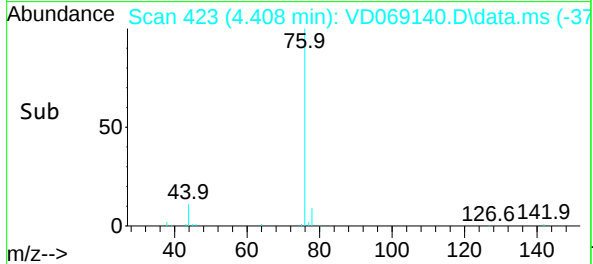




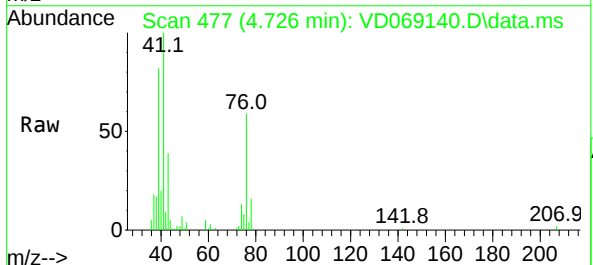
#17
Carbon Disulfide
Concen: 19.44 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



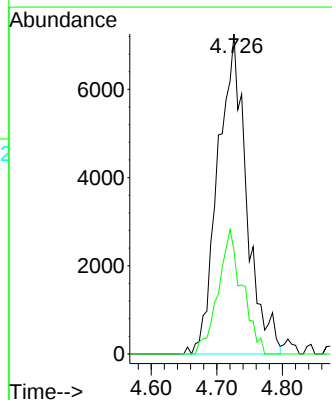
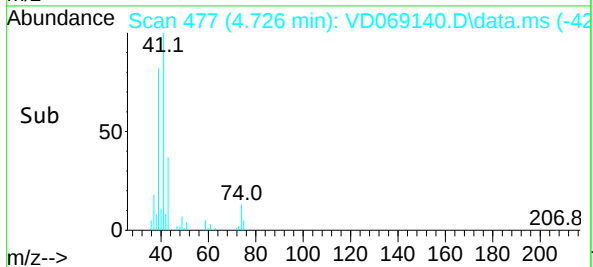
Tgt Ion: 76 Resp: 197348
Ion Ratio Lower Upper
76 100
78 9.9 8.1 12.1



#18
Methyl Acetate
Concen: 19.29 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



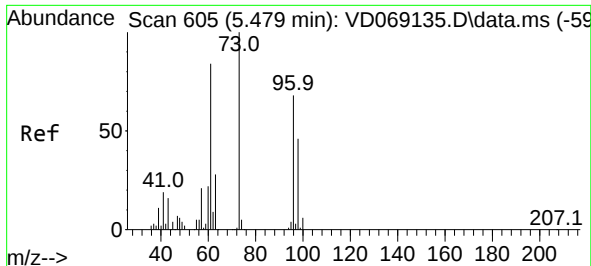
Tgt Ion: 43 Resp: 22021
Ion Ratio Lower Upper
43 100
74 32.9 23.8 35.6



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

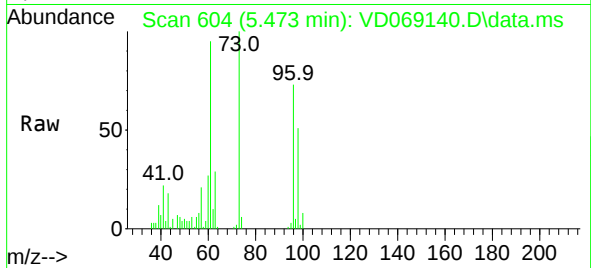
Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



#19
Methyl tert-butyl Ether
Concen: 19.73 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

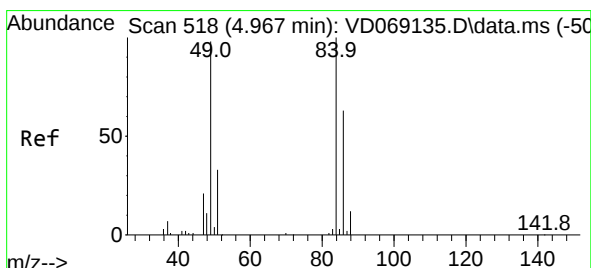
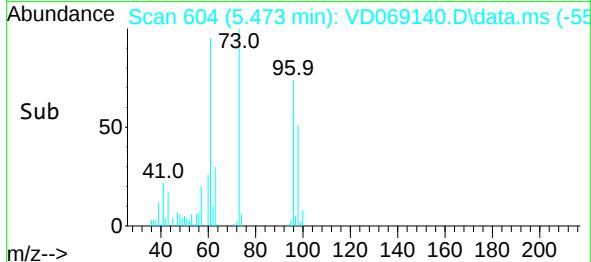
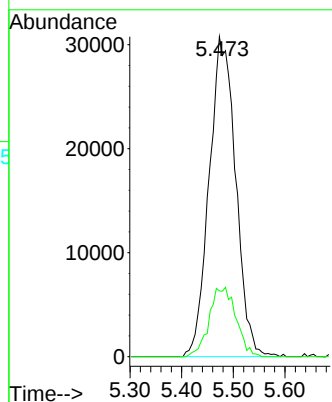
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



Tgt Ion: 73 Resp: 109641
Ion Ratio Lower Upper
73 100
57 20.6 17.1 25.7

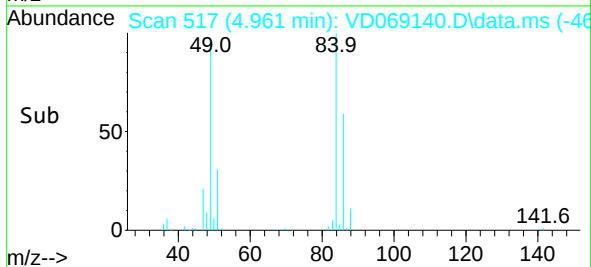
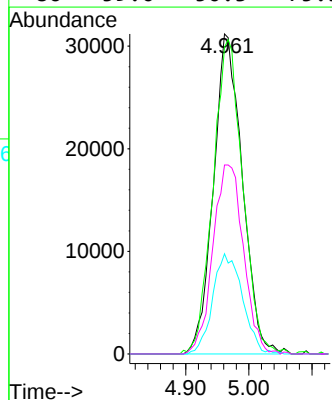
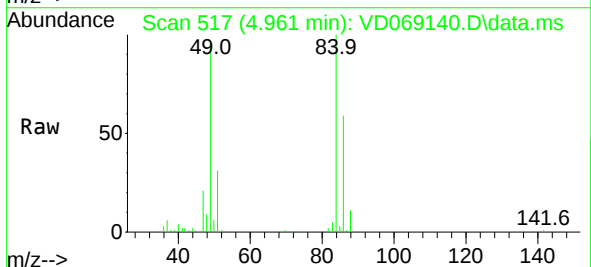
Manual Integrations
APPROVED

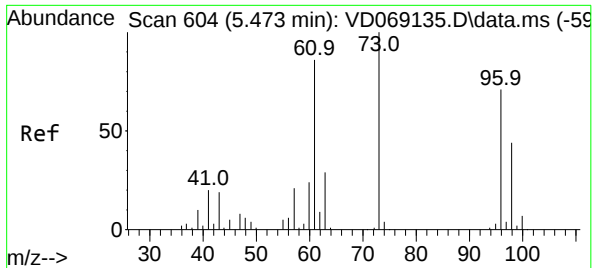
MMDadoda
5/13/2021 4:05:59 PM



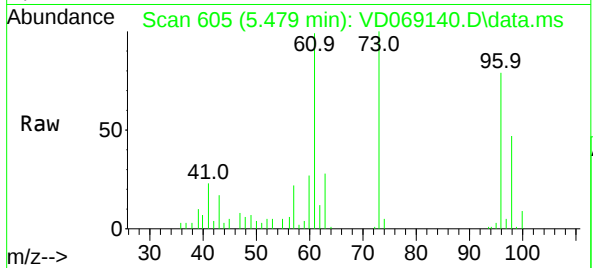
#20
Methylene Chloride
Concen: 20.55 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 84 Resp: 99012
Ion Ratio Lower Upper
84 100
49 95.9 78.6 117.8
51 31.3 26.7 40.1
86 59.0 50.3 75.5

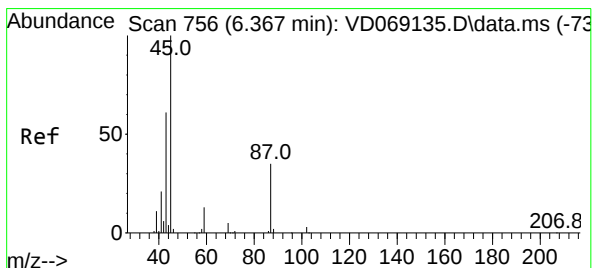
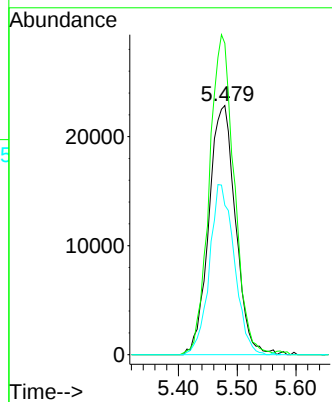
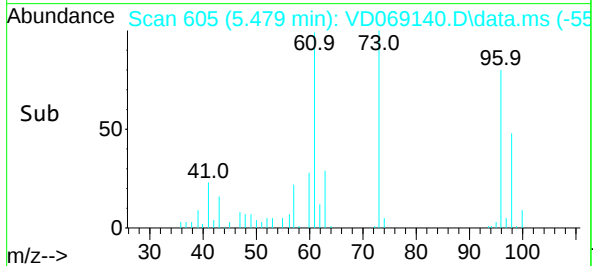




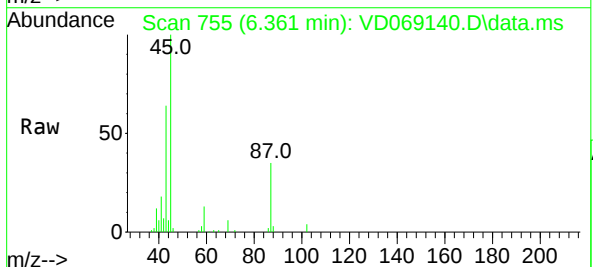
#21
trans-1,2-Dichloroethene
Concen: 19.79 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



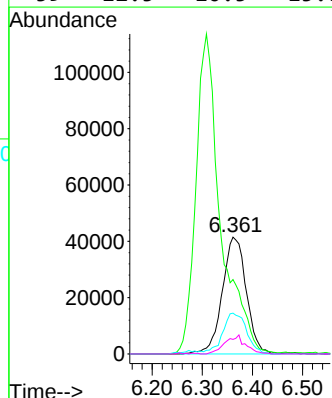
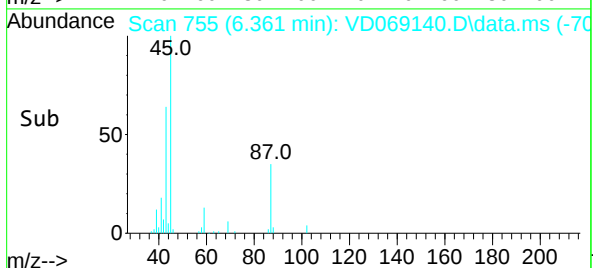
Tgt Ion: 96 Resp: 71833
Ion Ratio Lower Upper
96 100
61 125.0 97.7 146.5
98 60.0 49.4 74.2



#22
Diisopropyl ether
Concen: 20.56 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



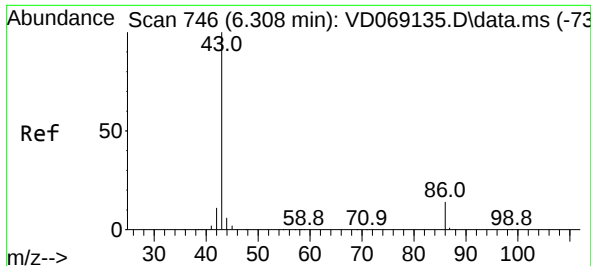
Tgt Ion: 45 Resp: 137923
Ion Ratio Lower Upper
45 100
43 62.6 48.6 73.0
87 34.9 28.5 42.7
59 12.5 10.5 15.7



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



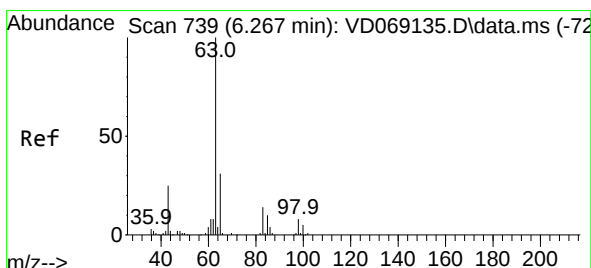
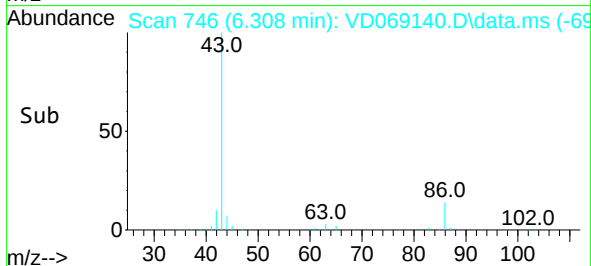
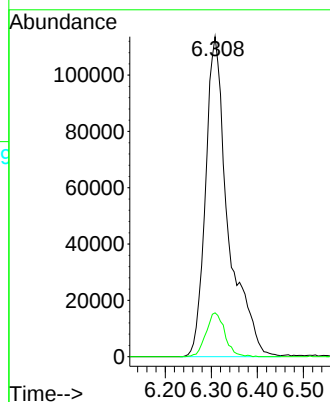
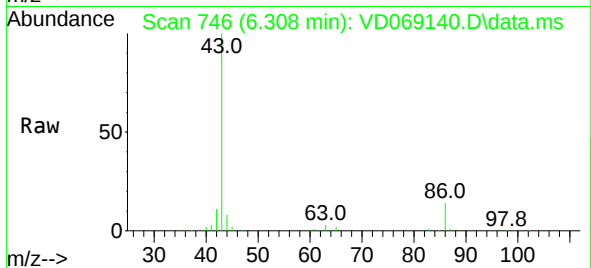
#23
 Vinyl Acetate
 Concen: 98.20 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD069140.D
 Acq: 12 May 2021 17:04

Tgt Ion: 43 Resp: 388819
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.1 16.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS01

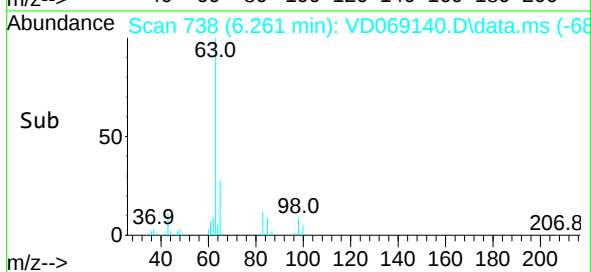
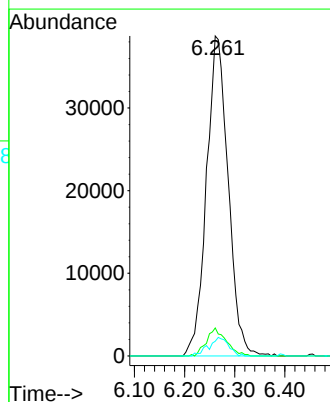
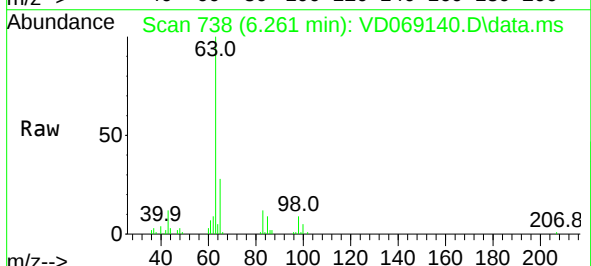
Manual Integrations
 APPROVED

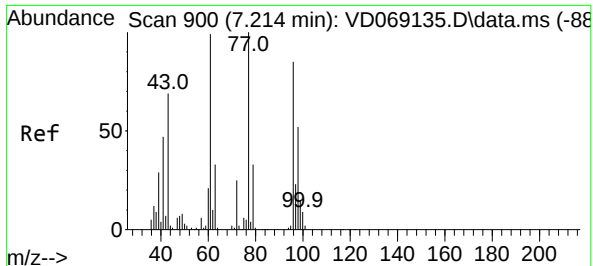
MMDadoda
 5/13/2021 4:05:59 PM



#24
 1,1-Dichloroethane
 Concen: 20.08 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD069140.D
 Acq: 12 May 2021 17:04

Tgt Ion: 63 Resp: 116404
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.5
 100 4.6 2.5 7.6





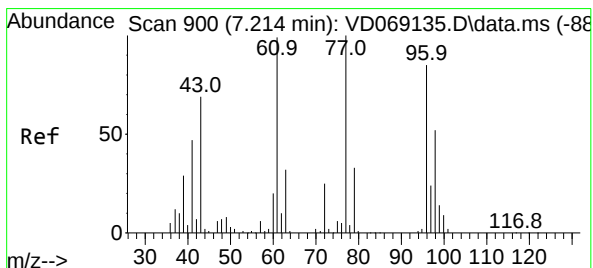
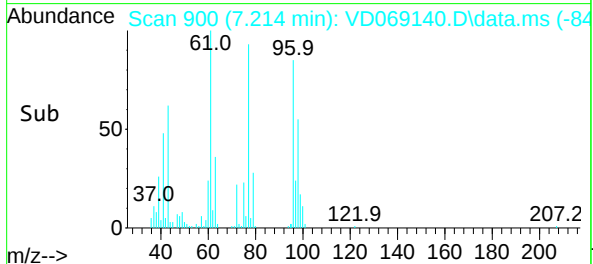
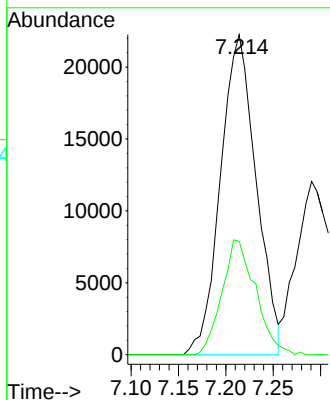
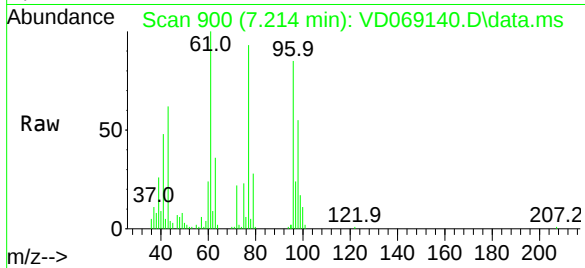
#25
2-Butanone
Concen: 91.56 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 43 Resp: 58304
Ion Ratio Lower Upper
43 100
72 35.5 29.1 43.7

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

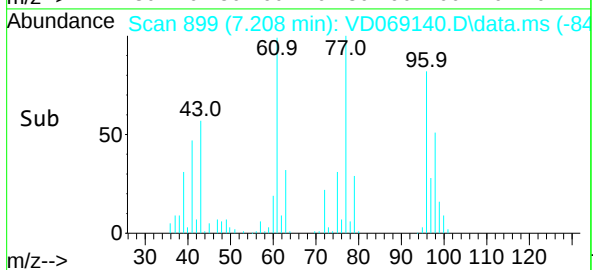
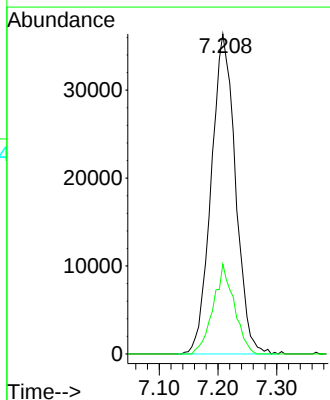
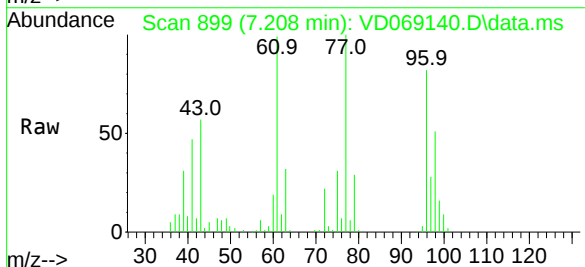
Manual Integrations
APPROVED

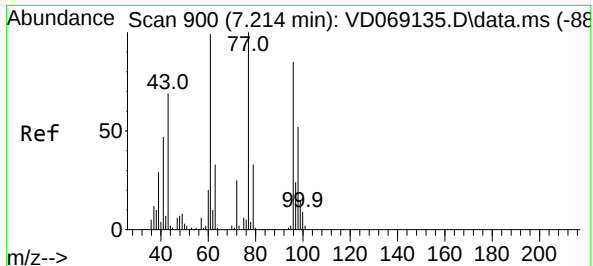
MMDadoda
5/13/2021 4:05:59 PM



#26
2,2-Dichloropropane
Concen: 19.24 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 77 Resp: 104282
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.19 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069140.D

Acq: 12 May 2021 17:04

Tgt Ion:	96	Resp:	79580
Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	263.8
98	64.4	0.0	132.2

Instrument :

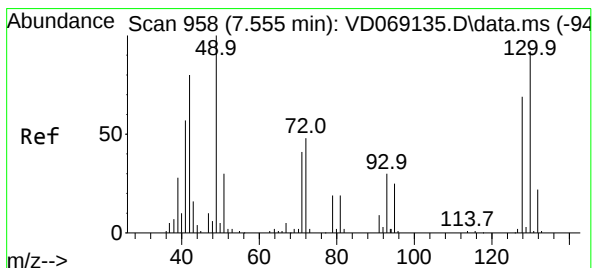
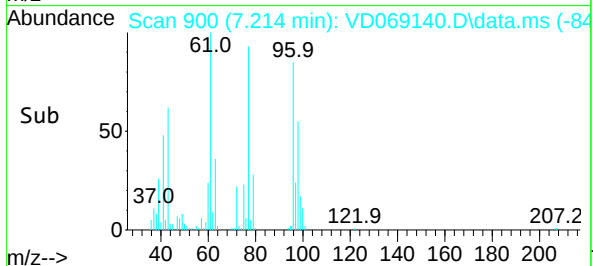
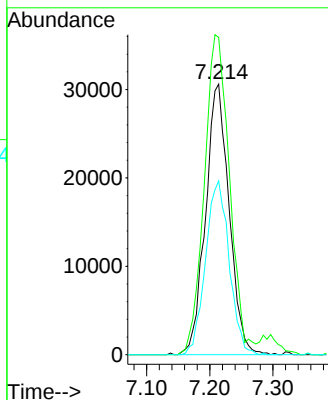
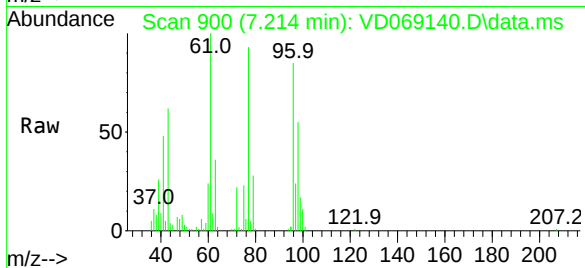
MSVOA_D

ClientSampleId :

VD0512SBS01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



#28

Bromochloromethane

Concen: 20.55 ug/l

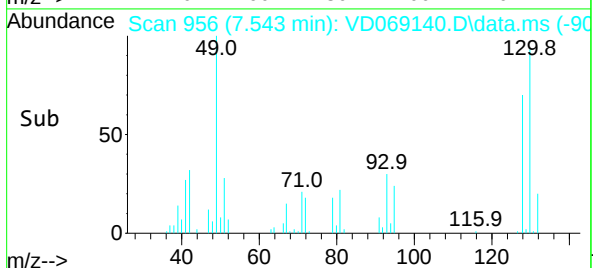
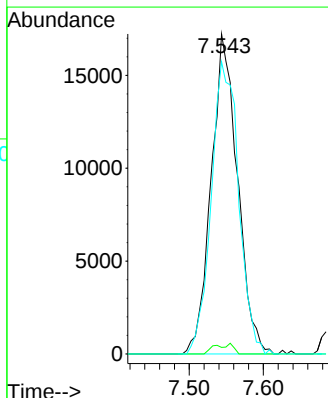
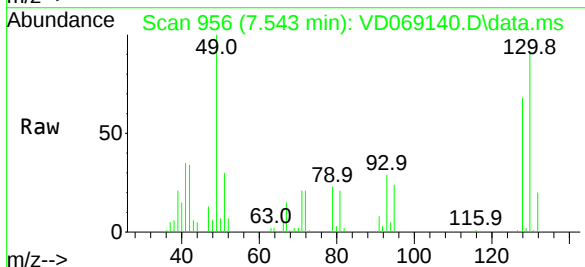
RT: 7.543 min Scan# 956

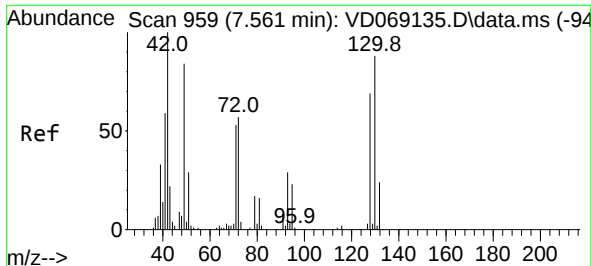
Delta R.T. -0.012 min

Lab File: VD069140.D

Acq: 12 May 2021 17:04

Tgt Ion:	49	Resp:	42457
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	6.4
130	95.1	75.8	113.6





#29

Tetrahydrofuran

Concen: 95.09 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD069140.D

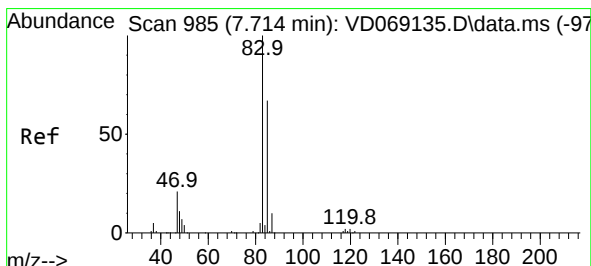
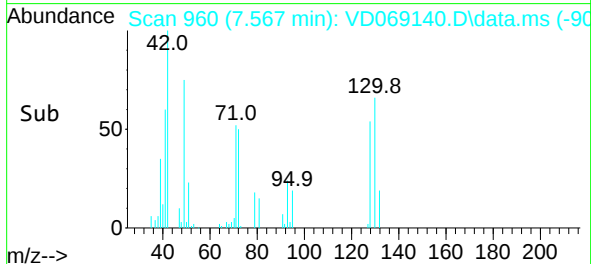
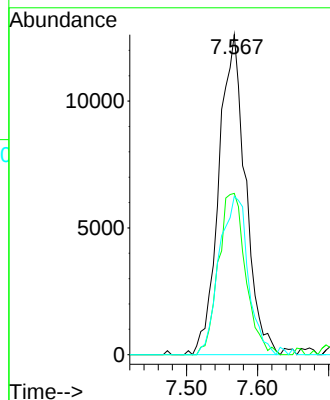
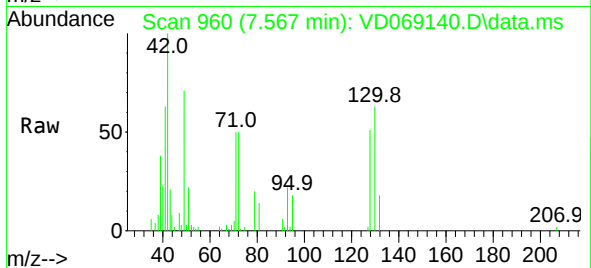
Acq: 12 May 2021 17:04

Tgt Ion:	42	Resp:	32917
Ion Ratio	Lower	Upper	
42	100		
72	51.4	45.9	68.9
71	53.6	42.9	64.3

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



#30

Chloroform

Concen: 19.93 ug/l

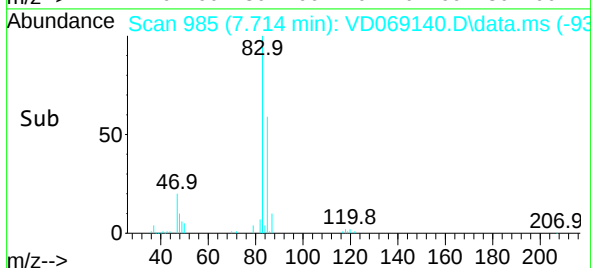
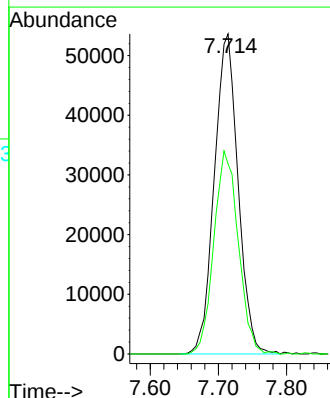
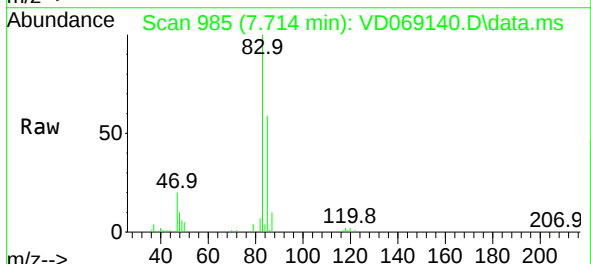
RT: 7.714 min Scan# 985

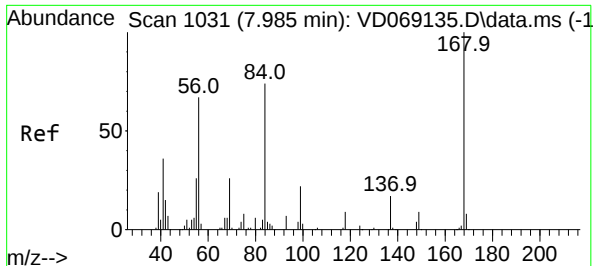
Delta R.T. 0.000 min

Lab File: VD069140.D

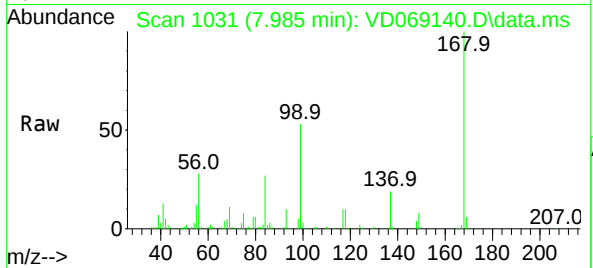
Acq: 12 May 2021 17:04

Tgt Ion:	83	Resp:	130072
Ion Ratio	Lower	Upper	
83	100		
85	59.4	54.0	81.0

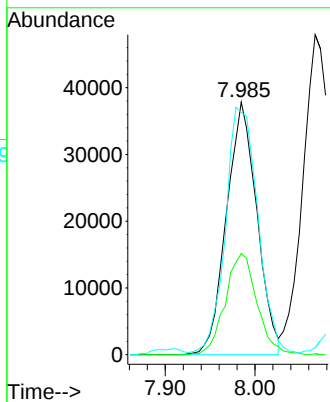
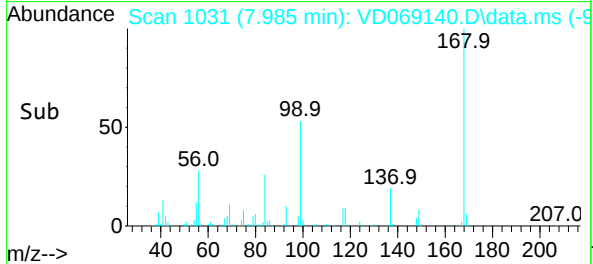




#31
Cyclohexane
Concen: 19.59 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



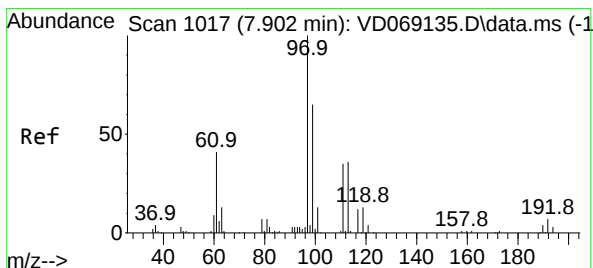
Tgt Ion: 56 Resp: 89103
Ion Ratio Lower Upper
56 100
69 40.0 30.6 46.0
84 93.7 88.0 132.0



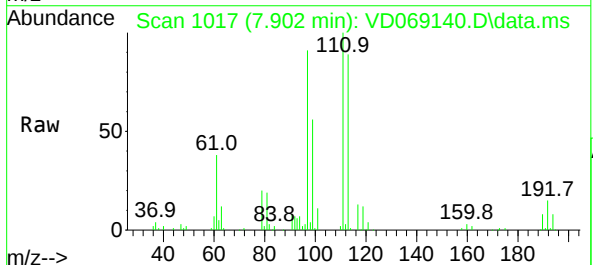
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Manual Integrations
APPROVED

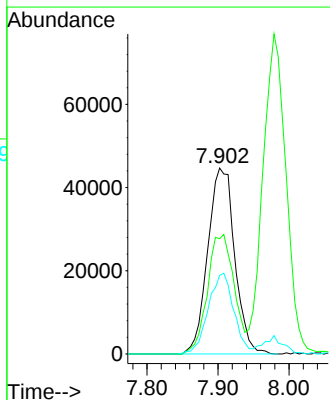
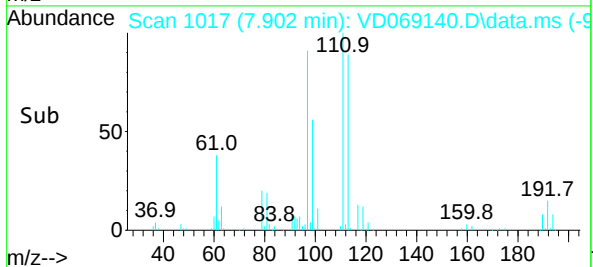
MMDadoda
5/13/2021 4:05:59 PM

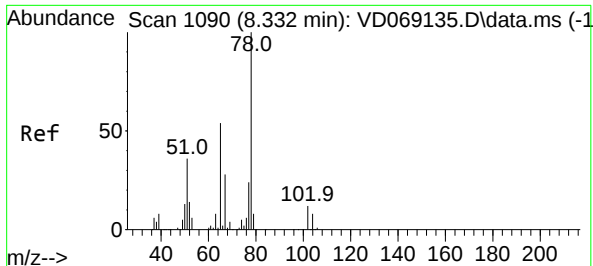


#32
1,1,1-Trichloroethane
Concen: 19.89 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



Tgt Ion: 97 Resp: 117741
Ion Ratio Lower Upper
97 100
99 63.3 51.5 77.3
61 41.2 32.5 48.7





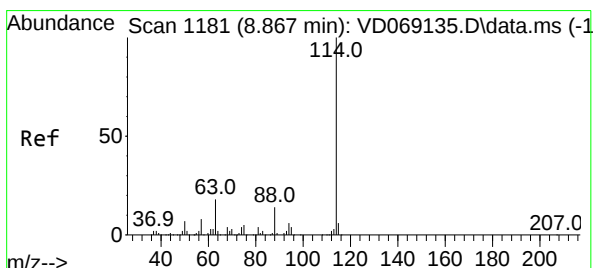
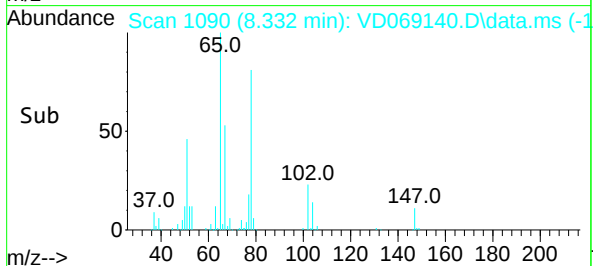
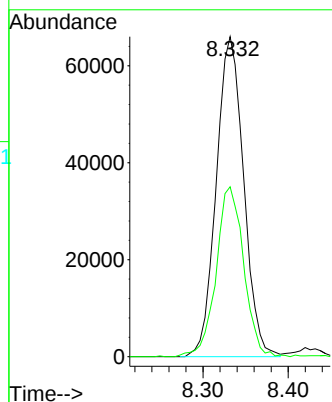
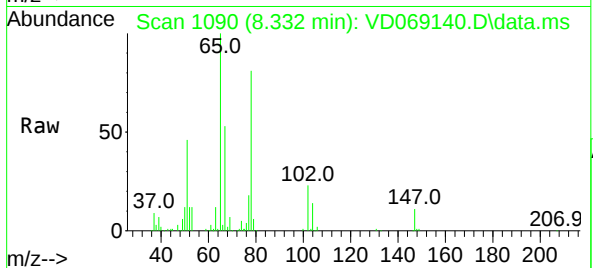
#33
1,2-Dichloroethane-d4
Concen: 48.03 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 65 Resp: 147377
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.0

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

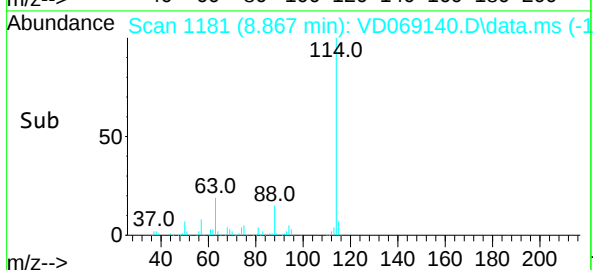
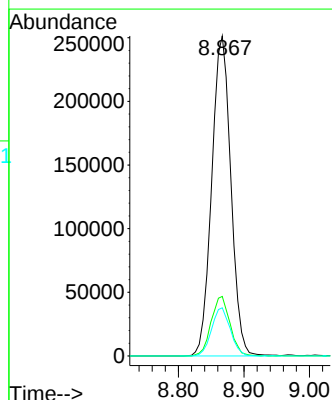
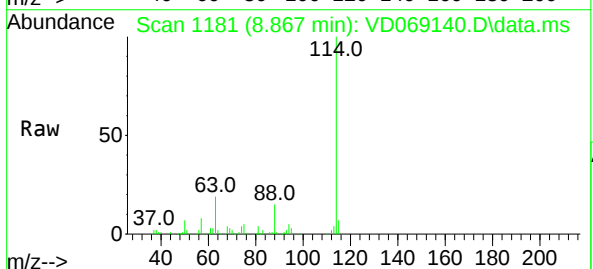
Manual Integrations
APPROVED

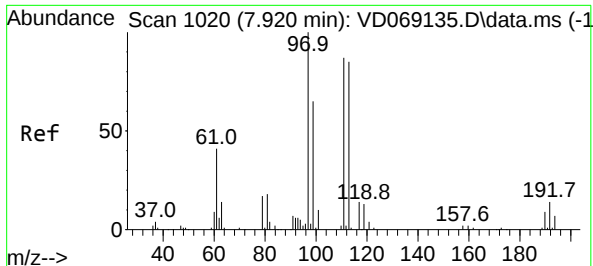
MMDadoda
5/13/2021 4:05:59 PM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 114 Resp: 508956
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.4
88 15.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 49.19 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069140.D

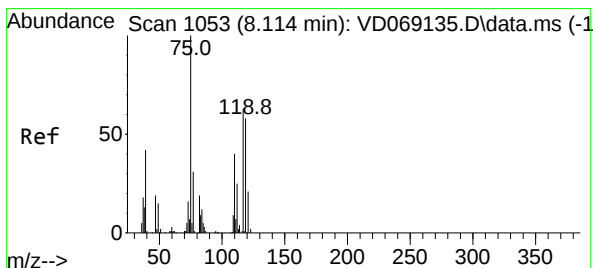
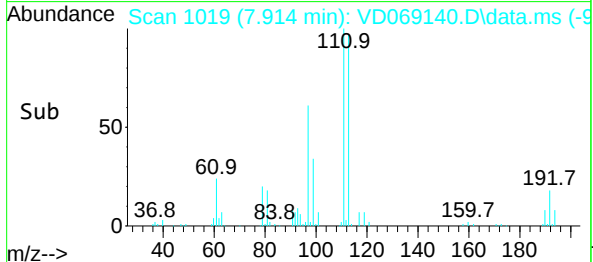
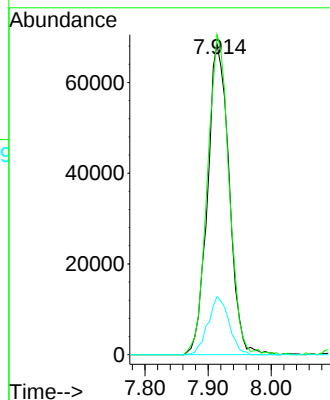
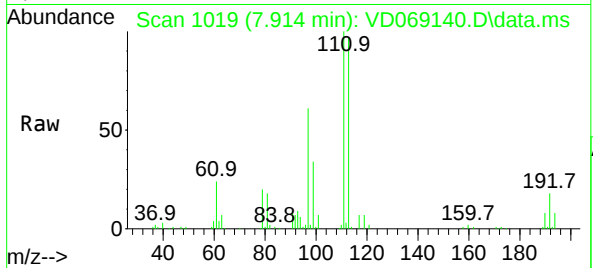
Acq: 12 May 2021 17:04

Tgt Ion:	113	Resp:	162916
Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.6	120.8
192	18.1	14.8	22.2

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



#36

1,1-Dichloropropene

Concen: 19.51 ug/l

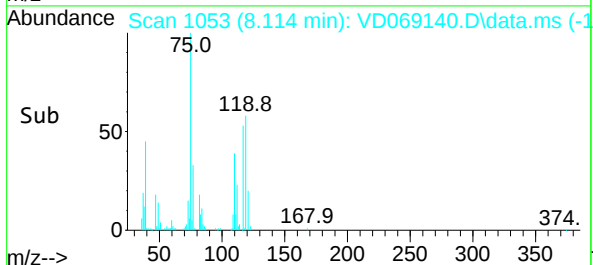
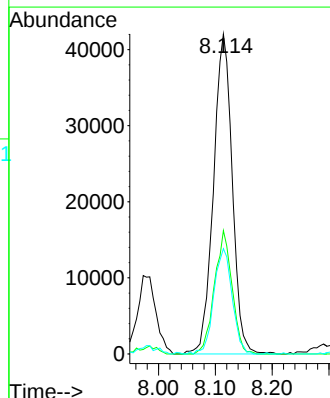
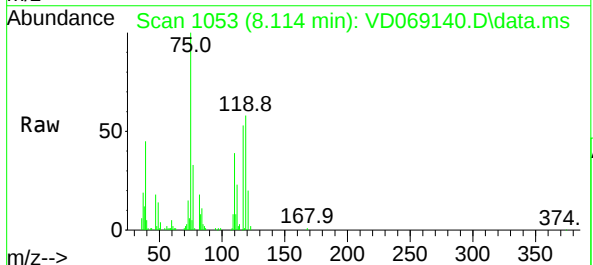
RT: 8.114 min Scan# 1053

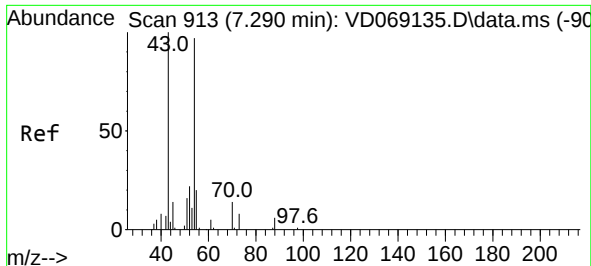
Delta R.T. 0.000 min

Lab File: VD069140.D

Acq: 12 May 2021 17:04

Tgt Ion:	75	Resp:	96513
Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.8	56.4
77	32.1	25.2	37.8





#37

Ethyl Acetate

Concen: 19.25 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD069140.D

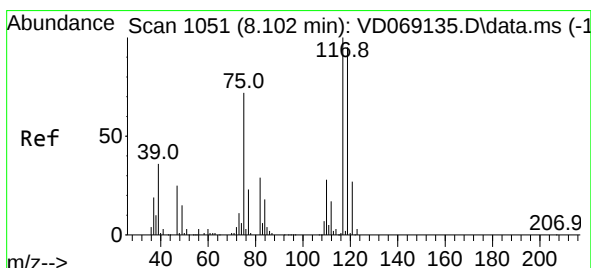
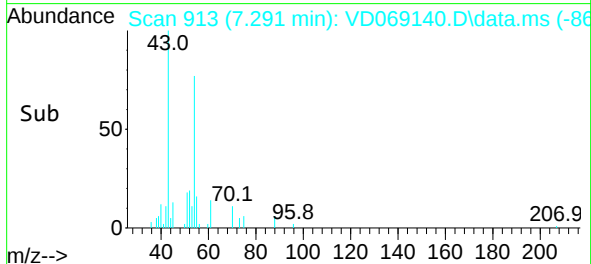
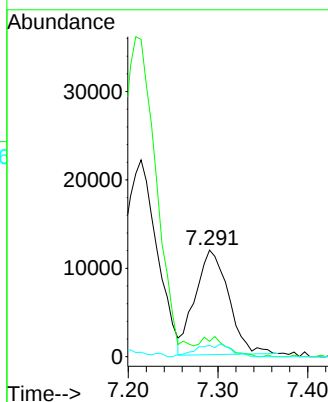
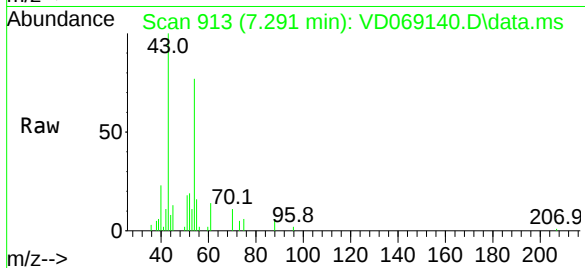
Acq: 12 May 2021 17:04

Tgt Ion:	43	Resp:	30607
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	12.2	10.4	15.6

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



#38

Carbon Tetrachloride

Concen: 18.90 ug/l

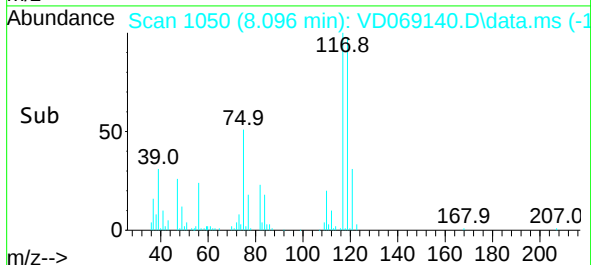
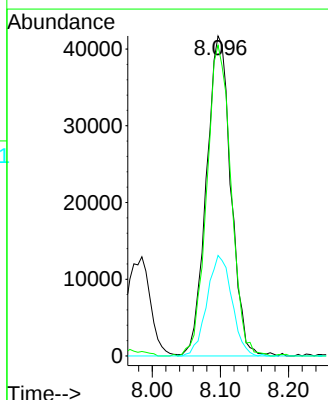
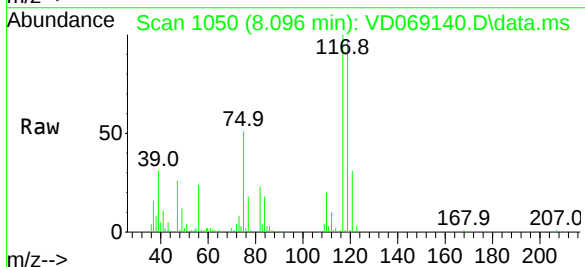
RT: 8.096 min Scan# 1050

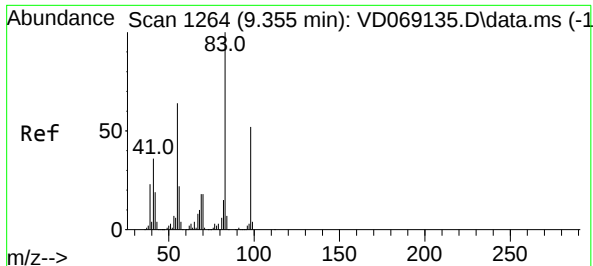
Delta R.T. -0.006 min

Lab File: VD069140.D

Acq: 12 May 2021 17:04

Tgt Ion:	117	Resp:	104520
Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.2	114.2
121	31.4	21.9	32.9





#39

Methylcyclohexane

Concen: 18.25 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069140.D

Acq: 12 May 2021 17:04

Tgt Ion:	83	Resp:	95269
Ion	Ratio	Lower	Upper
83	100		
55	72.9	51.2	76.8
98	49.2	41.4	62.2

Instrument :

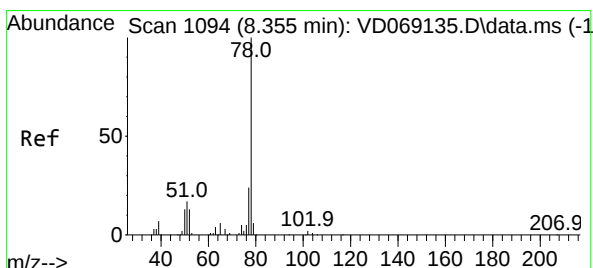
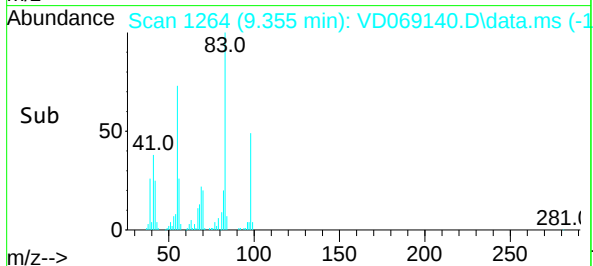
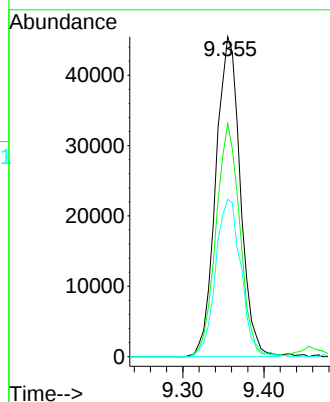
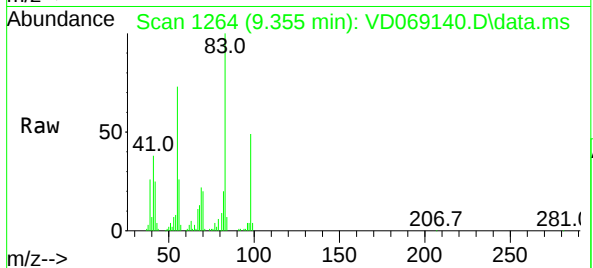
MSVOA_D

ClientSampleId :

VD0512SBS01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



#40

Benzene

Concen: 19.70 ug/l

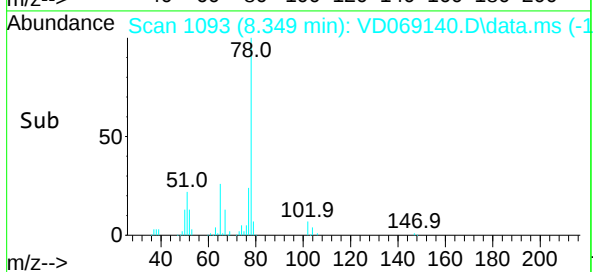
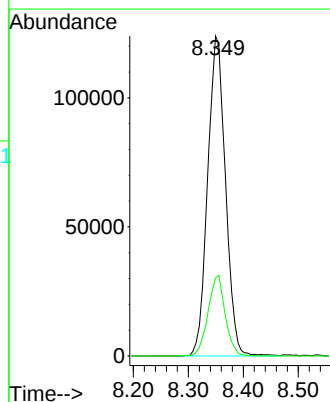
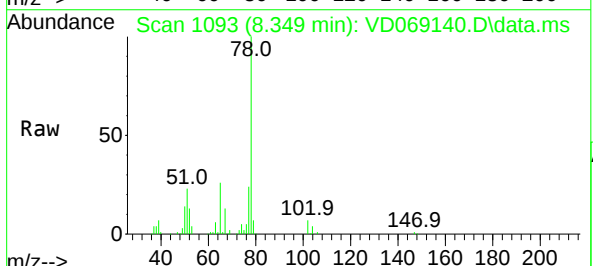
RT: 8.349 min Scan# 1093

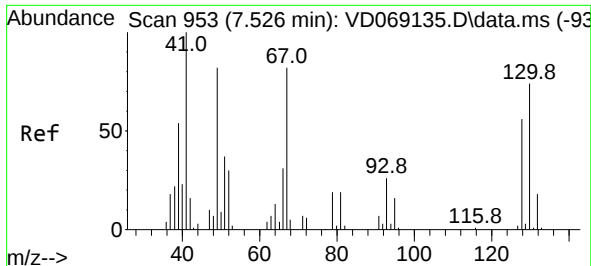
Delta R.T. -0.006 min

Lab File: VD069140.D

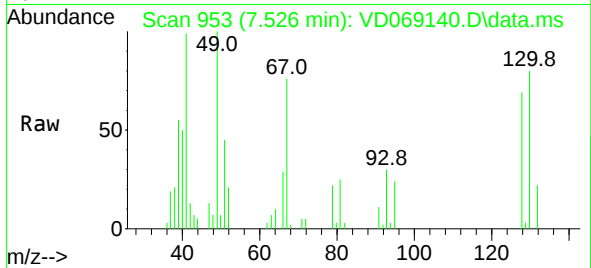
Acq: 12 May 2021 17:04

Tgt Ion:	78	Resp:	279283
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7

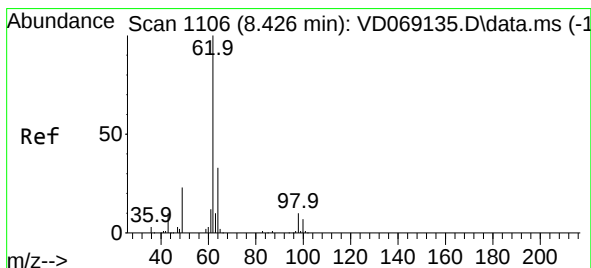
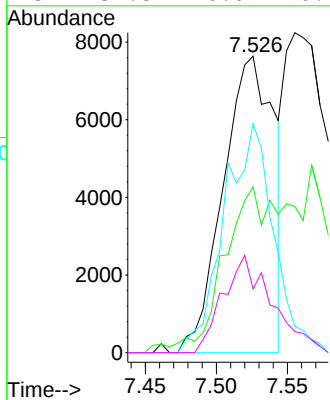
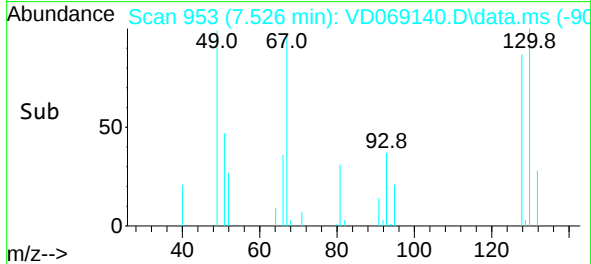




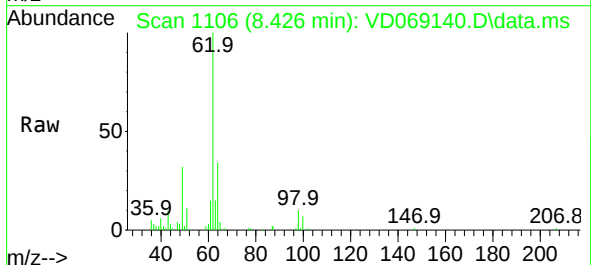
#41
Methacrylonitrile
Concen: 22.42 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



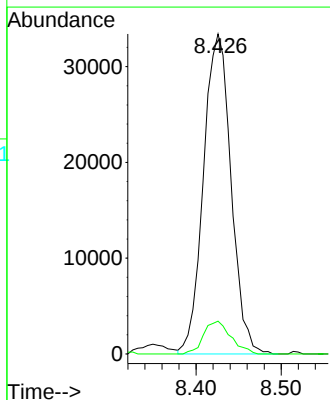
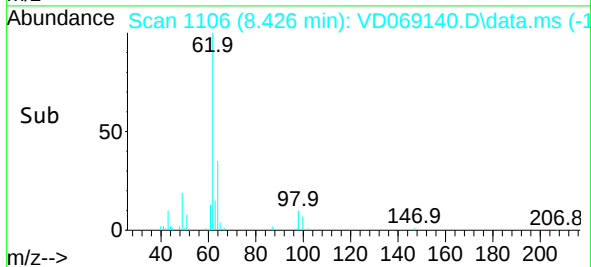
Tgt Ion: 41 Resp: 18975
Ion Ratio Lower Upper
41 100
39 42.6 58.0 87.0#
67 76.0 0.0 0.0#
52 31.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.44 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



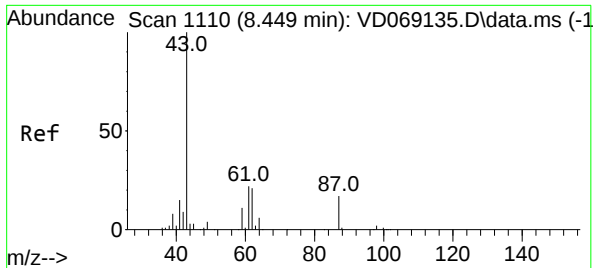
Tgt Ion: 62 Resp: 75237
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.6



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



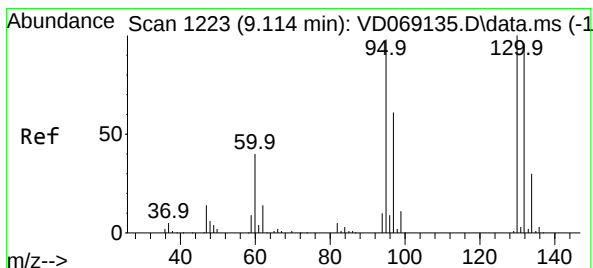
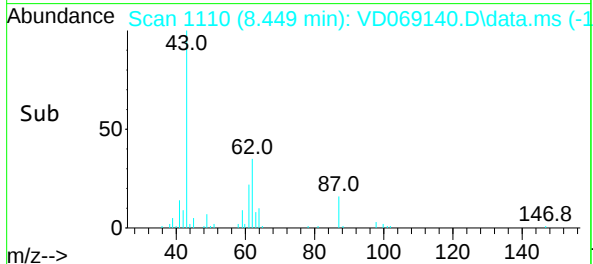
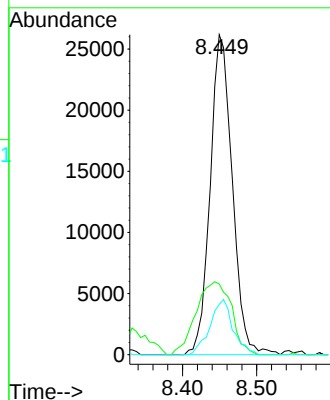
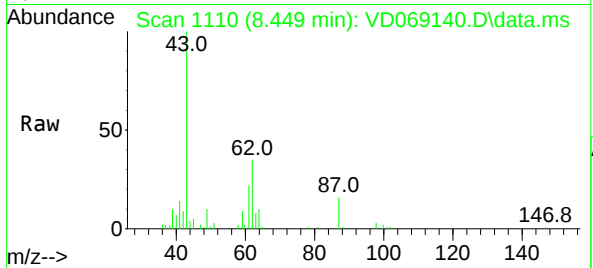
#43
Isopropyl Acetate
Concen: 18.83 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion:	43	Resp:	54356
Ion Ratio	Lower	Upper	
43	100		
61	36.4	28.6	42.8
87	18.0	13.8	20.8

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

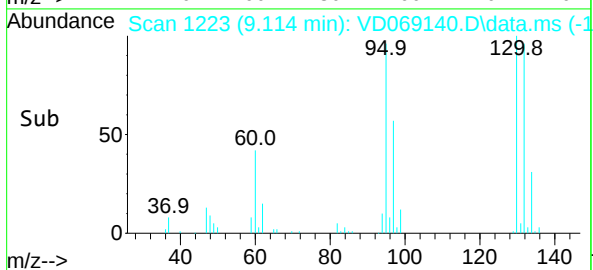
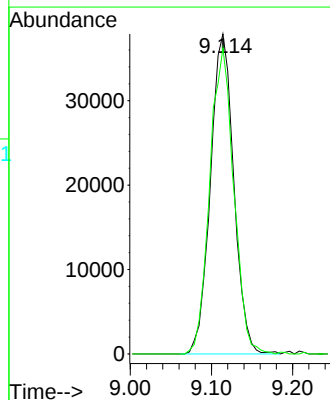
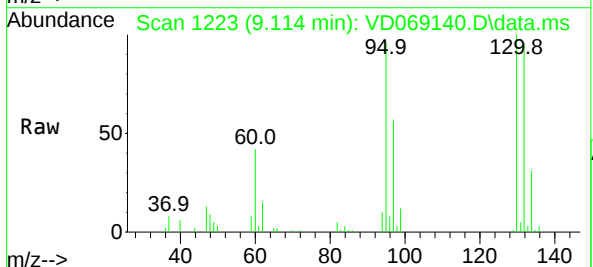
Manual Integrations
APPROVED

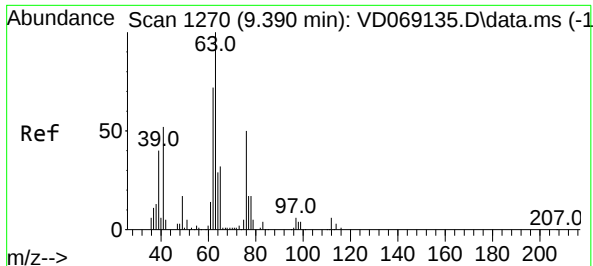
MMDadoda
5/13/2021 4:05:59 PM



#44
Trichloroethene
Concen: 19.10 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion:	130	Resp:	75660
Ion Ratio	Lower	Upper	
130	100		
95	95.6	0.0	196.2





#45

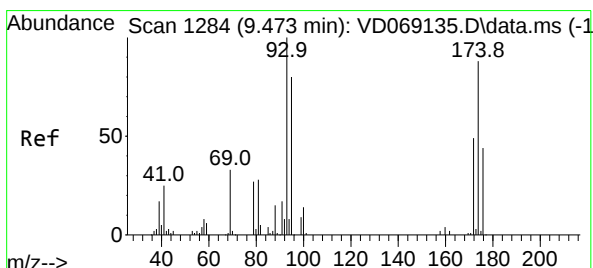
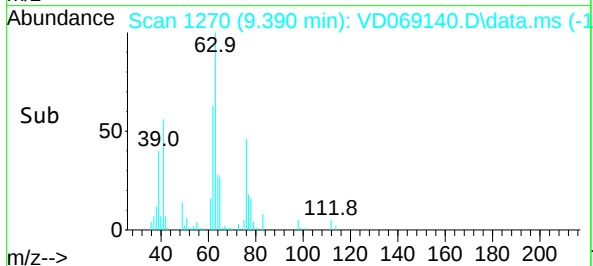
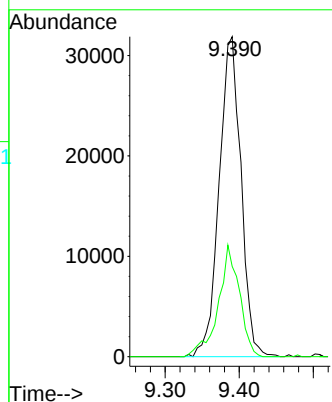
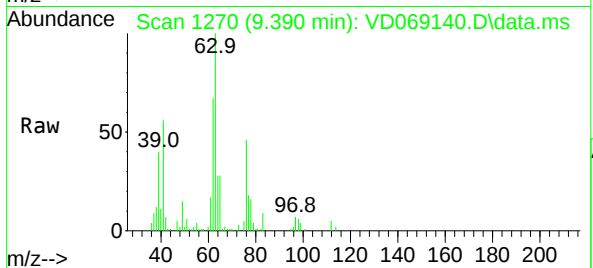
1,2-Dichloropropane
Concen: 19.49 ug/l
RT: 9.390 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 63 Resp: 65213
Ion Ratio Lower Upper
63 100
65 28.2 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Manual Integrations
APPROVED

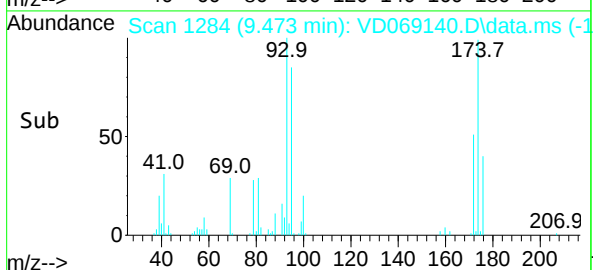
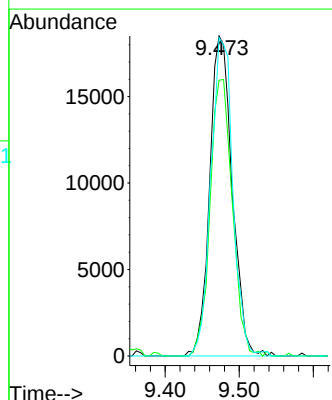
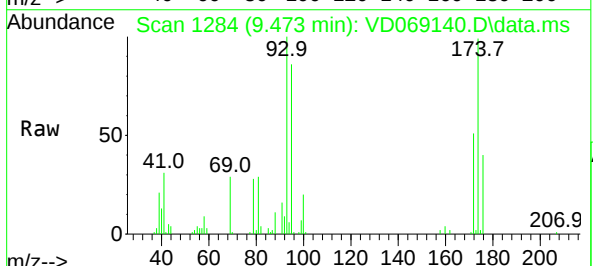
MMDadoda
5/13/2021 4:05:59 PM

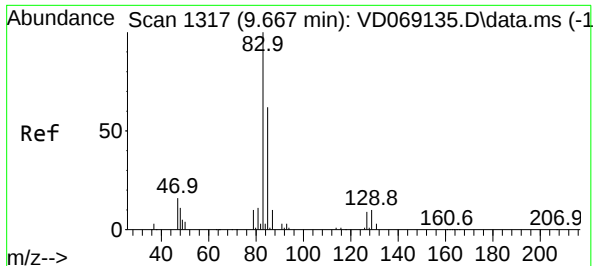


#46

Dibromomethane
Concen: 19.53 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

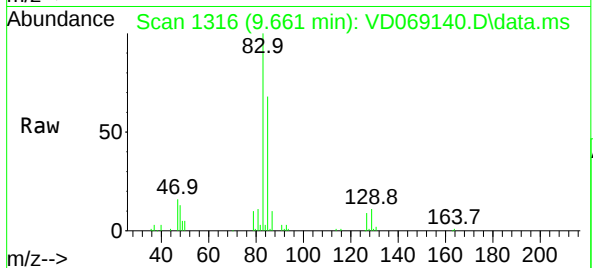
Tgt Ion: 93 Resp: 39059
Ion Ratio Lower Upper
93 100
95 85.5 65.9 98.9
174 97.0 76.6 115.0





#47
Bromodichloromethane
Concen: 20.24 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

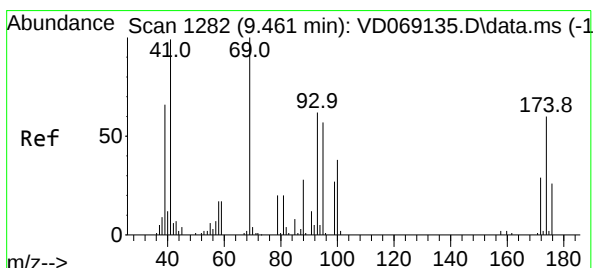
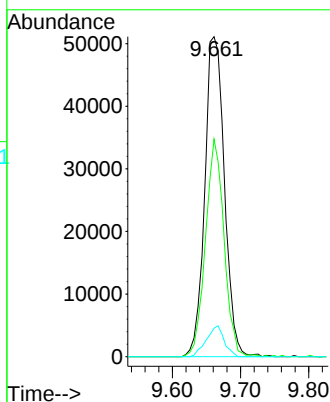
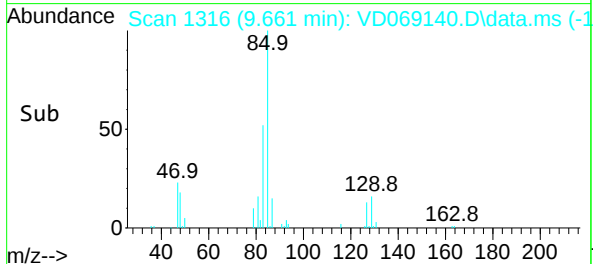
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



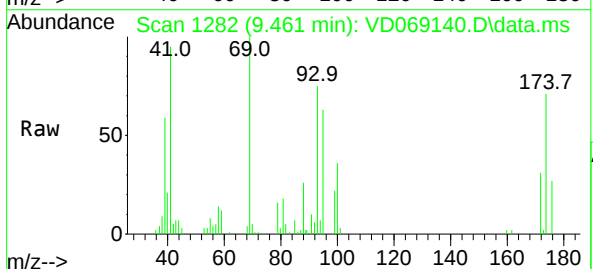
Tgt Ion: 83 Resp: 103018
Ion Ratio Lower Upper
83 100
85 67.9 50.0 75.0
127 8.9 7.1 10.7

Manual Integrations
APPROVED

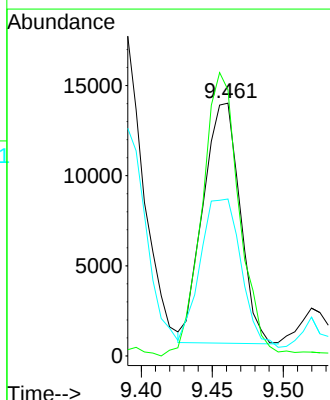
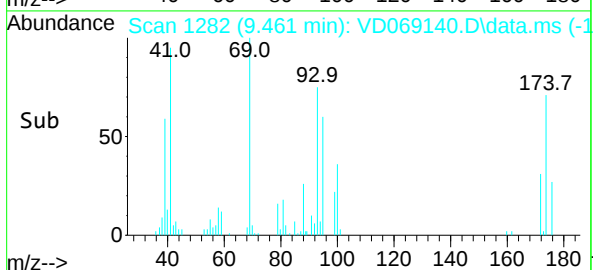
MMDadoda
5/13/2021 4:05:59 PM

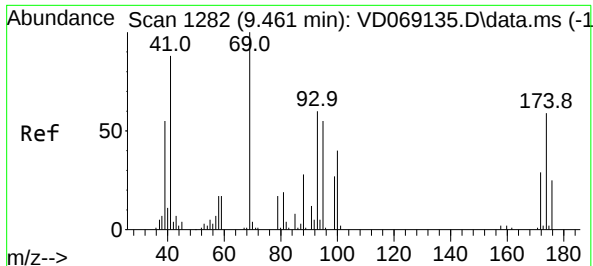


#48
Methyl methacrylate
Concen: 18.00 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



Tgt Ion: 41 Resp: 24024
Ion Ratio Lower Upper
41 100
69 121.1 88.0 132.0
39 76.9 51.4 77.0





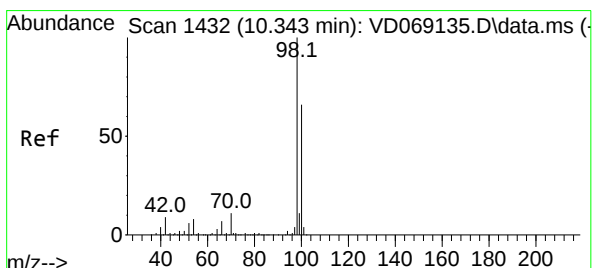
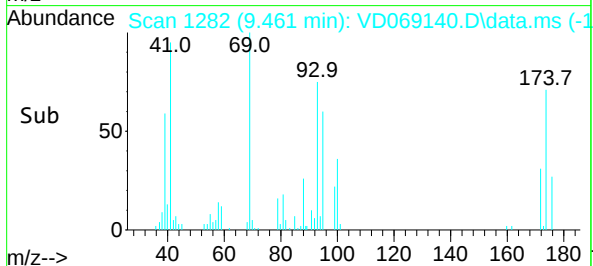
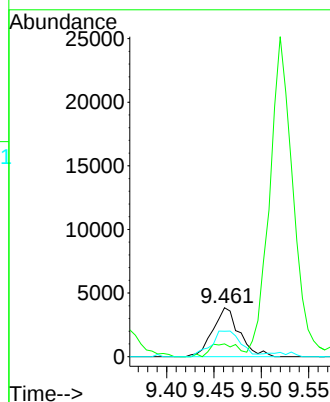
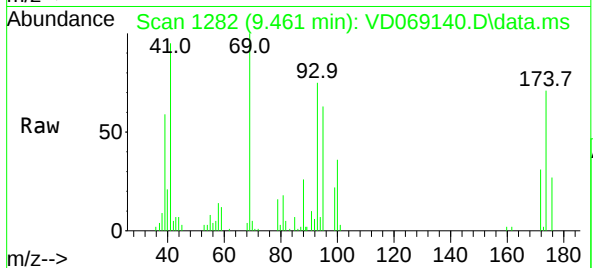
#49
1,4-Dioxane
Concen: 373.06 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 88 Resp: 7480
Ion Ratio Lower Upper
88 100
43 28.4 26.7 40.1
58 58.1 45.8 68.6

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

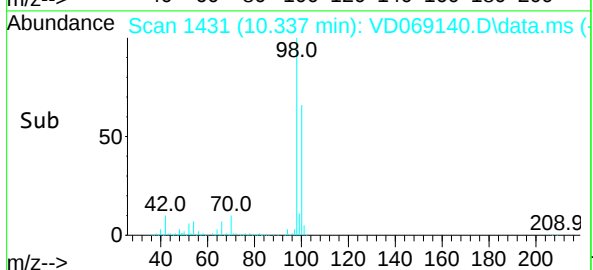
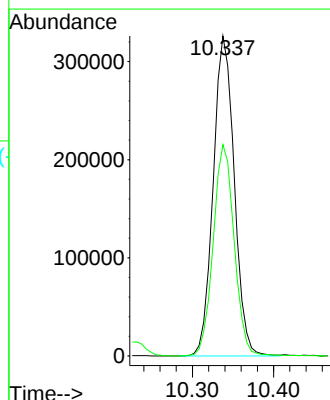
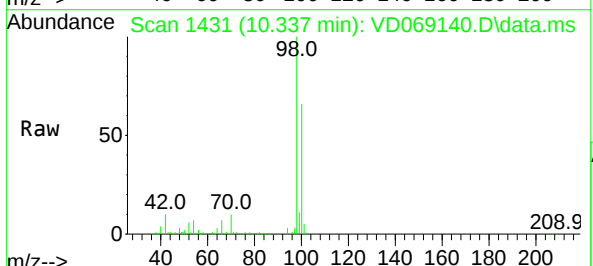
Manual Integrations
APPROVED

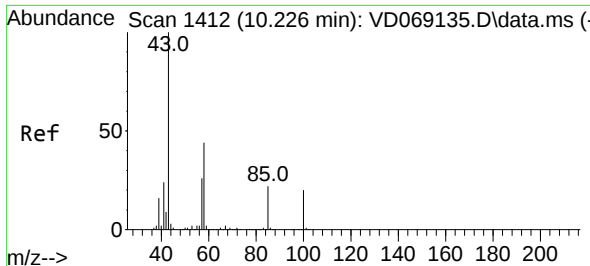
MMDadoda
5/13/2021 4:05:59 PM



#50
Toluene-d8
Concen: 48.24 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 98 Resp: 587078
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.8





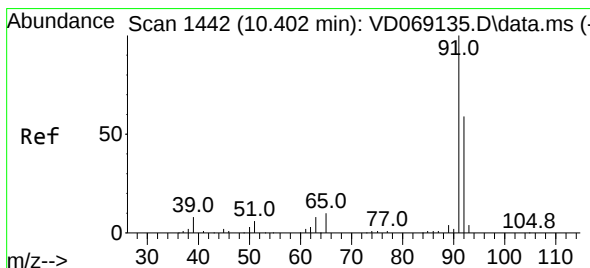
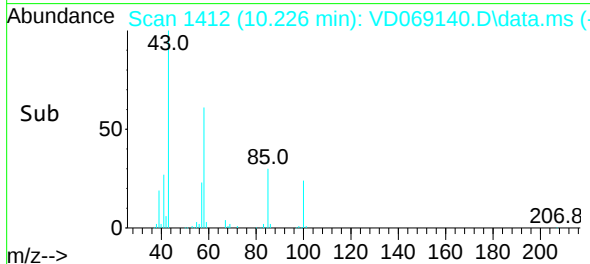
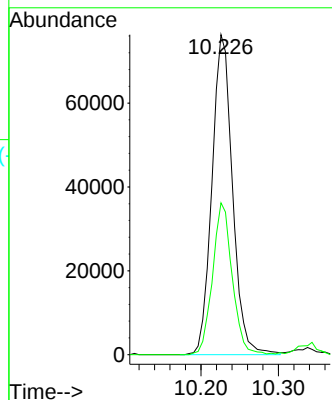
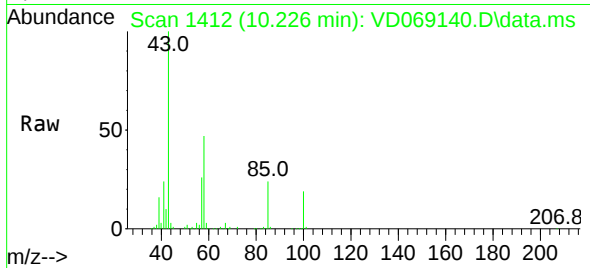
#51
4-Methyl-2-Pentanone
Concen: 94.57 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 43 Resp: 140462
Ion Ratio Lower Upper
43 100
58 45.4 35.0 52.4

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

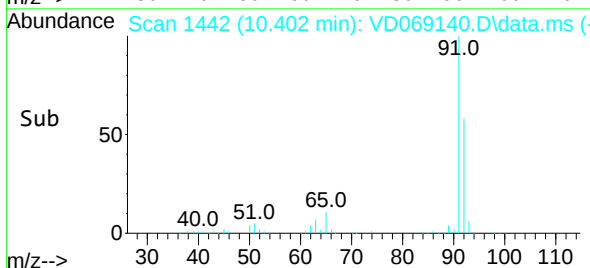
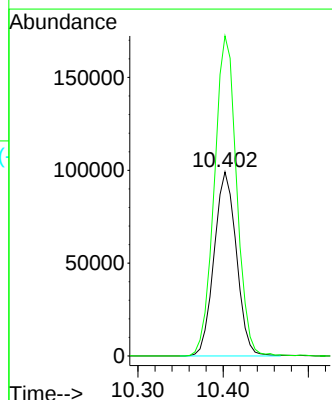
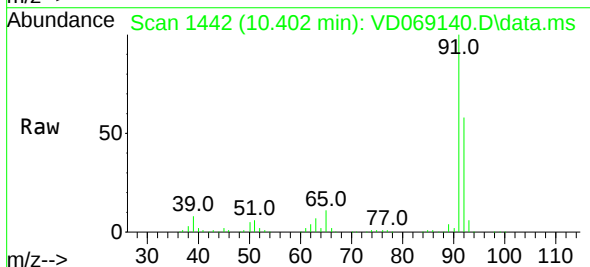
Manual Integrations
APPROVED

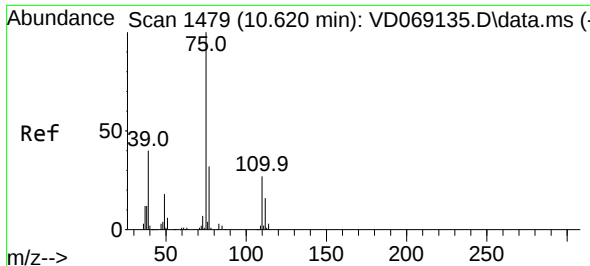
MMDadoda
5/13/2021 4:05:59 PM



#52
Toluene
Concen: 19.70 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 92 Resp: 180179
Ion Ratio Lower Upper
92 100
91 173.8 136.2 204.2





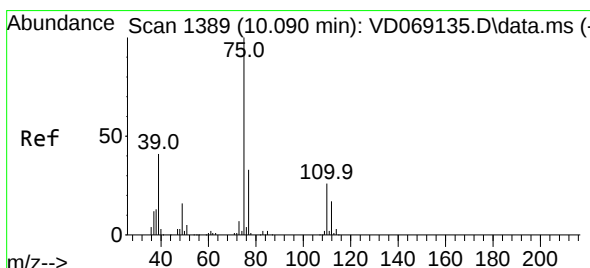
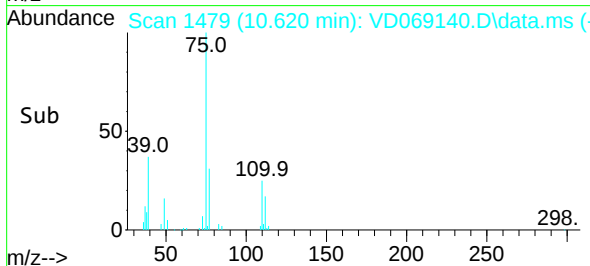
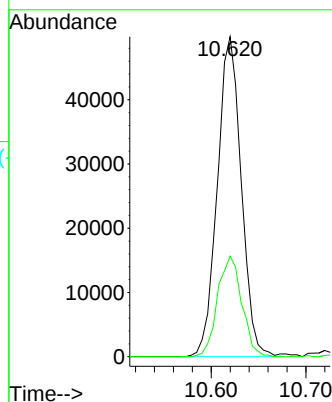
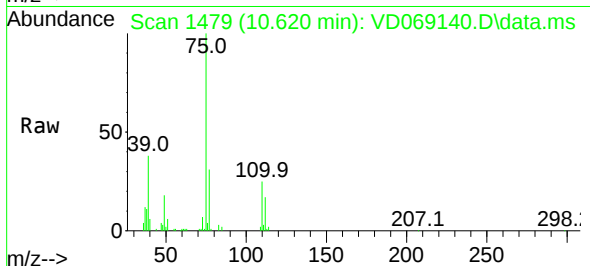
#53
t-1,3-Dichloropropene
Concen: 19.57 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 75 Resp: 87515
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

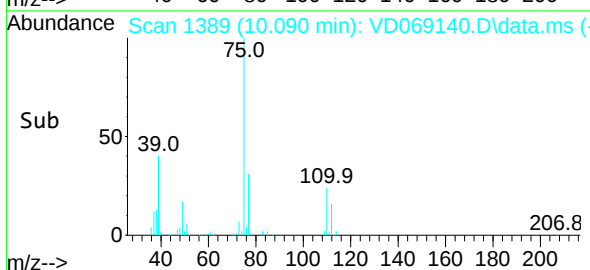
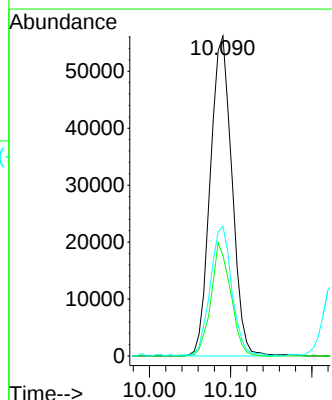
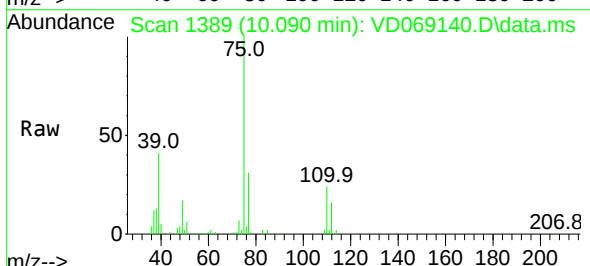
Manual Integrations
APPROVED

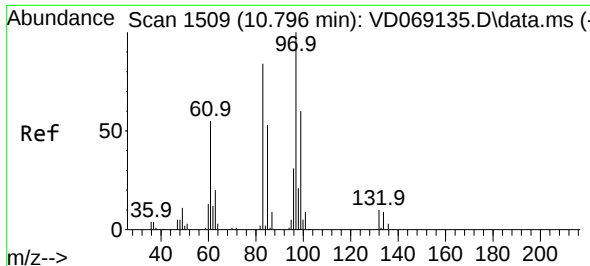
MMDadoda
5/13/2021 4:05:59 PM



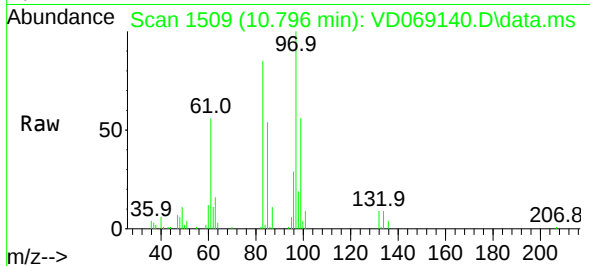
#54
cis-1,3-Dichloropropene
Concen: 19.50 ug/l
RT: 10.090 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 75 Resp: 104240
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.4
39 40.5 32.9 49.3

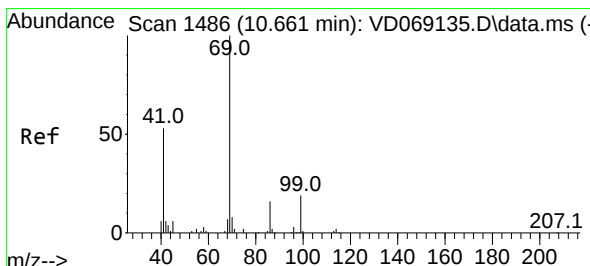
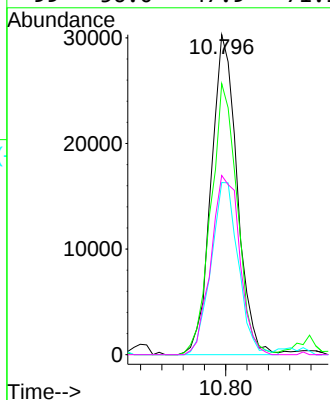
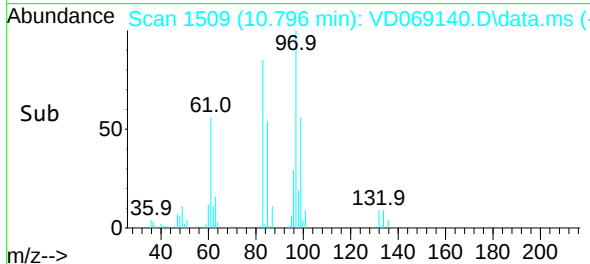




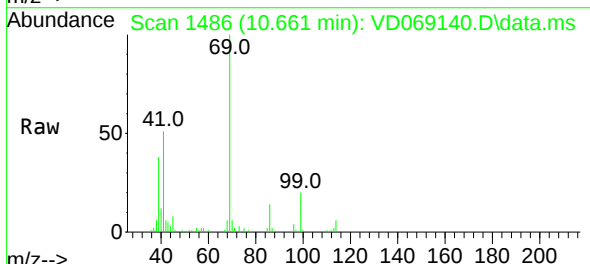
#55
1,1,2-Trichloroethane
Concen: 19.01 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



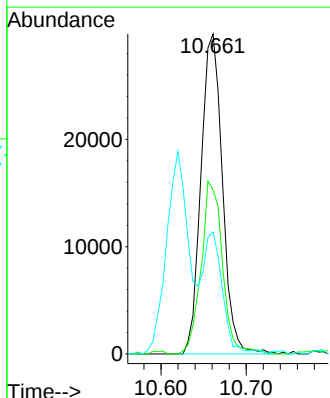
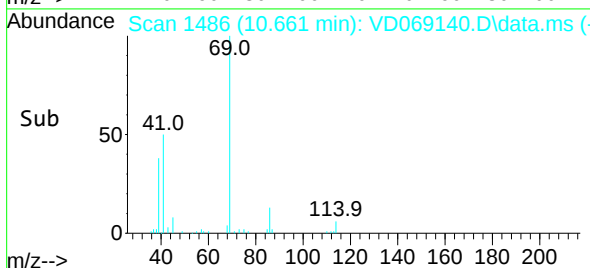
Tgt Ion:	97	Resp:	51245
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.9	100.3
85	53.8	42.2	63.4
99	56.0	47.9	71.9



#56
Ethyl methacrylate
Concen: 18.59 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



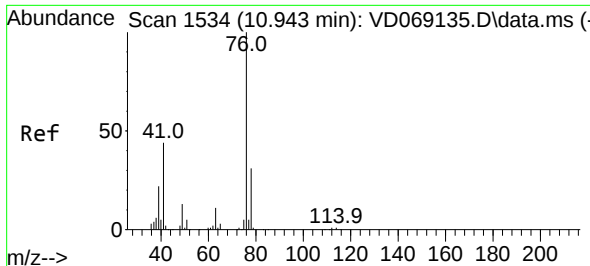
Tgt Ion:	69	Resp:	52167
Ion	Ratio	Lower	Upper
69	100		
41	53.8	42.2	63.2
39	31.9	26.3	39.5



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



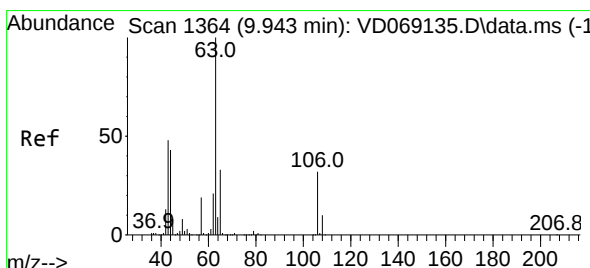
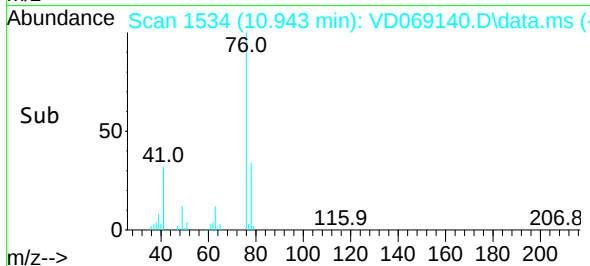
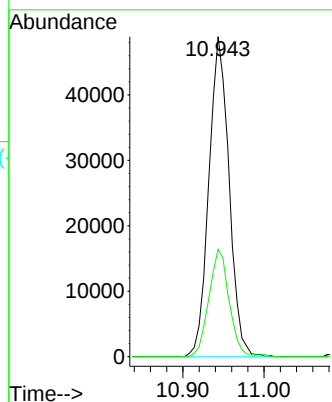
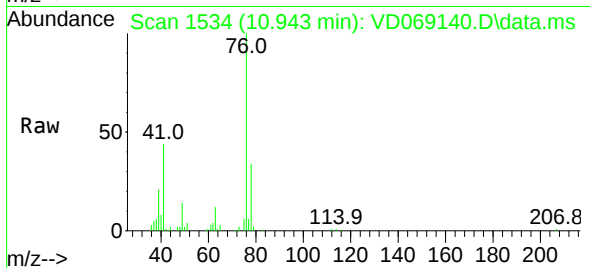
#57
1,3-Dichloropropane
Concen: 19.38 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 76 Resp: 84406
Ion Ratio Lower Upper
76 100
78 33.7 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

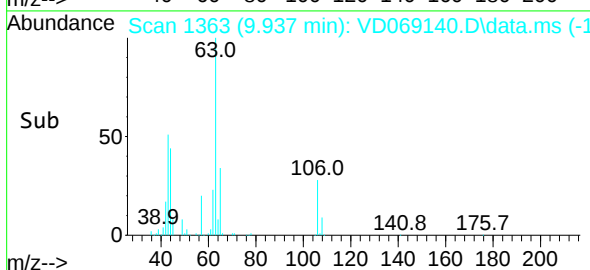
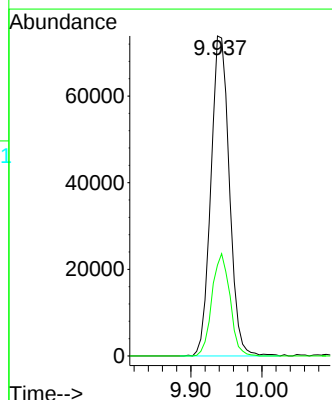
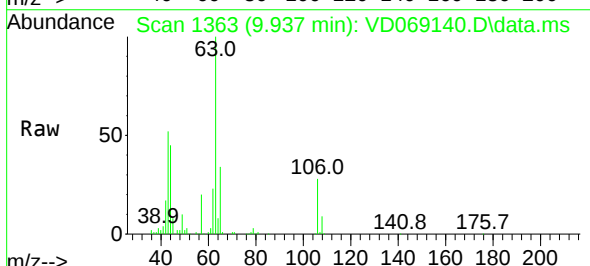
Manual Integrations
APPROVED

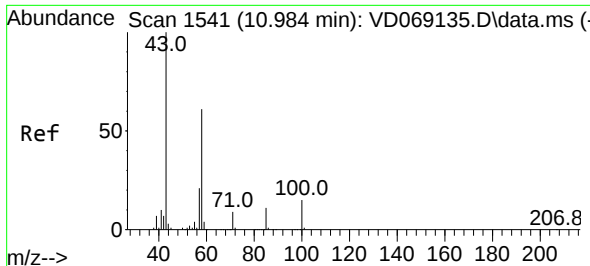
MMDadoda
5/13/2021 4:05:59 PM



#58
2-Chloroethyl Vinyl ether
Concen: 99.87 ug/l
RT: 9.937 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 63 Resp: 133266
Ion Ratio Lower Upper
63 100
106 31.1 25.3 37.9





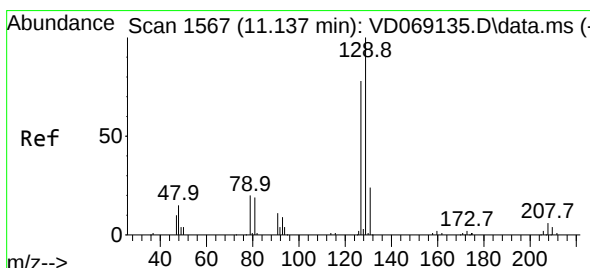
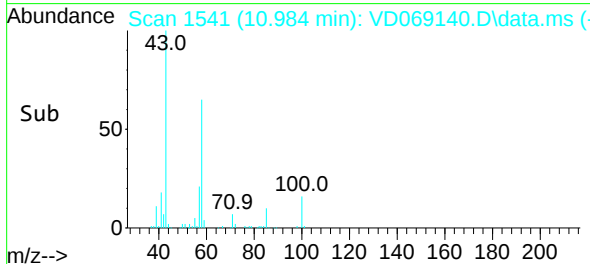
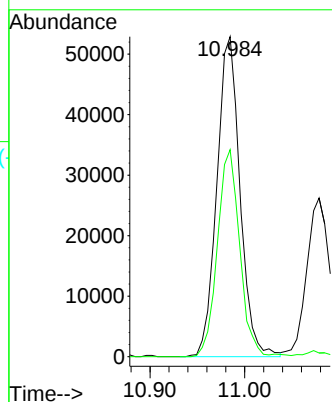
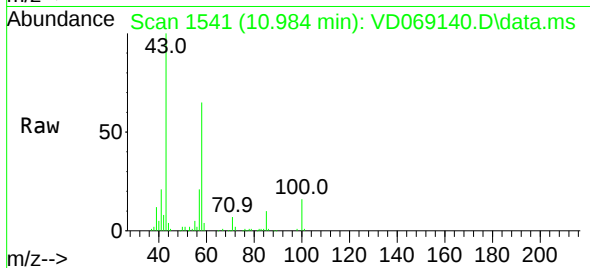
#59
2-Hexanone
Concen: 90.70 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 43 Resp: 89900
Ion Ratio Lower Upper
43 100
58 61.9 31.1 93.5

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

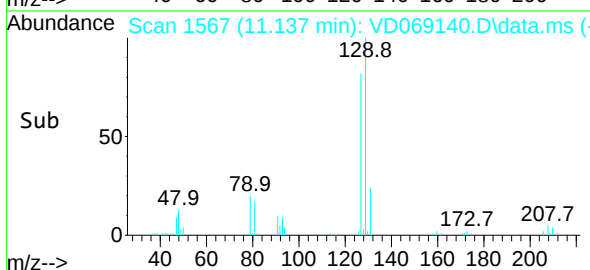
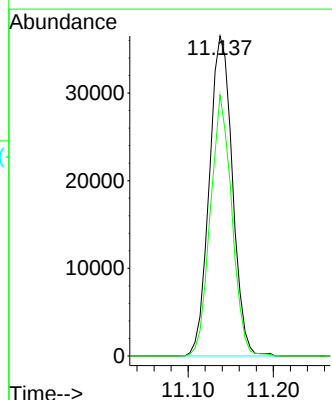
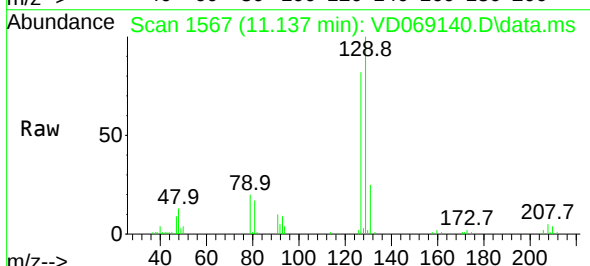
Manual Integrations
APPROVED

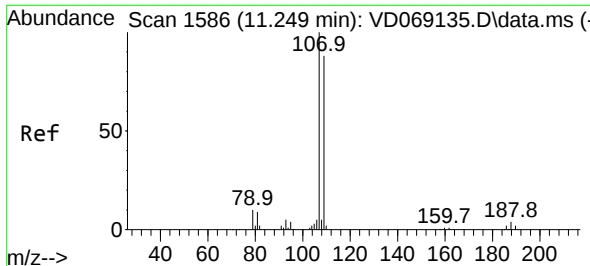
MMDadoda
5/13/2021 4:05:59 PM



#60
Dibromochloromethane
Concen: 19.85 ug/l
RT: 11.137 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

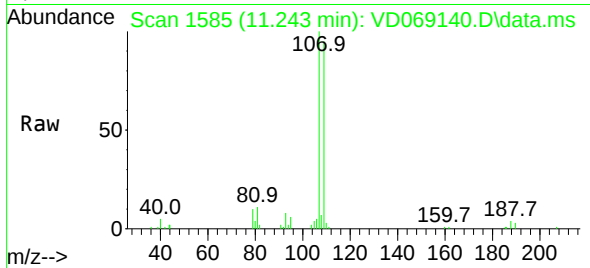
Tgt Ion: 129 Resp: 68709
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.18 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

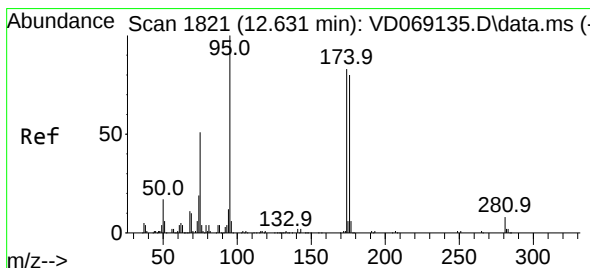
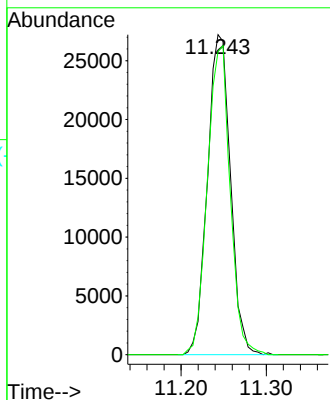
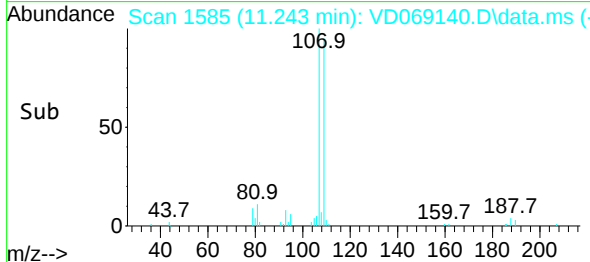
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



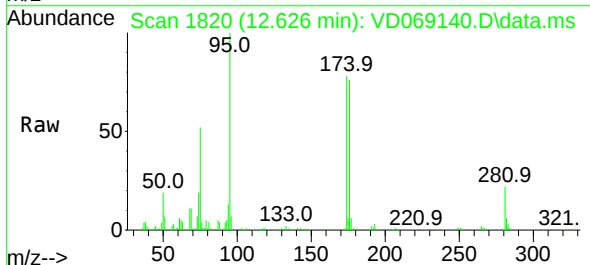
Tgt Ion:107 Resp: 51092
Ion Ratio Lower Upper
107 100
109 95.3 73.6 110.4

Manual Integrations
APPROVED

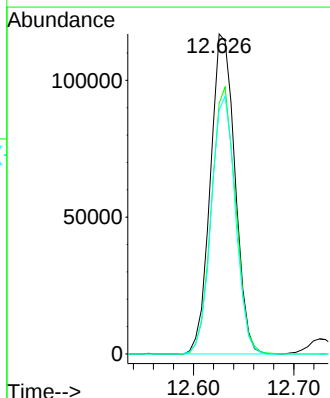
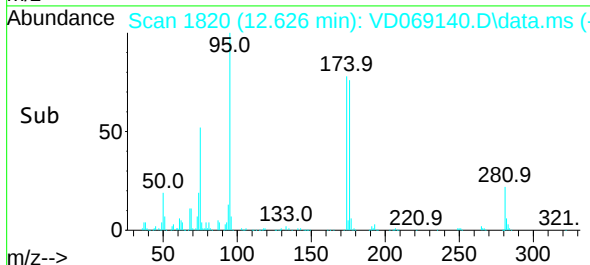
MMDadoda
5/13/2021 4:05:59 PM

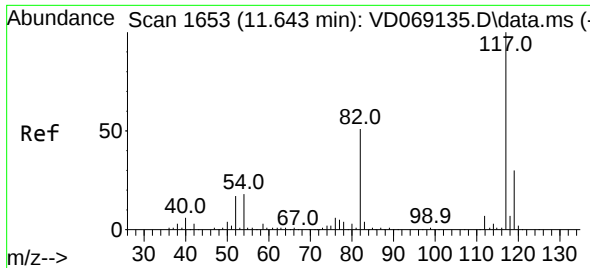


#62
4-Bromofluorobenzene
Concen: 50.80 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



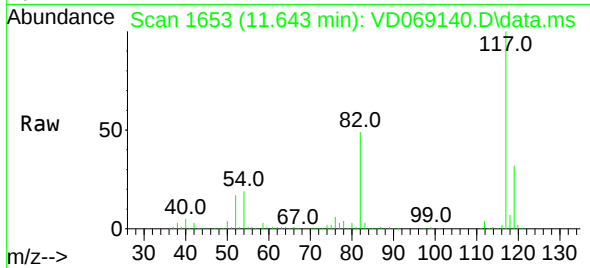
Tgt Ion: 95 Resp: 198946
Ion Ratio Lower Upper
95 100
174 81.8 0.0 171.8
176 79.2 0.0 165.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

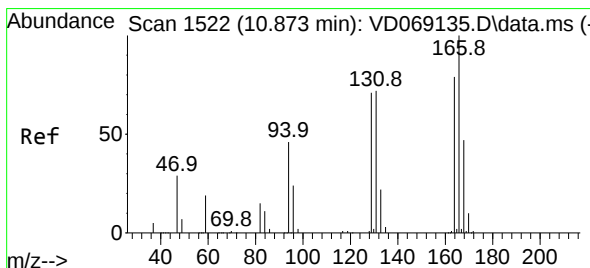
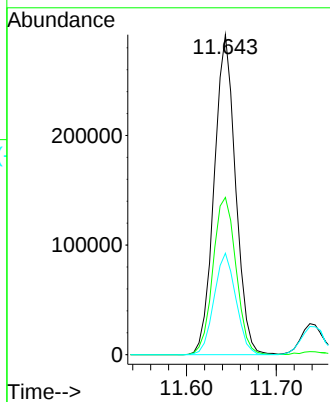
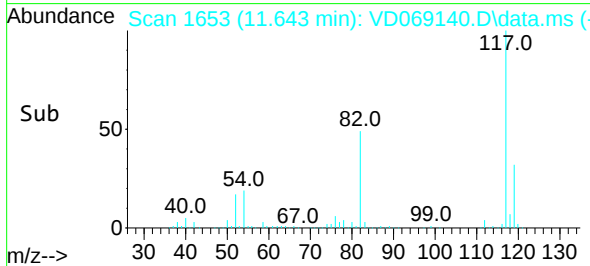
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



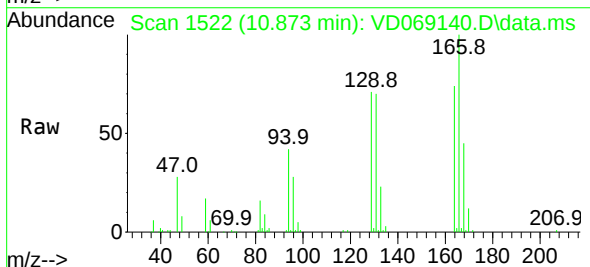
Tgt Ion:117 Resp: 482952
Ion Ratio Lower Upper
117 100
82 49.1 40.5 60.7
119 31.7 24.2 36.4

Manual Integrations
APPROVED

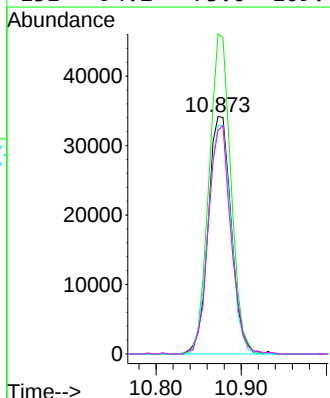
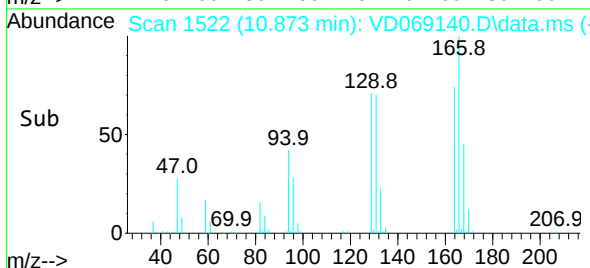
MMDadoda
5/13/2021 4:05:59 PM

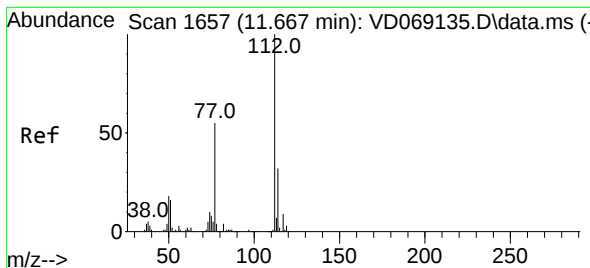


#64
Tetrachloroethene
Concen: 19.13 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



Tgt Ion:164 Resp: 64219
Ion Ratio Lower Upper
164 100
166 134.8 101.7 152.5
129 96.0 72.6 109.0
131 94.2 73.0 109.4





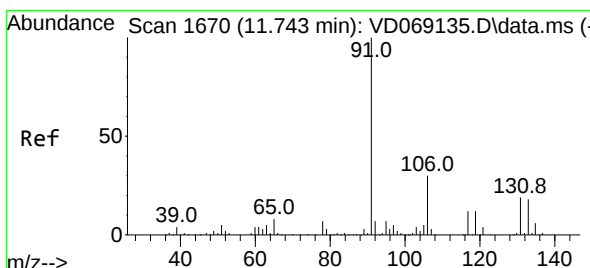
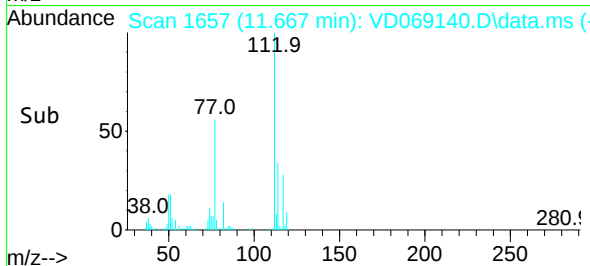
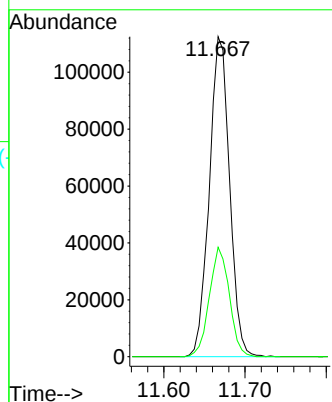
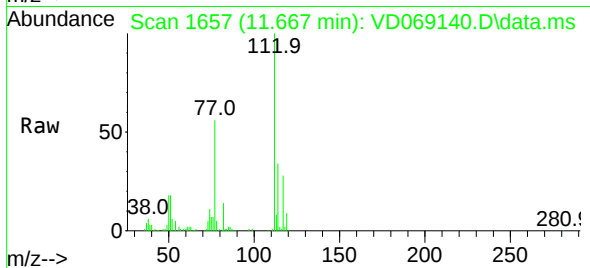
#65
Chlorobenzene
Concen: 19.48 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion:112 Resp: 194987
Ion Ratio Lower Upper
112 100
114 34.2 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

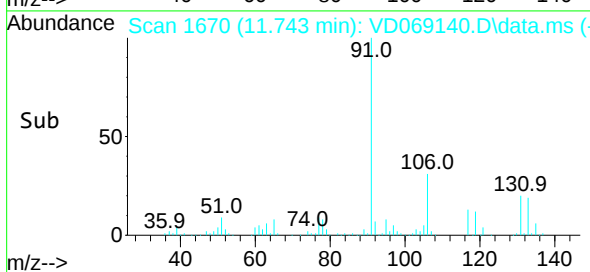
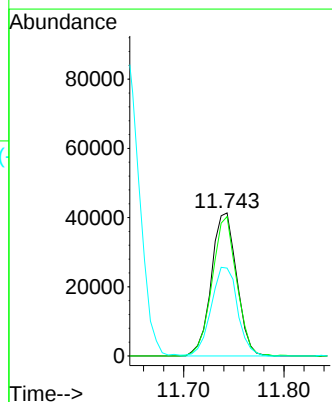
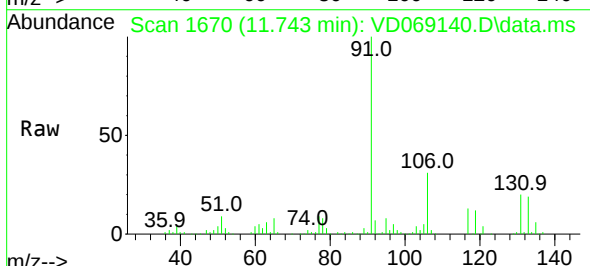
Manual Integrations
APPROVED

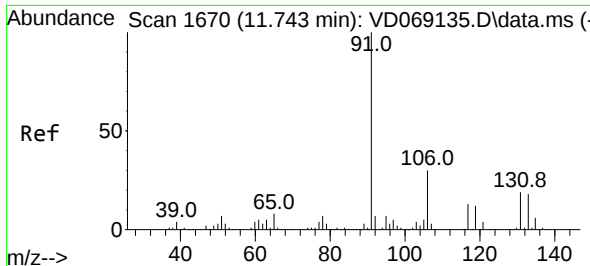
MMDadoda
5/13/2021 4:05:59 PM



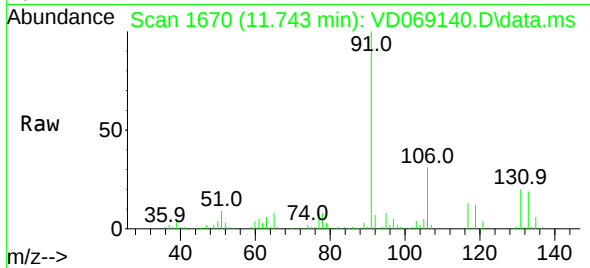
#66
1,1,1,2-Tetrachloroethane
Concen: 19.23 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion:131 Resp: 72597
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 64.7 32.1 96.5

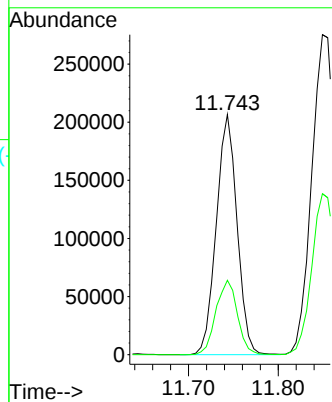
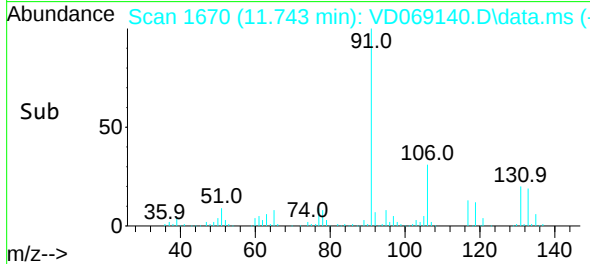




#67
Ethyl Benzene
Concen: 19.26 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



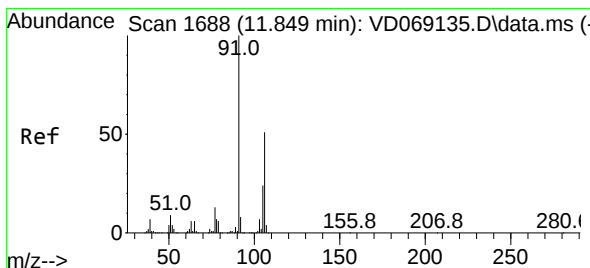
Tgt Ion: 91 Resp: 331761
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0



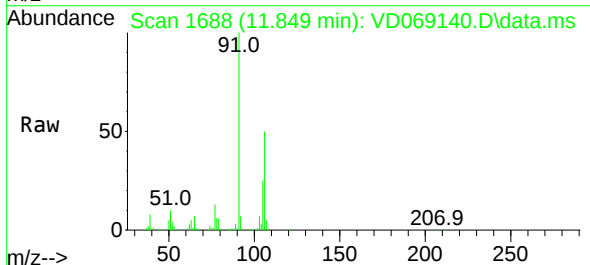
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Manual Integrations
APPROVED

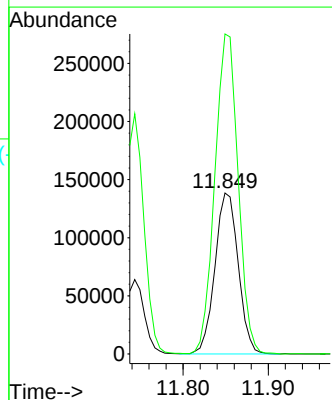
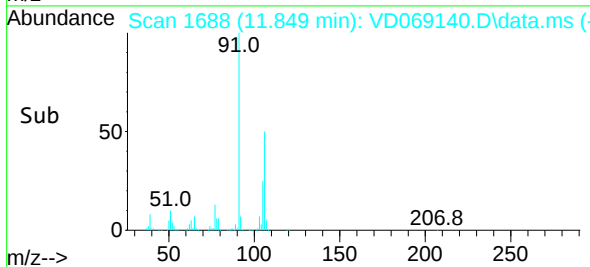
MMDadoda
5/13/2021 4:05:59 PM

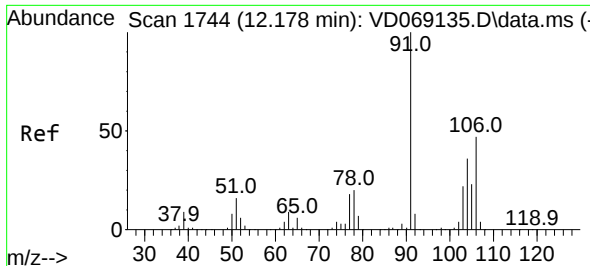


#68
m/p-Xylenes
Concen: 38.97 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



Tgt Ion:106 Resp: 263047
Ion Ratio Lower Upper
106 100
91 198.9 157.3 235.9





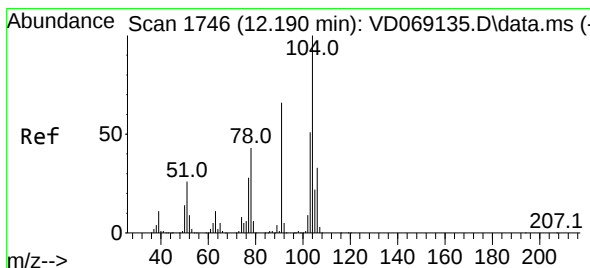
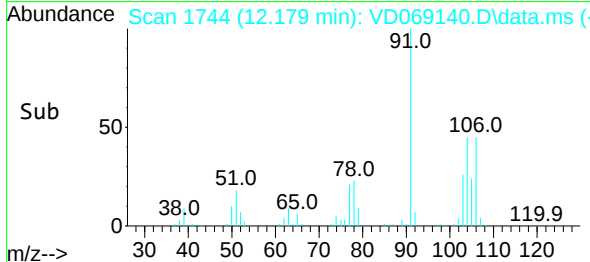
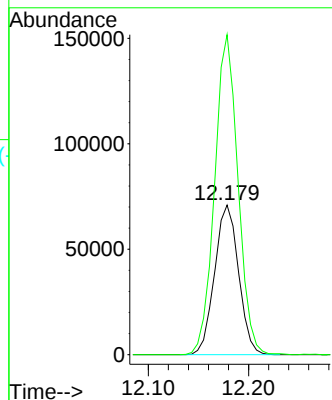
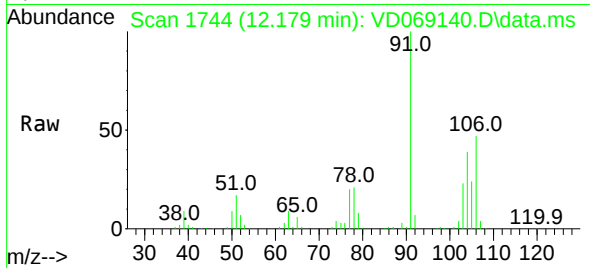
#69
o-Xylene
Concen: 19.58 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion:106 Resp: 117568
Ion Ratio Lower Upper
106 100
91 208.8 104.8 314.6

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

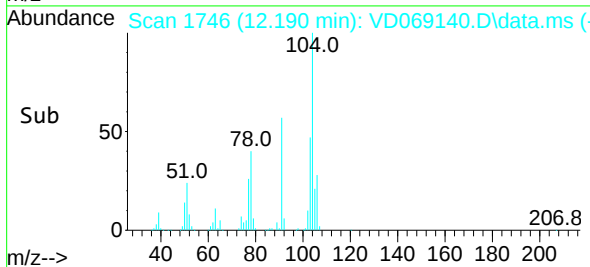
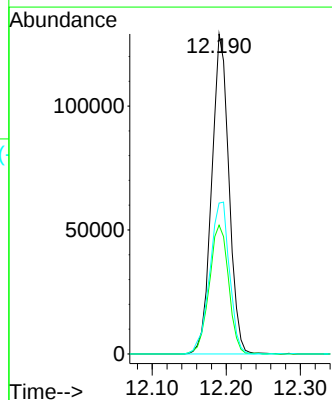
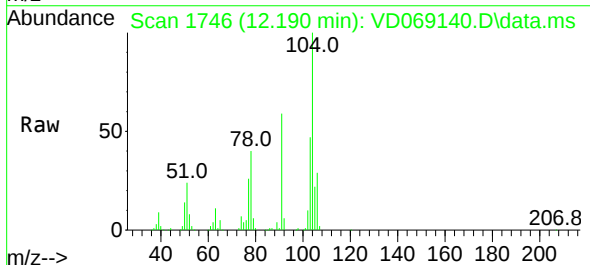
Manual Integrations
APPROVED

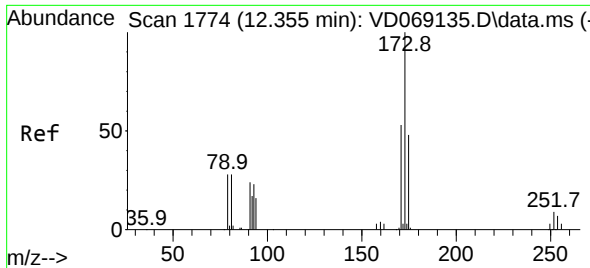
MMDadoda
5/13/2021 4:05:59 PM



#70
Styrene
Concen: 19.92 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

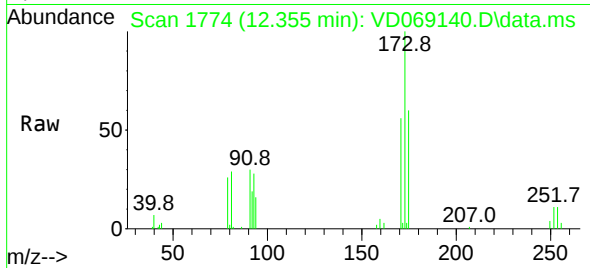
Tgt Ion:104 Resp: 208785
Ion Ratio Lower Upper
104 100
78 45.1 37.8 56.6
103 54.2 44.8 67.2





#71
Bromoform
Concen: 18.47 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

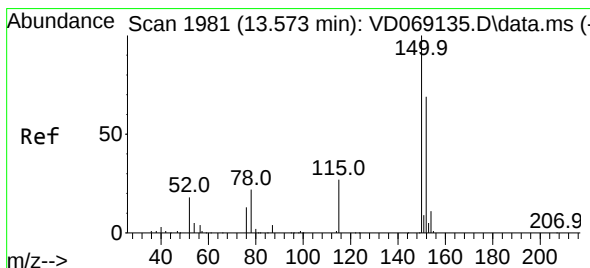
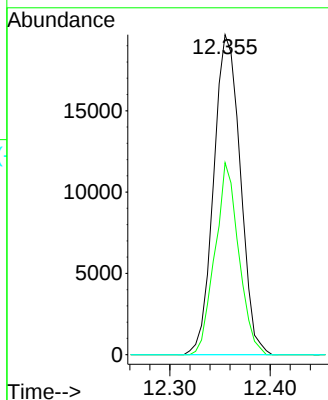
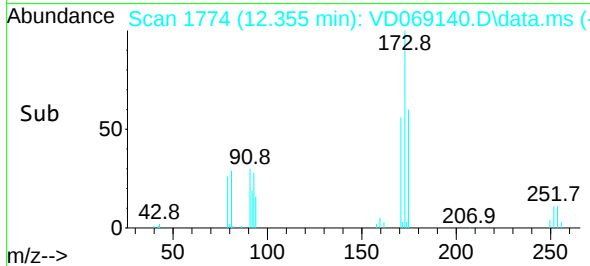
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



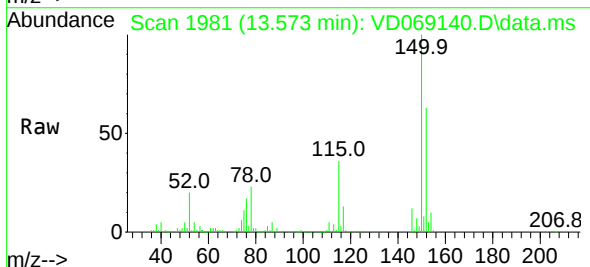
Tgt Ion:173 Resp: 36260
Ion Ratio Lower Upper
173 100
175 53.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

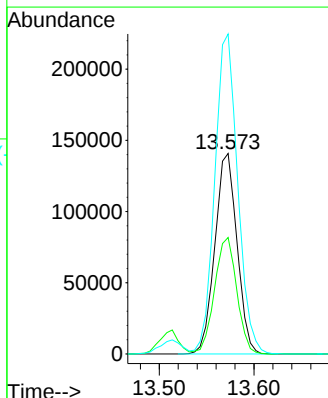
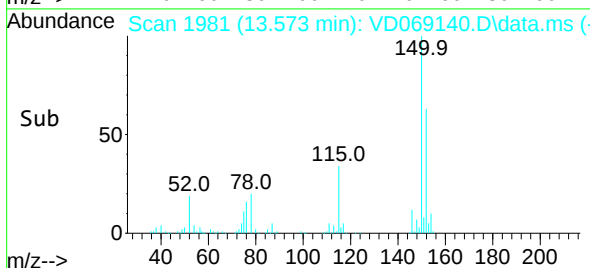
MMDadoda
5/13/2021 4:05:59 PM

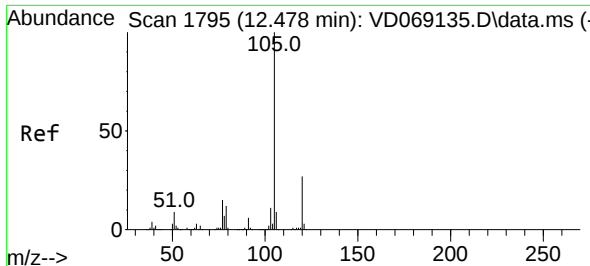


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



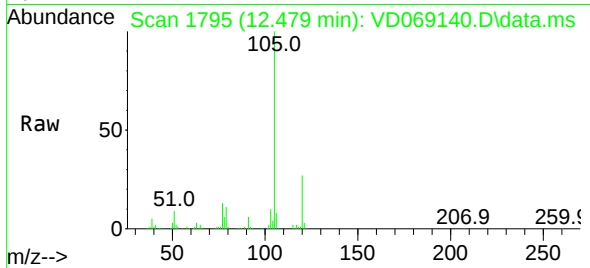
Tgt Ion:152 Resp: 228632
Ion Ratio Lower Upper
152 100
115 58.5 29.9 89.8
150 165.1 0.0 350.2





#73
Isopropylbenzene
Concen: 20.88 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

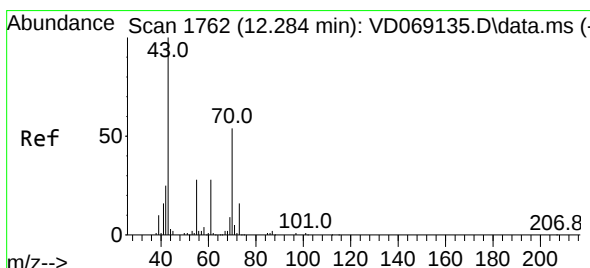
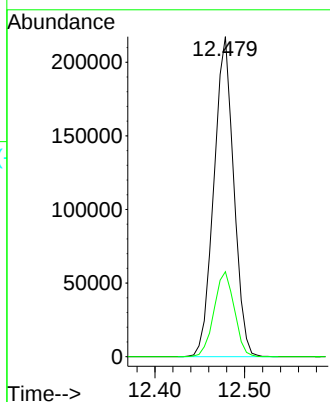
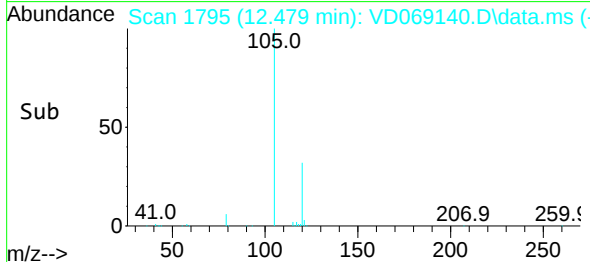
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



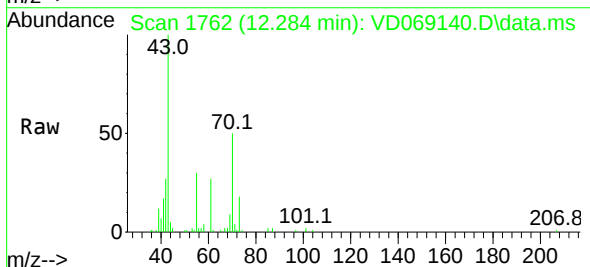
Tgt Ion:105 Resp: 333687
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

Manual Integrations
APPROVED

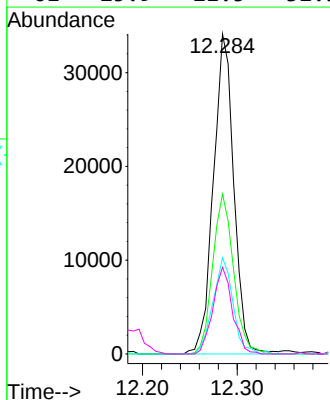
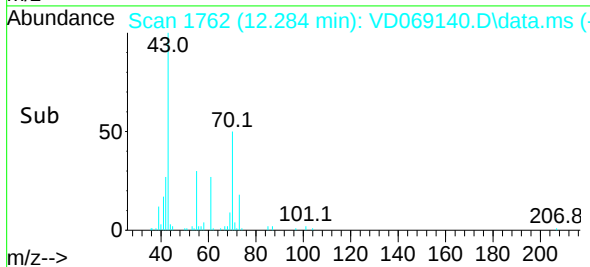
MMDadoda
5/13/2021 4:05:59 PM

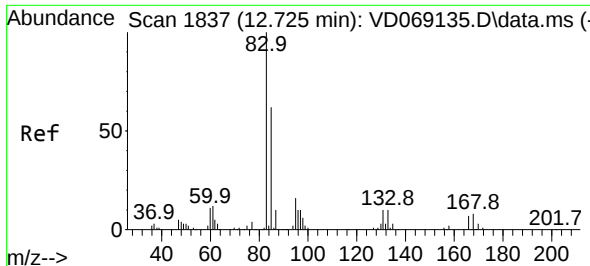


#74
N-ethyl acetate
Concen: 19.56 ug/l
RT: 12.284 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



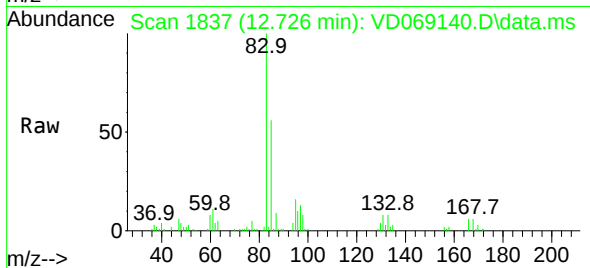
Tgt Ion: 43 Resp: 51109
Ion Ratio Lower Upper
43 100
70 51.1 41.6 62.4
55 29.3 22.6 34.0
61 25.9 21.5 32.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.72 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

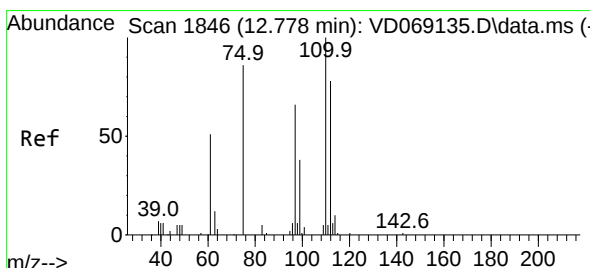
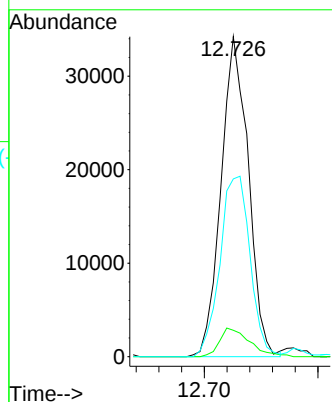
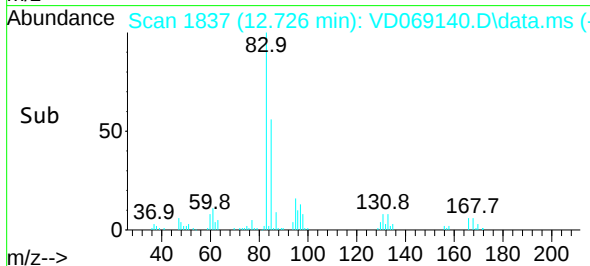
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



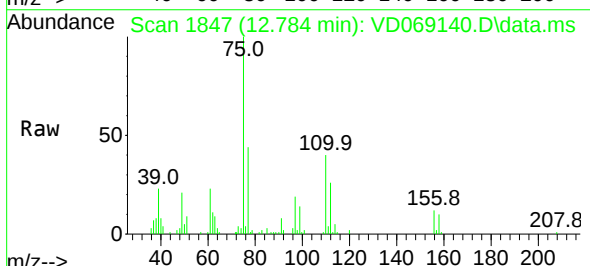
Tgt Ion: 83 Resp: 57105
Ion Ratio Lower Upper
83 100
131 9.9 5.4 16.2
85 62.2 31.9 95.5

Manual Integrations
APPROVED

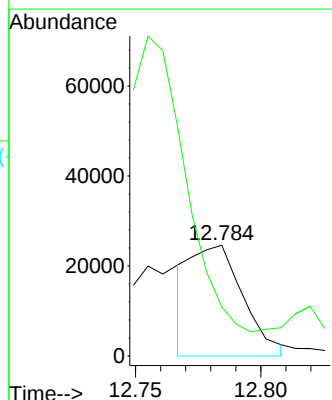
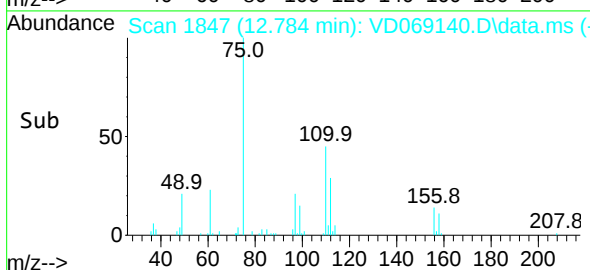
MMDadoda
5/13/2021 4:05:59 PM

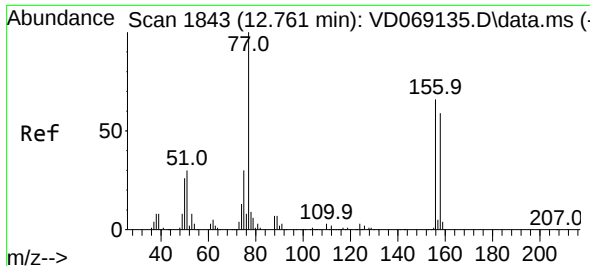


#76
1,2,3-Trichloropropane
Concen: 21.04 ug/l m
RT: 12.784 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



Tgt Ion: 75 Resp: 36162
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





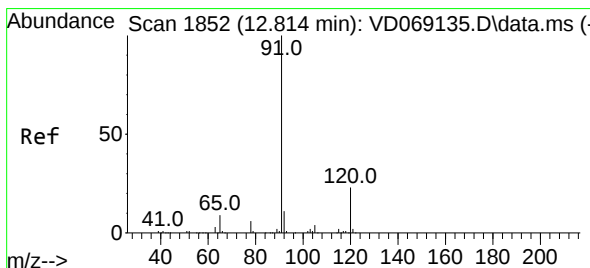
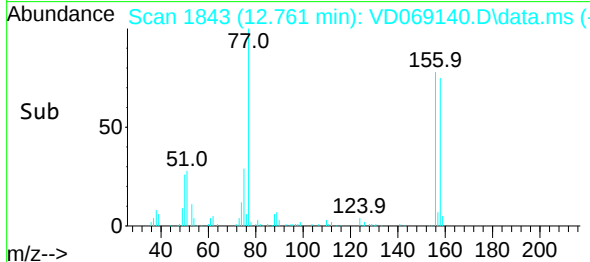
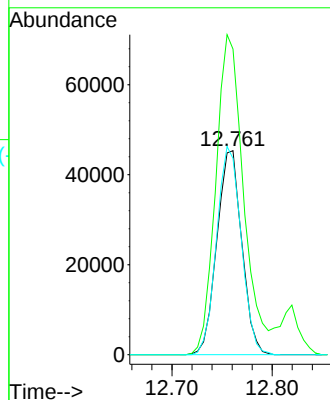
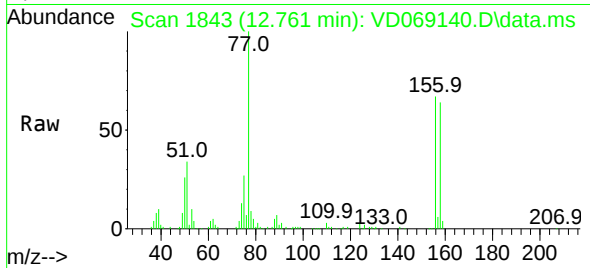
#77
Bromobenzene
Concen: 20.62 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion	Ratio	Lower	Upper
156	100		
77	174.0	85.8	257.3
158	100.8	47.8	143.4

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

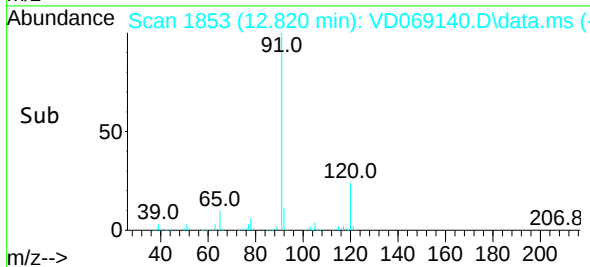
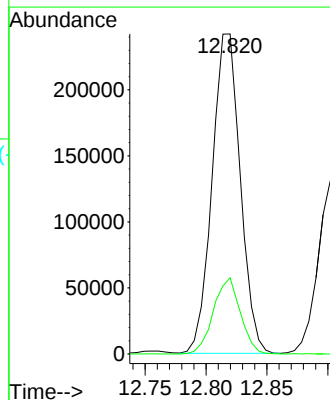
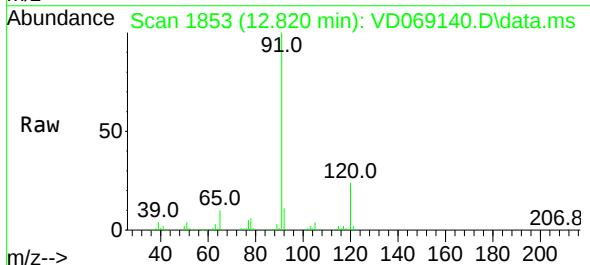
Manual Integrations
APPROVED

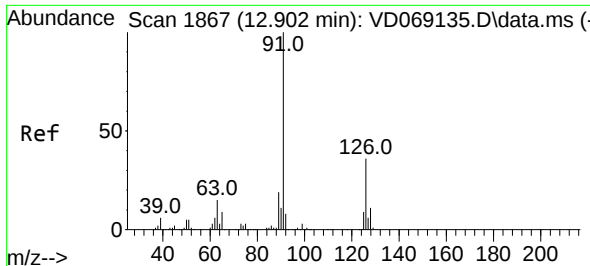
MMDadoda
5/13/2021 4:05:59 PM



#78
n-propylbenzene
Concen: 20.19 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.6	34.7





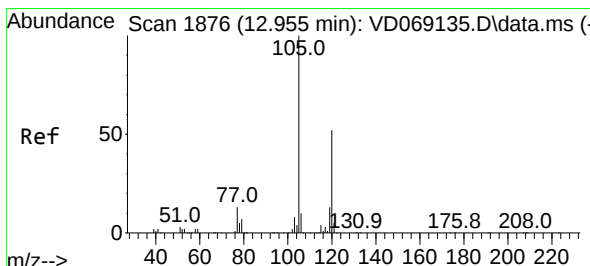
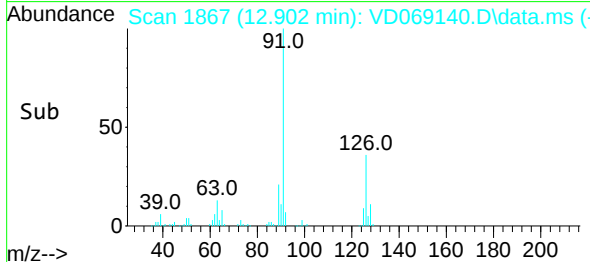
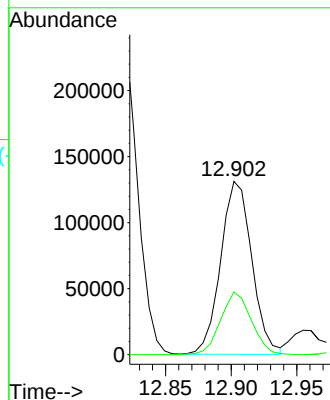
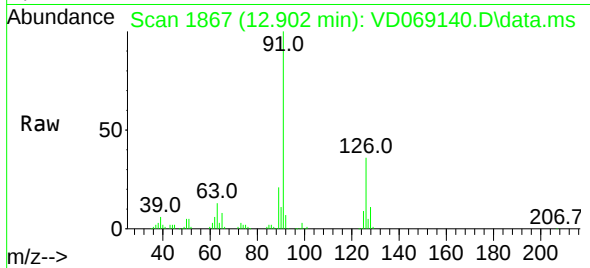
#79
2-Chlorotoluene
Concen: 20.20 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 91 Resp: 216745
Ion Ratio Lower Upper
91 100
126 35.7 18.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

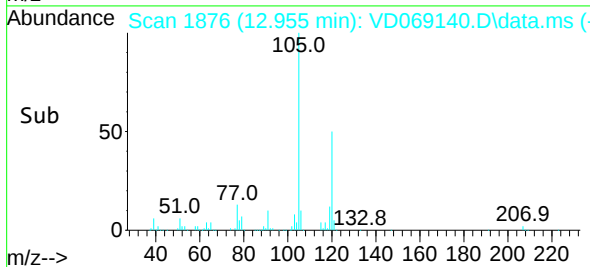
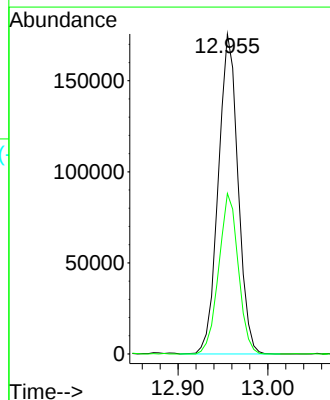
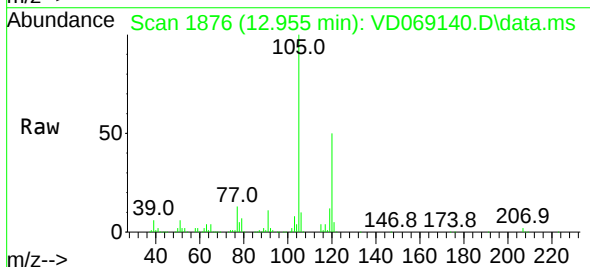
Manual Integrations
APPROVED

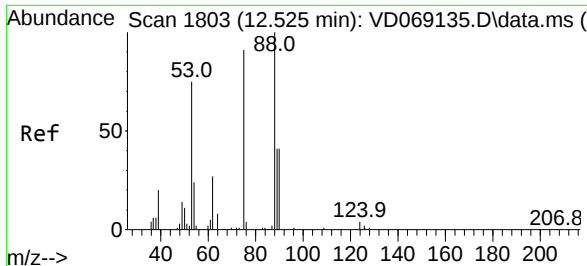
MMDadoda
5/13/2021 4:05:59 PM



#80
1,3,5-Trimethylbenzene
Concen: 20.34 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

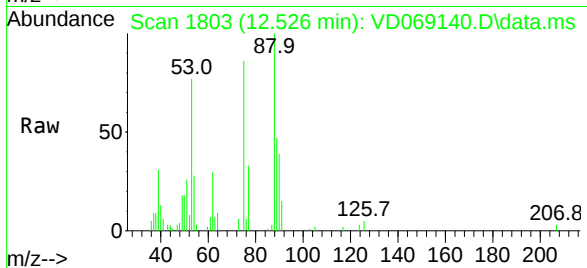
Tgt Ion: 105 Resp: 267934
Ion Ratio Lower Upper
105 100
120 49.6 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.51 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

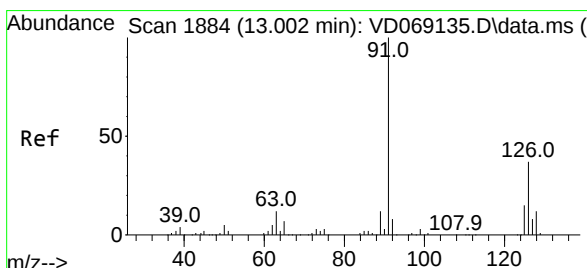
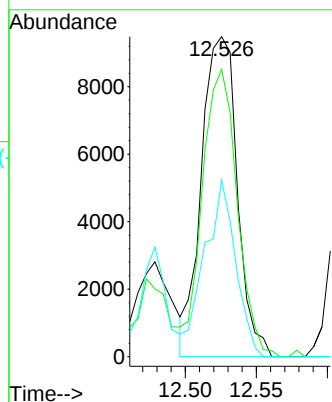
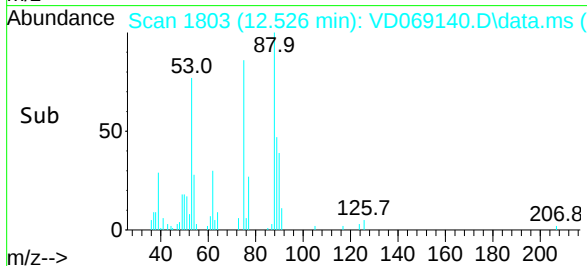
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



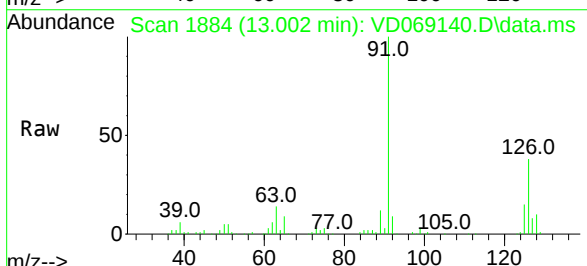
Tgt Ion	Ratio	Lower	Upper
75	100		
53	87.3	70.0	105.0
89	47.9	40.2	60.2

Manual Integrations
APPROVED

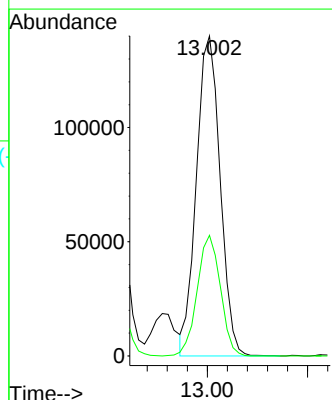
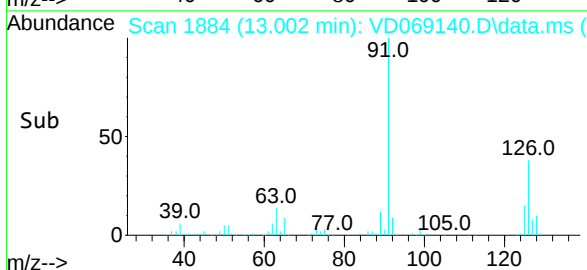
MMDadoda
5/13/2021 4:05:59 PM

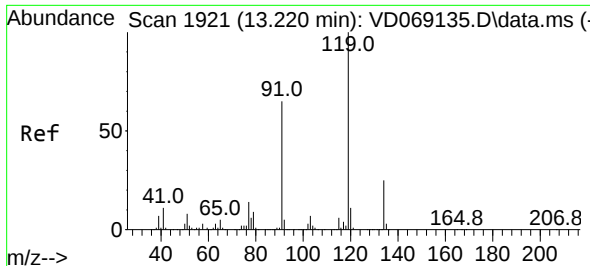


#82
4-Chlorotoluene
Concen: 20.18 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



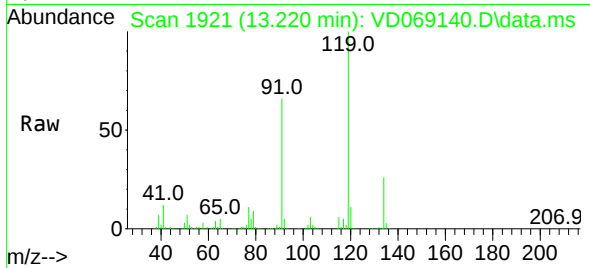
Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.9	17.7	53.1





#83
tert-Butylbenzene
Concen: 20.32 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

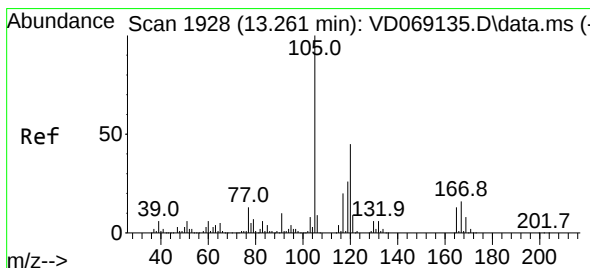
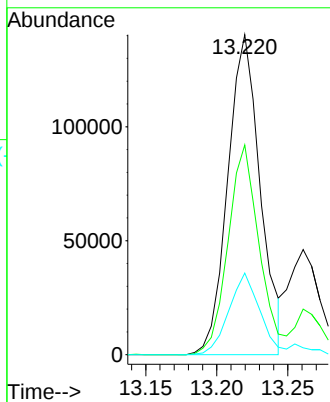
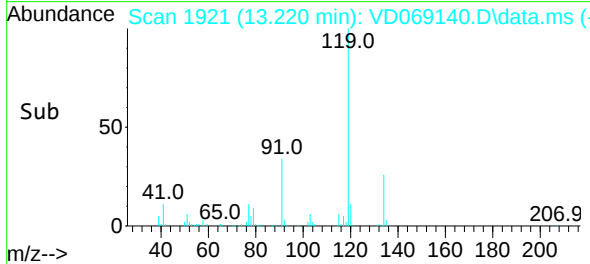
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



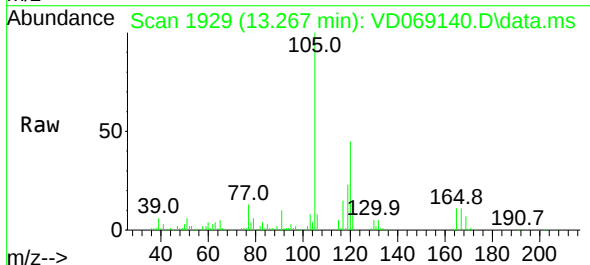
Tgt Ion:119 Resp: 223122
Ion Ratio Lower Upper
119 100
91 63.5 32.5 97.4
134 24.4 13.8 41.3

Manual Integrations
APPROVED

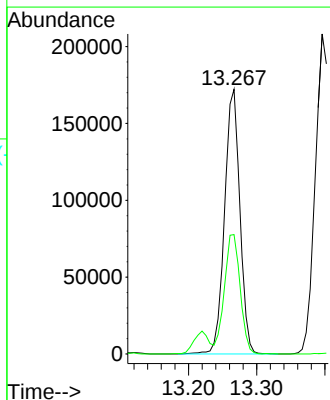
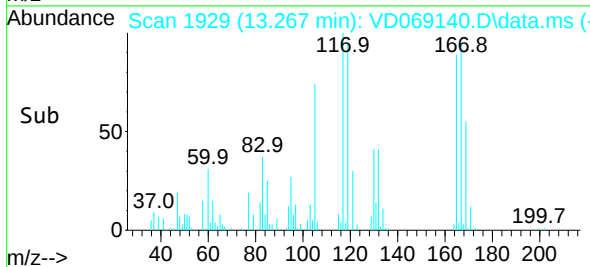
MMDadoda
5/13/2021 4:05:59 PM

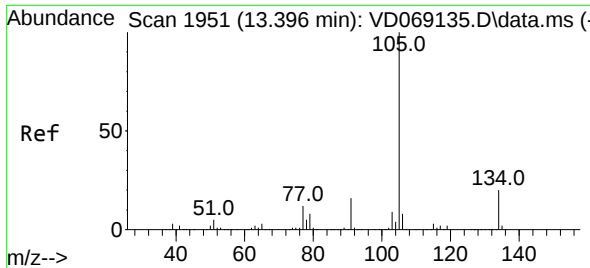


#84
1,2,4-Trimethylbenzene
Concen: 20.33 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



Tgt Ion:105 Resp: 269467
Ion Ratio Lower Upper
105 100
120 46.4 22.8 68.4





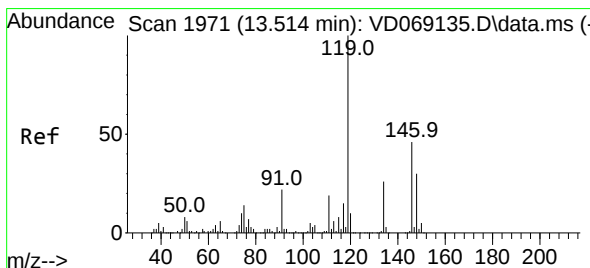
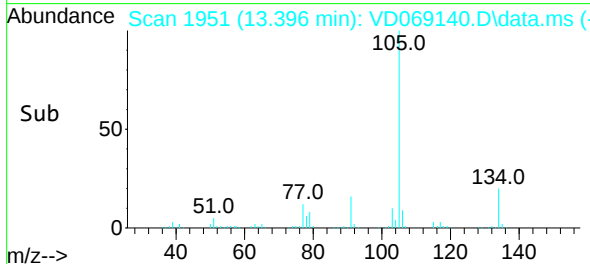
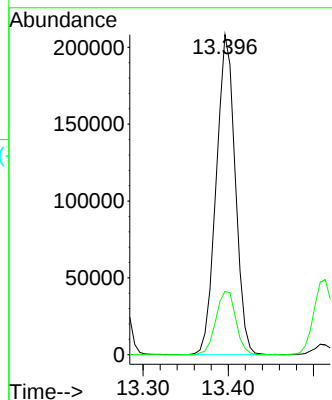
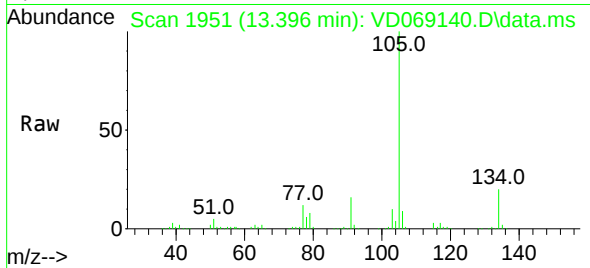
#85
 sec-Butylbenzene
 Concen: 19.58 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069140.D
 Acq: 12 May 2021 17:04

Tgt Ion:105 Resp: 323207
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS01

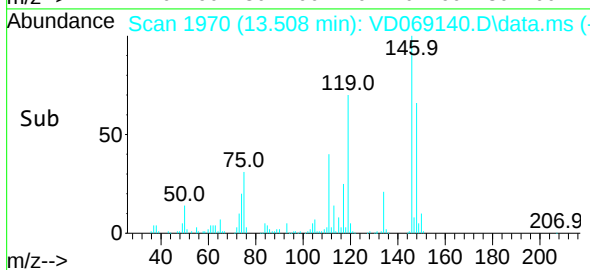
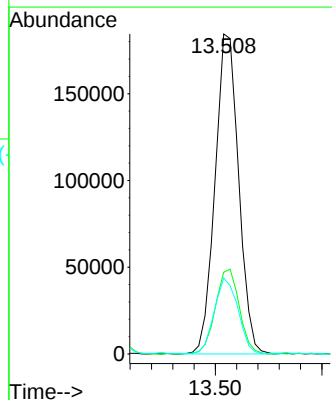
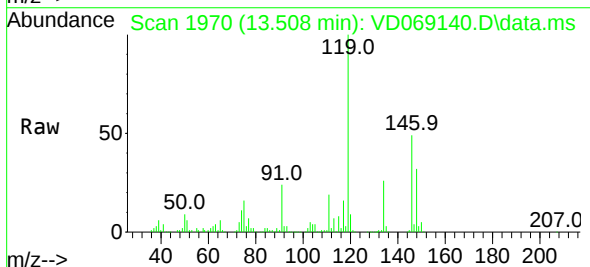
Manual Integrations
 APPROVED

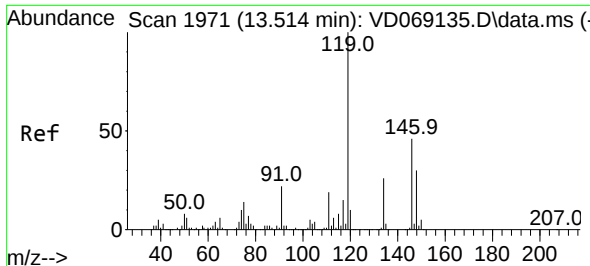
MMDadoda
 5/13/2021 4:05:59 PM



#86
 p-Isopropyltoluene
 Concen: 19.54 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.006 min
 Lab File: VD069140.D
 Acq: 12 May 2021 17:04

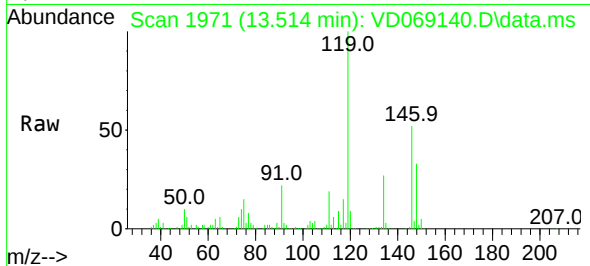
Tgt Ion:119 Resp: 283449
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 23.5 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.88 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

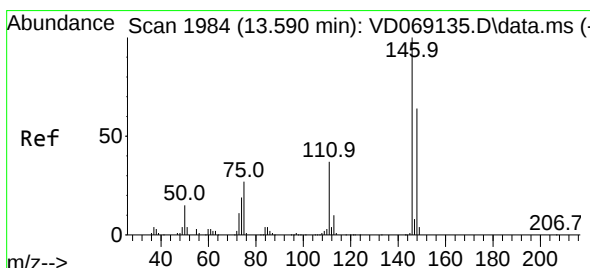
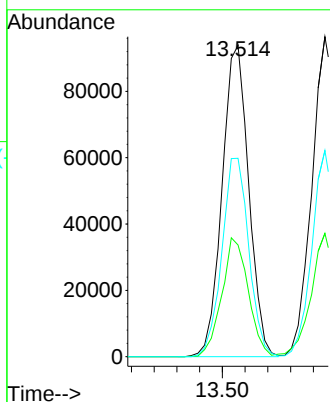
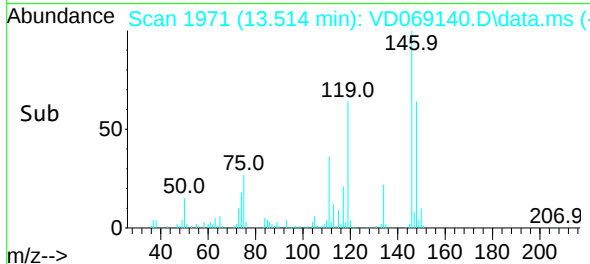
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



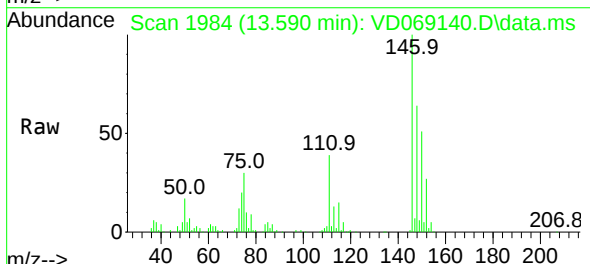
Tgt Ion:146 Resp: 152532
Ion Ratio Lower Upper
146 100
111 38.1 19.9 59.6
148 64.4 31.6 94.8

Manual Integrations
APPROVED

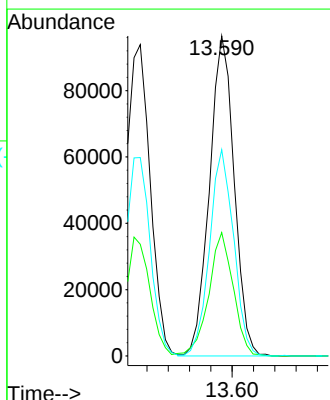
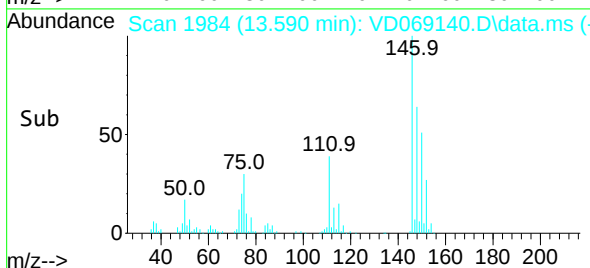
MMDadoda
5/13/2021 4:05:59 PM

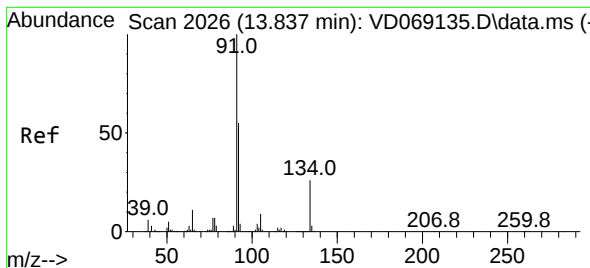


#88
1,4-Dichlorobenzene
Concen: 20.43 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



Tgt Ion:146 Resp: 155329
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.2
148 62.9 32.4 97.0





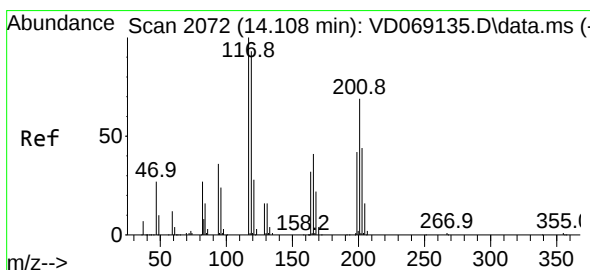
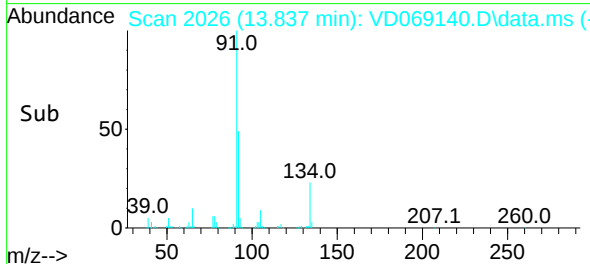
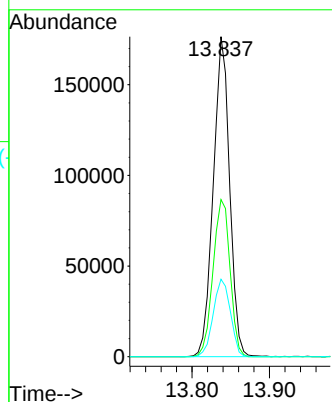
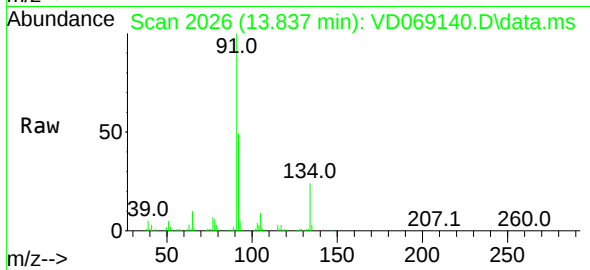
#89
n-Butylbenzene
Concen: 19.19 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 91 Resp: 259341
Ion Ratio Lower Upper
91 100
92 51.1 26.5 79.5
134 25.4 13.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

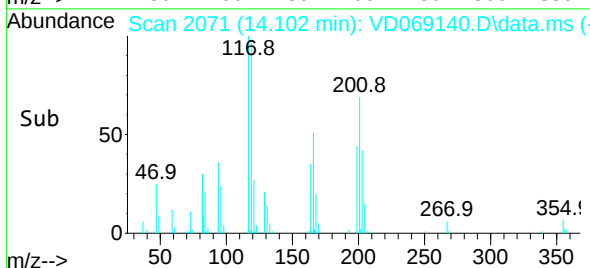
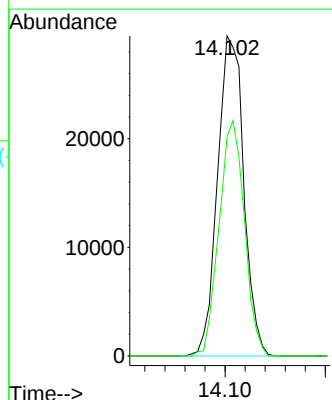
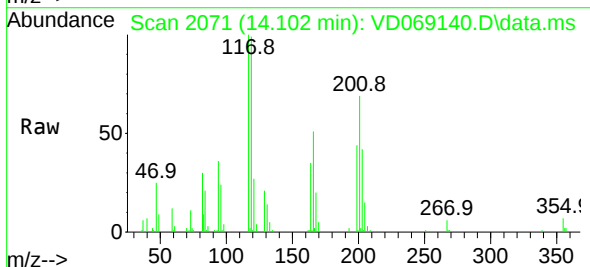
Manual Integrations
APPROVED

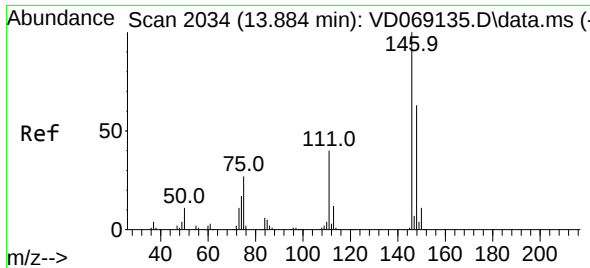
MMDadoda
5/13/2021 4:05:59 PM



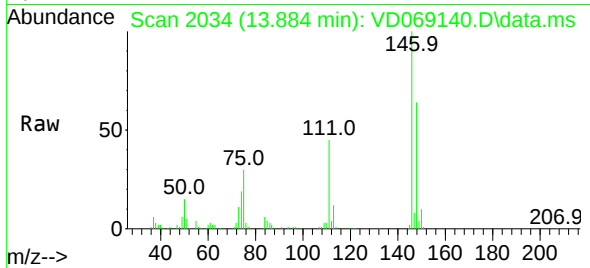
#90
Hexachloroethane
Concen: 19.61 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

Tgt Ion: 117 Resp: 53313
Ion Ratio Lower Upper
117 100
201 71.2 35.4 106.1

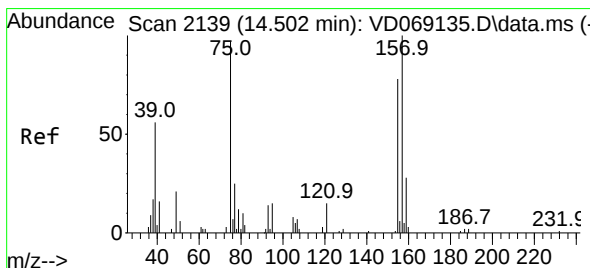
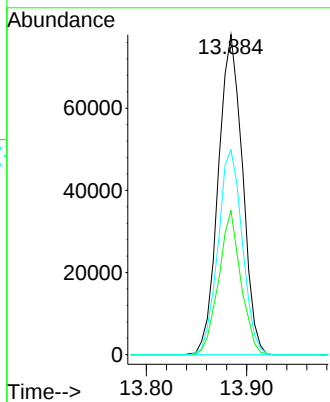
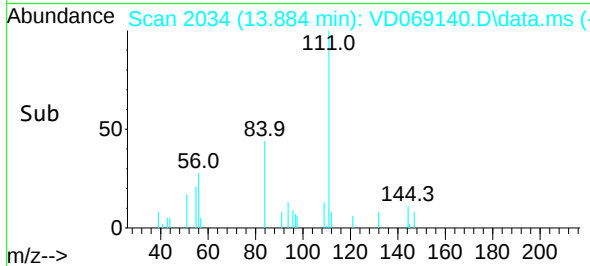




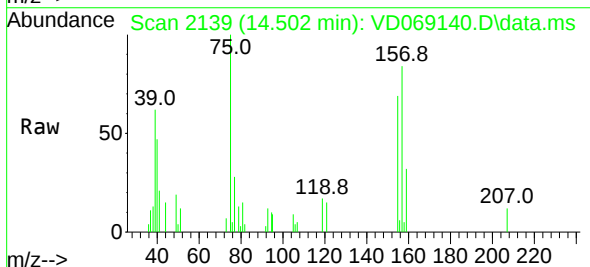
#91
1,2-Dichlorobenzene
Concen: 19.74 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



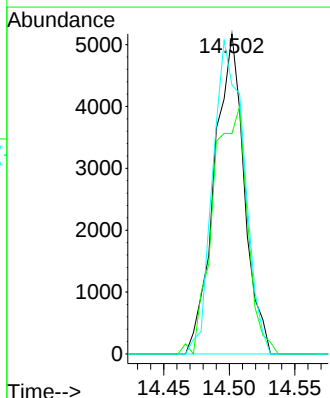
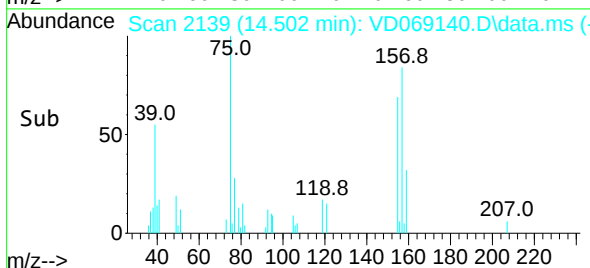
Tgt Ion:146 Resp: 130106
Ion Ratio Lower Upper
146 100
111 41.2 20.3 61.0
148 64.4 31.3 93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.15 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



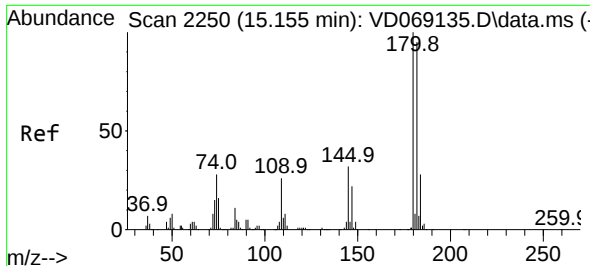
Tgt Ion: 75 Resp: 8158
Ion Ratio Lower Upper
75 100
155 89.3 43.9 131.7
157 103.0 54.9 164.7



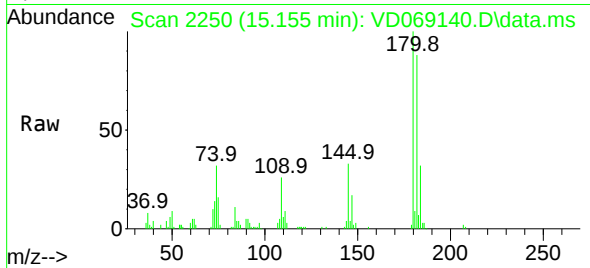
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

Manual Integrations
APPROVED

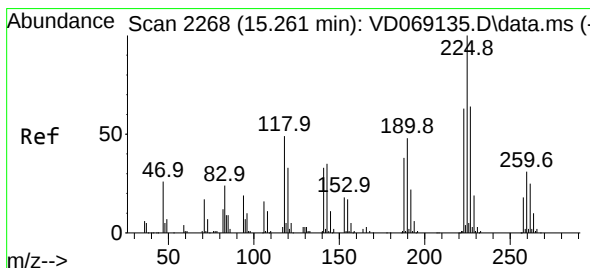
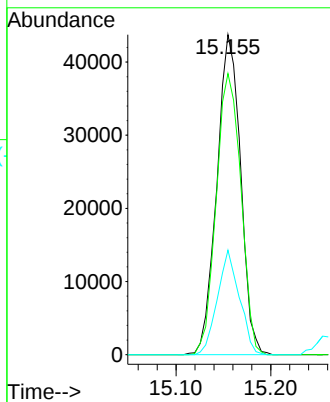
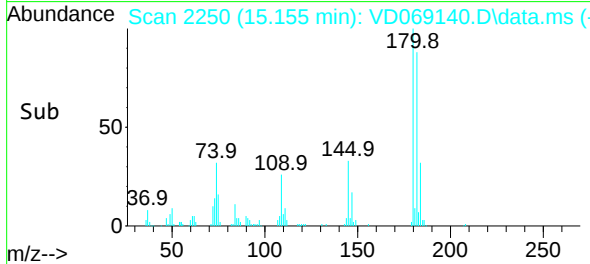
MMDadoda
5/13/2021 4:05:59 PM



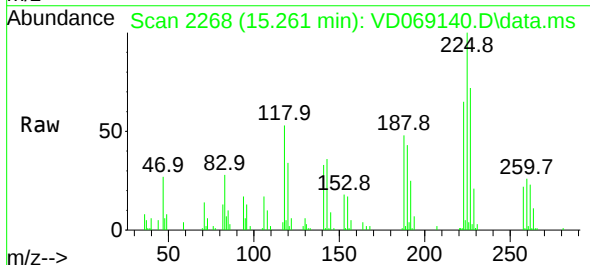
#93
1,2,4-Trichlorobenzene
Concen: 18.88 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



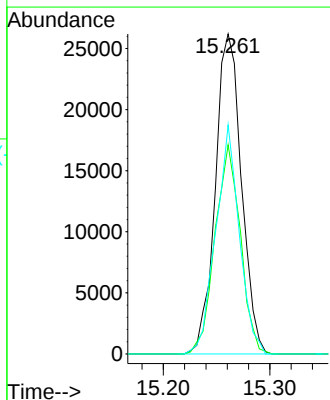
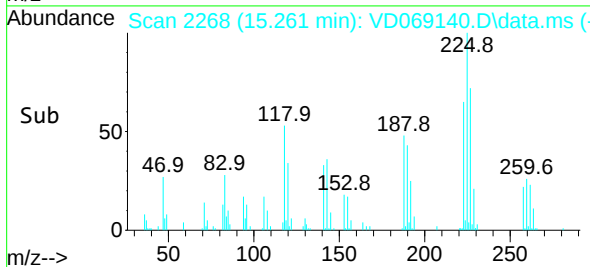
Tgt Ion:180 Resp: 76242
Ion Ratio Lower Upper
180 100
182 91.2 47.8 143.3
145 30.3 15.6 46.8



#94
Hexachlorobutadiene
Concen: 18.37 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



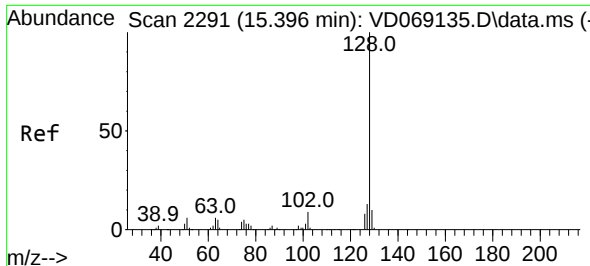
Tgt Ion:225 Resp: 44518
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.5
227 64.7 31.6 95.0



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01

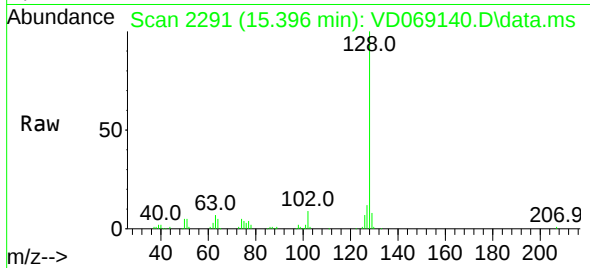
Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



#95
Naphthalene
Concen: 17.98 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04

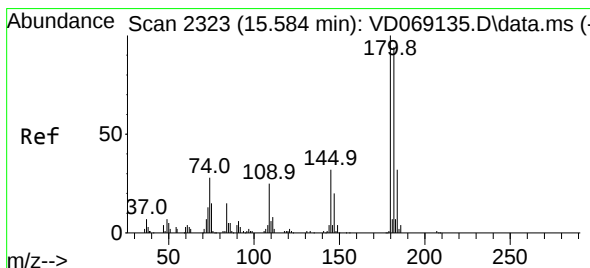
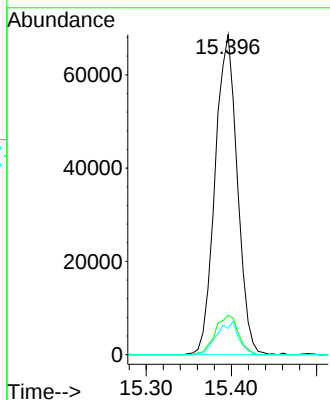
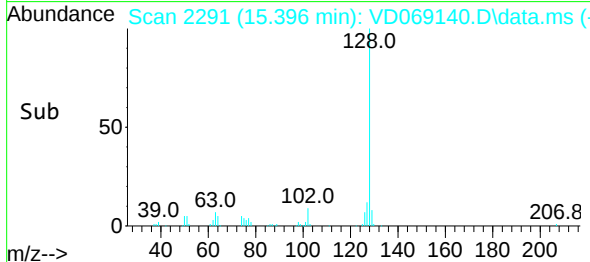
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS01



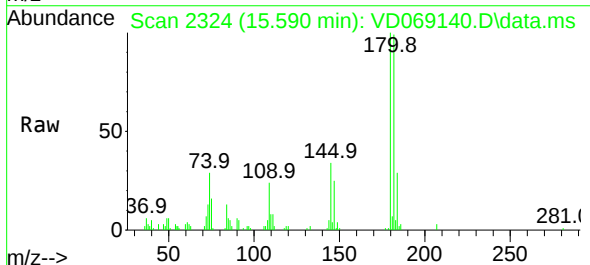
Tgt Ion:128 Resp: 124290
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.2 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.68 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.006 min
Lab File: VD069140.D
Acq: 12 May 2021 17:04



Tgt Ion:180 Resp: 64543
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.4
145 35.1 16.1 48.3

