

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
 Data File : VD069233.D
 Acq On : 21 May 2021 12:35
 Operator : VA/SY
 Sample : VD0521SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:43:53 PM

Quant Time: May 21 13:01:42 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	270916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	436866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	414478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	205446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	136318	50.19	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.38%			
35) Dibromofluoromethane	7.908	113	143561	50.50	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.00%			
50) Toluene-d8	10.337	98	537317	51.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.88%			
62) 4-Bromofluorobenzene	12.631	95	169617	50.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	63619	22.09	ug/l	96
3) Chloromethane	2.208	50	73424	22.18	ug/l	98
4) Vinyl Chloride	2.344	62	99159	22.73	ug/l	100
5) Bromomethane	2.749	94	69882	21.29	ug/l	98
6) Chloroethane	2.908	64	66845	23.81	ug/l	96
7) Trichlorofluoromethane	3.267	101	113563	21.33	ug/l	99
8) Diethyl Ether	3.708	74	24768	20.38	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	66966	22.20	ug/l	96
10) Methyl Iodide	4.302	142	50726	16.78	ug/l	98
11) Tert butyl alcohol	5.226	59	22606	143.91	ug/l #	88
12) 1,1-Dichloroethene	4.061	96	58262	21.50	ug/l	96
13) Acrolein	3.920	56	15993	72.37	ug/l	95
14) Allyl chloride	4.714	41	62325	20.96	ug/l	93
15) Acrylonitrile	5.420	53	48033	105.90	ug/l	97
16) Acetone	4.155	43	46137	110.92	ug/l #	85
17) Carbon Disulfide	4.402	76	193081	21.49	ug/l	99
18) Methyl Acetate	4.720	43	21845	21.61	ug/l	99
19) Methyl tert-butyl Ether	5.485	73	95212	19.36	ug/l	96
20) Methylene Chloride	4.967	84	89594	21.25	ug/l	98
21) trans-1,2-Dichloroethene	5.461	96	67507	21.01	ug/l	99
22) Diisopropyl ether	6.367	45	130007	21.89	ug/l	99
23) Vinyl Acetate	6.302	43	346197	98.79	ug/l	97
24) 1,1-Dichloroethane	6.261	63	111878	21.81	ug/l	99
25) 2-Butanone	7.214	43	57873	102.67	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	101938	21.25	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	69858	20.02	ug/l	99
28) Bromochloromethane	7.543	49	39031	21.34	ug/l	94
29) Tetrahydrofuran	7.561	42	31608	103.16	ug/l	93
30) Chloroform	7.714	83	123846	21.44	ug/l	94
31) Cyclohexane	7.985	56	84144	20.91	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	111999	21.37	ug/l	99
36) 1,1-Dichloropropene	8.108	75	93080	21.92	ug/l	97
37) Ethyl Acetate	7.290	43	30446	22.31	ug/l	99
38) Carbon Tetrachloride	8.096	117	101125	21.30	ug/l #	94
39) Methylcyclohexane	9.355	83	90628	20.23	ug/l	93
40) Benzene	8.349	78	260801	21.44	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
 Data File : VD069233.D
 Acq On : 21 May 2021 12:35
 Operator : VA/SY
 Sample : VD0521SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:43:53 PM

Quant Time: May 21 13:01:42 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	14483m	19.94	ug/l	
42) 1,2-Dichloroethane	8.420	62	72087	21.70	ug/l	99
43) Isopropyl Acetate	8.449	43	50895	20.54	ug/l	96
44) Trichloroethene	9.114	130	72315	21.27	ug/l	99
45) 1,2-Dichloropropane	9.384	63	61643	21.47	ug/l	99
46) Dibromomethane	9.473	93	36654	21.35	ug/l	98
47) Bromodichloromethane	9.661	83	93358	21.37	ug/l	97
48) Methyl methacrylate	9.455	41	21505	18.77	ug/l #	89
49) 1,4-Dioxane	9.461	88	8011	469.56	ug/l #	92
51) 4-Methyl-2-Pentanone	10.226	43	135600	106.36	ug/l	100
52) Toluene	10.402	92	172576	21.98	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	79186	20.63	ug/l	94
54) cis-1,3-Dichloropropene	10.090	75	96631	21.06	ug/l	96
55) 1,1,2-Trichloroethane	10.796	97	49683	21.47	ug/l	94
56) Ethyl methacrylate	10.661	69	44828	18.61	ug/l	96
57) 1,3-Dichloropropane	10.943	76	82293	22.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	120365	105.09	ug/l	99
59) 2-Hexanone	10.984	43	89995	105.78	ug/l	96
60) Dibromochloromethane	11.137	129	62469	21.02	ug/l	98
61) 1,2-Dibromoethane	11.243	107	47124	20.61	ug/l	100
64) Tetrachloroethene	10.873	164	61449	21.33	ug/l	90
65) Chlorobenzene	11.667	112	181418	21.12	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	67512	20.84	ug/l	98
67) Ethyl Benzene	11.743	91	301432	20.39	ug/l	100
68) m/p-Xylenes	11.849	106	248740	42.93	ug/l	99
69) o-Xylene	12.178	106	108722	21.10	ug/l	96
70) Styrene	12.190	104	192896	21.45	ug/l	98
71) Bromoform	12.355	173	34505	20.48	ug/l #	95
73) Isopropylbenzene	12.473	105	289798	20.18	ug/l	99
74) N-amyl acetate	12.284	43	47247	20.12	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.725	83	53668	20.62	ug/l	99
76) 1,2,3-Trichloropropane	12.778	75	37541m	24.31	ug/l	
77) Bromobenzene	12.755	156	72388	21.24	ug/l	99
78) n-propylbenzene	12.814	91	363686	20.99	ug/l	100
79) 2-Chlorotoluene	12.902	91	206137	21.38	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	250253	21.14	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.525	75	14731	19.27	ug/l	97
82) 4-Chlorotoluene	13.002	91	214865	20.92	ug/l	99
83) tert-Butylbenzene	13.220	119	201244	20.40	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	253376	21.27	ug/l	99
85) sec-Butylbenzene	13.396	105	311165	20.97	ug/l	98
86) p-Isopropyltoluene	13.508	119	269214	20.65	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	144989	21.02	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	145649	21.32	ug/l	97
89) n-Butylbenzene	13.837	91	260568	21.46	ug/l	98
90) Hexachloroethane	14.108	117	54198	22.19	ug/l	97
91) 1,2-Dichlorobenzene	13.884	146	134254	22.67	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	8294	20.54	ug/l	93
93) 1,2,4-Trichlorobenzene	15.155	180	77083	21.24	ug/l	98
94) Hexachlorobutadiene	15.255	225	47136	21.64	ug/l	99
95) Naphthalene	15.390	128	113818	18.28	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	65376	21.05	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
Data File : VD069233.D
Acq On : 21 May 2021 12:35
Operator : VA/SY
Sample : VD0521SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

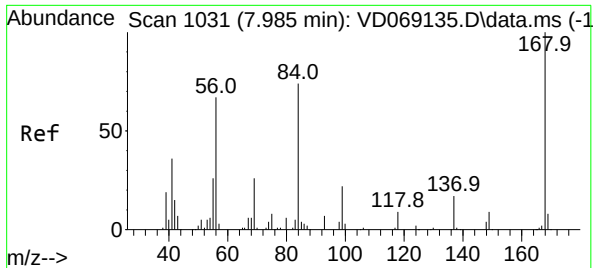
Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM

Quant Time: May 21 13:01:42 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



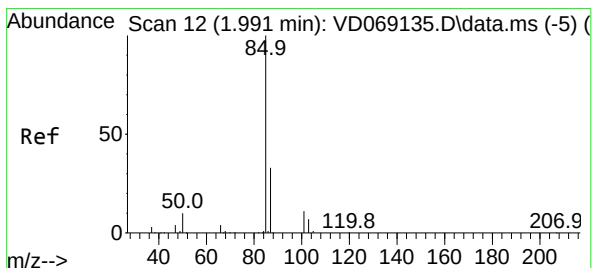
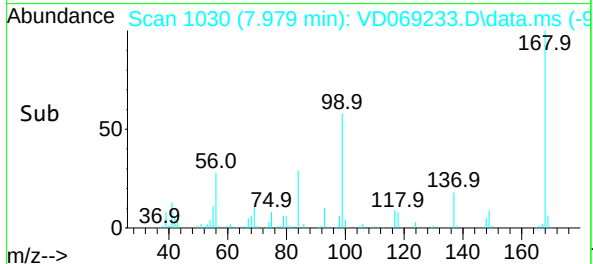
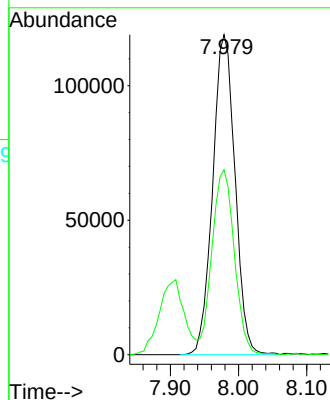
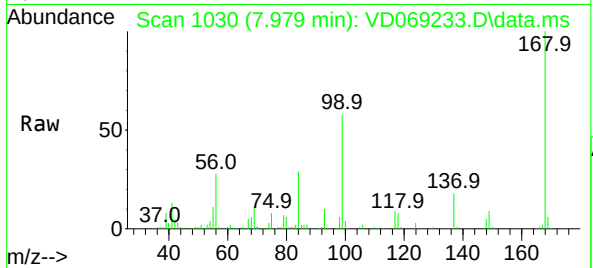
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 168 Resp: 270916
Ion Ratio Lower Upper
168 100
99 57.7 47.2 70.8

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

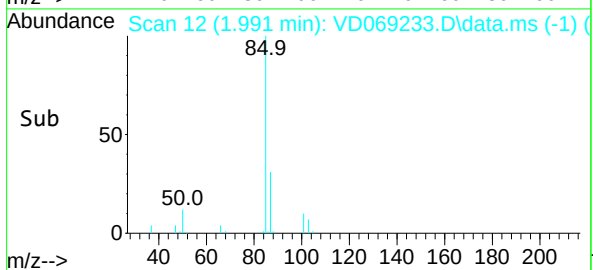
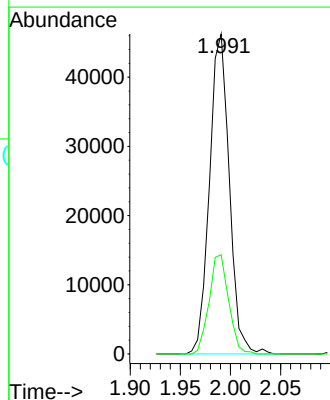
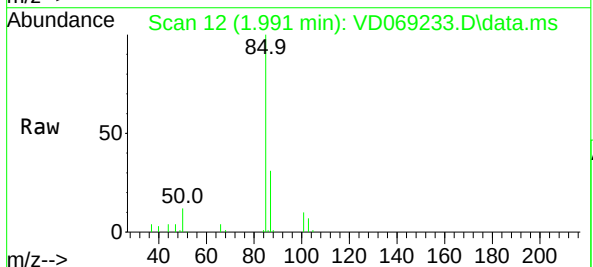
Manual Integrations
APPROVED

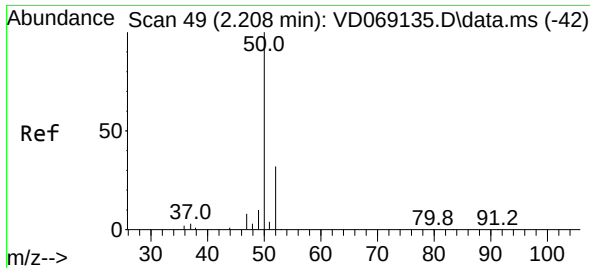
MMDadoda
5/24/2021 3:43:53 PM



#2
Dichlorodifluoromethane
Concen: 22.09 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 85 Resp: 63619
Ion Ratio Lower Upper
85 100
87 31.0 16.5 49.5





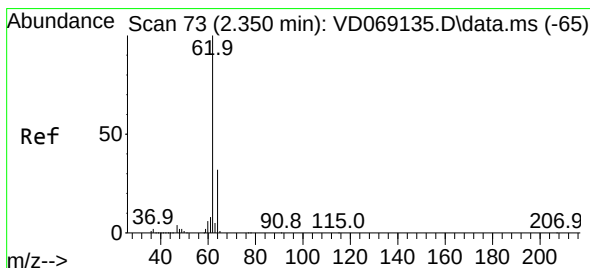
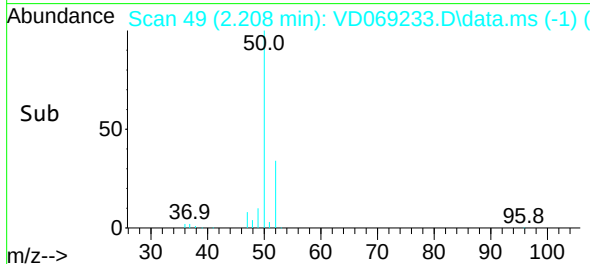
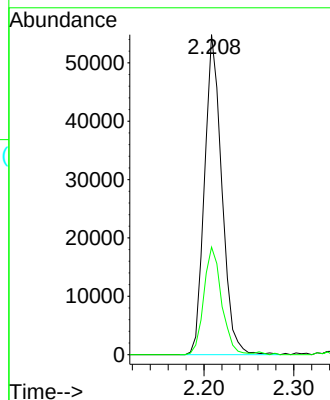
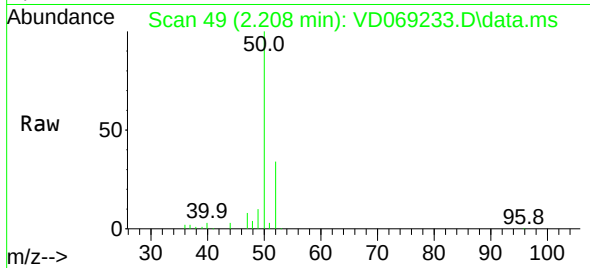
#3
Chloromethane
Concen: 22.18 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 50 Resp: 73424
Ion Ratio Lower Upper
50 100
52 33.6 25.8 38.8

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

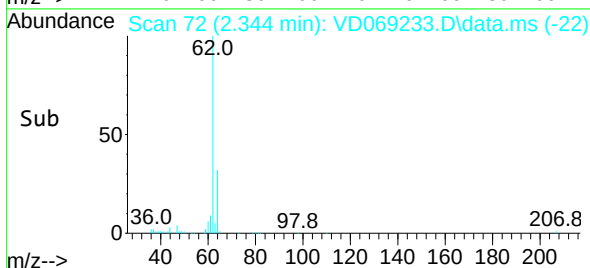
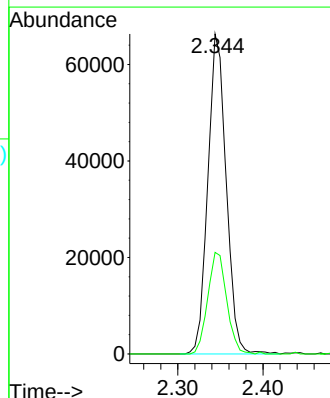
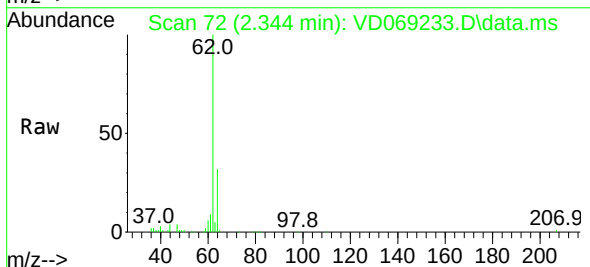
Manual Integrations
APPROVED

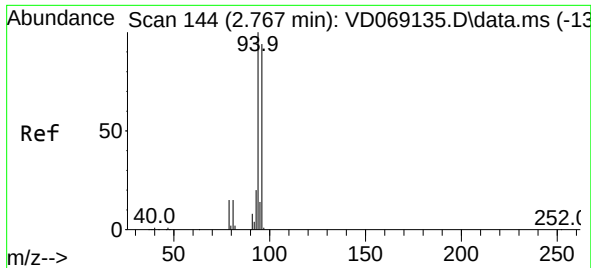
MMDadoda
5/24/2021 3:43:53 PM



#4
Vinyl Chloride
Concen: 22.73 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 62 Resp: 99159
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9





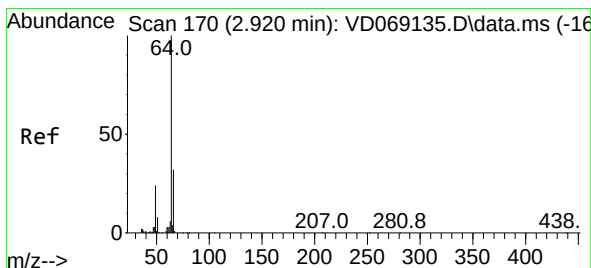
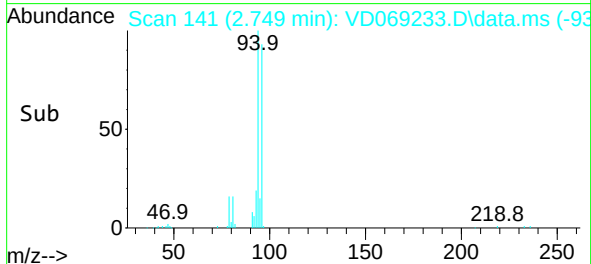
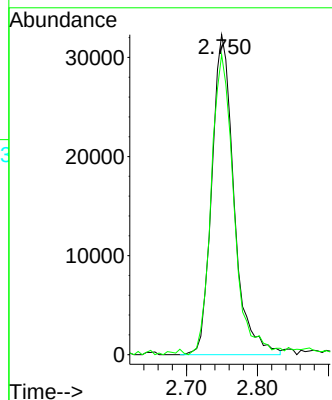
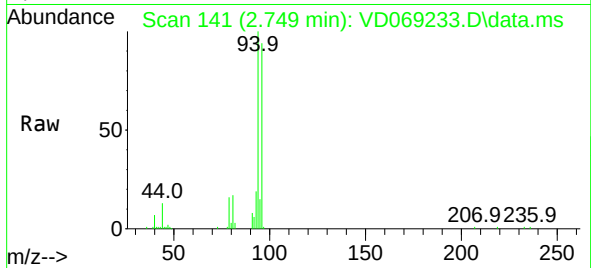
#5
Bromomethane
Concen: 21.29 ug/l
RT: 2.749 min Scan# 141
Delta R.T. -0.018 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 94 Resp: 69882
Ion Ratio Lower Upper
94 100
96 92.1 75.4 113.0

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

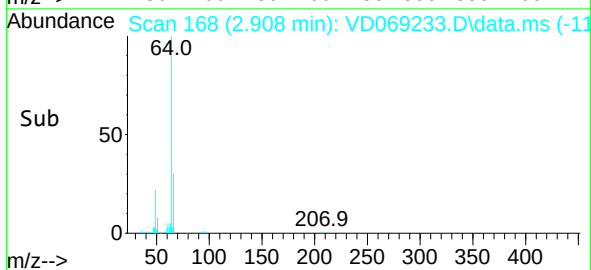
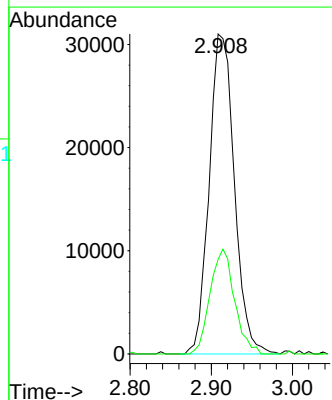
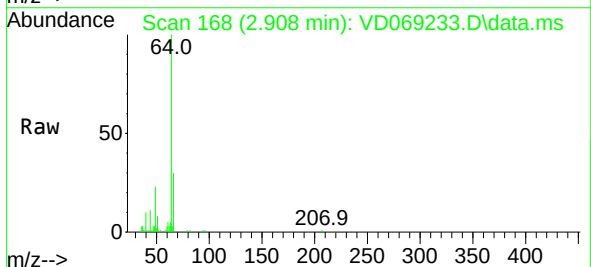
Manual Integrations
APPROVED

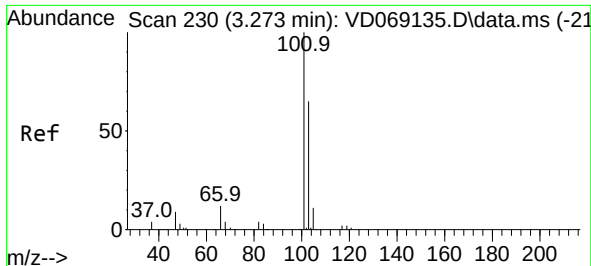
MMDadoda
5/24/2021 3:43:53 PM



#6
Chloroethane
Concen: 23.81 ug/l
RT: 2.908 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 64 Resp: 66845
Ion Ratio Lower Upper
64 100
66 29.6 25.2 37.8





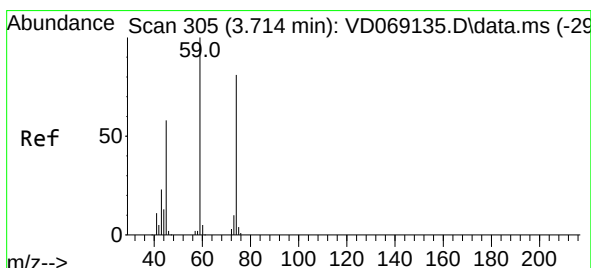
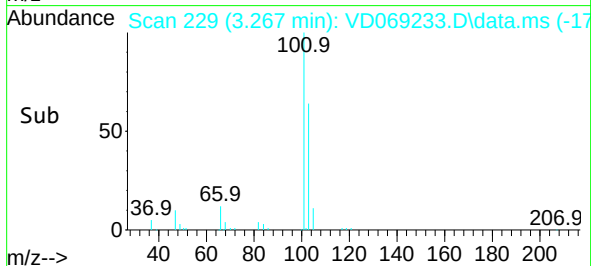
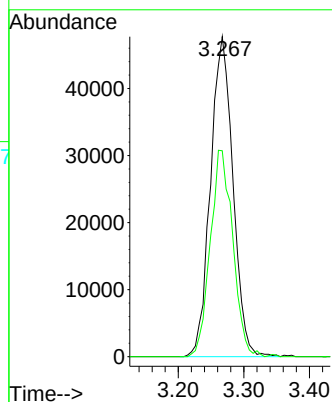
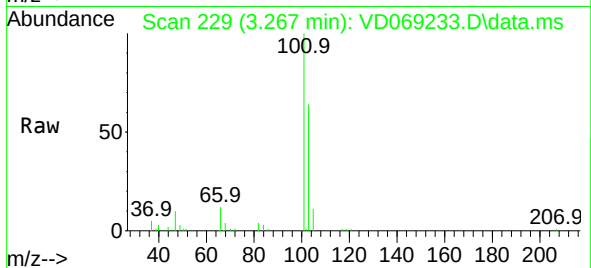
#7
Trichlorofluoromethane
Concen: 21.33 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion:101 Resp: 113563
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

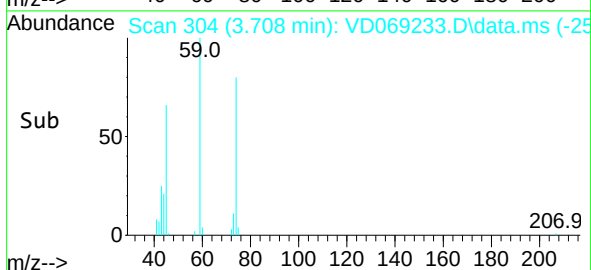
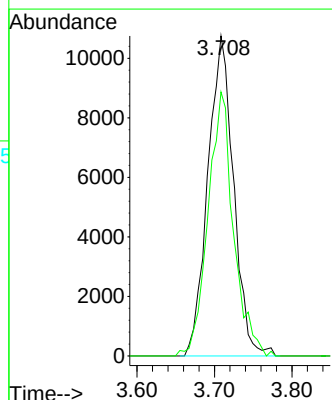
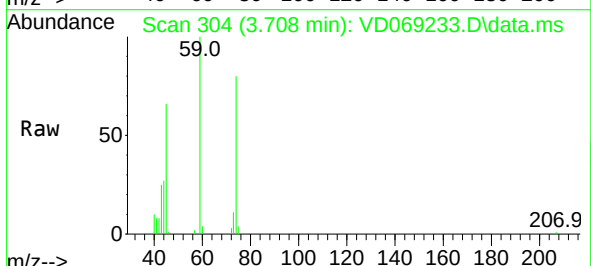
Manual Integrations
APPROVED

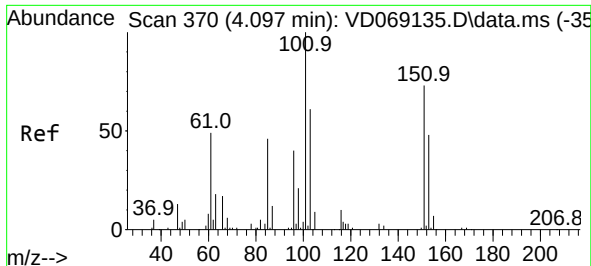
MMDadoda
5/24/2021 3:43:53 PM



#8
Diethyl Ether
Concen: 20.38 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 74 Resp: 24768
Ion Ratio Lower Upper
74 100
45 81.7 38.1 114.5





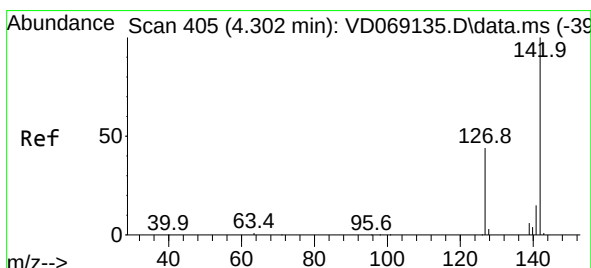
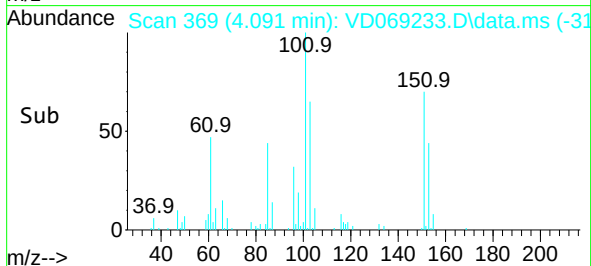
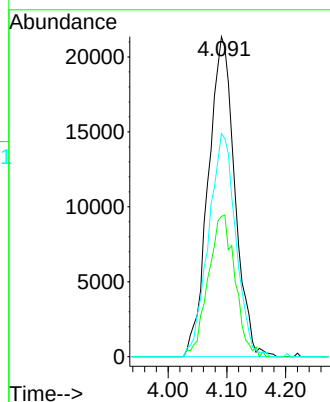
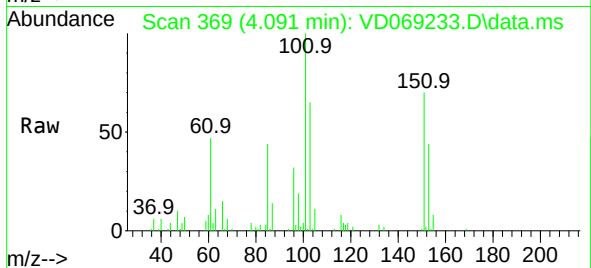
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.20 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion:	101	Resp:	66966
Ion	Ratio	Lower	Upper
101	100		
85	44.6	35.2	52.8
151	71.5	60.6	91.0

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

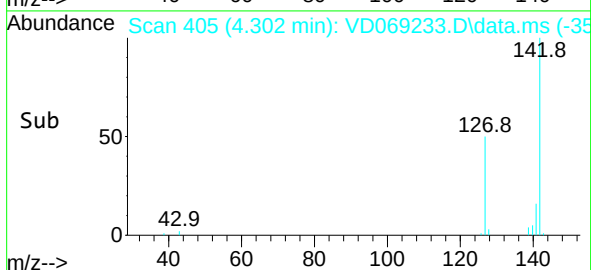
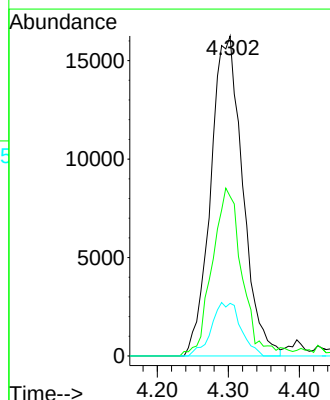
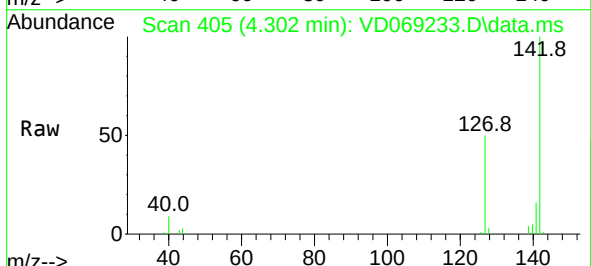
Manual Integrations
APPROVED

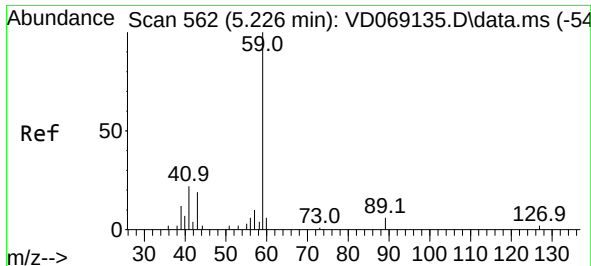
MMDadoda
5/24/2021 3:43:53 PM



#10
Methyl Iodide
Concen: 16.78 ug/l
RT: 4.302 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion:	142	Resp:	50726
Ion	Ratio	Lower	Upper
142	100		
127	48.6	37.3	55.9
141	15.3	12.2	18.4





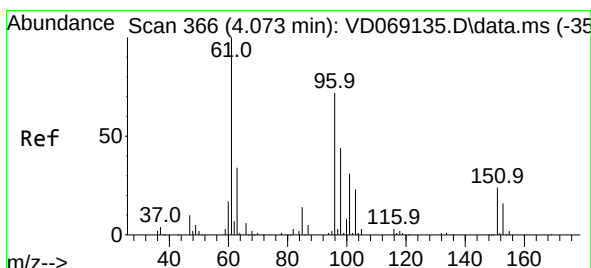
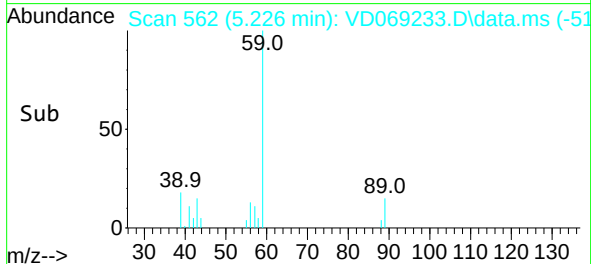
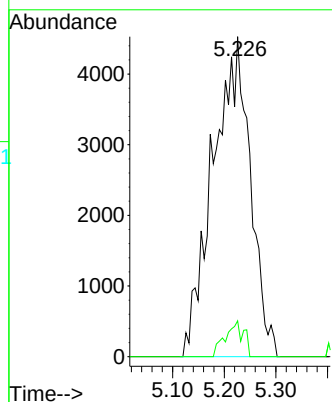
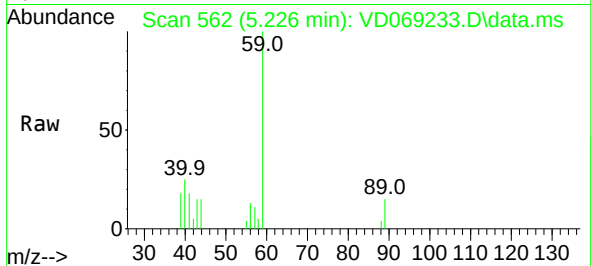
#11
Tert butyl alcohol
Concen: 143.91 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 59 Resp: 22606
Ion Ratio Lower Upper
59 100
57 5.5 7.8 11.8#

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

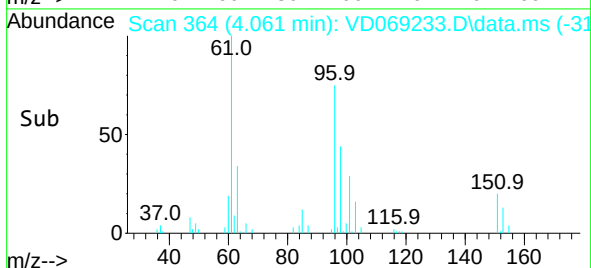
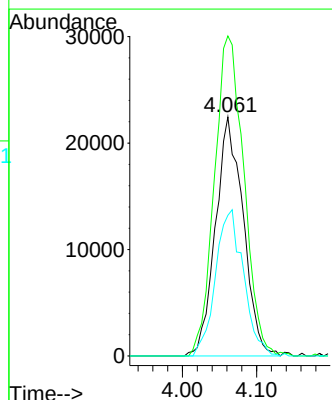
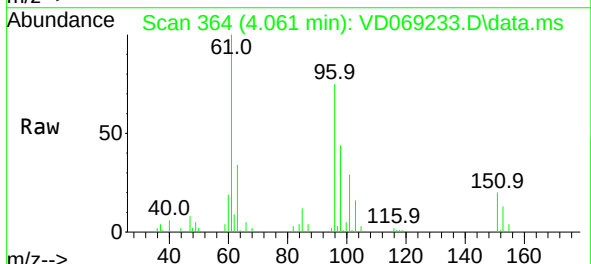
Manual Integrations
APPROVED

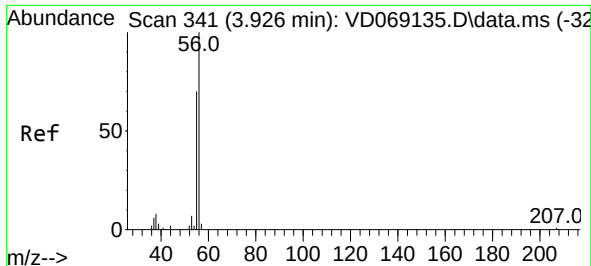
MMDadoda
5/24/2021 3:43:53 PM



#12
1,1-Dichloroethene
Concen: 21.50 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.012 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

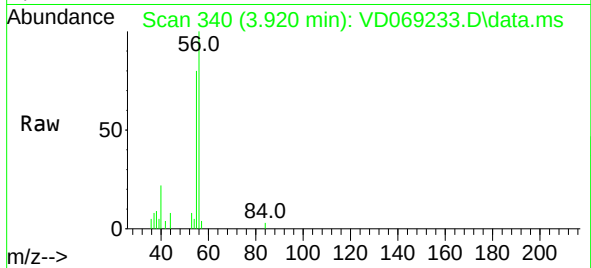
Tgt Ion: 96 Resp: 58262
Ion Ratio Lower Upper
96 100
61 133.8 111.1 166.7
98 58.8 48.4 72.6





#13
Acrolein
Concen: 72.37 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

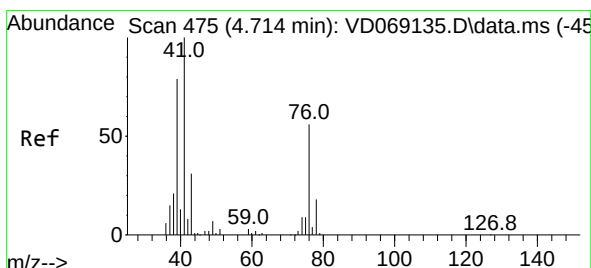
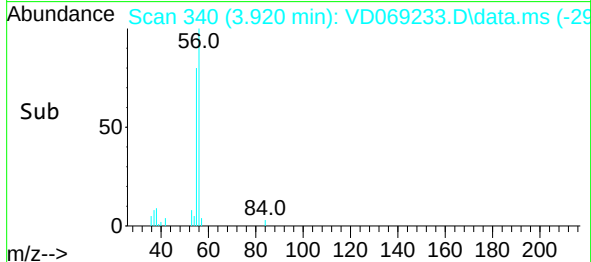
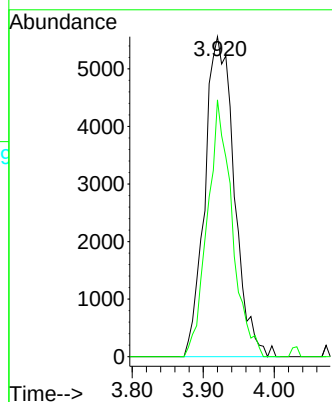
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01



Tgt Ion: 56 Resp: 15993
Ion Ratio Lower Upper
56 100
55 67.3 56.9 85.3

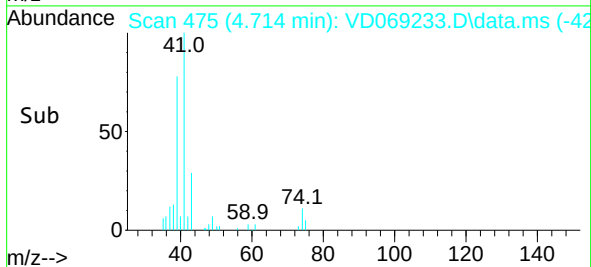
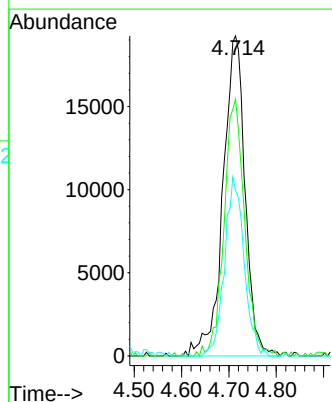
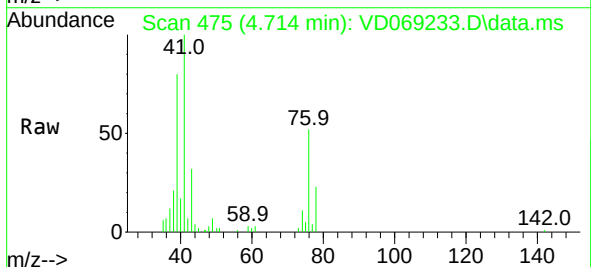
Manual Integrations
APPROVED

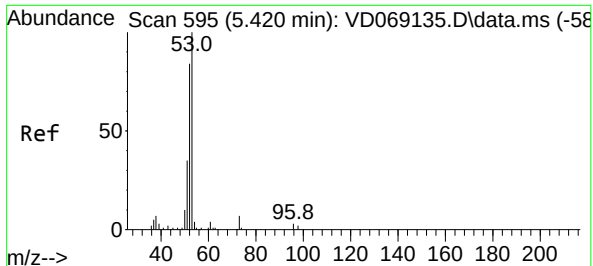
MMDadoda
5/24/2021 3:43:53 PM



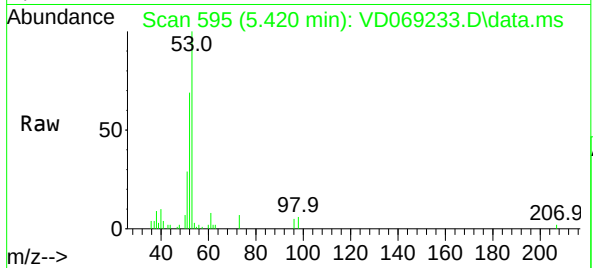
#14
Allyl chloride
Concen: 20.96 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 41 Resp: 62325
Ion Ratio Lower Upper
41 100
39 74.7 64.3 96.5
76 49.5 43.6 65.4

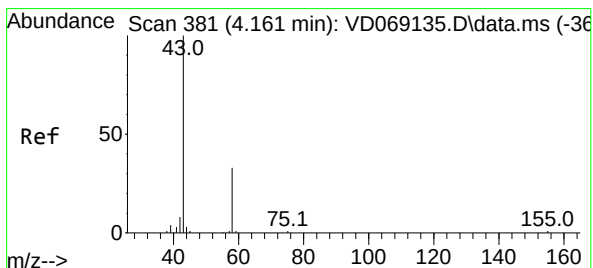
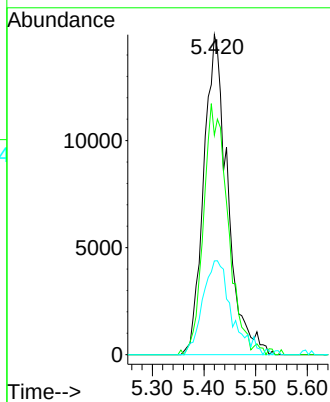
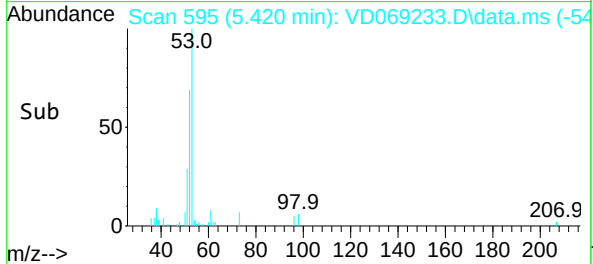




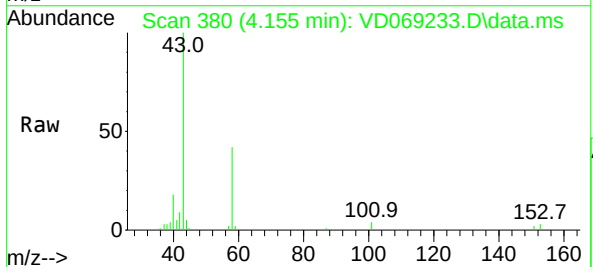
#15
Acrylonitrile
Concen: 105.90 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



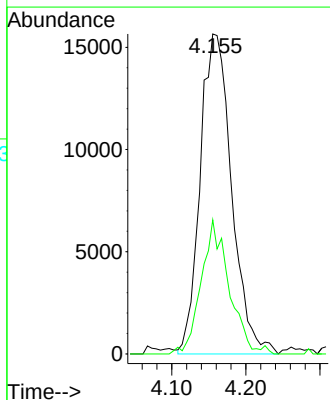
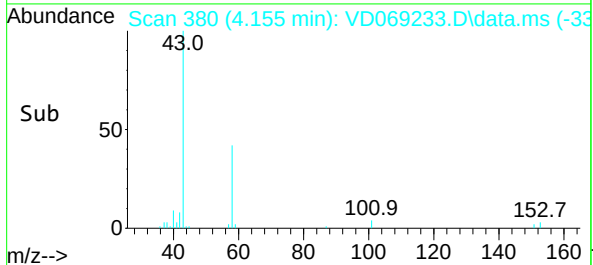
Tgt Ion: 53 Resp: 48033
Ion Ratio Lower Upper
53 100
52 79.3 64.5 96.7
51 35.0 30.4 45.6



#16
Acetone
Concen: 110.92 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



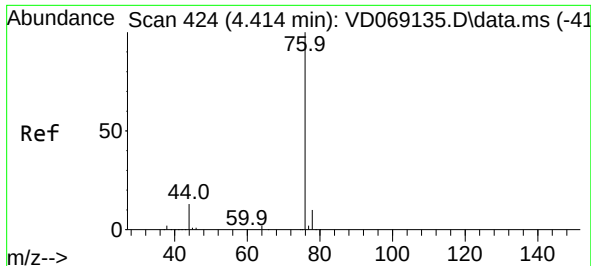
Tgt Ion: 43 Resp: 46137
Ion Ratio Lower Upper
43 100
58 41.9 26.7 40.1#



Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

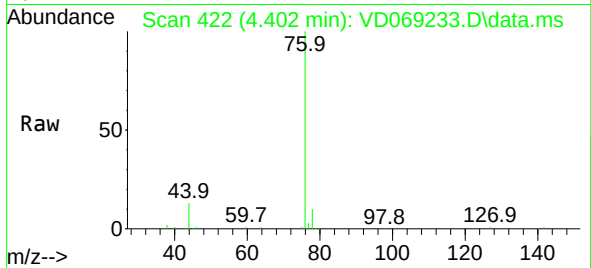
Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM



#17
Carbon Disulfide
Concen: 21.49 ug/l
RT: 4.402 min Scan# 422
Delta R.T. -0.012 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

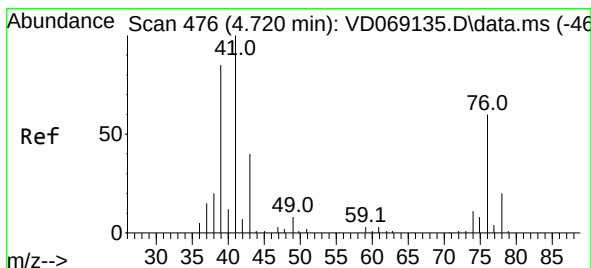
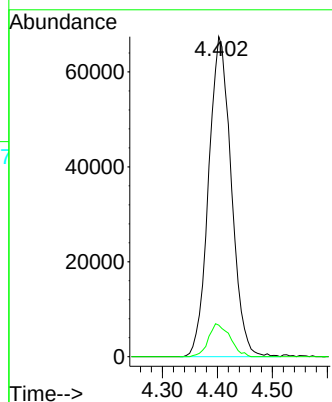
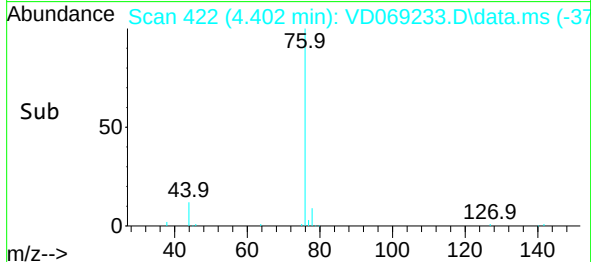
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01



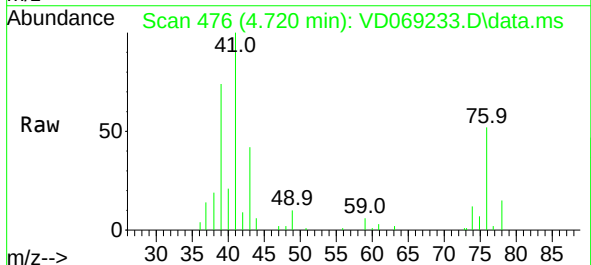
Tgt Ion: 76 Resp: 193081
Ion Ratio Lower Upper
76 100
78 9.9 8.1 12.1

Manual Integrations
APPROVED

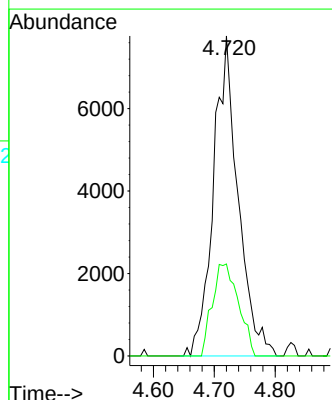
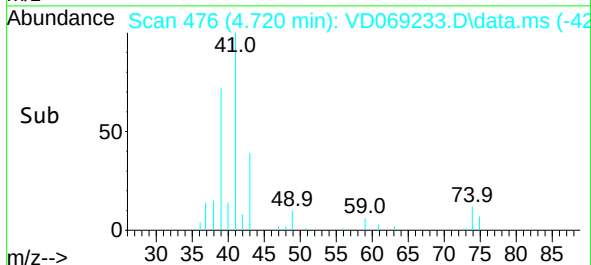
MMDadoda
5/24/2021 3:43:53 PM

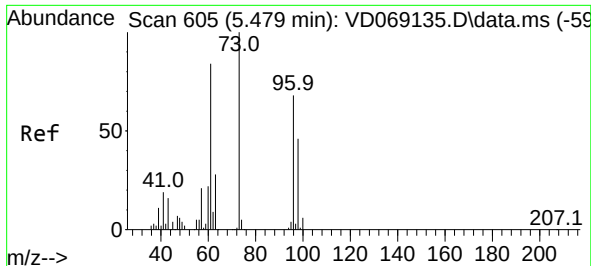


#18
Methyl Acetate
Concen: 21.61 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

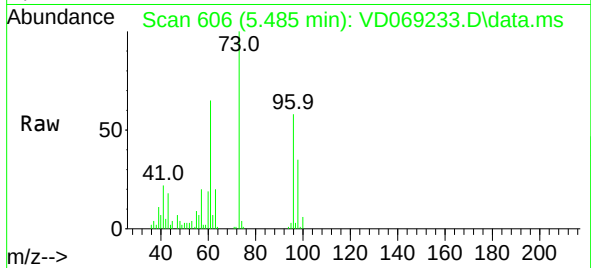


Tgt Ion: 43 Resp: 21845
Ion Ratio Lower Upper
43 100
74 30.4 23.8 35.6

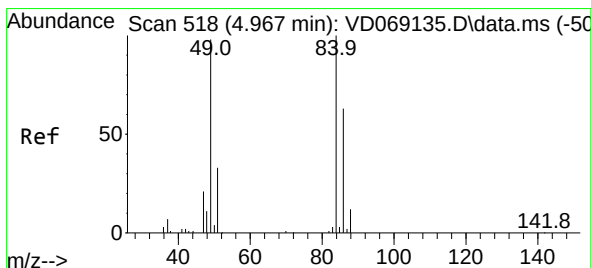
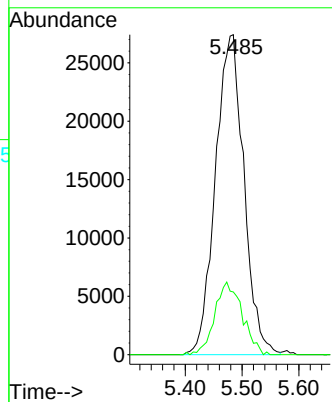
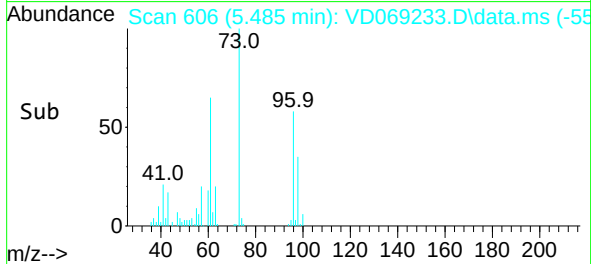




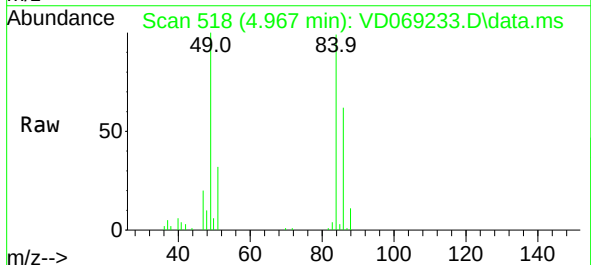
#19
Methyl tert-butyl Ether
Concen: 19.36 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



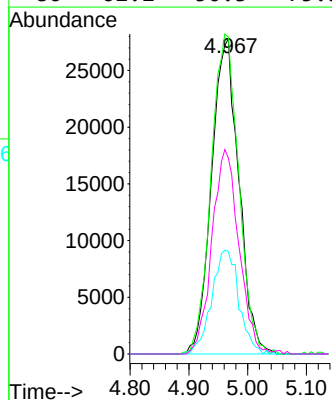
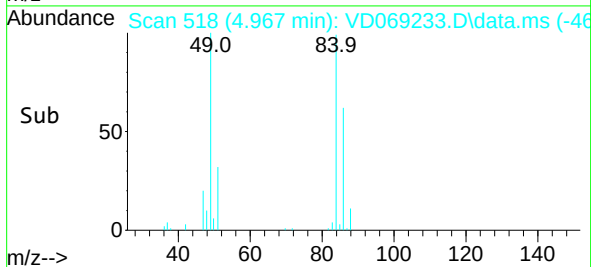
Tgt Ion: 73 Resp: 95212
Ion Ratio Lower Upper
73 100
57 19.6 17.1 25.7



#20
Methylene Chloride
Concen: 21.25 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



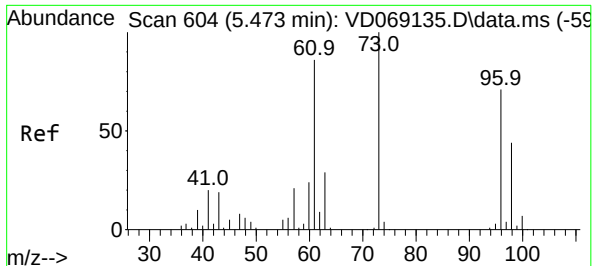
Tgt Ion: 84 Resp: 89594
Ion Ratio Lower Upper
84 100
49 100.7 78.6 117.8
51 32.5 26.7 40.1
86 62.2 50.3 75.5



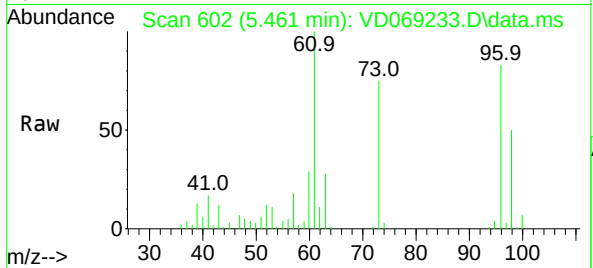
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

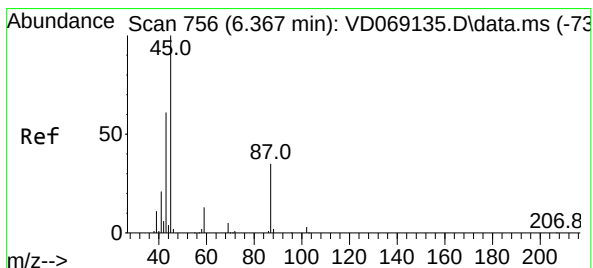
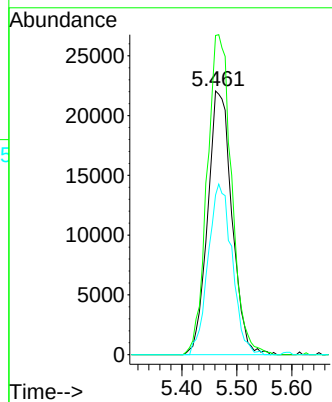
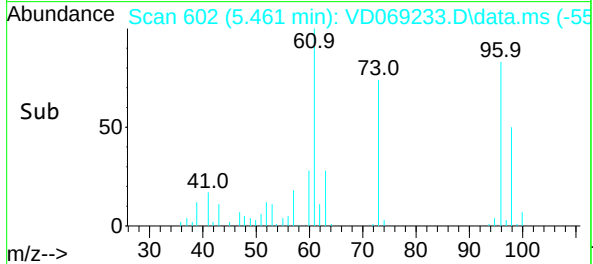
MMDadoda
5/24/2021 3:43:53 PM



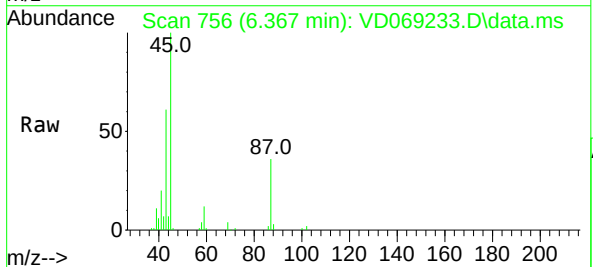
#21
trans-1,2-Dichloroethene
Concen: 21.01 ug/l
RT: 5.461 min Scan# 602
Delta R.T. -0.012 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



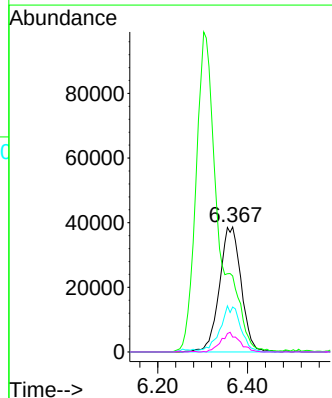
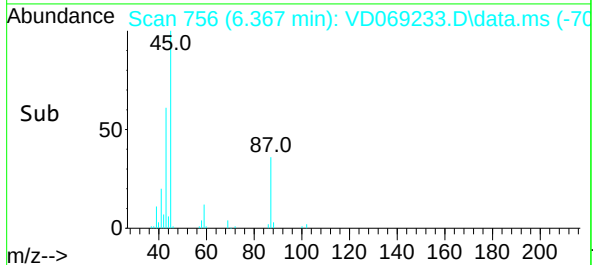
Tgt Ion: 96 Resp: 67507
Ion Ratio Lower Upper
96 100
61 121.0 97.7 146.5
98 60.6 49.4 74.2



#22
Diisopropyl ether
Concen: 21.89 ug/l
RT: 6.367 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



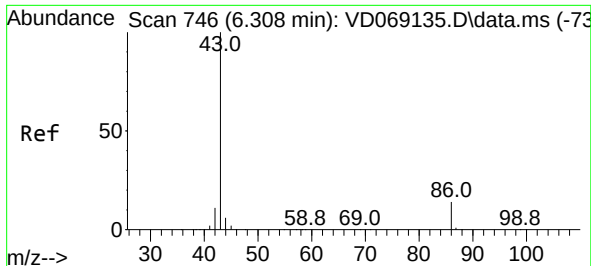
Tgt Ion: 45 Resp: 130007
Ion Ratio Lower Upper
45 100
43 59.9 48.6 73.0
87 36.0 28.5 42.7
59 11.9 10.5 15.7



Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

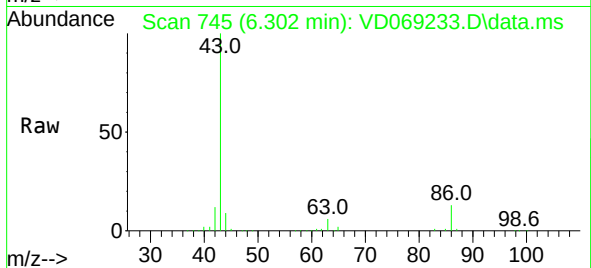
Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM



#23
 Vinyl Acetate
 Concen: 98.79 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD069233.D
 Acq: 21 May 2021 12:35

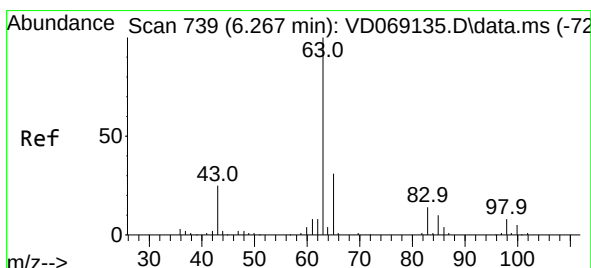
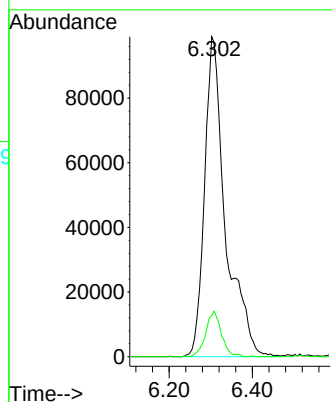
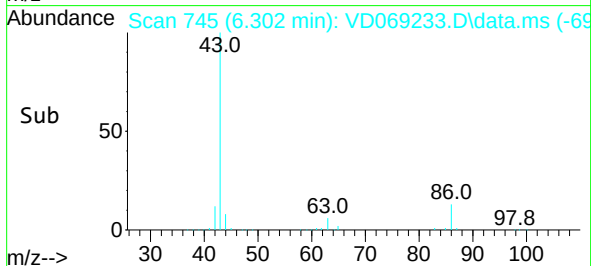
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBS01



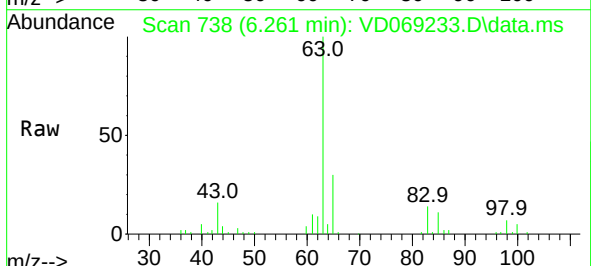
Tgt Ion: 43 Resp: 346197
 Ion Ratio Lower Upper
 43 100
 86 12.8 11.1 16.7

Manual Integrations
 APPROVED

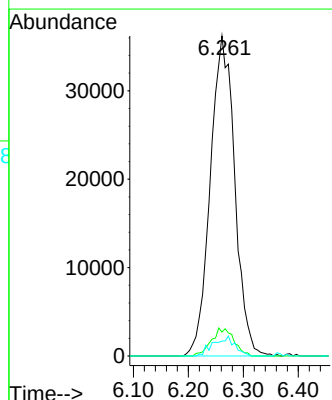
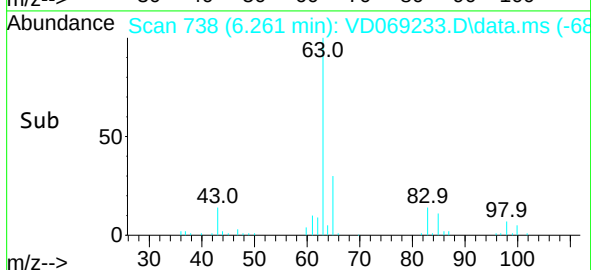
MMDadoda
 5/24/2021 3:43:53 PM

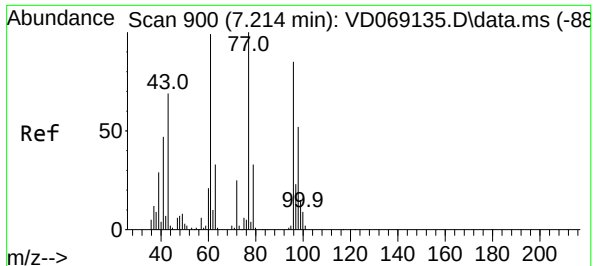


#24
 1,1-Dichloroethane
 Concen: 21.81 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD069233.D
 Acq: 21 May 2021 12:35



Tgt Ion: 63 Resp: 111878
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 4.6 2.5 7.6





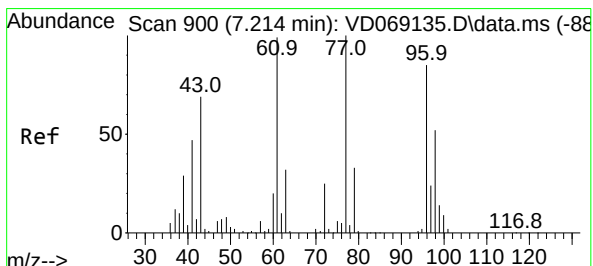
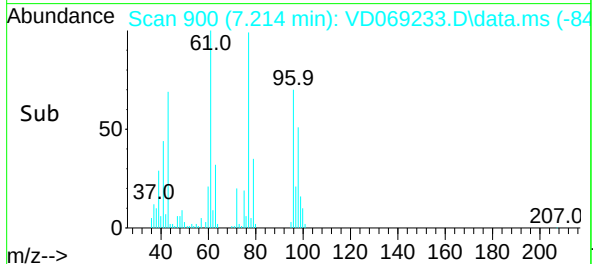
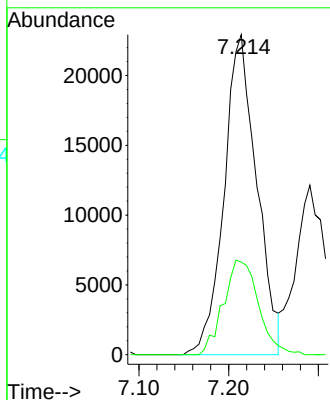
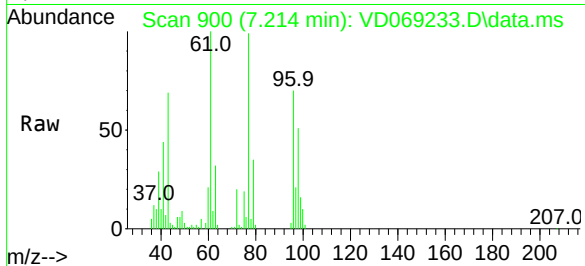
#25
2-Butanone
Concen: 102.67 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 43 Resp: 57873
Ion Ratio Lower Upper
43 100
72 29.0 29.1 43.7#

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

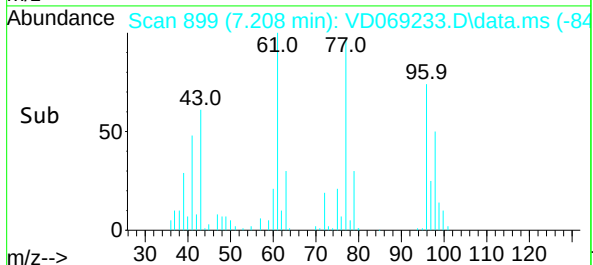
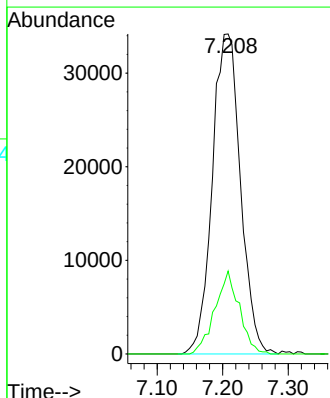
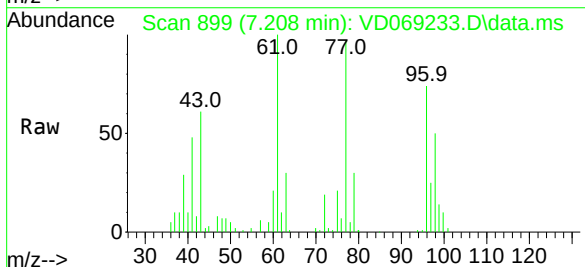
Manual Integrations
APPROVED

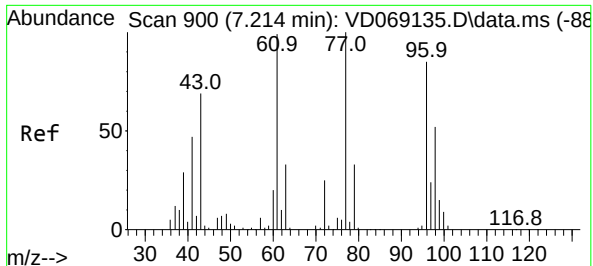
MMDadoda
5/24/2021 3:43:53 PM



#26
2,2-Dichloropropane
Concen: 21.25 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 77 Resp: 101938
Ion Ratio Lower Upper
77 100
97 22.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.02 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD069233.D

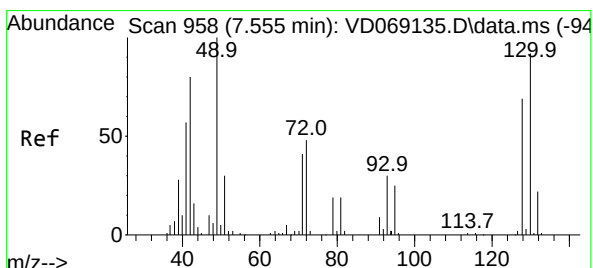
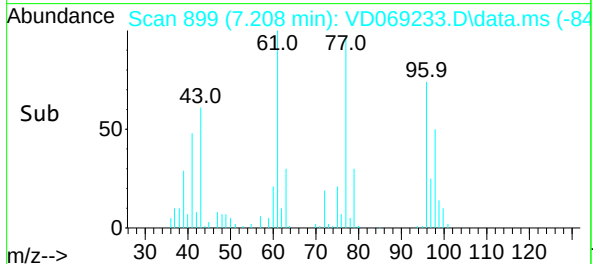
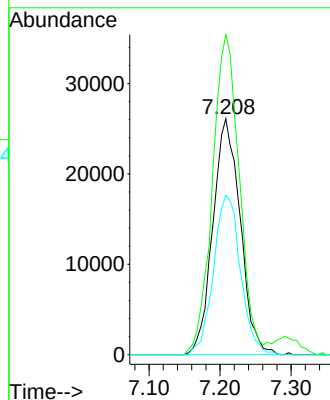
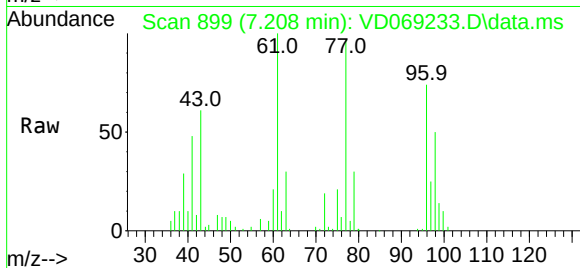
Acq: 21 May 2021 12:35

Tgt Ion:	96	Resp:	69858
Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	263.8
98	66.6	0.0	132.2

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM



#28

Bromochloromethane

Concen: 21.34 ug/l

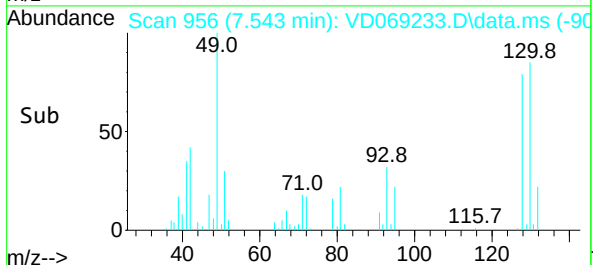
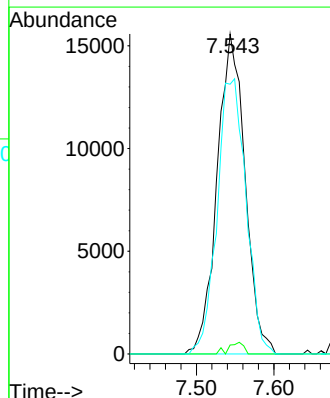
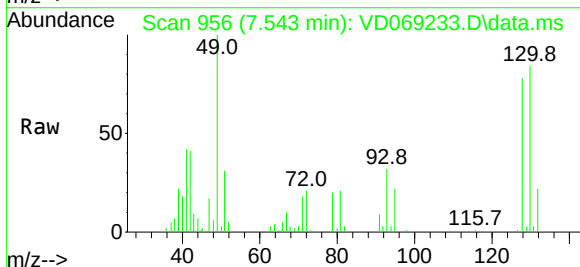
RT: 7.543 min Scan# 956

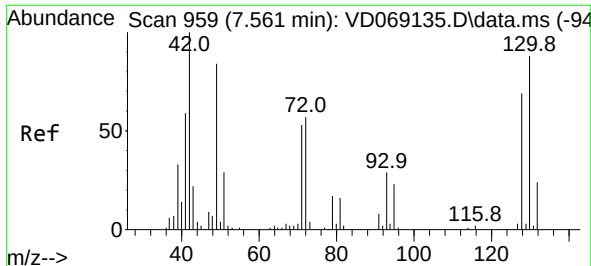
Delta R.T. -0.012 min

Lab File: VD069233.D

Acq: 21 May 2021 12:35

Tgt Ion:	49	Resp:	39031
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	6.4
130	89.0	75.8	113.6





#29

Tetrahydrofuran

Concen: 103.16 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD069233.D

Acq: 21 May 2021 12:35

Tgt Ion:	42	Resp:	31608
Ion	Ratio	Lower	Upper
42	100		
72	52.0	45.9	68.9
71	49.0	42.9	64.3

Instrument :

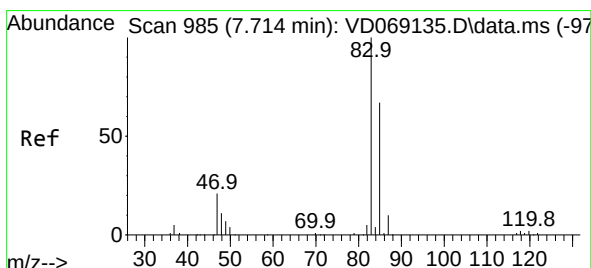
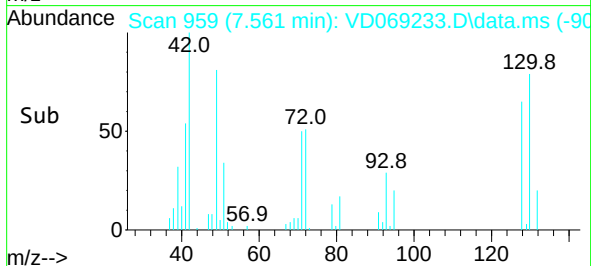
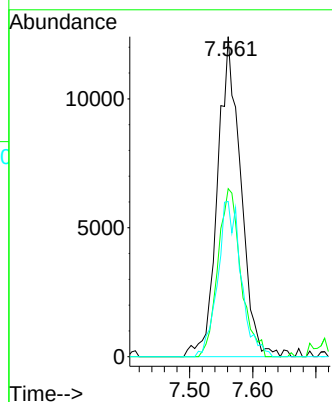
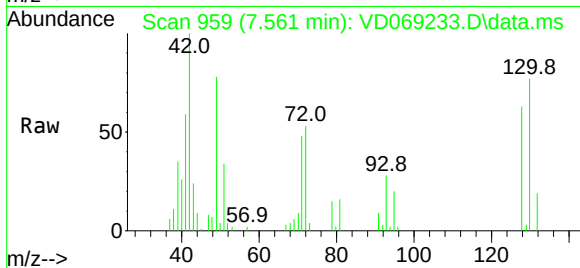
MSVOA_D

ClientSampleId :

VD0521SBS01

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM



#30

Chloroform

Concen: 21.44 ug/l

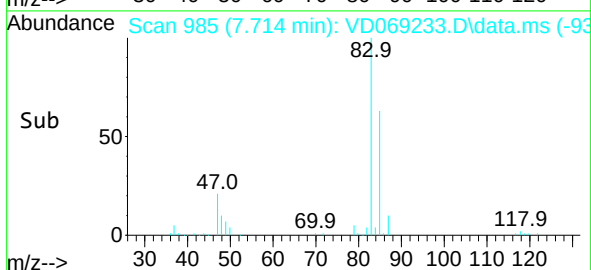
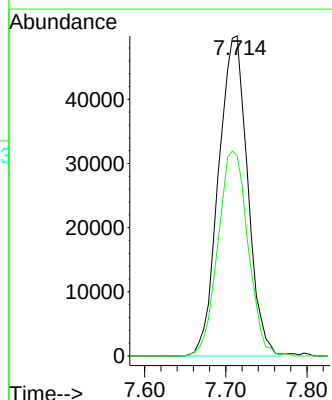
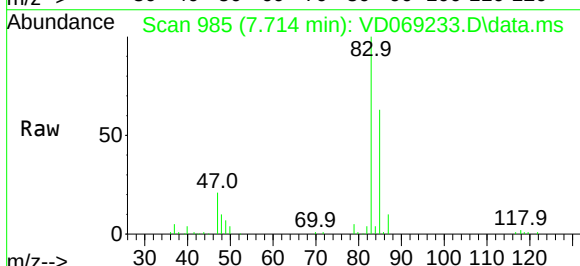
RT: 7.714 min Scan# 985

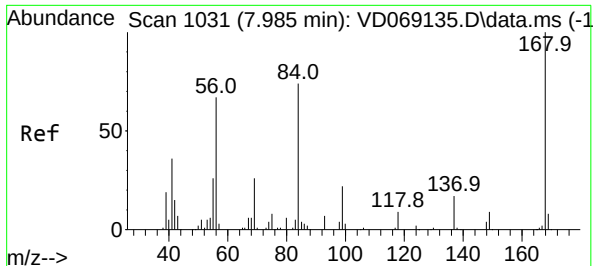
Delta R.T. -0.000 min

Lab File: VD069233.D

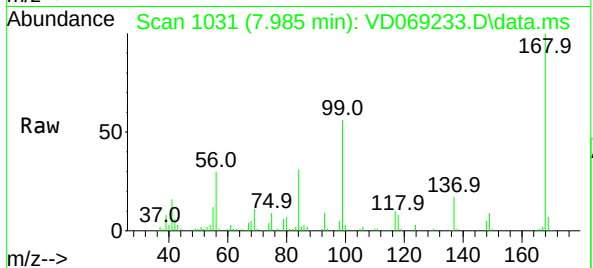
Acq: 21 May 2021 12:35

Tgt Ion:	83	Resp:	123846
Ion	Ratio	Lower	Upper
83	100		
85	62.6	54.0	81.0

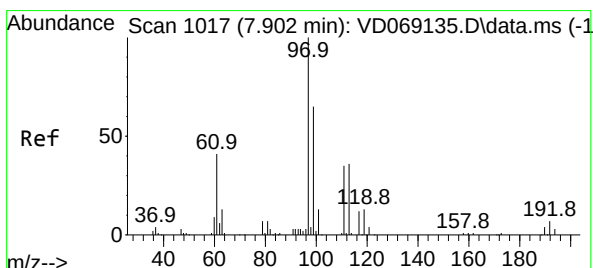
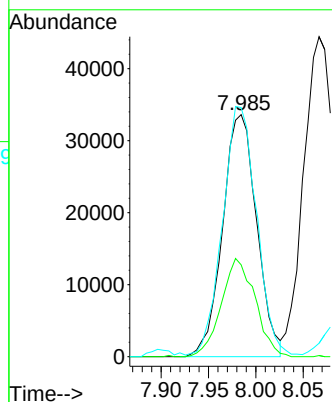
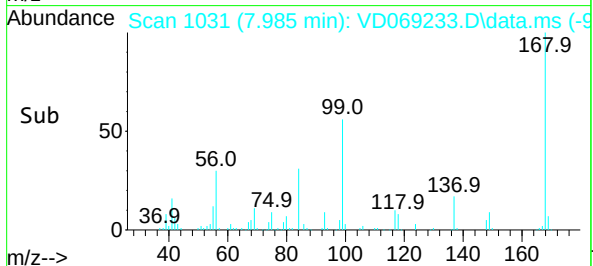




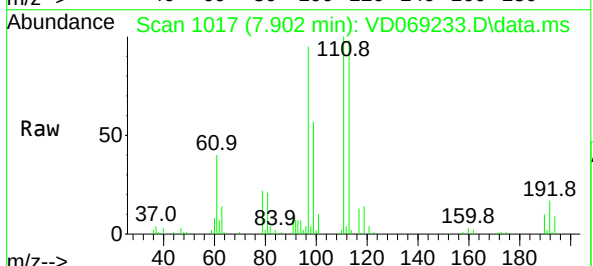
#31
Cyclohexane
Concen: 20.91 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



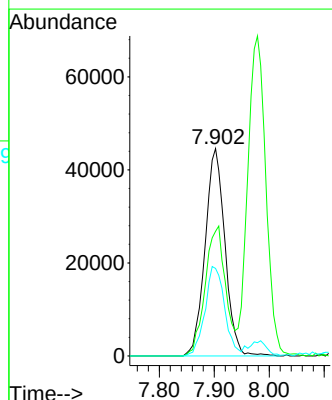
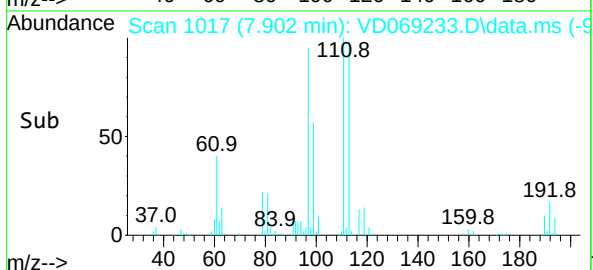
Tgt Ion: 56 Resp: 84144
Ion Ratio Lower Upper
56 100
69 37.9 30.6 46.0
84 101.3 88.0 132.0



#32
1,1,1-Trichloroethane
Concen: 21.37 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



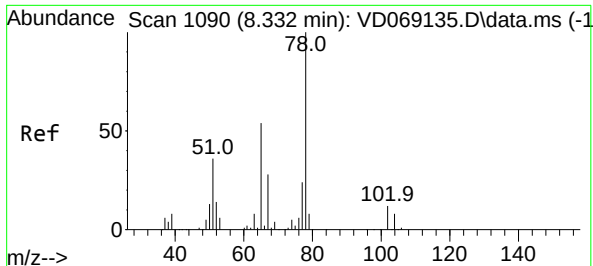
Tgt Ion: 97 Resp: 111999
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 42.7 32.5 48.7



Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM



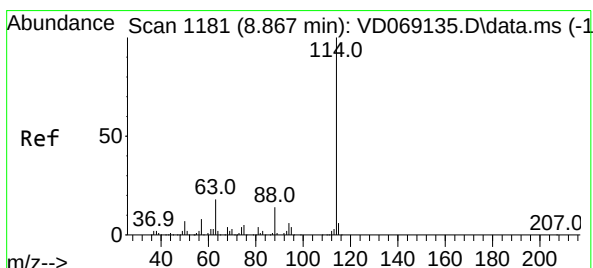
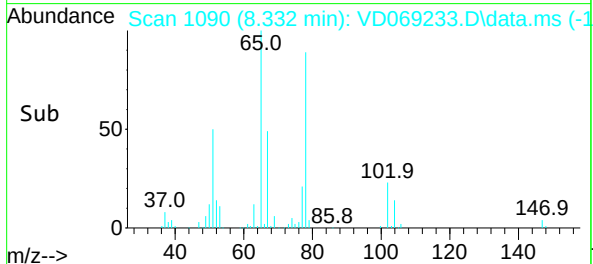
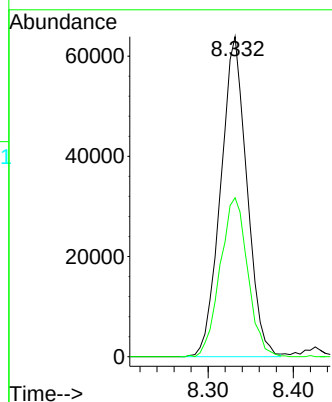
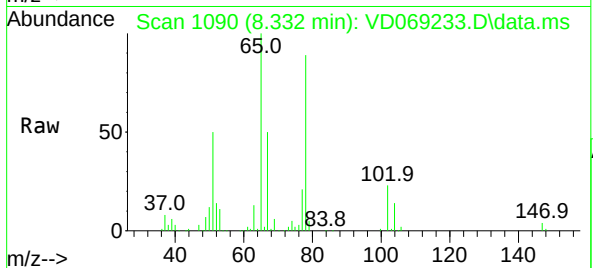
#33
1,2-Dichloroethane-d4
Concen: 50.19 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 65 Resp: 136318
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

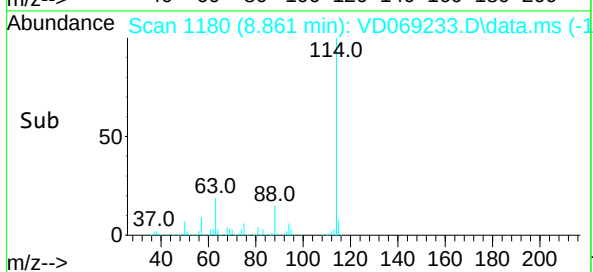
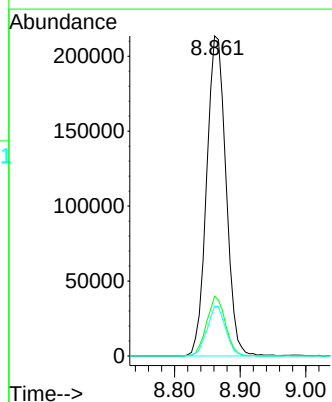
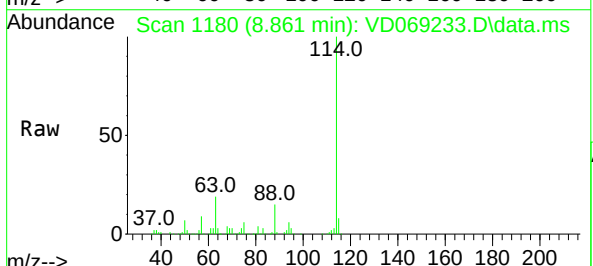
Manual Integrations
APPROVED

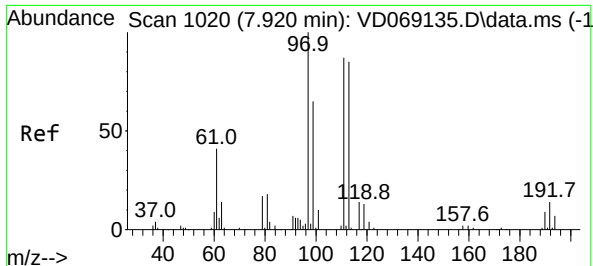
MMDadoda
5/24/2021 3:43:53 PM



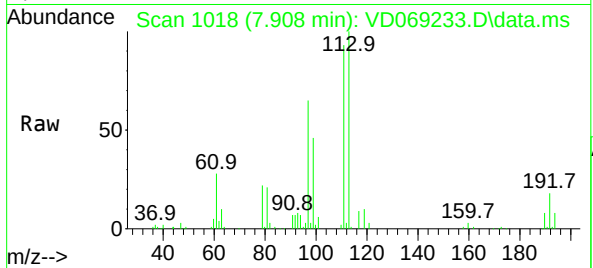
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 114 Resp: 436866
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 15.5 0.0 28.2

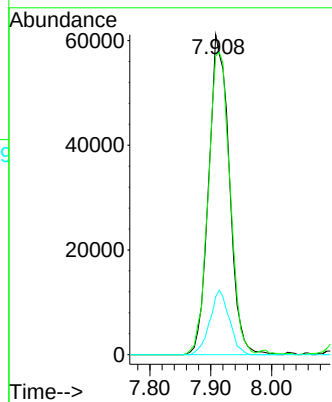
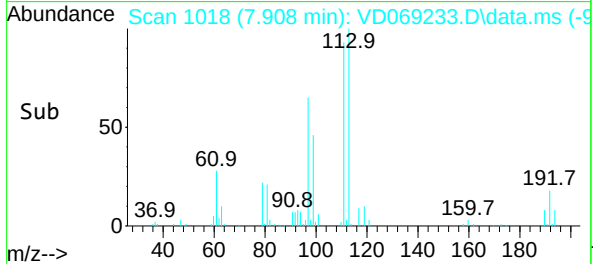




#35
Dibromofluoromethane
Concen: 50.50 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



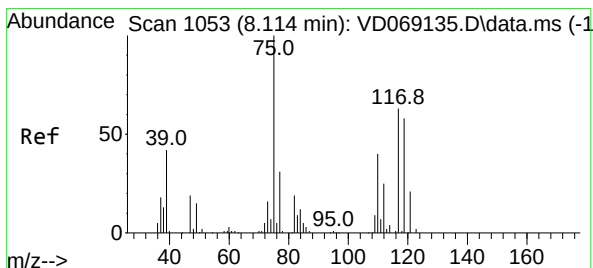
Tgt Ion: 113 Resp: 143561
Ion Ratio Lower Upper
113 100
111 99.6 80.6 120.8
192 19.0 14.8 22.2



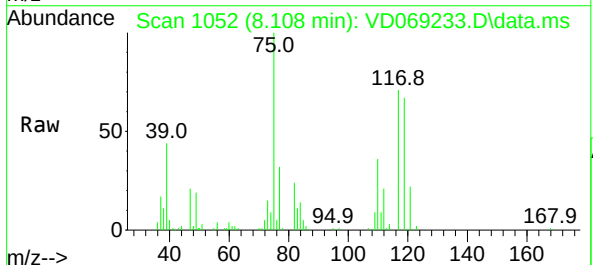
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

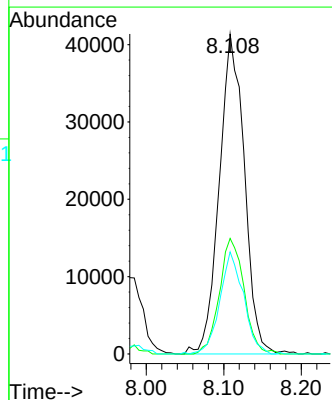
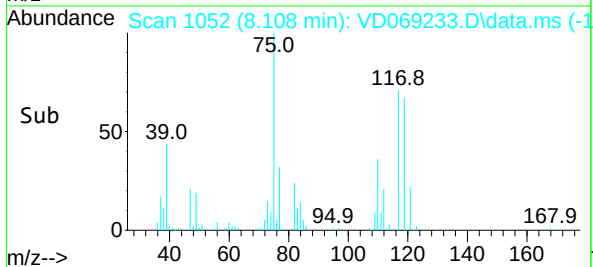
MMDadoda
5/24/2021 3:43:53 PM

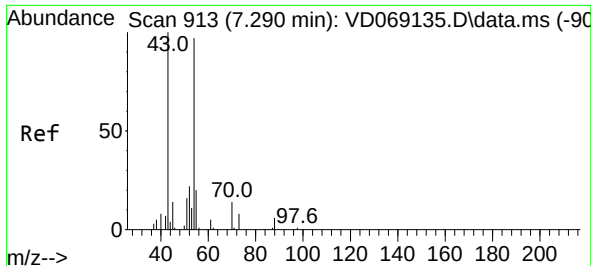


#36
1,1-Dichloropropene
Concen: 21.92 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

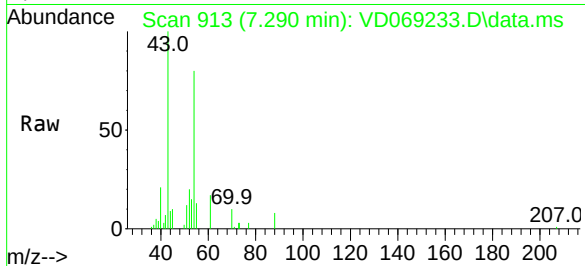


Tgt Ion: 75 Resp: 93080
Ion Ratio Lower Upper
75 100
110 35.5 18.8 56.4
77 30.2 25.2 37.8

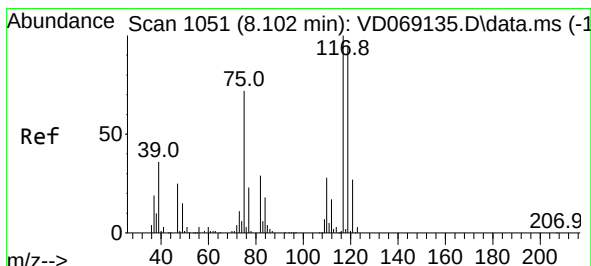
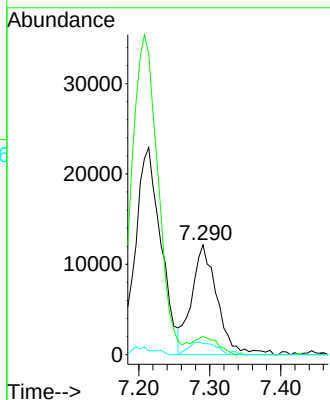
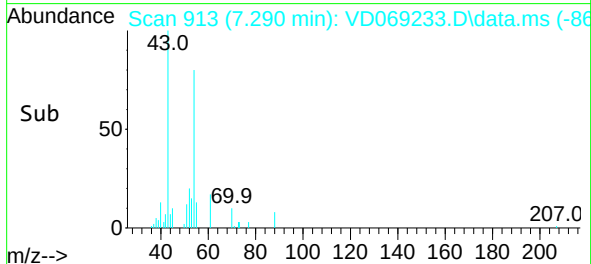




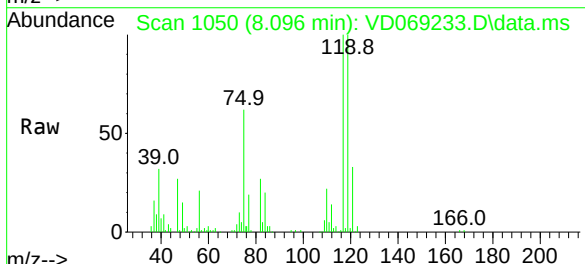
#37
Ethyl Acetate
Concen: 22.31 ug/l
RT: 7.290 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



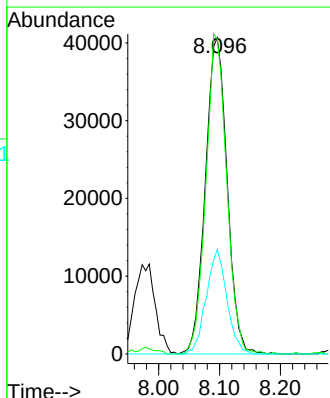
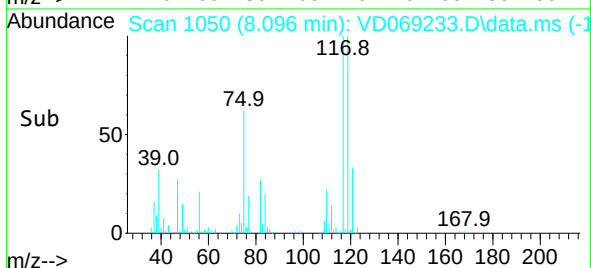
Tgt Ion:	43	Resp:	30446
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	11.9	10.4	15.6



#38
Carbon Tetrachloride
Concen: 21.30 ug/l
RT: 8.096 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



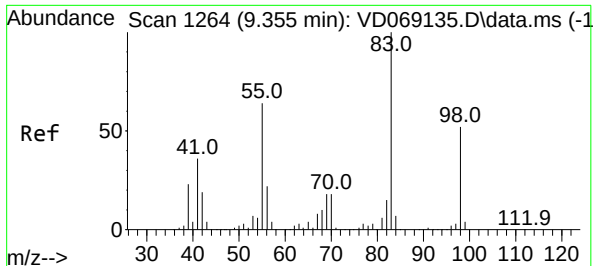
Tgt Ion:	117	Resp:	101125
Ion	Ratio	Lower	Upper
117	100		
119	99.6	76.2	114.2
121	33.0	21.9	32.9#



Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM



#39

Methylcyclohexane

Concen: 20.23 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD069233.D

Acq: 21 May 2021 12:35

Tgt Ion:	83	Resp:	90628
Ion	Ratio	Lower	Upper
83	100		
55	69.7	51.2	76.8
98	47.6	41.4	62.2

Instrument :

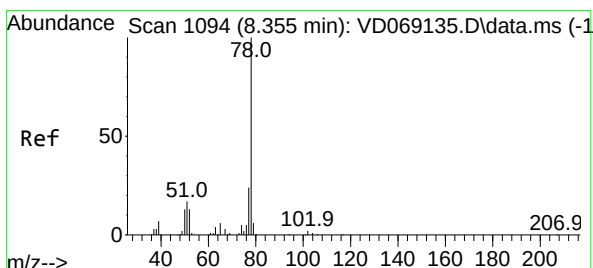
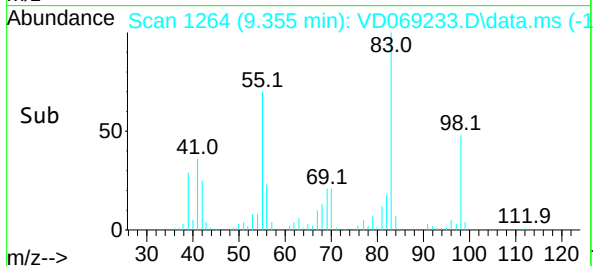
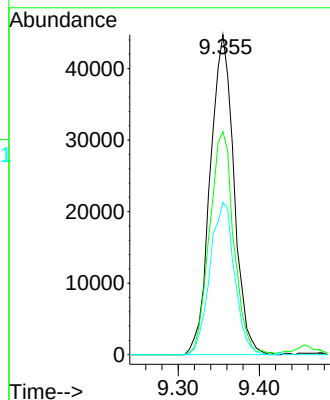
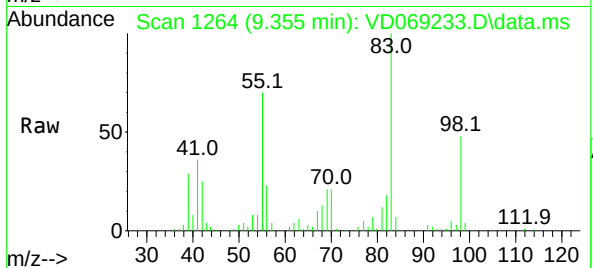
MSVOA_D

ClientSampleId :

VD0521SBS01

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM



#40

Benzene

Concen: 21.44 ug/l

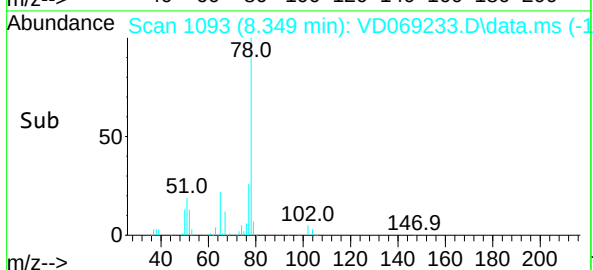
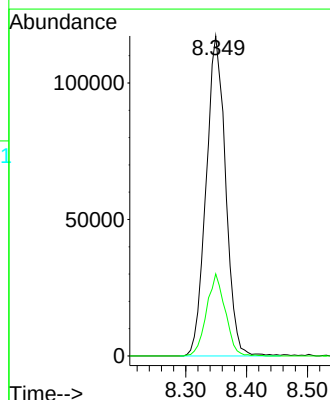
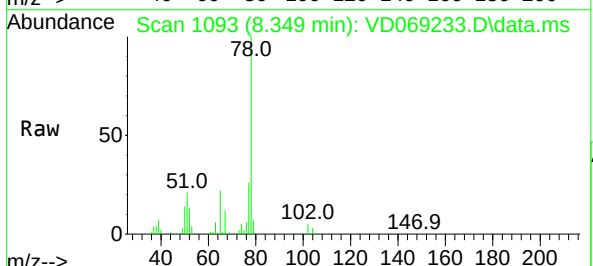
RT: 8.349 min Scan# 1093

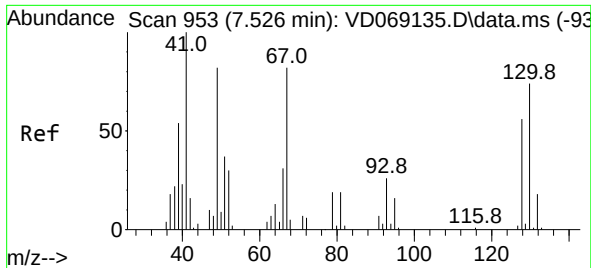
Delta R.T. -0.006 min

Lab File: VD069233.D

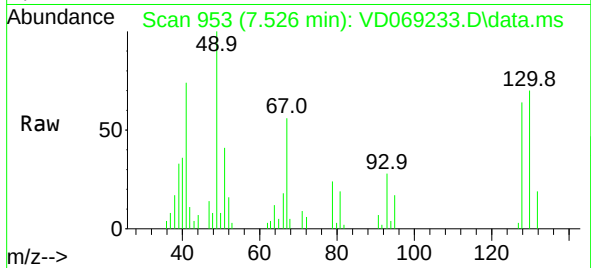
Acq: 21 May 2021 12:35

Tgt Ion:	78	Resp:	260801
Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.1	28.7

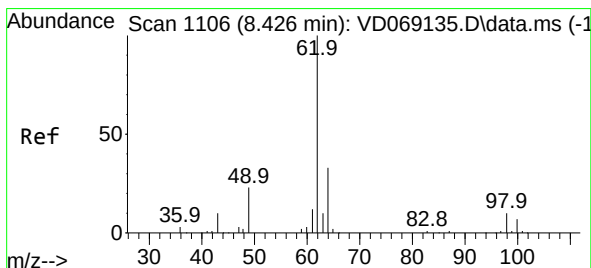
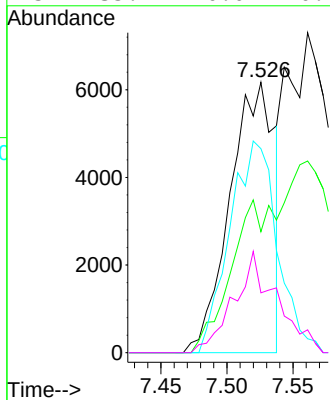
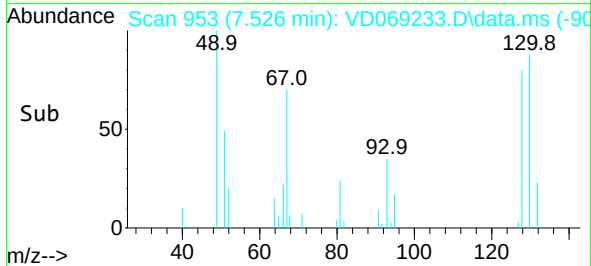




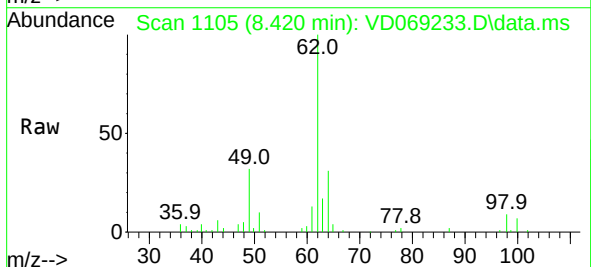
#41
Methacrylonitrile
Concen: 19.94 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



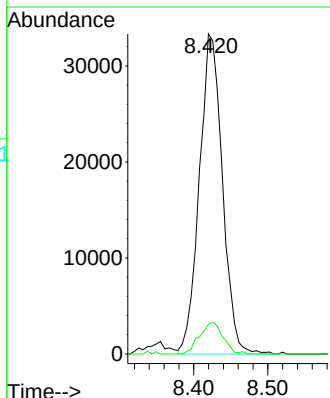
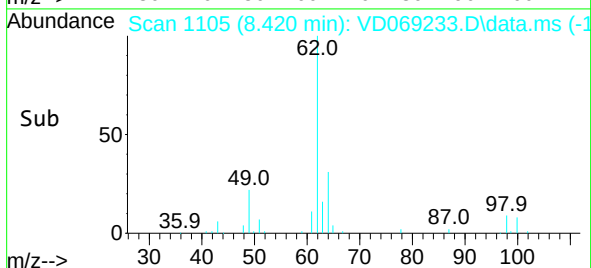
Tgt Ion: 41 Resp: 14483
Ion Ratio Lower Upper
41 100
39 39.9 58.0 87.0#
67 83.6 0.0 0.0#
52 35.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 21.70 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



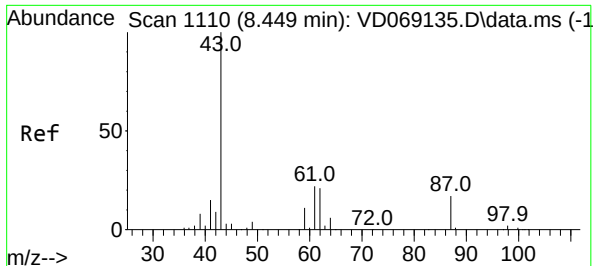
Tgt Ion: 62 Resp: 72087
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.6



Instrument :
MSVOA_D
ClientSampled :
VD0521SBS01

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM



#43

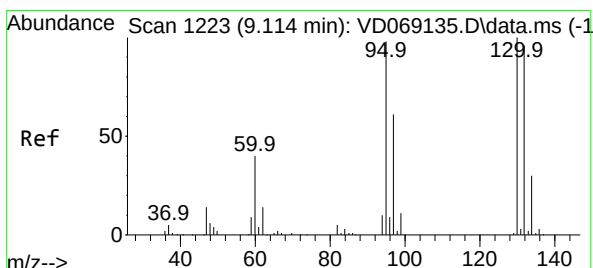
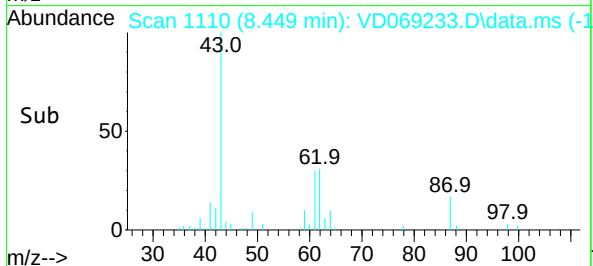
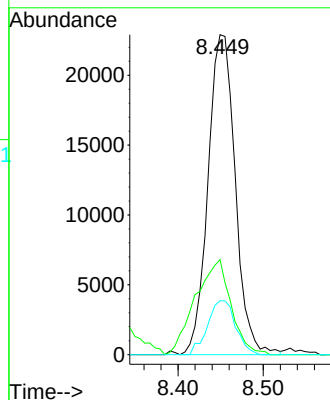
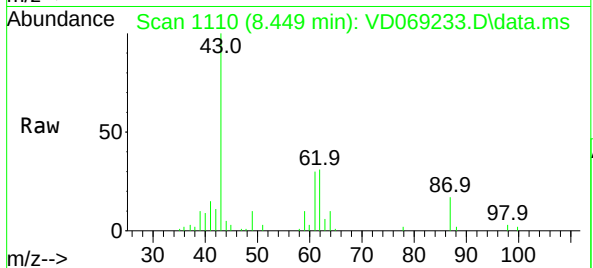
Isopropyl Acetate
Concen: 20.54 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion:	43	Resp:	50895
Ion Ratio	Lower	Upper	
43	100		
61	38.8	28.6	42.8
87	17.3	13.8	20.8

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

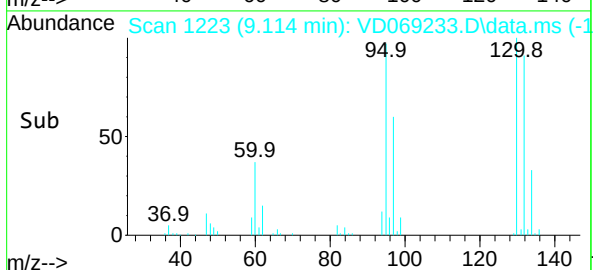
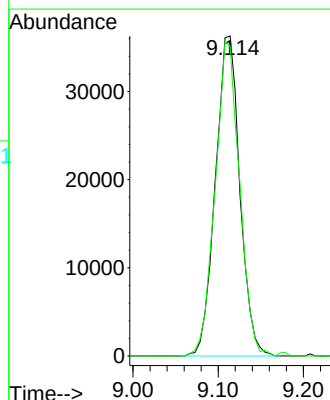
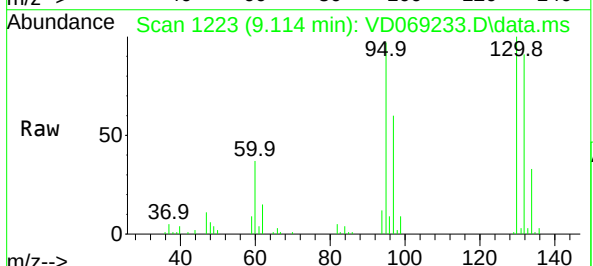
MMDadoda
5/24/2021 3:43:53 PM

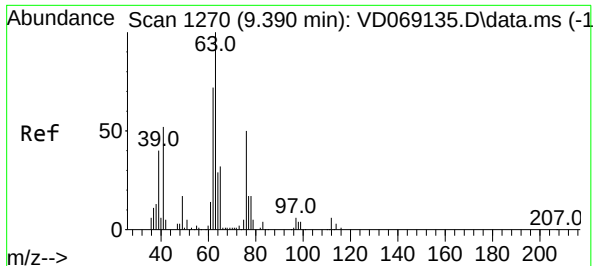


#44

Trichloroethene
Concen: 21.27 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

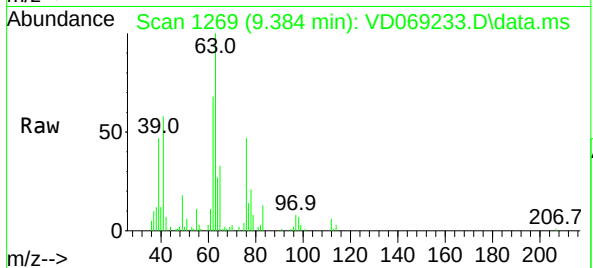
Tgt Ion:	130	Resp:	72315
Ion Ratio	Lower	Upper	
130	100		
95	96.8	0.0	196.2





#45
1,2-Dichloropropane
Concen: 21.47 ug/l
RT: 9.384 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

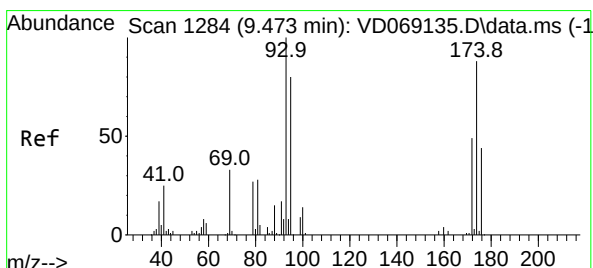
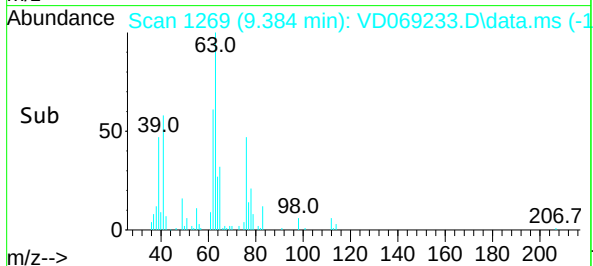
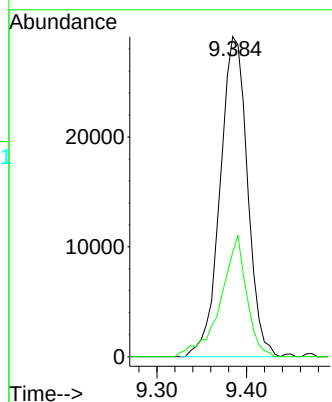
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01



Tgt Ion: 63 Resp: 61643
Ion Ratio Lower Upper
63 100
65 32.7 25.9 38.9

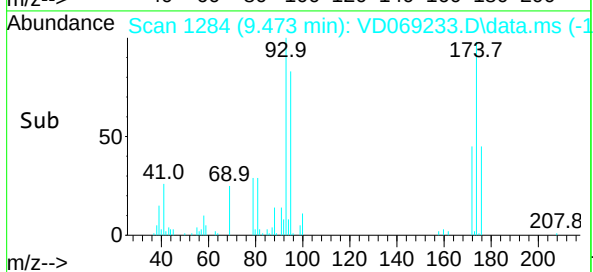
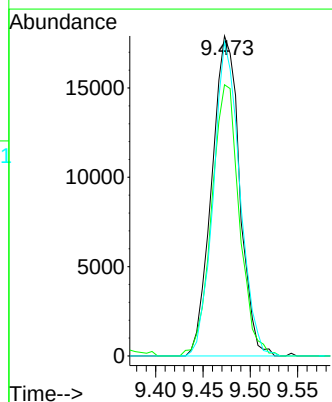
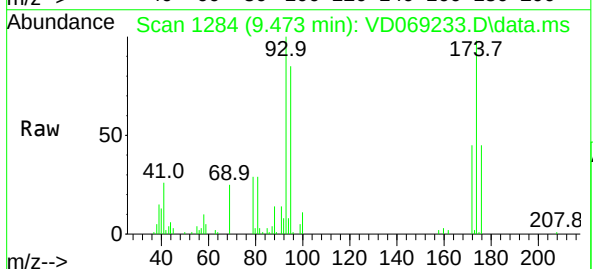
Manual Integrations
APPROVED

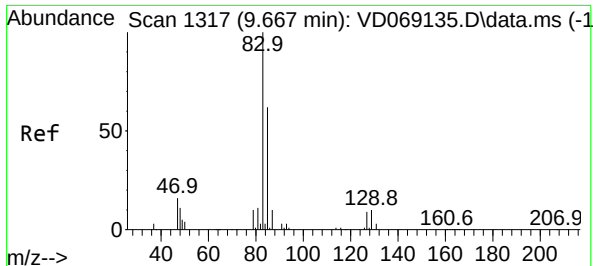
MMDadoda
5/24/2021 3:43:53 PM



#46
Dibromomethane
Concen: 21.35 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

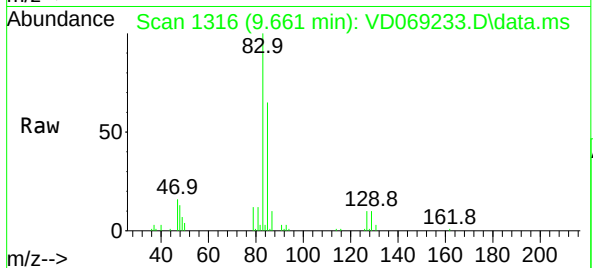
Tgt Ion: 93 Resp: 36654
Ion Ratio Lower Upper
93 100
95 84.1 65.9 98.9
174 93.3 76.6 115.0





#47
Bromodichloromethane
Concen: 21.37 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

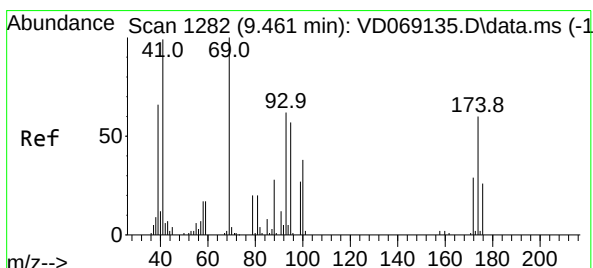
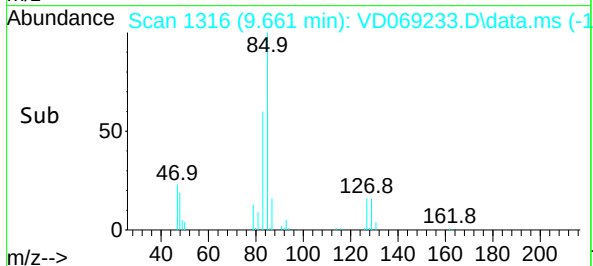
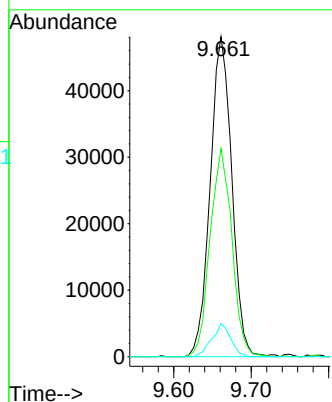
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01



Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.0	75.0
127	10.3	7.1	10.7

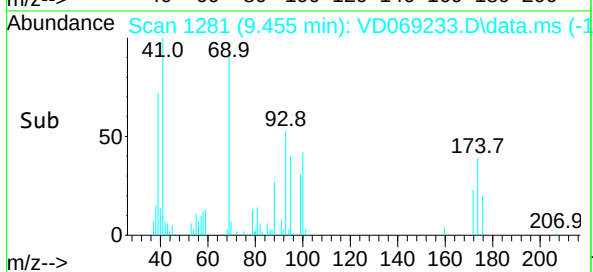
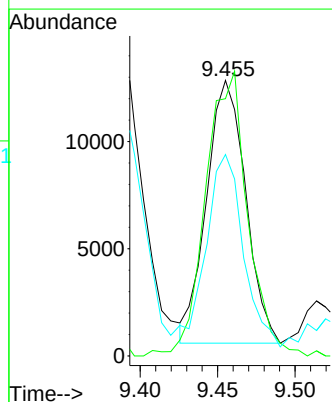
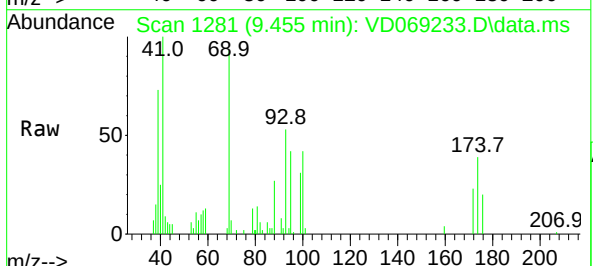
Manual Integrations
APPROVED

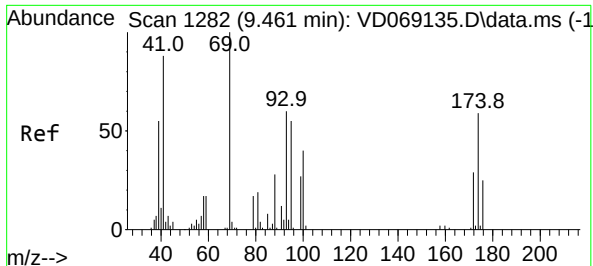
MMDadoda
5/24/2021 3:43:53 PM



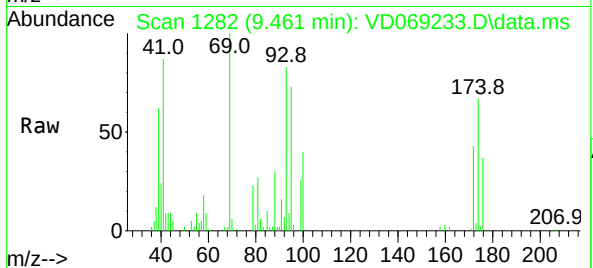
#48
Methyl methacrylate
Concen: 18.77 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion	Ratio	Lower	Upper
41	100		
69	116.8	88.0	132.0
39	78.5	51.4	77.0

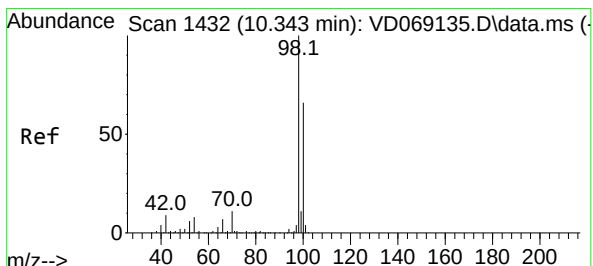
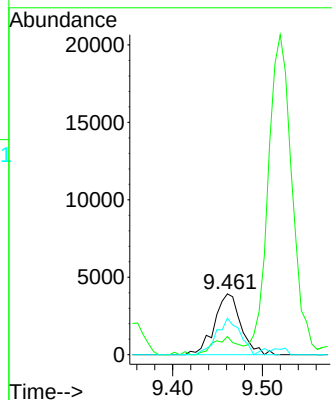
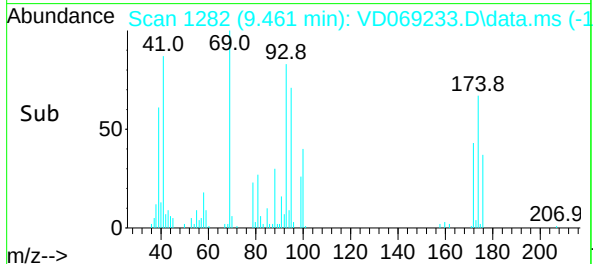




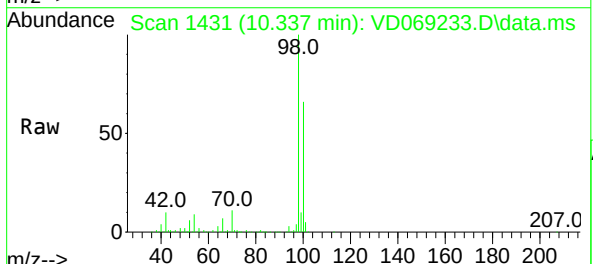
#49
1,4-Dioxane
Concen: 469.56 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



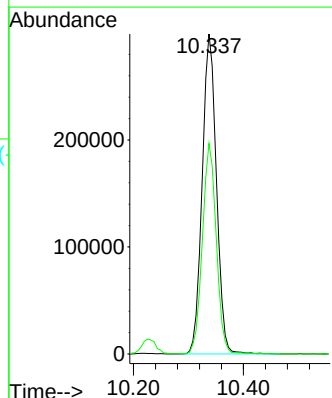
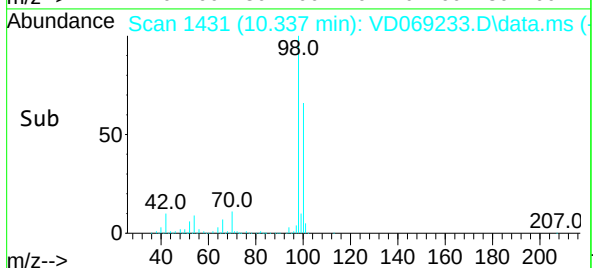
Tgt Ion: 88 Resp: 8011
Ion Ratio Lower Upper
88 100
43 26.5 26.7 40.1#
58 53.2 45.8 68.6



#50
Toluene-d8
Concen: 51.44 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



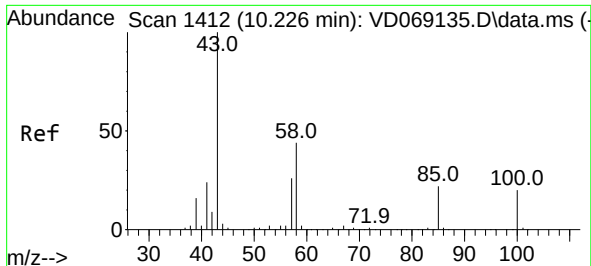
Tgt Ion: 98 Resp: 537317
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8



Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM



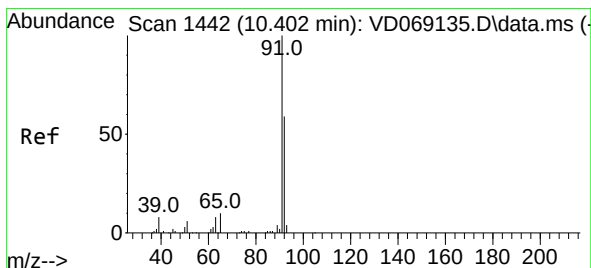
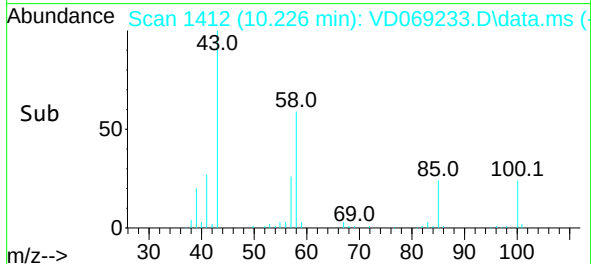
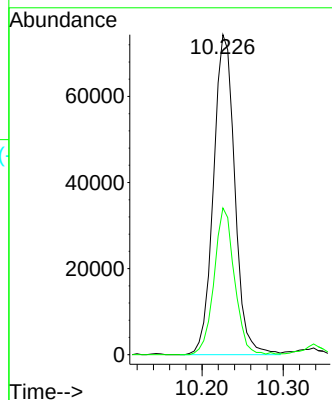
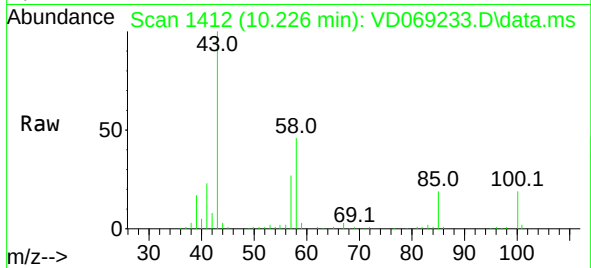
#51
4-Methyl-2-Pentanone
Concen: 106.36 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 43 Resp: 135600
Ion Ratio Lower Upper
43 100
58 44.0 35.0 52.4

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

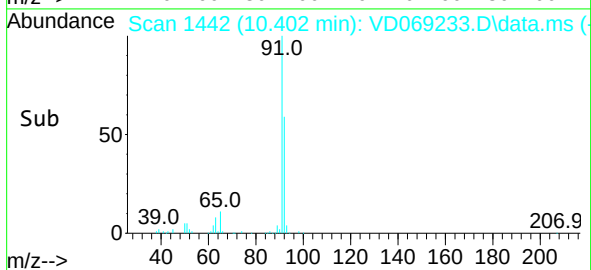
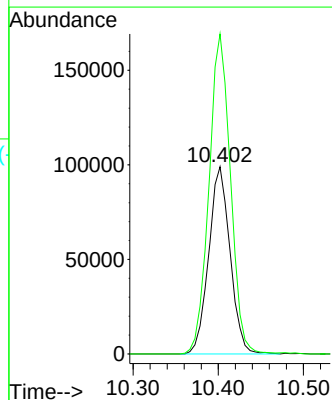
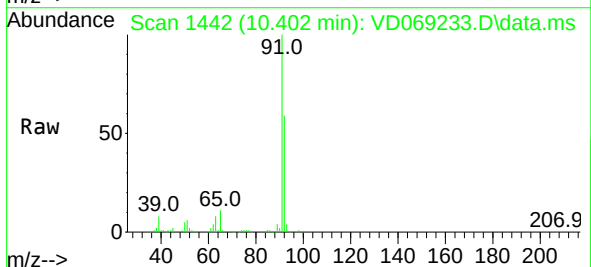
Manual Integrations
APPROVED

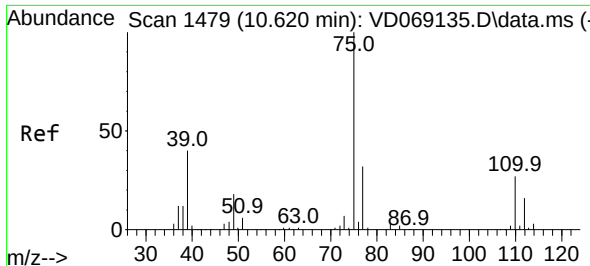
MMDadoda
5/24/2021 3:43:53 PM



#52
Toluene
Concen: 21.98 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 92 Resp: 172576
Ion Ratio Lower Upper
92 100
91 172.0 136.2 204.2





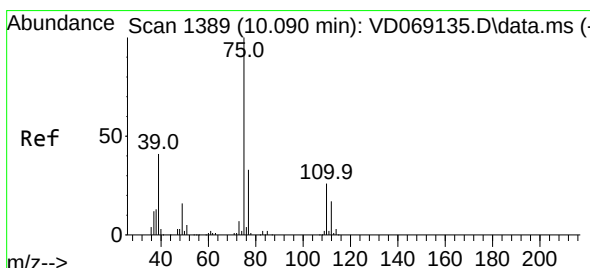
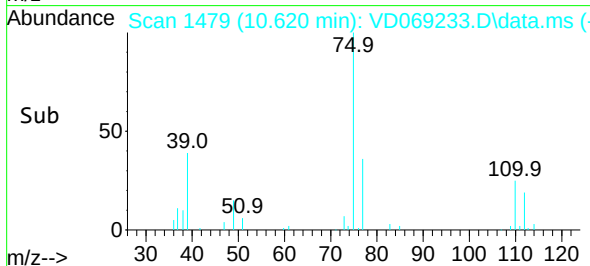
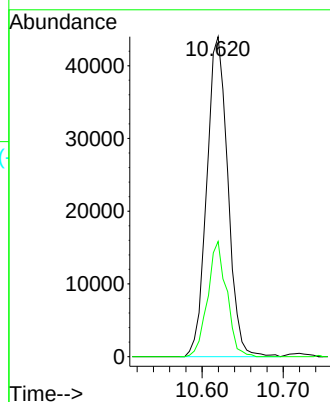
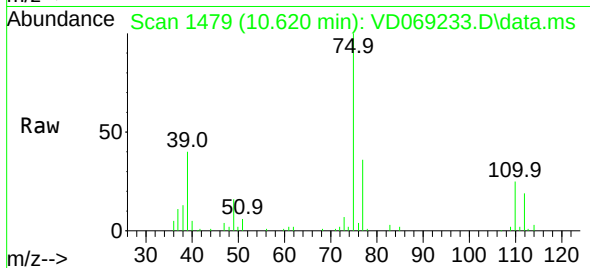
#53
t-1,3-Dichloropropene
Concen: 20.63 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 75 Resp: 79186
Ion Ratio Lower Upper
75 100
77 36.0 26.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

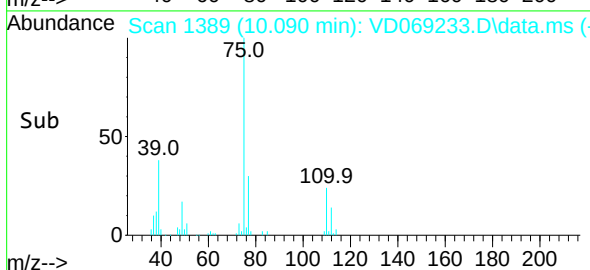
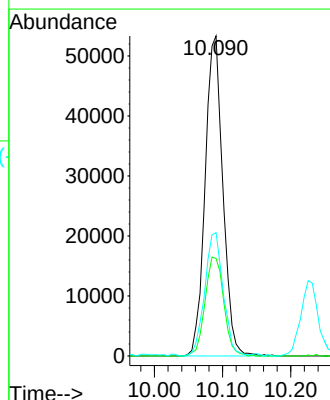
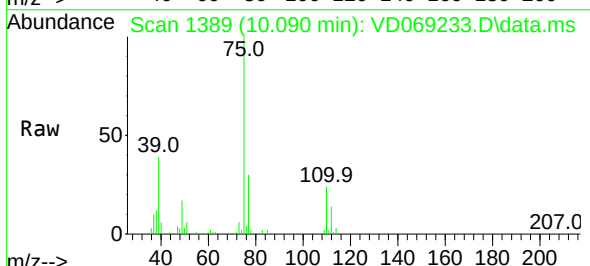
Manual Integrations
APPROVED

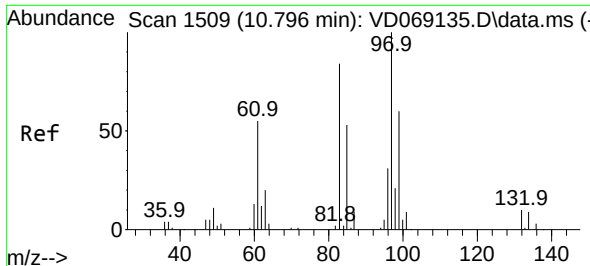
MMDadoda
5/24/2021 3:43:53 PM



#54
cis-1,3-Dichloropropene
Concen: 21.06 ug/l
RT: 10.090 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 75 Resp: 96631
Ion Ratio Lower Upper
75 100
77 30.5 26.2 39.4
39 38.5 32.9 49.3





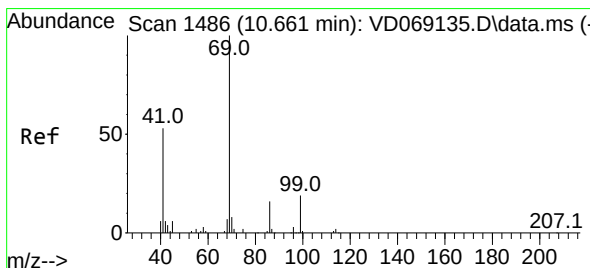
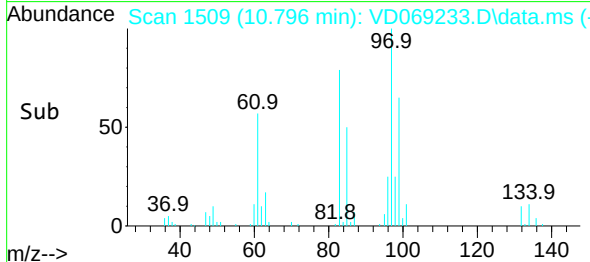
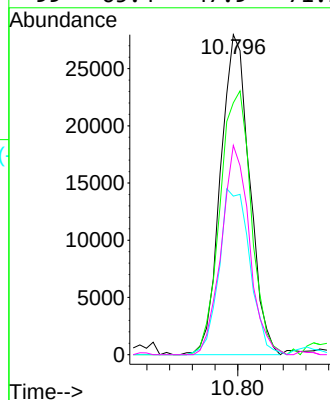
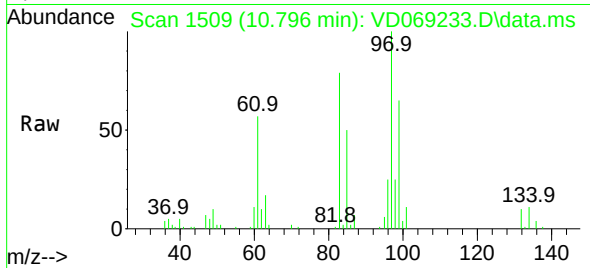
#55
1,1,2-Trichloroethane
Concen: 21.47 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion:	97	Resp:	49683
Ion	Ratio	Lower	Upper
97	100		
83	78.7	66.9	100.3
85	49.5	42.2	63.4
99	65.4	47.9	71.9

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

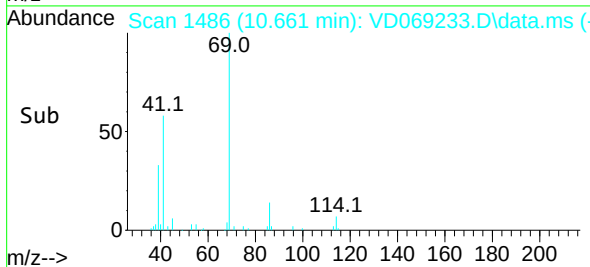
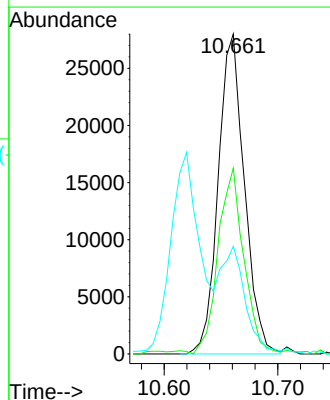
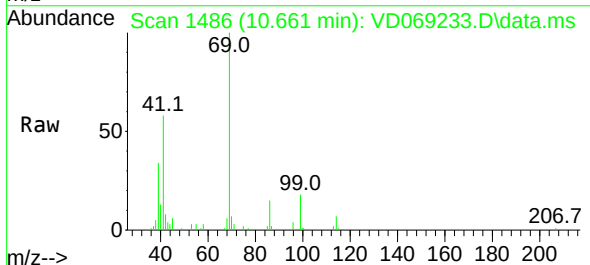
Manual Integrations
APPROVED

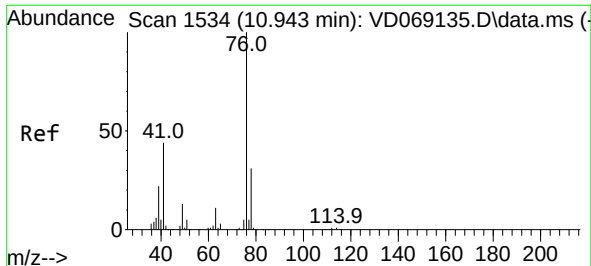
MMDadoda
5/24/2021 3:43:53 PM



#56
Ethyl methacrylate
Concen: 18.61 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion:	69	Resp:	44828
Ion	Ratio	Lower	Upper
69	100		
41	57.0	42.2	63.2
39	32.7	26.3	39.5





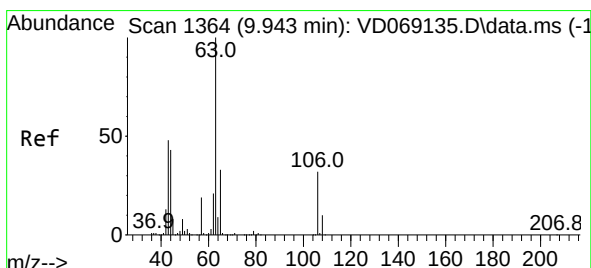
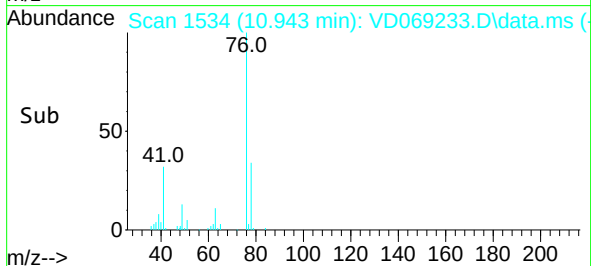
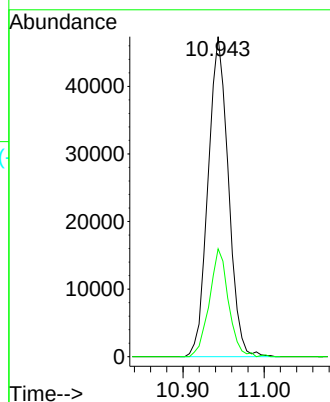
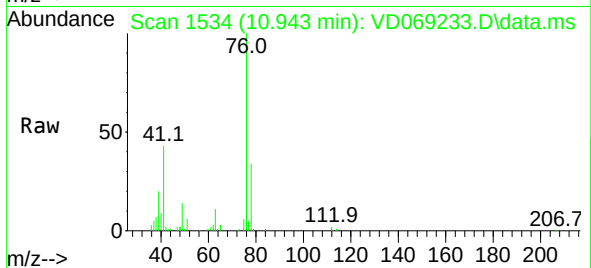
#57
1,3-Dichloropropane
Concen: 22.01 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 76 Resp: 82293
Ion Ratio Lower Upper
76 100
78 31.7 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

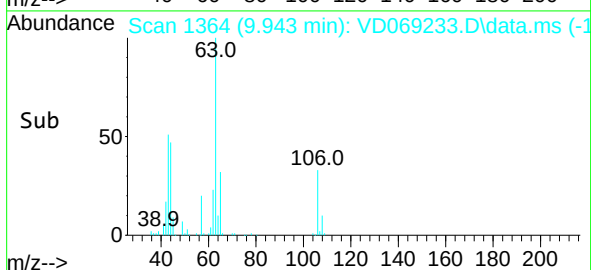
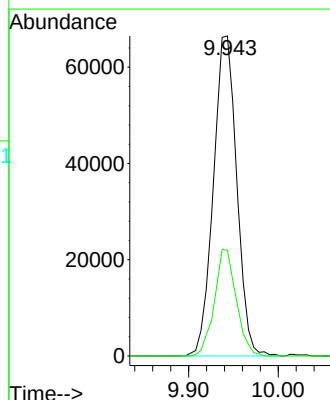
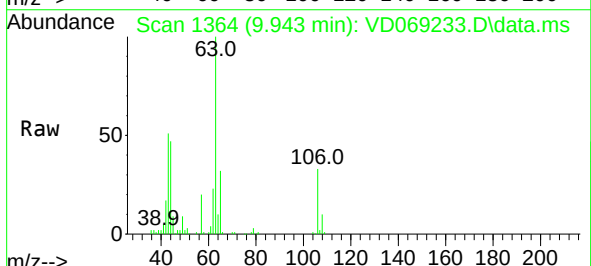
Manual Integrations
APPROVED

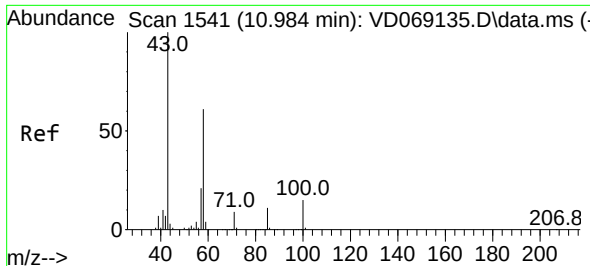
MMDadoda
5/24/2021 3:43:53 PM



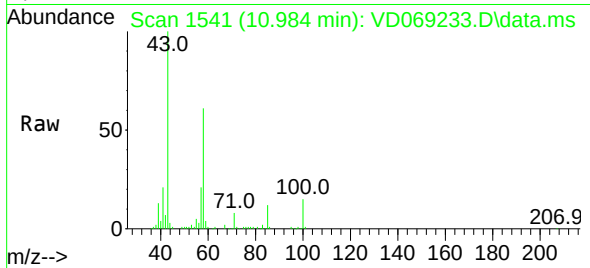
#58
2-Chloroethyl Vinyl ether
Concen: 105.09 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 63 Resp: 120365
Ion Ratio Lower Upper
63 100
106 31.1 25.3 37.9

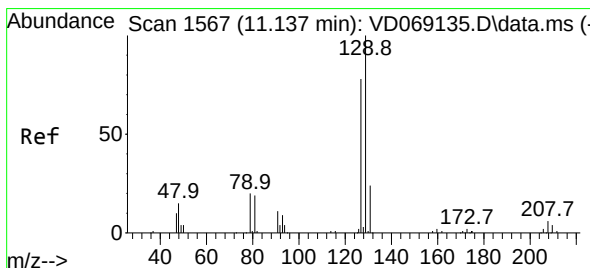
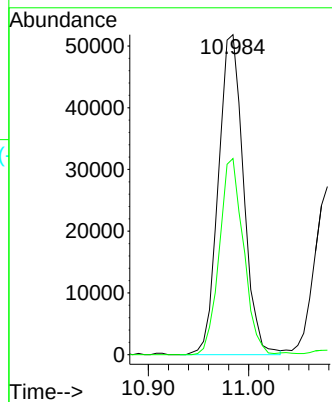
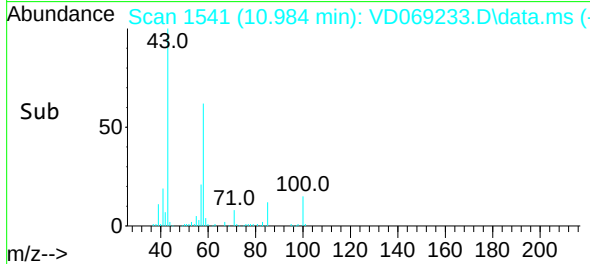




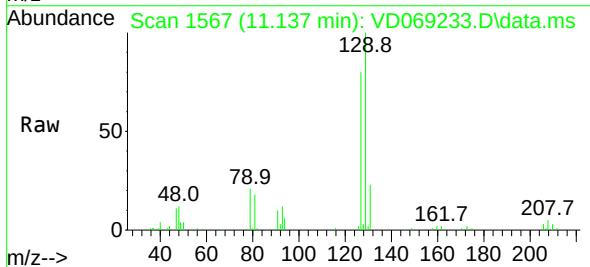
#59
2-Hexanone
Concen: 105.78 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



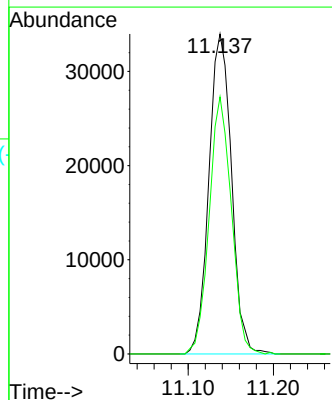
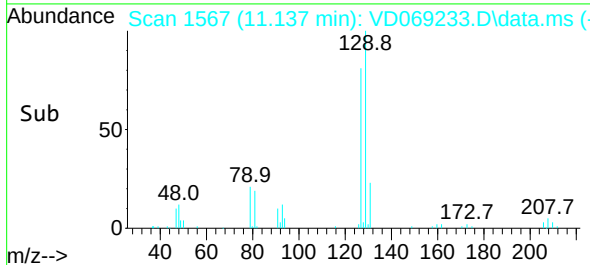
Tgt Ion: 43 Resp: 89995
Ion Ratio Lower Upper
43 100
58 59.0 31.1 93.5



#60
Dibromochloromethane
Concen: 21.02 ug/l
RT: 11.137 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



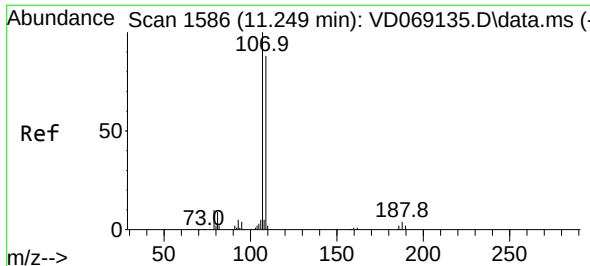
Tgt Ion: 129 Resp: 62469
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.5



Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM



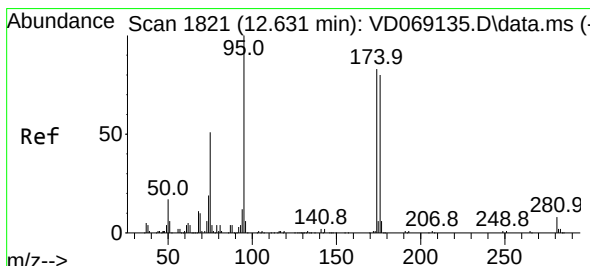
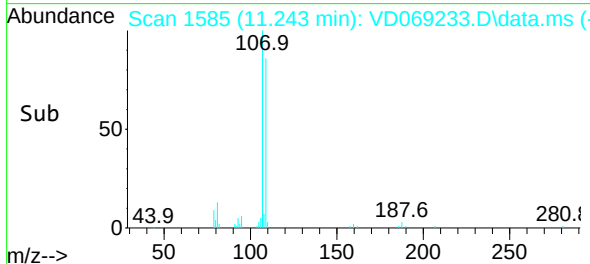
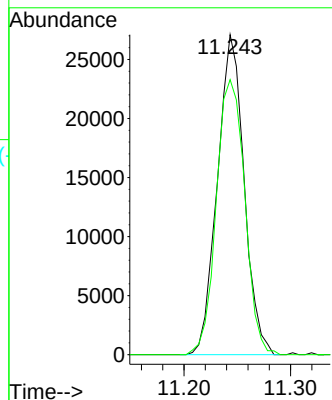
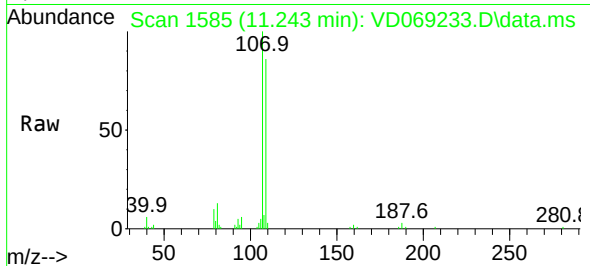
#61
1,2-Dibromoethane
Concen: 20.61 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 107 Resp: 47124
Ion Ratio Lower Upper
107 100
109 91.6 73.6 110.4

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

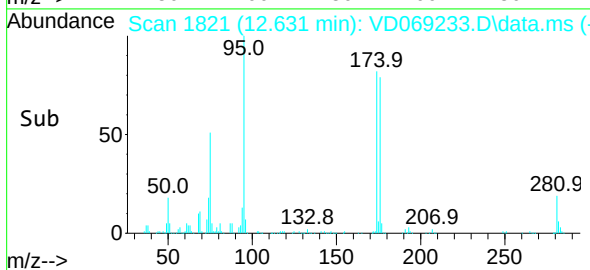
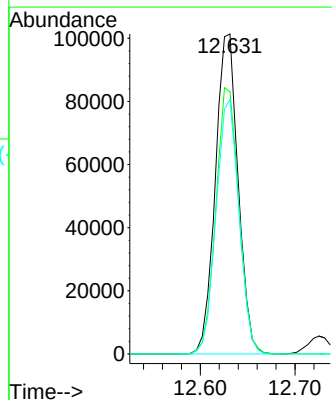
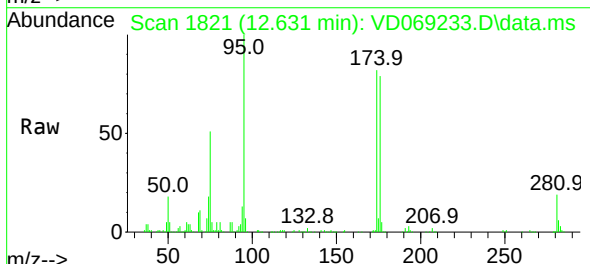
Manual Integrations
APPROVED

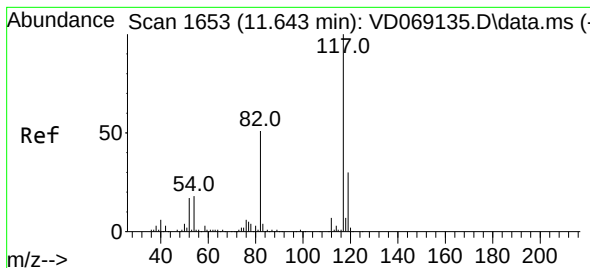
MMDadoda
5/24/2021 3:43:53 PM



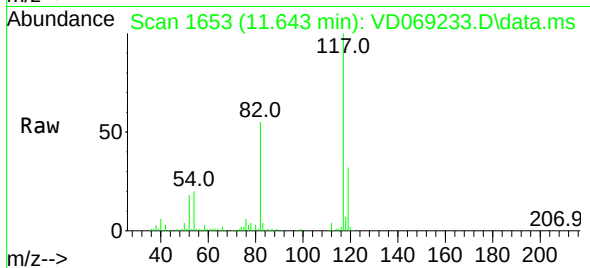
#62
4-Bromofluorobenzene
Concen: 50.46 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 95 Resp: 169617
Ion Ratio Lower Upper
95 100
174 83.7 0.0 171.8
176 80.2 0.0 165.4

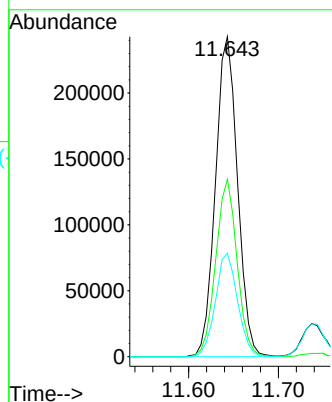
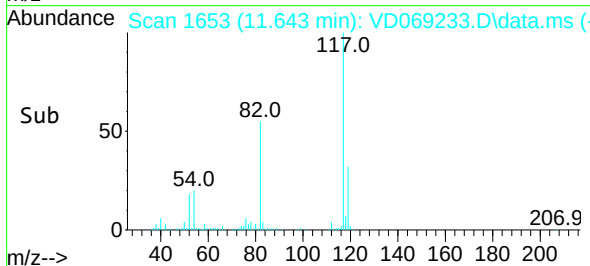




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



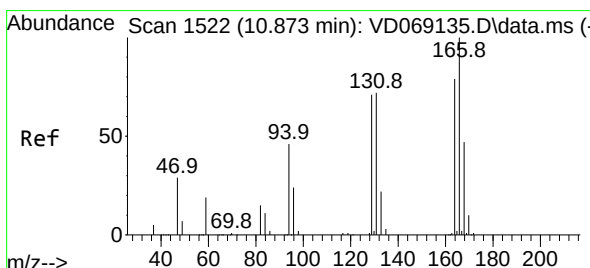
Tgt Ion:117 Resp: 414478
Ion Ratio Lower Upper
117 100
82 55.4 40.5 60.7
119 32.3 24.2 36.4



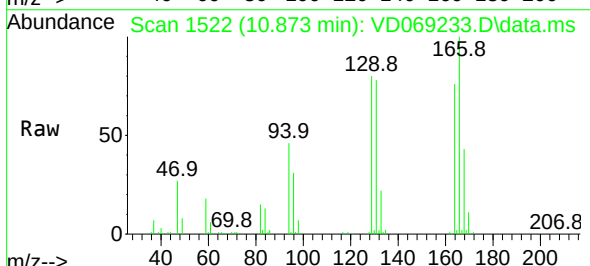
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

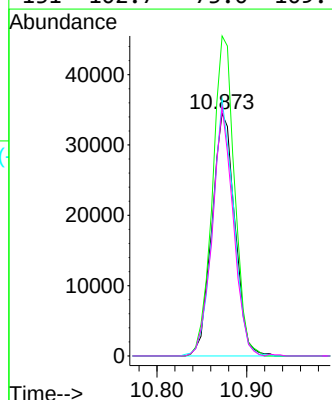
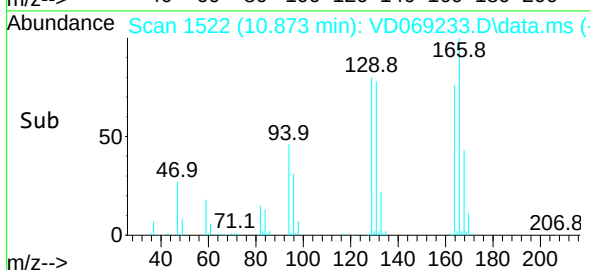
MMDadoda
5/24/2021 3:43:53 PM

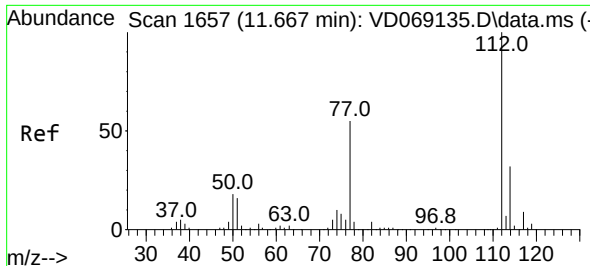


#64
Tetrachloroethene
Concen: 21.33 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



Tgt Ion:164 Resp: 61449
Ion Ratio Lower Upper
164 100
166 132.0 101.7 152.5
129 105.7 72.6 109.0
131 102.7 73.0 109.4





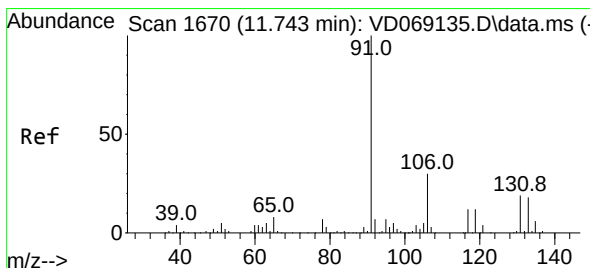
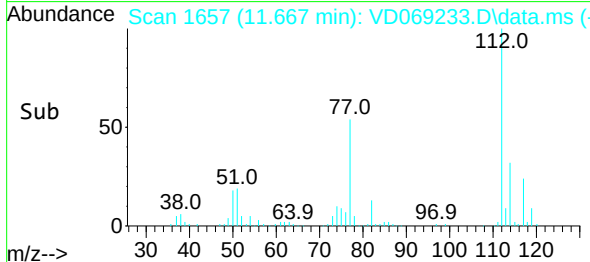
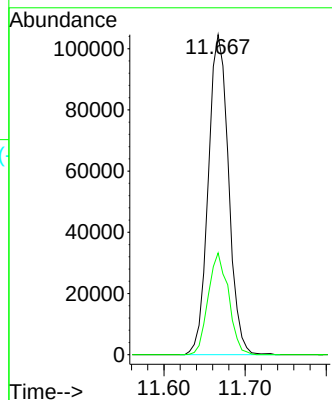
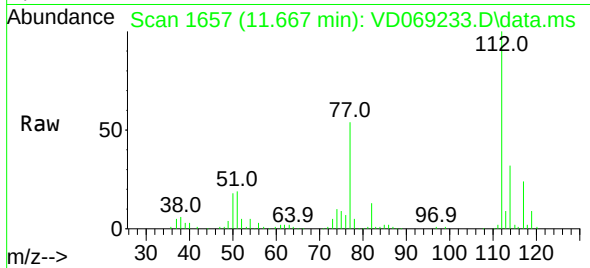
#65
Chlorobenzene
Concen: 21.12 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion:112 Resp: 181418
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

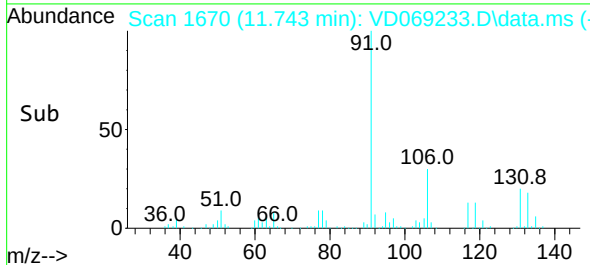
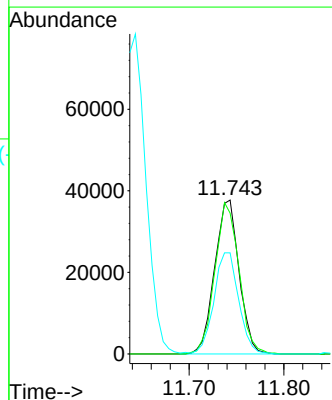
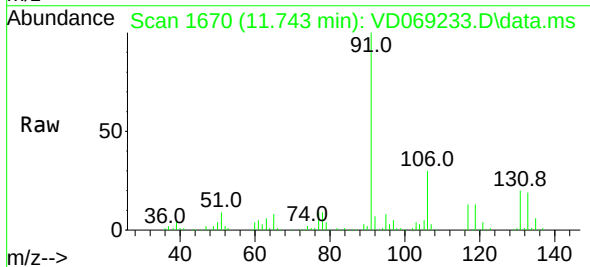
Manual Integrations
APPROVED

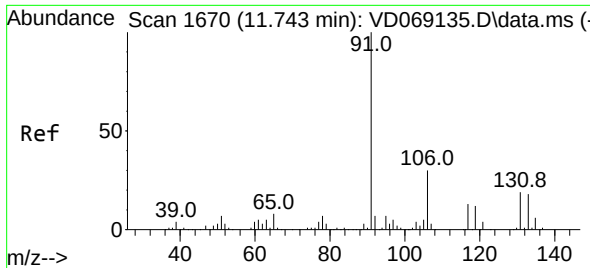
MMDadoda
5/24/2021 3:43:53 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.84 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion:131 Resp: 67512
Ion Ratio Lower Upper
131 100
133 97.0 47.5 142.5
119 66.7 32.1 96.5





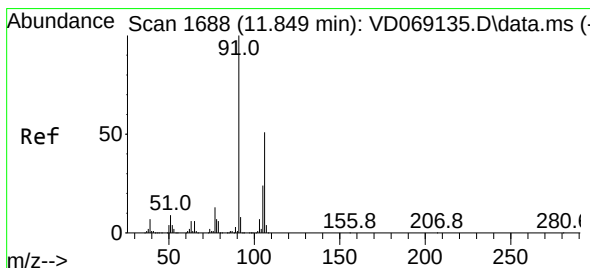
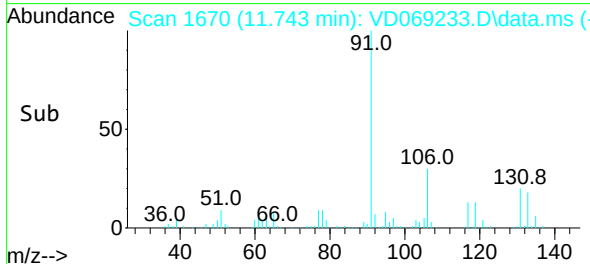
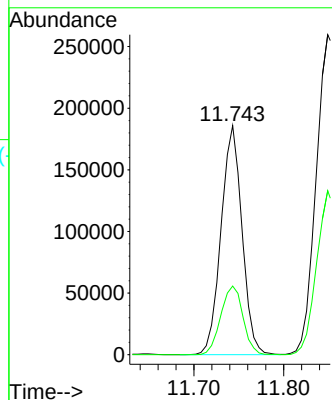
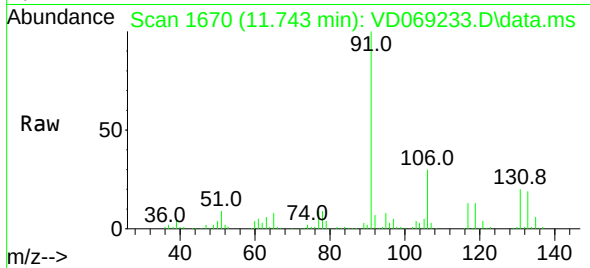
#67
Ethyl Benzene
Concen: 20.39 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 91 Resp: 301432
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

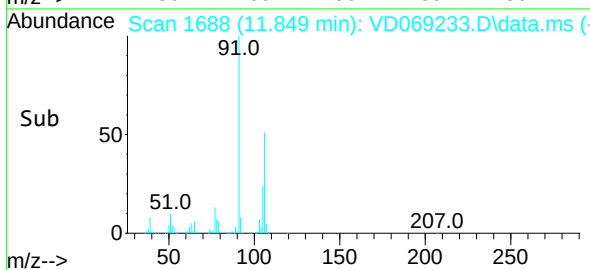
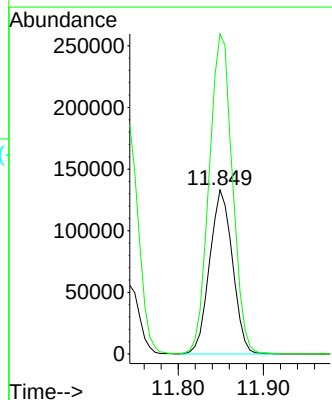
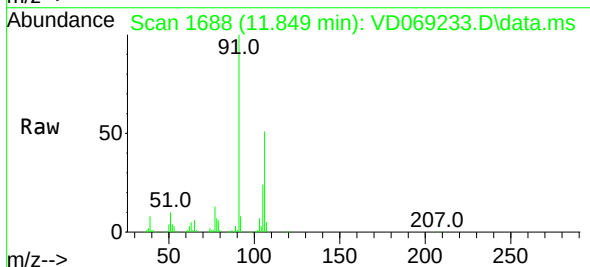
Manual Integrations
APPROVED

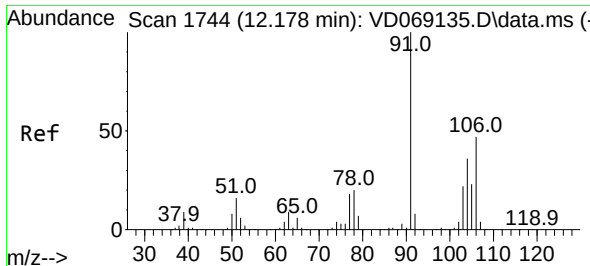
MMDadoda
5/24/2021 3:43:53 PM



#68
m/p-Xylenes
Concen: 42.93 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion:106 Resp: 248740
Ion Ratio Lower Upper
106 100
91 198.6 157.3 235.9





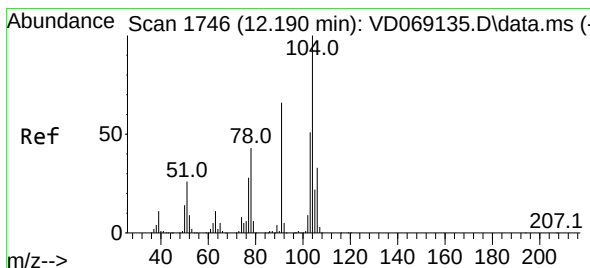
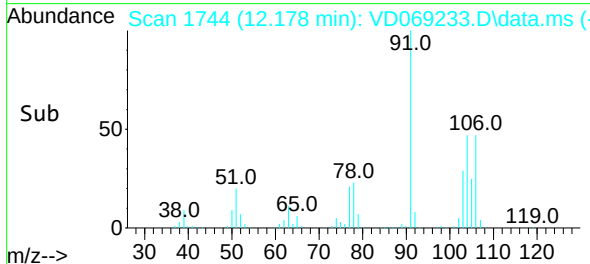
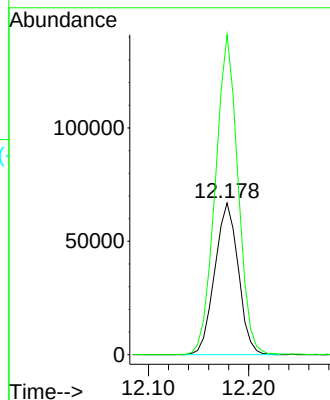
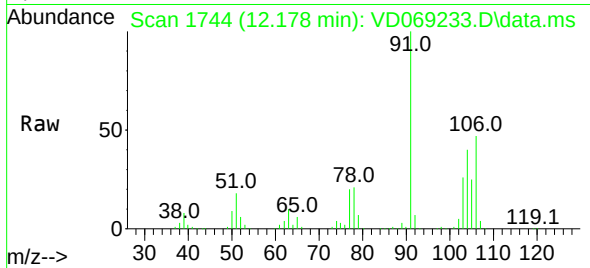
#69
o-Xylene
Concen: 21.10 ug/l
RT: 12.178 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion:106 Resp: 108722
Ion Ratio Lower Upper
106 100
91 204.2 104.8 314.6

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

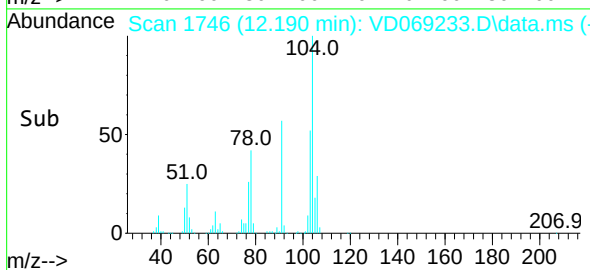
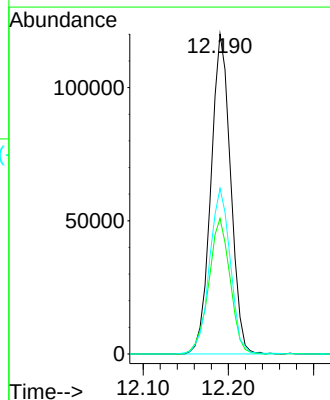
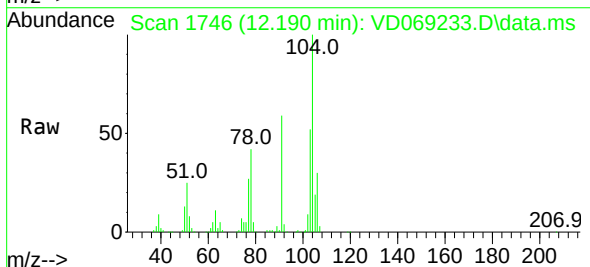
Manual Integrations
APPROVED

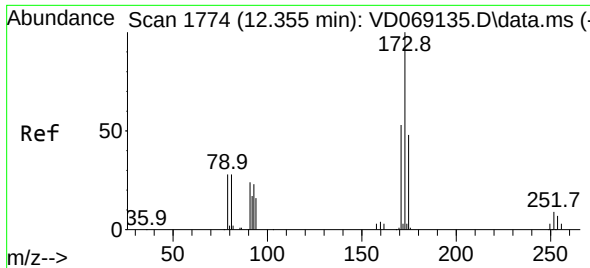
MMDadoda
5/24/2021 3:43:53 PM



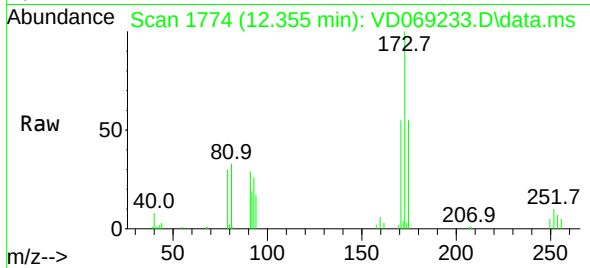
#70
Styrene
Concen: 21.45 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion:104 Resp: 192896
Ion Ratio Lower Upper
104 100
78 45.6 37.8 56.6
103 54.8 44.8 67.2

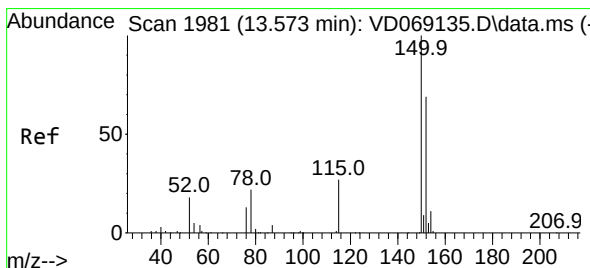
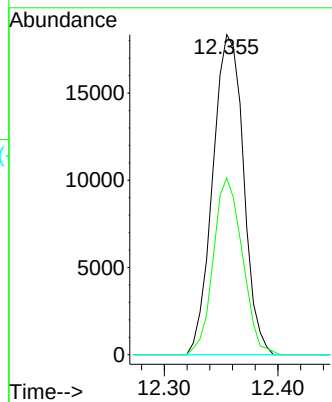
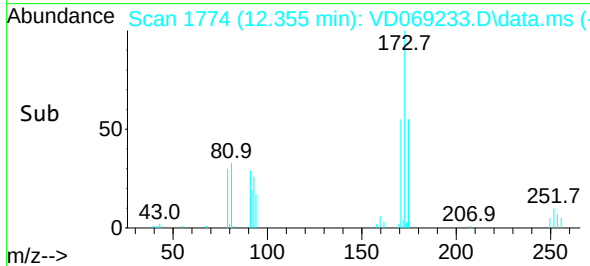




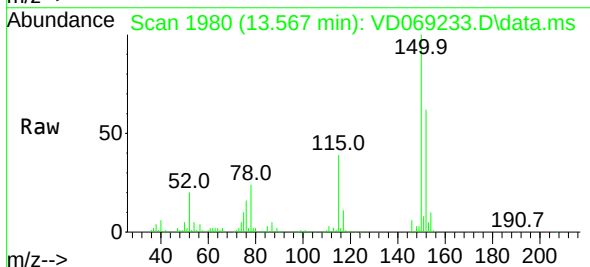
#71
Bromoform
Concen: 20.48 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



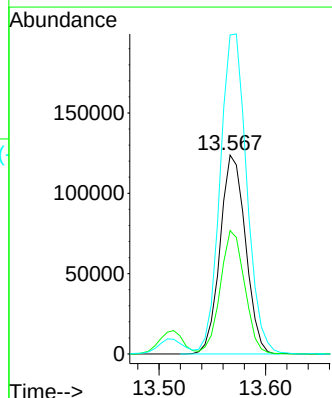
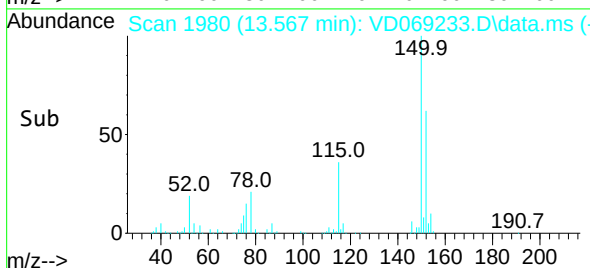
Tgt Ion:173 Resp: 34505
Ion Ratio Lower Upper
173 100
175 52.1 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



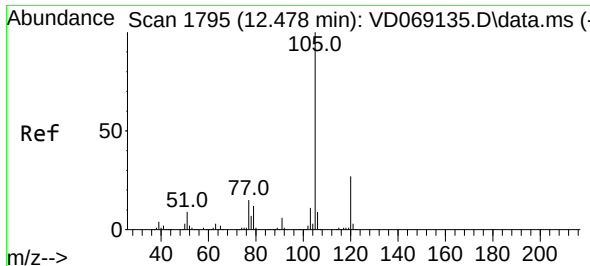
Tgt Ion:152 Resp: 205446
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.8
150 168.7 0.0 350.2



Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

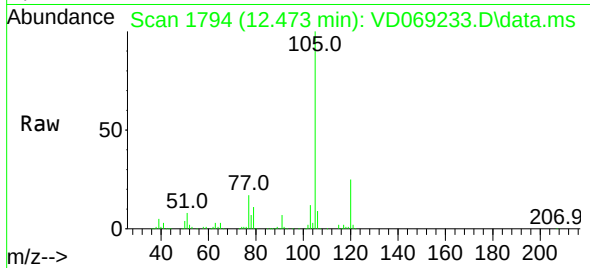
Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM



#73
Isopropylbenzene
Concen: 20.18 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

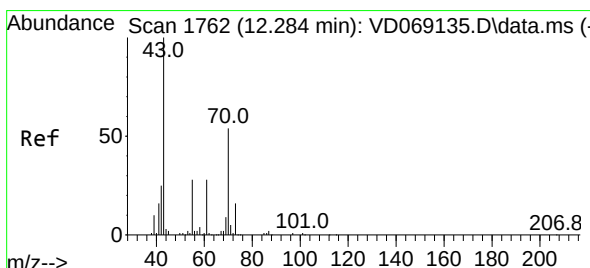
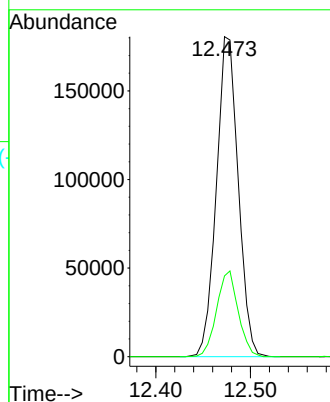
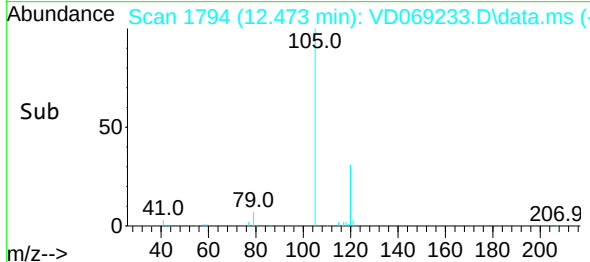
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01



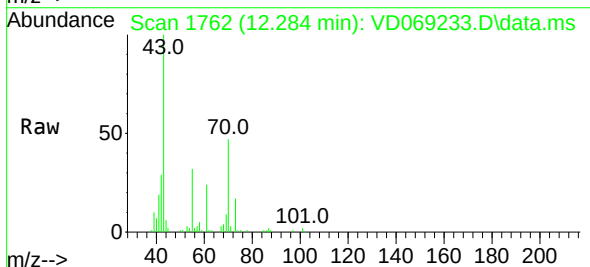
Tgt Ion:105 Resp: 289798
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

Manual Integrations
APPROVED

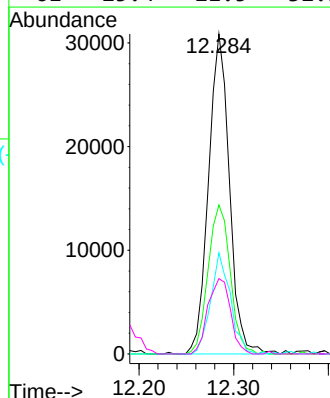
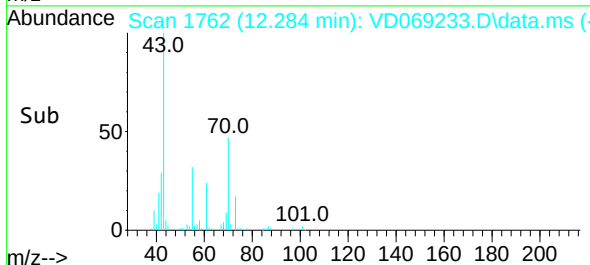
MMDadoda
5/24/2021 3:43:53 PM

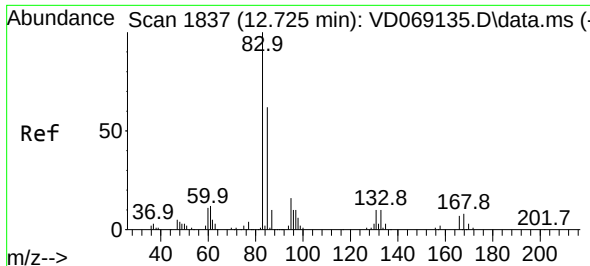


#74
N-ethyl acetate
Concen: 20.12 ug/l
RT: 12.284 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



Tgt Ion: 43 Resp: 47247
Ion Ratio Lower Upper
43 100
70 49.4 41.6 62.4
55 29.8 22.6 34.0
61 25.4 21.5 32.3





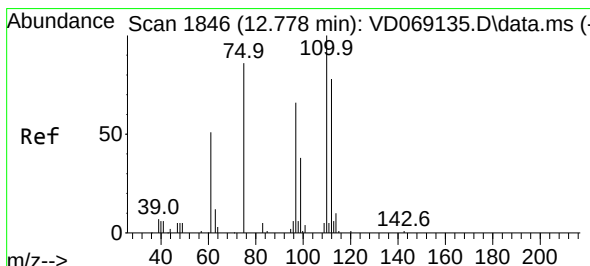
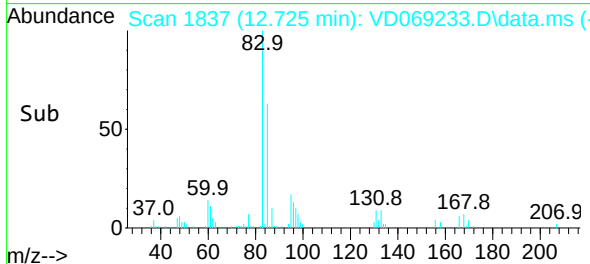
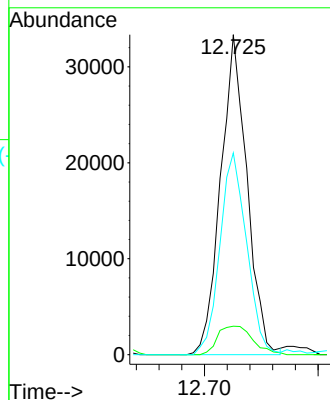
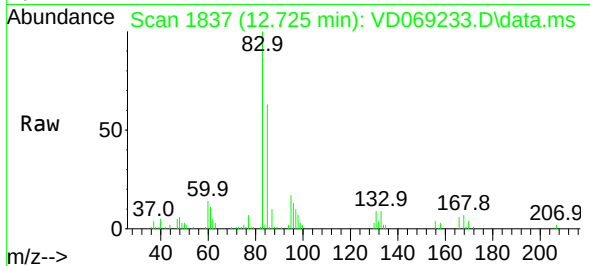
#75
1,1,2,2-Tetrachloroethane
Concen: 20.62 ug/l
RT: 12.725 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.4	16.2
85	64.0	31.9	95.5

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

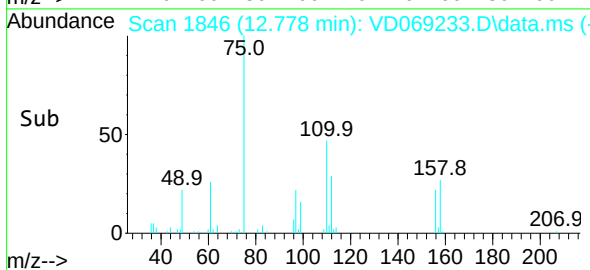
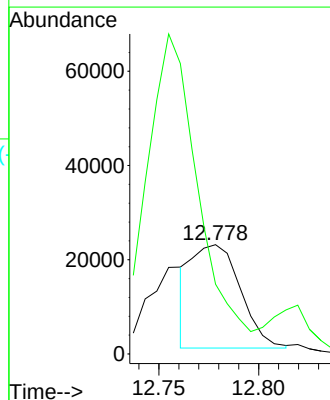
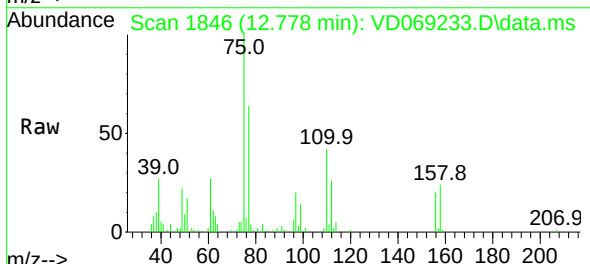
Manual Integrations
APPROVED

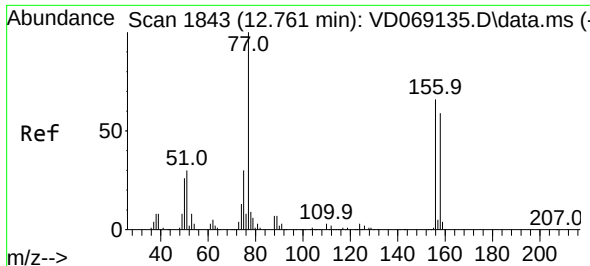
MMDadoda
5/24/2021 3:43:53 PM



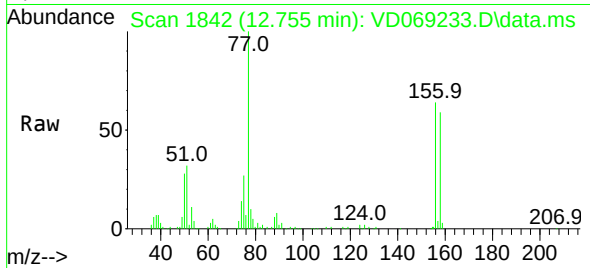
#76
1,2,3-Trichloropropane
Concen: 24.31 ug/l m
RT: 12.778 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

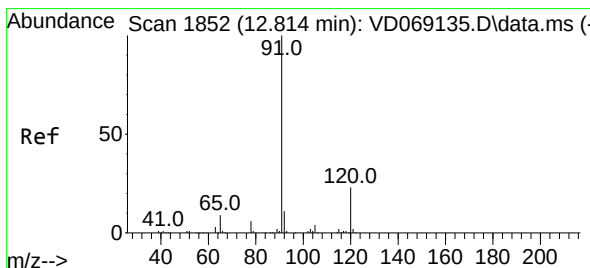
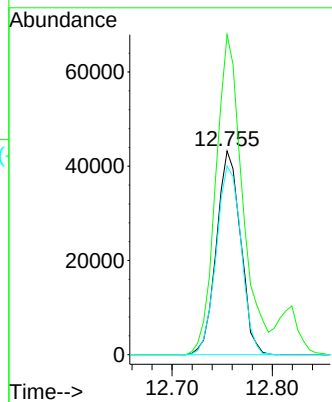
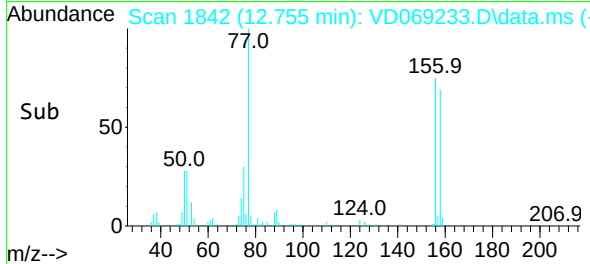




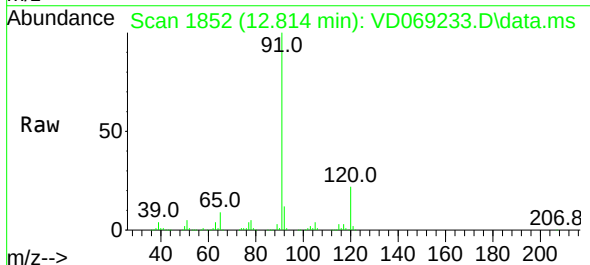
#77
Bromobenzene
Concen: 21.24 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



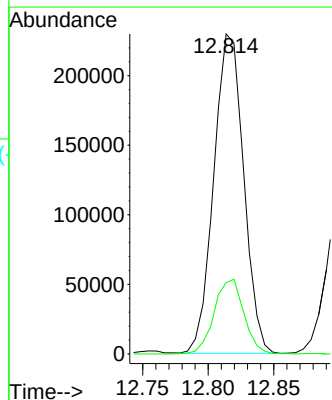
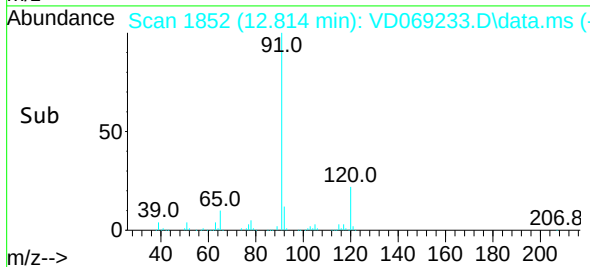
Tgt Ion:156 Resp: 72388
Ion Ratio Lower Upper
156 100
77 173.1 85.8 257.3
158 95.7 47.8 143.4



#78
n-propylbenzene
Concen: 20.99 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



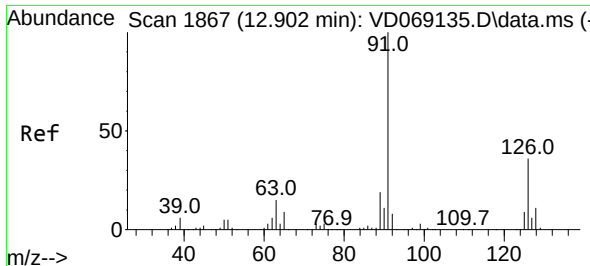
Tgt Ion: 91 Resp: 363686
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.7



Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM



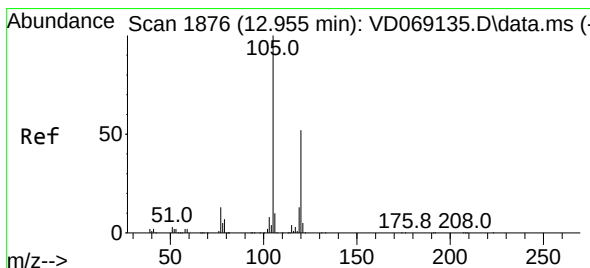
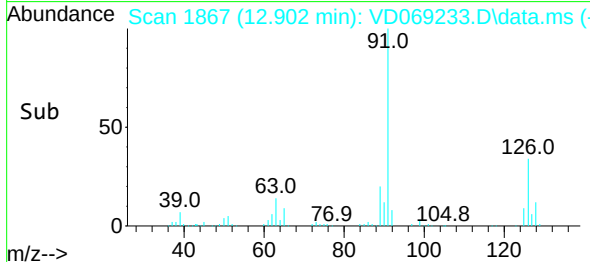
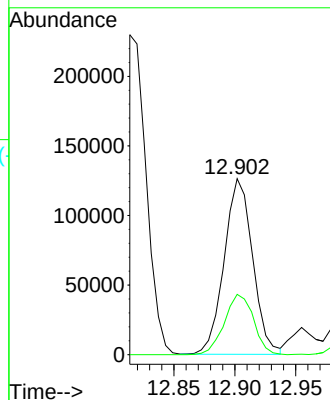
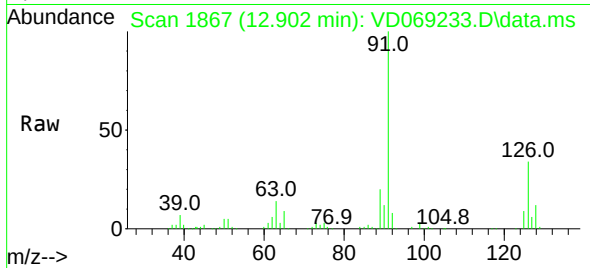
#79
2-Chlorotoluene
Concen: 21.38 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 91 Resp: 206137
Ion Ratio Lower Upper
91 100
126 35.0 18.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

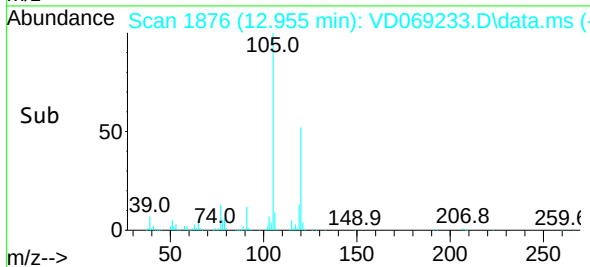
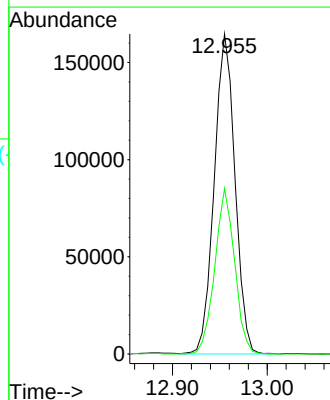
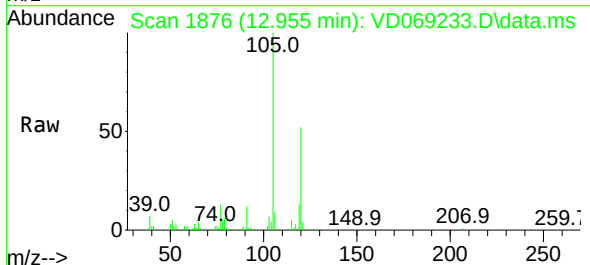
Manual Integrations
APPROVED

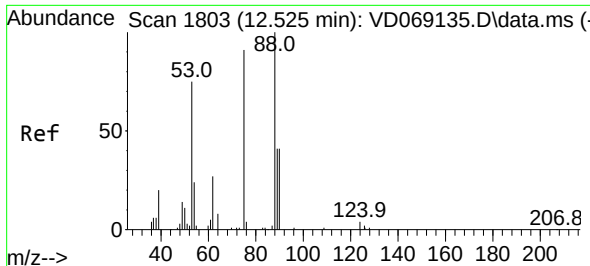
MMDadoda
5/24/2021 3:43:53 PM



#80
1,3,5-Trimethylbenzene
Concen: 21.14 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

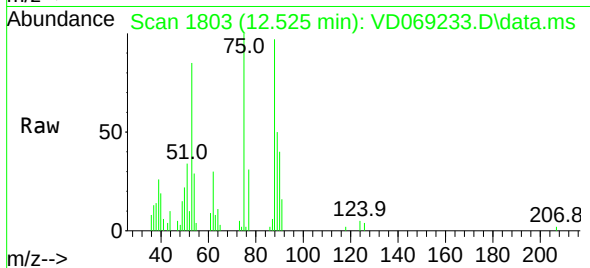
Tgt Ion: 105 Resp: 250253
Ion Ratio Lower Upper
105 100
120 49.5 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.27 ug/l
RT: 12.525 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

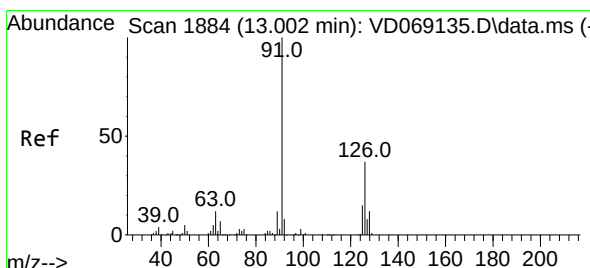
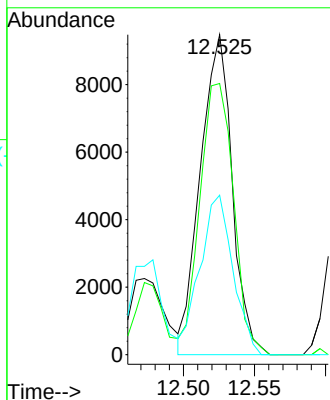
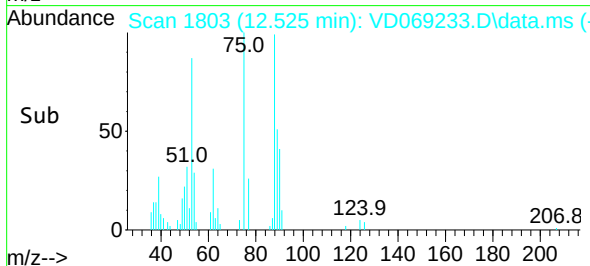
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01



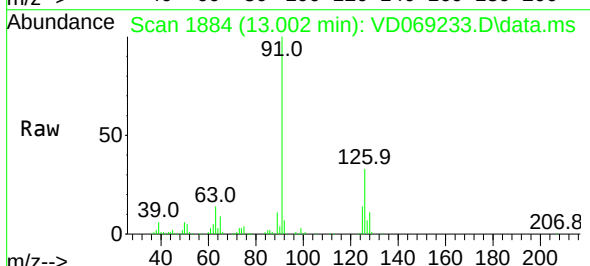
Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.0	70.0	105.0
89	51.9	40.2	60.2

Manual Integrations
APPROVED

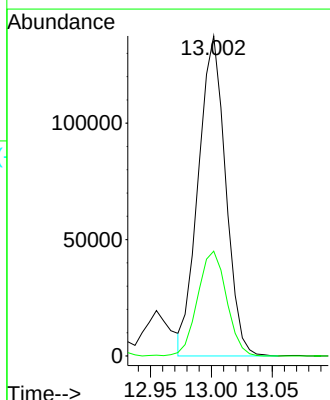
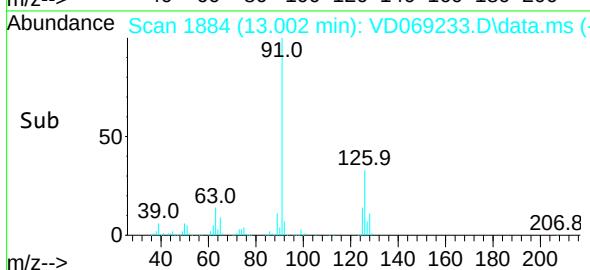
MMDadoda
5/24/2021 3:43:53 PM

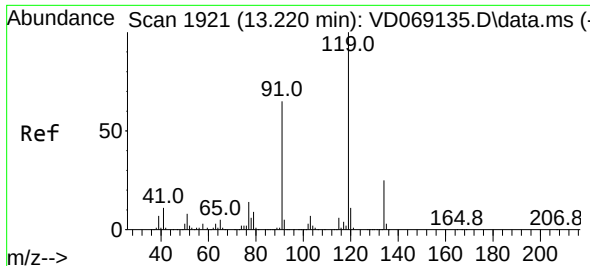


#82
4-Chlorotoluene
Concen: 20.92 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



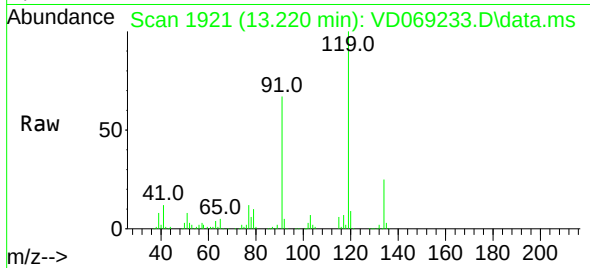
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.7	53.1





#83
tert-Butylbenzene
Concen: 20.40 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

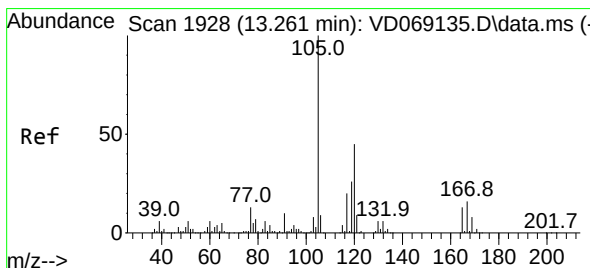
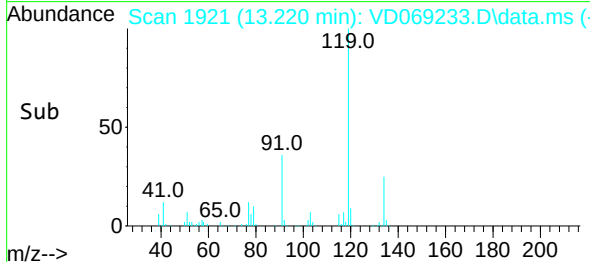
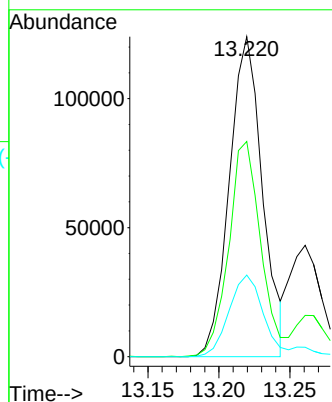
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01



Tgt Ion:119 Resp: 201244
Ion Ratio Lower Upper
119 100
91 65.8 32.5 97.4
134 26.3 13.8 41.3

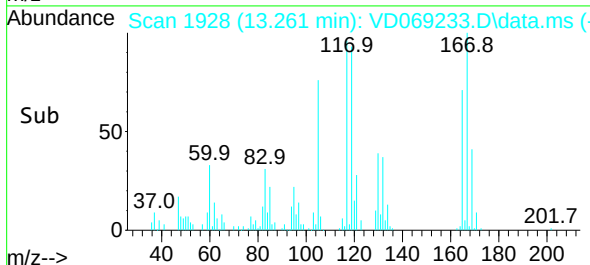
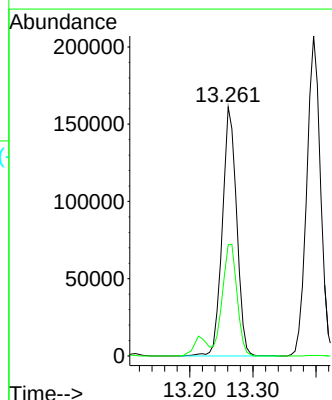
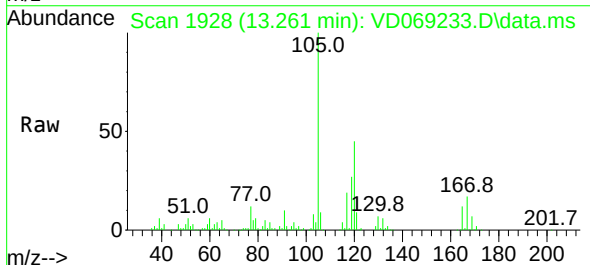
Manual Integrations
APPROVED

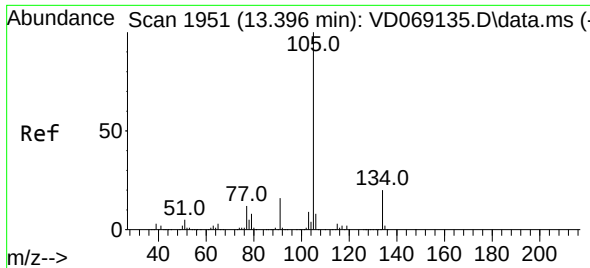
MMDadoda
5/24/2021 3:43:53 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.27 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

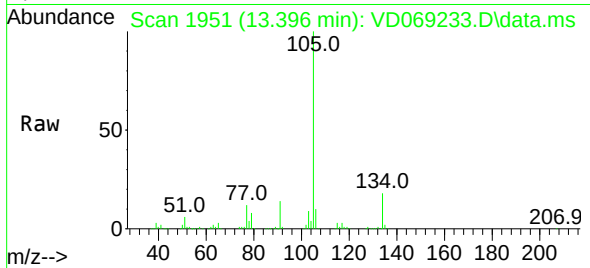
Tgt Ion:105 Resp: 253376
Ion Ratio Lower Upper
105 100
120 46.4 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.97 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VD069233.D
 Acq: 21 May 2021 12:35

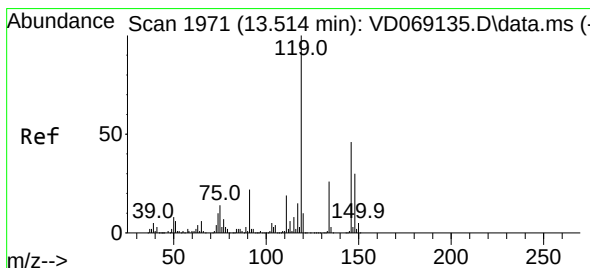
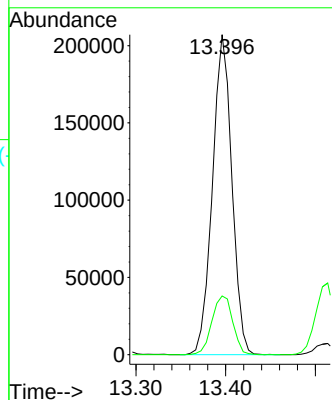
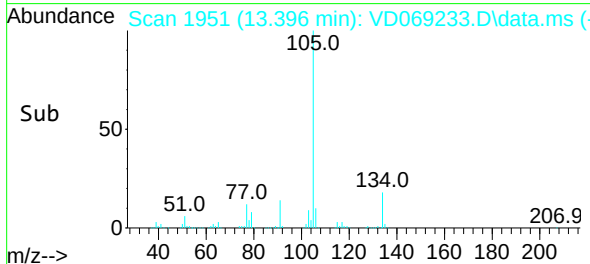
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBS01



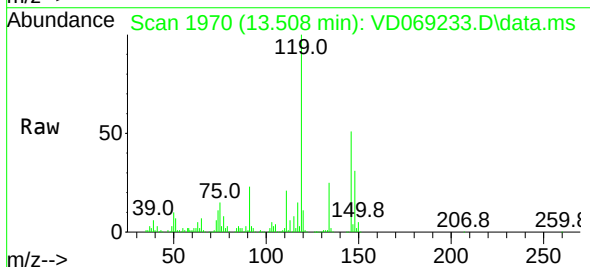
Tgt Ion:105 Resp: 311165
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.3 30.8

Manual Integrations
 APPROVED

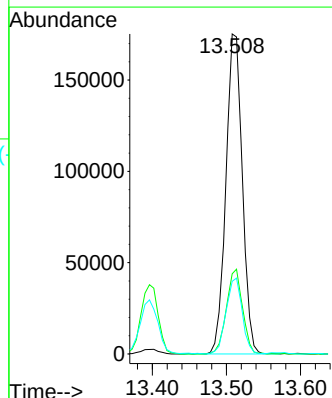
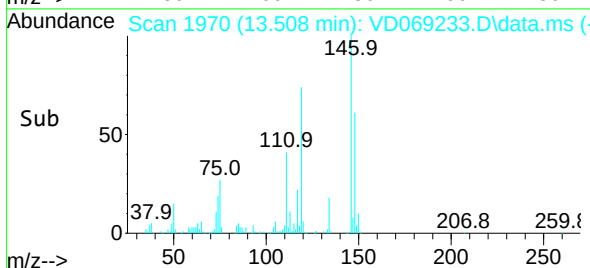
MMDadoda
 5/24/2021 3:43:53 PM

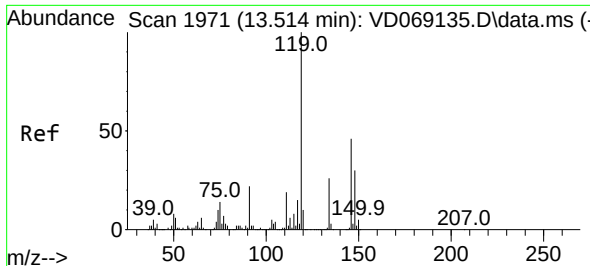


#86
 p-Isopropyltoluene
 Concen: 20.65 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.006 min
 Lab File: VD069233.D
 Acq: 21 May 2021 12:35



Tgt Ion:119 Resp: 269214
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 23.3 11.3 33.9





#87

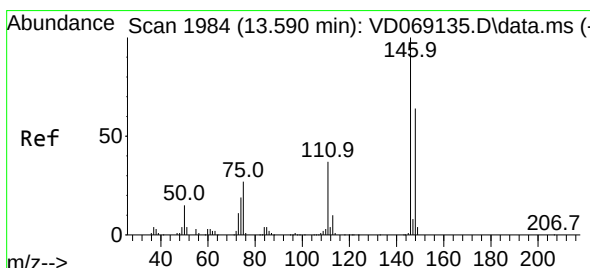
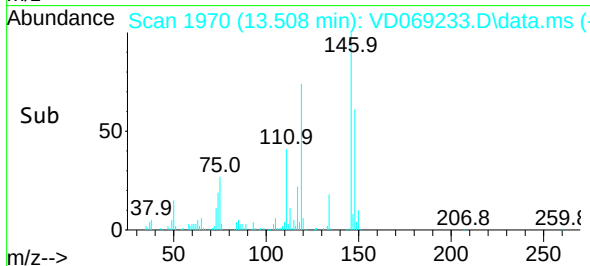
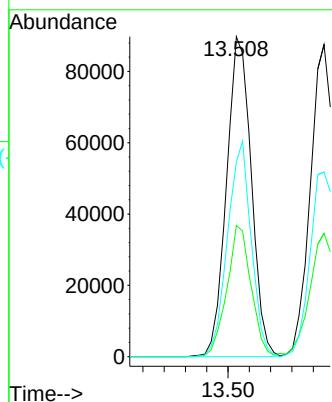
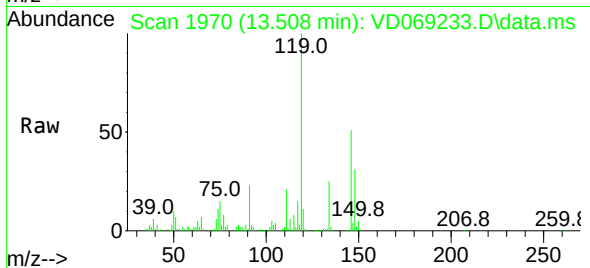
1,3-Dichlorobenzene
Concen: 21.02 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.6
148	64.3	31.6	94.8

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

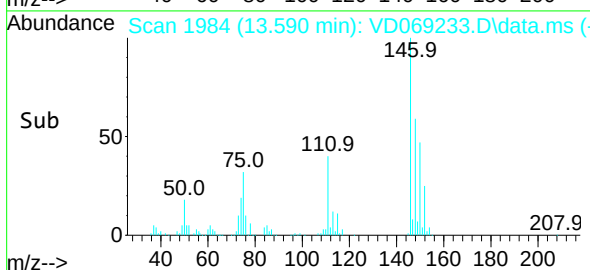
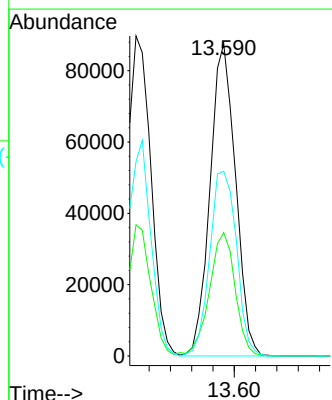
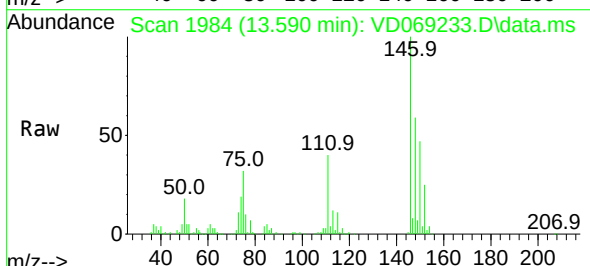
MMDadoda
5/24/2021 3:43:53 PM

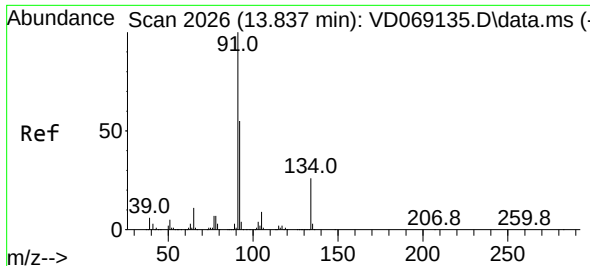


#88

1,4-Dichlorobenzene
Concen: 21.32 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.4	58.2
148	62.1	32.4	97.0





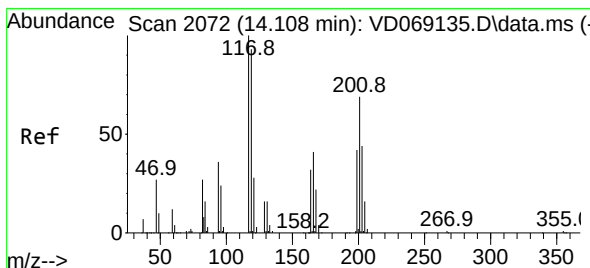
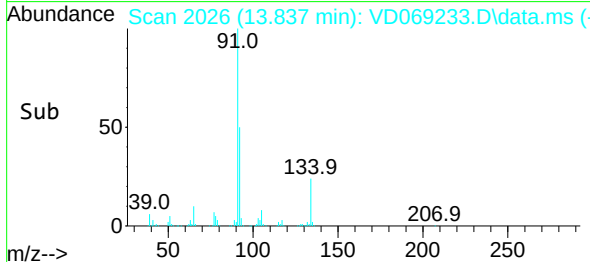
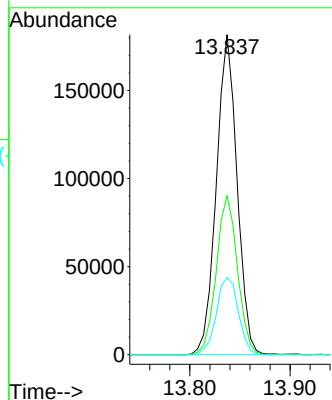
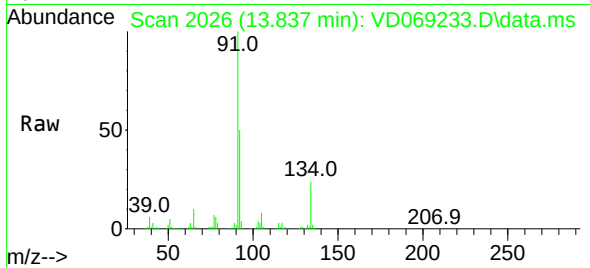
#89
n-Butylbenzene
Concen: 21.46 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 91 Resp: 260568
Ion Ratio Lower Upper
91 100
92 50.7 26.5 79.5
134 25.6 13.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

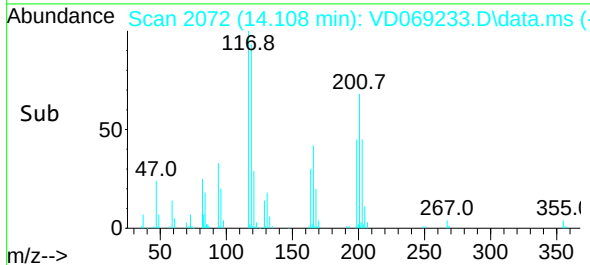
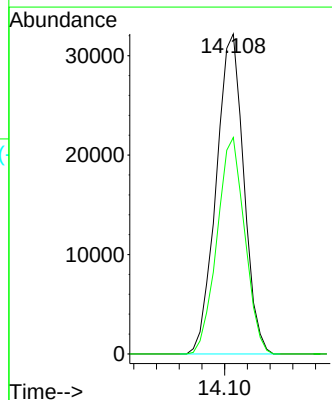
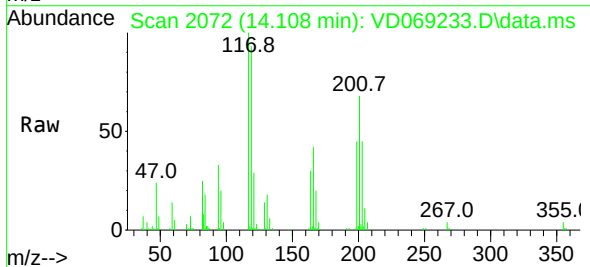
Manual Integrations
APPROVED

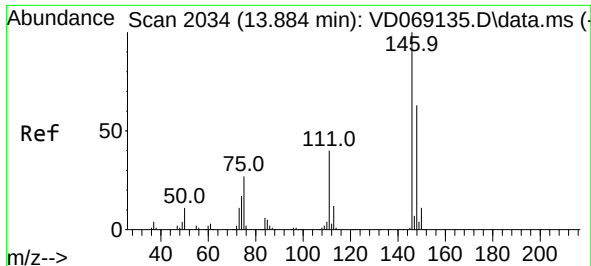
MMDadoda
5/24/2021 3:43:53 PM



#90
Hexachloroethane
Concen: 22.19 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 117 Resp: 54198
Ion Ratio Lower Upper
117 100
201 68.0 35.4 106.1





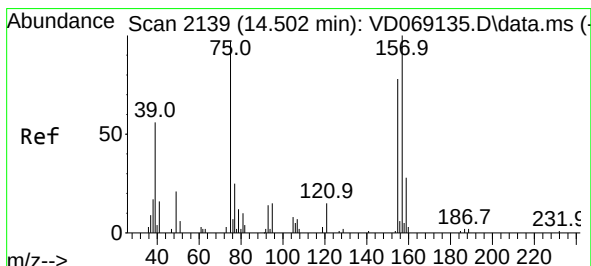
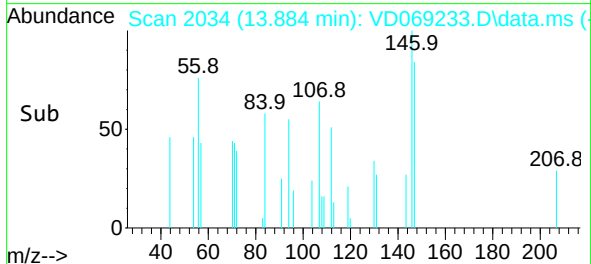
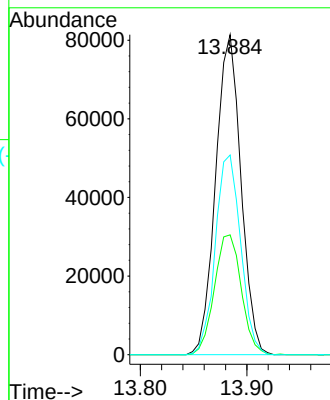
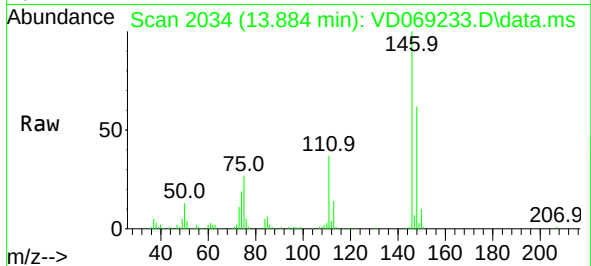
#91
1,2-Dichlorobenzene
Concen: 22.67 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion:146 Resp: 134254
Ion Ratio Lower Upper
146 100
111 39.8 20.3 61.0
148 62.5 31.3 93.8

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

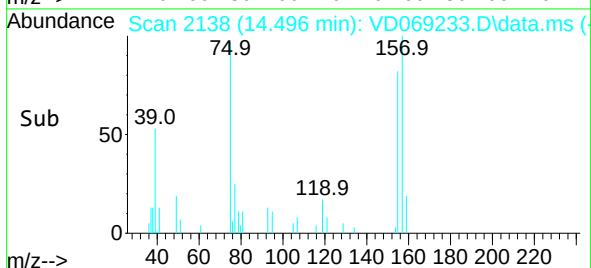
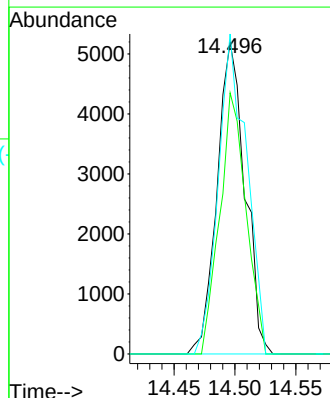
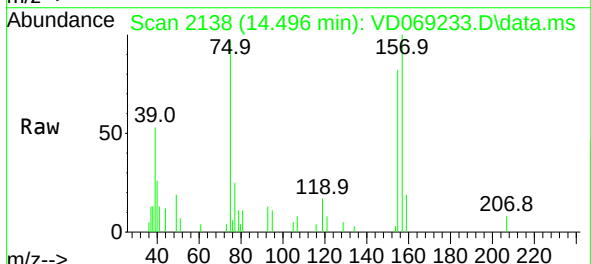
Manual Integrations
APPROVED

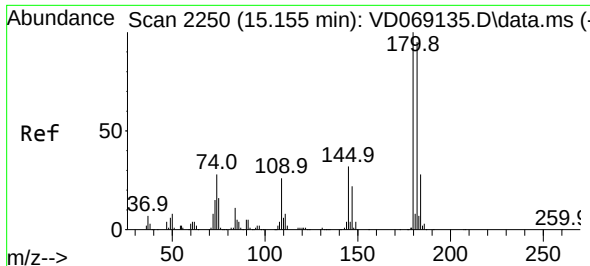
MMDadoda
5/24/2021 3:43:53 PM



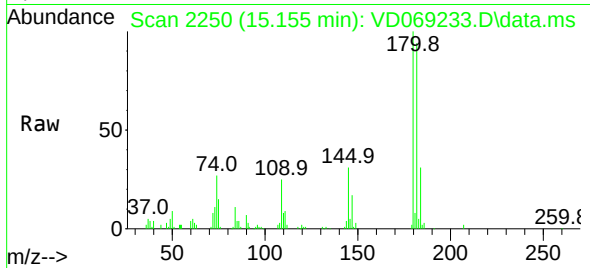
#92
1,2-Dibromo-3-Chloropropane
Concen: 20.54 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35

Tgt Ion: 75 Resp: 8294
Ion Ratio Lower Upper
75 100
155 79.0 43.9 131.7
157 104.0 54.9 164.7

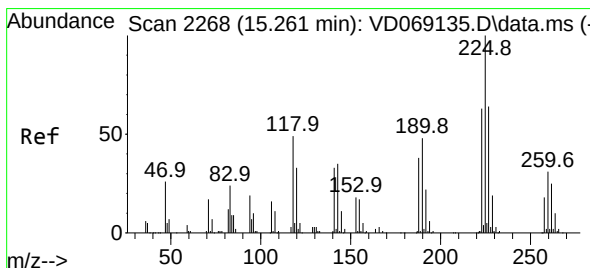
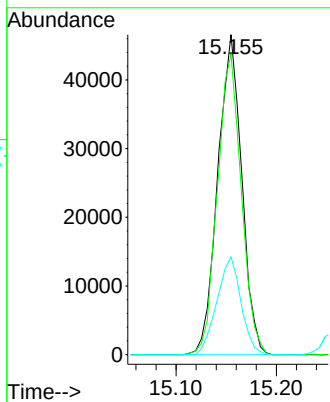
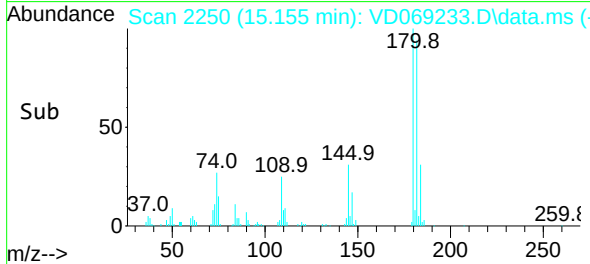




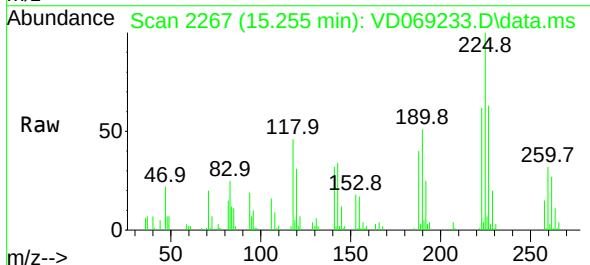
#93
1,2,4-Trichlorobenzene
Concen: 21.24 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



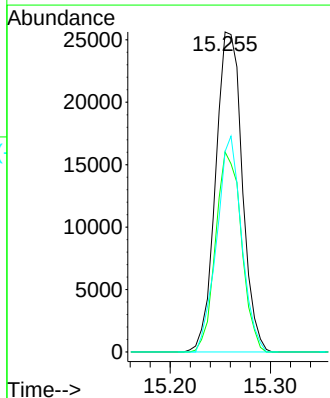
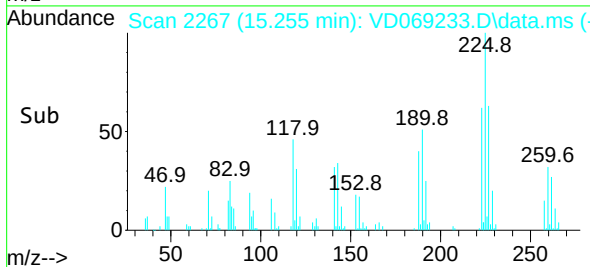
Tgt Ion:180 Resp: 77083
Ion Ratio Lower Upper
180 100
182 93.8 47.8 143.3
145 30.6 15.6 46.8



#94
Hexachlorobutadiene
Concen: 21.64 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



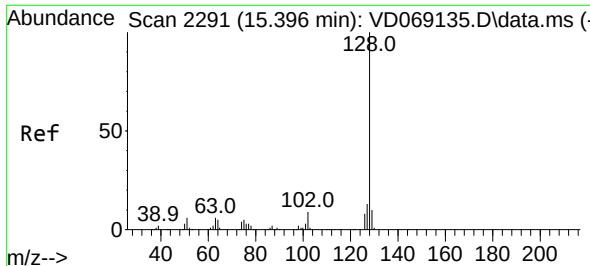
Tgt Ion:225 Resp: 47136
Ion Ratio Lower Upper
225 100
223 60.6 31.1 93.5
227 62.8 31.6 95.0



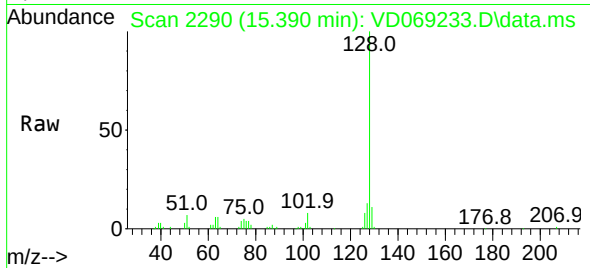
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

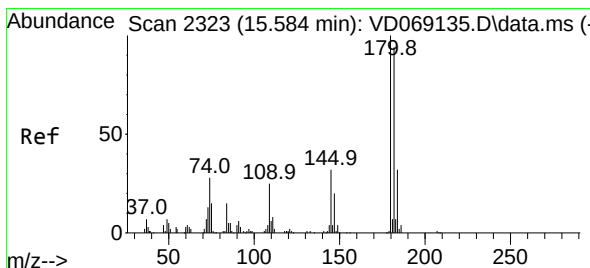
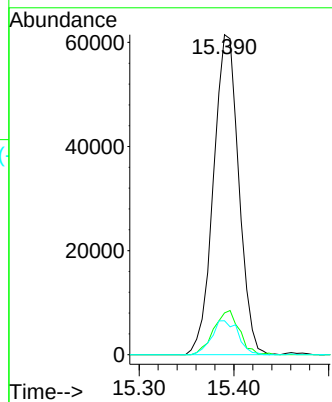
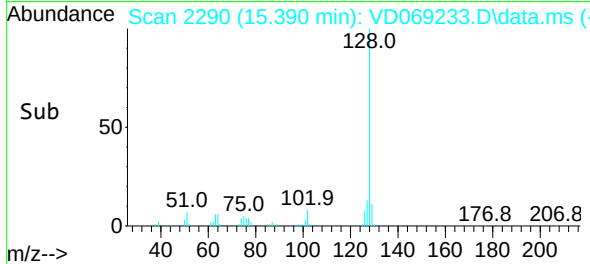
MMDadoda
5/24/2021 3:43:53 PM



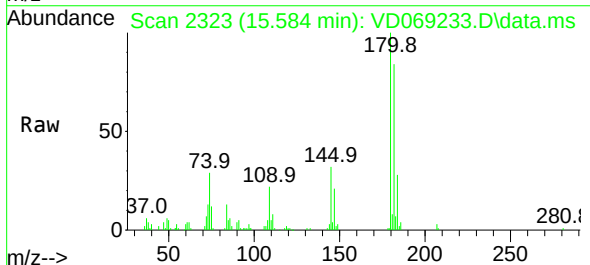
#95
Naphthalene
Concen: 18.28 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



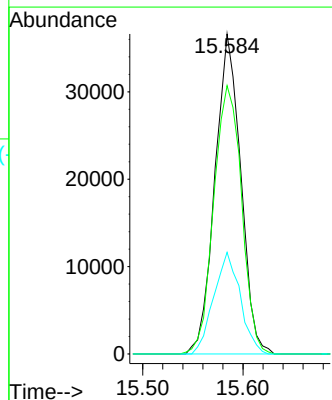
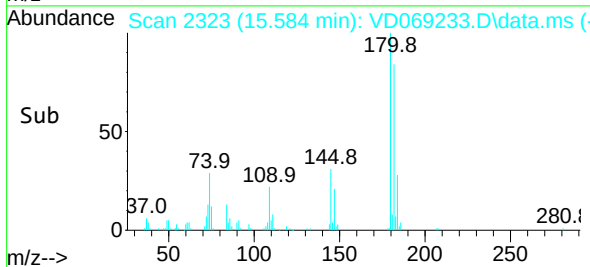
Tgt Ion:128 Resp: 113818
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.05 ug/l
RT: 15.584 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VD069233.D
Acq: 21 May 2021 12:35



Tgt Ion:180 Resp: 65376
Ion Ratio Lower Upper
180 100
182 90.4 47.8 143.4
145 32.6 16.1 48.3



Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:43:53 PM