

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069133.D
 Acq On : 12 May 2021 12:05
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:05:41 PM

Quant Time: May 13 03:32:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 03:30:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	286225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	473397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	448441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	223137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	31929	11.13	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.26%#		
35) Dibromofluoromethane	7.920	113	32594	10.58	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.16%#		
50) Toluene-d8	10.337	98	113523	10.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	20.06%#		
62) 4-Bromofluorobenzene	12.631	95	37312	10.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	20.48%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	36532	12.00	ug/l	95
3) Chloromethane	2.208	50	41022	11.73	ug/l	92
4) Vinyl Chloride	2.350	62	53110	11.52	ug/l	93
5) Bromomethane	2.761	94	39965	11.52	ug/l	95
6) Chloroethane	2.920	64	35087	11.83	ug/l	97
7) Trichlorofluoromethane	3.273	101	59962	10.66	ug/l	96
8) Diethyl Ether	3.708	74	12724	9.91	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	35748	11.22	ug/l	96
10) Methyl Iodide	4.297	142	26466	8.71	ug/l	99
11) Tert butyl alcohol	5.208	59	13638m	69.54	ug/l	
12) 1,1-Dichloroethene	4.067	96	30598	10.69	ug/l	96
13) Acrolein	3.926	56	11940	51.14	ug/l	95
14) Allyl chloride	4.714	41	33533	10.67	ug/l	92
15) Acrylonitrile	5.426	53	25390	52.98	ug/l	99
16) Acetone	4.161	43	24294	55.28	ug/l	95
17) Carbon Disulfide	4.408	76	105087	11.07	ug/l	97
18) Methyl Acetate	4.732	43	11100	10.40	ug/l	93
19) Methyl tert-butyl Ether	5.485	73	52128	10.03	ug/l	94
20) Methylene Chloride	4.967	84	60805	13.07	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	36962	10.89	ug/l	94
22) Diisopropyl ether	6.367	45	66509	10.60	ug/l	93
23) Vinyl Acetate	6.308	43	178630	48.25	ug/l	97
24) 1,1-Dichloroethane	6.261	63	59112	10.91	ug/l	98
25) 2-Butanone	7.214	43	32076	53.86	ug/l	100
26) 2,2-Dichloropropane	7.214	77	55933	11.03	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	39476	10.71	ug/l	95
28) Bromochloromethane	7.543	49	19050	9.86	ug/l	94
29) Tetrahydrofuran	7.567	42	16748	51.74	ug/l	96
30) Chloroform	7.714	83	67897	11.13	ug/l	85
31) Cyclohexane	7.985	56	46364	10.90	ug/l #	91
32) 1,1,1-Trichloroethane	7.902	97	60004	10.84	ug/l	100
36) 1,1-Dichloropropene	8.114	75	48660	10.57	ug/l	100
37) Ethyl Acetate	7.291	43	15724	10.63	ug/l #	94
38) Carbon Tetrachloride	8.096	117	53844	10.47	ug/l	91
39) Methylcyclohexane	9.355	83	47858	9.86	ug/l	96
40) Benzene	8.349	78	141178	10.71	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069133.D
 Acq On : 12 May 2021 12:05
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:05:41 PM

Quant Time: May 13 03:32:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 03:30:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	8146m	11.19	ug/l	
42) 1,2-Dichloroethane	8.420	62	38949	10.82	ug/l	98
43) Isopropyl Acetate	8.455	43	28403	10.58	ug/l	96
44) Trichloroethene	9.114	130	38146	10.35	ug/l	92
45) 1,2-Dichloropropane	9.385	63	34769	11.17	ug/l	93
46) Dibromomethane	9.479	93	19933	10.72	ug/l	99
47) Bromodichloromethane	9.661	83	51576	10.90	ug/l	96
48) Methyl methacrylate	9.461	41	11981	9.65	ug/l #	89
49) 1,4-Dioxane	9.467	88	3835	219.21	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	70819	51.26	ug/l	98
52) Toluene	10.402	92	87290	10.26	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	42847	10.30	ug/l	95
54) cis-1,3-Dichloropropene	10.090	75	51634	10.38	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	26943	10.75	ug/l	95
56) Ethyl methacrylate	10.661	69	23824	9.52	ug/l	97
57) 1,3-Dichloropropane	10.943	76	43394	10.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.943	63	60984	49.14	ug/l	98
59) 2-Hexanone	10.984	43	47615	51.65	ug/l	93
60) Dibromochloromethane	11.137	129	34309	10.65	ug/l	96
61) 1,2-Dibromoethane	11.243	107	26143	10.55	ug/l	99
64) Tetrachloroethene	10.873	164	33878	10.87	ug/l	96
65) Chlorobenzene	11.667	112	96902	10.43	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.743	131	37832	10.79	ug/l	98
67) Ethyl Benzene	11.743	91	158674	9.92	ug/l	99
68) m/p-Xylenes	11.855	106	125970	20.10	ug/l	99
69) o-Xylene	12.179	106	52897	9.49	ug/l	99
70) Styrene	12.190	104	97569	10.03	ug/l	97
71) Bromoform	12.355	173	20088	11.02	ug/l #	96
73) Isopropylbenzene	12.479	105	158243	10.15	ug/l	99
74) N-amyl acetate	12.284	43	24943	9.78	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	31547	11.16	ug/l	99
76) 1,2,3-Trichloropropane	12.778	75	14815m	8.87	ug/l	
77) Bromobenzene	12.761	156	37551	10.15	ug/l	96
78) n-propylbenzene	12.814	91	184623	9.81	ug/l	99
79) 2-Chlorotoluene	12.902	91	104245	9.96	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	123605	9.61	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	8252	9.94	ug/l	98
82) 4-Chlorotoluene	13.002	91	112831	10.12	ug/l	98
83) tert-Butylbenzene	13.220	119	100501	9.38	ug/l	95
84) 1,2,4-Trimethylbenzene	13.267	105	123640	9.56	ug/l	97
85) sec-Butylbenzene	13.396	105	154034	9.56	ug/l	100
86) p-Isopropyltoluene	13.514	119	133841	9.45	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	75079	10.02	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	77664	10.47	ug/l	97
89) n-Butylbenzene	13.837	91	123964	9.40	ug/l	98
90) Hexachloroethane	14.108	117	27399	10.33	ug/l	99
91) 1,2-Dichlorobenzene	13.884	146	67292	10.46	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	4051	9.23	ug/l	98
93) 1,2,4-Trichlorobenzene	15.155	180	42984	10.90	ug/l	99
94) Hexachlorobutadiene	15.261	225	25494	10.78	ug/l	99
95) Naphthalene	15.390	128	61676	9.34	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	34478	10.22	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
Data File : VD069133.D
Acq On : 12 May 2021 12:05
Operator : VA/SY
Sample : VSTDICC010
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

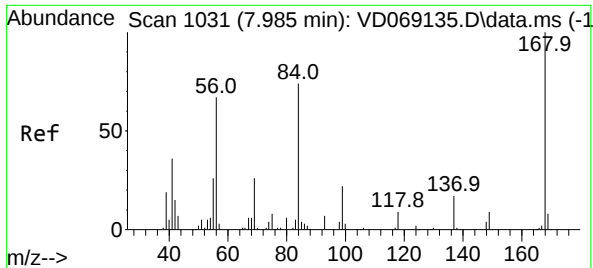
Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM

Quant Time: May 13 03:32:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 03:30:25 2021
Response via : Initial Calibration

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

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



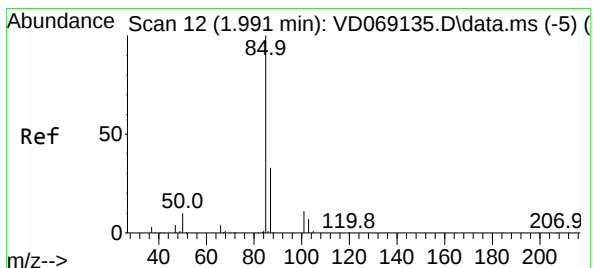
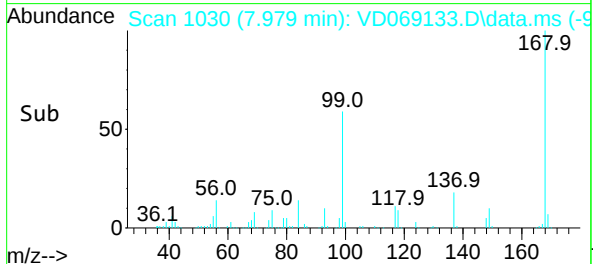
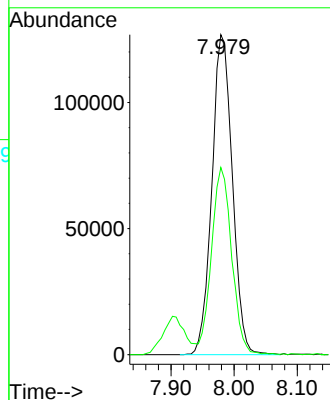
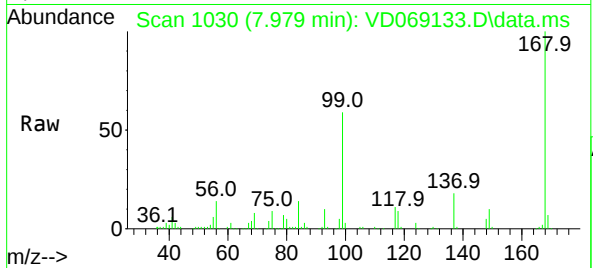
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 168 Resp: 286225
Ion Ratio Lower Upper
168 100
99 58.3 47.2 70.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

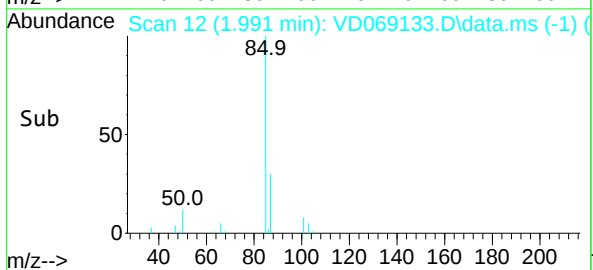
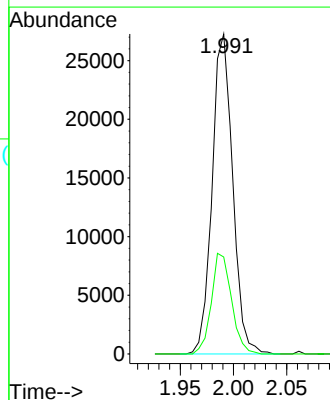
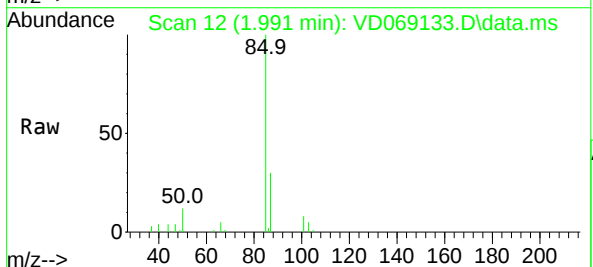
Manual Integrations
APPROVED

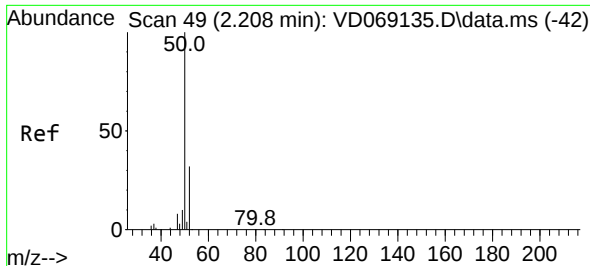
MMDadoda
5/13/2021 4:05:41 PM



#2
Dichlorodifluoromethane
Concen: 12.00 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 85 Resp: 36532
Ion Ratio Lower Upper
85 100
87 30.3 16.5 49.5





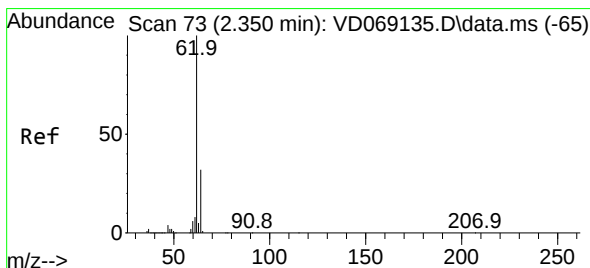
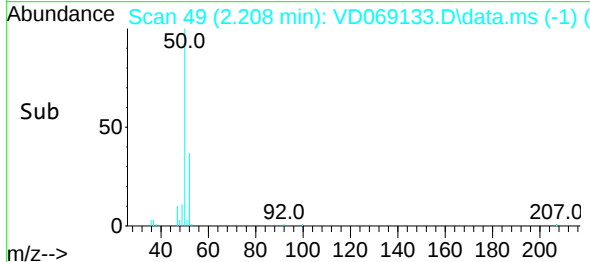
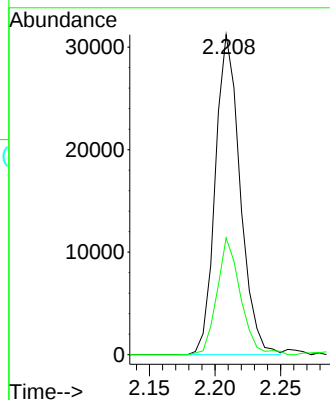
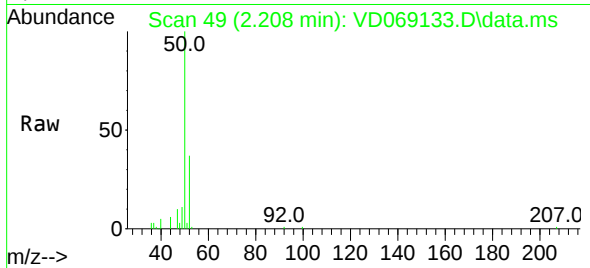
#3
Chloromethane
Concen: 11.73 ug/l
RT: 2.208 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 50 Resp: 41022
Ion Ratio Lower Upper
50 100
52 36.5 25.8 38.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

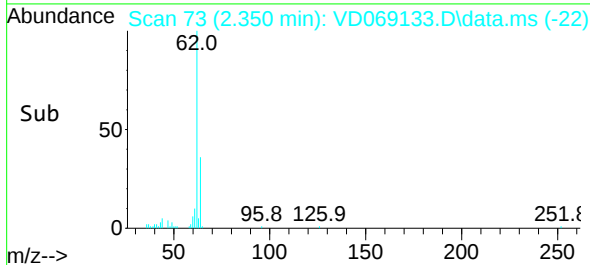
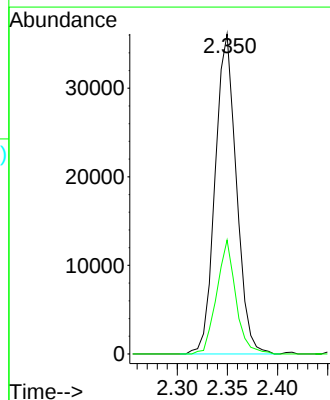
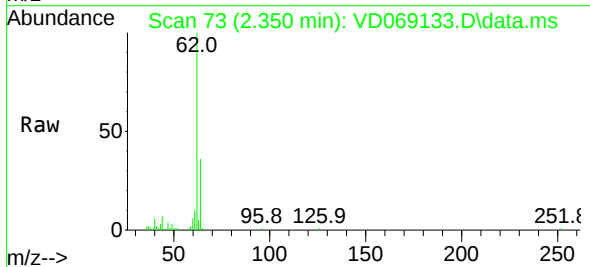
Manual Integrations
APPROVED

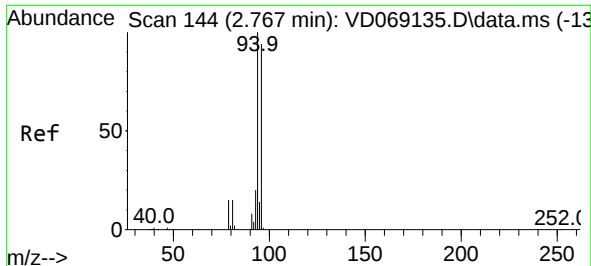
MMDadoda
5/13/2021 4:05:41 PM



#4
Vinyl Chloride
Concen: 11.52 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 62 Resp: 53110
Ion Ratio Lower Upper
62 100
64 35.6 25.3 37.9





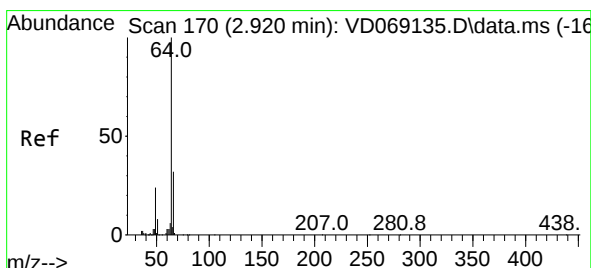
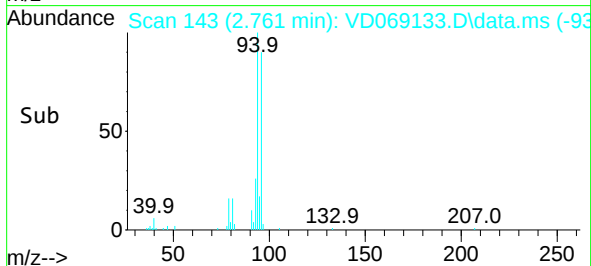
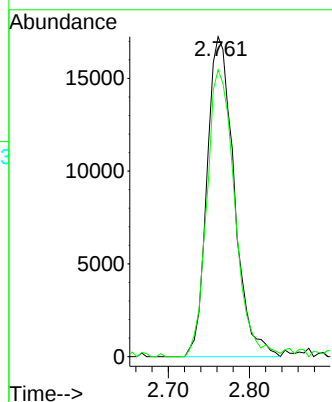
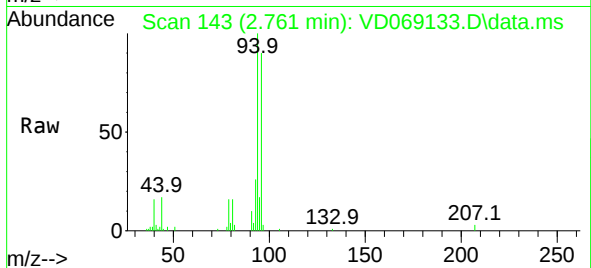
#5
Bromomethane
Concen: 11.52 ug/l
RT: 2.761 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 94 Resp: 39965
Ion Ratio Lower Upper
94 100
96 89.7 75.4 113.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

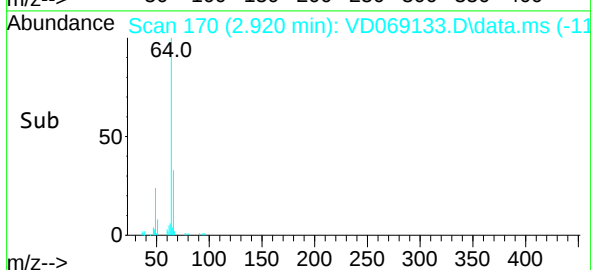
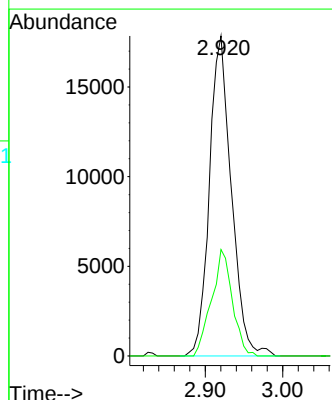
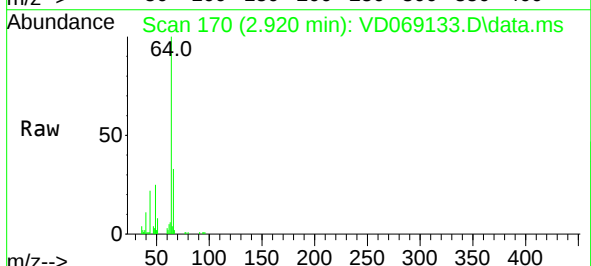
Manual Integrations
APPROVED

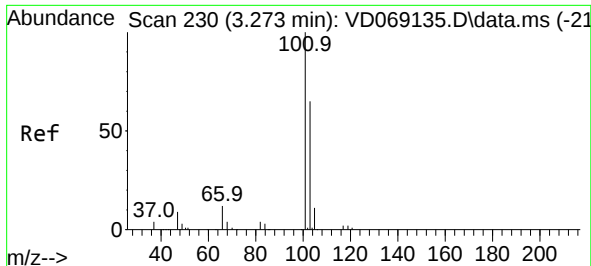
MMDadoda
5/13/2021 4:05:41 PM



#6
Chloroethane
Concen: 11.83 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 64 Resp: 35087
Ion Ratio Lower Upper
64 100
66 33.3 25.2 37.8





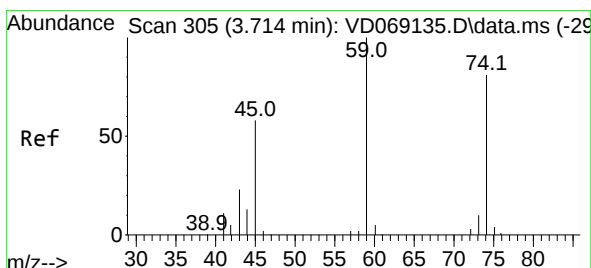
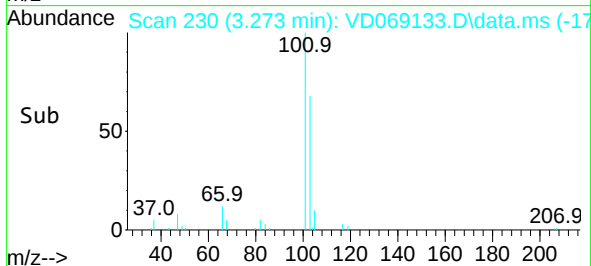
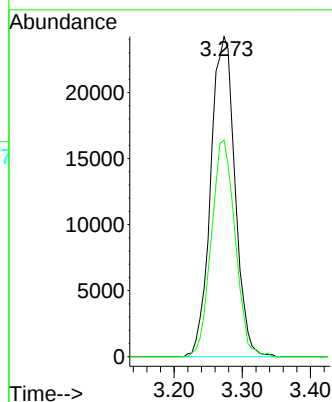
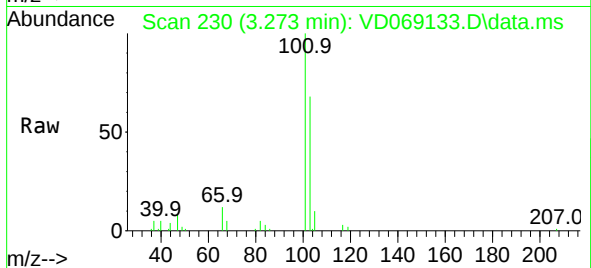
#7
Trichlorofluoromethane
Concen: 10.66 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 101 Resp: 59962
Ion Ratio Lower Upper
101 100
103 67.7 51.9 77.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

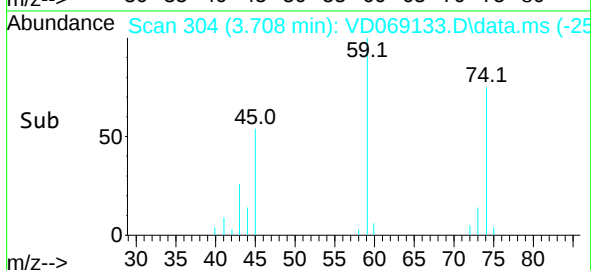
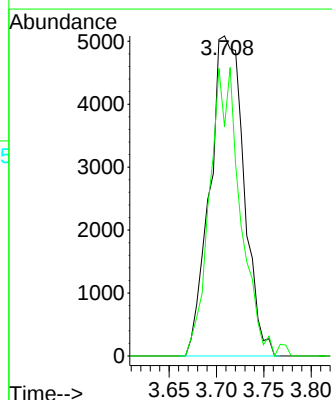
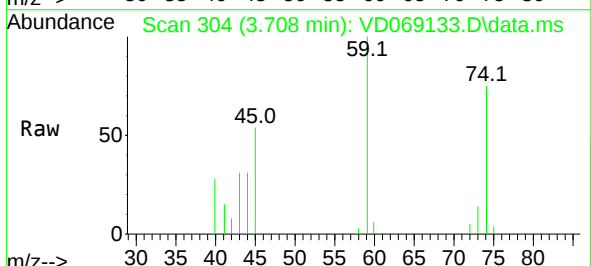
Manual Integrations
APPROVED

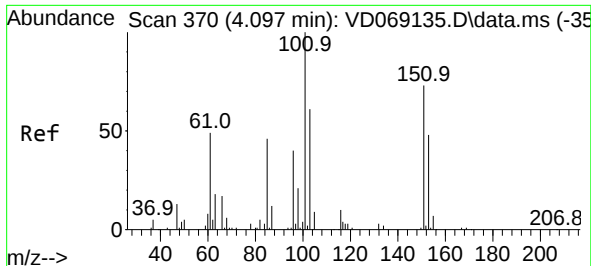
MMDadoda
5/13/2021 4:05:41 PM



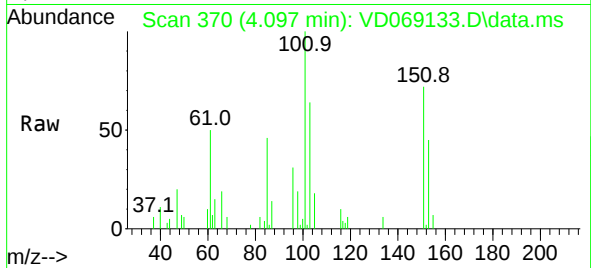
#8
Diethyl Ether
Concen: 9.91 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 74 Resp: 12724
Ion Ratio Lower Upper
74 100
45 80.7 38.1 114.5

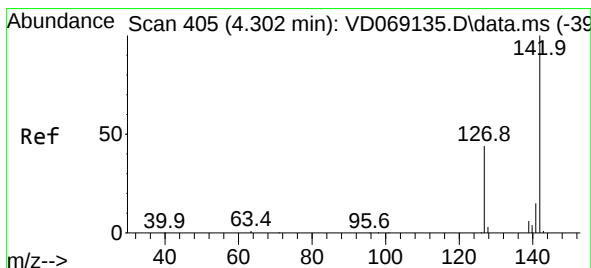
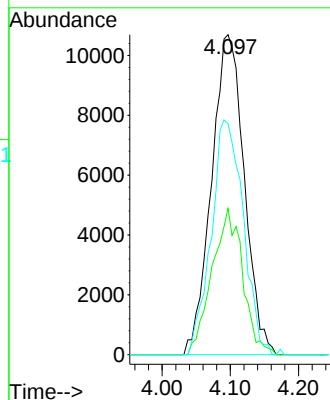
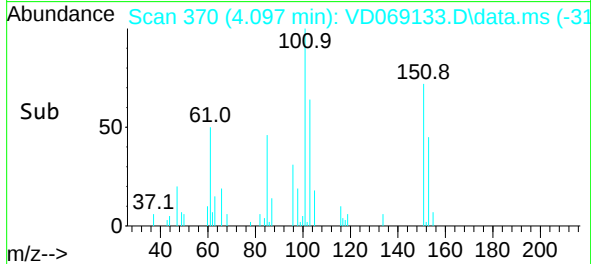




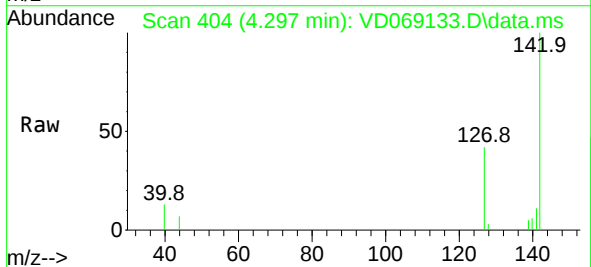
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.22 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



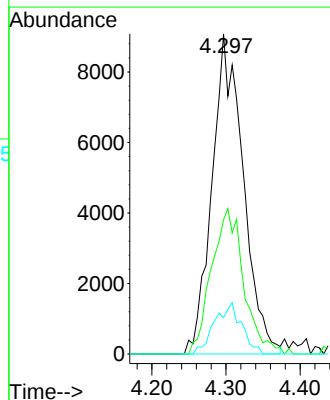
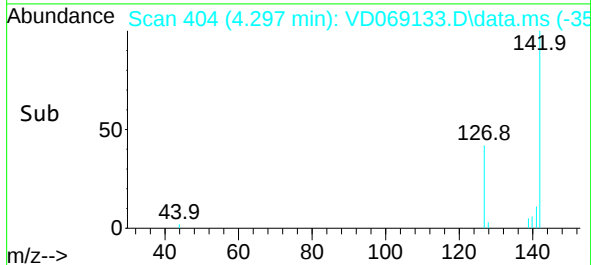
Tgt Ion:101 Resp: 35748
Ion Ratio Lower Upper
101 100
85 42.7 35.2 52.8
151 71.6 60.6 91.0



#10
Methyl Iodide
Concen: 8.71 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



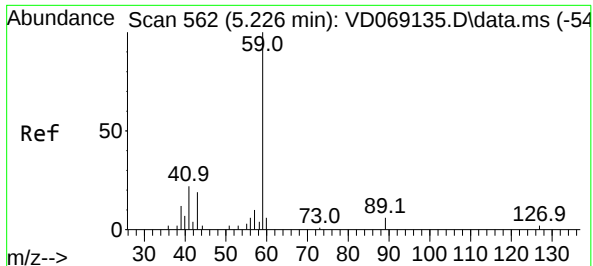
Tgt Ion:142 Resp: 26466
Ion Ratio Lower Upper
142 100
127 47.2 37.3 55.9
141 13.9 12.2 18.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



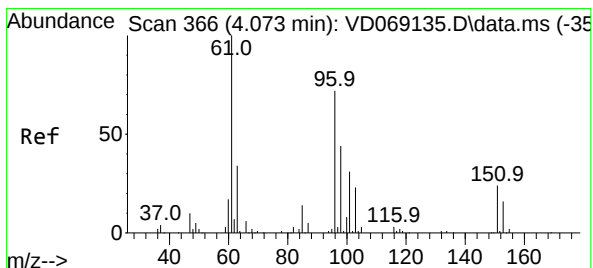
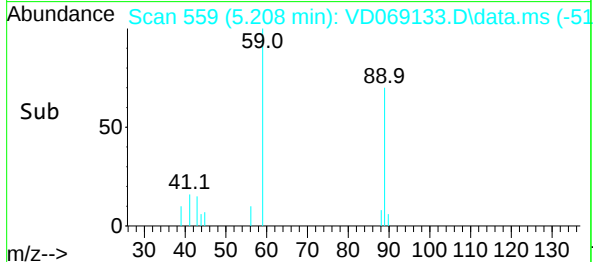
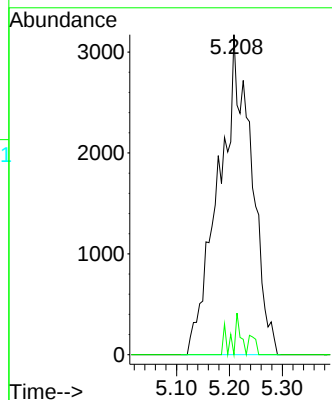
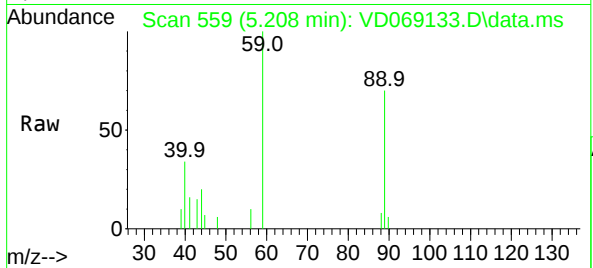
#11
Tert butyl alcohol
Concen: 69.54 ug/l m
RT: 5.208 min Scan# 559
Delta R.T. -0.018 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 59 Resp: 13638
Ion Ratio Lower Upper
59 100
57 2.4 7.8 11.8#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

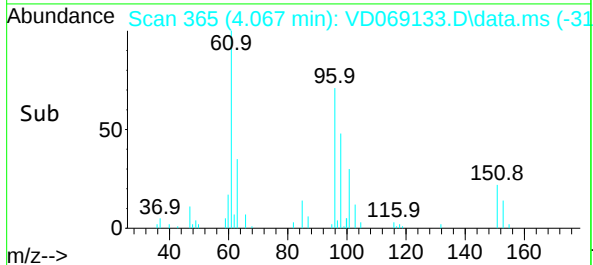
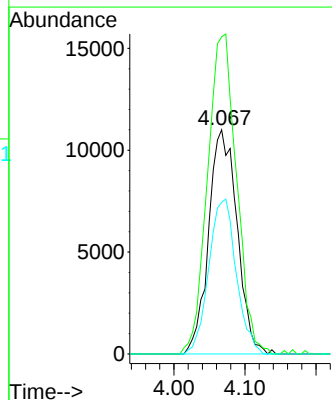
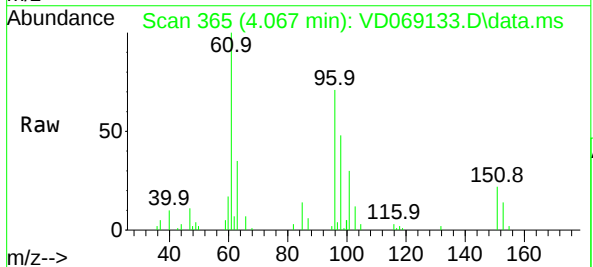
Manual Integrations
APPROVED

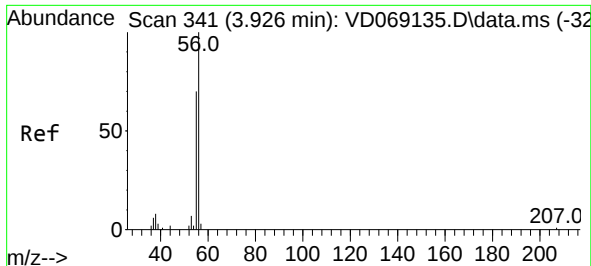
MMDadoda
5/13/2021 4:05:41 PM



#12
1,1-Dichloroethene
Concen: 10.69 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

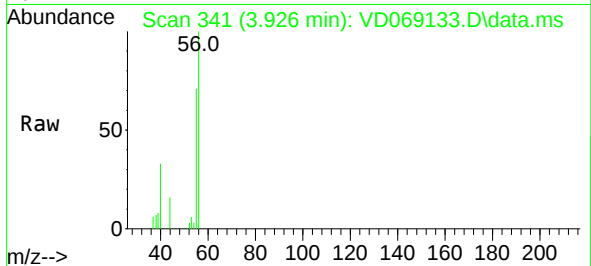
Tgt Ion: 96 Resp: 30598
Ion Ratio Lower Upper
96 100
61 141.4 111.1 166.7
98 67.6 48.4 72.6



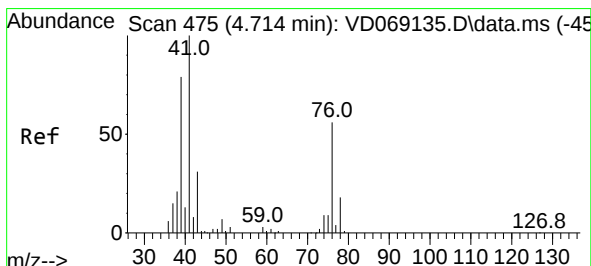
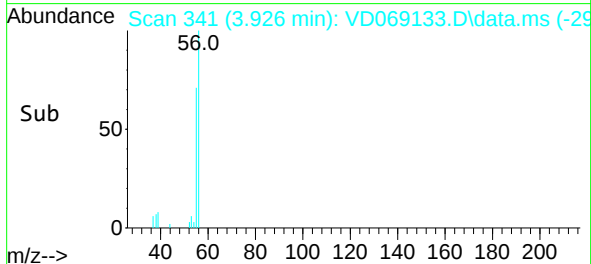
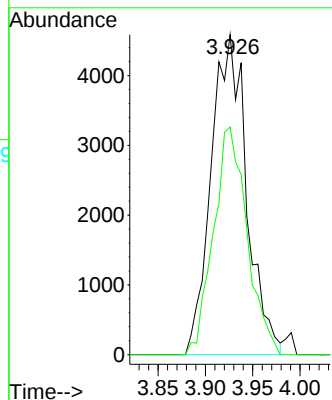


#13
Acrolein
Concen: 51.14 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

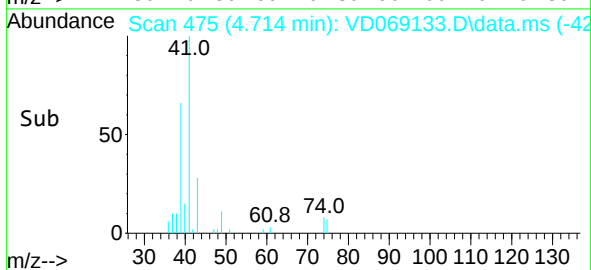
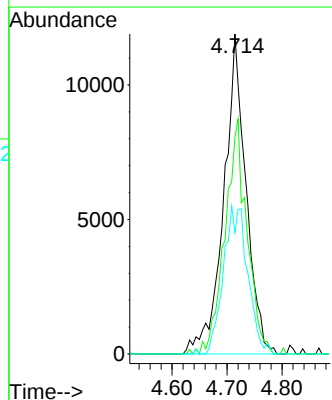
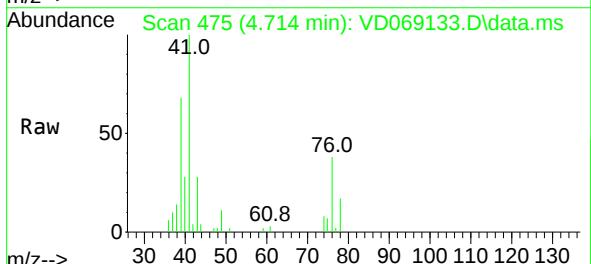


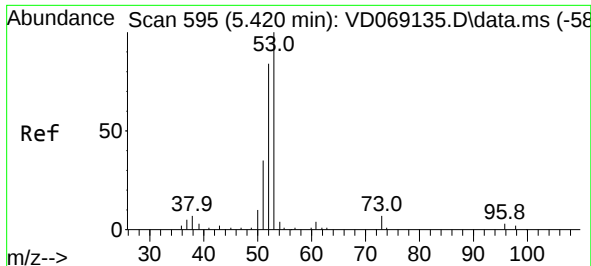
Tgt Ion: 56 Resp: 11940
Ion Ratio Lower Upper
56 100
55 67.3 56.9 85.3



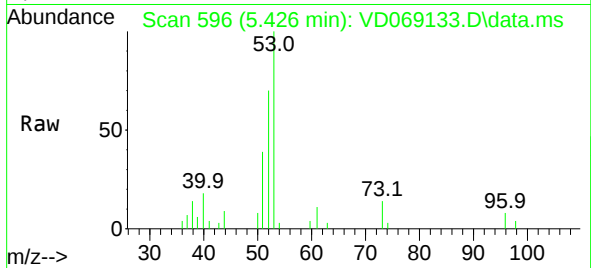
#14
Allyl chloride
Concen: 10.67 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 41 Resp: 33533
Ion Ratio Lower Upper
41 100
39 72.6 64.3 96.5
76 50.4 43.6 65.4

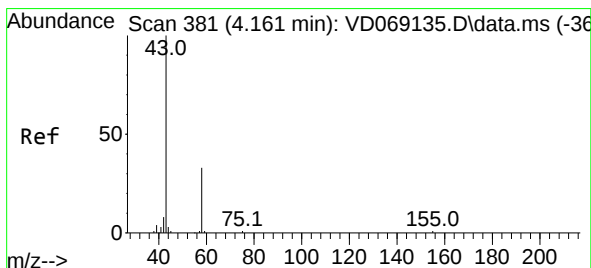
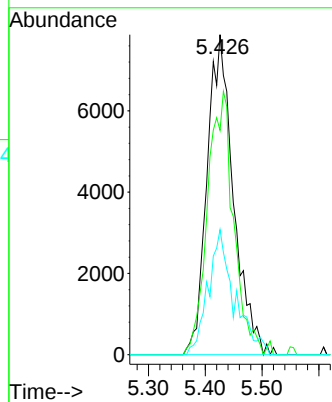
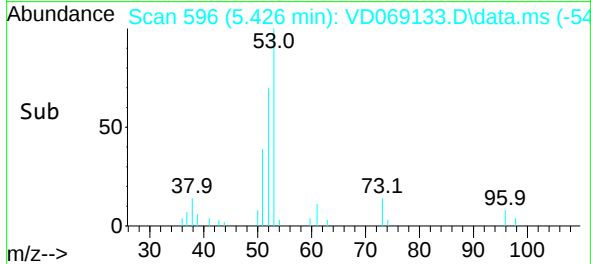




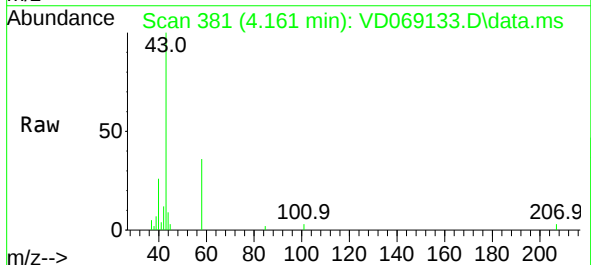
#15
Acrylonitrile
Concen: 52.98 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



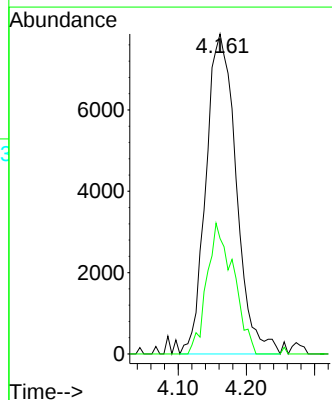
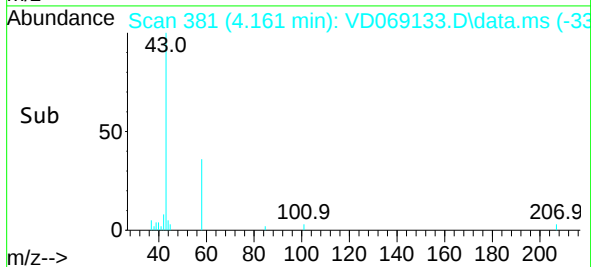
Tgt Ion:	53	Resp:	25390
Ion	Ratio	Lower	Upper
53	100		
52	80.9	64.5	96.7
51	38.8	30.4	45.6



#16
Acetone
Concen: 55.28 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



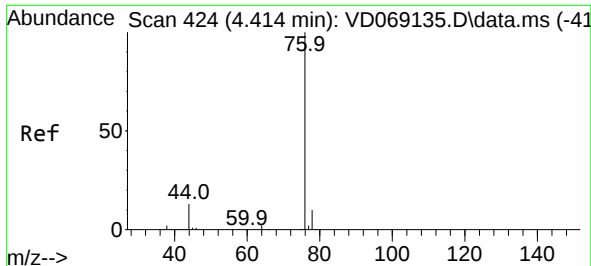
Tgt Ion:	43	Resp:	24294
Ion	Ratio	Lower	Upper
43	100		
58	36.1	26.7	40.1



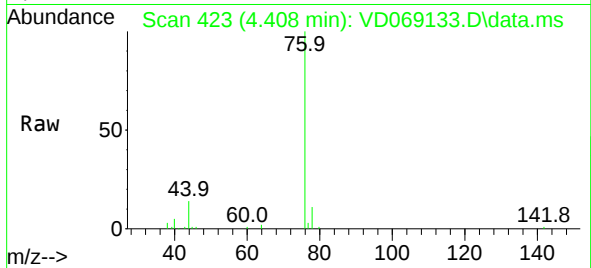
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

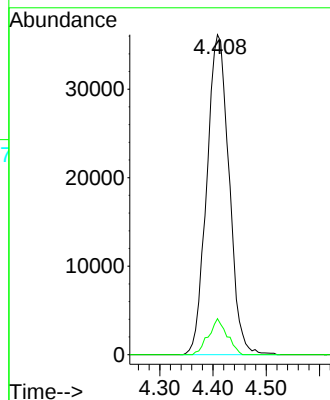
MMDadoda
5/13/2021 4:05:41 PM



#17
Carbon Disulfide
Concen: 11.07 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



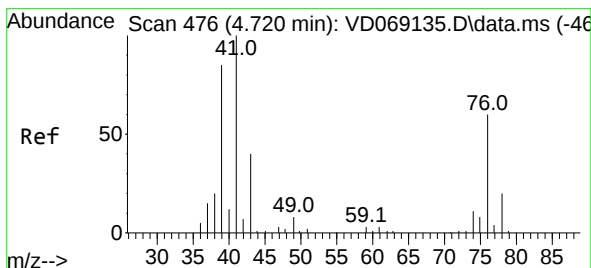
Tgt Ion: 76 Resp: 105087
Ion Ratio Lower Upper
76 100
78 11.3 8.1 12.1



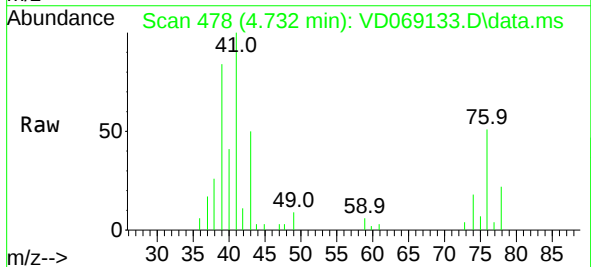
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

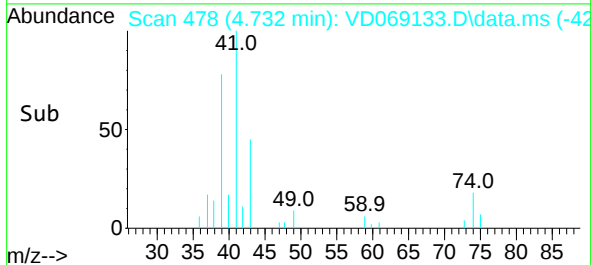
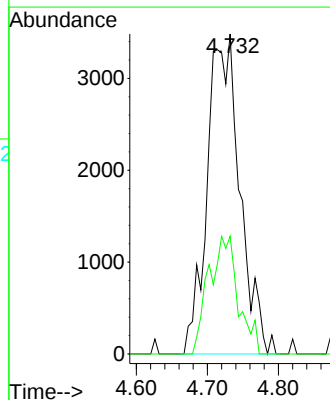
MMDadoda
5/13/2021 4:05:41 PM

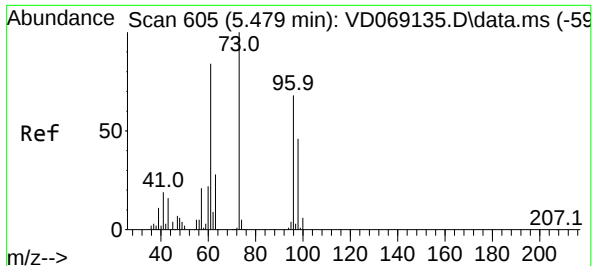


#18
Methyl Acetate
Concen: 10.40 ug/l
RT: 4.732 min Scan# 478
Delta R.T. 0.012 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



Tgt Ion: 43 Resp: 11100
Ion Ratio Lower Upper
43 100
74 33.4 23.8 35.6





#19

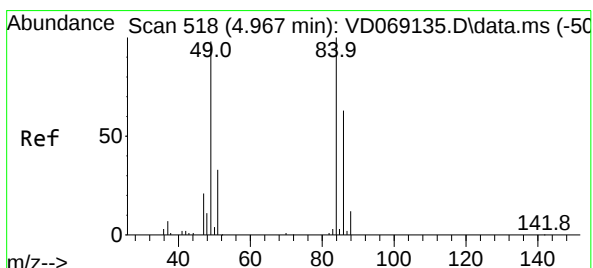
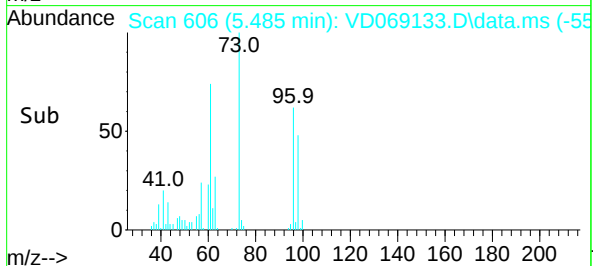
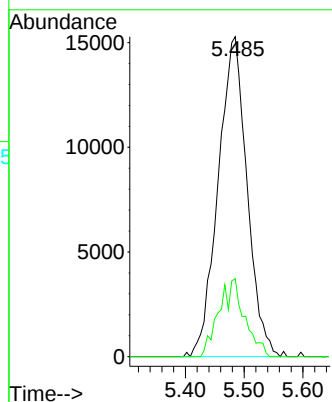
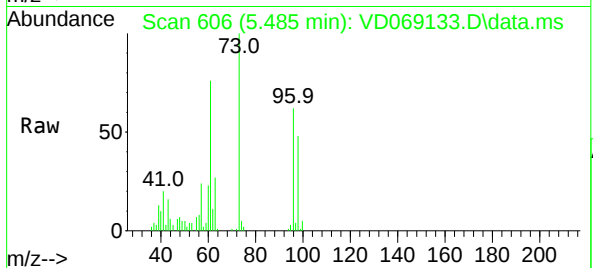
Methyl tert-butyl Ether
Concen: 10.03 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 73 Resp: 52128
Ion Ratio Lower Upper
73 100
57 24.4 17.1 25.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

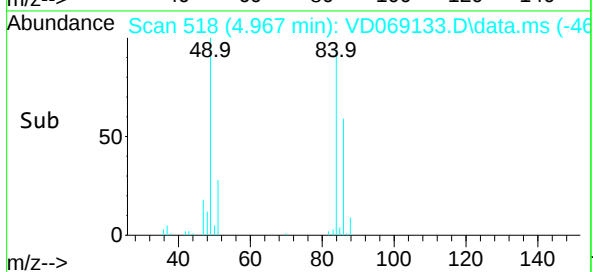
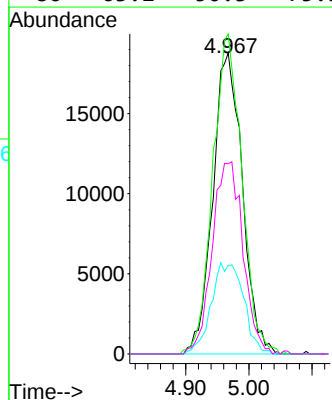
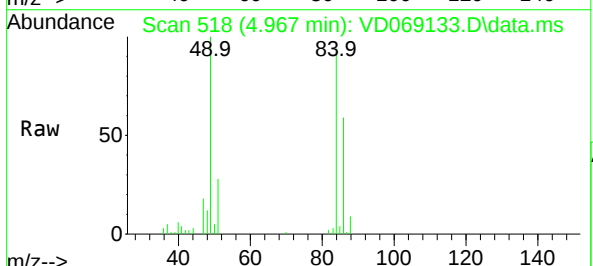
MMDadoda
5/13/2021 4:05:41 PM

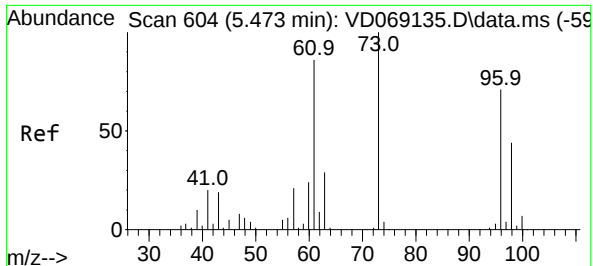


#20

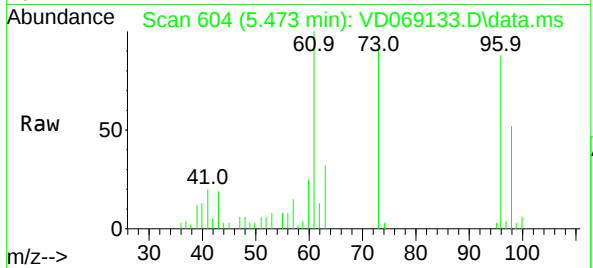
Methylene Chloride
Concen: 13.07 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 84 Resp: 60805
Ion Ratio Lower Upper
84 100
49 106.3 78.6 117.8
51 29.3 26.7 40.1
86 63.2 50.3 75.5

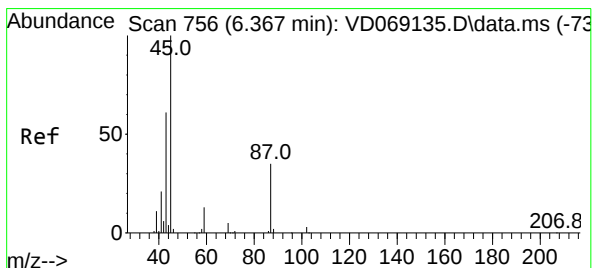
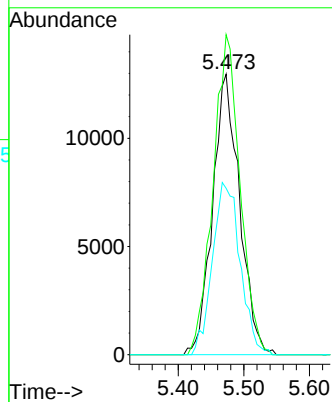
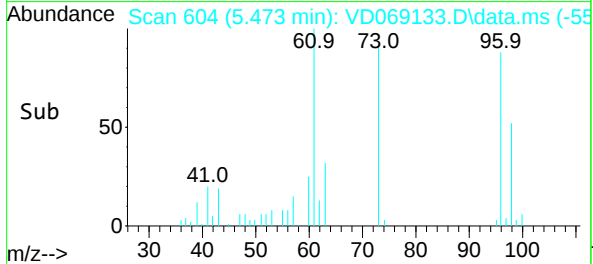




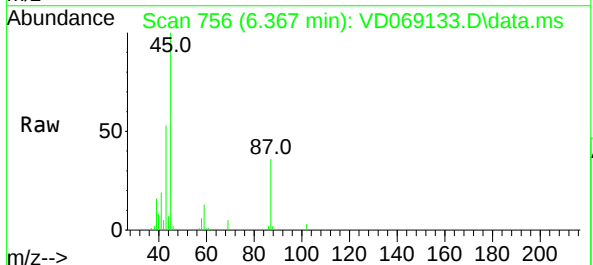
#21
trans-1,2-Dichloroethene
Concen: 10.89 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



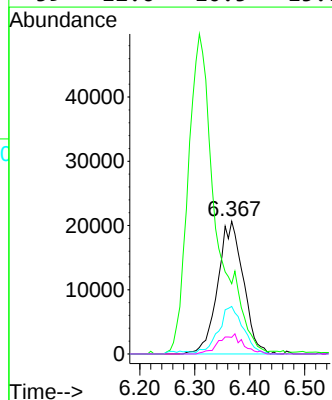
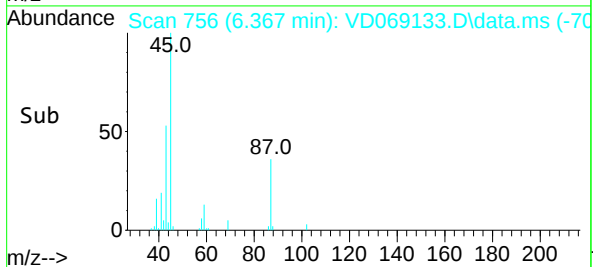
Tgt Ion: 96 Resp: 36962
Ion Ratio Lower Upper
96 100
61 114.1 97.7 146.5
98 59.3 49.4 74.2



#22
Diisopropyl ether
Concen: 10.60 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



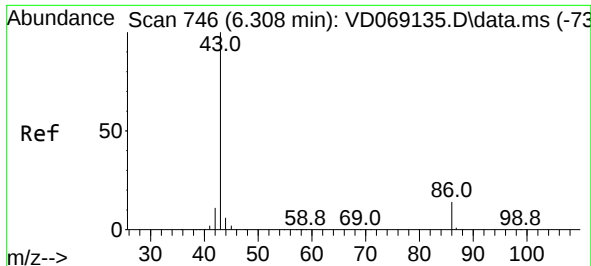
Tgt Ion: 45 Resp: 66509
Ion Ratio Lower Upper
45 100
43 51.3 48.6 73.0
87 35.8 28.5 42.7
59 12.6 10.5 15.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



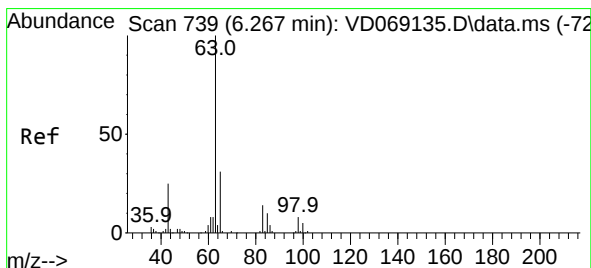
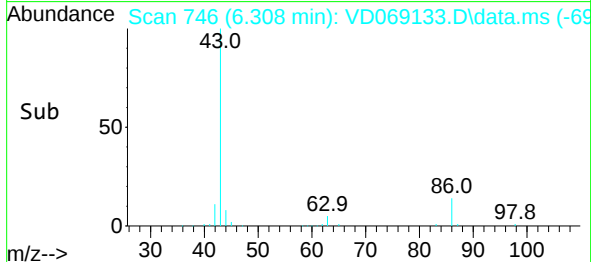
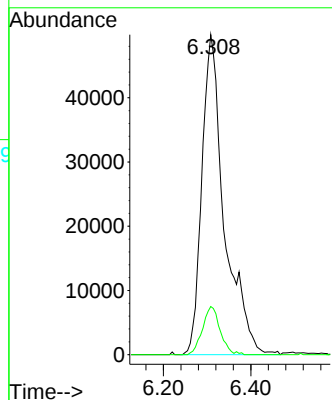
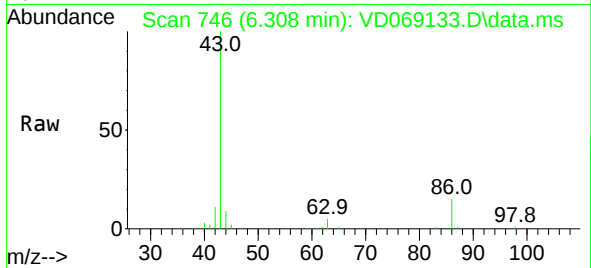
#23
 Vinyl Acetate
 Concen: 48.25 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD069133.D
 Acq: 12 May 2021 12:05

Tgt Ion: 43 Resp: 178630
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.1 16.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

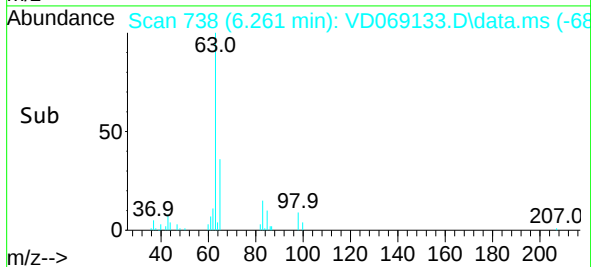
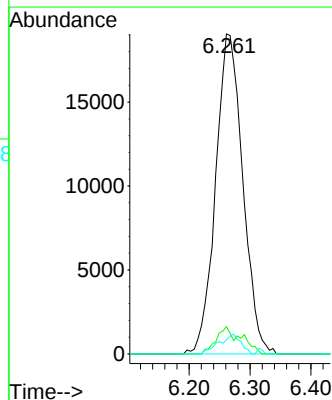
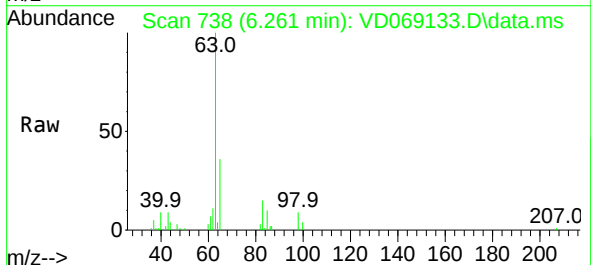
Manual Integrations
 APPROVED

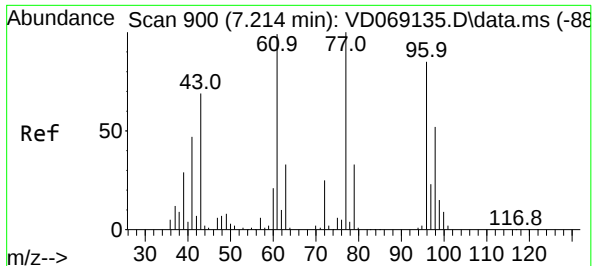
MMDadoda
 5/13/2021 4:05:41 PM



#24
 1,1-Dichloroethane
 Concen: 10.91 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD069133.D
 Acq: 12 May 2021 12:05

Tgt Ion: 63 Resp: 59112
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.5
 100 4.5 2.5 7.6





#25

2-Butanone

Concen: 53.86 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069133.D

Acq: 12 May 2021 12:05

Tgt Ion: 43 Resp: 32076

Ion Ratio Lower Upper

43 100

72 36.6 29.1 43.7

Instrument :

MSVOA_D

ClientSampleId :

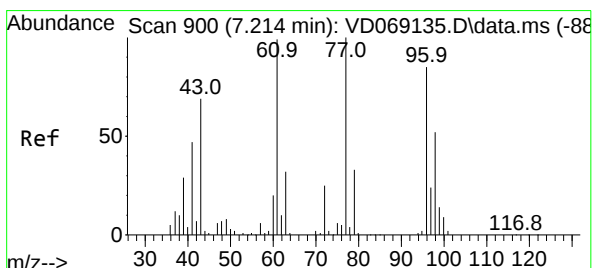
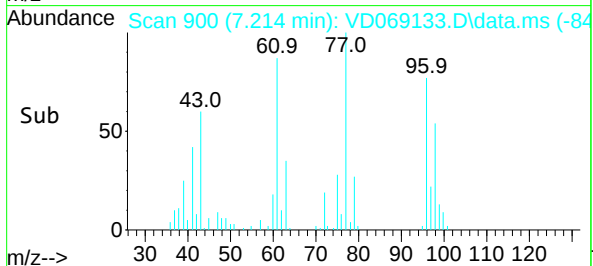
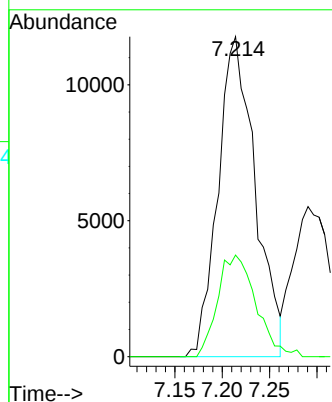
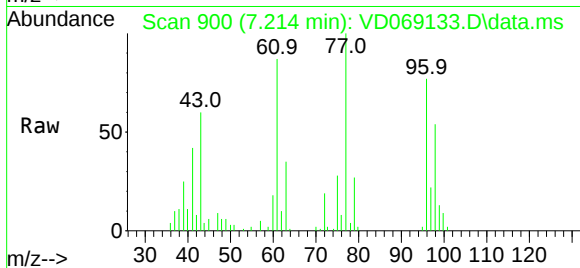
VSTDIC010

Manual Integrations

APPROVED

MMDadoda

5/13/2021 4:05:41 PM



#26

2,2-Dichloropropane

Concen: 11.03 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069133.D

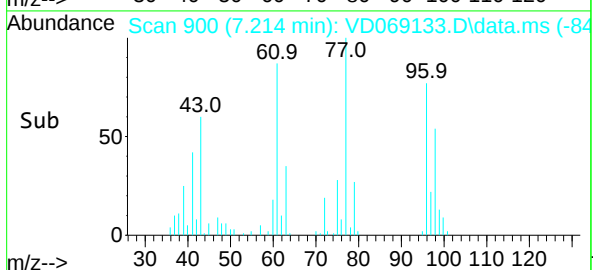
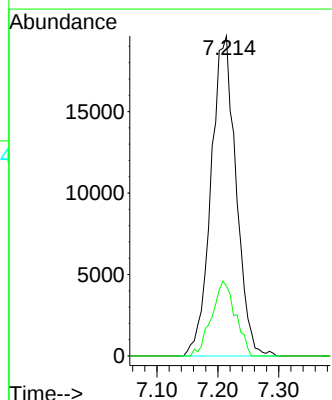
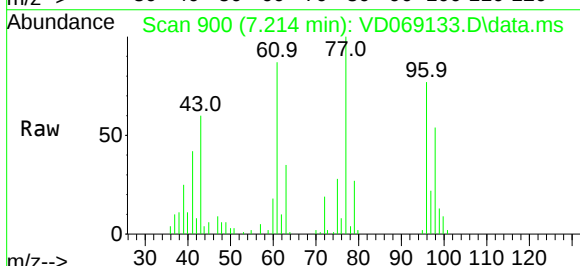
Acq: 12 May 2021 12:05

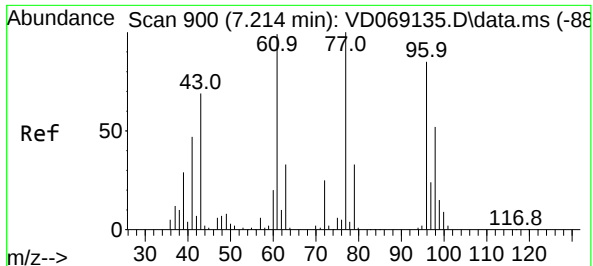
Tgt Ion: 77 Resp: 55933

Ion Ratio Lower Upper

77 100

97 22.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 10.71 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069133.D

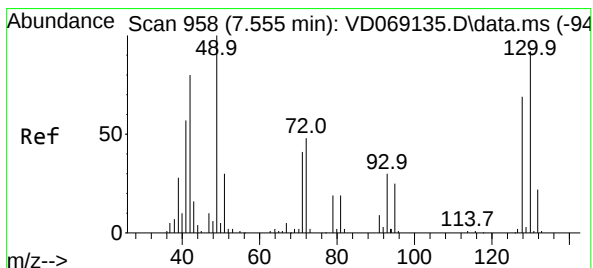
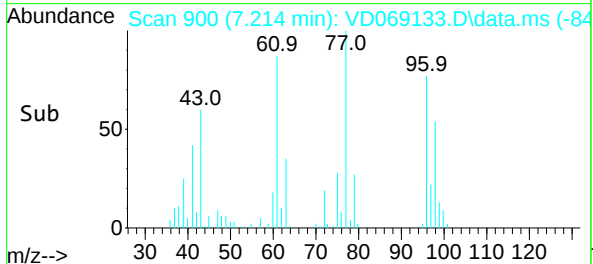
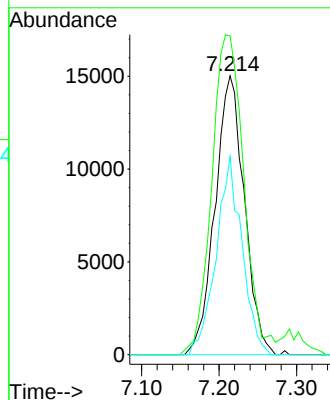
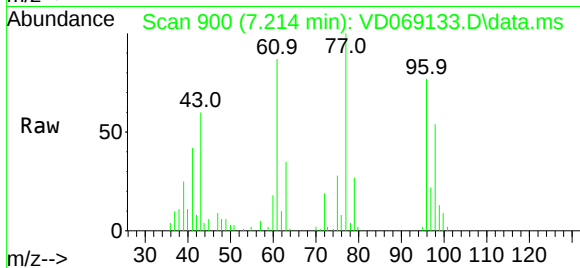
Acq: 12 May 2021 12:05

Tgt Ion:	96	Resp:	39476
Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	263.8
98	62.8	0.0	132.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



#28

Bromochloromethane

Concen: 9.86 ug/l

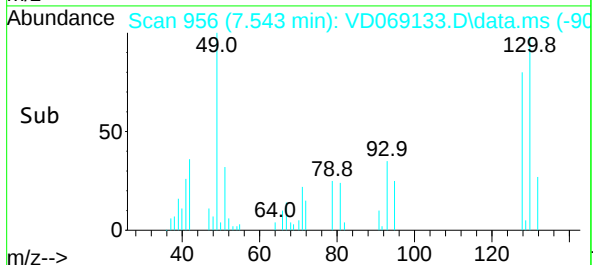
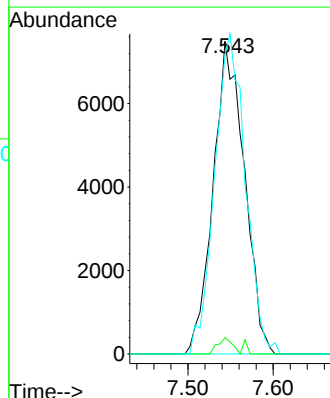
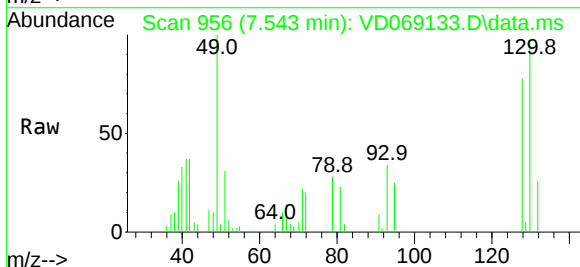
RT: 7.543 min Scan# 956

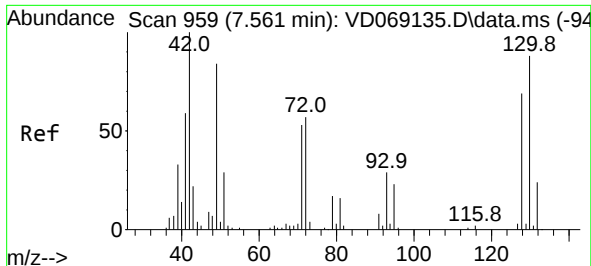
Delta R.T. -0.012 min

Lab File: VD069133.D

Acq: 12 May 2021 12:05

Tgt Ion:	49	Resp:	19050
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	6.4
130	101.0	75.8	113.6





#29

Tetrahydrofuran

Concen: 51.74 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD069133.D

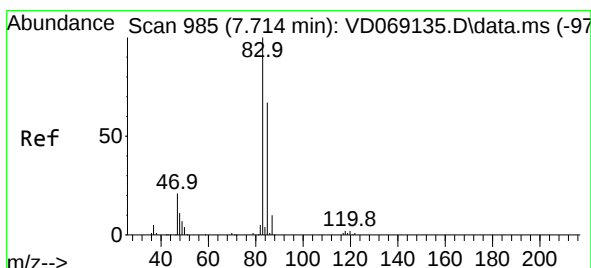
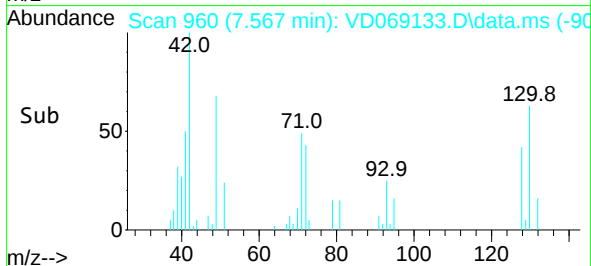
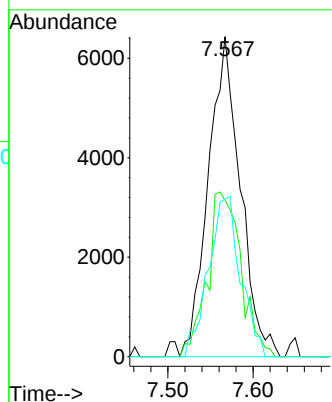
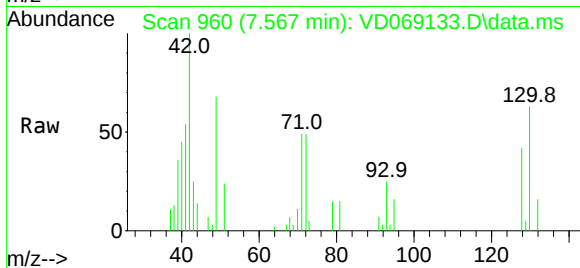
Acq: 12 May 2021 12:05

Tgt Ion:	42	Resp:	16748
Ion	Ratio	Lower	Upper
42	100		
72	54.3	45.9	68.9
71	50.4	42.9	64.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



#30

Chloroform

Concen: 11.13 ug/l

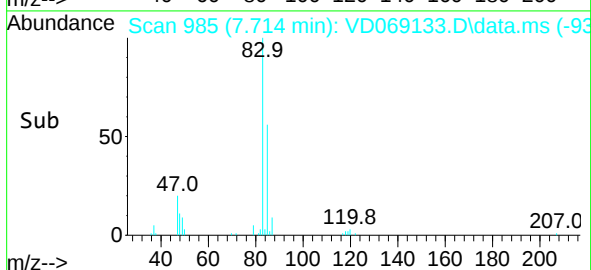
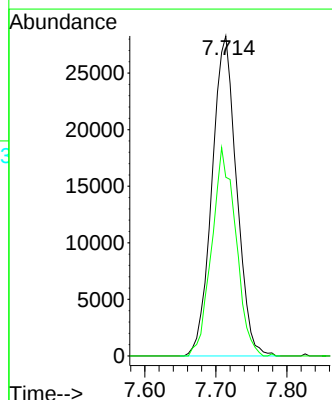
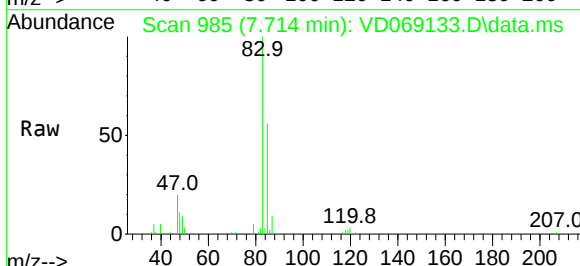
RT: 7.714 min Scan# 985

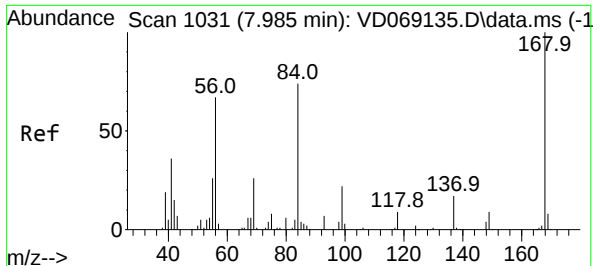
Delta R.T. 0.000 min

Lab File: VD069133.D

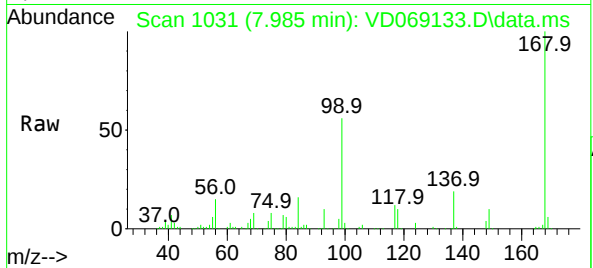
Acq: 12 May 2021 12:05

Tgt Ion:	83	Resp:	67897
Ion	Ratio	Lower	Upper
83	100		
85	55.8	54.0	81.0

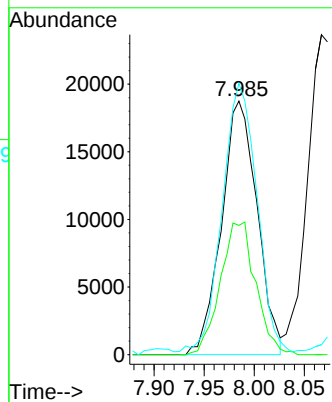
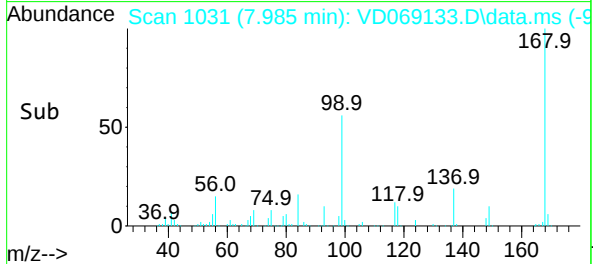




#31
Cyclohexane
Concen: 10.90 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



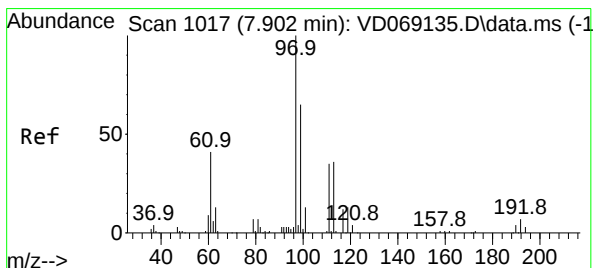
Tgt Ion: 56 Resp: 46364
Ion Ratio Lower Upper
56 100
69 50.9 30.6 46.0#
84 105.6 88.0 132.0



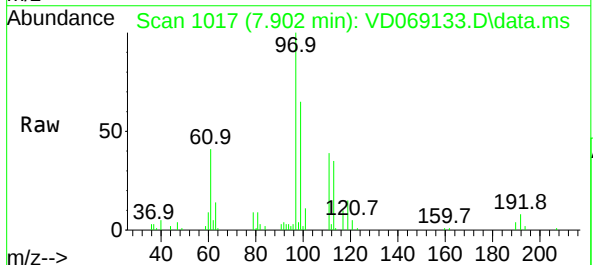
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

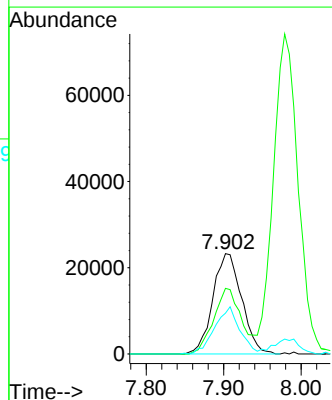
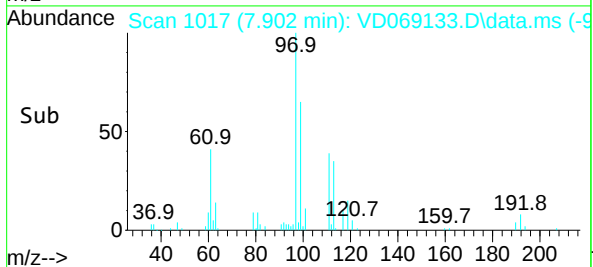
MMDadoda
5/13/2021 4:05:41 PM

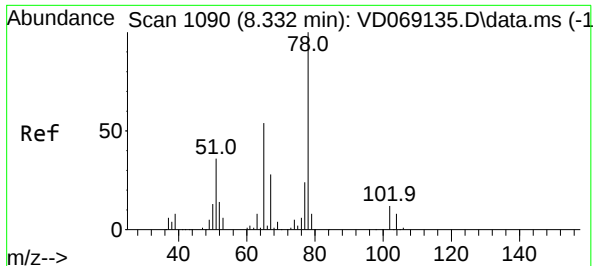


#32
1,1,1-Trichloroethane
Concen: 10.84 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



Tgt Ion: 97 Resp: 60004
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 41.0 32.5 48.7





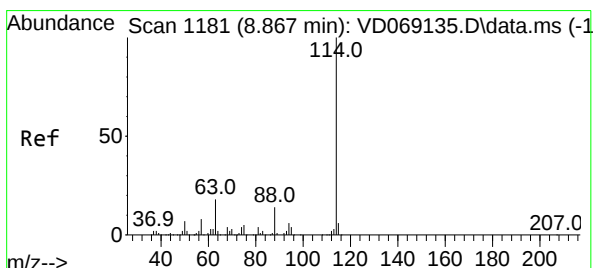
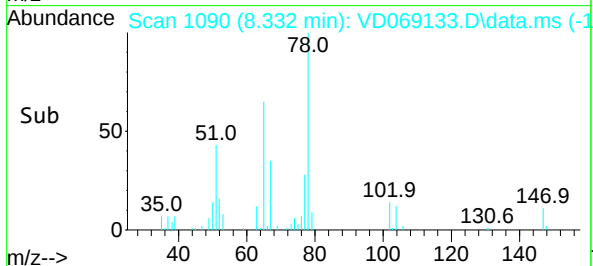
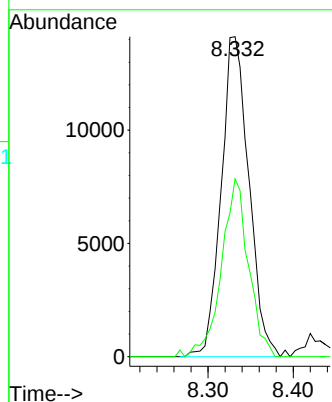
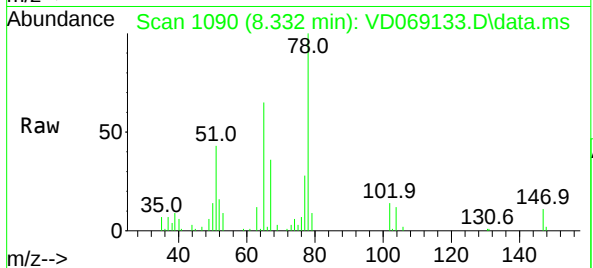
#33
1,2-Dichloroethane-d4
Concen: 11.13 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 65 Resp: 31929
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

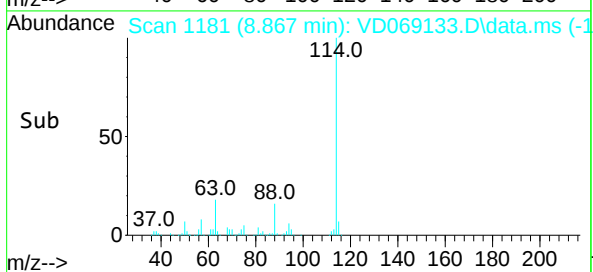
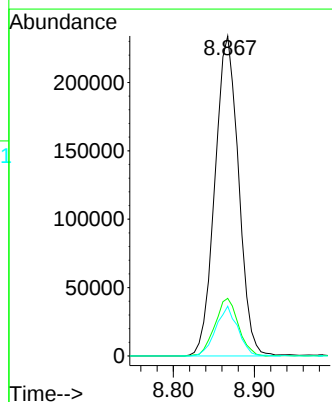
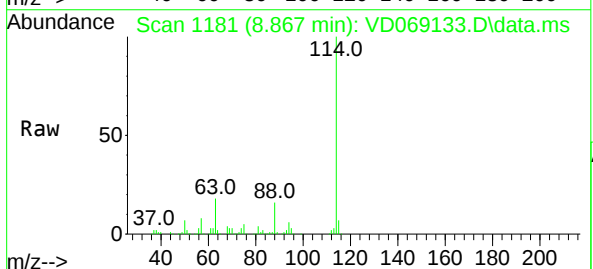
Manual Integrations
APPROVED

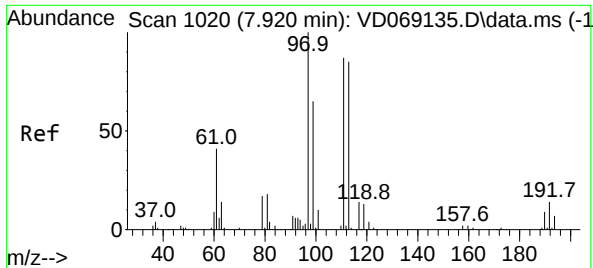
MMDadoda
5/13/2021 4:05:41 PM



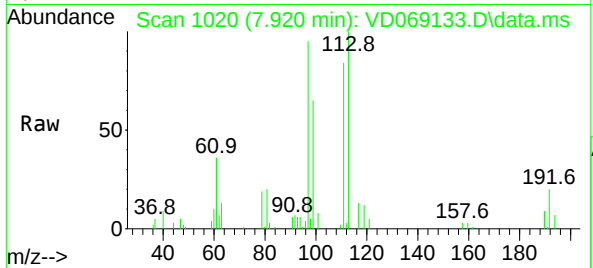
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 114 Resp: 473397
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.4
88 15.5 0.0 28.2

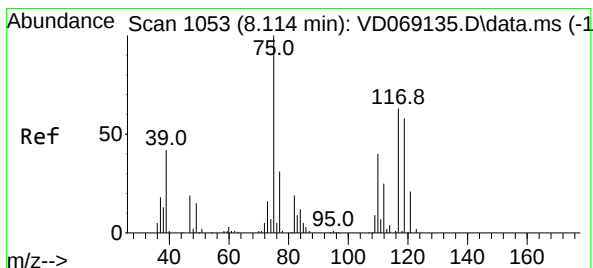
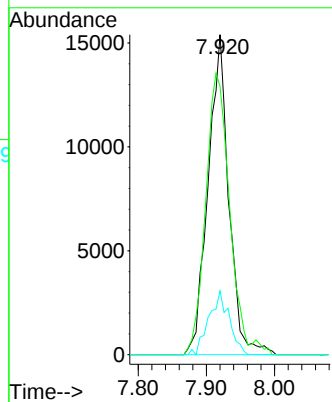
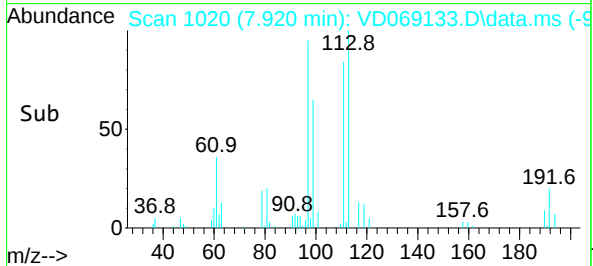




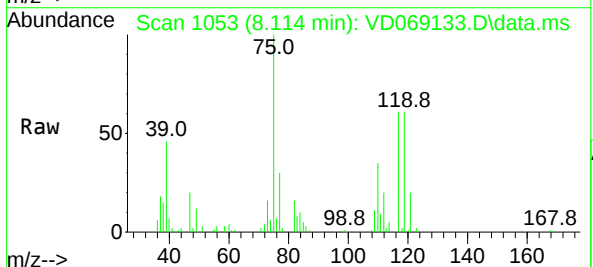
#35
Dibromofluoromethane
Concen: 10.58 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



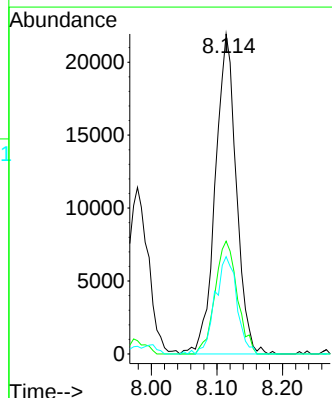
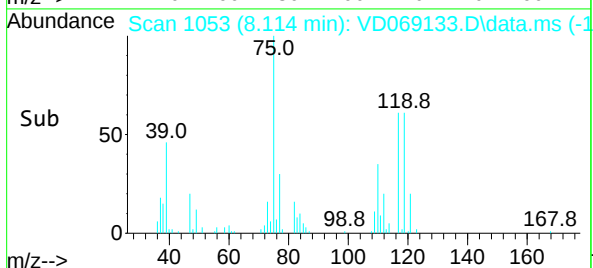
Tgt Ion: 113 Resp: 32594
Ion Ratio Lower Upper
113 100
111 100.2 80.6 120.8
192 19.6 14.8 22.2



#36
1,1-Dichloropropene
Concen: 10.57 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



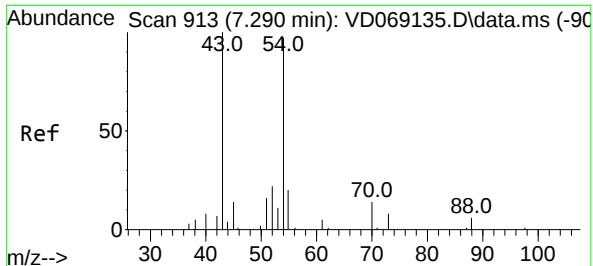
Tgt Ion: 75 Resp: 48660
Ion Ratio Lower Upper
75 100
110 37.3 18.8 56.4
77 31.6 25.2 37.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



#37

Ethyl Acetate

Concen: 10.63 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD069133.D

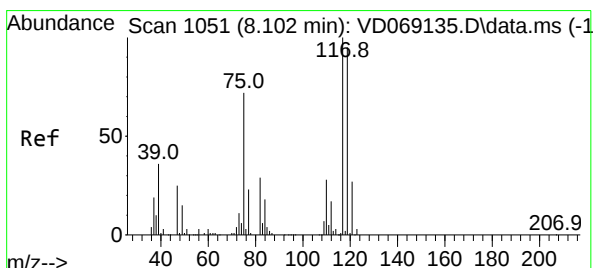
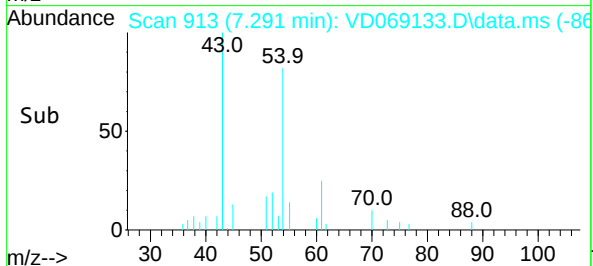
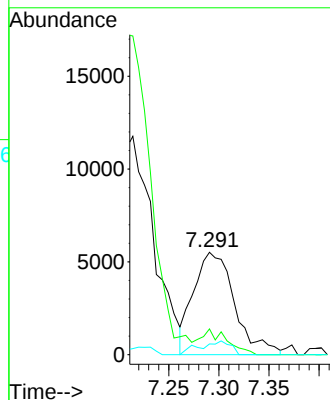
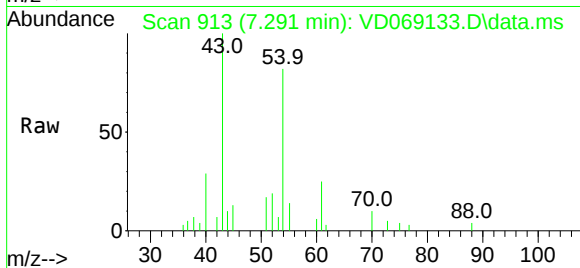
Acq: 12 May 2021 12:05

Tgt Ion:	43	Resp:	15724
Ion Ratio	Lower	Upper	
43	100		
61	16.4	11.5	17.3
70	9.9	10.4	15.6#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



#38

Carbon Tetrachloride

Concen: 10.47 ug/l

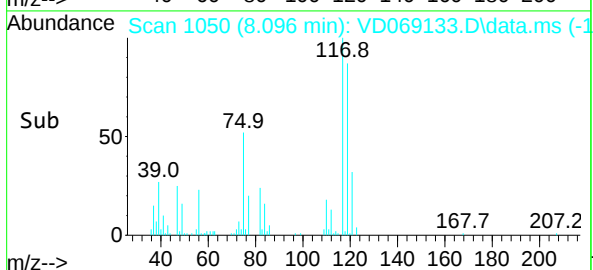
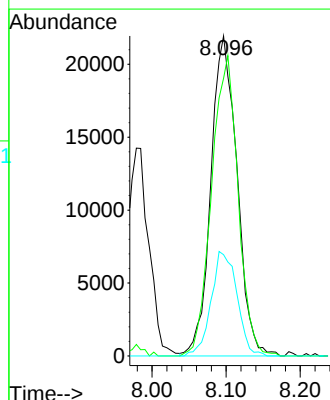
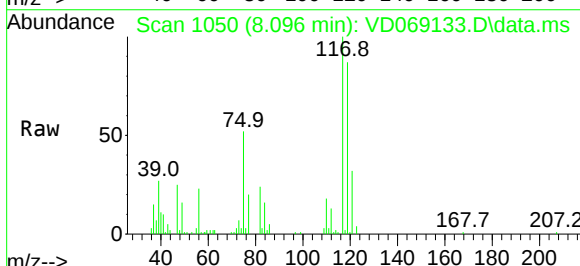
RT: 8.096 min Scan# 1050

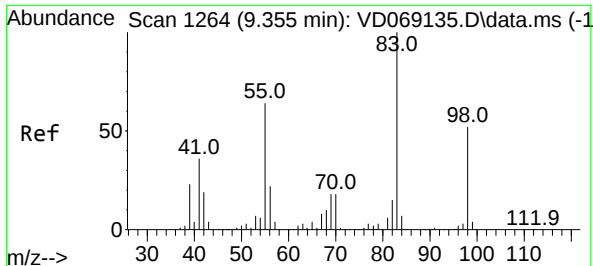
Delta R.T. -0.006 min

Lab File: VD069133.D

Acq: 12 May 2021 12:05

Tgt Ion:	117	Resp:	53844
Ion Ratio	Lower	Upper	
117	100		
119	86.8	76.2	114.2
121	31.7	21.9	32.9





#39

Methylcyclohexane

Concen: 9.86 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069133.D

Acq: 12 May 2021 12:05

Tgt Ion:	83	Resp:	47858
Ion	Ratio	Lower	Upper
83	100		
55	68.7	51.2	76.8
98	50.3	41.4	62.2

Instrument :

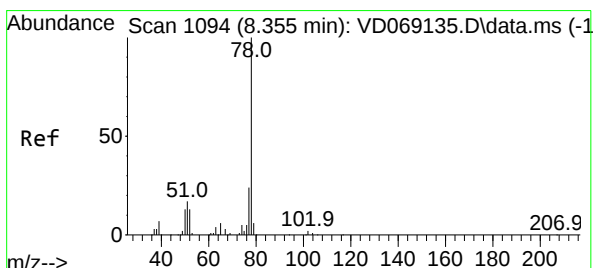
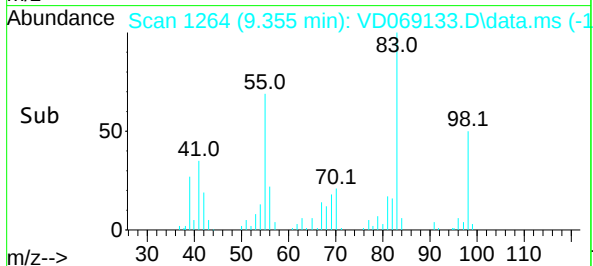
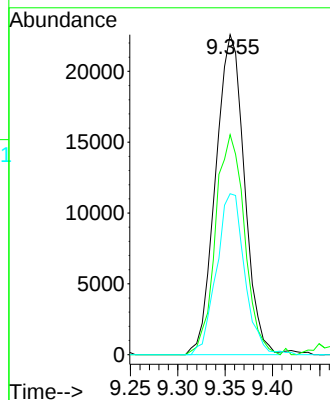
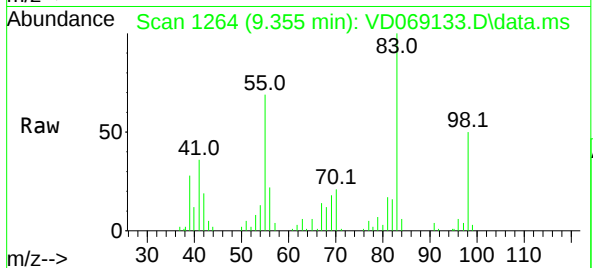
MSVOA_D

ClientSampleId :

VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



#40

Benzene

Concen: 10.71 ug/l

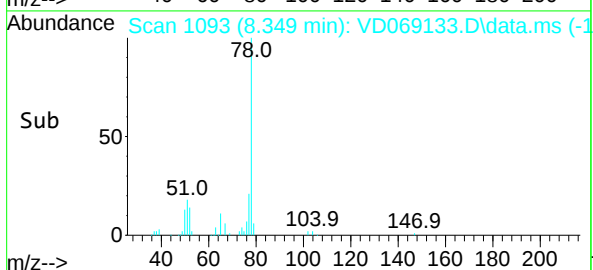
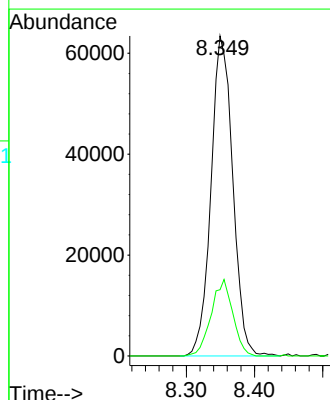
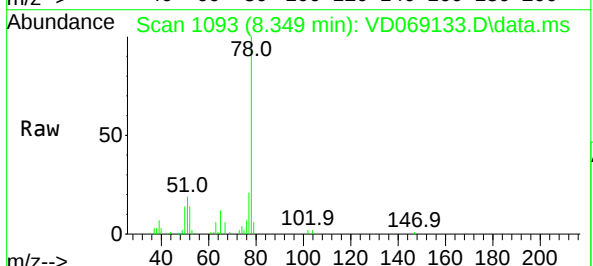
RT: 8.349 min Scan# 1093

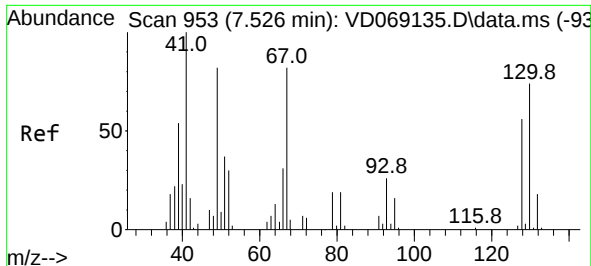
Delta R.T. -0.006 min

Lab File: VD069133.D

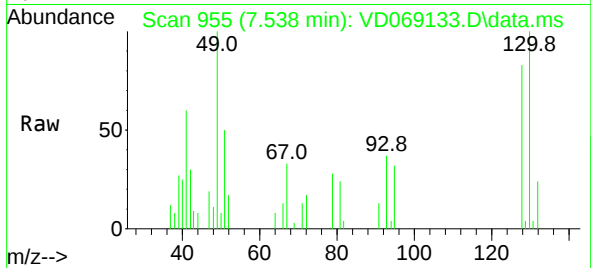
Acq: 12 May 2021 12:05

Tgt Ion:	78	Resp:	141178
Ion	Ratio	Lower	Upper
78	100		
77	20.7	19.1	28.7

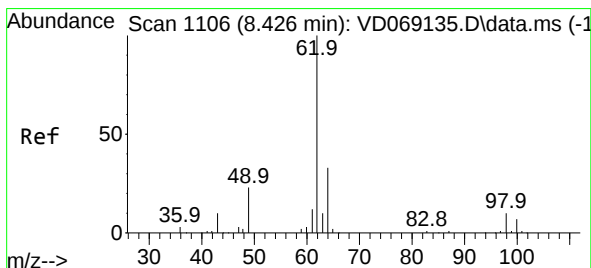
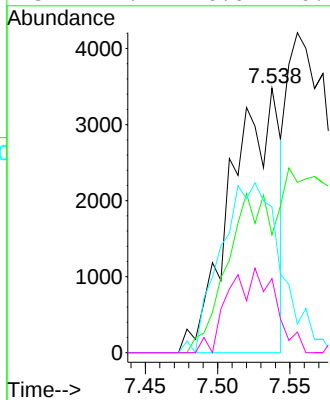
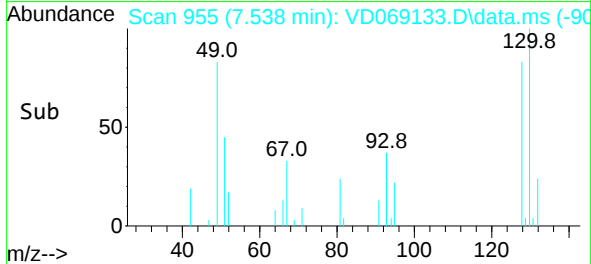




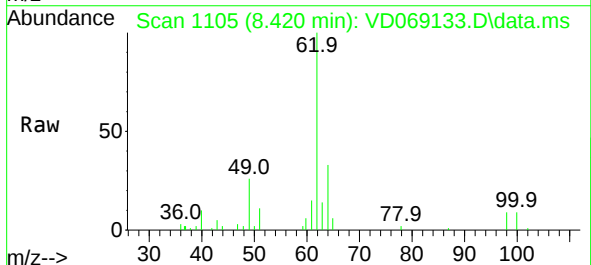
#41
Methacrylonitrile
Concen: 11.19 ug/l m
RT: 7.538 min Scan# 955
Delta R.T. 0.012 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



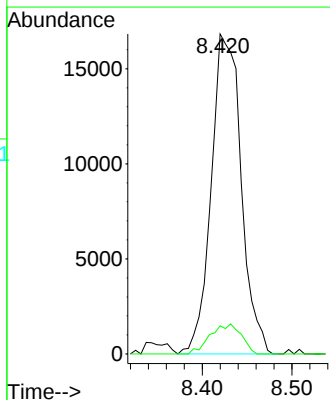
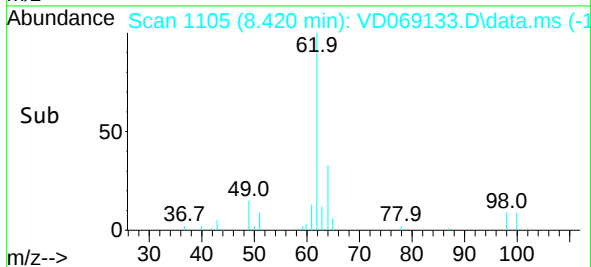
Tgt Ion: 41 Resp: 8146
Ion Ratio Lower Upper
41 100
39 53.3 58.0 87.0#
67 80.0 0.0 0.0#
52 14.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 10.82 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



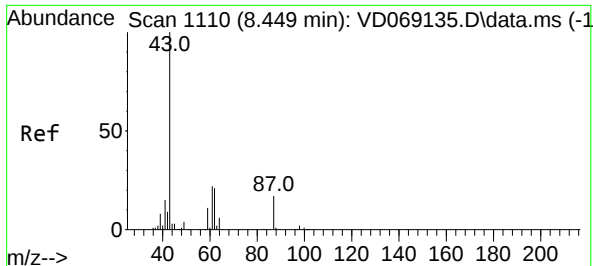
Tgt Ion: 62 Resp: 38949
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



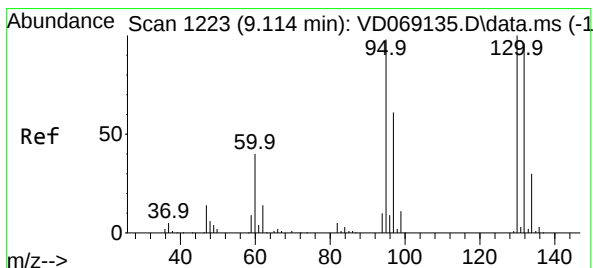
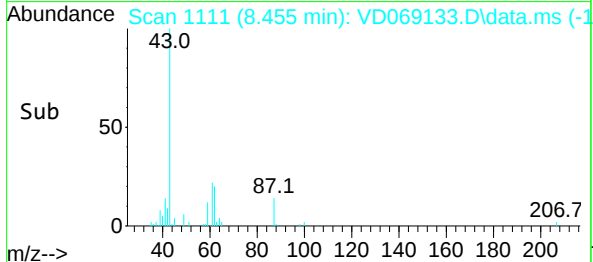
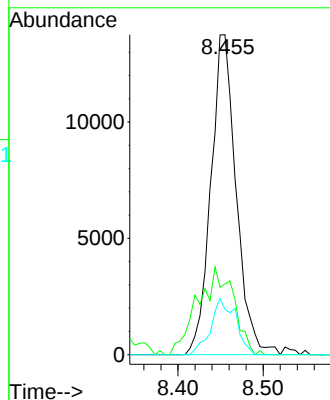
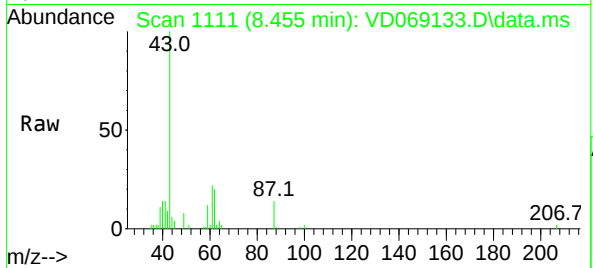
#43
Isopropyl Acetate
Concen: 10.58 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	38.7	28.6	42.8
87	17.2	13.8	20.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

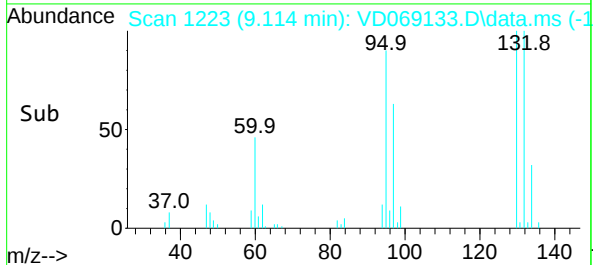
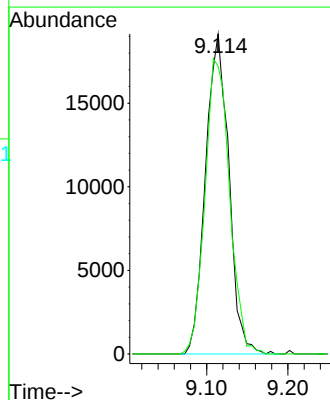
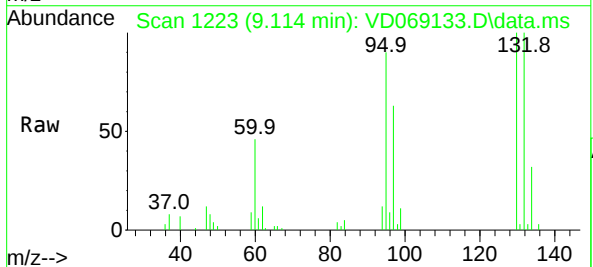
Manual Integrations
APPROVED

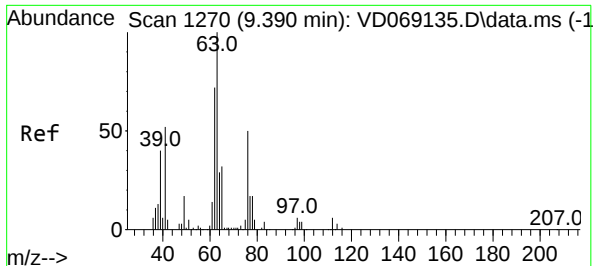
MMDadoda
5/13/2021 4:05:41 PM



#44
Trichloroethene
Concen: 10.35 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	196.2





#45

1,2-Dichloropropane

Concen: 11.17 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VD069133.D

Acq: 12 May 2021 12:05

Tgt Ion: 63 Resp: 34769

Ion Ratio Lower Upper

63 100

65 28.7 25.9 38.9

Instrument :

MSVOA_D

ClientSampled :

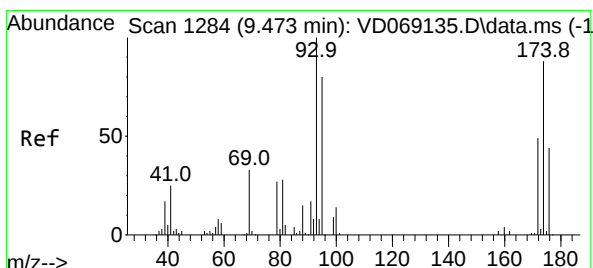
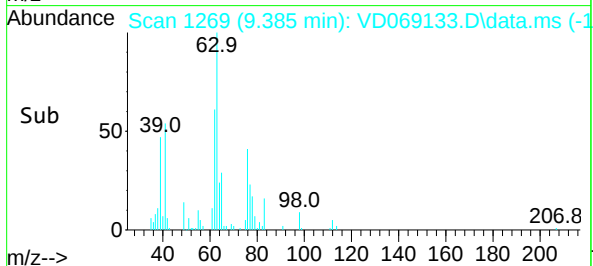
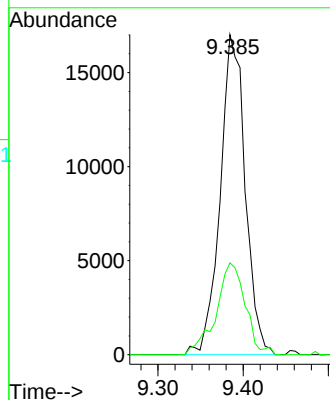
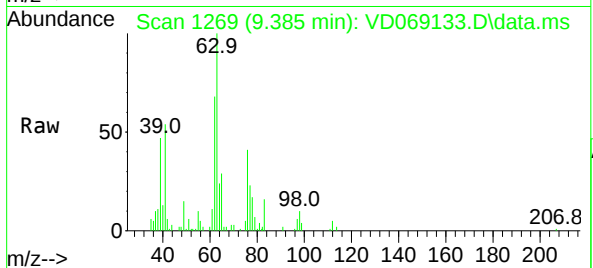
VSTDIC010

Manual Integrations

APPROVED

MMDadoda

5/13/2021 4:05:41 PM



#46

Dibromomethane

Concen: 10.72 ug/l

RT: 9.479 min Scan# 1285

Delta R.T. 0.006 min

Lab File: VD069133.D

Acq: 12 May 2021 12:05

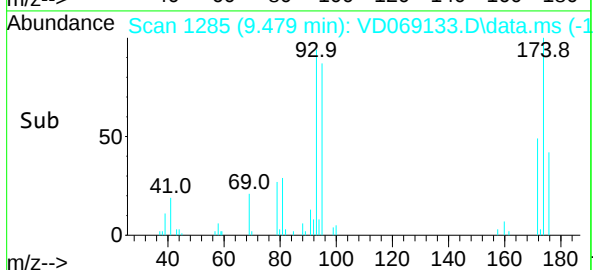
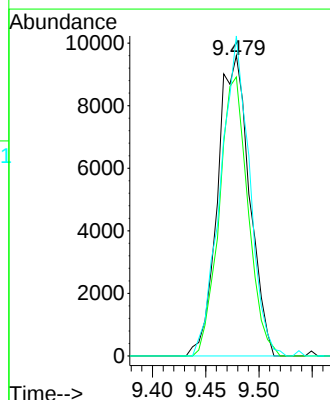
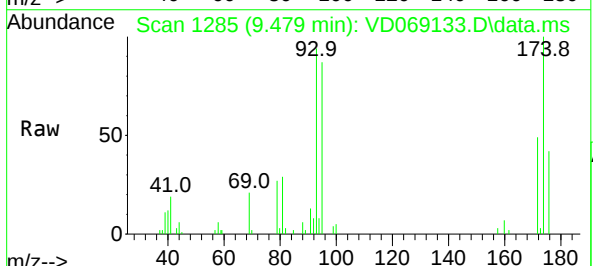
Tgt Ion: 93 Resp: 19933

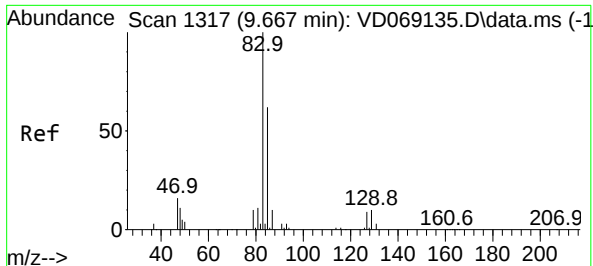
Ion Ratio Lower Upper

93 100

95 83.8 65.9 98.9

174 97.1 76.6 115.0





#47

Bromodichloromethane

Concen: 10.90 ug/l

RT: 9.661 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VD069133.D

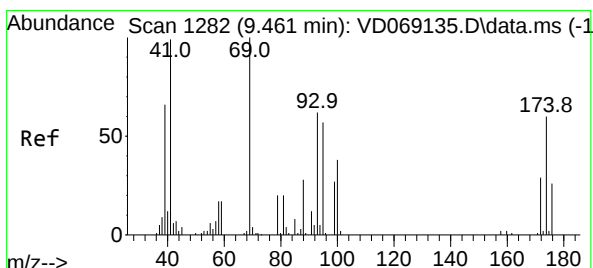
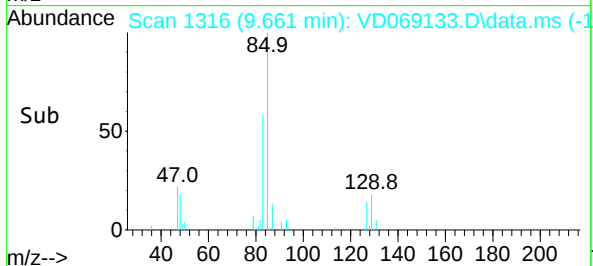
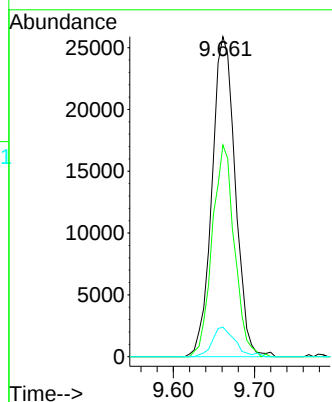
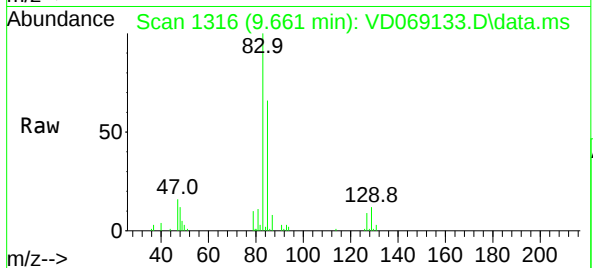
Acq: 12 May 2021 12:05

Tgt Ion:	83	Resp:	51576
Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.0	75.0
127	9.3	7.1	10.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



#48

Methyl methacrylate

Concen: 9.65 ug/l

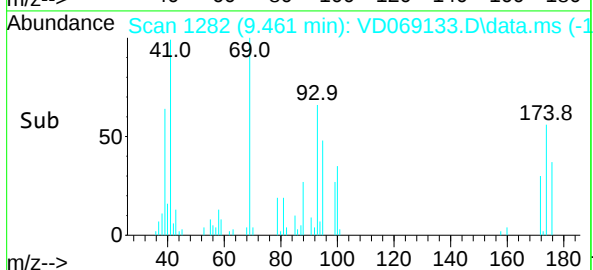
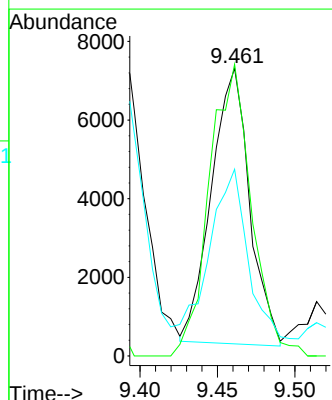
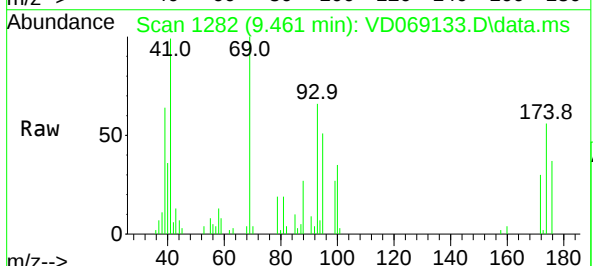
RT: 9.461 min Scan# 1282

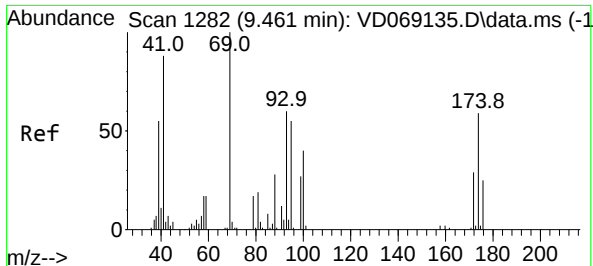
Delta R.T. 0.000 min

Lab File: VD069133.D

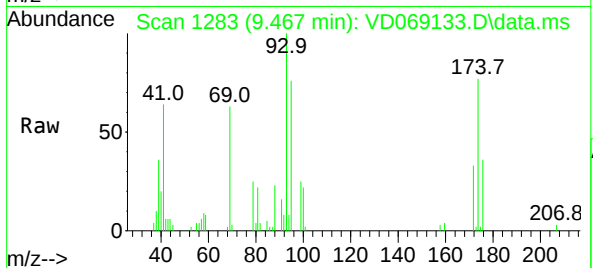
Acq: 12 May 2021 12:05

Tgt Ion:	41	Resp:	11981
Ion	Ratio	Lower	Upper
41	100		
69	116.9	88.0	132.0
39	78.7	51.4	77.0#

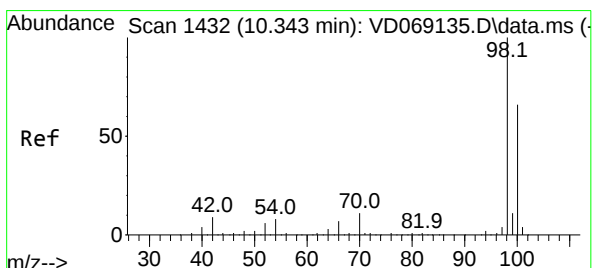
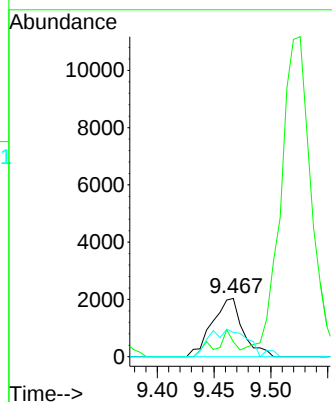
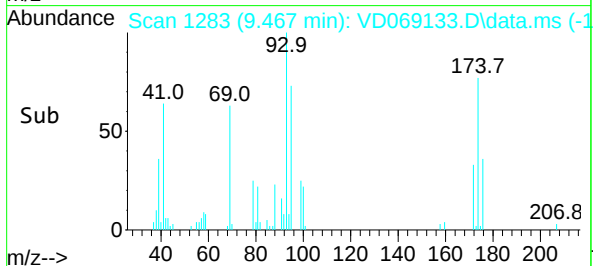




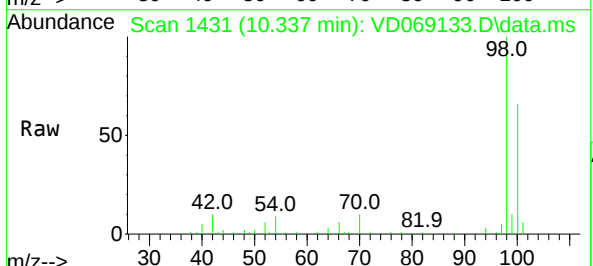
#49
1,4-Dioxane
Concen: 219.21 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



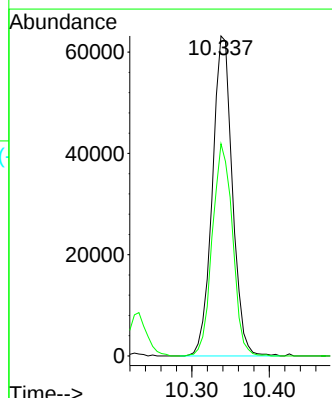
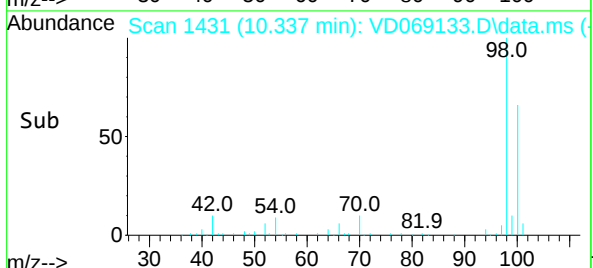
Tgt Ion: 88 Resp: 3835
Ion Ratio Lower Upper
88 100
43 27.7 26.7 40.1
58 60.4 45.8 68.6



#50
Toluene-d8
Concen: 10.03 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



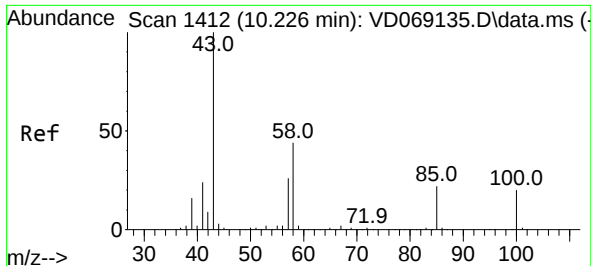
Tgt Ion: 98 Resp: 113523
Ion Ratio Lower Upper
98 100
100 66.8 51.8 77.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



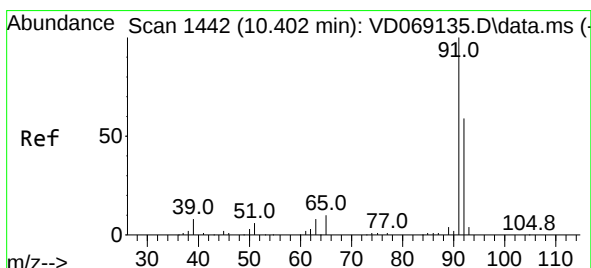
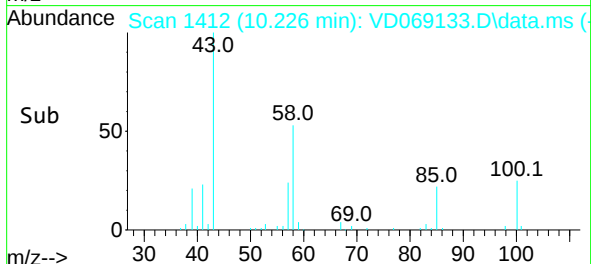
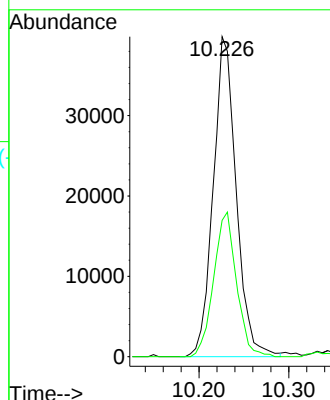
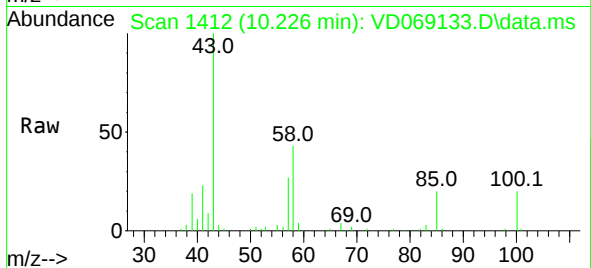
#51
4-Methyl-2-Pentanone
Concen: 51.26 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 43 Resp: 70819
Ion Ratio Lower Upper
43 100
58 45.0 35.0 52.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

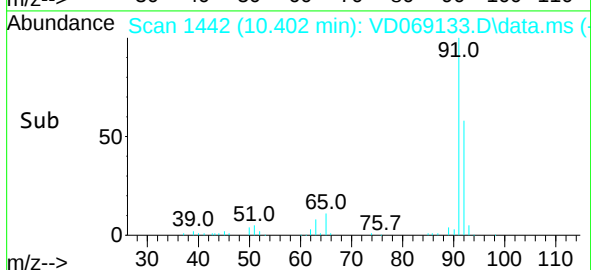
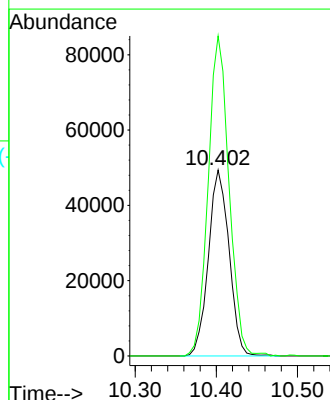
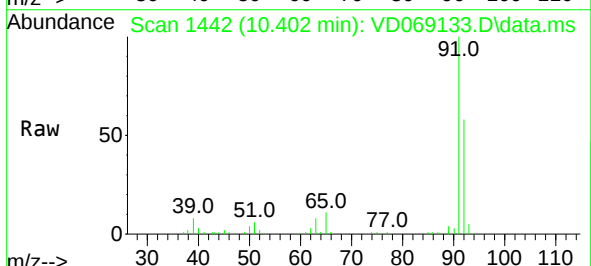
Manual Integrations
APPROVED

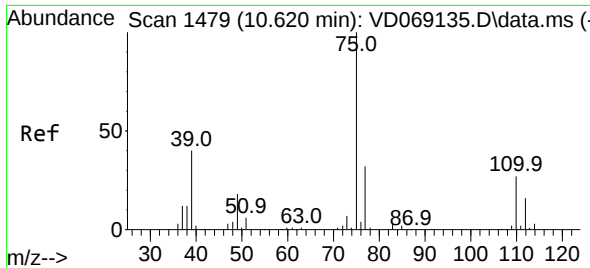
MMDadoda
5/13/2021 4:05:41 PM



#52
Toluene
Concen: 10.26 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 92 Resp: 87290
Ion Ratio Lower Upper
92 100
91 173.5 136.2 204.2





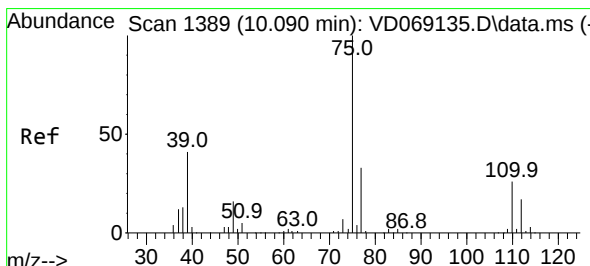
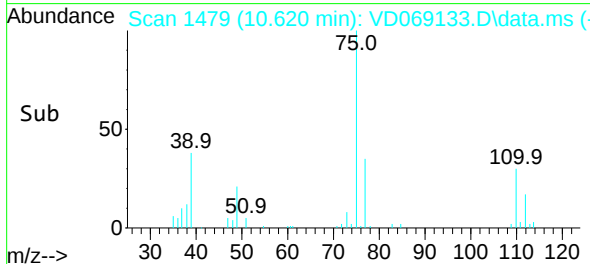
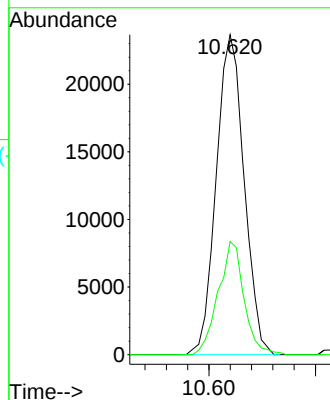
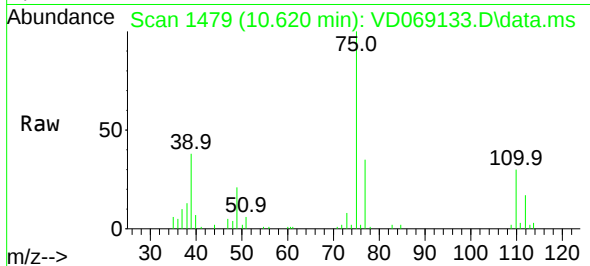
#53
t-1,3-Dichloropropene
Concen: 10.30 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 75 Resp: 42847
Ion Ratio Lower Upper
75 100
77 35.3 26.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

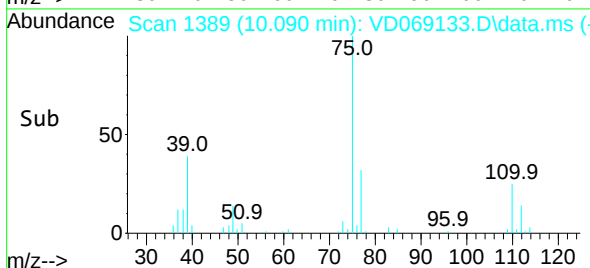
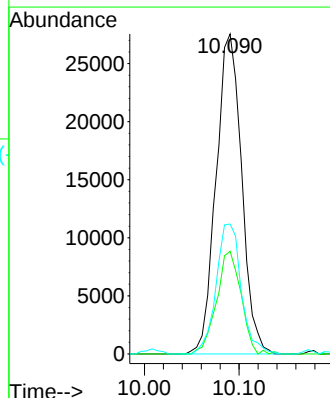
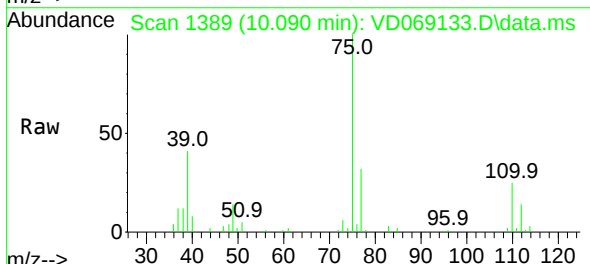
Manual Integrations
APPROVED

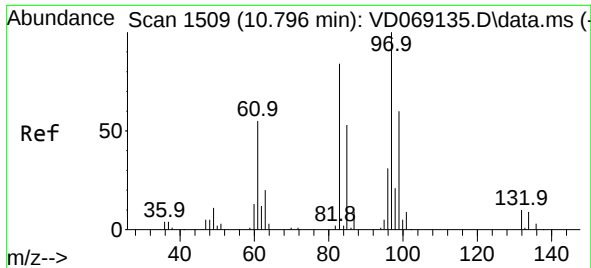
MMDadoda
5/13/2021 4:05:41 PM



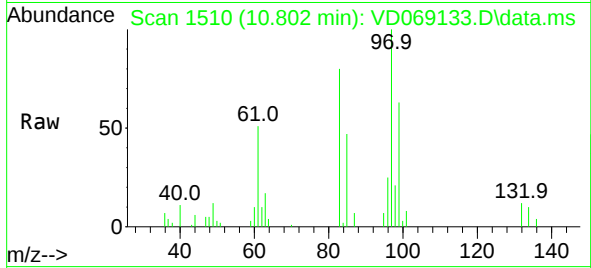
#54
cis-1,3-Dichloropropene
Concen: 10.38 ug/l
RT: 10.090 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 75 Resp: 51634
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.4
39 40.6 32.9 49.3

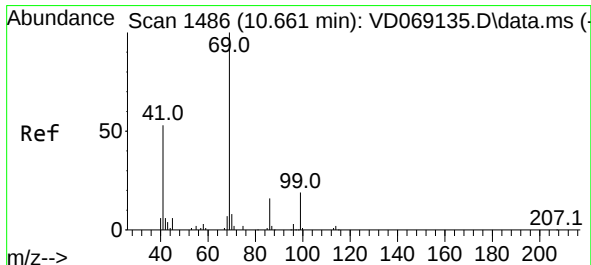
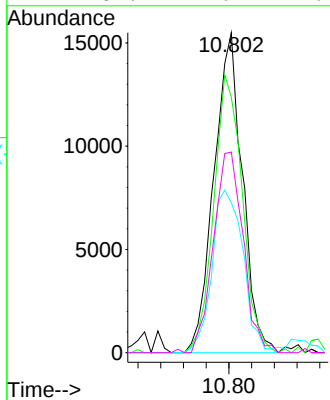
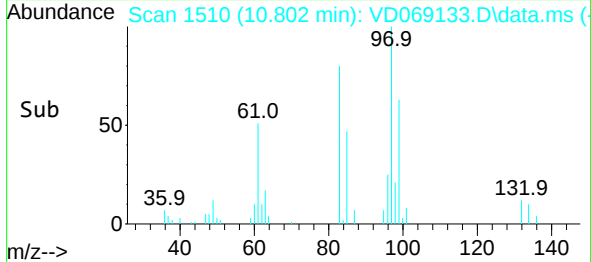




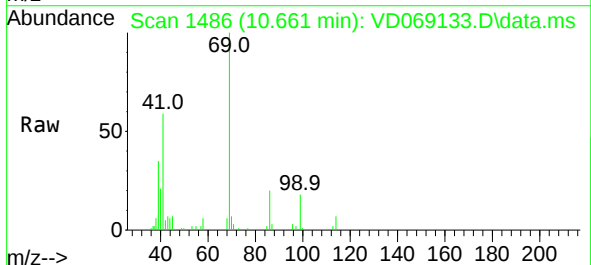
#55
1,1,2-Trichloroethane
Concen: 10.75 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



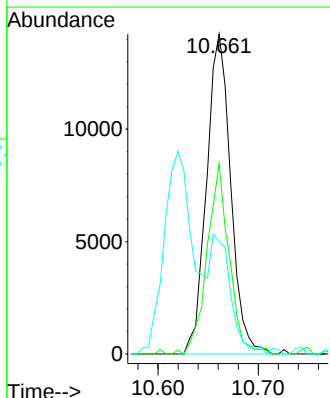
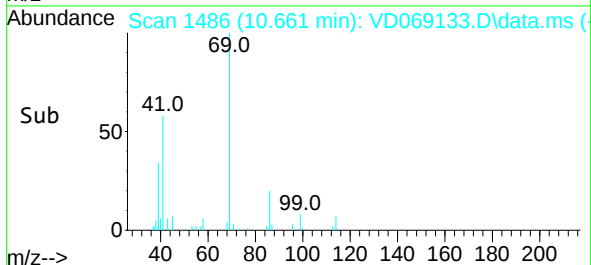
Tgt Ion:	97	Resp:	26943
Ion	Ratio	Lower	Upper
97	100		
83	79.8	66.9	100.3
85	46.8	42.2	63.4
99	62.7	47.9	71.9



#56
Ethyl methacrylate
Concen: 9.52 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



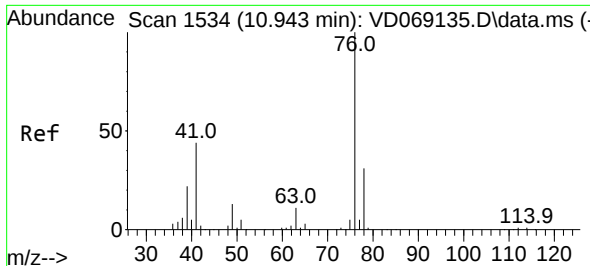
Tgt Ion:	69	Resp:	23824
Ion	Ratio	Lower	Upper
69	100		
41	54.4	42.2	63.2
39	30.1	26.3	39.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



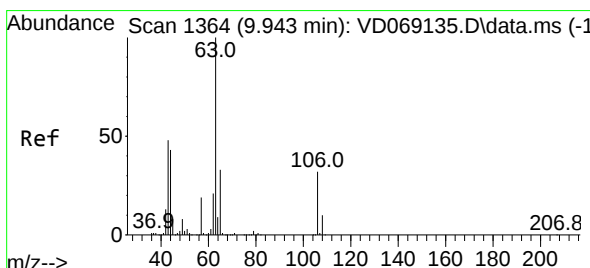
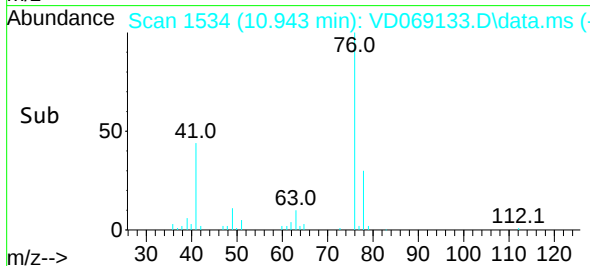
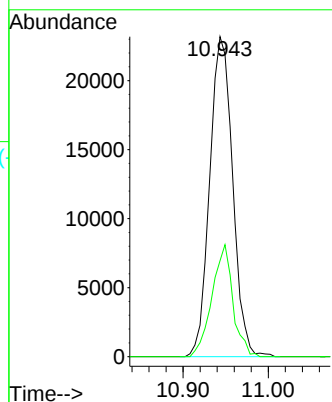
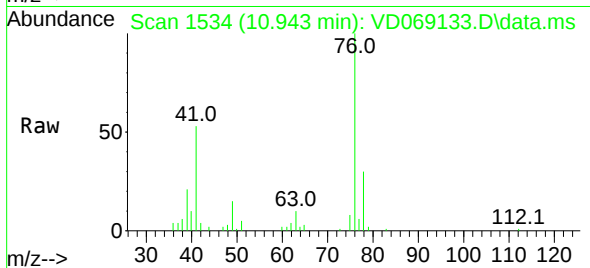
#57
1,3-Dichloropropane
Concen: 10.71 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 76 Resp: 43394
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

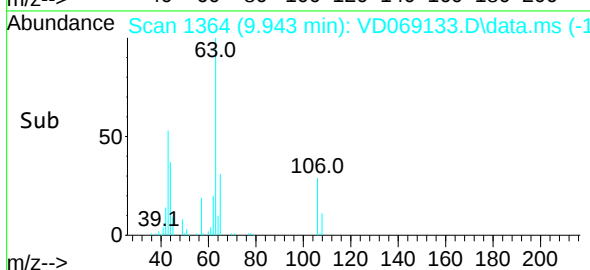
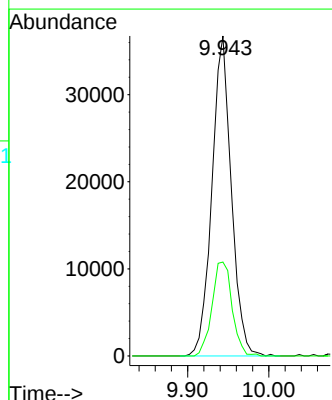
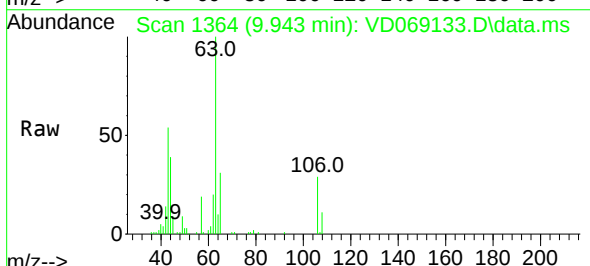
Manual Integrations
APPROVED

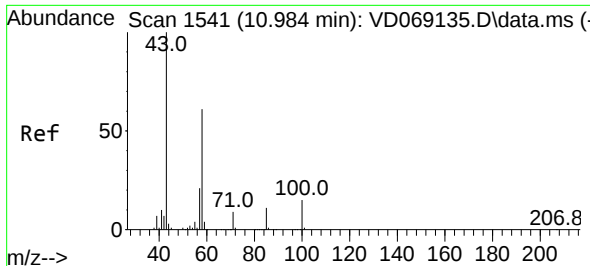
MMDadoda
5/13/2021 4:05:41 PM



#58
2-Chloroethyl Vinyl ether
Concen: 49.14 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

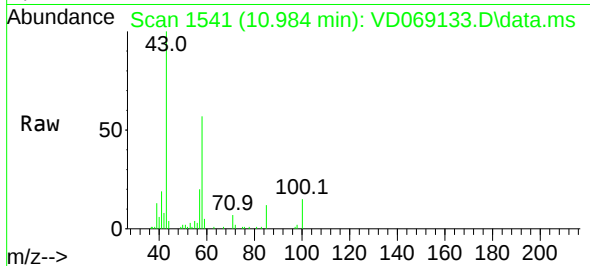
Tgt Ion: 63 Resp: 60984
Ion Ratio Lower Upper
63 100
106 30.4 25.3 37.9





#59
2-Hexanone
Concen: 51.65 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

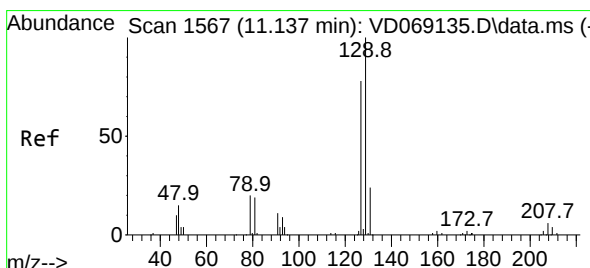
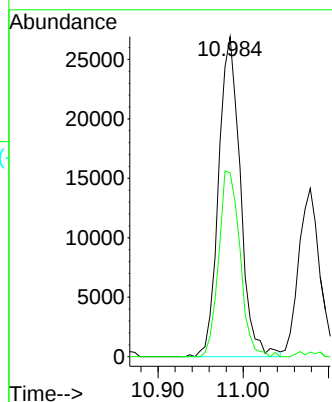
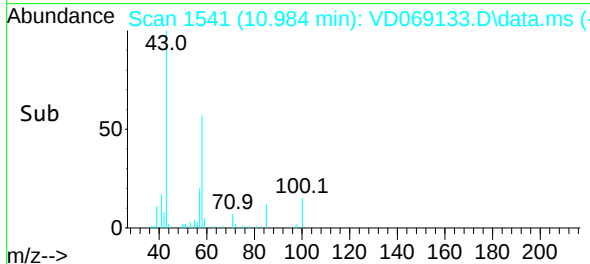
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



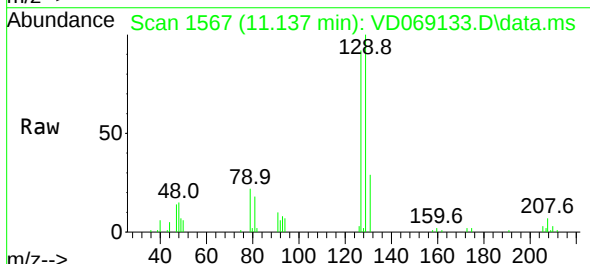
Tgt Ion: 43 Resp: 47615
Ion Ratio Lower Upper
43 100
58 56.9 31.1 93.5

Manual Integrations
APPROVED

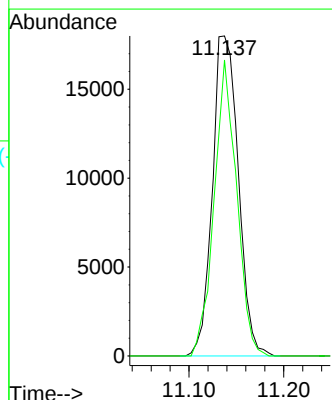
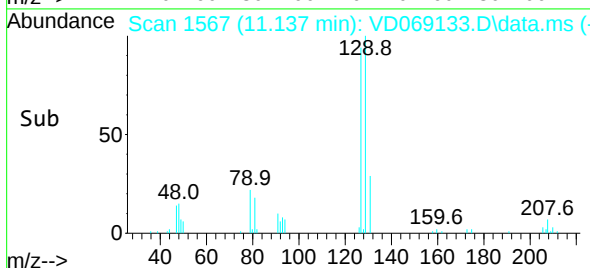
MMDadoda
5/13/2021 4:05:41 PM

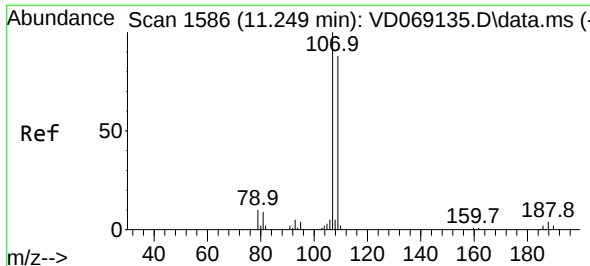


#60
Dibromochloromethane
Concen: 10.65 ug/l
RT: 11.137 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



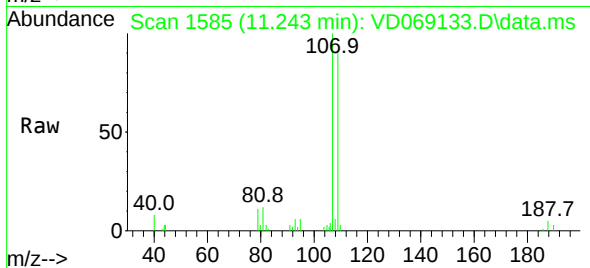
Tgt Ion: 129 Resp: 34309
Ion Ratio Lower Upper
129 100
127 80.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 10.55 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

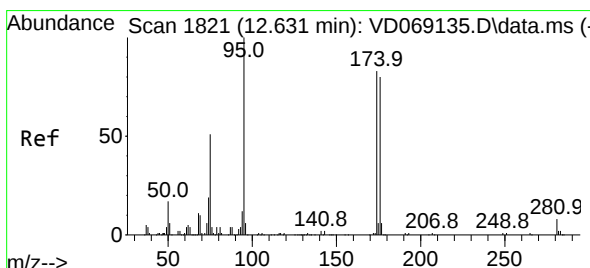
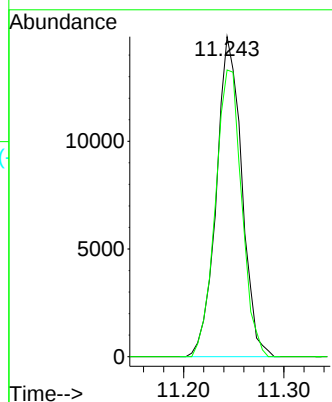
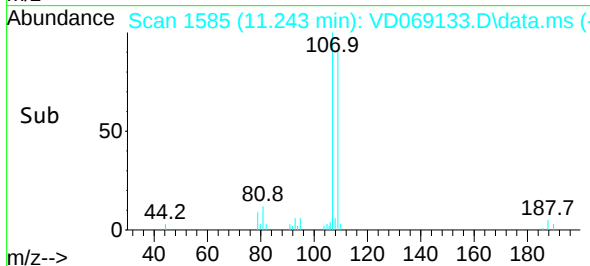
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



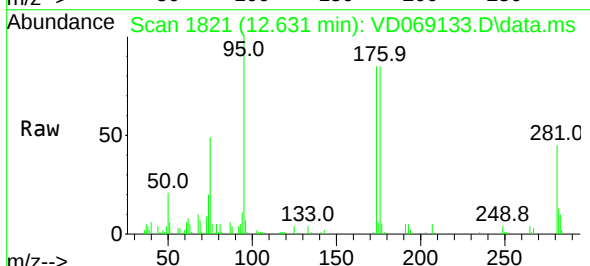
Tgt Ion:107 Resp: 26143
Ion Ratio Lower Upper
107 100
109 92.7 73.6 110.4

Manual Integrations
APPROVED

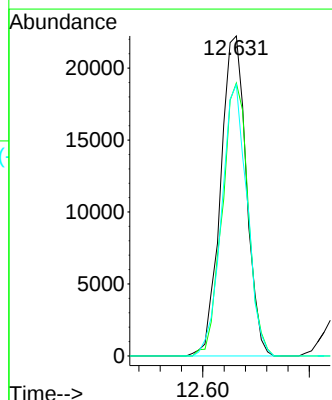
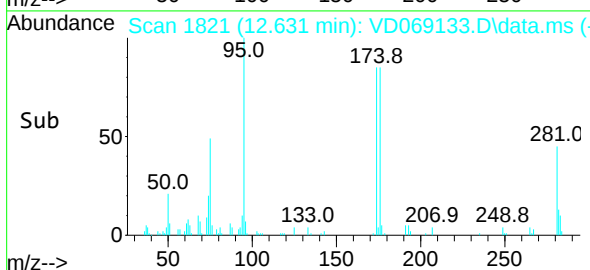
MMDadoda
5/13/2021 4:05:41 PM

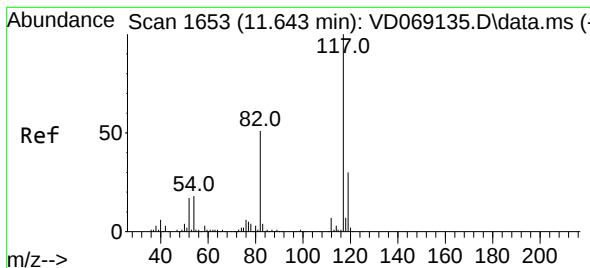


#62
4-Bromofluorobenzene
Concen: 10.24 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



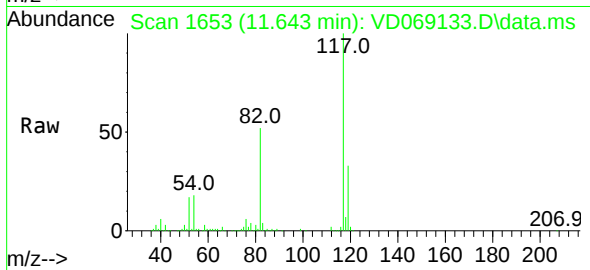
Tgt Ion: 95 Resp: 37312
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.8
176 83.7 0.0 165.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

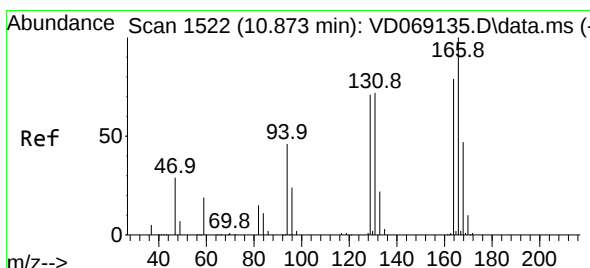
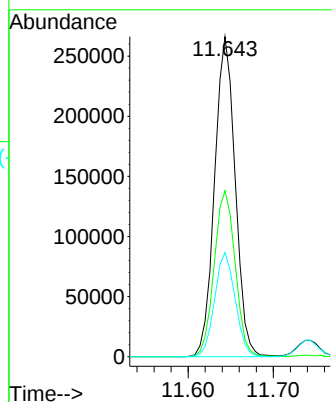
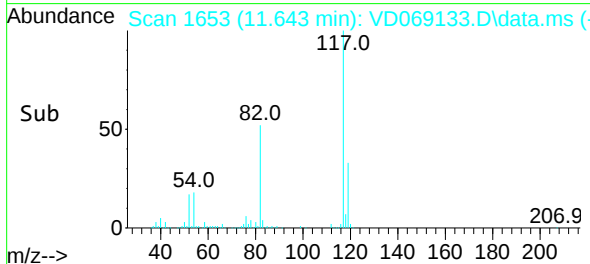
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



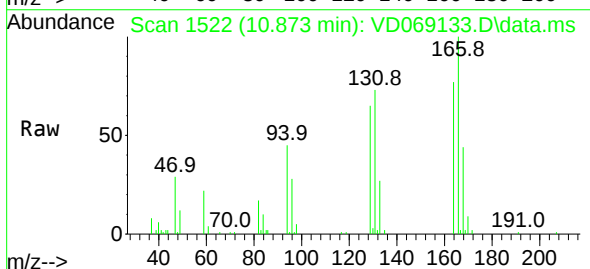
Tgt Ion:117 Resp: 448441
Ion Ratio Lower Upper
117 100
82 51.9 40.5 60.7
119 32.5 24.2 36.4

Manual Integrations
APPROVED

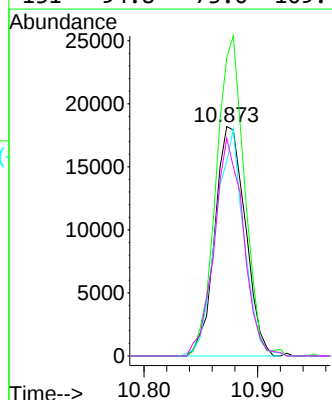
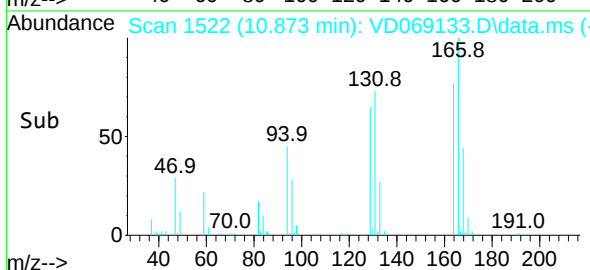
MMDadoda
5/13/2021 4:05:41 PM

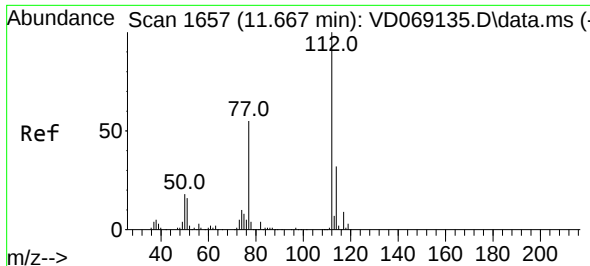


#64
Tetrachloroethene
Concen: 10.87 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



Tgt Ion:164 Resp: 33878
Ion Ratio Lower Upper
164 100
166 130.1 101.7 152.5
129 84.7 72.6 109.0
131 94.8 73.0 109.4





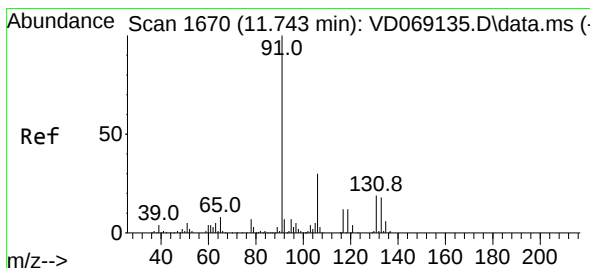
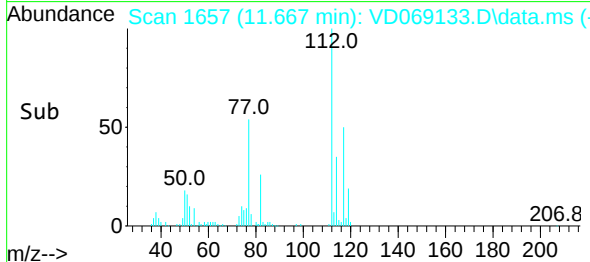
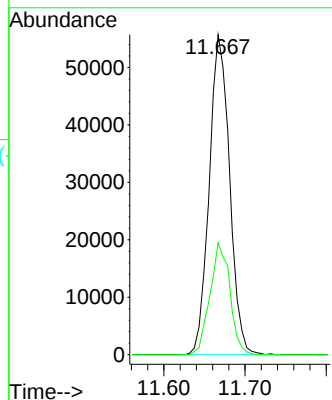
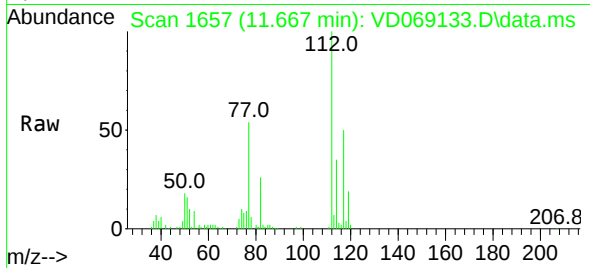
#65
Chlorobenzene
Concen: 10.43 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion:112 Resp: 96902
Ion Ratio Lower Upper
112 100
114 35.0 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

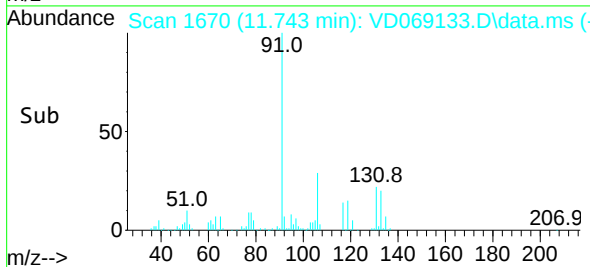
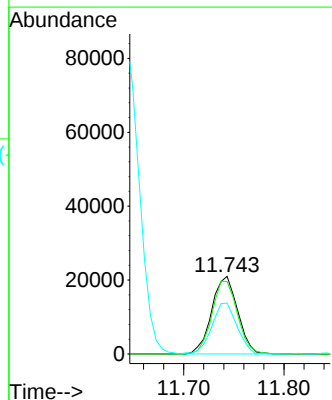
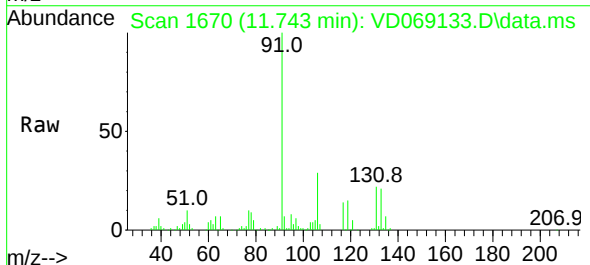
Manual Integrations
APPROVED

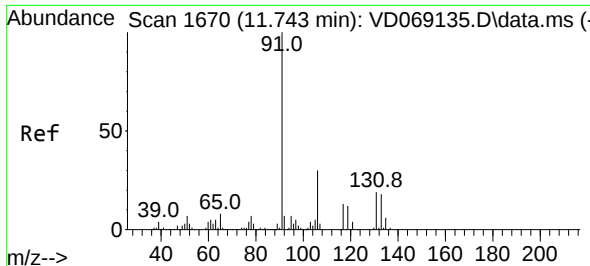
MMDadoda
5/13/2021 4:05:41 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 10.79 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion:131 Resp: 37832
Ion Ratio Lower Upper
131 100
133 92.3 47.5 142.5
119 63.8 32.1 96.5





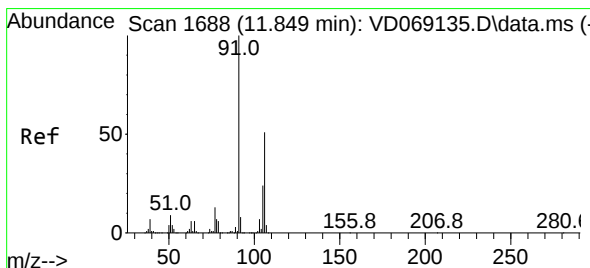
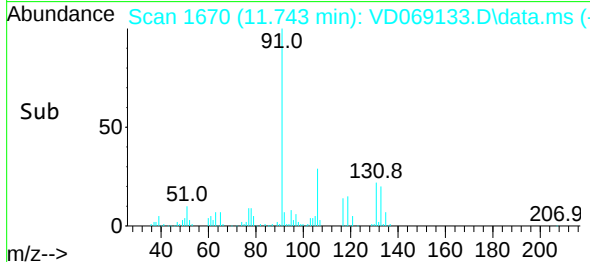
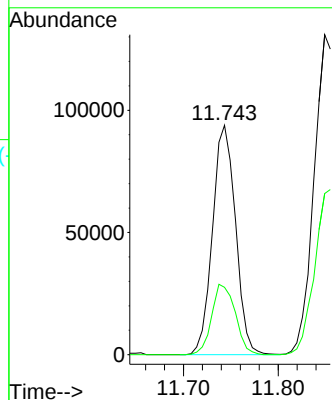
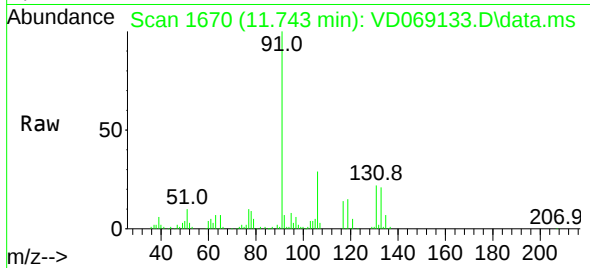
#67
Ethyl Benzene
Concen: 9.92 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 91 Resp: 158674
Ion Ratio Lower Upper
91 100
106 29.4 24.0 36.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

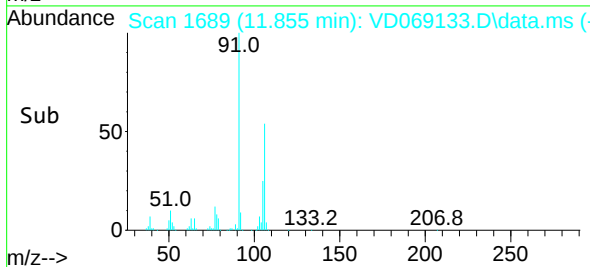
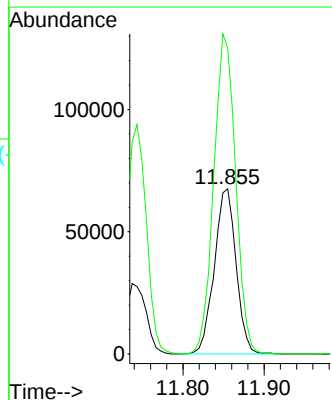
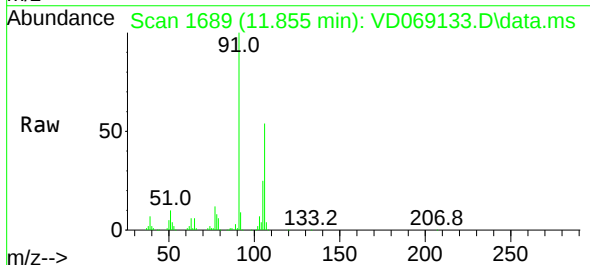
Manual Integrations
APPROVED

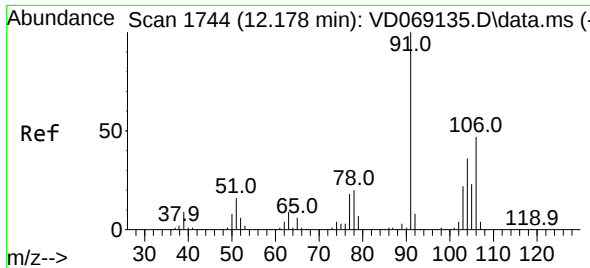
MMDadoda
5/13/2021 4:05:41 PM



#68
m/p-Xylenes
Concen: 20.10 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 106 Resp: 125970
Ion Ratio Lower Upper
106 100
91 194.8 157.3 235.9





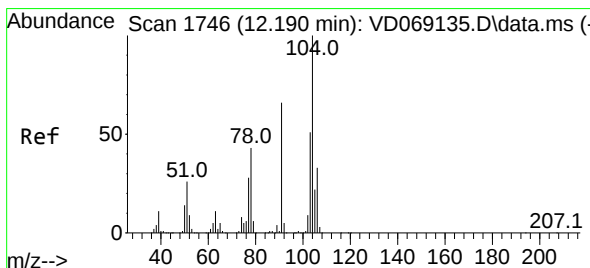
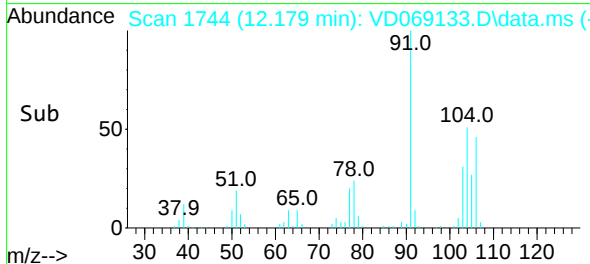
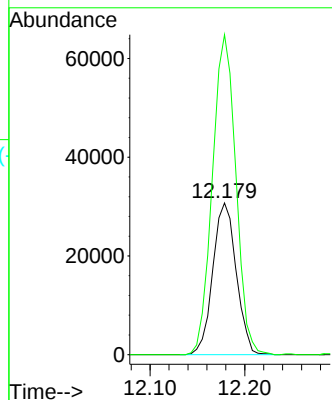
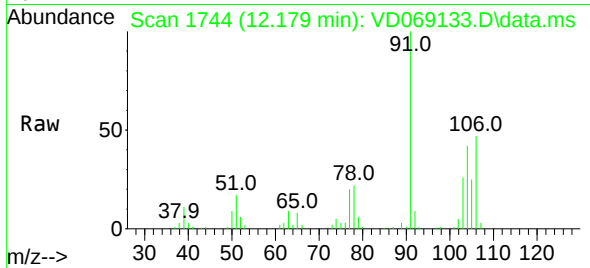
#69
o-Xylene
Concen: 9.49 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 52897
Ion Ratio Lower Upper
106 100
91 211.3 104.8 314.6

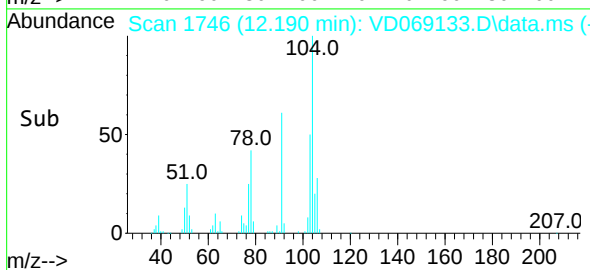
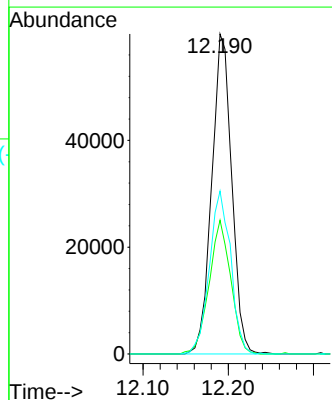
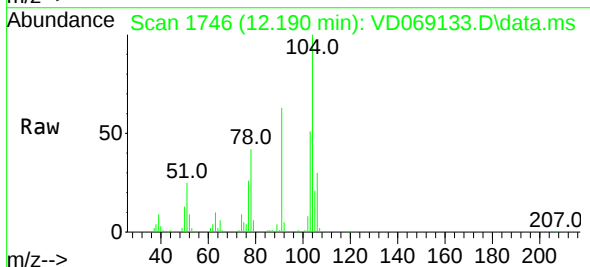
Manual Integrations
APPROVED

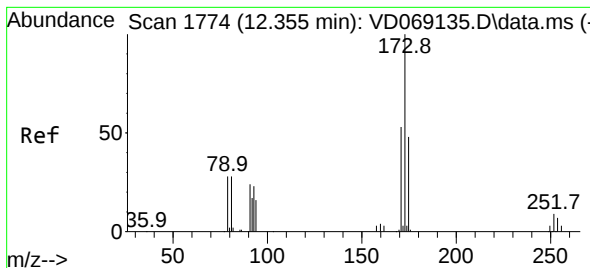
MMDadoda
5/13/2021 4:05:41 PM



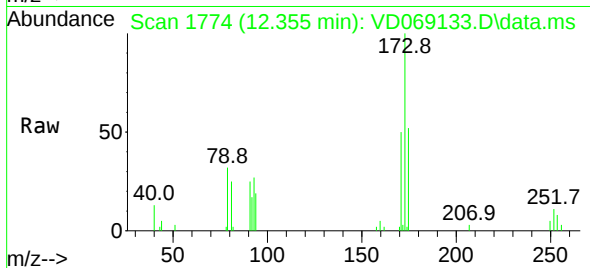
#70
Styrene
Concen: 10.03 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion:104 Resp: 97569
Ion Ratio Lower Upper
104 100
78 45.1 37.8 56.6
103 54.2 44.8 67.2

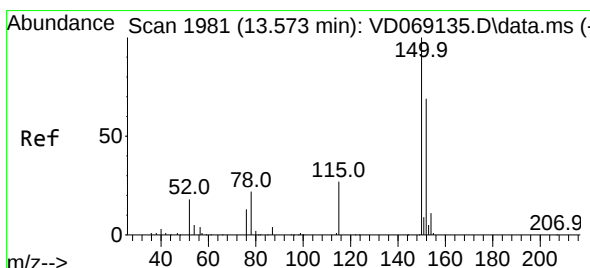
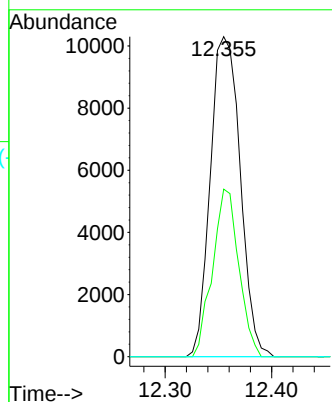
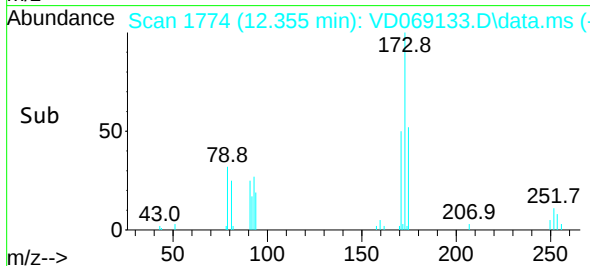




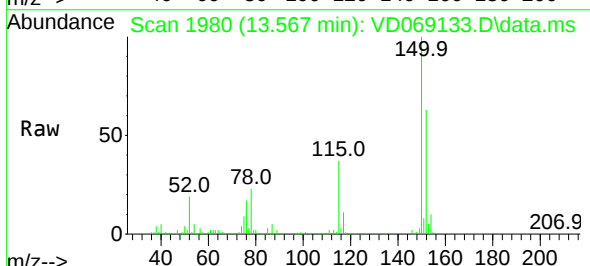
#71
Bromoform
Concen: 11.02 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



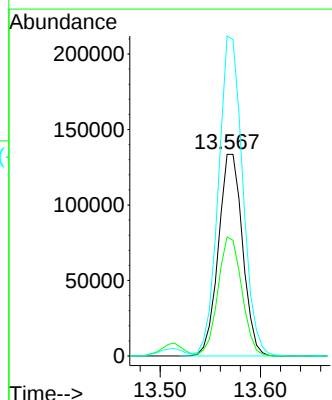
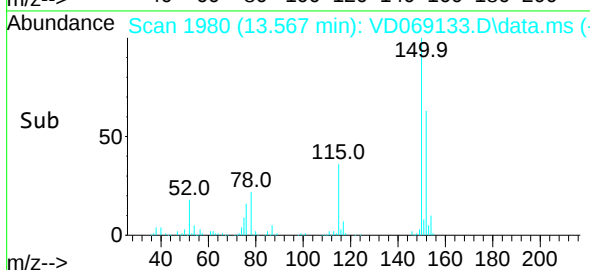
Tgt Ion:173 Resp: 20088
Ion Ratio Lower Upper
173 100
175 46.0 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



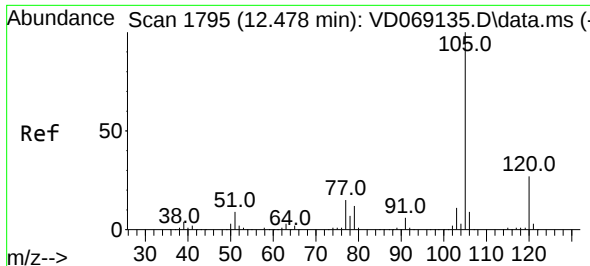
Tgt Ion:152 Resp: 223137
Ion Ratio Lower Upper
152 100
115 58.2 29.9 89.8
150 159.5 0.0 350.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



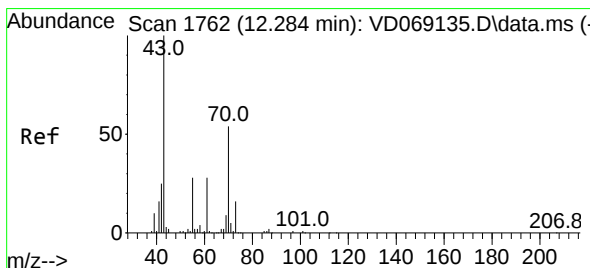
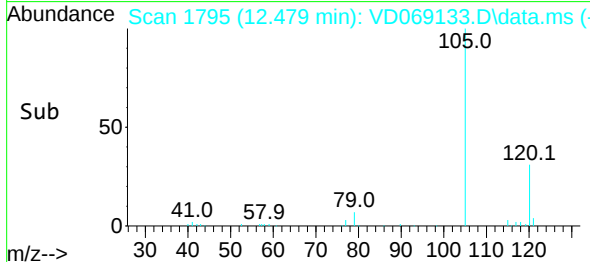
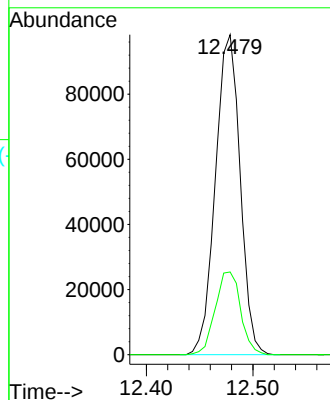
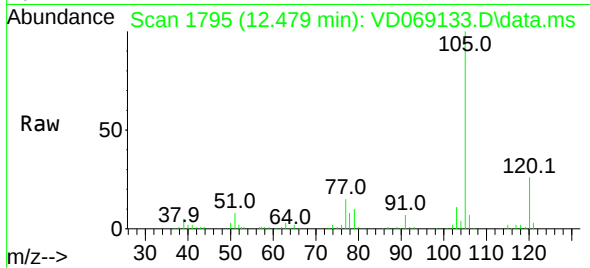
#73
Isopropylbenzene
Concen: 10.15 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 105 Resp: 158243
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

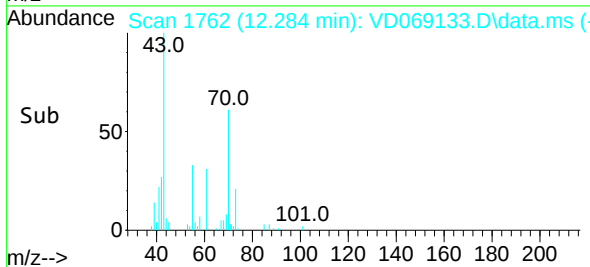
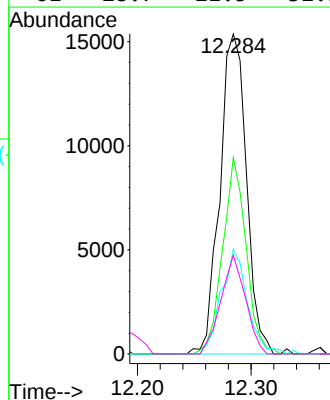
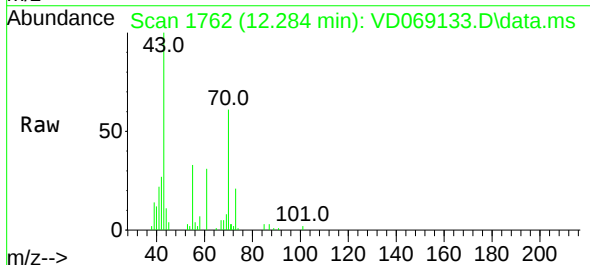
Manual Integrations
APPROVED

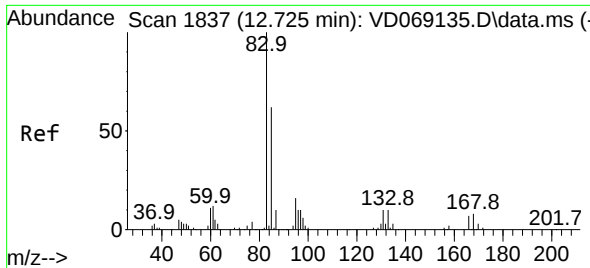
MMDadoda
5/13/2021 4:05:41 PM



#74
N-ethyl acetate
Concen: 9.78 ug/l
RT: 12.284 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

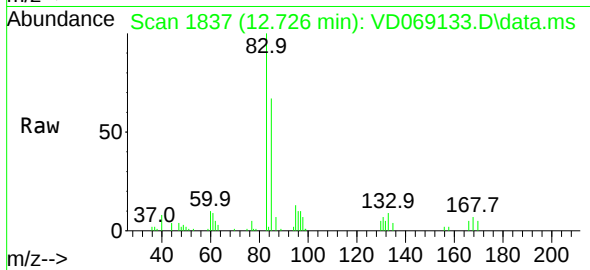
Tgt Ion: 43 Resp: 24943
Ion Ratio Lower Upper
43 100
70 54.3 41.6 62.4
55 32.3 22.6 34.0
61 28.7 21.5 32.3





#75
1,1,2,2-Tetrachloroethane
Concen: 11.16 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

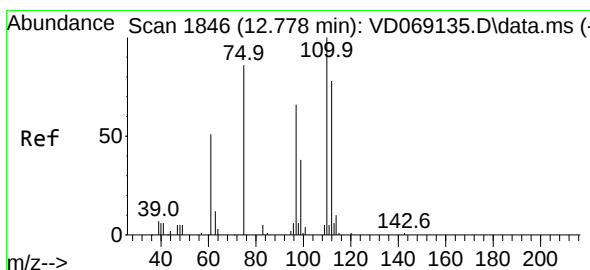
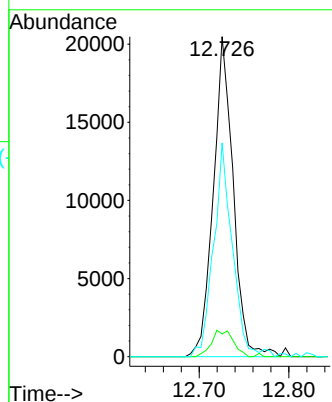
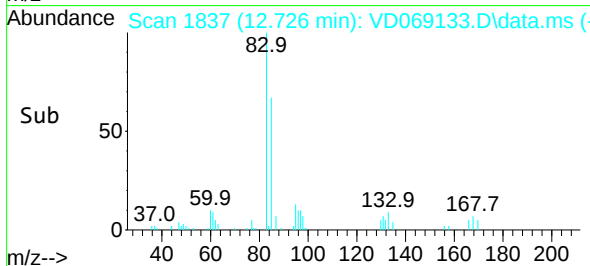
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



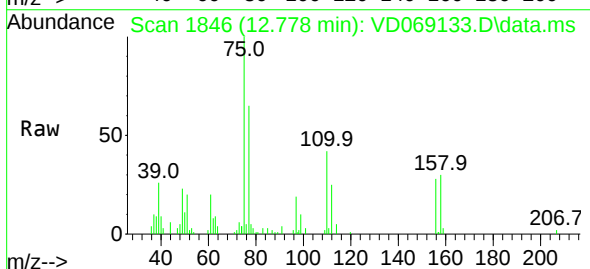
Tgt Ion: 83 Resp: 31547
Ion Ratio Lower Upper
83 100
131 9.0 5.4 16.2
85 64.0 31.9 95.5

Manual Integrations
APPROVED

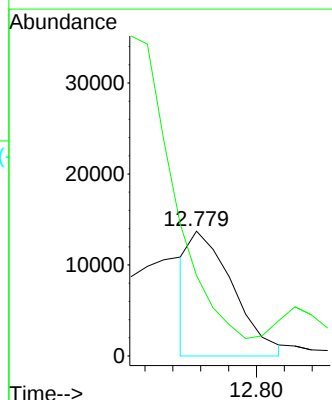
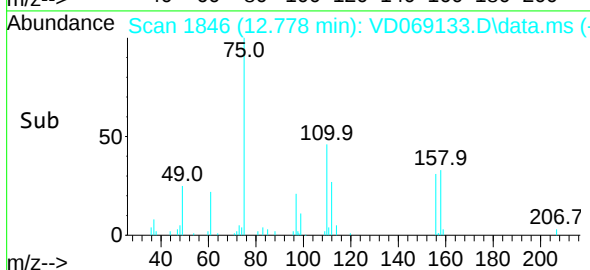
MMDadoda
5/13/2021 4:05:41 PM

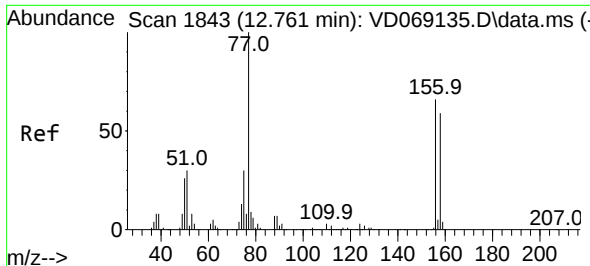


#76
1,2,3-Trichloropropane
Concen: 8.87 ug/l m
RT: 12.778 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



Tgt Ion: 75 Resp: 14815
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





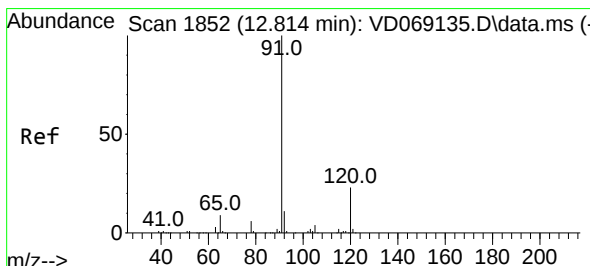
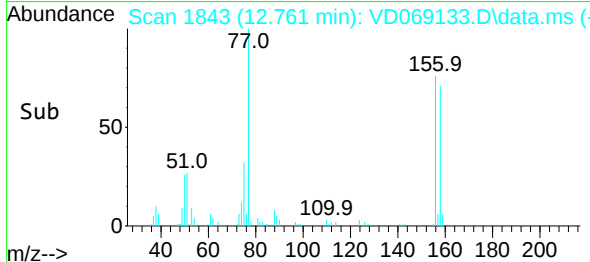
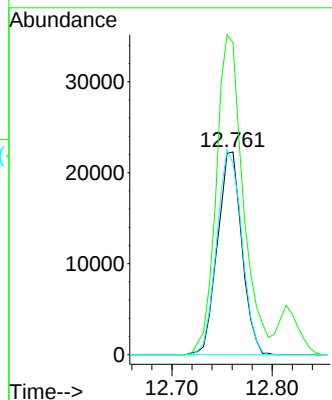
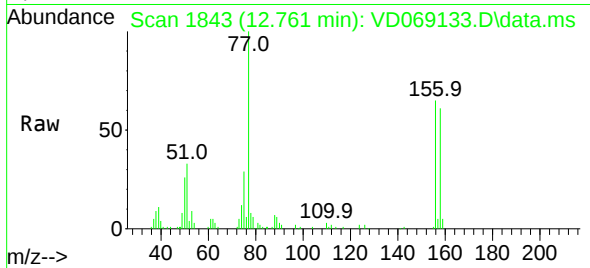
#77
Bromobenzene
Concen: 10.15 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion	Ratio	Lower	Upper
156	100		
77	174.0	85.8	257.3
158	103.8	47.8	143.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

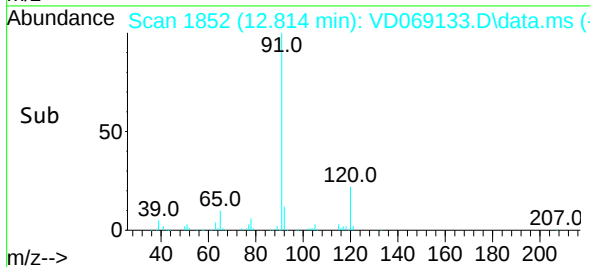
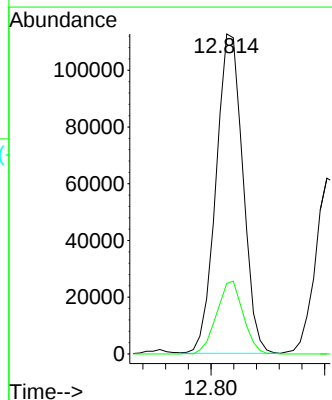
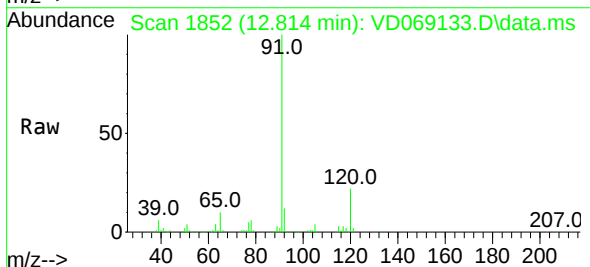
Manual Integrations
APPROVED

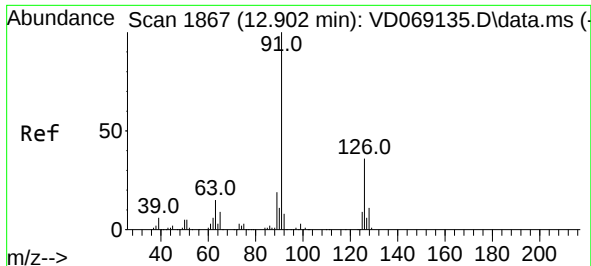
MMDadoda
5/13/2021 4:05:41 PM



#78
n-propylbenzene
Concen: 9.81 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.6	34.7





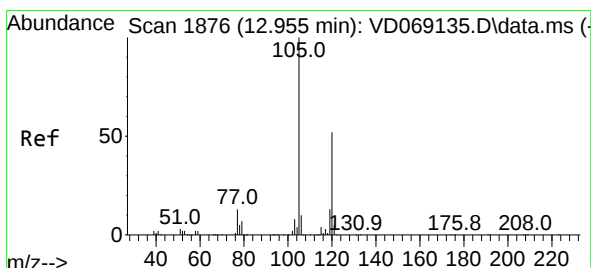
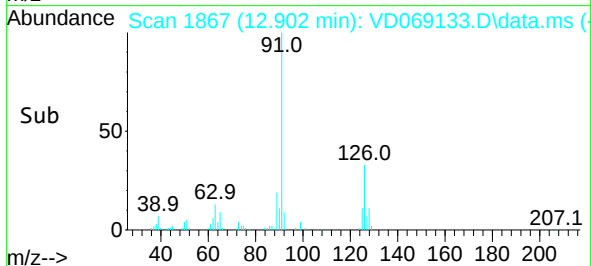
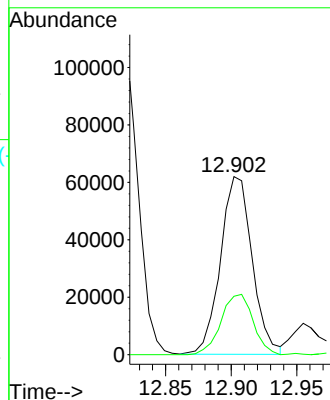
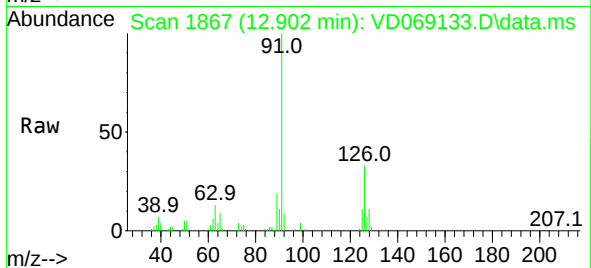
#79
2-Chlorotoluene
Concen: 9.96 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 91 Resp: 104245
Ion Ratio Lower Upper
91 100
126 34.3 18.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

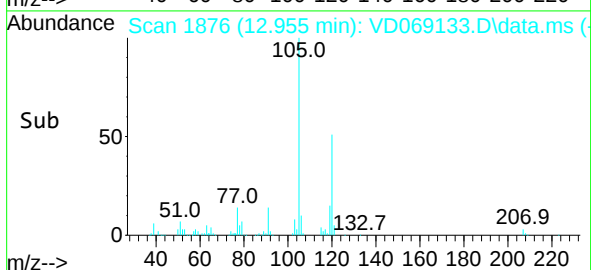
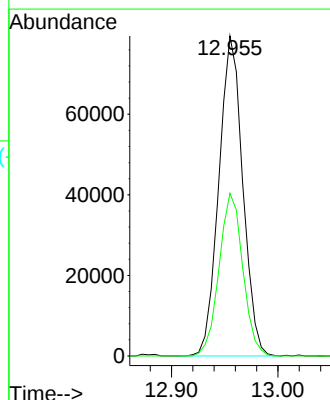
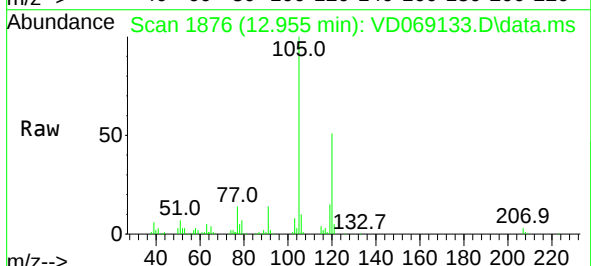
Manual Integrations
APPROVED

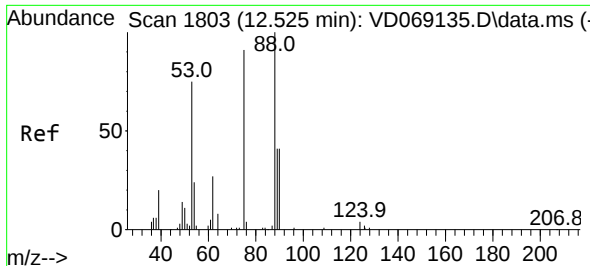
MMDadoda
5/13/2021 4:05:41 PM



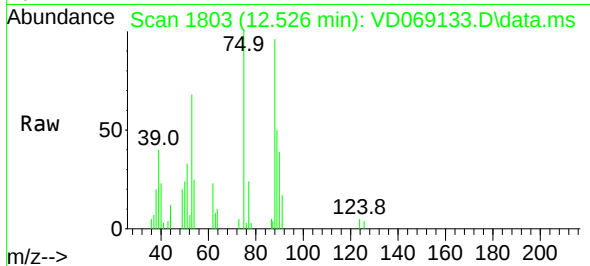
#80
1,3,5-Trimethylbenzene
Concen: 9.61 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion: 105 Resp: 123605
Ion Ratio Lower Upper
105 100
120 50.4 25.3 75.8



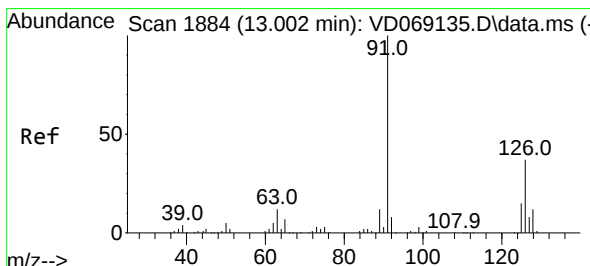
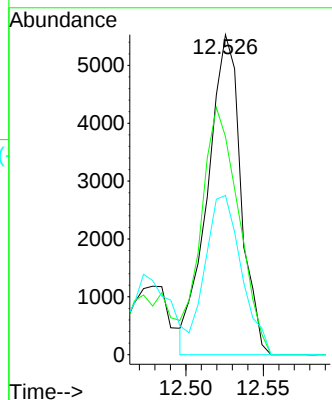
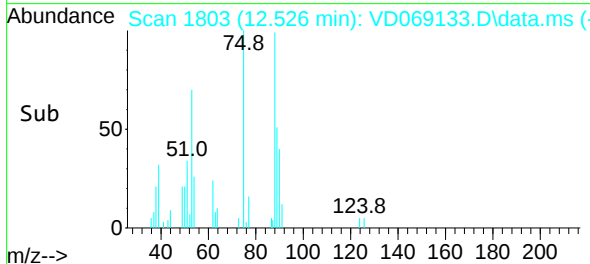


#81
trans-1,4-Dichloro-2-butene
Concen: 9.94 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

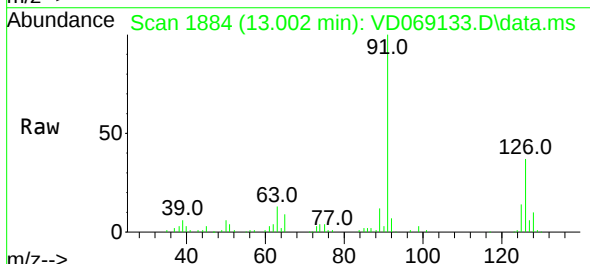


Tgt Ion: 75 Resp: 8252

Ion	Ratio	Lower	Upper
75	100		
53	86.6	70.0	105.0
89	53.6	40.2	60.2

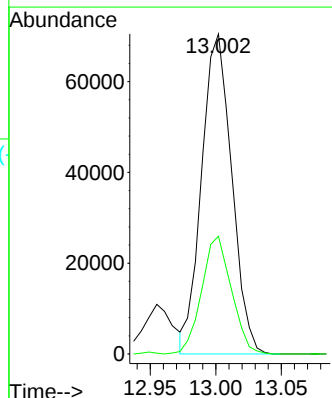
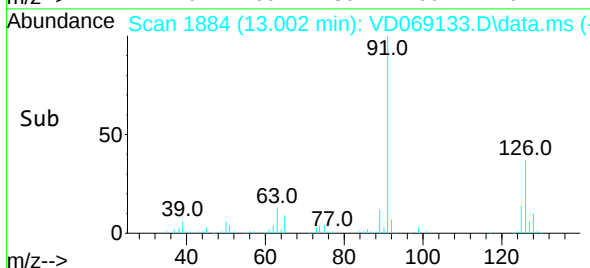


#82
4-Chlorotoluene
Concen: 10.12 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



Tgt Ion: 91 Resp: 112831

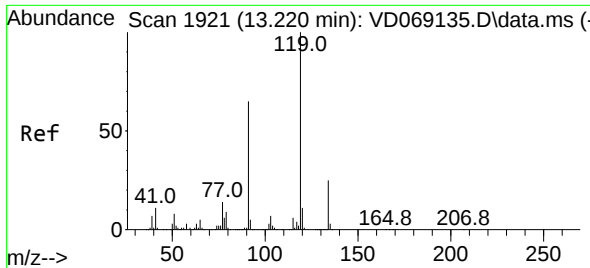
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.7	53.1



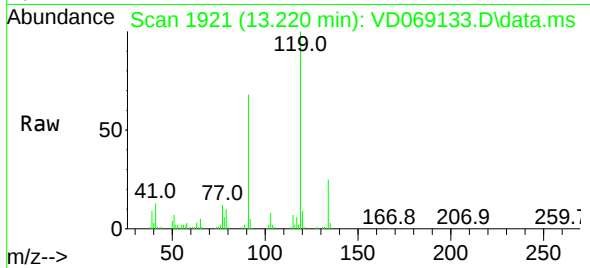
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

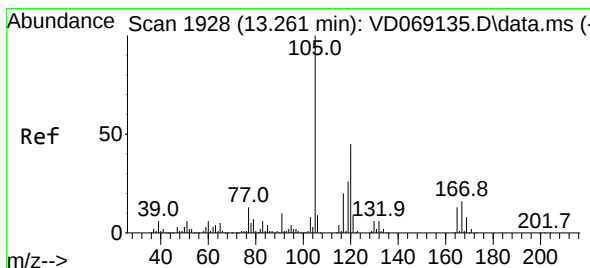
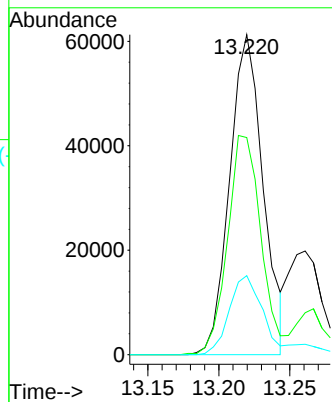
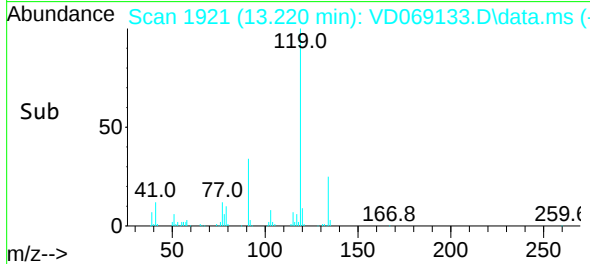
MMDadoda
5/13/2021 4:05:41 PM



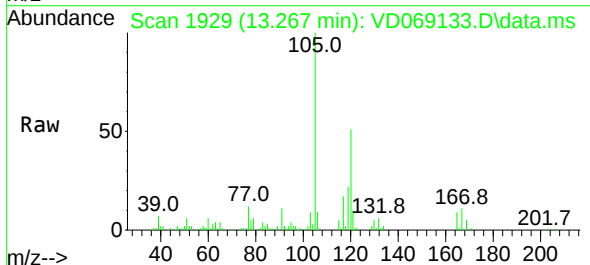
#83
tert-Butylbenzene
Concen: 9.38 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



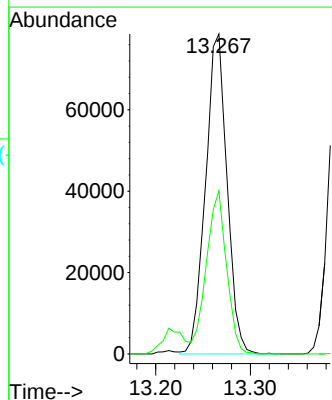
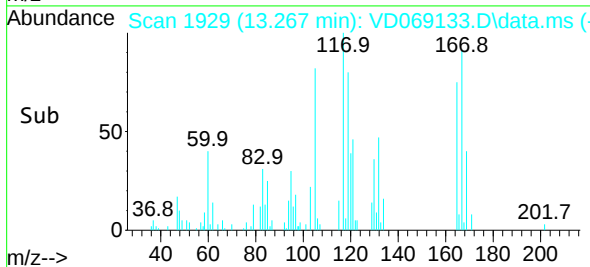
Tgt Ion:119 Resp: 100501
Ion Ratio Lower Upper
119 100
91 69.2 32.5 97.4
134 24.7 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 9.56 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



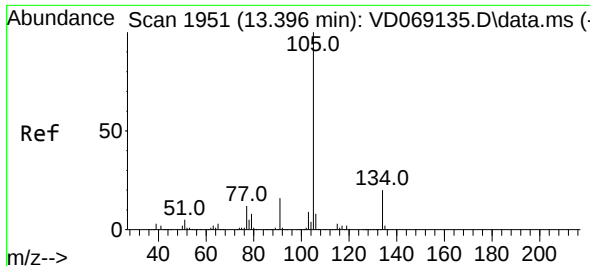
Tgt Ion:105 Resp: 123640
Ion Ratio Lower Upper
105 100
120 47.7 22.8 68.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

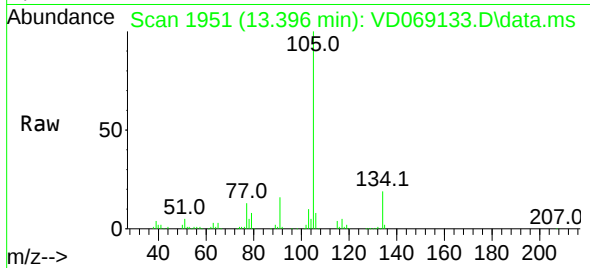
Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



#85
 sec-Butylbenzene
 Concen: 9.56 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069133.D
 Acq: 12 May 2021 12:05

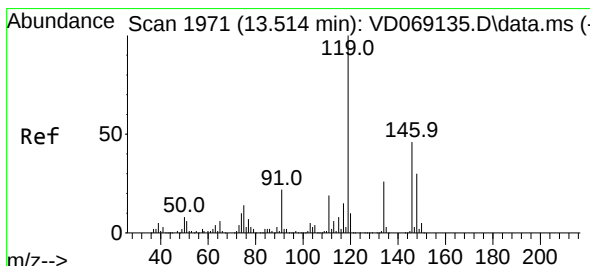
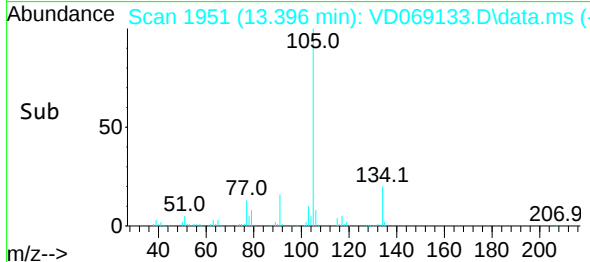
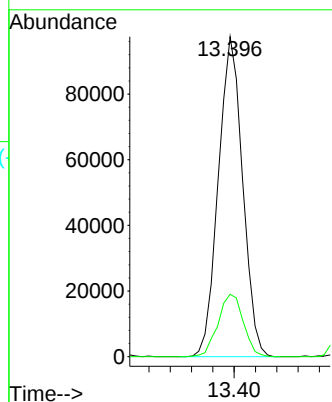
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



Tgt Ion:105 Resp: 154034
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8

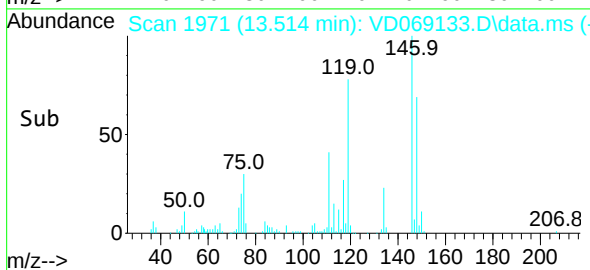
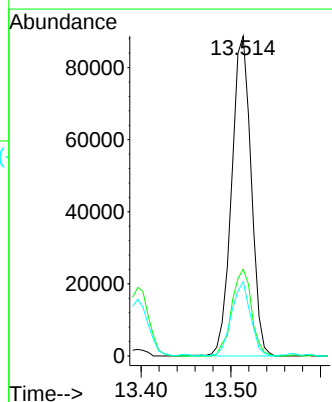
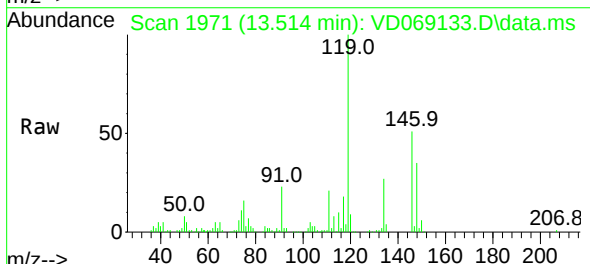
Manual Integrations
 APPROVED

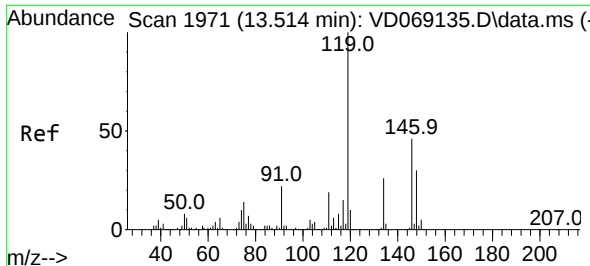
MMDadoda
 5/13/2021 4:05:41 PM



#86
 p-Isopropyltoluene
 Concen: 9.45 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD069133.D
 Acq: 12 May 2021 12:05

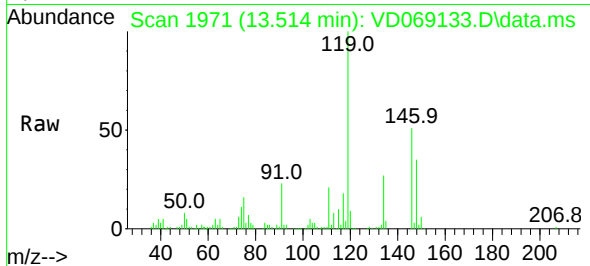
Tgt Ion:119 Resp: 133841
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.2 39.5
 91 22.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 10.02 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

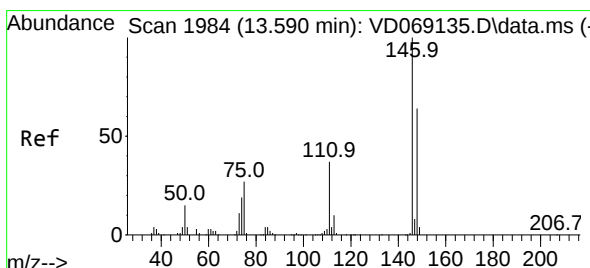
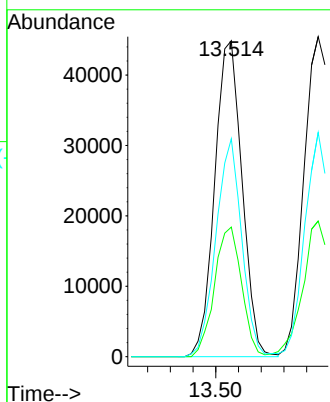
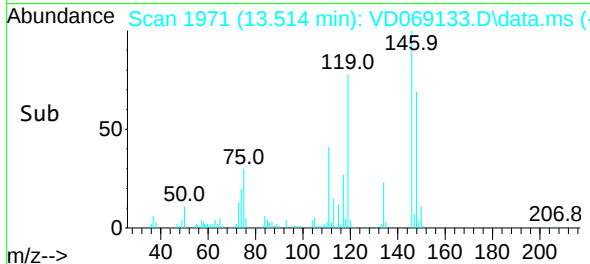
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



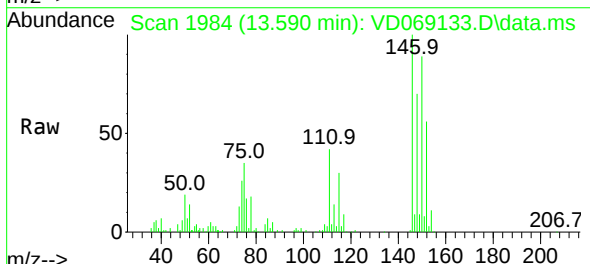
Tgt Ion:146 Resp: 75079
Ion Ratio Lower Upper
146 100
111 40.6 19.9 59.6
148 65.4 31.6 94.8

Manual Integrations
APPROVED

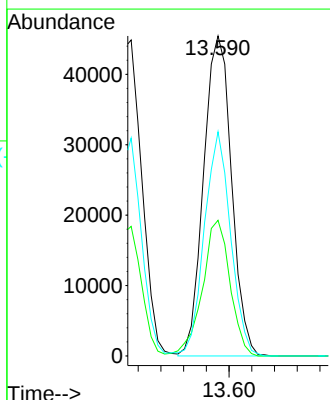
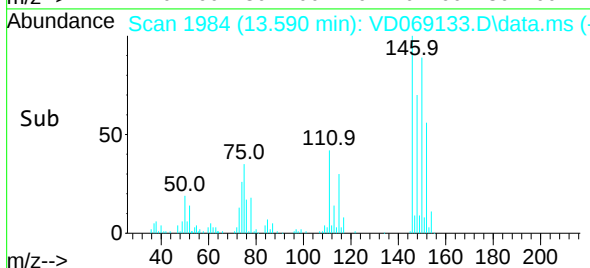
MMDadoda
5/13/2021 4:05:41 PM

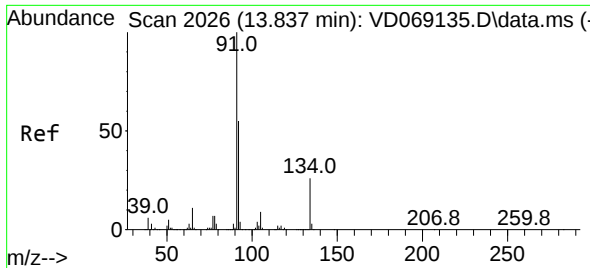


#88
1,4-Dichlorobenzene
Concen: 10.47 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



Tgt Ion:146 Resp: 77664
Ion Ratio Lower Upper
146 100
111 41.9 19.4 58.2
148 65.8 32.4 97.0





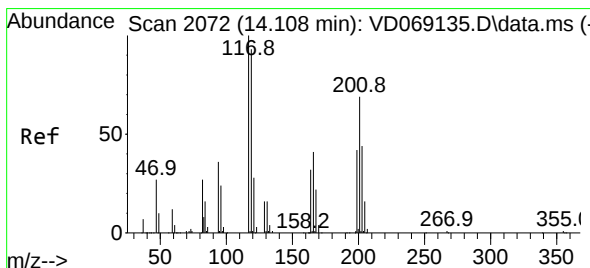
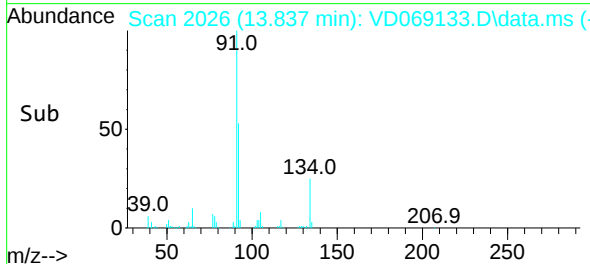
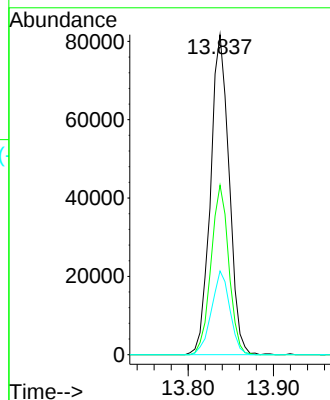
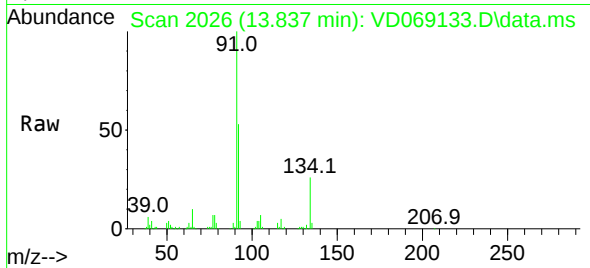
#89
n-Butylbenzene
Concen: 9.40 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.5	79.5
134	25.8	13.0	39.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

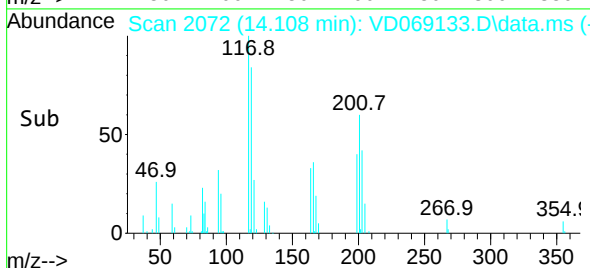
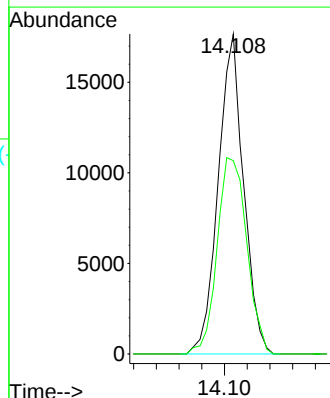
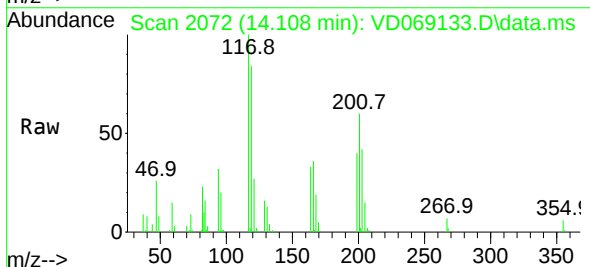
Manual Integrations
APPROVED

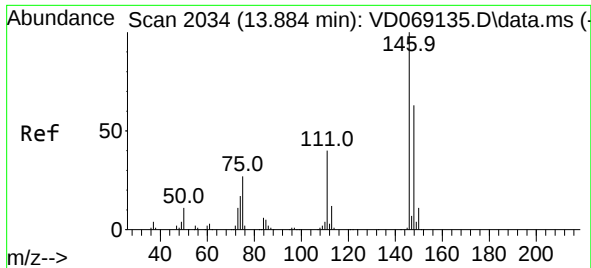
MMDadoda
5/13/2021 4:05:41 PM



#90
Hexachloroethane
Concen: 10.33 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.6	35.4	106.1





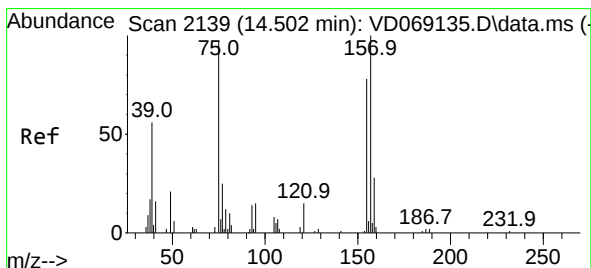
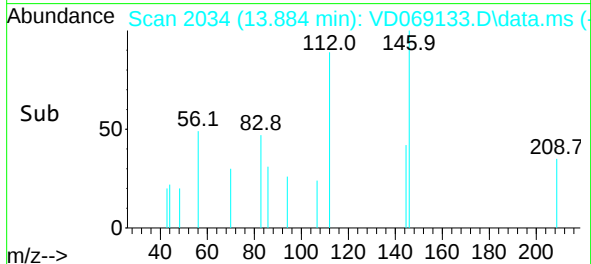
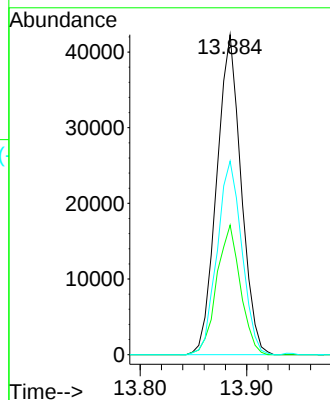
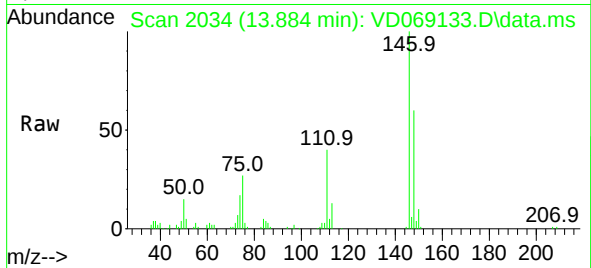
#91
1,2-Dichlorobenzene
Concen: 10.46 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion:146 Resp: 67292
Ion Ratio Lower Upper
146 100
111 39.4 20.3 61.0
148 61.1 31.3 93.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

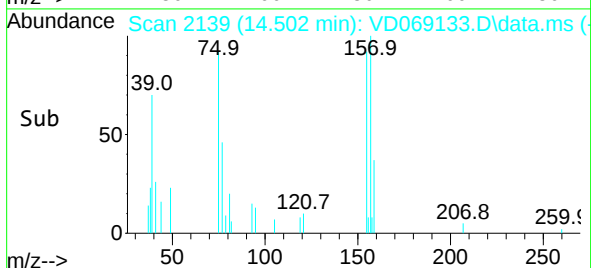
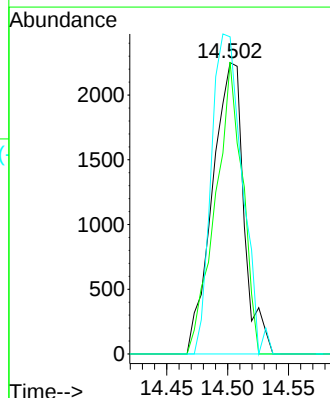
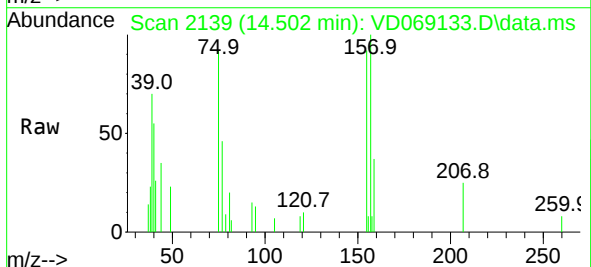
Manual Integrations
APPROVED

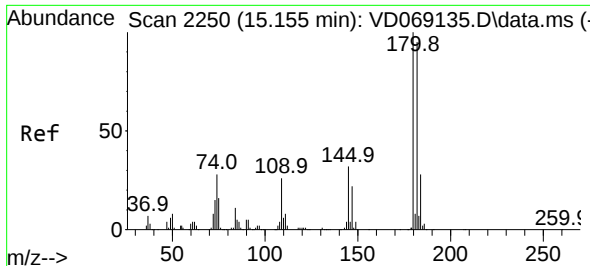
MMDadoda
5/13/2021 4:05:41 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.23 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

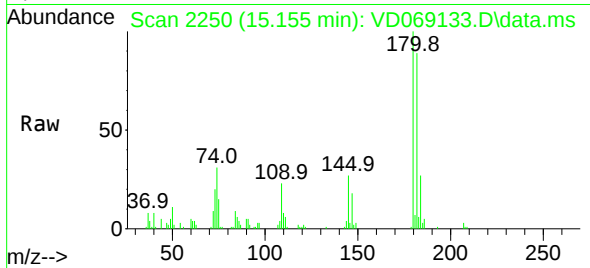
Tgt Ion: 75 Resp: 4051
Ion Ratio Lower Upper
75 100
155 85.8 43.9 131.7
157 107.3 54.9 164.7





#93
1,2,4-Trichlorobenzene
Concen: 10.90 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

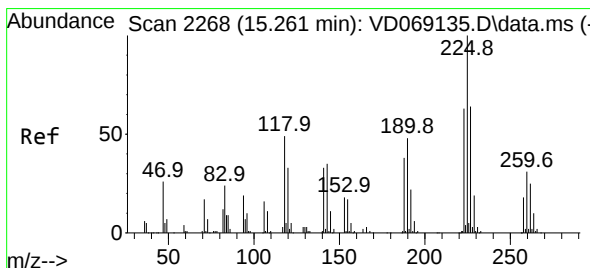
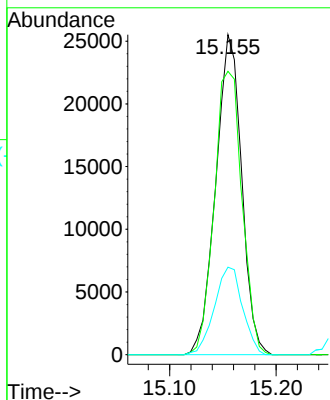
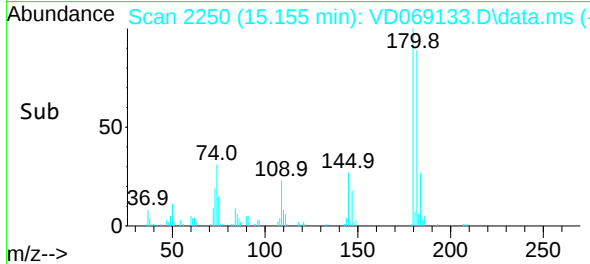
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



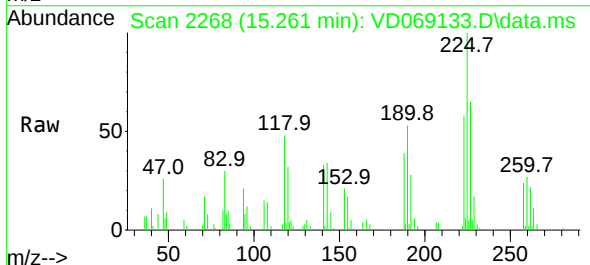
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	29.8	15.6	46.8

Manual Integrations
APPROVED

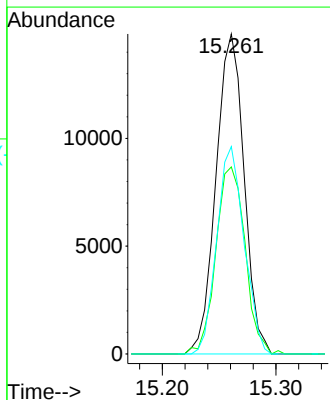
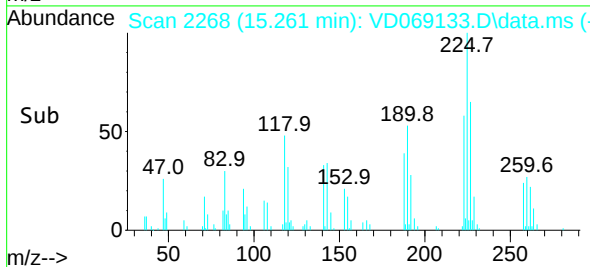
MMDadoda
5/13/2021 4:05:41 PM

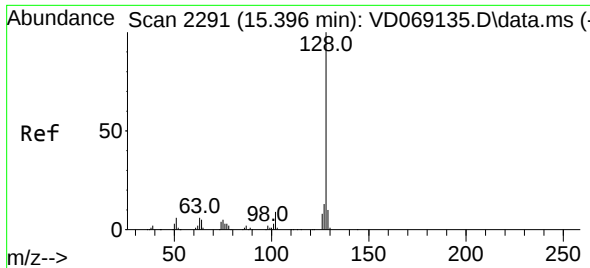


#94
Hexachlorobutadiene
Concen: 10.78 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05



Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.1	93.5
227	63.0	31.6	95.0





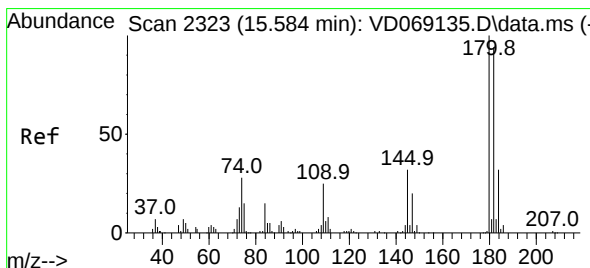
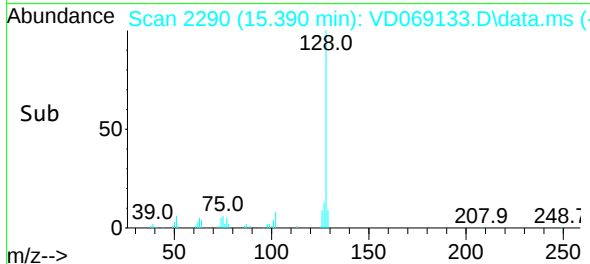
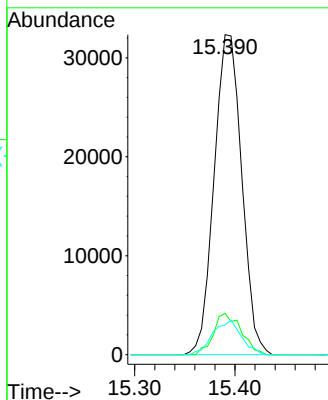
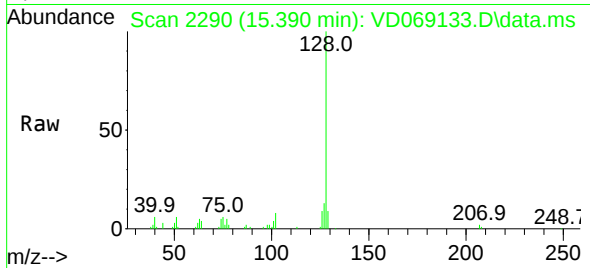
#95
Naphthalene
Concen: 9.34 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.9	13.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:05:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 10.22 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.006 min
Lab File: VD069133.D
Acq: 12 May 2021 12:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.4
145	31.7	16.1	48.3

