

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069145.D
 Acq On : 12 May 2021 19:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:06:15 PM

Quant Time: May 13 04:19:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	291042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	489820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	470025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	230746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	152985	52.43	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.86%			
35) Dibromofluoromethane	7.914	113	164244	51.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.06%			
50) Toluene-d8	10.338	98	590142	50.39	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.78%			
62) 4-Bromofluorobenzene	12.626	95	193750	51.41	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.82%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	135183	43.69	ug/l	99
3) Chloromethane	2.209	50	172755	48.58	ug/l	97
4) Vinyl Chloride	2.350	62	214599	45.78	ug/l	100
5) Bromomethane	2.767	94	152744	43.32	ug/l	97
6) Chloroethane	2.920	64	142381	47.22	ug/l	95
7) Trichlorofluoromethane	3.273	101	250703	43.84	ug/l	98
8) Diethyl Ether	3.709	74	71639	54.87	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	142646	44.01	ug/l	98
10) Methyl Iodide	4.303	142	159937	47.47	ug/l	98
11) Tert butyl alcohol	5.220	59	46648	318.14	ug/l	100
12) 1,1-Dichloroethene	4.067	96	139274	47.83	ug/l	93
13) Acrolein	3.926	56	63887	269.12	ug/l	99
14) Allyl chloride	4.714	41	162036	50.73	ug/l	98
15) Acrylonitrile	5.420	53	132237	271.39	ug/l	99
16) Acetone	4.156	43	102284	228.89	ug/l	92
17) Carbon Disulfide	4.409	76	452785	46.91	ug/l	97
18) Methyl Acetate	4.714	43	55814	51.41	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	290338	54.95	ug/l	97
20) Methylene Chloride	4.967	84	221874	63.47	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	171051	49.55	ug/l	97
22) Diisopropyl ether	6.367	45	344607	54.01	ug/l	97
23) Vinyl Acetate	6.308	43	1064834	282.83	ug/l	100
24) 1,1-Dichloroethane	6.261	63	280337	50.87	ug/l	98
25) 2-Butanone	7.214	43	161812	267.22	ug/l	95
26) 2,2-Dichloropropane	7.208	77	244927	47.52	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	195196	52.07	ug/l	95
28) Bromochloromethane	7.544	49	101436	51.63	ug/l	99
29) Tetrahydrofuran	7.561	42	92917	282.28	ug/l	98
30) Chloroform	7.708	83	311986	50.28	ug/l	98
31) Cyclohexane	7.985	56	195678	45.25	ug/l	91
32) 1,1,1-Trichloroethane	7.908	97	273070	48.51	ug/l	99
36) 1,1-Dichloropropene	8.108	75	225438	47.34	ug/l	99
37) Ethyl Acetate	7.291	43	74547	48.72	ug/l #	95
38) Carbon Tetrachloride	8.097	117	242022	45.46	ug/l	99
39) Methylcyclohexane	9.355	83	229513	45.69	ug/l	96
40) Benzene	8.350	78	671420	49.22	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069145.D
 Acq On : 12 May 2021 19:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:06:15 PM

Quant Time: May 13 04:19:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	41691	51.19	ug/l #	71
42) 1,2-Dichloroethane	8.426	62	185541	49.81	ug/l	100
43) Isopropyl Acetate	8.455	43	146076	52.58	ug/l	98
44) Trichloroethene	9.114	130	184631	48.43	ug/l	92
45) 1,2-Dichloropropane	9.391	63	158294	49.16	ug/l	98
46) Dibromomethane	9.473	93	96324	50.05	ug/l	100
47) Bromodichloromethane	9.661	83	241144	49.24	ug/l	99
48) Methyl methacrylate	9.455	41	66032	51.39	ug/l	93
49) 1,4-Dioxane	9.461	88	20461	1090.76	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	377716	264.23	ug/l	97
52) Toluene	10.402	92	440834	50.07	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	214199	49.77	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	253816	49.34	ug/l	95
55) 1,1,2-Trichloroethane	10.796	97	133148	51.33	ug/l	99
56) Ethyl methacrylate	10.661	69	143172	50.57	ug/l	98
57) 1,3-Dichloropropane	10.944	76	213434	50.91	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	362667	282.41	ug/l	100
59) 2-Hexanone	10.985	43	259355	271.89	ug/l	99
60) Dibromochloromethane	11.138	129	167788	50.36	ug/l	100
61) 1,2-Dibromoethane	11.243	107	126726	49.43	ug/l	98
64) Tetrachloroethene	10.873	164	150114	45.95	ug/l	96
65) Chlorobenzene	11.667	112	475013	48.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	177856	48.41	ug/l	99
67) Ethyl Benzene	11.743	91	832207	49.64	ug/l	96
68) m/p-Xylenes	11.849	106	655049	99.70	ug/l	99
69) o-Xylene	12.179	106	302847	51.83	ug/l	99
70) Styrene	12.190	104	529770	51.94	ug/l	99
71) Bromoform	12.355	173	96438	50.47	ug/l #	99
73) Isopropylbenzene	12.479	105	780266	48.38	ug/l	99
74) N-amyl acetate	12.285	43	136572	51.78	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	142697	48.83	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	89204m	51.43	ug/l	
77) Bromobenzene	12.755	156	195416	51.06	ug/l	98
78) n-propylbenzene	12.820	91	957216	49.19	ug/l	99
79) 2-Chlorotoluene	12.902	91	533386	49.27	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	664351	49.96	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	43629	50.81	ug/l	94
82) 4-Chlorotoluene	13.002	91	560358	48.58	ug/l	99
83) tert-Butylbenzene	13.220	119	551503	49.77	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	670441	50.12	ug/l	99
85) sec-Butylbenzene	13.396	105	802854	48.18	ug/l	99
86) p-Isopropyltoluene	13.508	119	716273	48.92	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	372974	48.15	ug/l	100
88) 1,4-Dichlorobenzene	13.590	146	364726	47.54	ug/l	99
89) n-Butylbenzene	13.837	91	640145	46.93	ug/l	100
90) Hexachloroethane	14.102	117	130020	47.39	ug/l	98
91) 1,2-Dichlorobenzene	13.885	146	321894	48.39	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	21263	46.87	ug/l	96
93) 1,2,4-Trichlorobenzene	15.155	180	190874	46.82	ug/l	99
94) Hexachlorobutadiene	15.261	225	107993	44.14	ug/l	96
95) Naphthalene	15.396	128	365271	48.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.584	180	168240	48.24	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
Data File : VD069145.D
Acq On : 12 May 2021 19:22
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:15 PM

Quant Time: May 13 04:19:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

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

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

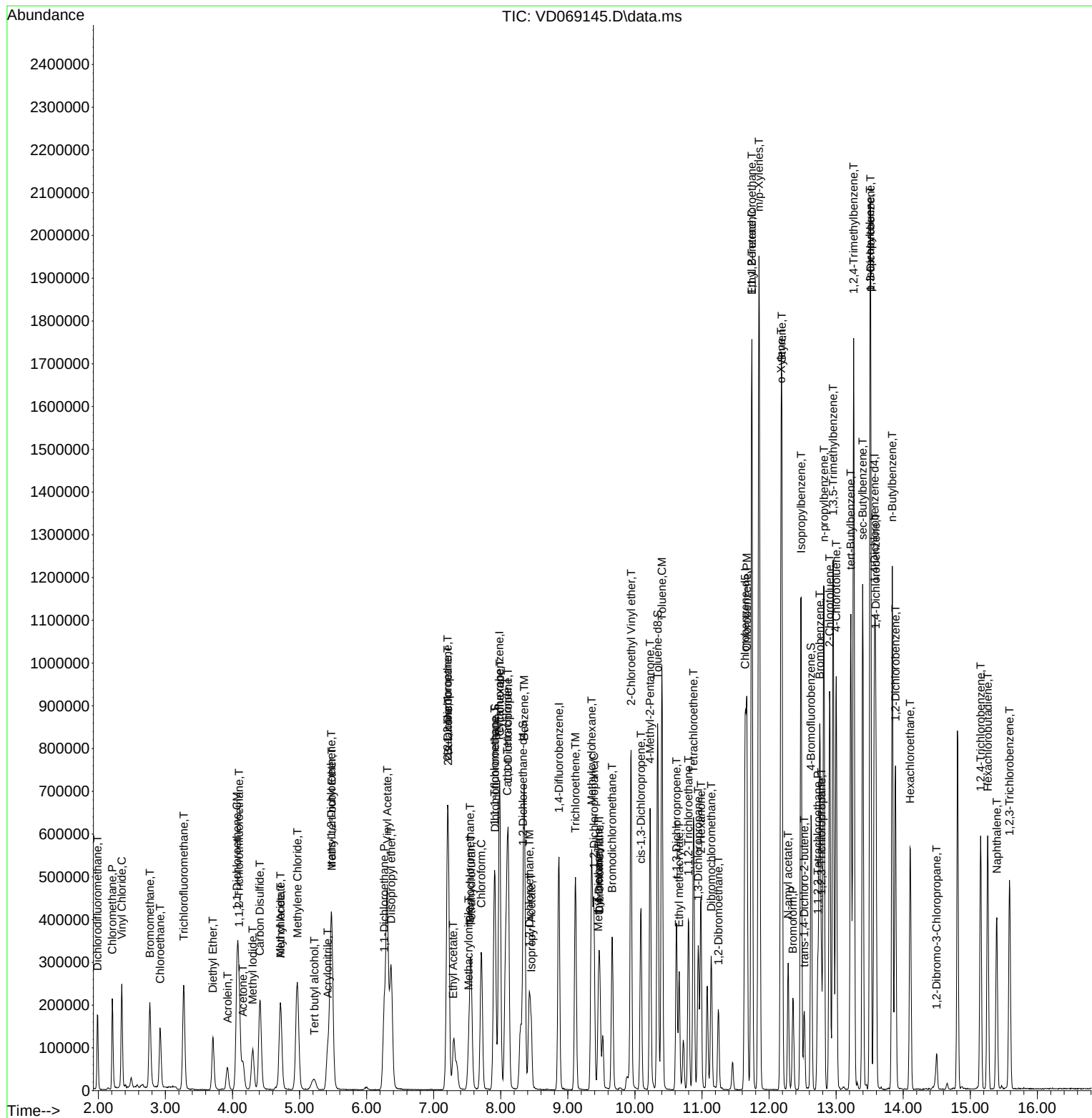
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
Data File : VD069145.D
Acq On : 12 May 2021 19:22
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

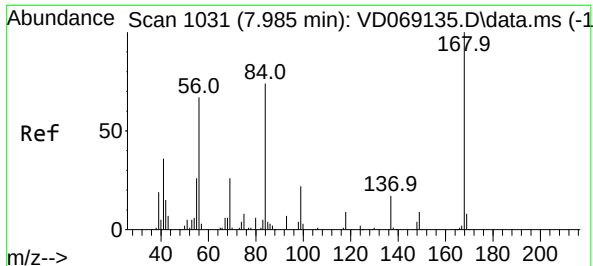
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

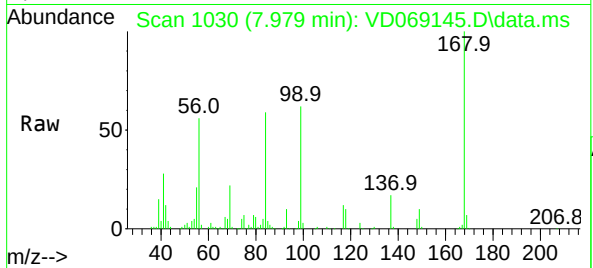
MMDadoda
5/13/2021 4:06:15 PM

Quant Time: May 13 04:19:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

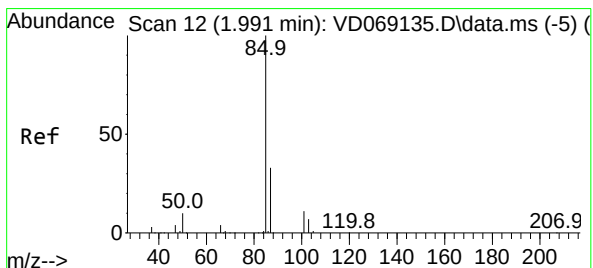
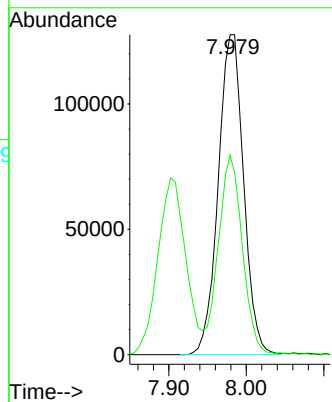
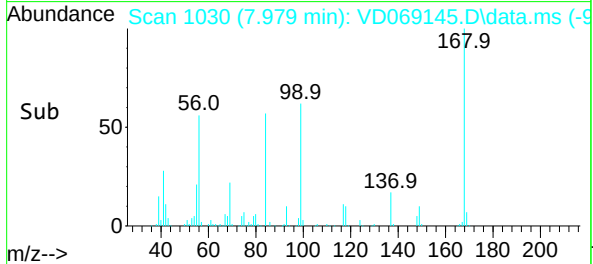




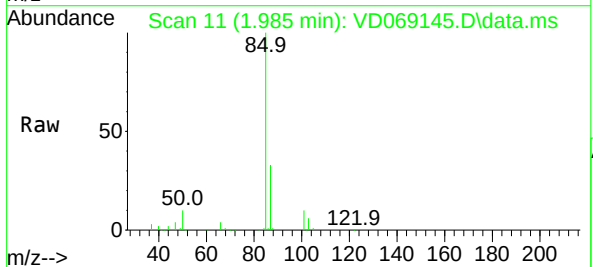
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



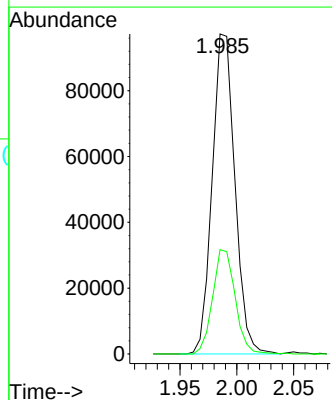
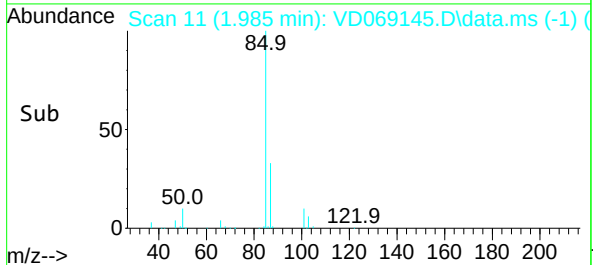
Tgt Ion: 168 Resp: 291042
Ion Ratio Lower Upper
168 100
99 61.6 47.2 70.8



#2
Dichlorodifluoromethane
Concen: 43.69 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



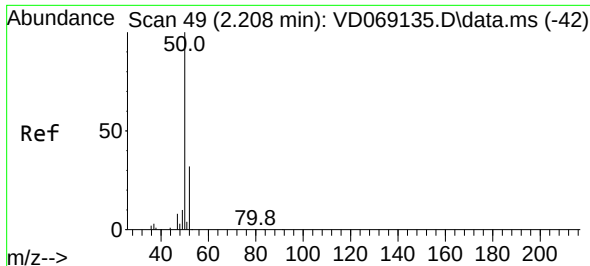
Tgt Ion: 85 Resp: 135183
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:15 PM



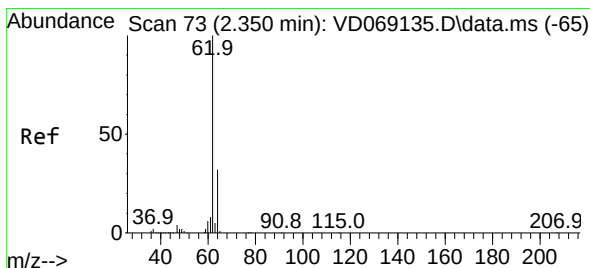
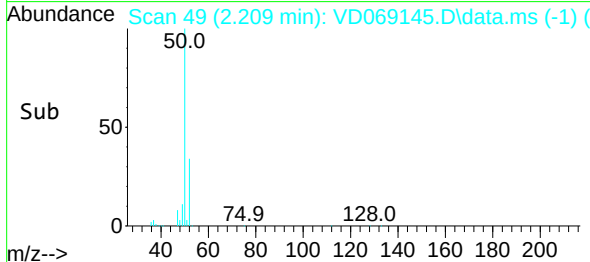
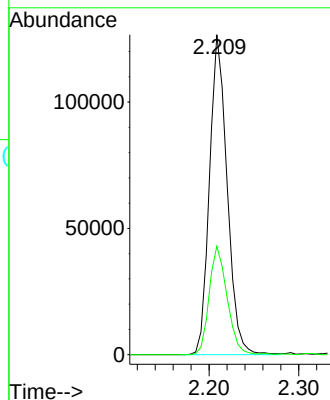
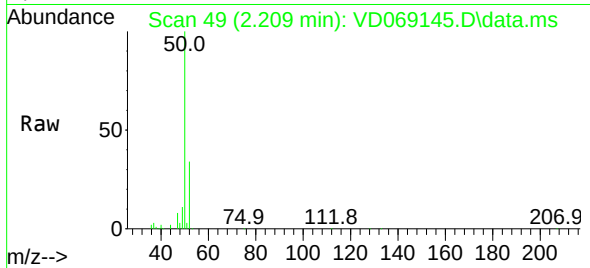
#3
Chloromethane
Concen: 48.58 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 50 Resp: 172755
Ion Ratio Lower Upper
50 100
52 33.9 25.8 38.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

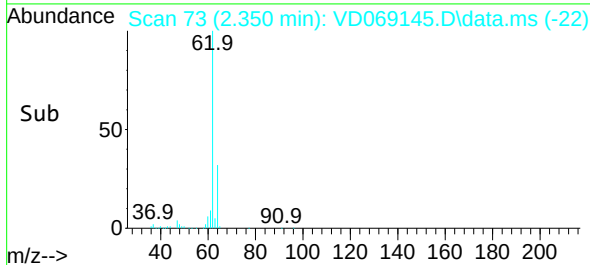
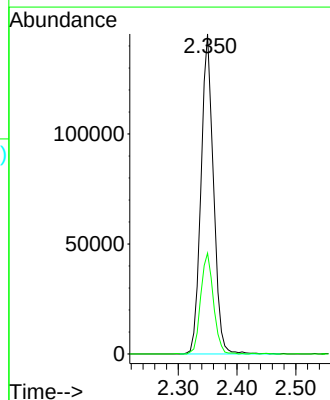
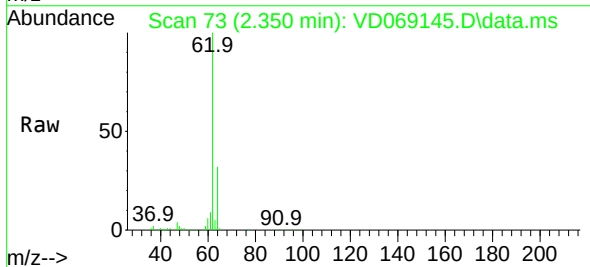
Manual Integrations
APPROVED

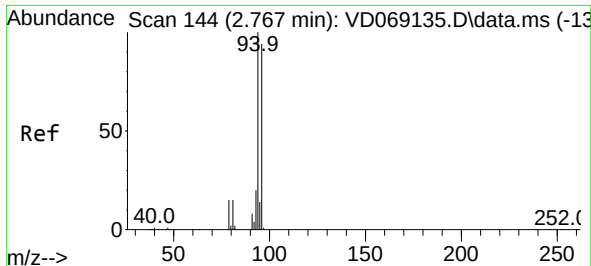
MMDadoda
5/13/2021 4:06:15 PM



#4
Vinyl Chloride
Concen: 45.78 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

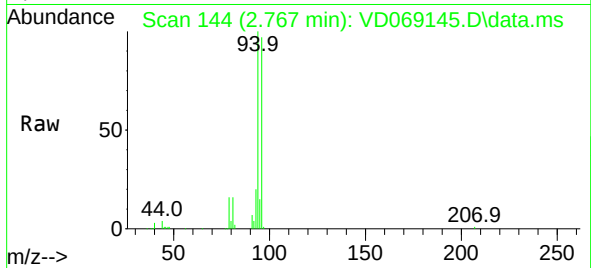
Tgt Ion: 62 Resp: 214599
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9





#5
Bromomethane
Concen: 43.32 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

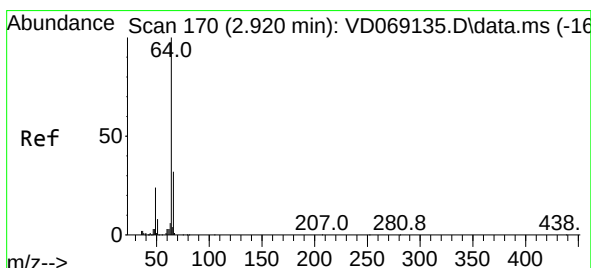
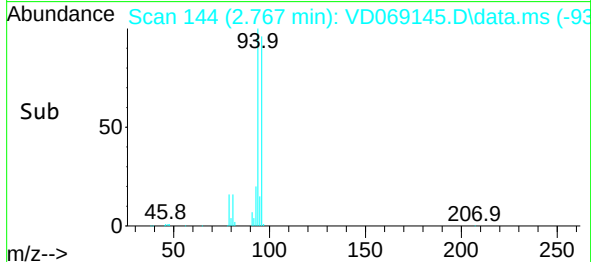
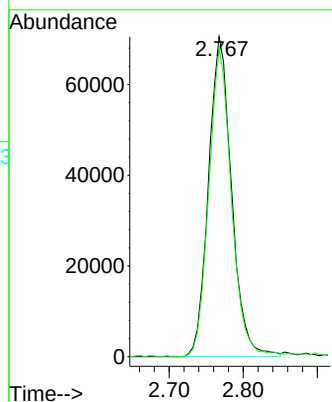
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



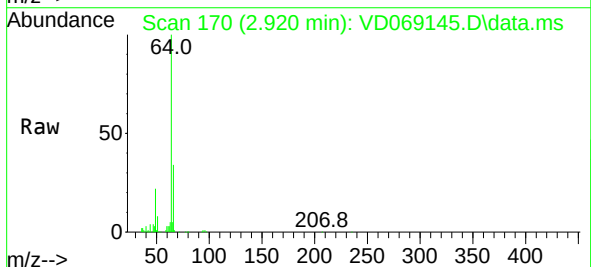
Tgt Ion: 94 Resp: 152744
Ion Ratio Lower Upper
94 100
96 96.7 75.4 113.0

Manual Integrations
APPROVED

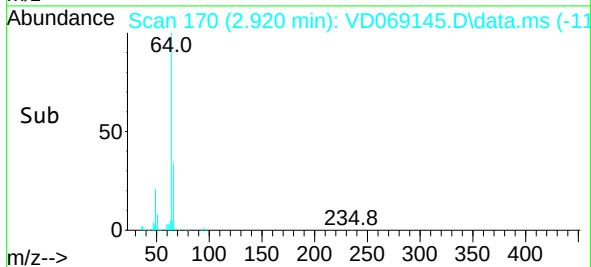
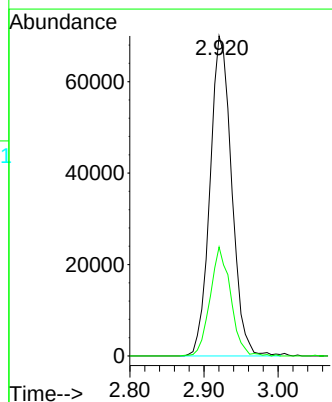
MMDadoda
5/13/2021 4:06:15 PM

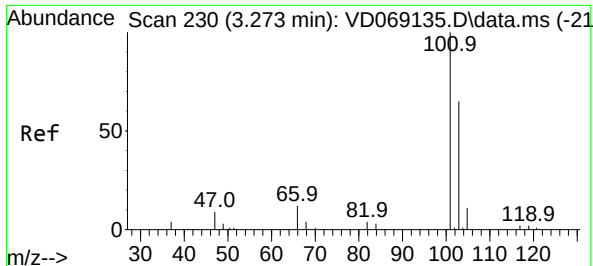


#6
Chloroethane
Concen: 47.22 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



Tgt Ion: 64 Resp: 142381
Ion Ratio Lower Upper
64 100
66 34.0 25.2 37.8





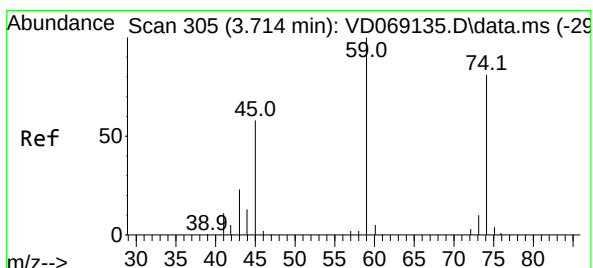
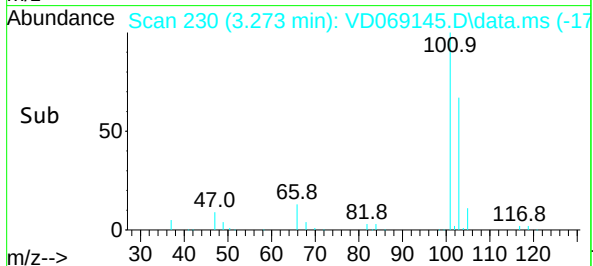
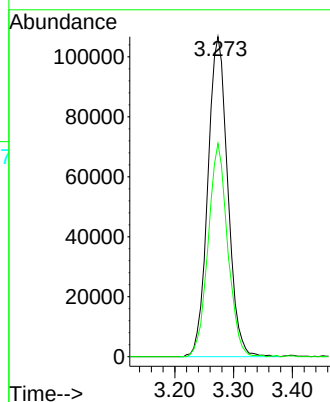
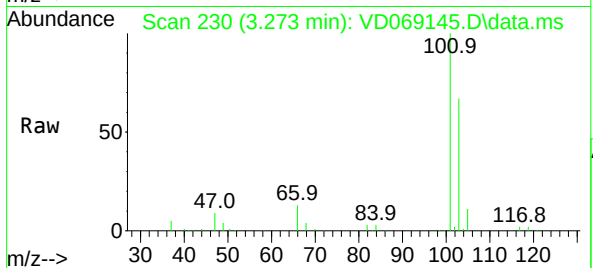
#7
Trichlorofluoromethane
Concen: 43.84 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion:101 Resp: 250703
Ion Ratio Lower Upper
101 100
103 66.6 51.9 77.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

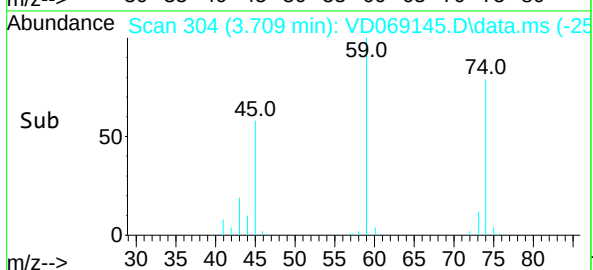
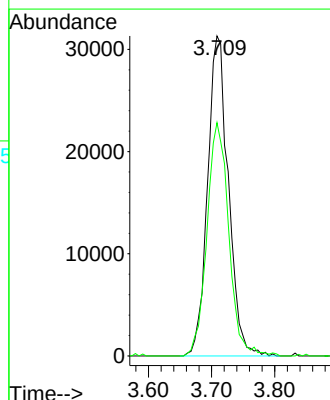
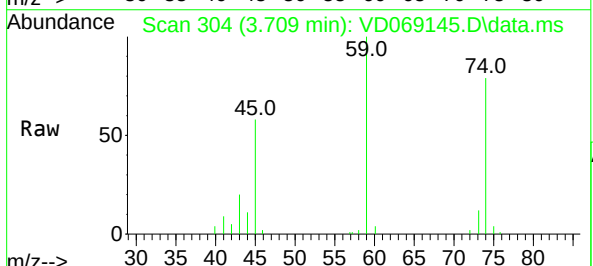
Manual Integrations
APPROVED

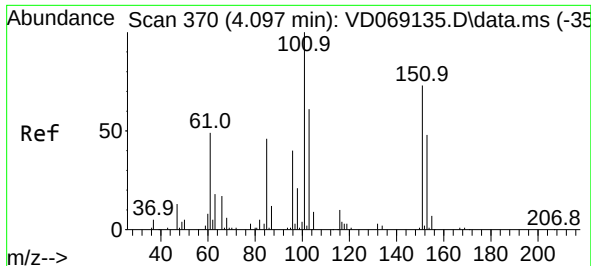
MMDadoda
5/13/2021 4:06:15 PM



#8
Diethyl Ether
Concen: 54.87 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 74 Resp: 71639
Ion Ratio Lower Upper
74 100
45 76.5 38.1 114.5





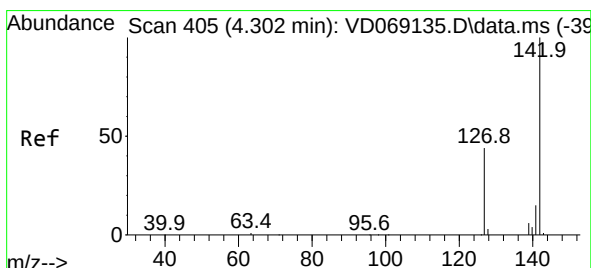
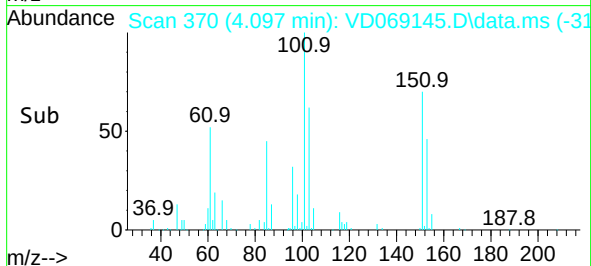
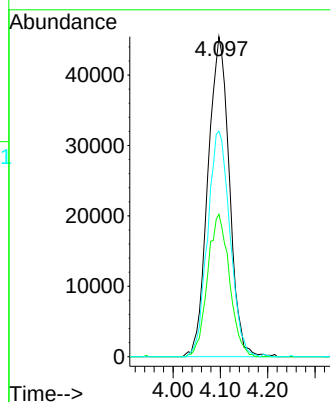
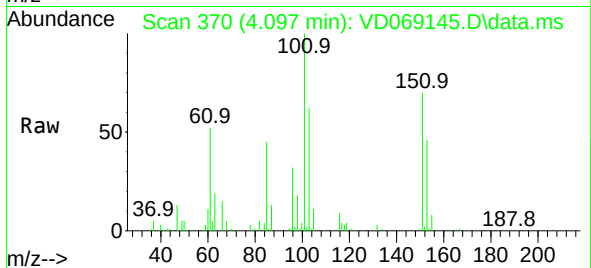
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.01 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion:101 Resp: 142646
Ion Ratio Lower Upper
101 100
85 45.6 35.2 52.8
151 73.6 60.6 91.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

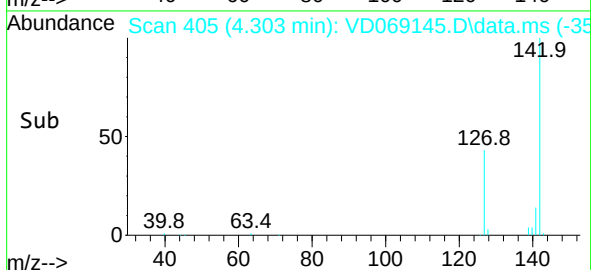
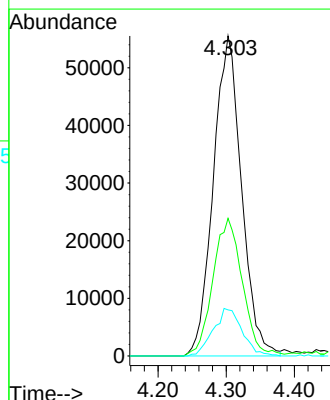
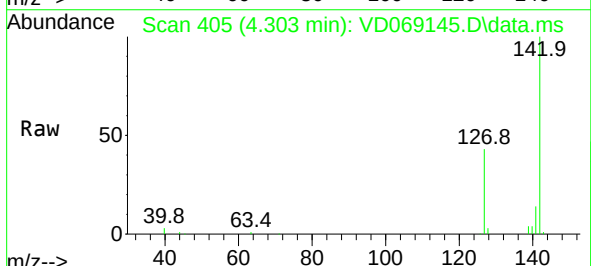
Manual Integrations
APPROVED

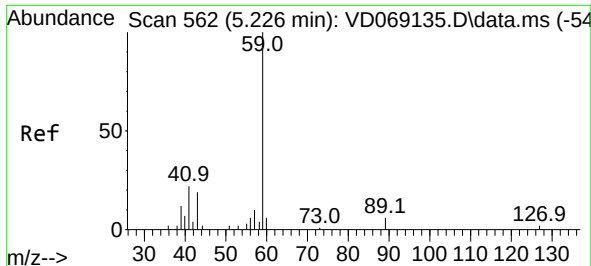
MMDadoda
5/13/2021 4:06:15 PM



#10
Methyl Iodide
Concen: 47.47 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion:142 Resp: 159937
Ion Ratio Lower Upper
142 100
127 44.8 37.3 55.9
141 15.2 12.2 18.4





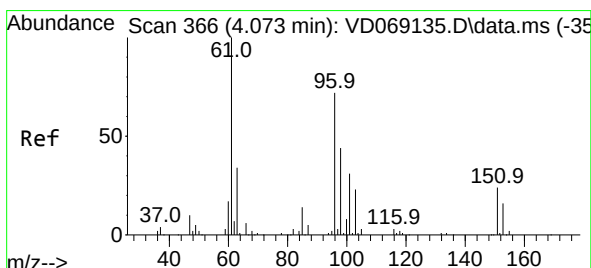
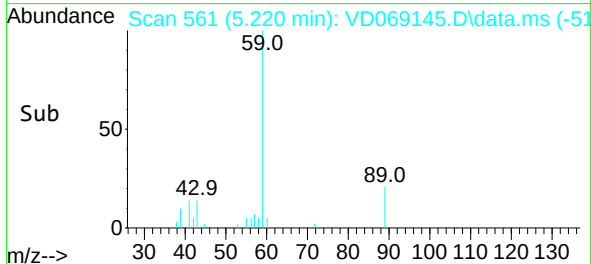
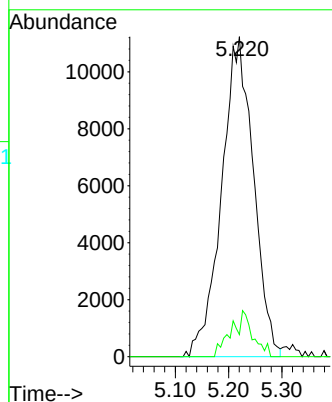
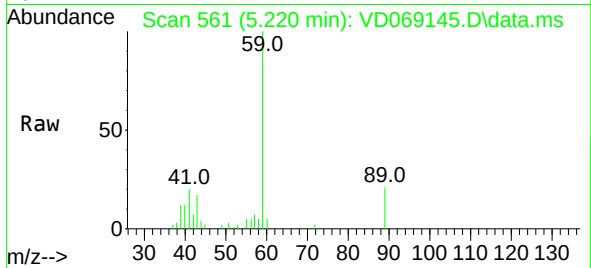
#11
Tert butyl alcohol
Concen: 318.14 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 59 Resp: 46648
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

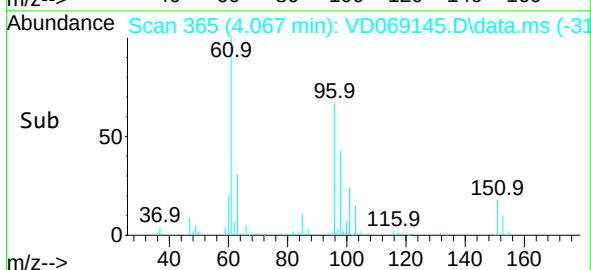
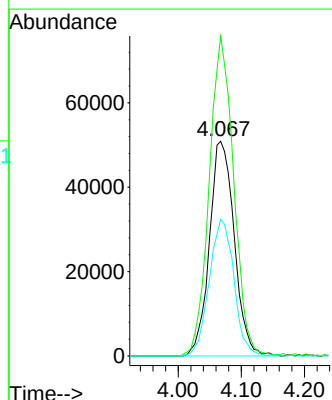
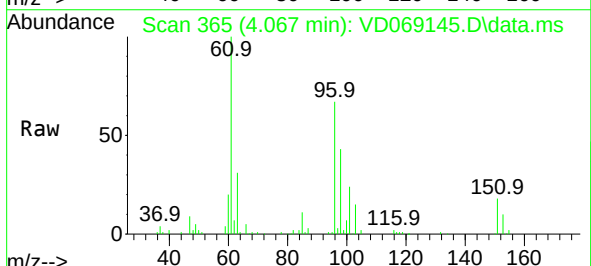
Manual Integrations
APPROVED

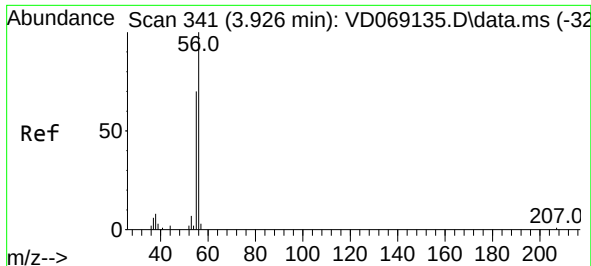
MMDadoda
5/13/2021 4:06:15 PM



#12
1,1-Dichloroethene
Concen: 47.83 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

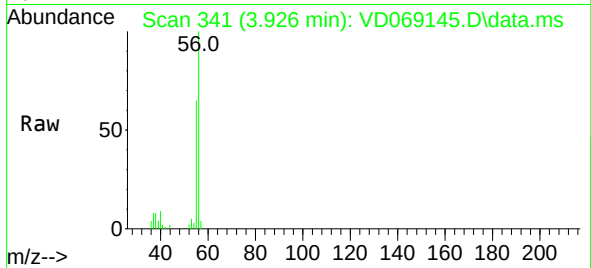
Tgt Ion: 96 Resp: 139274
Ion Ratio Lower Upper
96 100
61 149.0 111.1 166.7
98 63.7 48.4 72.6



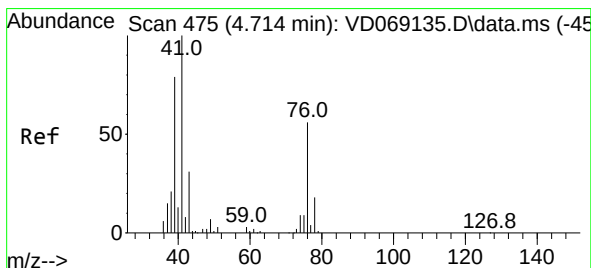
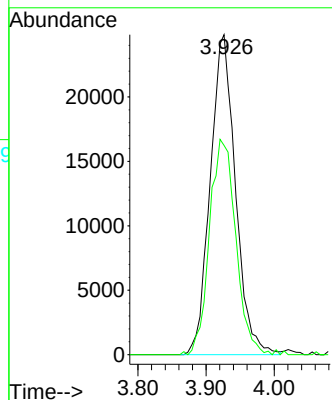
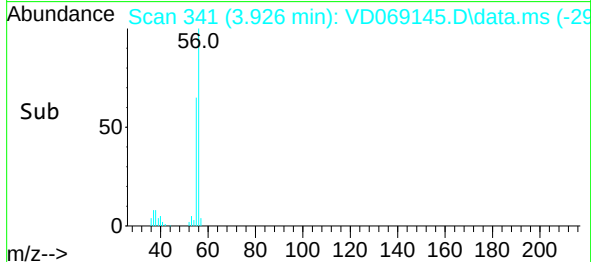


#13
Acrolein
Concen: 269.12 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

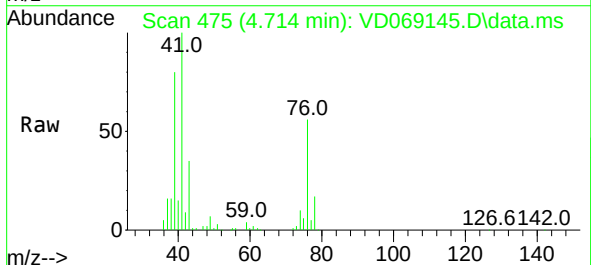
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



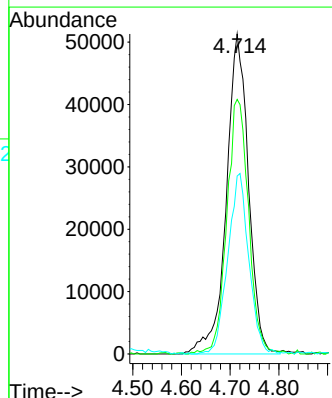
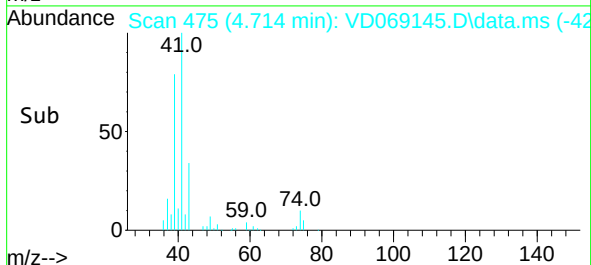
Tgt Ion: 56 Resp: 63887
Ion Ratio Lower Upper
56 100
55 70.2 56.9 85.3

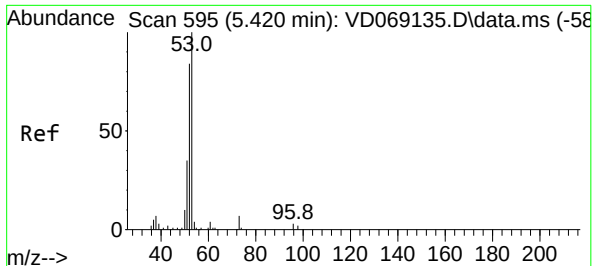


#14
Allyl chloride
Concen: 50.73 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



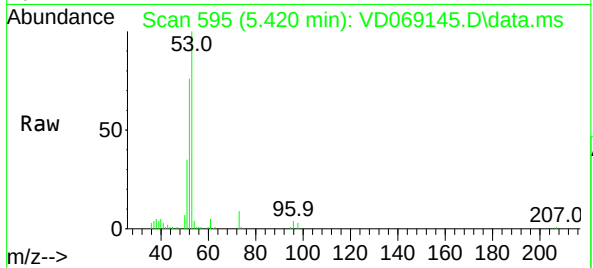
Tgt Ion: 41 Resp: 162036
Ion Ratio Lower Upper
41 100
39 78.3 64.3 96.5
76 53.6 43.6 65.4





#15
Acrylonitrile
Concen: 271.39 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

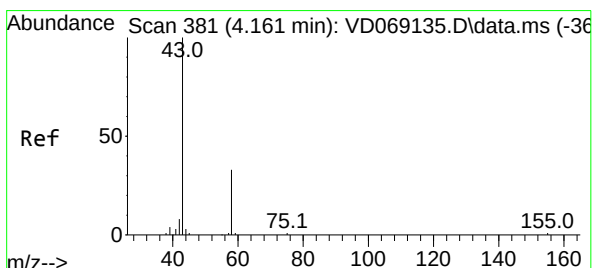
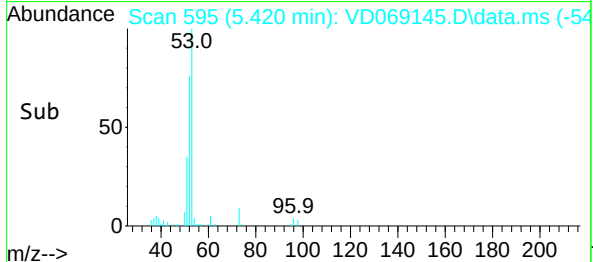
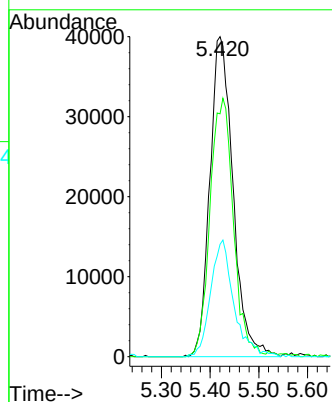
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	53	Resp:	132237
Ion	Ratio	Lower	Upper
53	100		
52	81.3	64.5	96.7
51	36.7	30.4	45.6

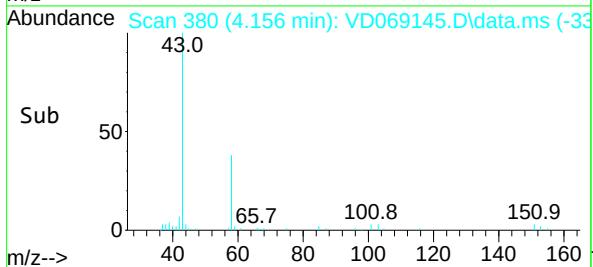
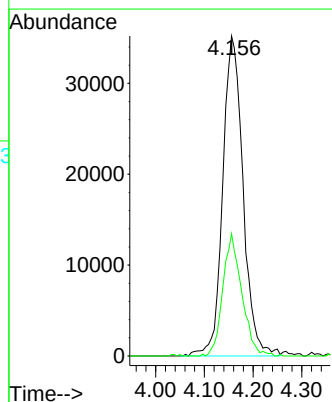
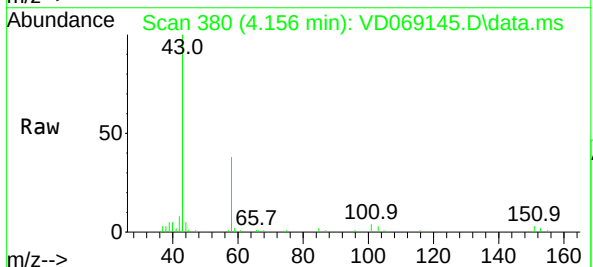
Manual Integrations
APPROVED

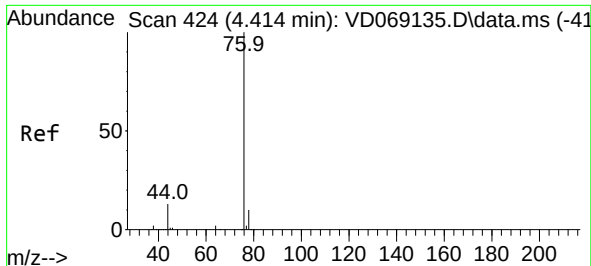
MMDadoda
5/13/2021 4:06:15 PM



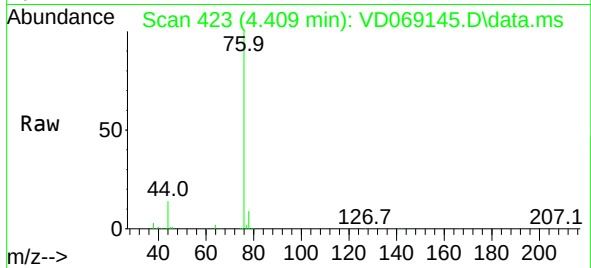
#16
Acetone
Concen: 228.89 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion:	43	Resp:	102284
Ion	Ratio	Lower	Upper
43	100		
58	37.8	26.7	40.1

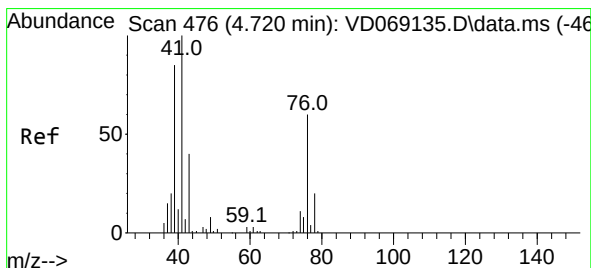
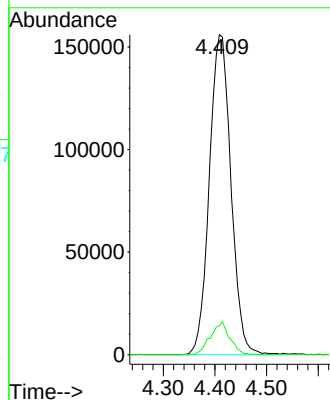
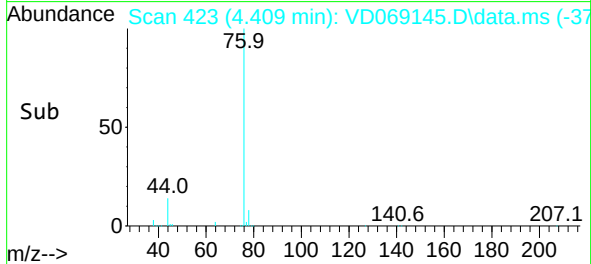




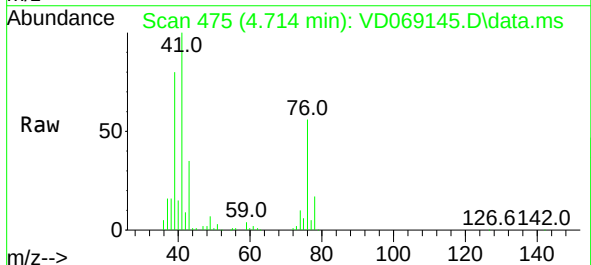
#17
Carbon Disulfide
Concen: 46.91 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



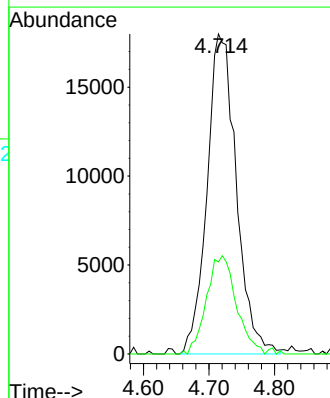
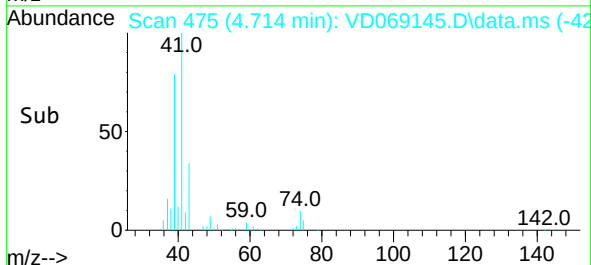
Tgt Ion: 76 Resp: 452785
Ion Ratio Lower Upper
76 100
78 9.0 8.1 12.1



#18
Methyl Acetate
Concen: 51.41 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



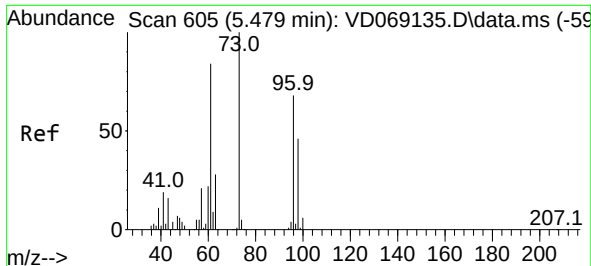
Tgt Ion: 43 Resp: 55814
Ion Ratio Lower Upper
43 100
74 31.2 23.8 35.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

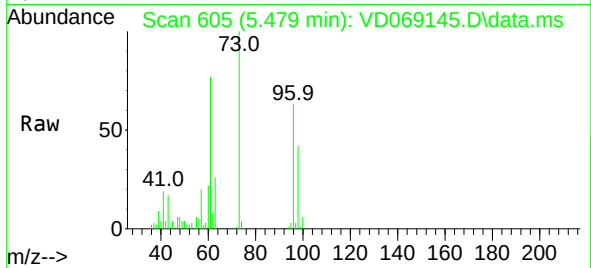
Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:15 PM

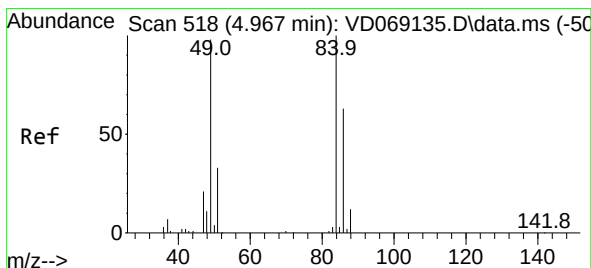
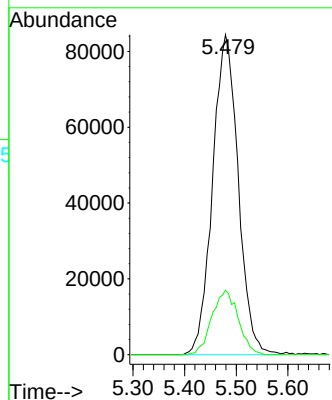
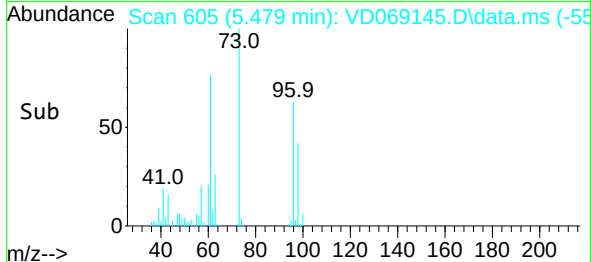


#19
Methyl tert-butyl Ether
Concen: 54.95 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

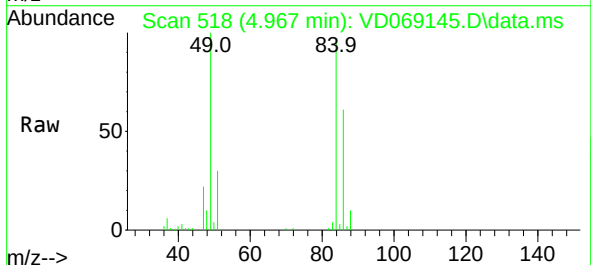
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



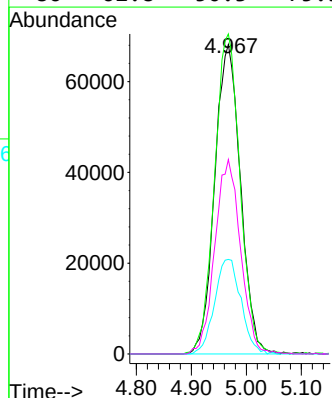
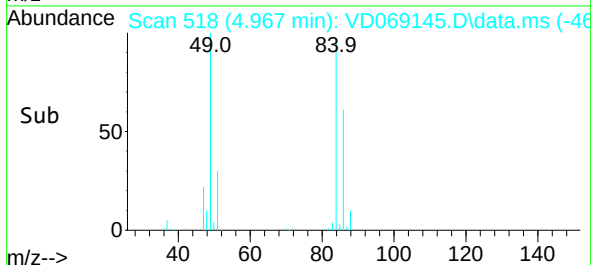
Tgt Ion: 73 Resp: 290338
Ion Ratio Lower Upper
73 100
57 20.1 17.1 25.7

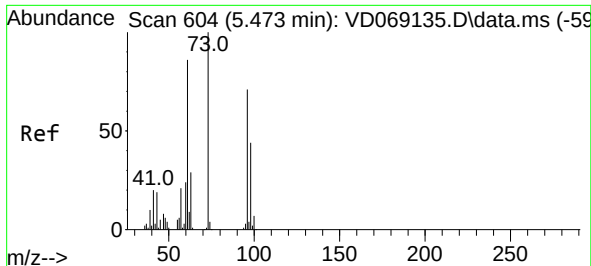


#20
Methylene Chloride
Concen: 63.47 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

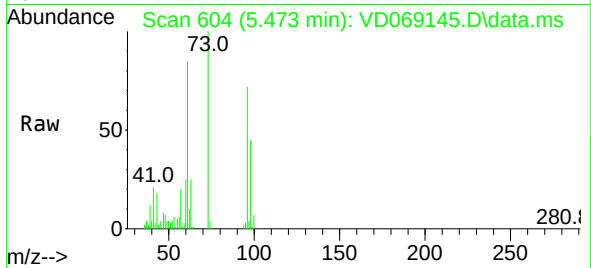


Tgt Ion: 84 Resp: 221874
Ion Ratio Lower Upper
84 100
49 103.4 78.6 117.8
51 30.6 26.7 40.1
86 62.8 50.3 75.5

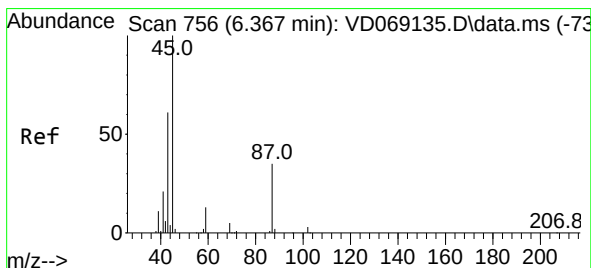
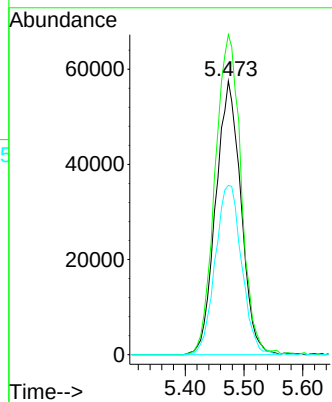
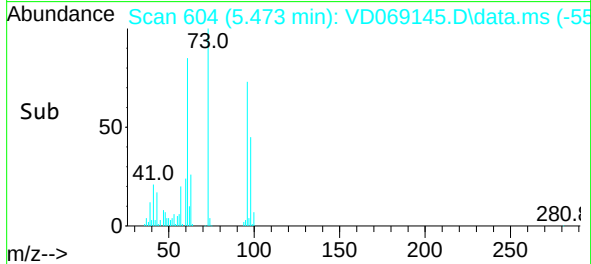




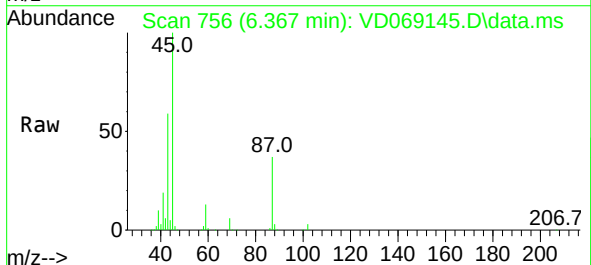
#21
trans-1,2-Dichloroethene
Concen: 49.55 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



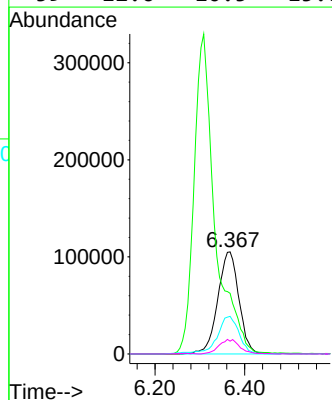
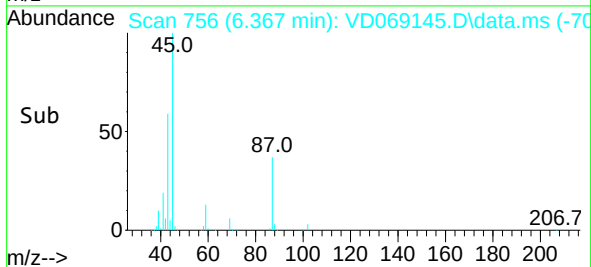
Tgt Ion: 96 Resp: 171051
Ion Ratio Lower Upper
96 100
61 116.9 97.7 146.5
98 61.8 49.4 74.2



#22
Diisopropyl ether
Concen: 54.01 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



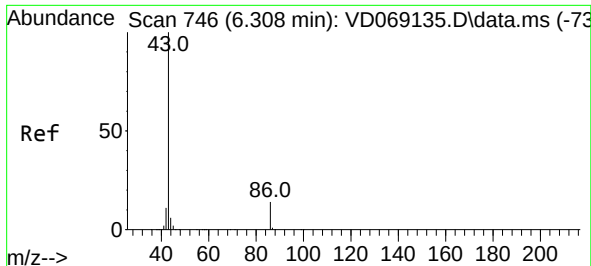
Tgt Ion: 45 Resp: 344607
Ion Ratio Lower Upper
45 100
43 58.3 48.6 73.0
87 36.7 28.5 42.7
59 12.6 10.5 15.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:15 PM



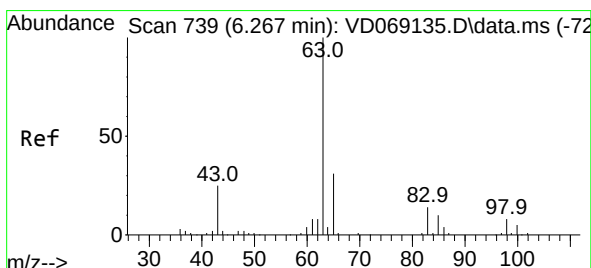
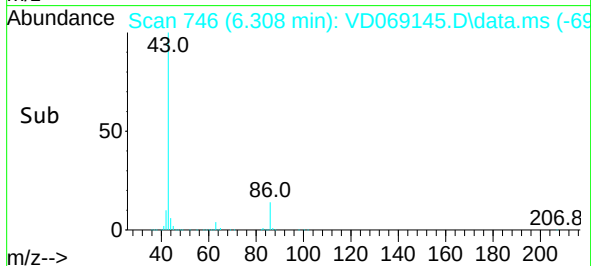
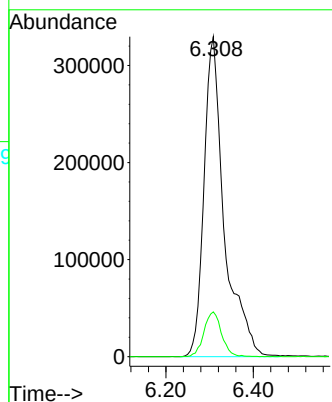
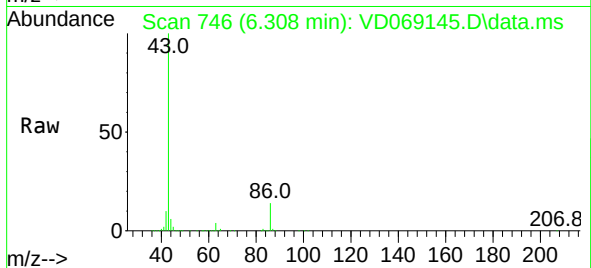
#23
 Vinyl Acetate
 Concen: 282.83 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD069145.D
 Acq: 12 May 2021 19:22

Tgt Ion: 43 Resp: 1064834
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.1 16.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

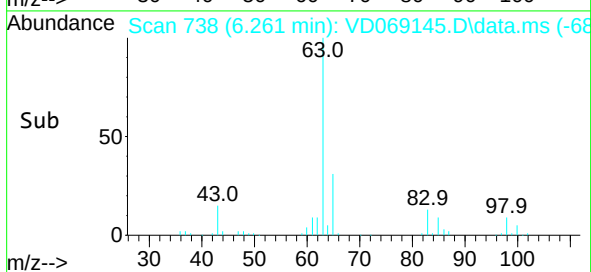
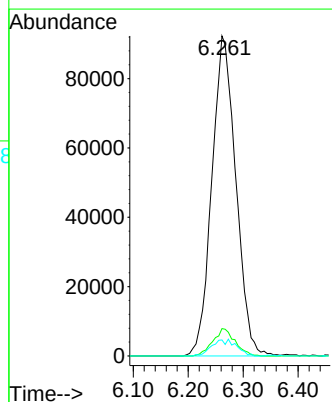
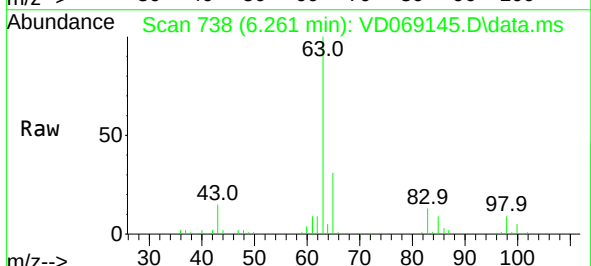
Manual Integrations
 APPROVED

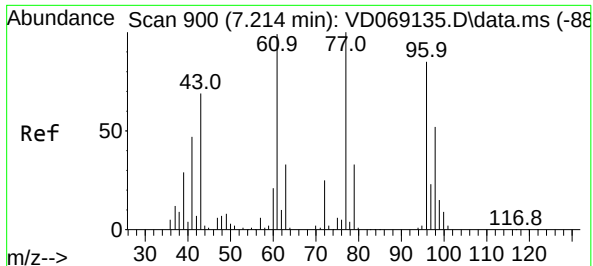
MMDadoda
 5/13/2021 4:06:15 PM



#24
 1,1-Dichloroethane
 Concen: 50.87 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD069145.D
 Acq: 12 May 2021 19:22

Tgt Ion: 63 Resp: 280337
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.5
 100 5.0 2.5 7.6





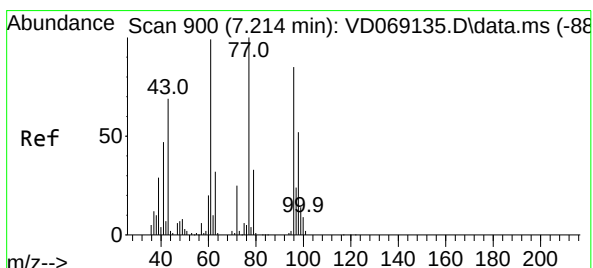
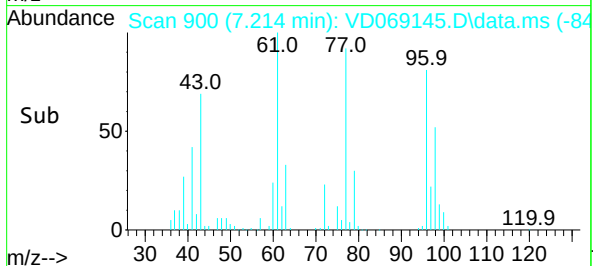
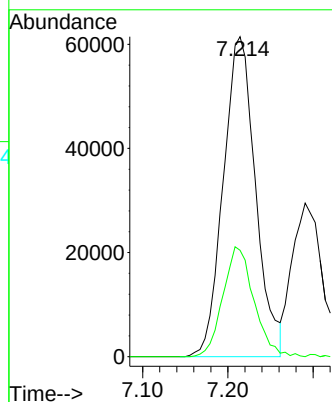
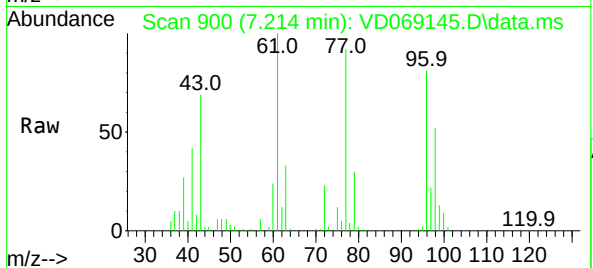
#25
2-Butanone
Concen: 267.22 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 43 Resp: 161812
Ion Ratio Lower Upper
43 100
72 33.2 29.1 43.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

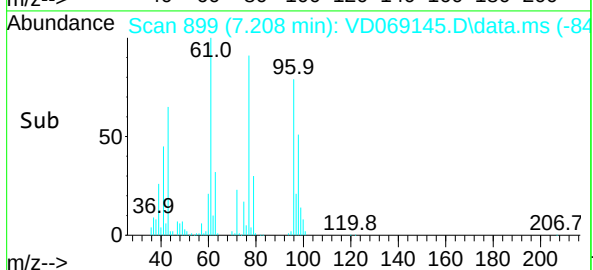
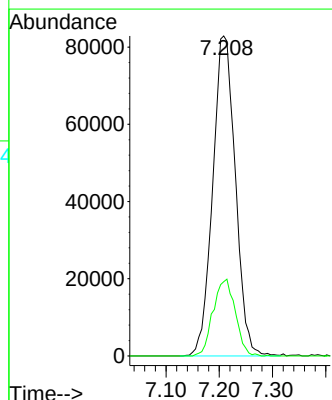
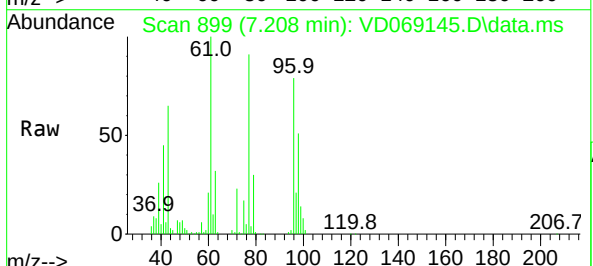
Manual Integrations
APPROVED

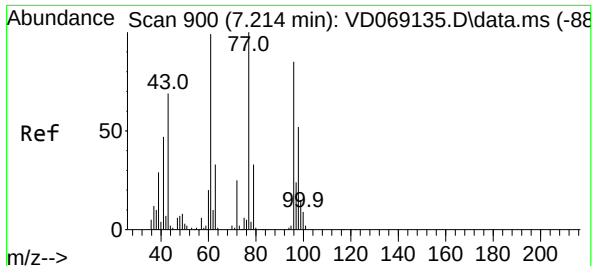
MMDadoda
5/13/2021 4:06:15 PM



#26
2,2-Dichloropropane
Concen: 47.52 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 77 Resp: 244927
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 52.07 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD069145.D

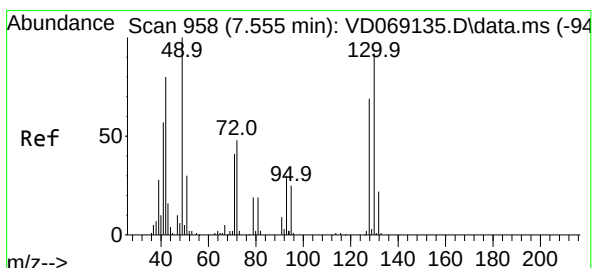
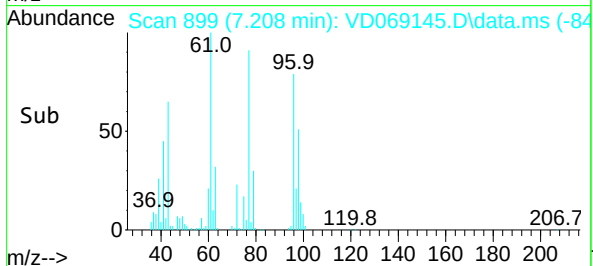
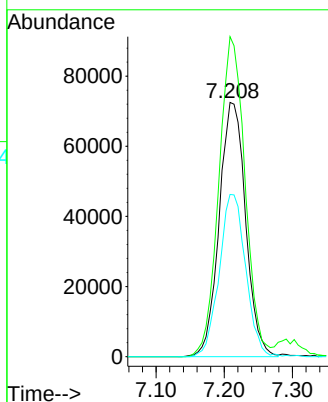
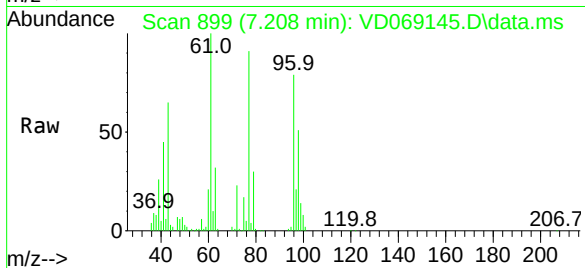
Acq: 12 May 2021 19:22

Tgt Ion:	96	Resp:	195196
Ion	Ratio	Lower	Upper
96	100		
61	125.0	0.0	263.8
98	64.0	0.0	132.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:15 PM



#28

Bromochloromethane

Concen: 51.63 ug/l

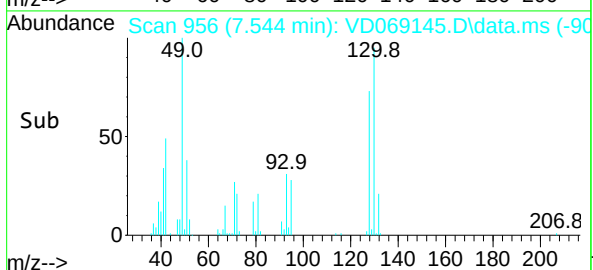
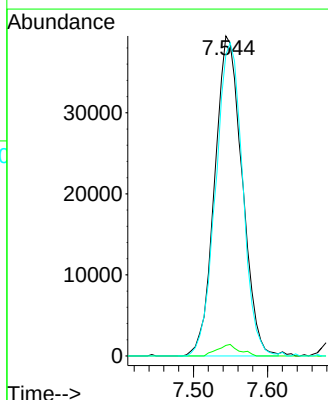
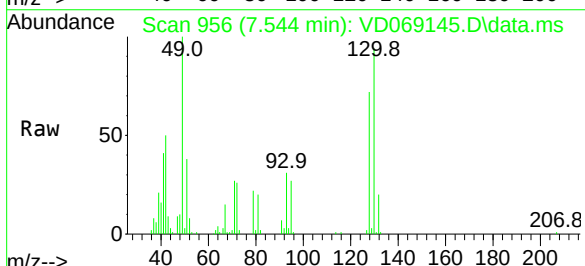
RT: 7.544 min Scan# 956

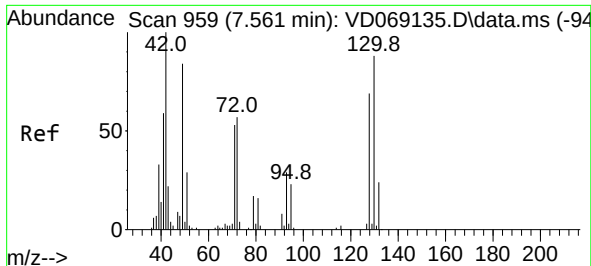
Delta R.T. -0.011 min

Lab File: VD069145.D

Acq: 12 May 2021 19:22

Tgt Ion:	49	Resp:	101436
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	6.4
130	96.1	75.8	113.6





#29

Tetrahydrofuran

Concen: 282.28 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD069145.D

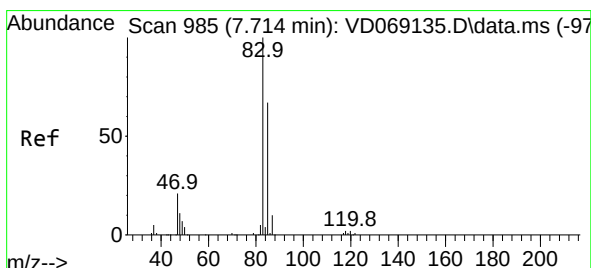
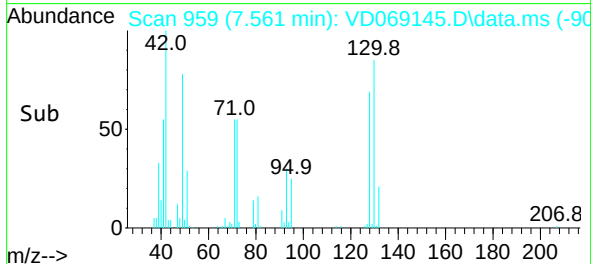
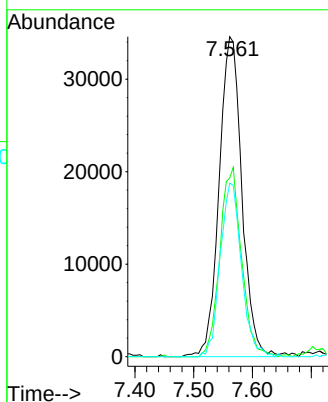
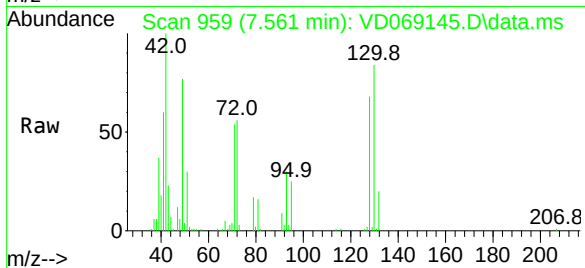
Acq: 12 May 2021 19:22

Tgt Ion:	42	Resp:	92917
Ion	Ratio	Lower	Upper
42	100		
72	56.4	45.9	68.9
71	51.0	42.9	64.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:15 PM



#30

Chloroform

Concen: 50.28 ug/l

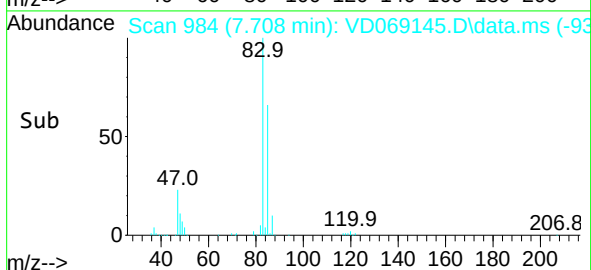
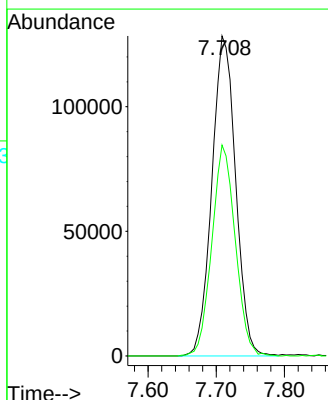
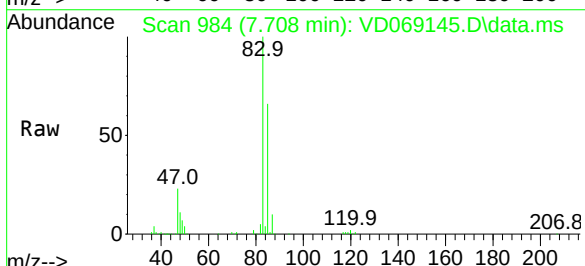
RT: 7.708 min Scan# 984

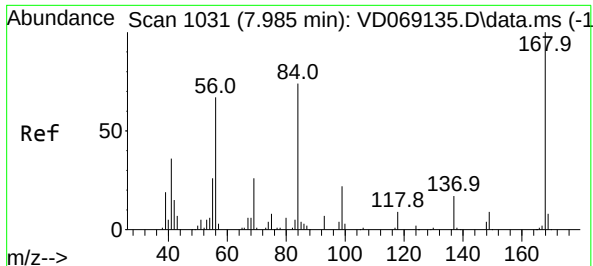
Delta R.T. -0.006 min

Lab File: VD069145.D

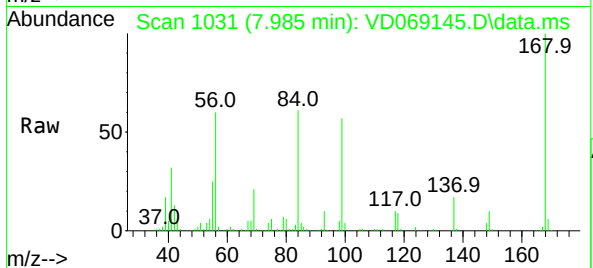
Acq: 12 May 2021 19:22

Tgt Ion:	83	Resp:	311986
Ion	Ratio	Lower	Upper
83	100		
85	65.9	54.0	81.0

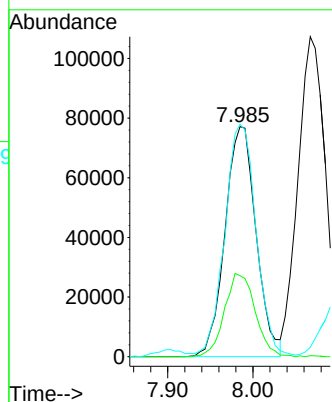
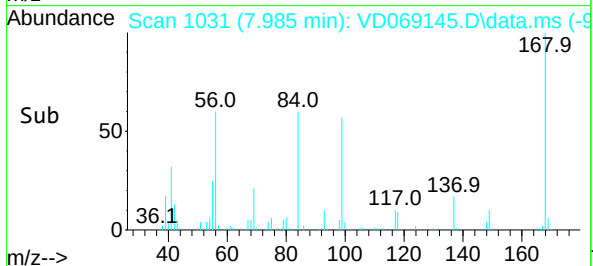




#31
Cyclohexane
Concen: 45.25 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



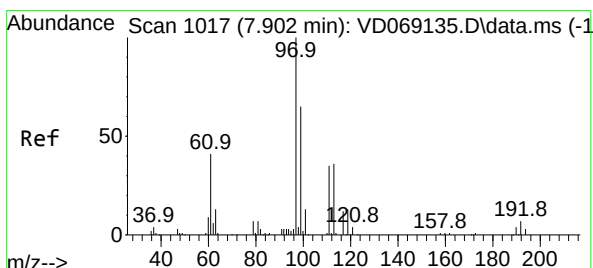
Tgt Ion: 56 Resp: 195678
Ion Ratio Lower Upper
56 100
69 35.2 30.6 46.0
84 98.6 88.0 132.0



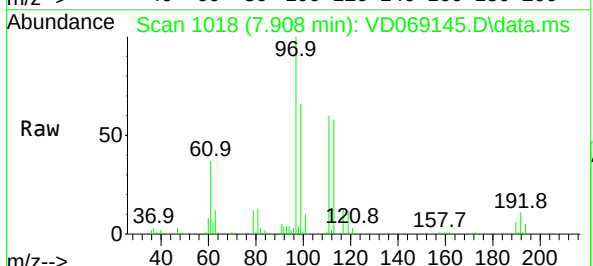
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

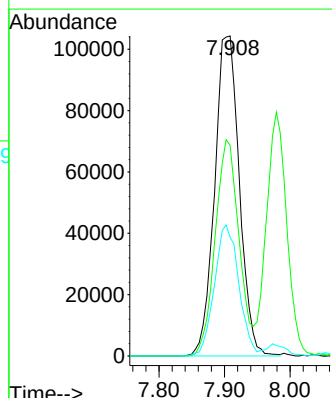
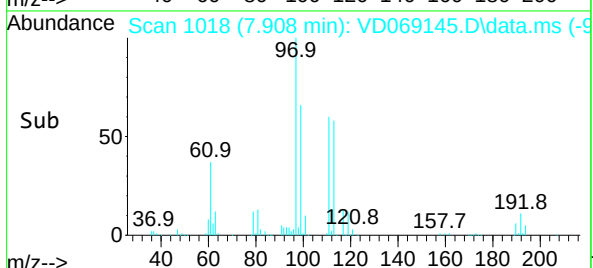
MMDadoda
5/13/2021 4:06:15 PM

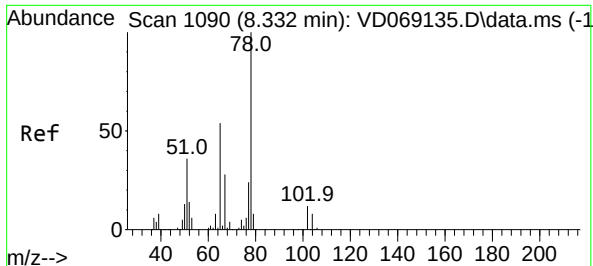


#32
1,1,1-Trichloroethane
Concen: 48.51 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



Tgt Ion: 97 Resp: 273070
Ion Ratio Lower Upper
97 100
99 65.1 51.5 77.3
61 40.5 32.5 48.7





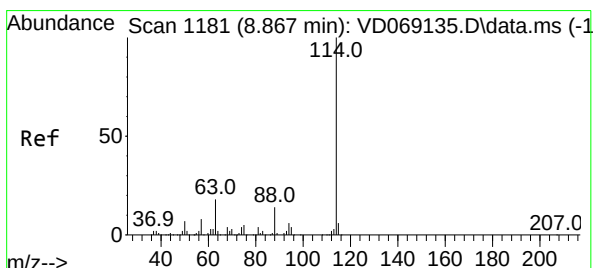
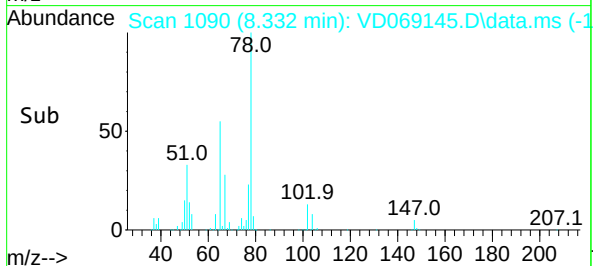
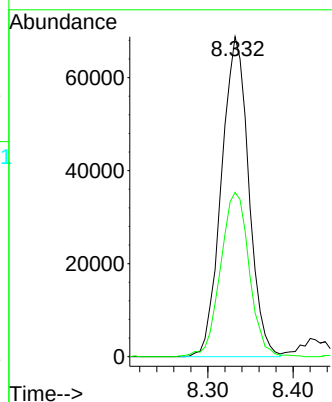
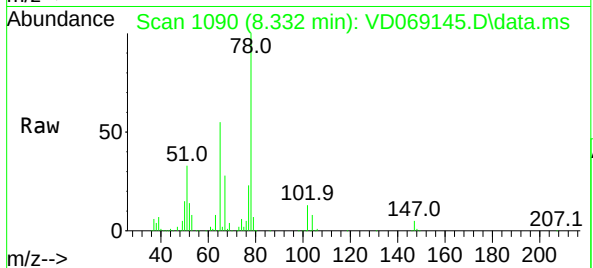
#33
1,2-Dichloroethane-d4
Concen: 52.43 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 65 Resp: 152985
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

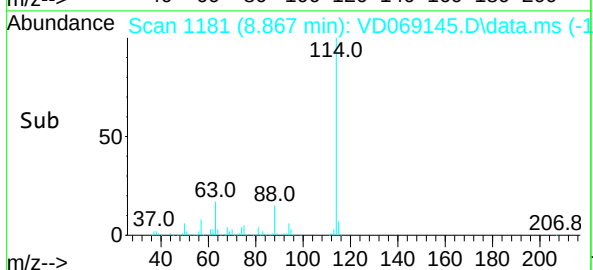
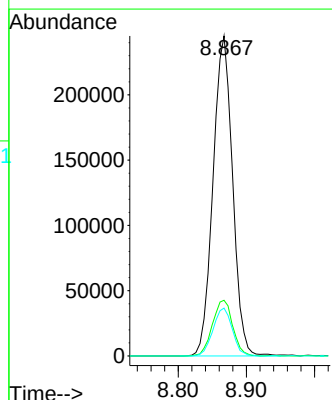
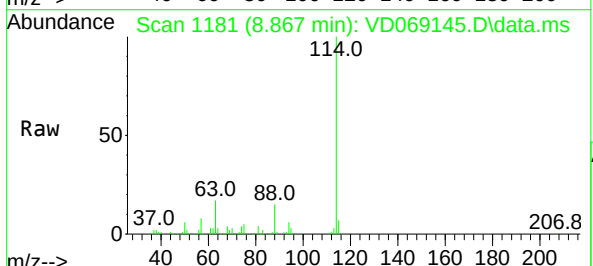
Manual Integrations
APPROVED

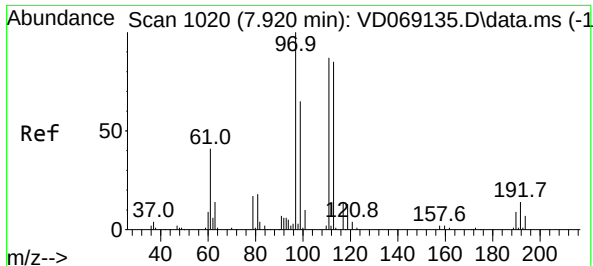
MMDadoda
5/13/2021 4:06:15 PM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 114 Resp: 489820
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.4
88 15.0 0.0 28.2





#35

Dibromofluoromethane

Concen: 51.53 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069145.D

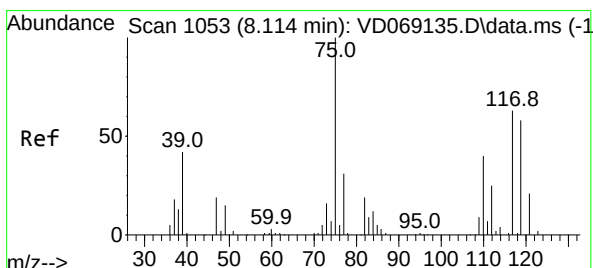
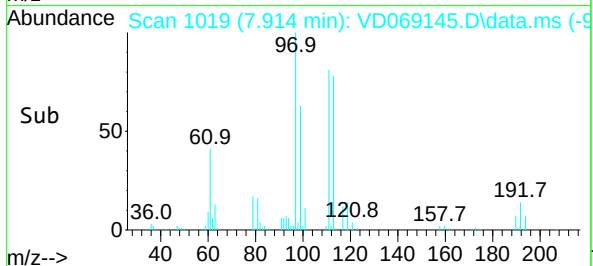
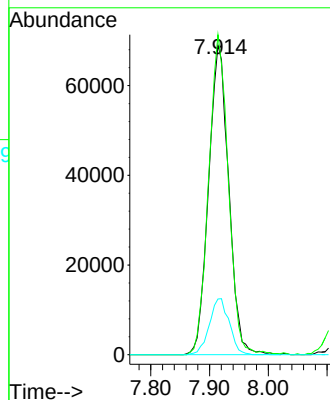
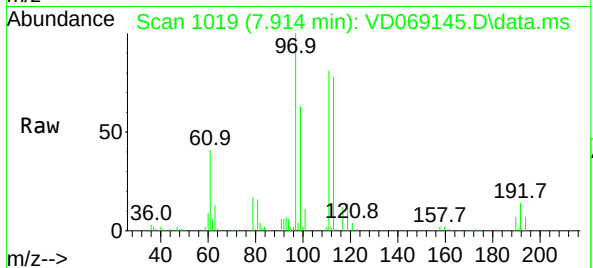
Acq: 12 May 2021 19:22

Tgt Ion:	113	Resp:	164244
Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.6	120.8
192	17.8	14.8	22.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:15 PM



#36

1,1-Dichloropropene

Concen: 47.34 ug/l

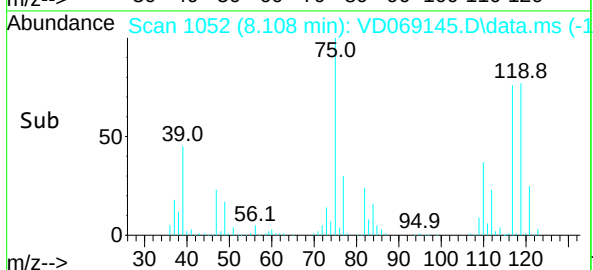
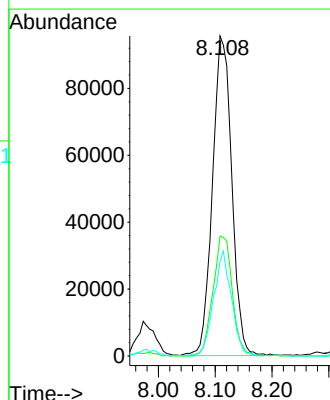
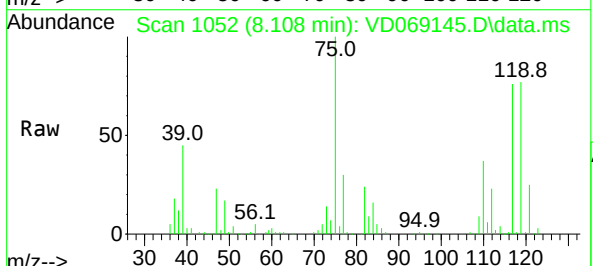
RT: 8.108 min Scan# 1052

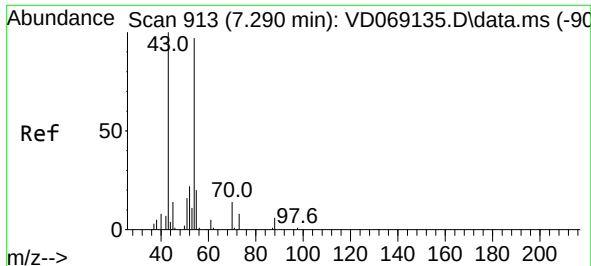
Delta R.T. -0.006 min

Lab File: VD069145.D

Acq: 12 May 2021 19:22

Tgt Ion:	75	Resp:	225438
Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.8	56.4
77	30.6	25.2	37.8





#37

Ethyl Acetate

Concen: 48.72 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD069145.D

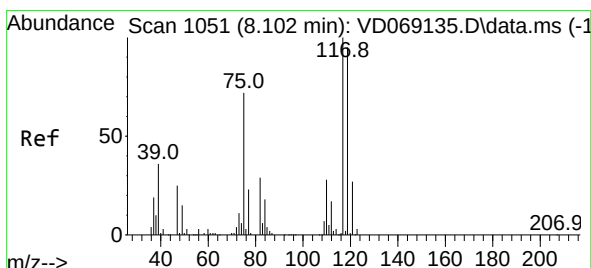
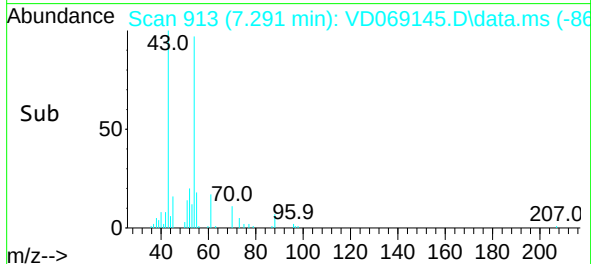
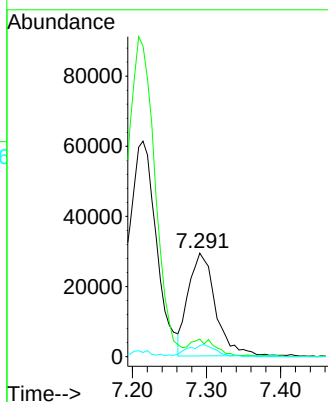
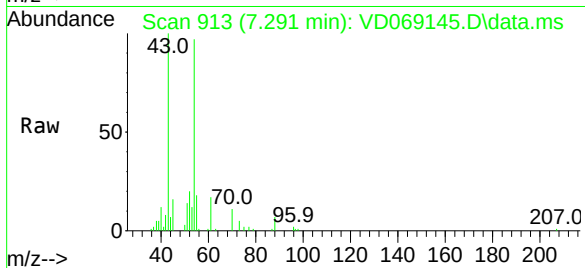
Acq: 12 May 2021 19:22

Tgt Ion:	43	Resp:	74547
Ion	Ratio	Lower	Upper
43	100		
61	17.3	11.5	17.3#
70	12.0	10.4	15.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:15 PM



#38

Carbon Tetrachloride

Concen: 45.46 ug/l

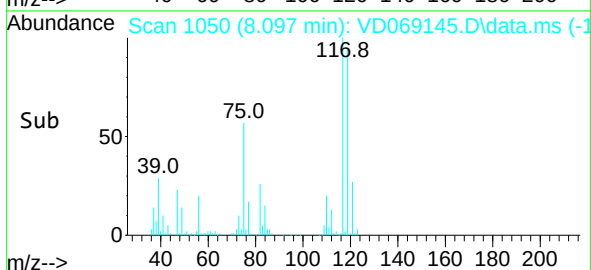
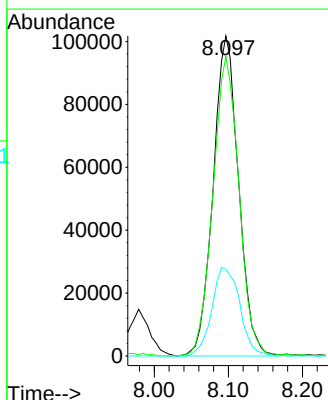
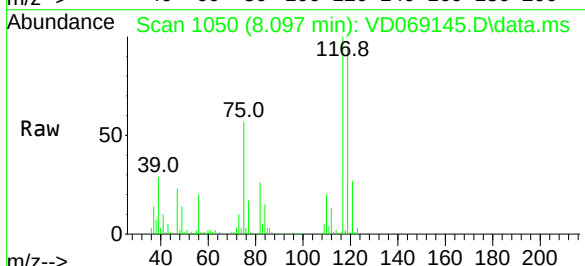
RT: 8.097 min Scan# 1050

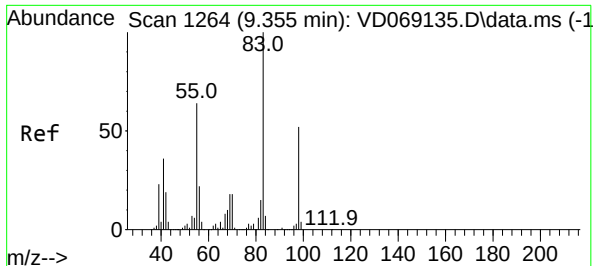
Delta R.T. -0.006 min

Lab File: VD069145.D

Acq: 12 May 2021 19:22

Tgt Ion:	117	Resp:	242022
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.2	114.2
121	27.1	21.9	32.9





#39

Methylcyclohexane

Concen: 45.69 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069145.D

Acq: 12 May 2021 19:22

Tgt Ion: 83 Resp: 229513

Ion Ratio Lower Upper

83 100

55 67.5 51.2 76.8

98 49.5 41.4 62.2

Instrument :

MSVOA_D

ClientSampleId :

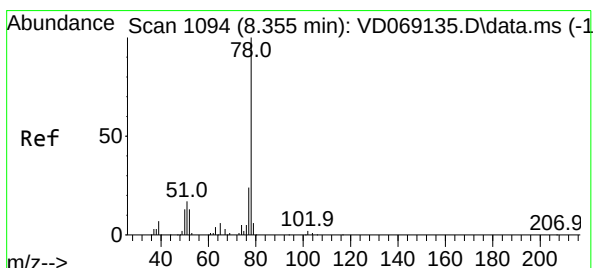
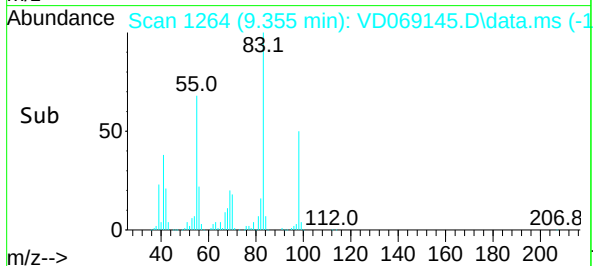
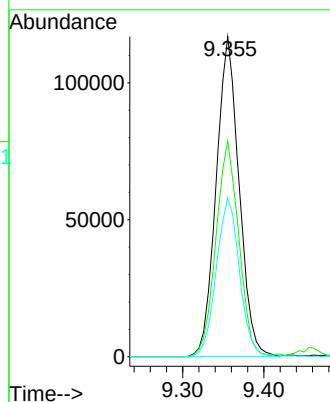
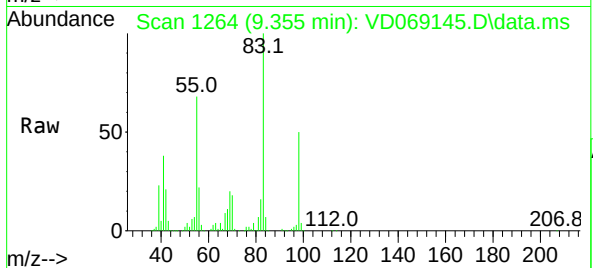
VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda

5/13/2021 4:06:15 PM



#40

Benzene

Concen: 49.22 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VD069145.D

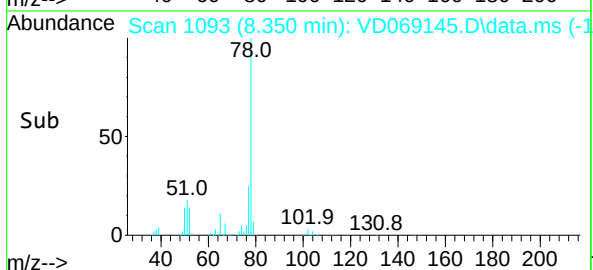
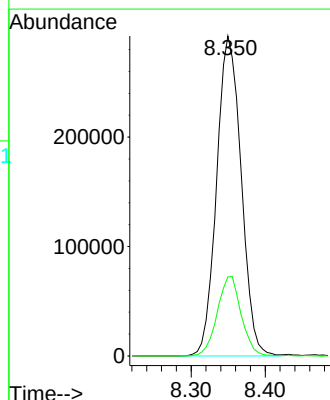
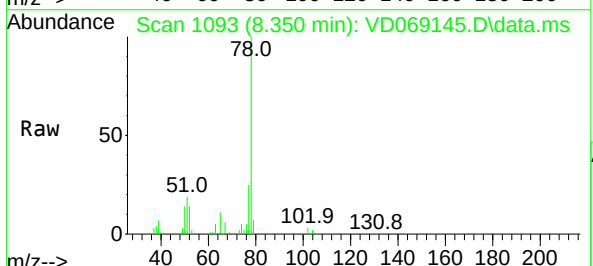
Acq: 12 May 2021 19:22

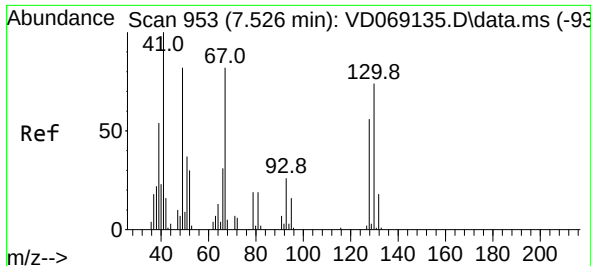
Tgt Ion: 78 Resp: 671420

Ion Ratio Lower Upper

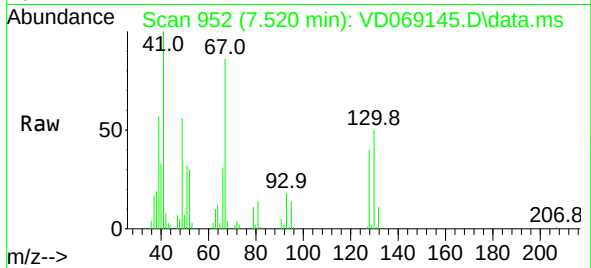
78 100

77 24.7 19.1 28.7

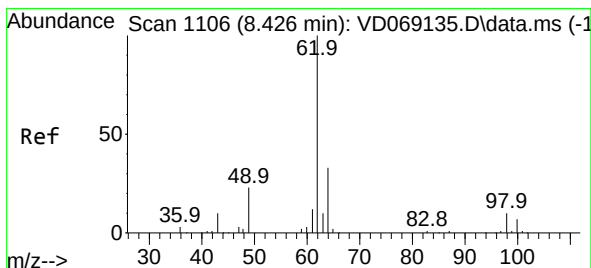
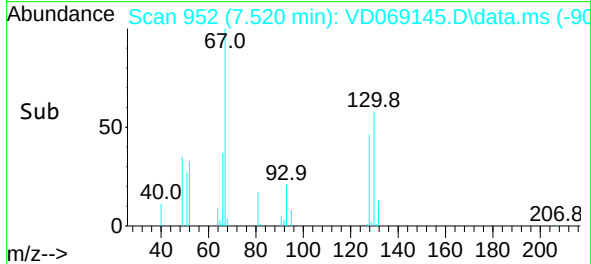
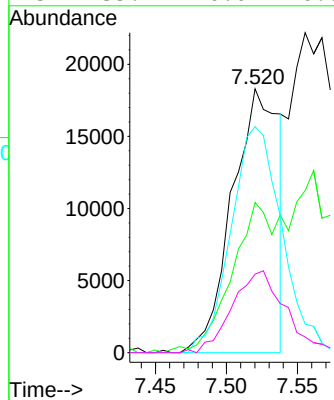




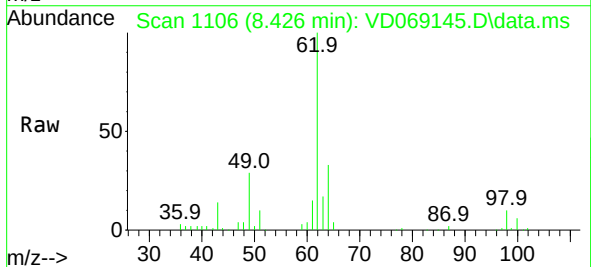
#41
Methacrylonitrile
Concen: 51.19 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



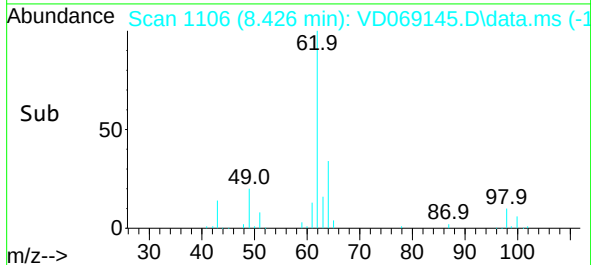
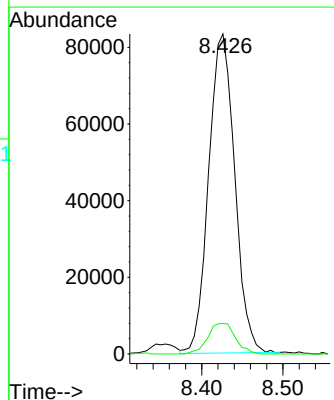
Tgt Ion:	41	Resp:	41691
Ion Ratio	100	Lower	Upper
39	48.6	58.0	87.0#
67	94.3	0.0	0.0#
52	35.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 49.81 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



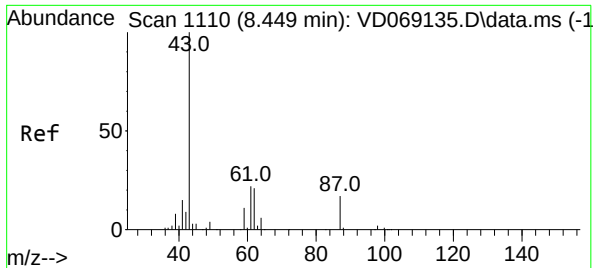
Tgt Ion:	62	Resp:	185541
Ion Ratio	100	Lower	Upper
98	10.2	0.0	20.6



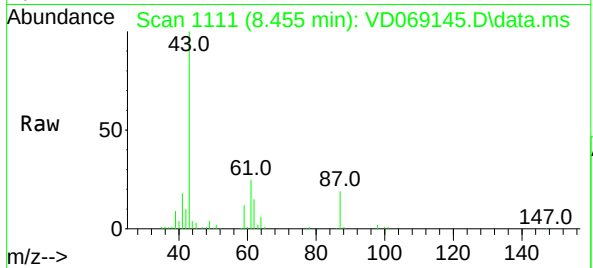
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

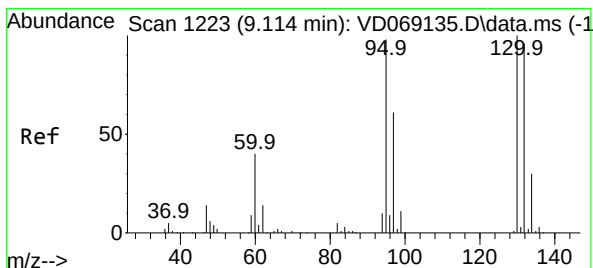
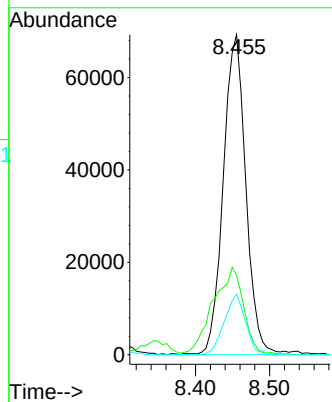
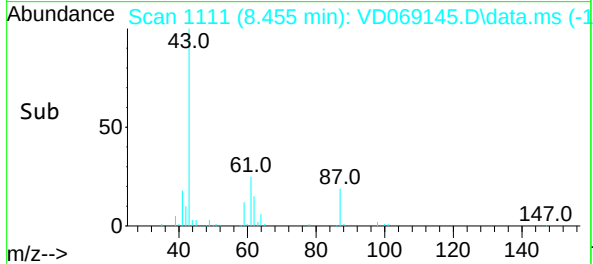
MMDadoda
5/13/2021 4:06:15 PM



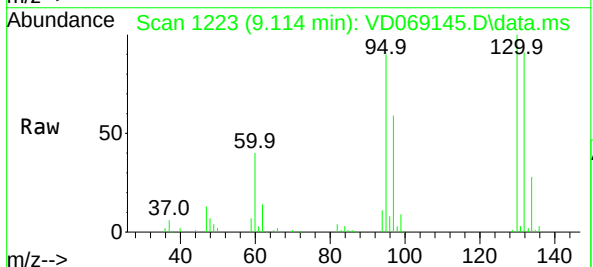
#43
Isopropyl Acetate
Concen: 52.58 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



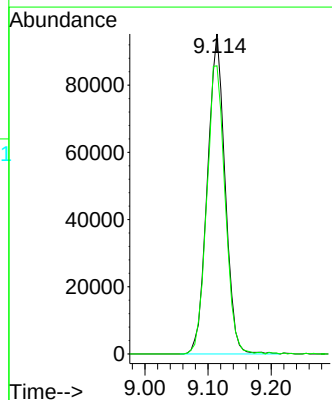
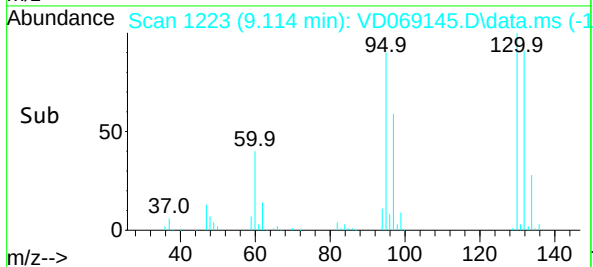
Tgt Ion: 43 Resp: 146076
Ion Ratio Lower Upper
43 100
61 37.1 28.6 42.8
87 17.8 13.8 20.8



#44
Trichloroethene
Concen: 48.43 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



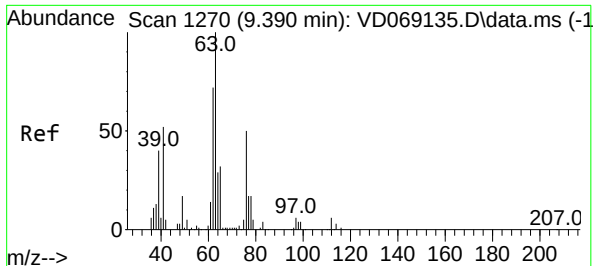
Tgt Ion: 130 Resp: 184631
Ion Ratio Lower Upper
130 100
95 90.1 0.0 196.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:15 PM



#45

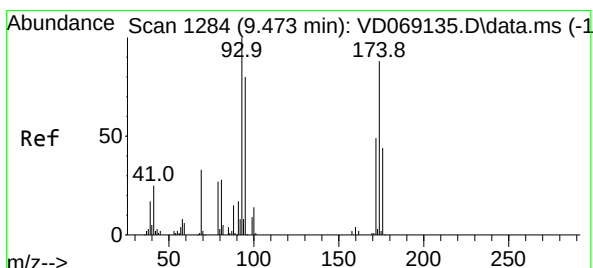
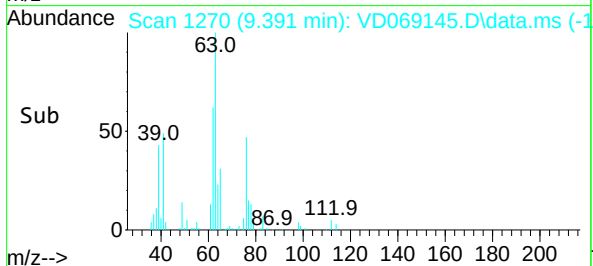
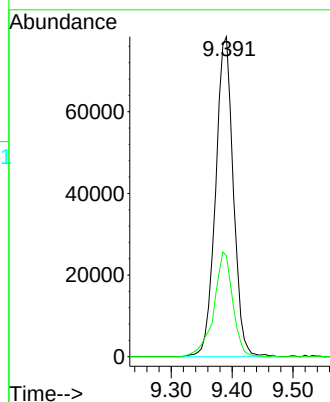
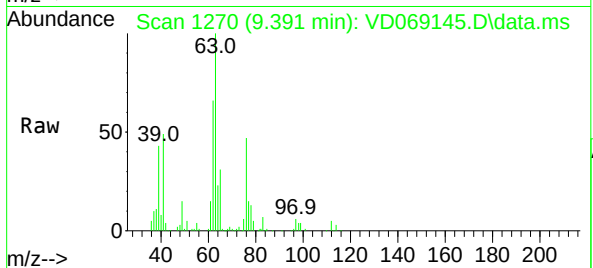
1,2-Dichloropropane
Concen: 49.16 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 63 Resp: 158294
Ion Ratio Lower Upper
63 100
65 31.5 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

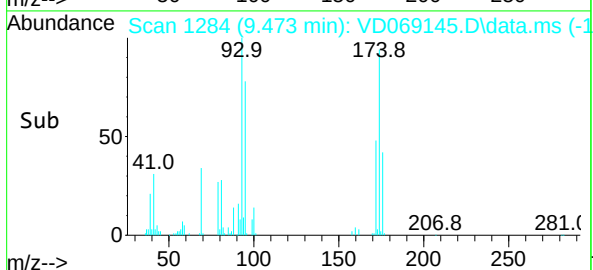
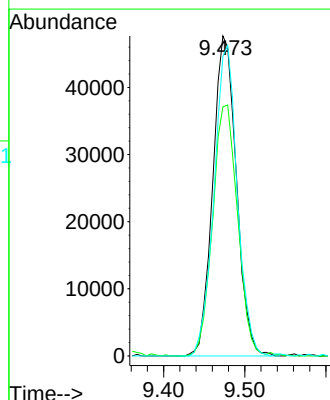
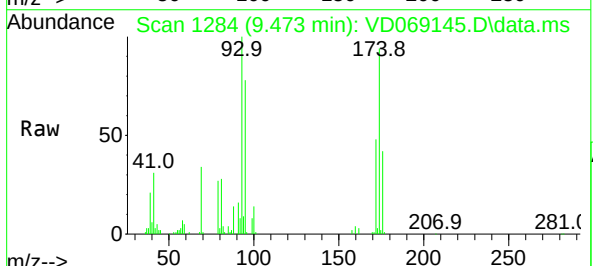
MMDadoda
5/13/2021 4:06:15 PM

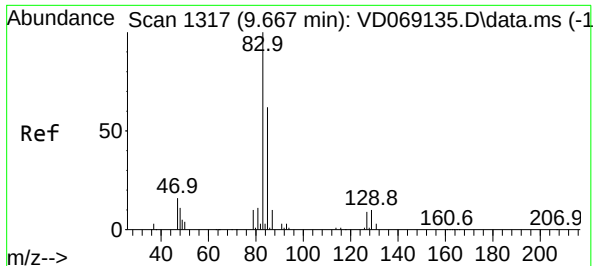


#46

Dibromomethane
Concen: 50.05 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

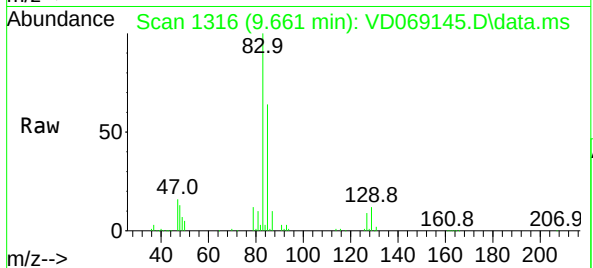
Tgt Ion: 93 Resp: 96324
Ion Ratio Lower Upper
93 100
95 83.1 65.9 98.9
174 95.6 76.6 115.0





#47
Bromodichloromethane
Concen: 49.24 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

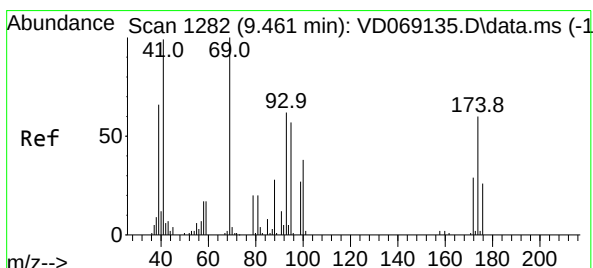
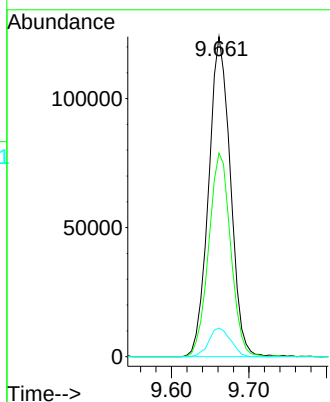
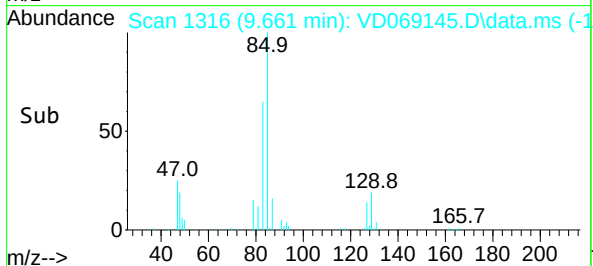
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



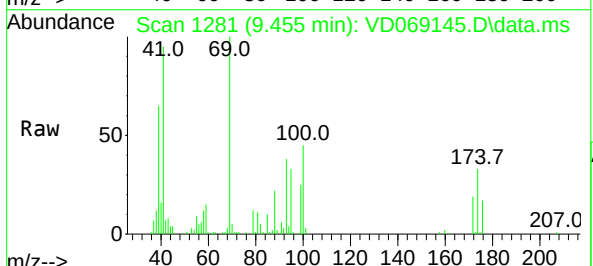
Tgt Ion: 83 Resp: 241144
Ion Ratio Lower Upper
83 100
85 63.6 50.0 75.0
127 9.0 7.1 10.7

Manual Integrations
APPROVED

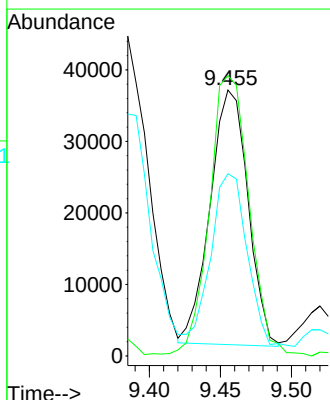
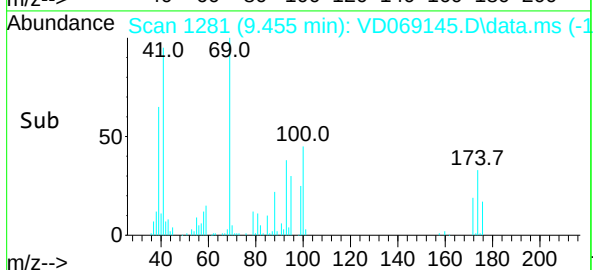
MMDadoda
5/13/2021 4:06:15 PM

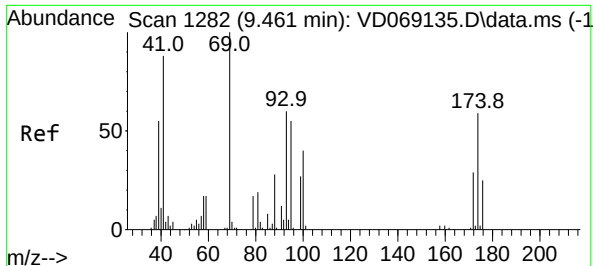


#48
Methyl methacrylate
Concen: 51.39 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



Tgt Ion: 41 Resp: 66032
Ion Ratio Lower Upper
41 100
69 115.6 88.0 132.0
39 72.1 51.4 77.0





#49

1,4-Dioxane

Concen: 1090.76 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VD069145.D

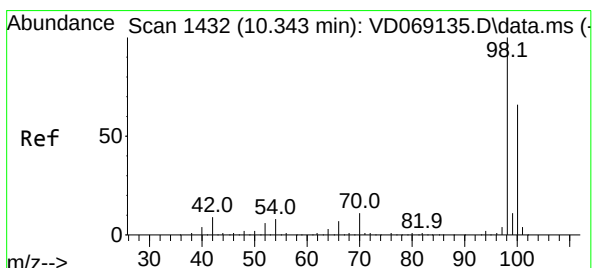
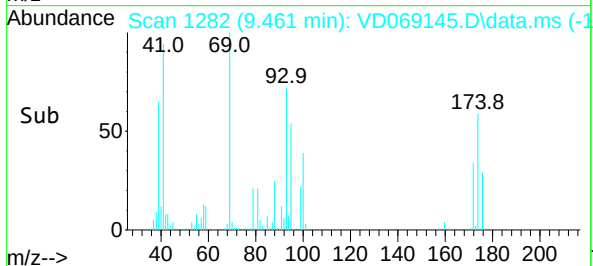
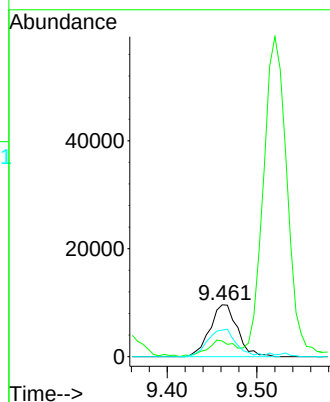
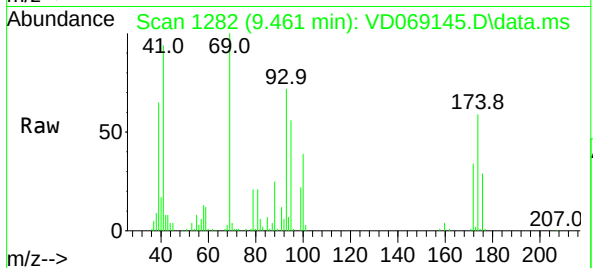
Acq: 12 May 2021 19:22

Tgt Ion:	88	Resp:	20461
Ion Ratio	Lower	Upper	
88	100		
43	30.3	26.7	40.1
58	55.2	45.8	68.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:15 PM



#50

Toluene-d8

Concen: 50.39 ug/l

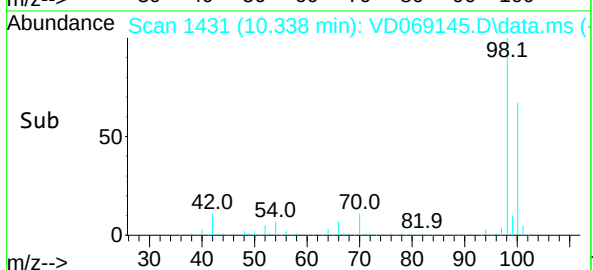
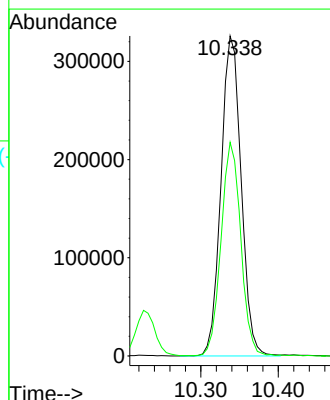
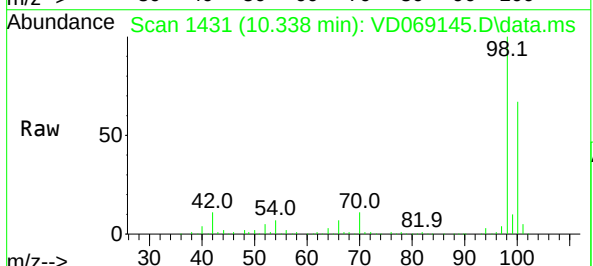
RT: 10.338 min Scan# 1431

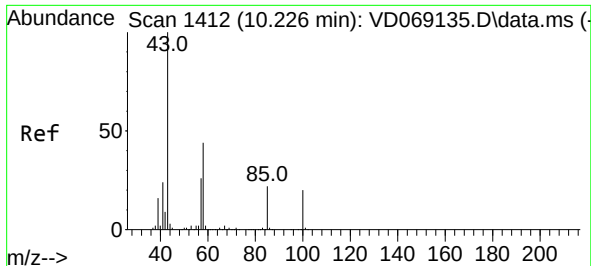
Delta R.T. -0.006 min

Lab File: VD069145.D

Acq: 12 May 2021 19:22

Tgt Ion:	98	Resp:	590142
Ion Ratio	Lower	Upper	
98	100		
100	65.2	51.8	77.8





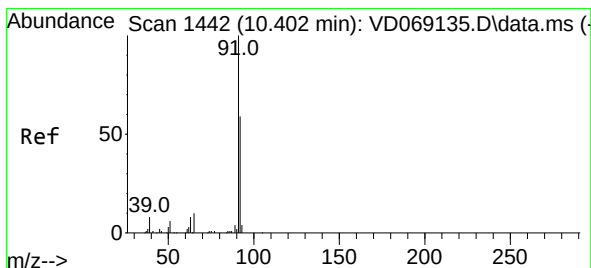
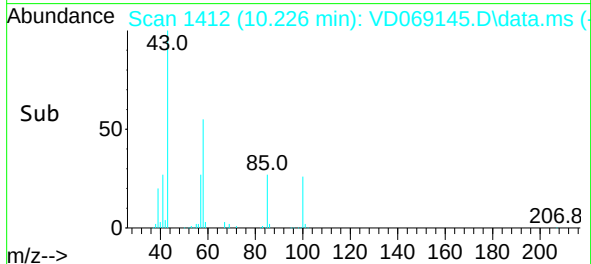
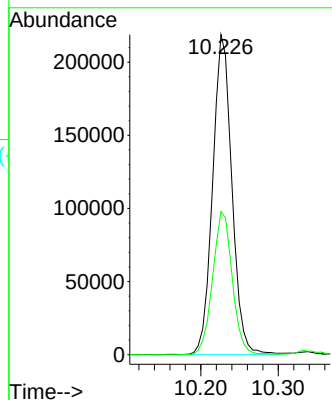
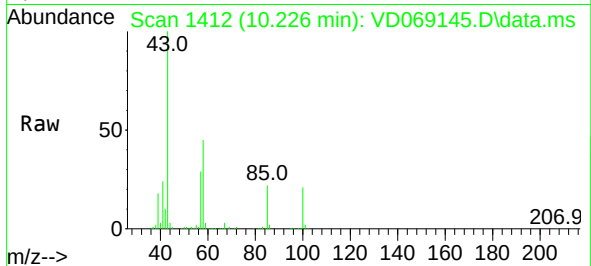
#51
4-Methyl-2-Pentanone
Concen: 264.23 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 43 Resp: 377716
Ion Ratio Lower Upper
43 100
58 45.7 35.0 52.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

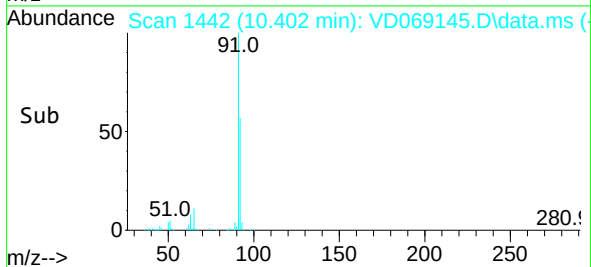
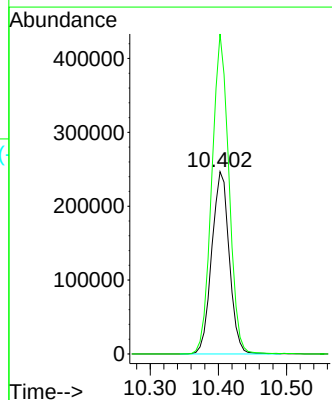
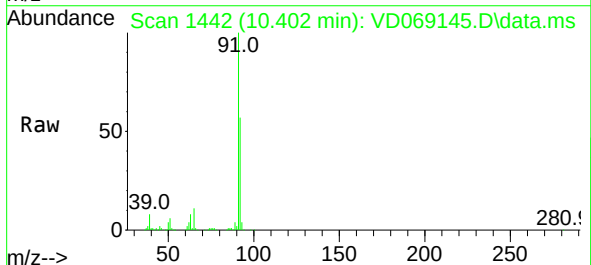
Manual Integrations
APPROVED

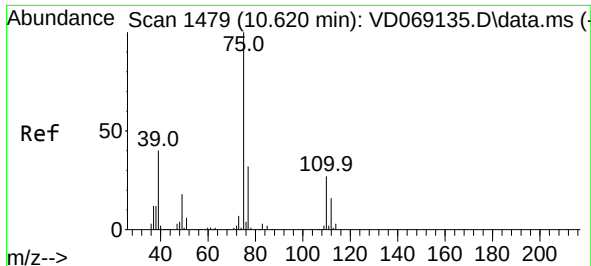
MMDadoda
5/13/2021 4:06:15 PM



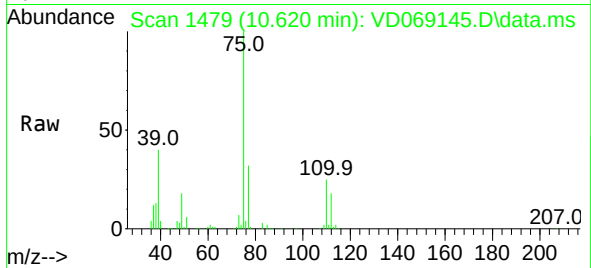
#52
Toluene
Concen: 50.07 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 92 Resp: 440834
Ion Ratio Lower Upper
92 100
91 172.0 136.2 204.2

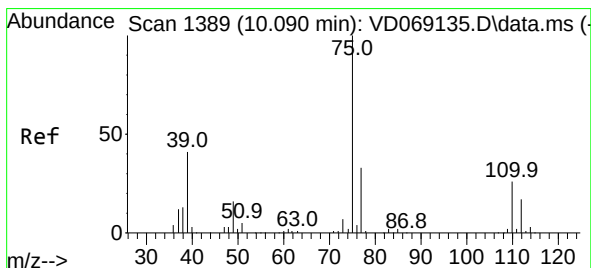
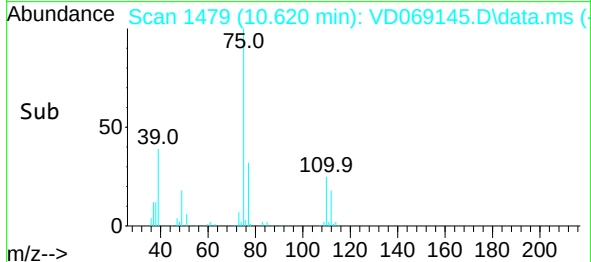
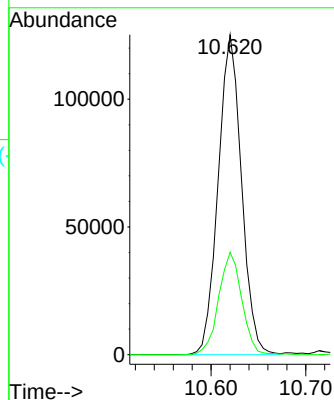




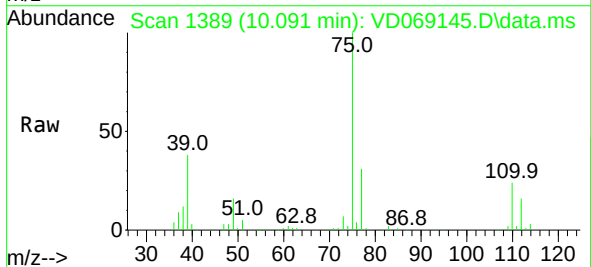
#53
 t-1,3-Dichloropropene
 Concen: 49.77 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. 0.000 min
 Lab File: VD069145.D
 Acq: 12 May 2021 19:22



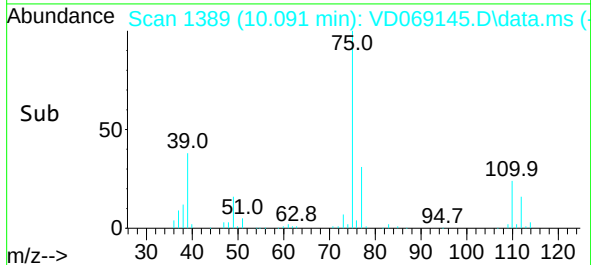
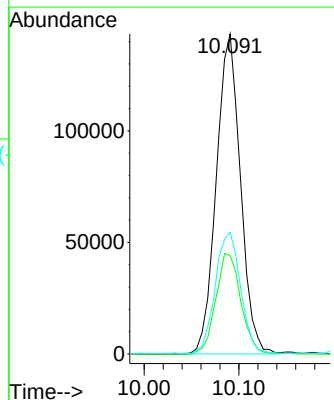
Tgt Ion: 75 Resp: 214199
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.34 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. 0.000 min
 Lab File: VD069145.D
 Acq: 12 May 2021 19:22



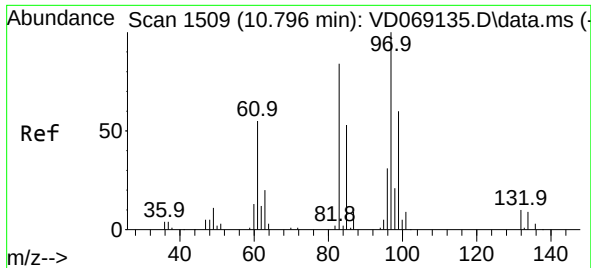
Tgt Ion: 75 Resp: 253816
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.2 39.4
 39 37.8 32.9 49.3



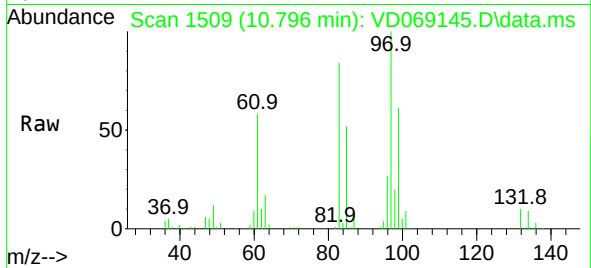
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

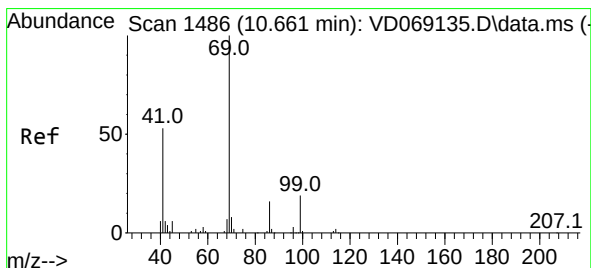
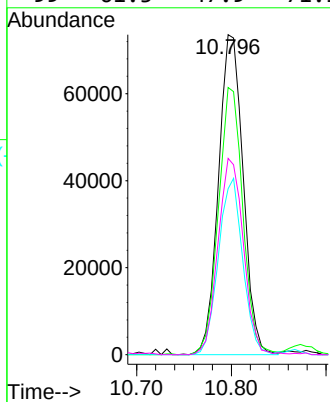
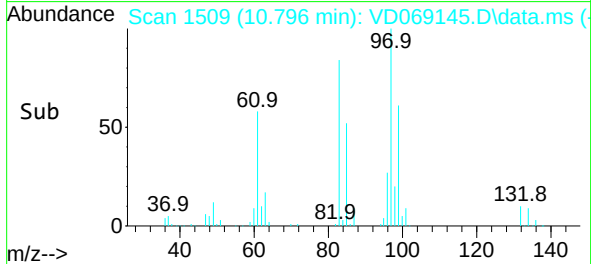
MMDadoda
 5/13/2021 4:06:15 PM



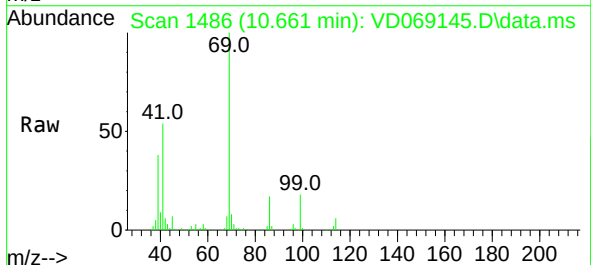
#55
1,1,2-Trichloroethane
Concen: 51.33 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



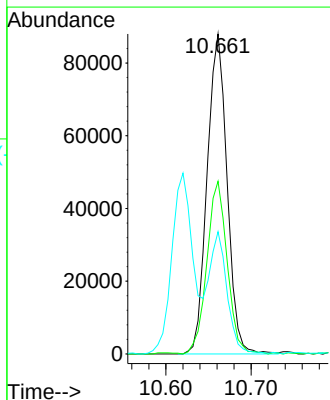
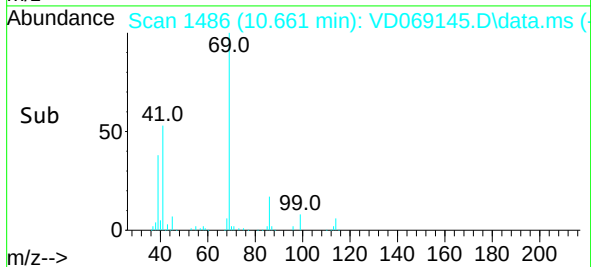
Tgt Ion:	97	Resp:	133148
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.9	100.3
85	51.8	42.2	63.4
99	61.3	47.9	71.9



#56
Ethyl methacrylate
Concen: 50.57 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



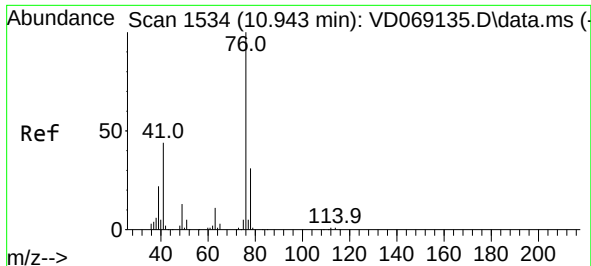
Tgt Ion:	69	Resp:	143172
Ion	Ratio	Lower	Upper
69	100		
41	54.9	42.2	63.2
39	33.4	26.3	39.5



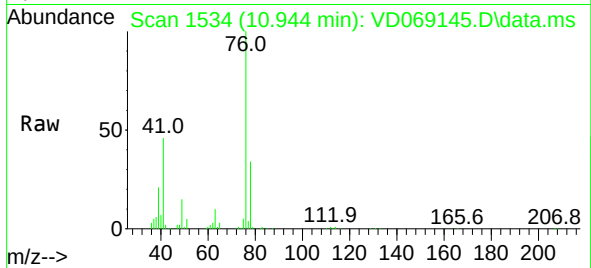
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

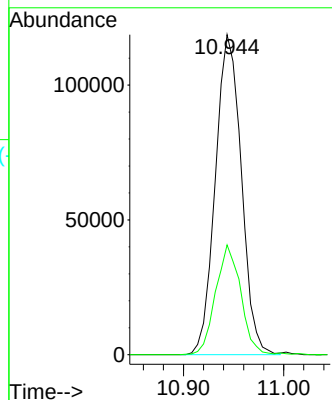
MMDadoda
5/13/2021 4:06:15 PM



#57
1,3-Dichloropropane
Concen: 50.91 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



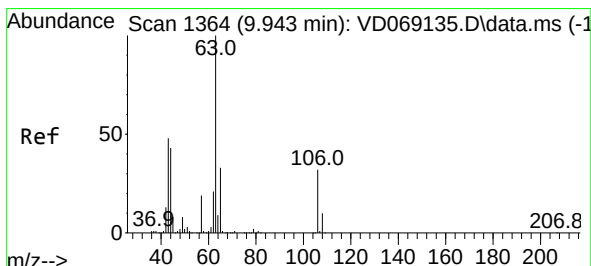
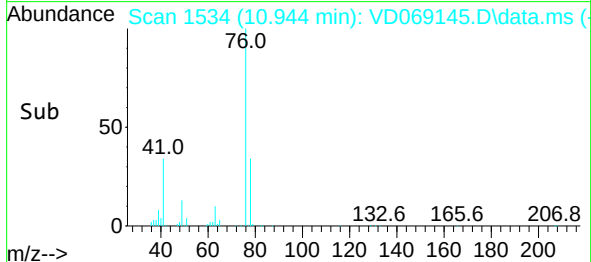
Tgt Ion: 76 Resp: 213434
Ion Ratio Lower Upper
76 100
78 33.4 25.7 38.5



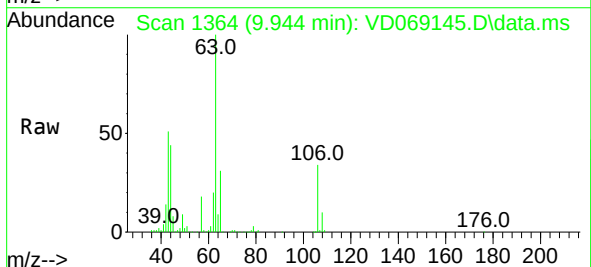
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

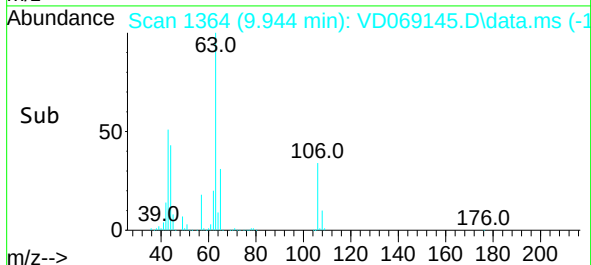
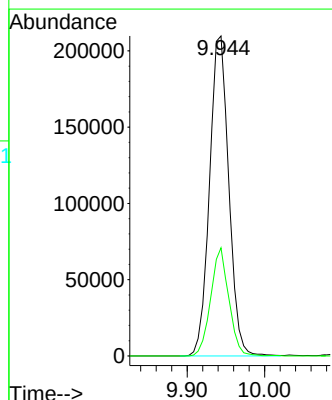
MMDadoda
5/13/2021 4:06:15 PM

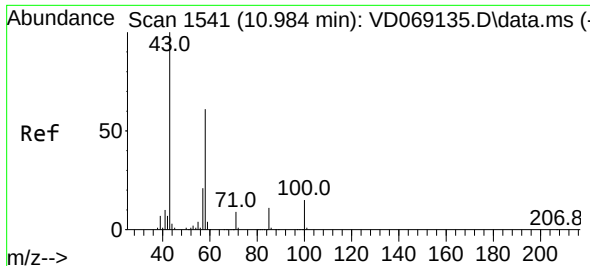


#58
2-Chloroethyl Vinyl ether
Concen: 282.41 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



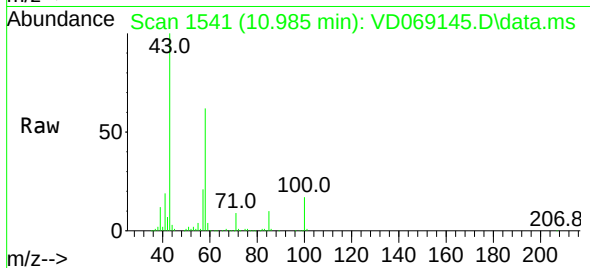
Tgt Ion: 63 Resp: 362667
Ion Ratio Lower Upper
63 100
106 31.7 25.3 37.9





#59
2-Hexanone
Concen: 271.89 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

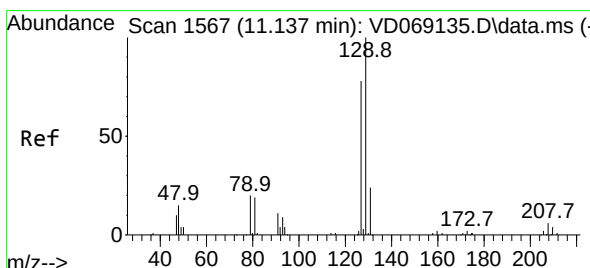
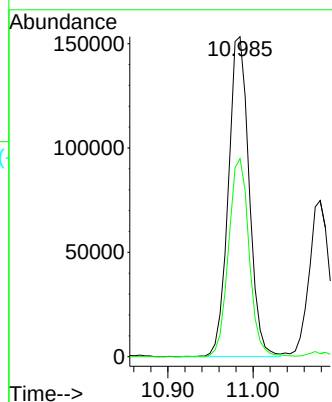
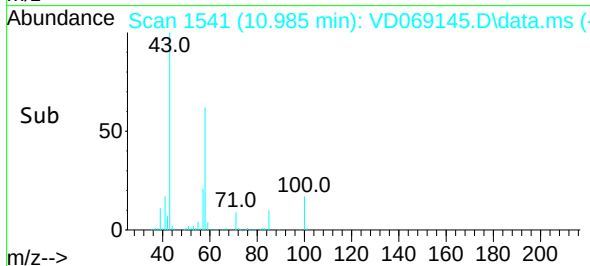
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



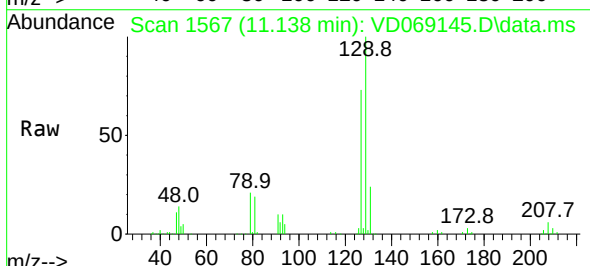
Tgt Ion: 43 Resp: 259355
Ion Ratio Lower Upper
43 100
58 61.2 31.1 93.5

Manual Integrations
APPROVED

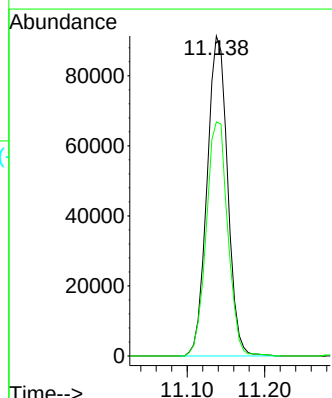
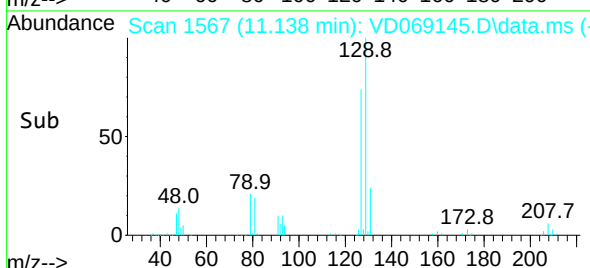
MMDadoda
5/13/2021 4:06:15 PM

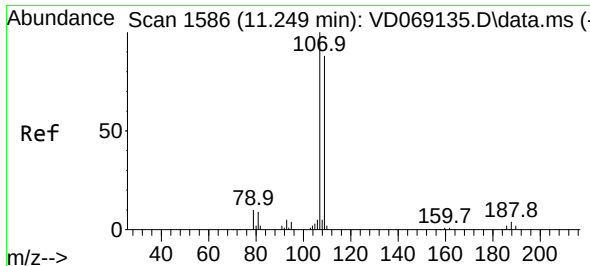


#60
Dibromochloromethane
Concen: 50.36 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



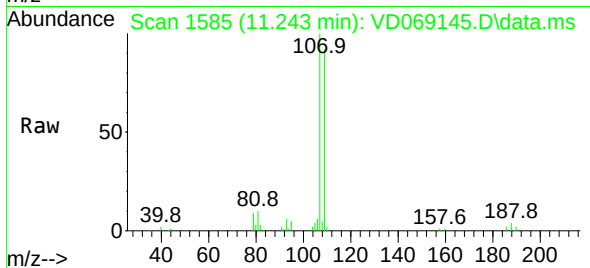
Tgt Ion: 129 Resp: 167788
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.43 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

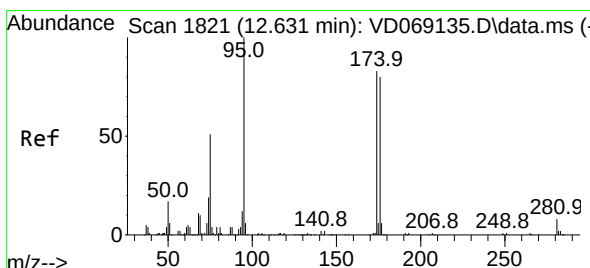
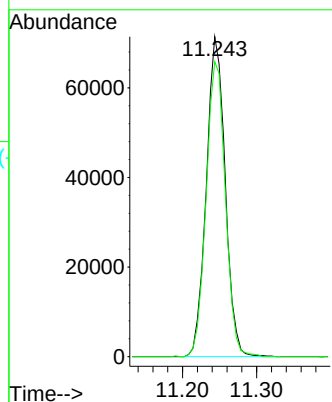
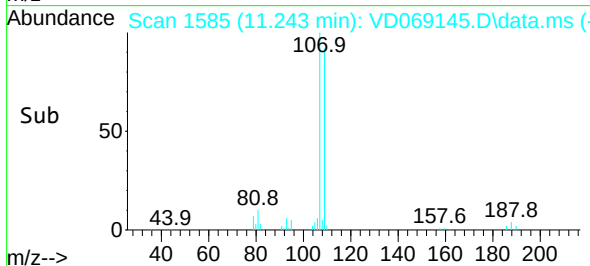
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



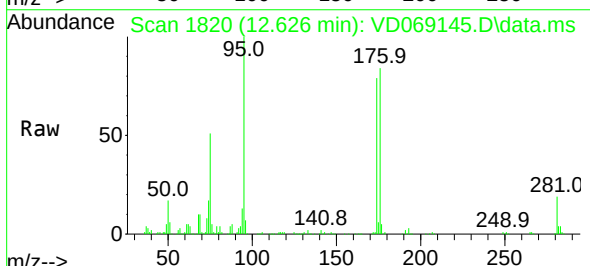
Tgt Ion:107 Resp: 126726
Ion Ratio Lower Upper
107 100
109 93.8 73.6 110.4

Manual Integrations
APPROVED

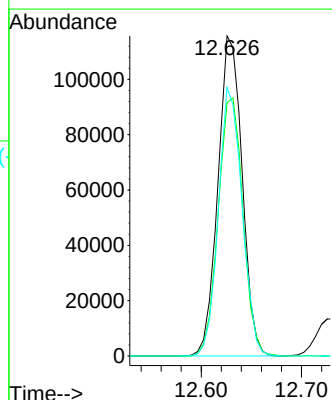
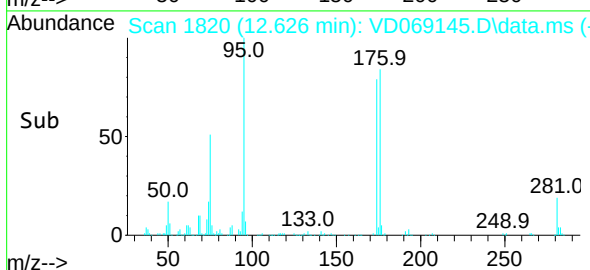
MMDadoda
5/13/2021 4:06:15 PM

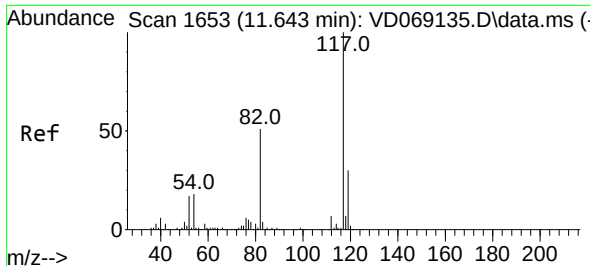


#62
4-Bromofluorobenzene
Concen: 51.41 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



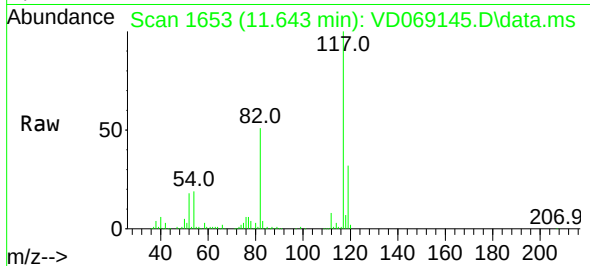
Tgt Ion: 95 Resp: 193750
Ion Ratio Lower Upper
95 100
174 82.5 0.0 171.8
176 81.9 0.0 165.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

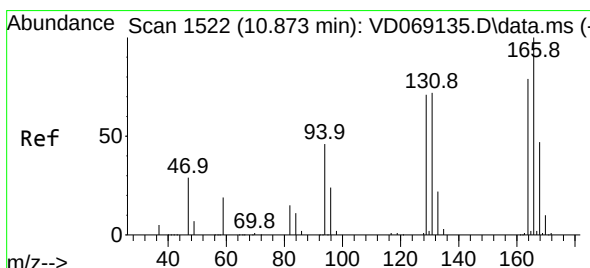
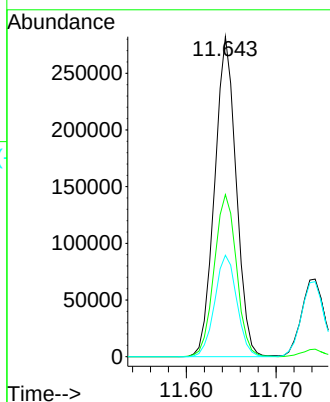
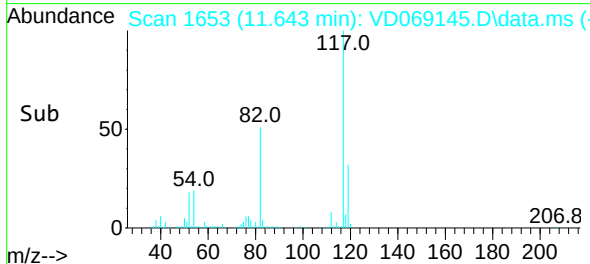
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



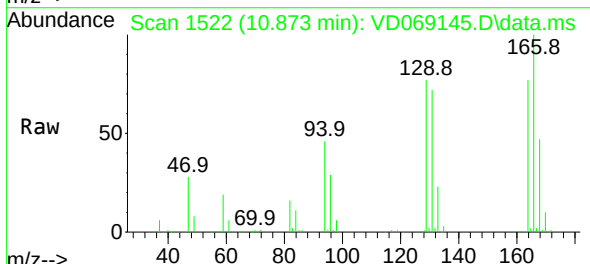
Tgt Ion:117 Resp: 470025
Ion Ratio Lower Upper
117 100
82 50.7 40.5 60.7
119 31.7 24.2 36.4

Manual Integrations
APPROVED

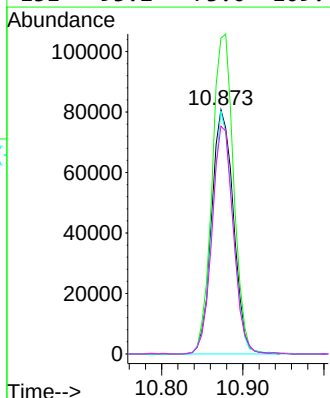
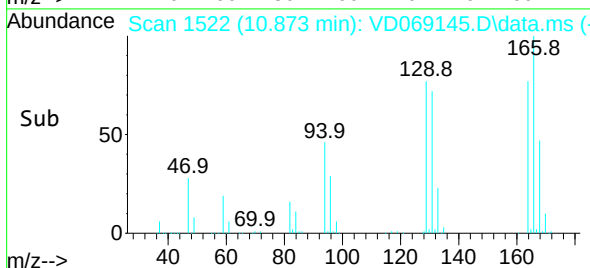
MMDadoda
5/13/2021 4:06:15 PM

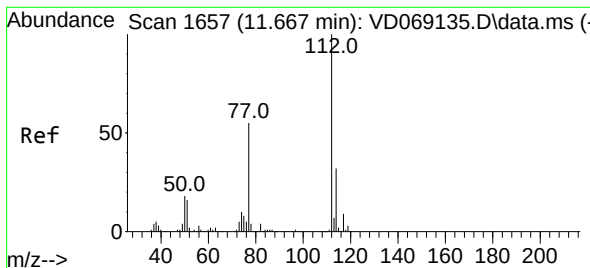


#64
Tetrachloroethene
Concen: 45.95 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



Tgt Ion:164 Resp: 150114
Ion Ratio Lower Upper
164 100
166 129.2 101.7 152.5
129 99.4 72.6 109.0
131 93.2 73.0 109.4





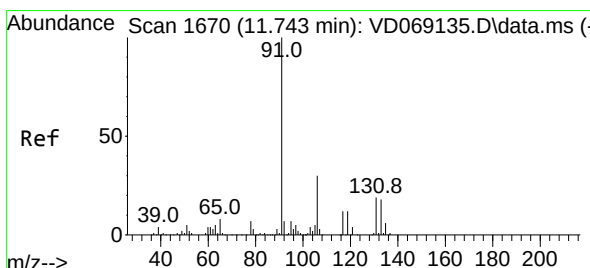
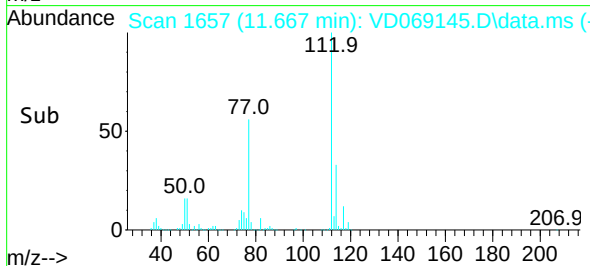
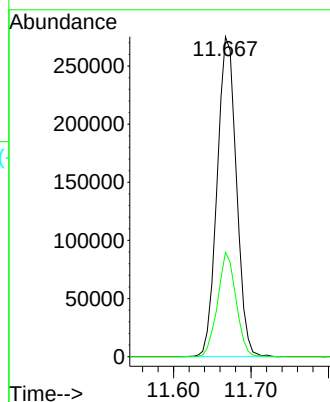
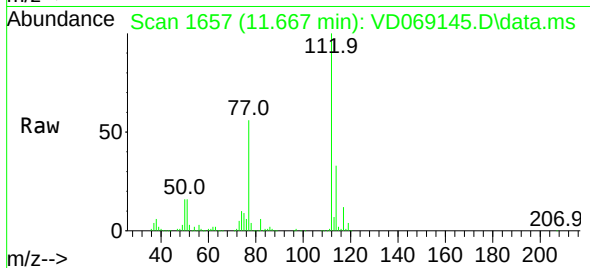
#65
Chlorobenzene
Concen: 48.76 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 475013
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

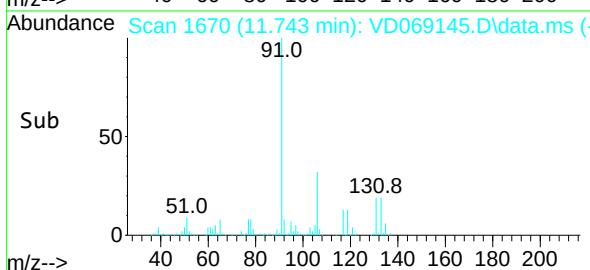
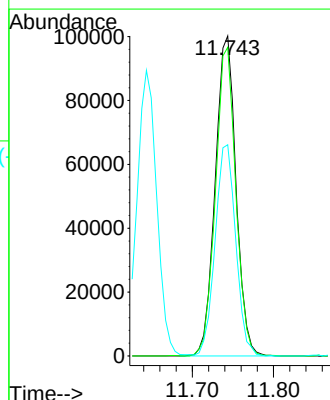
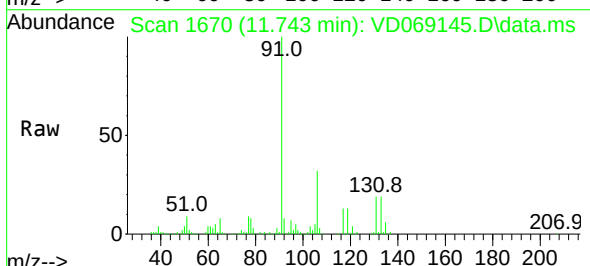
Manual Integrations
APPROVED

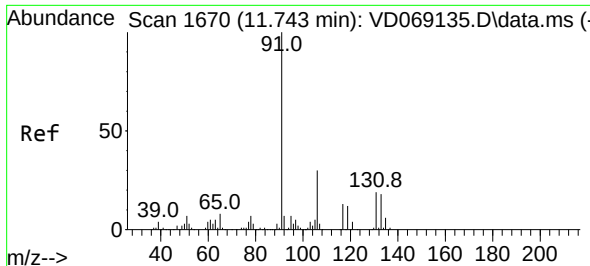
MMDadoda
5/13/2021 4:06:15 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.41 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion:131 Resp: 177856
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 65.7 32.1 96.5





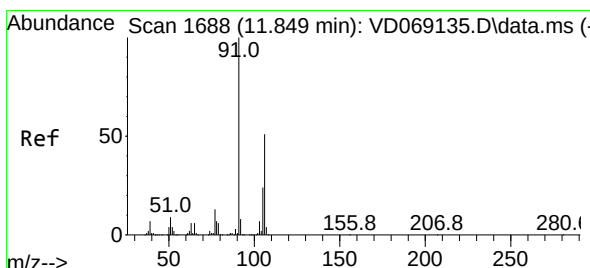
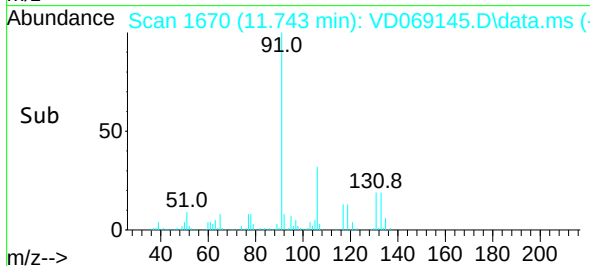
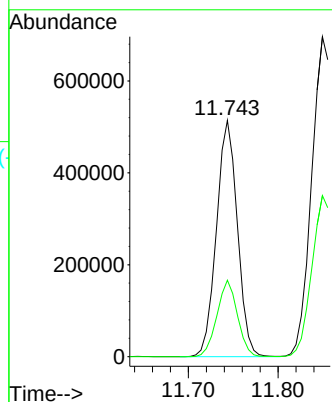
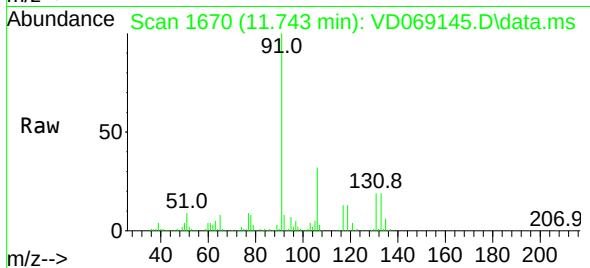
#67
Ethyl Benzene
Concen: 49.64 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 91 Resp: 832207
Ion Ratio Lower Upper
91 100
106 32.3 24.0 36.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

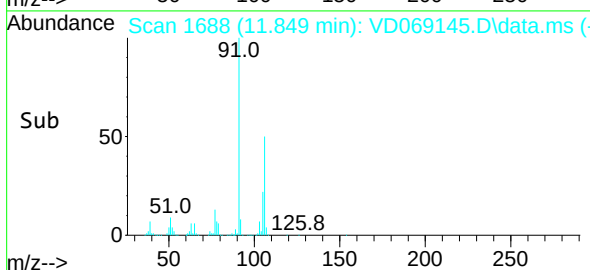
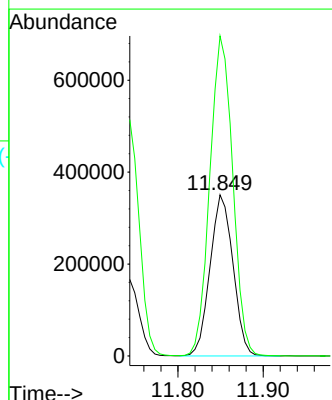
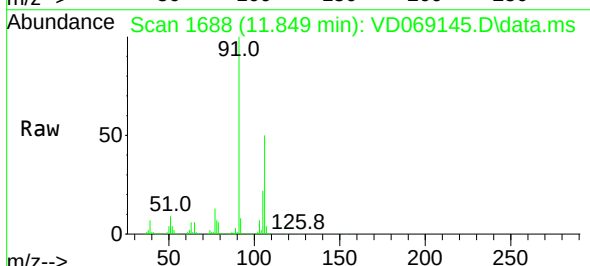
Manual Integrations
APPROVED

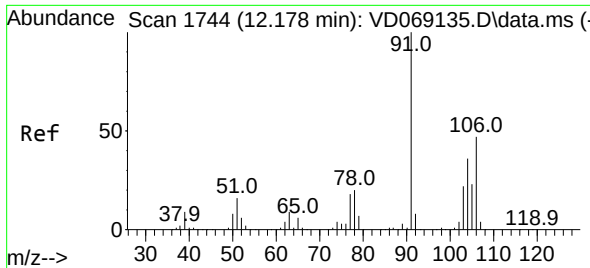
MMDadoda
5/13/2021 4:06:15 PM



#68
m/p-Xylenes
Concen: 99.70 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 106 Resp: 655049
Ion Ratio Lower Upper
106 100
91 198.6 157.3 235.9





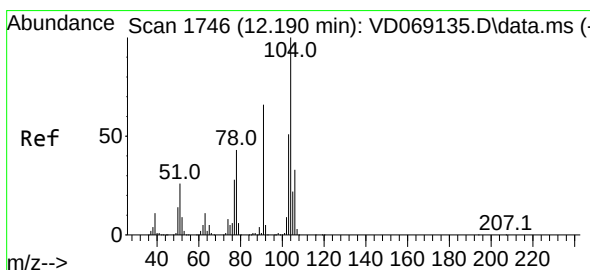
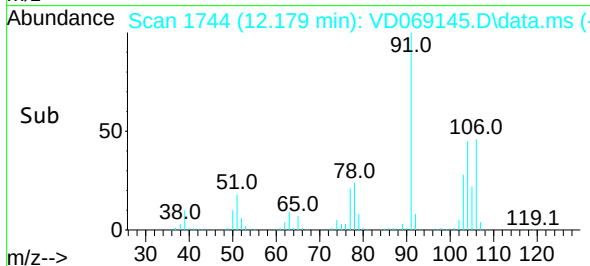
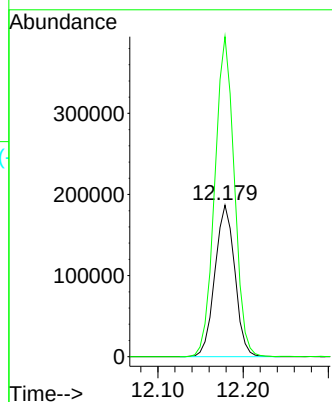
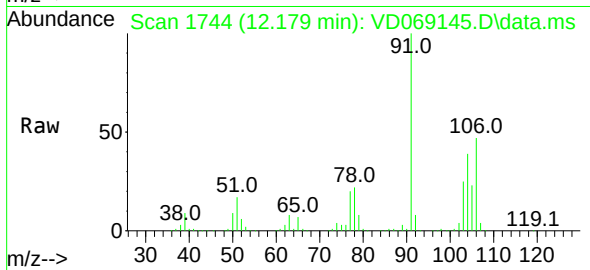
#69
o-Xylene
Concen: 51.83 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 302847
Ion Ratio Lower Upper
106 100
91 207.7 104.8 314.6

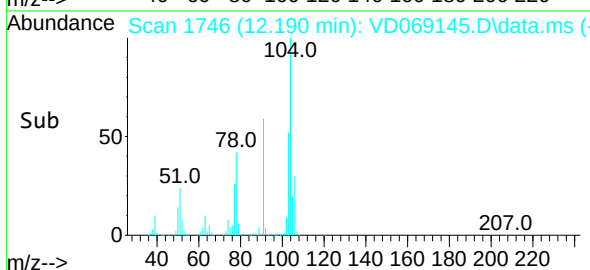
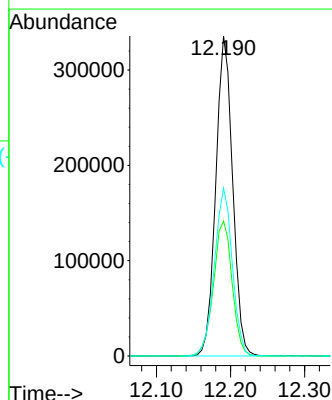
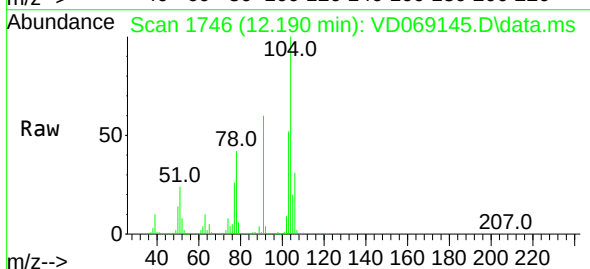
Manual Integrations
APPROVED

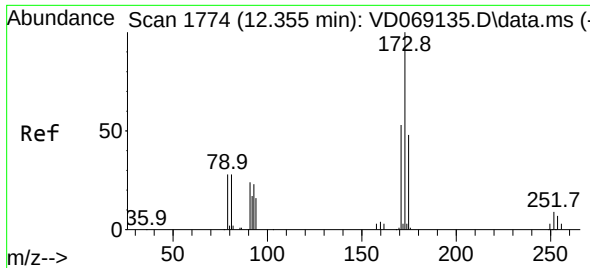
MMDadoda
5/13/2021 4:06:15 PM



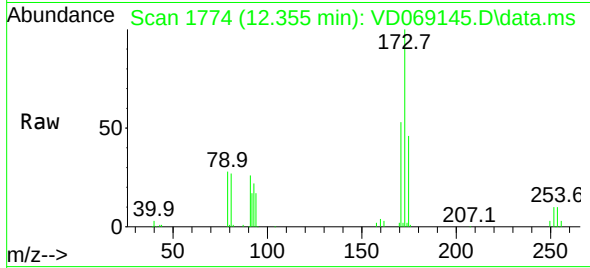
#70
Styrene
Concen: 51.94 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion:104 Resp: 529770
Ion Ratio Lower Upper
104 100
78 46.6 37.8 56.6
103 55.9 44.8 67.2

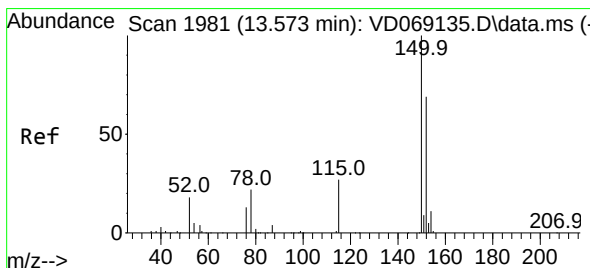
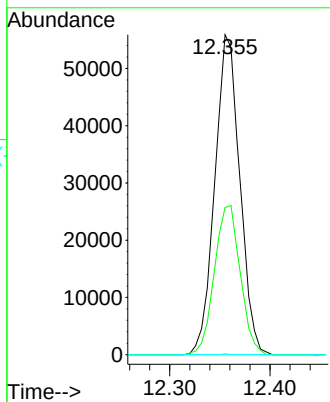
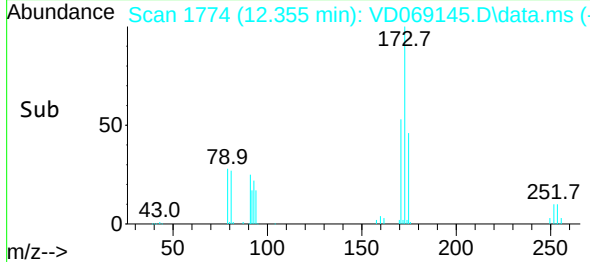




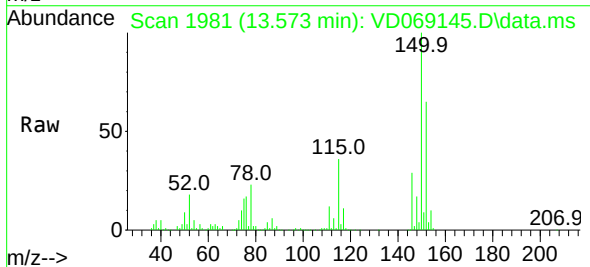
#71
Bromoform
Concen: 50.47 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



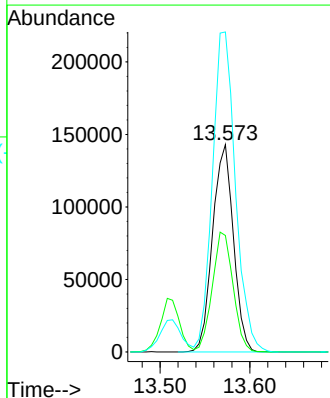
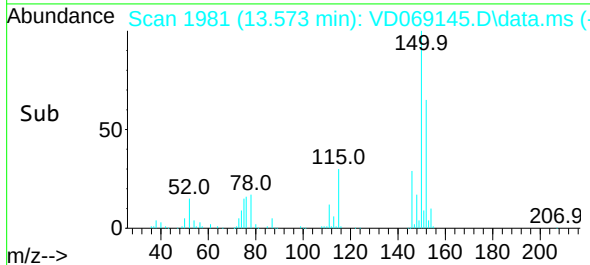
Tgt Ion:173 Resp: 96438
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



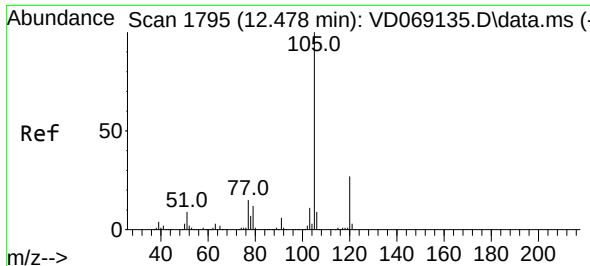
Tgt Ion:152 Resp: 230746
Ion Ratio Lower Upper
152 100
115 57.6 29.9 89.8
150 170.7 0.0 350.2



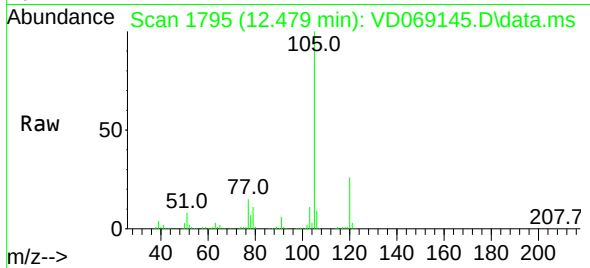
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

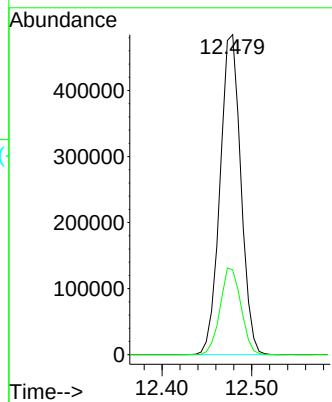
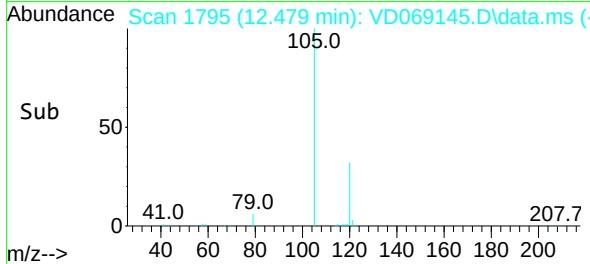
MMDadoda
5/13/2021 4:06:15 PM



#73
Isopropylbenzene
Concen: 48.38 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



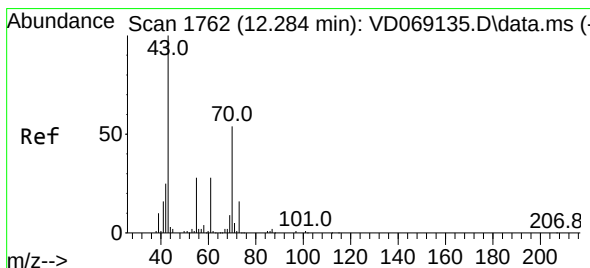
Tgt Ion: 105 Resp: 780266
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



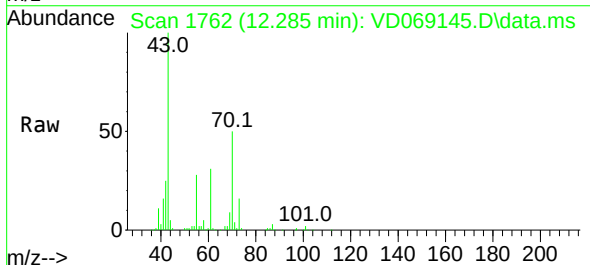
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

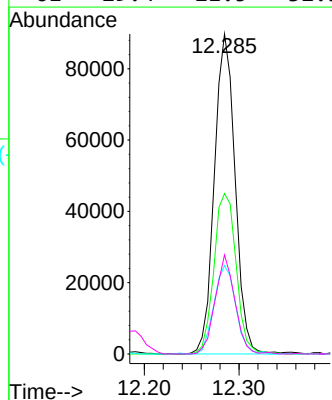
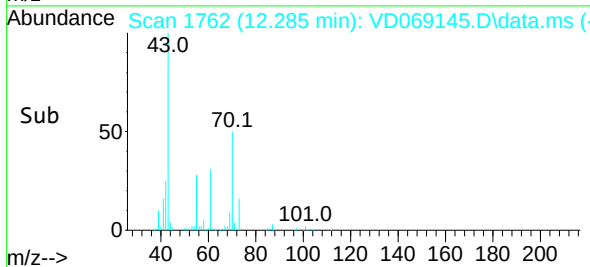
MMDadoda
5/13/2021 4:06:15 PM

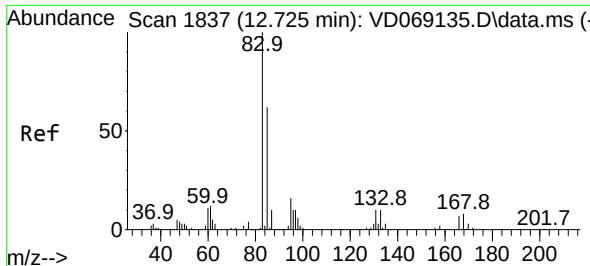


#74
N-ethyl acetate
Concen: 51.78 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



Tgt Ion: 43 Resp: 136572
Ion Ratio Lower Upper
43 100
70 53.7 41.6 62.4
55 29.0 22.6 34.0
61 29.4 21.5 32.3





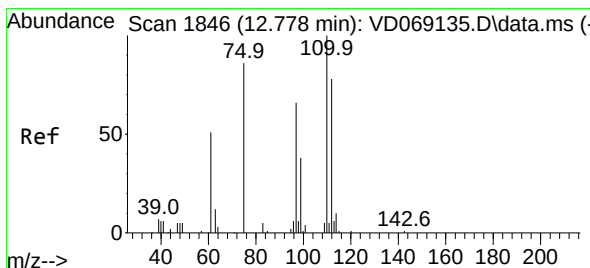
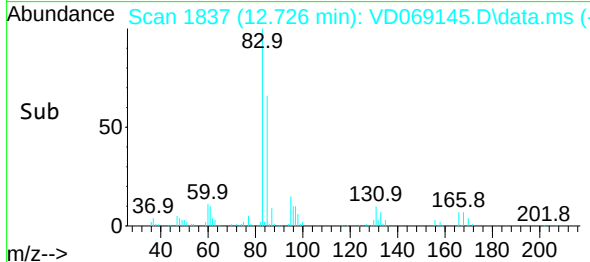
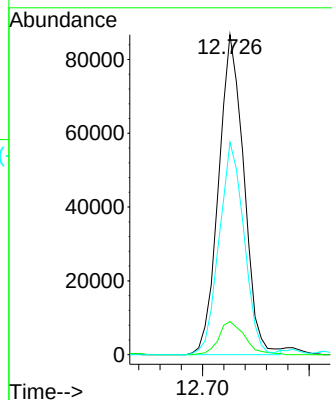
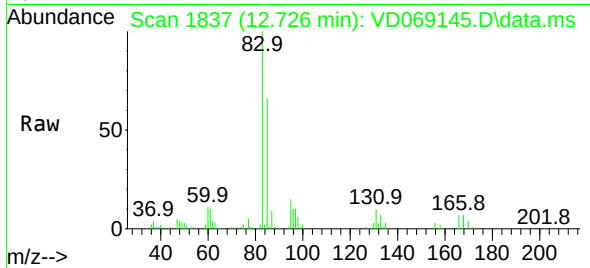
#75
1,1,2,2-Tetrachloroethane
Concen: 48.83 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 83 Resp: 142697
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 65.4 31.9 95.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

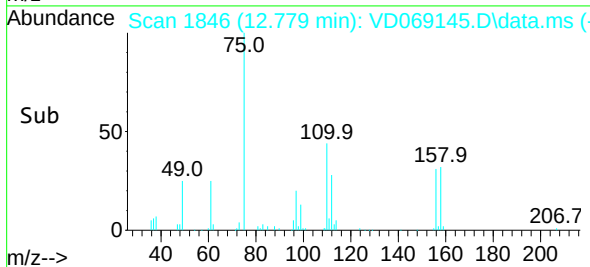
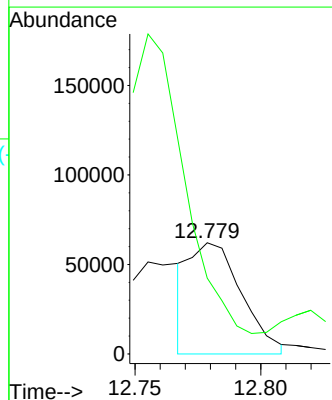
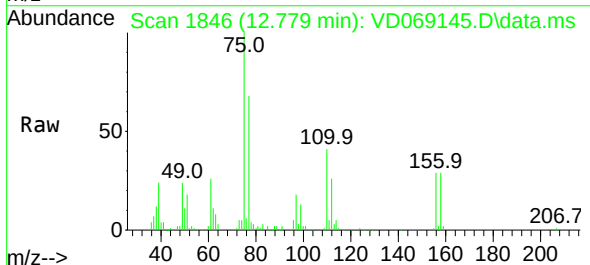
Manual Integrations
APPROVED

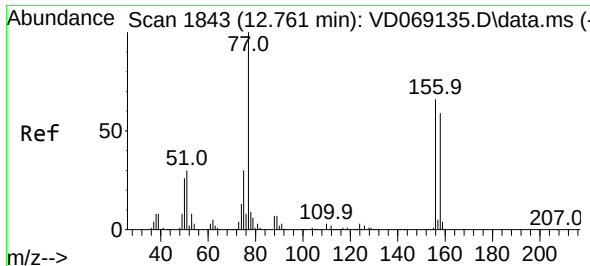
MMDadoda
5/13/2021 4:06:15 PM



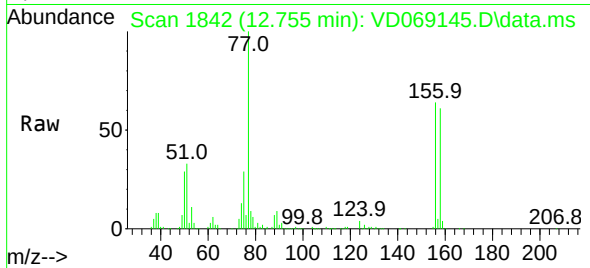
#76
1,2,3-Trichloropropane
Concen: 51.43 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 75 Resp: 89204
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

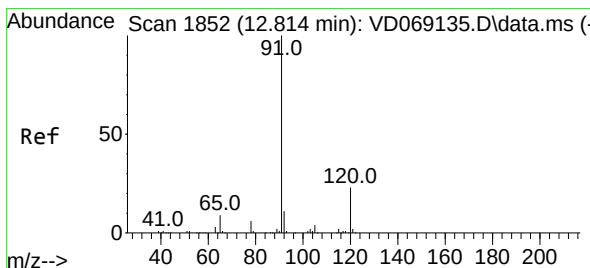
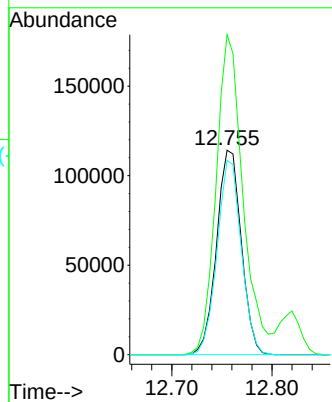
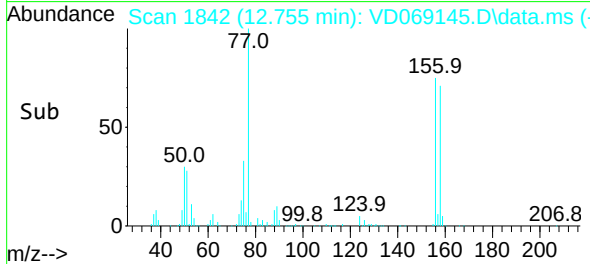




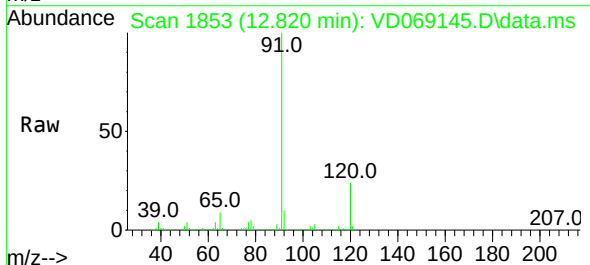
#77
Bromobenzene
Concen: 51.06 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



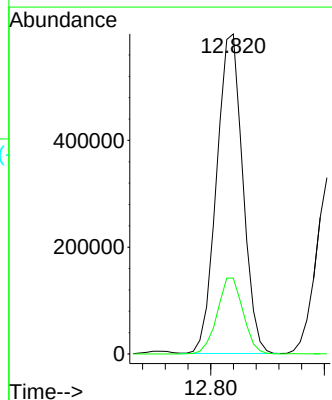
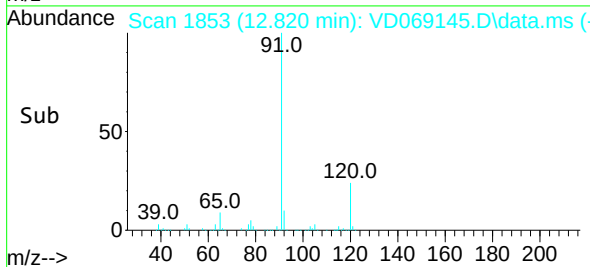
Tgt Ion:156 Resp: 195416
Ion Ratio Lower Upper
156 100
77 169.3 85.8 257.3
158 93.4 47.8 143.4



#78
n-propylbenzene
Concen: 49.19 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



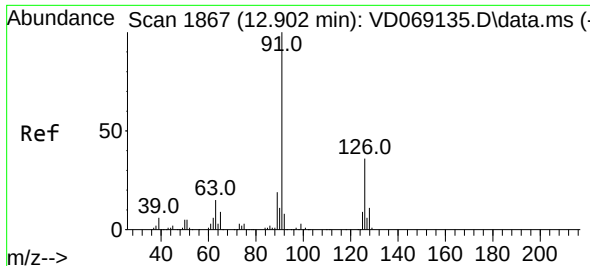
Tgt Ion: 91 Resp: 957216
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:15 PM



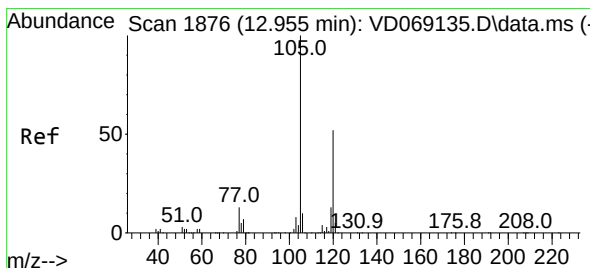
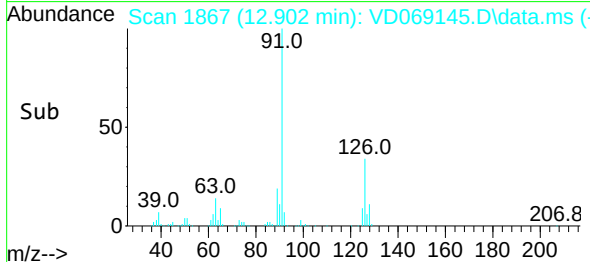
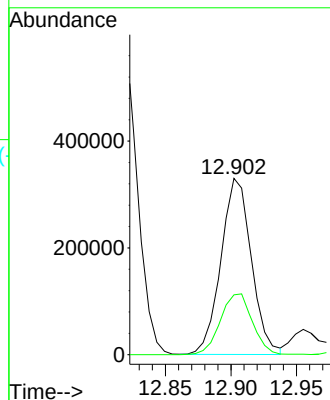
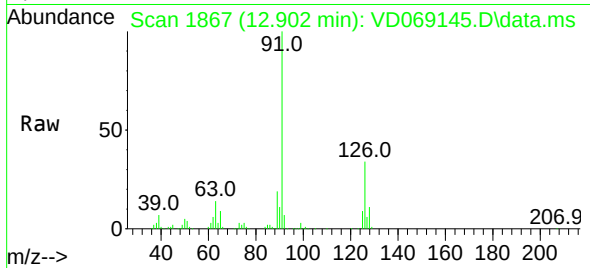
#79
2-Chlorotoluene
Concen: 49.27 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 91 Resp: 533386
Ion Ratio Lower Upper
91 100
126 36.4 18.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

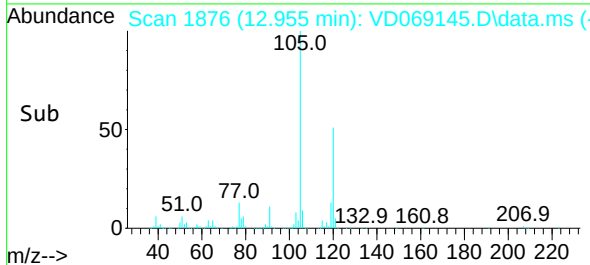
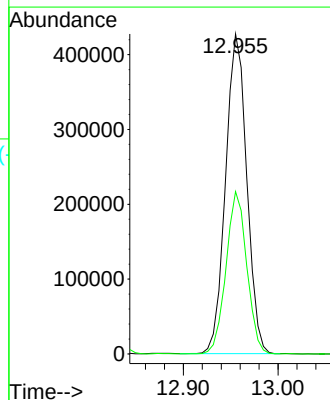
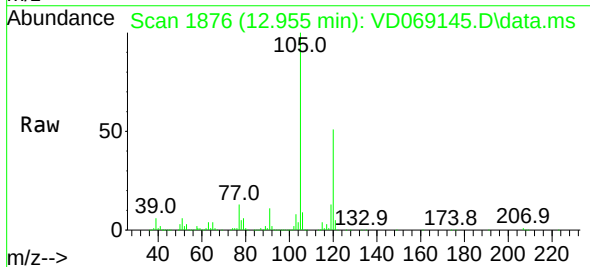
Manual Integrations
APPROVED

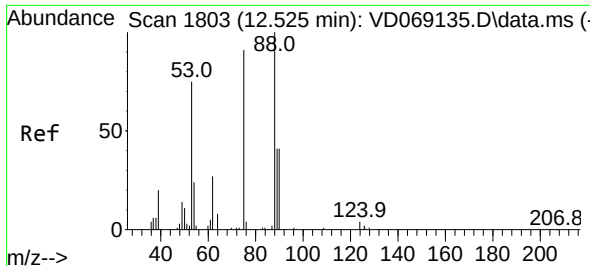
MMDadoda
5/13/2021 4:06:15 PM



#80
1,3,5-Trimethylbenzene
Concen: 49.96 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

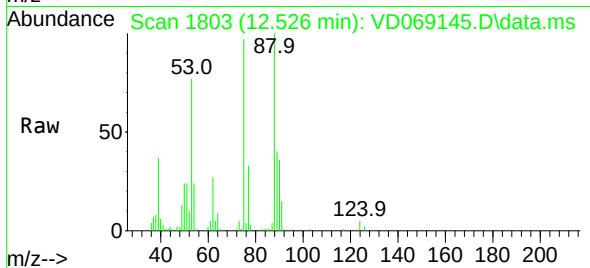
Tgt Ion: 105 Resp: 664351
Ion Ratio Lower Upper
105 100
120 49.8 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 50.81 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

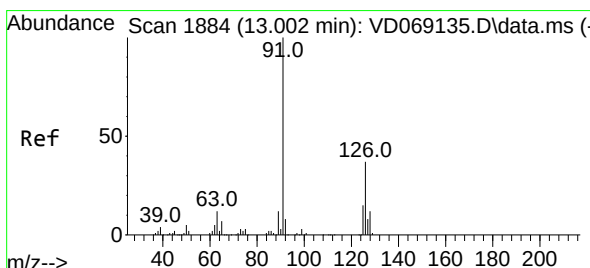
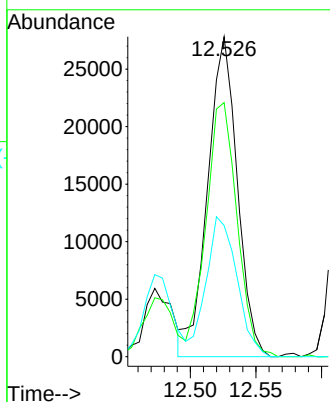
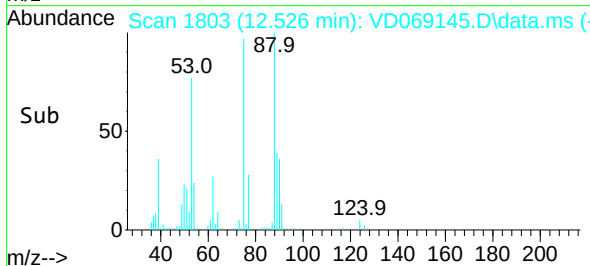
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



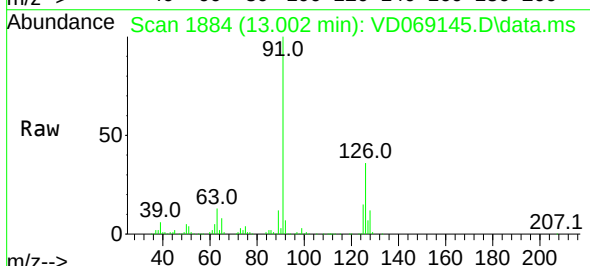
Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.8	70.0	105.0
89	45.6	40.2	60.2

Manual Integrations
APPROVED

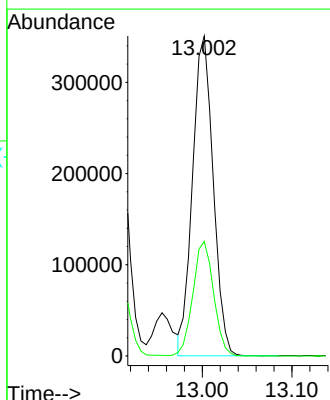
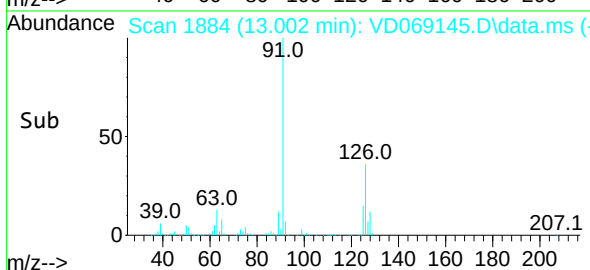
MMDadoda
5/13/2021 4:06:15 PM

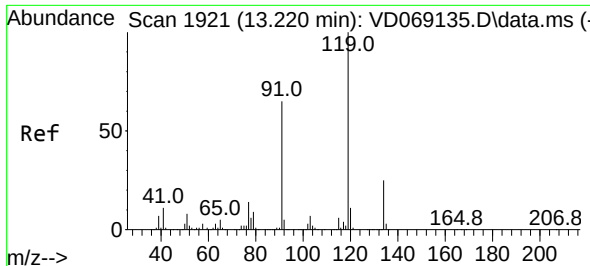


#82
4-Chlorotoluene
Concen: 48.58 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



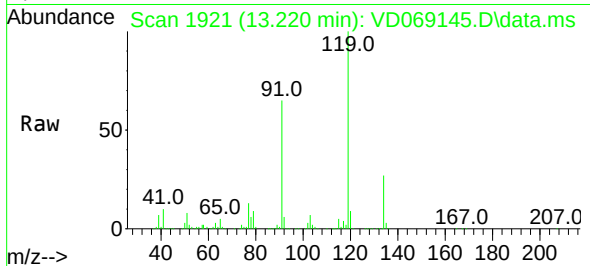
Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.7	53.1





#83
tert-Butylbenzene
Concen: 49.77 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

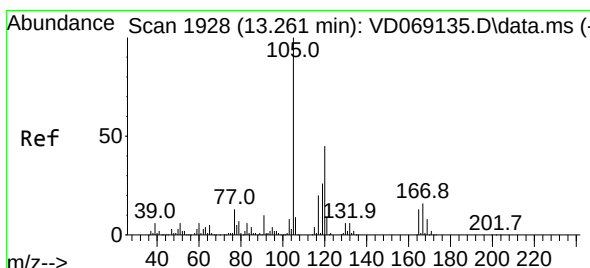
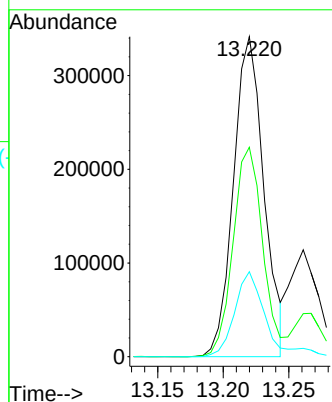
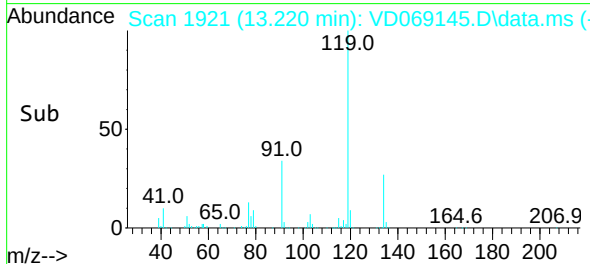
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



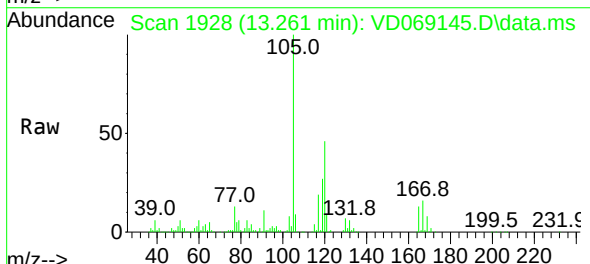
Tgt Ion:119 Resp: 551503
Ion Ratio Lower Upper
119 100
91 63.4 32.5 97.4
134 27.0 13.8 41.3

Manual Integrations
APPROVED

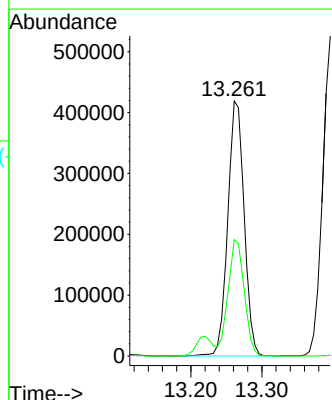
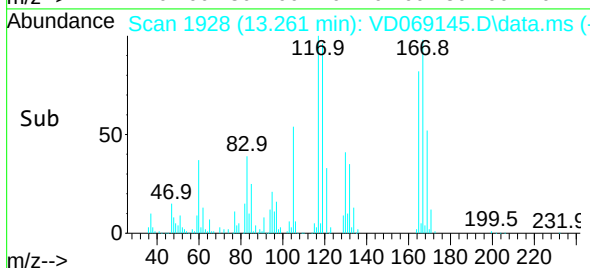
MMDadoda
5/13/2021 4:06:15 PM

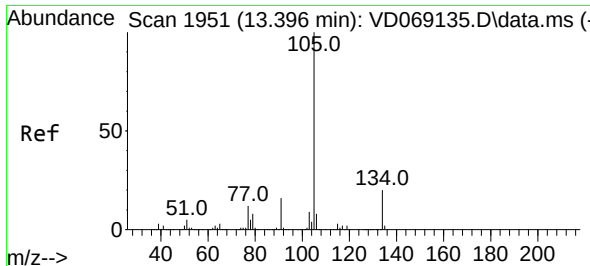


#84
1,2,4-Trimethylbenzene
Concen: 50.12 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



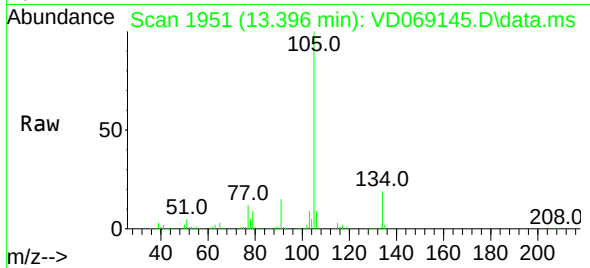
Tgt Ion:105 Resp: 670441
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 48.18 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069145.D
 Acq: 12 May 2021 19:22

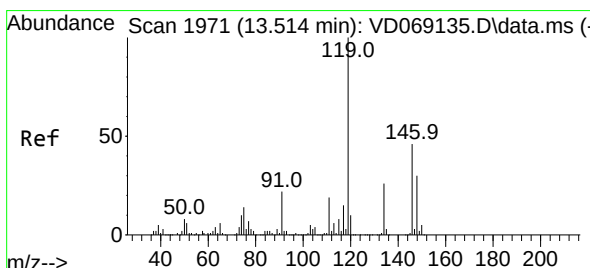
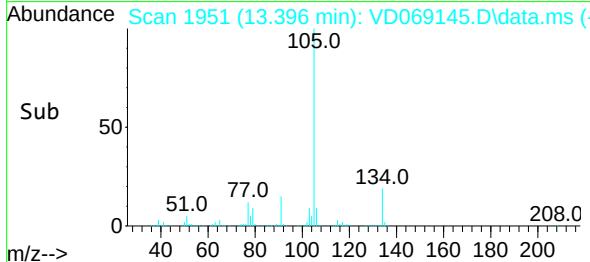
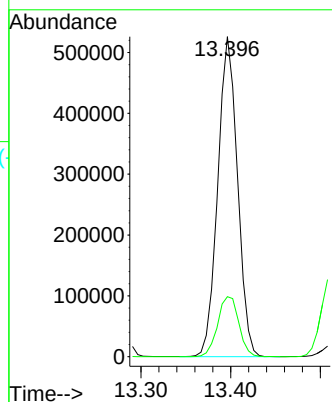
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 802854
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8

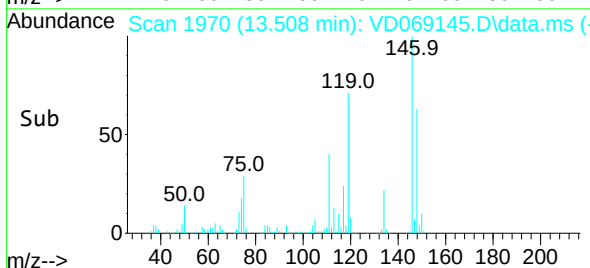
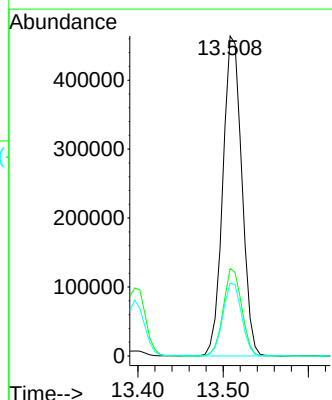
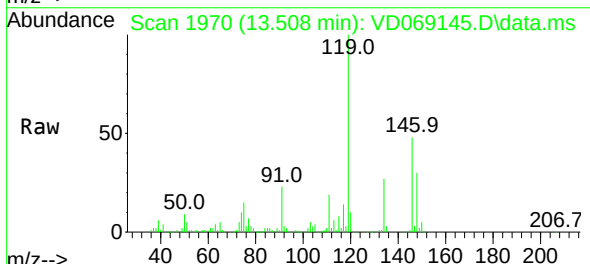
Manual Integrations
 APPROVED

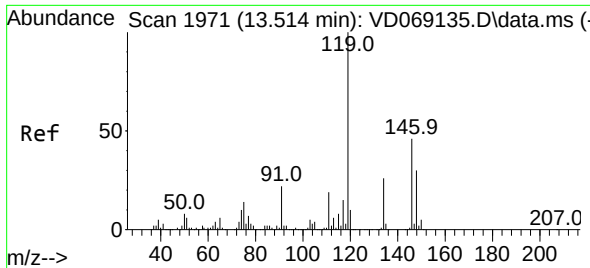
MMDadoda
 5/13/2021 4:06:15 PM



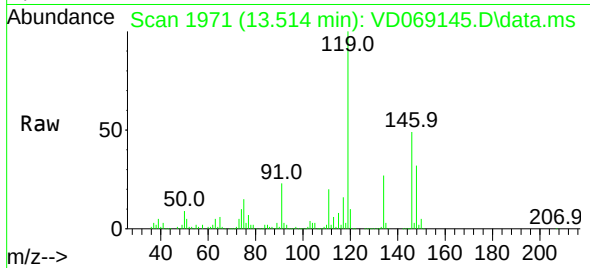
#86
 p-Isopropyltoluene
 Concen: 48.92 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.006 min
 Lab File: VD069145.D
 Acq: 12 May 2021 19:22

Tgt Ion:119 Resp: 716273
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.7 11.3 33.9

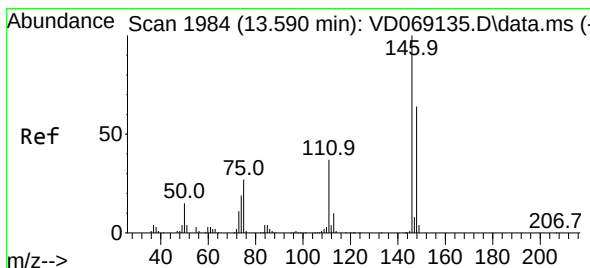
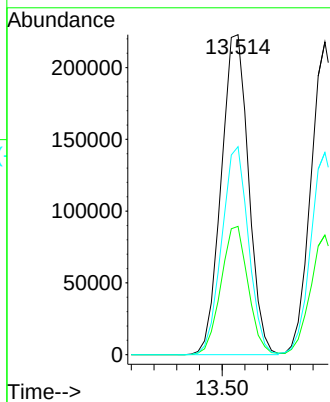
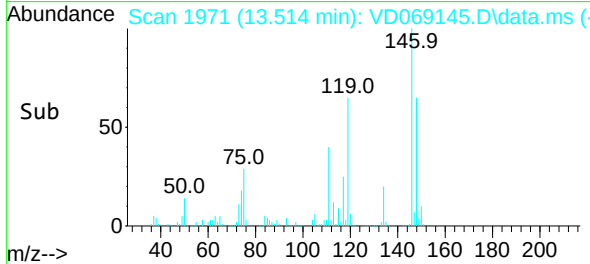




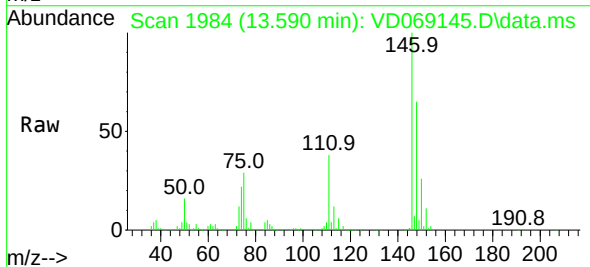
#87
1,3-Dichlorobenzene
Concen: 48.15 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



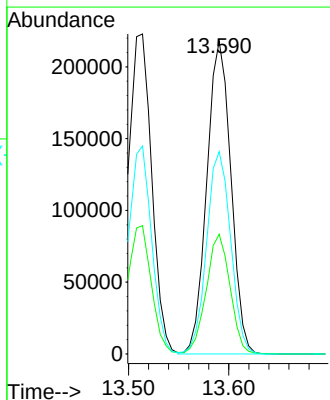
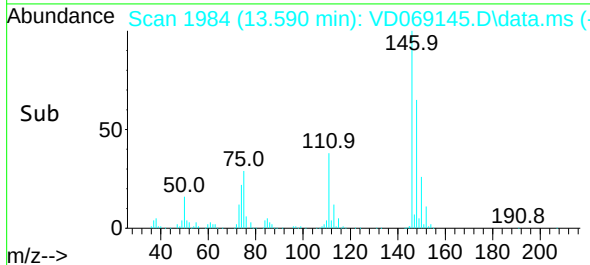
Tgt Ion:146 Resp: 372974
Ion Ratio Lower Upper
146 100
111 39.9 19.9 59.6
148 63.5 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 47.54 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



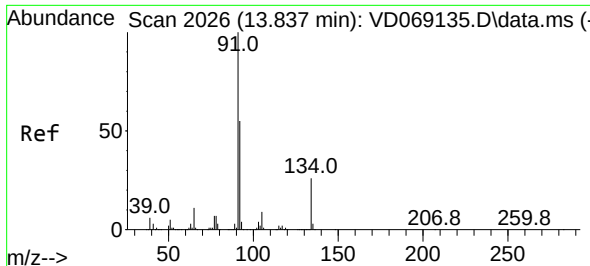
Tgt Ion:146 Resp: 364726
Ion Ratio Lower Upper
146 100
111 37.7 19.4 58.2
148 64.4 32.4 97.0



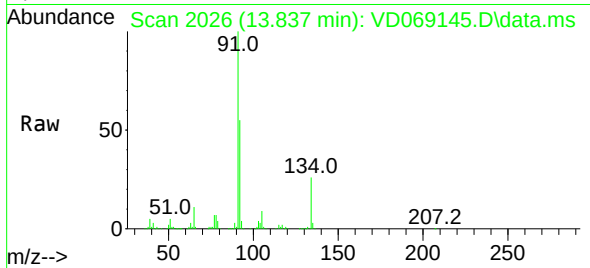
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

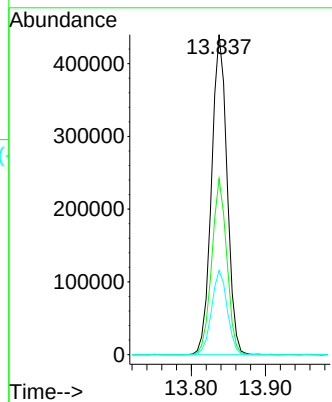
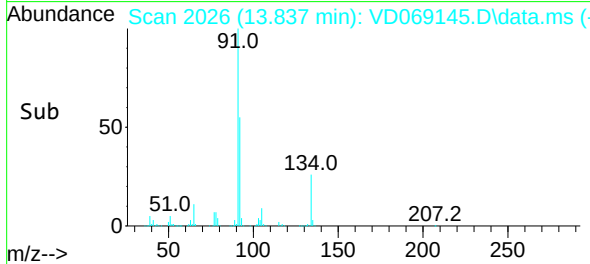
MMDadoda
5/13/2021 4:06:15 PM



#89
n-Butylbenzene
Concen: 46.93 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



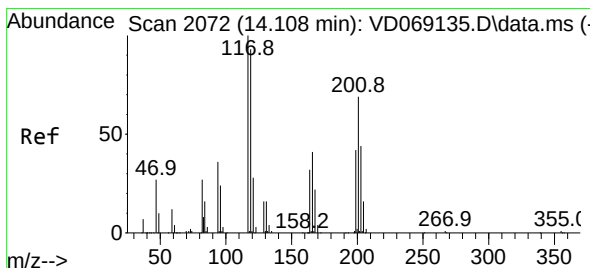
Tgt Ion: 91 Resp: 640145
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 26.4 13.0 39.0



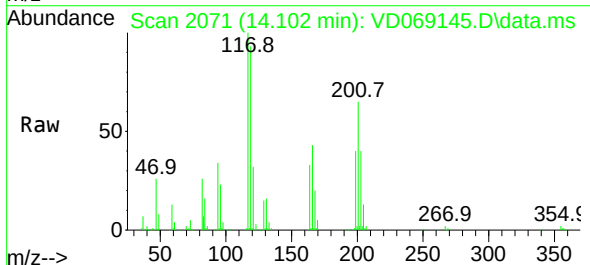
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

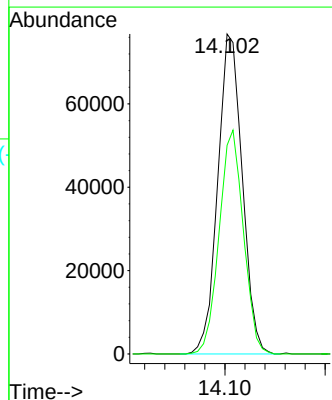
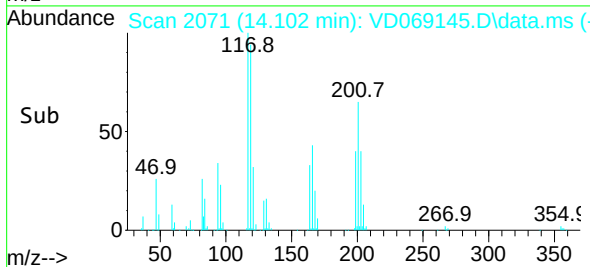
MMDadoda
5/13/2021 4:06:15 PM

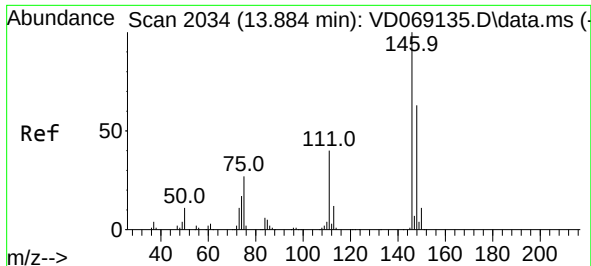


#90
Hexachloroethane
Concen: 47.39 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



Tgt Ion: 117 Resp: 130020
Ion Ratio Lower Upper
117 100
201 69.2 35.4 106.1





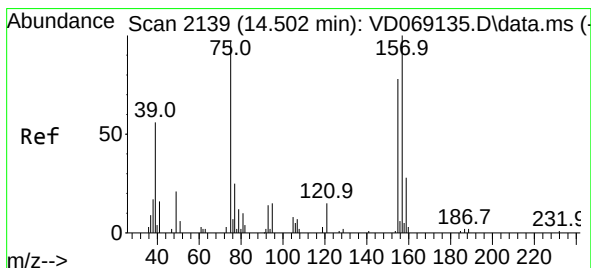
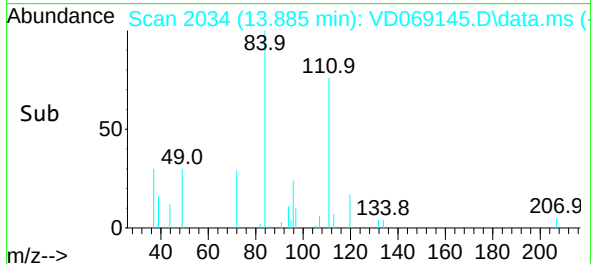
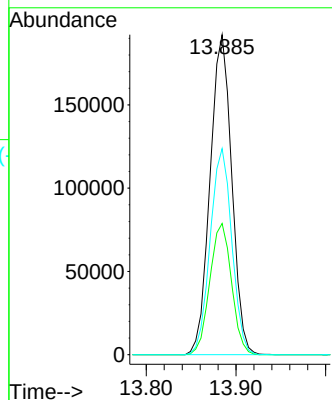
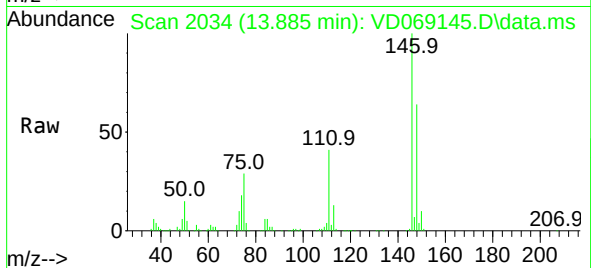
#91
1,2-Dichlorobenzene
Concen: 48.39 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion:146 Resp: 321894
Ion Ratio Lower Upper
146 100
111 41.0 20.3 61.0
148 64.4 31.3 93.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

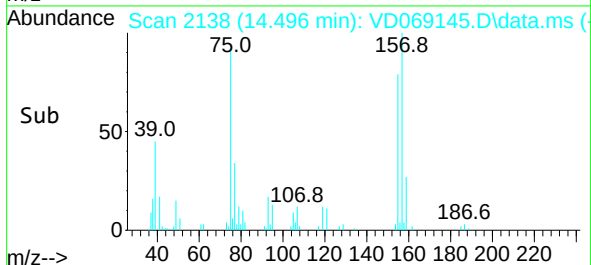
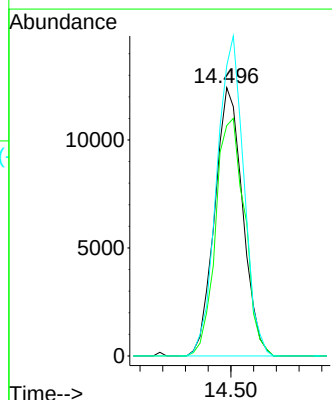
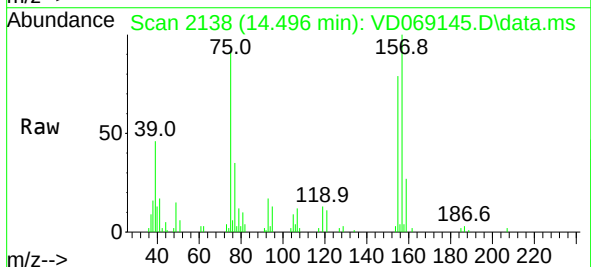
Manual Integrations
APPROVED

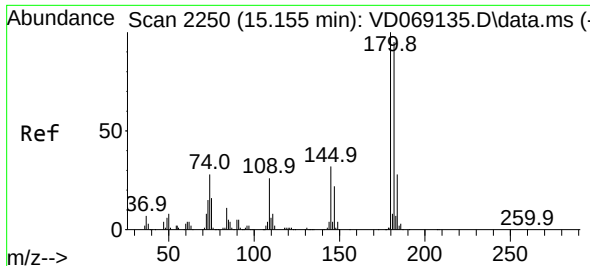
MMDadoda
5/13/2021 4:06:15 PM



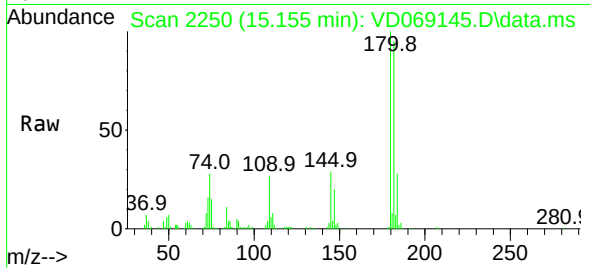
#92
1,2-Dibromo-3-Chloropropane
Concen: 46.87 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.006 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22

Tgt Ion: 75 Resp: 21263
Ion Ratio Lower Upper
75 100
155 91.5 43.9 131.7
157 114.5 54.9 164.7

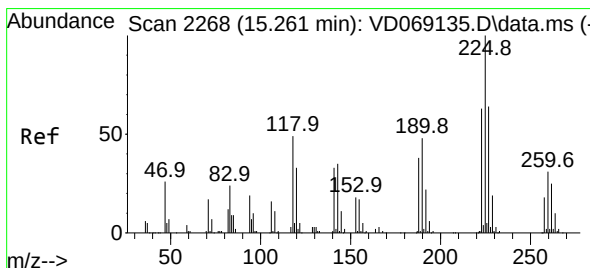
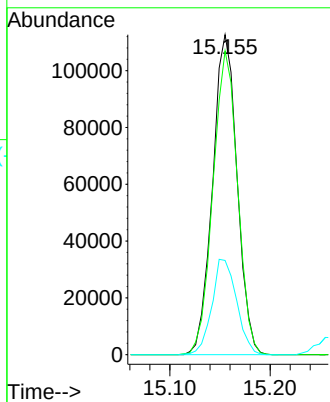
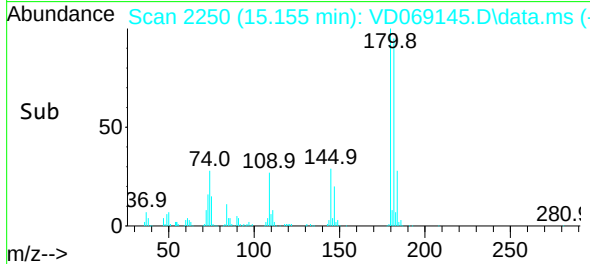




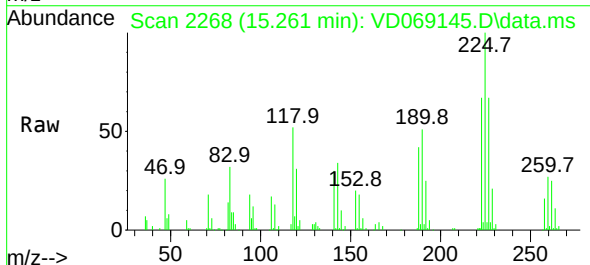
#93
1,2,4-Trichlorobenzene
Concen: 46.82 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



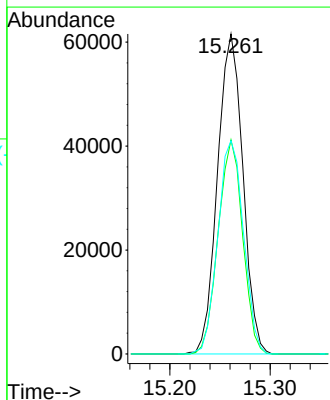
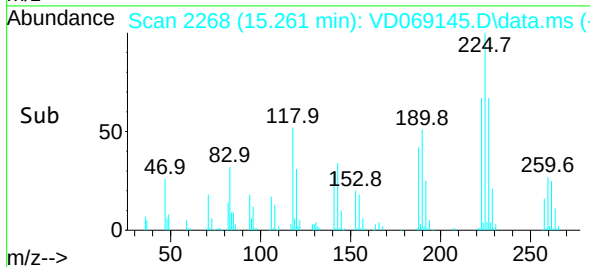
Tgt Ion:180 Resp: 190874
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 30.2 15.6 46.8



#94
Hexachlorobutadiene
Concen: 44.14 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



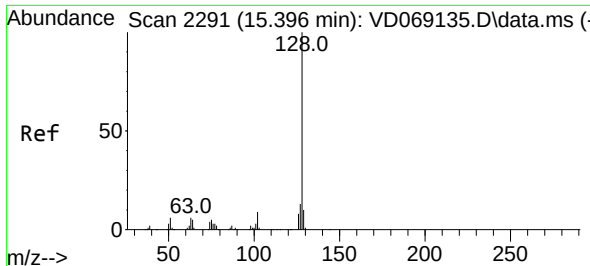
Tgt Ion:225 Resp: 107993
Ion Ratio Lower Upper
225 100
223 64.6 31.1 93.5
227 67.6 31.6 95.0



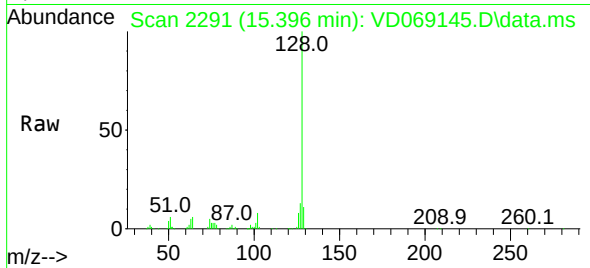
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

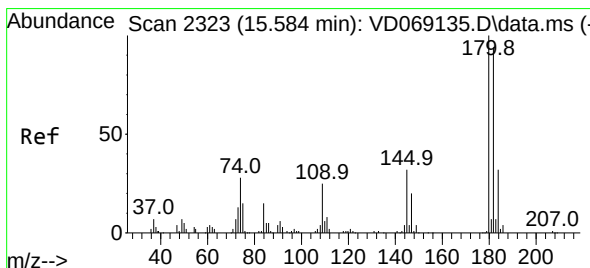
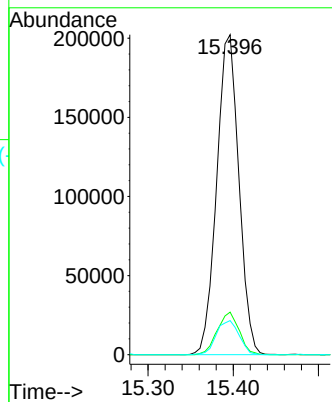
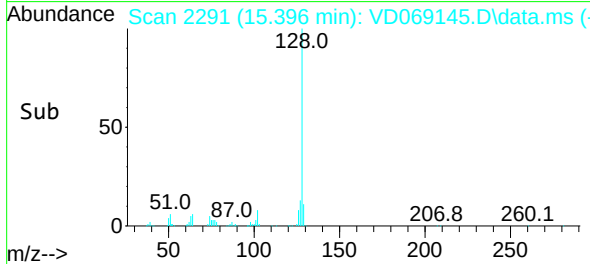
MMDadoda
5/13/2021 4:06:15 PM



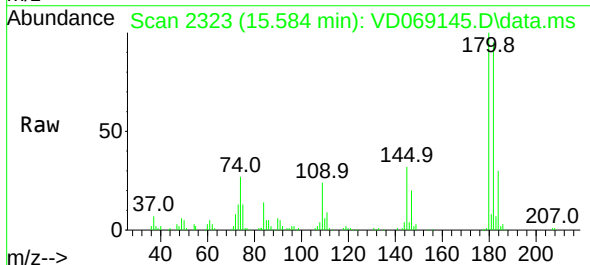
#95
Naphthalene
Concen: 48.44 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



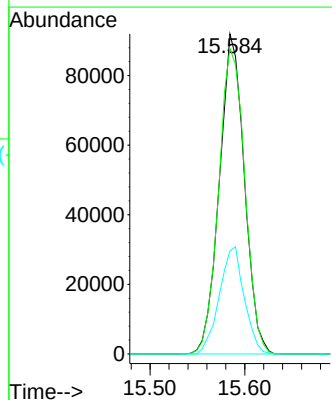
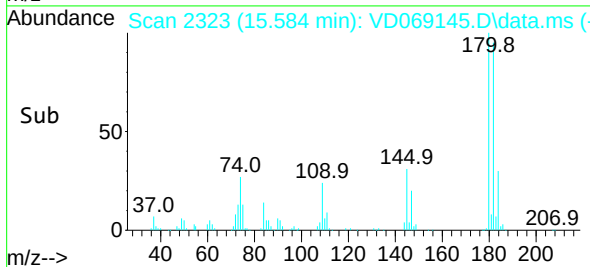
Tgt Ion:128 Resp: 365271
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.24 ug/l
RT: 15.584 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VD069145.D
Acq: 12 May 2021 19:22



Tgt Ion:180 Resp: 168240
Ion Ratio Lower Upper
180 100
182 100.0 47.8 143.4
145 33.4 16.1 48.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:15 PM