

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069188.D
 Acq On : 19 May 2021 10:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:59:36 PM

Quant Time: May 20 00:58:26 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	316118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	496976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	464493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	234257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	149139	47.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.12%		
35) Dibromofluoromethane	7.914	113	160265	49.55	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.10%		
50) Toluene-d8	10.338	98	607194	51.10	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.20%		
62) 4-Bromofluorobenzene	12.626	95	193397	50.58	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.16%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	154348	45.92	ug/l	96
3) Chloromethane	2.209	50	172306	44.61	ug/l	98
4) Vinyl Chloride	2.350	62	232354	45.64	ug/l	99
5) Bromomethane	2.767	94	167095	43.63	ug/l	98
6) Chloroethane	2.920	64	160286	48.94	ug/l	98
7) Trichlorofluoromethane	3.273	101	285111	45.90	ug/l	98
8) Diethyl Ether	3.714	74	67726	47.76	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	166705	47.36	ug/l	98
10) Methyl Iodide	4.303	142	149033	40.85	ug/l	99
11) Tert butyl alcohol	5.226	59	40057	242.03	ug/l	99
12) 1,1-Dichloroethene	4.067	96	148780	47.04	ug/l	95
13) Acrolein	3.920	56	68053	263.93	ug/l	98
14) Allyl chloride	4.714	41	165818	47.79	ug/l	97
15) Acrylonitrile	5.420	53	122161	230.82	ug/l	99
16) Acetone	4.162	43	135682	279.55	ug/l	91
17) Carbon Disulfide	4.409	76	479549	45.74	ug/l	100
18) Methyl Acetate	4.714	43	55134	46.75	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	283166	49.34	ug/l	98
20) Methylene Chloride	4.967	84	177866	43.94	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	179146	47.77	ug/l	97
22) Diisopropyl ether	6.361	45	338614	48.87	ug/l	98
23) Vinyl Acetate	6.303	43	1017699	248.87	ug/l	100
24) 1,1-Dichloroethane	6.261	63	282847	47.25	ug/l	98
25) 2-Butanone	7.208	43	162716	247.40	ug/l	91
26) 2,2-Dichloropropane	7.208	77	267661	47.81	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	188833	46.38	ug/l	99
28) Bromochloromethane	7.550	49	101890	47.75	ug/l	100
29) Tetrahydrofuran	7.561	42	85600	239.42	ug/l	97
30) Chloroform	7.708	83	314797	46.71	ug/l	93
31) Cyclohexane	7.979	56	220866	47.03	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	293175	47.95	ug/l	100
36) 1,1-Dichloropropene	8.114	75	242931	50.28	ug/l	98
37) Ethyl Acetate	7.291	43	72673	46.81	ug/l	98
38) Carbon Tetrachloride	8.097	117	260209	48.18	ug/l	93
39) Methylcyclohexane	9.355	83	266239	52.24	ug/l	96
40) Benzene	8.350	78	678523	49.02	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069188.D
 Acq On : 19 May 2021 10:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:59:36 PM

Quant Time: May 20 00:58:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	41253	49.92	ug/l #	89
42) 1,2-Dichloroethane	8.426	62	181038	47.90	ug/l	99
43) Isopropyl Acetate	8.450	43	137225	48.68	ug/l	98
44) Trichloroethene	9.114	130	193462	50.01	ug/l	98
45) 1,2-Dichloropropane	9.385	63	164587	50.38	ug/l	98
46) Dibromomethane	9.473	93	92271	47.25	ug/l	100
47) Bromodichloromethane	9.661	83	240514	48.40	ug/l	97
48) Methyl methacrylate	9.455	41	67267	51.60	ug/l	96
49) 1,4-Dioxane	9.461	88	19709	1034.71	ug/l #	91
51) 4-Methyl-2-Pentanone	10.226	43	364525	251.33	ug/l	99
52) Toluene	10.402	92	446119	49.94	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	213205	48.82	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	252443	48.36	ug/l	95
55) 1,1,2-Trichloroethane	10.796	97	127668	48.50	ug/l	98
56) Ethyl methacrylate	10.661	69	131997	46.08	ug/l	97
57) 1,3-Dichloropropane	10.944	76	213181	50.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	360366	276.57	ug/l	100
59) 2-Hexanone	10.979	43	265539	274.36	ug/l	99
60) Dibromochloromethane	11.138	129	165464	48.95	ug/l	99
61) 1,2-Dibromoethane	11.243	107	122083	46.93	ug/l	98
64) Tetrachloroethene	10.873	164	155972	48.32	ug/l	96
65) Chlorobenzene	11.667	112	472643	49.10	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	176057	48.49	ug/l	99
67) Ethyl Benzene	11.743	91	861690	52.01	ug/l	97
68) m/p-Xylenes	11.849	106	676744	104.23	ug/l	99
69) o-Xylene	12.179	106	305755	52.95	ug/l	99
70) Styrene	12.191	104	535271	53.11	ug/l	98
71) Bromoform	12.355	173	93493	49.51	ug/l #	99
73) Isopropylbenzene	12.473	105	838884	51.24	ug/l	100
74) N-amyl acetate	12.285	43	131218	49.00	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	139000	46.85	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	86976m	49.39	ug/l	
77) Bromobenzene	12.755	156	186105	47.90	ug/l	98
78) n-propylbenzene	12.814	91	1009835	51.12	ug/l	99
79) 2-Chlorotoluene	12.902	91	547362	49.80	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	717542	53.15	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	41476	47.58	ug/l	96
82) 4-Chlorotoluene	13.002	91	573479	48.97	ug/l	100
83) tert-Butylbenzene	13.220	119	586045	52.10	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	709395	52.23	ug/l	99
85) sec-Butylbenzene	13.396	105	865023	51.14	ug/l	99
86) p-Isopropyltoluene	13.508	119	758530	51.03	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	387730	49.31	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	376412	48.33	ug/l	99
89) n-Butylbenzene	13.837	91	853222	61.61	ug/l	99
90) Hexachloroethane	14.102	117	139453	50.07	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	378955	56.12	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	26410	57.35	ug/l	96
93) 1,2,4-Trichlorobenzene	15.155	180	228919	55.32	ug/l	99
94) Hexachlorobutadiene	15.261	225	149444	60.17	ug/l	99
95) Naphthalene	15.390	128	453188	58.74	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	224085	63.29	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
Data File : VD069188.D
Acq On : 19 May 2021 10:55
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

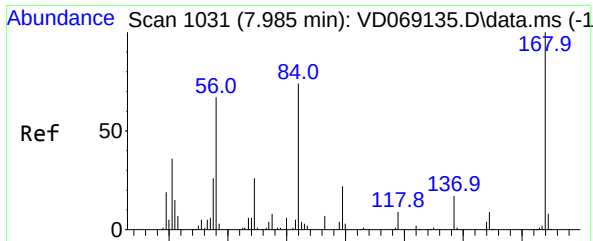
Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:59:36 PM

Quant Time: May 20 00:58:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

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

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



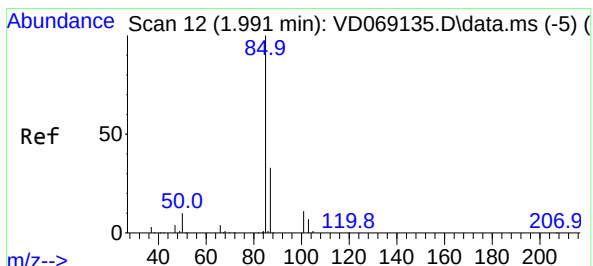
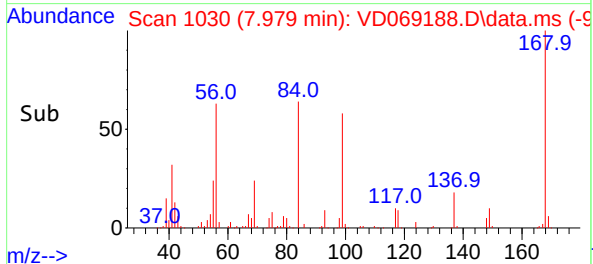
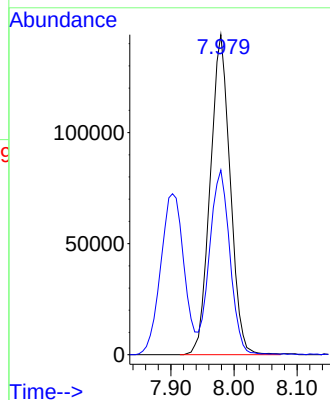
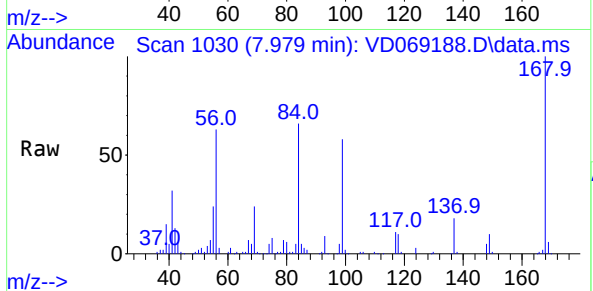
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 168 Resp: 316118
Ion Ratio Lower Upper
168 100
99 57.5 47.2 70.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

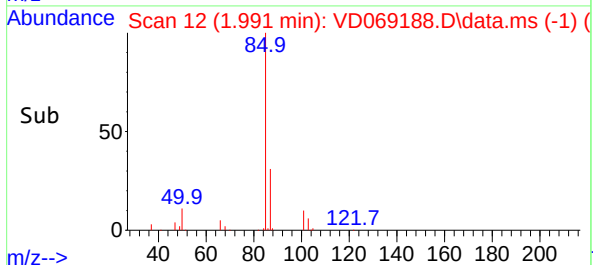
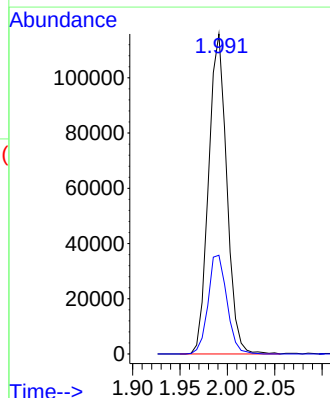
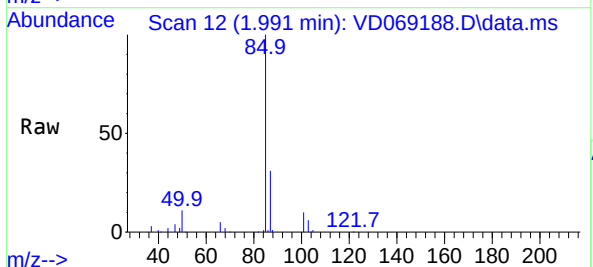
Manual Integrations
APPROVED

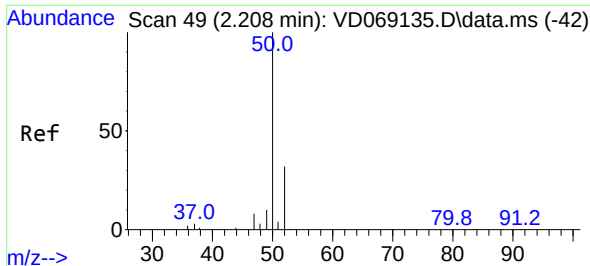
MMDadoda
5/20/2021 5:59:36 PM



#2
Dichlorodifluoromethane
Concen: 45.92 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 85 Resp: 154348
Ion Ratio Lower Upper
85 100
87 30.9 16.5 49.5





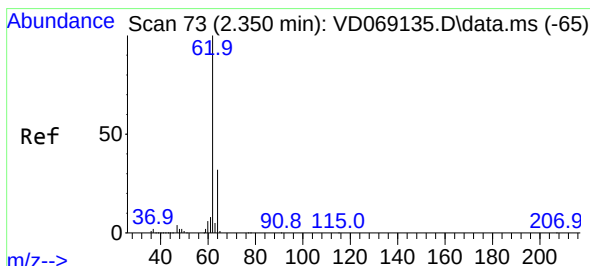
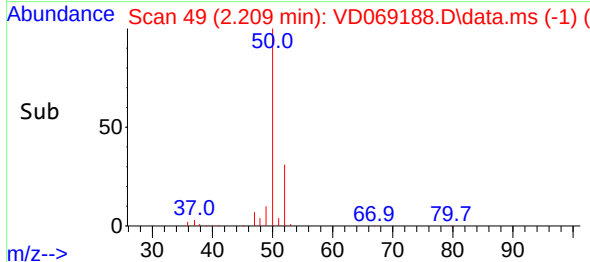
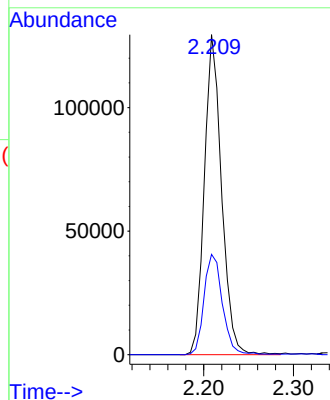
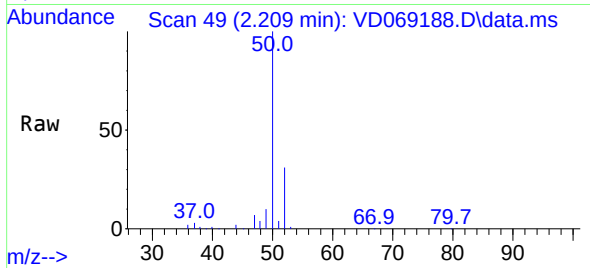
#3
Chloromethane
Concen: 44.61 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 50 Resp: 172306
Ion Ratio Lower Upper
50 100
52 31.3 25.8 38.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

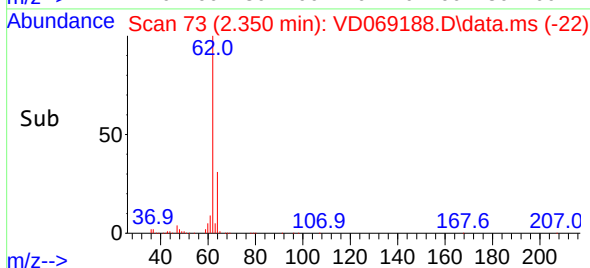
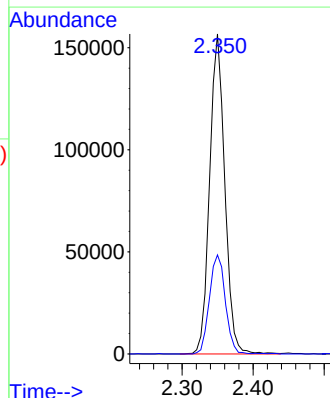
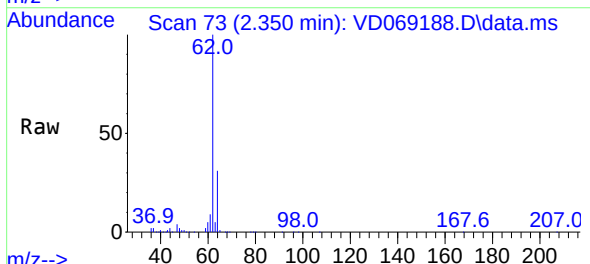
Manual Integrations
APPROVED

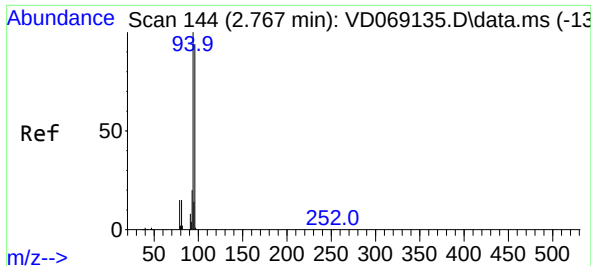
MMDadoda
5/20/2021 5:59:36 PM



#4
Vinyl Chloride
Concen: 45.64 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 62 Resp: 232354
Ion Ratio Lower Upper
62 100
64 30.9 25.3 37.9





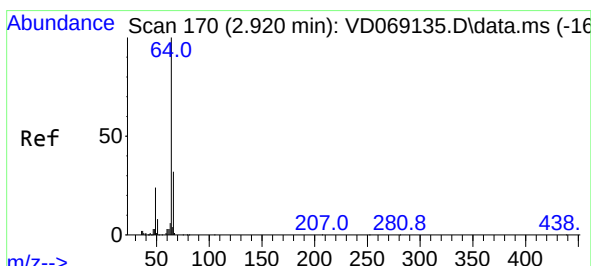
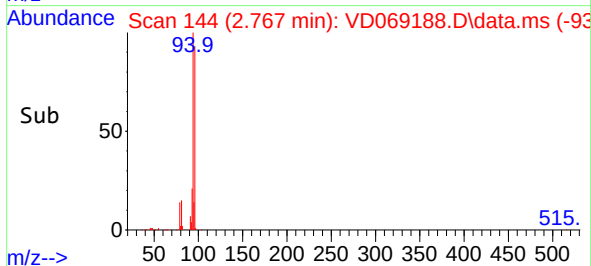
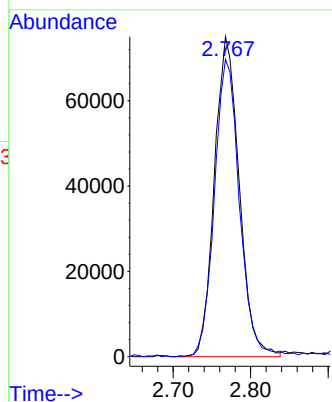
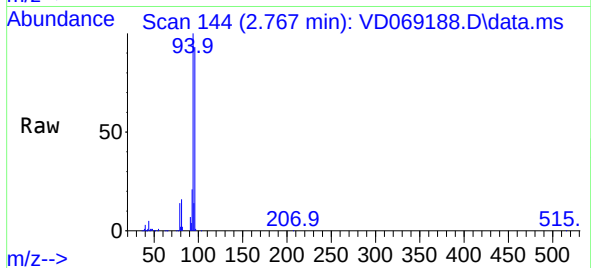
#5
Bromomethane
Concen: 43.63 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 94 Resp: 167095
Ion Ratio Lower Upper
94 100
96 92.7 75.4 113.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

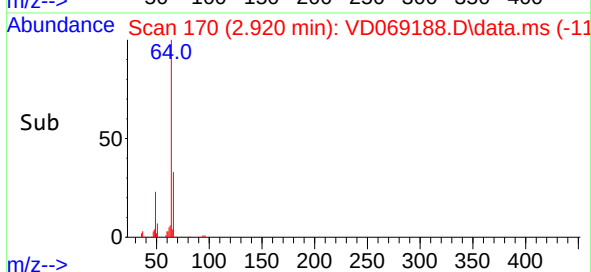
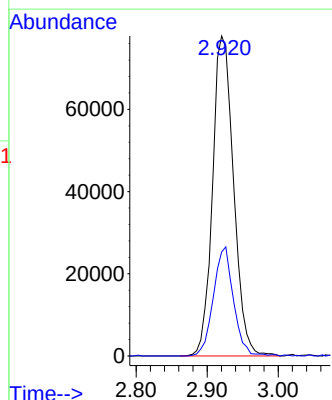
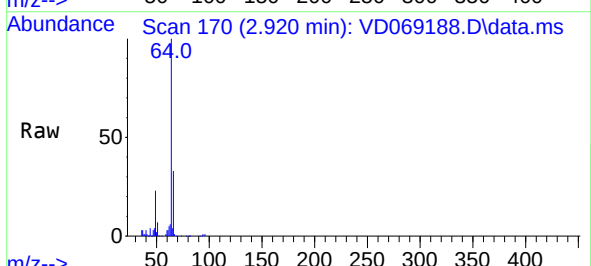
Manual Integrations
APPROVED

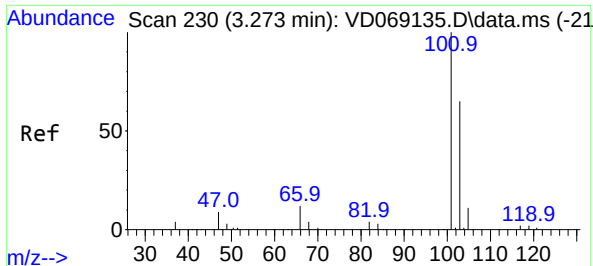
MMDadoda
5/20/2021 5:59:36 PM



#6
Chloroethane
Concen: 48.94 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 64 Resp: 160286
Ion Ratio Lower Upper
64 100
66 32.5 25.2 37.8





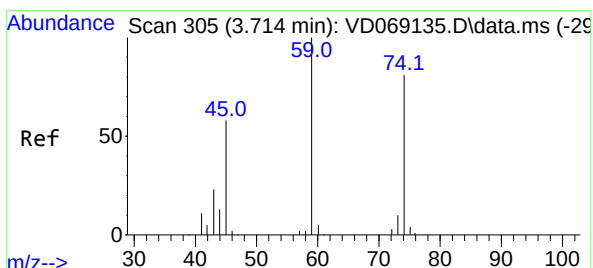
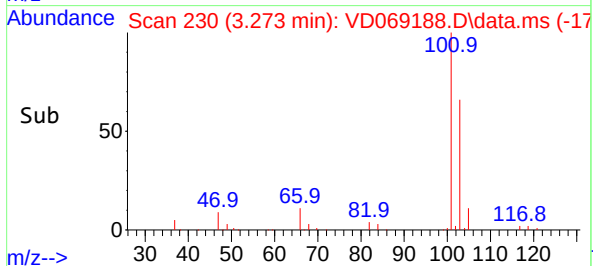
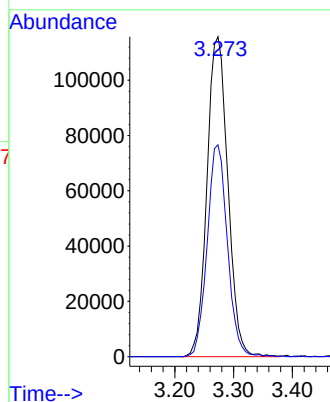
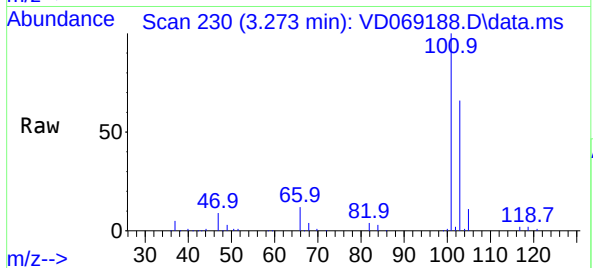
#7
Trichlorofluoromethane
Concen: 45.90 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion:101 Resp: 285111
Ion Ratio Lower Upper
101 100
103 66.2 51.9 77.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

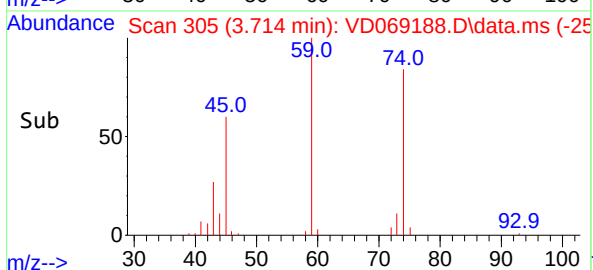
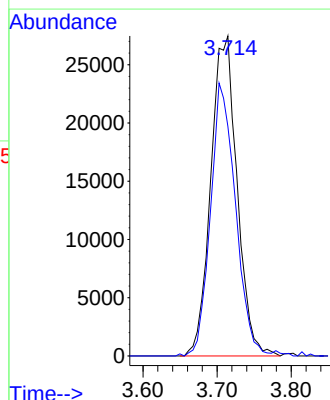
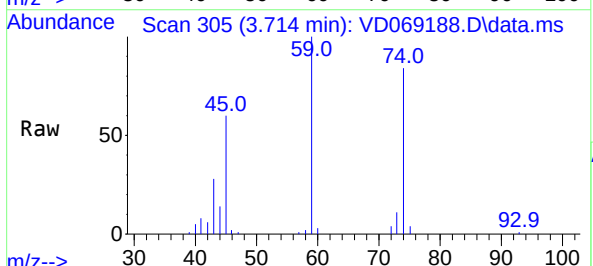
Manual Integrations
APPROVED

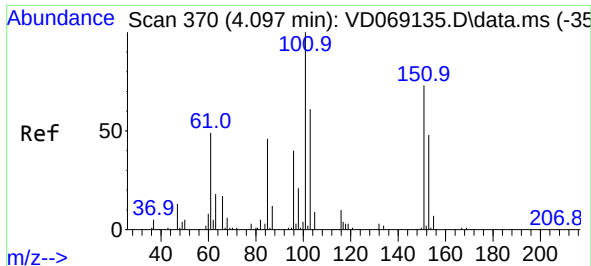
MMDadoda
5/20/2021 5:59:36 PM



#8
Diethyl Ether
Concen: 47.76 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

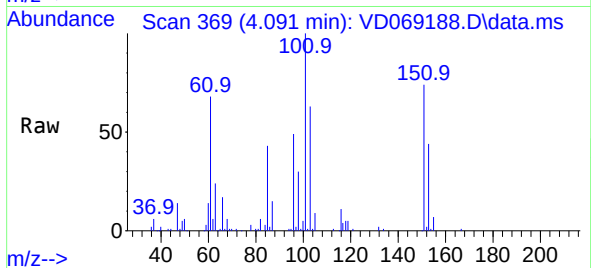
Tgt Ion: 74 Resp: 67726
Ion Ratio Lower Upper
74 100
45 81.0 38.1 114.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.36 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

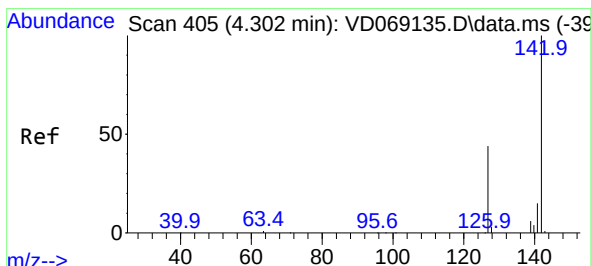
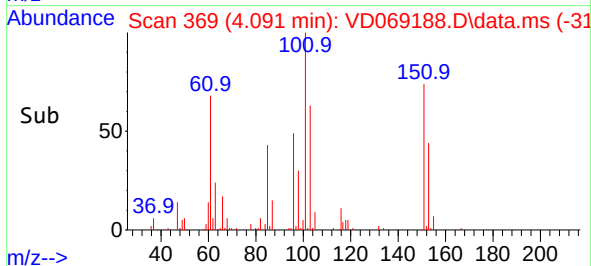
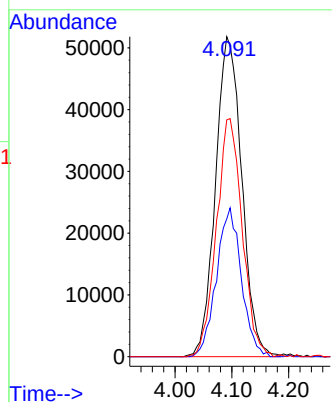
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



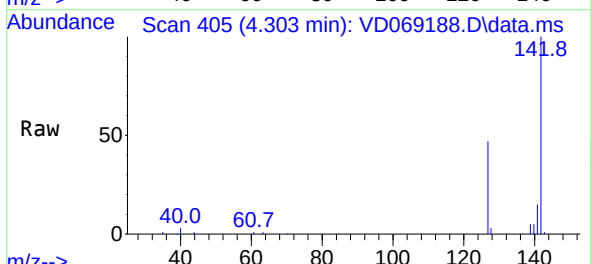
Tgt Ion:101 Resp: 166705
Ion Ratio Lower Upper
101 100
85 44.0 35.2 52.8
151 73.0 60.6 91.0

Manual Integrations
APPROVED

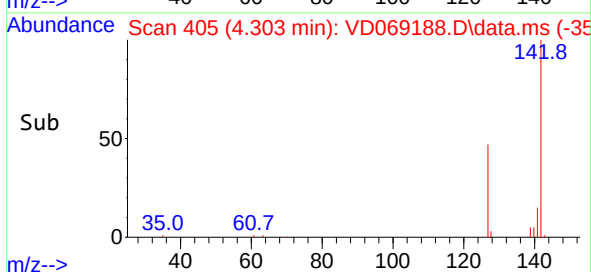
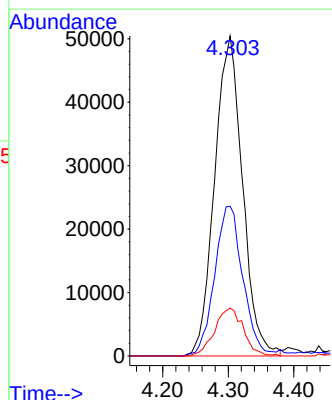
MMDadoda
5/20/2021 5:59:36 PM

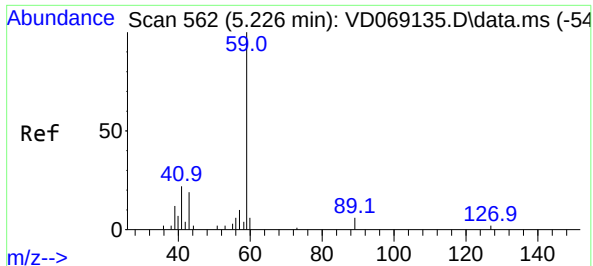


#10
Methyl Iodide
Concen: 40.85 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



Tgt Ion:142 Resp: 149033
Ion Ratio Lower Upper
142 100
127 47.2 37.3 55.9
141 15.4 12.2 18.4





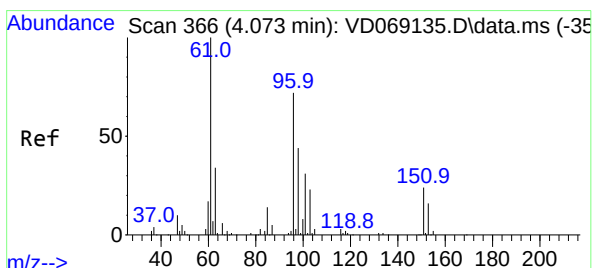
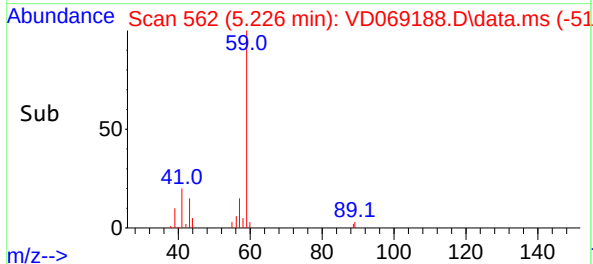
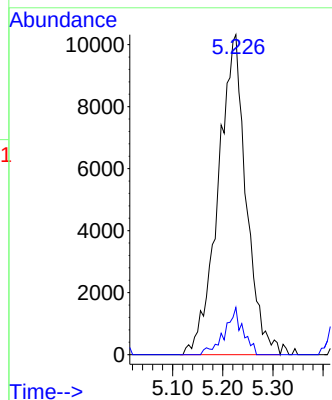
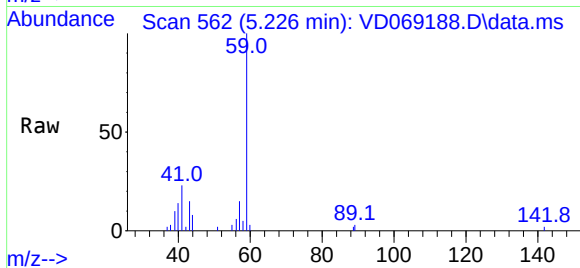
#11
Tert butyl alcohol
Concen: 242.03 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 59 Resp: 40057
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

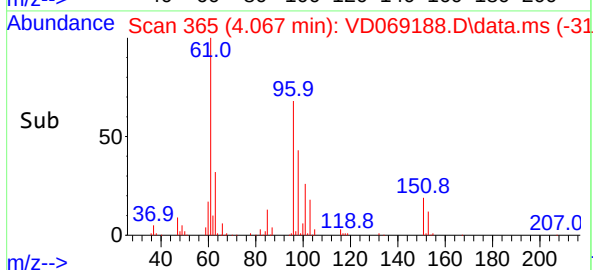
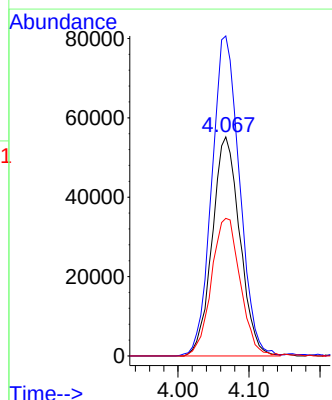
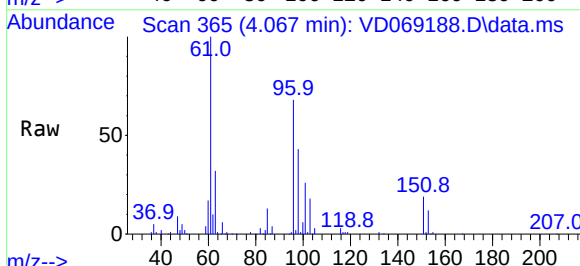
Manual Integrations
APPROVED

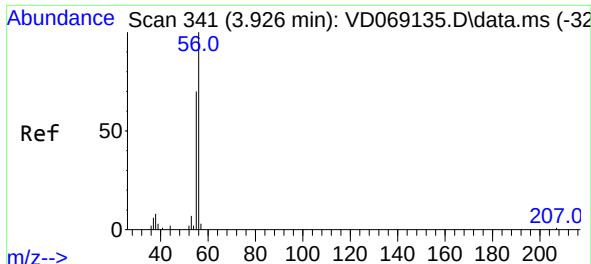
MMDadoda
5/20/2021 5:59:36 PM



#12
1,1-Dichloroethene
Concen: 47.04 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

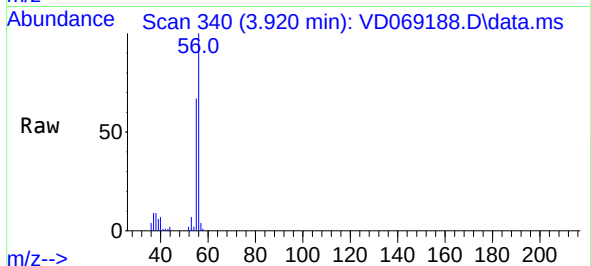
Tgt Ion: 96 Resp: 148780
Ion Ratio Lower Upper
96 100
61 145.7 111.1 166.7
98 62.8 48.4 72.6





#13
Acrolein
Concen: 263.93 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

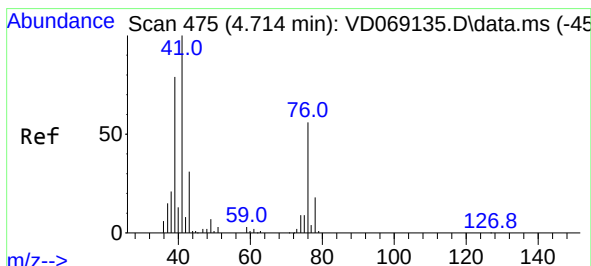
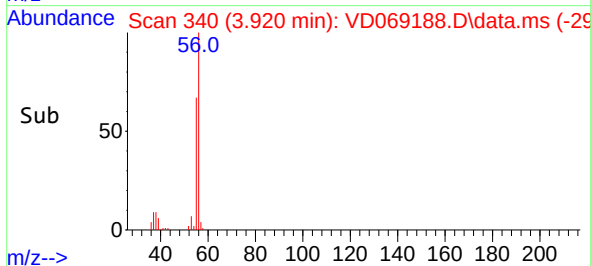
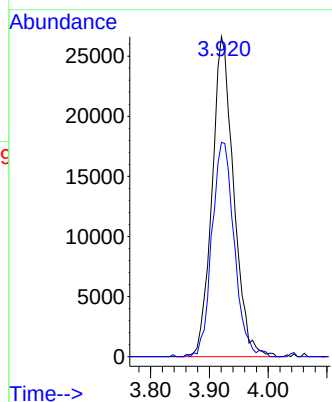
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 68053
Ion Ratio Lower Upper
56 100
55 69.1 56.9 85.3

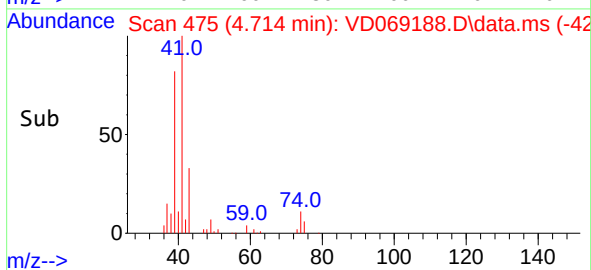
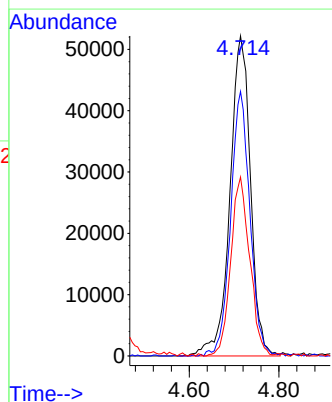
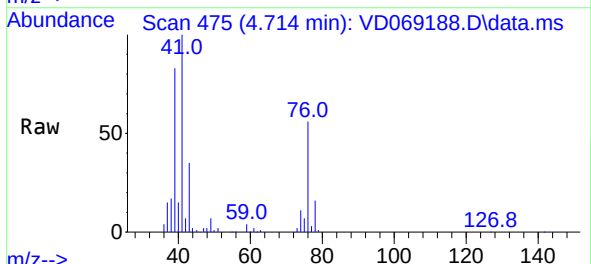
Manual Integrations
APPROVED

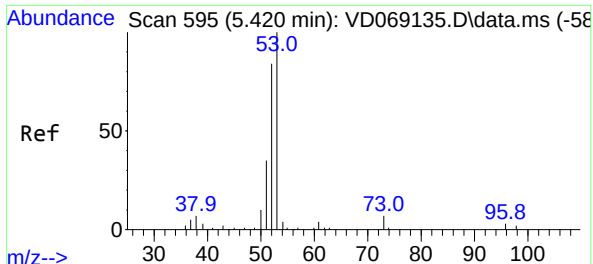
MMDadoda
5/20/2021 5:59:36 PM



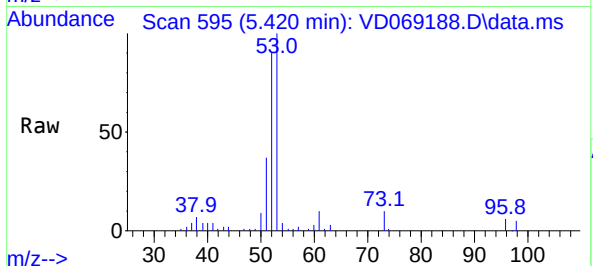
#14
Allyl chloride
Concen: 47.79 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 41 Resp: 165818
Ion Ratio Lower Upper
41 100
39 77.9 64.3 96.5
76 51.5 43.6 65.4

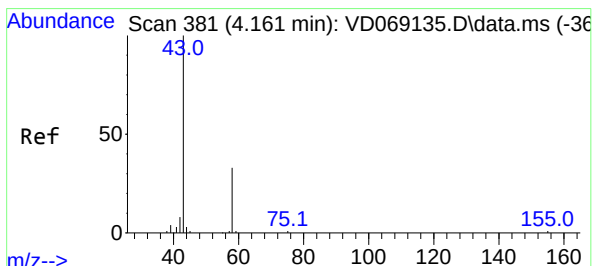
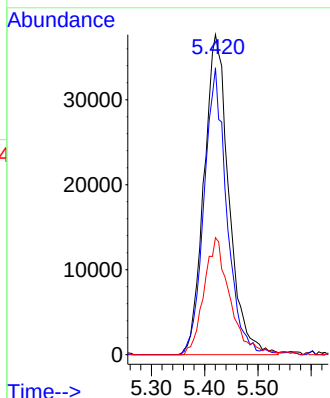
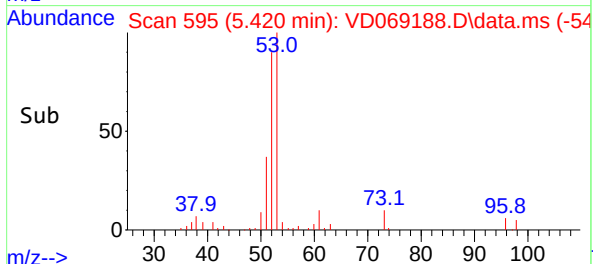




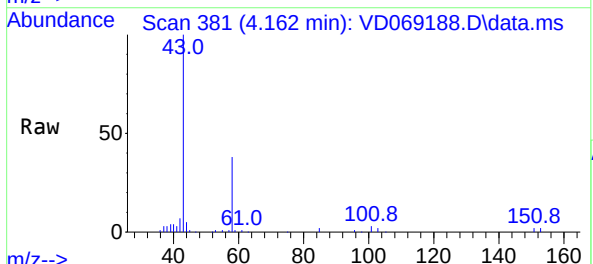
#15
Acrylonitrile
Concen: 230.82 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



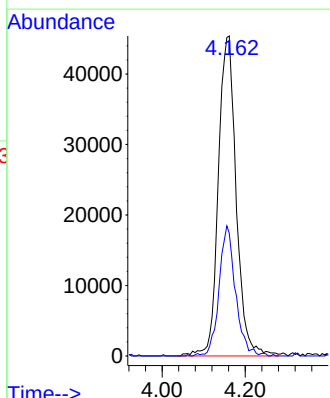
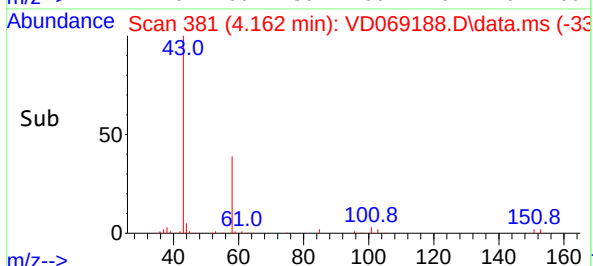
Tgt Ion:	53	Resp:	122161
Ion	Ratio	Lower	Upper
53	100		
52	81.5	64.5	96.7
51	38.1	30.4	45.6



#16
Acetone
Concen: 279.55 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



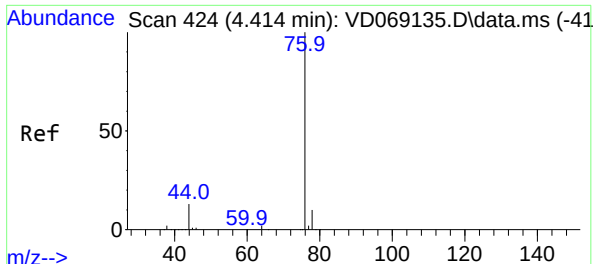
Tgt Ion:	43	Resp:	135682
Ion	Ratio	Lower	Upper
43	100		
58	38.4	26.7	40.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:59:36 PM



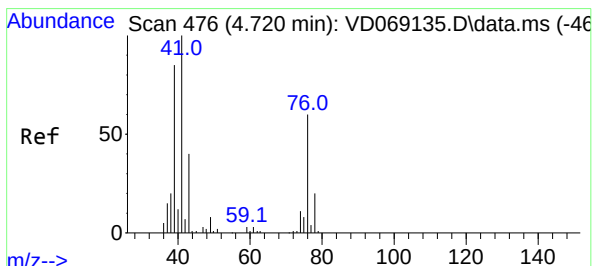
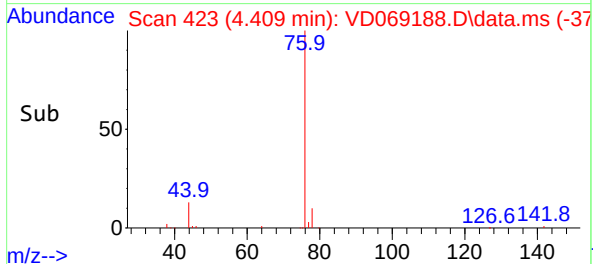
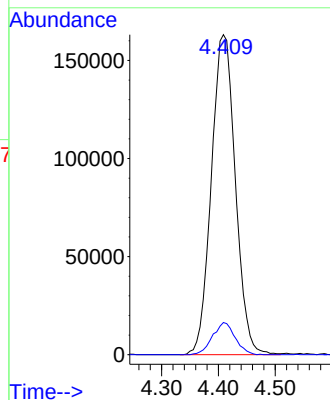
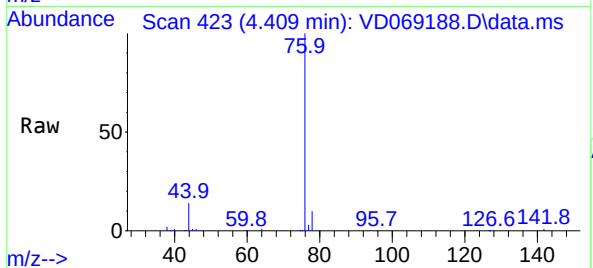
#17
Carbon Disulfide
Concen: 45.74 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 76 Resp: 479549
Ion Ratio Lower Upper
76 100
78 10.1 8.1 12.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

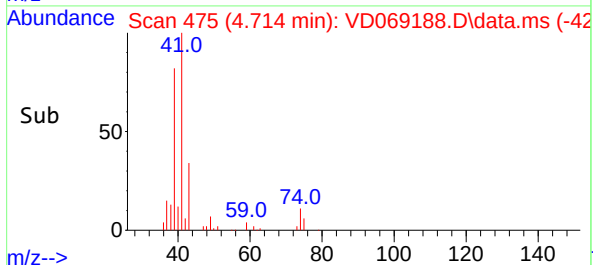
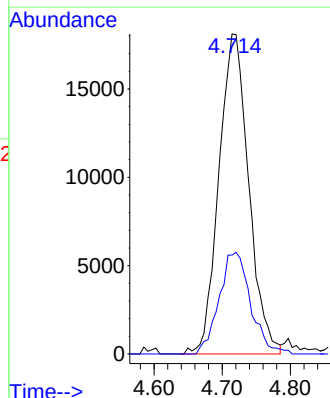
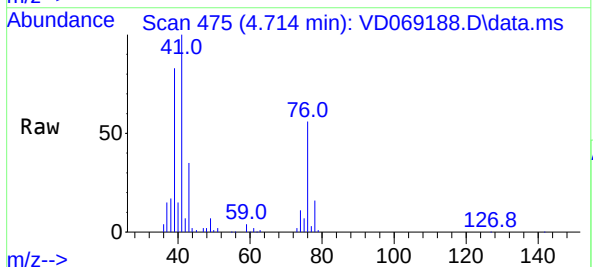
Manual Integrations
APPROVED

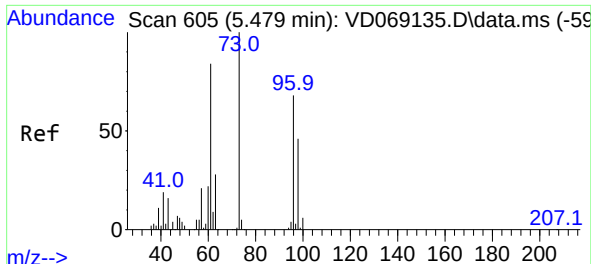
MMDadoda
5/20/2021 5:59:36 PM



#18
Methyl Acetate
Concen: 46.75 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

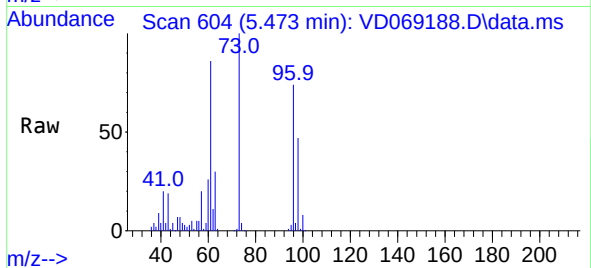
Tgt Ion: 43 Resp: 55134
Ion Ratio Lower Upper
43 100
74 33.6 23.8 35.6





#19
Methyl tert-butyl Ether
Concen: 49.34 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

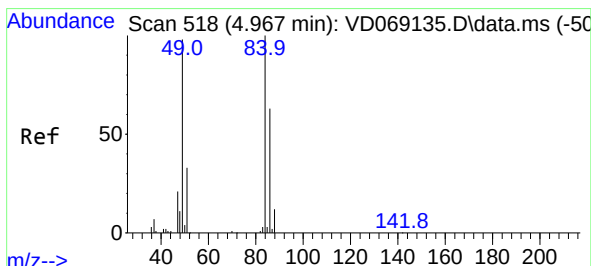
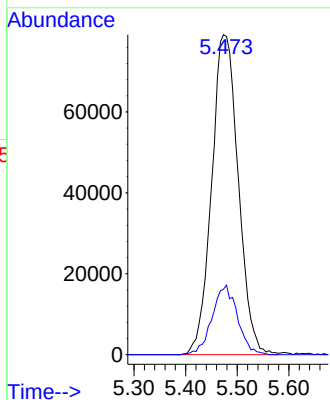
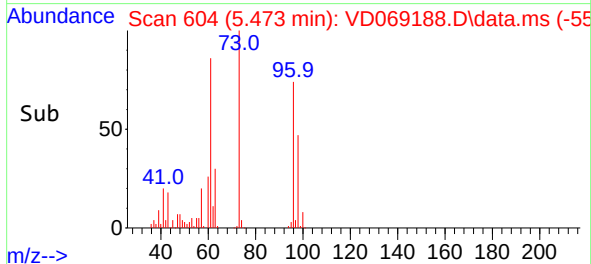
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



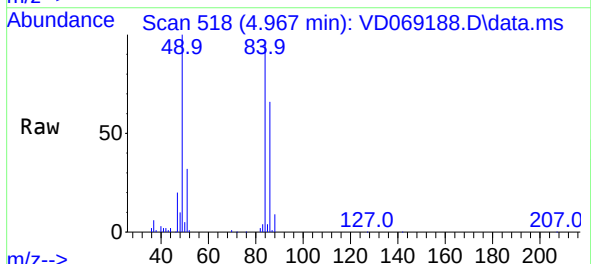
Tgt Ion: 73 Resp: 283166
Ion Ratio Lower Upper
73 100
57 20.5 17.1 25.7

Manual Integrations
APPROVED

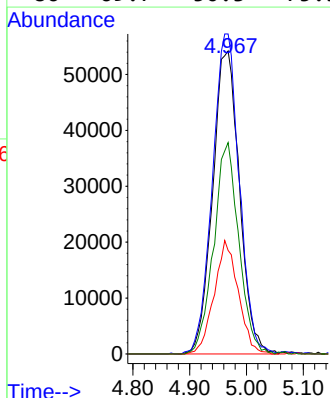
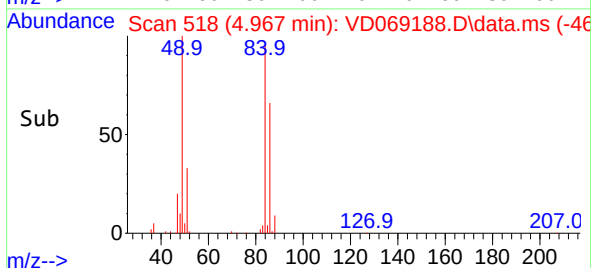
MMDadoda
5/20/2021 5:59:36 PM

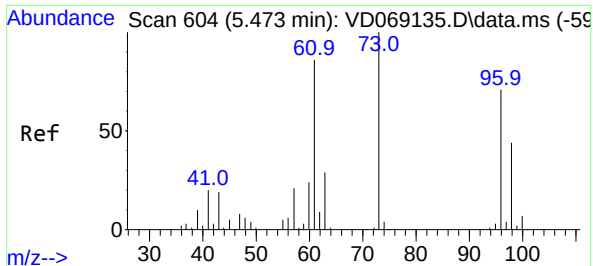


#20
Methylene Chloride
Concen: 43.94 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

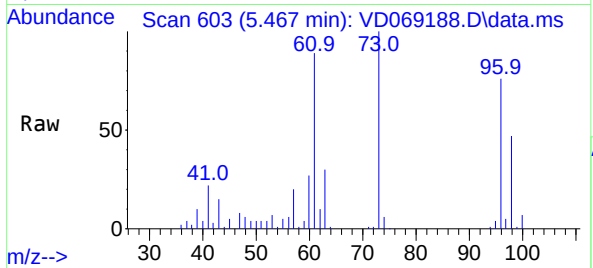


Tgt Ion: 84 Resp: 177866
Ion Ratio Lower Upper
84 100
49 105.6 78.6 117.8
51 34.2 26.7 40.1
86 69.7 50.3 75.5



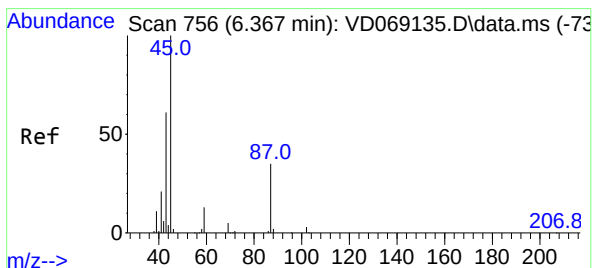
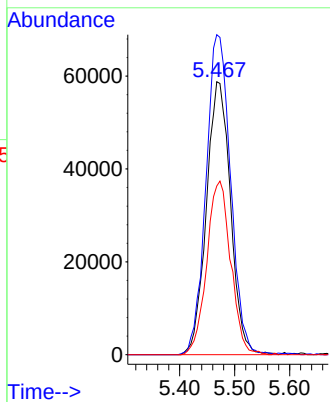
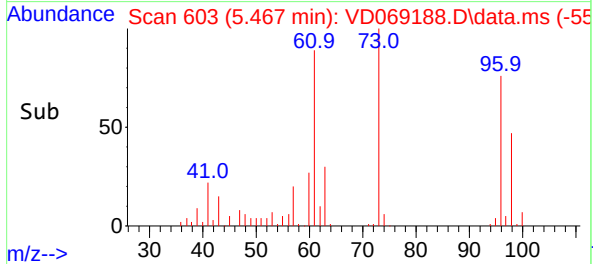


#21
trans-1,2-Dichloroethene
Concen: 47.77 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

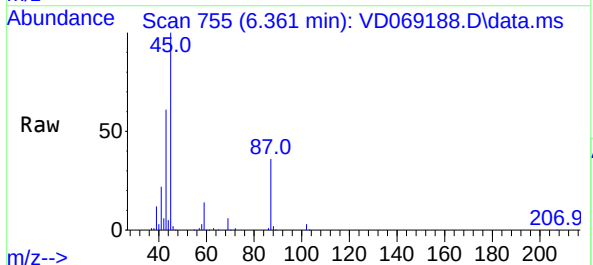


Tgt Ion: 96 Resp: 179146

Ion	Ratio	Lower	Upper
96	100		
61	117.2	97.7	146.5
98	61.8	49.4	74.2

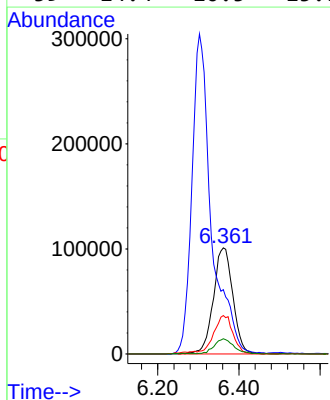
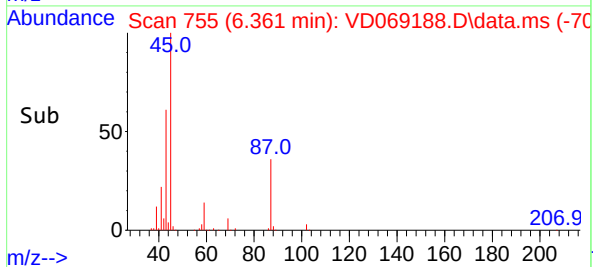


#22
Diisopropyl ether
Concen: 48.87 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



Tgt Ion: 45 Resp: 338614

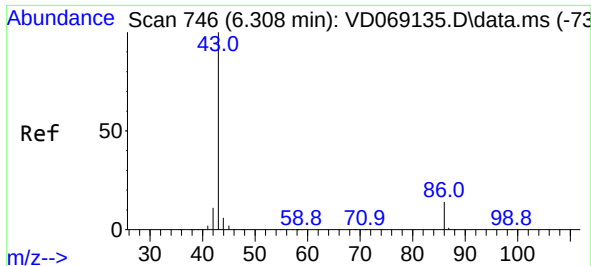
Ion	Ratio	Lower	Upper
45	100		
43	59.3	48.6	73.0
87	36.2	28.5	42.7
59	14.4	10.5	15.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

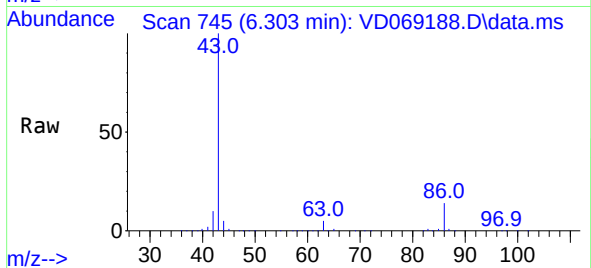
Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:59:36 PM



#23
 Vinyl Acetate
 Concen: 248.87 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD069188.D
 Acq: 19 May 2021 10:55

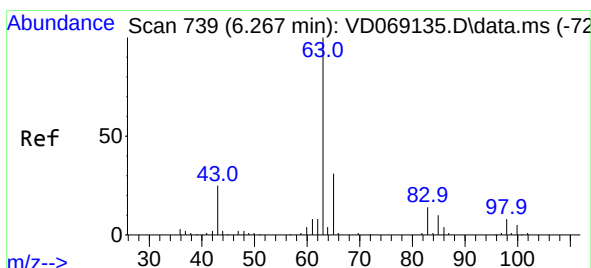
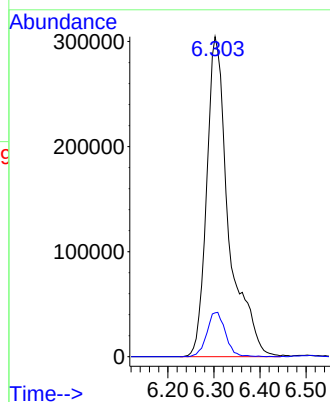
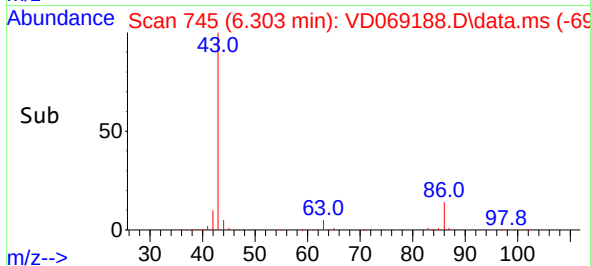
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



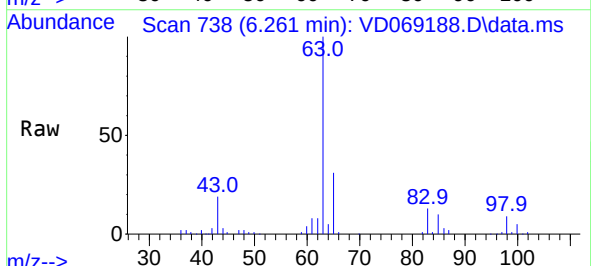
Tgt Ion: 43 Resp: 1017699
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.1 16.7

Manual Integrations
 APPROVED

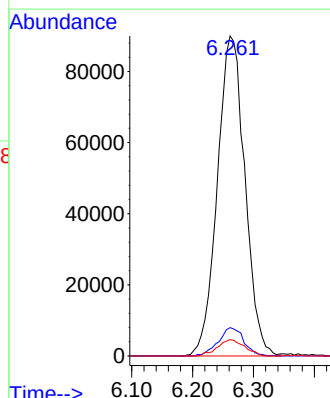
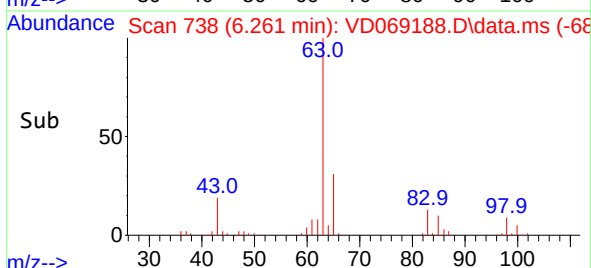
MMDadoda
 5/20/2021 5:59:36 PM

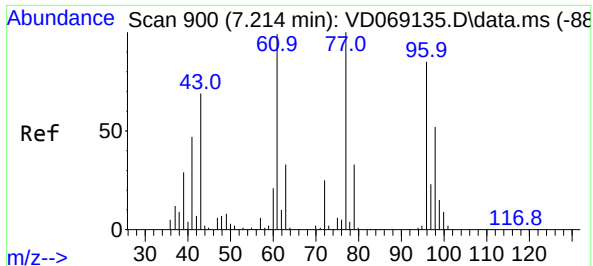


#24
 1,1-Dichloroethane
 Concen: 47.25 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD069188.D
 Acq: 19 May 2021 10:55



Tgt Ion: 63 Resp: 282847
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.5
 100 5.1 2.5 7.6





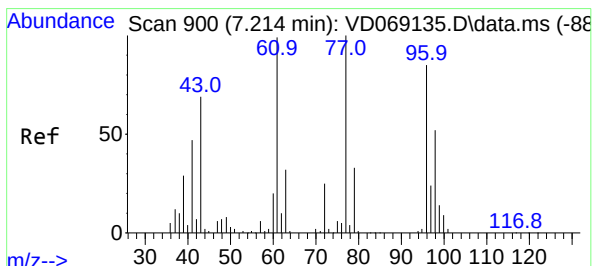
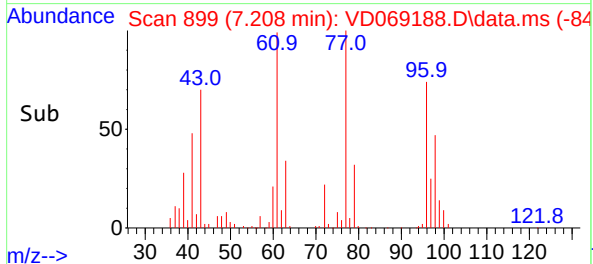
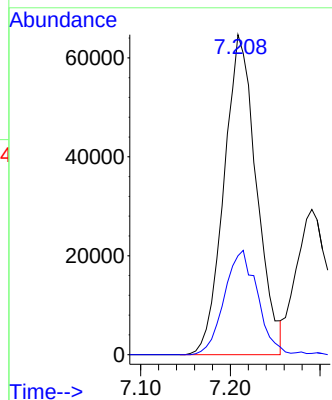
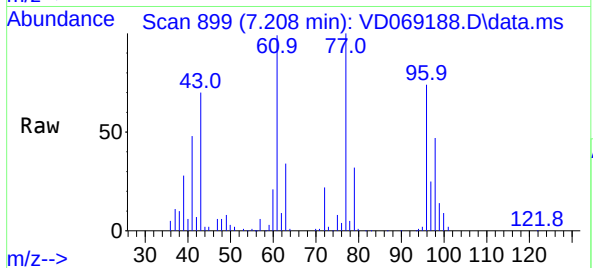
#25
2-Butanone
Concen: 247.40 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 162716
Ion Ratio Lower Upper
43 100
72 30.9 29.1 43.7

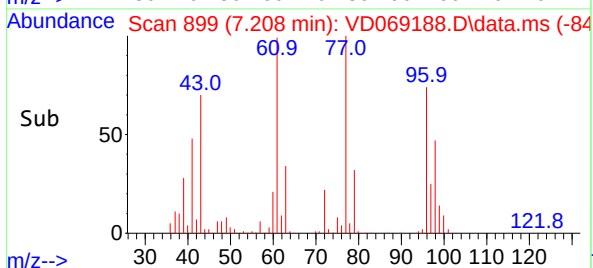
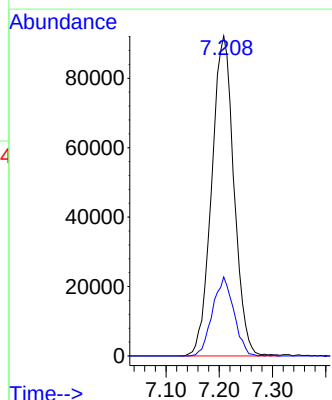
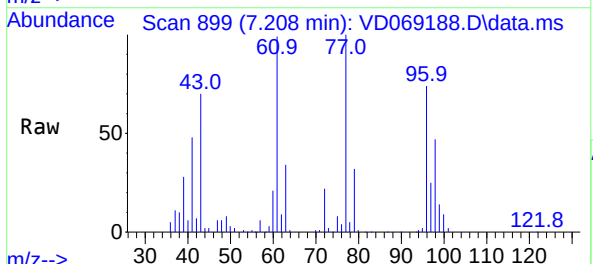
Manual Integrations
APPROVED

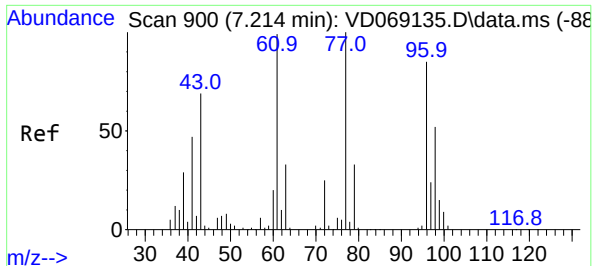
MMDadoda
5/20/2021 5:59:36 PM



#26
2,2-Dichloropropane
Concen: 47.81 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 77 Resp: 267661
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.5





#27

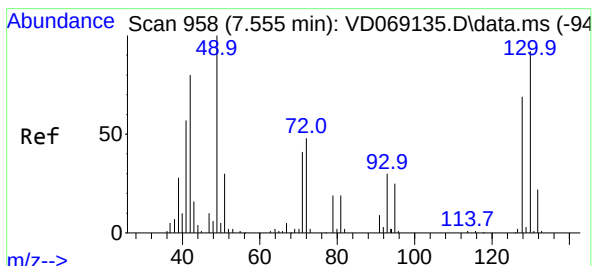
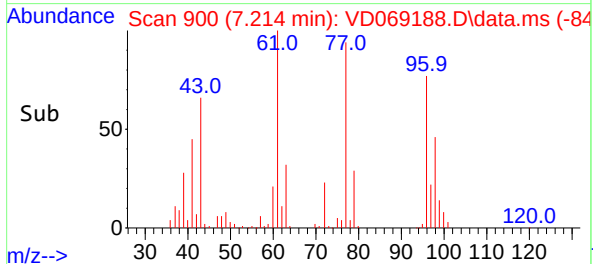
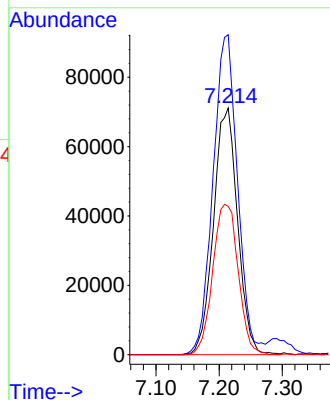
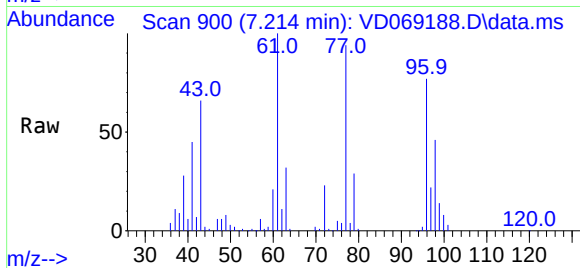
cis-1,2-Dichloroethene
Concen: 46.38 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 96 Resp: 188833
Ion Ratio Lower Upper
96 100
61 132.5 0.0 263.8
98 64.2 0.0 132.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

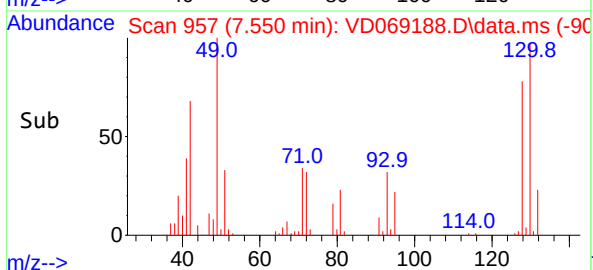
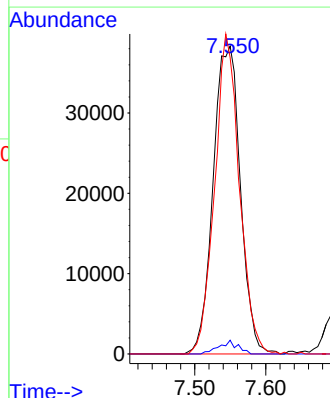
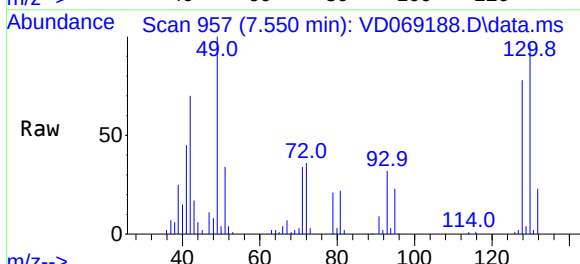
MMDadoda
5/20/2021 5:59:36 PM

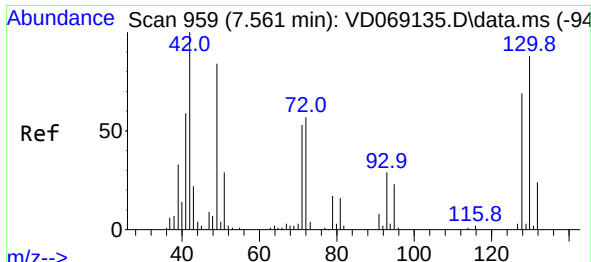


#28

Bromochloromethane
Concen: 47.75 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 49 Resp: 101890
Ion Ratio Lower Upper
49 100
129 3.0 0.0 6.4
130 94.4 75.8 113.6





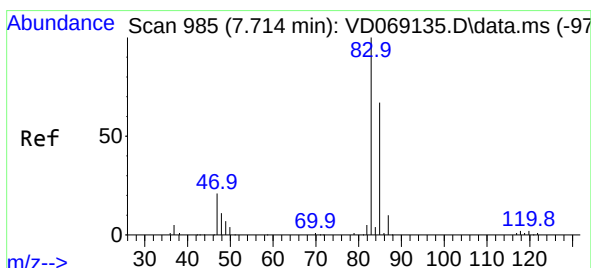
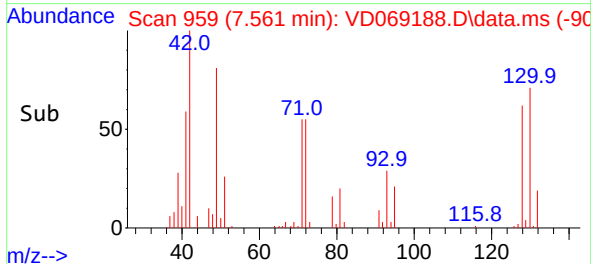
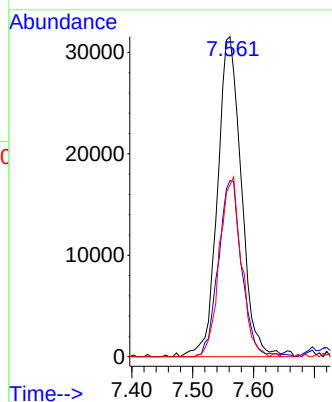
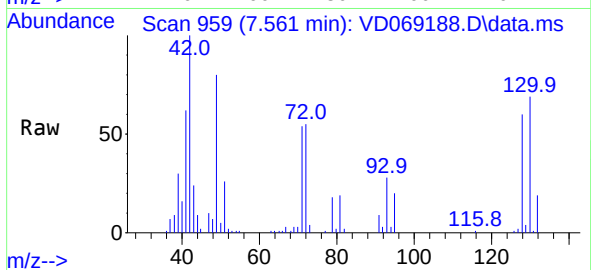
#29
Tetrahydrofuran
Concen: 239.42 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion:	42	Resp:	85600
Ion	Ratio	Lower	Upper
42	100		
72	54.1	45.9	68.9
71	51.9	42.9	64.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

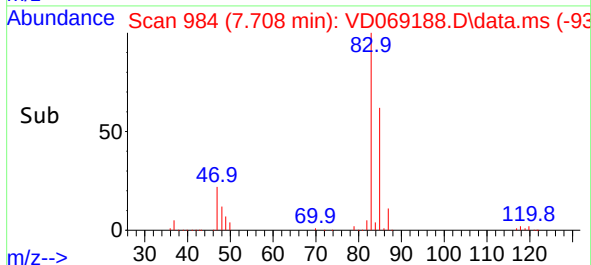
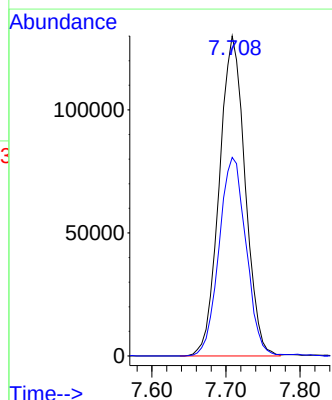
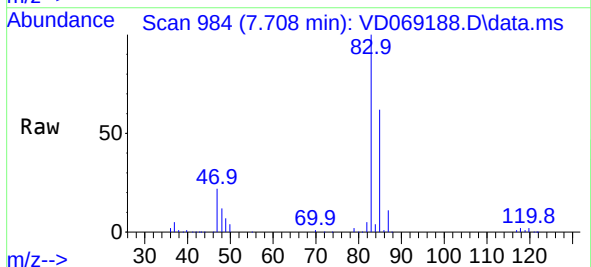
Manual Integrations
APPROVED

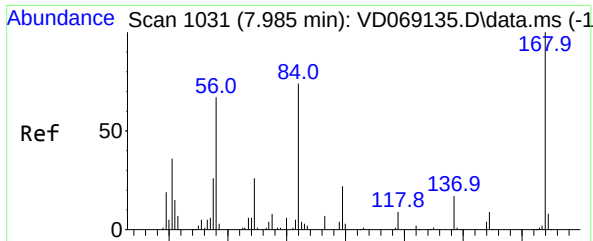
MMDadoda
5/20/2021 5:59:36 PM



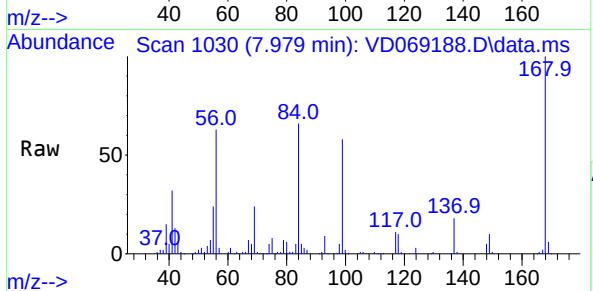
#30
Chloroform
Concen: 46.71 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion:	83	Resp:	314797
Ion	Ratio	Lower	Upper
83	100		
85	62.0	54.0	81.0

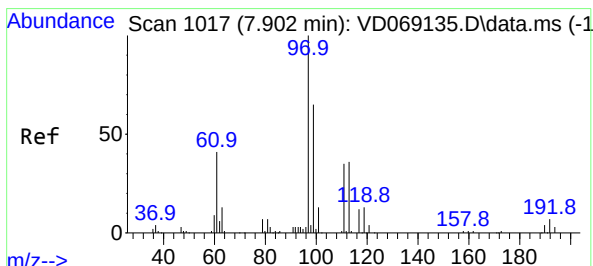
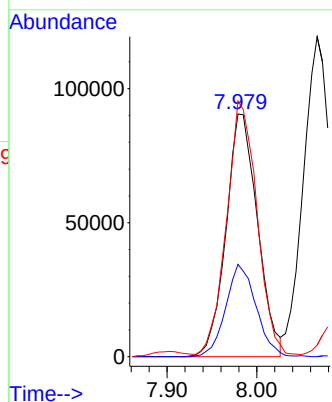
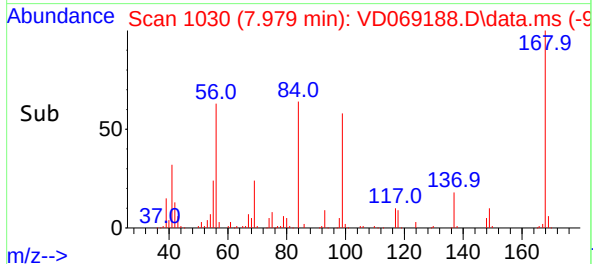




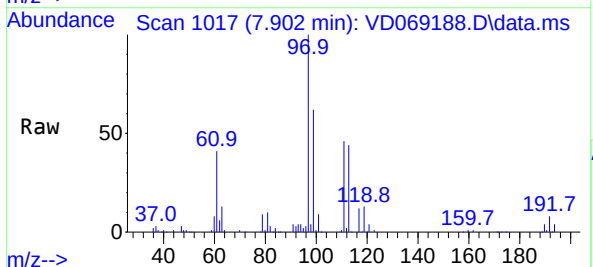
#31
Cyclohexane
Concen: 47.03 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



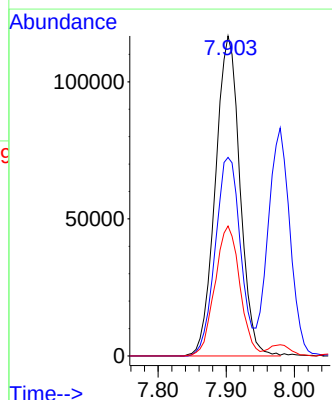
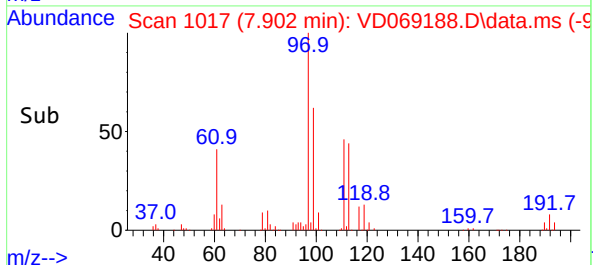
Tgt Ion: 56 Resp: 220866
Ion Ratio Lower Upper
56 100
69 37.8 30.6 46.0
84 103.8 88.0 132.0



#32
1,1,1-Trichloroethane
Concen: 47.95 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



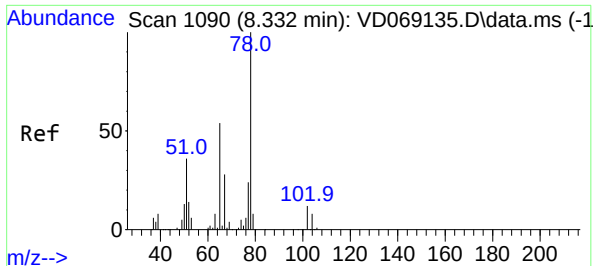
Tgt Ion: 97 Resp: 293175
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 41.2 32.5 48.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:59:36 PM



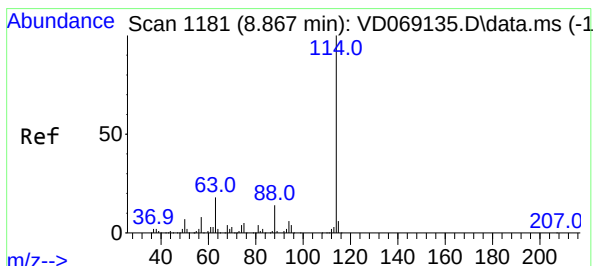
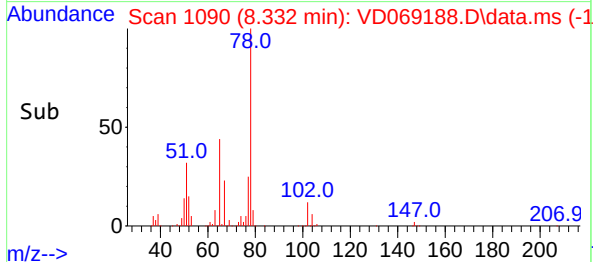
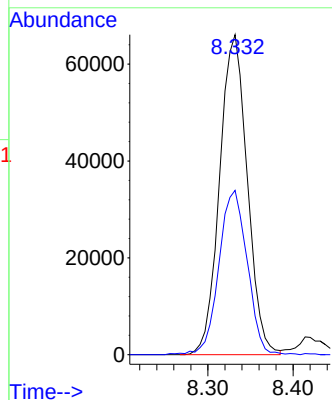
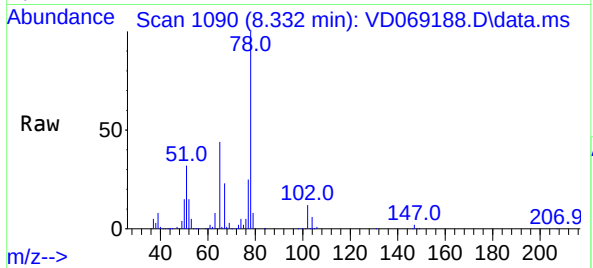
#33
1,2-Dichloroethane-d4
Concen: 47.06 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 65 Resp: 149139
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

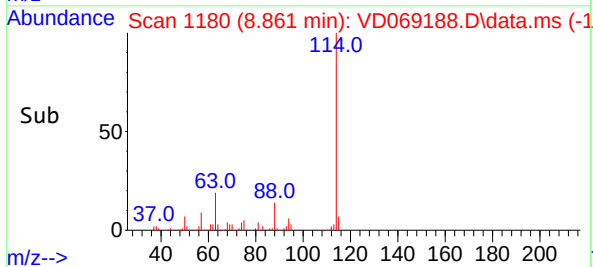
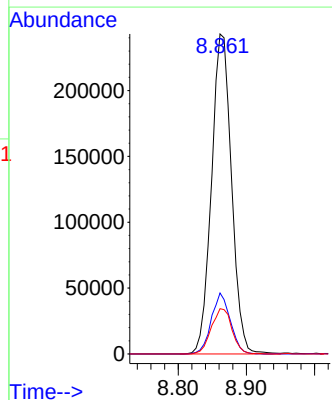
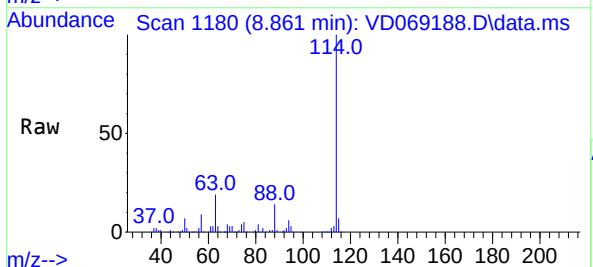
Manual Integrations
APPROVED

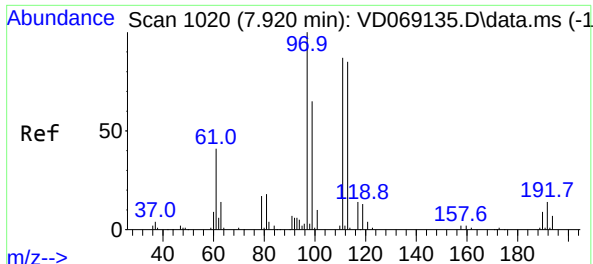
MMDadoda
5/20/2021 5:59:36 PM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 114 Resp: 496976
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.4
88 14.1 0.0 28.2





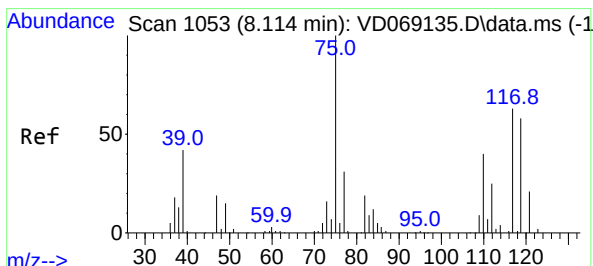
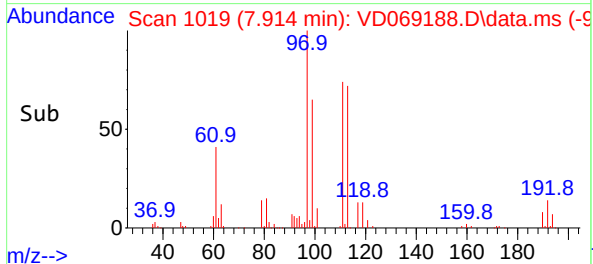
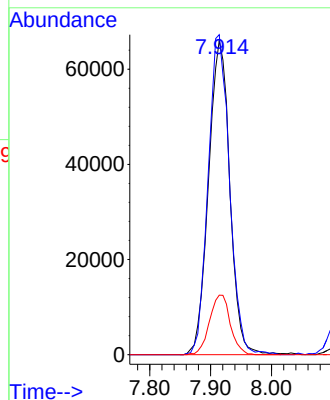
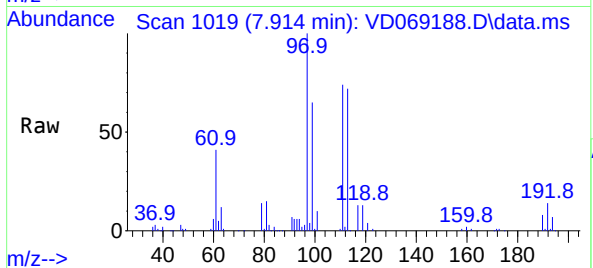
#35
Dibromofluoromethane
Concen: 49.55 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion:113 Resp: 160265
Ion Ratio Lower Upper
113 100
111 102.3 80.6 120.8
192 18.5 14.8 22.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

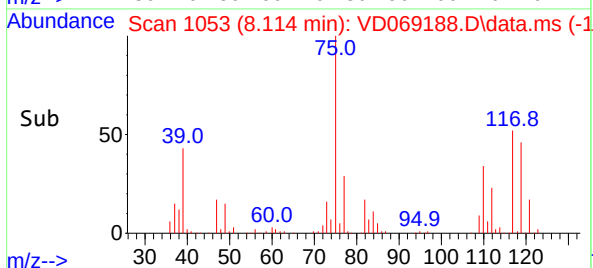
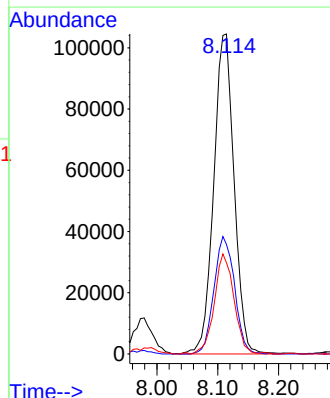
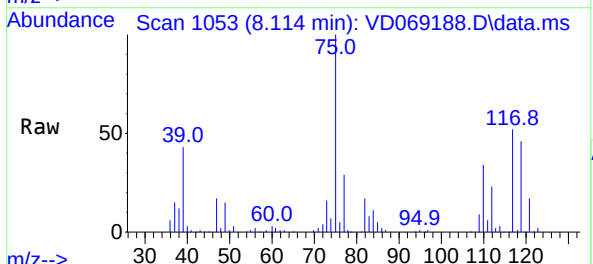
Manual Integrations
APPROVED

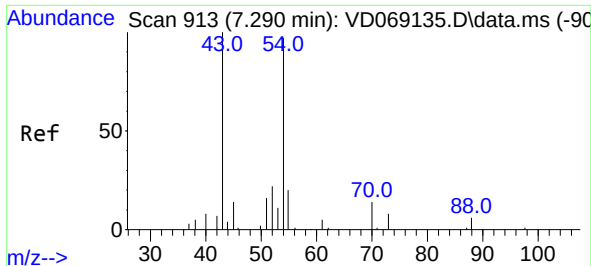
MMDadoda
5/20/2021 5:59:36 PM



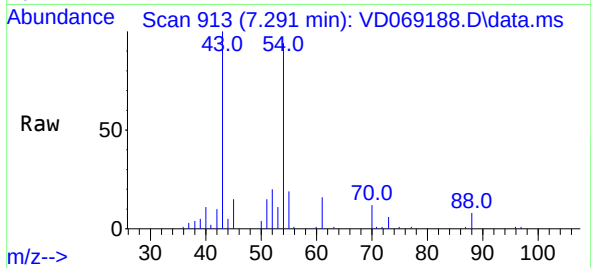
#36
1,1-Dichloropropene
Concen: 50.28 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 75 Resp: 242931
Ion Ratio Lower Upper
75 100
110 37.0 18.8 56.4
77 30.1 25.2 37.8

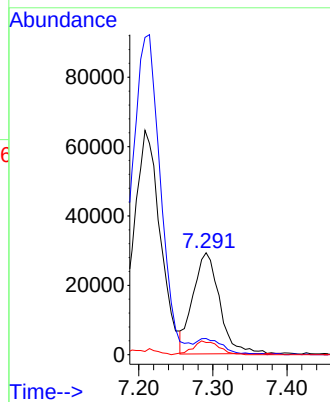
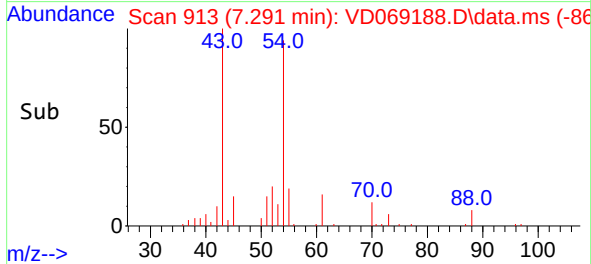




#37
Ethyl Acetate
Concen: 46.81 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



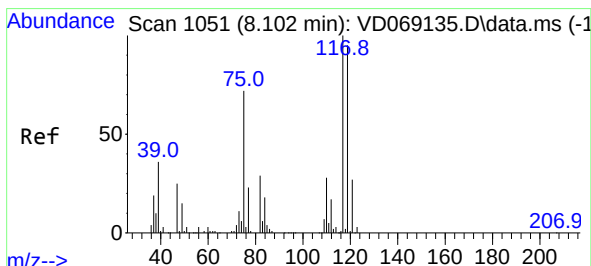
Tgt Ion: 43 Resp: 72673
Ion Ratio Lower Upper
43 100
61 15.7 11.5 17.3
70 13.2 10.4 15.6



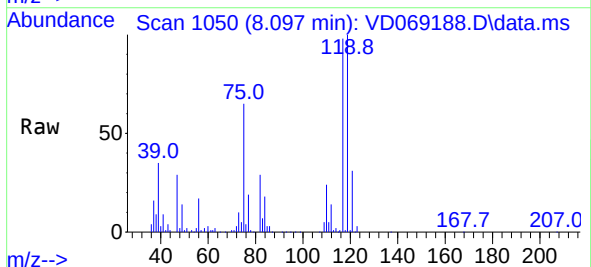
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

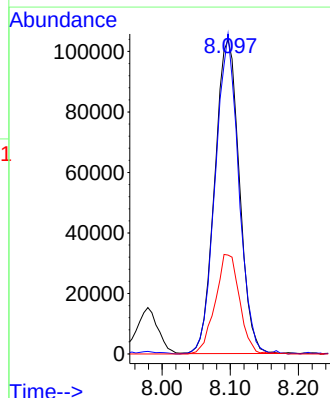
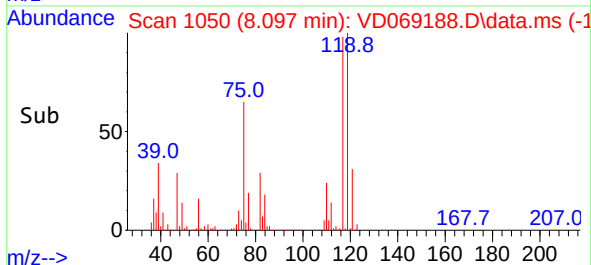
MMDadoda
5/20/2021 5:59:36 PM

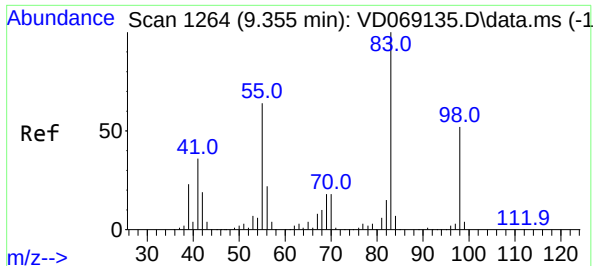


#38
Carbon Tetrachloride
Concen: 48.18 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



Tgt Ion: 117 Resp: 260209
Ion Ratio Lower Upper
117 100
119 102.0 76.2 114.2
121 31.5 21.9 32.9





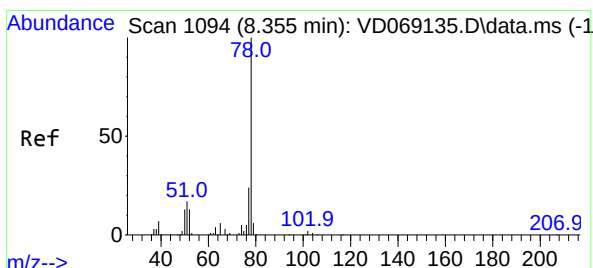
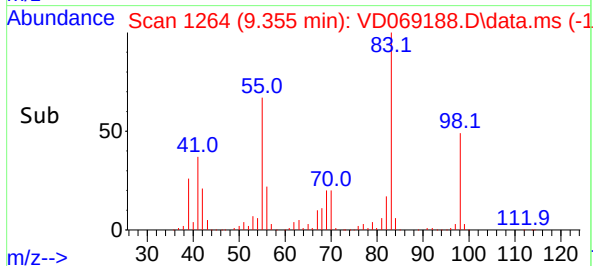
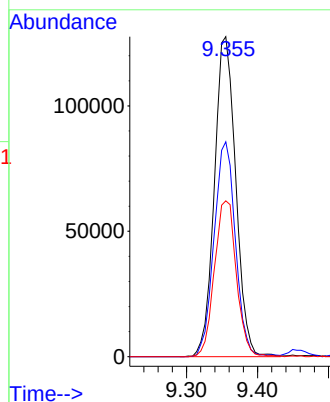
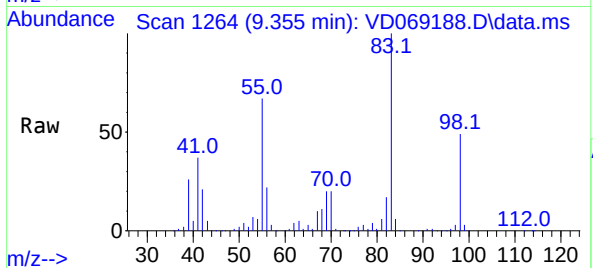
#39
Methylcyclohexane
Concen: 52.24 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 83 Resp: 266239
Ion Ratio Lower Upper
83 100
55 67.1 51.2 76.8
98 48.7 41.4 62.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

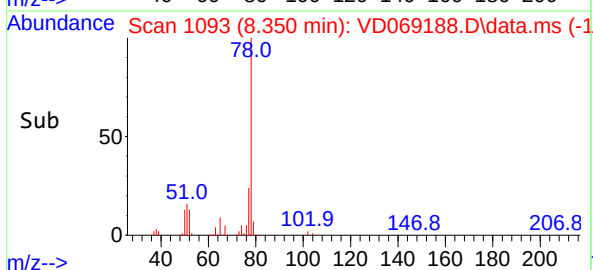
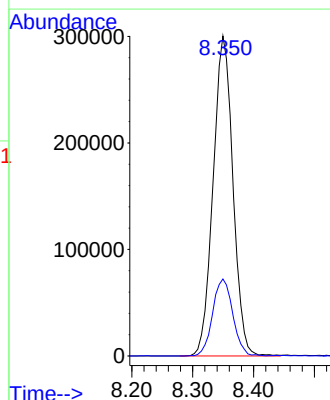
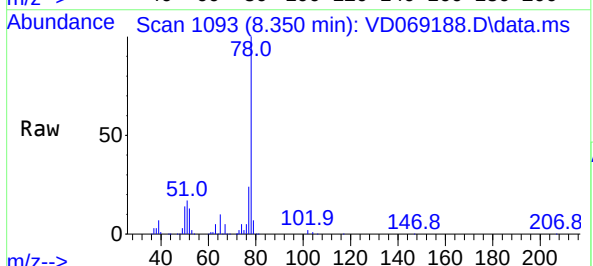
Manual Integrations
APPROVED

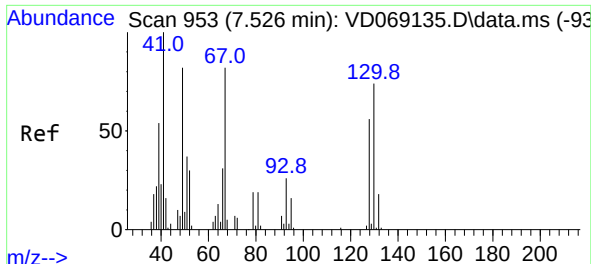
MMDadoda
5/20/2021 5:59:36 PM



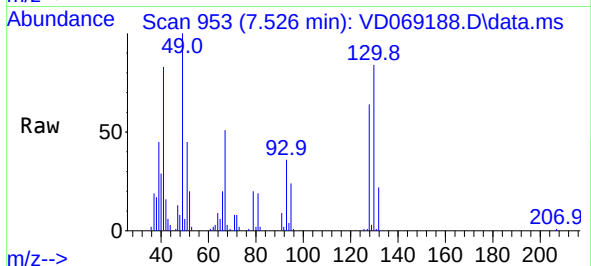
#40
Benzene
Concen: 49.02 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 78 Resp: 678523
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7



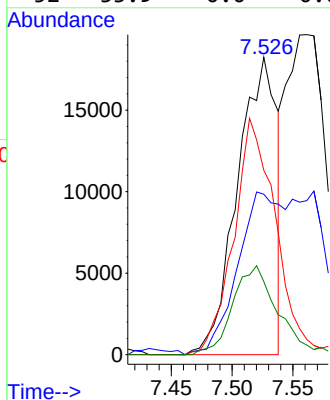


#41
Methacrylonitrile
Concen: 49.92 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



Tgt Ion: 41 Resp: 41253

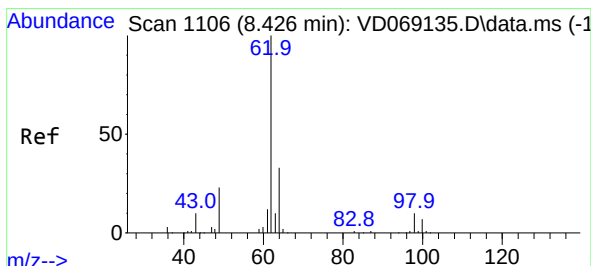
Ion	Ratio	Lower	Upper
41	100		
39	63.4	58.0	87.0
67	84.6	0.0	0.0#
52	33.9	0.0	0.0#



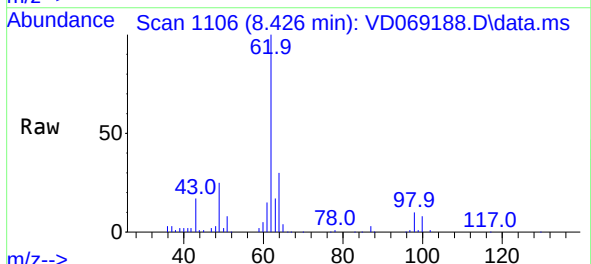
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:59:36 PM

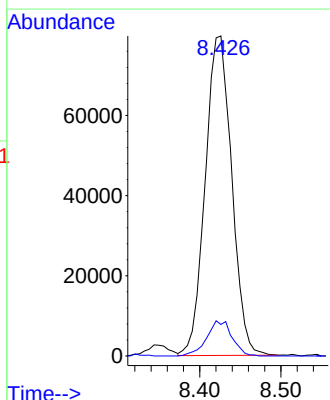
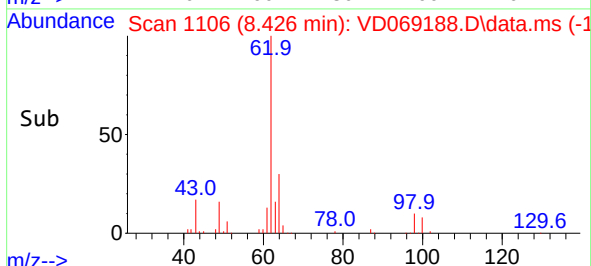


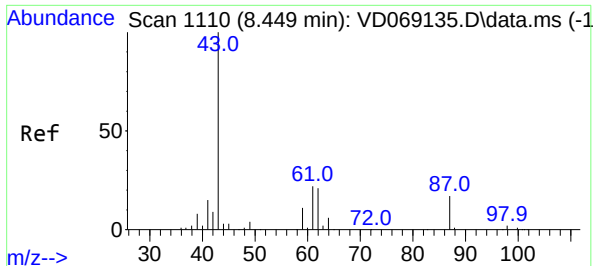
#42
1,2-Dichloroethane
Concen: 47.90 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



Tgt Ion: 62 Resp: 181038

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6





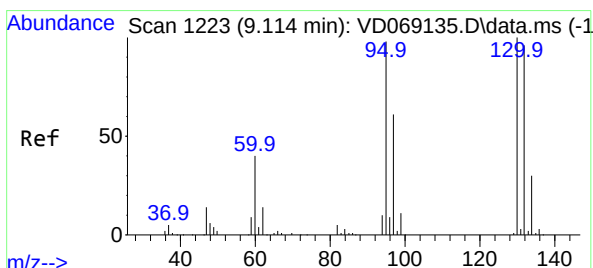
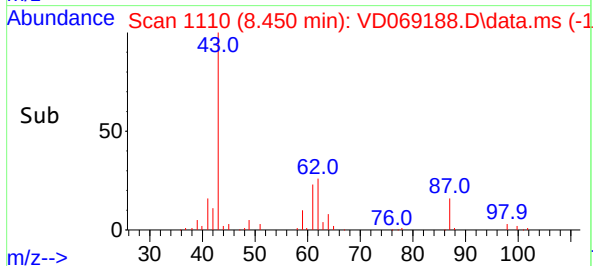
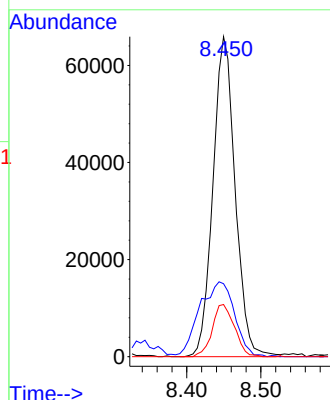
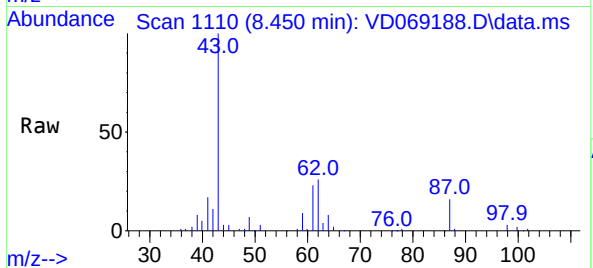
#43
Isopropyl Acetate
Concen: 48.68 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 43 Resp: 137225
Ion Ratio Lower Upper
43 100
61 36.8 28.6 42.8
87 16.3 13.8 20.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

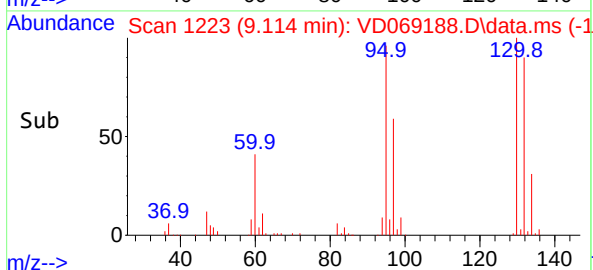
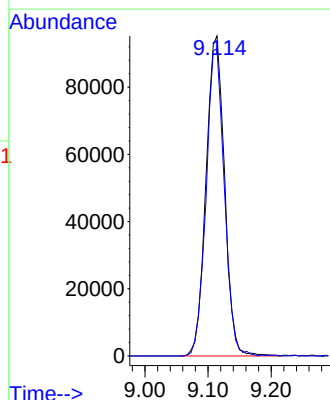
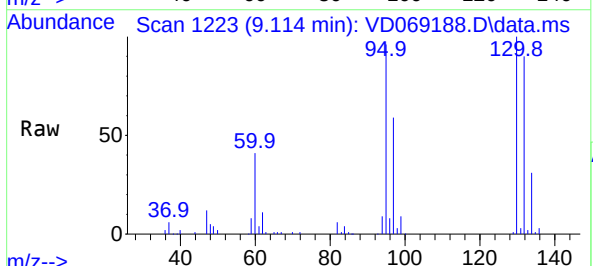
Manual Integrations
APPROVED

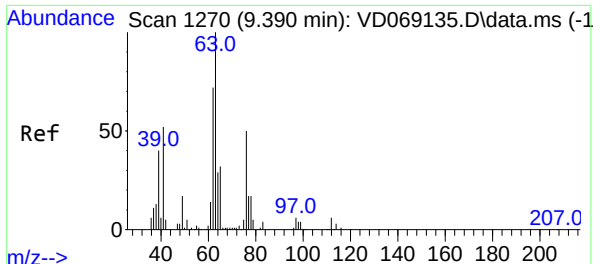
MMDadoda
5/20/2021 5:59:36 PM



#44
Trichloroethene
Concen: 50.01 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion:130 Resp: 193462
Ion Ratio Lower Upper
130 100
95 96.0 0.0 196.2

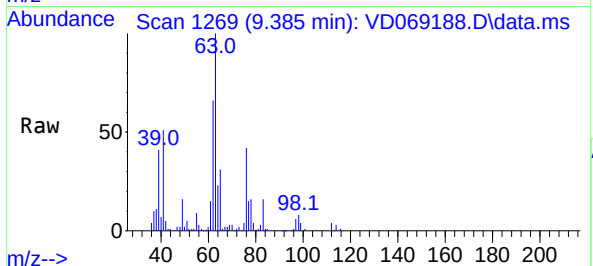




#45

1,2-Dichloropropane
Concen: 50.38 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

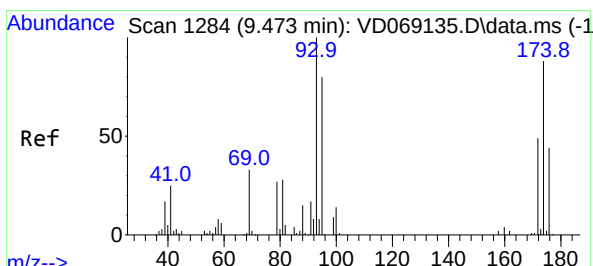
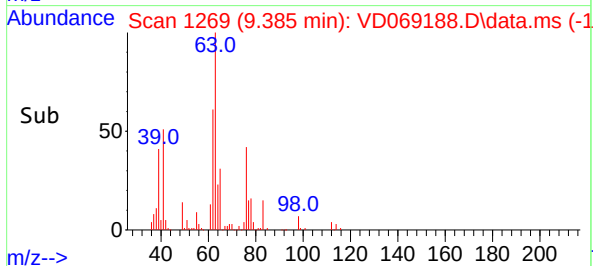
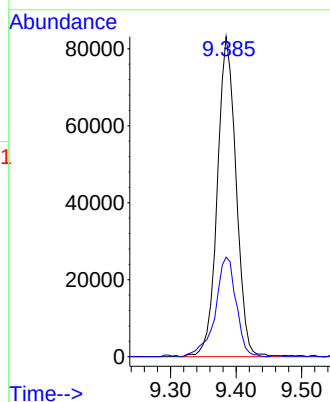
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 164587
Ion Ratio Lower Upper
63 100
65 31.1 25.9 38.9

Manual Integrations
APPROVED

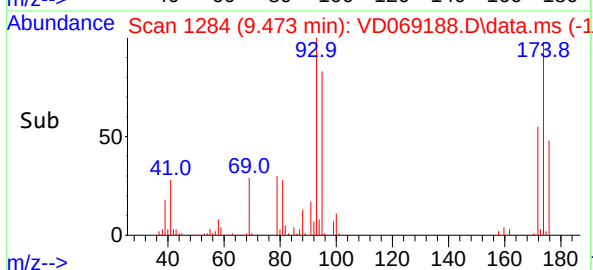
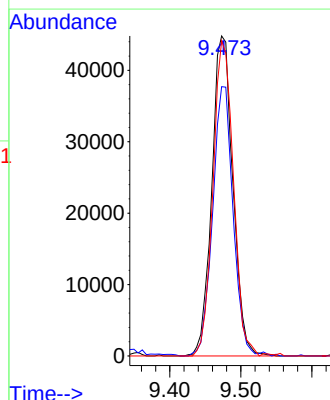
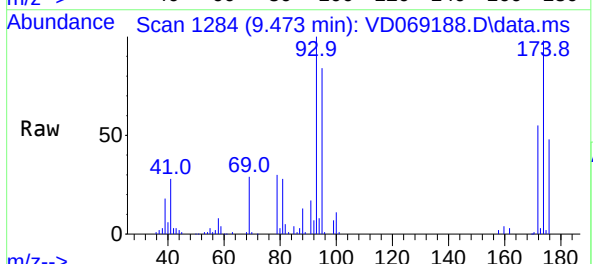
MMDadoda
5/20/2021 5:59:36 PM

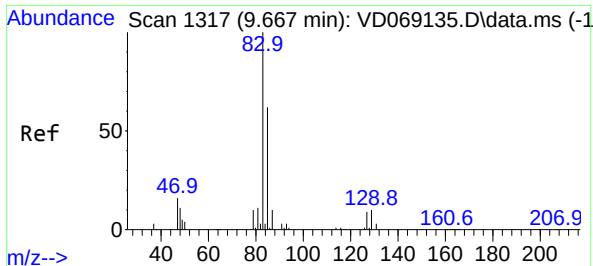


#46

Dibromomethane
Concen: 47.25 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

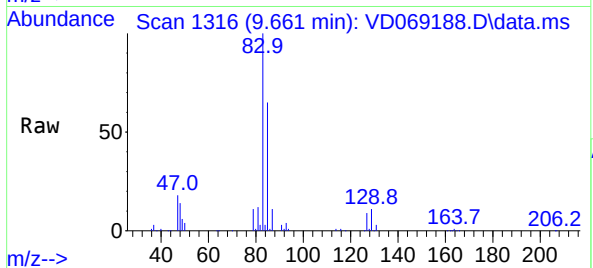
Tgt Ion: 93 Resp: 92271
Ion Ratio Lower Upper
93 100
95 82.1 65.9 98.9
174 95.6 76.6 115.0





#47
Bromodichloromethane
Concen: 48.40 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

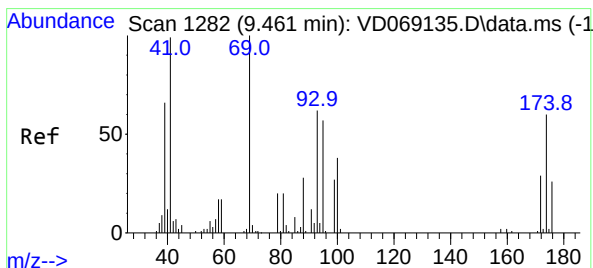
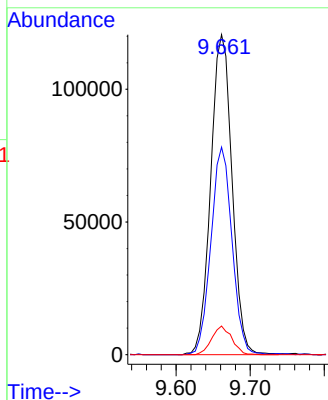
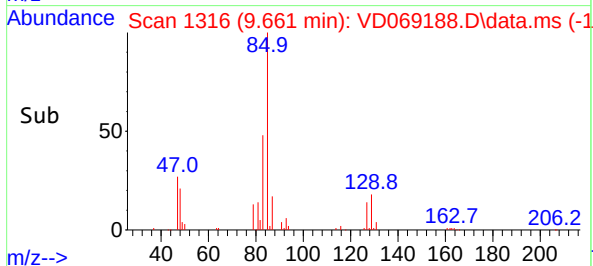
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



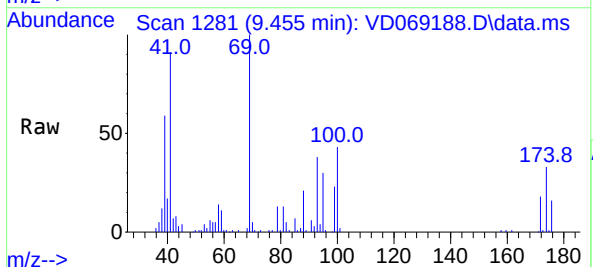
Tgt Ion: 83 Resp: 240514
Ion Ratio Lower Upper
83 100
85 64.8 50.0 75.0
127 8.9 7.1 10.7

Manual Integrations
APPROVED

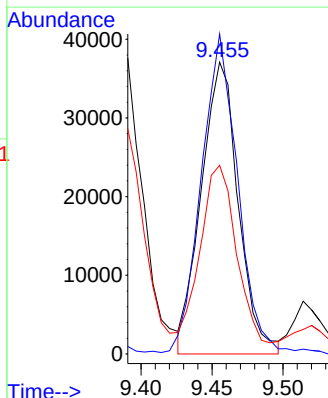
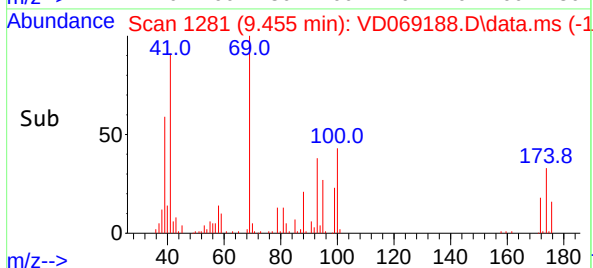
MMDadoda
5/20/2021 5:59:36 PM

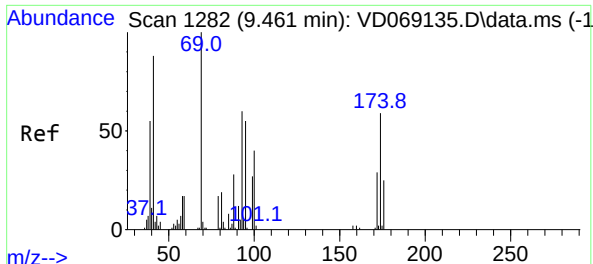


#48
Methyl methacrylate
Concen: 51.60 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



Tgt Ion: 41 Resp: 67267
Ion Ratio Lower Upper
41 100
69 108.7 88.0 132.0
39 58.3 51.4 77.0





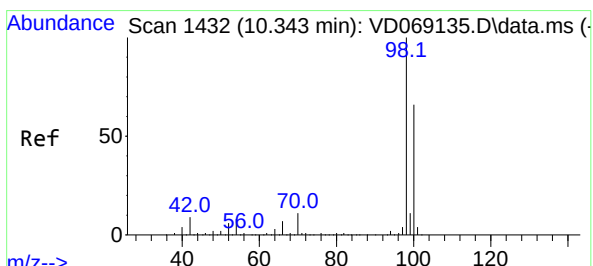
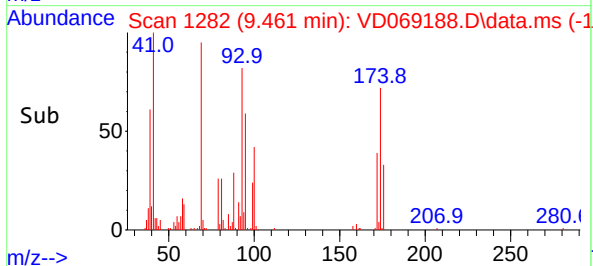
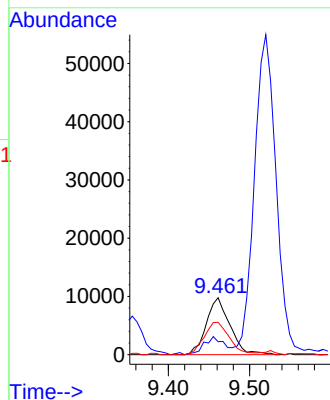
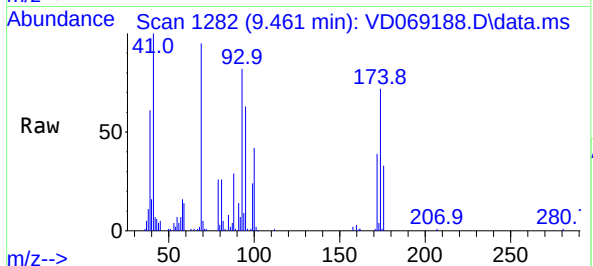
#49
1,4-Dioxane
Concen: 1034.71 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 88 Resp: 19709
Ion Ratio Lower Upper
88 100
43 25.5 26.7 40.1#
58 61.2 45.8 68.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

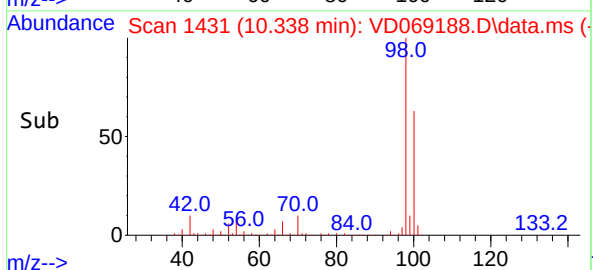
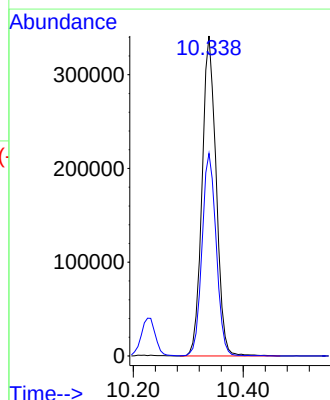
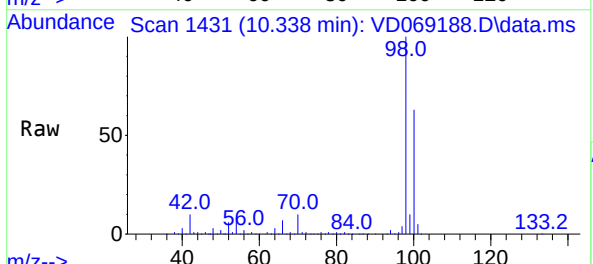
Manual Integrations
APPROVED

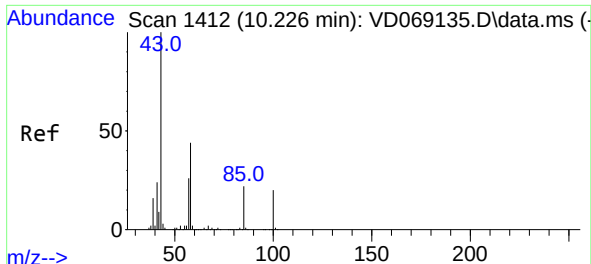
MMDadoda
5/20/2021 5:59:36 PM



#50
Toluene-d8
Concen: 51.10 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 98 Resp: 607194
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8





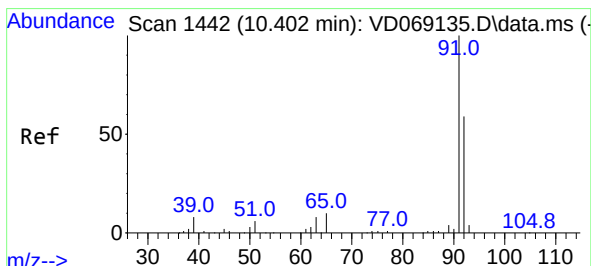
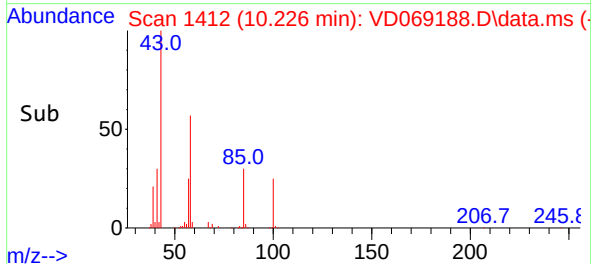
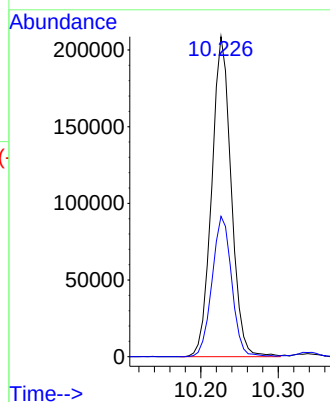
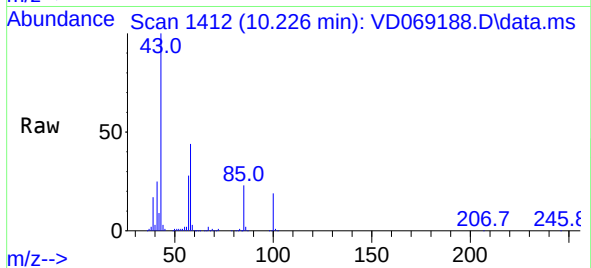
#51
4-Methyl-2-Pentanone
Concen: 251.33 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 43 Resp: 364525
Ion Ratio Lower Upper
43 100
58 44.2 35.0 52.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

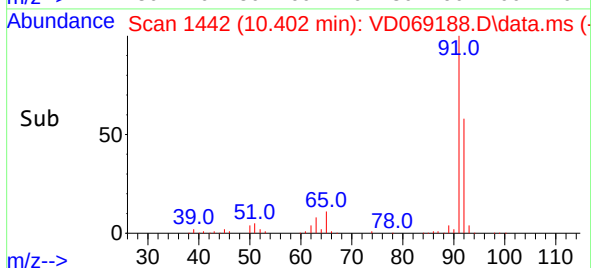
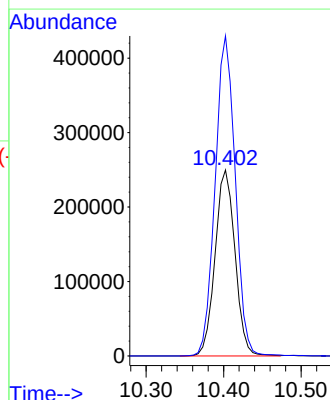
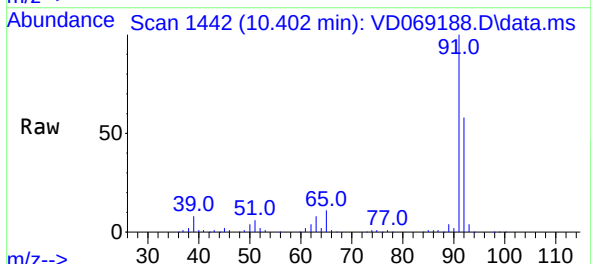
Manual Integrations
APPROVED

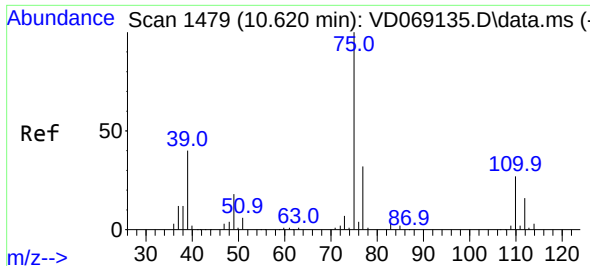
MMDadoda
5/20/2021 5:59:36 PM



#52
Toluene
Concen: 49.94 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 92 Resp: 446119
Ion Ratio Lower Upper
92 100
91 173.6 136.2 204.2





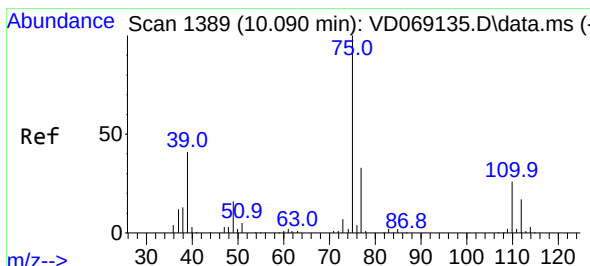
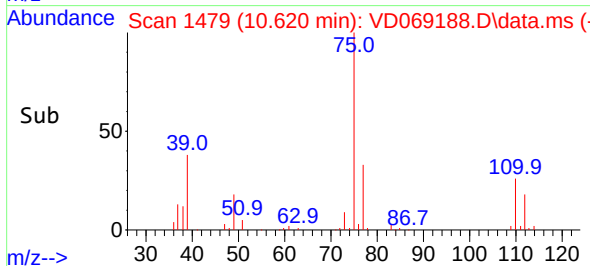
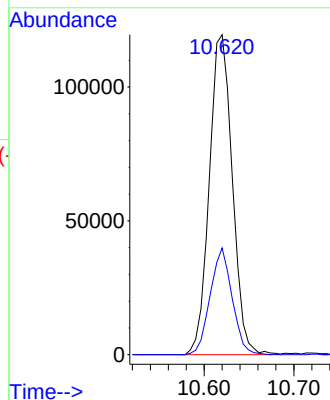
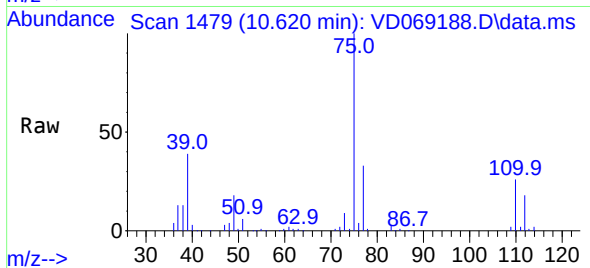
#53
t-1,3-Dichloropropene
Concen: 48.82 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 75 Resp: 213205
Ion Ratio Lower Upper
75 100
77 33.3 26.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

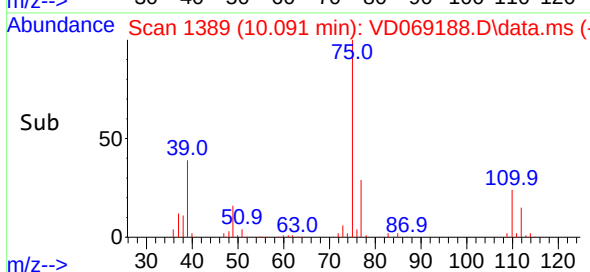
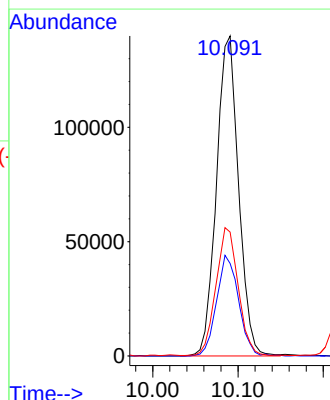
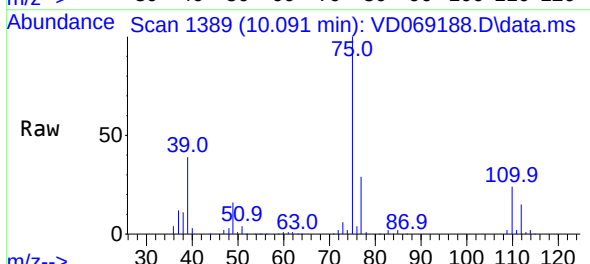
Manual Integrations
APPROVED

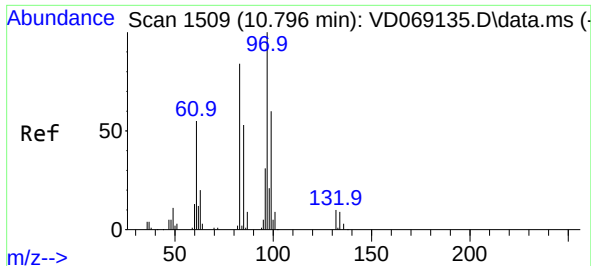
MMDadoda
5/20/2021 5:59:36 PM



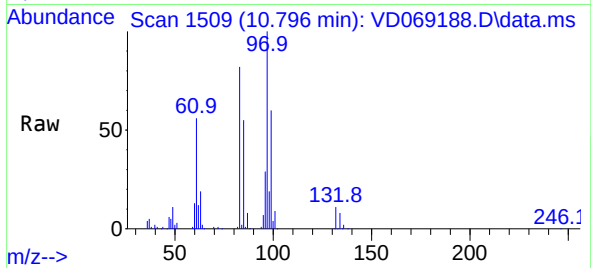
#54
cis-1,3-Dichloropropene
Concen: 48.36 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 75 Resp: 252443
Ion Ratio Lower Upper
75 100
77 28.9 26.2 39.4
39 38.6 32.9 49.3

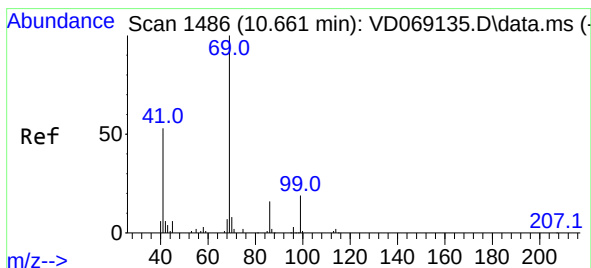
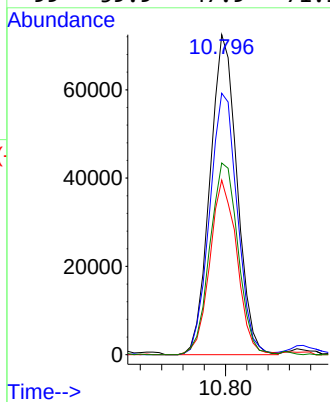
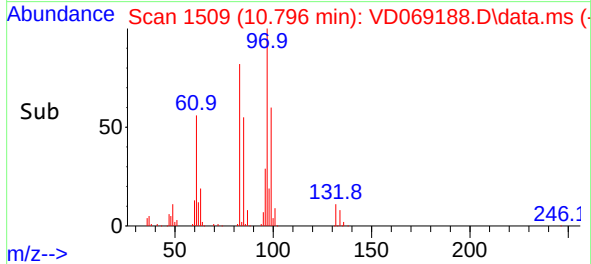




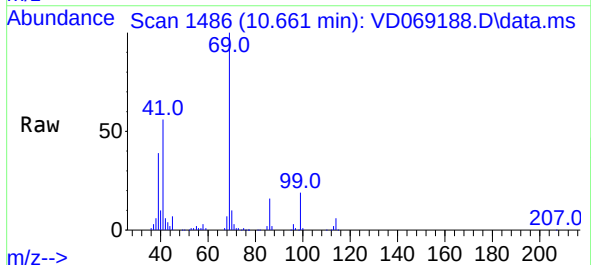
#55
1,1,2-Trichloroethane
Concen: 48.50 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



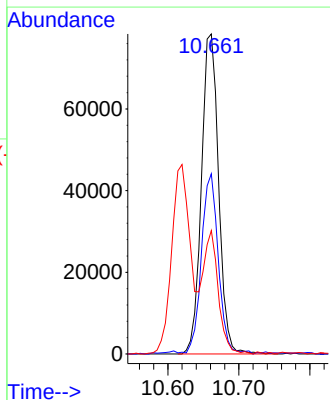
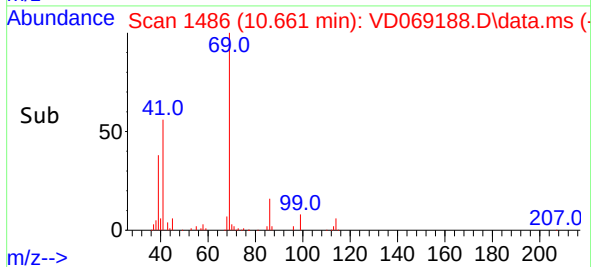
Tgt Ion:	97	Resp:	127668
Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.9	100.3
85	54.5	42.2	63.4
99	59.9	47.9	71.9



#56
Ethyl methacrylate
Concen: 46.08 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



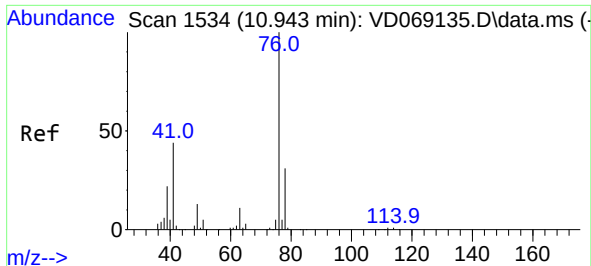
Tgt Ion:	69	Resp:	131997
Ion	Ratio	Lower	Upper
69	100		
41	55.6	42.2	63.2
39	33.0	26.3	39.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:59:36 PM



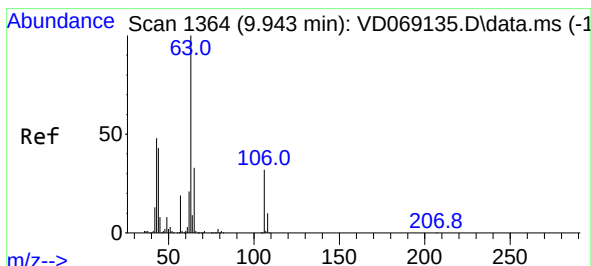
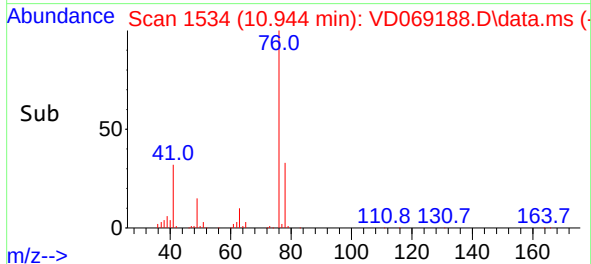
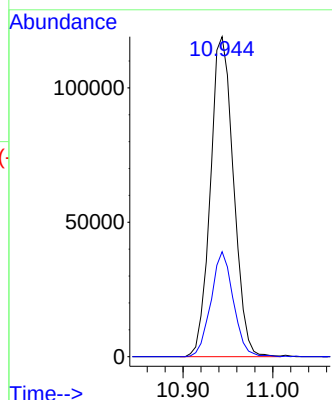
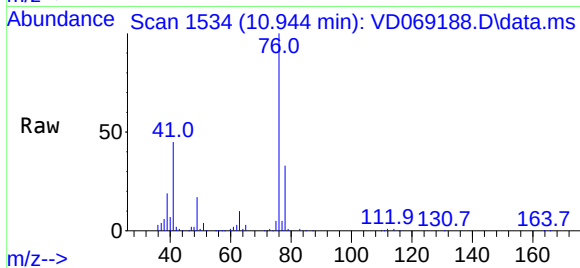
#57
1,3-Dichloropropane
Concen: 50.12 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 76 Resp: 213181
Ion Ratio Lower Upper
76 100
78 31.8 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

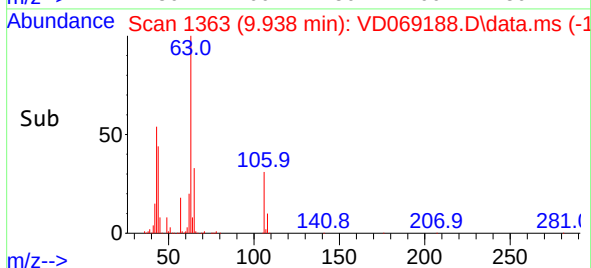
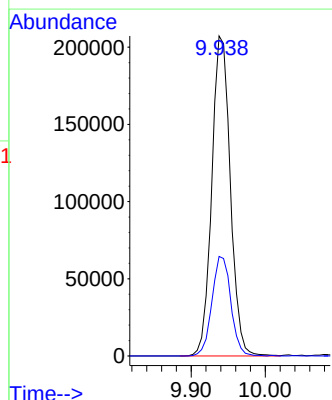
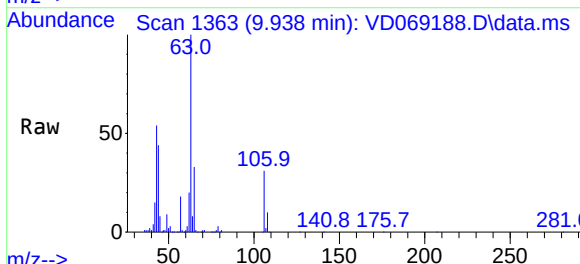
Manual Integrations
APPROVED

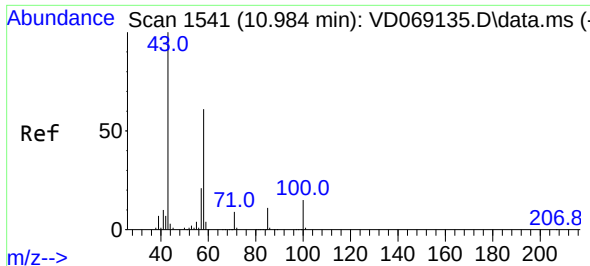
MMDadoda
5/20/2021 5:59:36 PM



#58
2-Chloroethyl Vinyl ether
Concen: 276.57 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

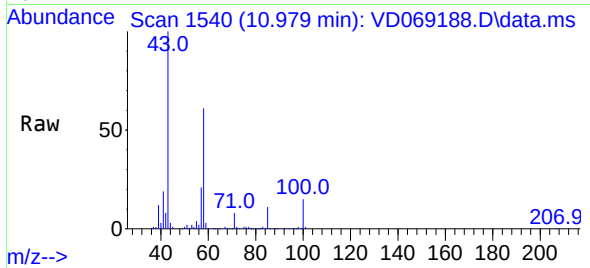
Tgt Ion: 63 Resp: 360366
Ion Ratio Lower Upper
63 100
106 31.7 25.3 37.9





#59
2-Hexanone
Concen: 274.36 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

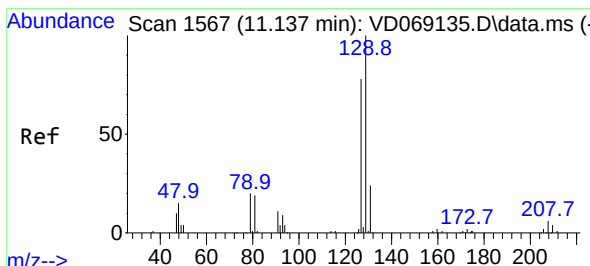
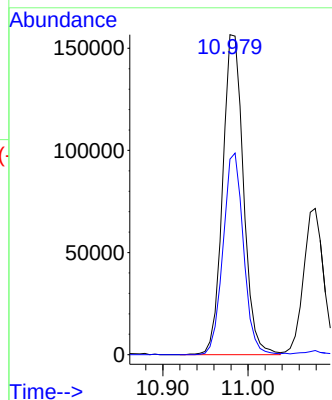
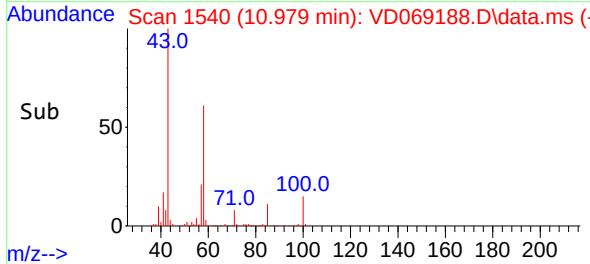
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



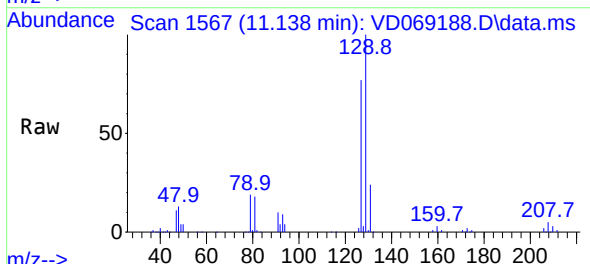
Tgt Ion: 43 Resp: 265539
Ion Ratio Lower Upper
43 100
58 61.9 31.1 93.5

Manual Integrations
APPROVED

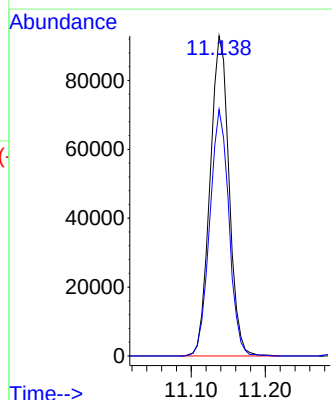
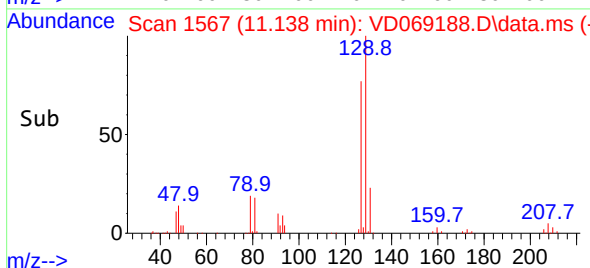
MMDadoda
5/20/2021 5:59:36 PM

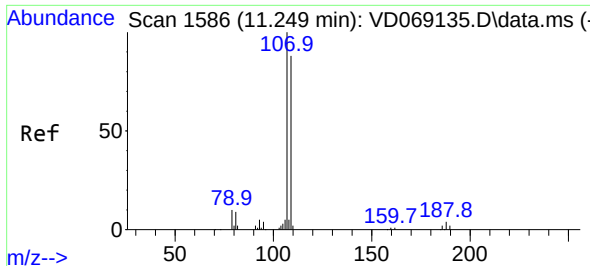


#60
Dibromochloromethane
Concen: 48.95 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

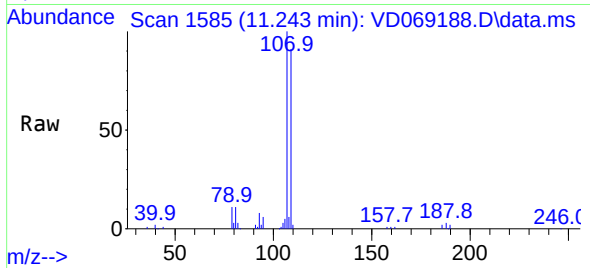


Tgt Ion: 129 Resp: 165464
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

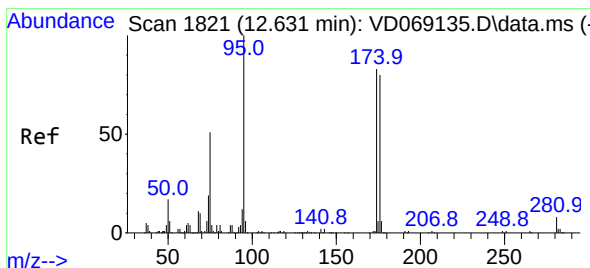
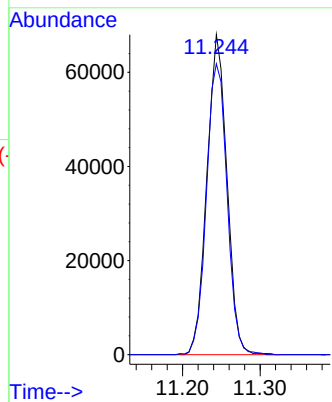
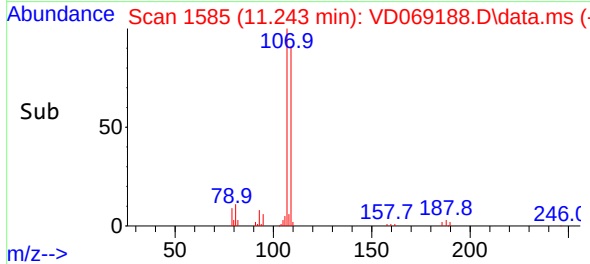




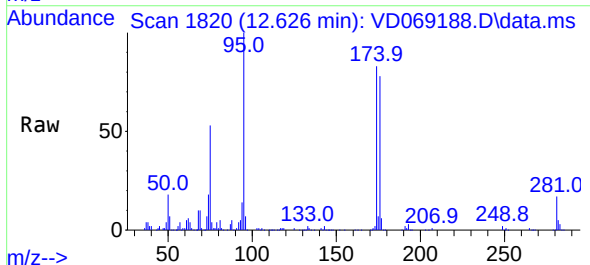
#61
1,2-Dibromoethane
Concen: 46.93 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



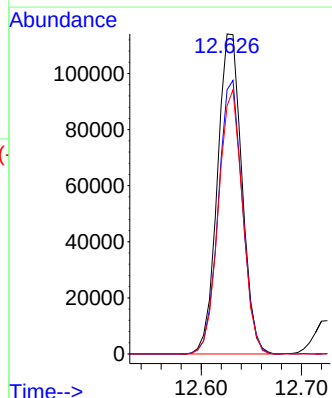
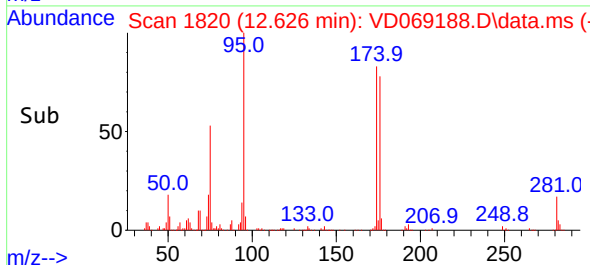
Tgt Ion:107 Resp: 122083
Ion Ratio Lower Upper
107 100
109 94.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 50.58 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



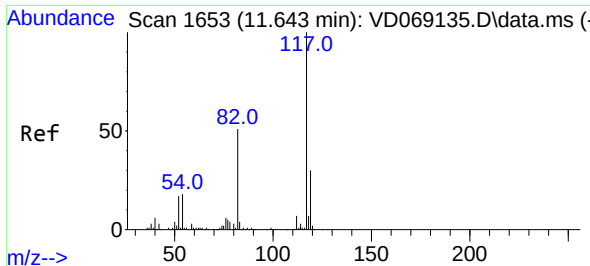
Tgt Ion: 95 Resp: 193397
Ion Ratio Lower Upper
95 100
174 83.9 0.0 171.8
176 81.0 0.0 165.4



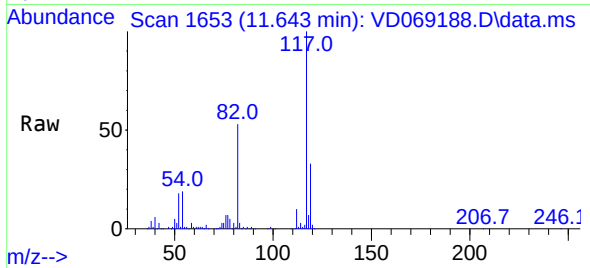
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

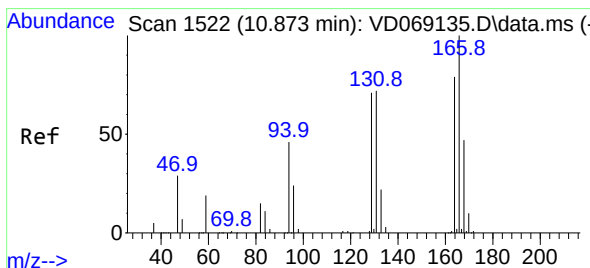
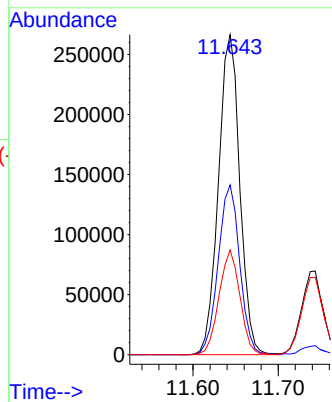
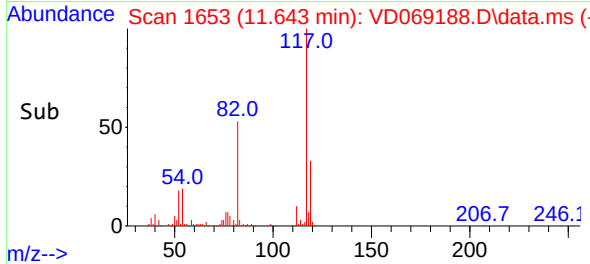
MMDadoda
5/20/2021 5:59:36 PM



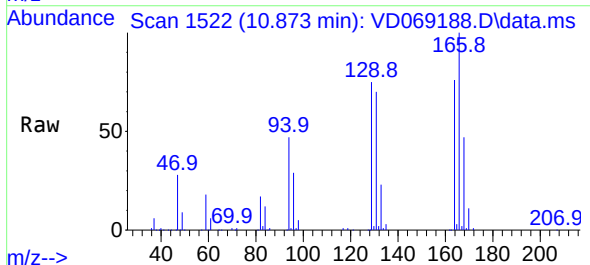
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



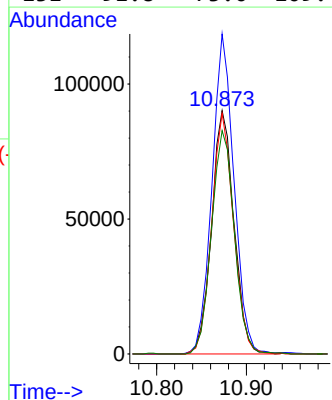
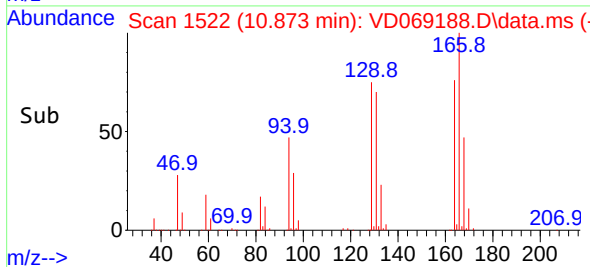
Tgt Ion:117 Resp: 464493
Ion Ratio Lower Upper
117 100
82 53.0 40.5 60.7
119 32.7 24.2 36.4



#64
Tetrachloroethene
Concen: 48.32 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



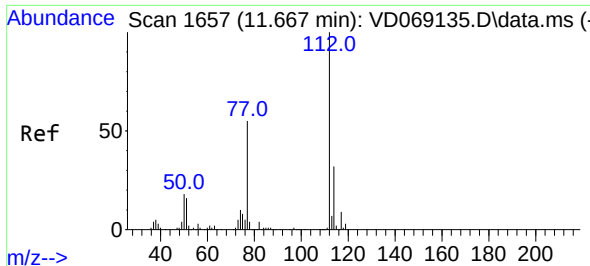
Tgt Ion:164 Resp: 155972
Ion Ratio Lower Upper
164 100
166 131.5 101.7 152.5
129 98.8 72.6 109.0
131 91.8 73.0 109.4



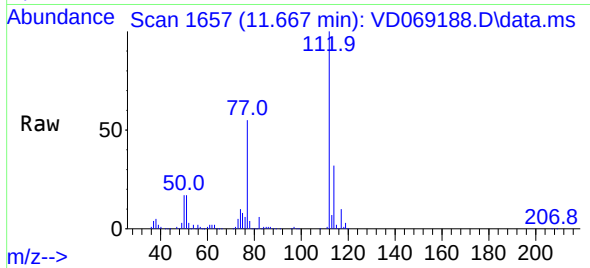
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

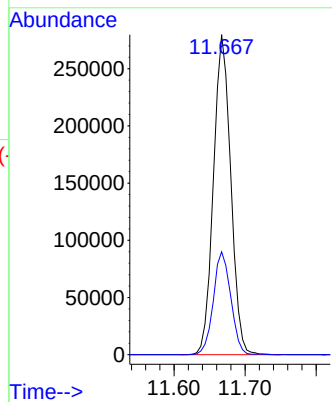
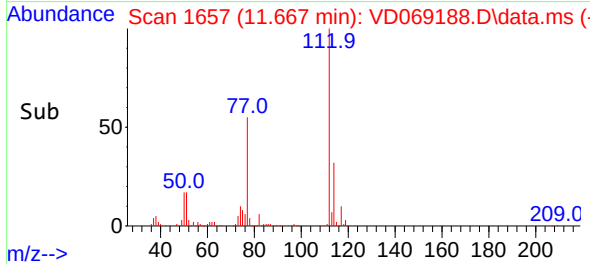
MMDadoda
5/20/2021 5:59:36 PM



#65
Chlorobenzene
Concen: 49.10 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



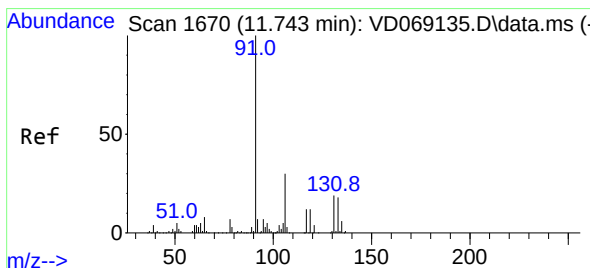
Tgt Ion:112 Resp: 472643
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



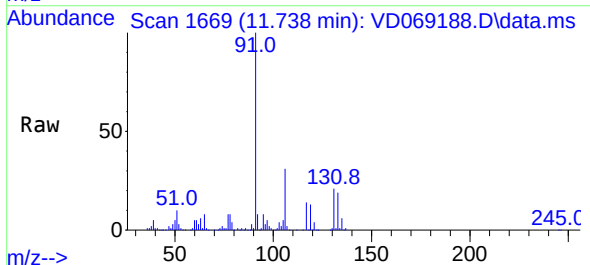
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

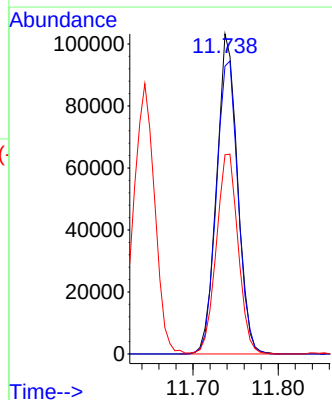
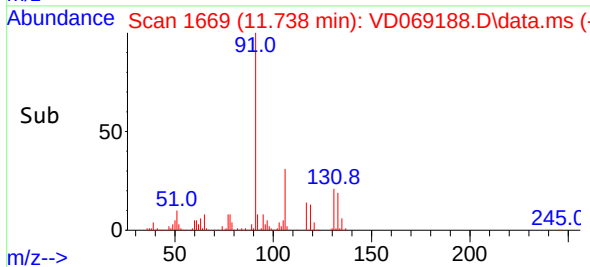
MMDadoda
5/20/2021 5:59:36 PM

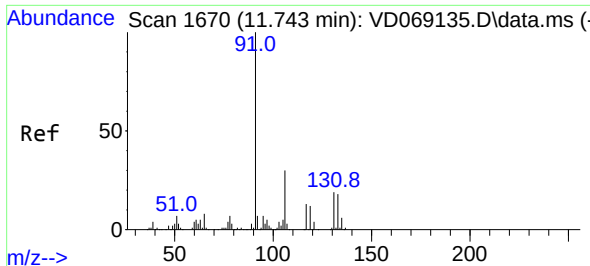


#66
1,1,1,2-Tetrachloroethane
Concen: 48.49 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



Tgt Ion:131 Resp: 176057
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 65.2 32.1 96.5





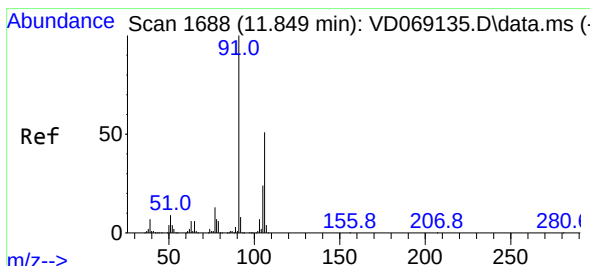
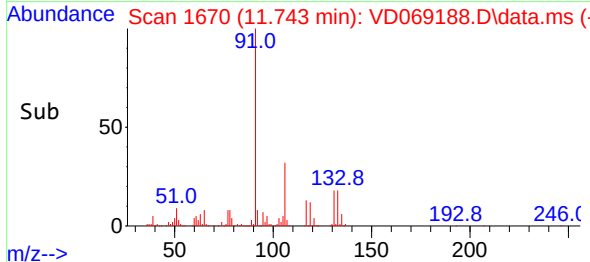
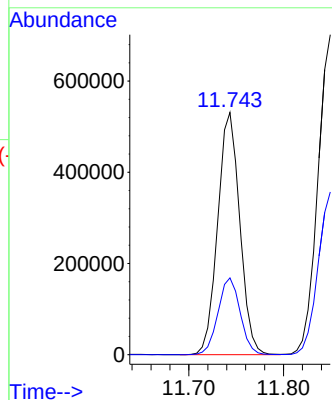
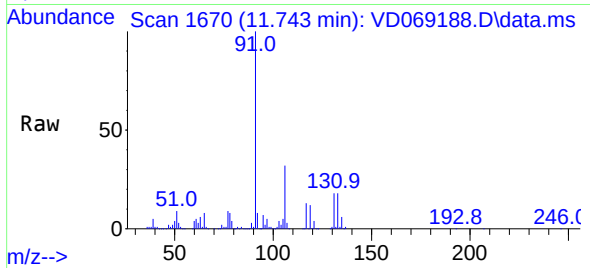
#67
Ethyl Benzene
Concen: 52.01 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 91 Resp: 861690
Ion Ratio Lower Upper
91 100
106 31.7 24.0 36.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

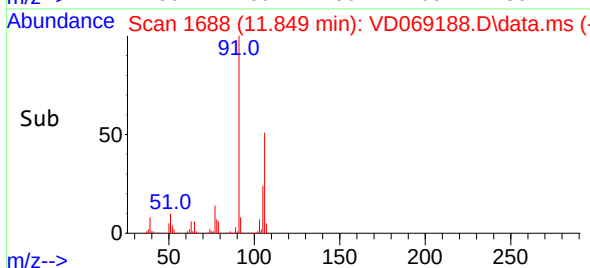
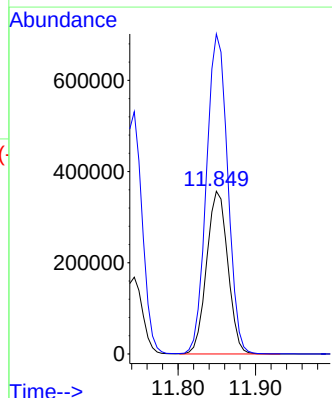
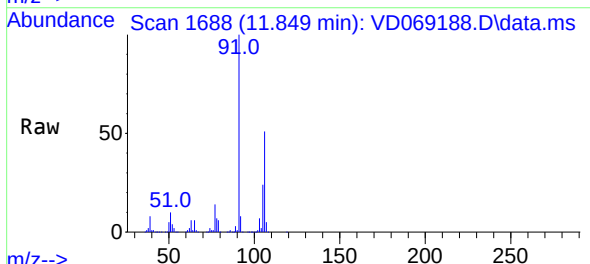
Manual Integrations
APPROVED

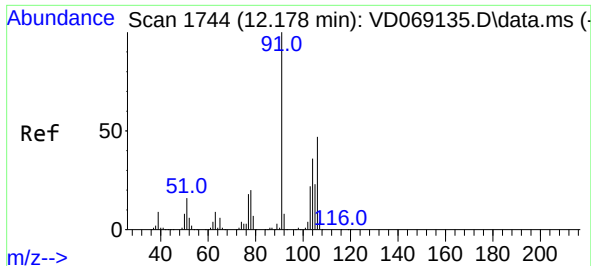
MMDadoda
5/20/2021 5:59:36 PM



#68
m/p-Xylenes
Concen: 104.23 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion:106 Resp: 676744
Ion Ratio Lower Upper
106 100
91 197.7 157.3 235.9





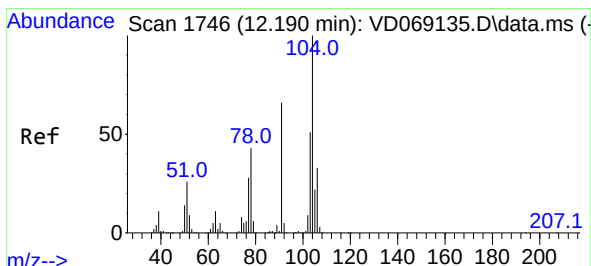
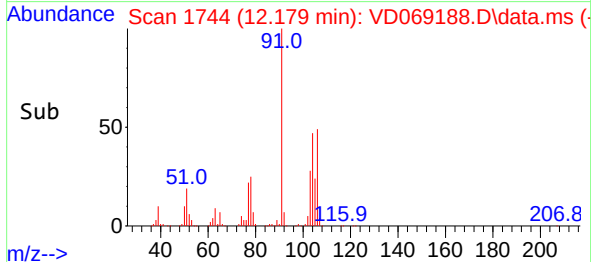
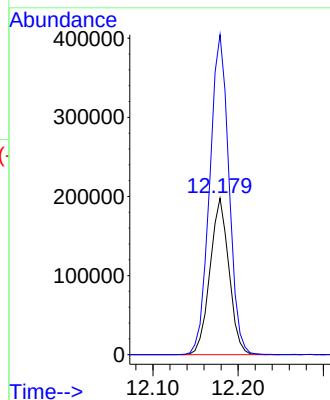
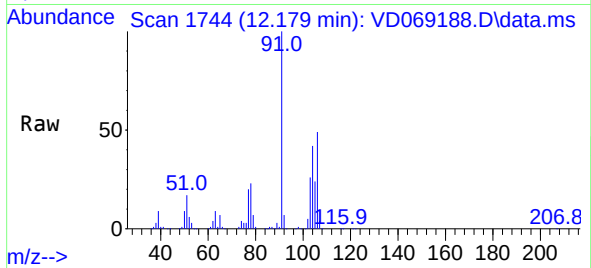
#69
o-Xylene
Concen: 52.95 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion:106 Resp: 305755
Ion Ratio Lower Upper
106 100
91 208.4 104.8 314.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

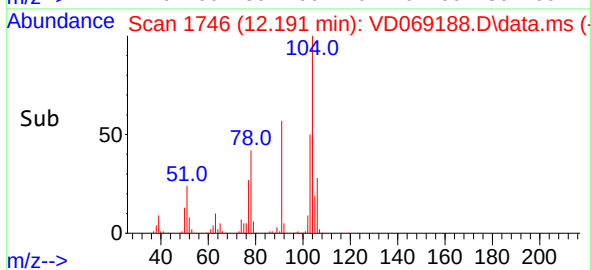
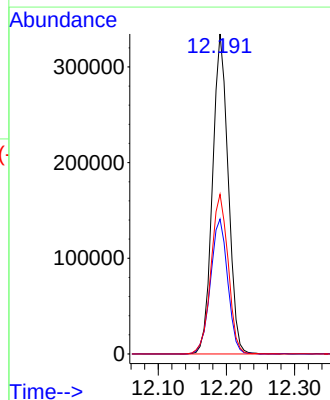
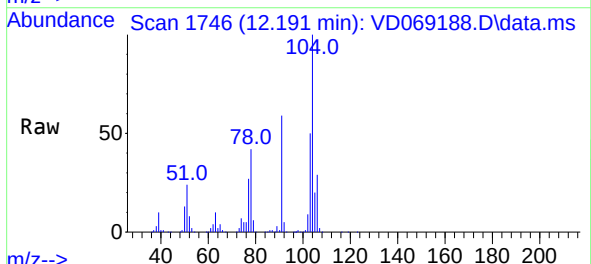
Manual Integrations
APPROVED

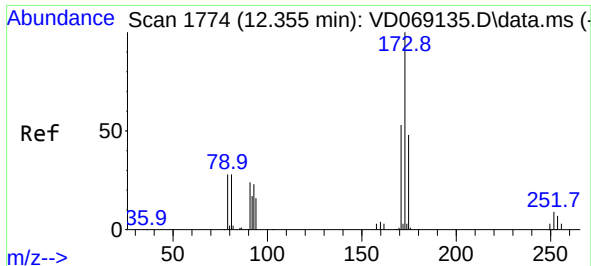
MMDadoda
5/20/2021 5:59:36 PM



#70
Styrene
Concen: 53.11 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion:104 Resp: 535271
Ion Ratio Lower Upper
104 100
78 46.2 37.8 56.6
103 54.3 44.8 67.2





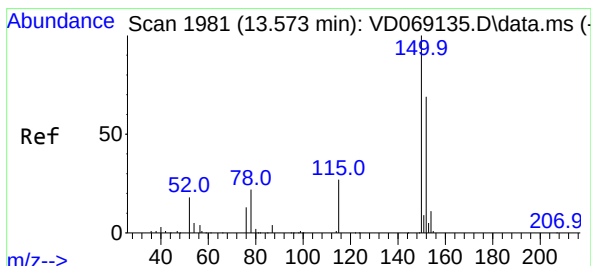
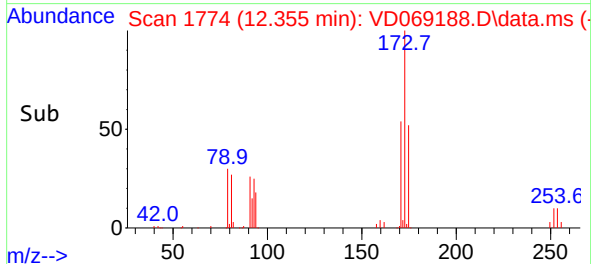
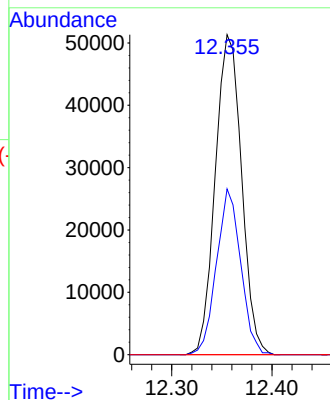
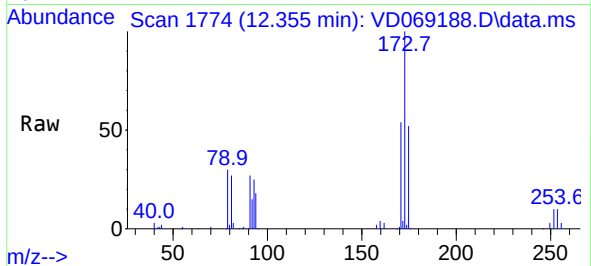
#71
Bromoform
Concen: 49.51 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion:	173	Resp:	93493
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.3	73.0
254	0.0	0.0	0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

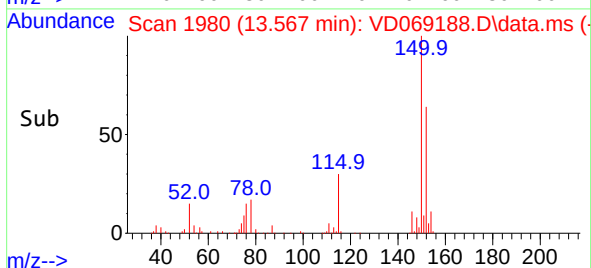
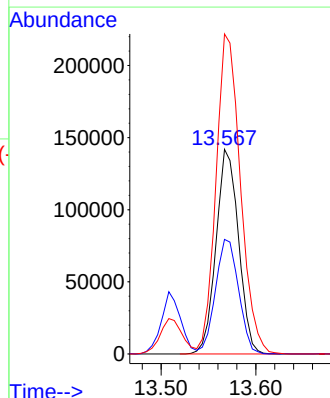
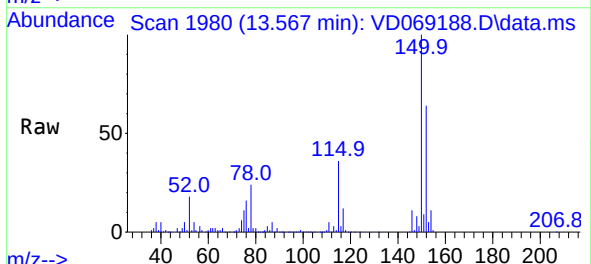
Manual Integrations
APPROVED

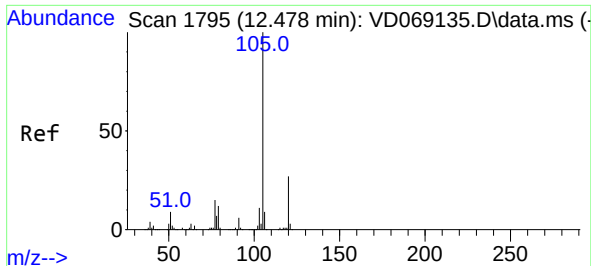
MMDadoda
5/20/2021 5:59:36 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion:	152	Resp:	234257
Ion Ratio	Lower	Upper	
152	100		
115	57.7	29.9	89.8
150	169.6	0.0	350.2





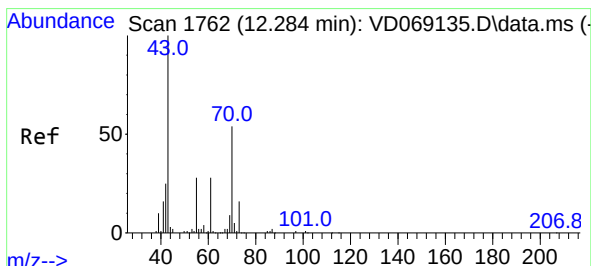
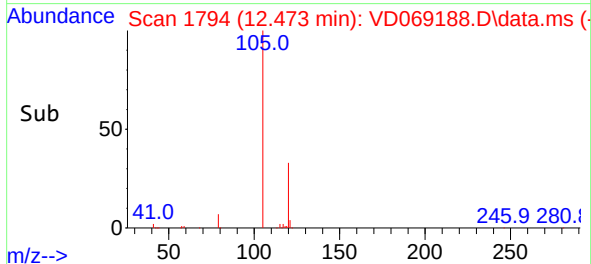
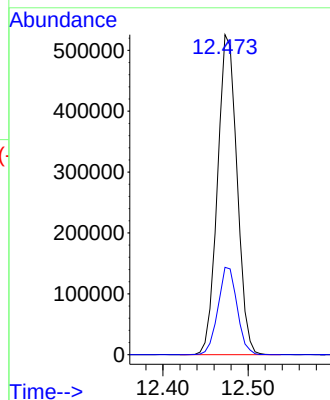
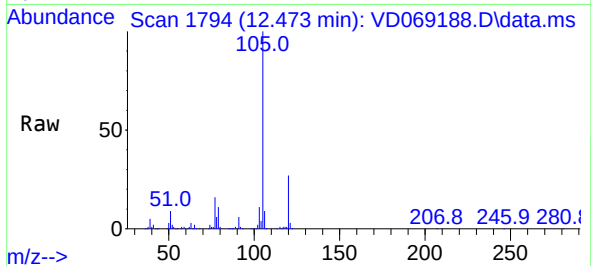
#73
Isopropylbenzene
Concen: 51.24 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 105 Resp: 838884
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

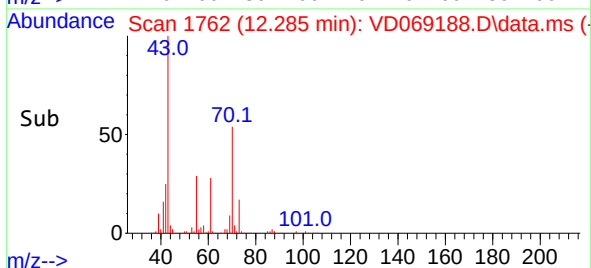
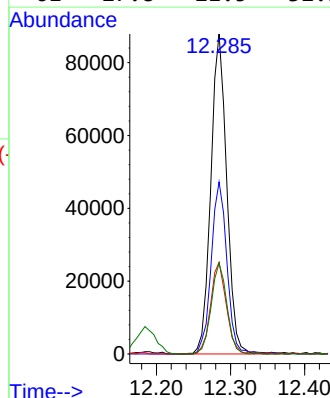
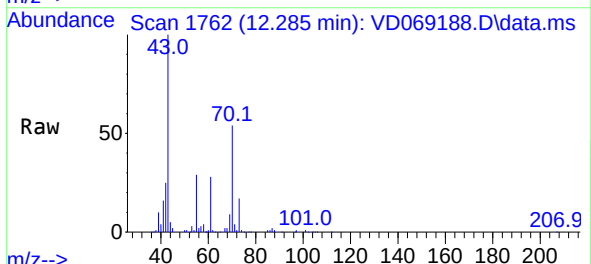
Manual Integrations
APPROVED

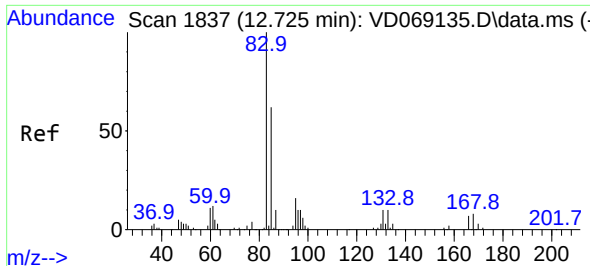
MMDadoda
5/20/2021 5:59:36 PM



#74
N-ethyl acetate
Concen: 49.00 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

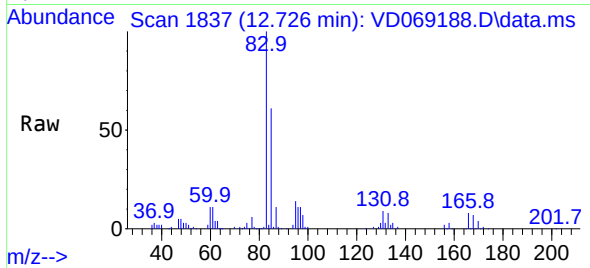
Tgt Ion: 43 Resp: 131218
Ion Ratio Lower Upper
43 100
70 53.0 41.6 62.4
55 28.3 22.6 34.0
61 27.8 21.5 32.3





#75
1,1,2,2-Tetrachloroethane
Concen: 46.85 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

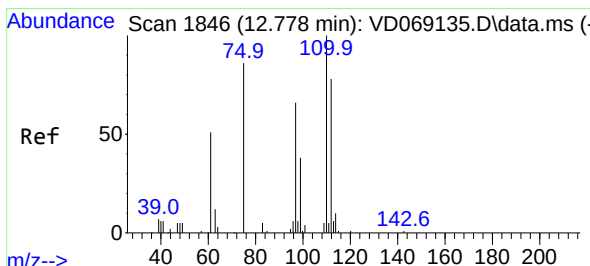
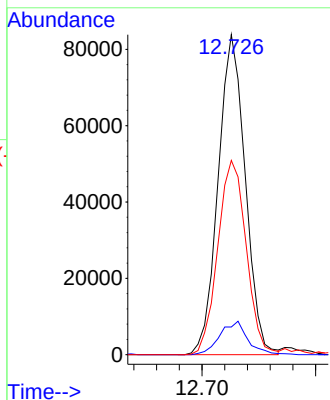
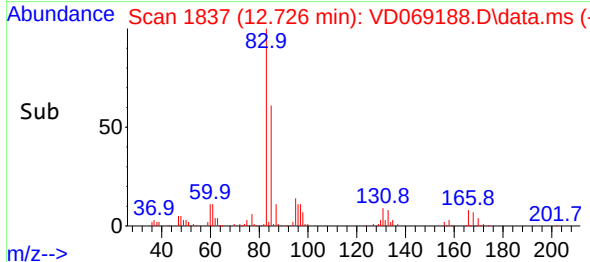
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



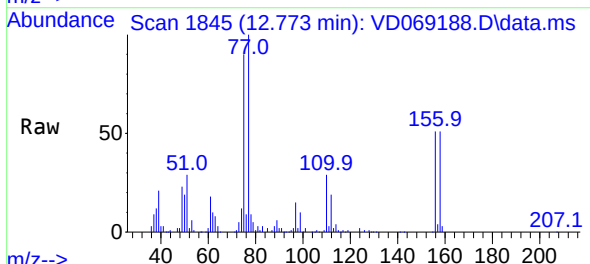
Tgt Ion: 83 Resp: 139000
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 63.7 31.9 95.5

Manual Integrations
APPROVED

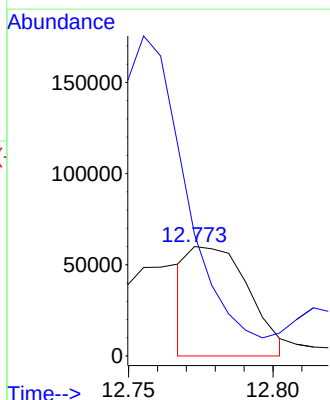
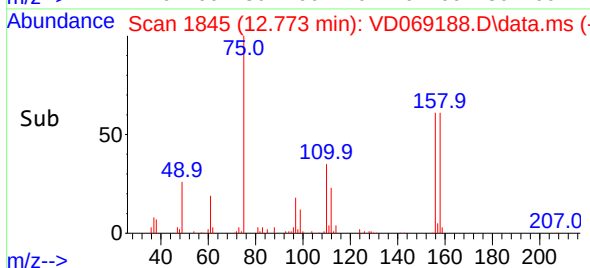
MMDadoda
5/20/2021 5:59:36 PM

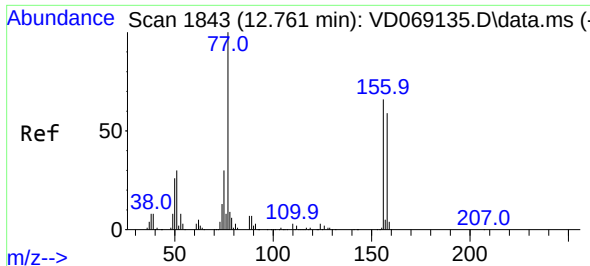


#76
1,2,3-Trichloropropane
Concen: 49.39 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

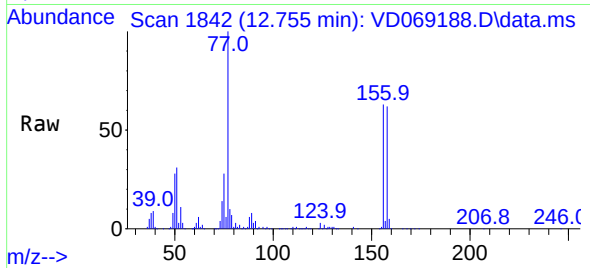


Tgt Ion: 75 Resp: 86976
Ion Ratio Lower Upper
75 100
77 374.1 0.0 0.0#

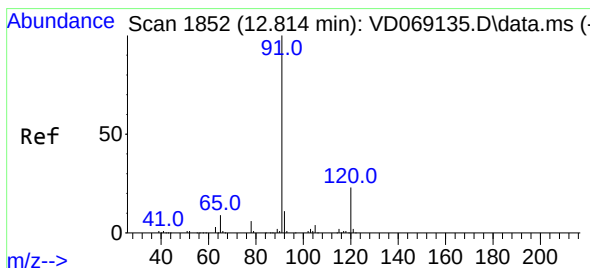
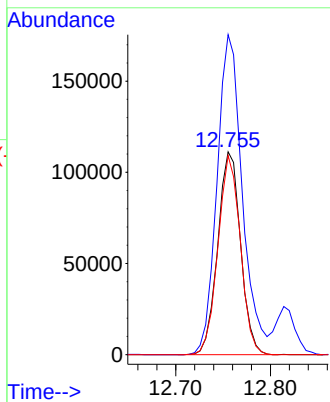
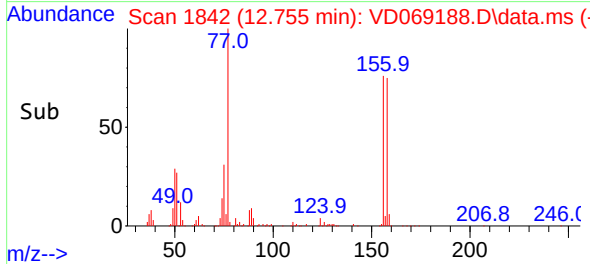




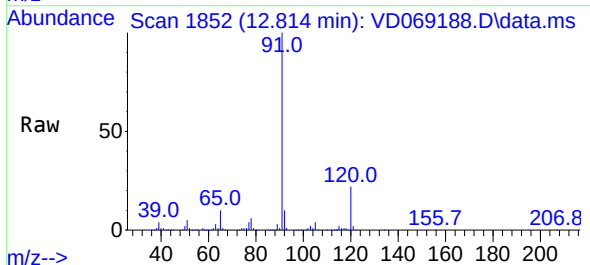
#77
Bromobenzene
Concen: 47.90 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



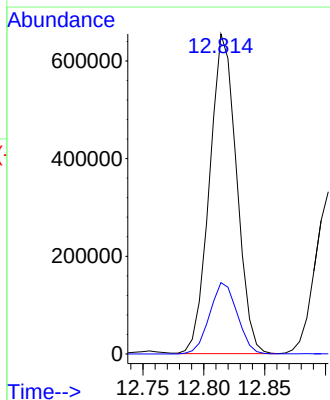
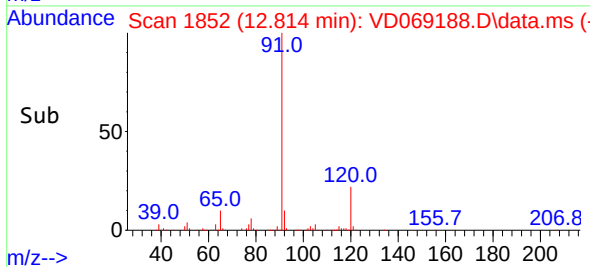
Tgt Ion:156 Resp: 186105
Ion Ratio Lower Upper
156 100
77 174.8 85.8 257.3
158 96.2 47.8 143.4



#78
n-propylbenzene
Concen: 51.12 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



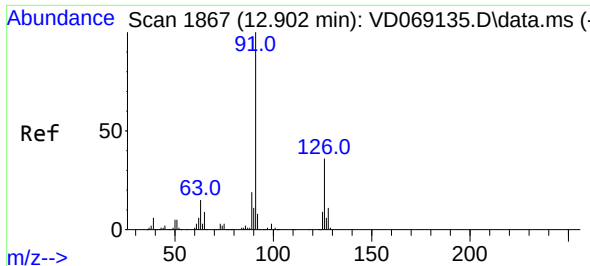
Tgt Ion: 91 Resp: 1009835
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:59:36 PM



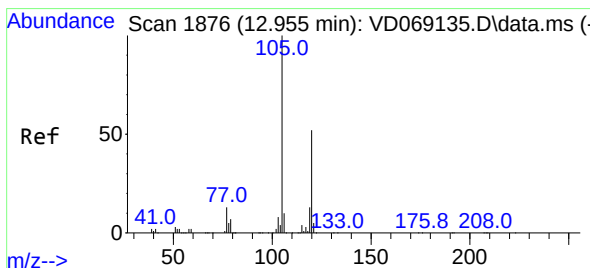
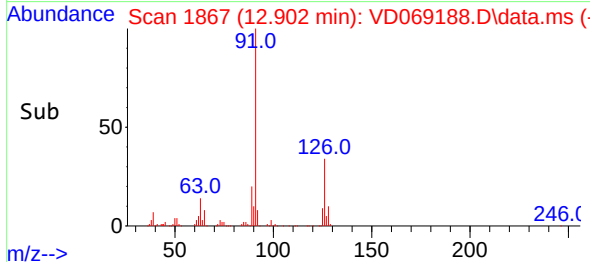
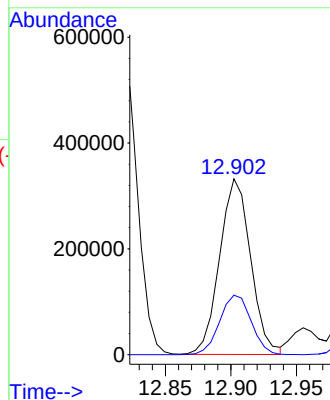
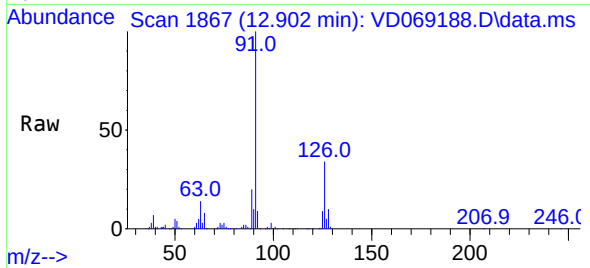
#79
2-Chlorotoluene
Concen: 49.80 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 91 Resp: 547362
Ion Ratio Lower Upper
91 100
126 34.4 18.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

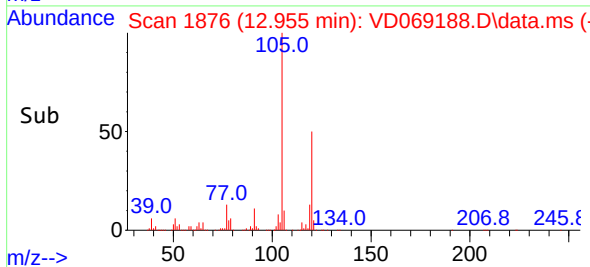
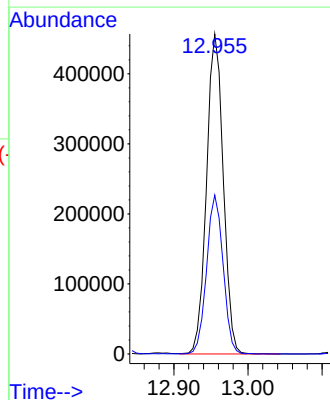
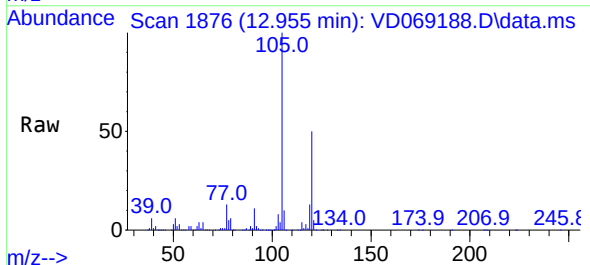
Manual Integrations
APPROVED

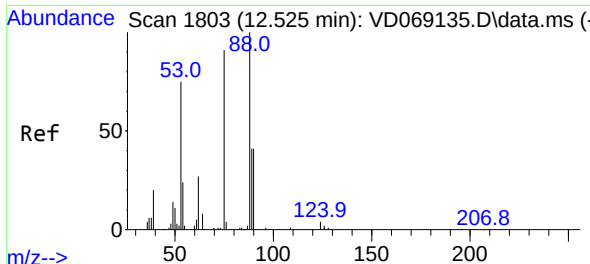
MMDadoda
5/20/2021 5:59:36 PM



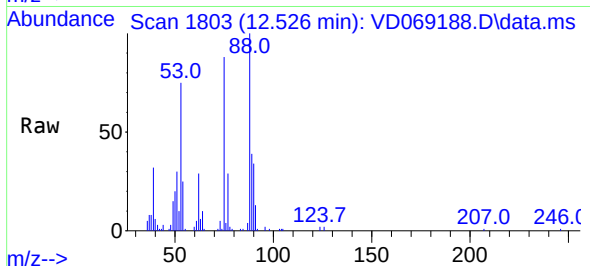
#80
1,3,5-Trimethylbenzene
Concen: 53.15 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

Tgt Ion: 105 Resp: 717542
Ion Ratio Lower Upper
105 100
120 49.0 25.3 75.8

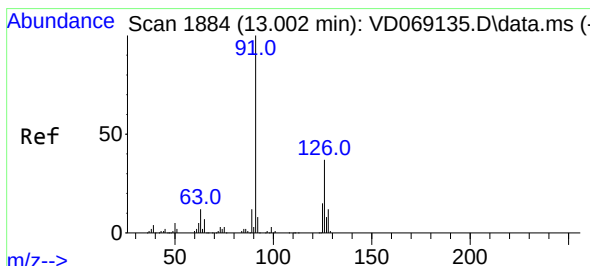
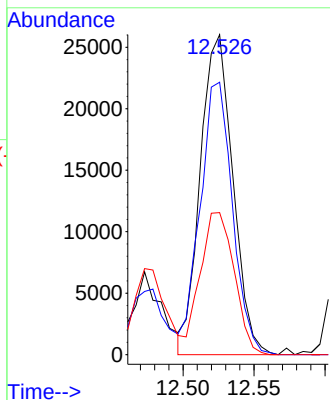
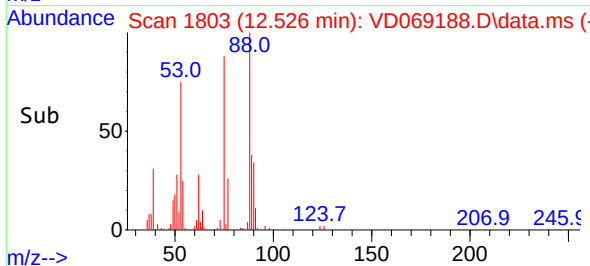




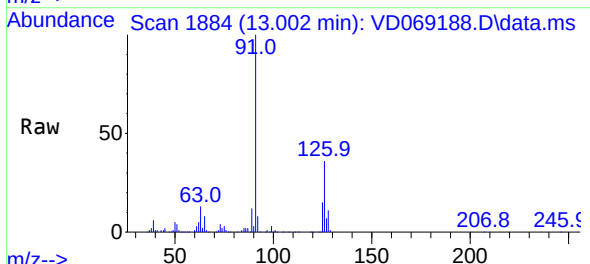
#81
trans-1,4-Dichloro-2-butene
Concen: 47.58 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



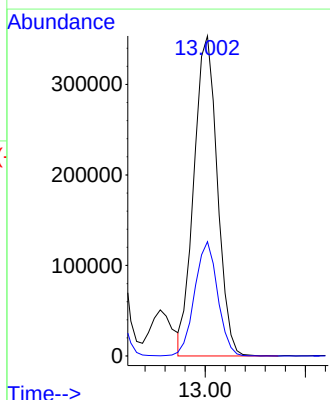
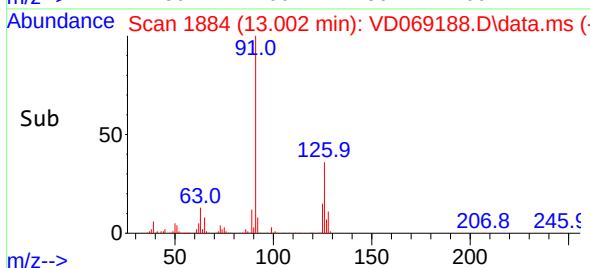
Tgt Ion: 75 Resp: 41476
Ion Ratio Lower Upper
75 100
53 84.9 70.0 105.0
89 45.8 40.2 60.2



#82
4-Chlorotoluene
Concen: 48.97 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



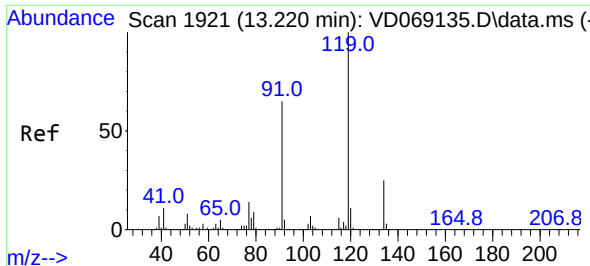
Tgt Ion: 91 Resp: 573479
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

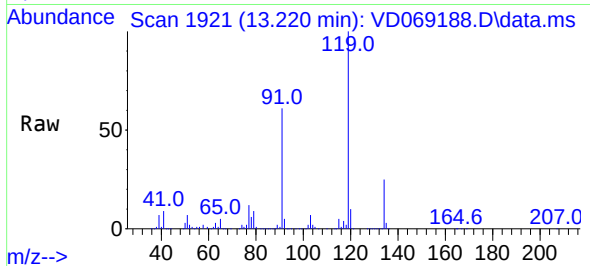
Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:59:36 PM



#83
tert-Butylbenzene
Concen: 52.10 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

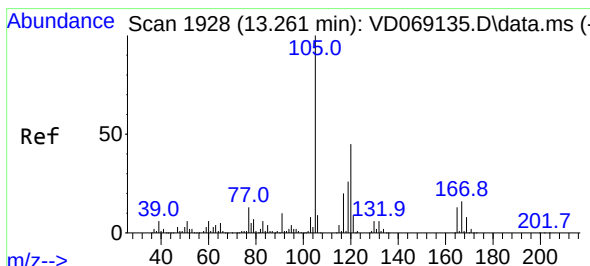
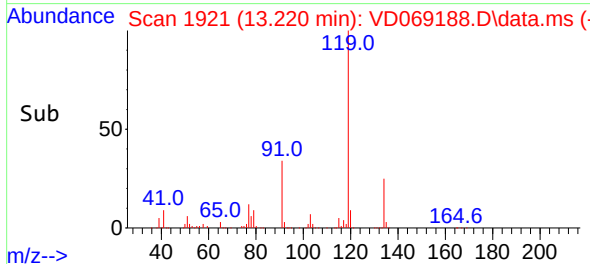
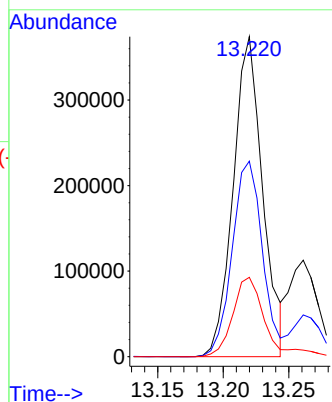
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



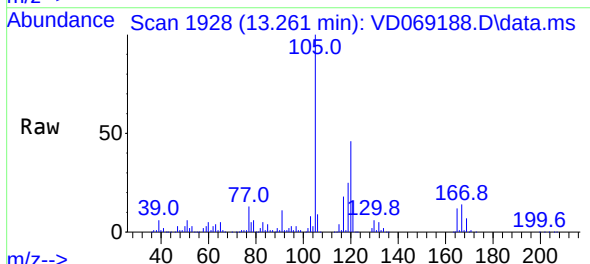
Tgt Ion:119 Resp: 586045
Ion Ratio Lower Upper
119 100
91 62.4 32.5 97.4
134 27.1 13.8 41.3

Manual Integrations
APPROVED

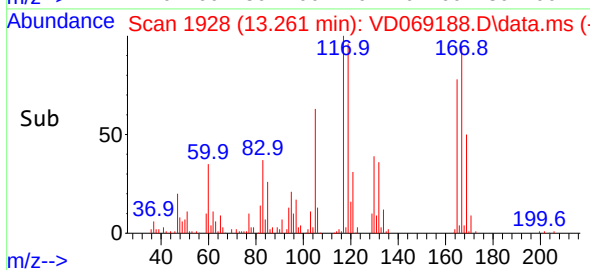
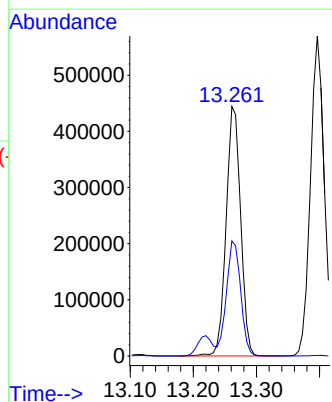
MMDadoda
5/20/2021 5:59:36 PM

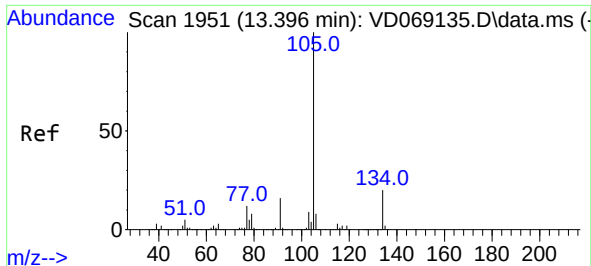


#84
1,2,4-Trimethylbenzene
Concen: 52.23 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



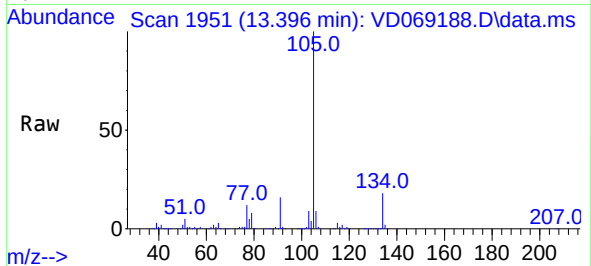
Tgt Ion:105 Resp: 709395
Ion Ratio Lower Upper
105 100
120 45.1 22.8 68.4





#85
sec-Butylbenzene
Concen: 51.14 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

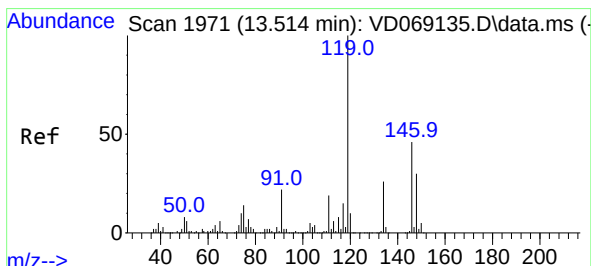
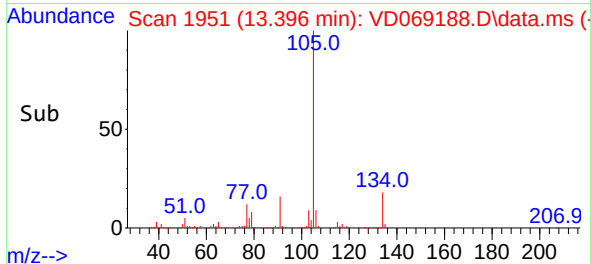
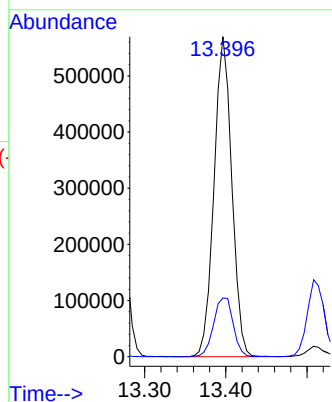
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



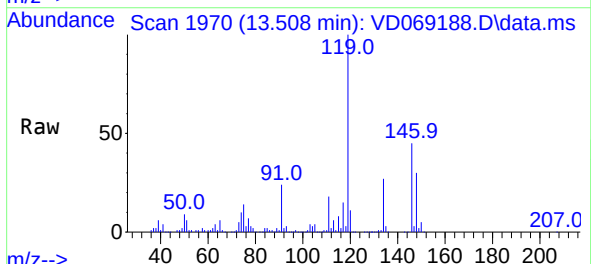
Tgt Ion:105 Resp: 865023
Ion Ratio Lower Upper
105 100
134 20.2 10.3 30.8

Manual Integrations
APPROVED

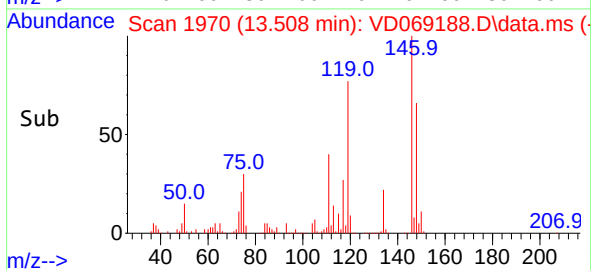
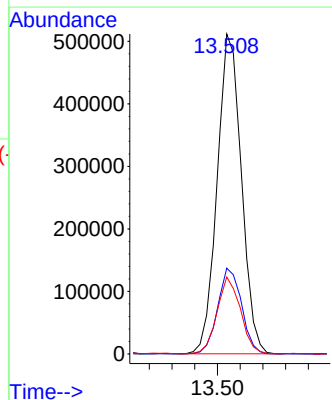
MMDadoda
5/20/2021 5:59:36 PM

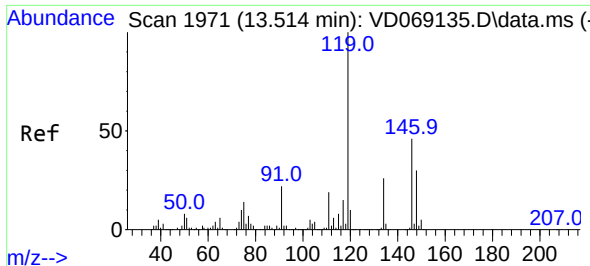


#86
p-Isopropyltoluene
Concen: 51.03 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



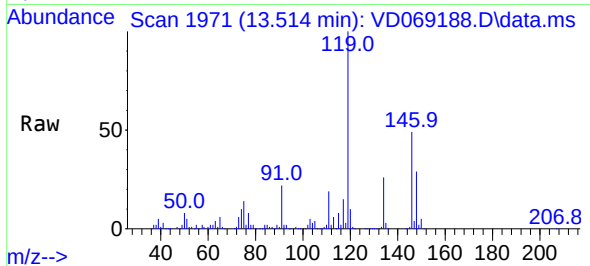
Tgt Ion:119 Resp: 758530
Ion Ratio Lower Upper
119 100
134 26.3 13.2 39.5
91 23.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 49.31 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

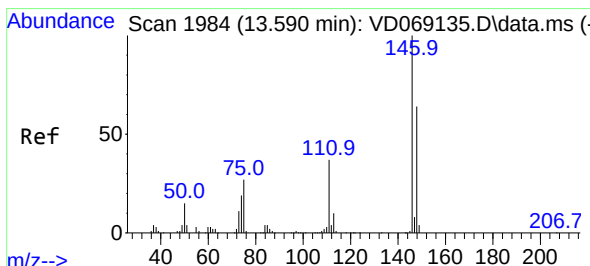
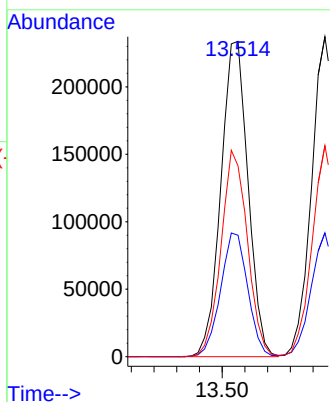
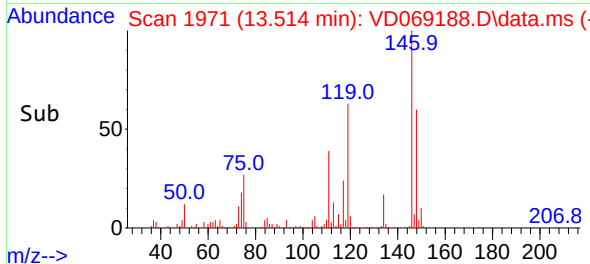
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



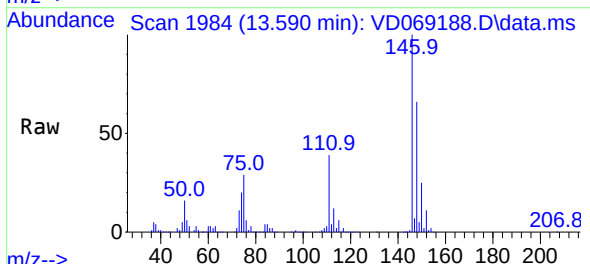
Tgt Ion:146 Resp: 387730
Ion Ratio Lower Upper
146 100
111 39.4 19.9 59.6
148 63.7 31.6 94.8

Manual Integrations
APPROVED

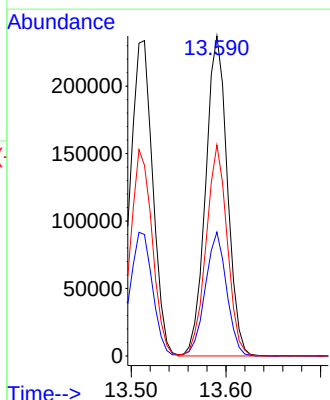
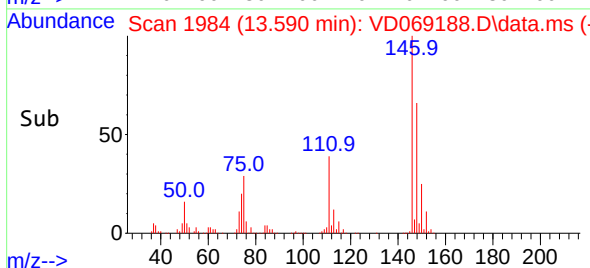
MMDadoda
5/20/2021 5:59:36 PM

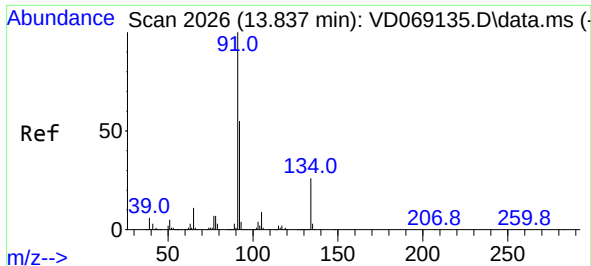


#88
1,4-Dichlorobenzene
Concen: 48.33 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

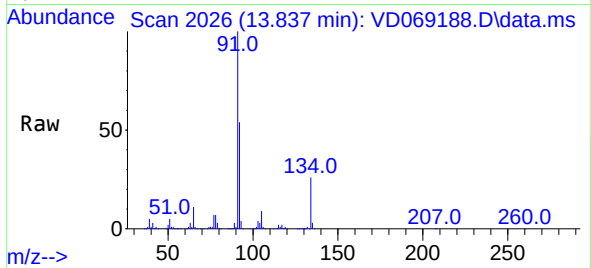


Tgt Ion:146 Resp: 376412
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.2
148 64.2 32.4 97.0

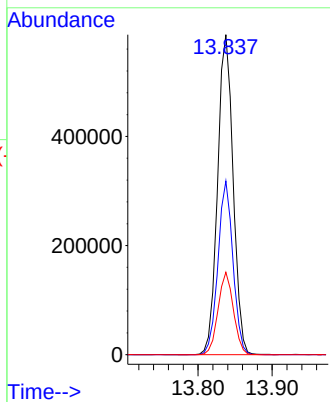
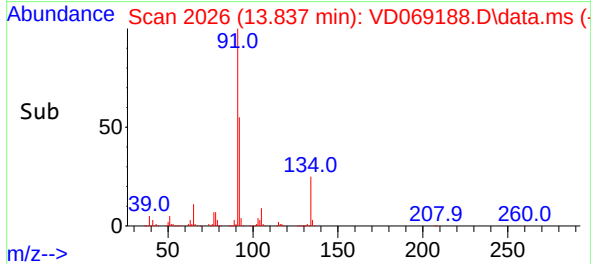




#89
n-Butylbenzene
Concen: 61.61 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



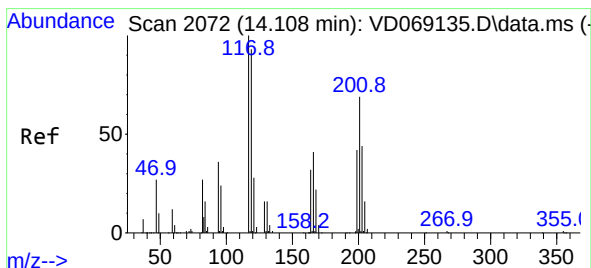
Tgt Ion: 91 Resp: 853222
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 25.5 13.0 39.0



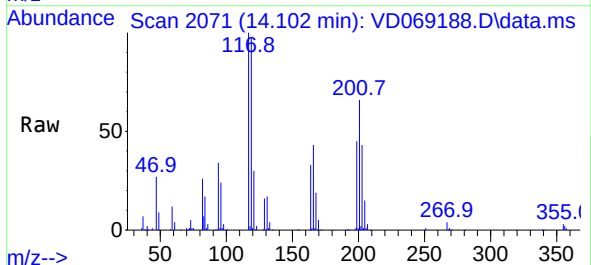
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

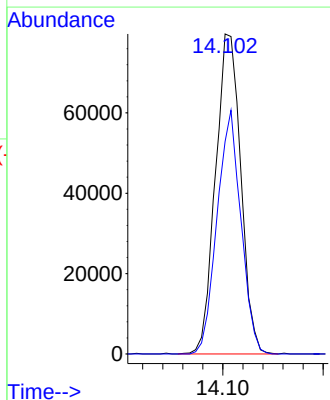
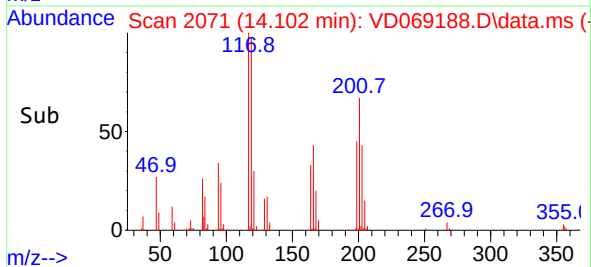
MMDadoda
5/20/2021 5:59:36 PM

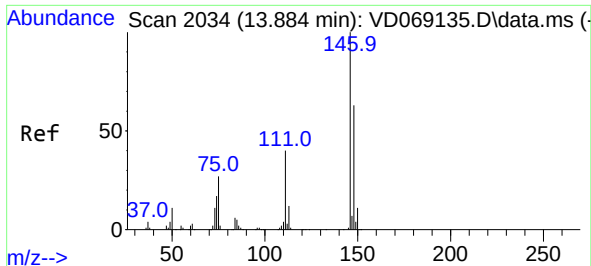


#90
Hexachloroethane
Concen: 50.07 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55

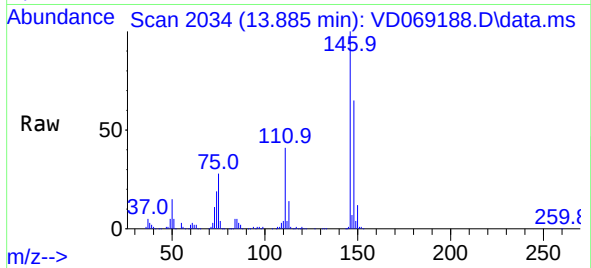


Tgt Ion: 117 Resp: 139453
Ion Ratio Lower Upper
117 100
201 71.8 35.4 106.1

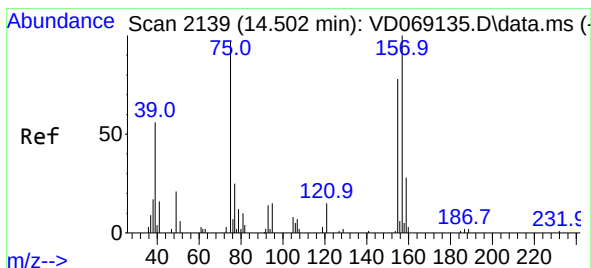
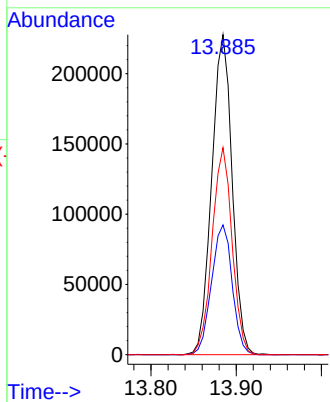
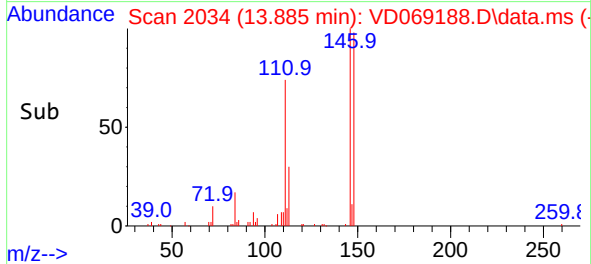




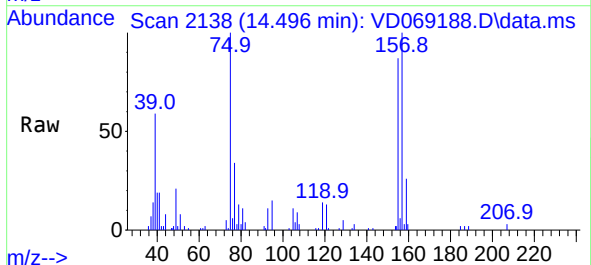
#91
1,2-Dichlorobenzene
Concen: 56.12 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



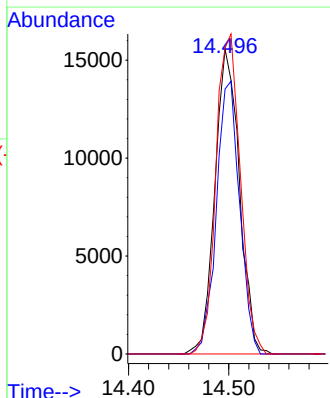
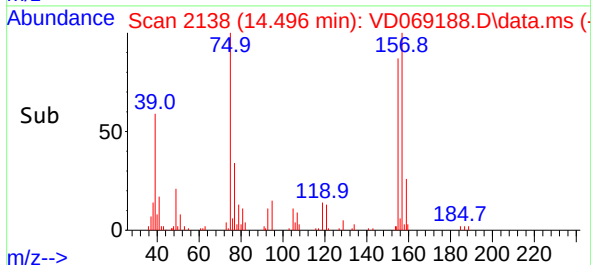
Tgt Ion:146 Resp: 378955
Ion Ratio Lower Upper
146 100
111 41.1 20.3 61.0
148 63.3 31.3 93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.35 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



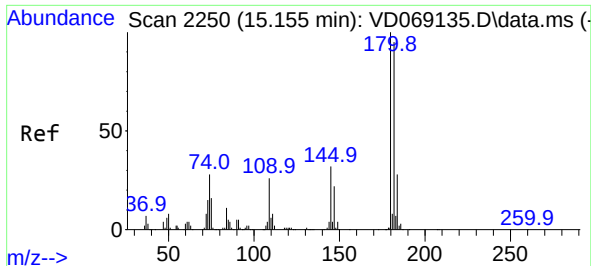
Tgt Ion: 75 Resp: 26410
Ion Ratio Lower Upper
75 100
155 84.8 43.9 131.7
157 104.3 54.9 164.7



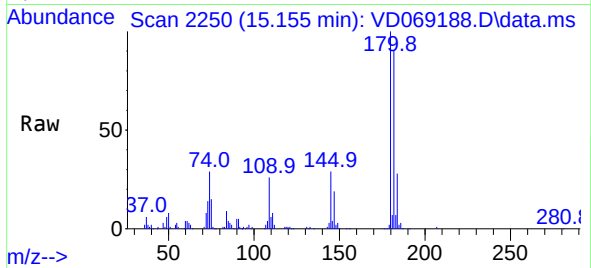
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

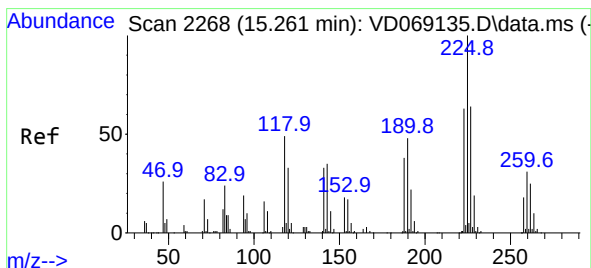
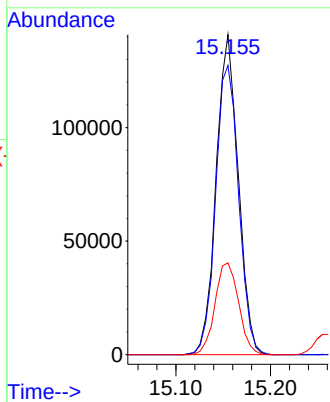
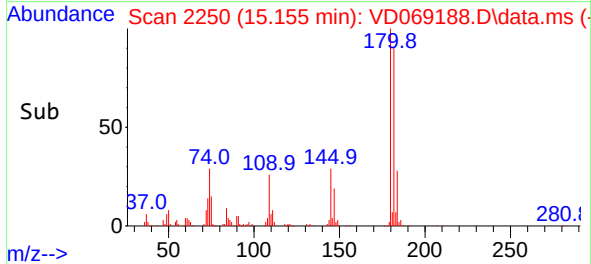
MMDadoda
5/20/2021 5:59:36 PM



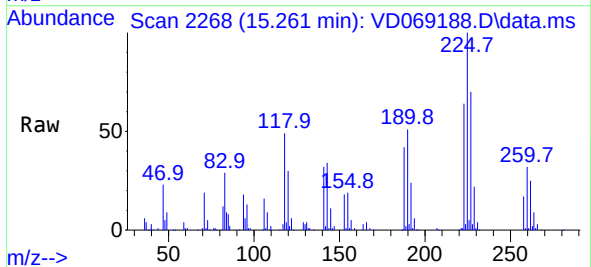
#93
1,2,4-Trichlorobenzene
Concen: 55.32 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



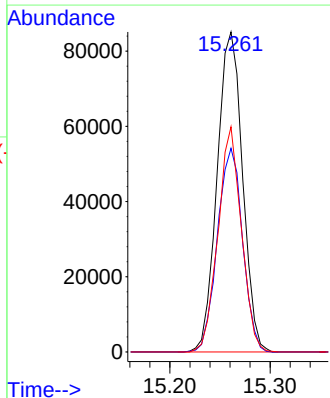
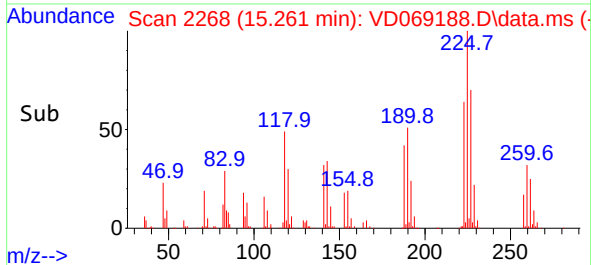
Tgt Ion:180 Resp: 228919
Ion Ratio Lower Upper
180 100
182 93.9 47.8 143.3
145 30.6 15.6 46.8



#94
Hexachlorobutadiene
Concen: 60.17 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



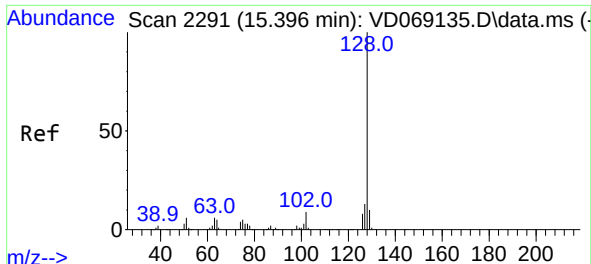
Tgt Ion:225 Resp: 149444
Ion Ratio Lower Upper
225 100
223 63.0 31.1 93.5
227 64.7 31.6 95.0



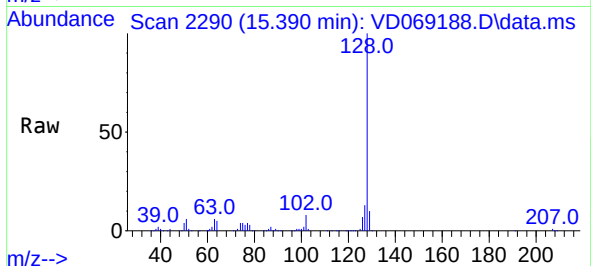
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

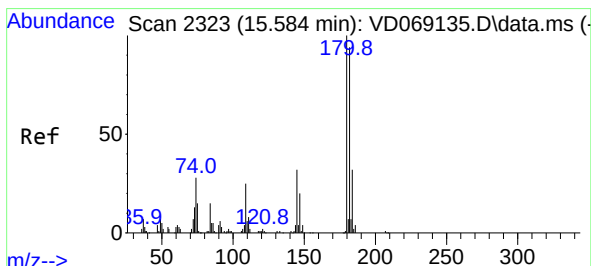
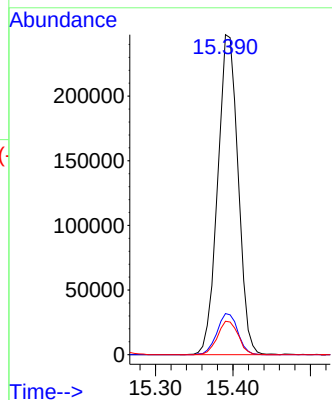
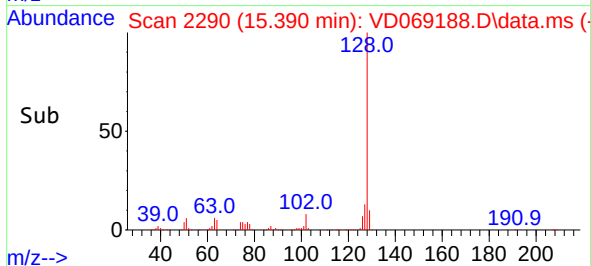
MMDadoda
5/20/2021 5:59:36 PM



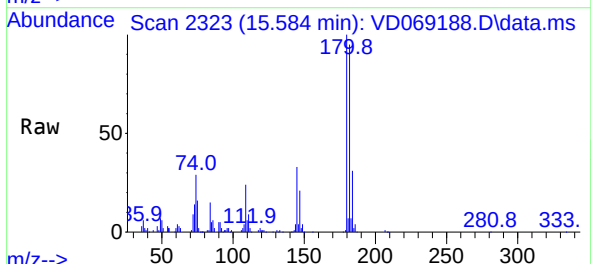
#95
Naphthalene
Concen: 58.74 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



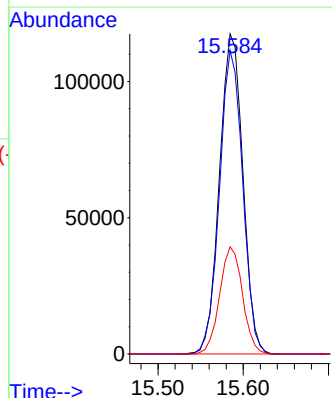
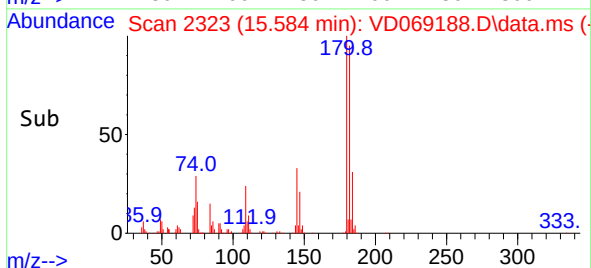
Tgt Ion:128 Resp: 453188
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.6 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 63.29 ug/l
RT: 15.584 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VD069188.D
Acq: 19 May 2021 10:55



Tgt Ion:180 Resp: 224085
Ion Ratio Lower Upper
180 100
182 93.7 47.8 143.4
145 32.7 16.1 48.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/20/2021 5:59:36 PM