

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
 Data File : VD068417.D
 Acq On : 23 Feb 2021 10:23
 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
 2/24/2021 1:35:18 PM

Quant Time: Feb 23 14:03:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	411686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	693709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	625346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	285078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	232102	55.15	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.30%			
35) Dibromofluoromethane	7.914	113	237927	57.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.56%			
50) Toluene-d8	10.343	98	945562	55.40	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.80%			
62) 4-Bromofluorobenzene	12.631	95	302449	54.40	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	157756	41.82	ug/l	100
3) Chloromethane	2.214	50	178511	39.75	ug/l	95
4) Vinyl Chloride	2.356	62	230978	42.96	ug/l	99
5) Bromomethane	2.767	94	165328	43.02	ug/l	100
6) Chloroethane	2.926	64	155128	44.17	ug/l	99
7) Trichlorofluoromethane	3.273	101	304187	45.97	ug/l	97
8) Diethyl Ether	3.714	74	92603	47.65	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	188591	46.83	ug/l	94
10) Methyl Iodide	4.303	142	194570	51.45	ug/l	92
11) Tert butyl alcohol	5.220	59	52449	248.57	ug/l #	90
12) 1,1-Dichloroethene	4.073	96	176703	45.13	ug/l	93
13) Acrolein	3.926	56	71803	297.59	ug/l	98
14) Allyl chloride	4.720	41	223859	43.97	ug/l	97
15) Acrylonitrile	5.420	53	199848	238.24	ug/l	99
16) Acetone	4.155	43	166313	256.13	ug/l	92
17) Carbon Disulfide	4.408	76	471888	41.61	ug/l	98
18) Methyl Acetate	4.720	43	84849	47.61	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	431449	48.84	ug/l	94
20) Methylene Chloride	4.961	84	219183	48.48	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	205093	45.26	ug/l	94
22) Diisopropyl ether	6.361	45	519671	46.13	ug/l	96
23) Vinyl Acetate	6.302	43	1390575	239.06	ug/l	99
24) 1,1-Dichloroethane	6.261	63	357304	46.35	ug/l	99
25) 2-Butanone	7.214	43	220550	242.93	ug/l	97
26) 2,2-Dichloropropane	7.208	77	317648	48.18	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	241365	46.86	ug/l	96
28) Bromochloromethane	7.549	49	166850	52.19	ug/l	87
29) Tetrahydrofuran	7.561	42	136429	232.31	ug/l	98
30) Chloroform	7.708	83	381198	47.55	ug/l	97
31) Cyclohexane	7.985	56	285581	45.43	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	329252	47.53	ug/l	96
36) 1,1-Dichloropropene	8.114	75	286584	46.70	ug/l	96
37) Ethyl Acetate	7.291	43	103575	49.94	ug/l	97
38) Carbon Tetrachloride	8.096	117	281626	48.11	ug/l	100
39) Methylcyclohexane	9.355	83	336575	44.71	ug/l	99
40) Benzene	8.349	78	829215	47.37	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
 Data File : VD068417.D
 Acq On : 23 Feb 2021 10:23
 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
 2/24/2021 1:35:18 PM

Quant Time: Feb 23 14:03:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	62058m	51.99	ug/l	
42) 1,2-Dichloroethane	8.426	62	231089	49.49	ug/l	99
43) Isopropyl Acetate	8.455	43	199990	50.36	ug/l	98
44) Trichloroethene	9.114	130	228341	47.93	ug/l	99
45) 1,2-Dichloropropane	9.390	63	204045	47.77	ug/l	98
46) Dibromomethane	9.479	93	114726	49.51	ug/l	94
47) Bromodichloromethane	9.661	83	300549	50.03	ug/l	99
48) Methyl methacrylate	9.455	41	93999	47.43	ug/l	87
49) 1,4-Dioxane	9.461	88	26621	983.34	ug/l	96
51) 4-Methyl-2-Pentanone	10.232	43	516874	253.42	ug/l	100
52) Toluene	10.402	92	540729	48.05	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	283454	50.98	ug/l	98
54) cis-1,3-Dichloropropene	10.090	75	330757	48.69	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	162872	50.88	ug/l	93
56) Ethyl methacrylate	10.661	69	195372	51.44	ug/l	94
57) 1,3-Dichloropropane	10.949	76	276941	49.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.943	63	546421	268.68	ug/l	95
59) 2-Hexanone	10.985	43	351299	254.80	ug/l	98
60) Dibromochloromethane	11.143	129	203726	51.29	ug/l	100
61) 1,2-Dibromoethane	11.249	107	155713	50.34	ug/l	100
64) Tetrachloroethene	10.879	164	185287	48.15	ug/l	98
65) Chlorobenzene	11.673	112	588484	48.94	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.743	131	212187	50.58	ug/l	98
67) Ethyl Benzene	11.743	91	1047004	48.57	ug/l	98
68) m/p-Xylenes	11.855	106	791987	97.20	ug/l	99
69) o-Xylene	12.184	106	371217	49.66	ug/l	95
70) Styrene	12.196	104	640238	49.24	ug/l	99
71) Bromoform	12.361	173	111301	51.63	ug/l #	99
73) Isopropylbenzene	12.479	105	1023757	49.16	ug/l	100
74) N-amyl acetate	12.290	43	185221	50.37	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.731	83	181080	50.18	ug/l	100
76) 1,2,3-Trichloropropane	12.784	75	114786m	42.31	ug/l	
77) Bromobenzene	12.761	156	229604	49.36	ug/l	92
78) n-propylbenzene	12.820	91	1193688	47.89	ug/l	98
79) 2-Chlorotoluene	12.908	91	666367	48.27	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	831458	48.86	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.531	75	56867	52.55	ug/l	97
82) 4-Chlorotoluene	13.002	91	691770	47.40	ug/l	99
83) tert-Butylbenzene	13.226	119	718744	48.69	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	827178	48.79	ug/l	98
85) sec-Butylbenzene	13.402	105	1013123	49.08	ug/l	98
86) p-Isopropyltoluene	13.514	119	914997	49.37	ug/l	99
87) 1,3-Dichlorobenzene	13.520	146	437879	48.65	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	435503	48.63	ug/l	100
89) n-Butylbenzene	13.843	91	869135	48.06	ug/l	98
90) Hexachloroethane	14.108	117	165010	49.04	ug/l	92
91) 1,2-Dichlorobenzene	13.890	146	388380	49.77	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	26917	51.02	ug/l	90
93) 1,2,4-Trichlorobenzene	15.161	180	262056	51.27	ug/l	99
94) Hexachlorobutadiene	15.267	225	144315	51.33	ug/l	98
95) Naphthalene	15.402	128	492719	51.86	ug/l	100
96) 1,2,3-Trichlorobenzene	15.596	180	224526	50.36	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068417.D
Acq On : 23 Feb 2021 10:23
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

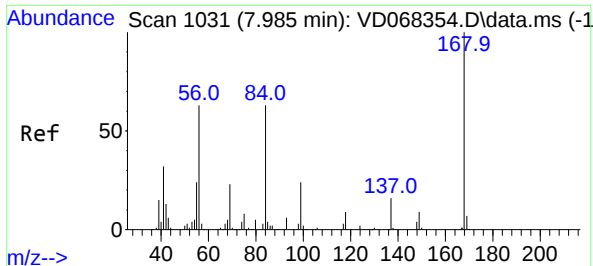
Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:18 PM

Quant Time: Feb 23 14:03:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

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

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



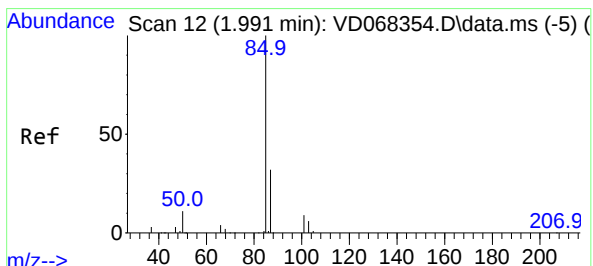
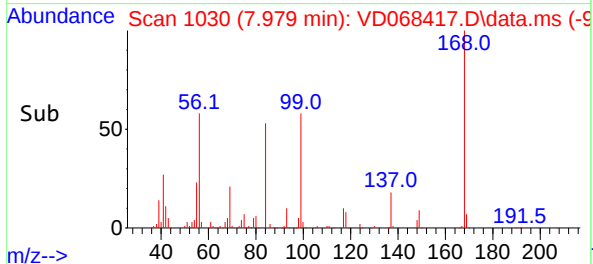
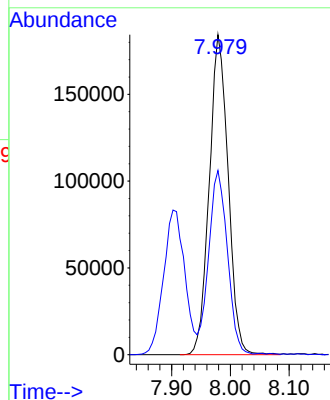
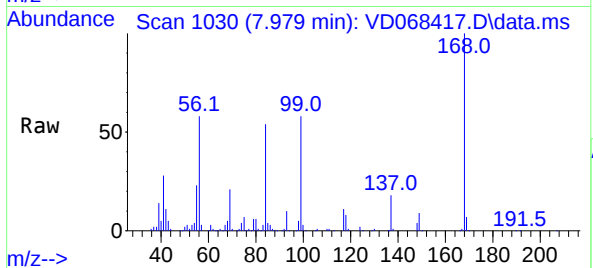
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 168 Resp: 411686
Ion Ratio Lower Upper
168 100
99 57.5 43.5 65.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

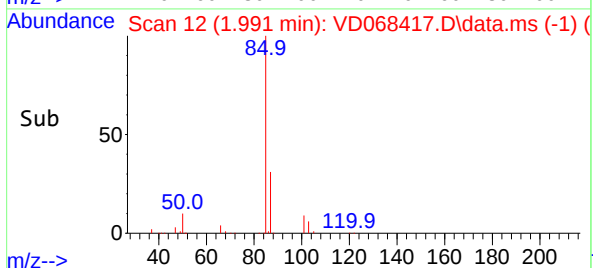
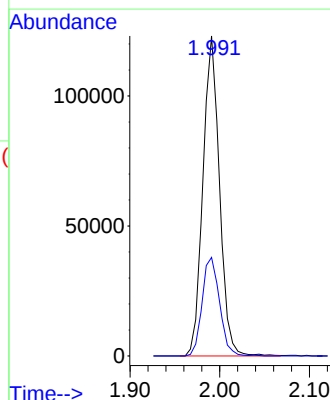
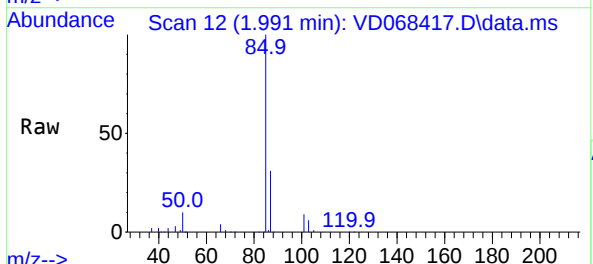
Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:18 PM

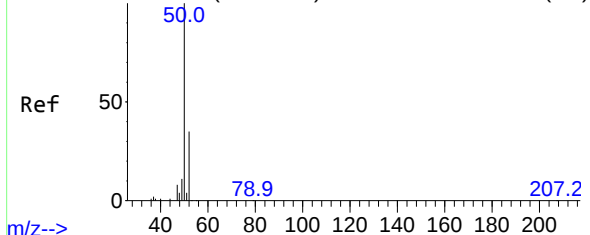


Dichlorodifluoromethane
Concen: 41.82 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 85 Resp: 157756
Ion Ratio Lower Upper
85 100
87 30.8 15.4 46.1

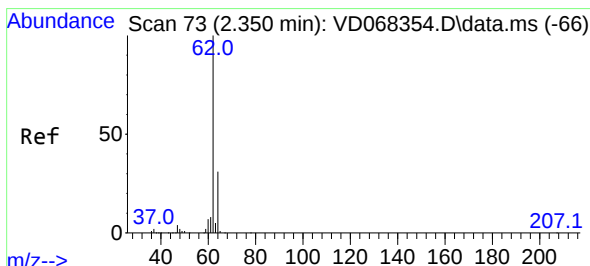
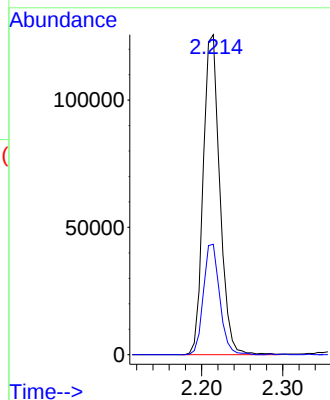
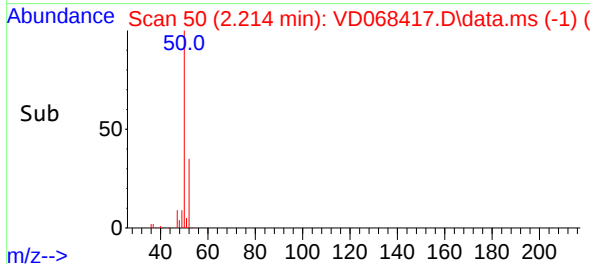
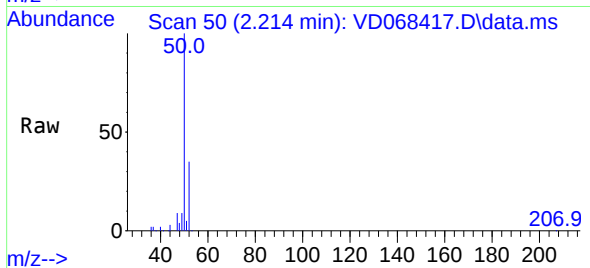


Abundance Scan 49 (2.209 min): VD068354.D\data.ms (-43)



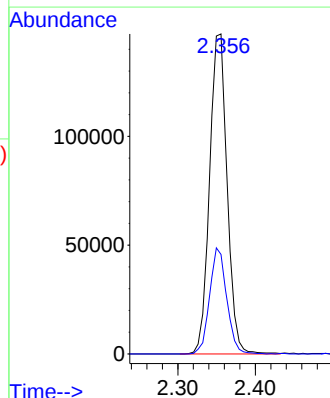
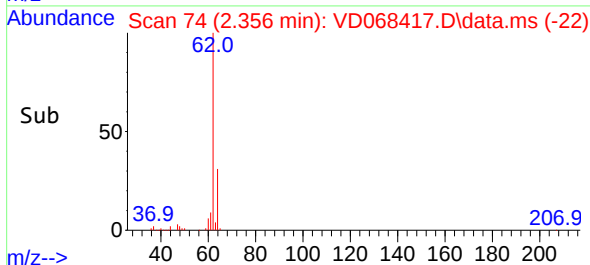
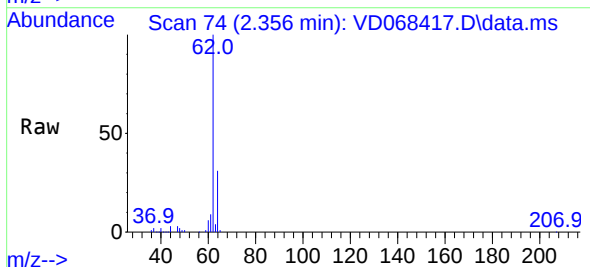
#3
Chloromethane
Concen: 39.75 ug/l
RT: 2.214 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 50 Resp: 178511
Ion Ratio Lower Upper
50 100
52 34.5 25.4 38.2



#4
Vinyl Chloride
Concen: 42.96 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

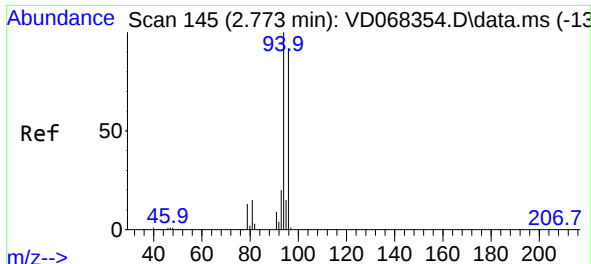
Tgt Ion: 62 Resp: 230978
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

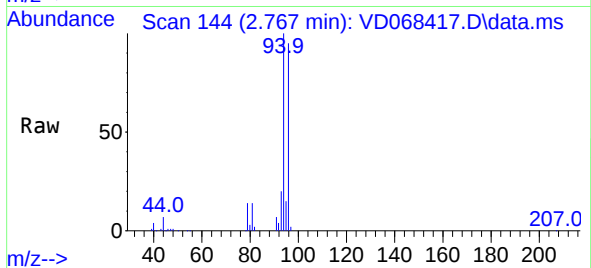
Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:18 PM



#5
Bromomethane
Concen: 43.02 ug/l
RT: 2.767 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

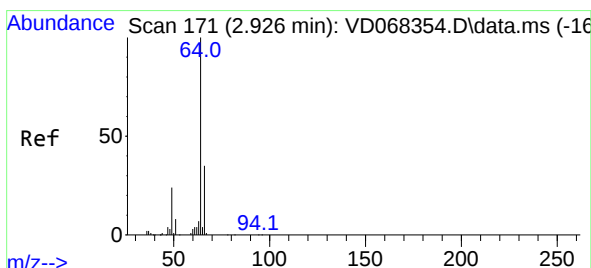
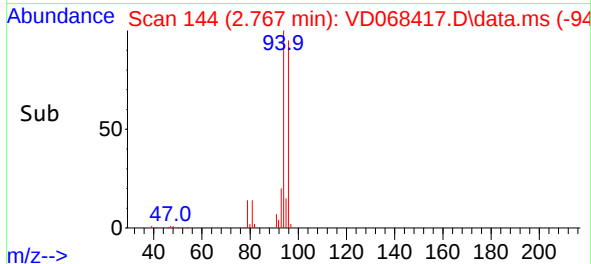
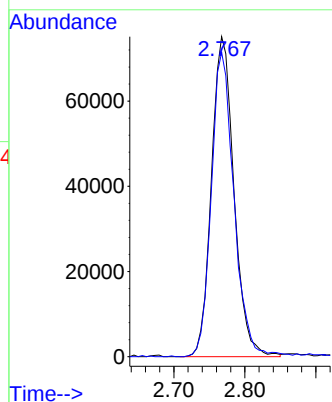
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 165328
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.8

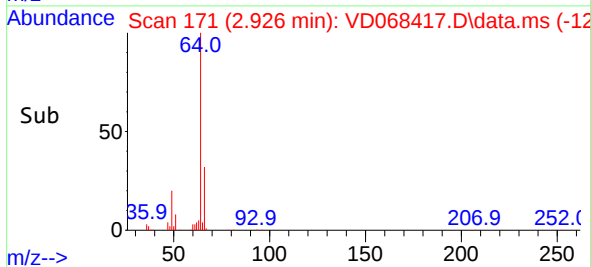
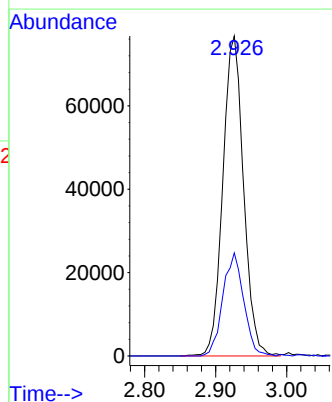
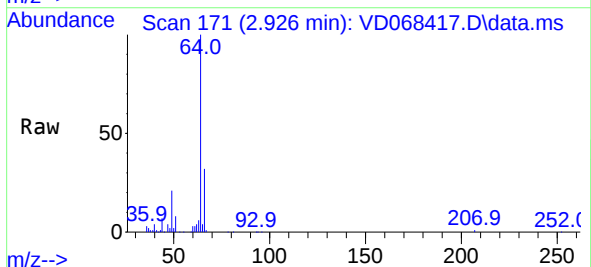
Manual Integrations
APPROVED

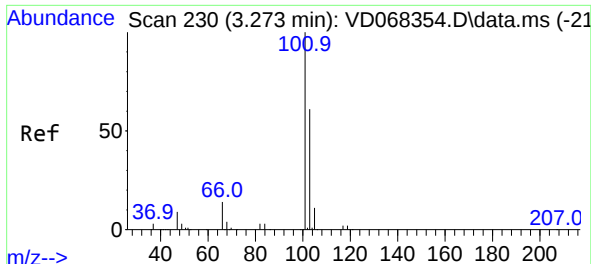
MMDadoda
2/24/2021 1:35:18 PM



#6
Chloroethane
Concen: 44.17 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

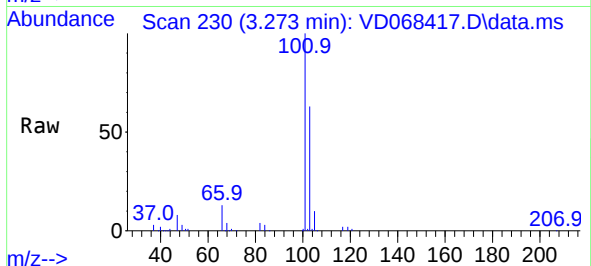
Tgt Ion: 64 Resp: 155128
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 45.97 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

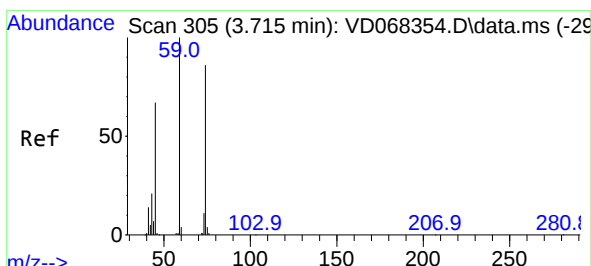
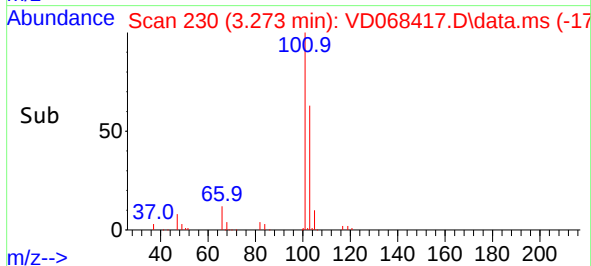
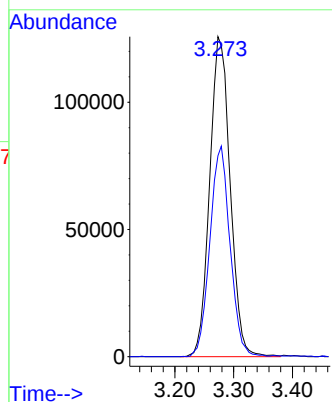
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 304187
Ion Ratio Lower Upper
101 100
103 62.8 52.0 78.0

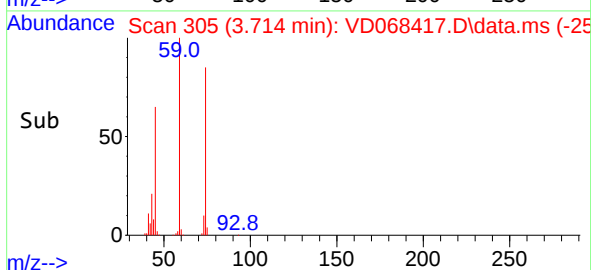
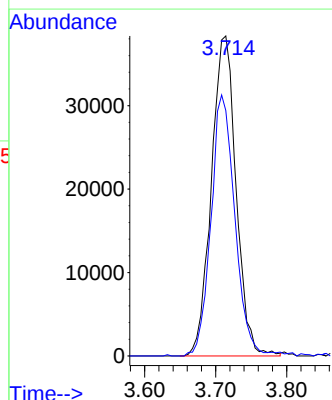
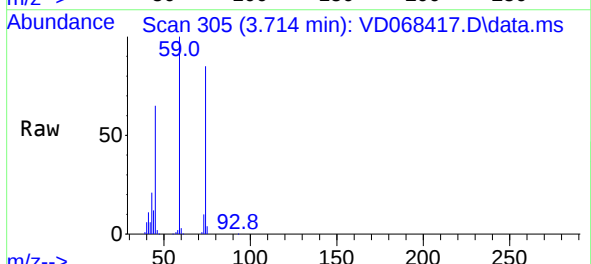
Manual Integrations
APPROVED

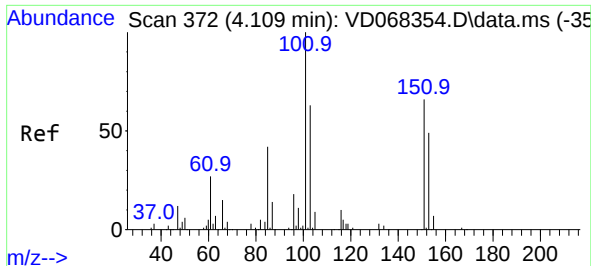
MMDadoda
2/24/2021 1:35:18 PM



#8
Diethyl Ether
Concen: 47.65 ug/l
RT: 3.714 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 74 Resp: 92603
Ion Ratio Lower Upper
74 100
45 78.4 42.1 126.4





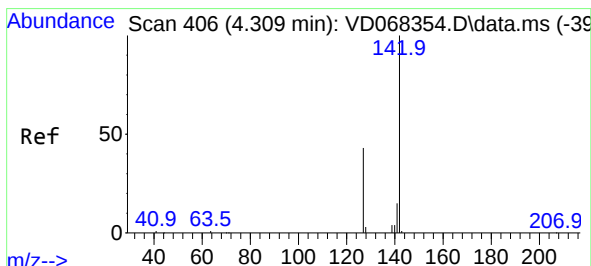
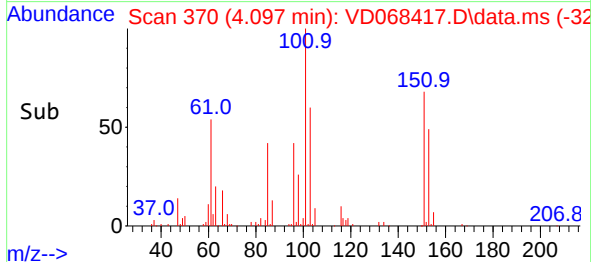
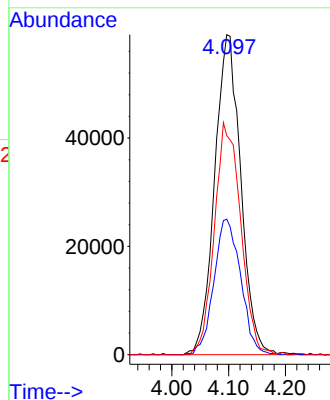
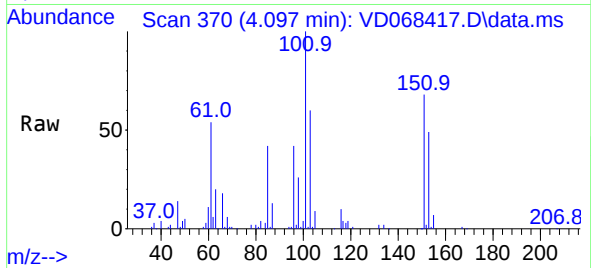
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.83 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.012 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion:101 Resp: 188591
Ion Ratio Lower Upper
101 100
85 43.5 34.0 51.0
151 73.1 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

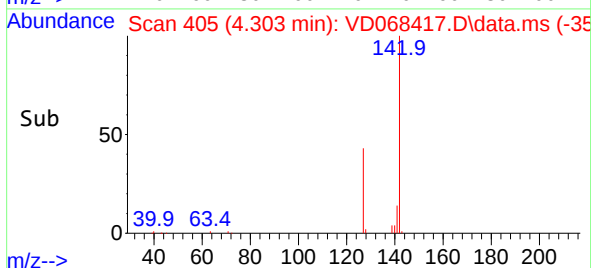
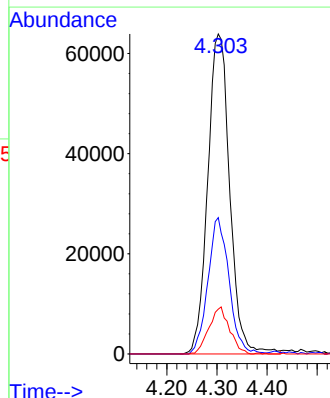
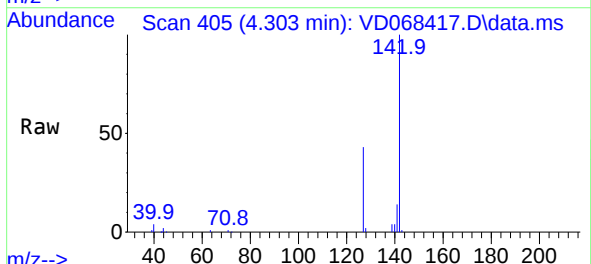
Manual Integrations
APPROVED

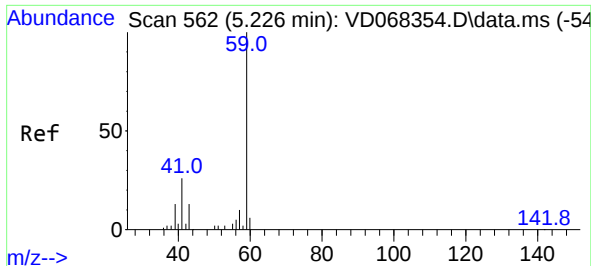
MMDadoda
2/24/2021 1:35:18 PM



#10
Methyl Iodide
Concen: 51.45 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

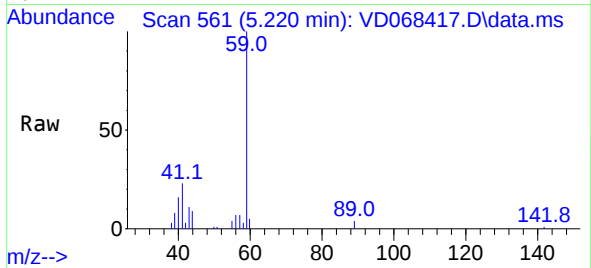
Tgt Ion:142 Resp: 194570
Ion Ratio Lower Upper
142 100
127 40.9 37.9 56.9
141 13.7 11.5 17.3





#11
Tert butyl alcohol
Concen: 248.57 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

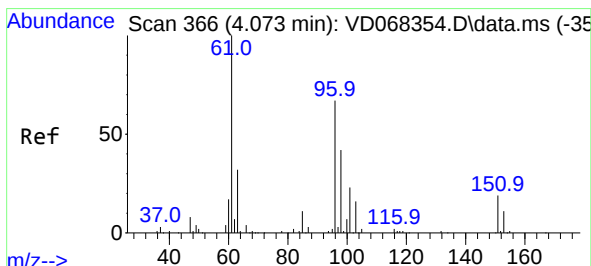
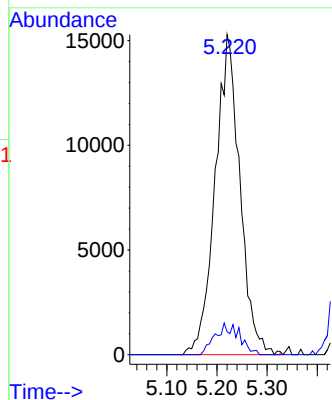
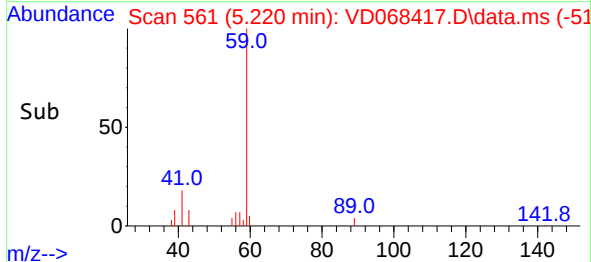
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



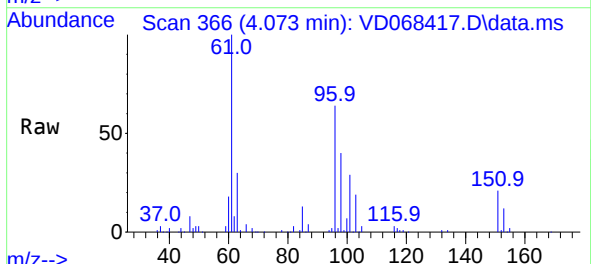
Tgt Ion: 59 Resp: 52449
Ion Ratio Lower Upper
59 100
57 5.7 7.4 11.2#

Manual Integrations
APPROVED

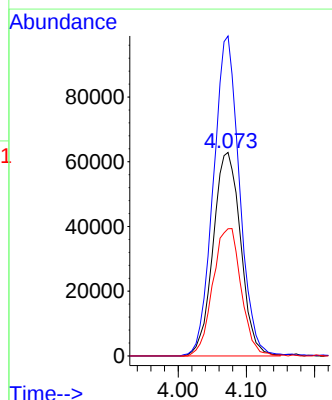
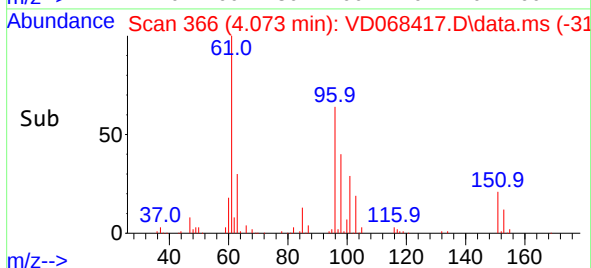
MMDadoda
2/24/2021 1:35:18 PM

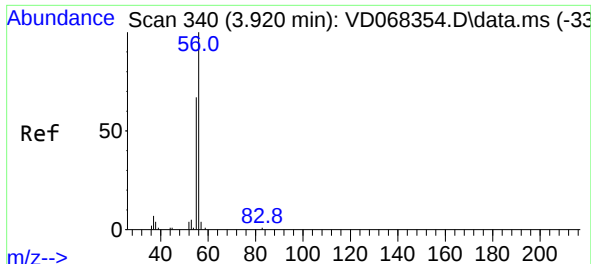


#12
1,1-Dichloroethene
Concen: 45.13 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



Tgt Ion: 96 Resp: 176703
Ion Ratio Lower Upper
96 100
61 157.2 116.2 174.4
98 62.5 48.6 73.0





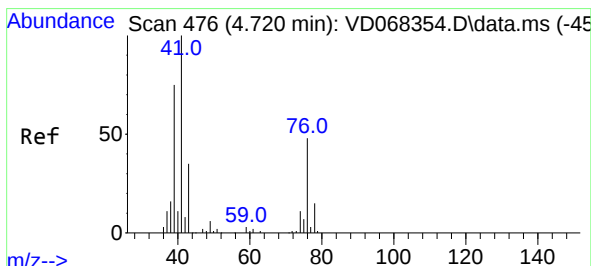
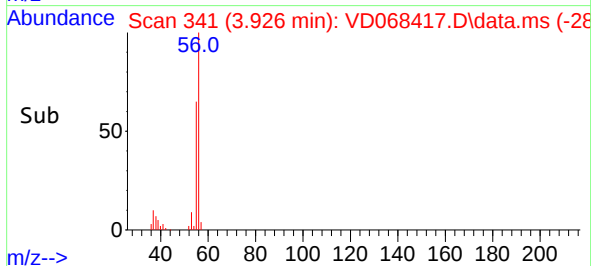
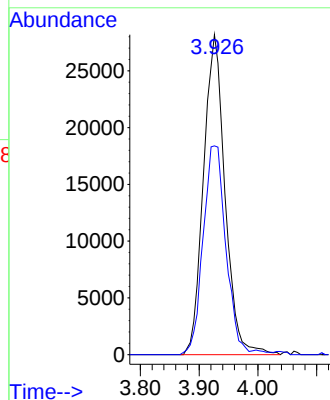
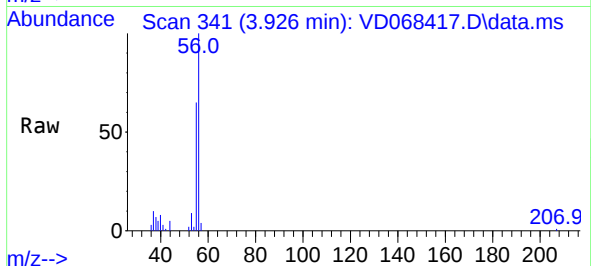
#13
Acrolein
Concen: 297.59 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 56 Resp: 71803
Ion Ratio Lower Upper
56 100
55 68.9 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

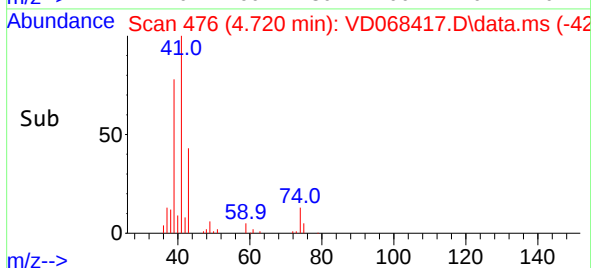
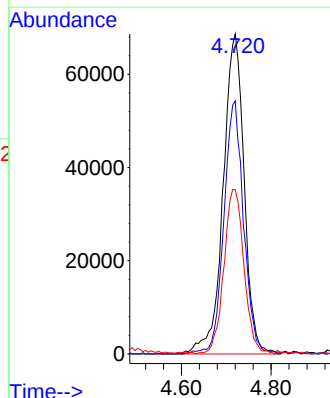
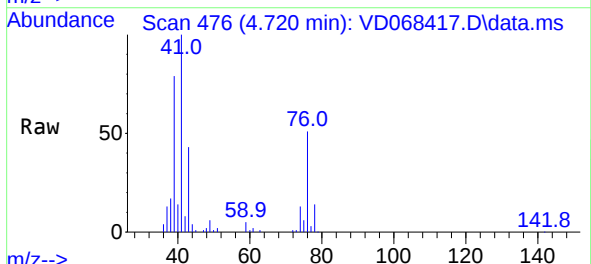
Manual Integrations
APPROVED

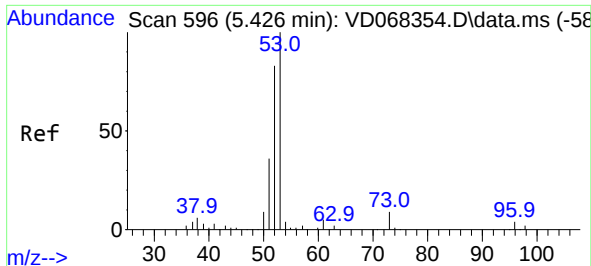
MMDadoda
2/24/2021 1:35:18 PM



#14
Allyl chloride
Concen: 43.97 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

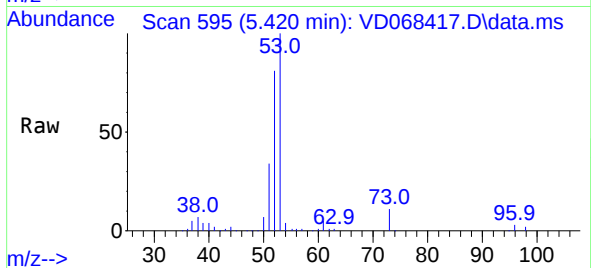
Tgt Ion: 41 Resp: 223859
Ion Ratio Lower Upper
41 100
39 74.3 56.3 84.5
76 49.2 38.9 58.3





#15
Acrylonitrile
Concen: 238.24 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

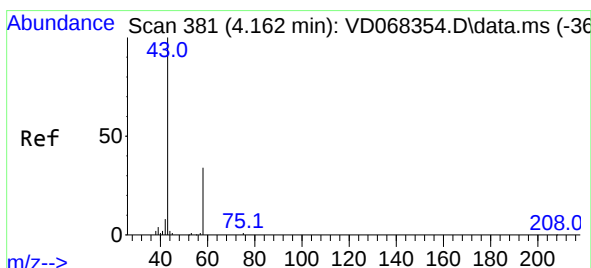
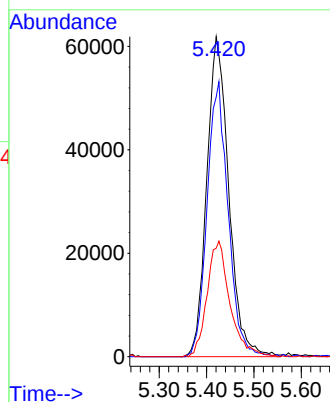
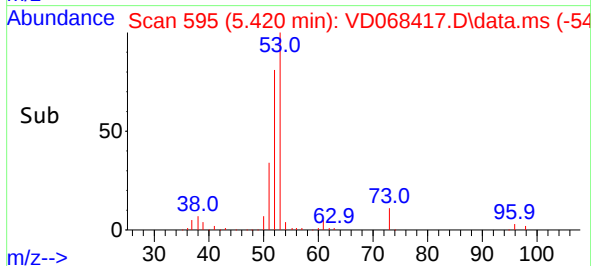
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



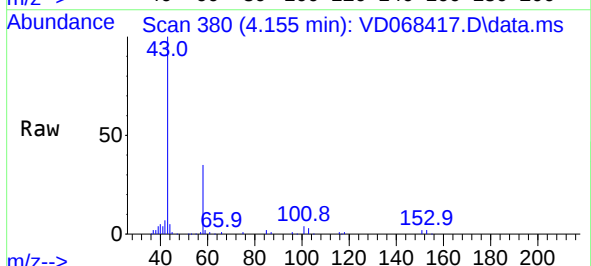
Tgt Ion: 53 Resp: 199848
Ion Ratio Lower Upper
53 100
52 82.3 66.2 99.2
51 37.4 29.0 43.4

Manual Integrations
APPROVED

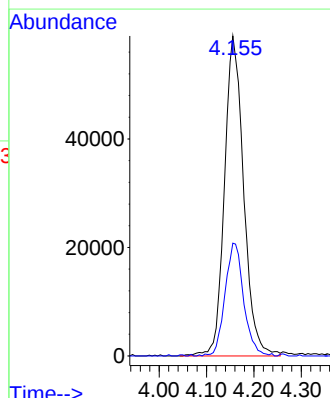
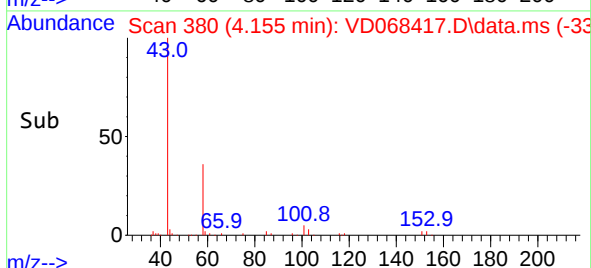
MMDadoda
2/24/2021 1:35:18 PM

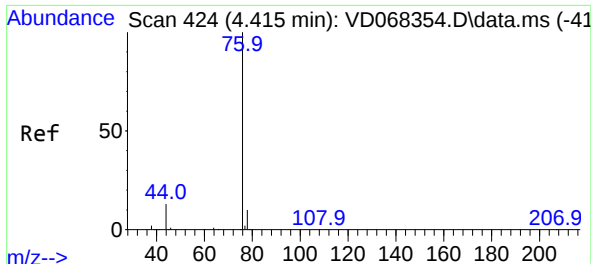


#16
Acetone
Concen: 256.13 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



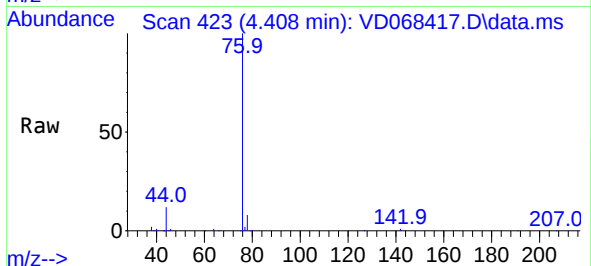
Tgt Ion: 43 Resp: 166313
Ion Ratio Lower Upper
43 100
58 34.9 24.2 36.4





#17
Carbon Disulfide
Concen: 41.61 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

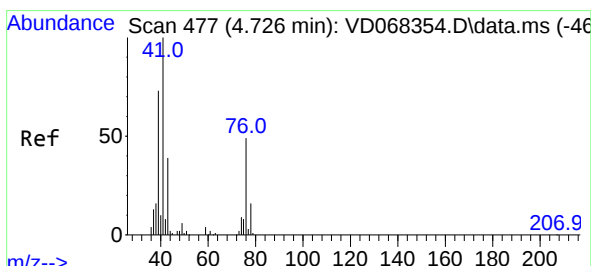
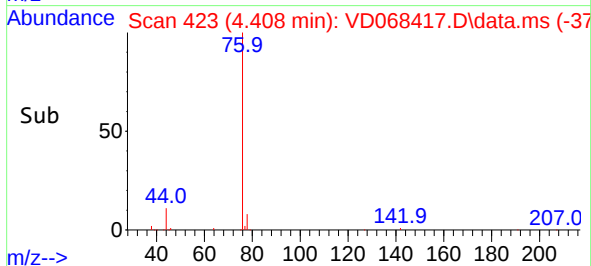
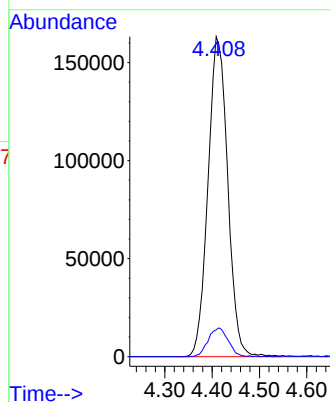
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 471888
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

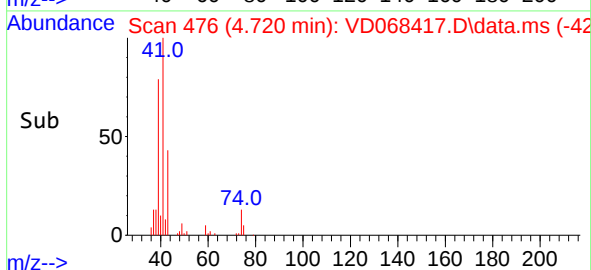
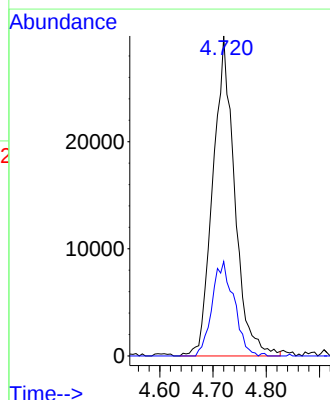
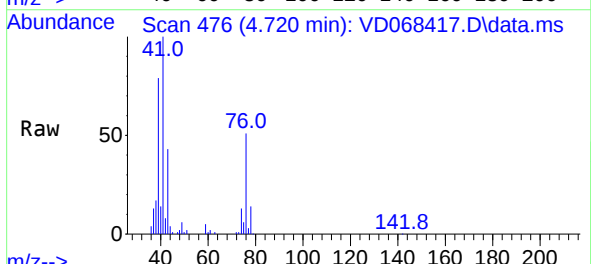
Manual Integrations
APPROVED

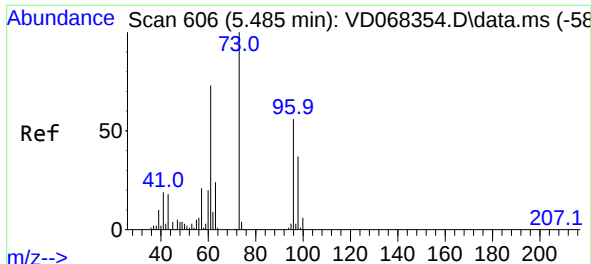
MMDadoda
2/24/2021 1:35:18 PM



#18
Methyl Acetate
Concen: 47.61 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

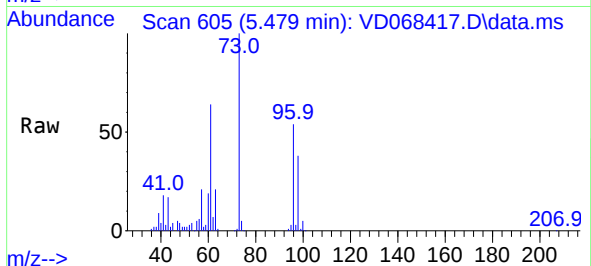
Tgt Ion: 43 Resp: 84849
Ion Ratio Lower Upper
43 100
74 29.7 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 48.84 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

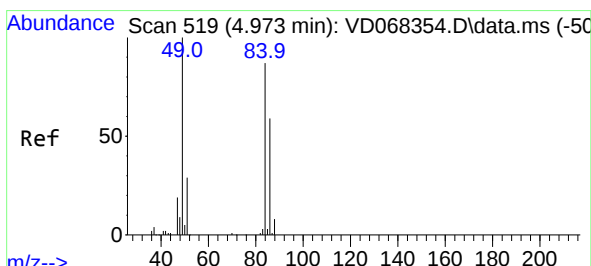
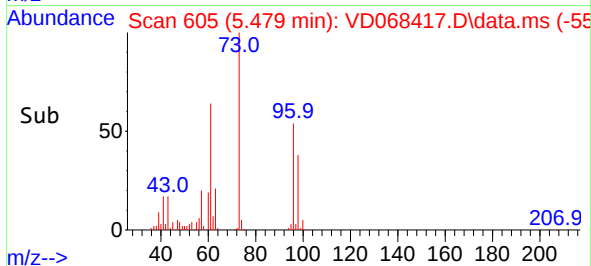
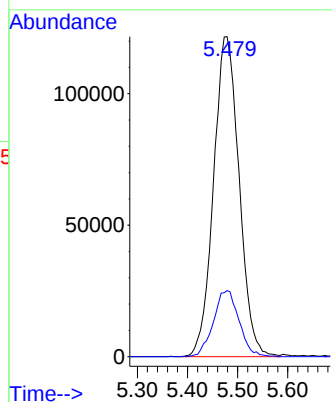
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



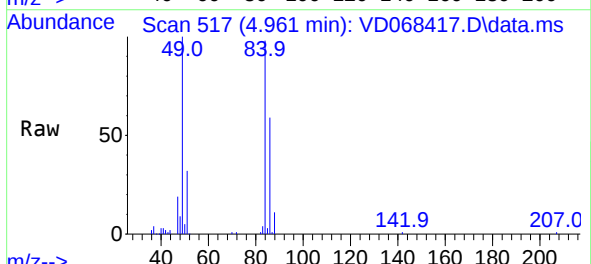
Tgt Ion: 73 Resp: 431449
Ion Ratio Lower Upper
73 100
57 20.7 14.4 21.6

Manual Integrations
APPROVED

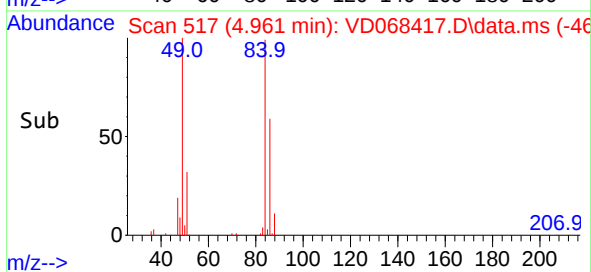
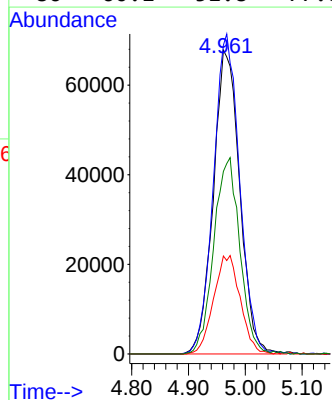
MMDadoda
2/24/2021 1:35:18 PM

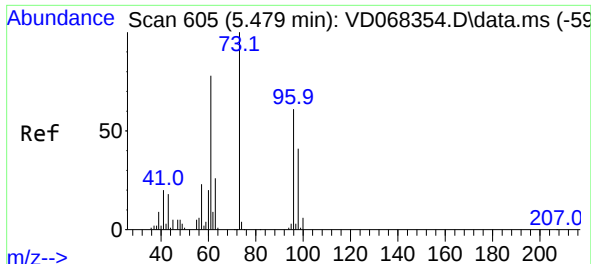


#20
Methylene Chloride
Concen: 48.48 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



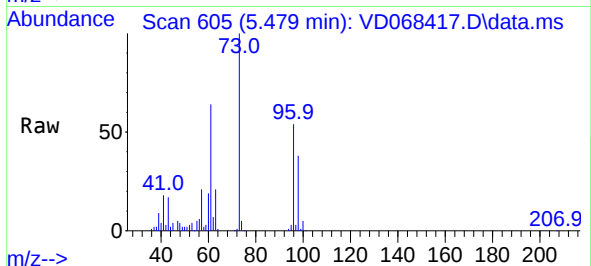
Tgt Ion: 84 Resp: 219183
Ion Ratio Lower Upper
84 100
49 101.6 77.4 116.2
51 32.2 26.1 39.1
86 60.1 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 45.26 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

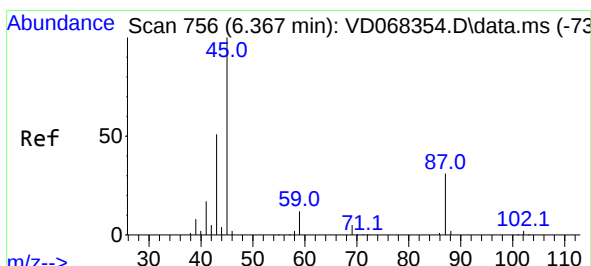
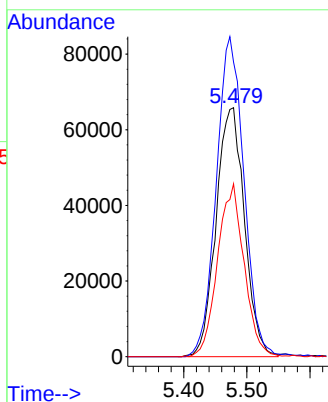
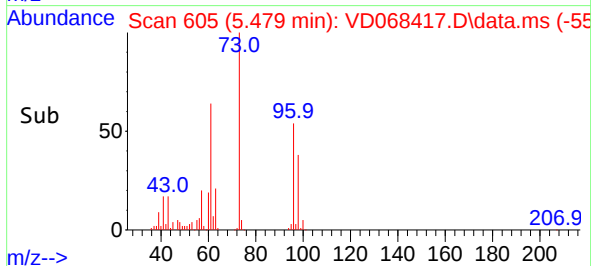
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



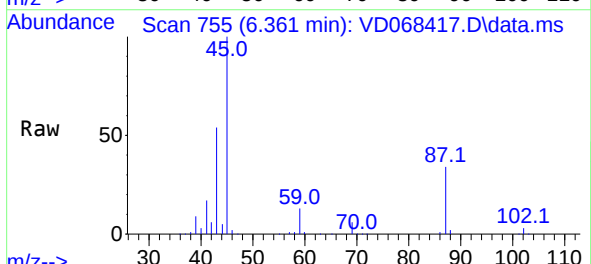
Tgt Ion: 96 Resp: 205093
Ion Ratio Lower Upper
96 100
61 118.3 96.7 145.1
98 69.4 47.6 71.4

Manual Integrations
APPROVED

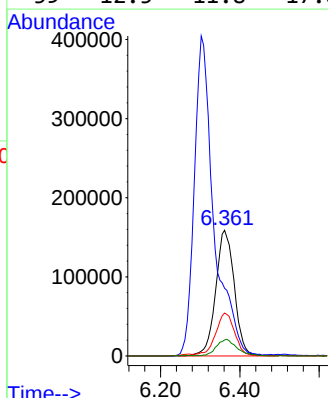
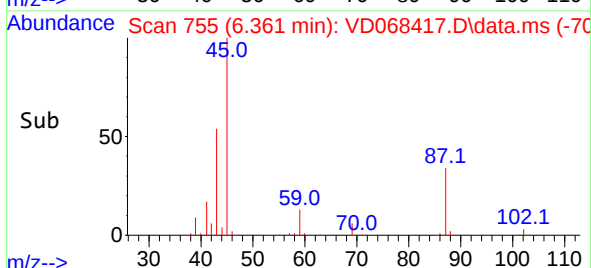
MMDadoda
2/24/2021 1:35:18 PM

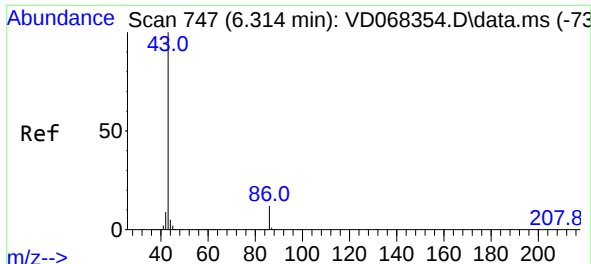


#22
Diisopropyl ether
Concen: 46.13 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



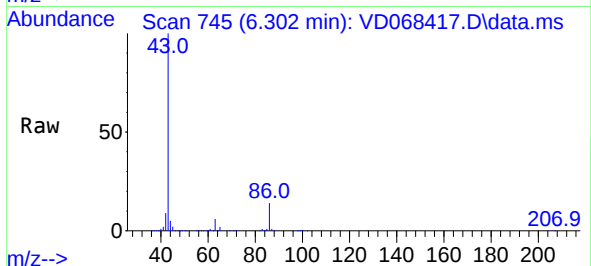
Tgt Ion: 45 Resp: 519671
Ion Ratio Lower Upper
45 100
43 53.0 43.9 65.9
87 33.8 29.9 44.9
59 12.5 11.8 17.8





#23
 Vinyl Acetate
 Concen: 239.06 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.012 min
 Lab File: VD068417.D
 Acq: 23 Feb 2021 10:23

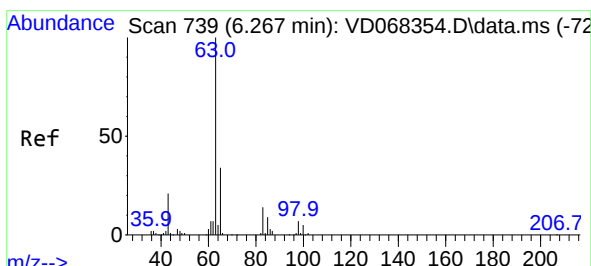
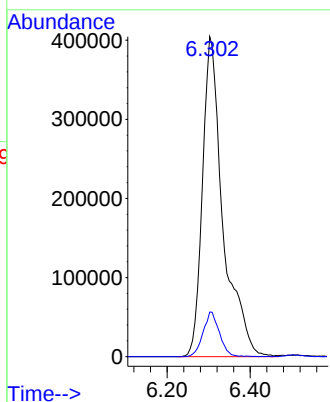
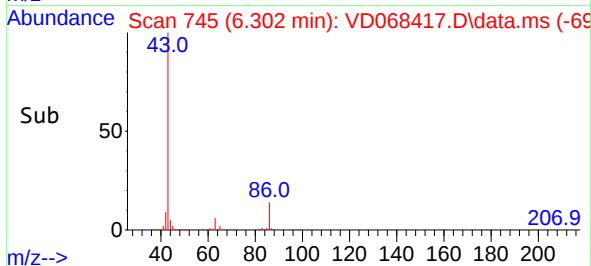
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



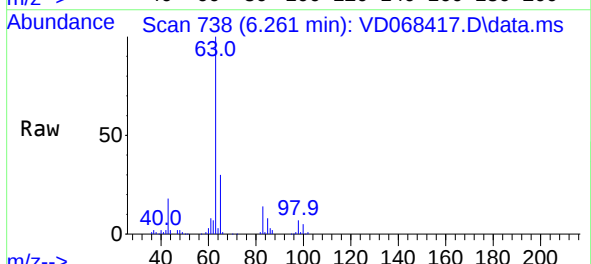
Tgt Ion: 43 Resp: 1390575
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.8 16.2

Manual Integrations
 APPROVED

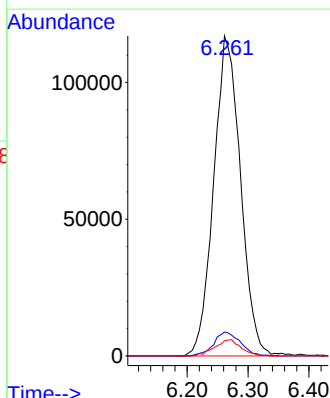
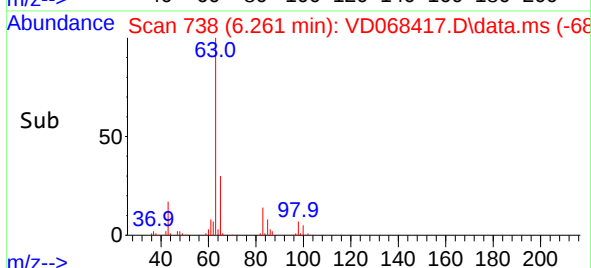
MMDadoda
 2/24/2021 1:35:18 PM

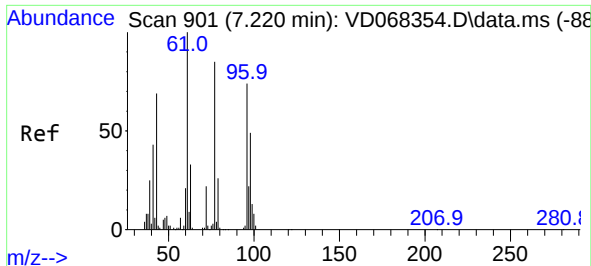


#24
 1,1-Dichloroethane
 Concen: 46.35 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD068417.D
 Acq: 23 Feb 2021 10:23



Tgt Ion: 63 Resp: 357304
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.7 2.6 8.0





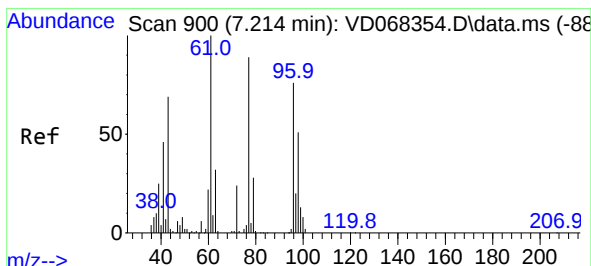
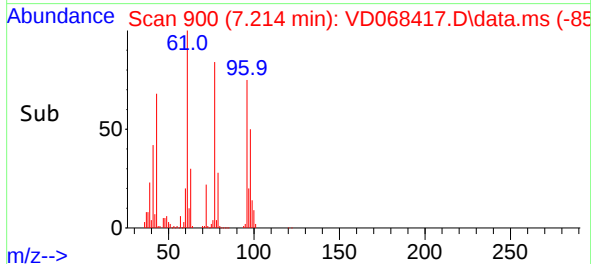
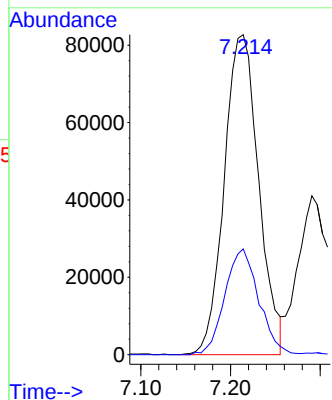
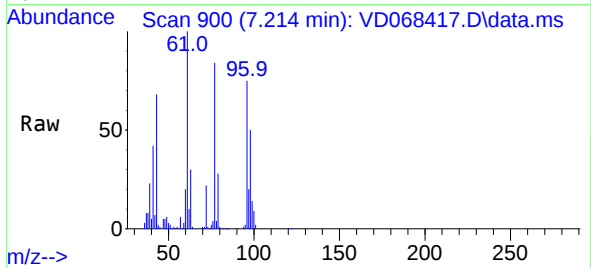
#25
2-Butanone
Concen: 242.93 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 43 Resp: 220550
Ion Ratio Lower Upper
43 100
72 33.0 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

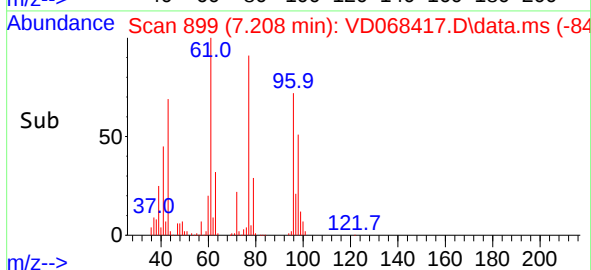
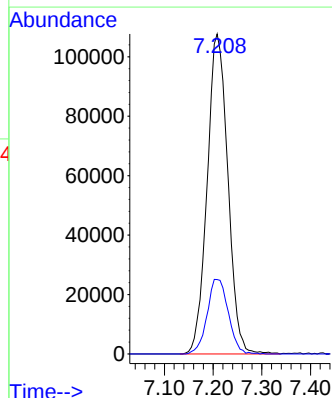
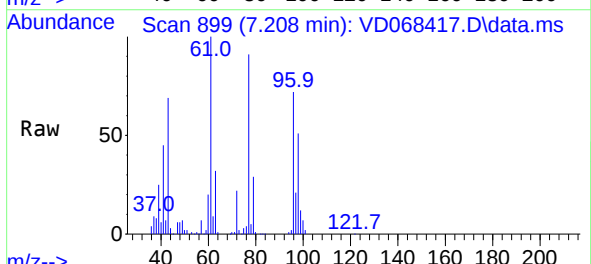
Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:18 PM



#26
2,2-Dichloropropane
Concen: 48.18 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

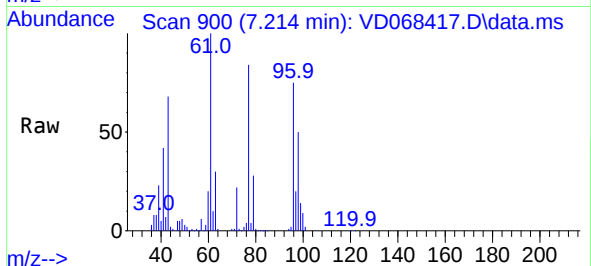
Tgt Ion: 77 Resp: 317648
Ion Ratio Lower Upper
77 100
97 23.9 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 46.86 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

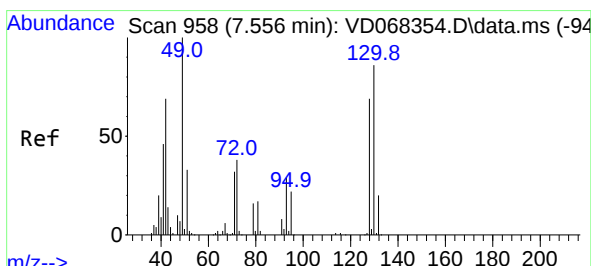
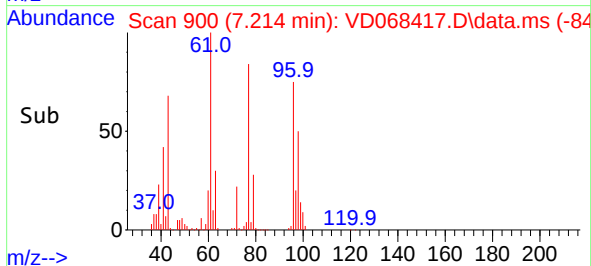
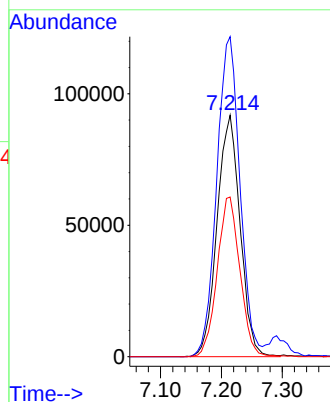
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 241365
Ion Ratio Lower Upper
96 100
61 133.7 0.0 257.4
98 65.2 0.0 126.6

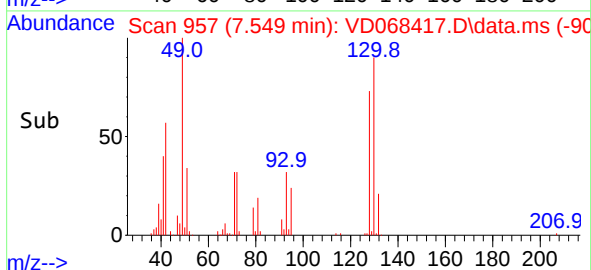
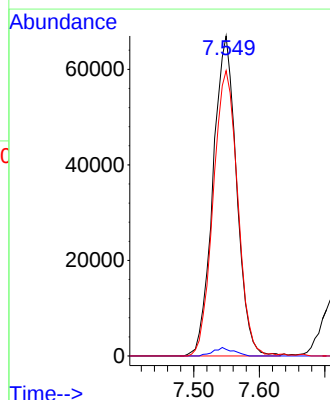
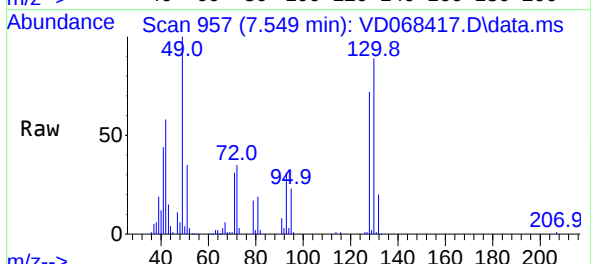
Manual Integrations
APPROVED

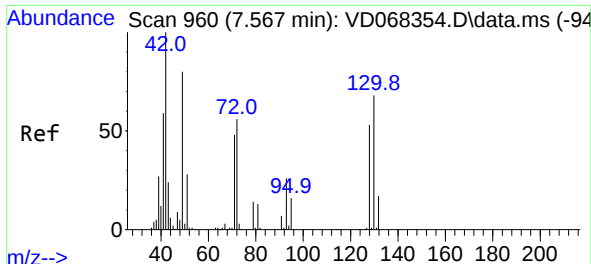
MMDadoda
2/24/2021 1:35:18 PM



#28
Bromochloromethane
Concen: 52.19 ug/l
RT: 7.549 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 49 Resp: 166850
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 92.8 85.5 128.3





#29

Tetrahydrofuran

Concen: 232.31 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068417.D

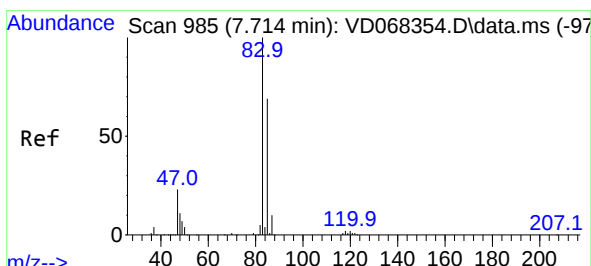
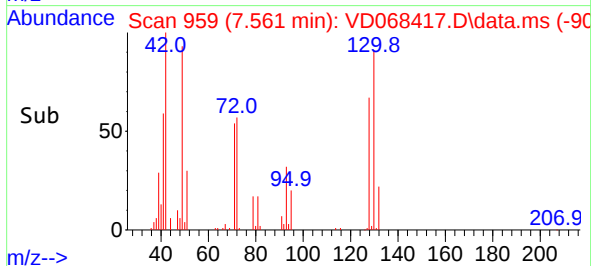
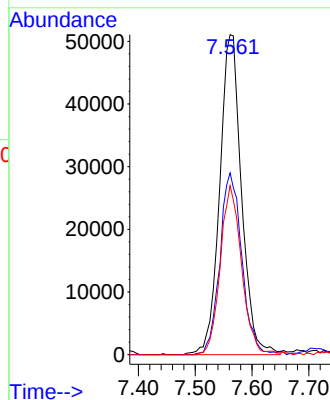
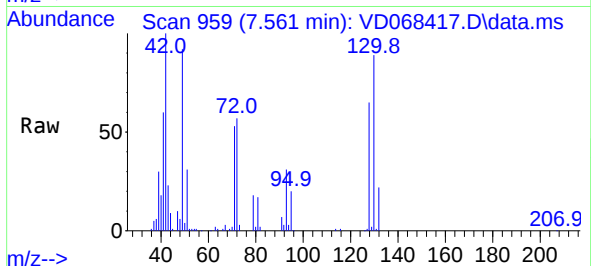
Acq: 23 Feb 2021 10:23

Tgt Ion:	42	Resp:	136429
Ion	Ratio	Lower	Upper
42	100		
72	57.0	43.4	65.0
71	51.4	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:18 PM



#30

Chloroform

Concen: 47.55 ug/l

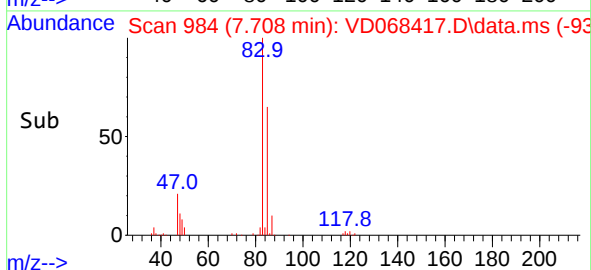
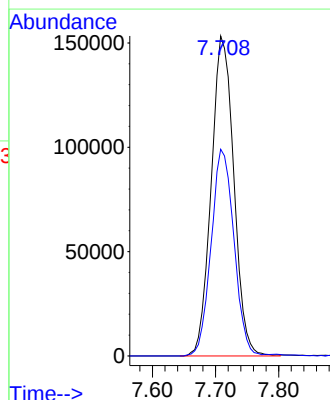
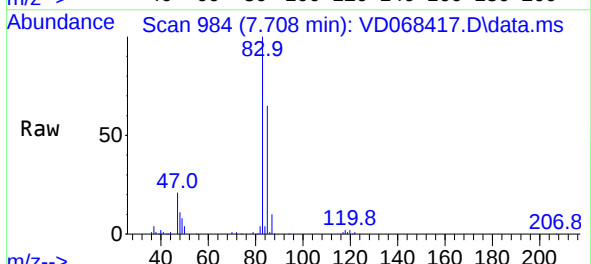
RT: 7.708 min Scan# 984

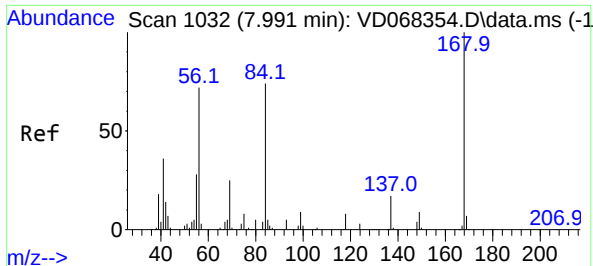
Delta R.T. -0.006 min

Lab File: VD068417.D

Acq: 23 Feb 2021 10:23

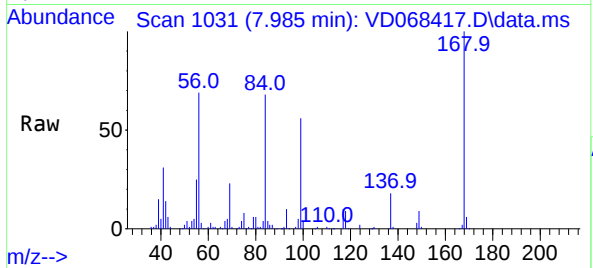
Tgt Ion:	83	Resp:	381198
Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.4	80.0





#31
Cyclohexane
Concen: 45.43 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

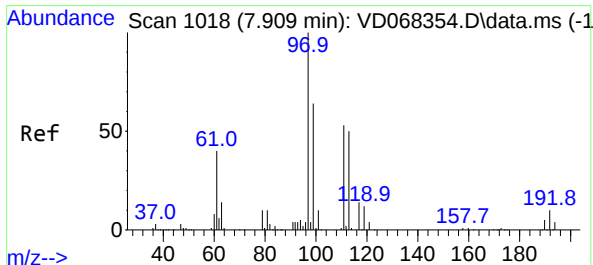
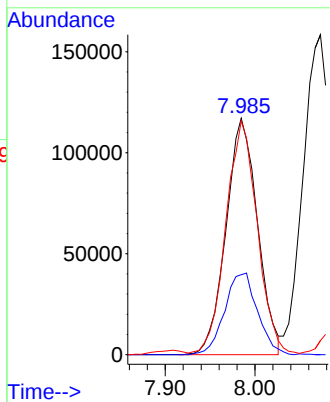
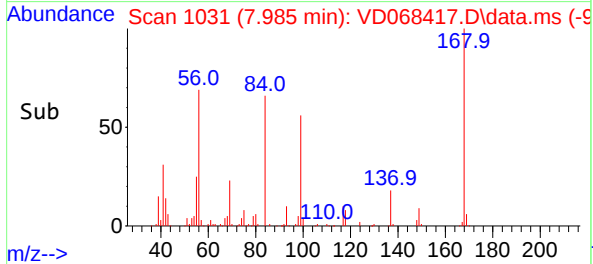
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



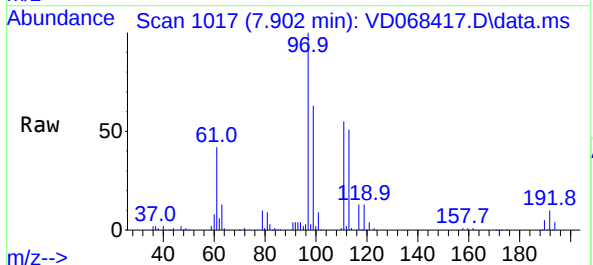
Tgt Ion: 56 Resp: 285581
Ion Ratio Lower Upper
56 100
69 33.8 30.1 45.1
84 97.2 82.1 123.1

Manual Integrations
APPROVED

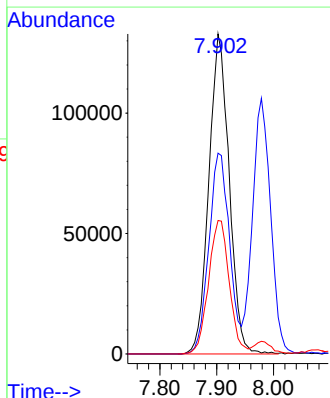
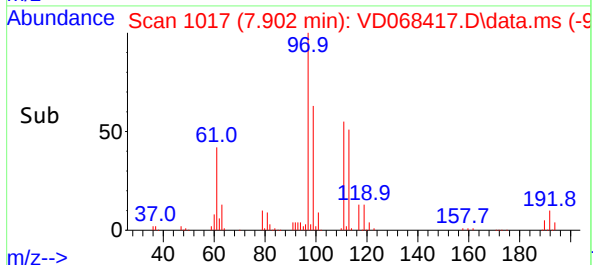
MMDadoda
2/24/2021 1:35:18 PM

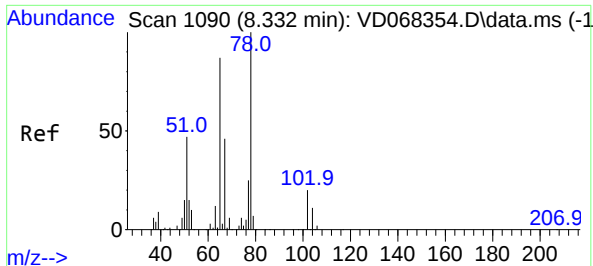


#32
1,1,1-Trichloroethane
Concen: 47.53 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



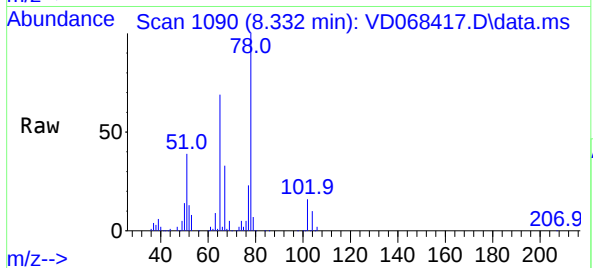
Tgt Ion: 97 Resp: 329252
Ion Ratio Lower Upper
97 100
99 64.3 52.1 78.1
61 42.7 30.1 45.1





#33
1,2-Dichloroethane-d4
Concen: 55.15 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

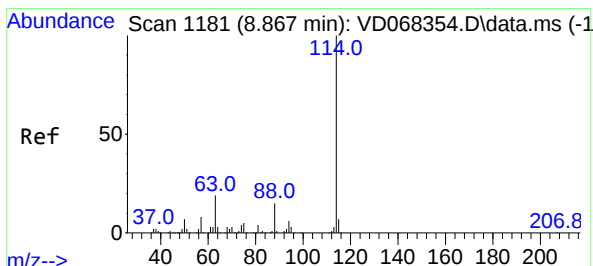
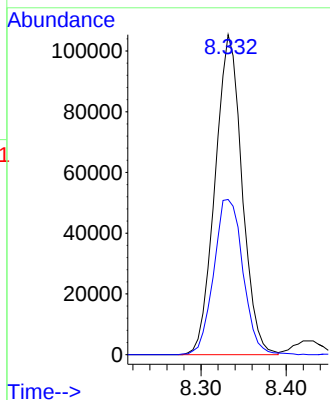
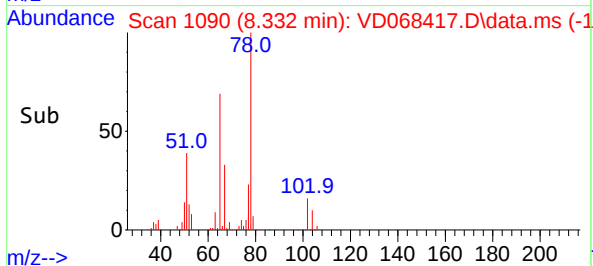
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



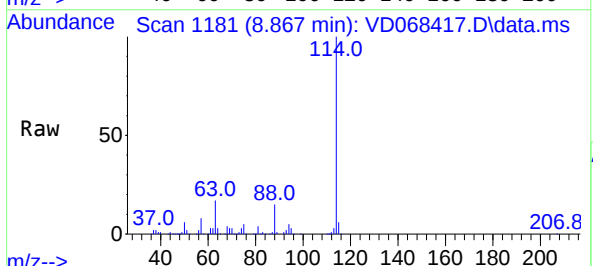
Tgt Ion: 65 Resp: 232102
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0

Manual Integrations
APPROVED

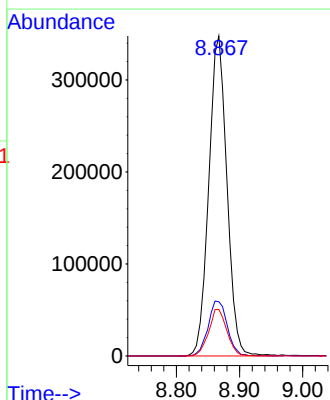
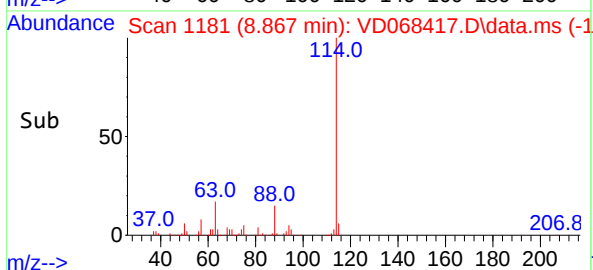
MMDadoda
2/24/2021 1:35:18 PM

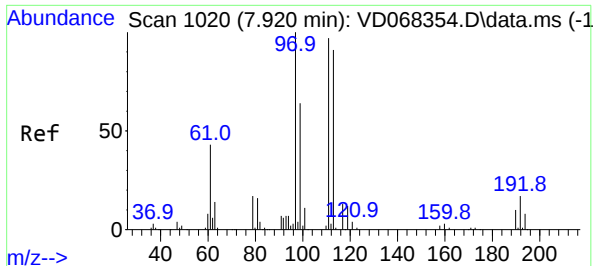


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



Tgt Ion: 114 Resp: 693709
Ion Ratio Lower Upper
114 100
63 17.0 0.0 34.8
88 14.6 0.0 31.6





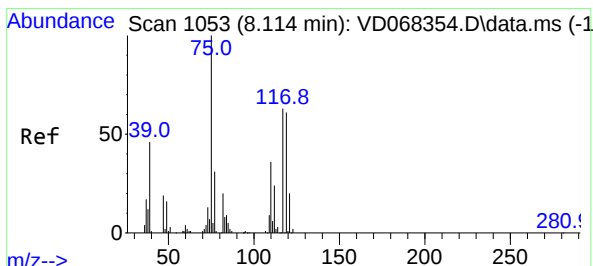
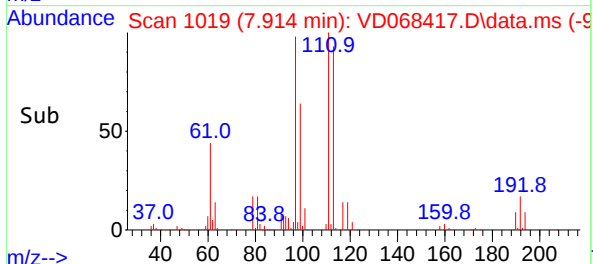
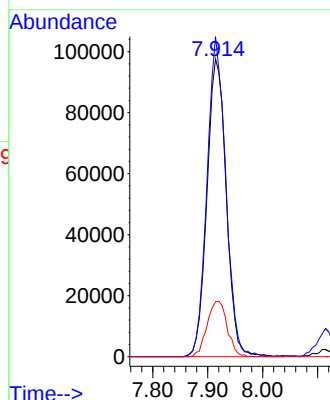
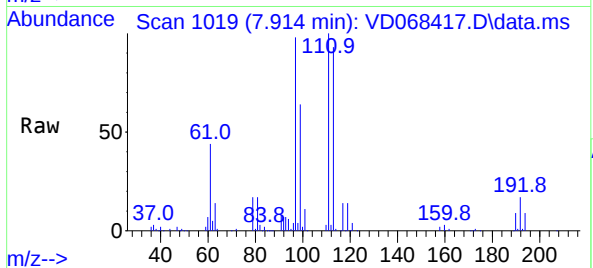
#35
Dibromofluoromethane
Concen: 57.78 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 113 Resp: 237927
Ion Ratio Lower Upper
113 100
111 104.7 81.4 122.0
192 19.4 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

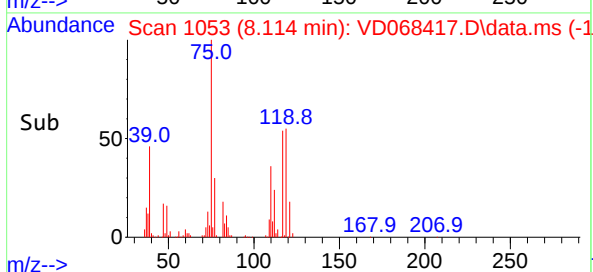
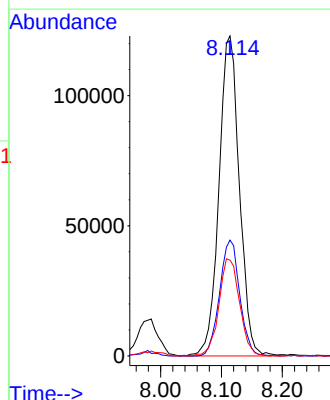
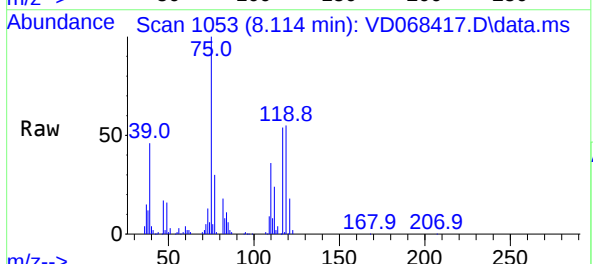
Manual Integrations
APPROVED

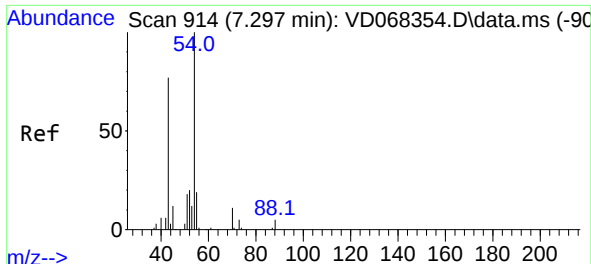
MMDadoda
2/24/2021 1:35:18 PM



#36
1,1-Dichloropropene
Concen: 46.70 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 75 Resp: 286584
Ion Ratio Lower Upper
75 100
110 35.7 19.4 58.2
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 49.94 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD068417.D

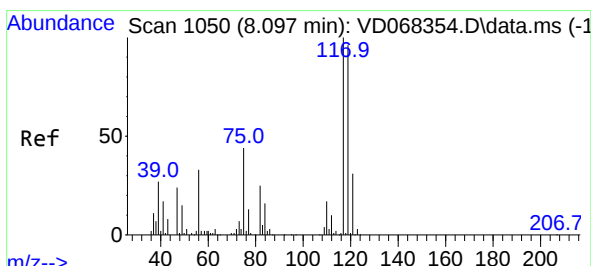
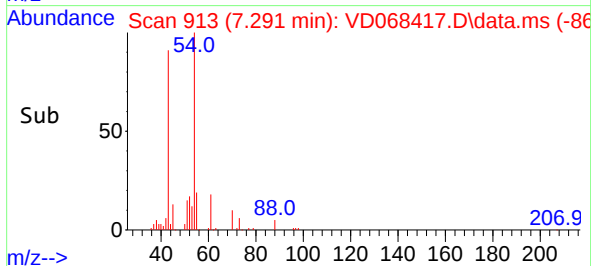
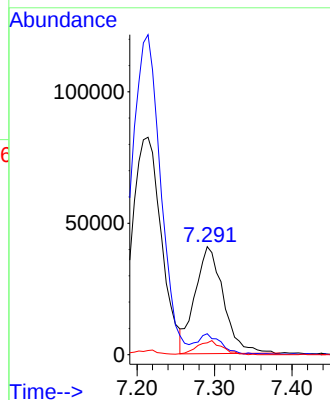
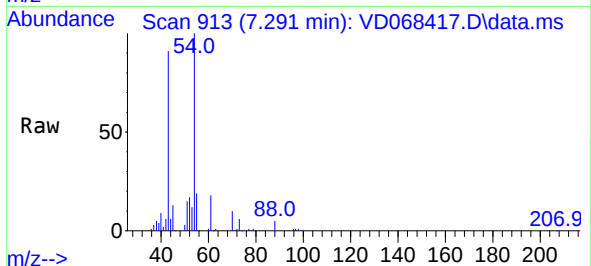
Acq: 23 Feb 2021 10:23

Tgt Ion:	43	Resp:	103575
Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.9	19.3
70	11.6	11.0	16.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:18 PM



#38

Carbon Tetrachloride

Concen: 48.11 ug/l

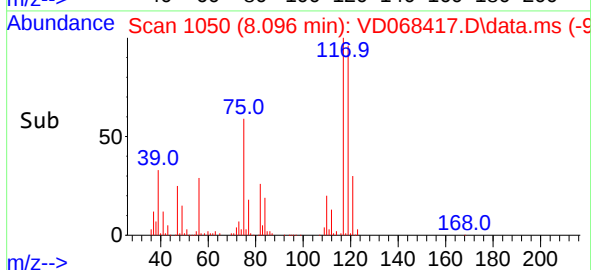
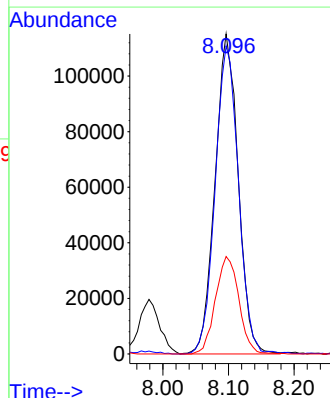
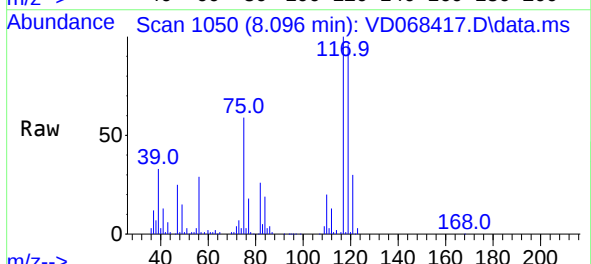
RT: 8.096 min Scan# 1050

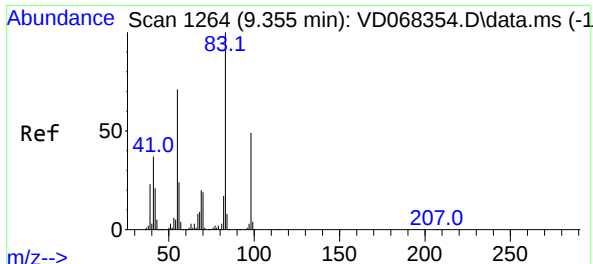
Delta R.T. -0.000 min

Lab File: VD068417.D

Acq: 23 Feb 2021 10:23

Tgt Ion:	117	Resp:	281626
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.3	115.9
121	30.4	24.7	37.1





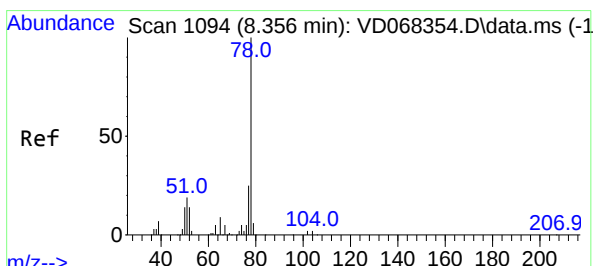
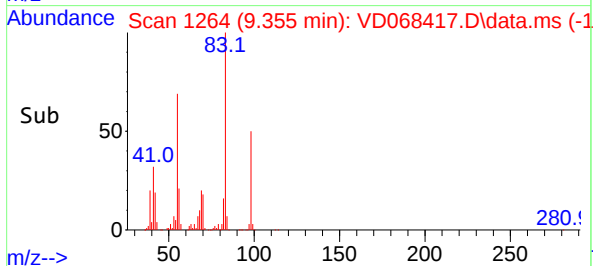
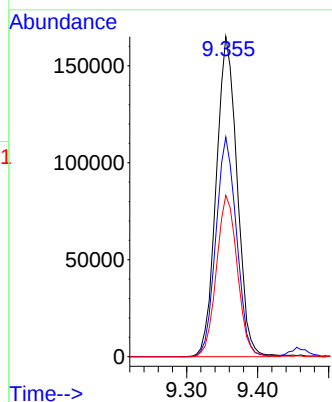
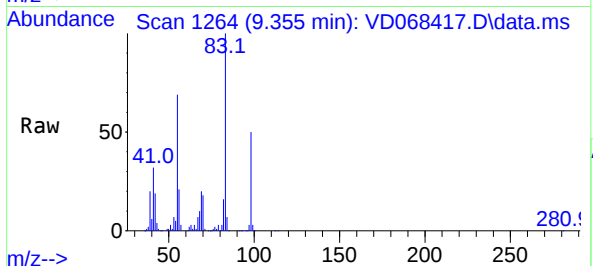
#39
Methylcyclohexane
Concen: 44.71 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 83 Resp: 336575
Ion Ratio Lower Upper
83 100
55 68.6 55.2 82.8
98 50.4 39.1 58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

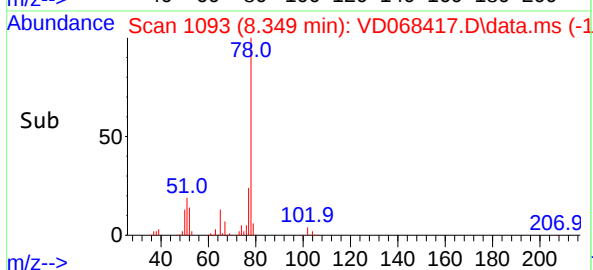
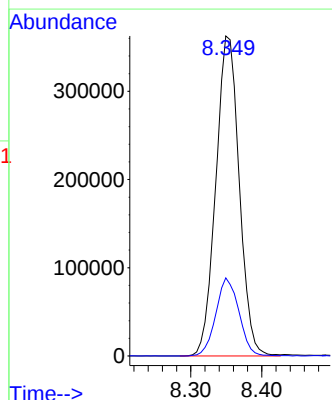
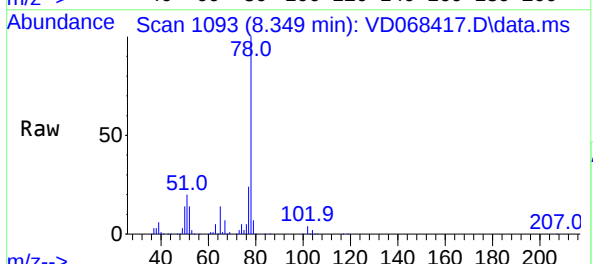
Manual Integrations
APPROVED

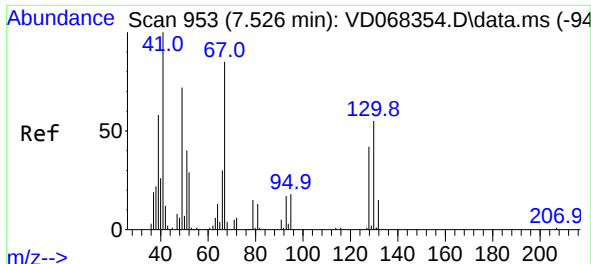
MMDadoda
2/24/2021 1:35:18 PM



#40
Benzene
Concen: 47.37 ug/l
RT: 8.349 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

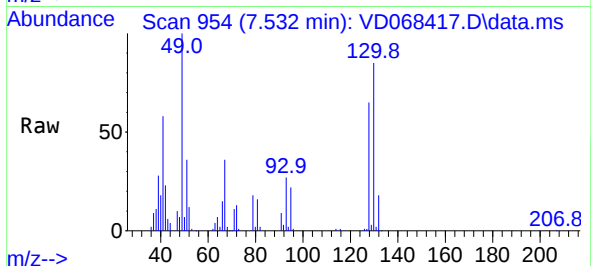
Tgt Ion: 78 Resp: 829215
Ion Ratio Lower Upper
78 100
77 24.4 17.8 26.6





#41
Methacrylonitrile
Concen: 51.99 ug/l m
RT: 7.532 min Scan# 954
Delta R.T. 0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

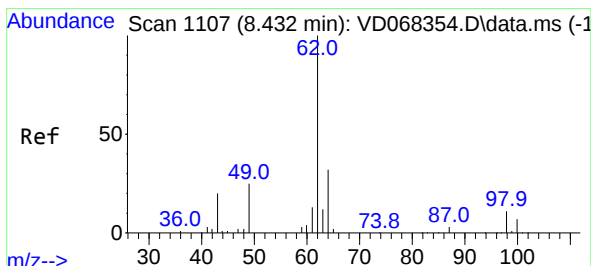
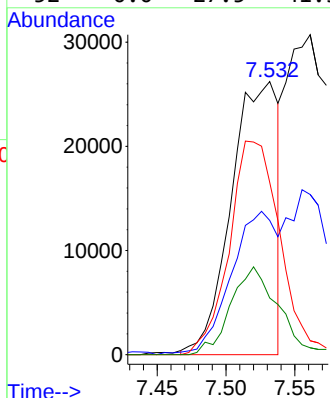
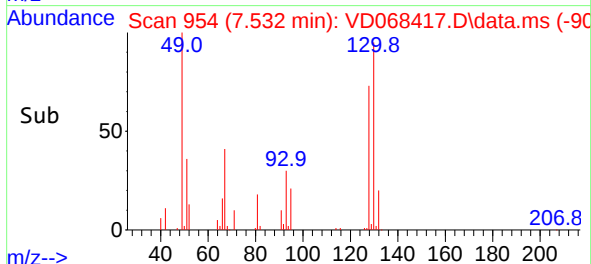
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



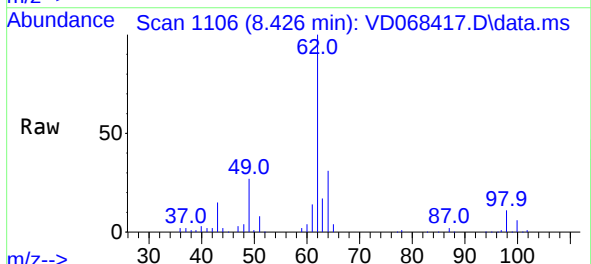
Tgt Ion: 41 Resp: 62058
Ion Ratio Lower Upper
41 100
39 43.1 45.2 67.8#
67 0.0 67.4 101.2#
52 0.0 27.5 41.3#

Manual Integrations
APPROVED

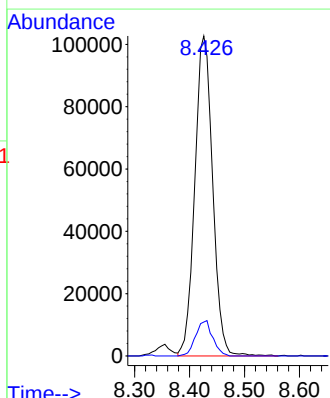
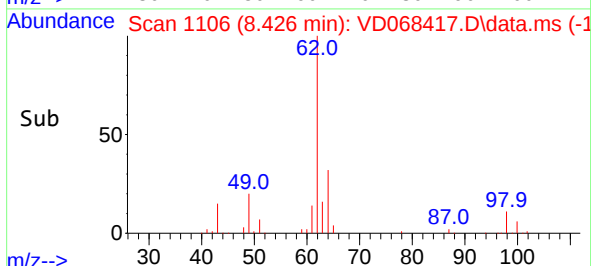
MMDadoda
2/24/2021 1:35:18 PM

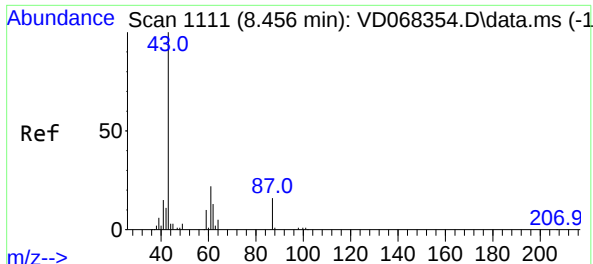


#42
1,2-Dichloroethane
Concen: 49.49 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



Tgt Ion: 62 Resp: 231089
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.8





#43

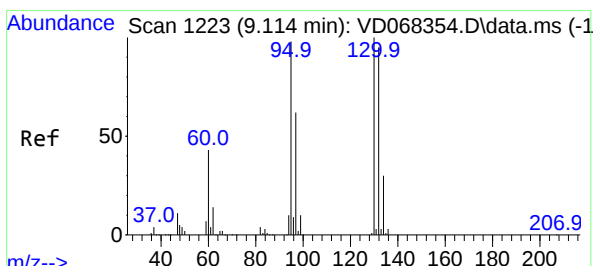
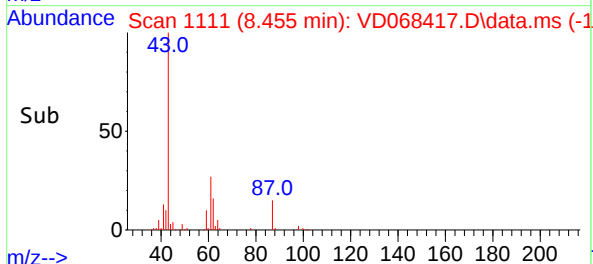
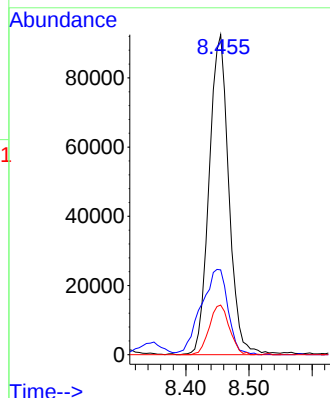
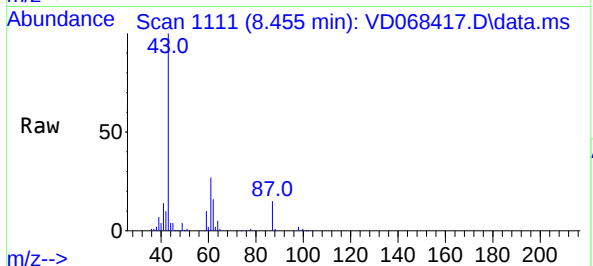
Isopropyl Acetate
Concen: 50.36 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion:	43	Resp:	199990
Ion	Ratio	Lower	Upper
43	100		
61	36.4	28.7	43.1
87	15.8	13.9	20.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

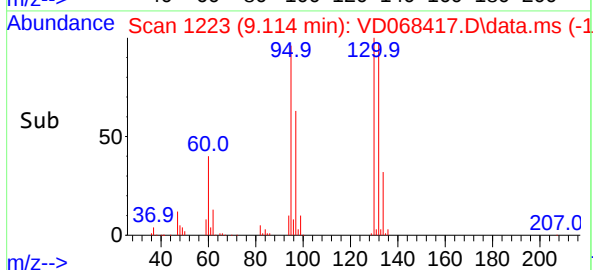
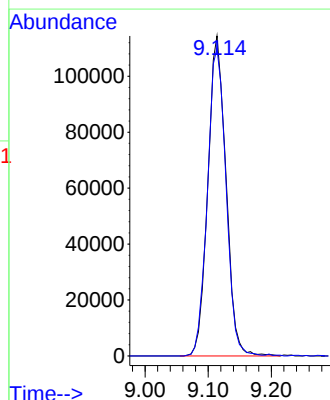
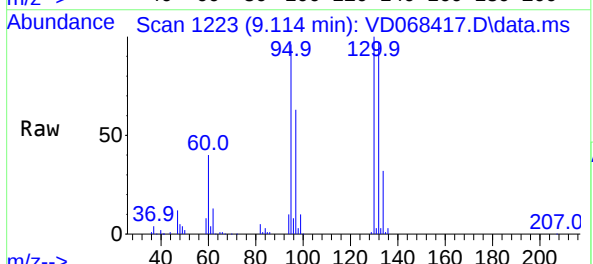
MMDadoda
2/24/2021 1:35:18 PM

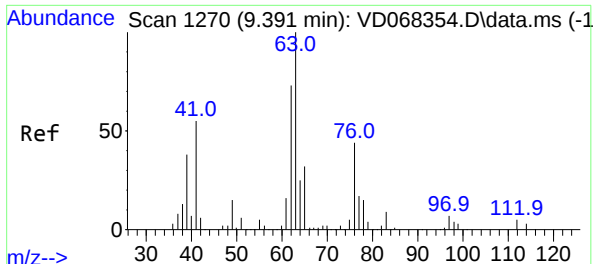


#44

Trichloroethene
Concen: 47.93 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion:	130	Resp:	228341
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	191.2





#45

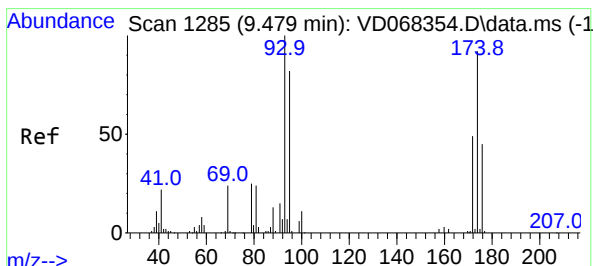
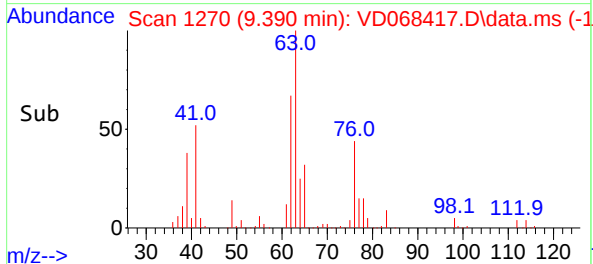
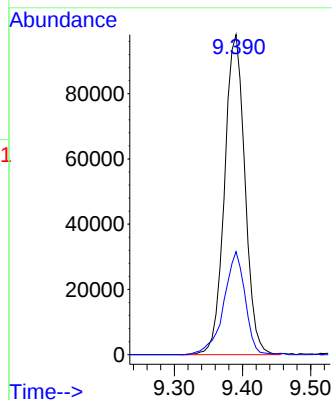
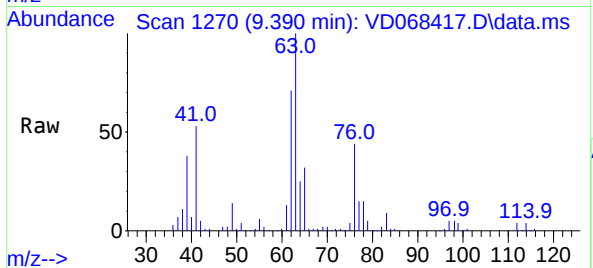
1,2-Dichloropropane
Concen: 47.77 ug/l
RT: 9.390 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 63 Resp: 204045
Ion Ratio Lower Upper
63 100
65 32.2 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

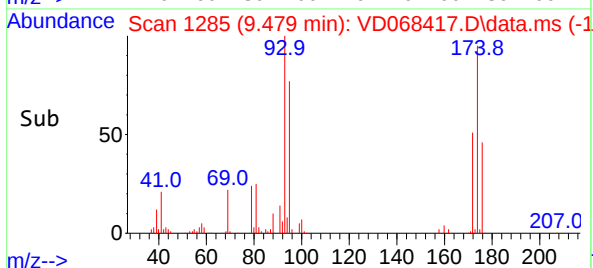
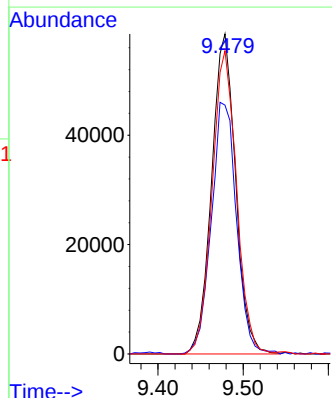
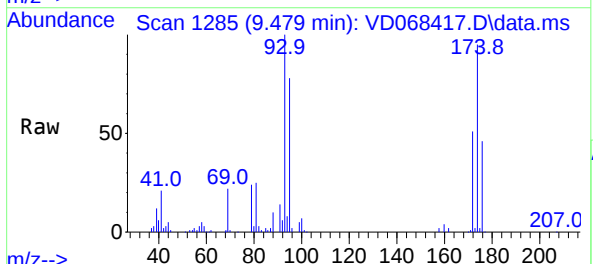
MMDadoda
2/24/2021 1:35:18 PM



#46

Dibromomethane
Concen: 49.51 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

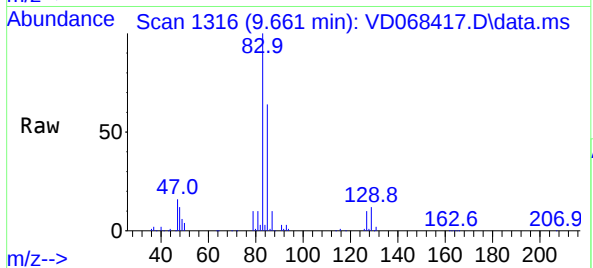
Tgt Ion: 93 Resp: 114726
Ion Ratio Lower Upper
93 100
95 82.6 67.3 100.9
174 96.1 84.6 127.0





#47
Bromodichloromethane
Concen: 50.03 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

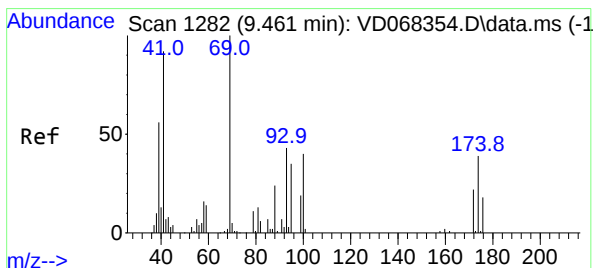
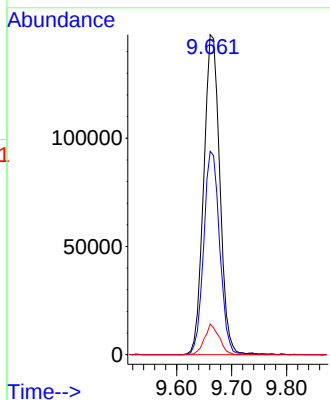
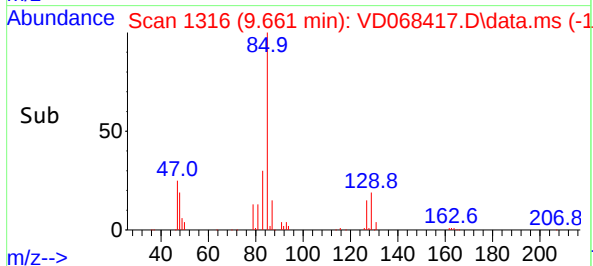
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



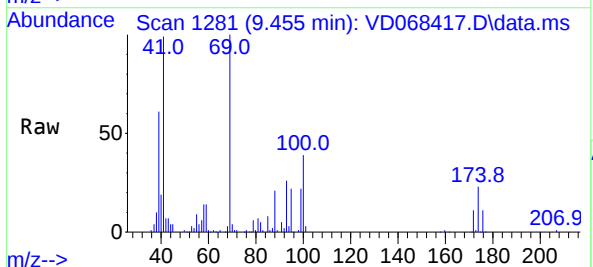
Tgt Ion: 83 Resp: 300549
Ion Ratio Lower Upper
83 100
85 63.5 51.6 77.4
127 9.6 7.4 11.0

Manual Integrations
APPROVED

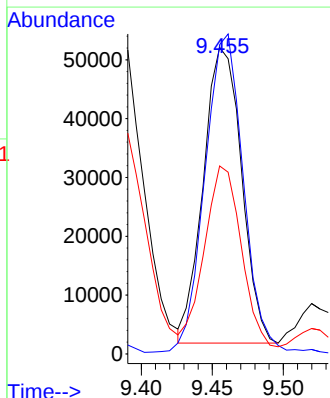
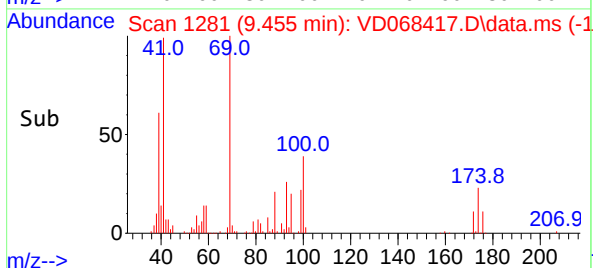
MMDadoda
2/24/2021 1:35:18 PM

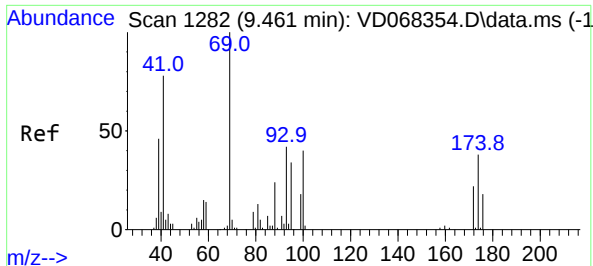


#48
Methyl methacrylate
Concen: 47.43 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



Tgt Ion: 41 Resp: 93999
Ion Ratio Lower Upper
41 100
69 110.7 77.1 115.7
39 58.5 41.5 62.3





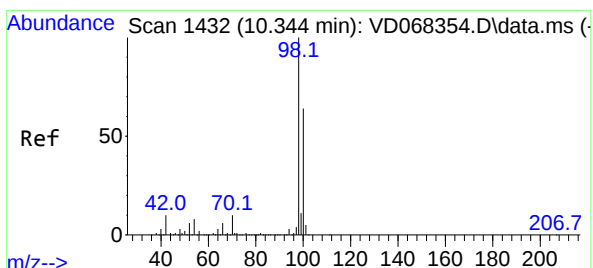
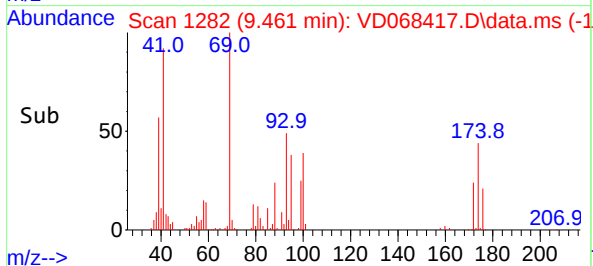
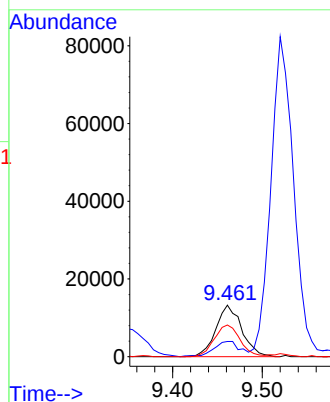
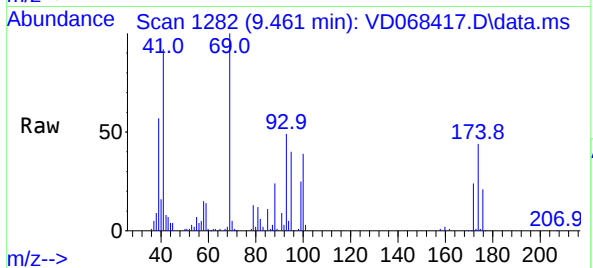
#49
1,4-Dioxane
Concen: 983.34 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 88 Resp: 26621
Ion Ratio Lower Upper
88 100
43 30.2 22.1 33.1
58 61.2 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

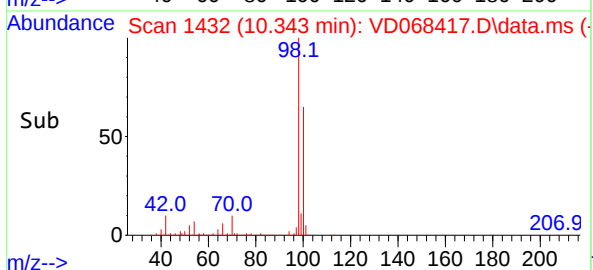
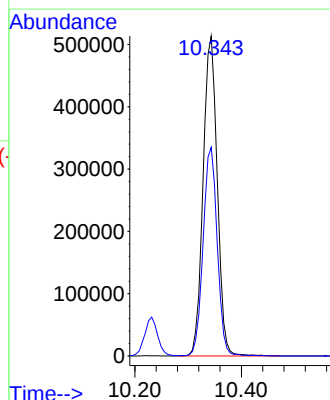
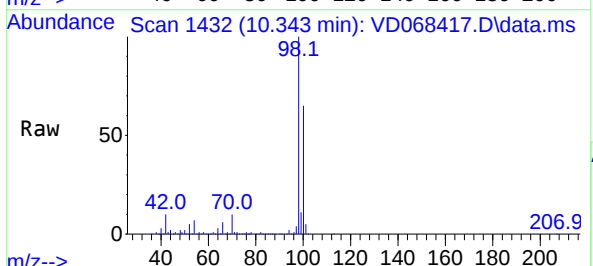
Manual Integrations
APPROVED

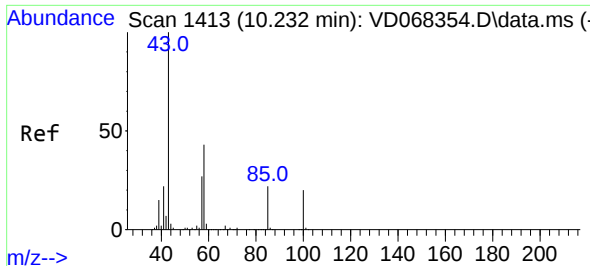
MMDadoda
2/24/2021 1:35:18 PM



#50
Toluene-d8
Concen: 55.40 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 98 Resp: 945562
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4





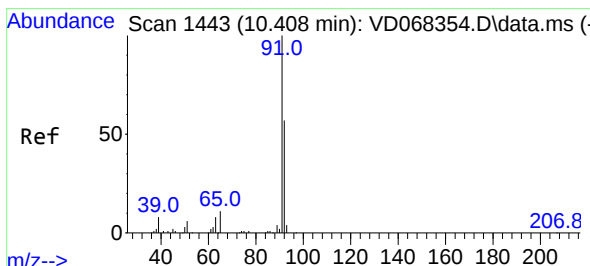
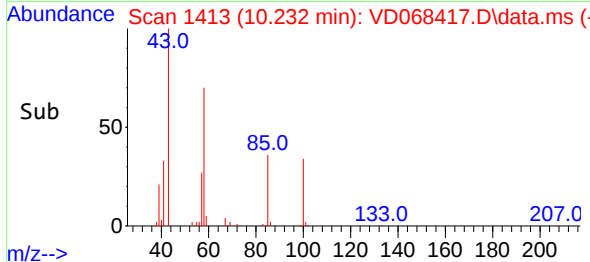
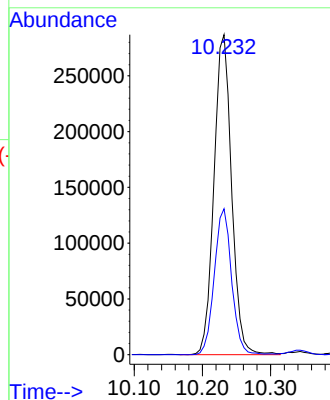
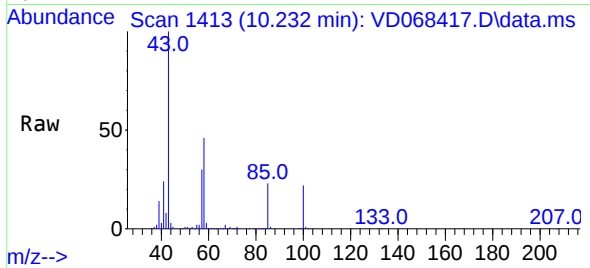
#51
4-Methyl-2-Pentanone
Concen: 253.42 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 43 Resp: 516874
Ion Ratio Lower Upper
43 100
58 44.8 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

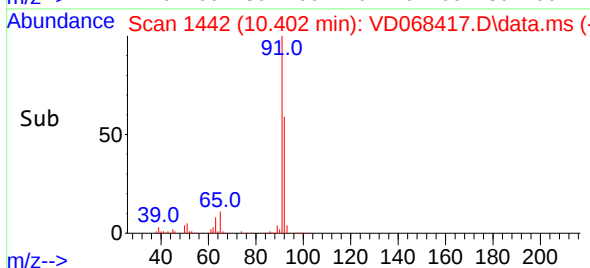
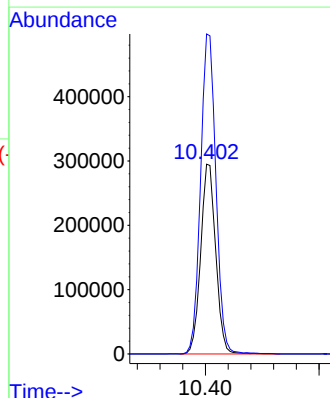
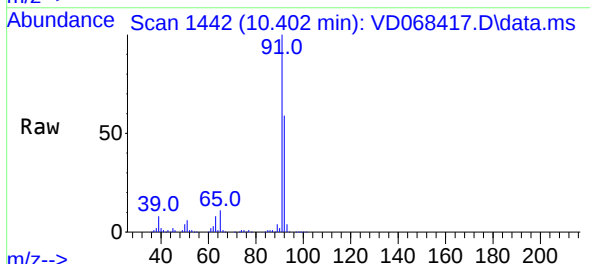
Manual Integrations
APPROVED

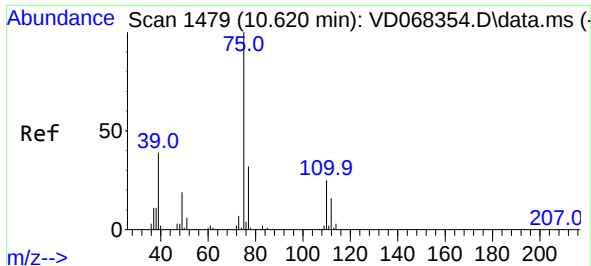
MMDadoda
2/24/2021 1:35:18 PM



#52
Toluene
Concen: 48.05 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

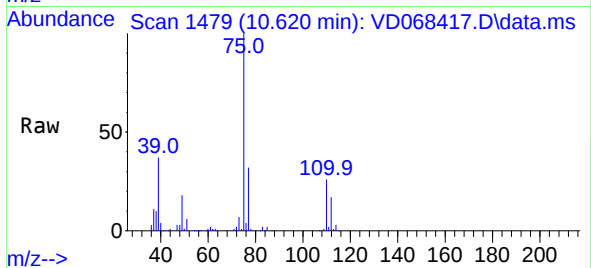
Tgt Ion: 92 Resp: 540729
Ion Ratio Lower Upper
92 100
91 172.5 134.1 201.1





#53
 t-1,3-Dichloropropene
 Concen: 50.98 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. -0.000 min
 Lab File: VD068417.D
 Acq: 23 Feb 2021 10:23

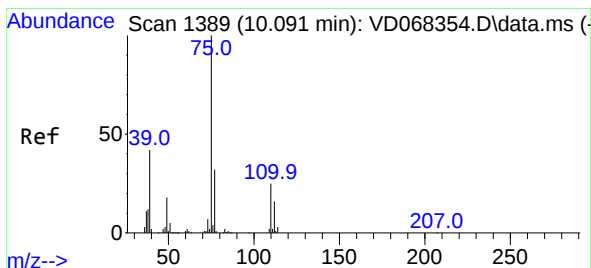
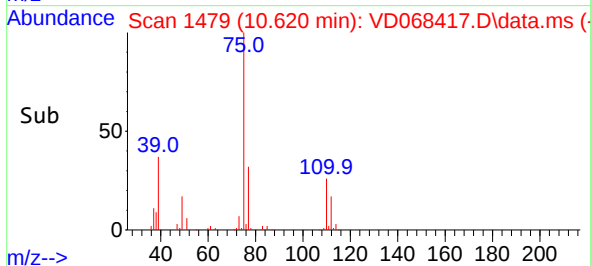
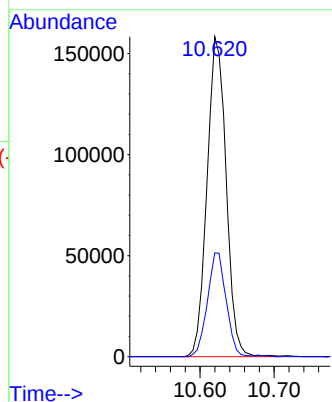
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



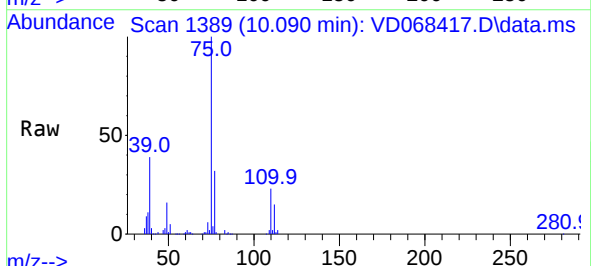
Tgt Ion: 75 Resp: 283454
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.4

Manual Integrations
 APPROVED

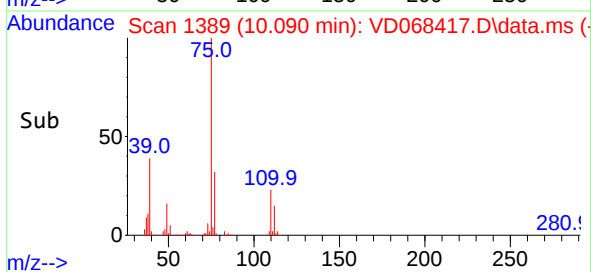
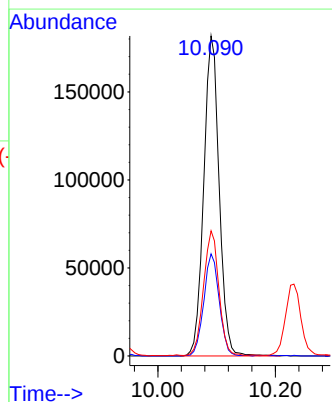
MMDadoda
 2/24/2021 1:35:18 PM

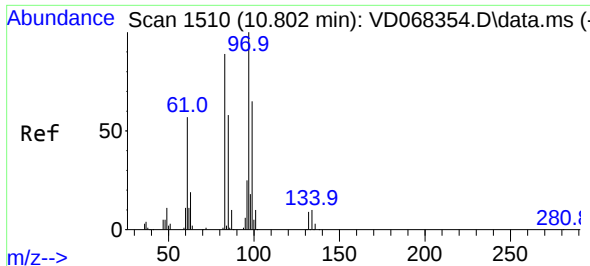


#54
 cis-1,3-Dichloropropene
 Concen: 48.69 ug/l
 RT: 10.090 min Scan# 1389
 Delta R.T. -0.000 min
 Lab File: VD068417.D
 Acq: 23 Feb 2021 10:23



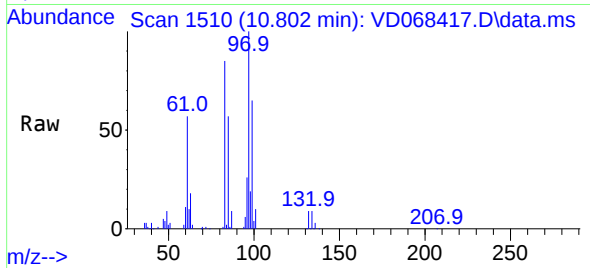
Tgt Ion: 75 Resp: 330757
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 37.0
 39 38.9 31.4 47.0





#55
1,1,2-Trichloroethane
Concen: 50.88 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

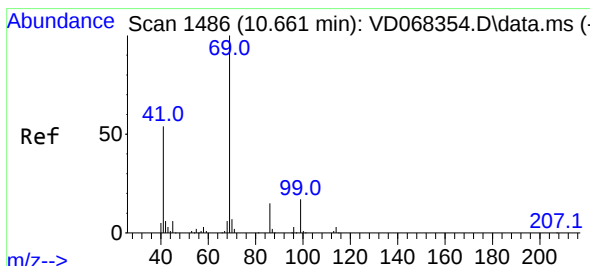
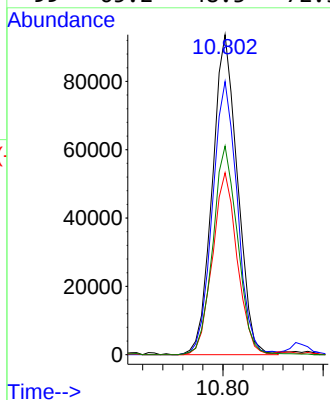
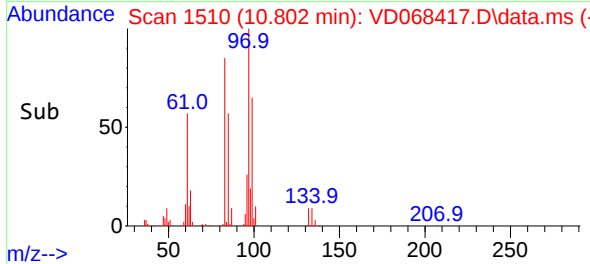
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



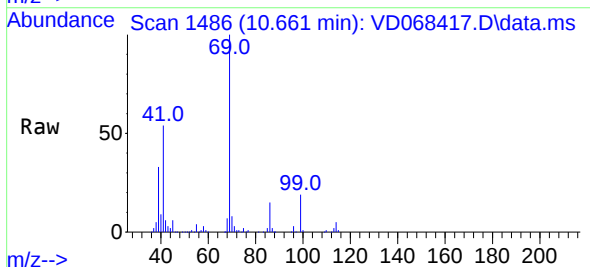
Tgt Ion: 97 Resp: 162872
Ion Ratio Lower Upper
97 100
83 85.3 61.8 92.6
85 56.9 42.2 63.2
99 65.2 48.3 72.5

Manual Integrations
APPROVED

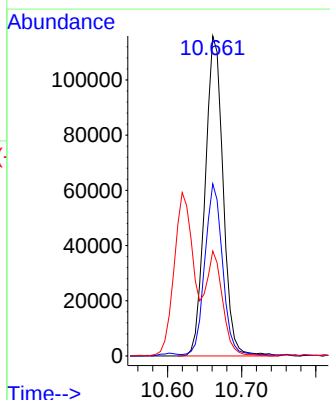
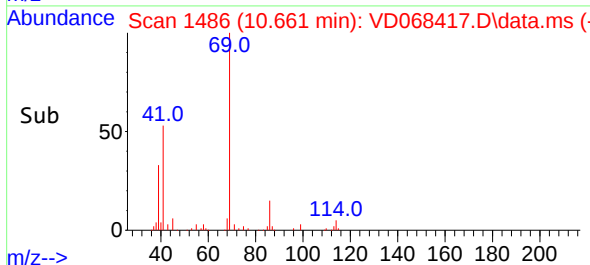
MMDadoda
2/24/2021 1:35:18 PM

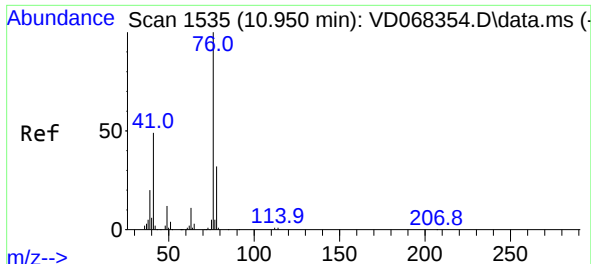


#56
Ethyl methacrylate
Concen: 51.44 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



Tgt Ion: 69 Resp: 195372
Ion Ratio Lower Upper
69 100
41 52.4 44.9 67.3
39 30.8 21.9 32.9





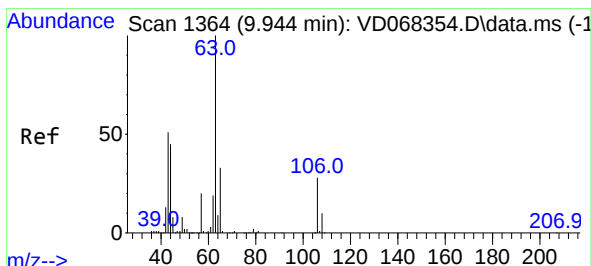
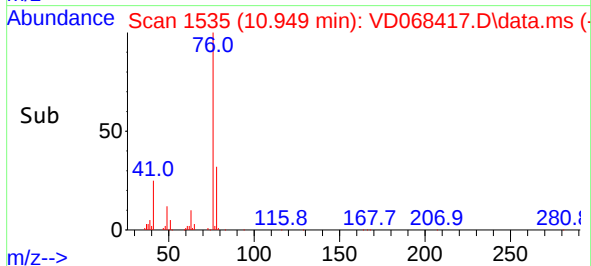
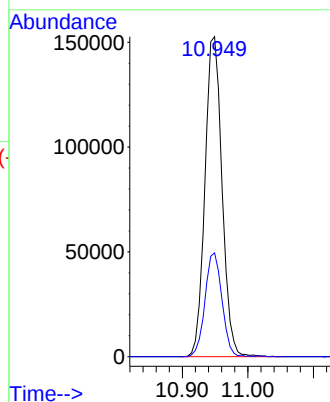
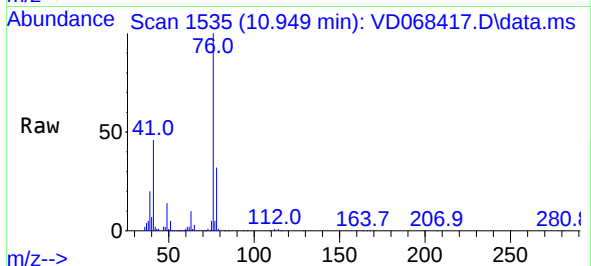
#57
1,3-Dichloropropane
Concen: 49.30 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 76 Resp: 276941
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

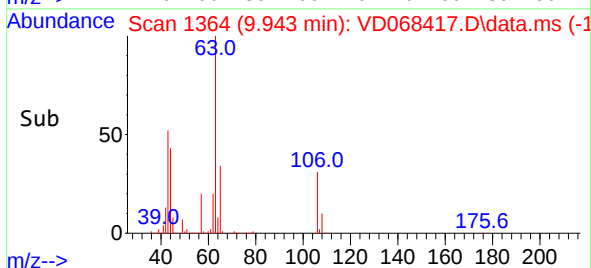
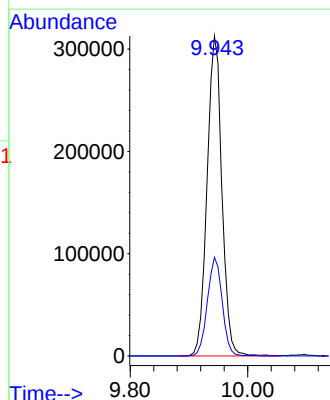
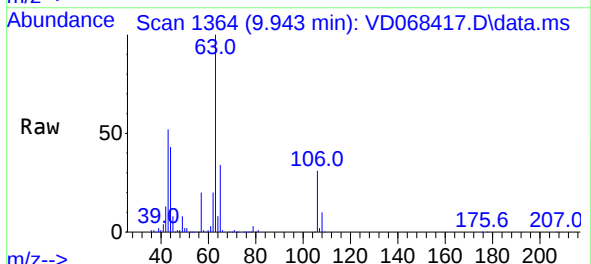
Manual Integrations
APPROVED

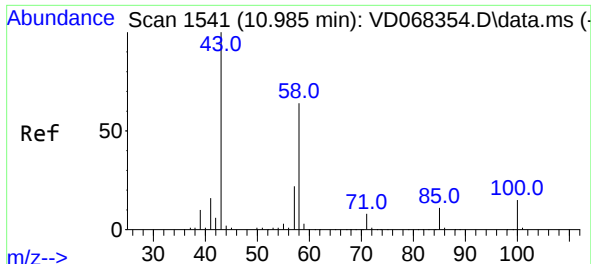
MMDadoda
2/24/2021 1:35:18 PM



#58
2-Chloroethyl Vinyl ether
Concen: 268.68 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 63 Resp: 546421
Ion Ratio Lower Upper
63 100
106 30.8 27.0 40.4





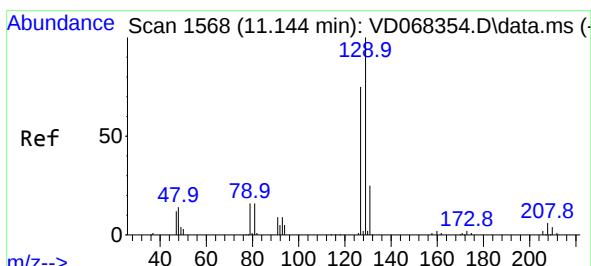
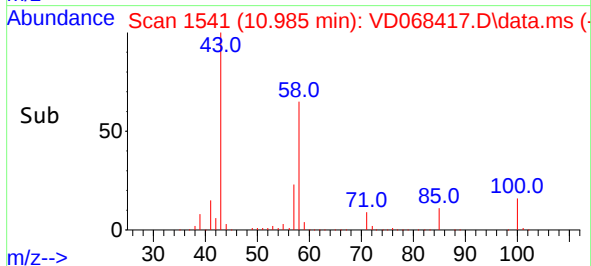
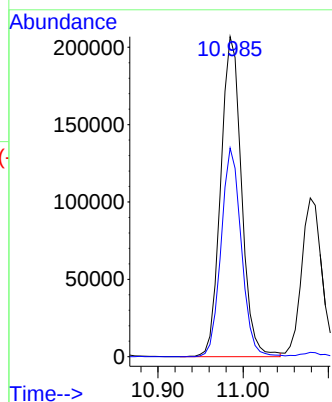
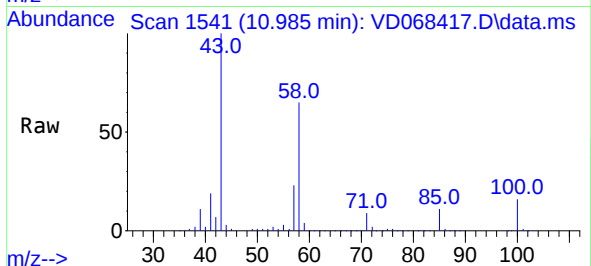
#59
2-Hexanone
Concen: 254.80 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 43 Resp: 351299
Ion Ratio Lower Upper
43 100
58 63.3 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

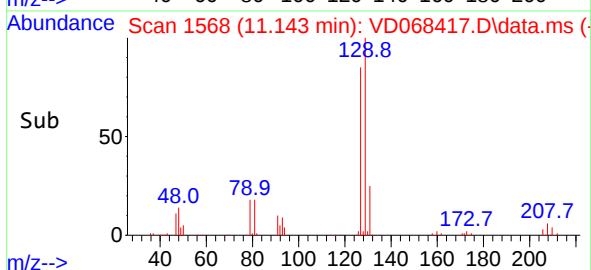
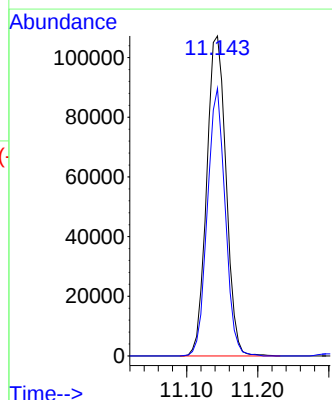
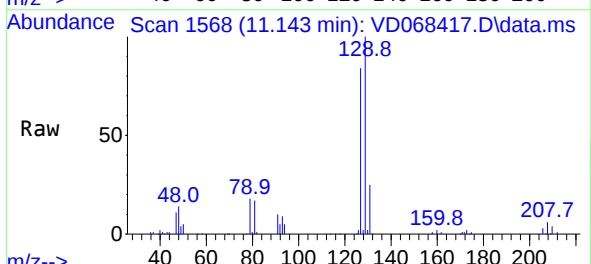
Manual Integrations
APPROVED

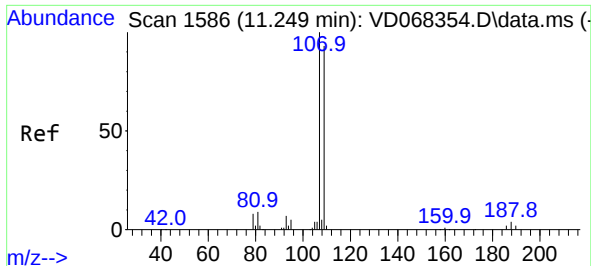
MMDadoda
2/24/2021 1:35:18 PM



#60
Dibromochloromethane
Concen: 51.29 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

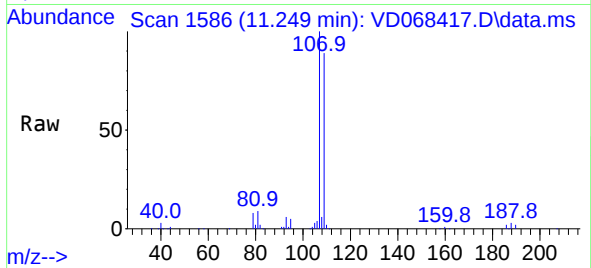
Tgt Ion: 129 Resp: 203726
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.34 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

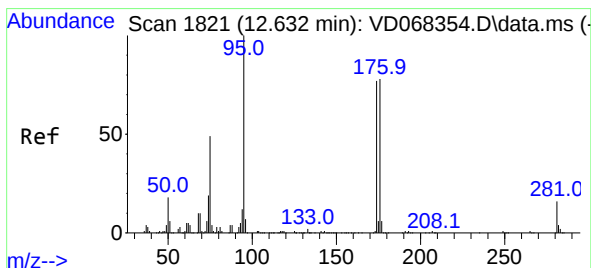
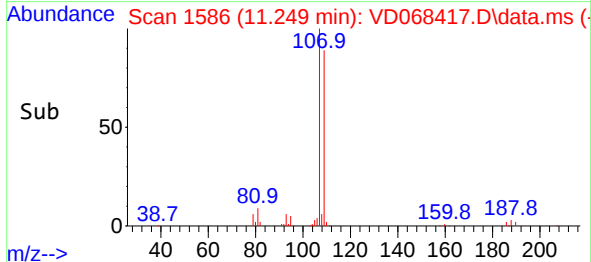
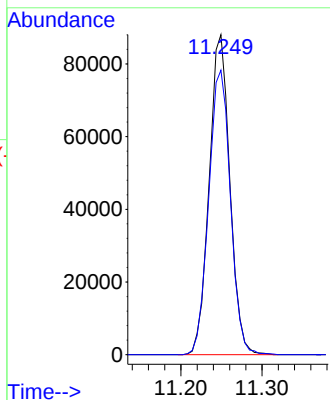
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



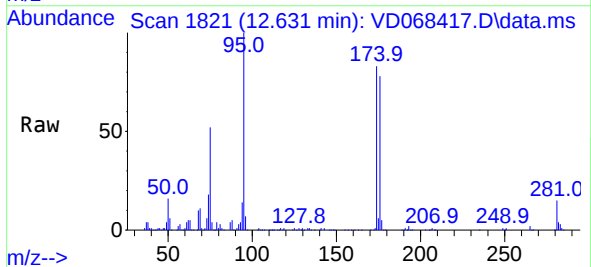
Tgt Ion:107 Resp: 155713
Ion Ratio Lower Upper
107 100
109 93.4 74.8 112.2

Manual Integrations
APPROVED

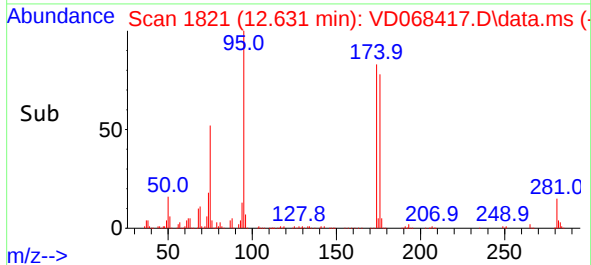
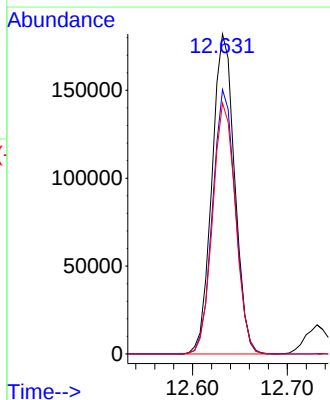
MMDadoda
2/24/2021 1:35:18 PM

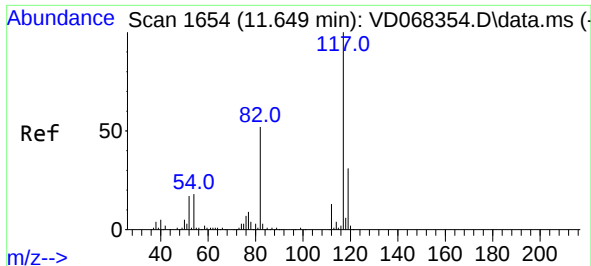


#62
4-Bromofluorobenzene
Concen: 54.40 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



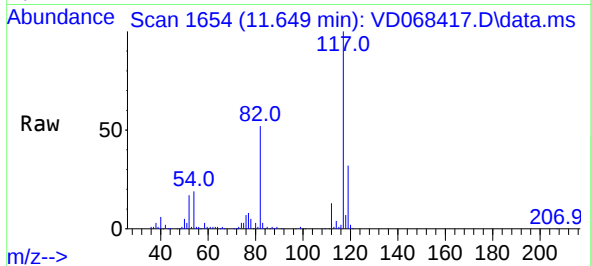
Tgt Ion: 95 Resp: 302449
Ion Ratio Lower Upper
95 100
174 83.0 0.0 172.4
176 79.2 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

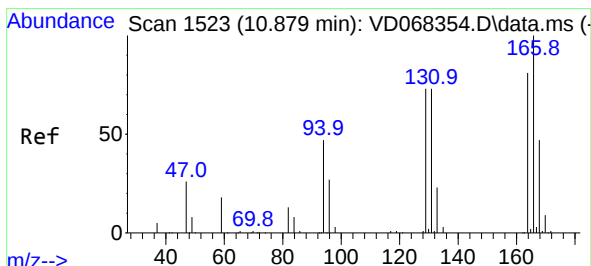
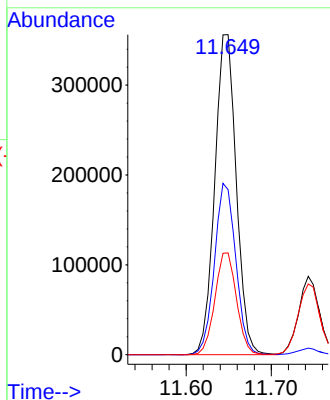
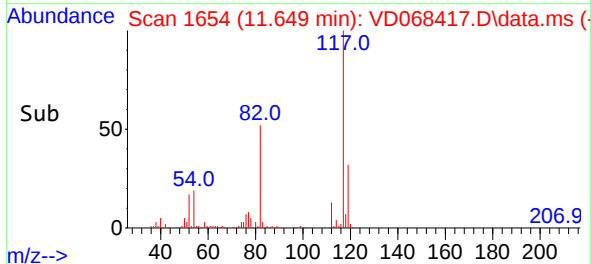
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



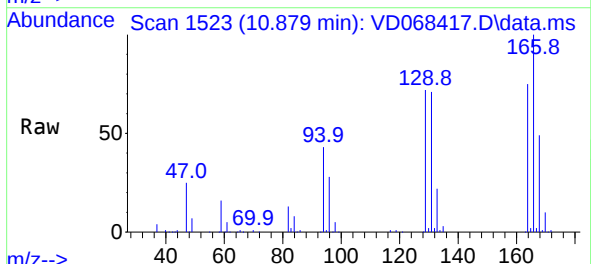
Tgt Ion:117 Resp: 625346
Ion Ratio Lower Upper
117 100
82 51.5 41.4 62.0
119 31.8 26.1 39.1

Manual Integrations
APPROVED

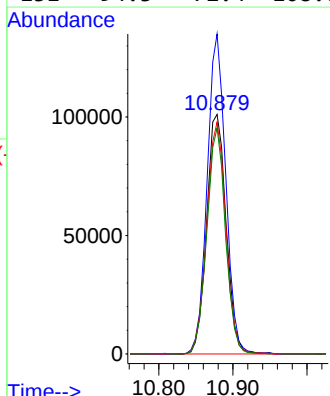
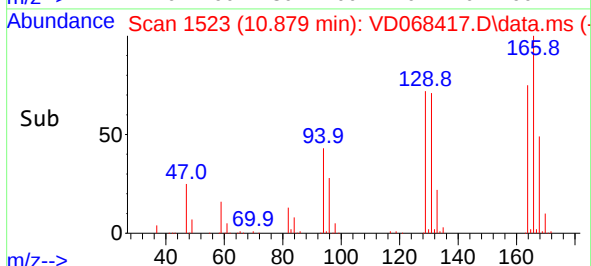
MMDadoda
2/24/2021 1:35:18 PM

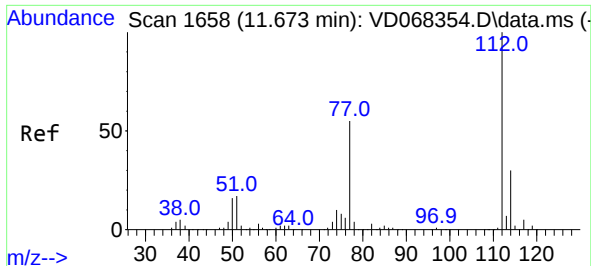


#64
Tetrachloroethene
Concen: 48.15 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



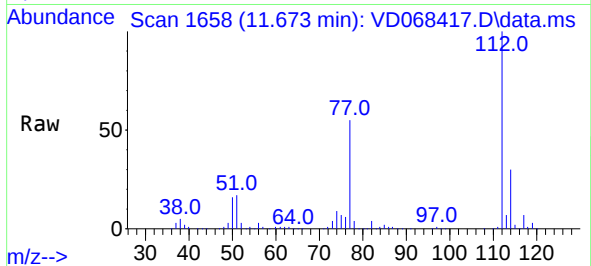
Tgt Ion:164 Resp: 185287
Ion Ratio Lower Upper
164 100
166 133.6 105.5 158.3
129 96.8 75.6 113.4
131 94.3 72.4 108.6





#65
Chlorobenzene
Concen: 48.94 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

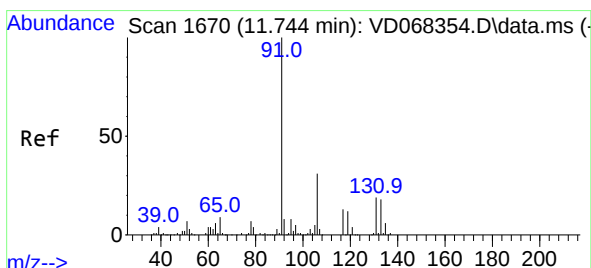
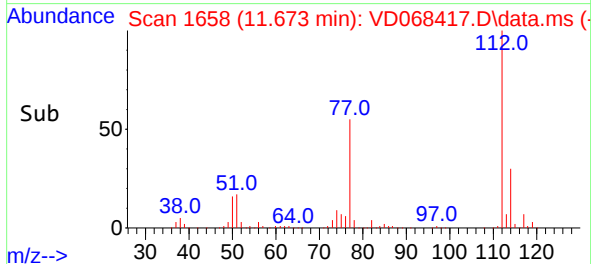
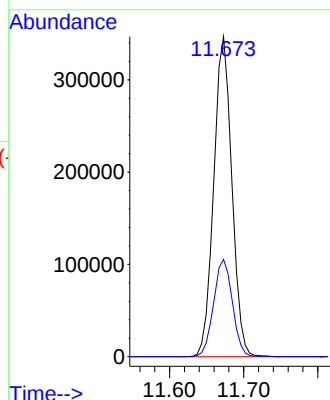
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



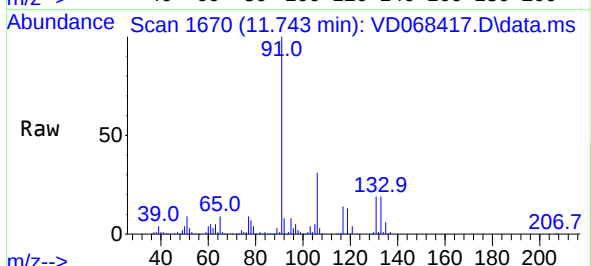
Tgt Ion:112 Resp: 588484
Ion Ratio Lower Upper
112 100
114 30.4 25.7 38.5

Manual Integrations
APPROVED

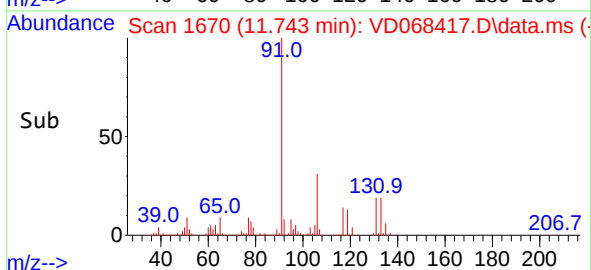
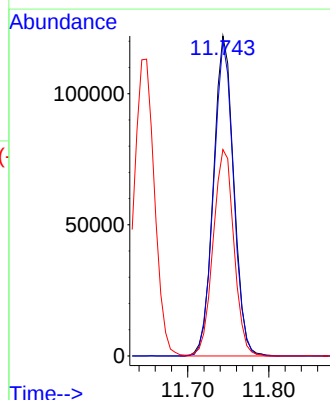
MMDadoda
2/24/2021 1:35:18 PM

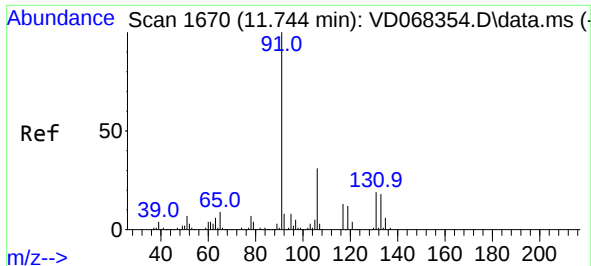


#66
1,1,1,2-Tetrachloroethane
Concen: 50.58 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



Tgt Ion:131 Resp: 212187
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.4
119 66.0 31.6 94.8





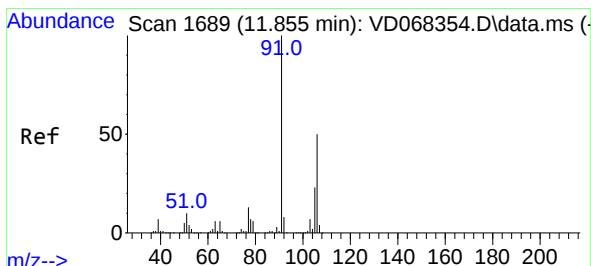
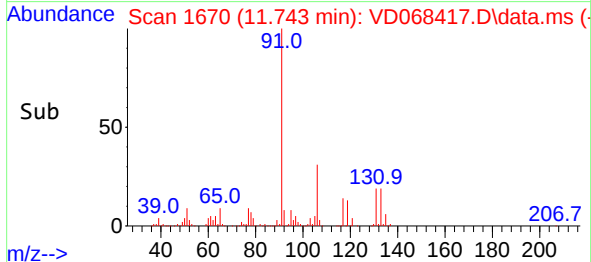
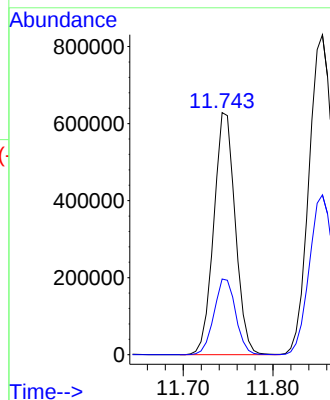
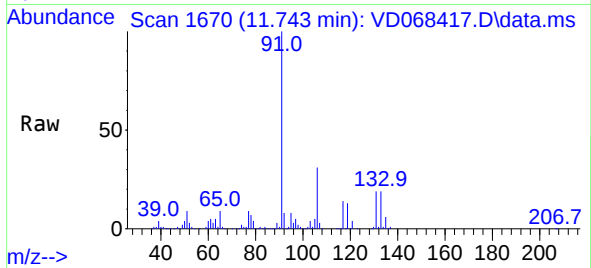
#67
Ethyl Benzene
Concen: 48.57 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 91 Resp: 1047004
Ion Ratio Lower Upper
91 100
106 31.2 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

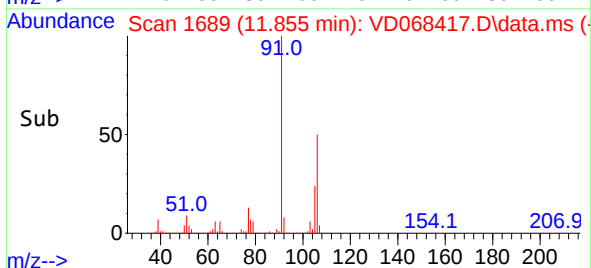
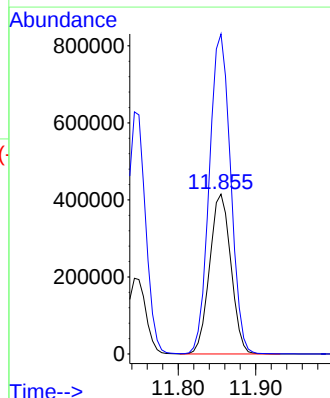
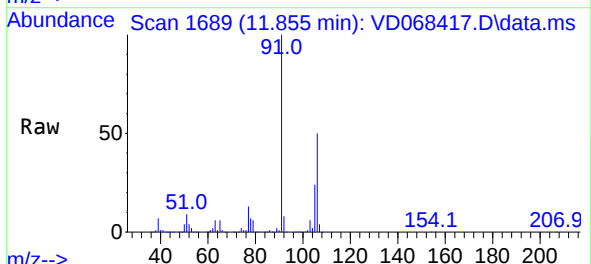
Manual Integrations
APPROVED

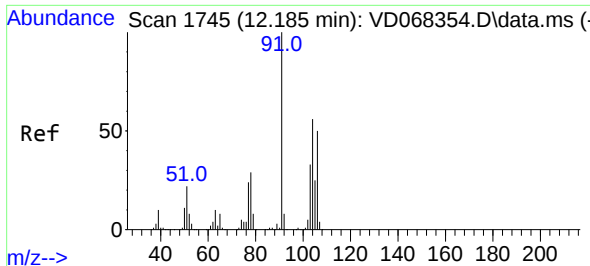
MMDadoda
2/24/2021 1:35:18 PM



#68
m/p-Xylenes
Concen: 97.20 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion:106 Resp: 791987
Ion Ratio Lower Upper
106 100
91 200.2 159.1 238.7





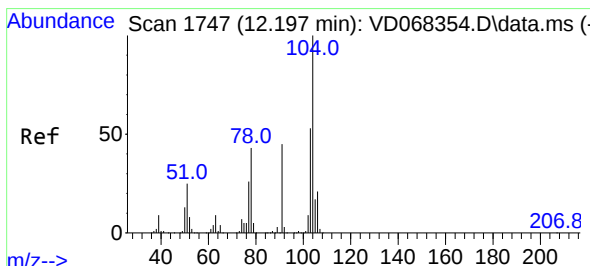
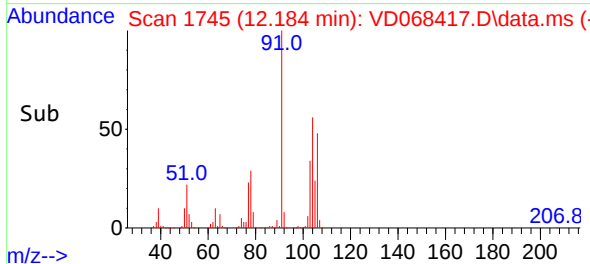
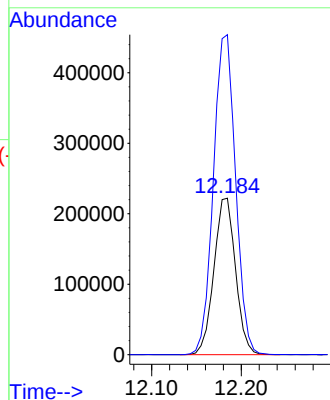
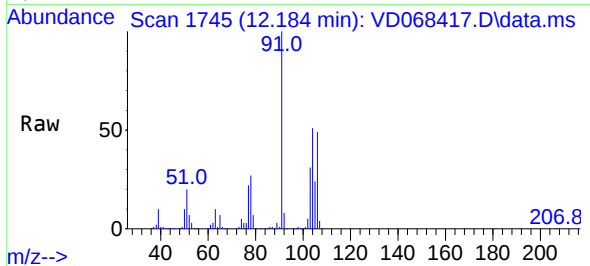
#69
o-Xylene
Concen: 49.66 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion:106 Resp: 371217
Ion Ratio Lower Upper
106 100
91 209.7 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

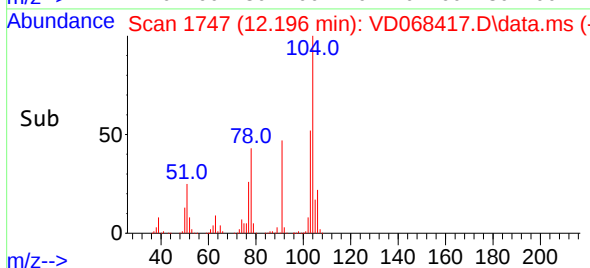
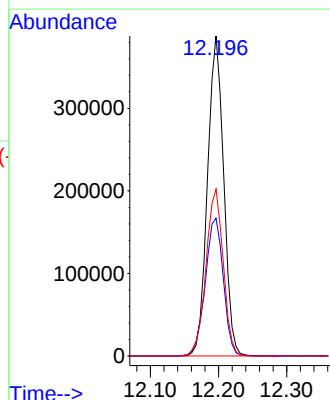
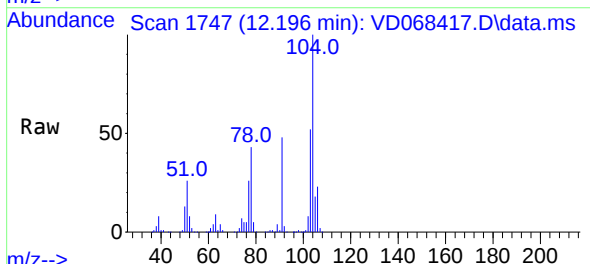
Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:18 PM



#70
Styrene
Concen: 49.24 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion:104 Resp: 640238
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.2
103 55.5 43.1 64.7





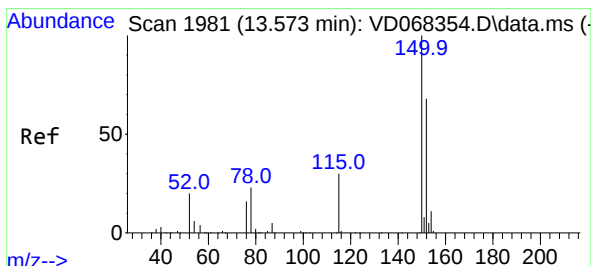
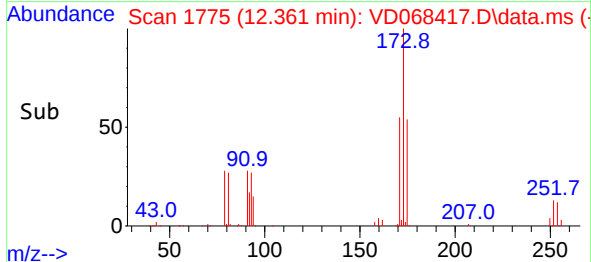
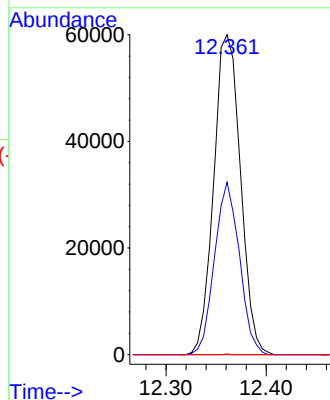
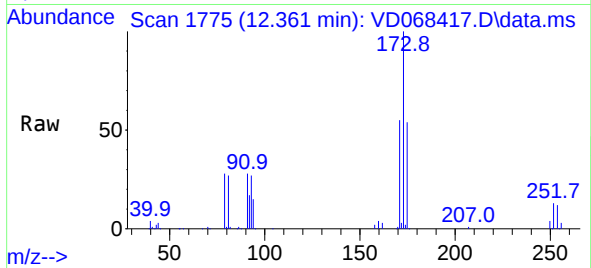
#71
Bromoform
Concen: 51.63 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion:173 Resp: 111301
Ion Ratio Lower Upper
173 100
175 50.2 24.6 73.8
254 0.1 0.0 0.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

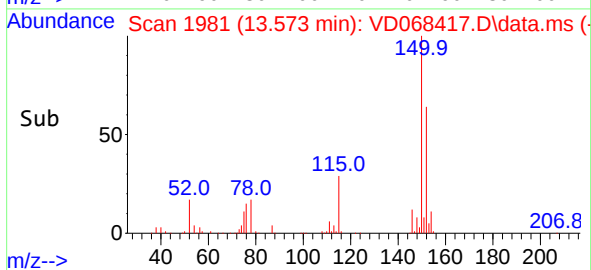
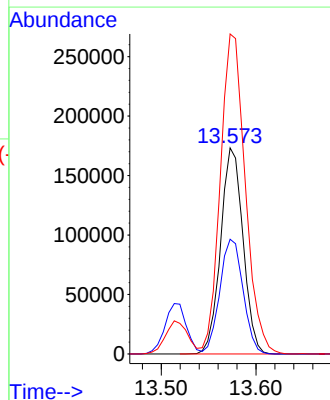
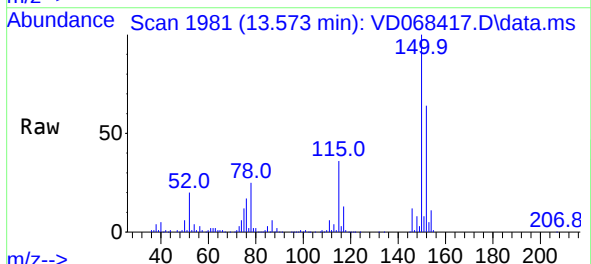
Manual Integrations
APPROVED

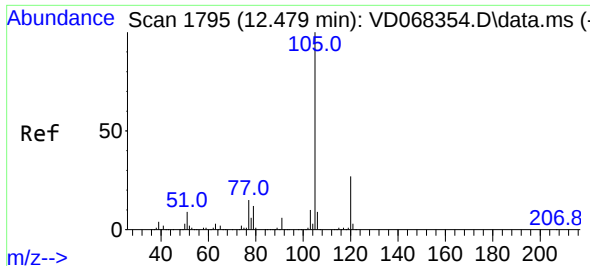
MMDadoda
2/24/2021 1:35:18 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

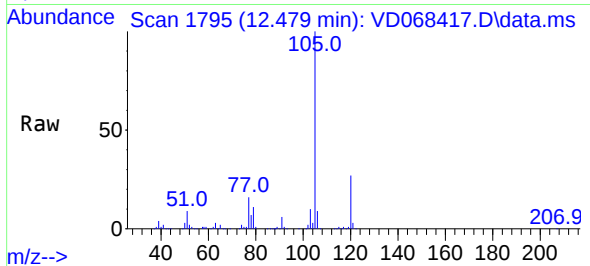
Tgt Ion:152 Resp: 285078
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 172.9 0.0 344.4





#73
Isopropylbenzene
Concen: 49.16 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

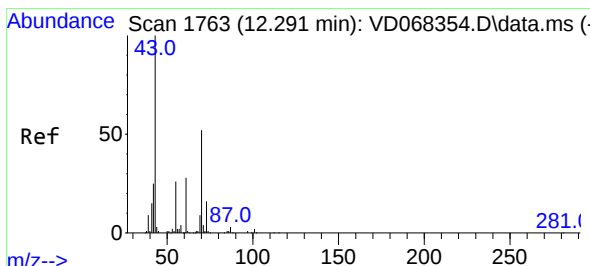
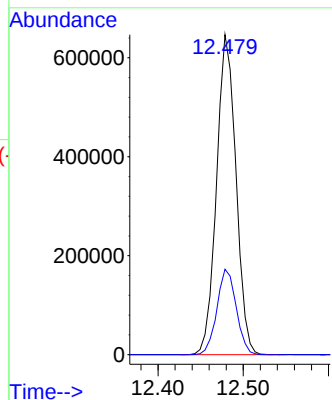
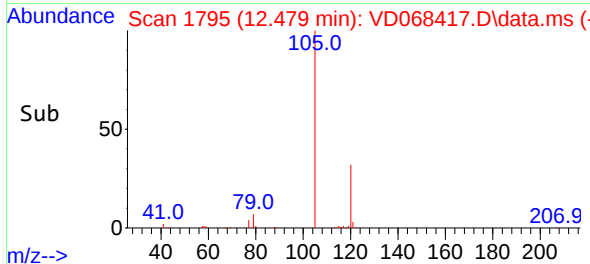
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



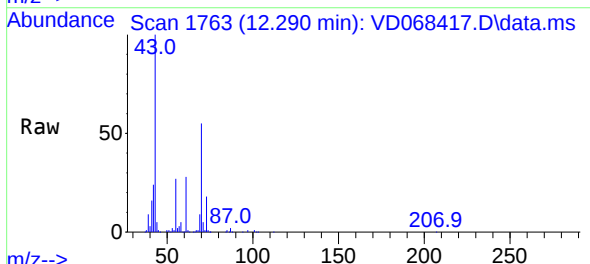
Tgt Ion:105 Resp: 1023757
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6

Manual Integrations
APPROVED

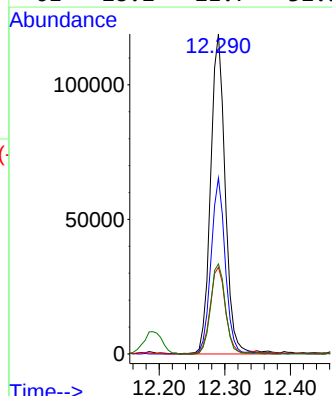
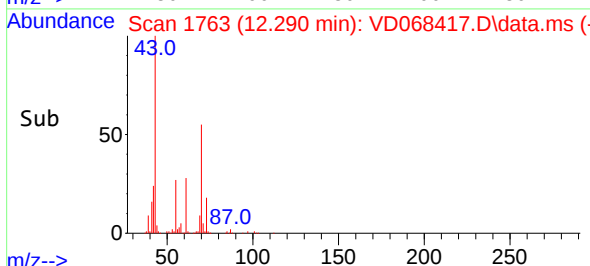
MMDadoda
2/24/2021 1:35:18 PM

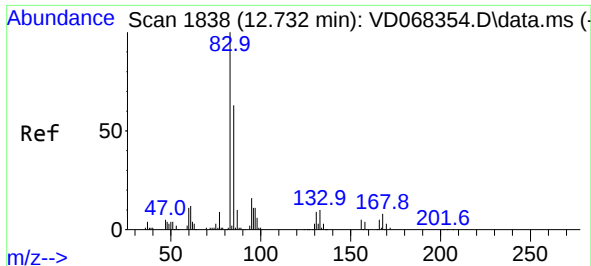


#74
N-ethyl acetate
Concen: 50.37 ug/l
RT: 12.290 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



Tgt Ion: 43 Resp: 185221
Ion Ratio Lower Upper
43 100
70 53.8 41.8 62.8
55 28.1 24.2 36.4
61 28.2 21.7 32.5





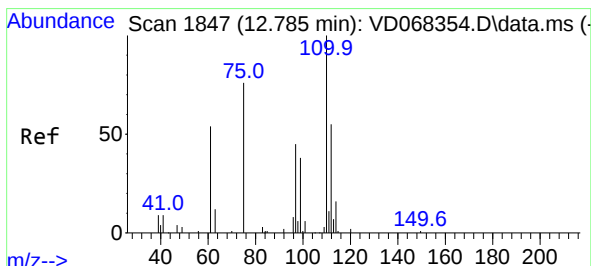
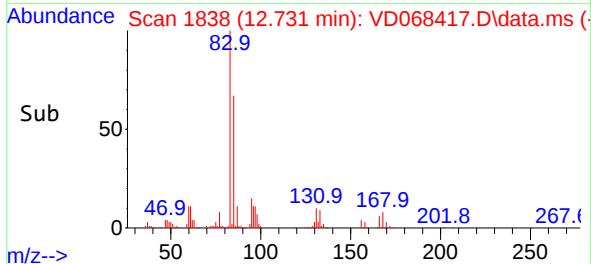
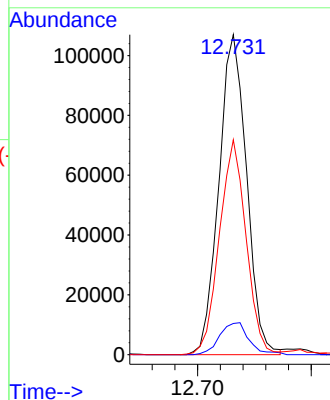
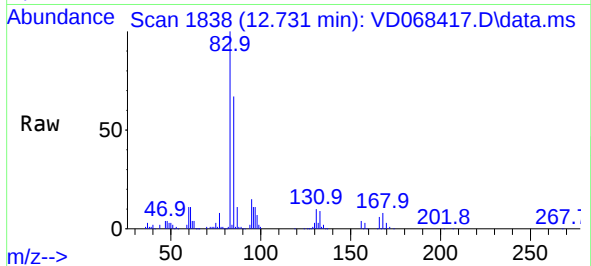
#75
1,1,2,2-Tetrachloroethane
Concen: 50.18 ug/l
RT: 12.731 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 83 Resp: 181080
Ion Ratio Lower Upper
83 100
131 10.6 5.8 17.4
85 64.8 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

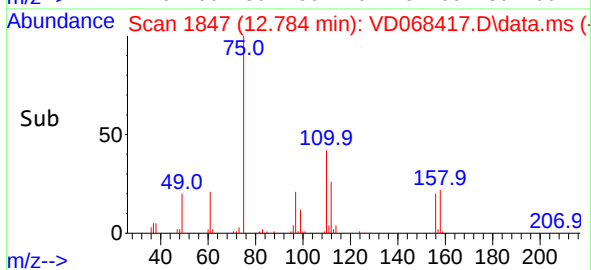
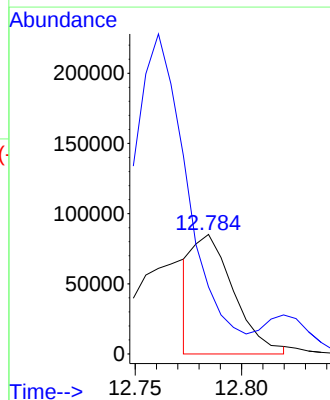
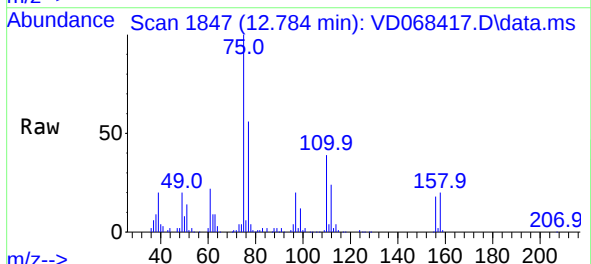
Manual Integrations
APPROVED

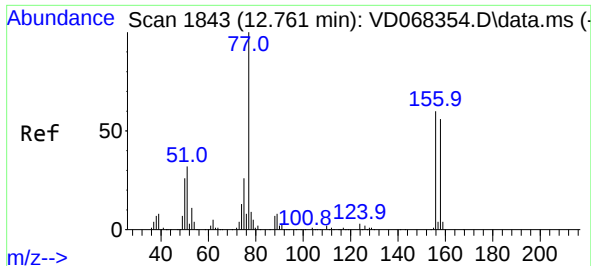
MMDadoda
2/24/2021 1:35:18 PM



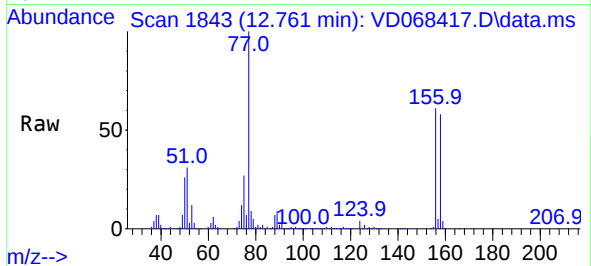
#76
1,2,3-Trichloropropane
Concen: 42.31 ug/l m
RT: 12.784 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 75 Resp: 114786
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

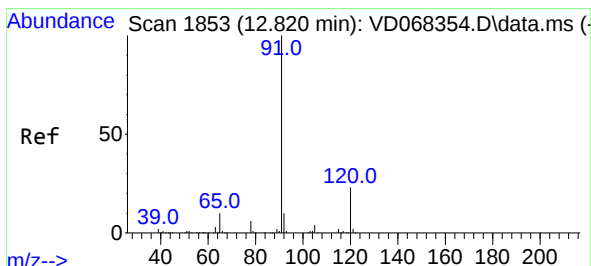
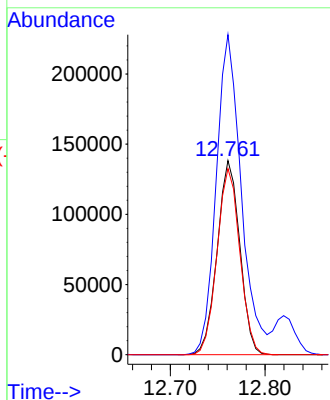
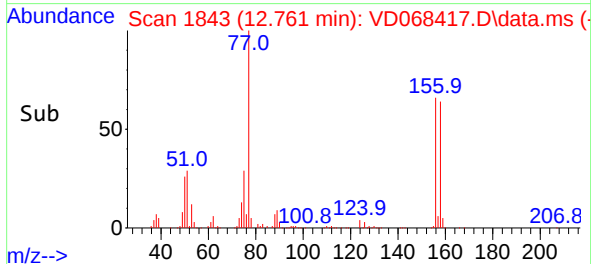




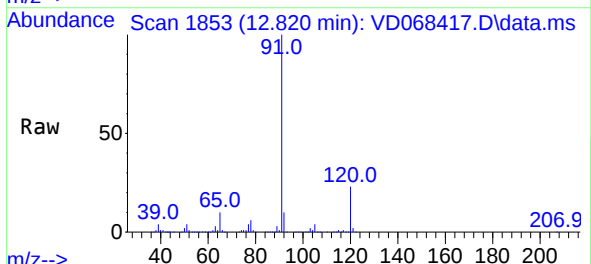
#77
Bromobenzene
Concen: 49.36 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



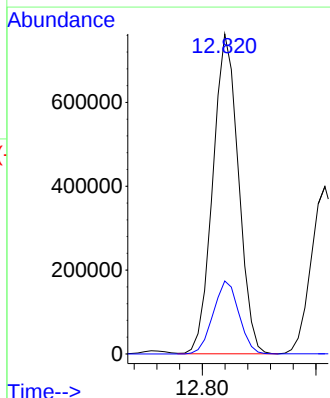
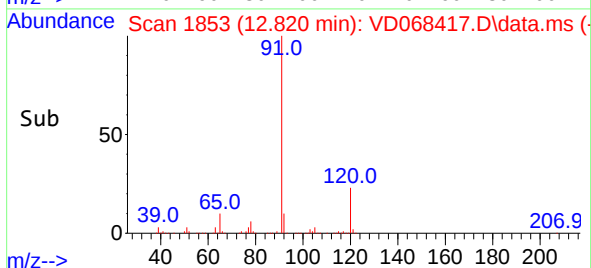
Tgt Ion:156 Resp: 229604
Ion Ratio Lower Upper
156 100
77 182.2 82.8 248.3
158 96.7 48.0 144.0



#78
n-propylbenzene
Concen: 47.89 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



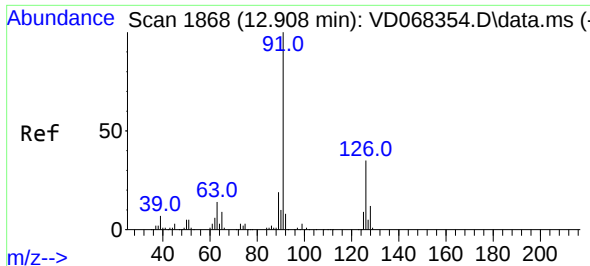
Tgt Ion: 91 Resp: 1193688
Ion Ratio Lower Upper
91 100
120 22.9 12.0 36.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:18 PM



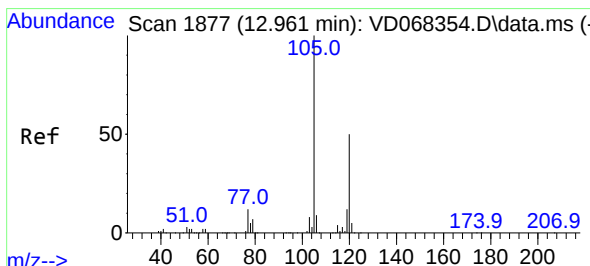
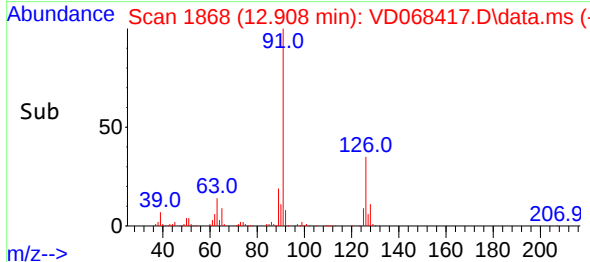
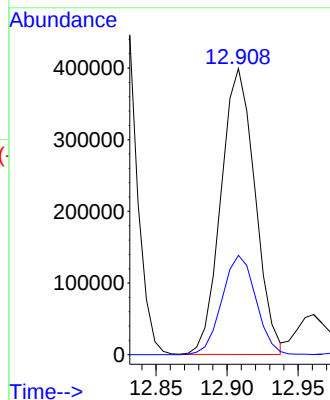
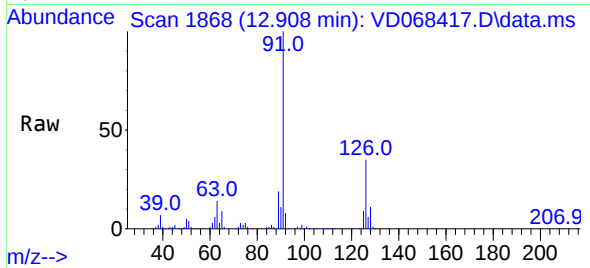
#79
2-Chlorotoluene
Concen: 48.27 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion: 91 Resp: 666367
Ion Ratio Lower Upper
91 100
126 34.6 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

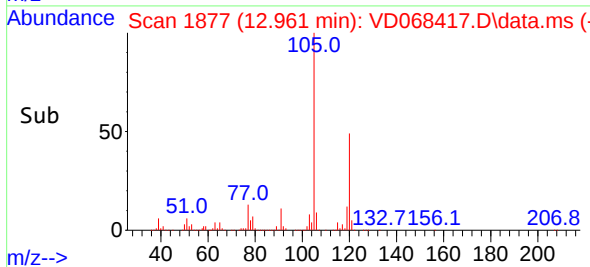
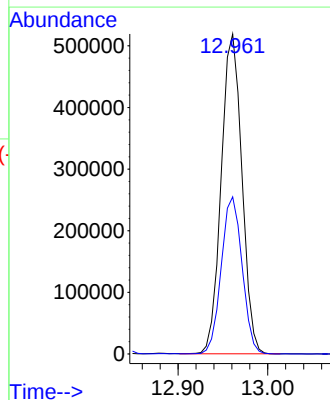
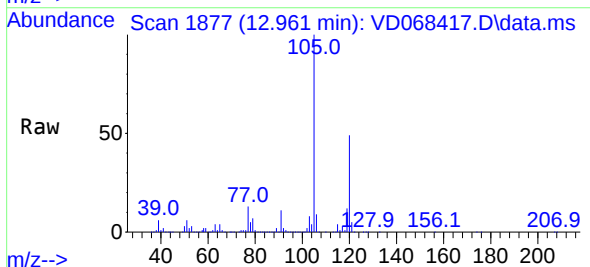
Manual Integrations
APPROVED

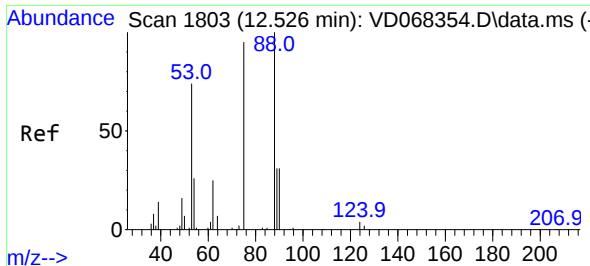
MMDadoda
2/24/2021 1:35:18 PM



#80
1,3,5-Trimethylbenzene
Concen: 48.86 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

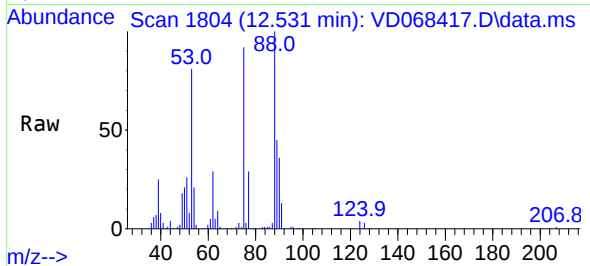
Tgt Ion: 105 Resp: 831458
Ion Ratio Lower Upper
105 100
120 49.5 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 52.55 ug/l
RT: 12.531 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

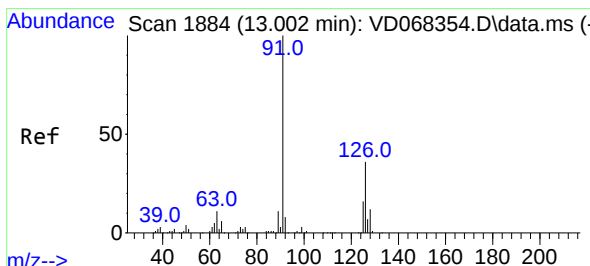
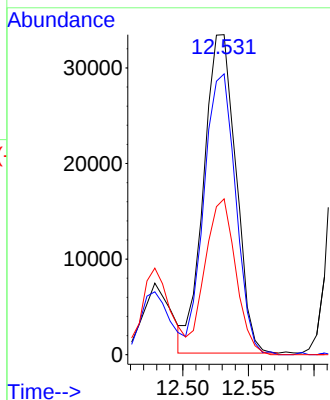
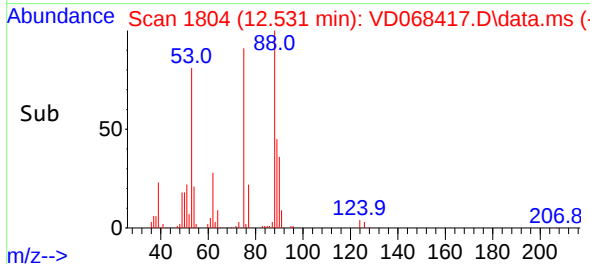
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



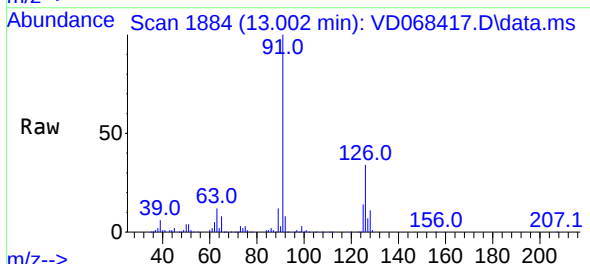
Tgt Ion: 75 Resp: 56867
Ion Ratio Lower Upper
75 100
53 86.5 70.2 105.2
89 46.5 40.3 60.5

Manual Integrations
APPROVED

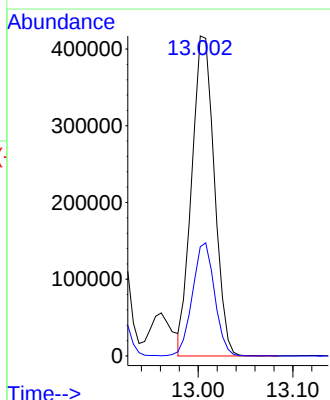
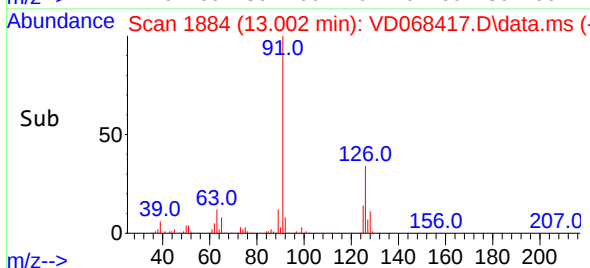
MMDadoda
2/24/2021 1:35:18 PM

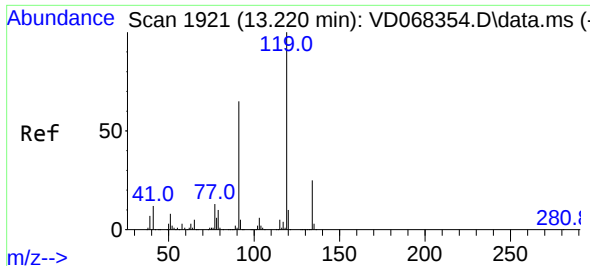


#82
4-Chlorotoluene
Concen: 47.40 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



Tgt Ion: 91 Resp: 691770
Ion Ratio Lower Upper
91 100
126 34.8 17.7 53.1





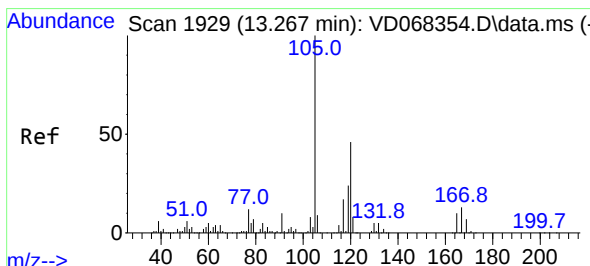
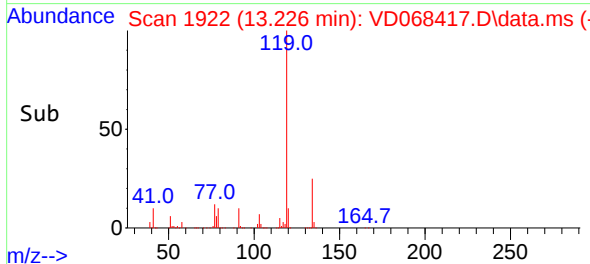
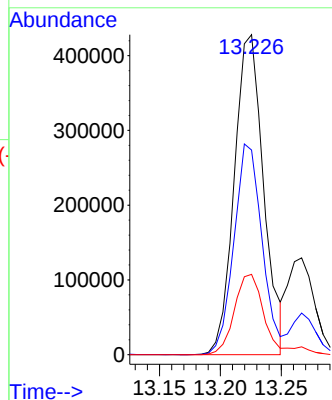
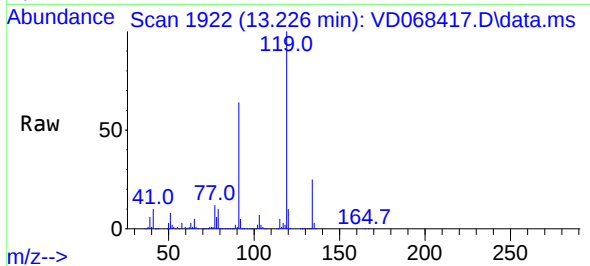
#83
tert-Butylbenzene
Concen: 48.69 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion:119 Resp: 718744
Ion Ratio Lower Upper
119 100
91 63.0 31.1 93.5
134 26.3 13.3 39.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

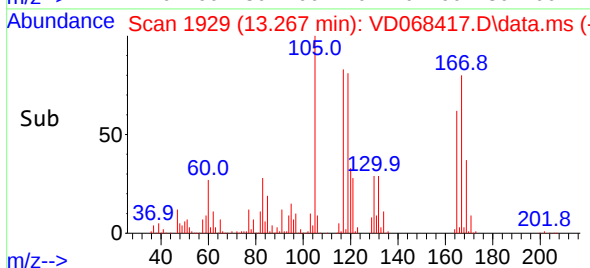
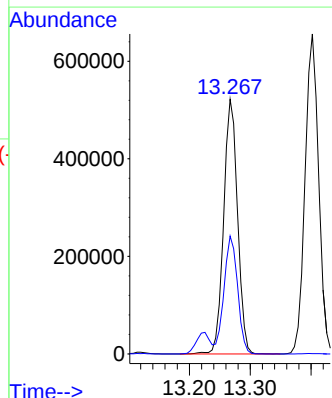
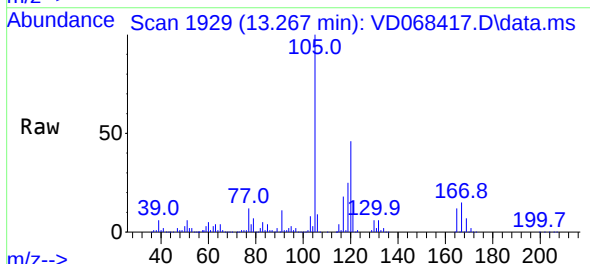
Manual Integrations
APPROVED

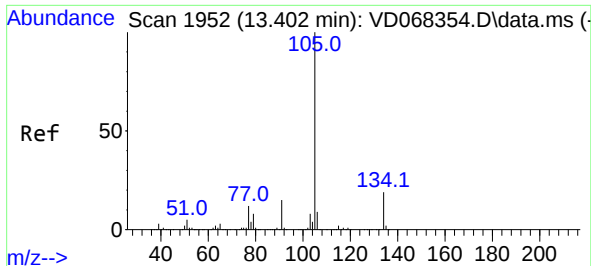
MMDadoda
2/24/2021 1:35:18 PM



#84
1,2,4-Trimethylbenzene
Concen: 48.79 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

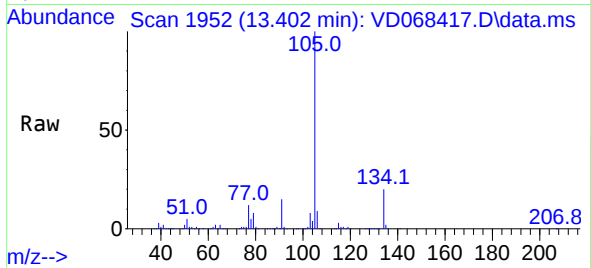
Tgt Ion:105 Resp: 827178
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 49.08 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VD068417.D
 Acq: 23 Feb 2021 10:23

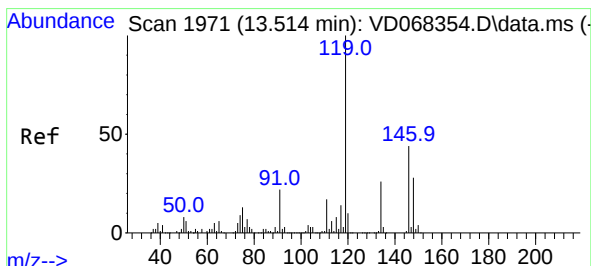
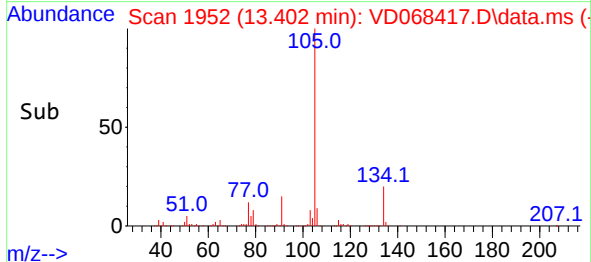
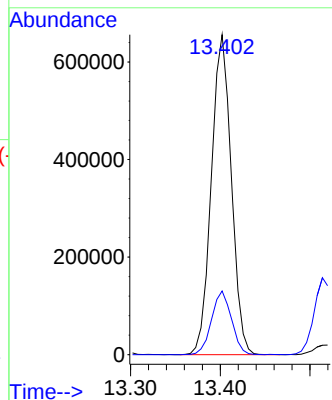
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



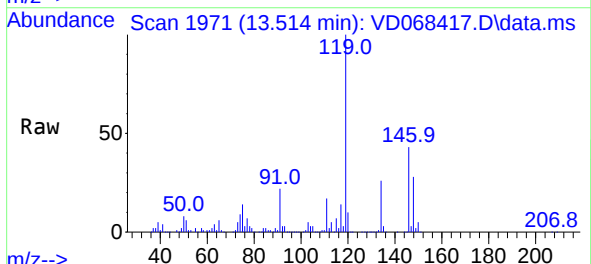
Tgt Ion:105 Resp: 1013123
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.3 30.9

Manual Integrations
 APPROVED

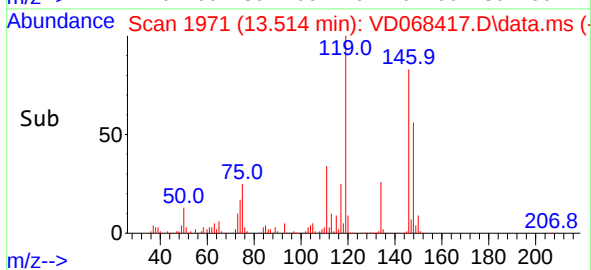
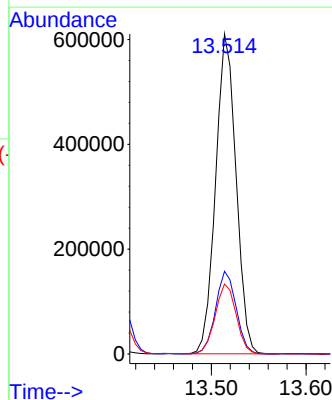
MMDadoda
 2/24/2021 1:35:18 PM

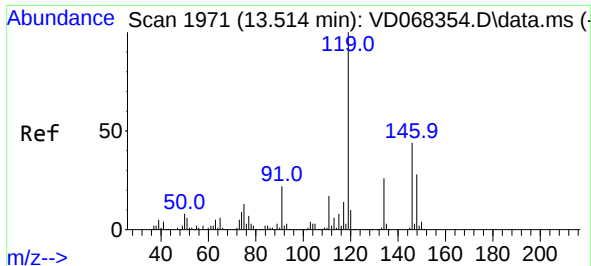


#86
 p-Isopropyltoluene
 Concen: 49.37 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068417.D
 Acq: 23 Feb 2021 10:23



Tgt Ion:119 Resp: 914997
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 22.4 11.7 35.0





#87

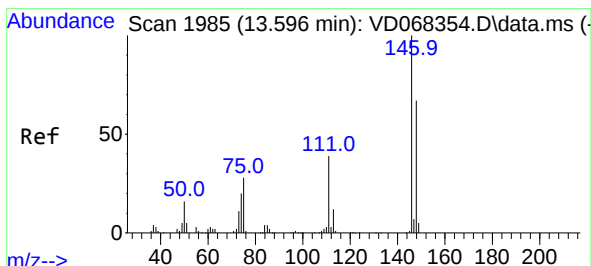
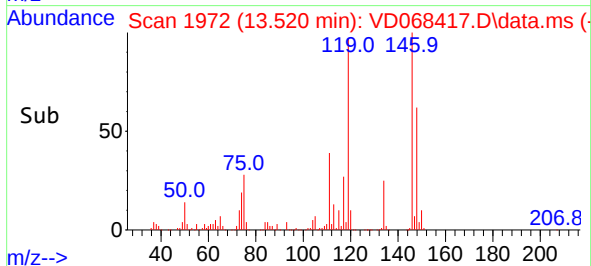
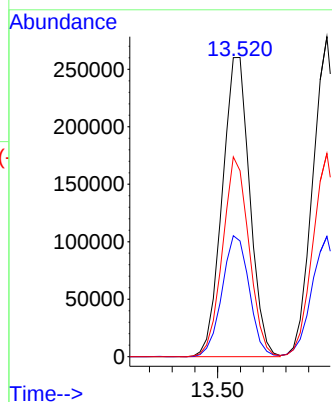
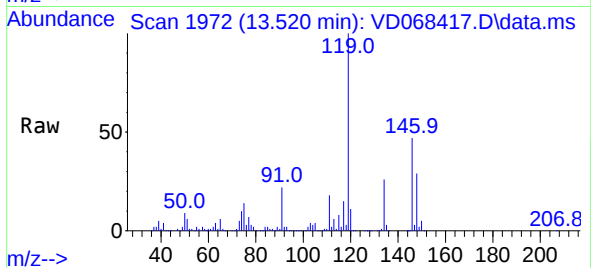
1,3-Dichlorobenzene
Concen: 48.65 ug/l
RT: 13.520 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion:146 Resp: 437879
Ion Ratio Lower Upper
146 100
111 40.0 19.5 58.5
148 64.3 31.6 95.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

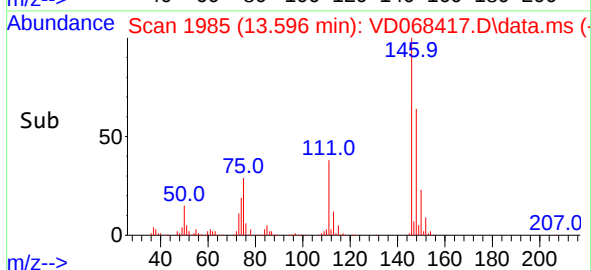
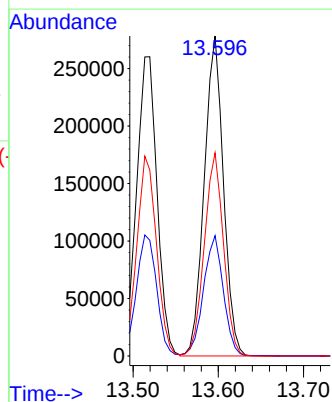
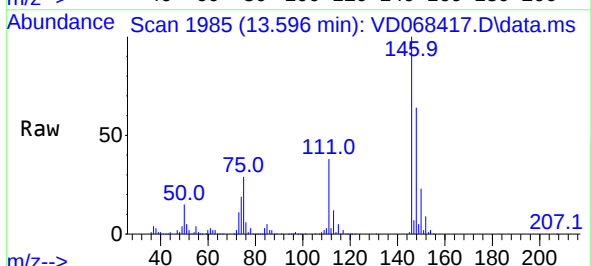
MMDadoda
2/24/2021 1:35:18 PM

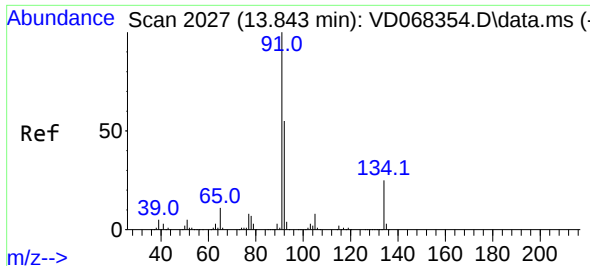


#88

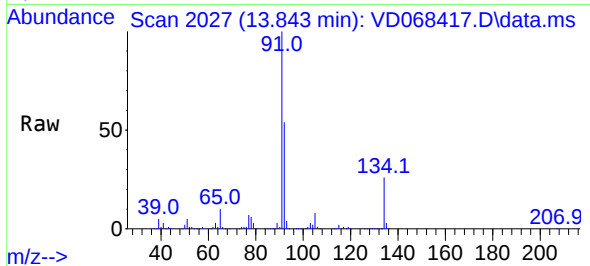
1,4-Dichlorobenzene
Concen: 48.63 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion:146 Resp: 435503
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 63.7 31.9 95.7

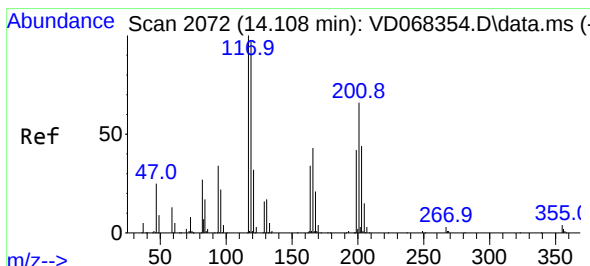
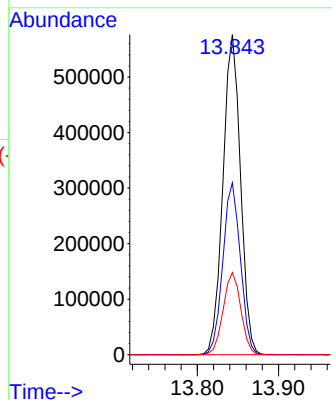
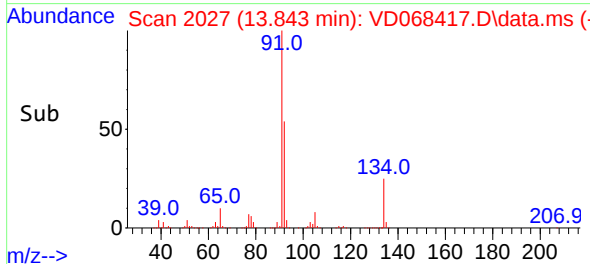




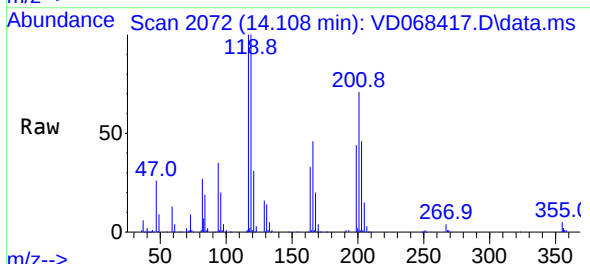
#89
n-Butylbenzene
Concen: 48.06 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



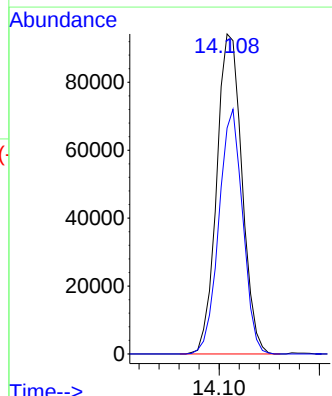
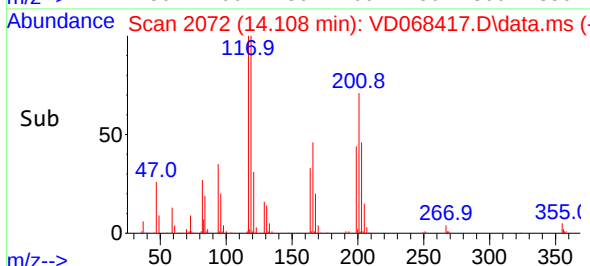
Tgt Ion: 91 Resp: 869135
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.6
134 25.8 13.9 41.7



#90
Hexachloroethane
Concen: 49.04 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



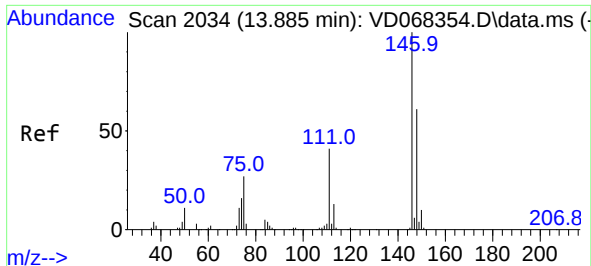
Tgt Ion: 117 Resp: 165010
Ion Ratio Lower Upper
117 100
201 72.0 39.5 118.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

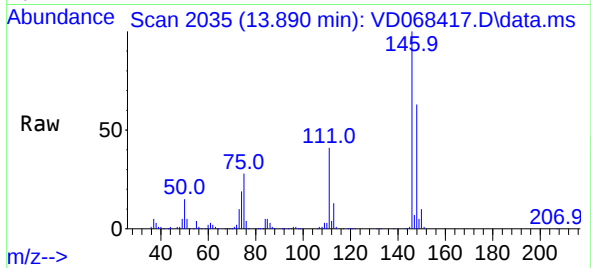
Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:18 PM



#91
1,2-Dichlorobenzene
Concen: 49.77 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

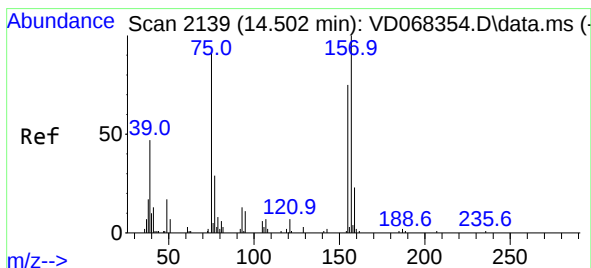
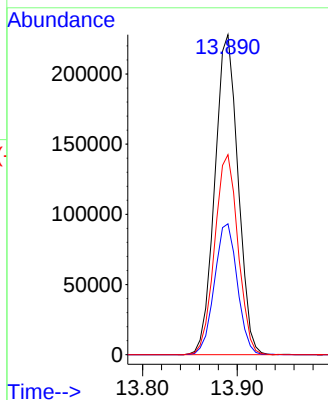
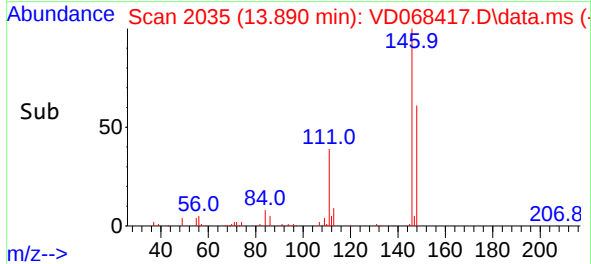
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



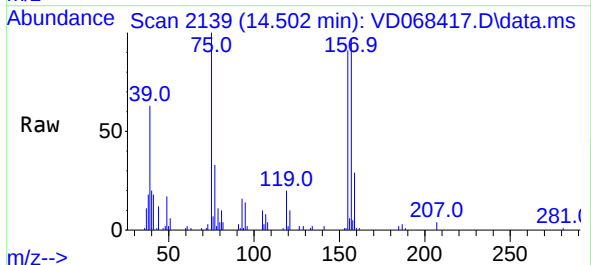
Tgt Ion:146 Resp: 388380
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 63.0 31.7 95.1

Manual Integrations
APPROVED

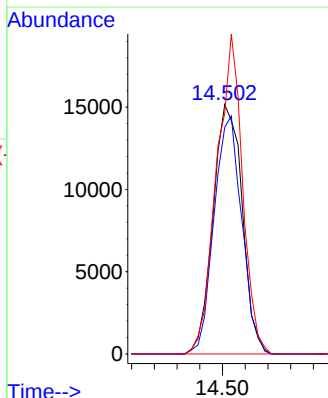
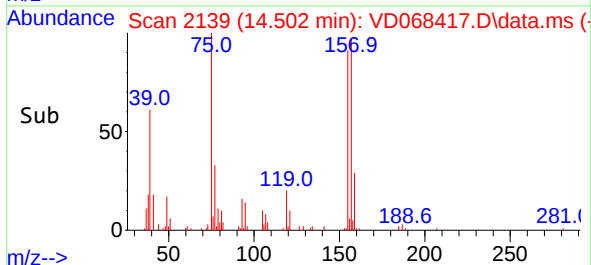
MMDadoda
2/24/2021 1:35:18 PM

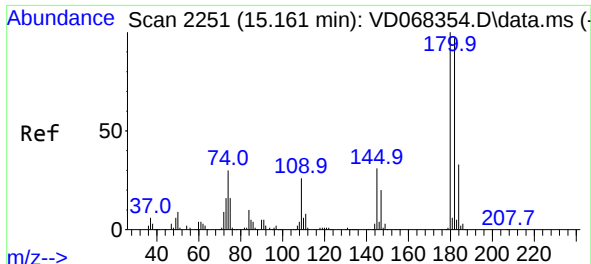


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.02 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



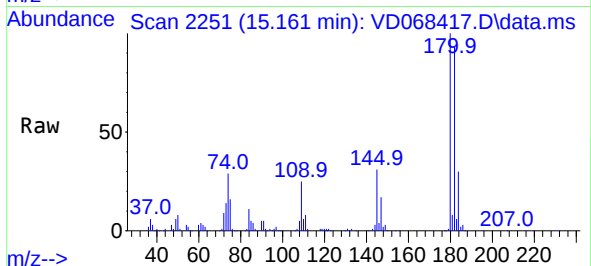
Tgt Ion: 75 Resp: 26917
Ion Ratio Lower Upper
75 100
155 91.0 48.0 144.2
157 114.0 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 51.27 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

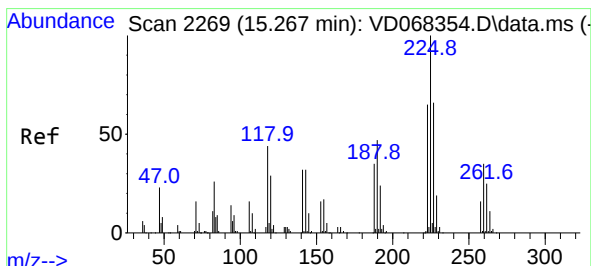
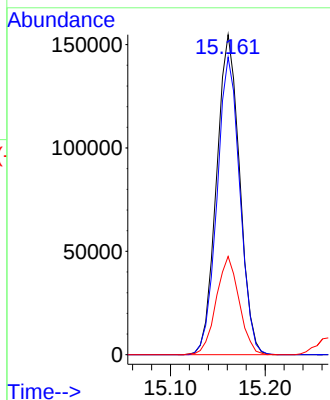
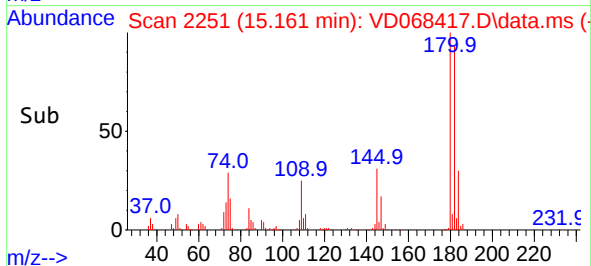
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



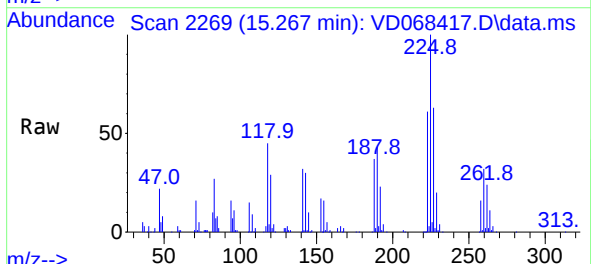
Tgt Ion:180 Resp: 262056
Ion Ratio Lower Upper
180 100
182 91.9 46.8 140.4
145 30.5 15.2 45.5

Manual Integrations
APPROVED

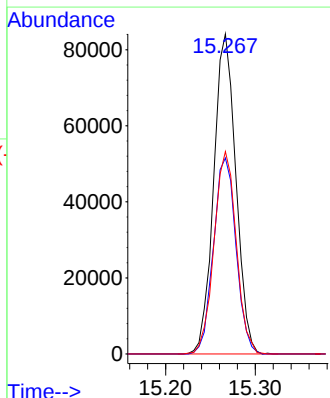
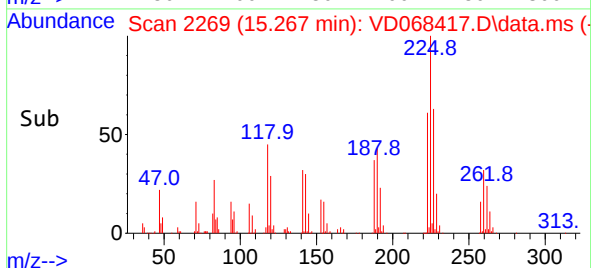
MMDadoda
2/24/2021 1:35:18 PM

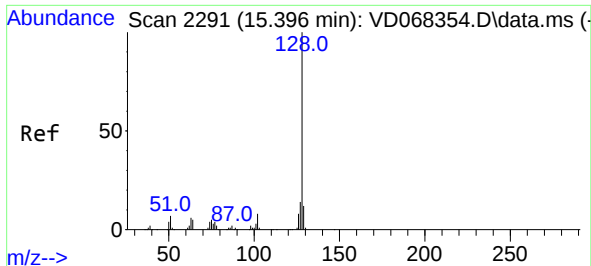


#94
Hexachlorobutadiene
Concen: 51.33 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23



Tgt Ion:225 Resp: 144315
Ion Ratio Lower Upper
225 100
223 62.2 31.9 95.5
227 63.4 32.1 96.5





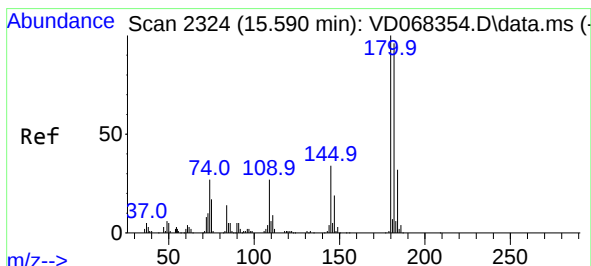
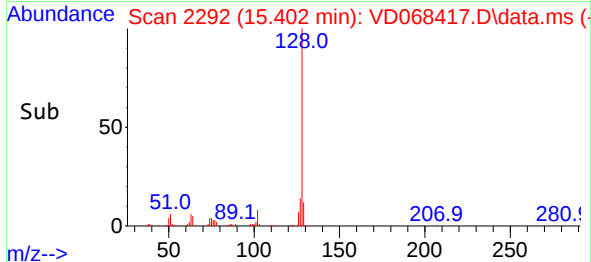
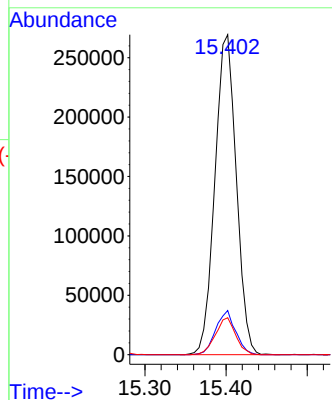
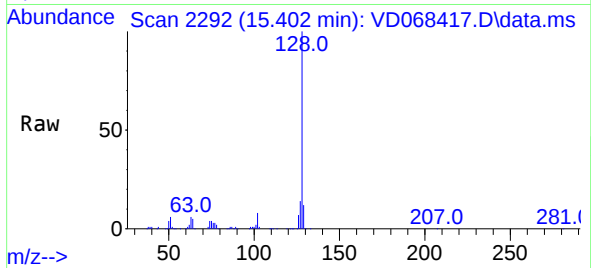
#95
Naphthalene
Concen: 51.86 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion:	128	Resp:	492719
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	11.0	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.36 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.006 min
Lab File: VD068417.D
Acq: 23 Feb 2021 10:23

Tgt Ion:	180	Resp:	224526
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.3	144.8
145	31.9	16.7	50.1

