

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068397.D
 Acq On : 19 Feb 2021 13:49
 Operator : VA/SY
 Sample : VD0219SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/22/2021 4:58:04 PM

Quant Time: Feb 19 23:30:01 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	340905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	593447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	540044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	242380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	190233	54.58	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.16%			
35) Dibromofluoromethane	7.920	113	191735	54.43	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.86%			
50) Toluene-d8	10.344	98	783638	53.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.34%			
62) 4-Bromofluorobenzene	12.632	95	247435	52.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.06%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	63103	20.20	ug/l	96
3) Chloromethane	2.209	50	74279	19.97	ug/l	95
4) Vinyl Chloride	2.350	62	89770	20.16	ug/l	99
5) Bromomethane	2.762	94	64492	20.27	ug/l	99
6) Chloroethane	2.920	64	59573	20.49	ug/l	93
7) Trichlorofluoromethane	3.273	101	113666	20.74	ug/l	99
8) Diethyl Ether	3.715	74	32006	19.89	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.103	101	69693	20.90	ug/l	93
10) Methyl Iodide	4.303	142	62010	19.80	ug/l	95
11) Tert butyl alcohol	5.214	59	30519	174.67	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	66721	20.58	ug/l	91
13) Acrolein	3.926	56	16664	83.40	ug/l	98
14) Allyl chloride	4.720	41	88608	21.02	ug/l	97
15) Acrylonitrile	5.426	53	70860	102.01	ug/l	99
16) Acetone	4.156	43	52375	97.41	ug/l	100
17) Carbon Disulfide	4.414	76	190266	20.26	ug/l	99
18) Methyl Acetate	4.720	43	29140	19.75	ug/l	91
19) Methyl tert-butyl Ether	5.485	73	150322	20.55	ug/l	95
20) Methylene Chloride	4.967	84	87207	21.62	ug/l #	85
21) trans-1,2-Dichloroethene	5.473	96	78732	20.98	ug/l	95
22) Diisopropyl ether	6.361	45	199433	21.38	ug/l #	91
23) Vinyl Acetate	6.308	43	503329	104.50	ug/l	98
24) 1,1-Dichloroethane	6.267	63	133873	20.97	ug/l	97
25) 2-Butanone	7.214	43	79055	105.15	ug/l	96
26) 2,2-Dichloropropane	7.208	77	115896	21.23	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	87580	20.53	ug/l	92
28) Bromochloromethane	7.550	49	55563	20.99	ug/l #	77
29) Tetrahydrofuran	7.567	42	47800	98.29	ug/l	97
30) Chloroform	7.708	83	139988	21.09	ug/l	98
31) Cyclohexane	7.985	56	120271	22.15	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	120528	21.01	ug/l	94
36) 1,1-Dichloropropene	8.114	75	107671	20.51	ug/l	96
37) Ethyl Acetate	7.297	43	35655	20.10	ug/l	97
38) Carbon Tetrachloride	8.097	117	106335	21.23	ug/l	97
39) Methylcyclohexane	9.355	83	131867	20.48	ug/l	96
40) Benzene	8.355	78	315820	21.09	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068397.D
 Acq On : 19 Feb 2021 13:49
 Operator : VA/SY
 Sample : VD0219SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/22/2021 4:58:04 PM

Quant Time: Feb 19 23:30:01 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	7.526	41	20636	20.21	ug/l	93
42) 1,2-Dichloroethane	8.426	62	83324	20.86	ug/l	97
43) Isopropyl Acetate	8.455	43	68469	20.15	ug/l	98
44) Trichloroethene	9.114	130	85675	21.02	ug/l	98
45) 1,2-Dichloropropane	9.391	63	78453	21.47	ug/l	98
46) Dibromomethane	9.479	93	39806	20.08	ug/l	93
47) Bromodichloromethane	9.661	83	109146	21.24	ug/l	97
48) Methyl methacrylate	9.455	41	32428	19.13	ug/l	89
49) 1,4-Dioxane	9.467	88	9341	403.34	ug/l #	83
51) 4-Methyl-2-Pentanone	10.232	43	177762	101.88	ug/l	98
52) Toluene	10.408	92	201948	20.98	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	100001	21.03	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	121446	20.90	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	56223	20.53	ug/l	96
56) Ethyl methacrylate	10.661	69	65431	20.14	ug/l	96
57) 1,3-Dichloropropane	10.949	76	96909	20.17	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	176147	101.25	ug/l	91
59) 2-Hexanone	10.985	43	118405	100.39	ug/l	100
60) Dibromochloromethane	11.144	129	69025	20.31	ug/l	99
61) 1,2-Dibromoethane	11.244	107	53220	20.11	ug/l	100
64) Tetrachloroethene	10.879	164	68792	20.70	ug/l	97
65) Chlorobenzene	11.673	112	213192	20.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	74276	20.50	ug/l	98
67) Ethyl Benzene	11.743	91	387095	20.79	ug/l	94
68) m/p-Xylenes	11.855	106	290532	41.29	ug/l	98
69) o-Xylene	12.179	106	132311	20.50	ug/l	99
70) Styrene	12.196	104	231280	20.60	ug/l	99
71) Bromoform	12.361	173	37409	20.10	ug/l #	96
73) Isopropylbenzene	12.479	105	371645	20.99	ug/l	99
74) N-amyl acetate	12.291	43	61775	19.76	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	64360	20.98	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	45777m	19.85	ug/l	
77) Bromobenzene	12.761	156	82466	20.85	ug/l	91
78) n-propylbenzene	12.820	91	447171	21.10	ug/l	97
79) 2-Chlorotoluene	12.908	91	243963	20.78	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	301986	20.87	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.526	75	18488	20.09	ug/l	94
82) 4-Chlorotoluene	13.002	91	258958	20.87	ug/l	97
83) tert-Butylbenzene	13.220	119	262897	20.95	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	302613	20.99	ug/l	99
85) sec-Butylbenzene	13.396	105	368565	21.00	ug/l	98
86) p-Isopropyltoluene	13.514	119	329347	20.90	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	156776	20.49	ug/l	97
88) 1,4-Dichlorobenzene	13.596	146	157171	20.64	ug/l	98
89) n-Butylbenzene	13.843	91	318508	20.71	ug/l	98
90) Hexachloroethane	14.108	117	59939	20.95	ug/l	88
91) 1,2-Dichlorobenzene	13.890	146	136879	20.63	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8559	19.08	ug/l	86
93) 1,2,4-Trichlorobenzene	15.155	180	92860	21.37	ug/l	97
94) Hexachlorobutadiene	15.267	225	49538	20.73	ug/l	100
95) Naphthalene	15.396	128	160067	19.81	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	76008	20.05	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
Data File : VD068397.D
Acq On : 19 Feb 2021 13:49
Operator : VA/SY
Sample : VD0219SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

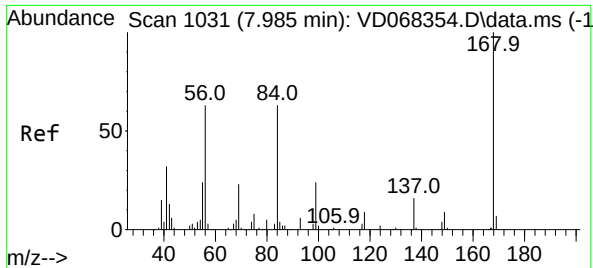
Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:58:04 PM

Quant Time: Feb 19 23:30:01 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



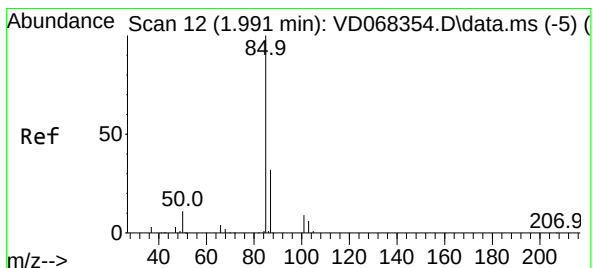
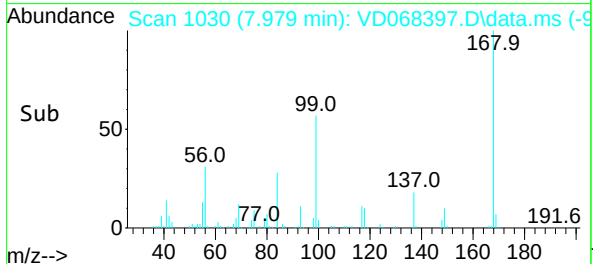
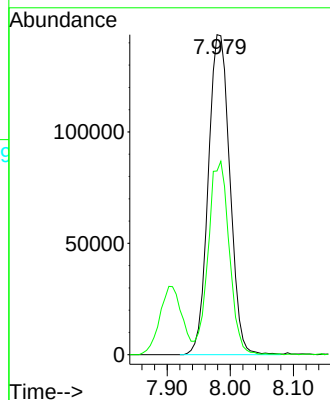
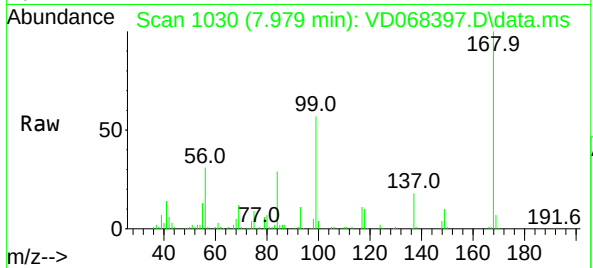
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 168 Resp: 340905
Ion Ratio Lower Upper
168 100
99 57.2 43.5 65.3

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

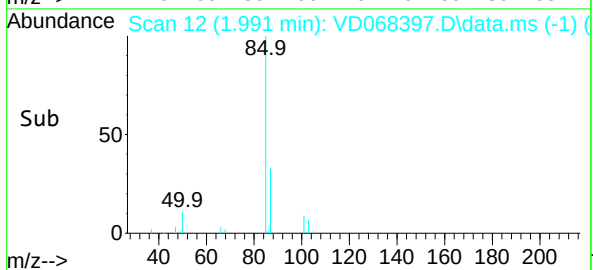
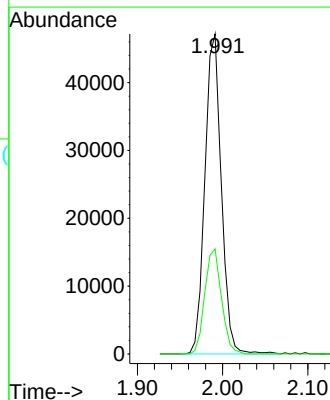
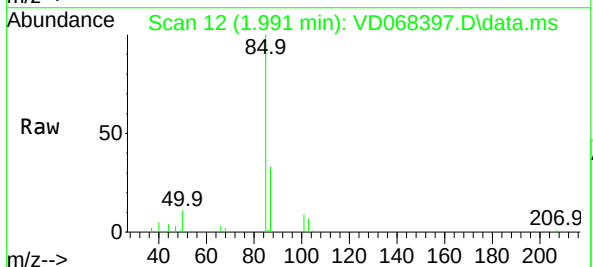
Manual Integrations
APPROVED

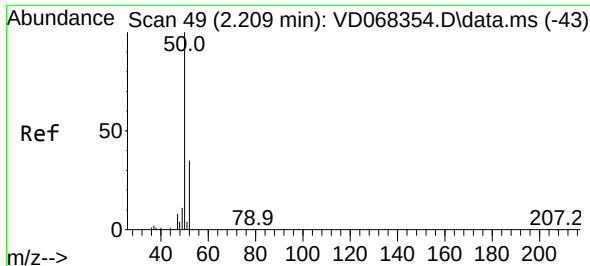
MMDadoda
2/22/2021 4:58:04 PM



#2
Dichlorodifluoromethane
Concen: 20.20 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

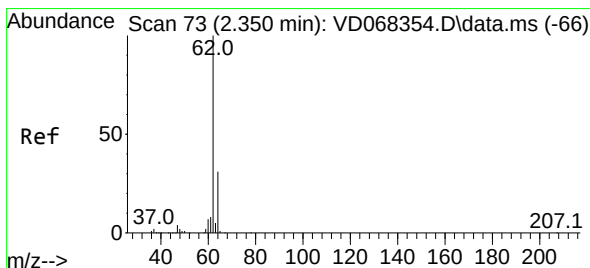
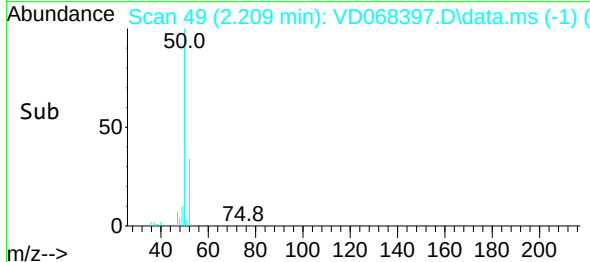
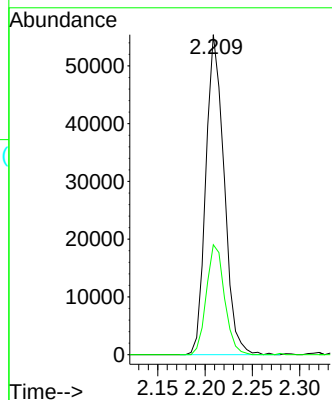
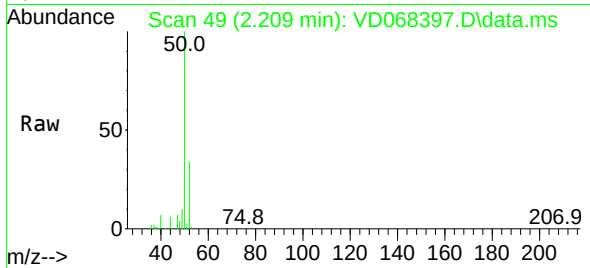
Tgt Ion: 85 Resp: 63103
Ion Ratio Lower Upper
85 100
87 32.9 15.4 46.1





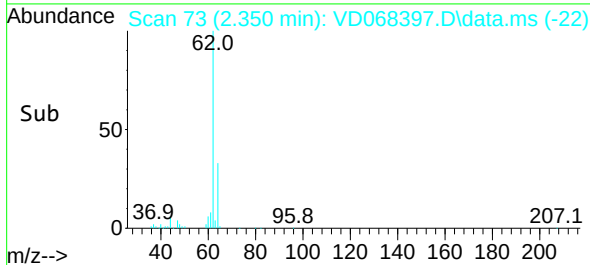
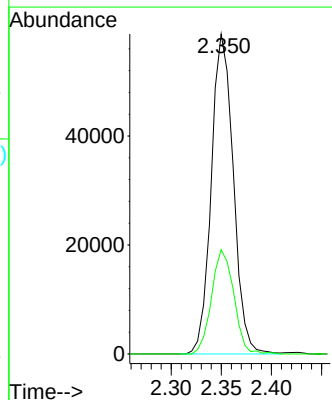
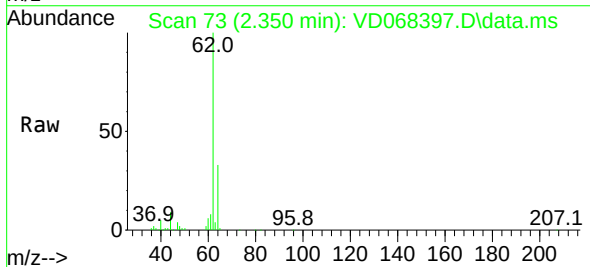
#3
Chloromethane
Concen: 19.97 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 50 Resp: 74279
Ion Ratio Lower Upper
50 100
52 34.4 25.4 38.2



#4
Vinyl Chloride
Concen: 20.16 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

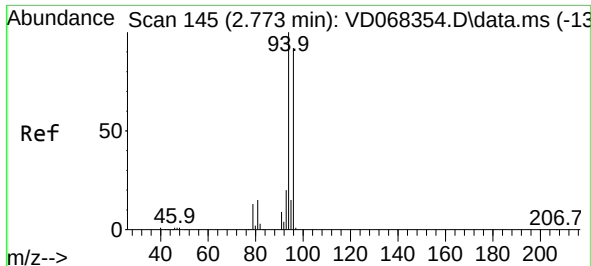
Tgt Ion: 62 Resp: 89770
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.2



Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

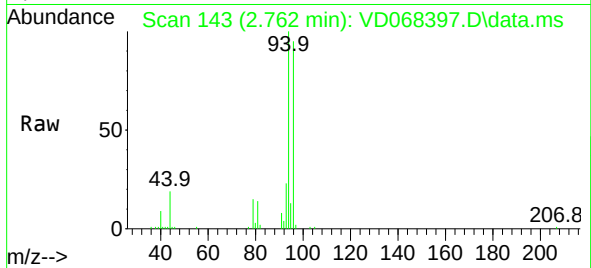
Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:58:04 PM



#5
Bromomethane
Concen: 20.27 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.012 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

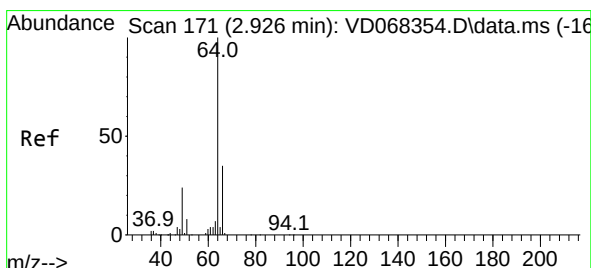
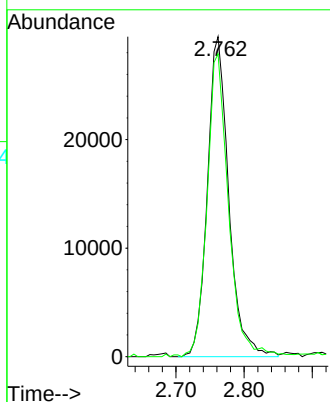
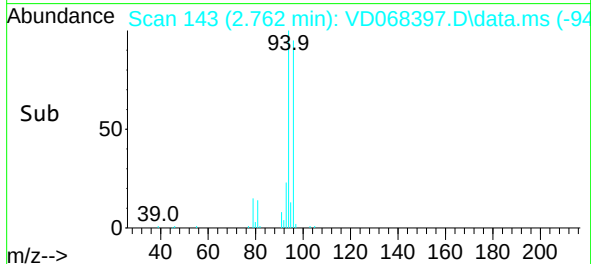
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01



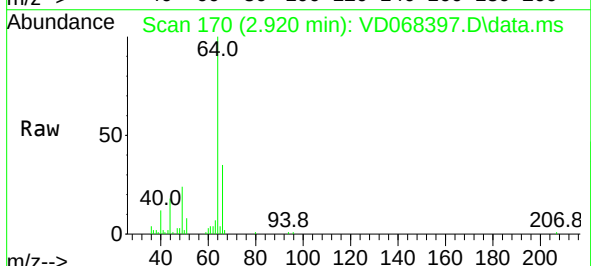
Tgt Ion: 94 Resp: 64492
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.8

Manual Integrations
APPROVED

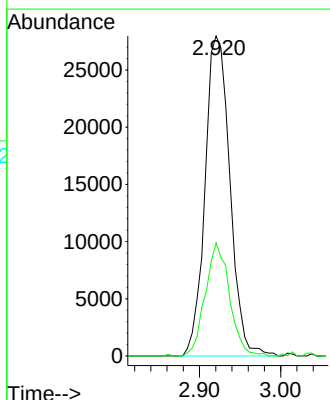
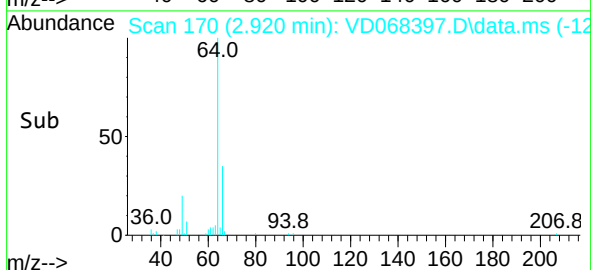
MMDadoda
2/22/2021 4:58:04 PM

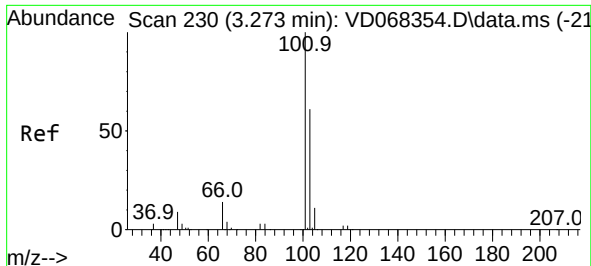


#6
Chloroethane
Concen: 20.49 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

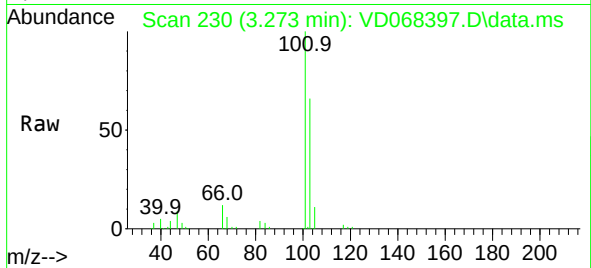


Tgt Ion: 64 Resp: 59573
Ion Ratio Lower Upper
64 100
66 35.3 25.1 37.7

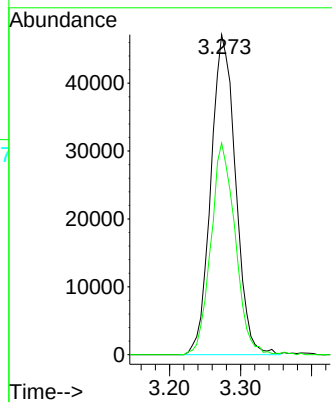
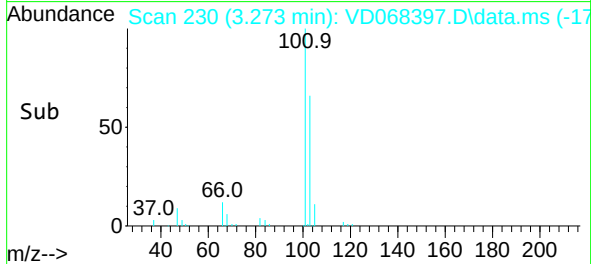




#7
Trichlorofluoromethane
Concen: 20.74 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



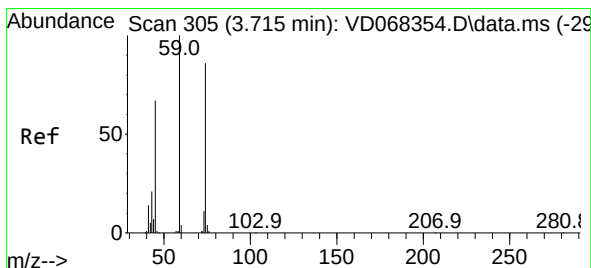
Tgt Ion:101 Resp: 113666
Ion Ratio Lower Upper
101 100
103 66.1 52.0 78.0



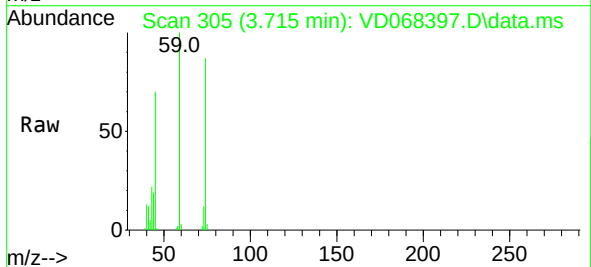
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

Manual Integrations
APPROVED

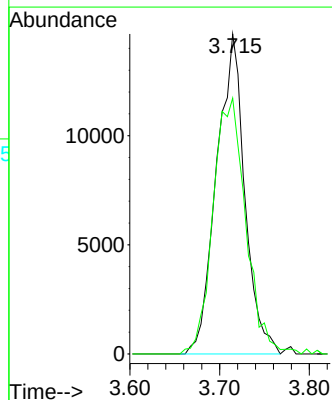
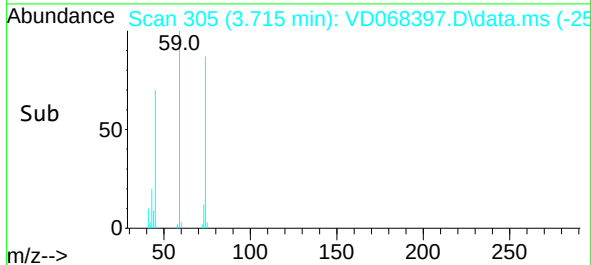
MMDadoda
2/22/2021 4:58:04 PM

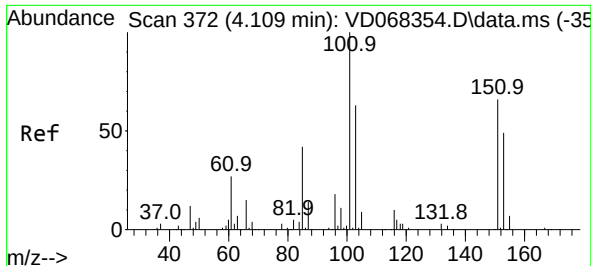


#8
Diethyl Ether
Concen: 19.89 ug/l
RT: 3.715 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



Tgt Ion: 74 Resp: 32006
Ion Ratio Lower Upper
74 100
45 92.6 42.1 126.4





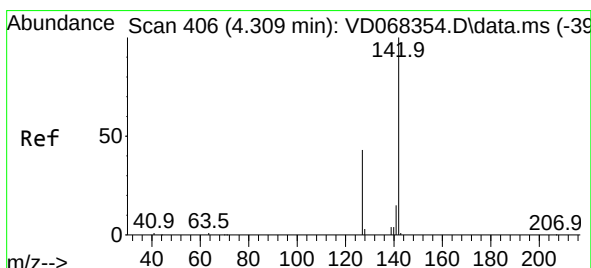
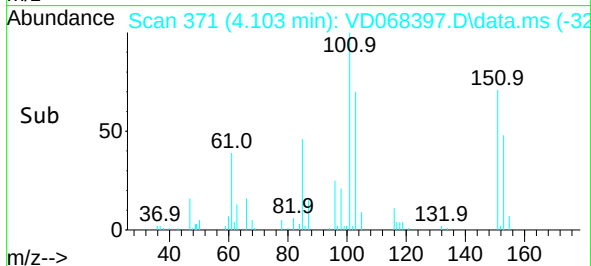
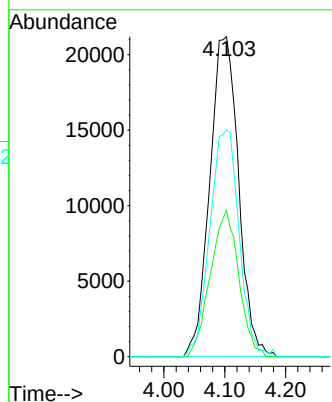
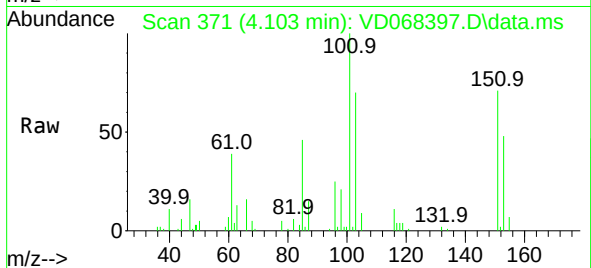
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.90 ug/l
RT: 4.103 min Scan# 371
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion:101 Resp: 69693
Ion Ratio Lower Upper
101 100
85 45.0 34.0 51.0
151 72.1 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

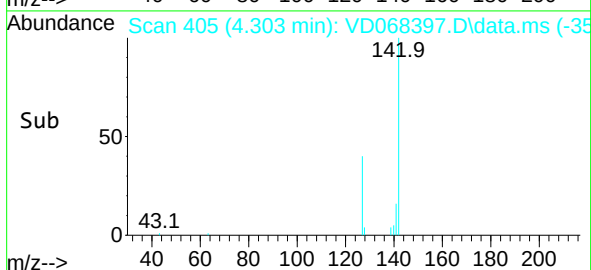
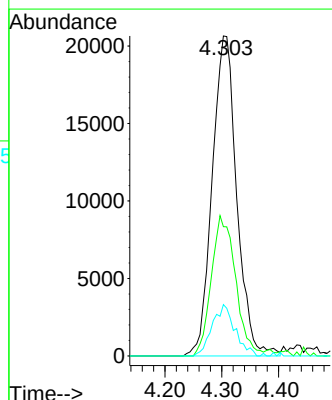
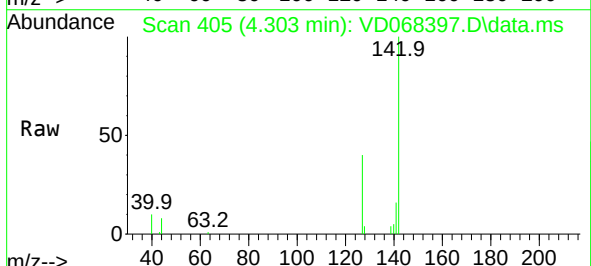
Manual Integrations
APPROVED

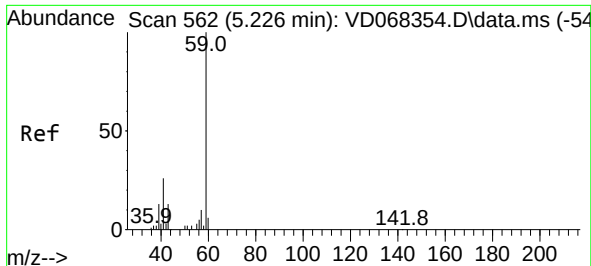
MMDadoda
2/22/2021 4:58:04 PM



#10
Methyl Iodide
Concen: 19.80 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion:142 Resp: 62010
Ion Ratio Lower Upper
142 100
127 43.2 37.9 56.9
141 14.9 11.5 17.3





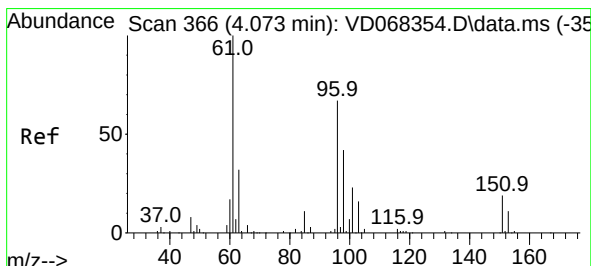
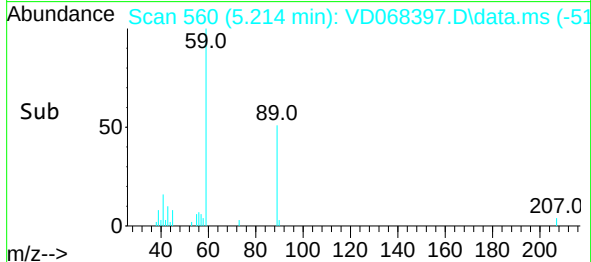
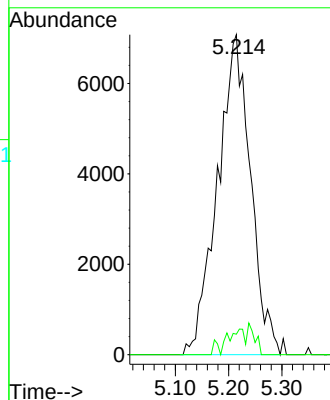
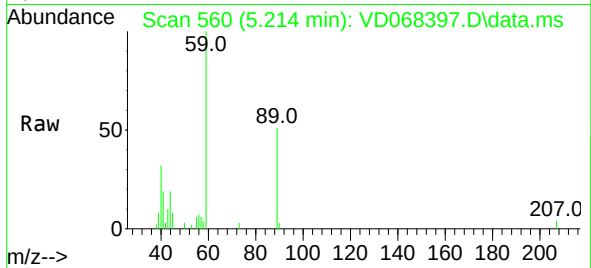
#11
Tert butyl alcohol
Concen: 174.67 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 59 Resp: 30519
Ion Ratio Lower Upper
59 100
57 3.9 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

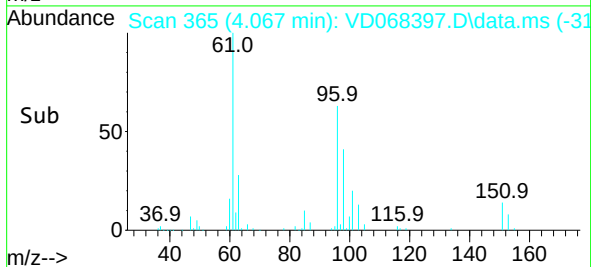
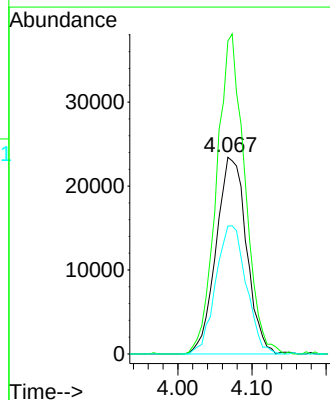
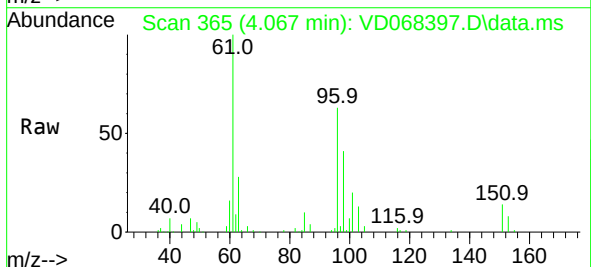
Manual Integrations
APPROVED

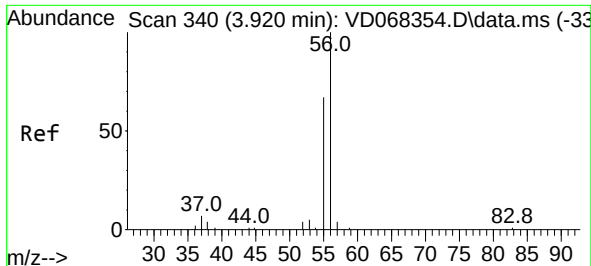
MMDadoda
2/22/2021 4:58:04 PM



#12
1,1-Dichloroethene
Concen: 20.58 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 96 Resp: 66721
Ion Ratio Lower Upper
96 100
61 159.1 116.2 174.4
98 65.0 48.6 73.0





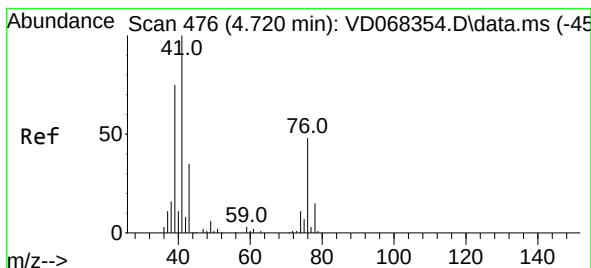
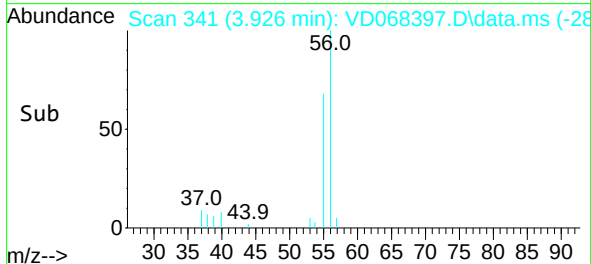
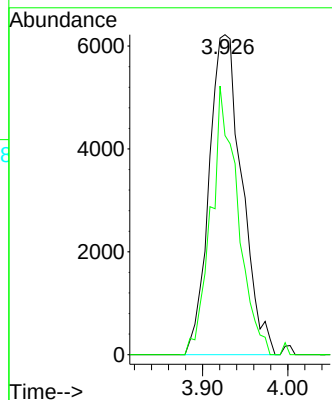
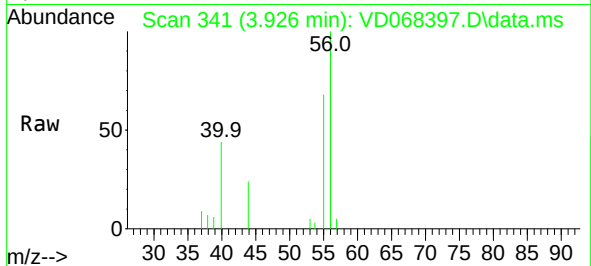
#13
Acrolein
Concen: 83.40 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 56 Resp: 16664
Ion Ratio Lower Upper
56 100
55 68.6 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

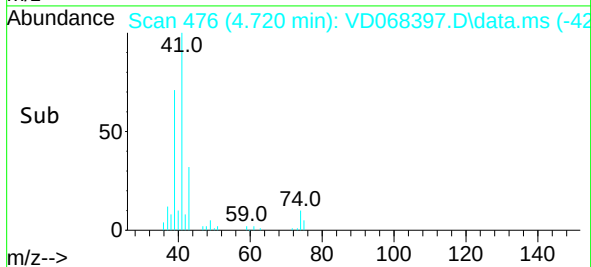
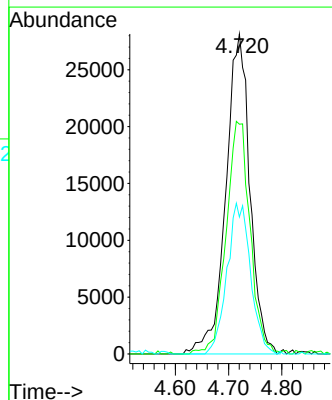
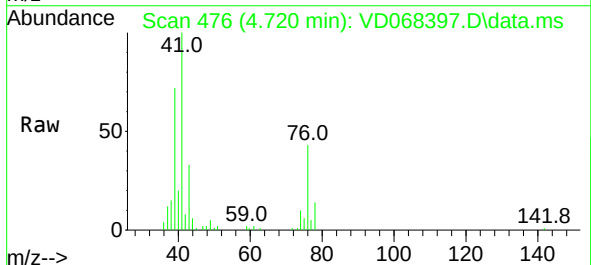
Manual Integrations
APPROVED

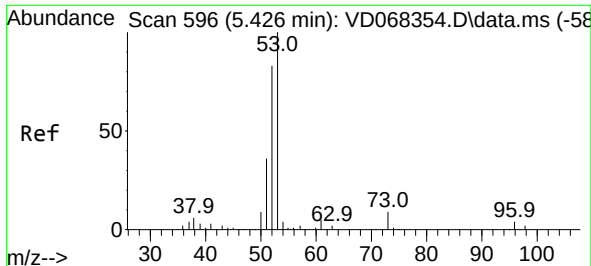
MMDadoda
2/22/2021 4:58:04 PM



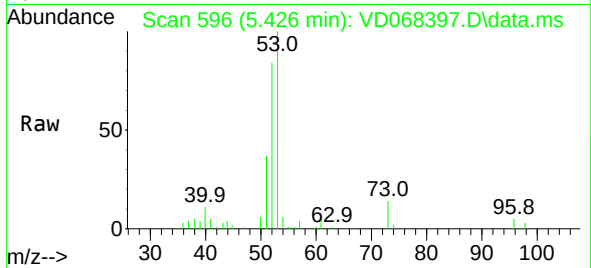
#14
Allyl chloride
Concen: 21.02 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 41 Resp: 88608
Ion Ratio Lower Upper
41 100
39 72.1 56.3 84.5
76 45.9 38.9 58.3

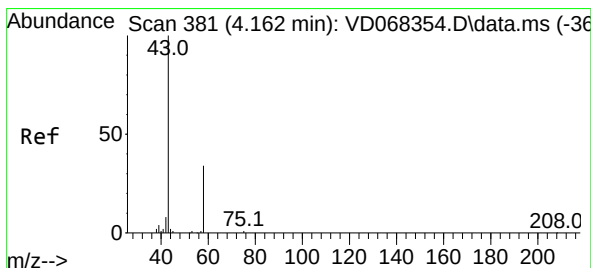
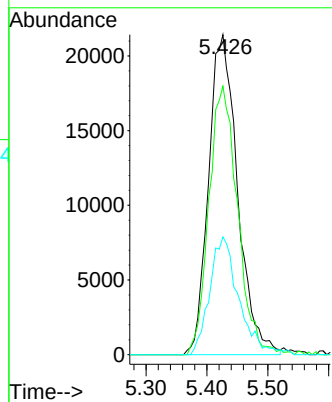
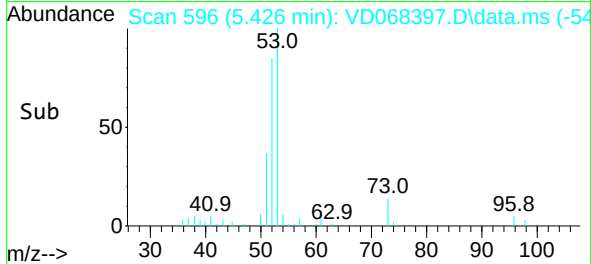




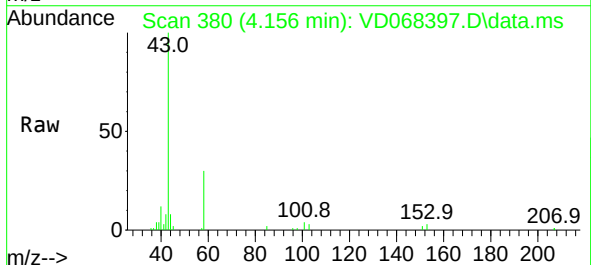
#15
Acrylonitrile
Concen: 102.01 ug/l
RT: 5.426 min Scan# 596
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



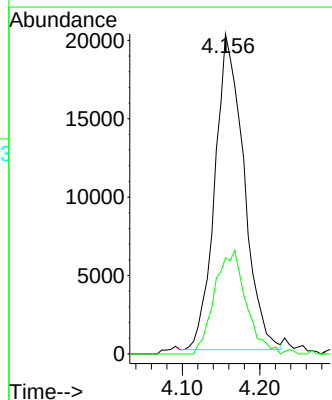
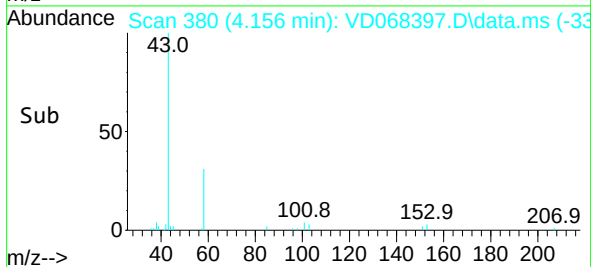
Tgt Ion: 53 Resp: 70860
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 37.1 29.0 43.4



#16
Acetone
Concen: 97.41 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



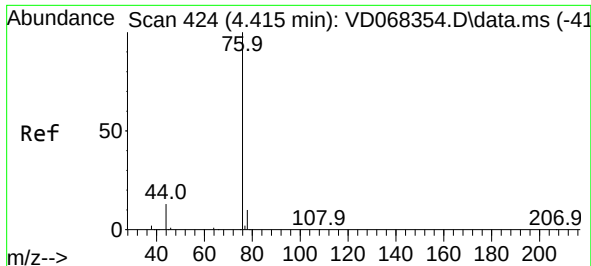
Tgt Ion: 43 Resp: 52375
Ion Ratio Lower Upper
43 100
58 30.5 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

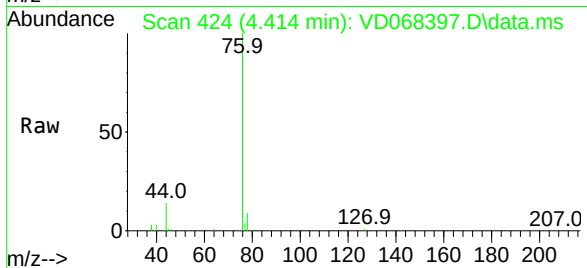
Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:58:04 PM



#17
Carbon Disulfide
Concen: 20.26 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

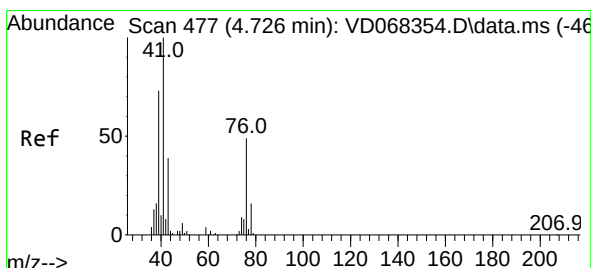
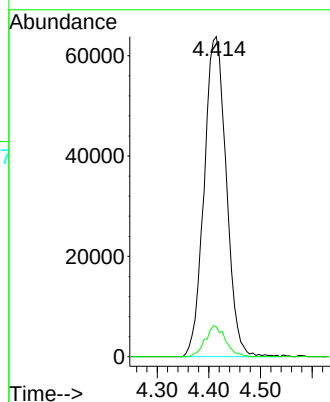
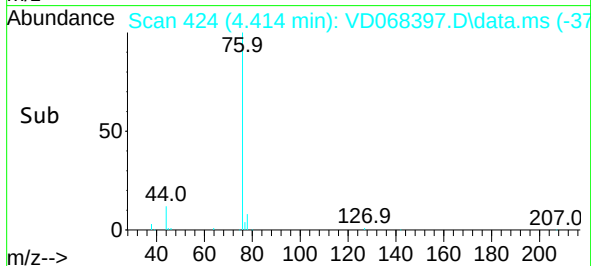
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01



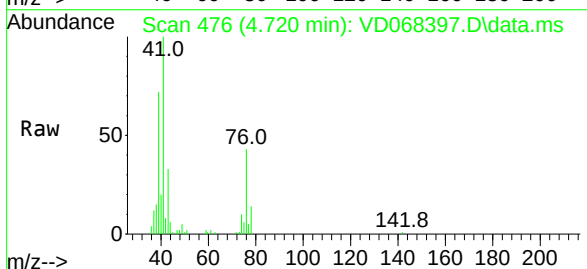
Tgt Ion: 76 Resp: 190266
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

Manual Integrations
APPROVED

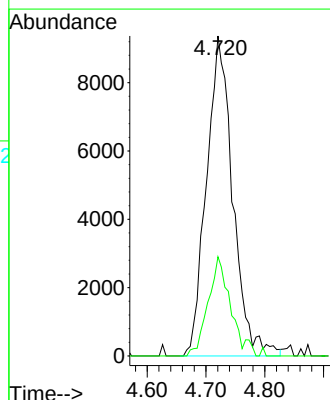
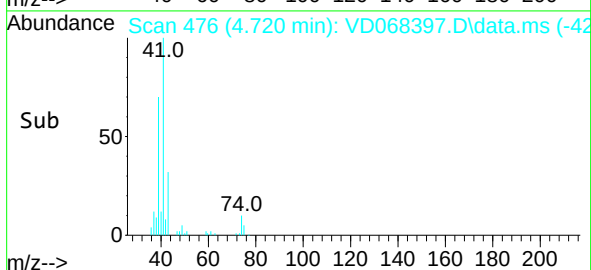
MMDadoda
2/22/2021 4:58:04 PM

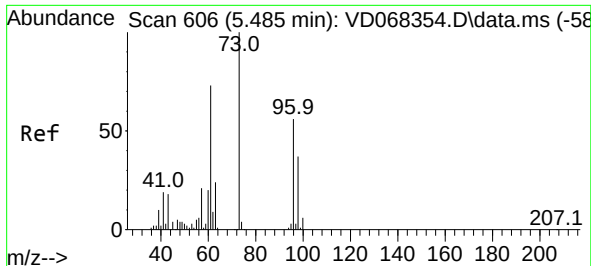


#18
Methyl Acetate
Concen: 19.75 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



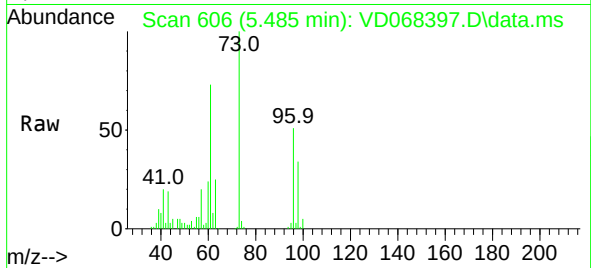
Tgt Ion: 43 Resp: 29140
Ion Ratio Lower Upper
43 100
74 26.6 25.4 38.0



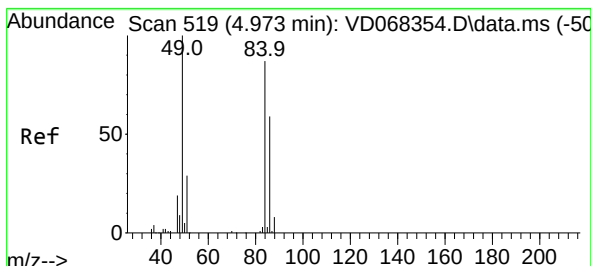
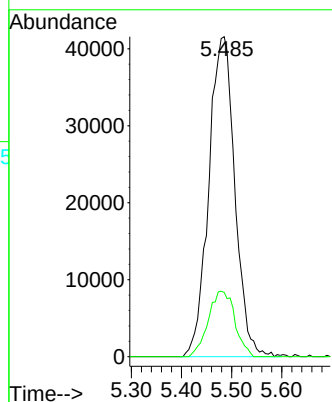
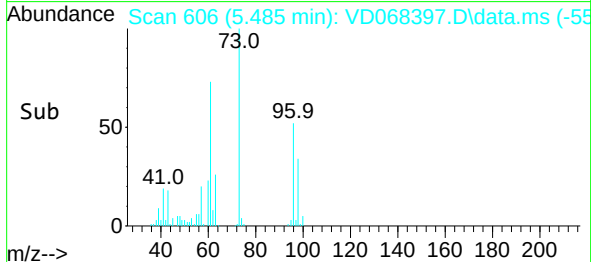


#19
Methyl tert-butyl Ether
Concen: 20.55 ug/l
RT: 5.485 min Scan# 606
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

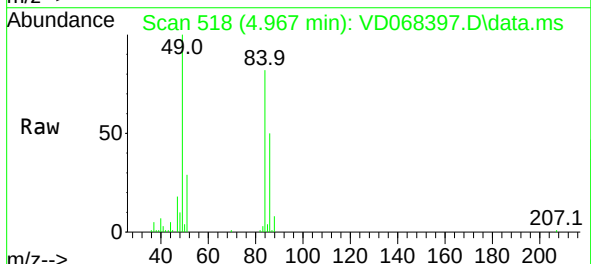
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01



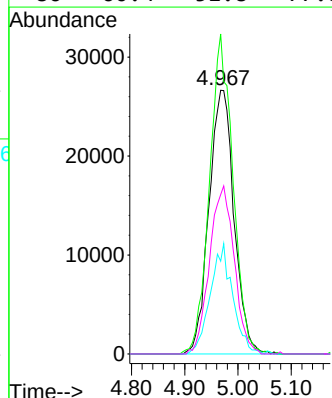
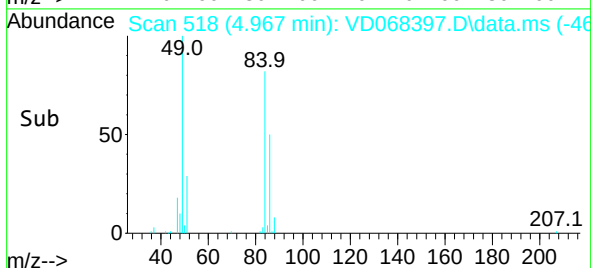
Tgt Ion: 73 Resp: 150322
Ion Ratio Lower Upper
73 100
57 20.1 14.4 21.6

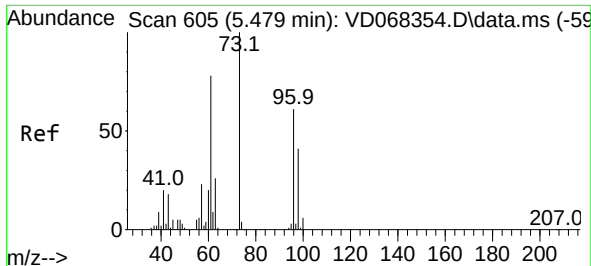


#20
Methylene Chloride
Concen: 21.62 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



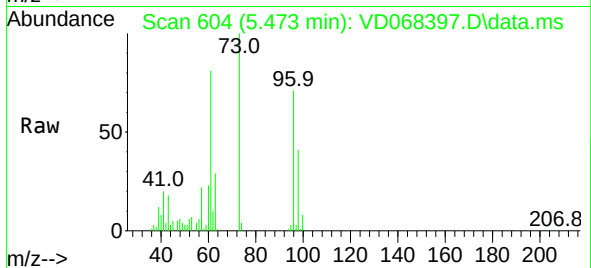
Tgt Ion: 84 Resp: 87207
Ion Ratio Lower Upper
84 100
49 121.4 77.4 116.2#
51 35.2 26.1 39.1
86 60.4 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 20.98 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

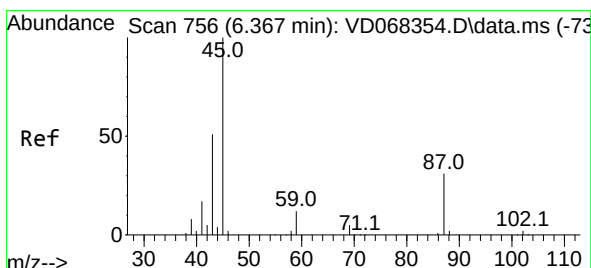
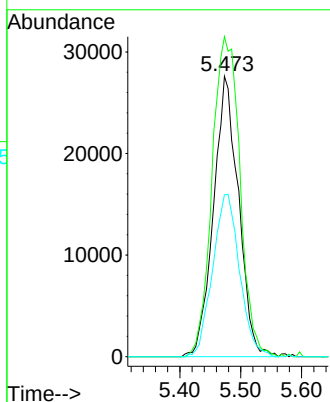
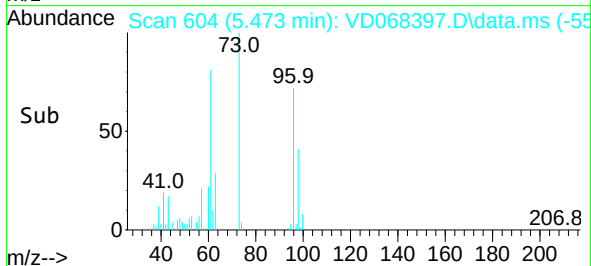
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01



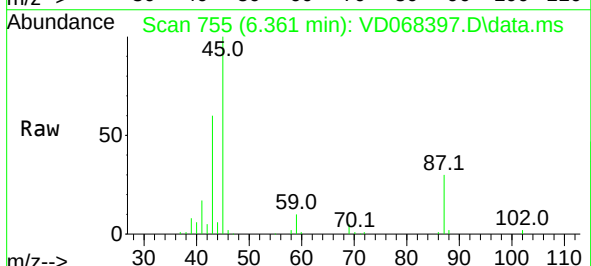
Tgt Ion: 96 Resp: 78732
Ion Ratio Lower Upper
96 100
61 114.1 96.7 145.1
98 57.7 47.6 71.4

Manual Integrations
APPROVED

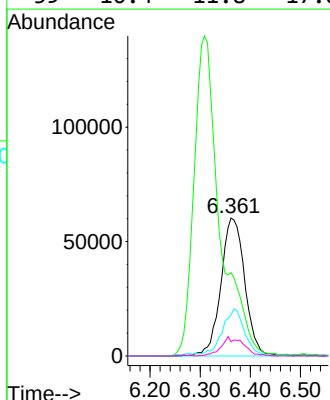
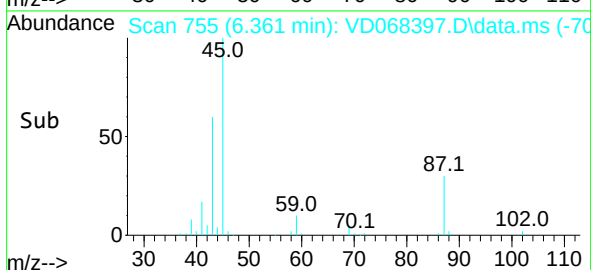
MMDadoda
2/22/2021 4:58:04 PM

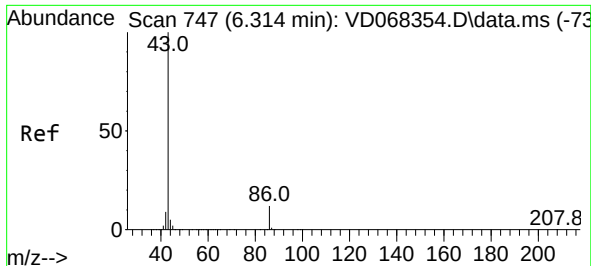


#22
Diisopropyl ether
Concen: 21.38 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



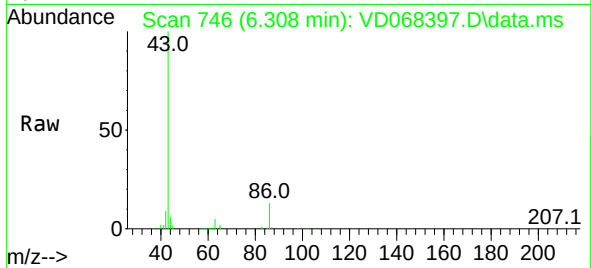
Tgt Ion: 45 Resp: 199433
Ion Ratio Lower Upper
45 100
43 59.6 43.9 65.9
87 29.5 29.9 44.9#
59 10.4 11.8 17.8#





#23
 Vinyl Acetate
 Concen: 104.50 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD068397.D
 Acq: 19 Feb 2021 13:49

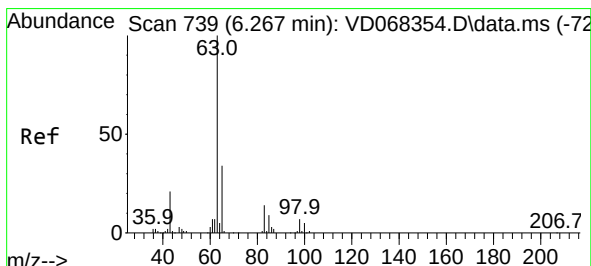
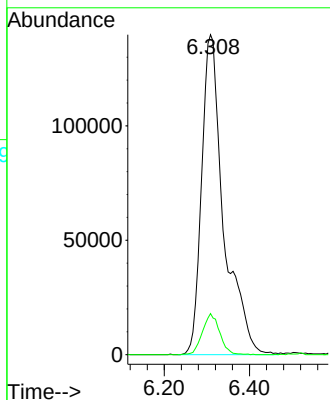
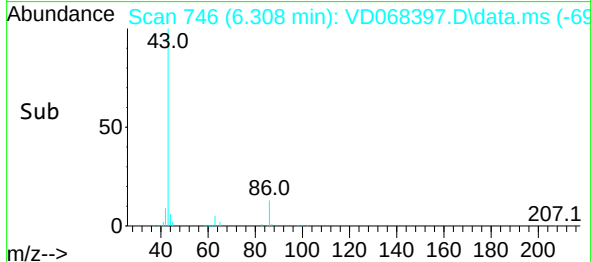
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01



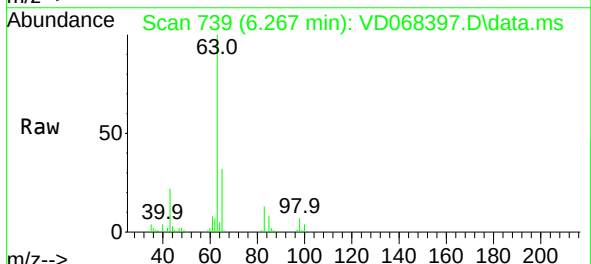
Tgt Ion: 43 Resp: 503329
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.8 16.2

Manual Integrations
 APPROVED

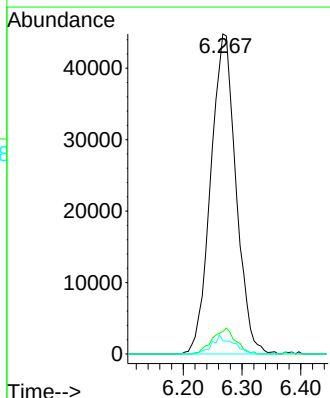
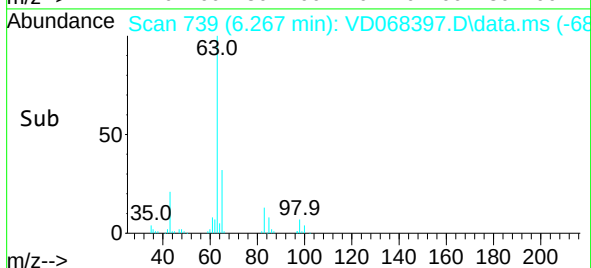
MMDadoda
 2/22/2021 4:58:04 PM

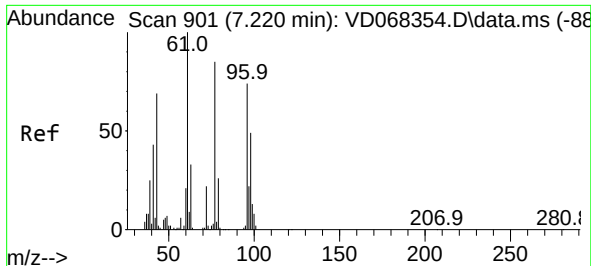


#24
 1,1-Dichloroethane
 Concen: 20.97 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD068397.D
 Acq: 19 Feb 2021 13:49



Tgt Ion: 63 Resp: 133873
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.1 2.6 8.0





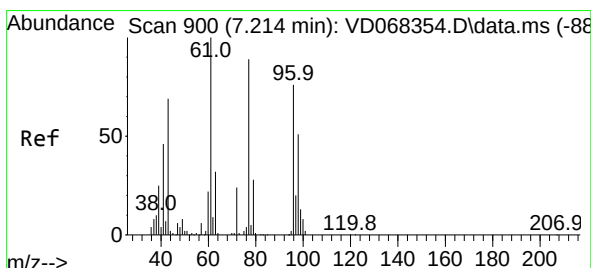
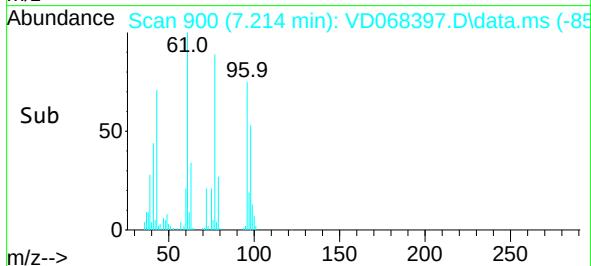
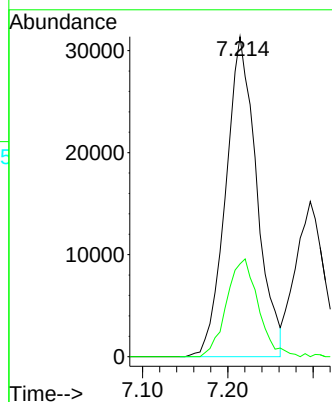
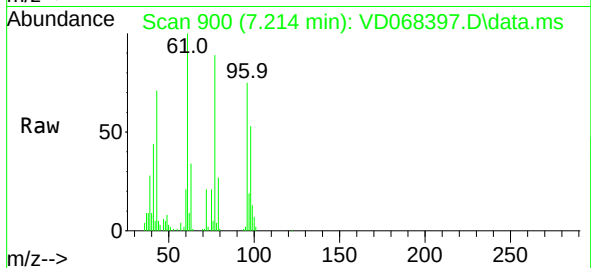
#25
2-Butanone
Concen: 105.15 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 43 Resp: 79055
Ion Ratio Lower Upper
43 100
72 29.0 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

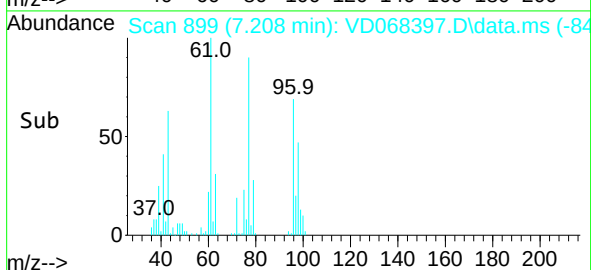
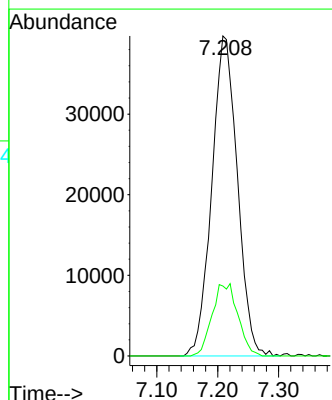
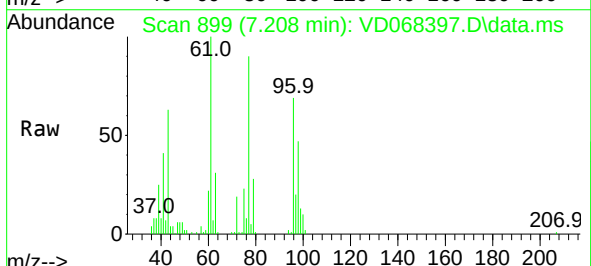
Manual Integrations
APPROVED

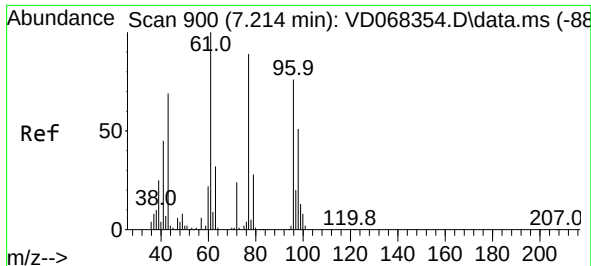
MMDadoda
2/22/2021 4:58:04 PM



#26
2,2-Dichloropropane
Concen: 21.23 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 77 Resp: 115896
Ion Ratio Lower Upper
77 100
97 22.7 11.7 35.1





#27

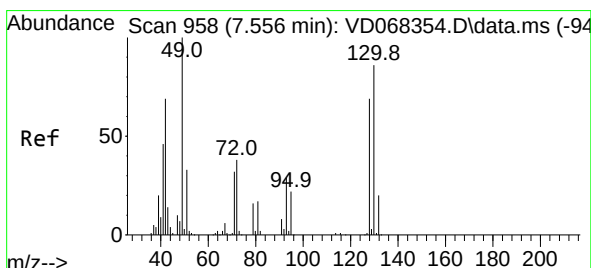
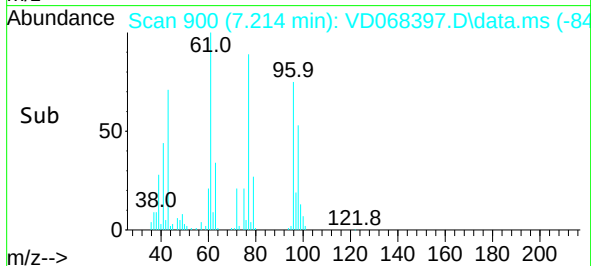
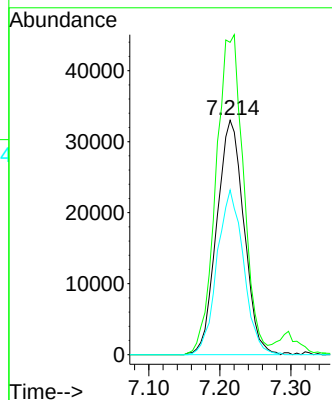
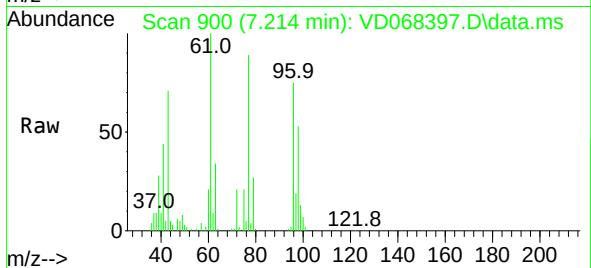
cis-1,2-Dichloroethene
Concen: 20.53 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion:	96	Resp:	87580
Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	257.4
98	68.6	0.0	126.6

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

Manual Integrations
APPROVED

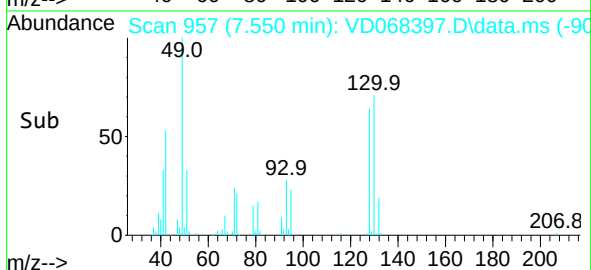
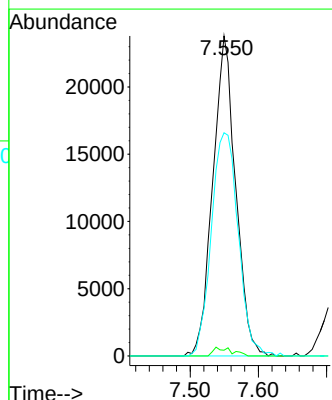
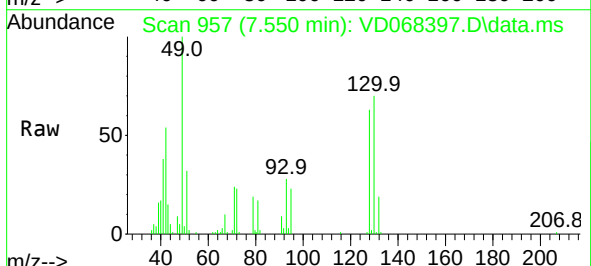
MMDadoda
2/22/2021 4:58:04 PM

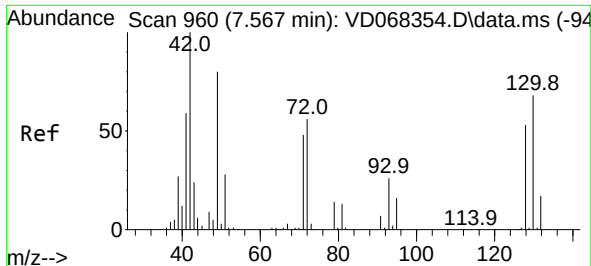


#28

Bromochloromethane
Concen: 20.99 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion:	49	Resp:	55563
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	82.0	85.5	128.3#





#29

Tetrahydrofuran

Concen: 98.29 ug/l

RT: 7.567 min Scan# 960

Delta R.T. -0.000 min

Lab File: VD068397.D

Acq: 19 Feb 2021 13:49

Tgt Ion:	42	Resp:	47800
Ion	Ratio	Lower	Upper
42	100		
72	53.0	43.4	65.0
71	48.5	40.8	61.2

Instrument :

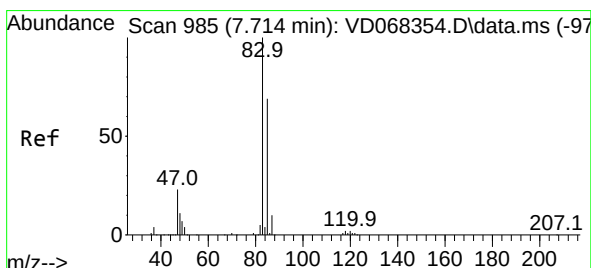
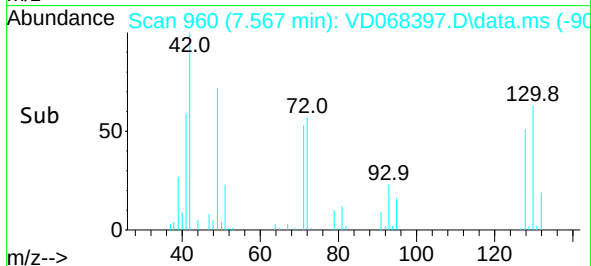
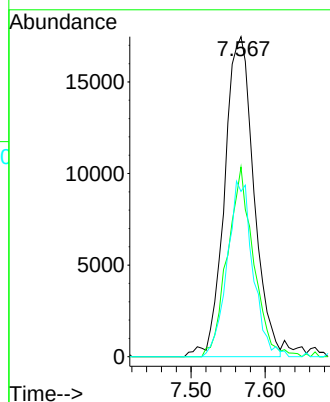
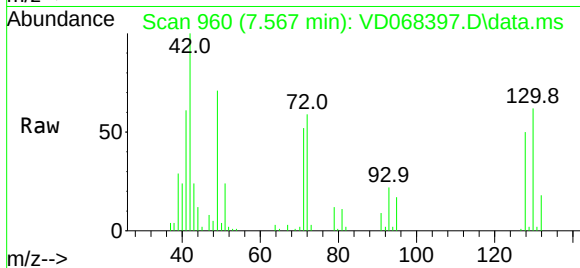
MSVOA_D

ClientSampleId :

VD0219SBS01

Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:58:04 PM



#30

Chloroform

Concen: 21.09 ug/l

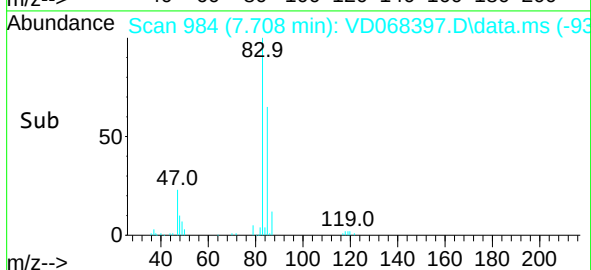
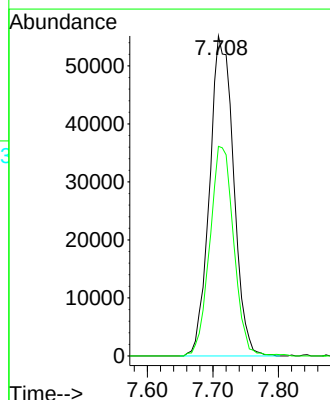
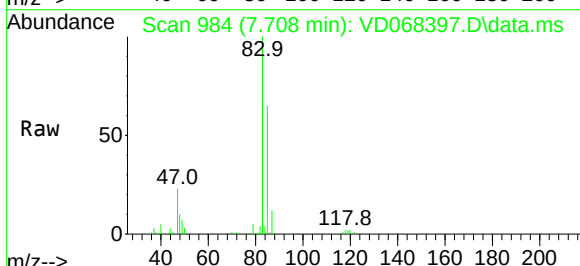
RT: 7.708 min Scan# 984

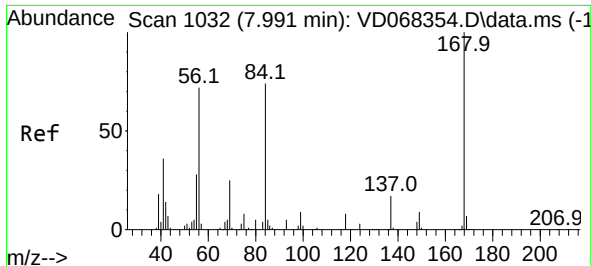
Delta R.T. -0.006 min

Lab File: VD068397.D

Acq: 19 Feb 2021 13:49

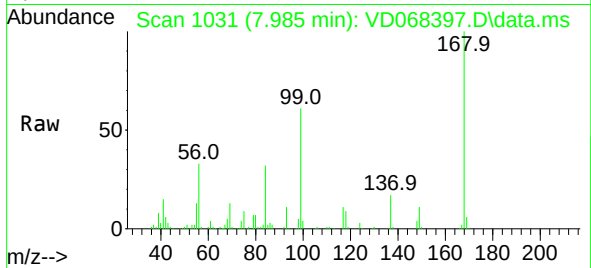
Tgt Ion:	83	Resp:	139988
Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.4	80.0





#31
Cyclohexane
Concen: 22.15 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

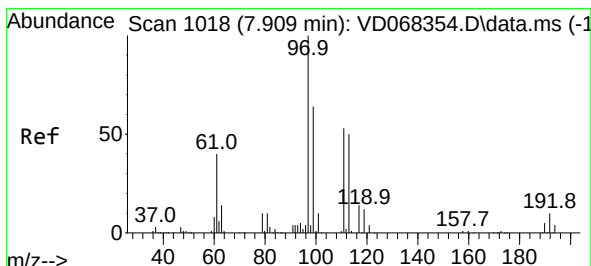
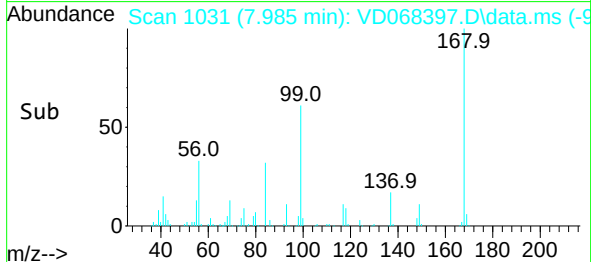
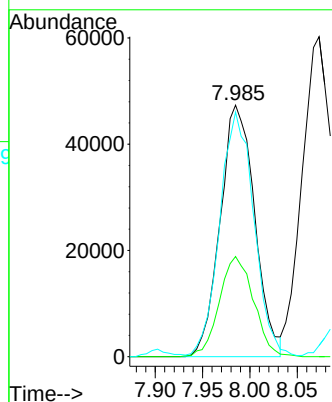
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01



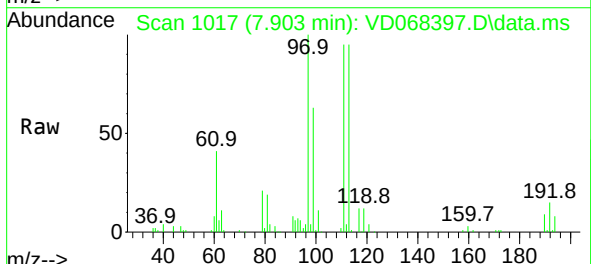
Tgt Ion: 56 Resp: 120271
Ion Ratio Lower Upper
56 100
69 39.4 30.1 45.1
84 96.4 82.1 123.1

Manual Integrations
APPROVED

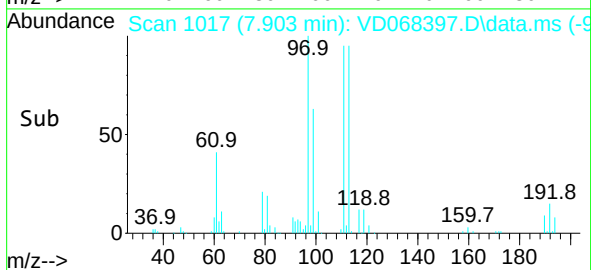
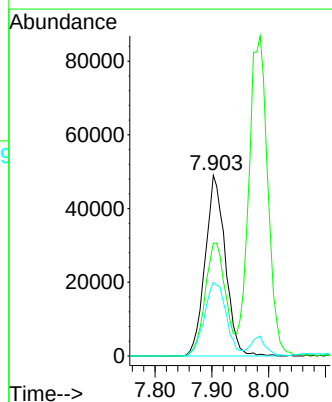
MMDadoda
2/22/2021 4:58:04 PM

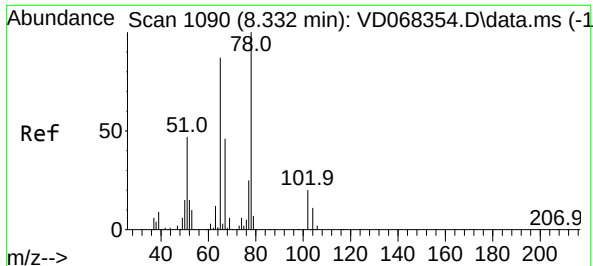


#32
1,1,1-Trichloroethane
Concen: 21.01 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



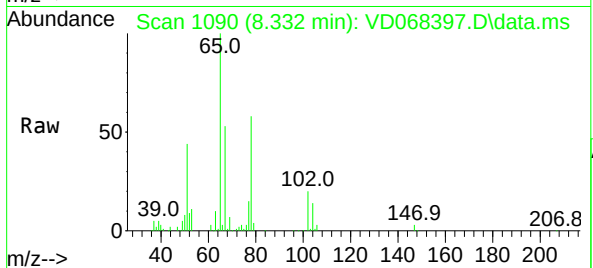
Tgt Ion: 97 Resp: 120528
Ion Ratio Lower Upper
97 100
99 62.4 52.1 78.1
61 44.3 30.1 45.1





#33
1,2-Dichloroethane-d4
Concen: 54.58 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

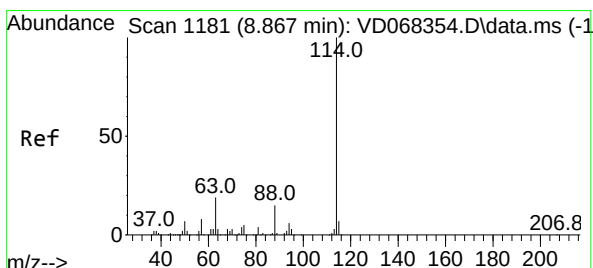
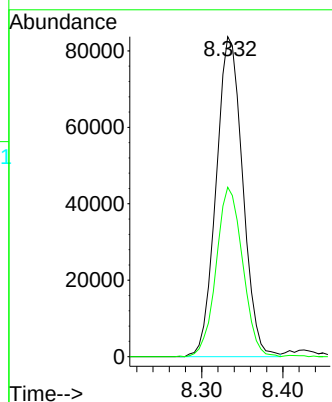
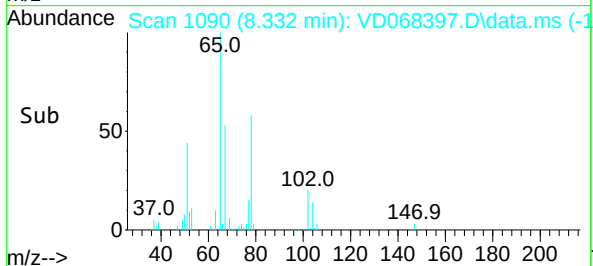
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01



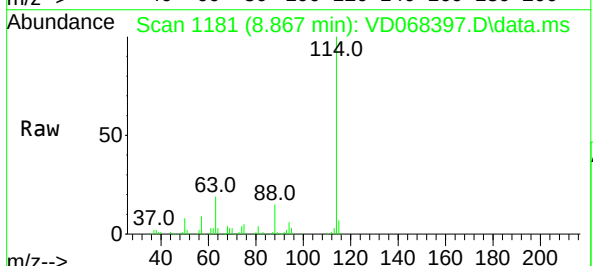
Tgt Ion: 65 Resp: 190233
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

Manual Integrations
APPROVED

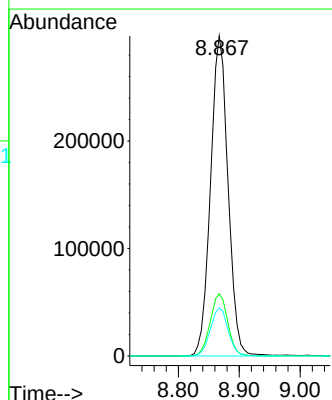
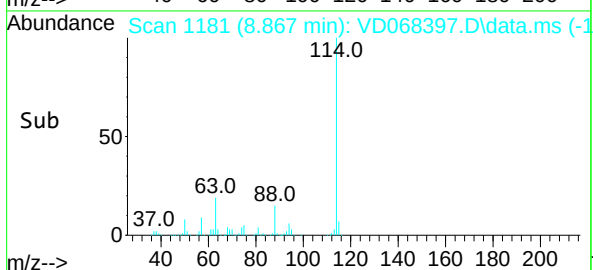
MMDadoda
2/22/2021 4:58:04 PM

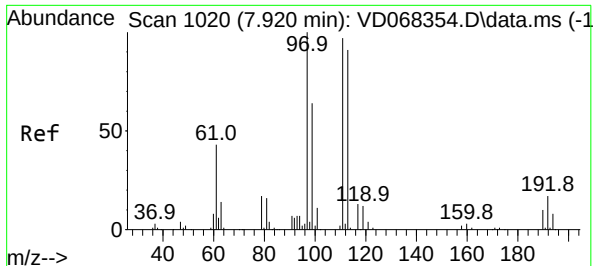


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

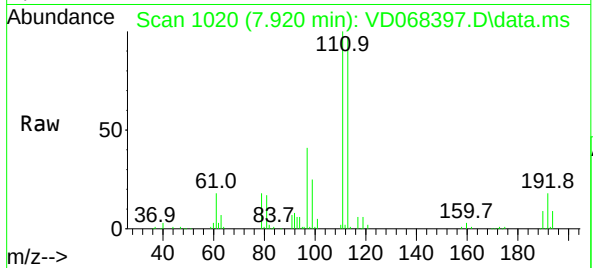


Tgt Ion: 114 Resp: 593447
Ion Ratio Lower Upper
114 100
63 19.4 0.0 34.8
88 15.0 0.0 31.6

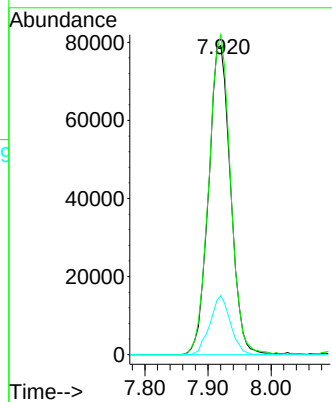
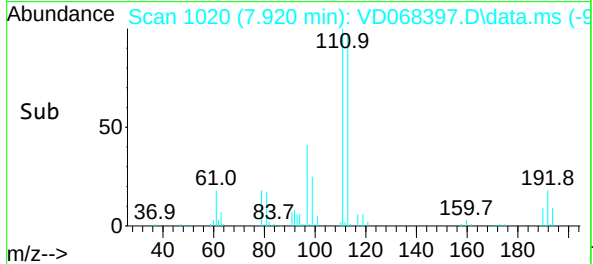




#35
Dibromofluoromethane
Concen: 54.43 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



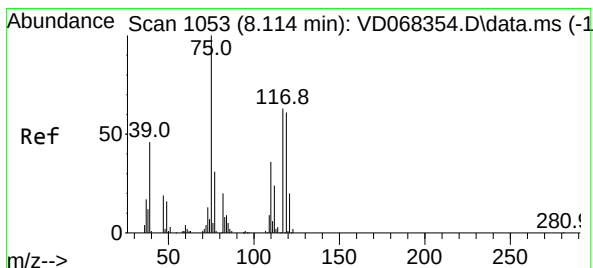
Tgt Ion: 113 Resp: 191735
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 17.8 16.1 24.1



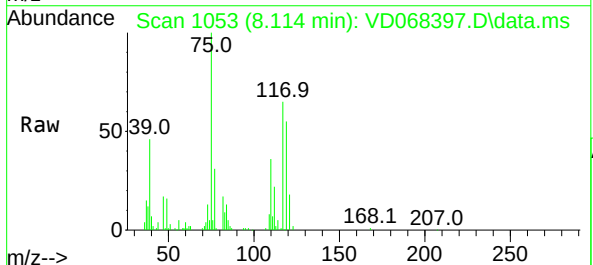
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

Manual Integrations
APPROVED

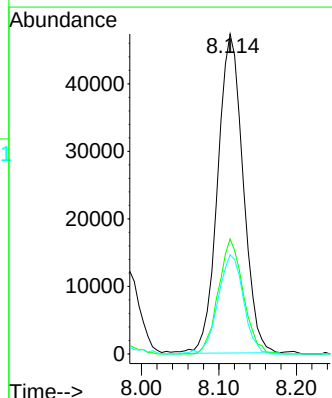
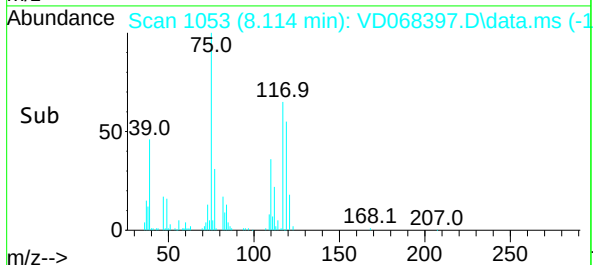
MMDadoda
2/22/2021 4:58:04 PM

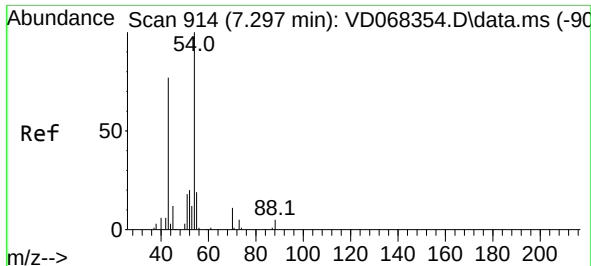


#36
1,1-Dichloropropene
Concen: 20.51 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

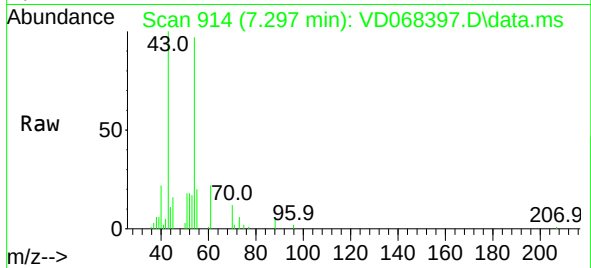


Tgt Ion: 75 Resp: 107671
Ion Ratio Lower Upper
75 100
110 35.2 19.4 58.2
77 31.1 25.3 37.9

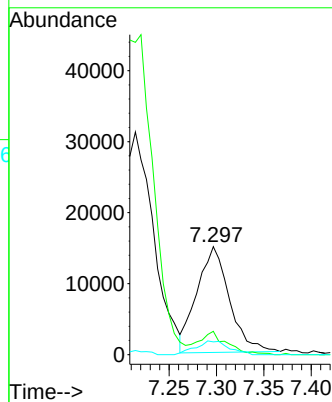
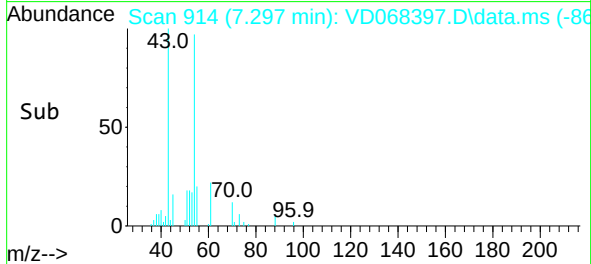




#37
Ethyl Acetate
Concen: 20.10 ug/l
RT: 7.297 min Scan# 914
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



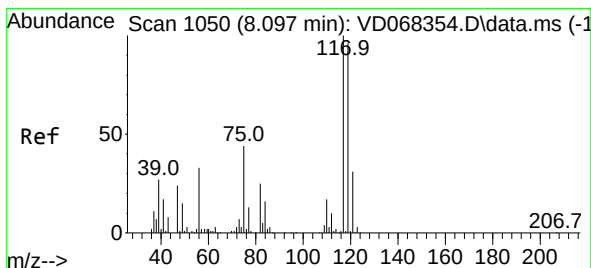
Tgt Ion: 43 Resp: 35655
Ion Ratio Lower Upper
43 100
61 18.0 12.9 19.3
70 13.1 11.0 16.6



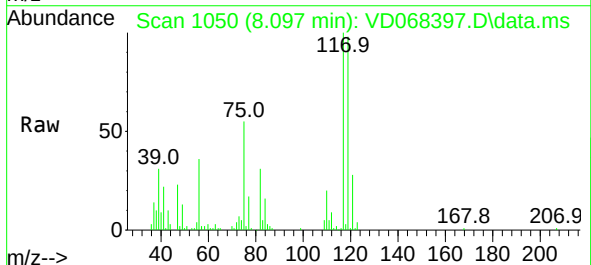
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

Manual Integrations
APPROVED

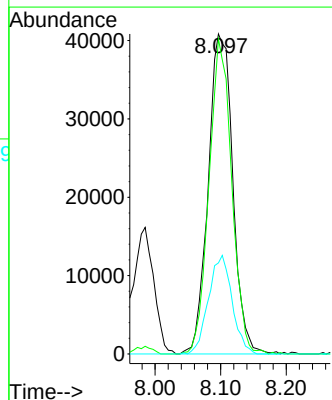
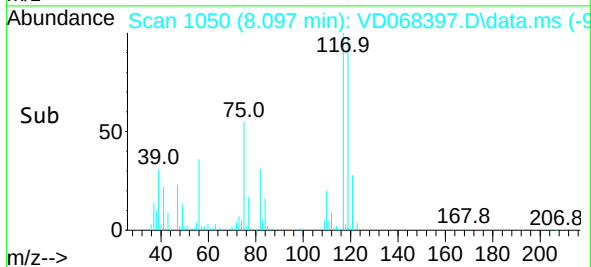
MMDadoda
2/22/2021 4:58:04 PM

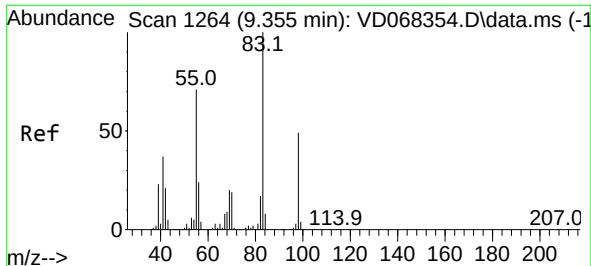


#38
Carbon Tetrachloride
Concen: 21.23 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



Tgt Ion: 117 Resp: 106335
Ion Ratio Lower Upper
117 100
119 98.5 77.3 115.9
121 28.5 24.7 37.1





#39

Methylcyclohexane

Concen: 20.48 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068397.D

Acq: 19 Feb 2021 13:49

Tgt Ion:	83	Resp:	131867
Ion	Ratio	Lower	Upper
83	100		
55	73.8	55.2	82.8
98	50.6	39.1	58.7

Instrument :

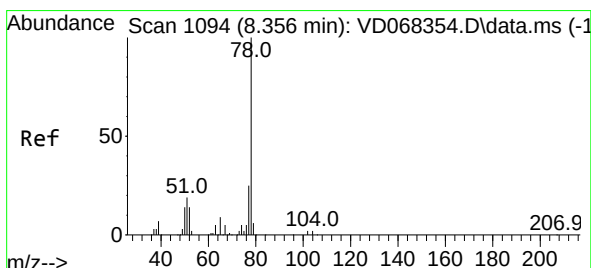
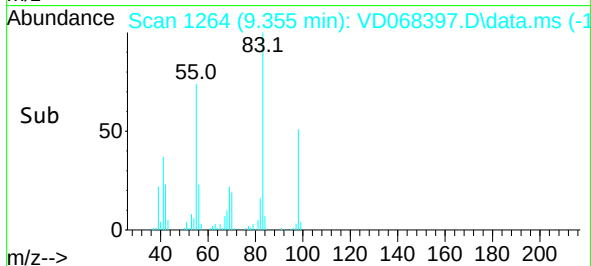
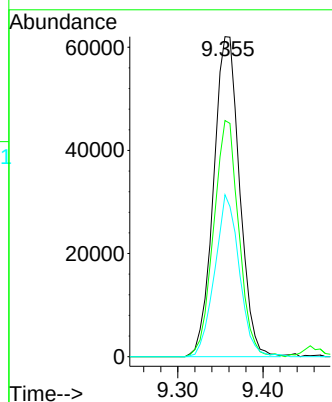
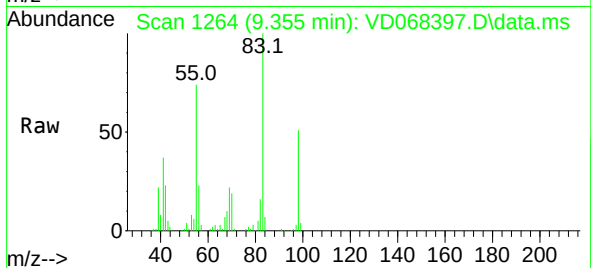
MSVOA_D

ClientSampleId :

VD0219SBS01

Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:58:04 PM



#40

Benzene

Concen: 21.09 ug/l

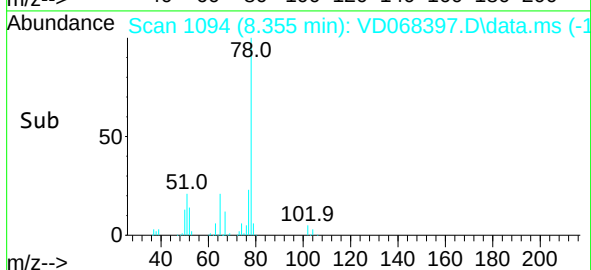
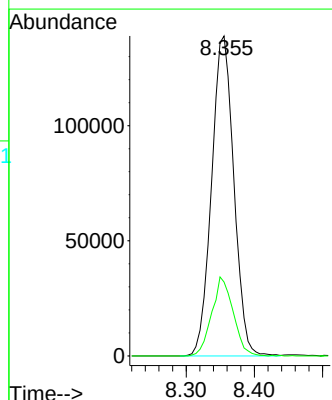
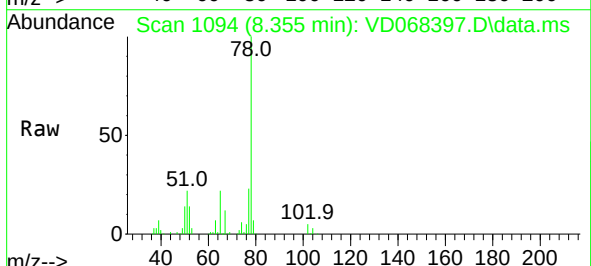
RT: 8.355 min Scan# 1094

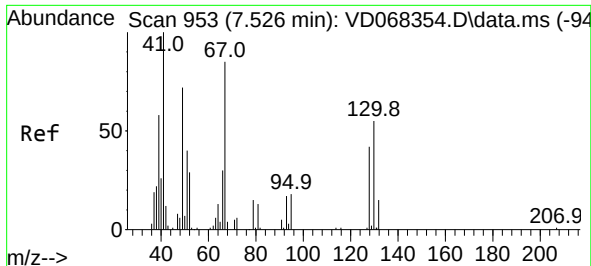
Delta R.T. -0.000 min

Lab File: VD068397.D

Acq: 19 Feb 2021 13:49

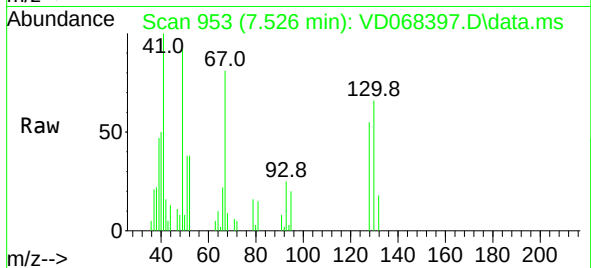
Tgt Ion:	78	Resp:	315820
Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.8	26.6





#41
Methacrylonitrile
Concen: 20.21 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

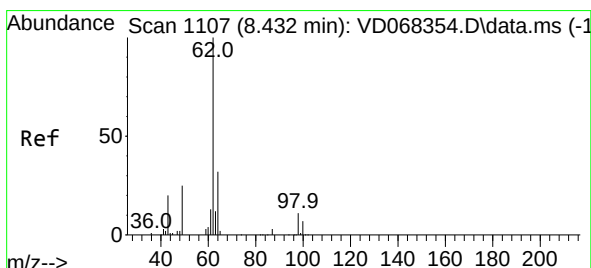
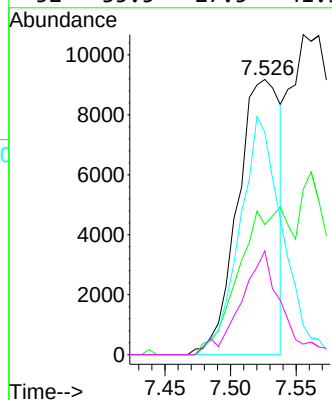
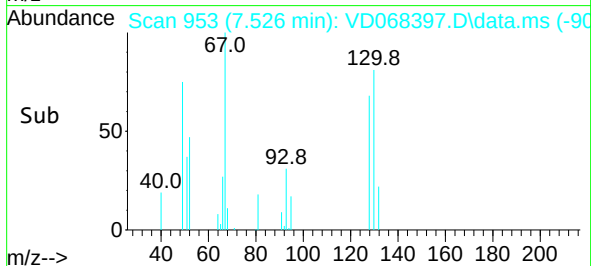
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01



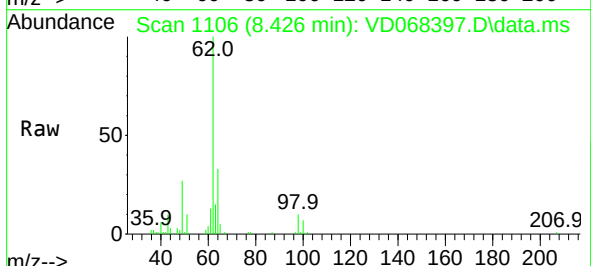
Tgt Ion:	41	Resp:	20636
Ion Ratio	100	Lower	Upper
39	67.2	45.2	67.8
67	87.0	67.4	101.2
52	35.5	27.5	41.3

Manual Integrations
APPROVED

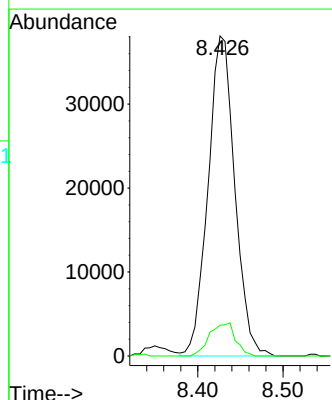
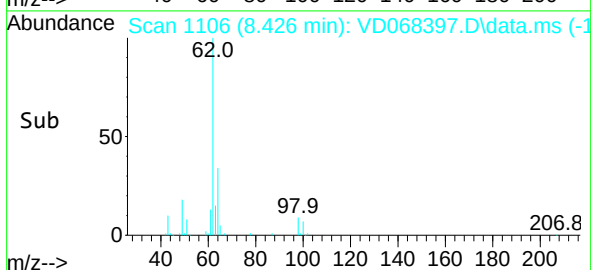
MMDadoda
2/22/2021 4:58:04 PM

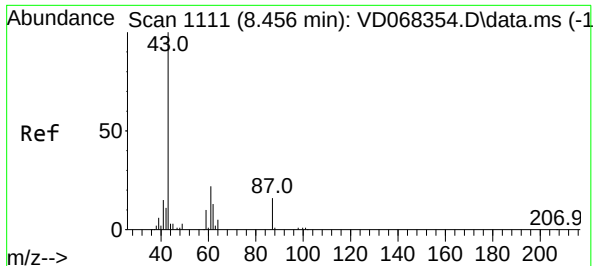


#42
1,2-Dichloroethane
Concen: 20.86 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



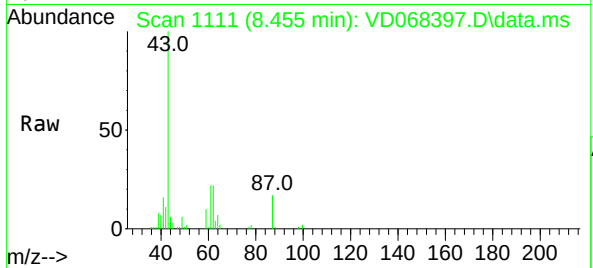
Tgt Ion:	62	Resp:	83324
Ion Ratio	100	Lower	Upper
98	9.9	0.0	21.8





#43
Isopropyl Acetate
Concen: 20.15 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

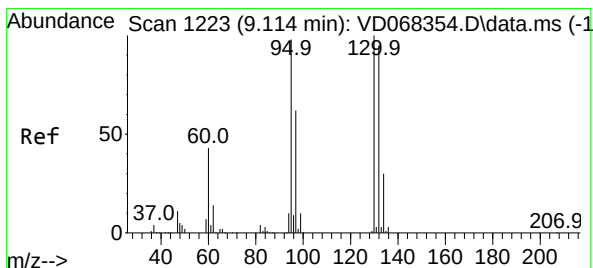
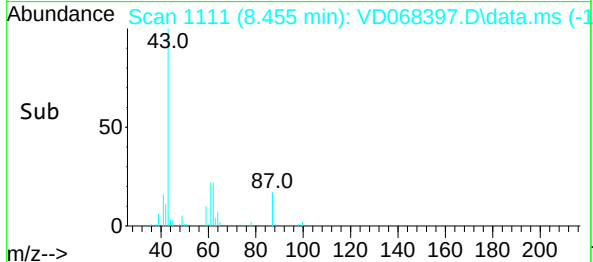
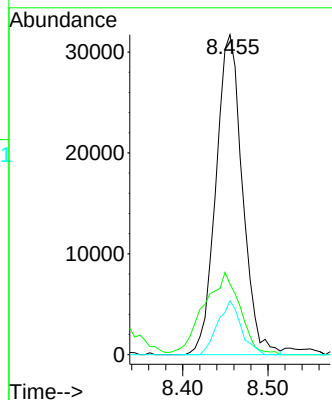
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01



Tgt Ion: 43	Resp: 68469
Ion Ratio	Lower Upper
43 100	
61 35.4	28.7 43.1
87 14.9	13.9 20.9

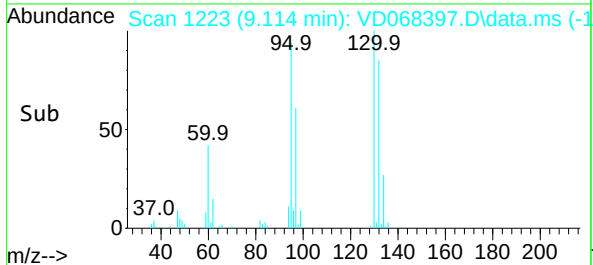
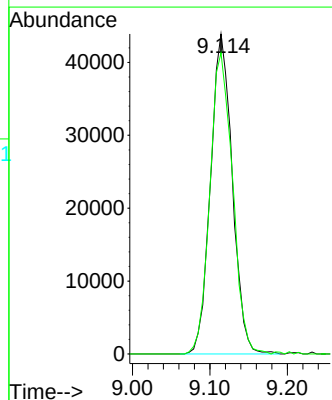
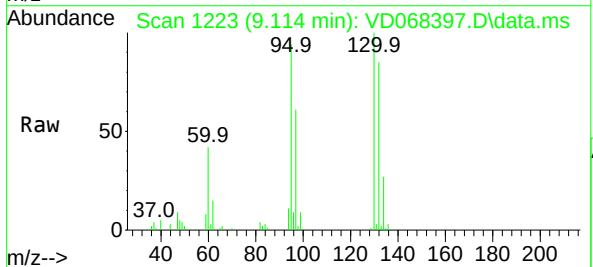
Manual Integrations
APPROVED

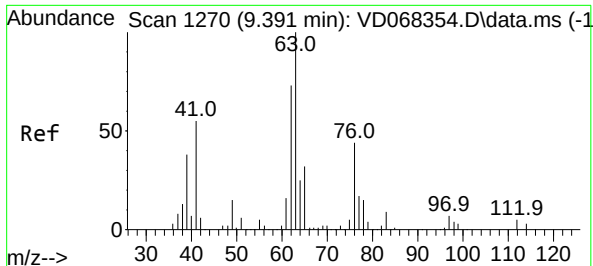
MMDadoda
2/22/2021 4:58:04 PM



#44
Trichloroethene
Concen: 21.02 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion:130	Resp:	85675	
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	191.2





#45

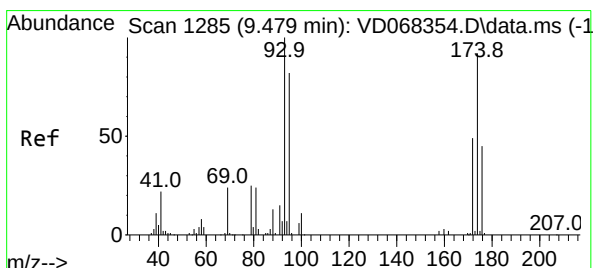
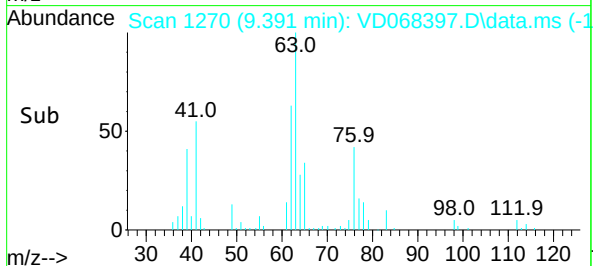
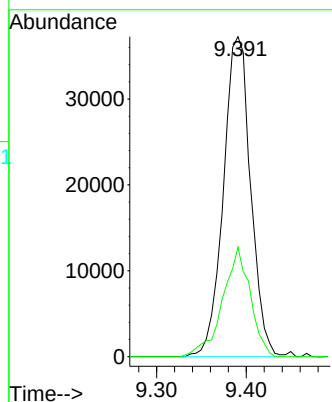
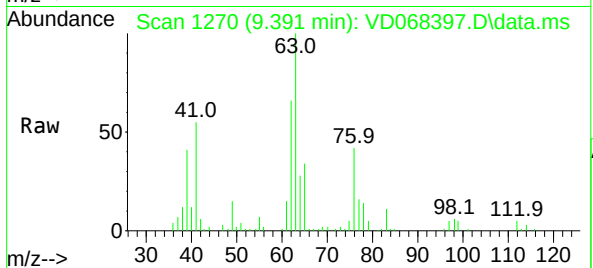
1,2-Dichloropropane
Concen: 21.47 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 63 Resp: 78453
Ion Ratio Lower Upper
63 100
65 34.2 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

Manual Integrations
APPROVED

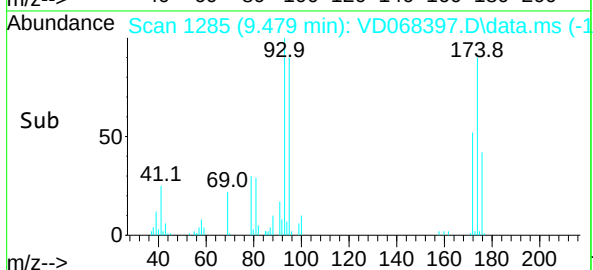
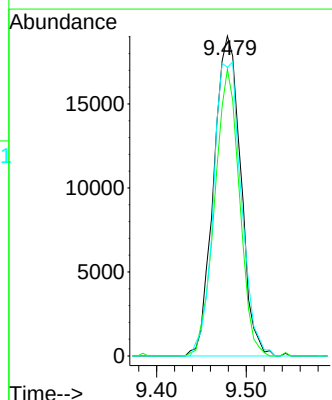
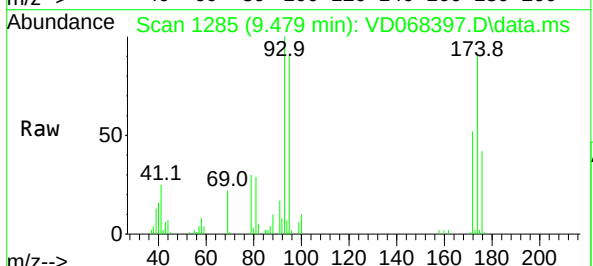
MMDadoda
2/22/2021 4:58:04 PM

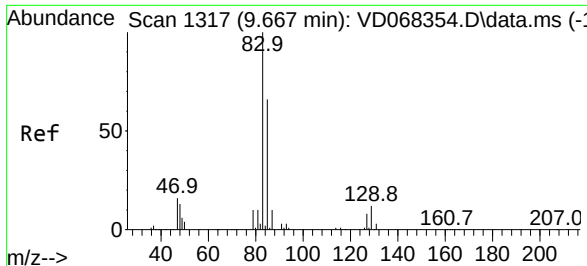


#46

Dibromomethane
Concen: 20.08 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

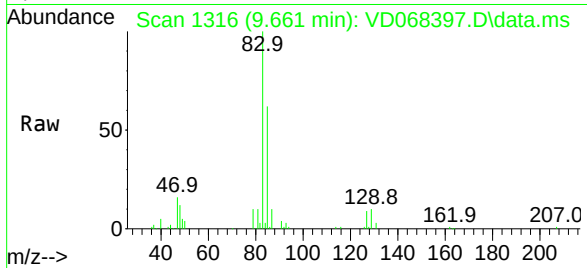
Tgt Ion: 93 Resp: 39806
Ion Ratio Lower Upper
93 100
95 82.2 67.3 100.9
174 94.5 84.6 127.0





#47
Bromodichloromethane
Concen: 21.24 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

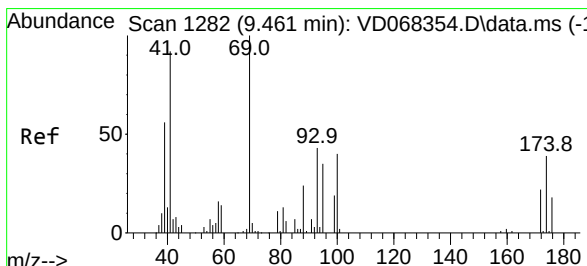
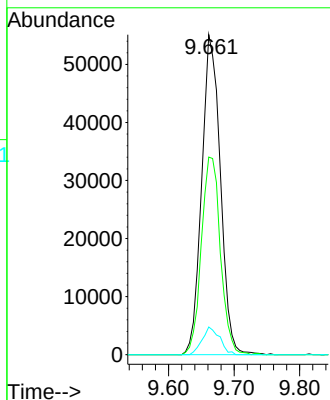
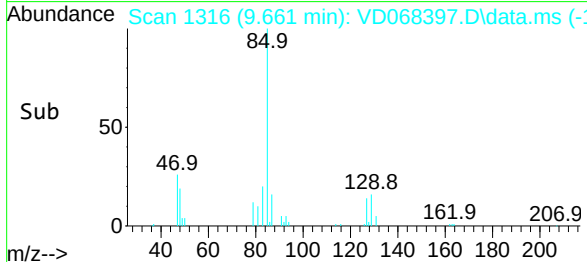
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01



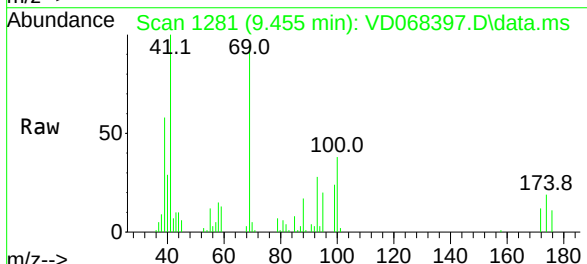
Tgt Ion: 83 Resp: 109146
Ion Ratio Lower Upper
83 100
85 61.7 51.6 77.4
127 8.6 7.4 11.0

Manual Integrations
APPROVED

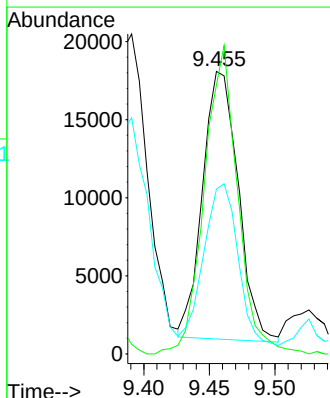
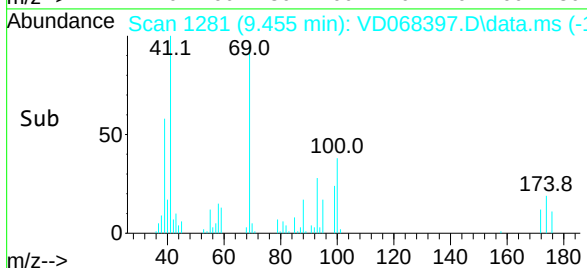
MMDadoda
2/22/2021 4:58:04 PM

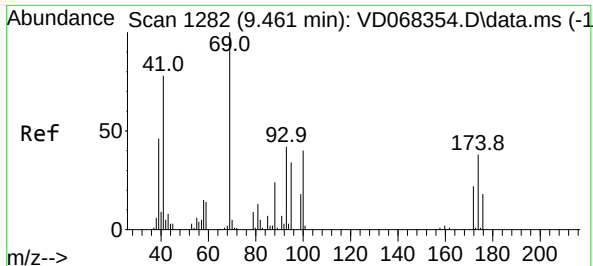


#48
Methyl methacrylate
Concen: 19.13 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

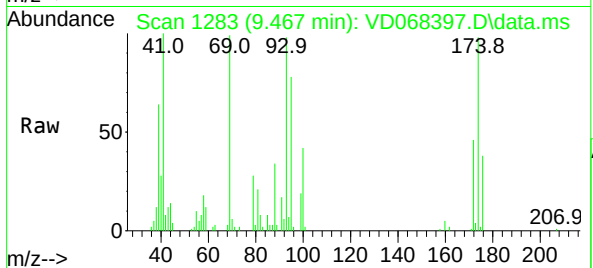


Tgt Ion: 41 Resp: 32428
Ion Ratio Lower Upper
41 100
69 108.1 77.1 115.7
39 58.1 41.5 62.3

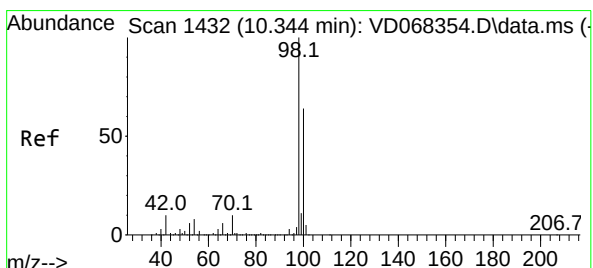
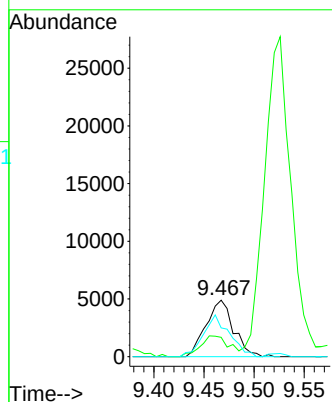
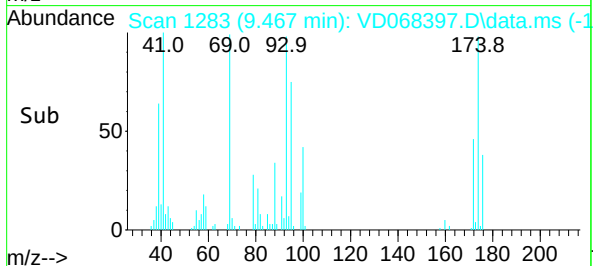




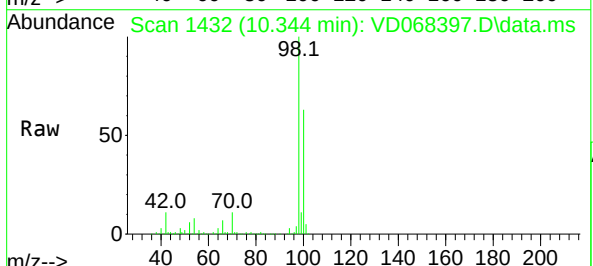
#49
1,4-Dioxane
Concen: 403.34 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



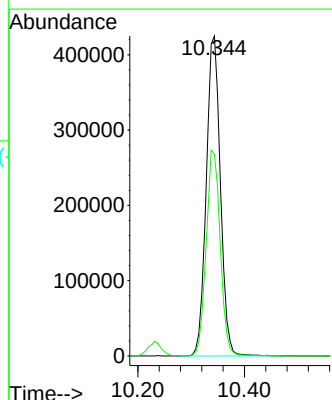
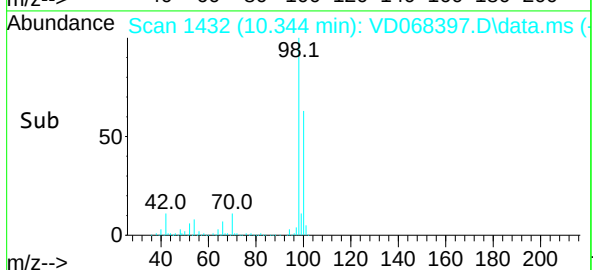
Tgt Ion: 88 Resp: 9341
Ion Ratio Lower Upper
88 100
43 38.3 22.1 33.1#
58 70.3 46.7 70.1#



#50
Toluene-d8
Concen: 53.67 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



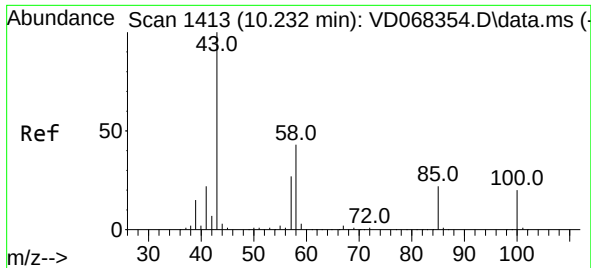
Tgt Ion: 98 Resp: 783638
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4



Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:58:04 PM



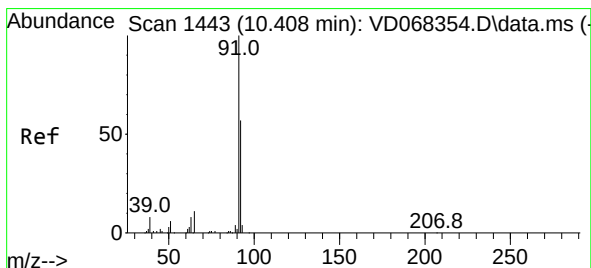
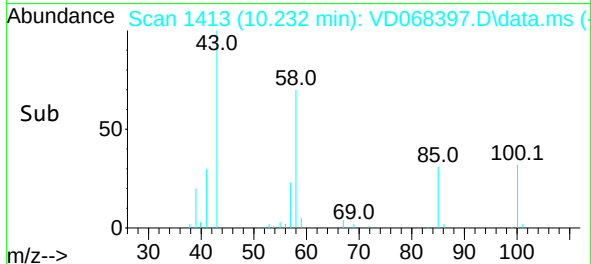
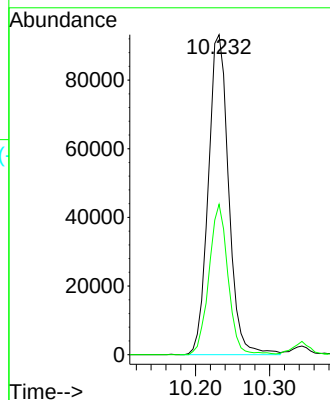
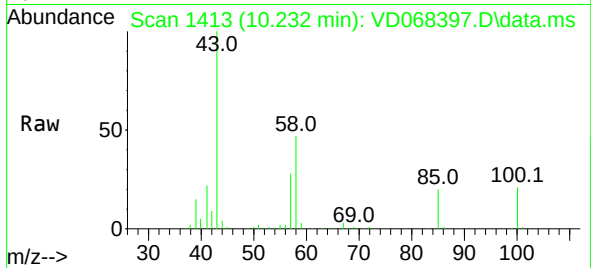
#51
4-Methyl-2-Pentanone
Concen: 101.88 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 43 Resp: 177762
Ion Ratio Lower Upper
43 100
58 44.0 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

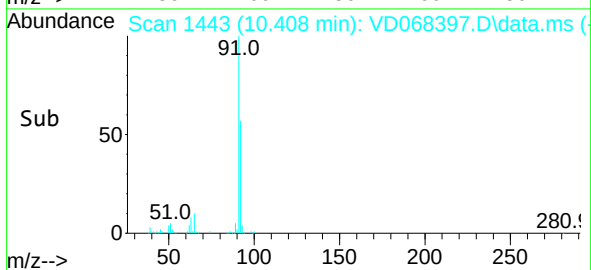
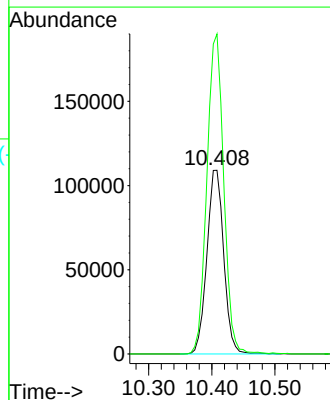
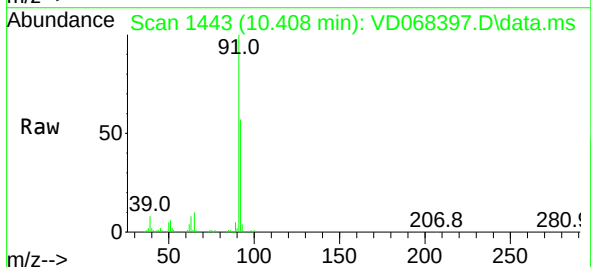
Manual Integrations
APPROVED

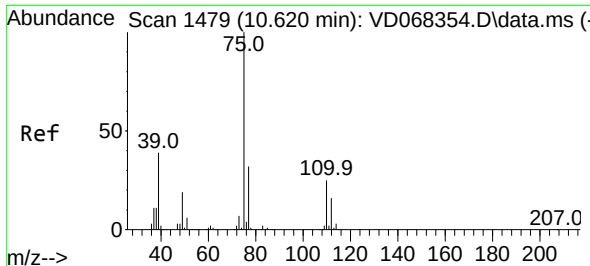
MMDadoda
2/22/2021 4:58:04 PM



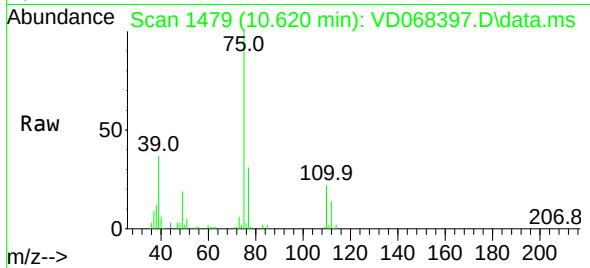
#52
Toluene
Concen: 20.98 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 92 Resp: 201948
Ion Ratio Lower Upper
92 100
91 173.9 134.1 201.1

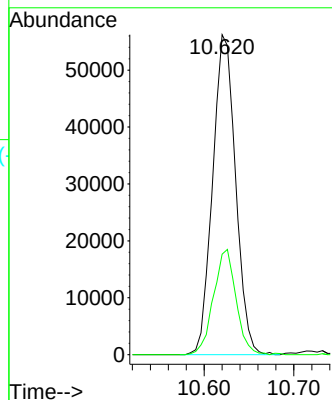




#53
t-1,3-Dichloropropene
Concen: 21.03 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



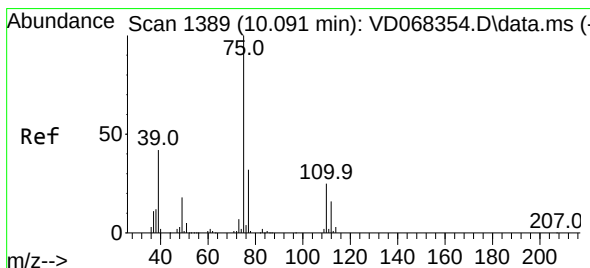
Tgt Ion: 75 Resp: 100001
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4



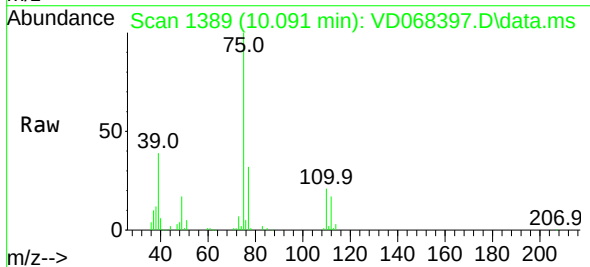
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

Manual Integrations
APPROVED

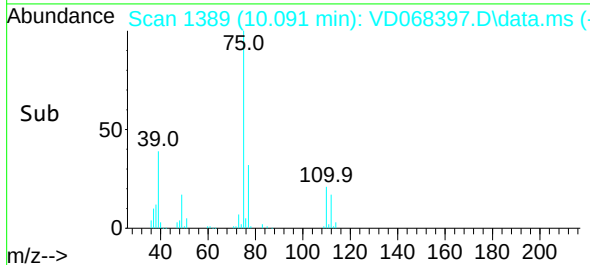
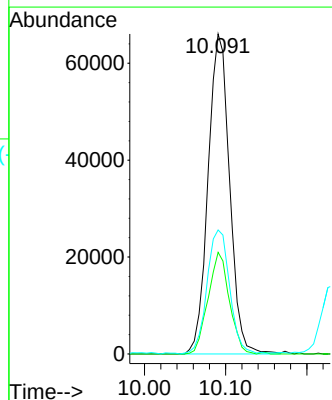
MMDadoda
2/22/2021 4:58:04 PM

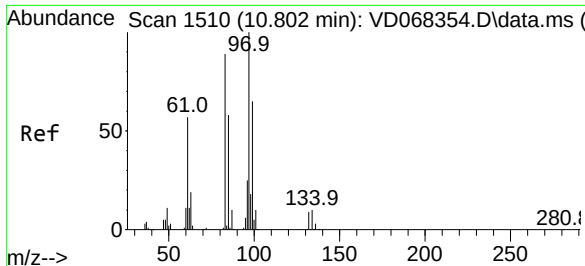


#54
cis-1,3-Dichloropropene
Concen: 20.90 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

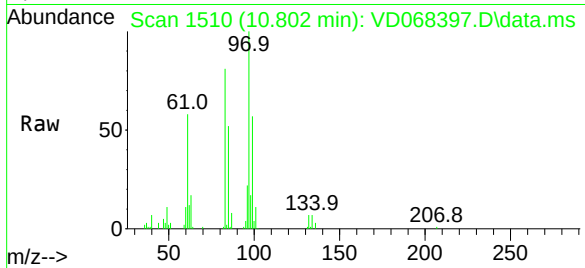


Tgt Ion: 75 Resp: 121446
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0
39 38.7 31.4 47.0

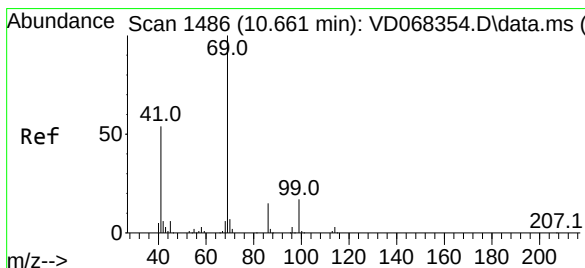
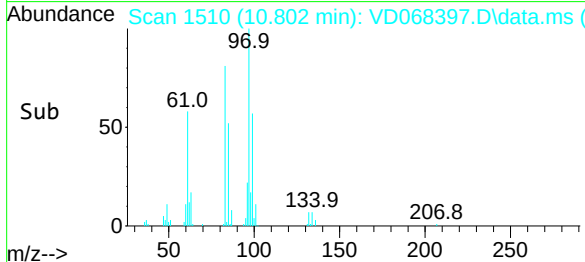
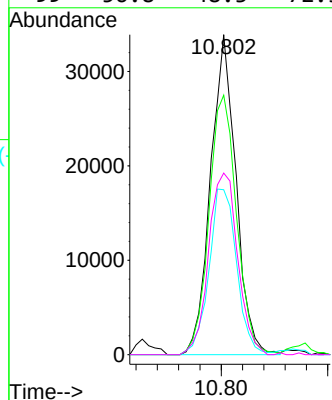




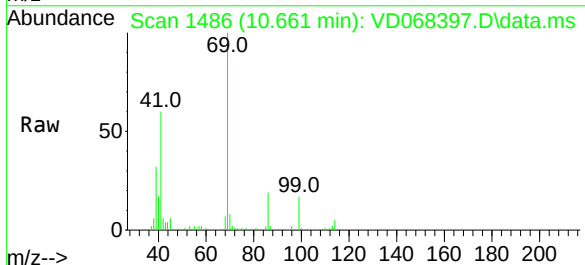
#55
1,1,2-Trichloroethane
Concen: 20.53 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



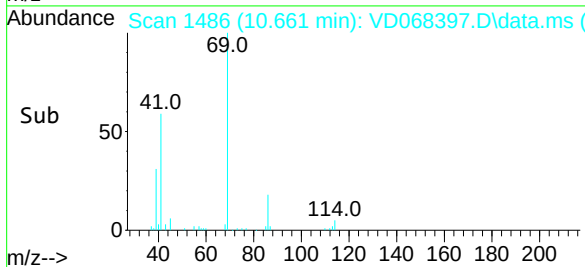
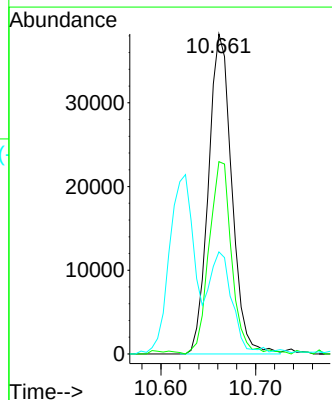
Tgt Ion:	97	Resp:	56223
Ion	Ratio	Lower	Upper
97	100		
83	81.1	61.8	92.6
85	51.6	42.2	63.2
99	56.8	48.3	72.5



#56
Ethyl methacrylate
Concen: 20.14 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



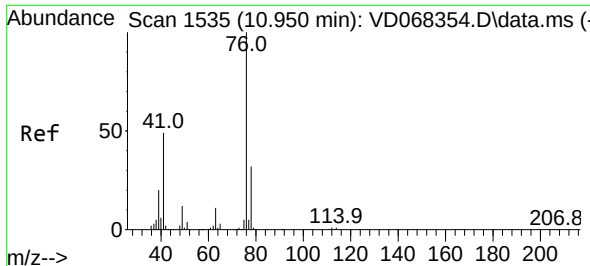
Tgt Ion:	69	Resp:	65431
Ion	Ratio	Lower	Upper
69	100		
41	58.5	44.9	67.3
39	29.8	21.9	32.9



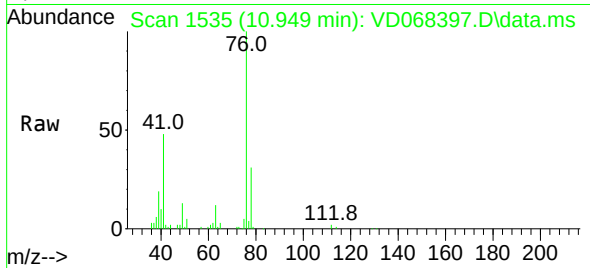
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

Manual Integrations
APPROVED

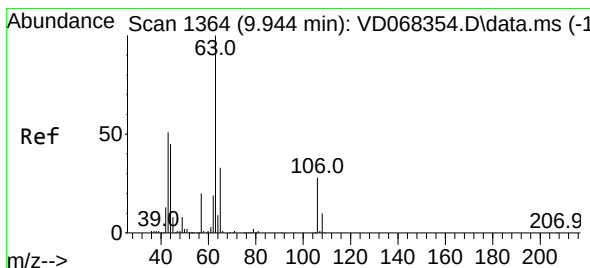
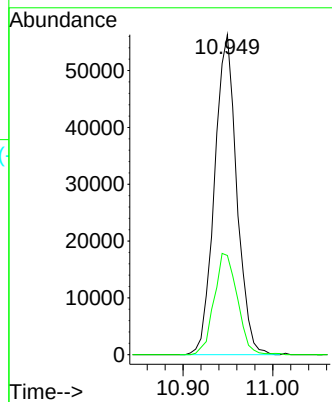
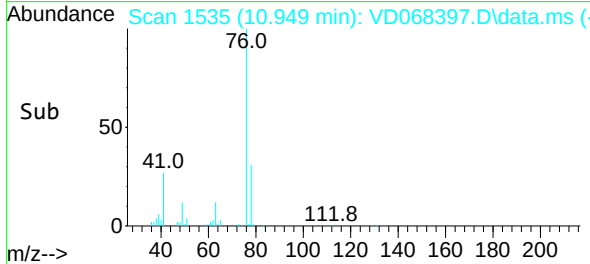
MMDadoda
2/22/2021 4:58:04 PM



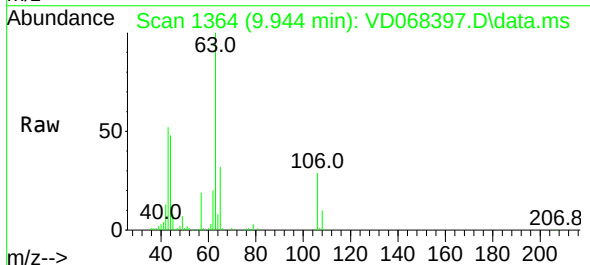
#57
1,3-Dichloropropane
Concen: 20.17 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



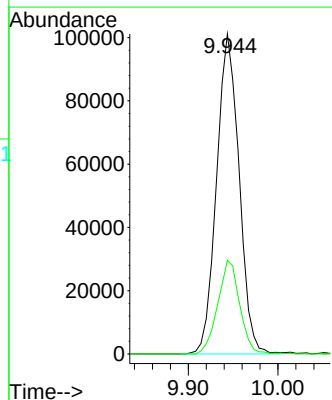
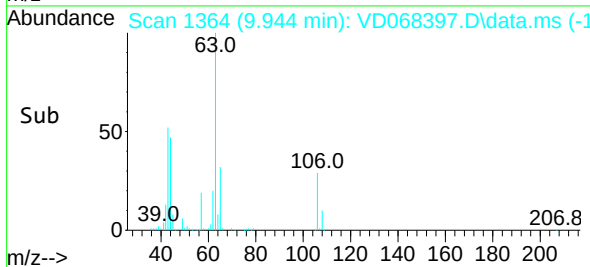
Tgt Ion: 76 Resp: 96909
Ion Ratio Lower Upper
76 100
78 33.1 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 101.25 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



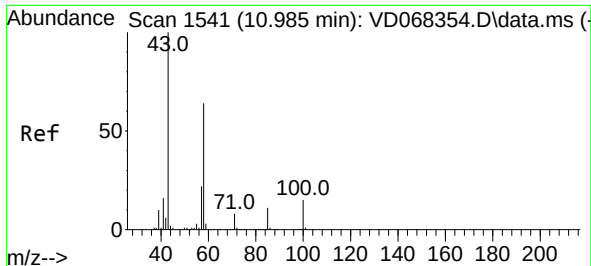
Tgt Ion: 63 Resp: 176147
Ion Ratio Lower Upper
63 100
106 28.5 27.0 40.4



Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:58:04 PM



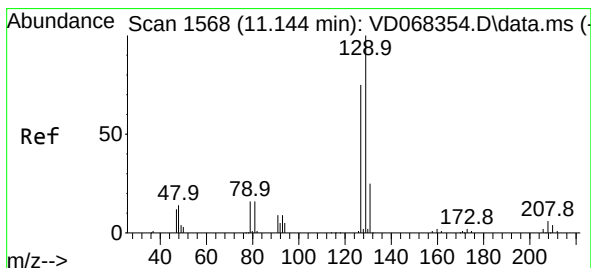
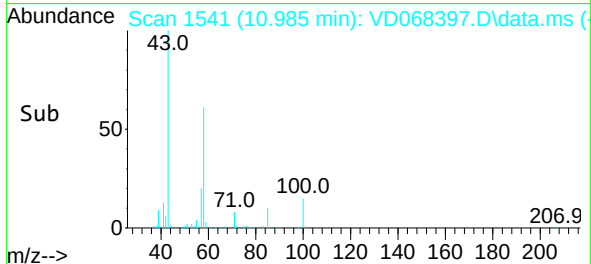
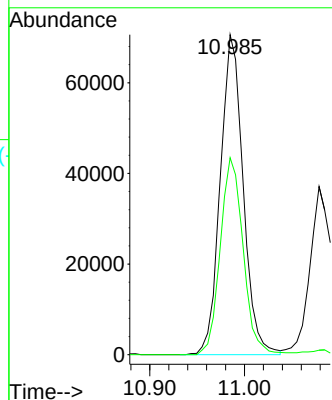
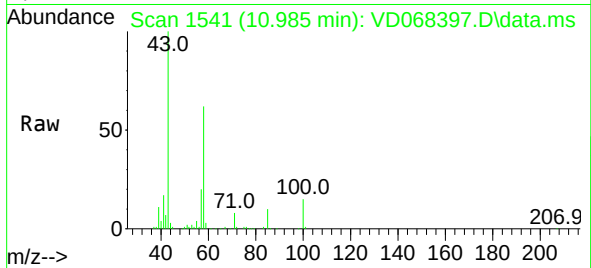
#59
2-Hexanone
Concen: 100.39 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 43 Resp: 118405
Ion Ratio Lower Upper
43 100
58 61.7 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

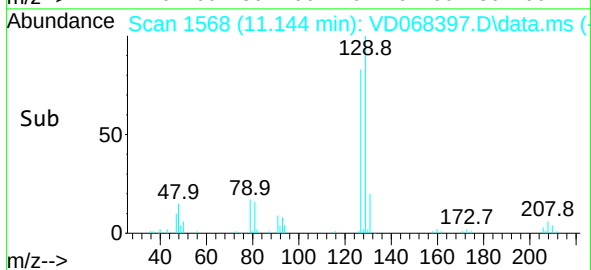
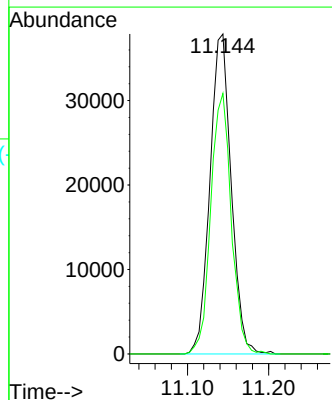
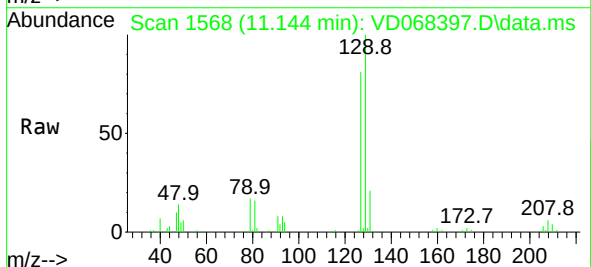
Manual Integrations
APPROVED

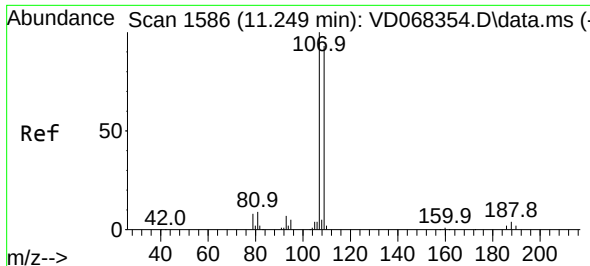
MMDadoda
2/22/2021 4:58:04 PM



#60
Dibromochloromethane
Concen: 20.31 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

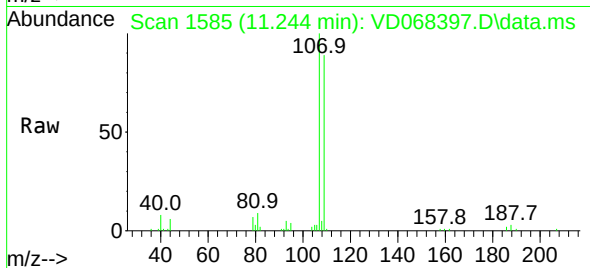
Tgt Ion: 129 Resp: 69025
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.11 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

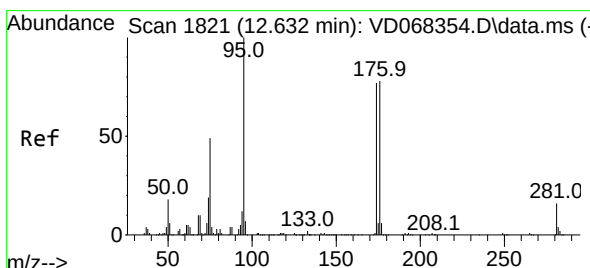
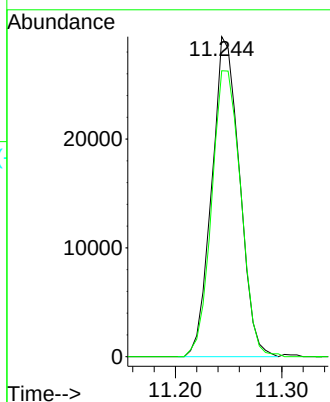
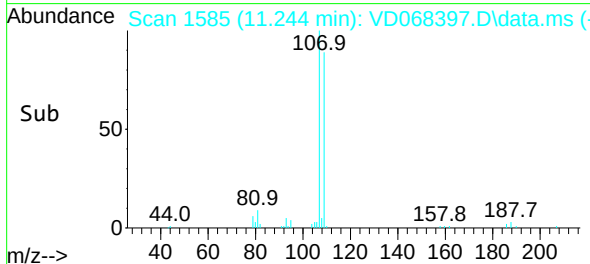
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01



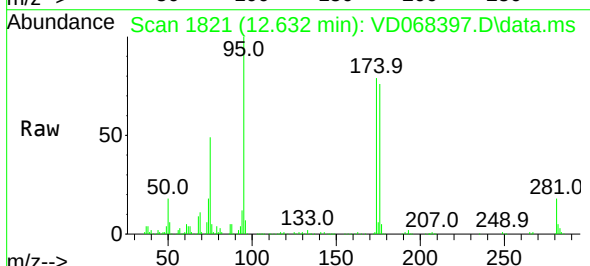
Tgt Ion:107 Resp: 53220
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2

Manual Integrations
APPROVED

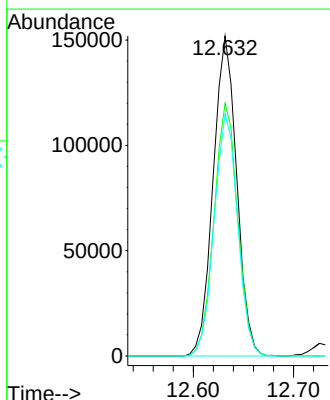
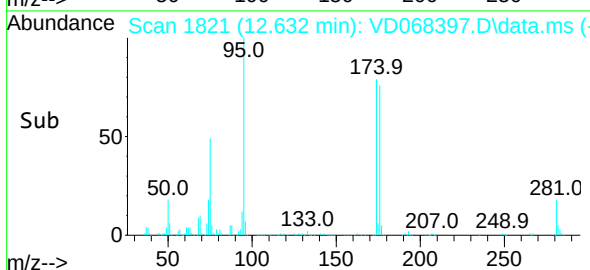
MMDadoda
2/22/2021 4:58:04 PM

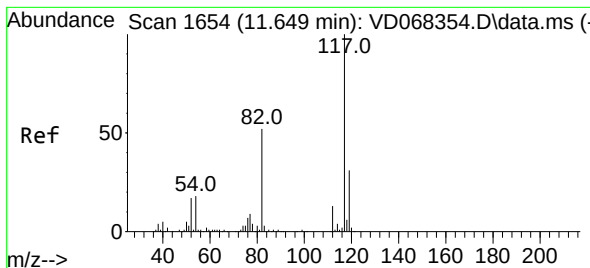


#62
4-Bromofluorobenzene
Concen: 52.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



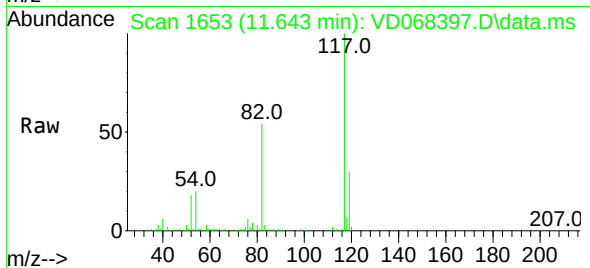
Tgt Ion: 95 Resp: 247435
Ion Ratio Lower Upper
95 100
174 79.5 0.0 172.4
176 75.6 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

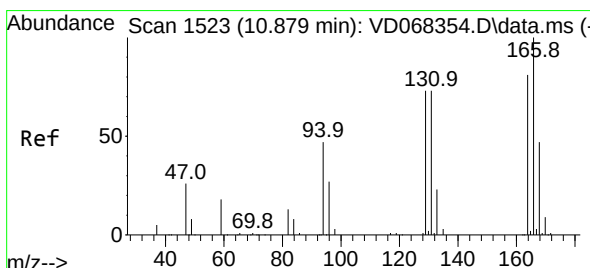
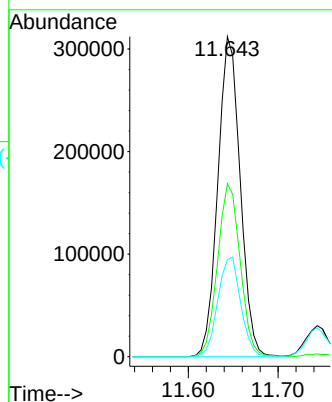
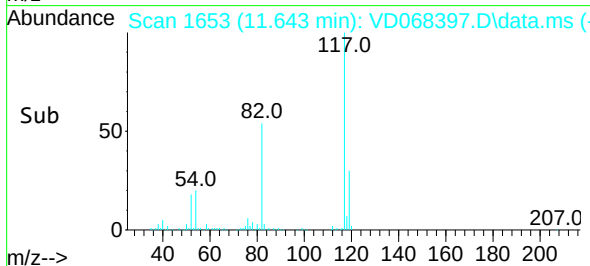
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01



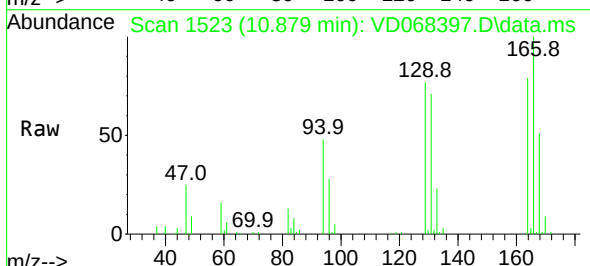
Tgt Ion:117 Resp: 540044
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.0
119 30.3 26.1 39.1

Manual Integrations
APPROVED

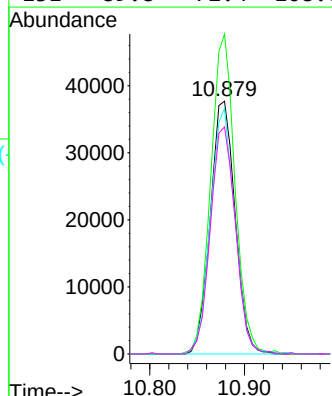
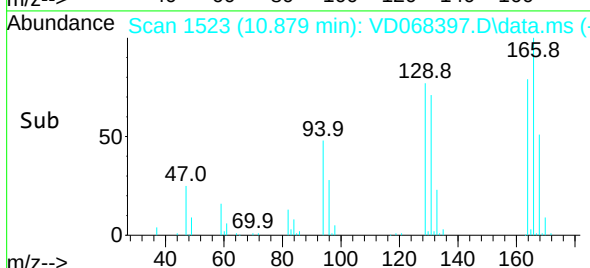
MMDadoda
2/22/2021 4:58:04 PM

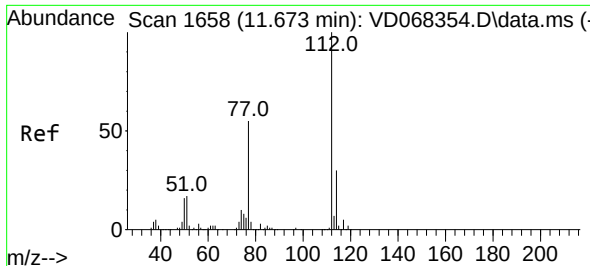


#64
Tetrachloroethene
Concen: 20.70 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



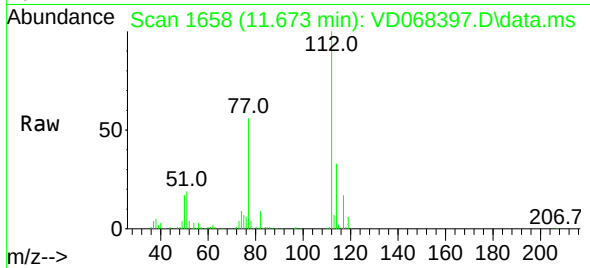
Tgt Ion:164 Resp: 68792
Ion Ratio Lower Upper
164 100
166 126.6 105.5 158.3
129 97.1 75.6 113.4
131 89.8 72.4 108.6





#65
Chlorobenzene
Concen: 20.53 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

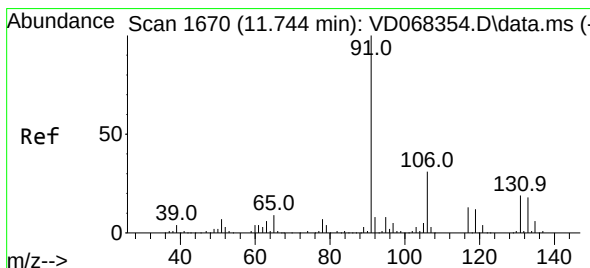
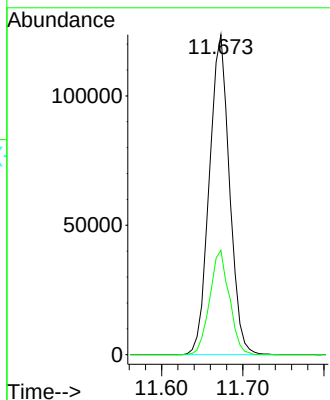
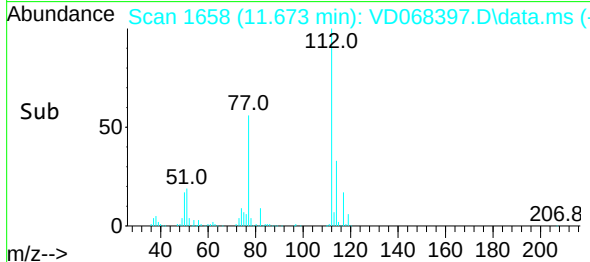
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01



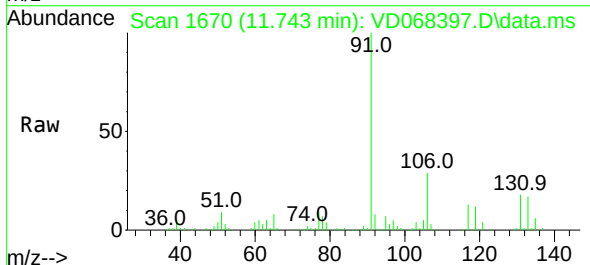
Tgt Ion:112 Resp: 213192
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

Manual Integrations
APPROVED

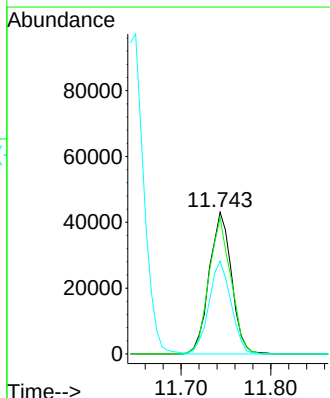
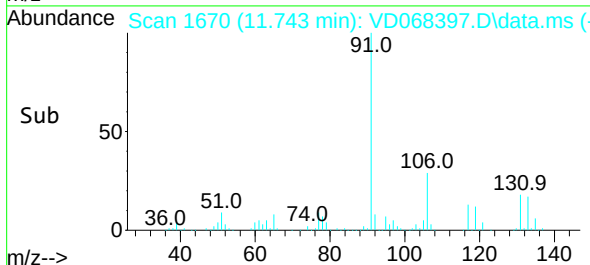
MMDadoda
2/22/2021 4:58:04 PM

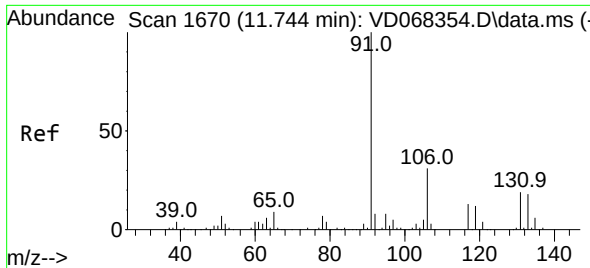


#66
1,1,1,2-Tetrachloroethane
Concen: 20.50 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



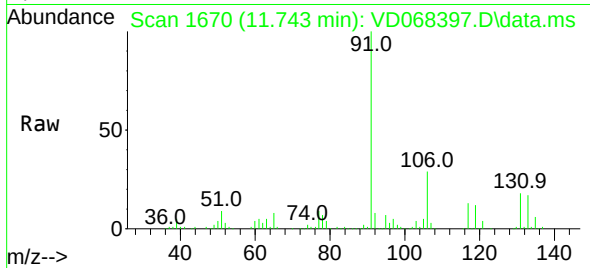
Tgt Ion:131 Resp: 74276
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.4
119 65.0 31.6 94.8





#67
Ethyl Benzene
Concen: 20.79 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

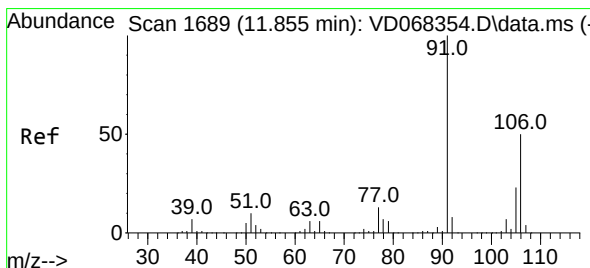
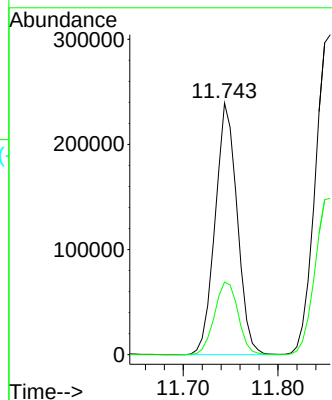
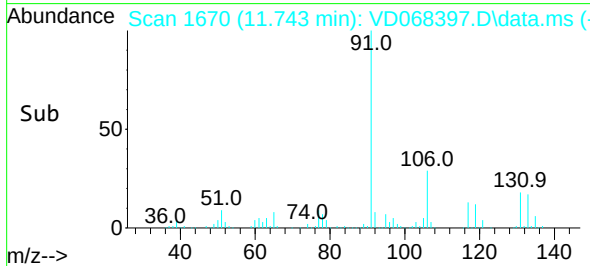
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01



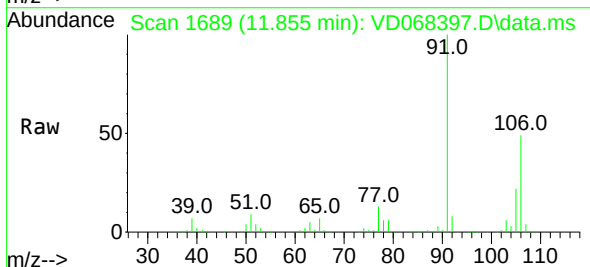
Tgt Ion: 91 Resp: 387095
Ion Ratio Lower Upper
91 100
106 28.8 25.9 38.9

Manual Integrations
APPROVED

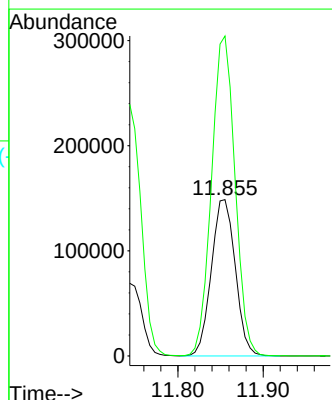
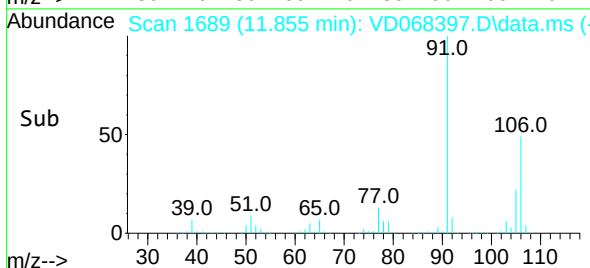
MMDadoda
2/22/2021 4:58:04 PM

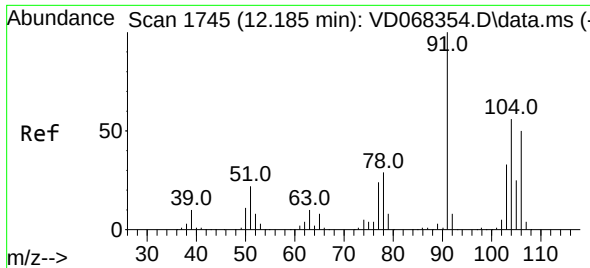


#68
m/p-Xylenes
Concen: 41.29 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



Tgt Ion: 106 Resp: 290532
Ion Ratio Lower Upper
106 100
91 201.2 159.1 238.7





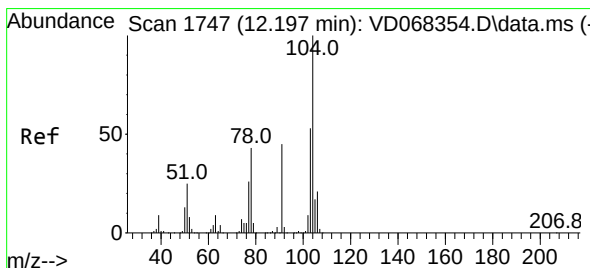
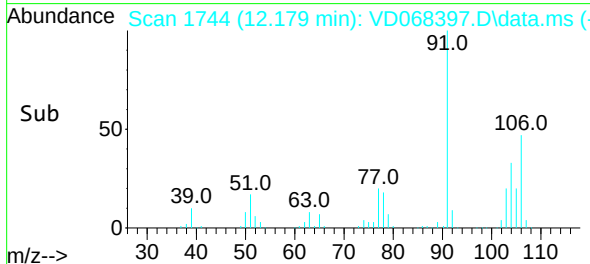
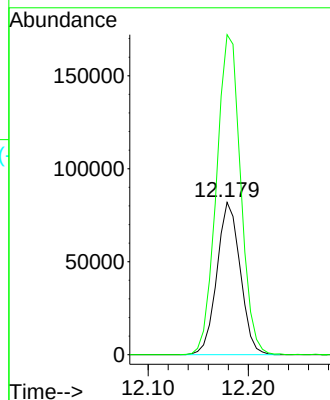
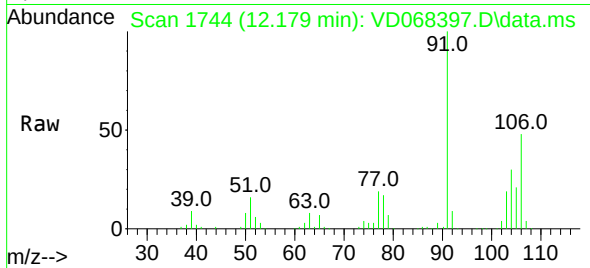
#69
o-Xylene
Concen: 20.50 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion:106 Resp: 132311
Ion Ratio Lower Upper
106 100
91 218.2 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

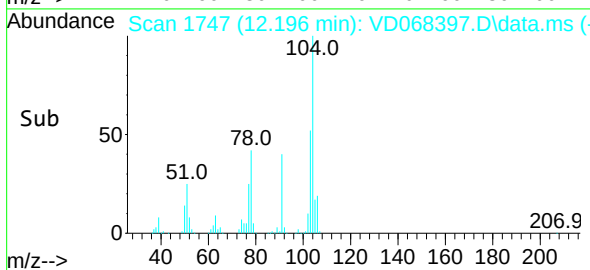
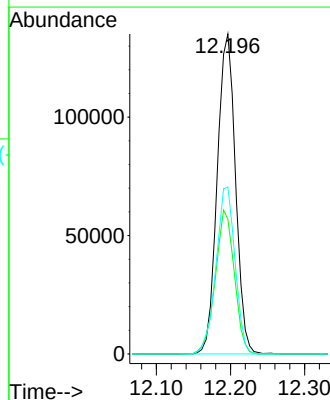
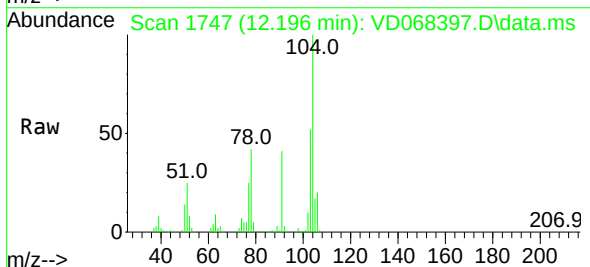
Manual Integrations
APPROVED

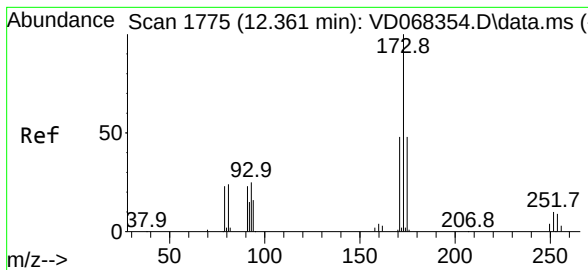
MMDadoda
2/22/2021 4:58:04 PM



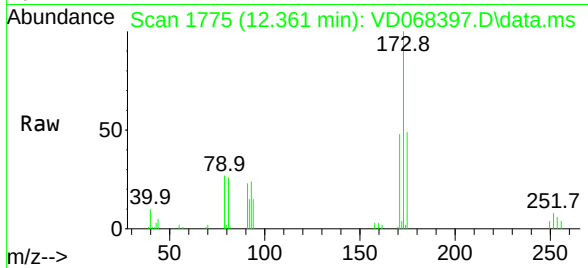
#70
Styrene
Concen: 20.60 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion:104 Resp: 231280
Ion Ratio Lower Upper
104 100
78 46.6 38.2 57.2
103 54.5 43.1 64.7

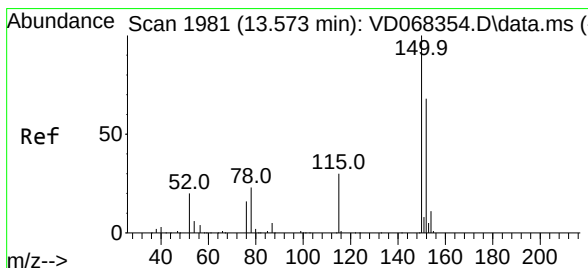
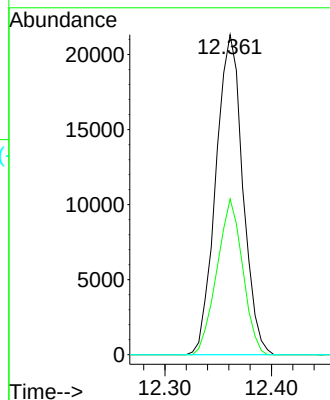
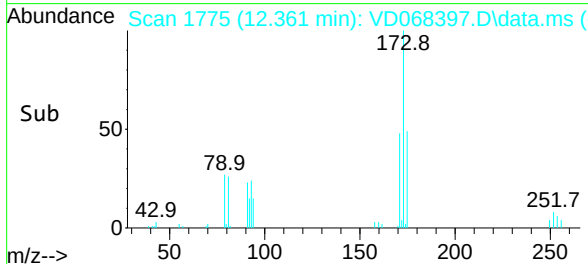




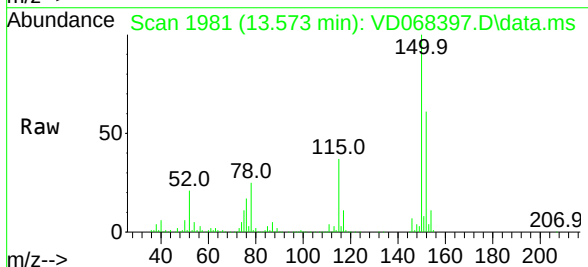
#71
Bromoform
Concen: 20.10 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



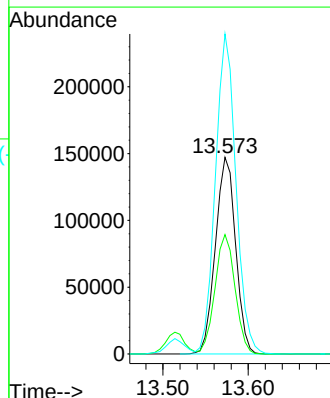
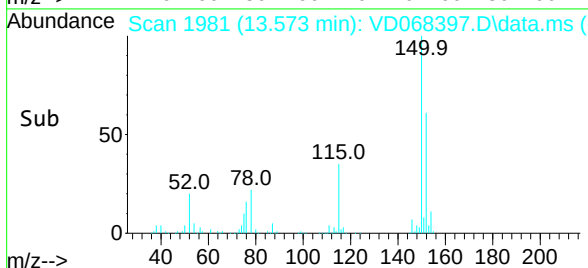
Tgt Ion:173 Resp: 37409
Ion Ratio Lower Upper
173 100
175 46.4 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



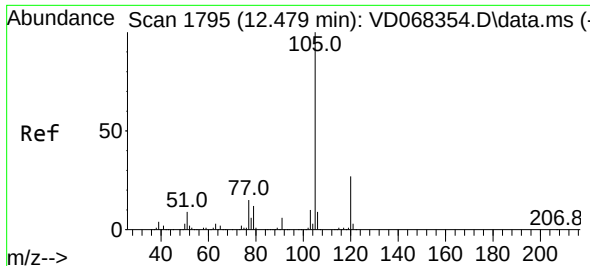
Tgt Ion:152 Resp: 242380
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.8
150 165.4 0.0 344.4



Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

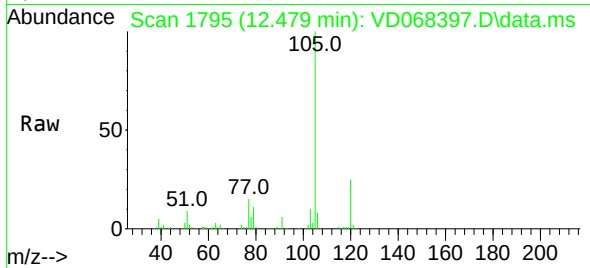
Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:58:04 PM



#73
Isopropylbenzene
Concen: 20.99 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

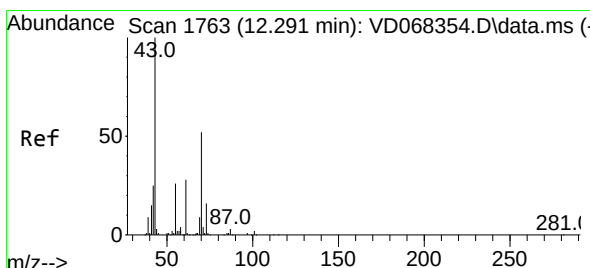
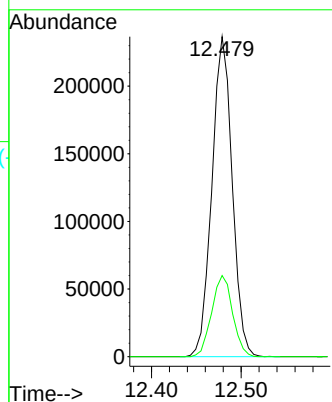
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01



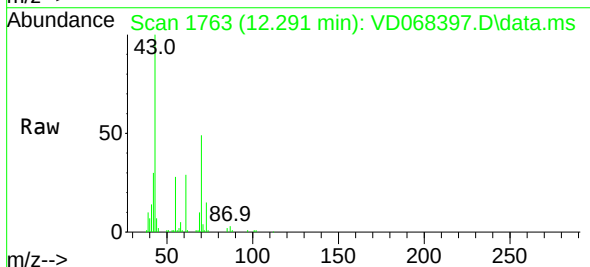
Tgt Ion:105 Resp: 371645
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

Manual Integrations
APPROVED

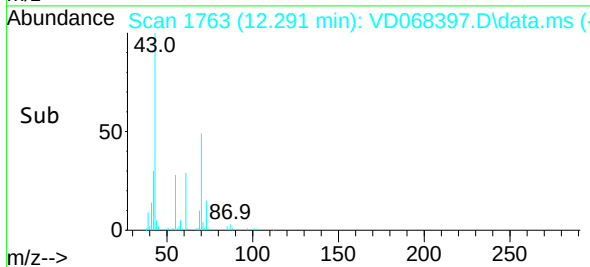
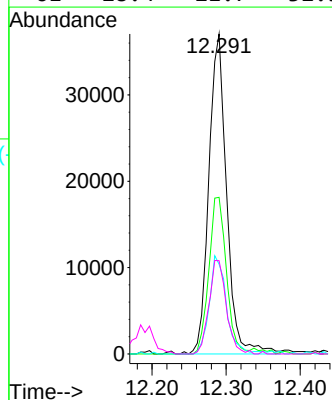
MMDadoda
2/22/2021 4:58:04 PM

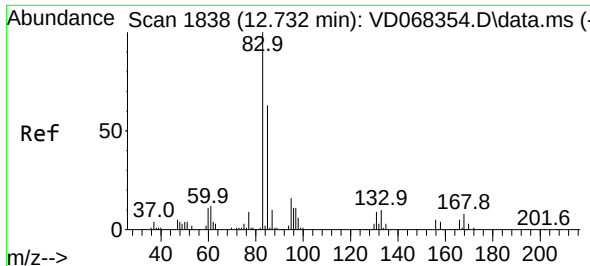


#74
N-ethyl acetate
Concen: 19.76 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



Tgt Ion: 43 Resp: 61775
Ion Ratio Lower Upper
43 100
70 48.3 41.8 62.8
55 29.5 24.2 36.4
61 28.4 21.7 32.5





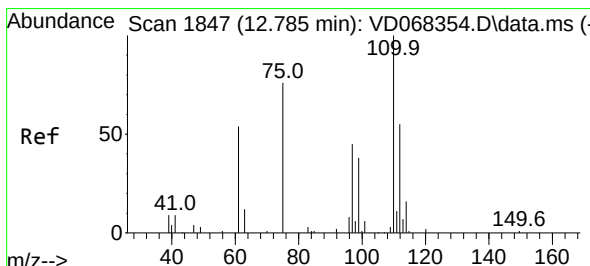
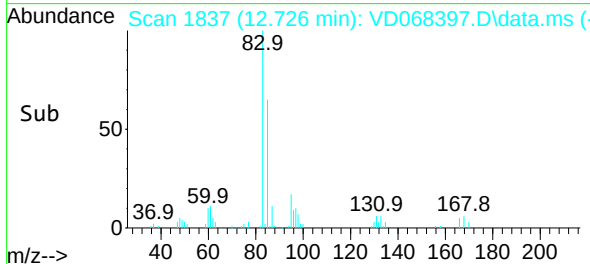
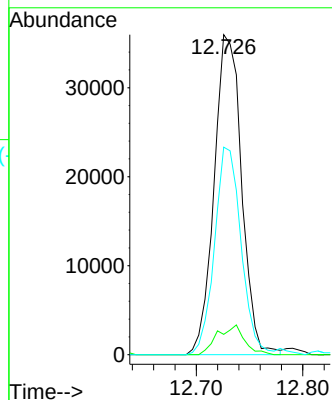
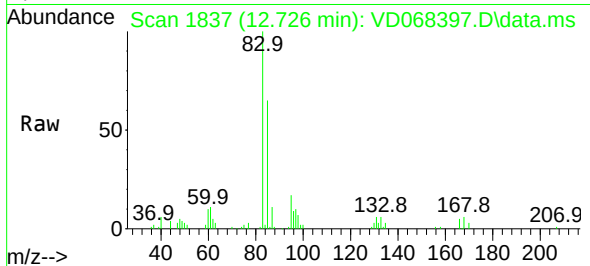
#75
1,1,2,2-Tetrachloroethane
Concen: 20.98 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 83 Resp: 64360
Ion Ratio Lower Upper
83 100
131 9.2 5.8 17.4
85 62.6 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

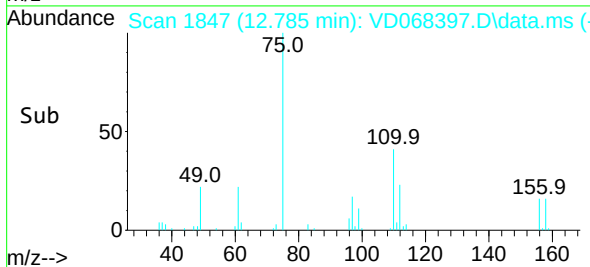
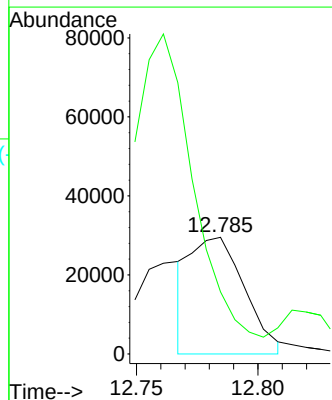
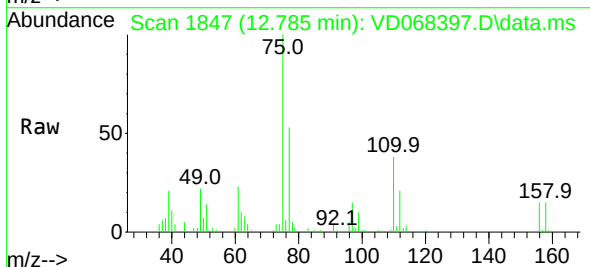
Manual Integrations
APPROVED

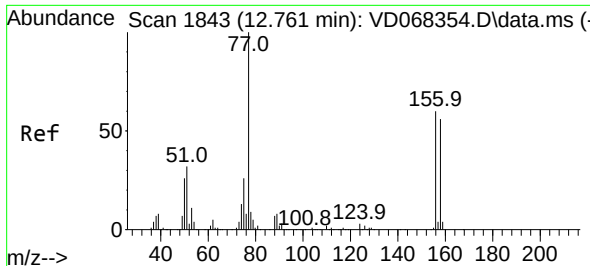
MMDadoda
2/22/2021 4:58:04 PM



#76
1,2,3-Trichloropropane
Concen: 19.85 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion: 75 Resp: 45777
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





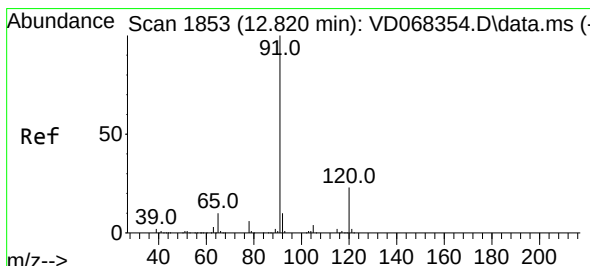
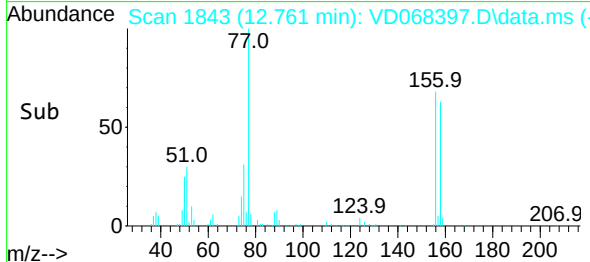
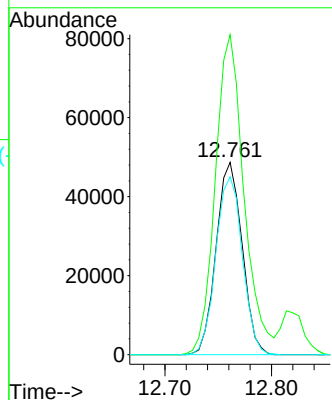
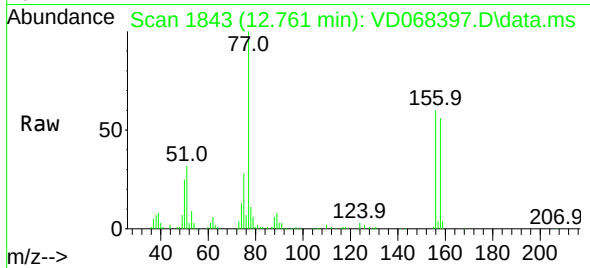
#77
Bromobenzene
Concen: 20.85 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion	Ratio	Lower	Upper
156	100		
77	183.6	82.8	248.3
158	94.8	48.0	144.0

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

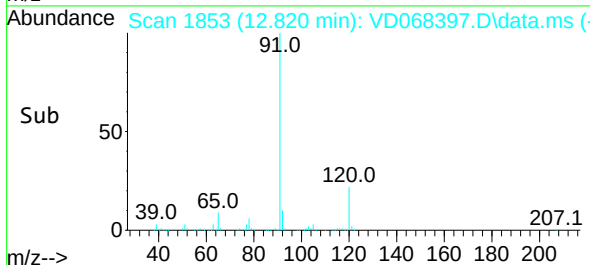
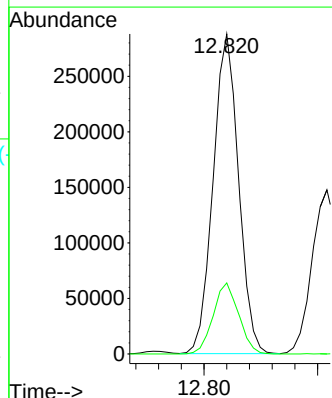
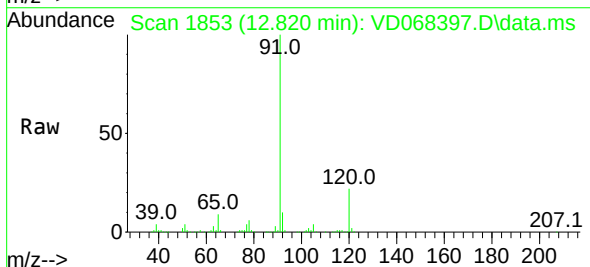
Manual Integrations
APPROVED

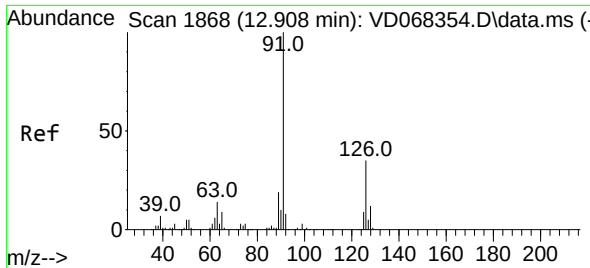
MMDadoda
2/22/2021 4:58:04 PM



#78
n-propylbenzene
Concen: 21.10 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

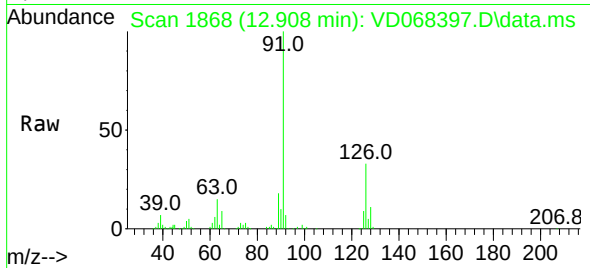
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	12.0	36.0





#79
2-Chlorotoluene
Concen: 20.78 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

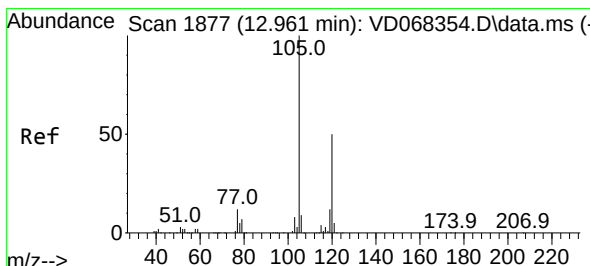
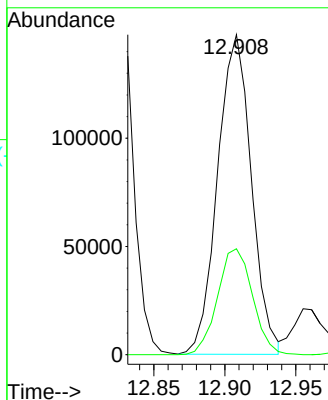
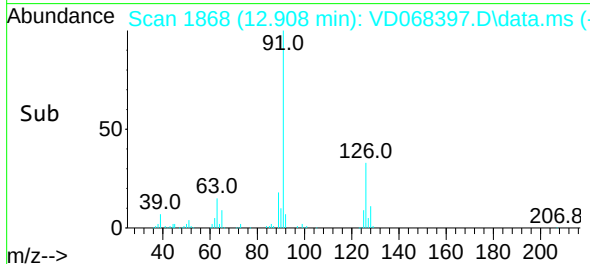
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01



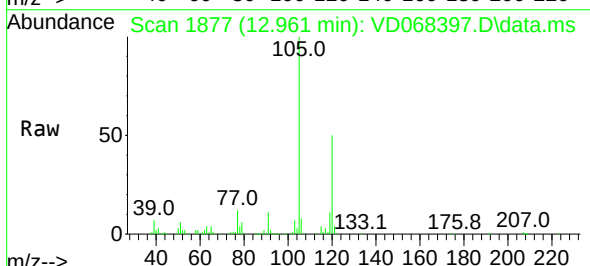
Tgt Ion: 91 Resp: 243963
Ion Ratio Lower Upper
91 100
126 34.4 17.8 53.5

Manual Integrations
APPROVED

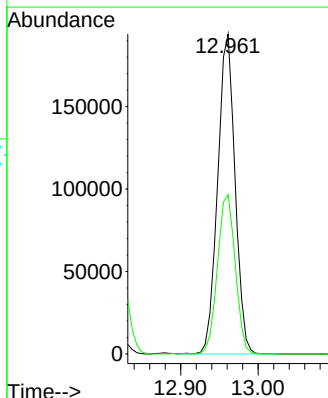
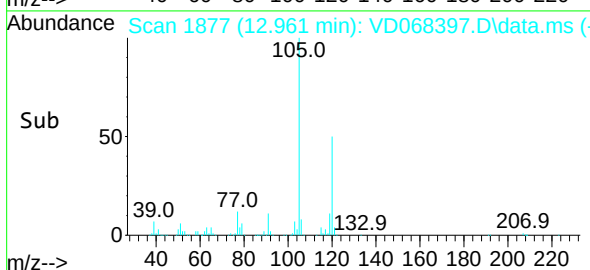
MMDadoda
2/22/2021 4:58:04 PM

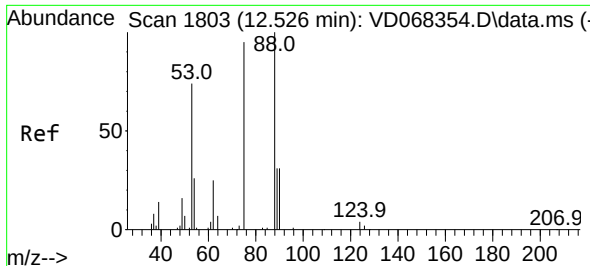


#80
1,3,5-Trimethylbenzene
Concen: 20.87 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



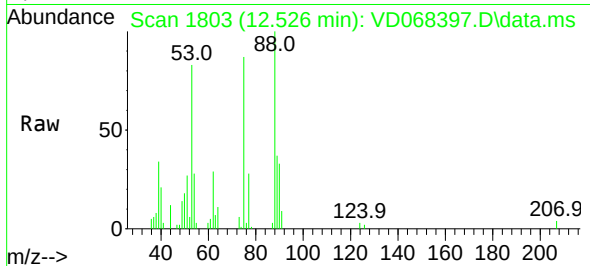
Tgt Ion: 105 Resp: 301986
Ion Ratio Lower Upper
105 100
120 50.9 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.09 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

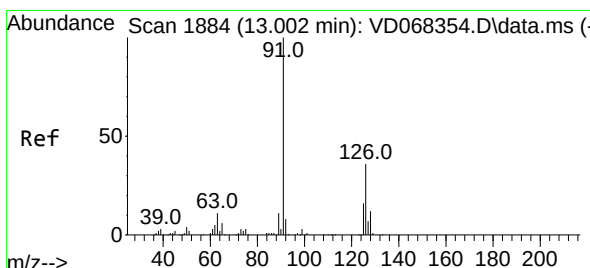
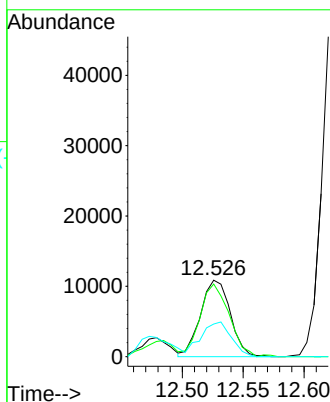
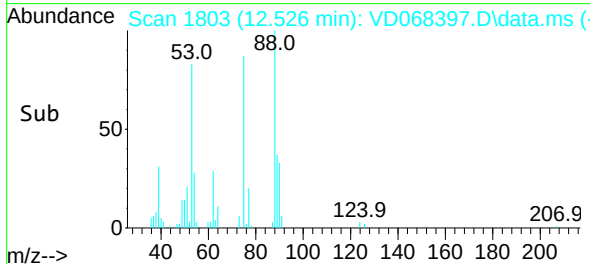
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01



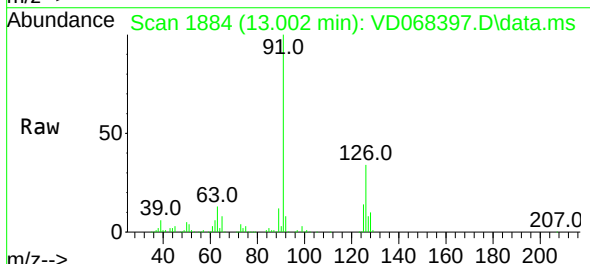
Tgt Ion: 75 Resp: 18488
Ion Ratio Lower Upper
75 100
53 93.9 70.2 105.2
89 46.3 40.3 60.5

Manual Integrations
APPROVED

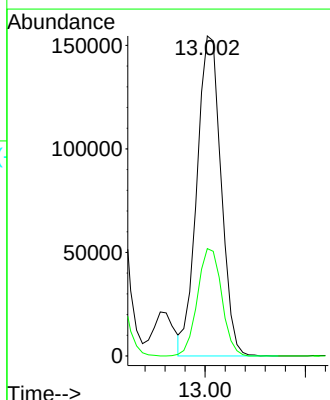
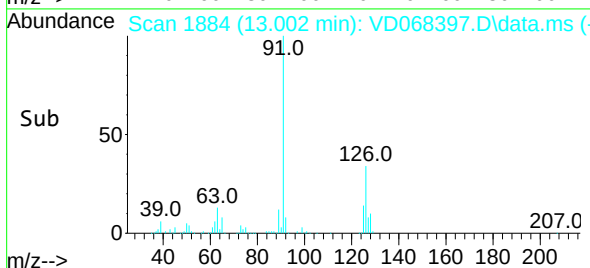
MMDadoda
2/22/2021 4:58:04 PM

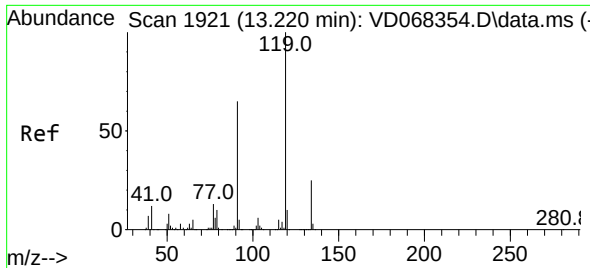


#82
4-Chlorotoluene
Concen: 20.87 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



Tgt Ion: 91 Resp: 258958
Ion Ratio Lower Upper
91 100
126 33.6 17.7 53.1





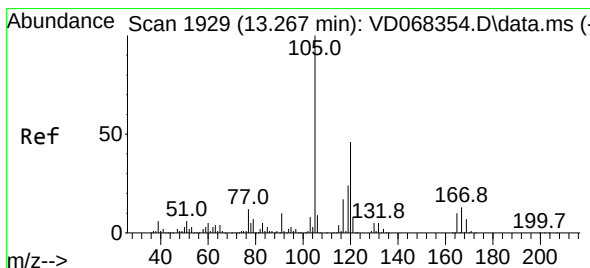
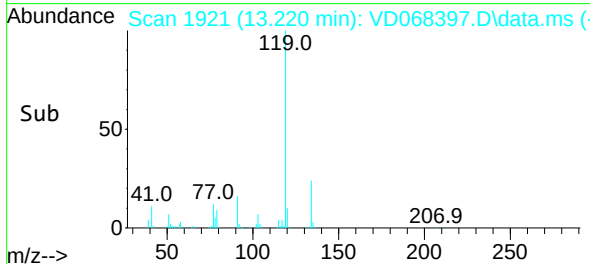
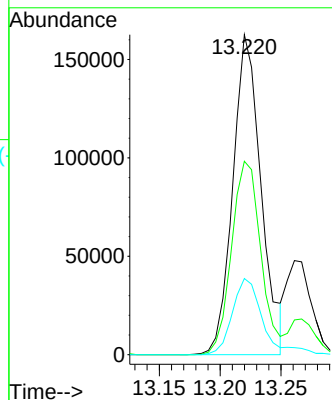
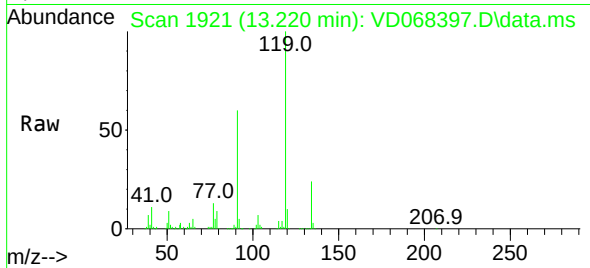
#83
tert-Butylbenzene
Concen: 20.95 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.5	31.1	93.5
134	25.7	13.3	39.8

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

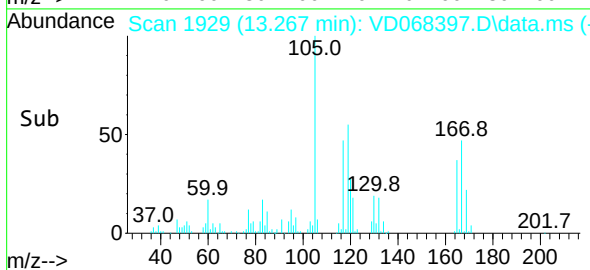
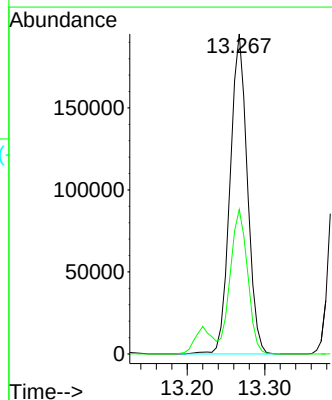
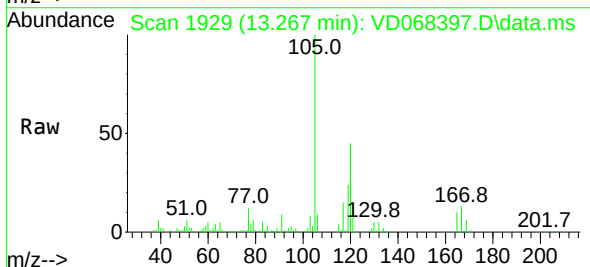
Manual Integrations
APPROVED

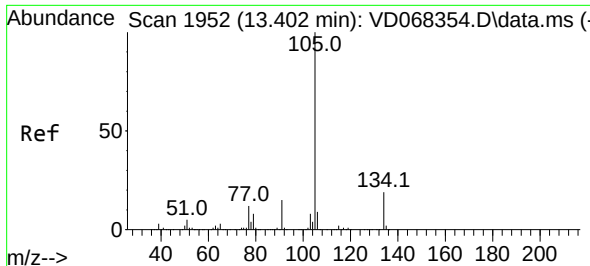
MMDadoda
2/22/2021 4:58:04 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.99 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

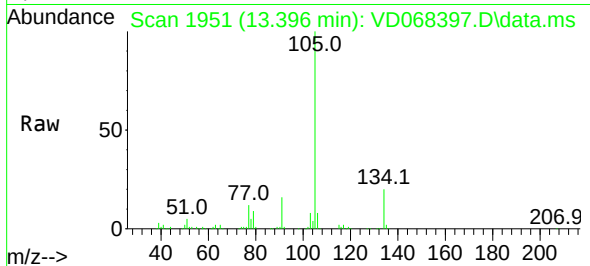
Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 21.00 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: VD068397.D
 Acq: 19 Feb 2021 13:49

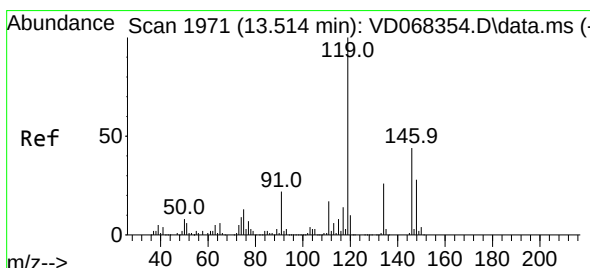
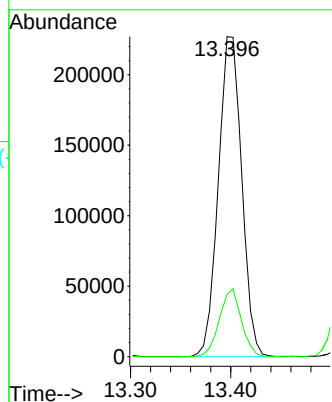
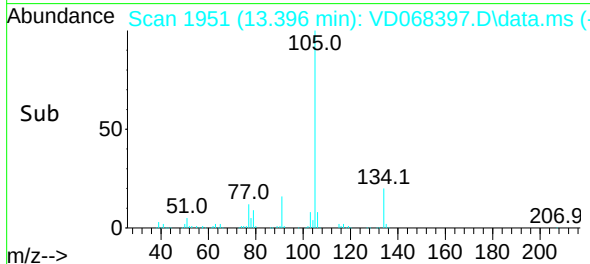
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBSD01



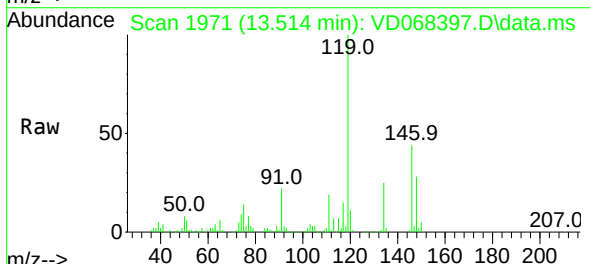
Tgt Ion:105 Resp: 368565
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.9

Manual Integrations
 APPROVED

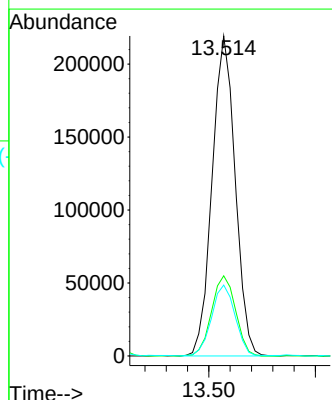
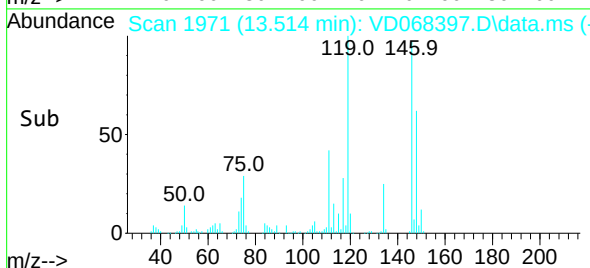
MMDadoda
 2/22/2021 4:58:04 PM

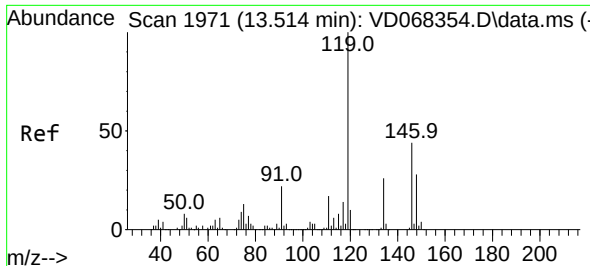


#86
 p-Isopropyltoluene
 Concen: 20.90 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068397.D
 Acq: 19 Feb 2021 13:49

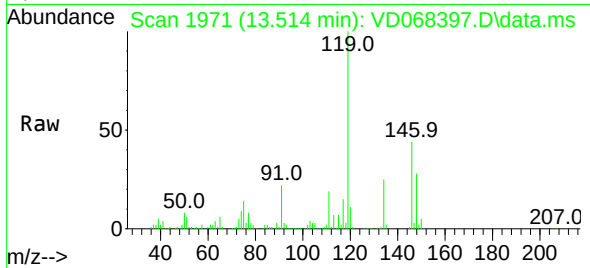


Tgt Ion:119 Resp: 329347
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 22.5 11.7 35.0

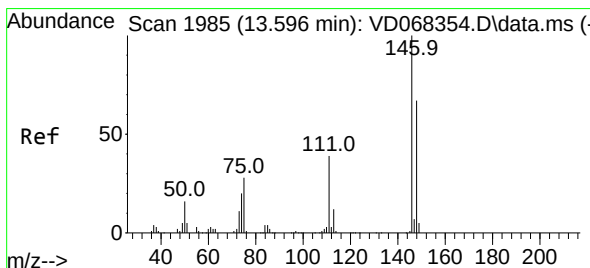
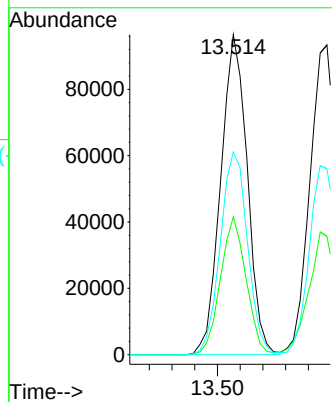
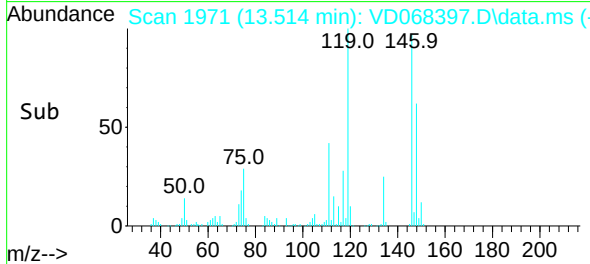




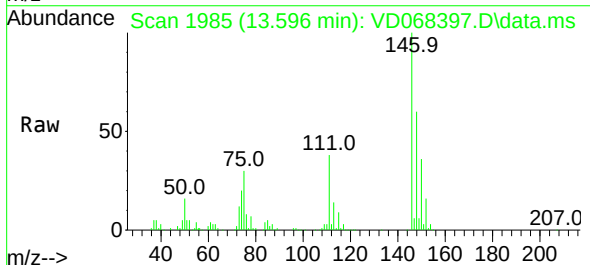
#87
1,3-Dichlorobenzene
Concen: 20.49 ug/l
RT: 13.514 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



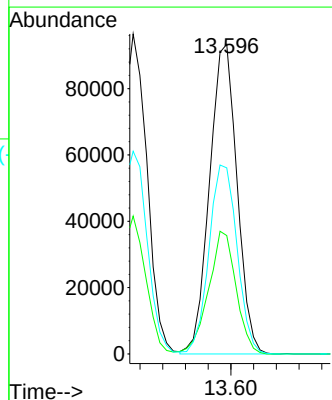
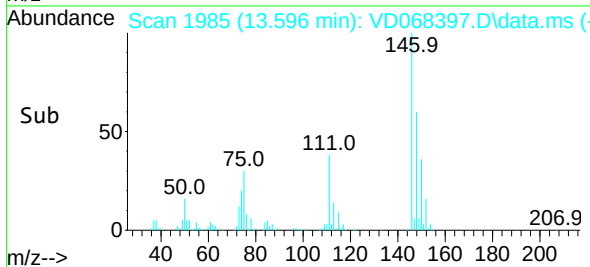
Tgt Ion:146 Resp: 156776
Ion Ratio Lower Upper
146 100
111 41.6 19.5 58.5
148 65.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.64 ug/l
RT: 13.596 min Scan# 185
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



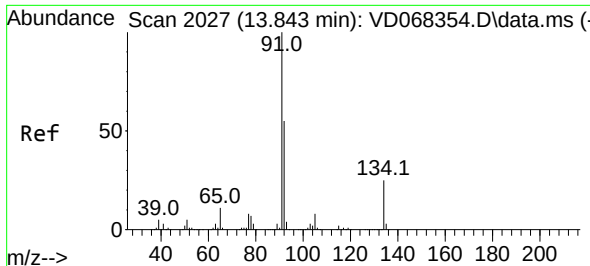
Tgt Ion:146 Resp: 157171
Ion Ratio Lower Upper
146 100
111 39.7 19.1 57.1
148 62.4 31.9 95.7



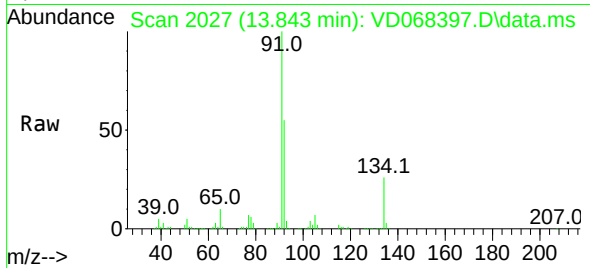
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

Manual Integrations
APPROVED

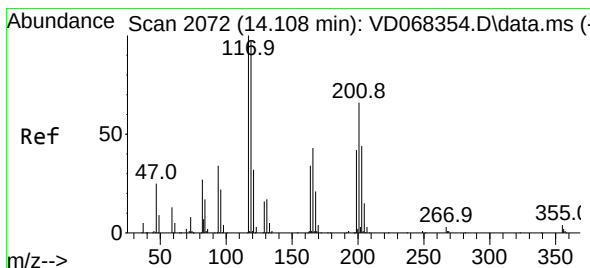
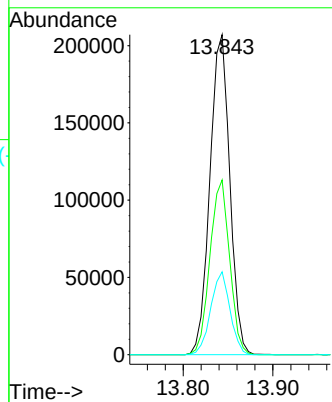
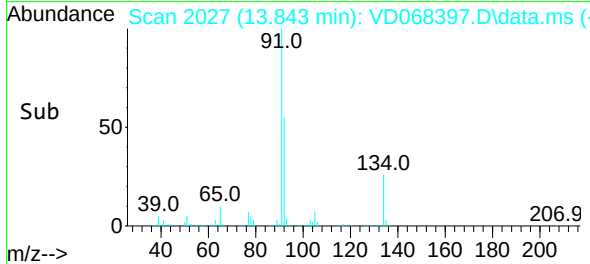
MMDadoda
2/22/2021 4:58:04 PM



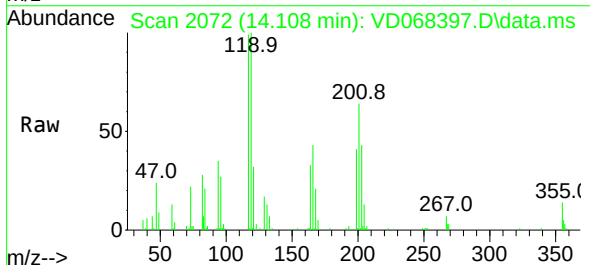
#89
n-Butylbenzene
Concen: 20.71 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



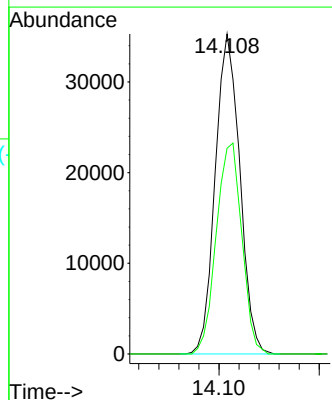
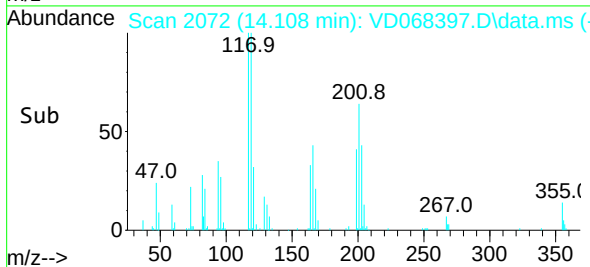
Tgt Ion: 91 Resp: 318508
Ion Ratio Lower Upper
91 100
92 54.1 27.2 81.6
134 25.1 13.9 41.7



#90
Hexachloroethane
Concen: 20.95 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



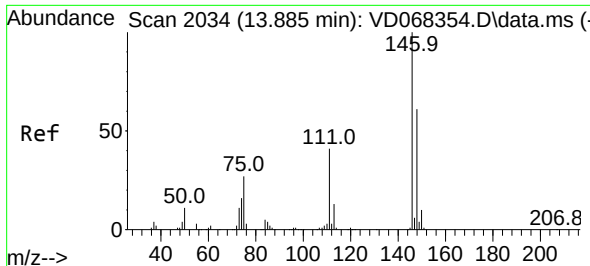
Tgt Ion: 117 Resp: 59939
Ion Ratio Lower Upper
117 100
201 68.4 39.5 118.5



Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

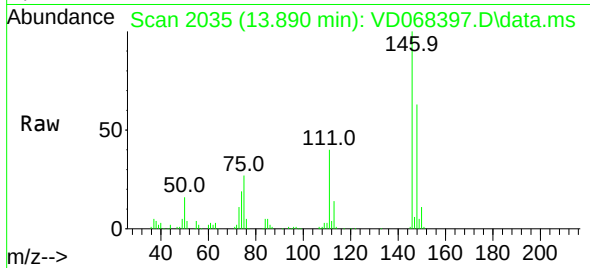
Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:58:04 PM



#91
1,2-Dichlorobenzene
Concen: 20.63 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

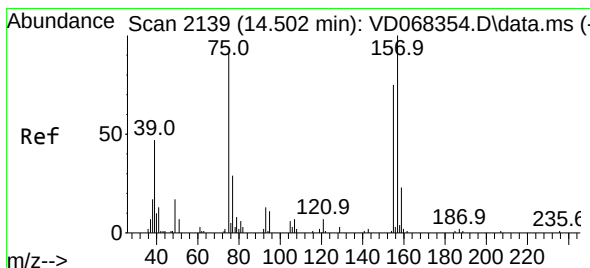
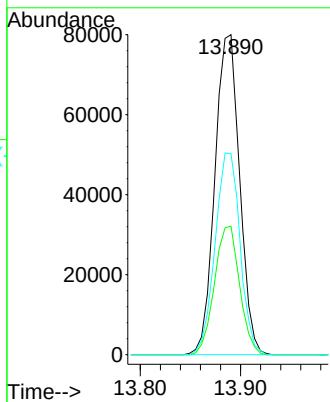
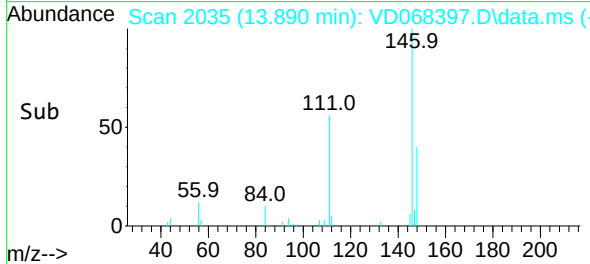
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01



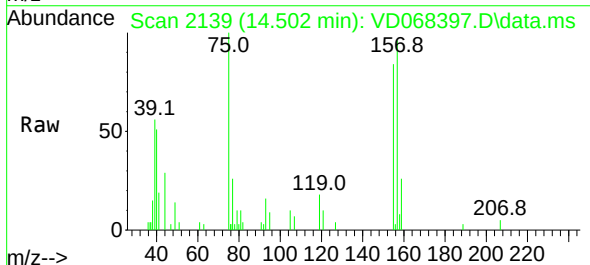
Tgt Ion:146 Resp: 136879
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 63.7 31.7 95.1

Manual Integrations
APPROVED

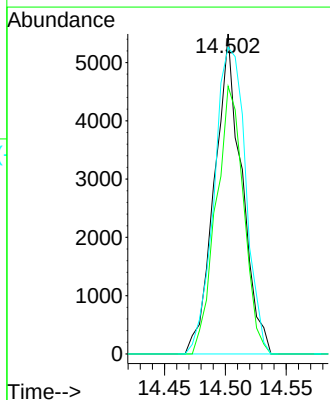
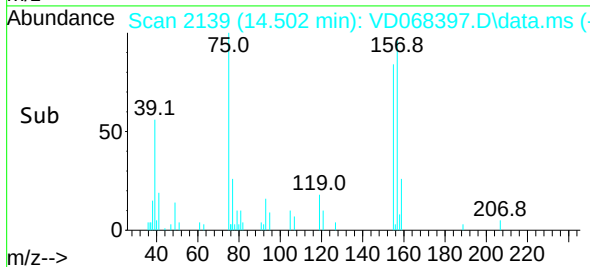
MMDadoda
2/22/2021 4:58:04 PM

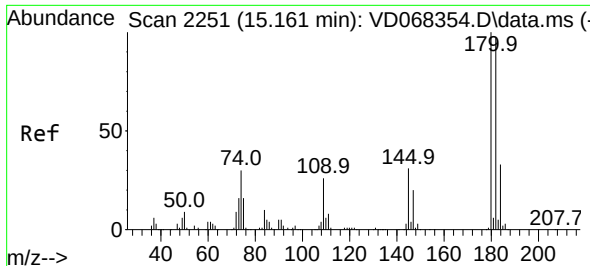


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.08 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



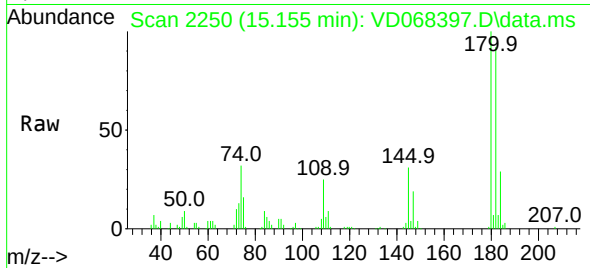
Tgt Ion: 75 Resp: 8559
Ion Ratio Lower Upper
75 100
155 84.6 48.0 144.2
157 110.7 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 21.37 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.006 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

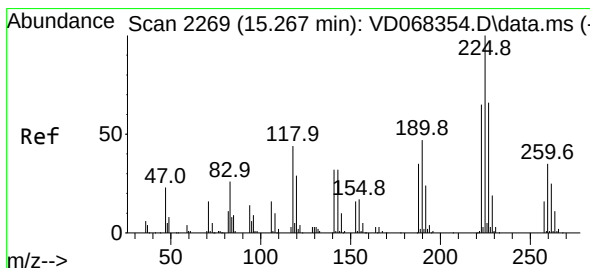
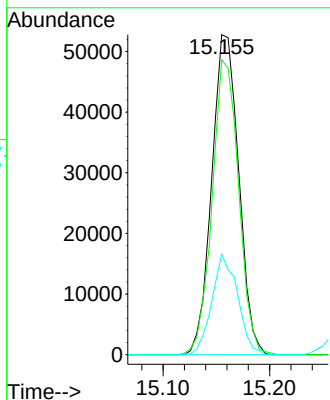
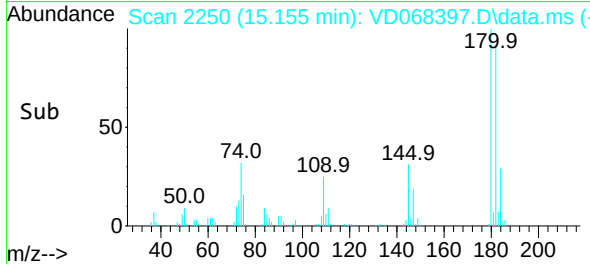
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01



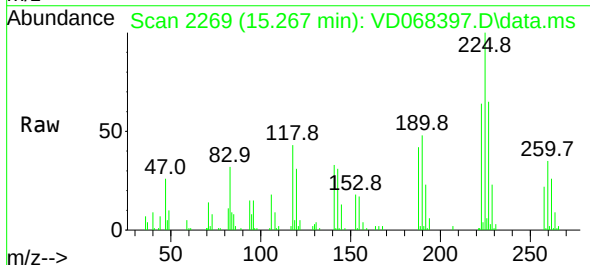
Tgt Ion:180 Resp: 92860
Ion Ratio Lower Upper
180 100
182 90.5 46.8 140.4
145 29.9 15.2 45.5

Manual Integrations
APPROVED

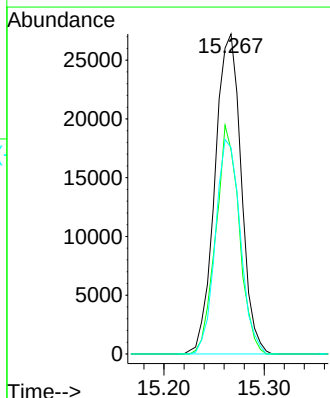
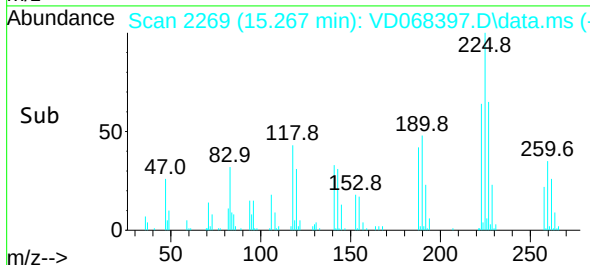
MMDadoda
2/22/2021 4:58:04 PM

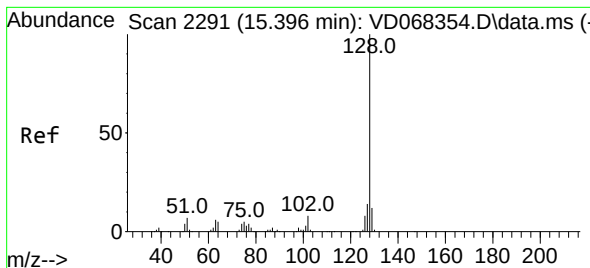


#94
Hexachlorobutadiene
Concen: 20.73 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49

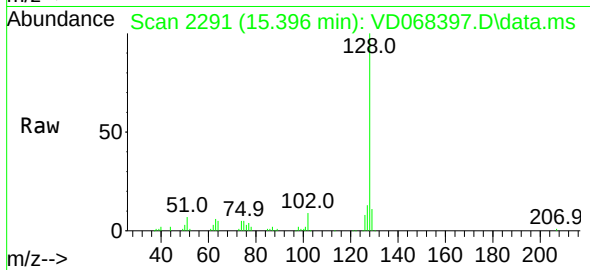


Tgt Ion:225 Resp: 49538
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.5
227 63.6 32.1 96.5

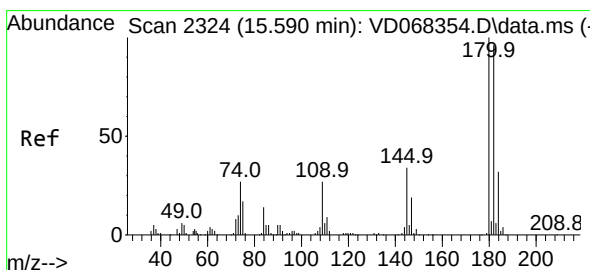
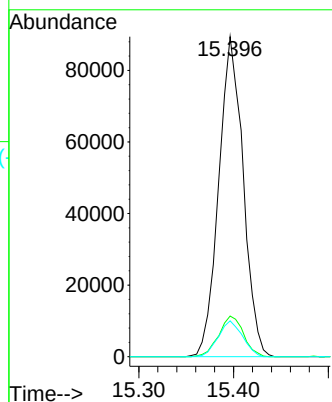
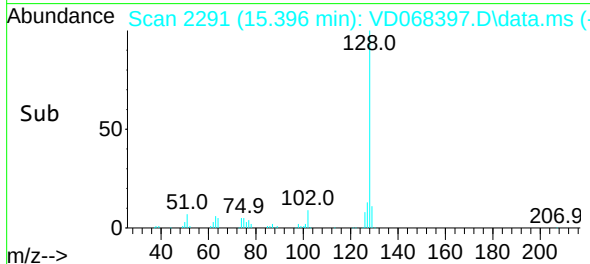




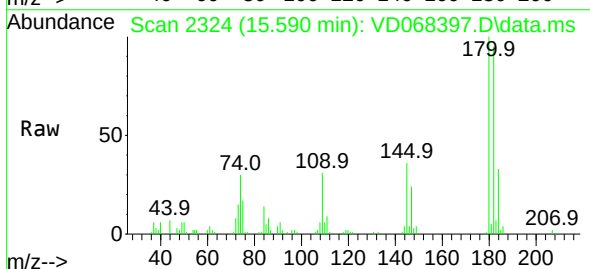
#95
Naphthalene
Concen: 19.81 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



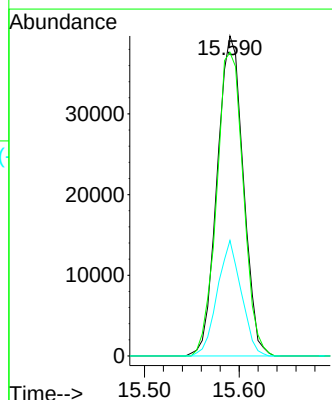
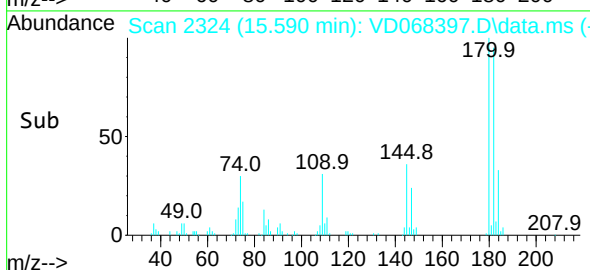
Tgt Ion:128 Resp: 160067
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.05 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068397.D
Acq: 19 Feb 2021 13:49



Tgt Ion:180 Resp: 76008
Ion Ratio Lower Upper
180 100
182 97.0 48.3 144.8
145 33.2 16.7 50.1



Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:58:04 PM