

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022221\
 Data File : VD068412.D
 Acq On : 22 Feb 2021 11:05
 Operator : VA/SY
 Sample : VD0222SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/23/2021 1:04:49 PM

Quant Time: Feb 22 15:16:54 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	7.985	168	373107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	645222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	583326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	267894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	196774	51.59	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.18%			
35) Dibromofluoromethane	7.920	113	201620	52.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.28%			
50) Toluene-d8	10.338	98	819269	51.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.22%			
62) 4-Bromofluorobenzene	12.632	95	260623	50.40	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	70287	20.56	ug/l	98
3) Chloromethane	2.209	50	83881	20.61	ug/l	92
4) Vinyl Chloride	2.350	62	99456	20.41	ug/l	98
5) Bromomethane	2.756	94	70955	20.37	ug/l	97
6) Chloroethane	2.920	64	66412	20.87	ug/l	95
7) Trichlorofluoromethane	3.279	101	123564	20.60	ug/l	98
8) Diethyl Ether	3.708	74	35845	20.35	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	76864	21.06	ug/l	94
10) Methyl Iodide	4.303	142	64091	18.70	ug/l	97
11) Tert butyl alcohol	5.226	59	19938	104.26	ug/l #	95
12) 1,1-Dichloroethene	4.067	96	71132	20.05	ug/l	91
13) Acrolein	3.932	56	17720	81.03	ug/l	99
14) Allyl chloride	4.708	41	93620	20.29	ug/l	97
15) Acrylonitrile	5.420	53	77934	102.51	ug/l	98
16) Acetone	4.161	43	65175	110.75	ug/l	93
17) Carbon Disulfide	4.408	76	206868	20.13	ug/l	99
18) Methyl Acetate	4.714	43	29432	18.22	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	158076	19.74	ug/l	93
20) Methylene Chloride	4.961	84	94075	21.26	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	82723	20.14	ug/l	87
22) Diisopropyl ether	6.361	45	209971	20.57	ug/l #	94
23) Vinyl Acetate	6.308	43	521386	98.90	ug/l	97
24) 1,1-Dichloroethane	6.267	63	145255	20.79	ug/l	98
25) 2-Butanone	7.214	43	83217	101.14	ug/l	97
26) 2,2-Dichloropropane	7.208	77	124717	20.87	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	95220	20.40	ug/l	93
28) Bromochloromethane	7.549	49	57529	19.86	ug/l	81
29) Tetrahydrofuran	7.561	42	51310	96.41	ug/l	98
30) Chloroform	7.708	83	152387	20.97	ug/l	94
31) Cyclohexane	7.985	56	130923	22.02	ug/l	92
32) 1,1,1-Trichloroethane	7.902	97	129641	20.65	ug/l	95
36) 1,1-Dichloropropene	8.114	75	115658	20.26	ug/l	97
37) Ethyl Acetate	7.297	43	39205	20.33	ug/l	97
38) Carbon Tetrachloride	8.096	117	113515	20.85	ug/l	98
39) Methylcyclohexane	9.355	83	143761	20.53	ug/l	95
40) Benzene	8.349	78	335870	20.63	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022221\
 Data File : VD068412.D
 Acq On : 22 Feb 2021 11:05
 Operator : VA/SY
 Sample : VD0222SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/23/2021 1:04:49 PM

Quant Time: Feb 22 15:16:54 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	18753m	16.89	ug/l	
42) 1,2-Dichloroethane	8.426	62	90701	20.88	ug/l	99
43) Isopropyl Acetate	8.455	43	72823	19.71	ug/l	98
44) Trichloroethene	9.114	130	92814	20.95	ug/l	95
45) 1,2-Dichloropropane	9.391	63	83333	20.98	ug/l	96
46) Dibromomethane	9.479	93	43048	19.97	ug/l	94
47) Bromodichloromethane	9.661	83	117079	20.95	ug/l	95
48) Methyl methacrylate	9.455	41	37095	20.12	ug/l	93
49) 1,4-Dioxane	9.461	88	8925	354.45	ug/l #	81
51) 4-Methyl-2-Pentanone	10.232	43	187660	98.92	ug/l	98
52) Toluene	10.402	92	215328	20.57	ug/l	94
53) t-1,3-Dichloropropene	10.620	75	110141	21.30	ug/l	93
54) cis-1,3-Dichloropropene	10.091	75	128839	20.39	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	60982	20.48	ug/l	96
56) Ethyl methacrylate	10.661	69	70209	19.87	ug/l	98
57) 1,3-Dichloropropane	10.949	76	105747	20.24	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.943	63	194177	102.65	ug/l	92
59) 2-Hexanone	10.985	43	132917	103.65	ug/l	99
60) Dibromochloromethane	11.137	129	75878	20.54	ug/l	99
61) 1,2-Dibromoethane	11.249	107	57265	19.90	ug/l	98
64) Tetrachloroethene	10.879	164	74385	20.72	ug/l	97
65) Chlorobenzene	11.673	112	236760	21.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	80745	20.63	ug/l	97
67) Ethyl Benzene	11.743	91	418761	20.82	ug/l	99
68) m/p-Xylenes	11.849	106	315312	41.49	ug/l	98
69) o-Xylene	12.179	106	146741	21.05	ug/l	94
70) Styrene	12.196	104	250316	20.64	ug/l	99
71) Bromoform	12.361	173	40793	20.29	ug/l #	98
73) Isopropylbenzene	12.479	105	407904	20.85	ug/l	98
74) N-amyl acetate	12.290	43	67229	19.46	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	68482	20.19	ug/l	97
76) 1,2,3-Trichloropropane	12.784	75	51250m	20.10	ug/l	
77) Bromobenzene	12.761	156	90525	20.71	ug/l	91
78) n-propylbenzene	12.820	91	490123	20.92	ug/l	97
79) 2-Chlorotoluene	12.908	91	266895	20.57	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	332355	20.78	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.532	75	19434	19.11	ug/l	96
82) 4-Chlorotoluene	13.002	91	278007	20.27	ug/l	98
83) tert-Butylbenzene	13.220	119	284460	20.51	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	327332	20.55	ug/l	98
85) sec-Butylbenzene	13.402	105	410046	21.14	ug/l	98
86) p-Isopropyltoluene	13.514	119	367947	21.13	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	173188	20.48	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	172245	20.47	ug/l	99
89) n-Butylbenzene	13.843	91	354378	20.85	ug/l	97
90) Hexachloroethane	14.108	117	65226	20.63	ug/l	92
91) 1,2-Dichlorobenzene	13.890	146	150332	20.50	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9774	19.71	ug/l	92
93) 1,2,4-Trichlorobenzene	15.161	180	99635	20.74	ug/l	100
94) Hexachlorobutadiene	15.267	225	57208	21.65	ug/l	98
95) Naphthalene	15.396	128	177885	19.92	ug/l	100
96) 1,2,3-Trichlorobenzene	15.596	180	81657	19.49	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022221\
Data File : VD068412.D
Acq On : 22 Feb 2021 11:05
Operator : VA/SY
Sample : VD0222SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:04:49 PM

Quant Time: Feb 22 15:16:54 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

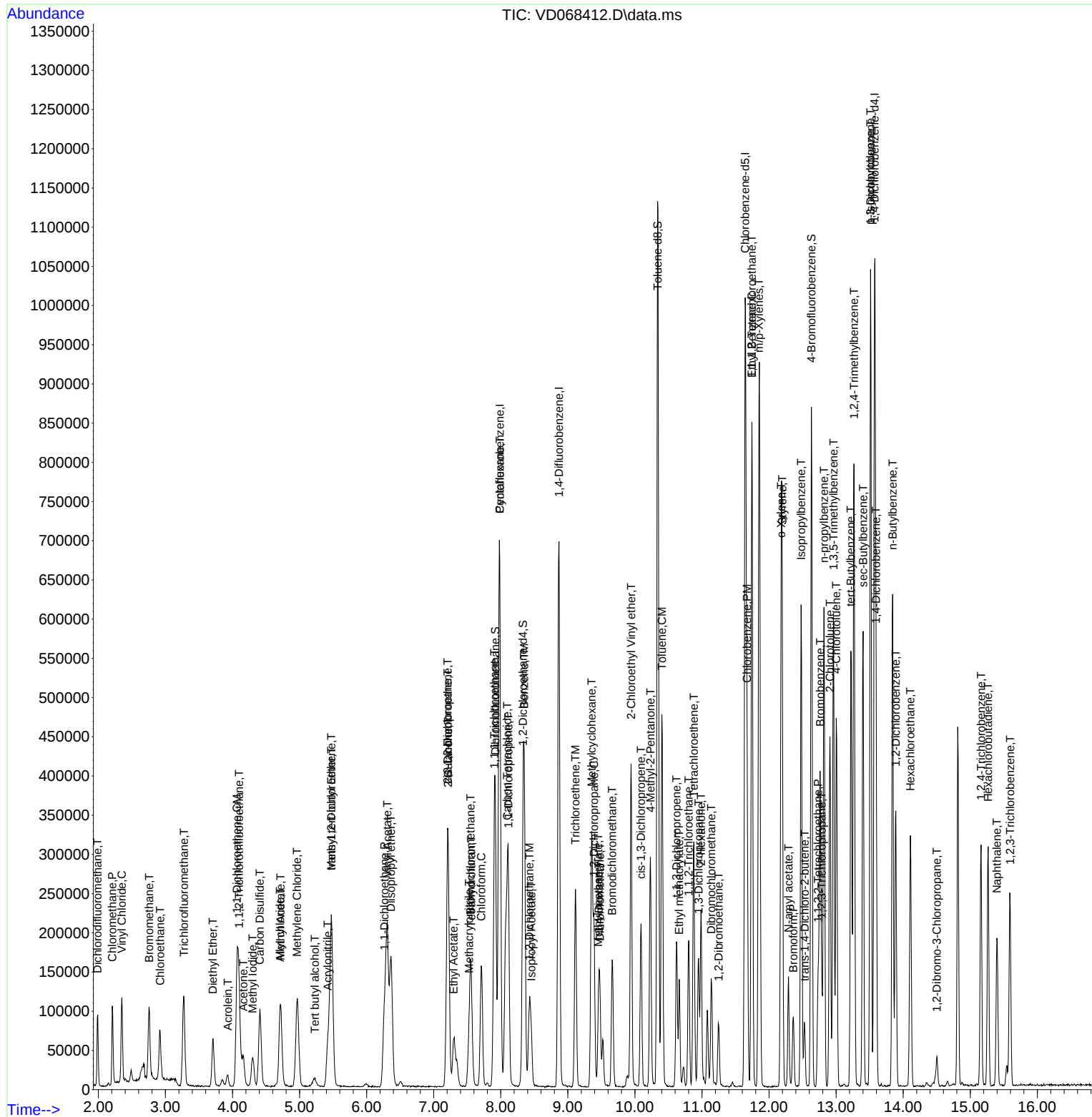
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022221\
Data File : VD068412.D
Acq On : 22 Feb 2021 11:05
Operator : VA/SY
Sample : VD0222SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

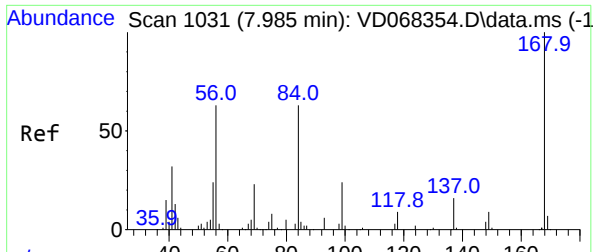
Instrument :
MSVOA_D
Client Sample Id :
VD0222SBS01

Manual Integrations
APPROVED

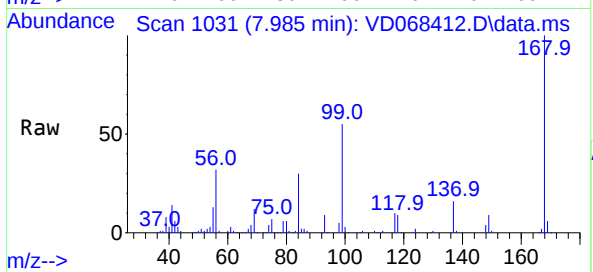
MMDadoda
2/23/2021 1:04:49 PM

Quant Time: Feb 22 15:16:54 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

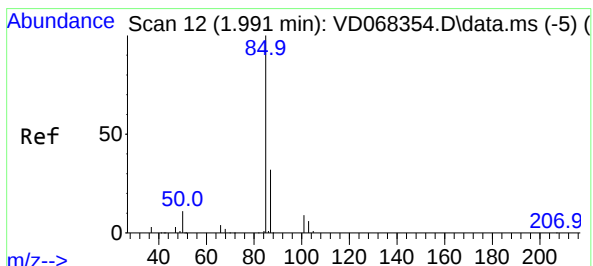
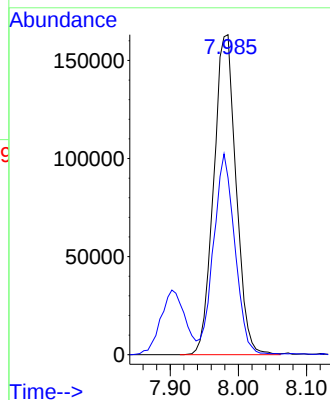
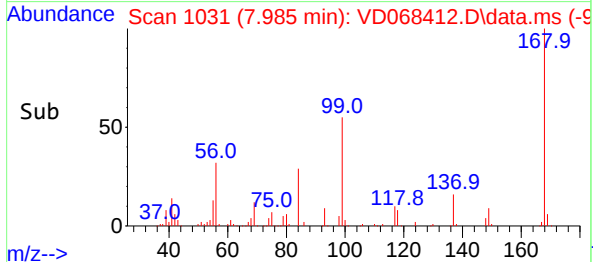




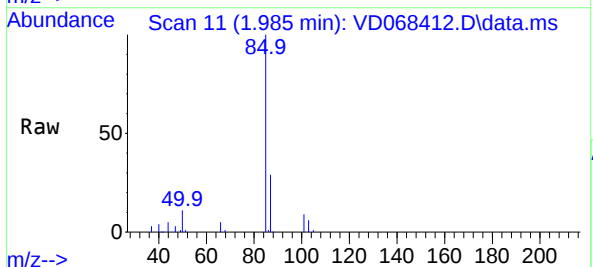
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



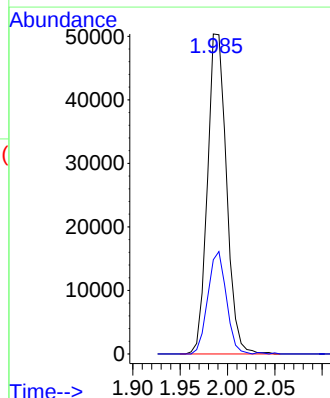
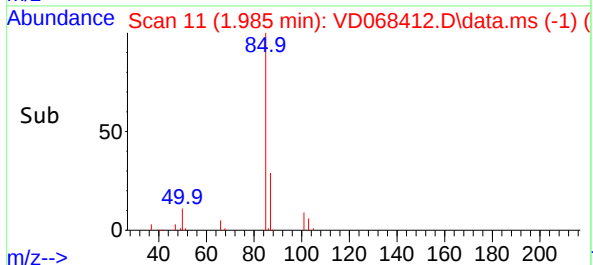
Tgt Ion: 168 Resp: 373107
Ion Ratio Lower Upper
168 100
99 55.1 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 20.56 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



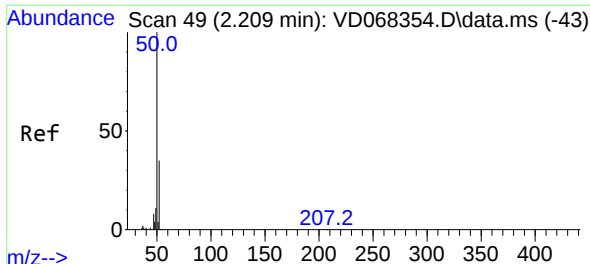
Tgt Ion: 85 Resp: 70287
Ion Ratio Lower Upper
85 100
87 29.4 15.4 46.1



Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:04:49 PM



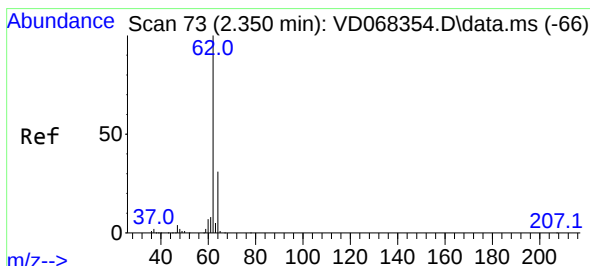
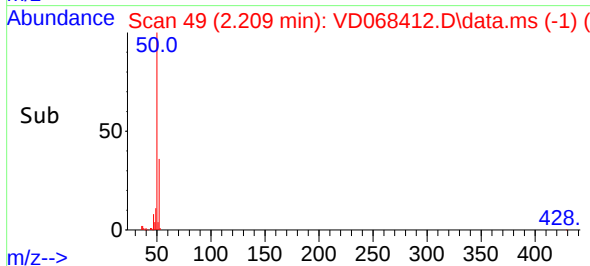
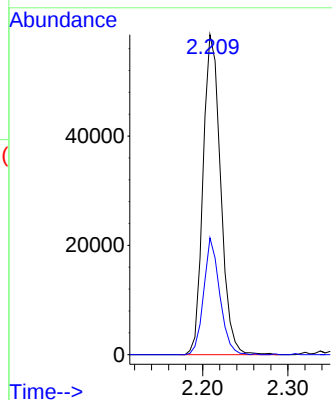
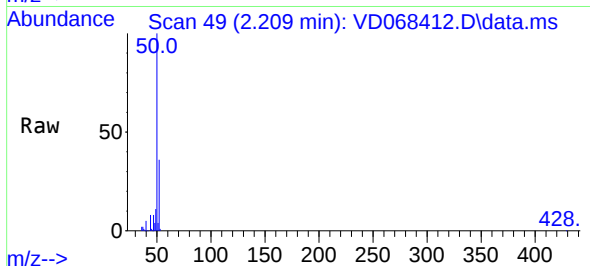
#3
Chloromethane
Concen: 20.61 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 50 Resp: 83881
Ion Ratio Lower Upper
50 100
52 36.5 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

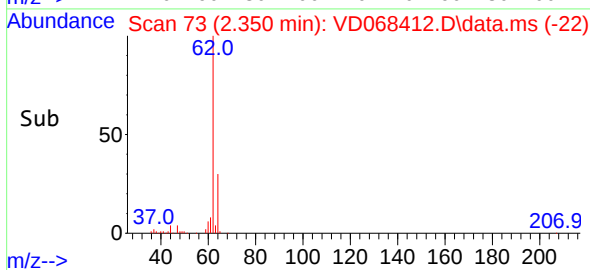
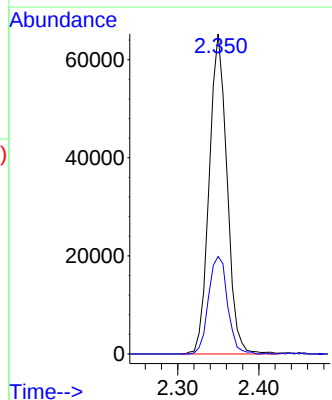
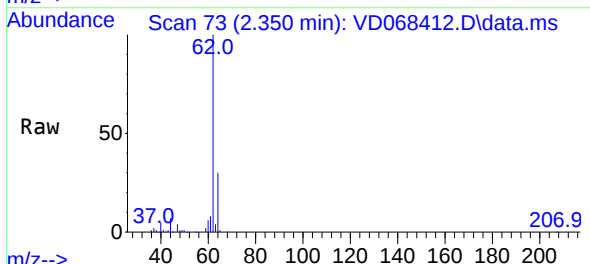
Manual Integrations
APPROVED

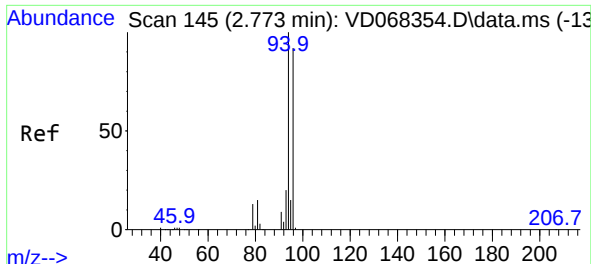
MMDadoda
2/23/2021 1:04:49 PM



#4
Vinyl Chloride
Concen: 20.41 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

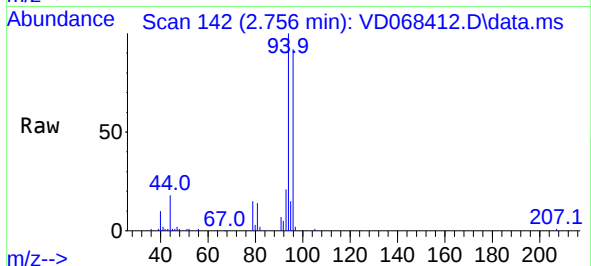
Tgt Ion: 62 Resp: 99456
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.2





#5
Bromomethane
Concen: 20.37 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.018 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

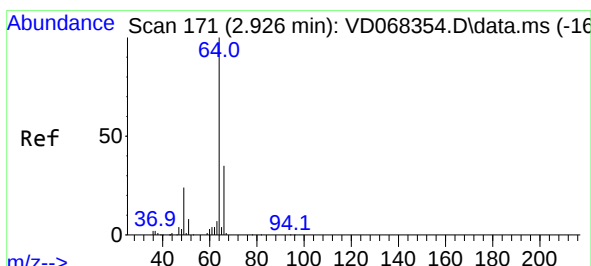
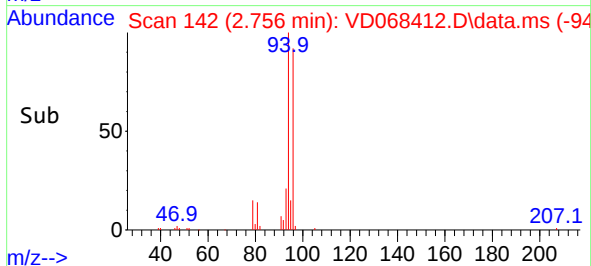
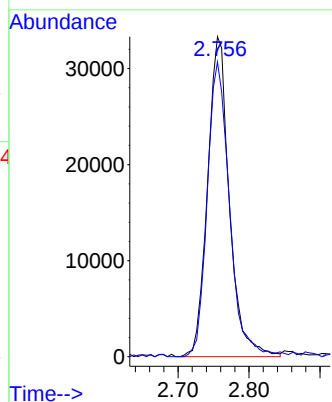
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



Tgt Ion: 94 Resp: 70955
Ion Ratio Lower Upper
94 100
96 92.1 75.8 113.8

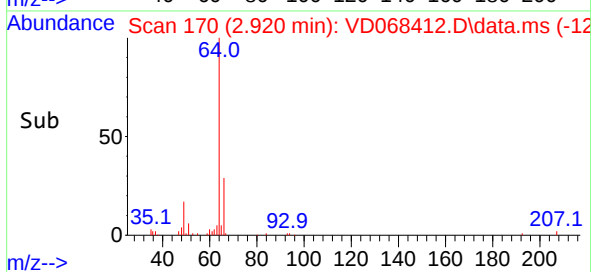
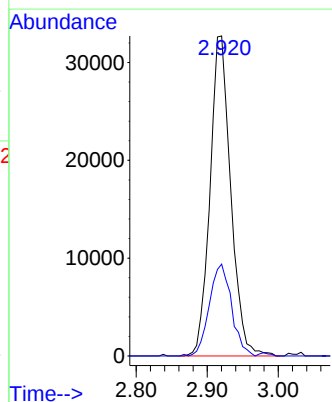
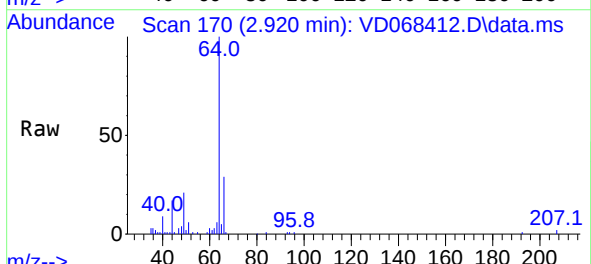
Manual Integrations
APPROVED

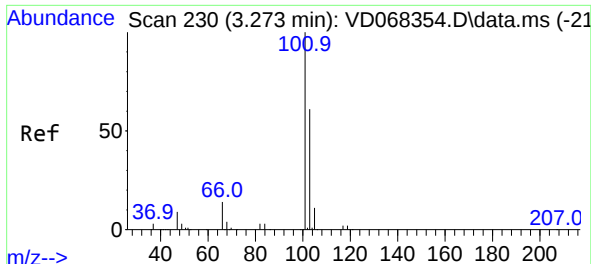
MMDadoda
2/23/2021 1:04:49 PM



#6
Chloroethane
Concen: 20.87 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

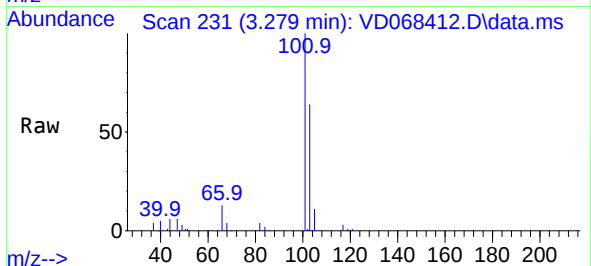
Tgt Ion: 64 Resp: 66412
Ion Ratio Lower Upper
64 100
66 28.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 20.60 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

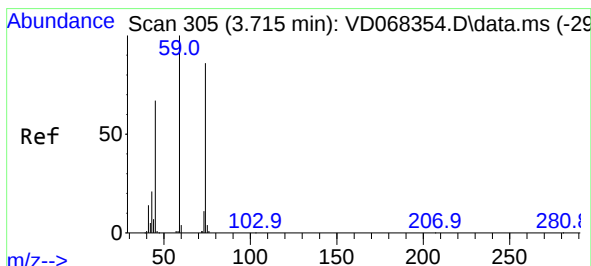
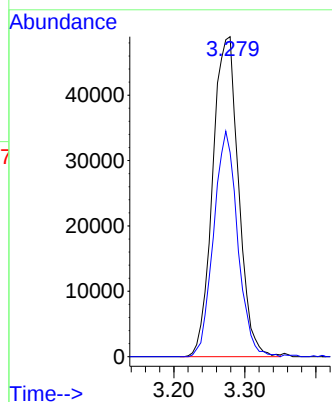
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



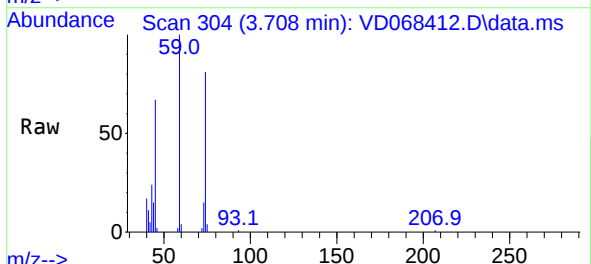
Tgt Ion:101 Resp: 123564
Ion Ratio Lower Upper
101 100
103 63.8 52.0 78.0

Manual Integrations
APPROVED

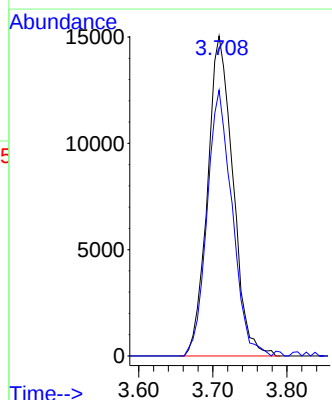
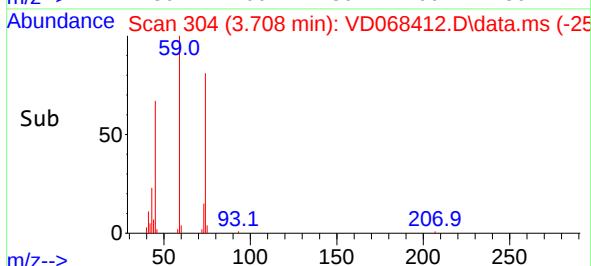
MMDadoda
2/23/2021 1:04:49 PM

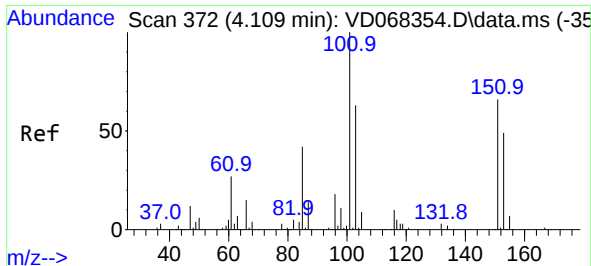


#8
Diethyl Ether
Concen: 20.35 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



Tgt Ion: 74 Resp: 35845
Ion Ratio Lower Upper
74 100
45 82.0 42.1 126.4





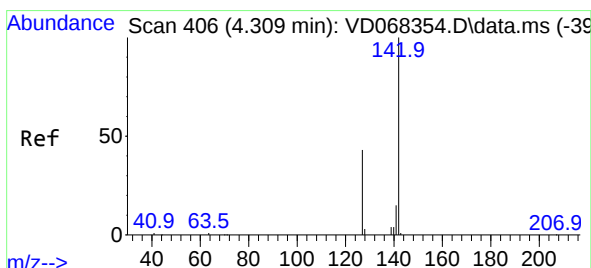
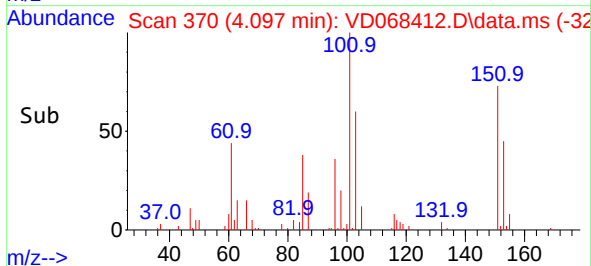
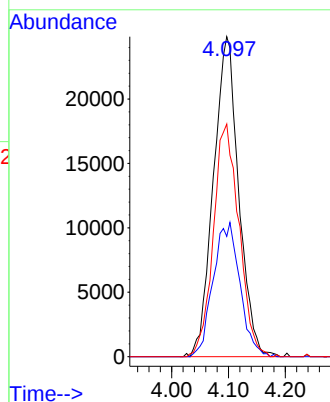
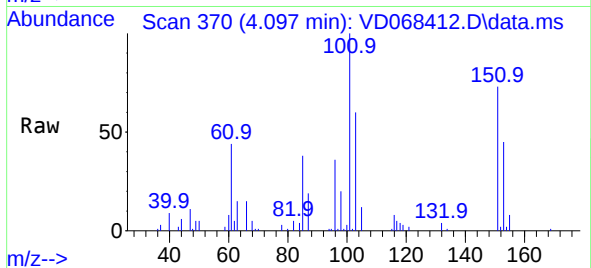
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.06 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.012 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:	101	Resp:	76864
Ion	Ratio	Lower	Upper
101	100		
85	44.3	34.0	51.0
151	73.6	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

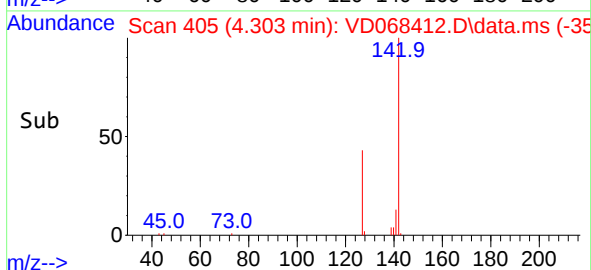
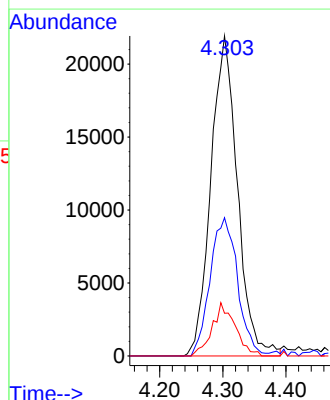
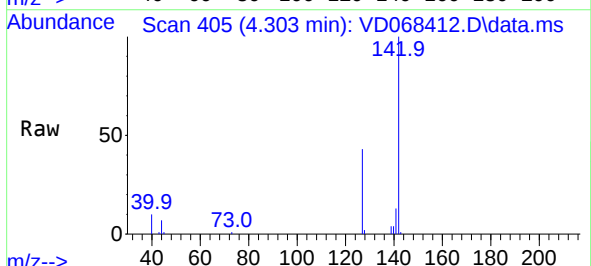
Manual Integrations
APPROVED

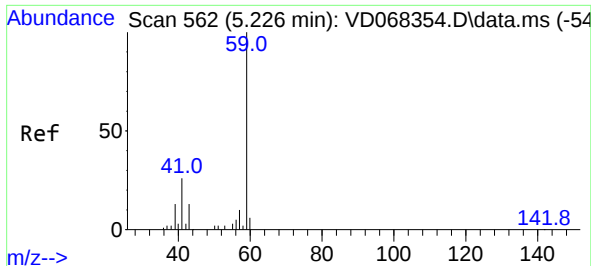
MMDadoda
2/23/2021 1:04:49 PM



#10
Methyl Iodide
Concen: 18.70 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

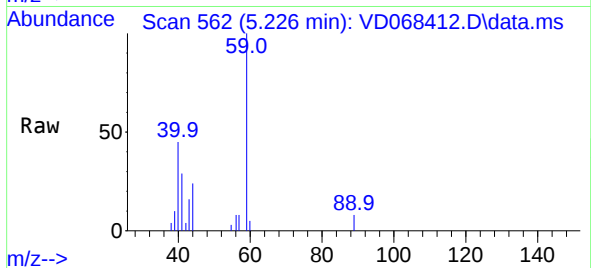
Tgt Ion:	142	Resp:	64091
Ion	Ratio	Lower	Upper
142	100		
127	44.7	37.9	56.9
141	14.4	11.5	17.3





#11
Tert butyl alcohol
Concen: 104.26 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

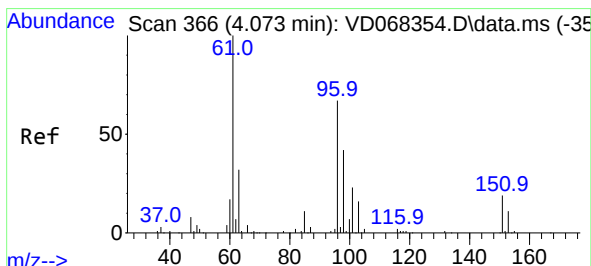
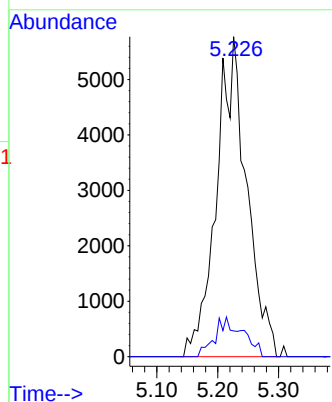
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



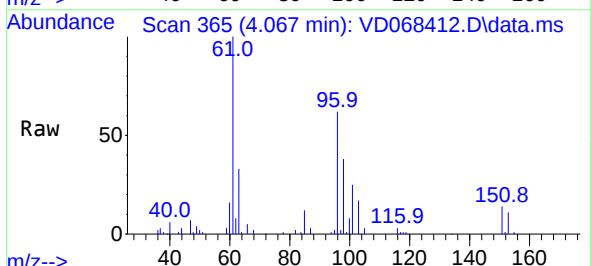
Tgt Ion: 59 Resp: 19938
Ion Ratio Lower Upper
59 100
57 11.3 7.4 11.2#

Manual Integrations
APPROVED

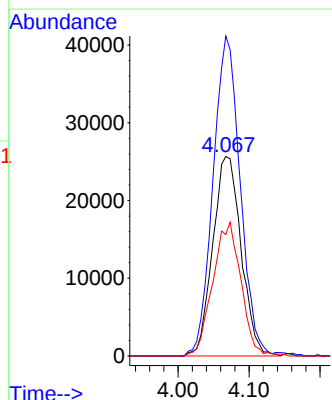
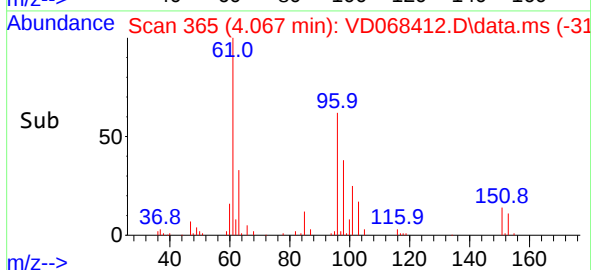
MMDadoda
2/23/2021 1:04:49 PM

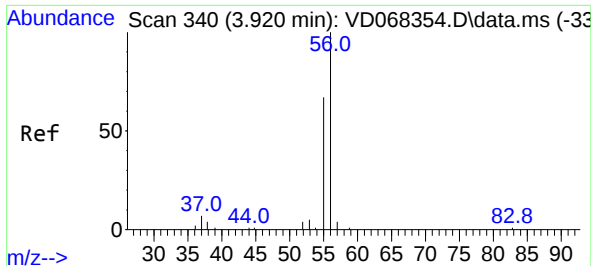


#12
1,1-Dichloroethene
Concen: 20.05 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



Tgt Ion: 96 Resp: 71132
Ion Ratio Lower Upper
96 100
61 160.4 116.2 174.4
98 60.9 48.6 73.0





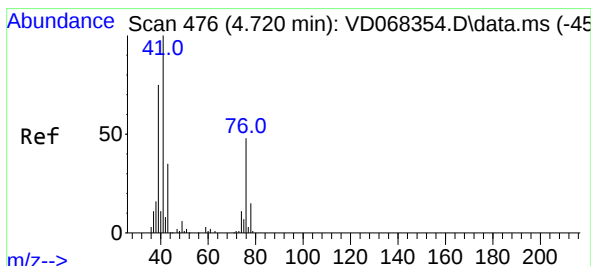
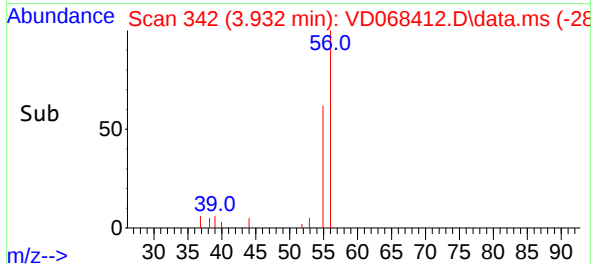
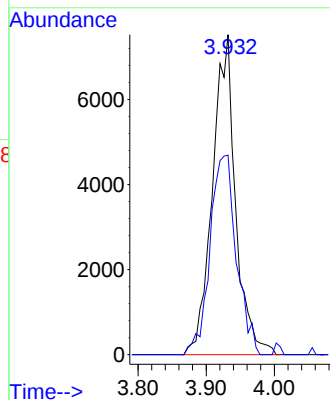
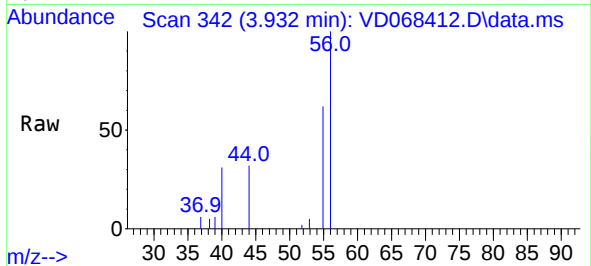
#13
Acrolein
Concen: 81.03 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.012 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 56 Resp: 17720
Ion Ratio Lower Upper
56 100
55 71.3 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

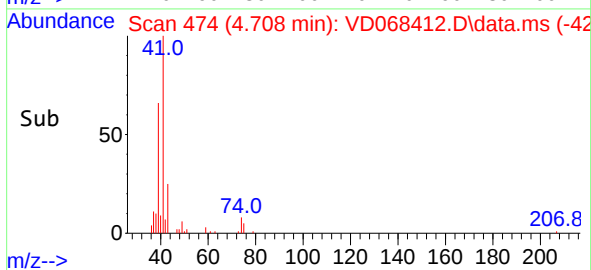
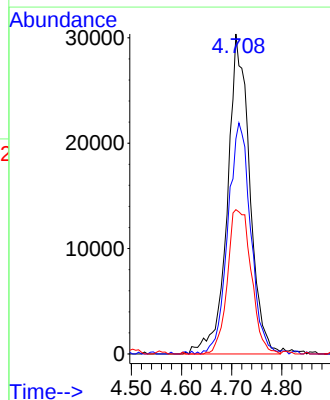
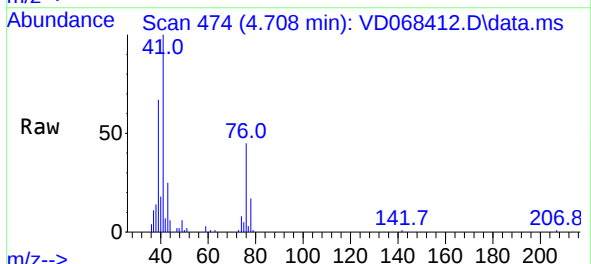
Manual Integrations
APPROVED

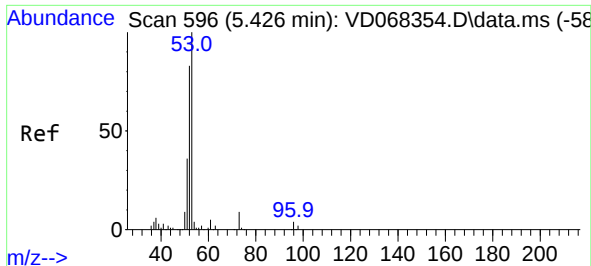
MMDadoda
2/23/2021 1:04:49 PM



#14
Allyl chloride
Concen: 20.29 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 41 Resp: 93620
Ion Ratio Lower Upper
41 100
39 74.2 56.3 84.5
76 48.3 38.9 58.3





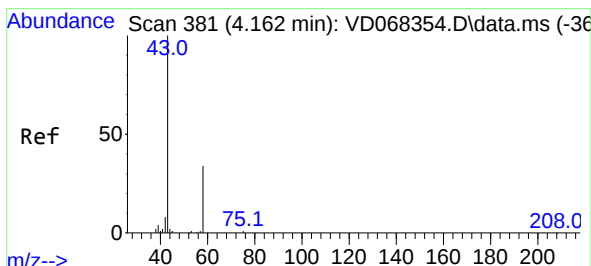
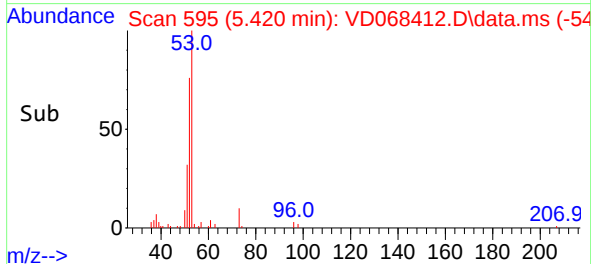
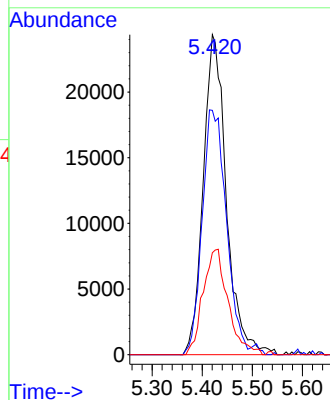
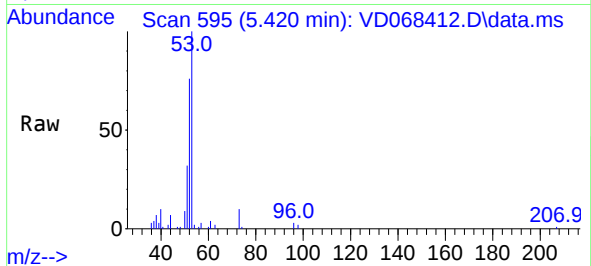
#15
Acrylonitrile
Concen: 102.51 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:	53	Resp:	77934
Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.2	99.2
51	35.6	29.0	43.4

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

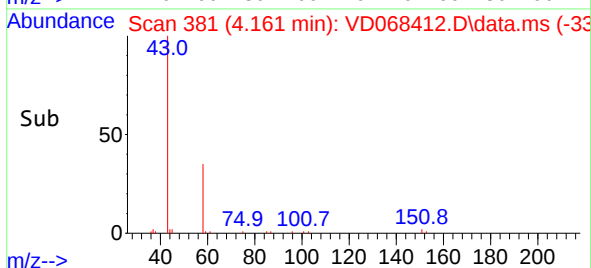
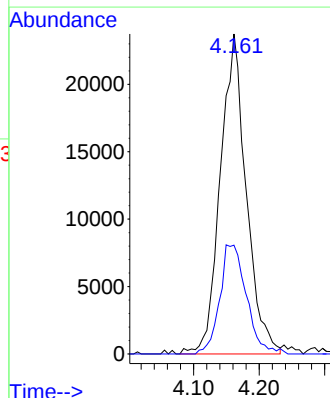
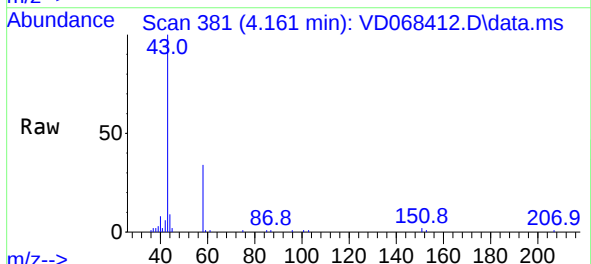
Manual Integrations
APPROVED

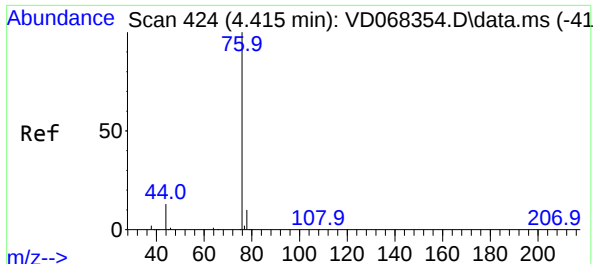
MMDadoda
2/23/2021 1:04:49 PM



#16
Acetone
Concen: 110.75 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:	43	Resp:	65175
Ion	Ratio	Lower	Upper
43	100		
58	34.0	24.2	36.4





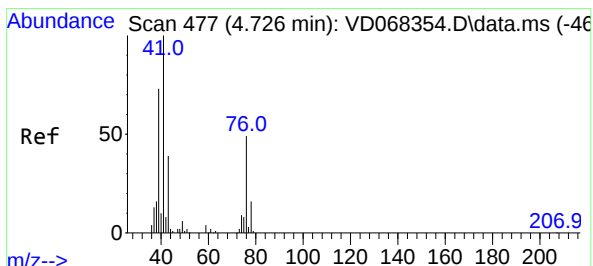
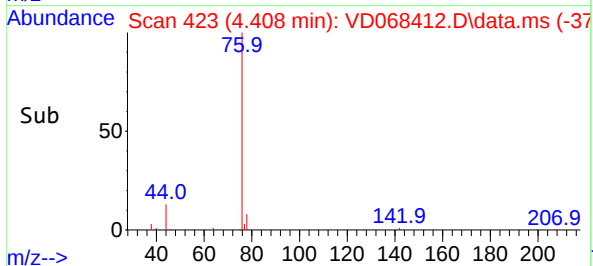
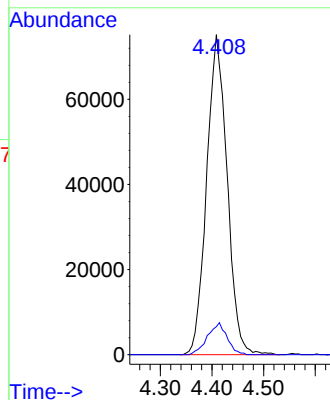
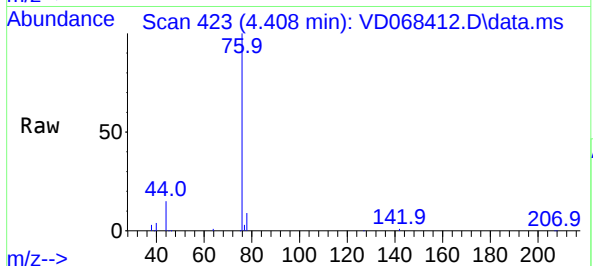
#17
Carbon Disulfide
Concen: 20.13 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 76 Resp: 206868
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

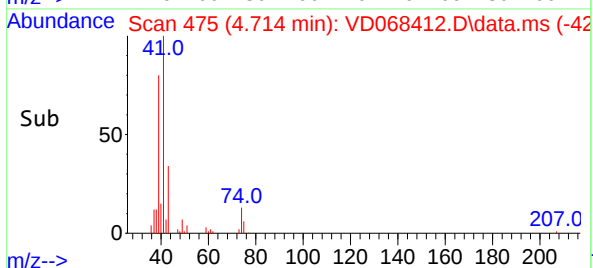
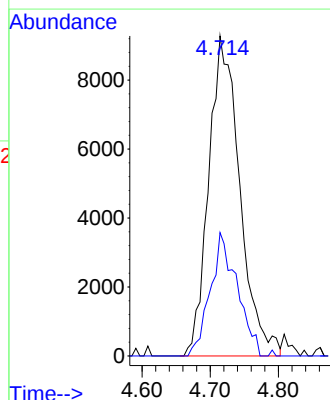
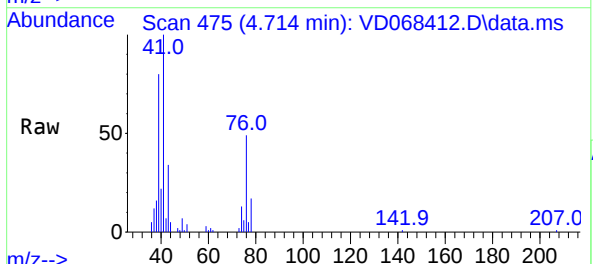
Manual Integrations
APPROVED

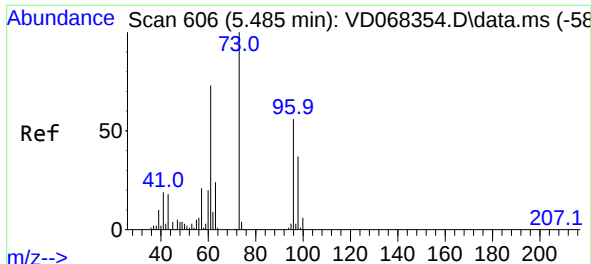
MMDadoda
2/23/2021 1:04:49 PM



#18
Methyl Acetate
Concen: 18.22 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.012 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 43 Resp: 29432
Ion Ratio Lower Upper
43 100
74 33.4 25.4 38.0





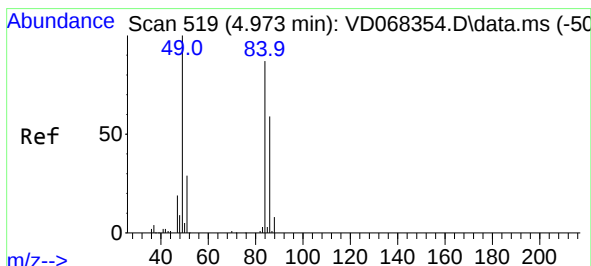
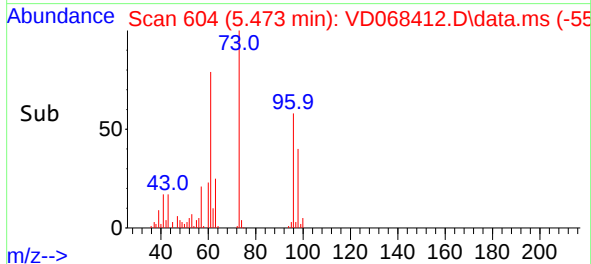
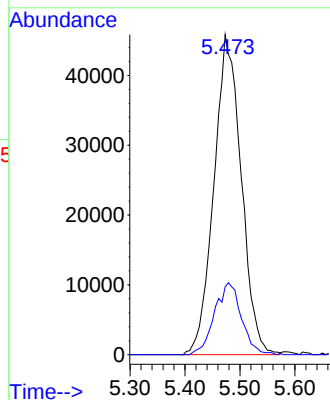
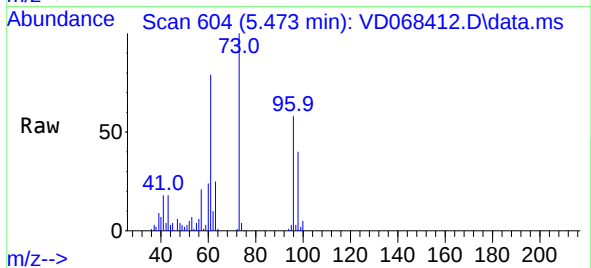
#19
Methyl tert-butyl Ether
Concen: 19.74 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 73 Resp: 158076
Ion Ratio Lower Upper
73 100
57 21.2 14.4 21.6

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

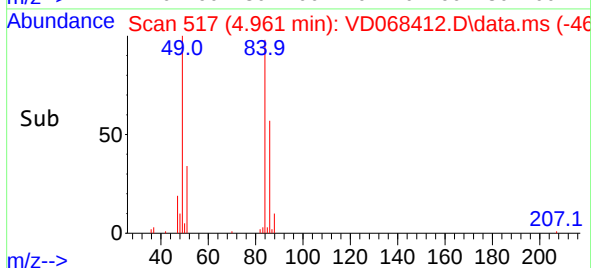
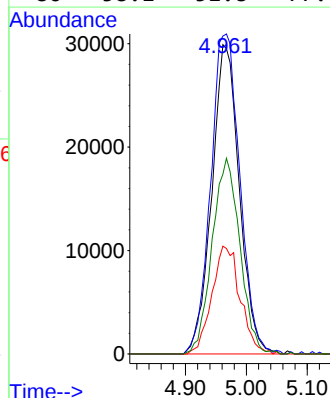
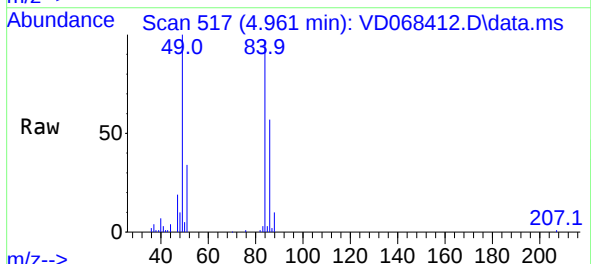
Manual Integrations
APPROVED

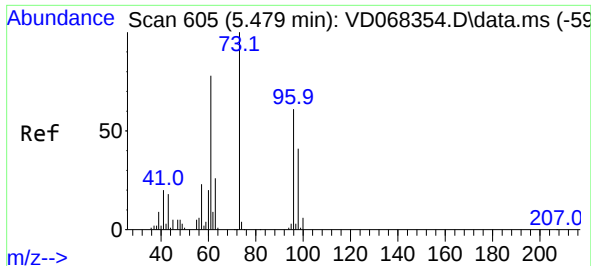
MMDadoda
2/23/2021 1:04:49 PM



#20
Methylene Chloride
Concen: 21.26 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

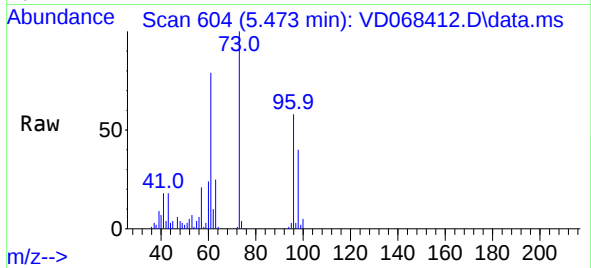
Tgt Ion: 84 Resp: 94075
Ion Ratio Lower Upper
84 100
49 102.8 77.4 116.2
51 34.9 26.1 39.1
86 58.1 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 20.14 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

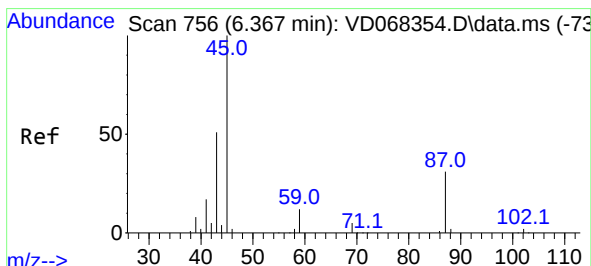
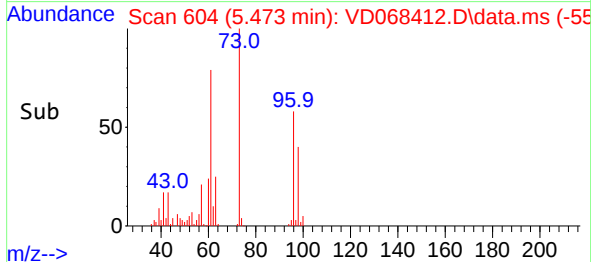
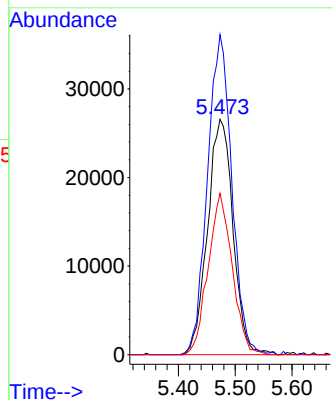
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



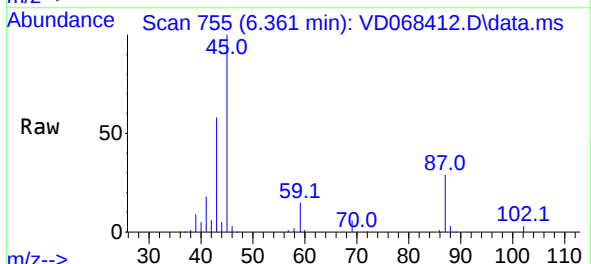
Tgt Ion: 96 Resp: 82723
Ion Ratio Lower Upper
96 100
61 135.9 96.7 145.1
98 68.5 47.6 71.4

Manual Integrations
APPROVED

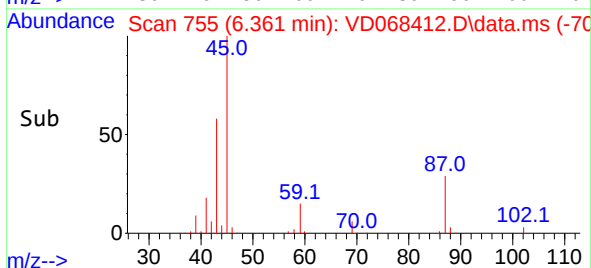
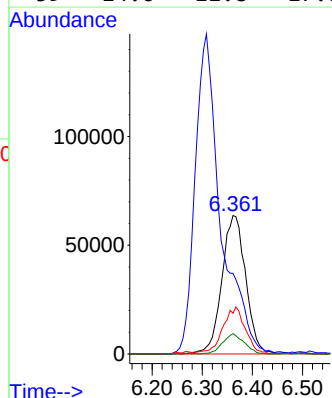
MMDadoda
2/23/2021 1:04:49 PM

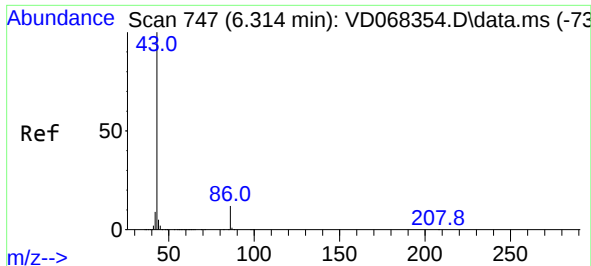


#22
Diisopropyl ether
Concen: 20.57 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



Tgt Ion: 45 Resp: 209971
Ion Ratio Lower Upper
45 100
43 56.6 43.9 65.9
87 29.0 29.9 44.9#
59 14.6 11.8 17.8





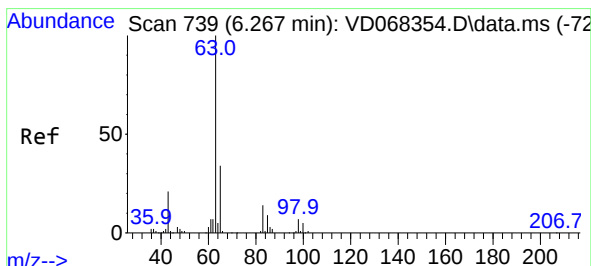
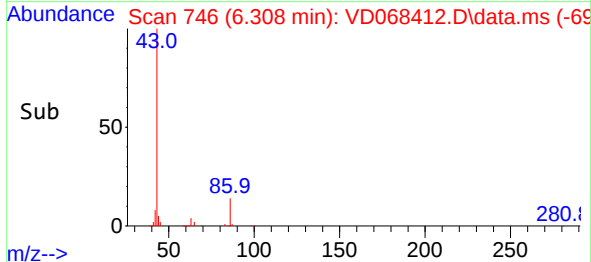
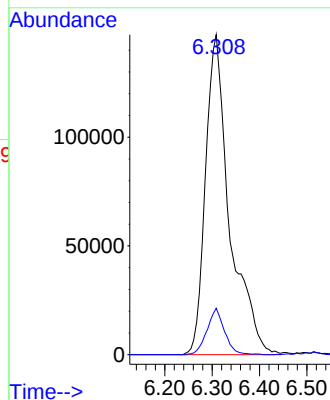
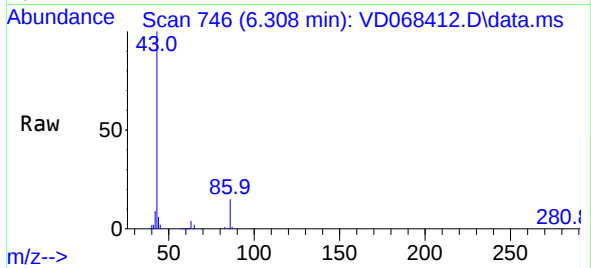
#23
 Vinyl Acetate
 Concen: 98.90 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD068412.D
 Acq: 22 Feb 2021 11:05

Tgt Ion: 43 Resp: 521386
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

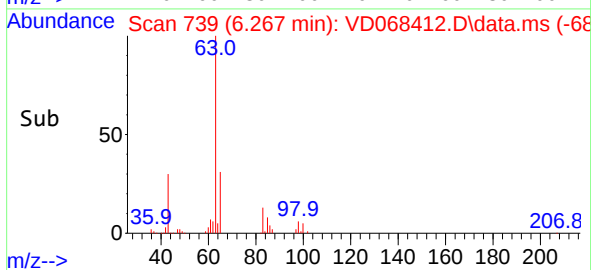
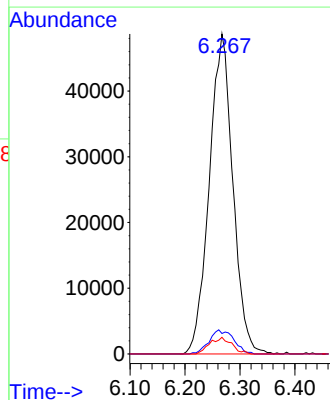
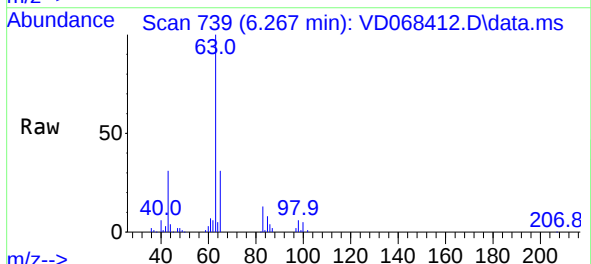
Manual Integrations
 APPROVED

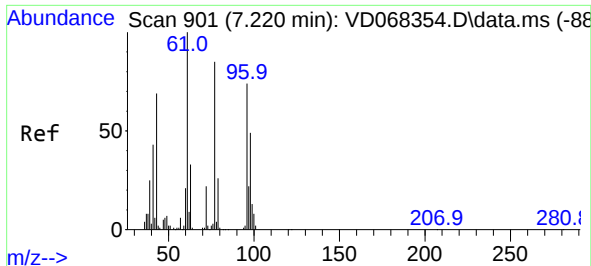
MMDadoda
 2/23/2021 1:04:49 PM



#24
 1,1-Dichloroethane
 Concen: 20.79 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD068412.D
 Acq: 22 Feb 2021 11:05

Tgt Ion: 63 Resp: 145255
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 5.2 2.6 8.0





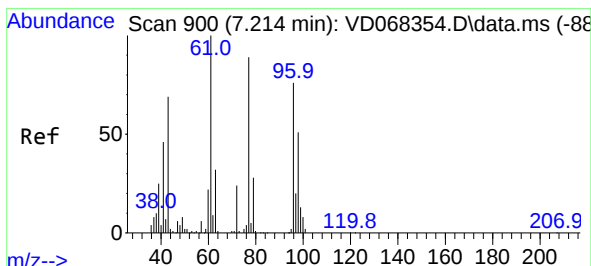
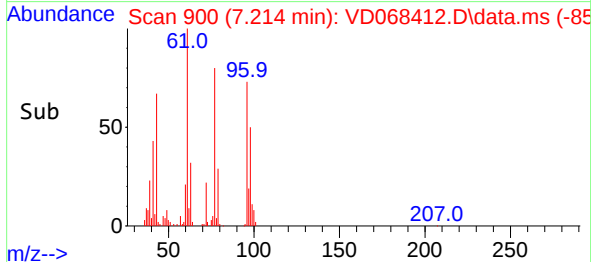
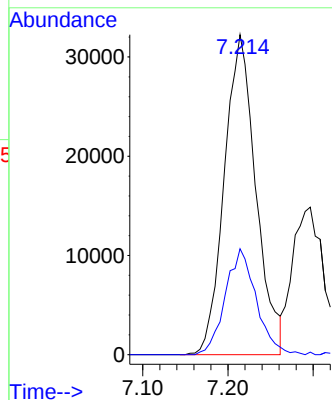
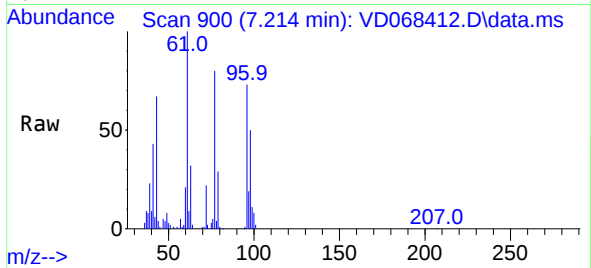
#25
2-Butanone
Concen: 101.14 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 43 Resp: 83217
Ion Ratio Lower Upper
43 100
72 33.1 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

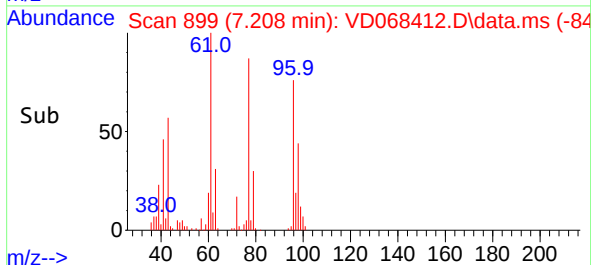
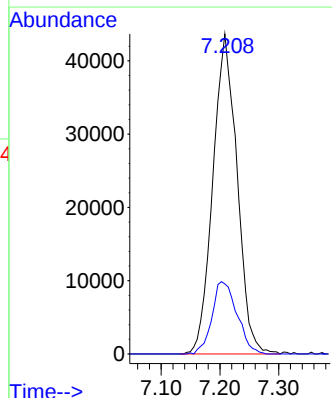
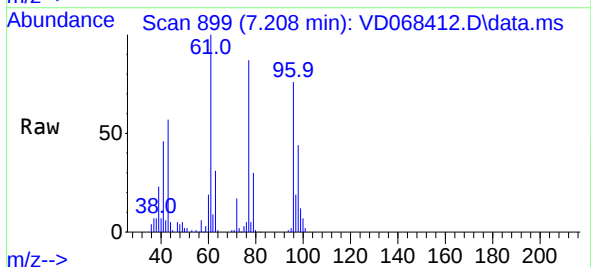
Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:04:49 PM



#26
2,2-Dichloropropane
Concen: 20.87 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

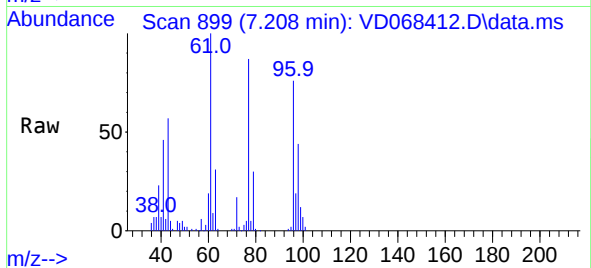
Tgt Ion: 77 Resp: 124717
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 20.40 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

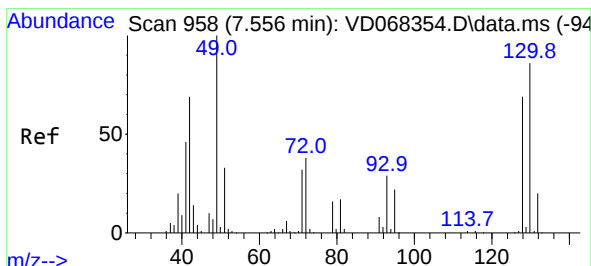
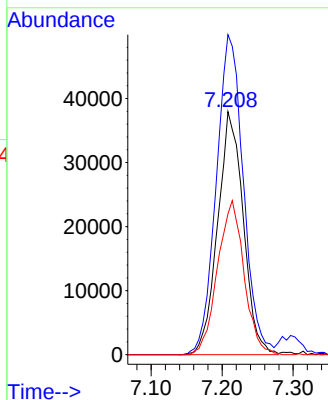
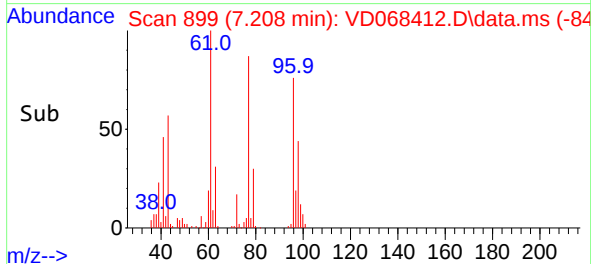
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



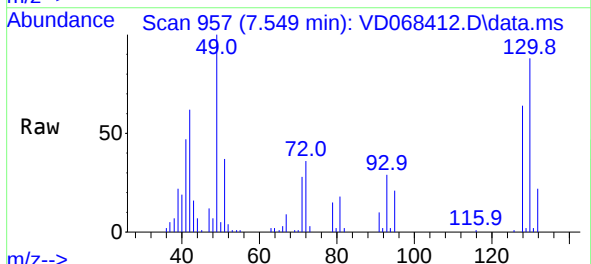
Tgt Ion: 96 Resp: 95220
Ion Ratio Lower Upper
96 100
61 138.9 0.0 257.4
98 65.5 0.0 126.6

Manual Integrations
APPROVED

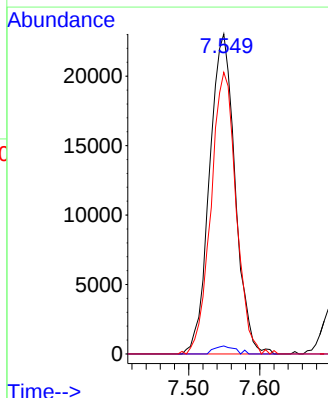
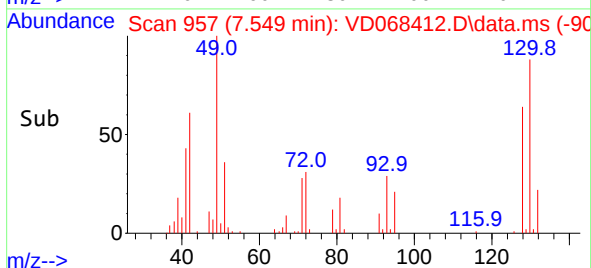
MMDadoda
2/23/2021 1:04:49 PM

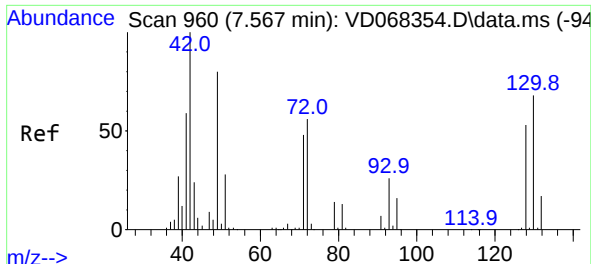


#28
Bromochloromethane
Concen: 19.86 ug/l
RT: 7.549 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



Tgt Ion: 49 Resp: 57529
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.8
130 86.5 85.5 128.3





#29

Tetrahydrofuran

Concen: 96.41 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068412.D

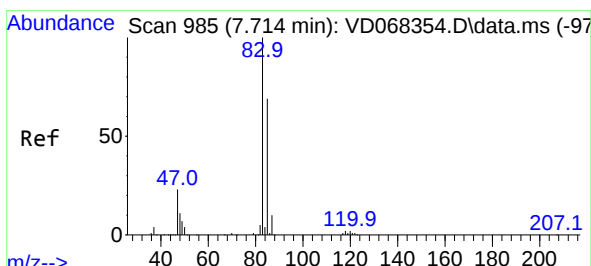
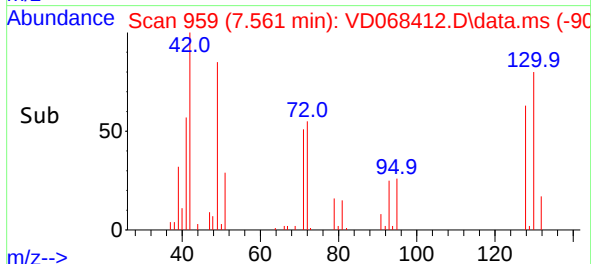
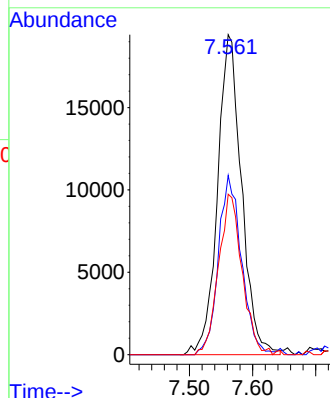
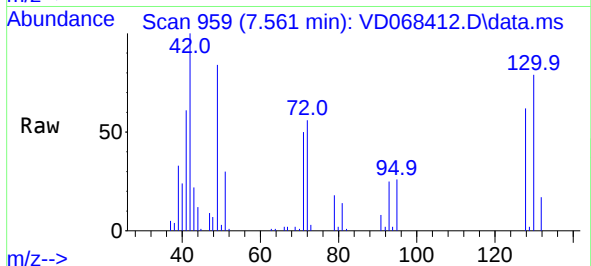
Acq: 22 Feb 2021 11:05

Tgt Ion:	42	Resp:	51310
Ion	Ratio	Lower	Upper
42	100		
72	53.8	43.4	65.0
71	49.1	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:04:49 PM



#30

Chloroform

Concen: 20.97 ug/l

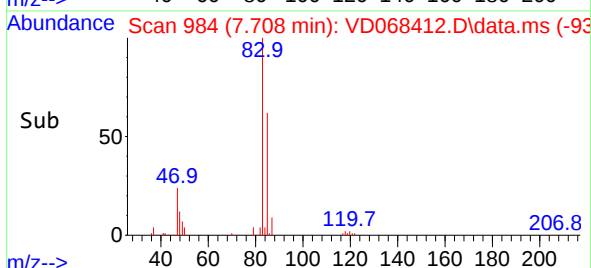
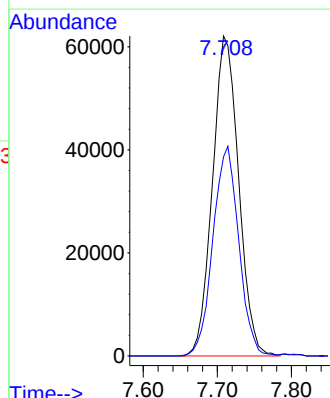
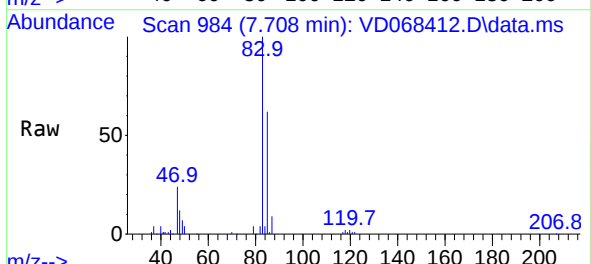
RT: 7.708 min Scan# 984

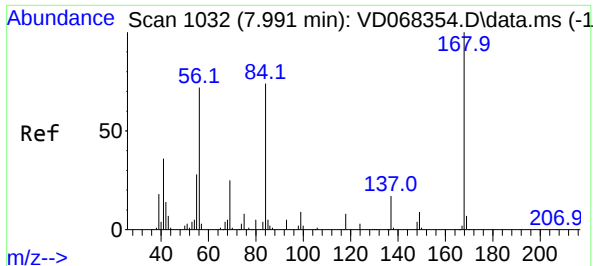
Delta R.T. -0.006 min

Lab File: VD068412.D

Acq: 22 Feb 2021 11:05

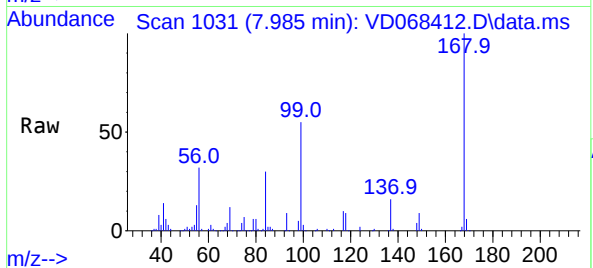
Tgt Ion:	83	Resp:	152387
Ion	Ratio	Lower	Upper
83	100		
85	62.2	53.4	80.0





#31
Cyclohexane
Concen: 22.02 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

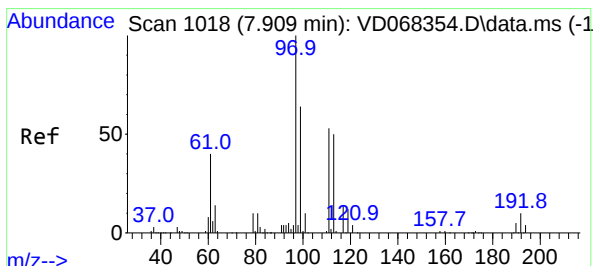
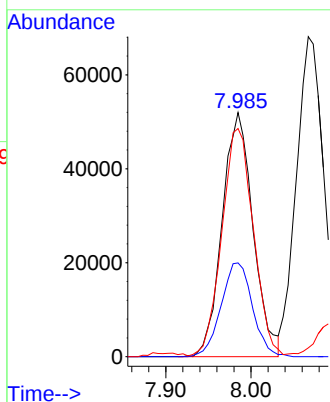
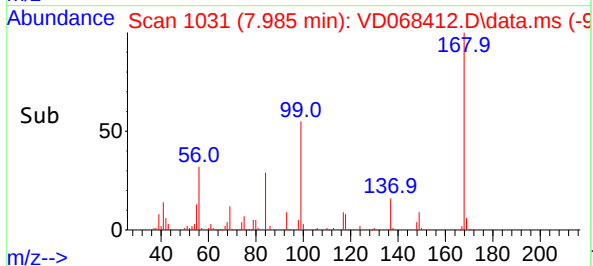
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



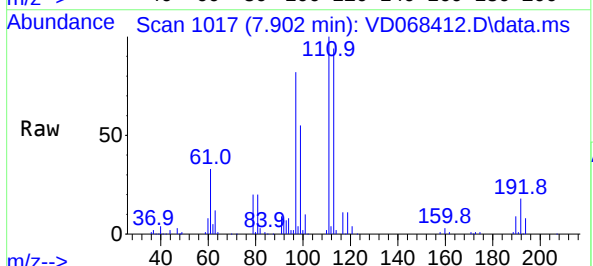
Tgt Ion: 56 Resp: 130923
Ion Ratio Lower Upper
56 100
69 38.4 30.1 45.1
84 92.6 82.1 123.1

Manual Integrations
APPROVED

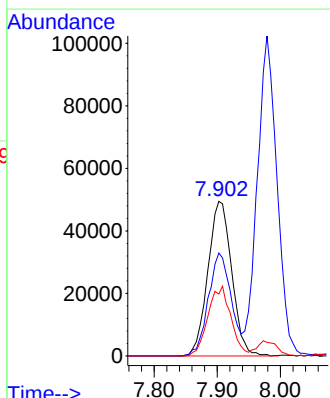
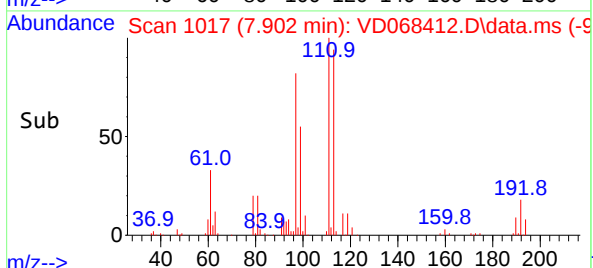
MMDadoda
2/23/2021 1:04:49 PM

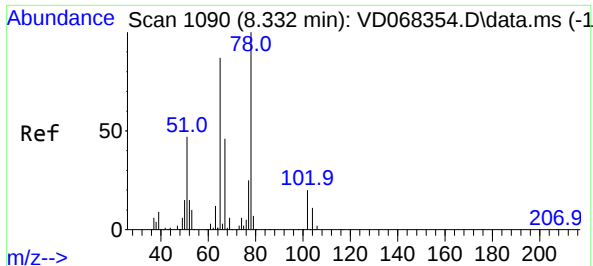


#32
1,1,1-Trichloroethane
Concen: 20.65 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

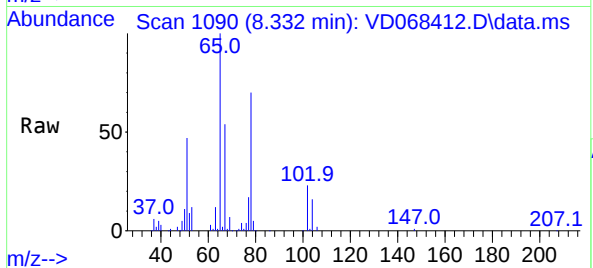


Tgt Ion: 97 Resp: 129641
Ion Ratio Lower Upper
97 100
99 63.6 52.1 78.1
61 43.4 30.1 45.1

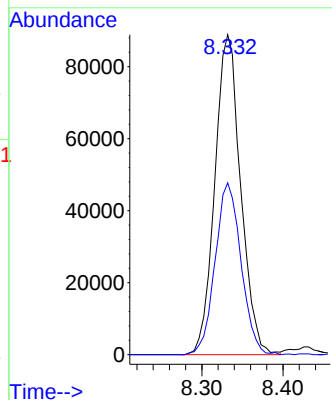




#33
1,2-Dichloroethane-d4
Concen: 51.59 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



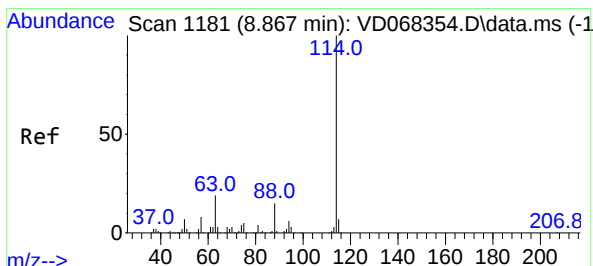
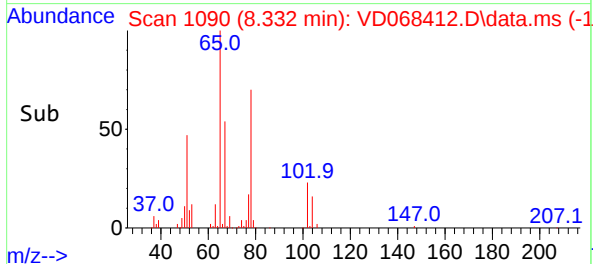
Tgt Ion: 65 Resp: 196774
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.0



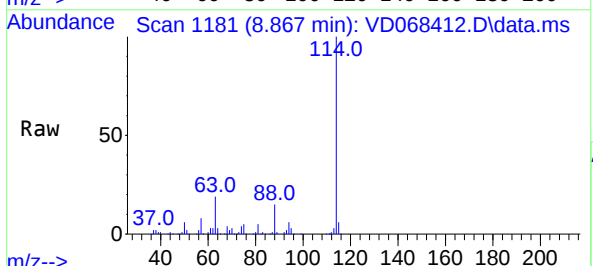
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

Manual Integrations
APPROVED

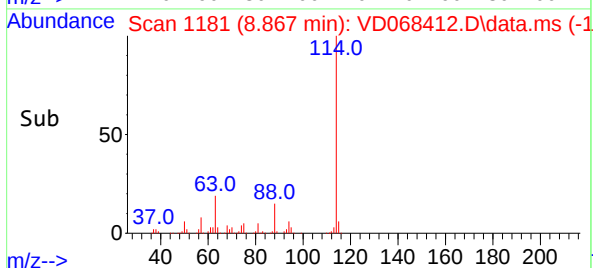
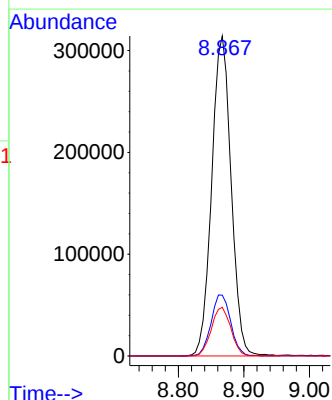
MMDadoda
2/23/2021 1:04:49 PM

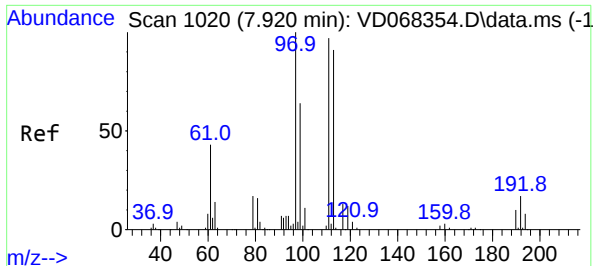


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

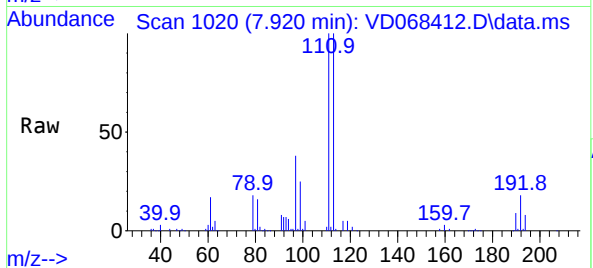


Tgt Ion: 114 Resp: 645222
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.8
88 15.2 0.0 31.6

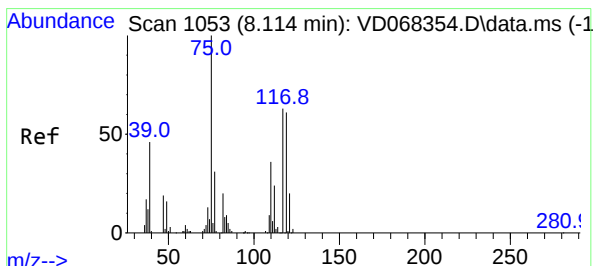
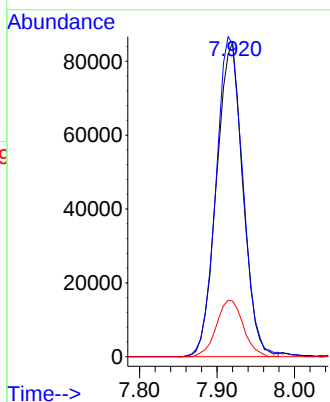
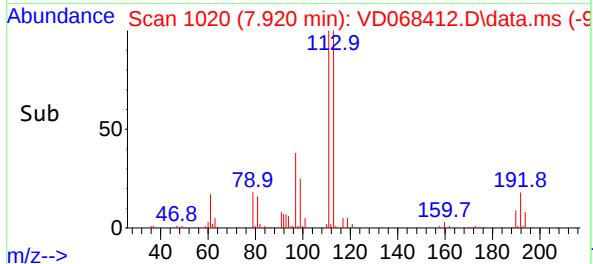




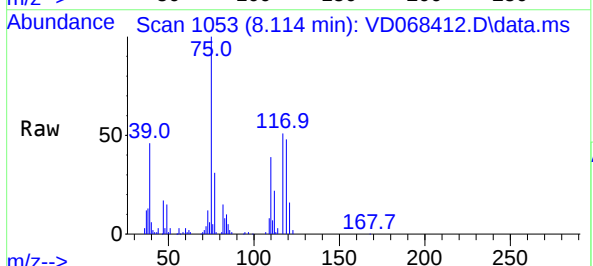
#35
Dibromofluoromethane
Concen: 52.64 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



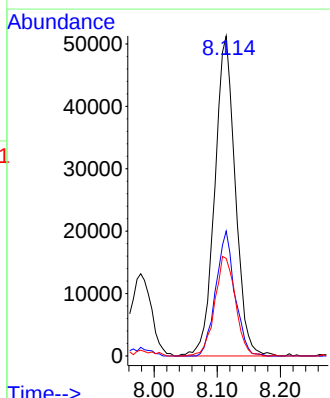
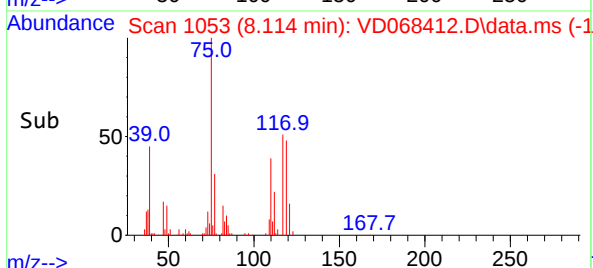
Tgt Ion:113 Resp: 201620
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.3 16.1 24.1



#36
1,1-Dichloropropene
Concen: 20.26 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



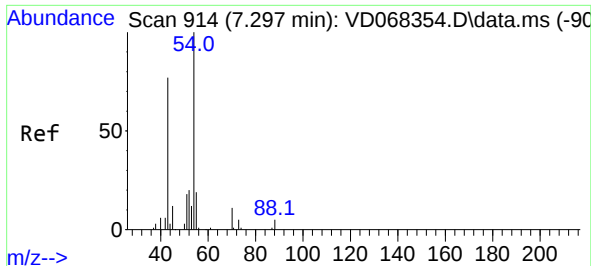
Tgt Ion: 75 Resp: 115658
Ion Ratio Lower Upper
75 100
110 36.2 19.4 58.2
77 31.4 25.3 37.9



Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:04:49 PM



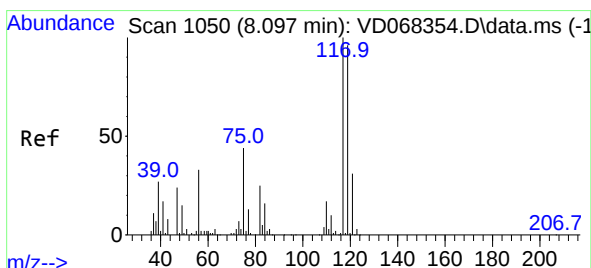
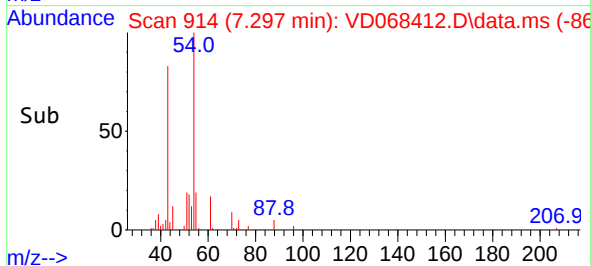
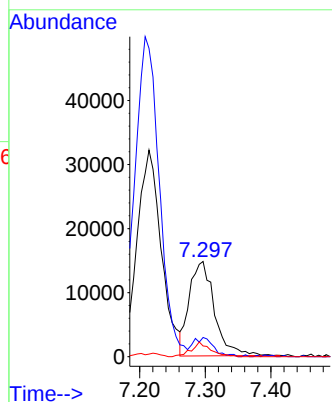
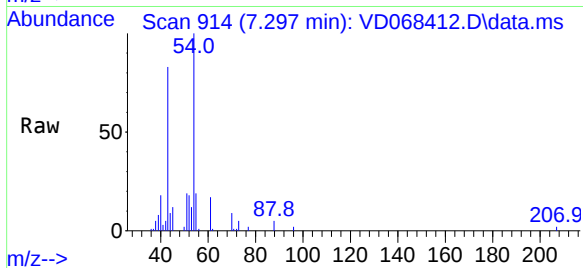
#37
Ethyl Acetate
Concen: 20.33 ug/l
RT: 7.297 min Scan# 914
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:	43	Resp:	39205
Ion Ratio	Lower	Upper	
43	100		
61	16.5	12.9	19.3
70	11.8	11.0	16.6

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

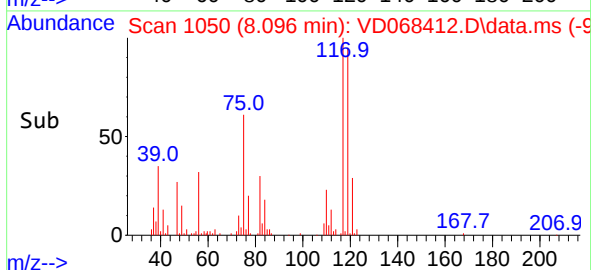
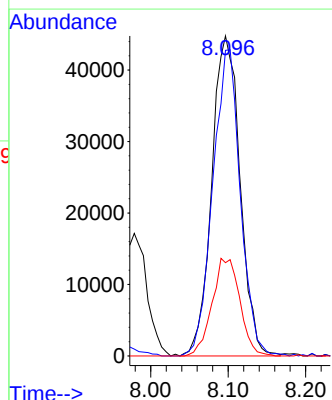
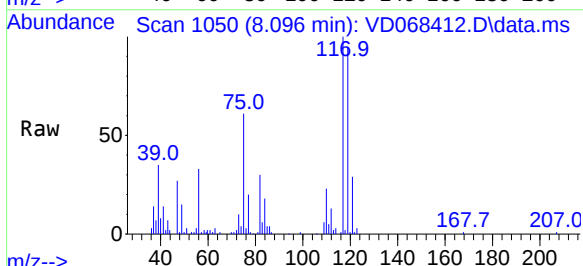
Manual Integrations
APPROVED

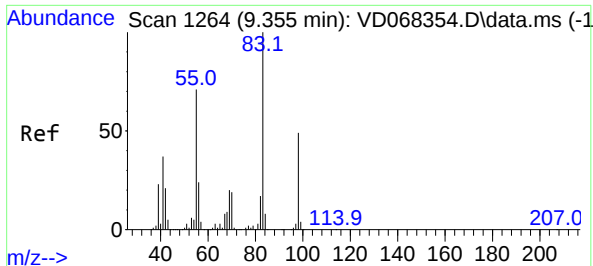
MMDadoda
2/23/2021 1:04:49 PM



#38
Carbon Tetrachloride
Concen: 20.85 ug/l
RT: 8.096 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:	117	Resp:	113515
Ion Ratio	Lower	Upper	
117	100		
119	95.5	77.3	115.9
121	29.2	24.7	37.1





#39

Methylcyclohexane

Concen: 20.53 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068412.D

Acq: 22 Feb 2021 11:05

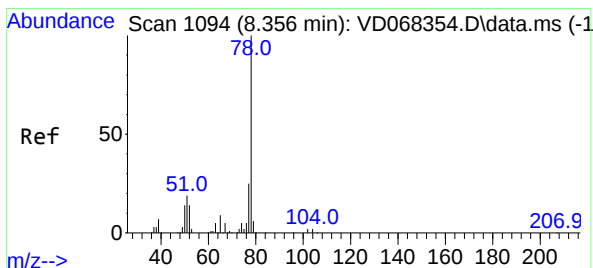
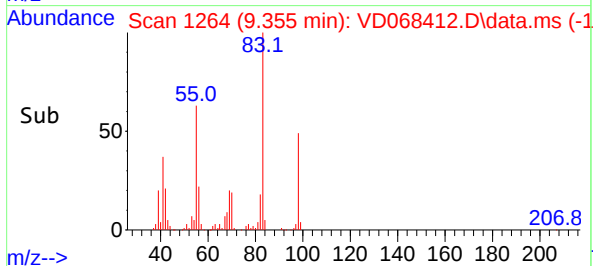
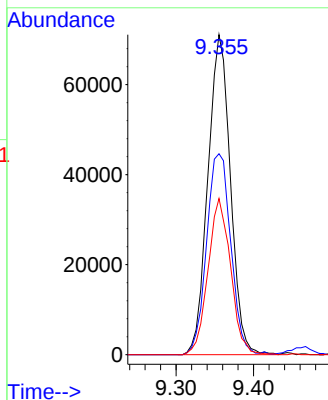
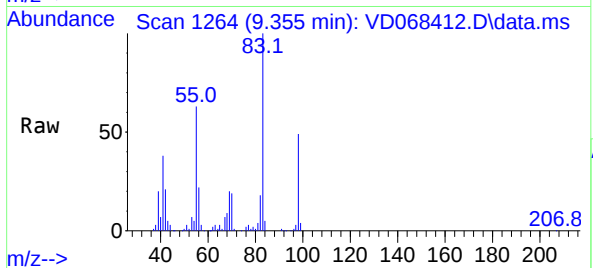
Tgt Ion: 83 Resp: 143761

Ion	Ratio	Lower	Upper
83	100		
55	62.8	55.2	82.8
98	48.8	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:04:49 PM



#40

Benzene

Concen: 20.63 ug/l

RT: 8.349 min Scan# 1093

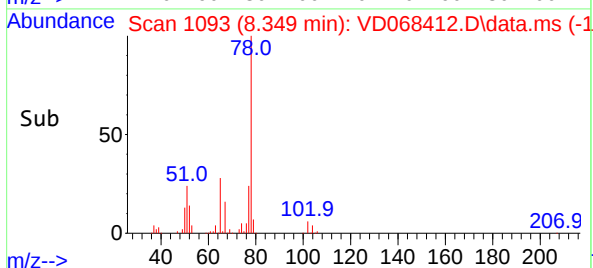
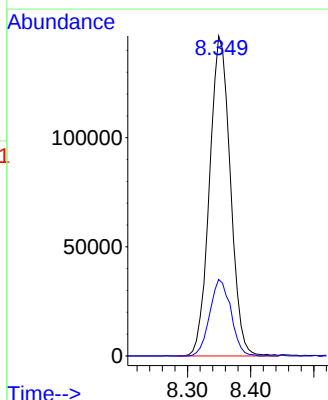
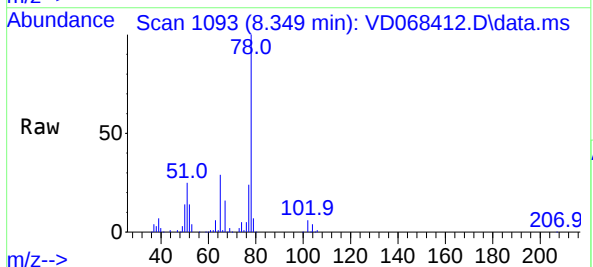
Delta R.T. -0.006 min

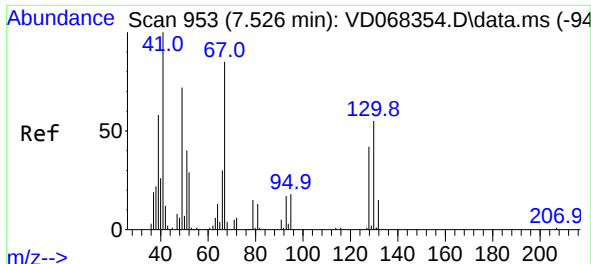
Lab File: VD068412.D

Acq: 22 Feb 2021 11:05

Tgt Ion: 78 Resp: 335870

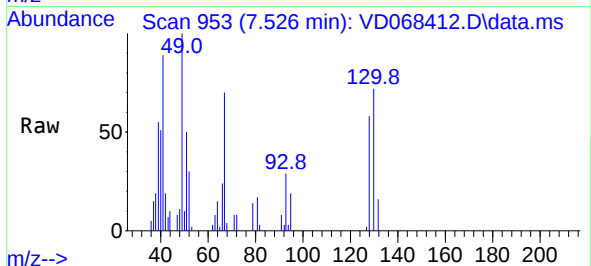
Ion	Ratio	Lower	Upper
78	100		
77	23.9	17.8	26.6





#41
Methacrylonitrile
Concen: 16.89 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

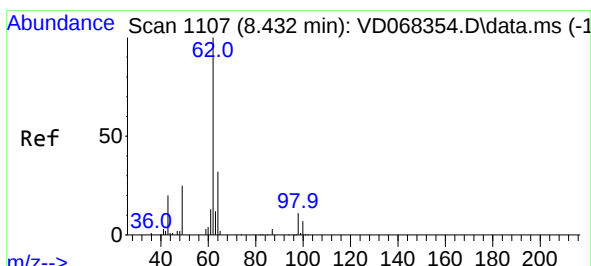
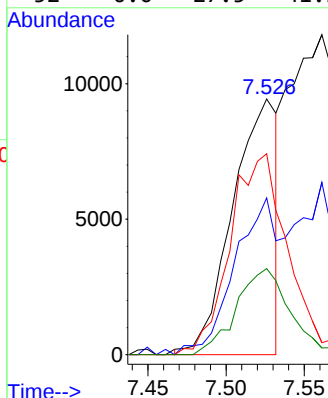
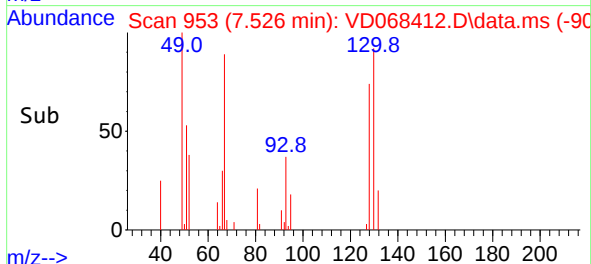
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



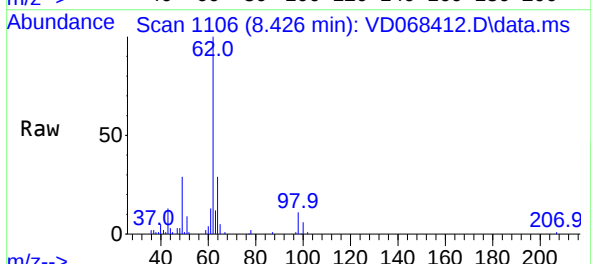
Tgt Ion: 41 Resp: 18753
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 67.4 101.2#
52 0.0 27.5 41.3#

Manual Integrations
APPROVED

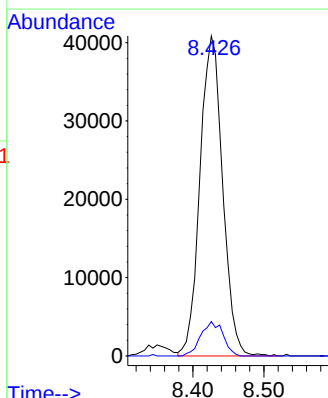
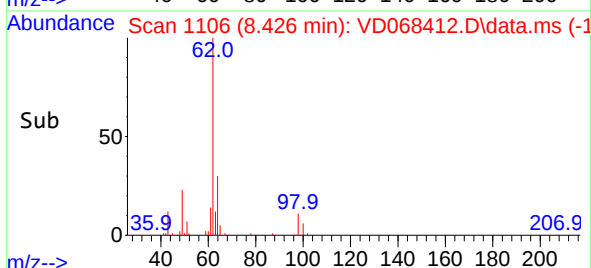
MMDadoda
2/23/2021 1:04:49 PM

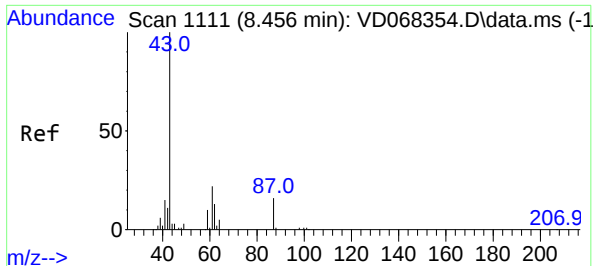


#42
1,2-Dichloroethane
Concen: 20.88 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



Tgt Ion: 62 Resp: 90701
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.8

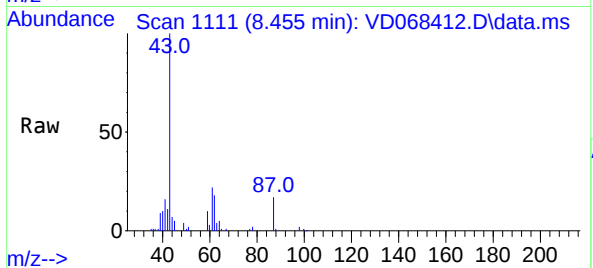




#43

Isopropyl Acetate
Concen: 19.71 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

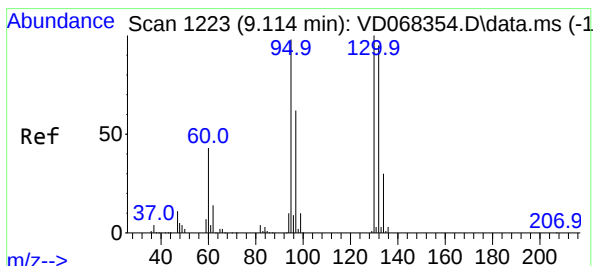
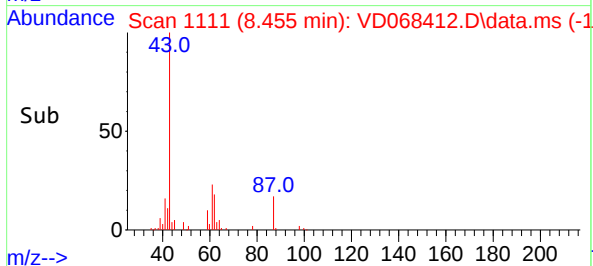
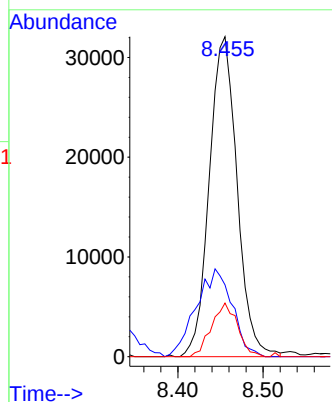
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



Tgt Ion:	43	Resp:	72823
Ion Ratio	Lower	Upper	
43	100		
61	35.5	28.7	43.1
87	15.7	13.9	20.9

Manual Integrations
APPROVED

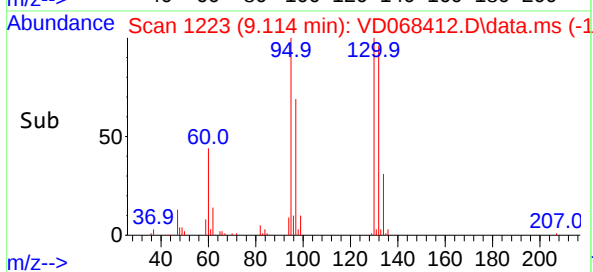
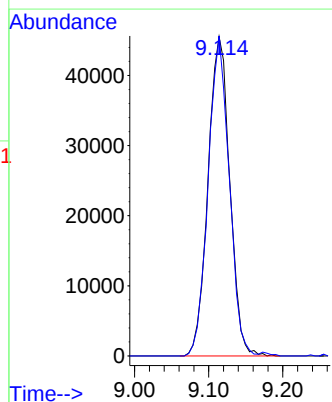
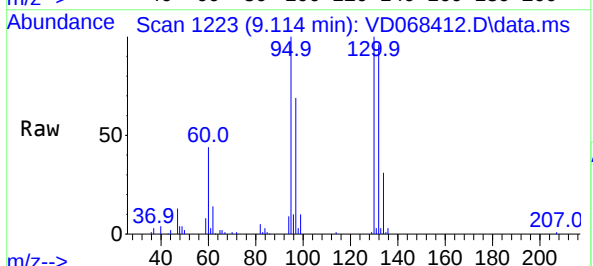
MMDadoda
2/23/2021 1:04:49 PM

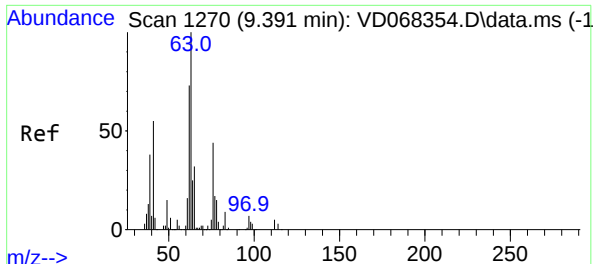


#44

Trichloroethene
Concen: 20.95 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:	130	Resp:	92814
Ion Ratio	Lower	Upper	
130	100		
95	100.2	0.0	191.2





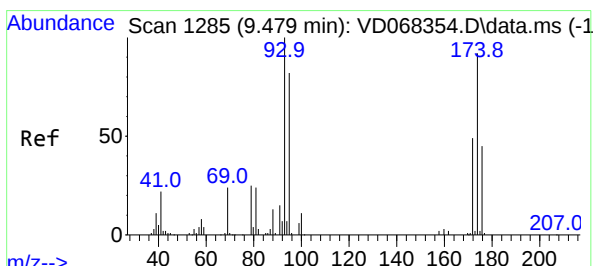
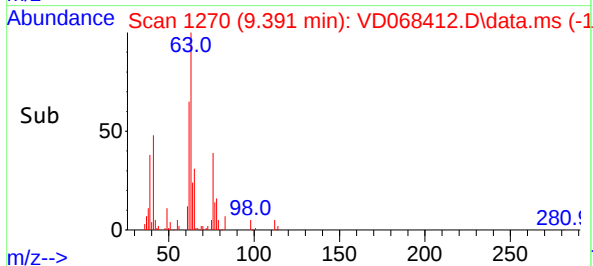
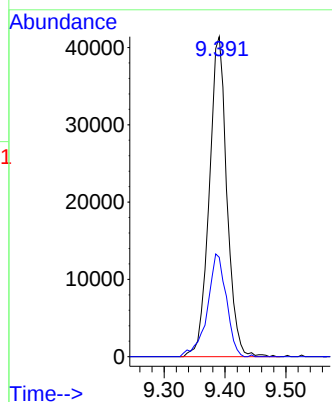
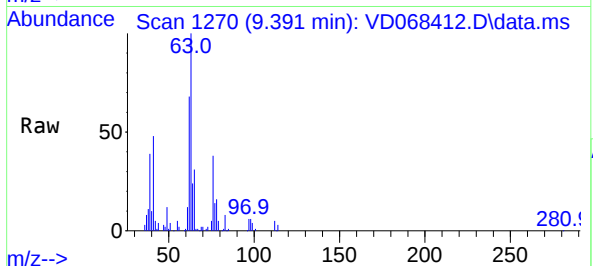
#45
1,2-Dichloropropane
Concen: 20.98 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 63 Resp: 83333
Ion Ratio Lower Upper
63 100
65 31.0 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

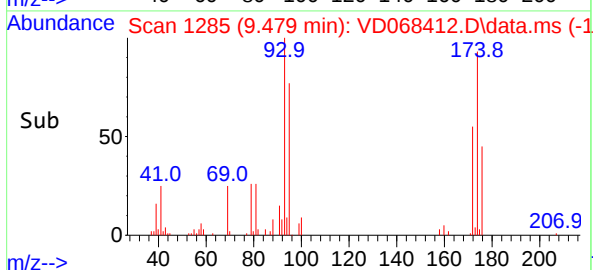
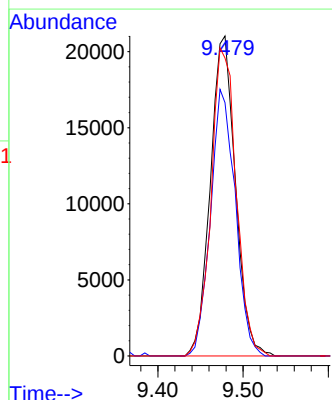
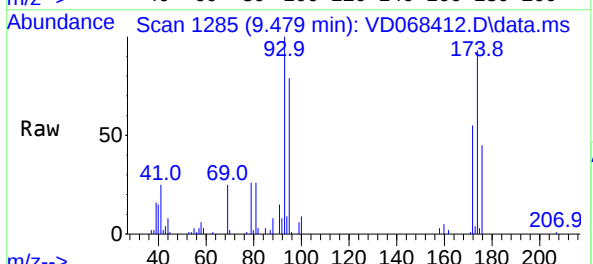
Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:04:49 PM



#46
Dibromomethane
Concen: 19.97 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

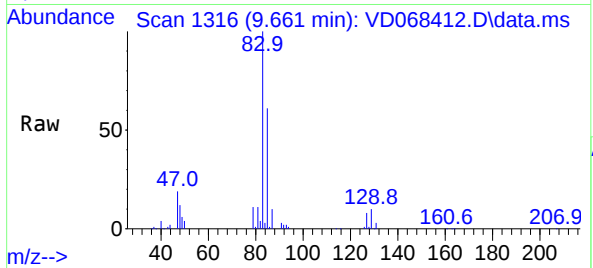
Tgt Ion: 93 Resp: 43048
Ion Ratio Lower Upper
93 100
95 82.2 67.3 100.9
174 96.5 84.6 127.0





#47
Bromodichloromethane
Concen: 20.95 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

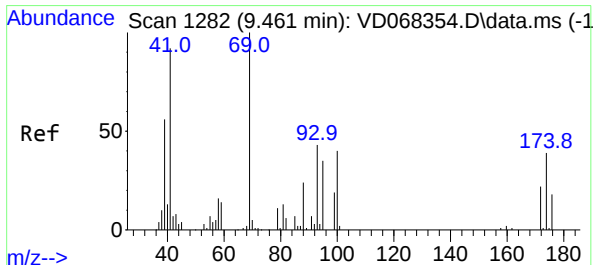
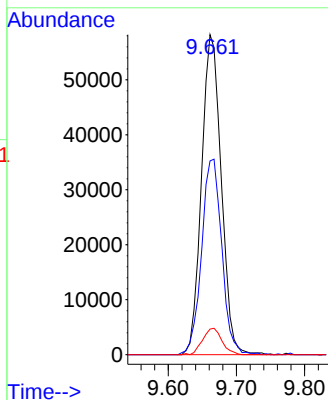
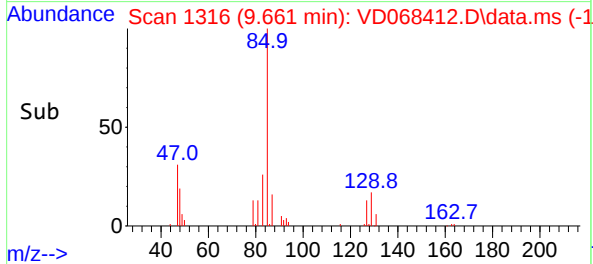
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



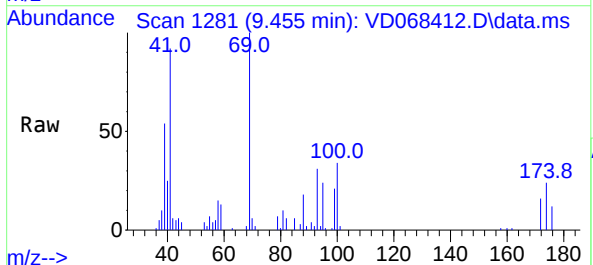
Tgt Ion: 83 Resp: 117079
Ion Ratio Lower Upper
83 100
85 60.5 51.6 77.4
127 8.0 7.4 11.0

Manual Integrations
APPROVED

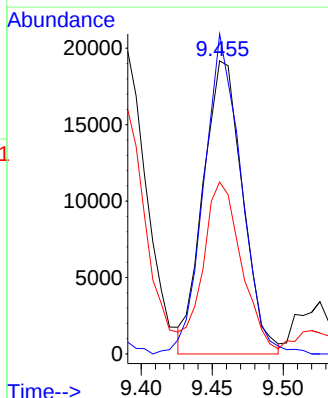
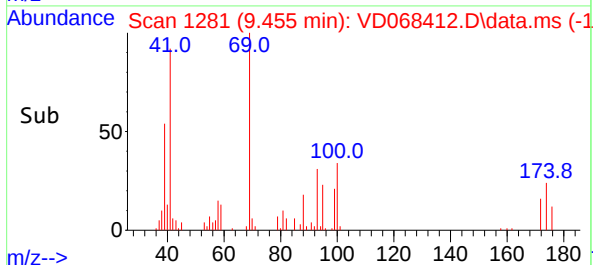
MMDadoda
2/23/2021 1:04:49 PM

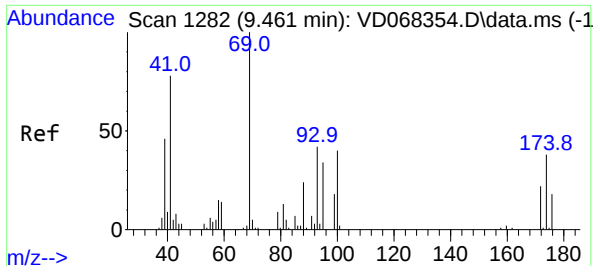


#48
Methyl methacrylate
Concen: 20.12 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



Tgt Ion: 41 Resp: 37095
Ion Ratio Lower Upper
41 100
69 102.4 77.1 115.7
39 57.4 41.5 62.3





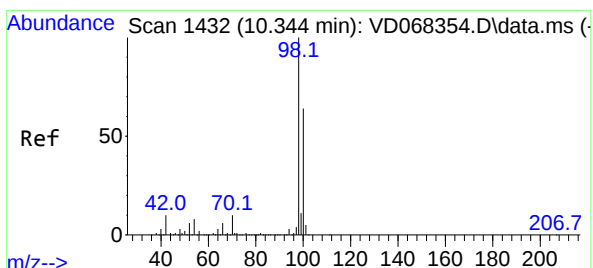
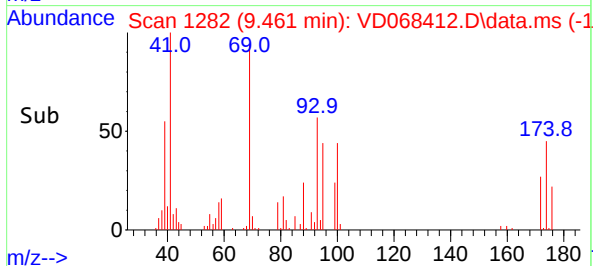
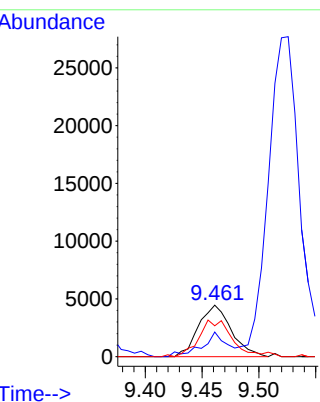
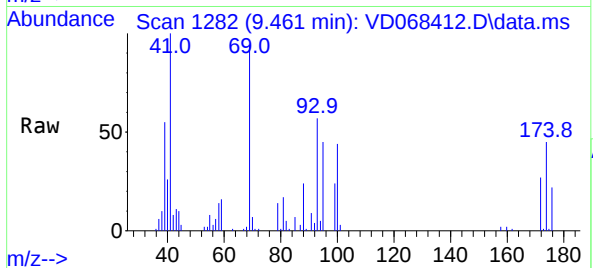
#49
1,4-Dioxane
Concen: 354.45 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 88 Resp: 8925
Ion Ratio Lower Upper
88 100
43 35.4 22.1 33.1#
58 73.7 46.7 70.1#

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

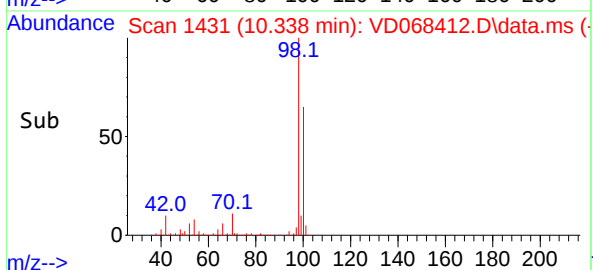
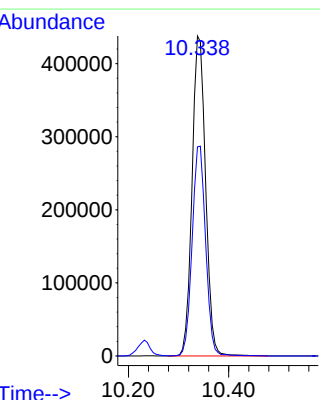
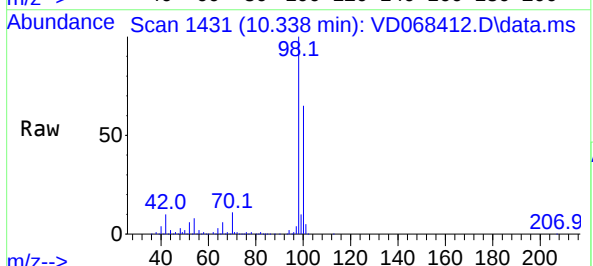
Manual Integrations
APPROVED

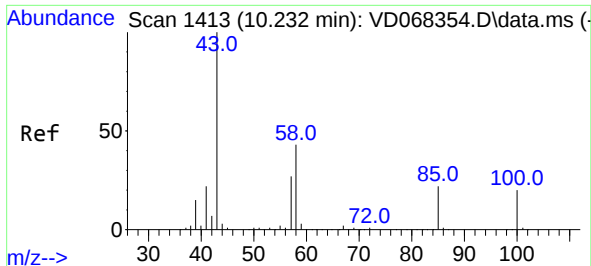
MMDadoda
2/23/2021 1:04:49 PM



#50
Toluene-d8
Concen: 51.61 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 98 Resp: 819269
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4





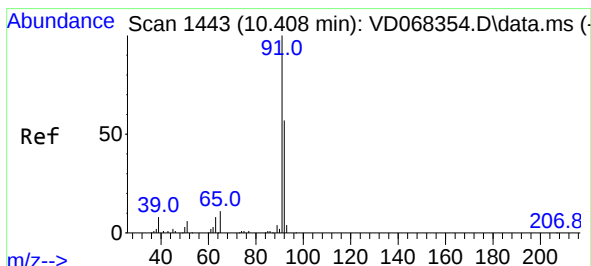
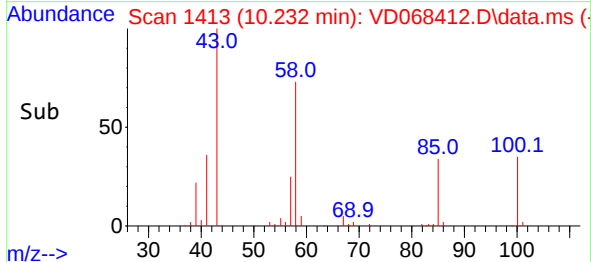
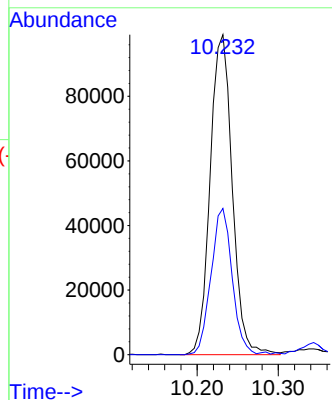
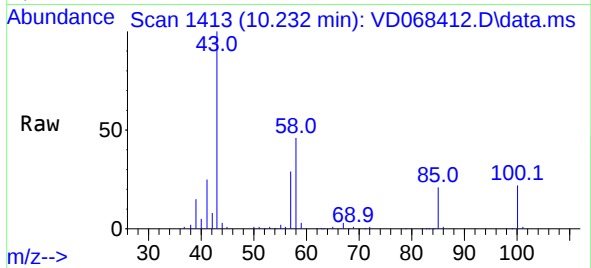
#51
4-Methyl-2-Pentanone
Concen: 98.92 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 43 Resp: 187660
Ion Ratio Lower Upper
43 100
58 43.7 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

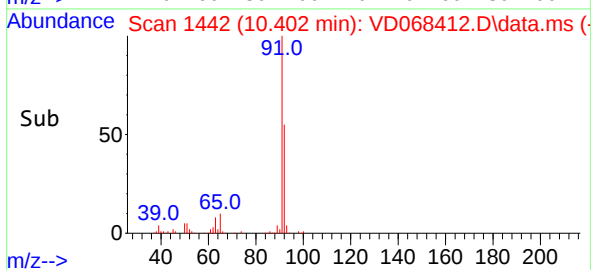
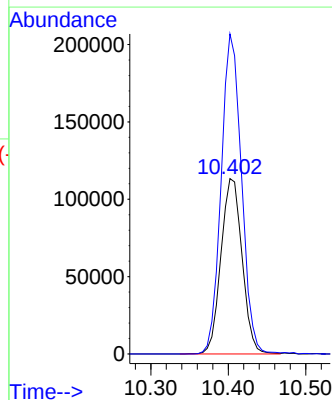
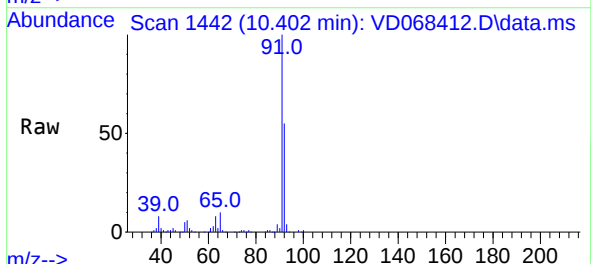
Manual Integrations
APPROVED

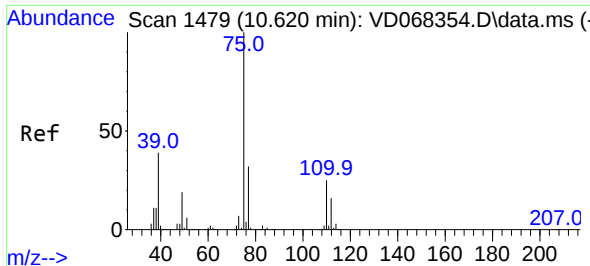
MMDadoda
2/23/2021 1:04:49 PM



#52
Toluene
Concen: 20.57 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 92 Resp: 215328
Ion Ratio Lower Upper
92 100
91 176.1 134.1 201.1





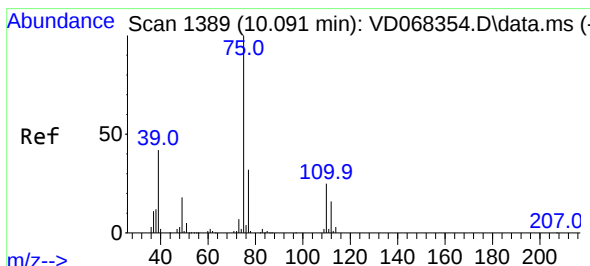
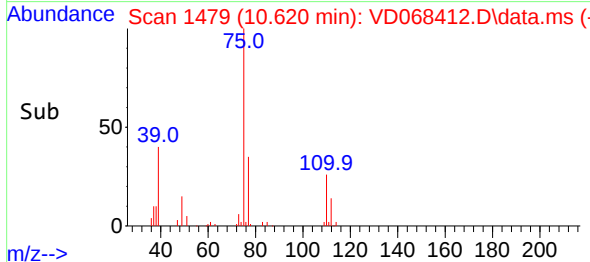
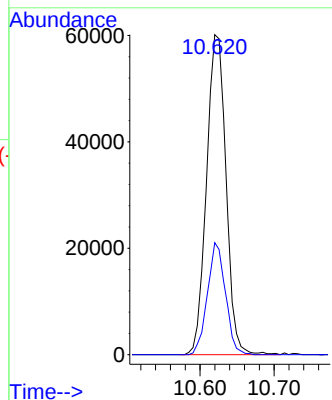
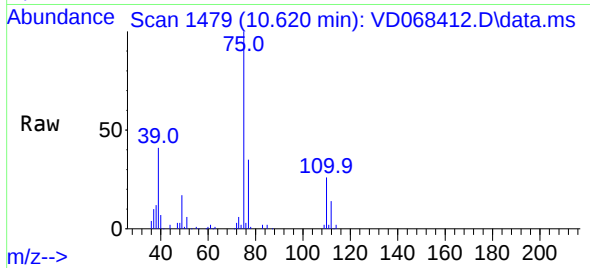
#53
t-1,3-Dichloropropene
Concen: 21.30 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 75 Resp: 110141
Ion Ratio Lower Upper
75 100
77 35.0 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

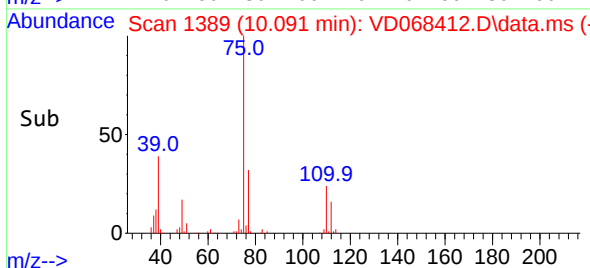
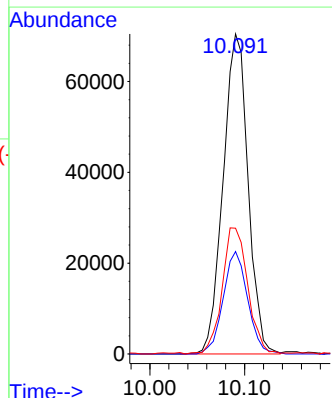
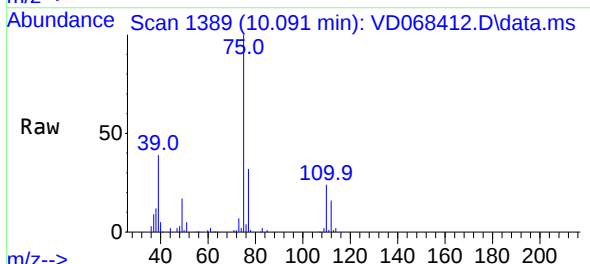
Manual Integrations
APPROVED

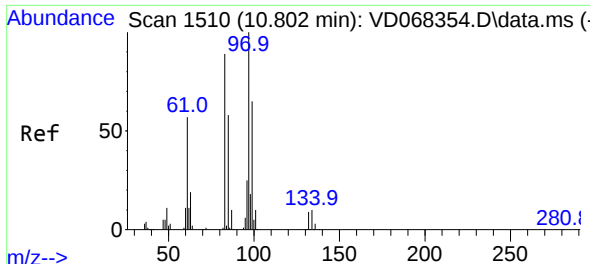
MMDadoda
2/23/2021 1:04:49 PM



#54
cis-1,3-Dichloropropene
Concen: 20.39 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

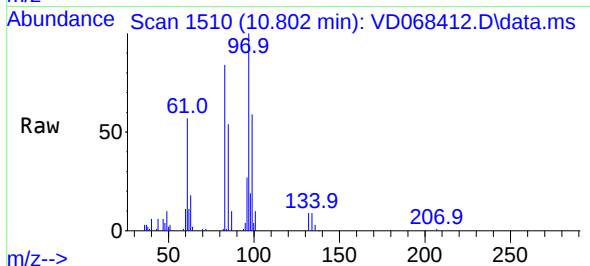
Tgt Ion: 75 Resp: 128839
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0
39 39.0 31.4 47.0





#55
1,1,2-Trichloroethane
Concen: 20.48 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

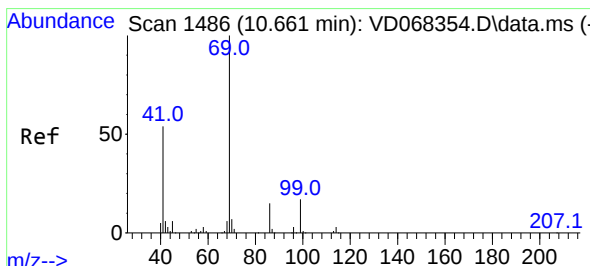
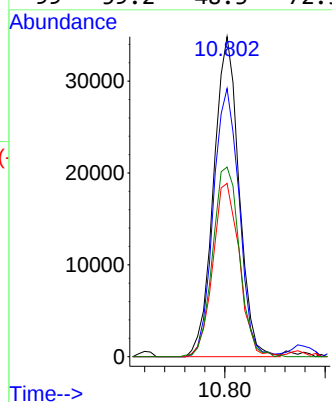


Tgt Ion: 97 Resp: 60982

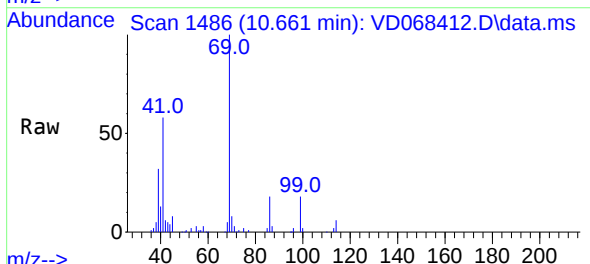
Ion	Ratio	Lower	Upper
97	100		
83	83.8	61.8	92.6
85	54.2	42.2	63.2
99	59.2	48.3	72.5

Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:04:49 PM

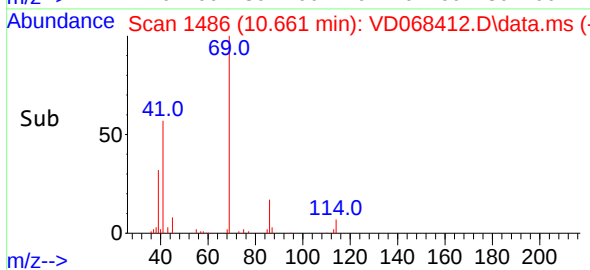
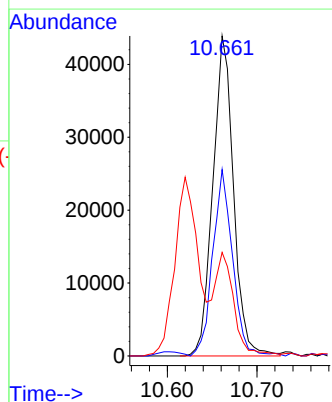


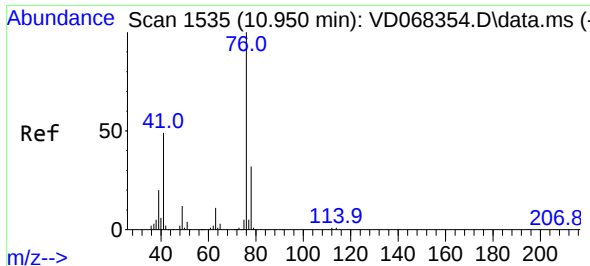
#56
Ethyl methacrylate
Concen: 19.87 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



Tgt Ion: 69 Resp: 70209

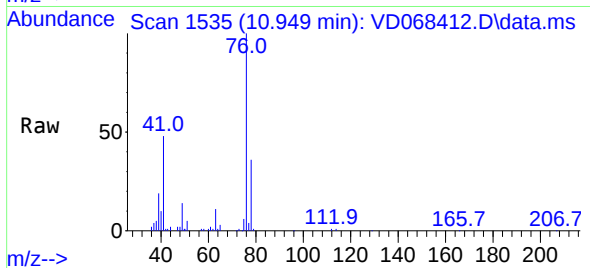
Ion	Ratio	Lower	Upper
69	100		
41	56.2	44.9	67.3
39	30.4	21.9	32.9





#57
1,3-Dichloropropane
Concen: 20.24 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

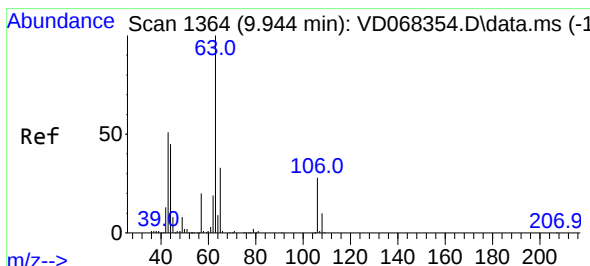
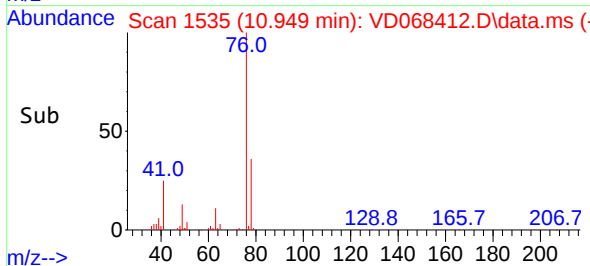
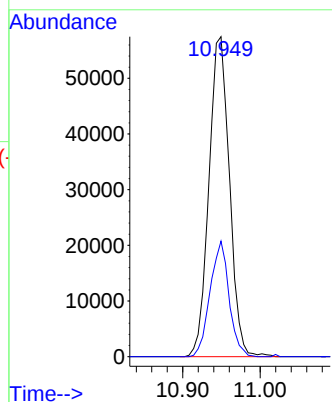
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



Tgt Ion: 76 Resp: 105747
Ion Ratio Lower Upper
76 100
78 33.4 25.6 38.4

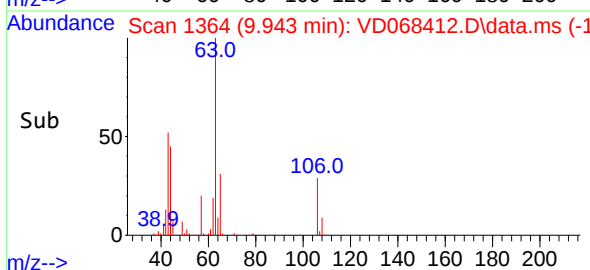
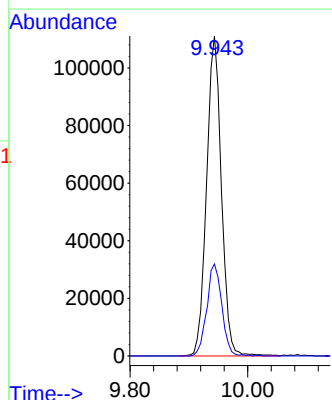
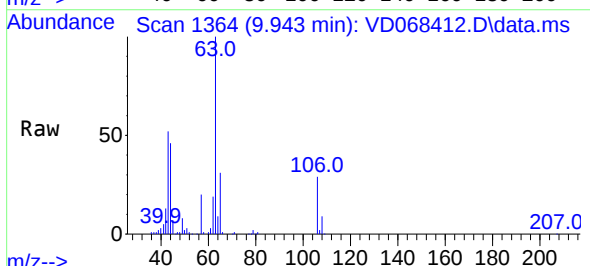
Manual Integrations
APPROVED

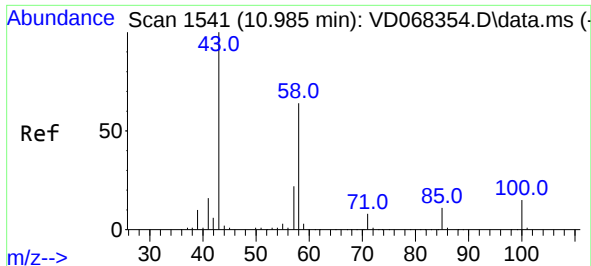
MMDadoda
2/23/2021 1:04:49 PM



#58
2-Chloroethyl Vinyl ether
Concen: 102.65 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 63 Resp: 194177
Ion Ratio Lower Upper
63 100
106 29.2 27.0 40.4





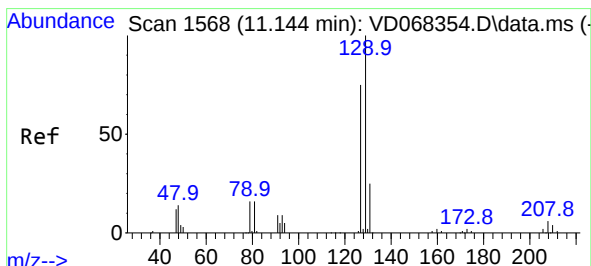
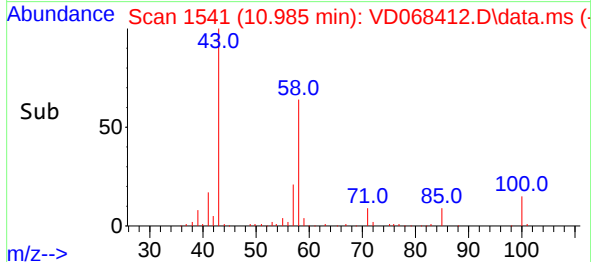
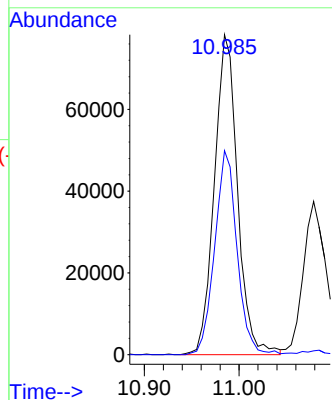
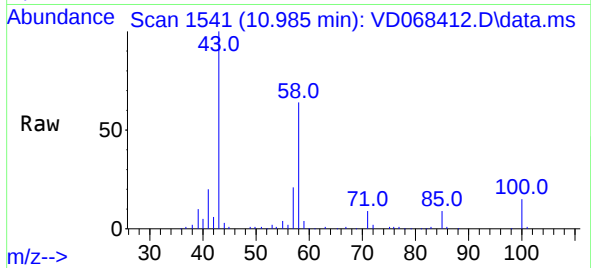
#59
2-Hexanone
Concen: 103.65 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 43 Resp: 132917
Ion Ratio Lower Upper
43 100
58 61.5 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

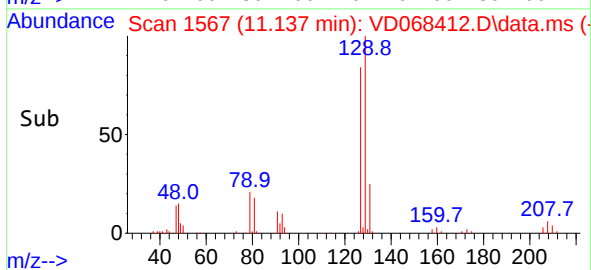
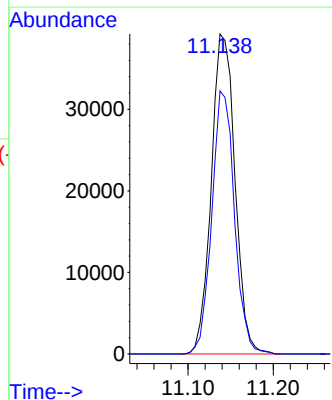
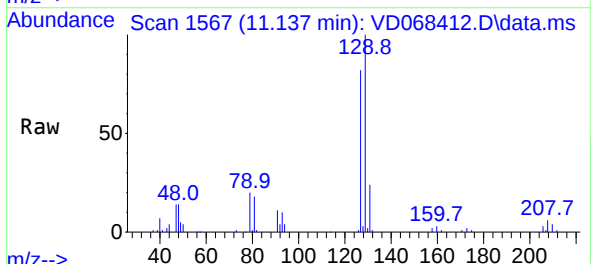
Manual Integrations
APPROVED

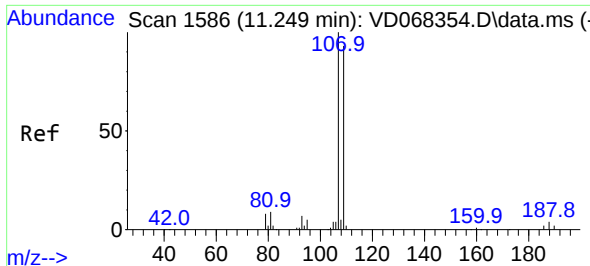
MMDadoda
2/23/2021 1:04:49 PM



#60
Dibromochloromethane
Concen: 20.54 ug/l
RT: 11.137 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

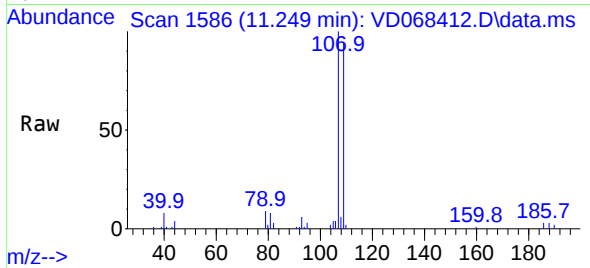
Tgt Ion:129 Resp: 75878
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.90 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

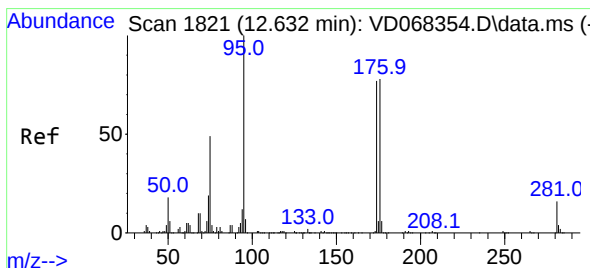
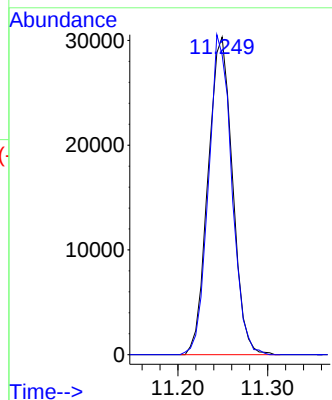
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



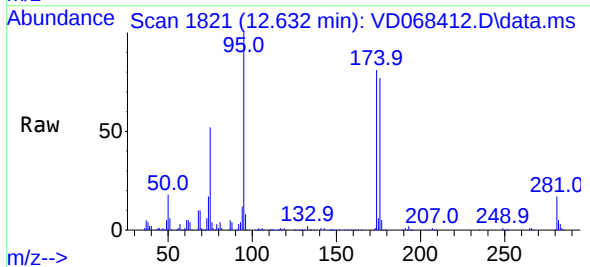
Tgt Ion:107 Resp: 57265
Ion Ratio Lower Upper
107 100
109 95.9 74.8 112.2

Manual Integrations
APPROVED

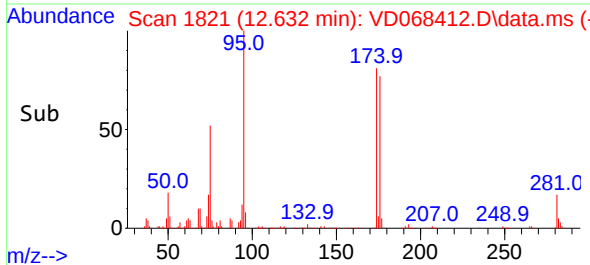
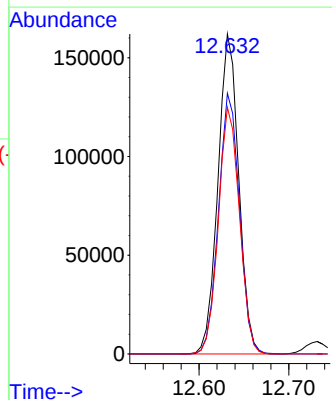
MMDadoda
2/23/2021 1:04:49 PM

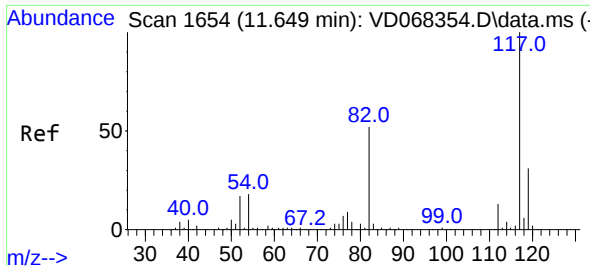


#62
4-Bromofluorobenzene
Concen: 50.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



Tgt Ion: 95 Resp: 260623
Ion Ratio Lower Upper
95 100
174 82.2 0.0 172.4
176 78.0 0.0 168.4





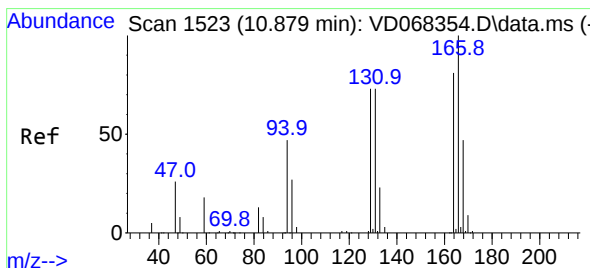
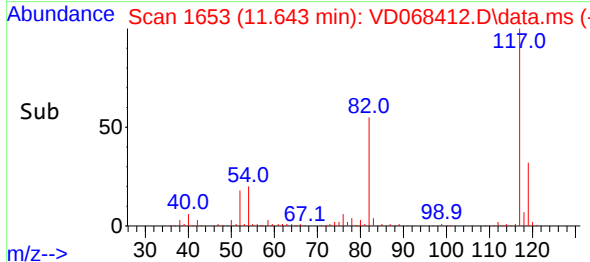
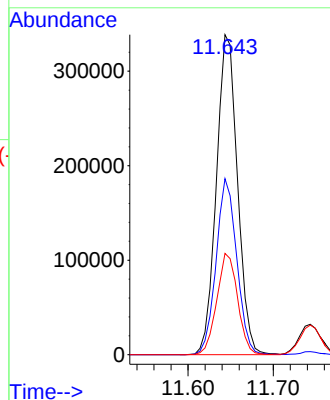
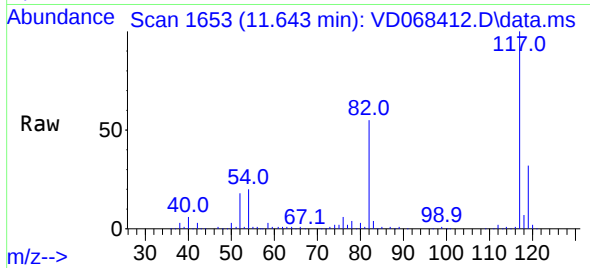
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:117 Resp: 583326
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.0
119 31.6 26.1 39.1

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

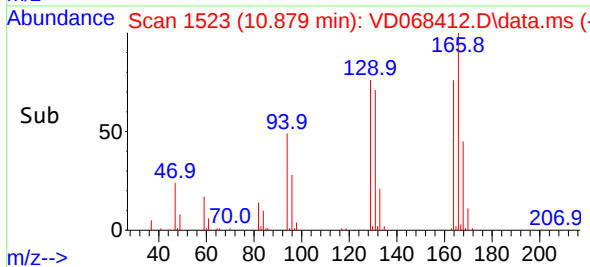
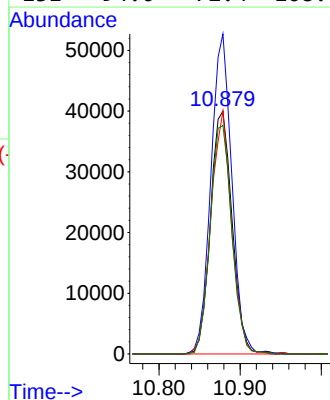
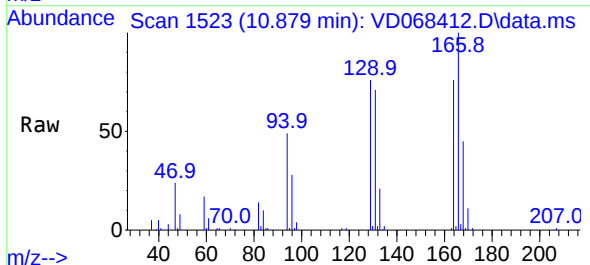
Manual Integrations
APPROVED

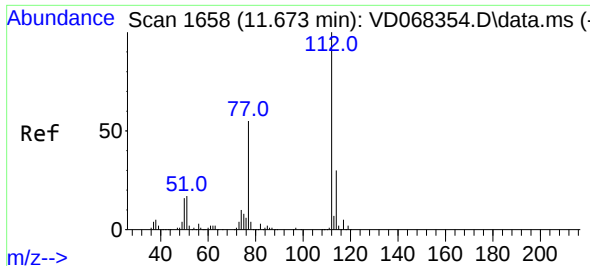
MMDadoda
2/23/2021 1:04:49 PM



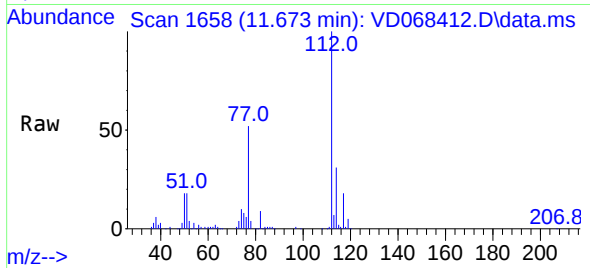
#64
Tetrachloroethene
Concen: 20.72 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:164 Resp: 74385
Ion Ratio Lower Upper
164 100
166 131.7 105.5 158.3
129 100.0 75.6 113.4
131 94.0 72.4 108.6

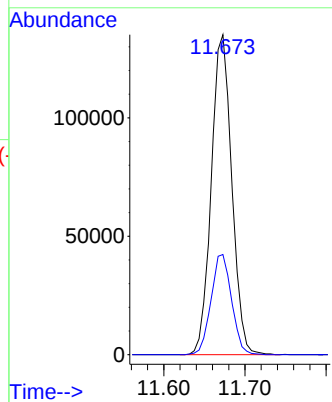
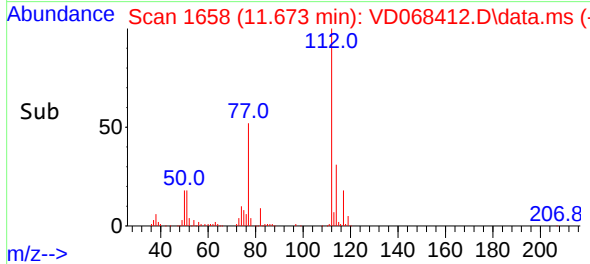




#65
Chlorobenzene
Concen: 21.11 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



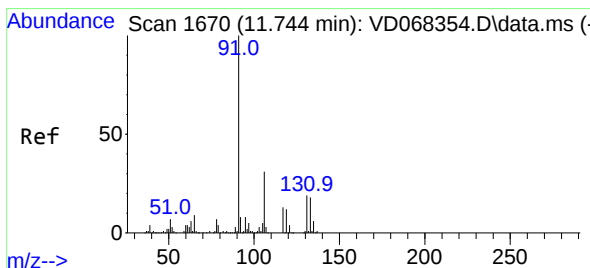
Tgt Ion:112 Resp: 236760
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



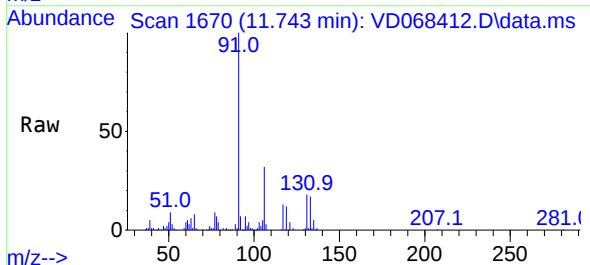
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

Manual Integrations
APPROVED

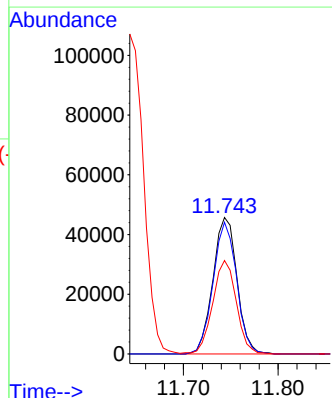
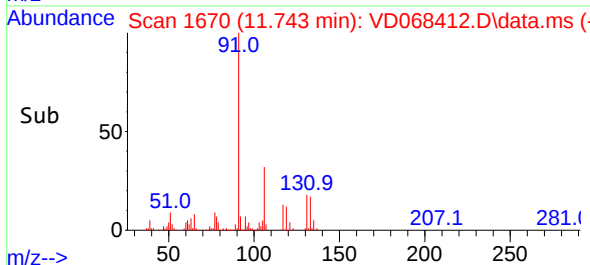
MMDadoda
2/23/2021 1:04:49 PM

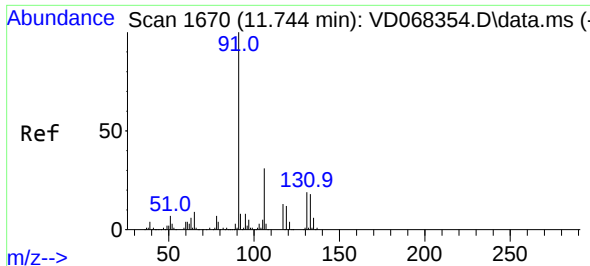


#66
1,1,1,2-Tetrachloroethane
Concen: 20.63 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



Tgt Ion:131 Resp: 80745
Ion Ratio Lower Upper
131 100
133 94.5 48.1 144.4
119 67.3 31.6 94.8





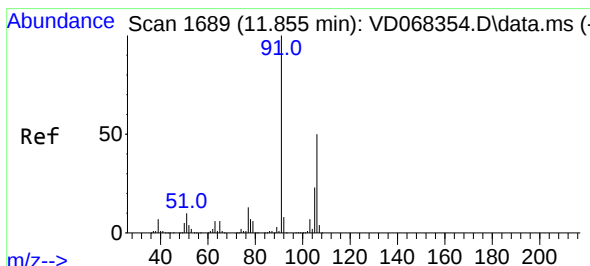
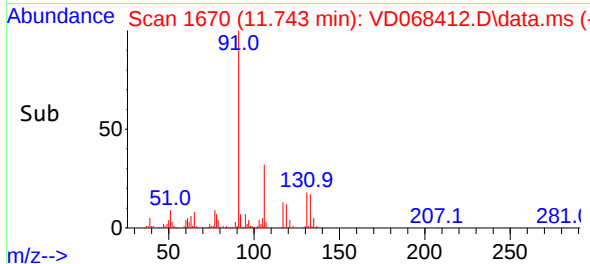
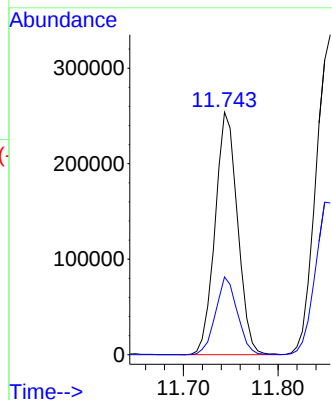
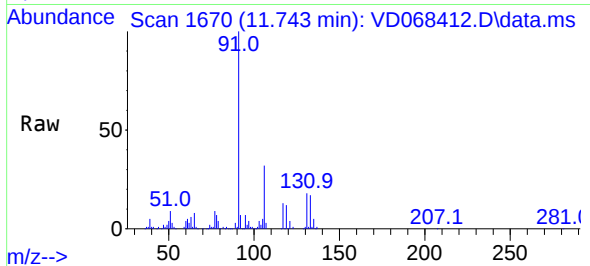
#67
Ethyl Benzene
Concen: 20.82 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 91 Resp: 418761
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

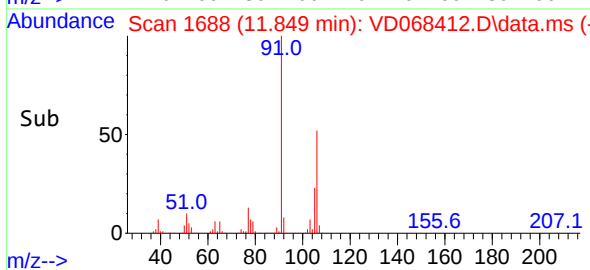
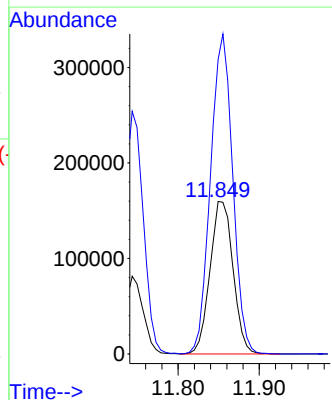
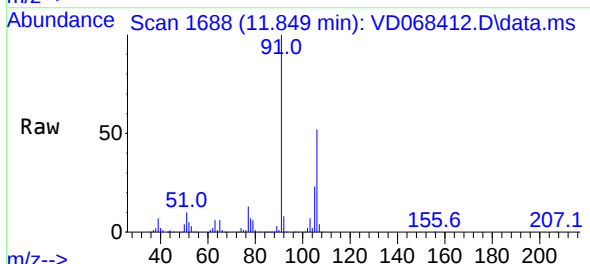
Manual Integrations
APPROVED

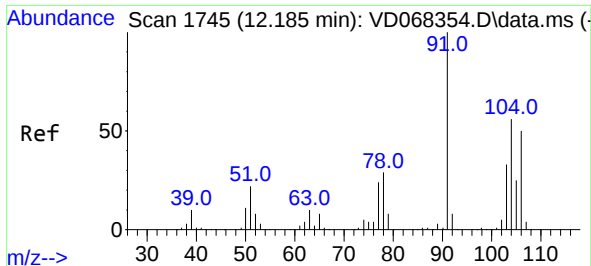
MMDadoda
2/23/2021 1:04:49 PM



#68
m/p-Xylenes
Concen: 41.49 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:106 Resp: 315312
Ion Ratio Lower Upper
106 100
91 201.7 159.1 238.7





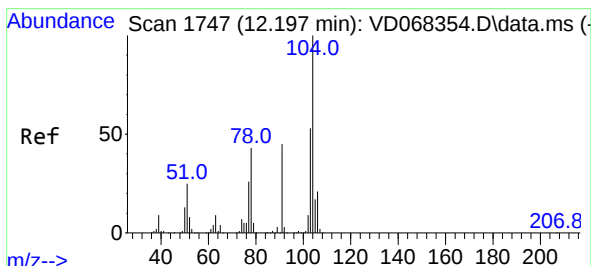
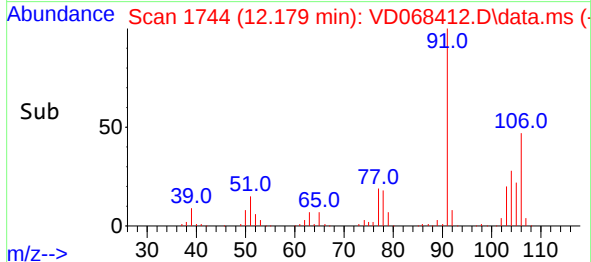
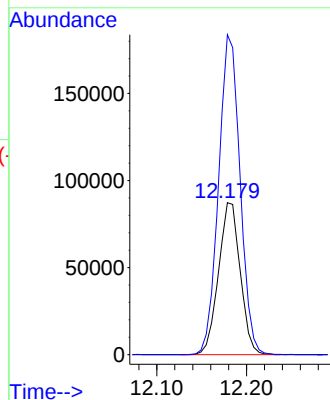
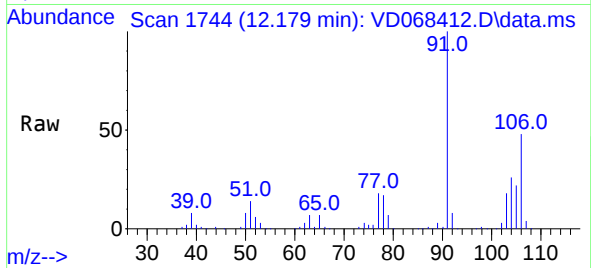
#69
o-Xylene
Concen: 21.05 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:106 Resp: 146741
Ion Ratio Lower Upper
106 100
91 208.2 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

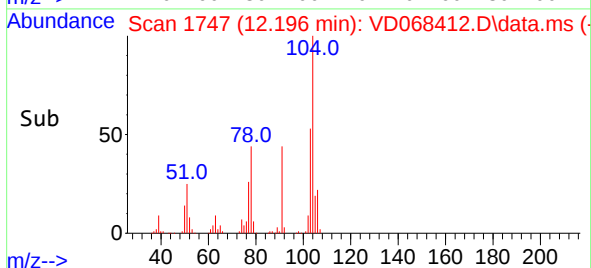
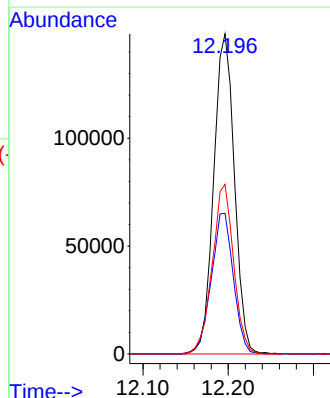
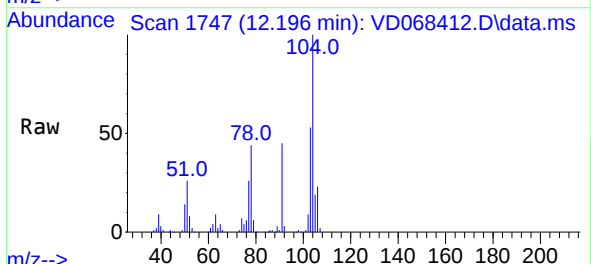
Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:04:49 PM



#70
Styrene
Concen: 20.64 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:104 Resp: 250316
Ion Ratio Lower Upper
104 100
78 47.0 38.2 57.2
103 54.7 43.1 64.7





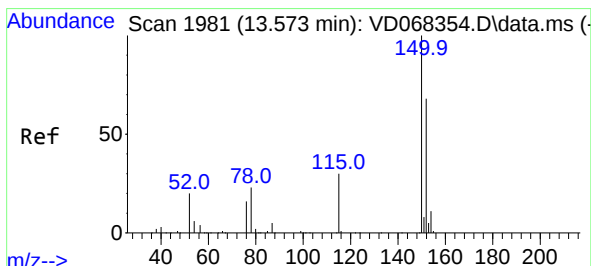
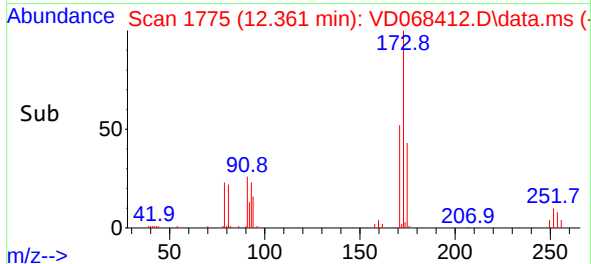
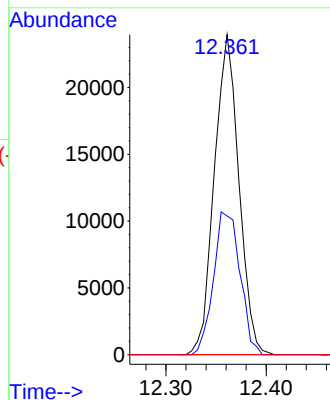
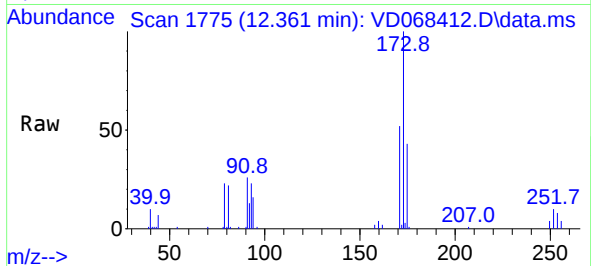
#71
Bromoform
Concen: 20.29 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:173 Resp: 40793
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

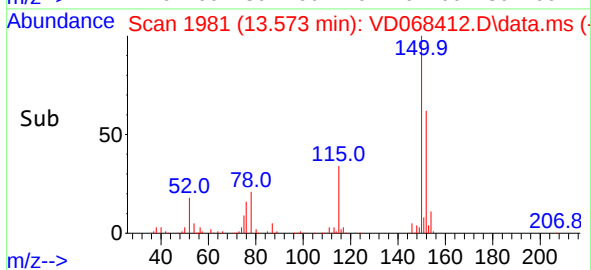
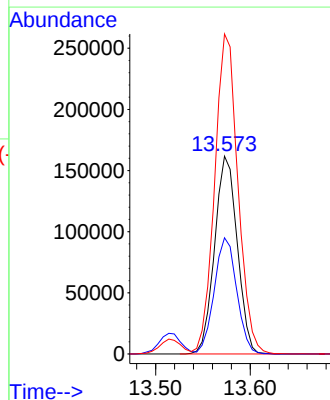
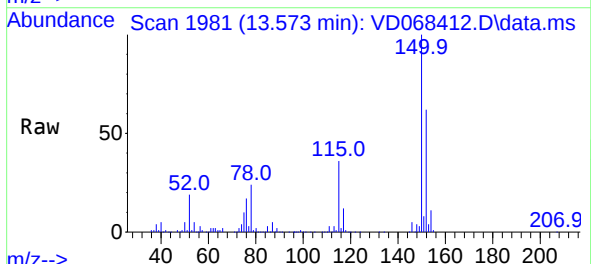
Manual Integrations
APPROVED

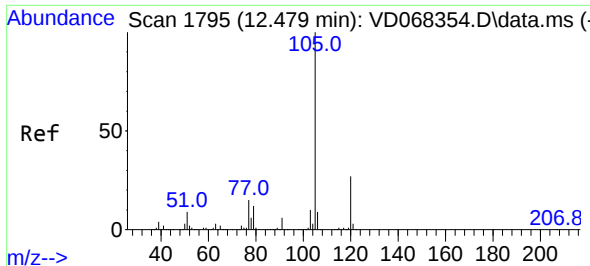
MMDadoda
2/23/2021 1:04:49 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

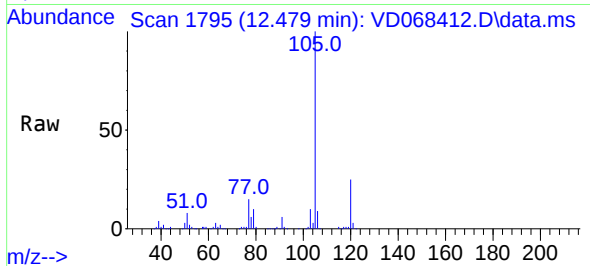
Tgt Ion:152 Resp: 267894
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 166.8 0.0 344.4





#73
Isopropylbenzene
Concen: 20.85 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

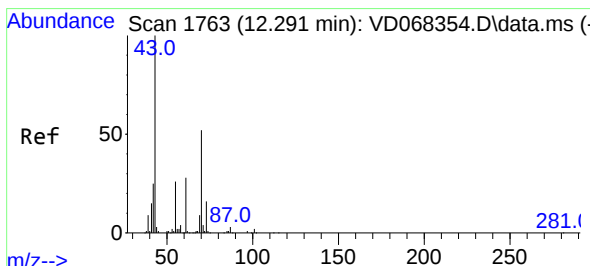
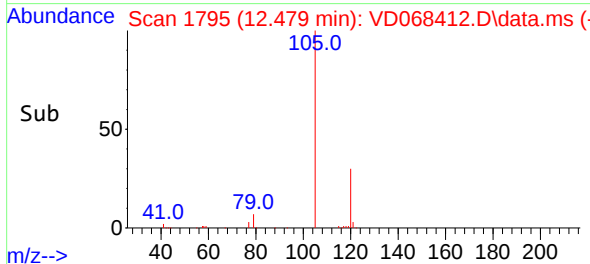
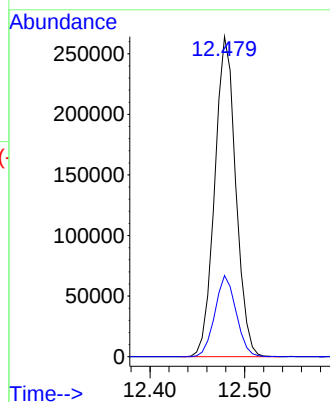
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



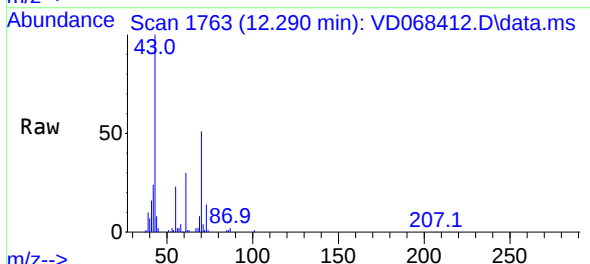
Tgt Ion:105 Resp: 407904
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.6

Manual Integrations
APPROVED

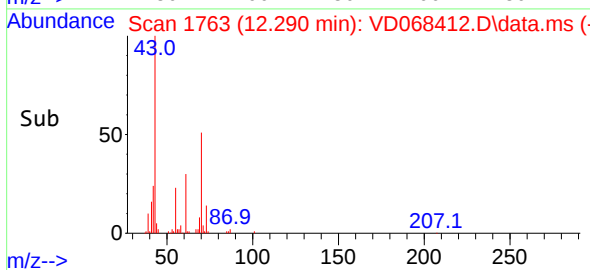
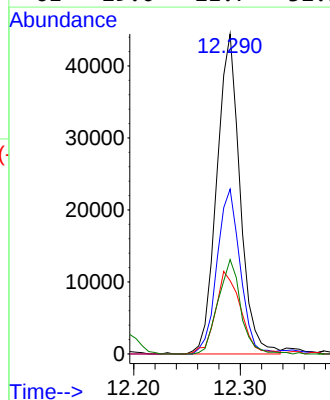
MMDadoda
2/23/2021 1:04:49 PM

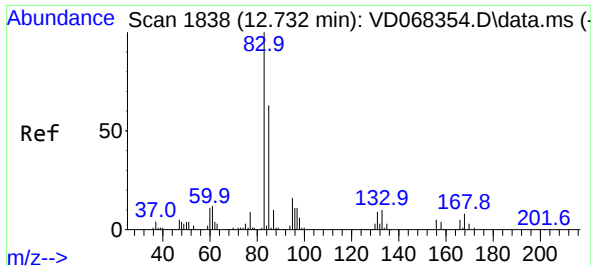


#74
N-ethyl acetate
Concen: 19.46 ug/l
RT: 12.290 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



Tgt Ion: 43 Resp: 67229
Ion Ratio Lower Upper
43 100
70 51.4 41.8 62.8
55 28.1 24.2 36.4
61 29.0 21.7 32.5





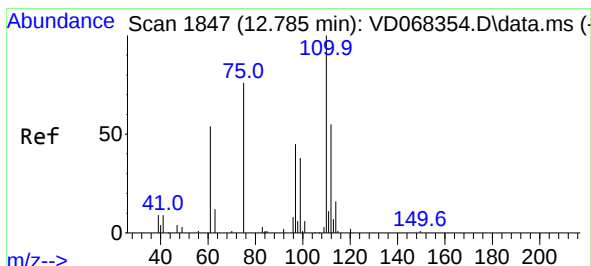
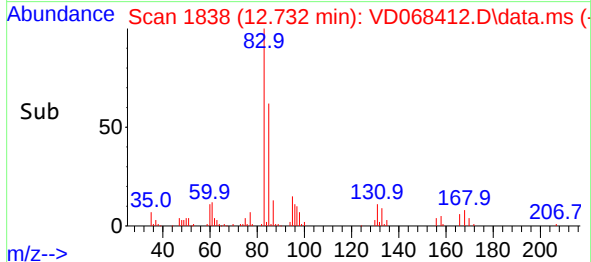
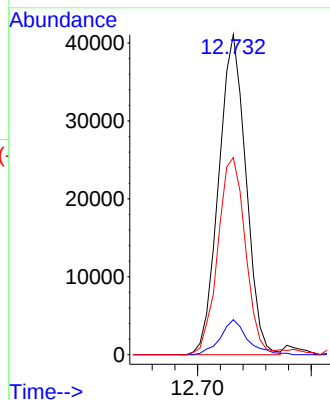
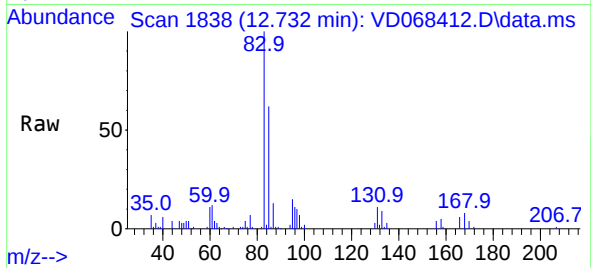
#75
1,1,2,2-Tetrachloroethane
Concen: 20.19 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:	83	Resp:	68482
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.8	17.4
85	62.3	32.4	97.2

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

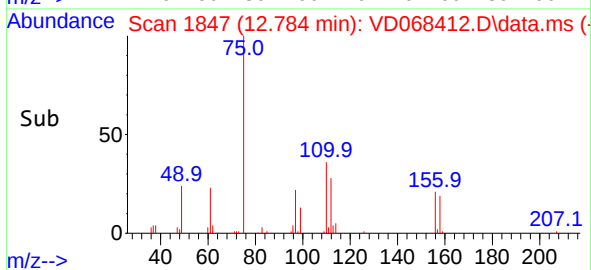
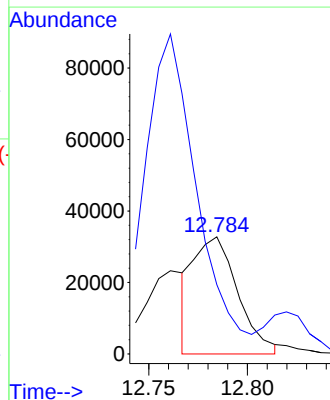
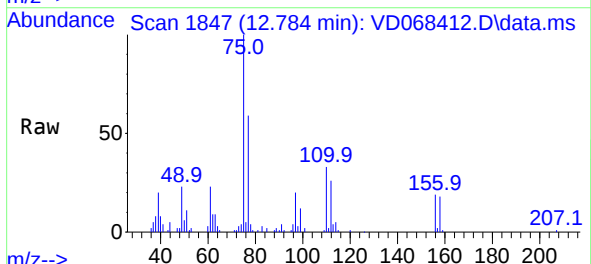
Manual Integrations
APPROVED

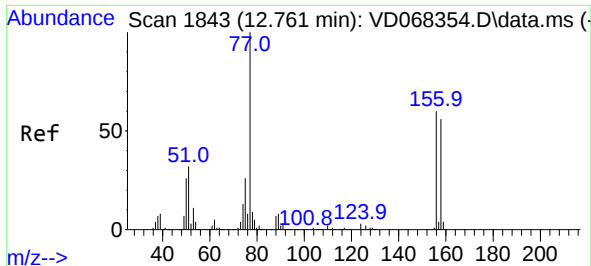
MMDadoda
2/23/2021 1:04:49 PM



#76
1,2,3-Trichloropropane
Concen: 20.10 ug/l m
RT: 12.784 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:	75	Resp:	51250
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





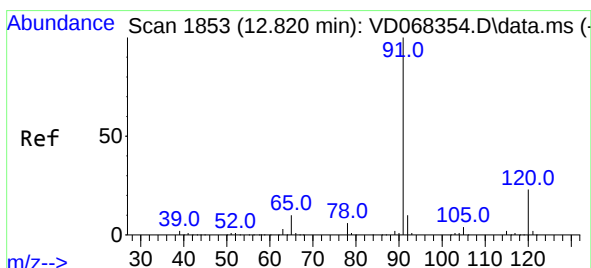
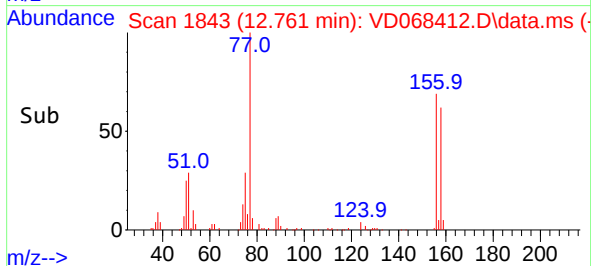
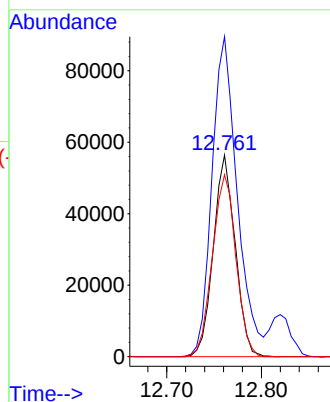
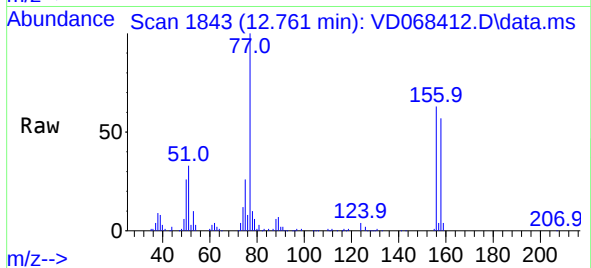
#77
Bromobenzene
Concen: 20.71 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:156 Resp: 90525
Ion Ratio Lower Upper
156 100
77 183.2 82.8 248.3
158 97.0 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

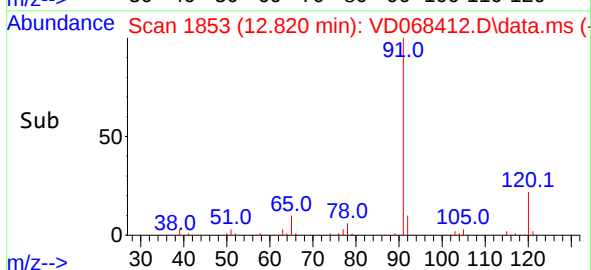
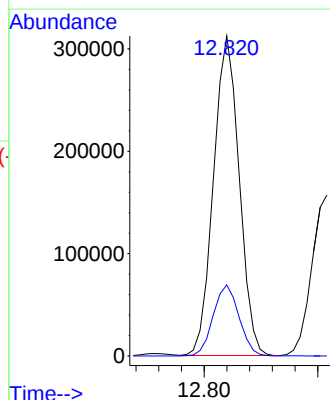
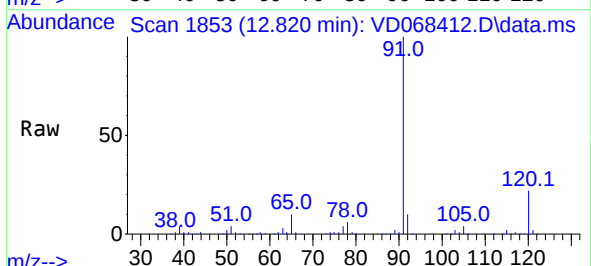
Manual Integrations
APPROVED

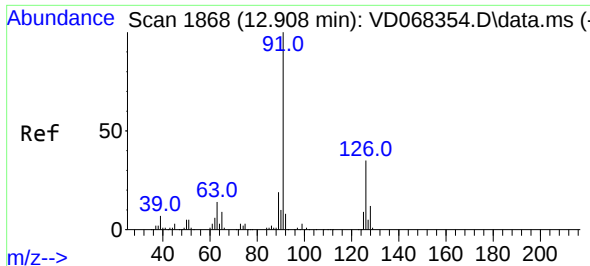
MMDadoda
2/23/2021 1:04:49 PM



#78
n-propylbenzene
Concen: 20.92 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 91 Resp: 490123
Ion Ratio Lower Upper
91 100
120 22.3 12.0 36.0





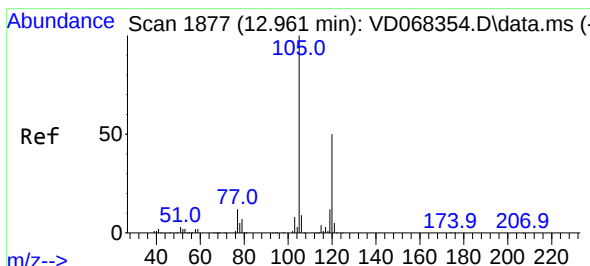
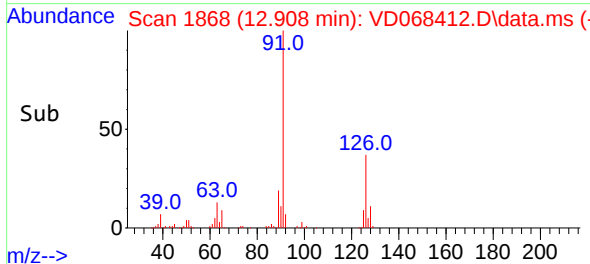
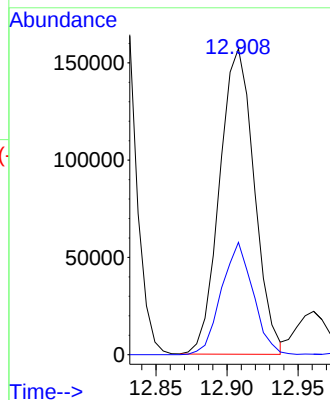
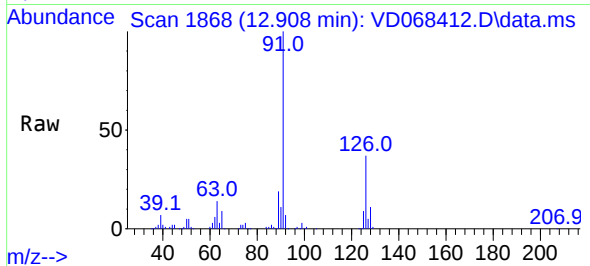
#79
2-Chlorotoluene
Concen: 20.57 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 91 Resp: 266895
Ion Ratio Lower Upper
91 100
126 33.7 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

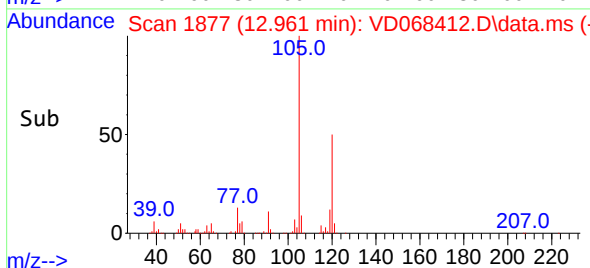
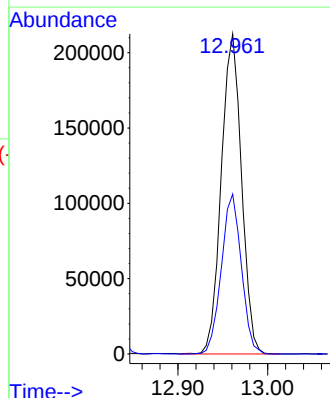
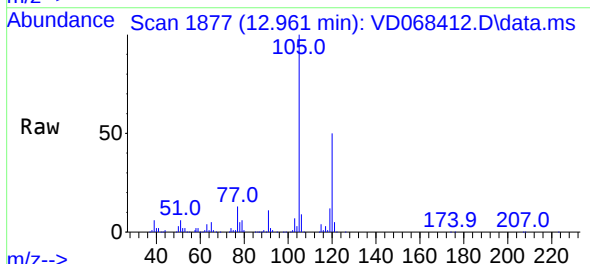
Manual Integrations
APPROVED

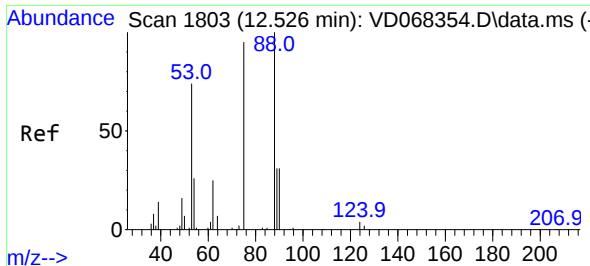
MMDadoda
2/23/2021 1:04:49 PM



#80
1,3,5-Trimethylbenzene
Concen: 20.78 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

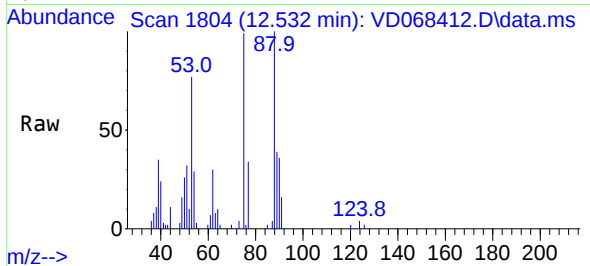
Tgt Ion: 105 Resp: 332355
Ion Ratio Lower Upper
105 100
120 49.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.11 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

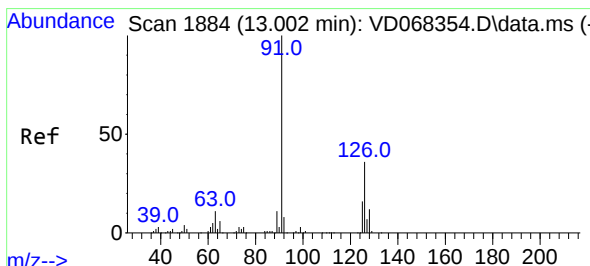
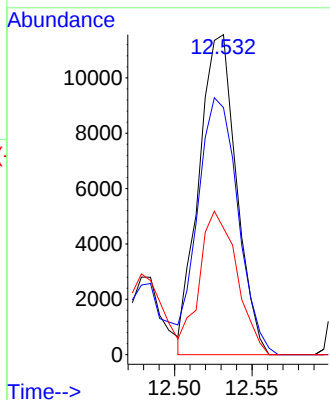
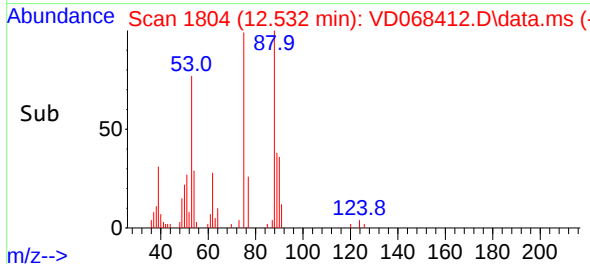
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



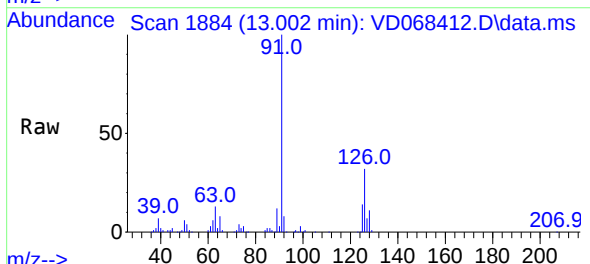
Tgt Ion: 75 Resp: 19434
Ion Ratio Lower Upper
75 100
53 85.9 70.2 105.2
89 44.8 40.3 60.5

Manual Integrations
APPROVED

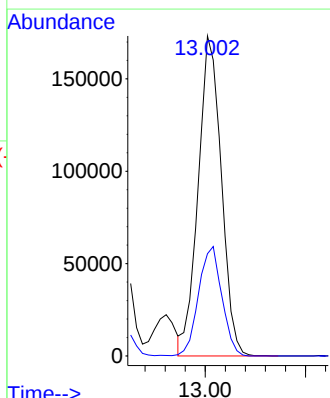
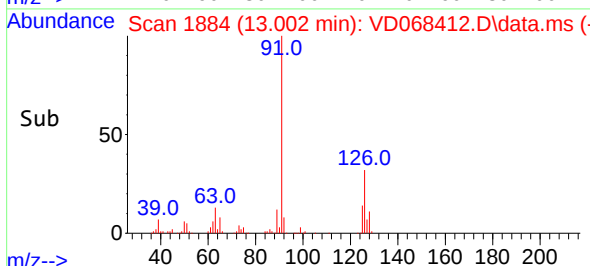
MMDadoda
2/23/2021 1:04:49 PM

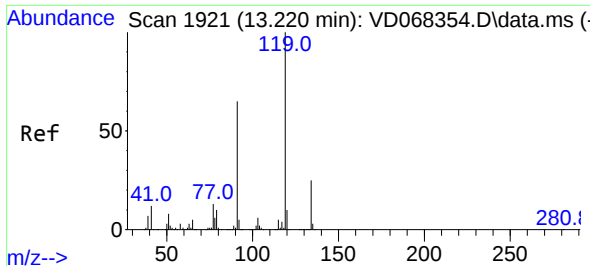


#82
4-Chlorotoluene
Concen: 20.27 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

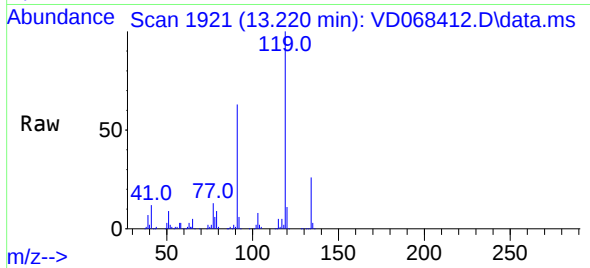


Tgt Ion: 91 Resp: 278007
Ion Ratio Lower Upper
91 100
126 34.4 17.7 53.1

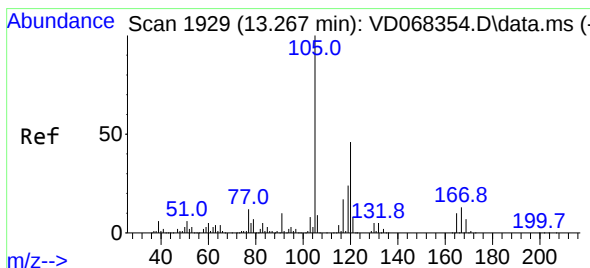
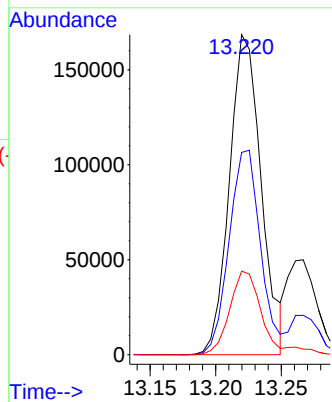
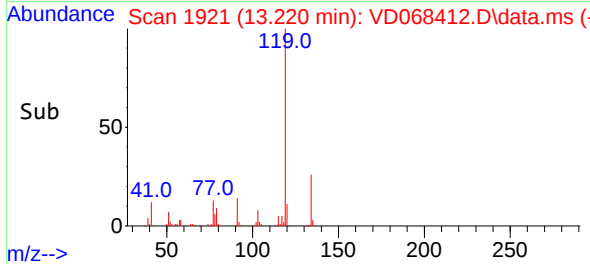




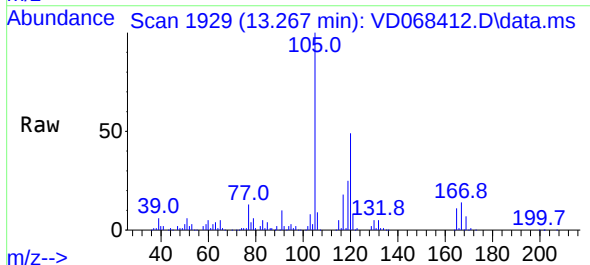
#83
tert-Butylbenzene
Concen: 20.51 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



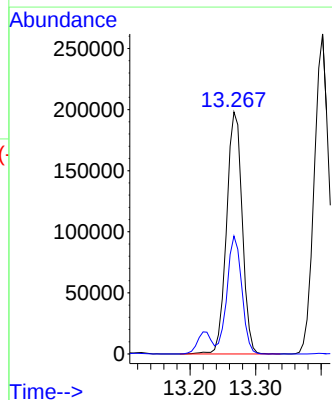
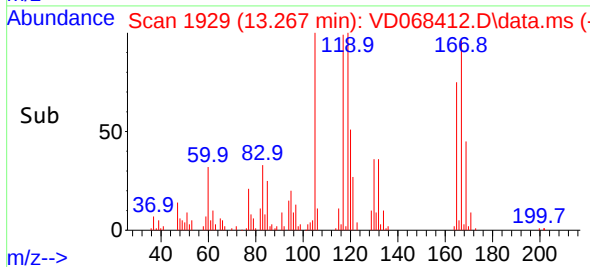
Tgt Ion:119 Resp: 284460
Ion Ratio Lower Upper
119 100
91 63.2 31.1 93.5
134 27.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.55 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



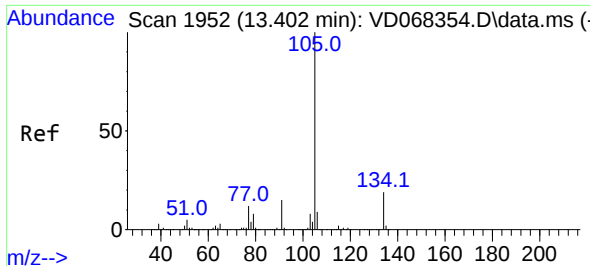
Tgt Ion:105 Resp: 327332
Ion Ratio Lower Upper
105 100
120 46.2 22.4 67.0



Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

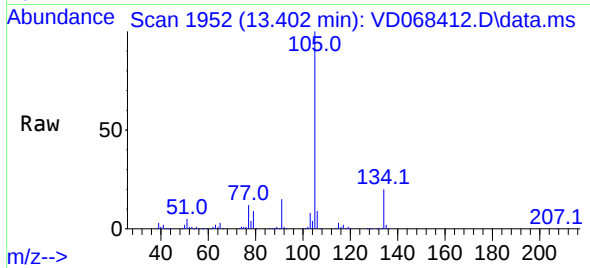
Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:04:49 PM



#85
 sec-Butylbenzene
 Concen: 21.14 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VD068412.D
 Acq: 22 Feb 2021 11:05

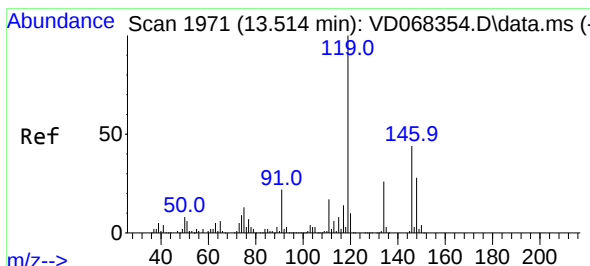
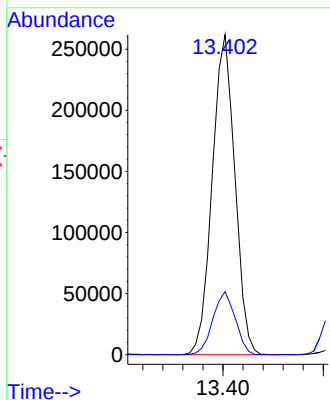
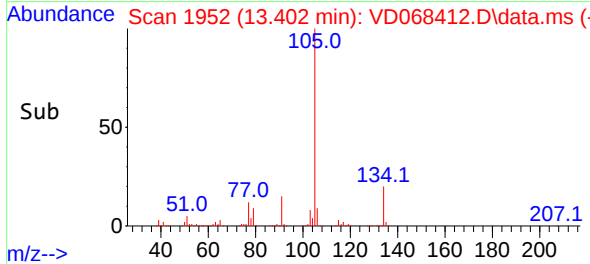
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01



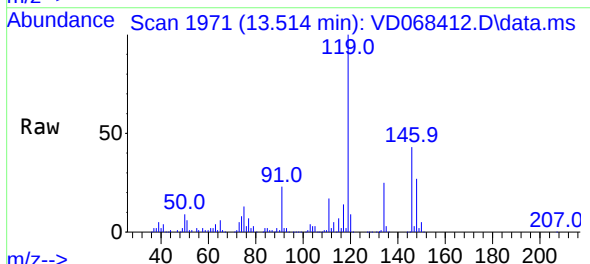
Tgt Ion:105 Resp: 410046
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.3 30.9

Manual Integrations
 APPROVED

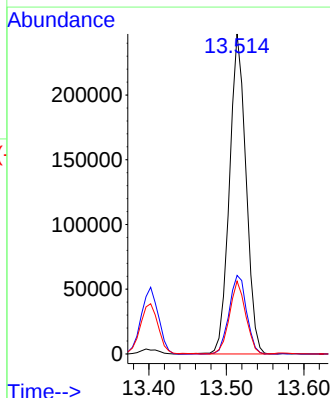
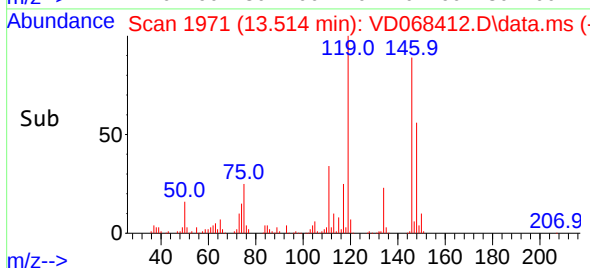
MMDadoda
 2/23/2021 1:04:49 PM

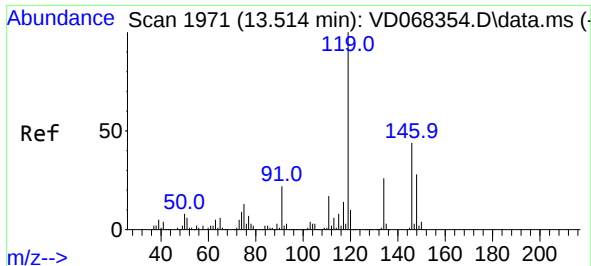


#86
 p-Isopropyltoluene
 Concen: 21.13 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068412.D
 Acq: 22 Feb 2021 11:05

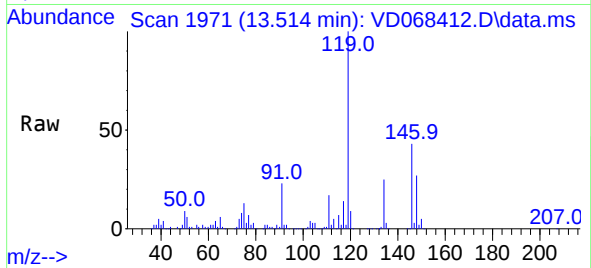


Tgt Ion:119 Resp: 367947
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 22.3 11.7 35.0

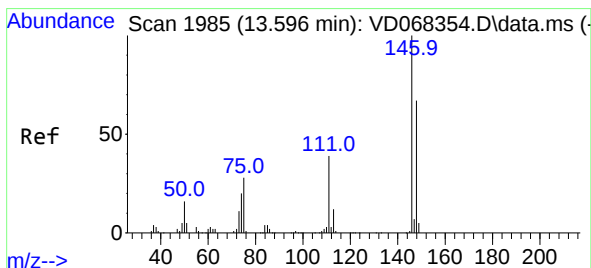
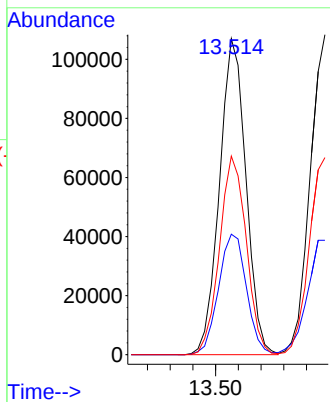
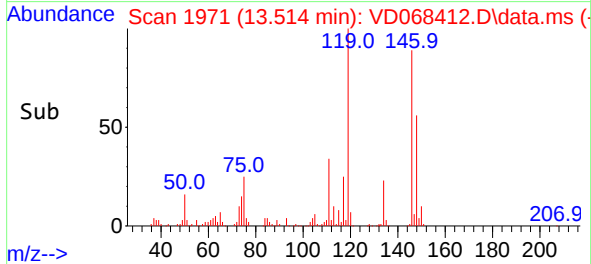




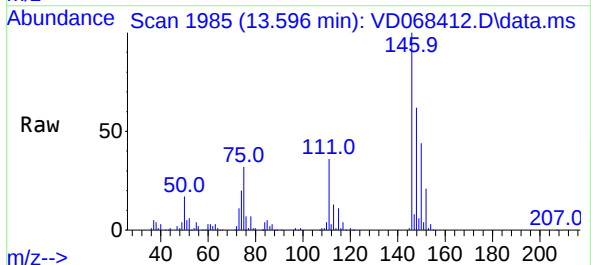
#87
1,3-Dichlorobenzene
Concen: 20.48 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



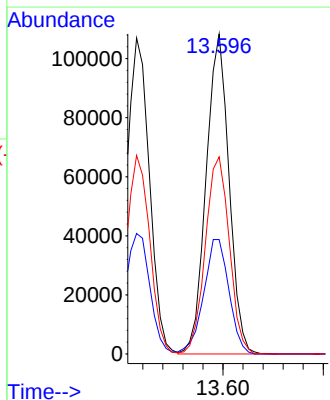
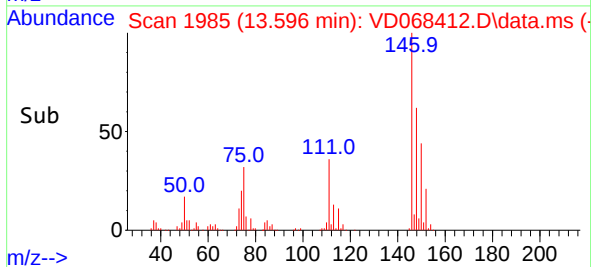
Tgt Ion:146 Resp: 173188
Ion Ratio Lower Upper
146 100
111 40.4 19.5 58.5
148 63.6 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.47 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



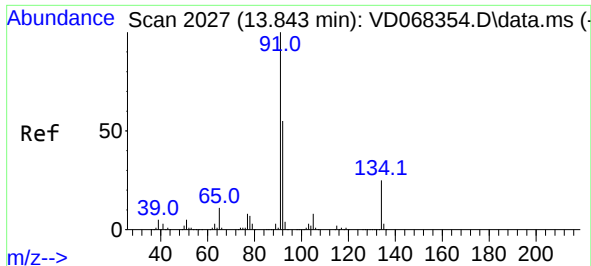
Tgt Ion:146 Resp: 172245
Ion Ratio Lower Upper
146 100
111 39.4 19.1 57.1
148 64.6 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:04:49 PM



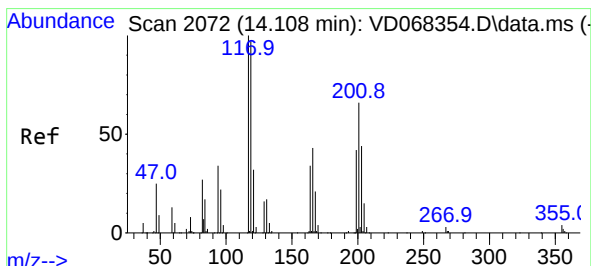
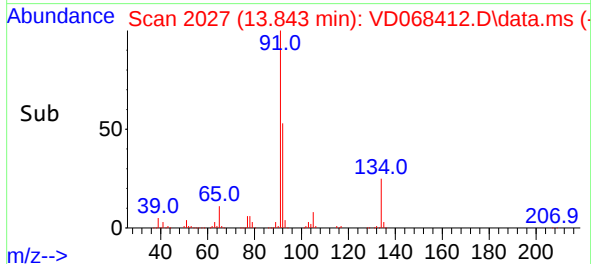
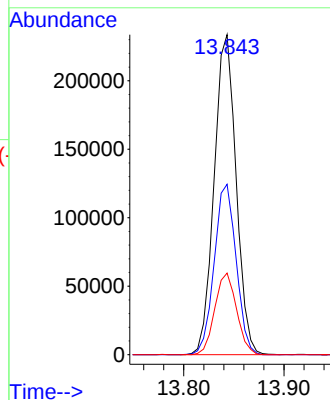
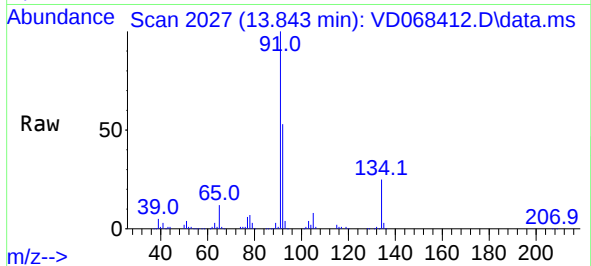
#89
n-Butylbenzene
Concen: 20.85 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion: 91 Resp: 354378
Ion Ratio Lower Upper
91 100
92 53.2 27.2 81.6
134 25.3 13.9 41.7

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

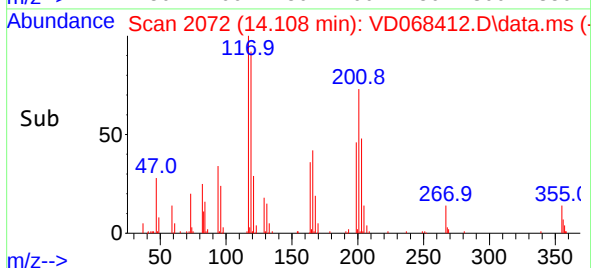
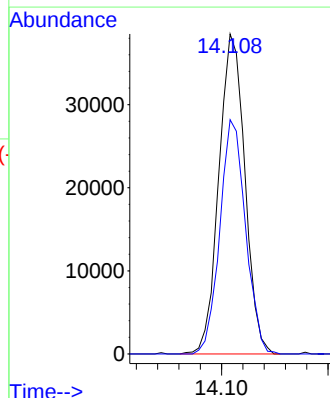
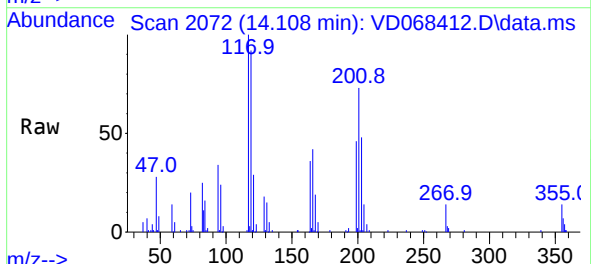
Manual Integrations
APPROVED

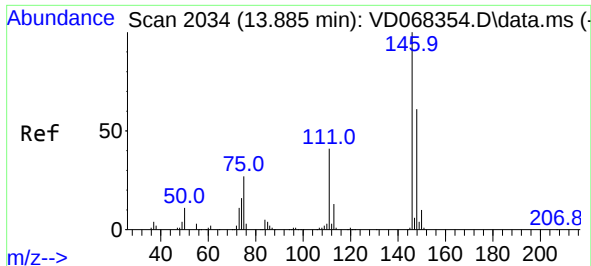
MMDadoda
2/23/2021 1:04:49 PM



#90
Hexachloroethane
Concen: 20.63 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

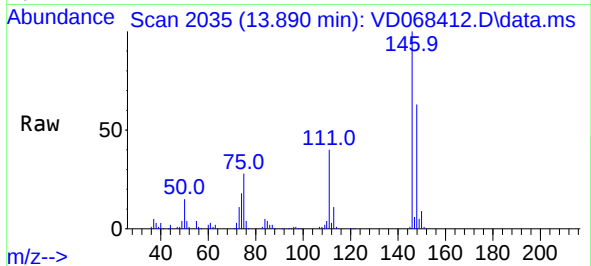
Tgt Ion: 117 Resp: 65226
Ion Ratio Lower Upper
117 100
201 72.3 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 20.50 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

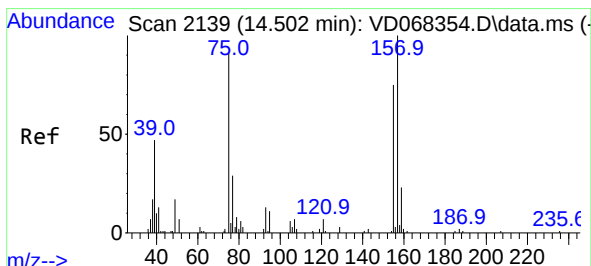
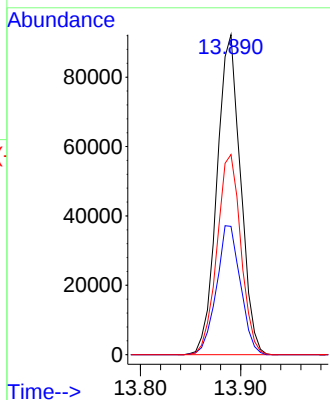
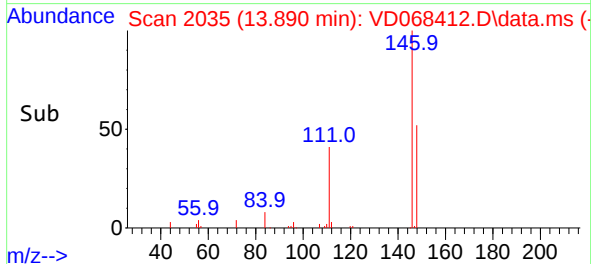
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



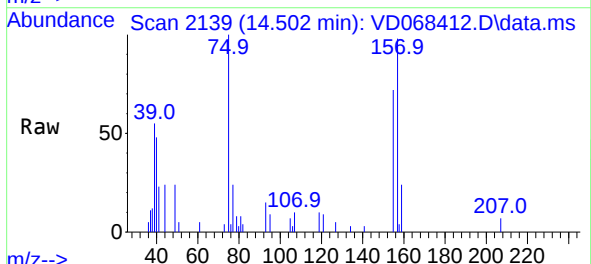
Tgt Ion:146 Resp: 150332
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.9
148 63.3 31.7 95.1

Manual Integrations
APPROVED

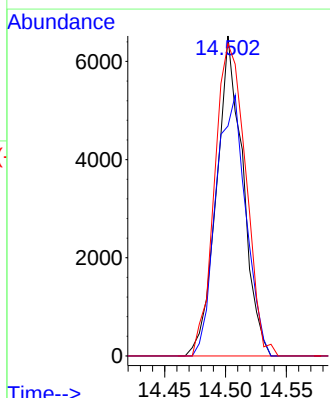
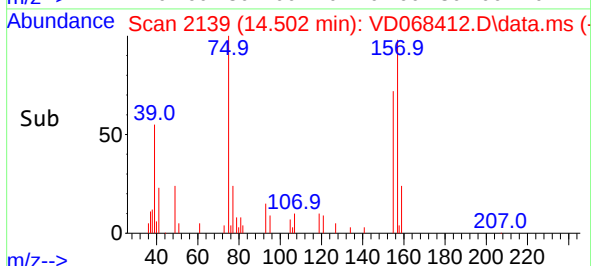
MMDadoda
2/23/2021 1:04:49 PM

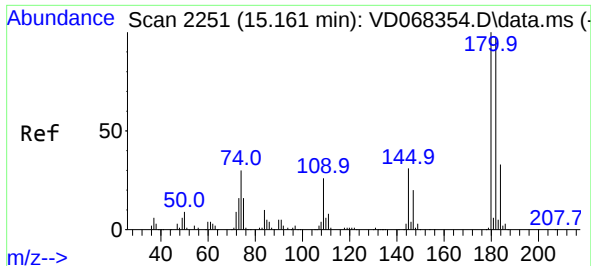


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.71 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



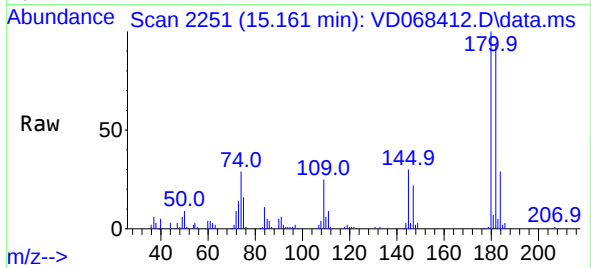
Tgt Ion: 75 Resp: 9774
Ion Ratio Lower Upper
75 100
155 93.2 48.0 144.2
157 115.7 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 20.74 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

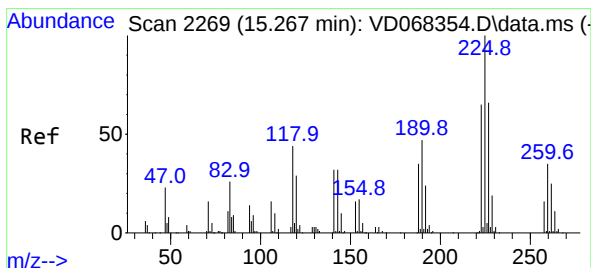
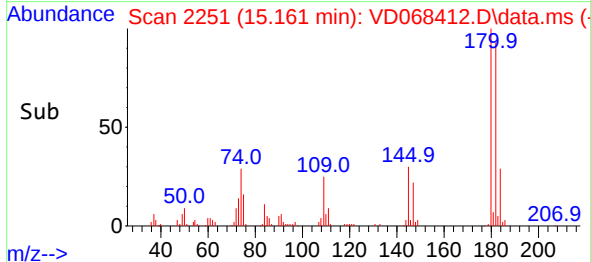
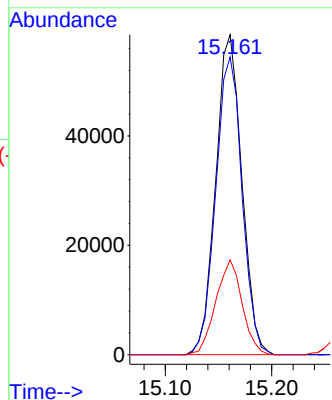
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01



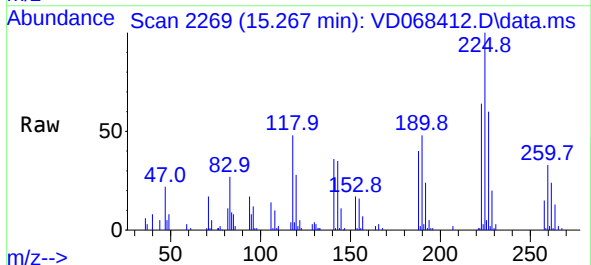
Tgt Ion:180 Resp: 99635
Ion Ratio Lower Upper
180 100
182 93.7 46.8 140.4
145 29.8 15.2 45.5

Manual Integrations
APPROVED

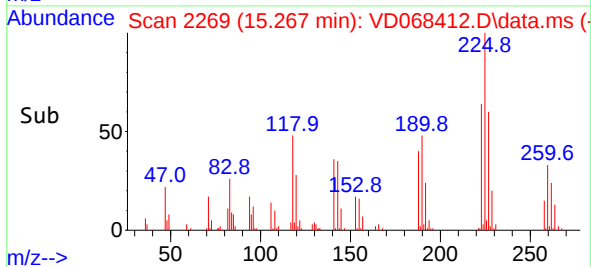
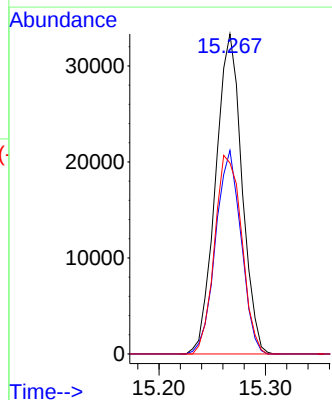
MMDadoda
2/23/2021 1:04:49 PM

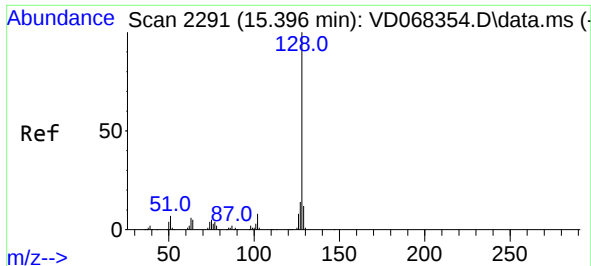


#94
Hexachlorobutadiene
Concen: 21.65 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05



Tgt Ion:225 Resp: 57208
Ion Ratio Lower Upper
225 100
223 61.4 31.9 95.5
227 63.9 32.1 96.5





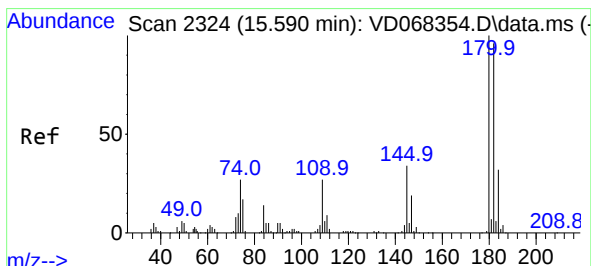
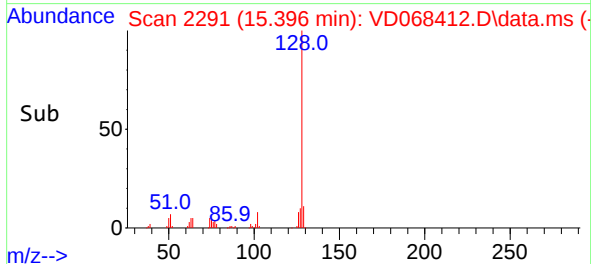
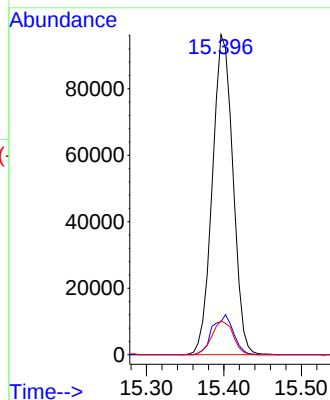
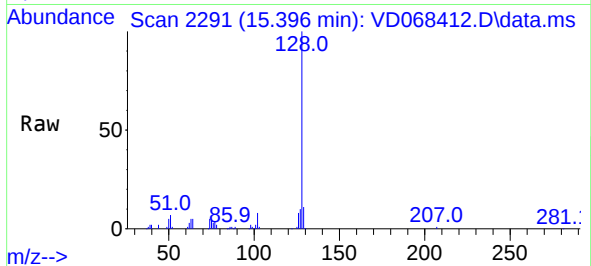
#95
Naphthalene
Concen: 19.92 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:	128	Resp:	177885
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBS01

Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:04:49 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.49 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.006 min
Lab File: VD068412.D
Acq: 22 Feb 2021 11:05

Tgt Ion:	180	Resp:	81657
Ion Ratio	Lower	Upper	
180	100		
182	97.6	48.3	144.8
145	33.7	16.7	50.1

