

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD068998.D
 Acq On : 28 Apr 2021 12:12
 Operator : VA/SY
 Sample : VD0428SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0428SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 5:51:32 PM

Quant Time: Apr 29 06:29:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	259633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	419794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	398212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	202896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127635	46.52	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.04%			
35) Dibromofluoromethane	7.914	113	146878	53.79	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.58%			
50) Toluene-d8	10.338	98	544997	52.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.82%			
62) 4-Bromofluorobenzene	12.631	95	180646	52.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	54017	21.00	ug/l	96
3) Chloromethane	2.209	50	60213	19.91	ug/l	99
4) Vinyl Chloride	2.350	62	80547	21.20	ug/l	96
5) Bromomethane	2.756	94	67129	23.64	ug/l	97
6) Chloroethane	2.920	64	58883	23.58	ug/l	99
7) Trichlorofluoromethane	3.267	101	104739	23.43	ug/l	92
8) Diethyl Ether	3.714	74	27800	23.02	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	63628	23.58	ug/l	98
10) Methyl Iodide	4.297	142	53119	18.31	ug/l	98
11) Tert butyl alcohol	5.220	59	23461m	149.00	ug/l	
12) 1,1-Dichloroethene	4.067	96	54935	21.14	ug/l	87
13) Acrolein	3.920	56	7903	73.18	ug/l	93
14) Allyl chloride	4.714	41	55671	19.01	ug/l	91
15) Acrylonitrile	5.420	53	49455	91.27	ug/l	99
16) Acetone	4.155	43	45704	120.28	ug/l	94
17) Carbon Disulfide	4.408	76	174145	20.70	ug/l	98
18) Methyl Acetate	4.726	43	20226	19.38	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	112055	19.43	ug/l	92
20) Methylene Chloride	4.973	84	87218	26.03	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	62721	18.79	ug/l	92
22) Diisopropyl ether	6.367	45	133481	18.81	ug/l	93
23) Vinyl Acetate	6.302	43	349867	93.03	ug/l	98
24) 1,1-Dichloroethane	6.267	63	106416	19.89	ug/l	98
25) 2-Butanone	7.214	43	55810	103.80	ug/l	92
26) 2,2-Dichloropropane	7.202	77	97150	22.23	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	76681	23.12	ug/l	95
28) Bromochloromethane	7.544	49	35274	18.26	ug/l	94
29) Tetrahydrofuran	7.567	42	34596	95.67	ug/l	95
30) Chloroform	7.708	83	123206	21.04	ug/l	97
31) Cyclohexane	7.991	56	85942	18.82	ug/l	95
32) 1,1,1-Trichloroethane	7.896	97	109780	21.45	ug/l	99
36) 1,1-Dichloropropene	8.108	75	87576	20.61	ug/l	98
37) Ethyl Acetate	7.291	43	28274	22.65	ug/l	98
38) Carbon Tetrachloride	8.096	117	97619	23.20	ug/l	96
39) Methylcyclohexane	9.355	83	102069	20.60	ug/l	94
40) Benzene	8.349	78	261520	21.03	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD068998.D
 Acq On : 28 Apr 2021 12:12
 Operator : VA/SY
 Sample : VD0428SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0428SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 5:51:32 PM

Quant Time: Apr 29 06:29:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	14269m	19.31	ug/l	
42) 1,2-Dichloroethane	8.426	62	72363	22.02	ug/l	98
43) Isopropyl Acetate	8.455	43	51238	20.14	ug/l	96
44) Trichloroethene	9.108	130	77124	22.46	ug/l	94
45) 1,2-Dichloropropane	9.390	63	61063	20.56	ug/l	95
46) Dibromomethane	9.473	93	35610	21.52	ug/l	91
47) Bromodichloromethane	9.661	83	95238	22.03	ug/l	99
48) Methyl methacrylate	9.461	41	22332	17.81	ug/l	82
49) 1,4-Dioxane	9.467	88	8388	478.87	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	131557	102.59	ug/l	98
52) Toluene	10.402	92	175093	22.24	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	82265	21.47	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	99896	21.80	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	53427	22.84	ug/l	96
56) Ethyl methacrylate	10.655	69	49313	20.48	ug/l	95
57) 1,3-Dichloropropane	10.943	76	82194	21.34	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	106029	94.07	ug/l	94
59) 2-Hexanone	10.985	43	90236	105.16	ug/l	99
60) Dibromochloromethane	11.137	129	69409	23.66	ug/l	98
61) 1,2-Dibromoethane	11.243	107	50853	22.37	ug/l	99
64) Tetrachloroethene	10.873	164	64633	23.15	ug/l	94
65) Chlorobenzene	11.667	112	193978	22.50	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.743	131	71598	23.10	ug/l	99
67) Ethyl Benzene	11.743	91	322278	21.59	ug/l	99
68) m/p-Xylenes	11.849	106	254430	44.17	ug/l	96
69) o-Xylene	12.179	106	112802	21.54	ug/l	98
70) Styrene	12.190	104	198756	21.77	ug/l	99
71) Bromoform	12.355	173	37058	22.32	ug/l #	98
73) Isopropylbenzene	12.479	105	306520	20.69	ug/l	99
74) N-amyl acetate	12.284	43	46037	18.32	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	56358	20.35	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	35689m	19.25	ug/l	
77) Bromobenzene	12.755	156	74689	20.97	ug/l	94
78) n-propylbenzene	12.820	91	361659	20.10	ug/l	97
79) 2-Chlorotoluene	12.902	91	204367	20.33	ug/l	96
80) 1,3,5-Trimethylbenzene	12.955	105	263838	21.30	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	15906	19.91	ug/l	98
82) 4-Chlorotoluene	13.002	91	217615	20.42	ug/l	97
83) tert-Butylbenzene	13.220	119	210533	20.03	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	259789	20.77	ug/l	98
85) sec-Butylbenzene	13.396	105	301008	20.30	ug/l	99
86) p-Isopropyltoluene	13.514	119	276270	20.40	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	152127	21.56	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	148717	21.30	ug/l	99
89) n-Butylbenzene	13.837	91	251797	19.74	ug/l	99
90) Hexachloroethane	14.108	117	55143	20.44	ug/l	96
91) 1,2-Dichlorobenzene	13.884	146	132039	21.63	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8565	20.35	ug/l	93
93) 1,2,4-Trichlorobenzene	15.155	180	82661	21.88	ug/l	99
94) Hexachlorobutadiene	15.261	225	48634	22.48	ug/l	99
95) Naphthalene	15.396	128	133030	20.21	ug/l	98
96) 1,2,3-Trichlorobenzene	15.584	180	71831	21.74	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
Data File : VD068998.D
Acq On : 28 Apr 2021 12:12
Operator : VA/SY
Sample : VD0428SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:51:32 PM

Quant Time: Apr 29 06:29:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

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

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

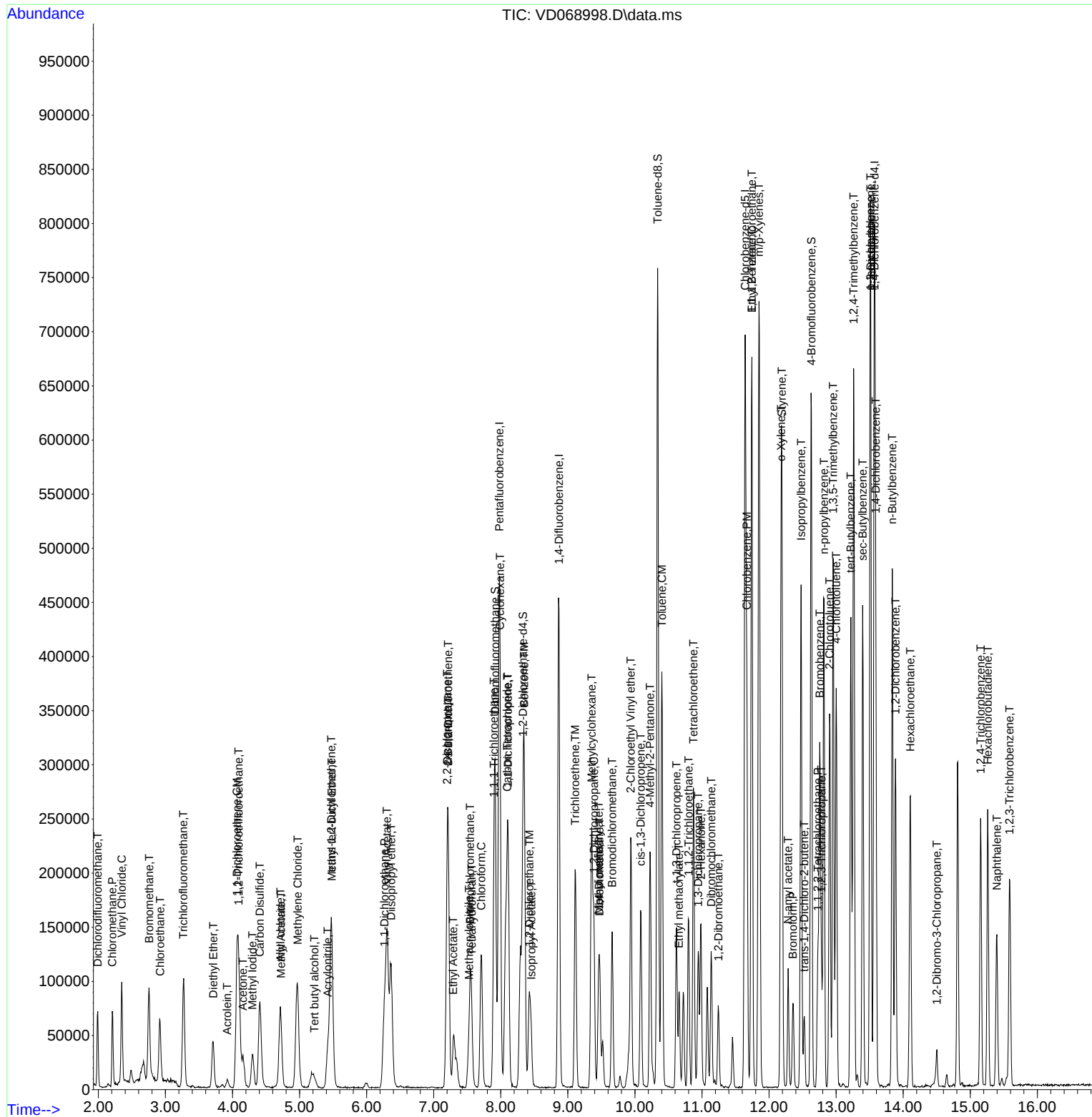
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
Data File : VD068998.D
Acq On : 28 Apr 2021 12:12
Operator : VA/SY
Sample : VD0428SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

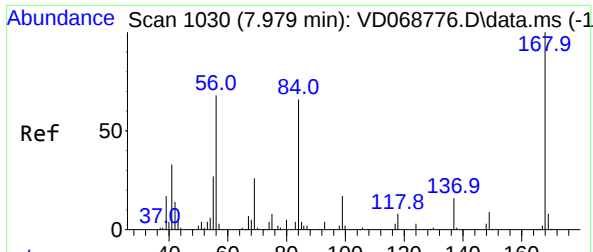
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

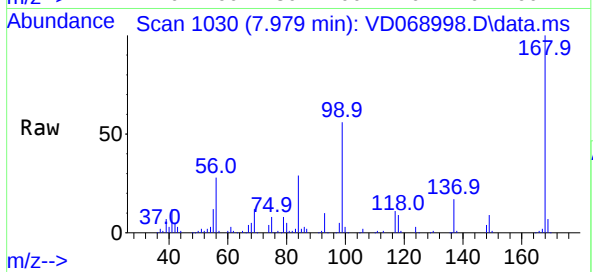
MMDadoda
4/29/2021 5:51:32 PM

Quant Time: Apr 29 06:29:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

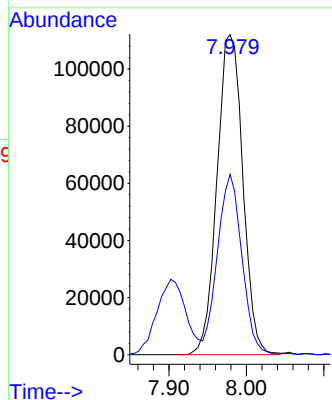
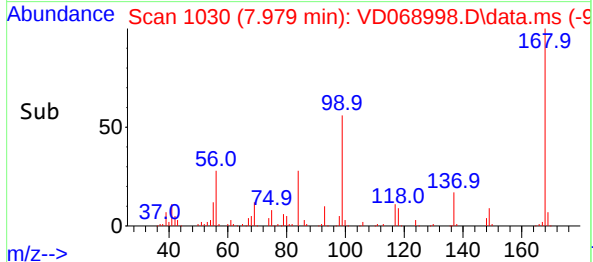




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



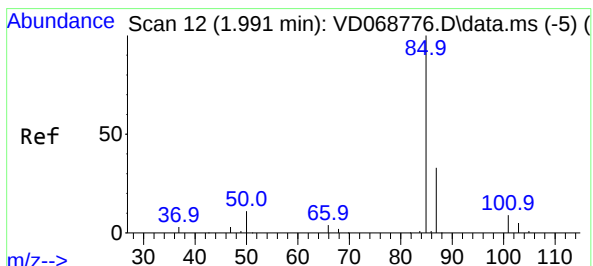
Tgt Ion: 168 Resp: 259633
Ion Ratio Lower Upper
168 100
99 56.1 46.2 69.2



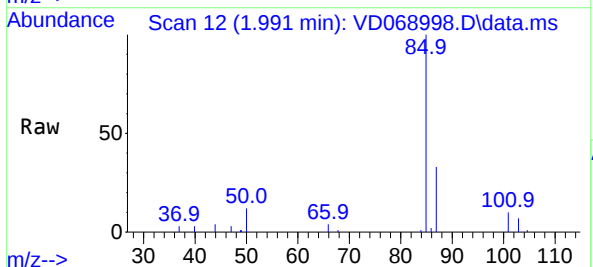
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

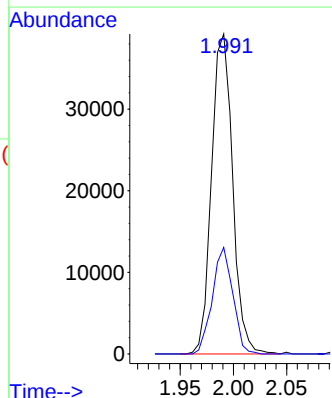
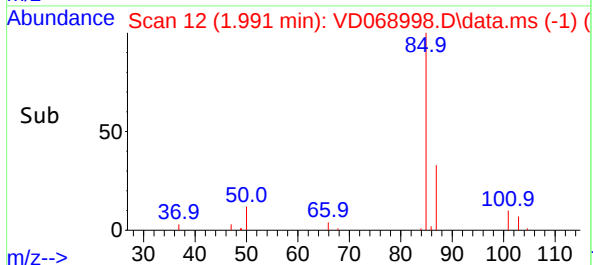
MMDadoda
4/29/2021 5:51:32 PM

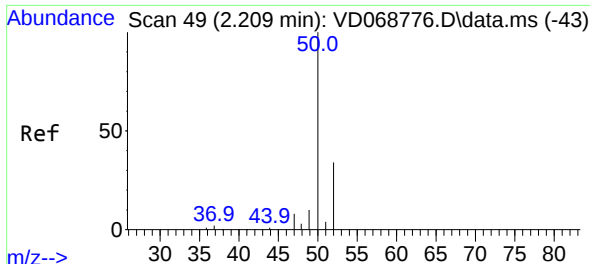


#2
Dichlorodifluoromethane
Concen: 21.00 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



Tgt Ion: 85 Resp: 54017
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.0





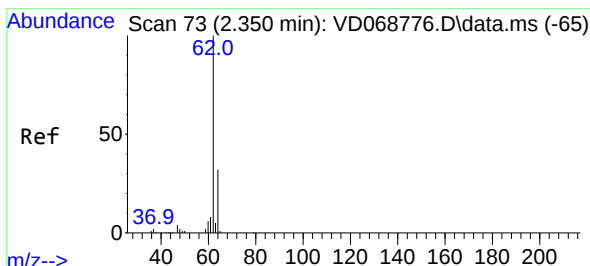
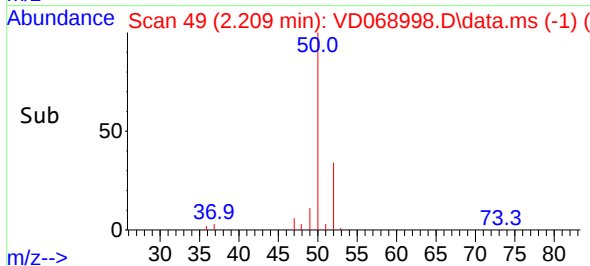
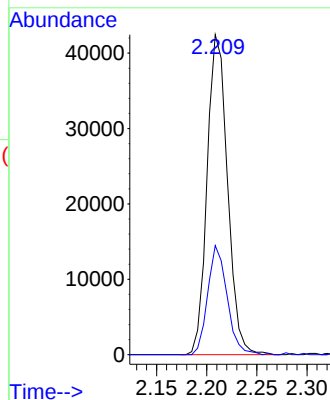
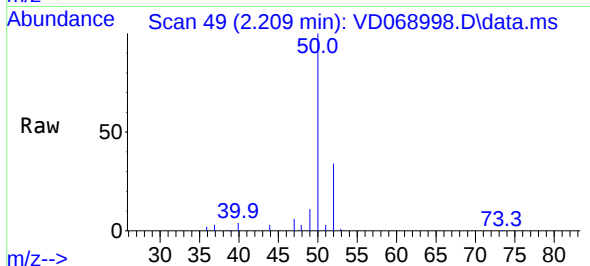
#3
Chloromethane
Concen: 19.91 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 50 Resp: 60213
Ion Ratio Lower Upper
50 100
52 34.1 26.7 40.1

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

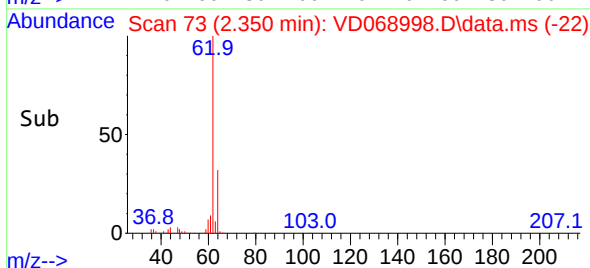
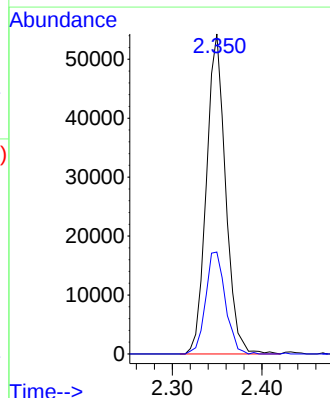
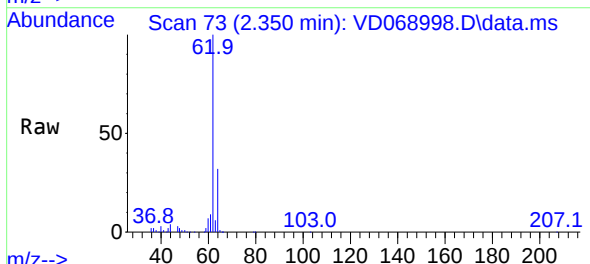
Manual Integrations
APPROVED

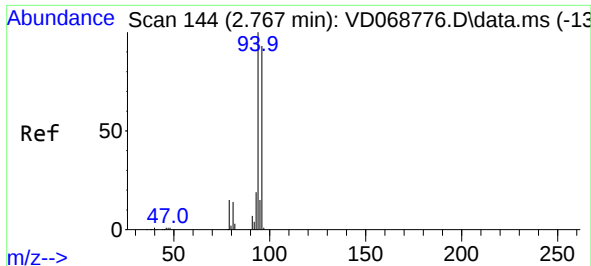
MMDadoda
4/29/2021 5:51:32 PM



#4
Vinyl Chloride
Concen: 21.20 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 62 Resp: 80547
Ion Ratio Lower Upper
62 100
64 31.9 27.1 40.7





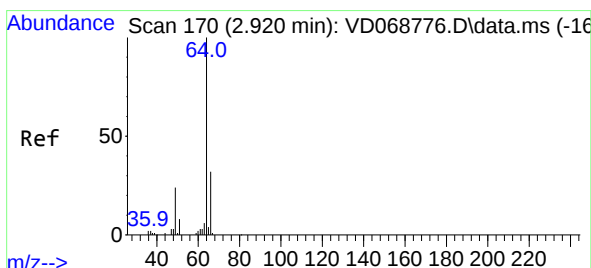
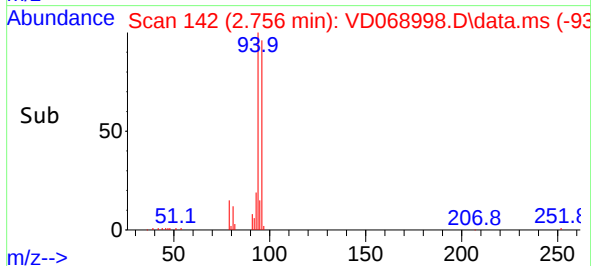
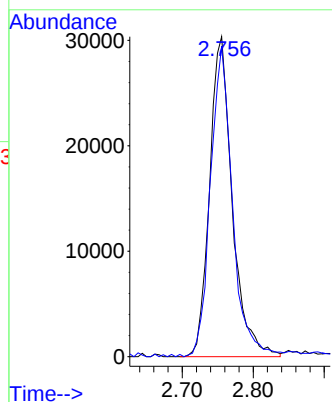
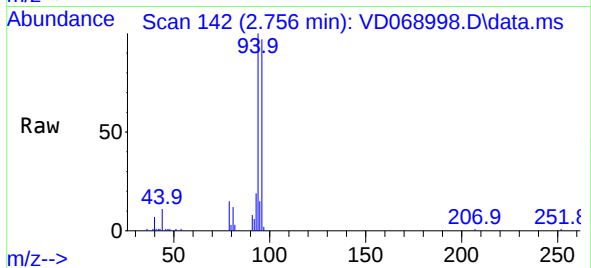
#5
Bromomethane
Concen: 23.64 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.011 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 94 Resp: 67129
Ion Ratio Lower Upper
94 100
96 96.3 74.7 112.1

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

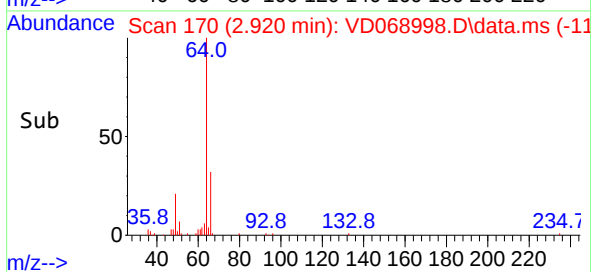
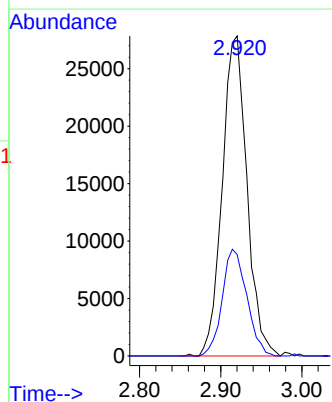
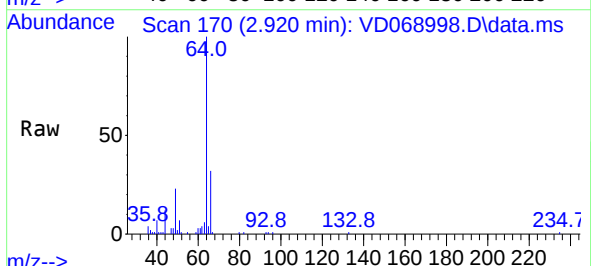
Manual Integrations
APPROVED

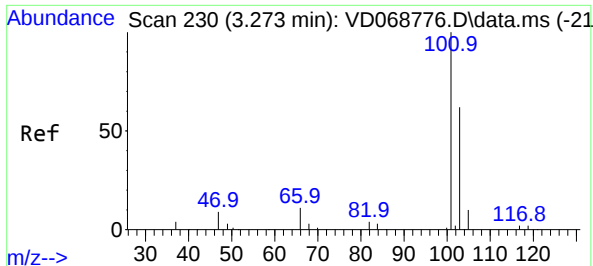
MMDadoda
4/29/2021 5:51:32 PM



#6
Chloroethane
Concen: 23.58 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 64 Resp: 58883
Ion Ratio Lower Upper
64 100
66 31.7 26.0 39.0





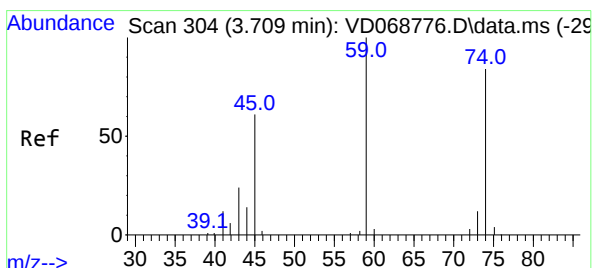
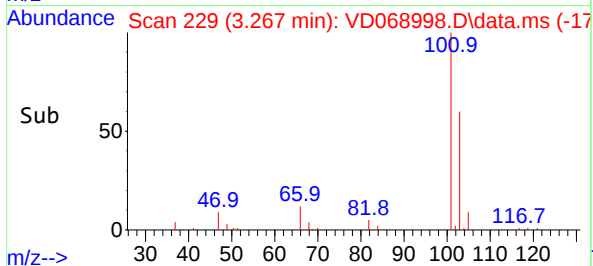
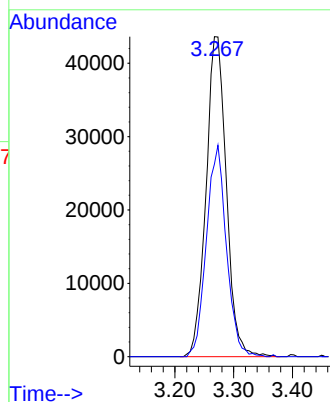
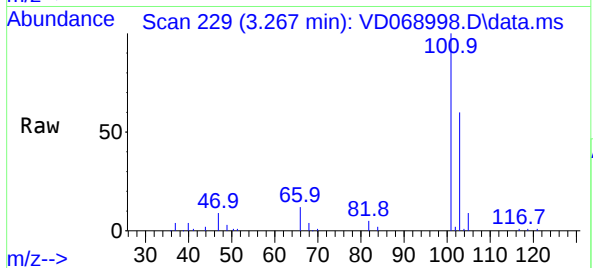
#7
Trichlorofluoromethane
Concen: 23.43 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:101 Resp: 104739
Ion Ratio Lower Upper
101 100
103 60.2 53.4 80.2

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

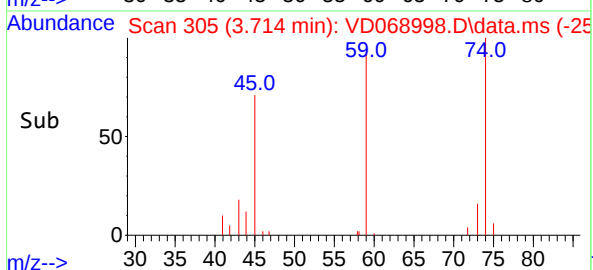
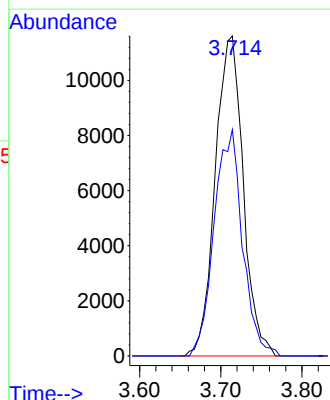
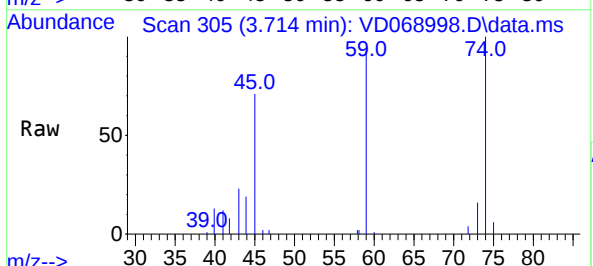
Manual Integrations
APPROVED

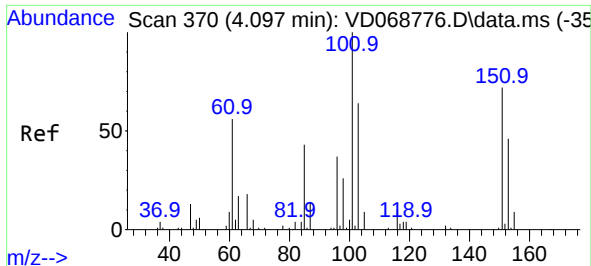
MMDadoda
4/29/2021 5:51:32 PM



#8
Diethyl Ether
Concen: 23.02 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.005 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 74 Resp: 27800
Ion Ratio Lower Upper
74 100
45 71.7 40.5 121.5





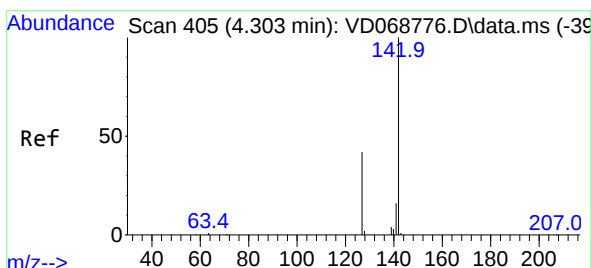
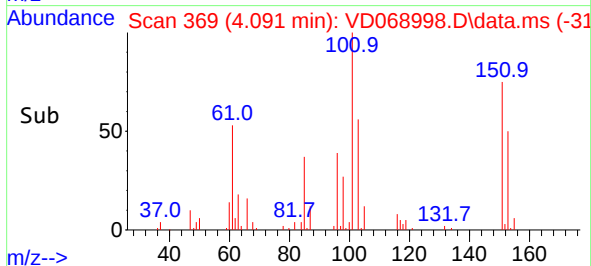
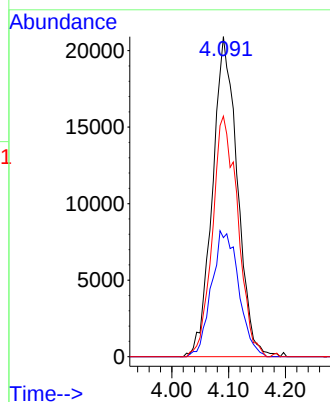
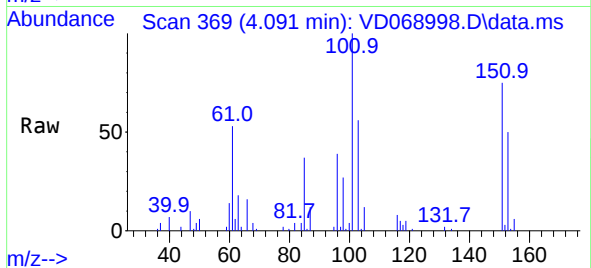
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.58 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:	101	Resp:	63628
Ion	Ratio	Lower	Upper
101	100		
85	42.8	33.8	50.6
151	76.7	59.4	89.2

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

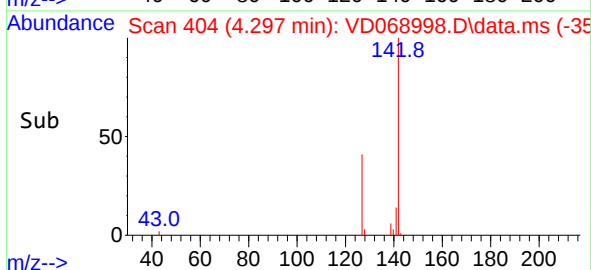
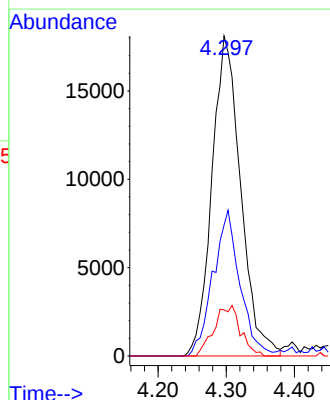
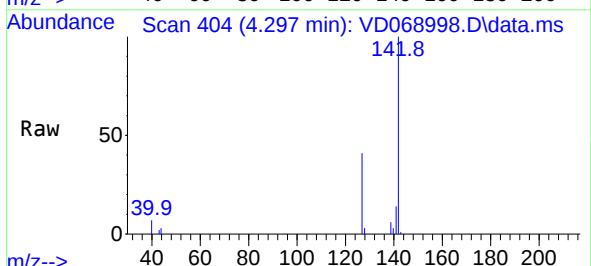
Manual Integrations
APPROVED

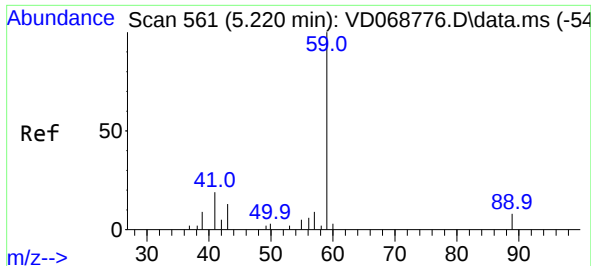
MMDadoda
4/29/2021 5:51:32 PM



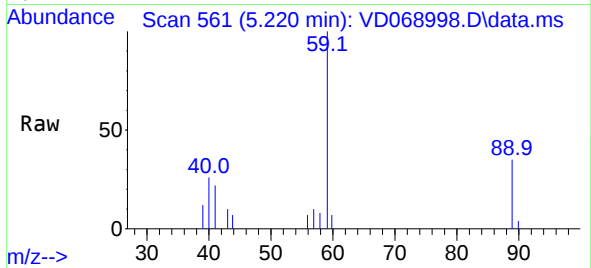
#10
Methyl Iodide
Concen: 18.31 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:	142	Resp:	53119
Ion	Ratio	Lower	Upper
142	100		
127	42.4	34.7	52.1
141	14.5	11.0	16.4

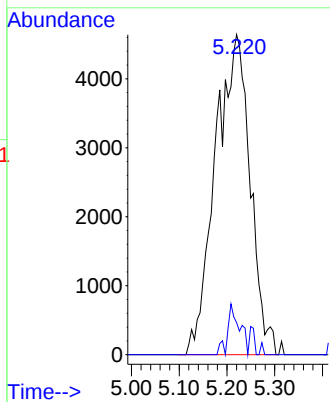
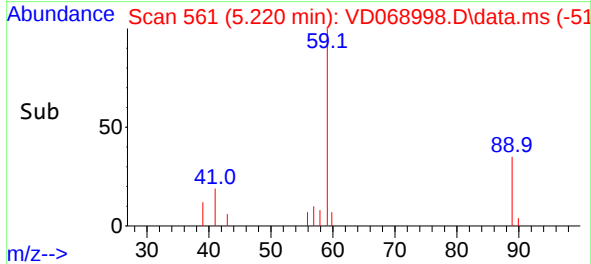




#11
Tert butyl alcohol
Concen: 149.00 ug/l m
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



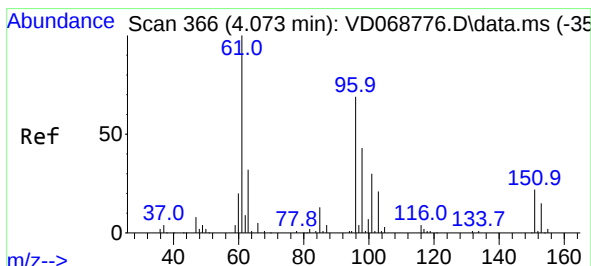
Tgt Ion: 59 Resp: 23461
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



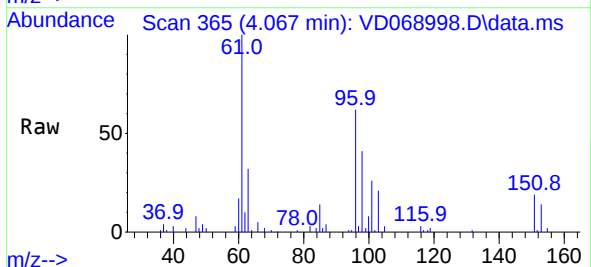
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

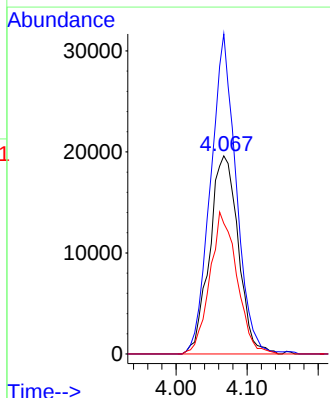
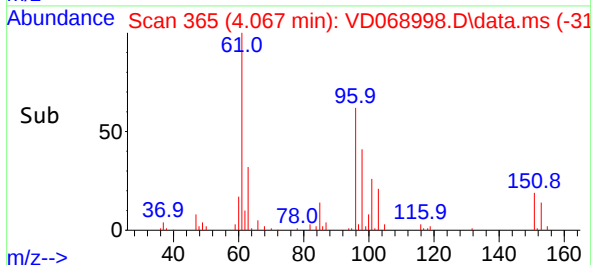
MMDadoda
4/29/2021 5:51:32 PM



#12
1,1-Dichloroethene
Concen: 21.14 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

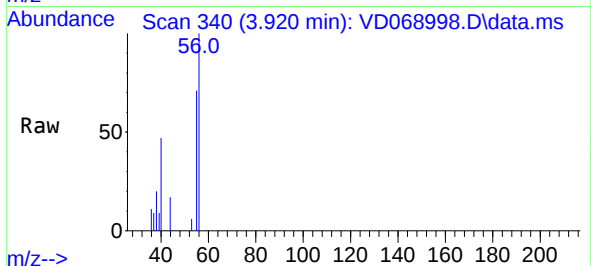


Tgt Ion: 96 Resp: 54935
Ion Ratio Lower Upper
96 100
61 161.6 112.2 168.2
98 65.9 50.2 75.2

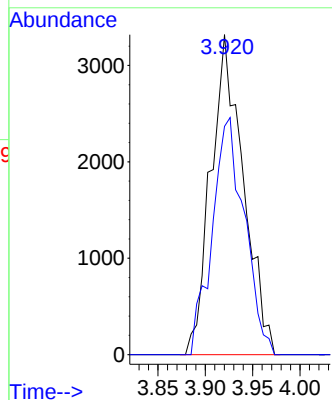




#13
Acrolein
Concen: 73.18 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



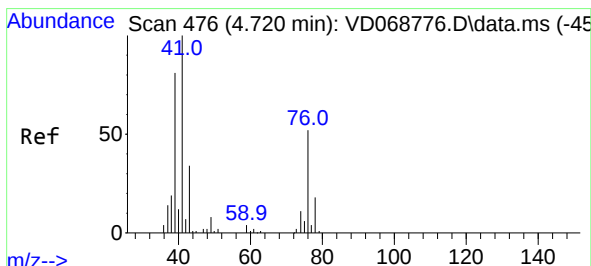
Tgt Ion: 56 Resp: 7903
Ion Ratio Lower Upper
56 100
55 73.8 54.7 82.1



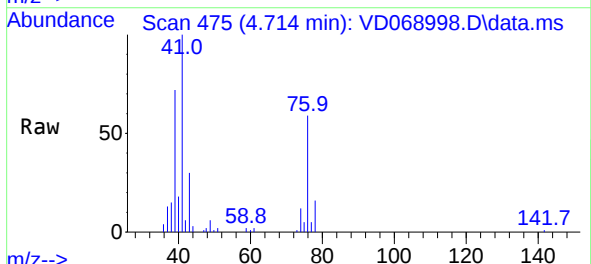
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

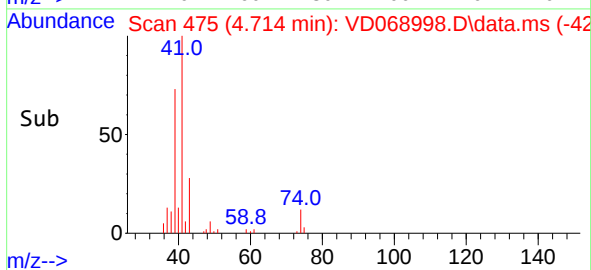
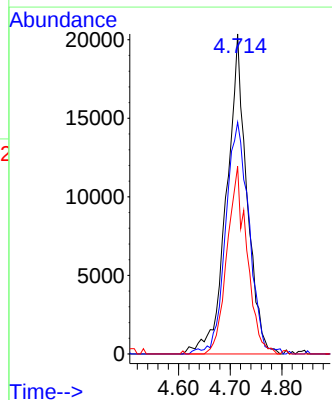
MMDadoda
4/29/2021 5:51:32 PM

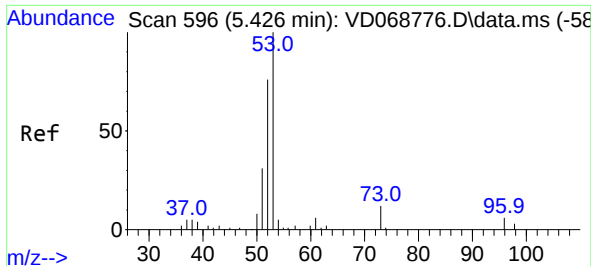


#14
Allyl chloride
Concen: 19.01 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



Tgt Ion: 41 Resp: 55671
Ion Ratio Lower Upper
41 100
39 83.4 60.6 91.0
76 57.5 40.4 60.6





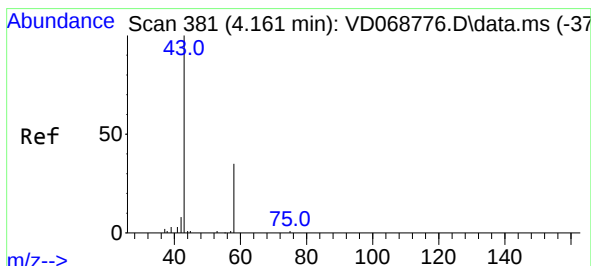
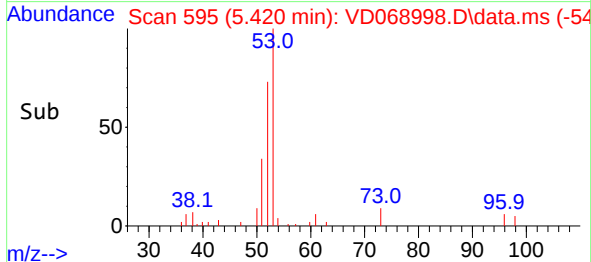
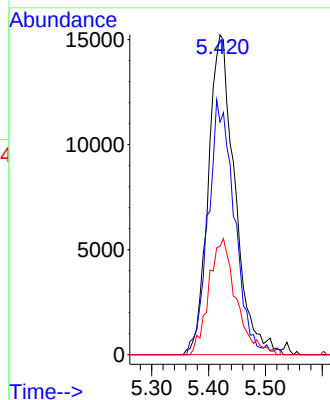
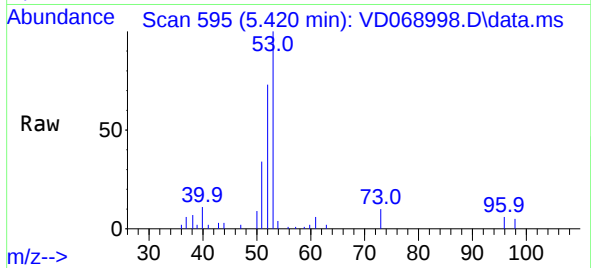
#15
Acrylonitrile
Concen: 91.27 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:	53	Resp:	49455
Ion	Ratio	Lower	Upper
53	100		
52	78.6	63.3	94.9
51	37.3	28.3	42.5

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

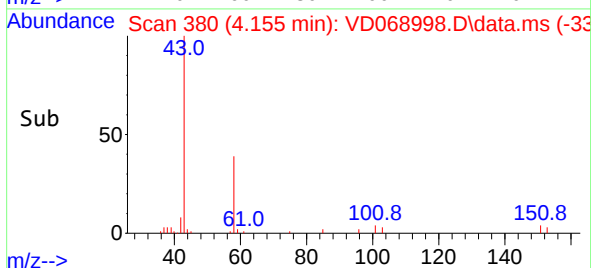
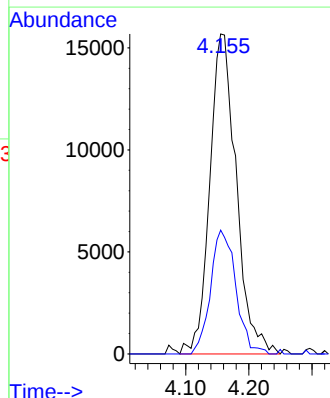
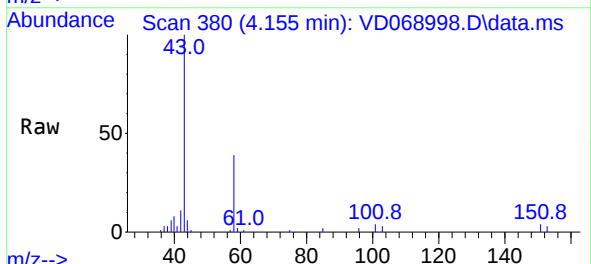
Manual Integrations
APPROVED

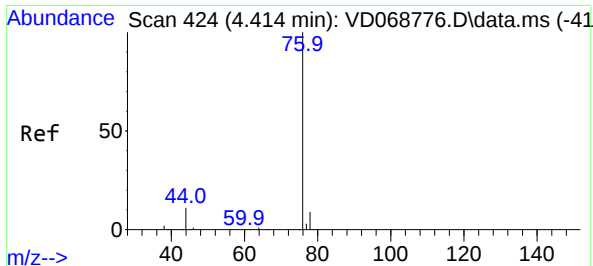
MMDadoda
4/29/2021 5:51:32 PM



#16
Acetone
Concen: 120.28 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:	43	Resp:	45704
Ion	Ratio	Lower	Upper
43	100		
58	38.7	28.0	42.0





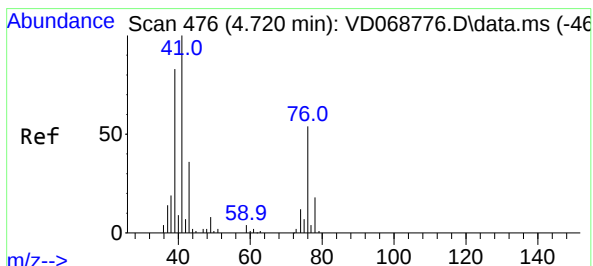
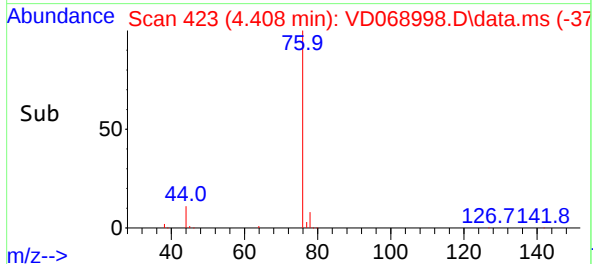
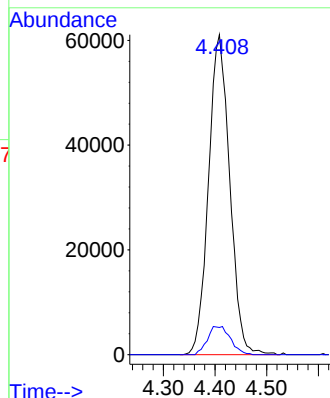
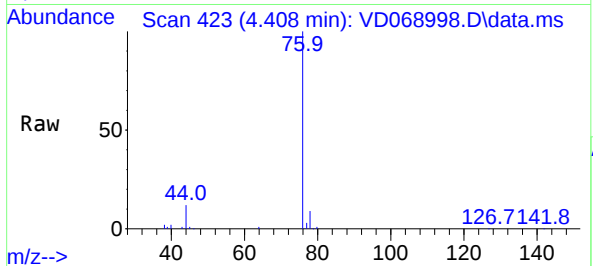
#17
Carbon Disulfide
Concen: 20.70 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 76 Resp: 174145
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

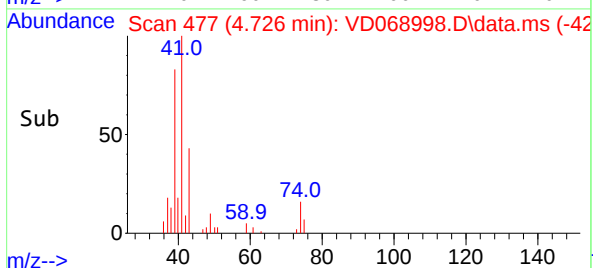
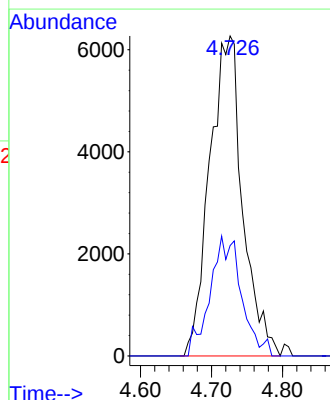
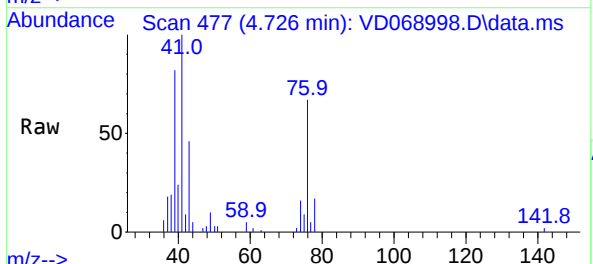
Manual Integrations
APPROVED

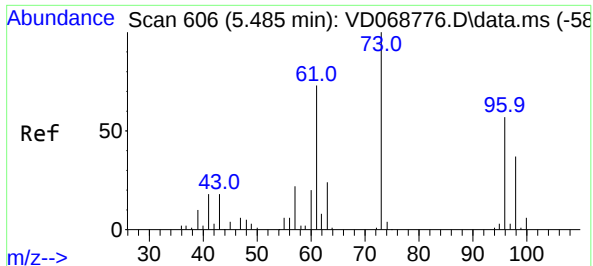
MMDadoda
4/29/2021 5:51:32 PM



#18
Methyl Acetate
Concen: 19.38 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 43 Resp: 20226
Ion Ratio Lower Upper
43 100
74 35.6 25.4 38.2





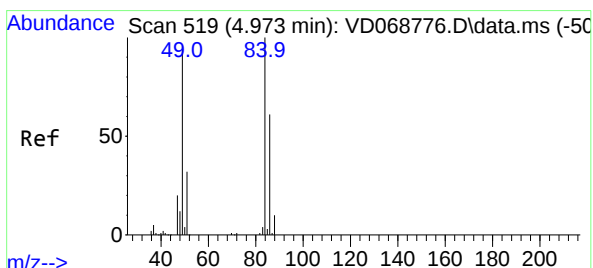
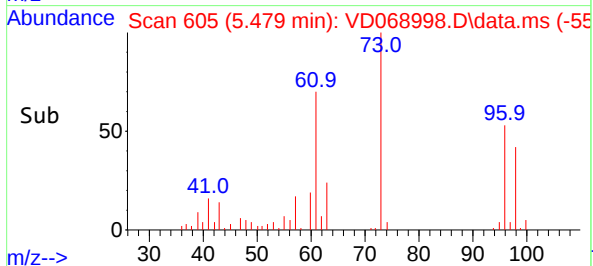
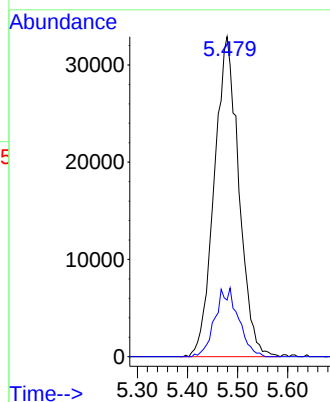
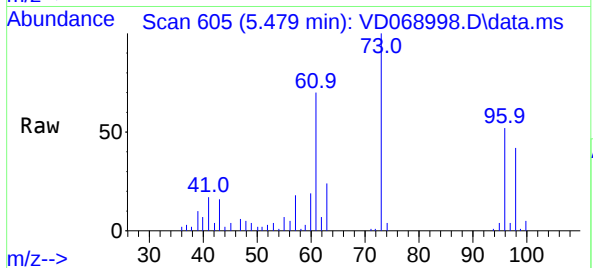
#19
Methyl tert-butyl Ether
Concen: 19.43 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 73 Resp: 112055
Ion Ratio Lower Upper
73 100
57 17.7 17.3 25.9

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

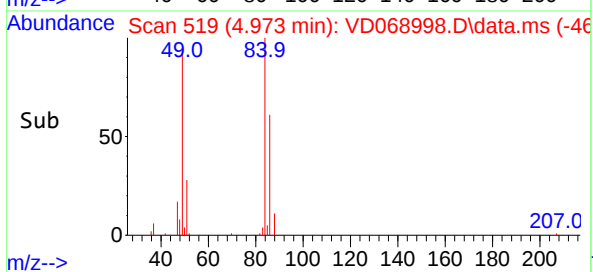
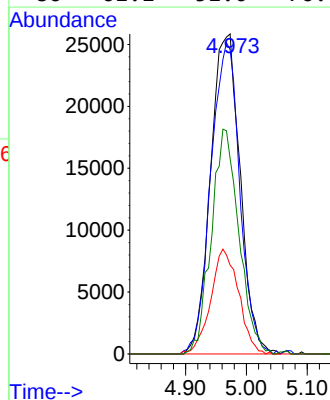
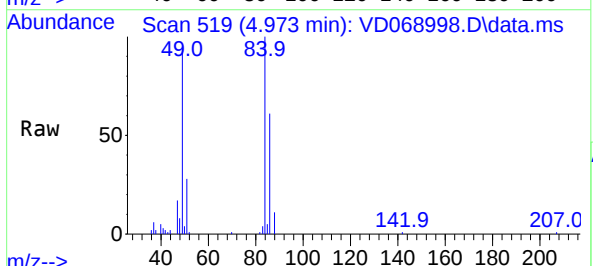
Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:51:32 PM



#20
Methylene Chloride
Concen: 26.03 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

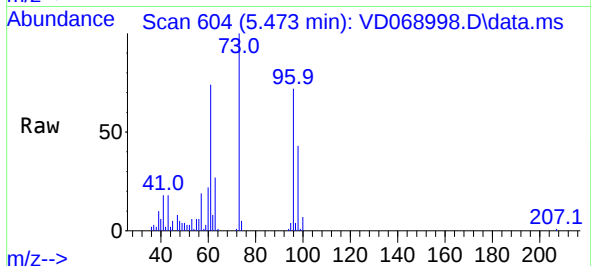
Tgt Ion: 84 Resp: 87218
Ion Ratio Lower Upper
84 100
49 95.1 83.4 125.0
51 27.8 23.4 35.2
86 61.1 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 18.79 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

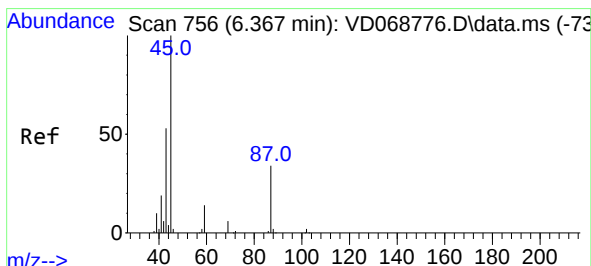
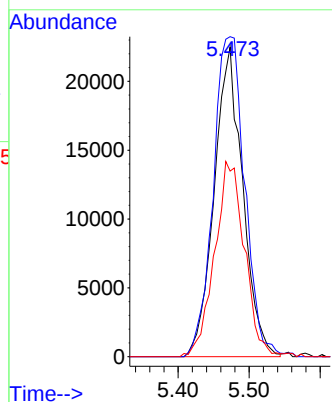
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



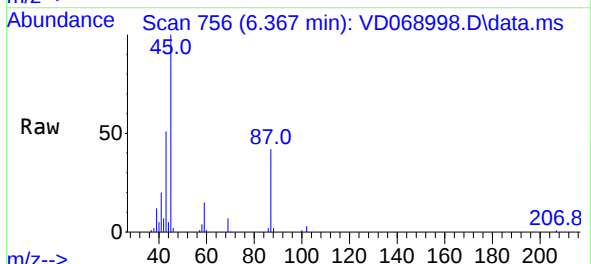
Tgt Ion: 96 Resp: 62721
Ion Ratio Lower Upper
96 100
61 103.4 91.8 137.6
98 59.9 49.3 73.9

Manual Integrations
APPROVED

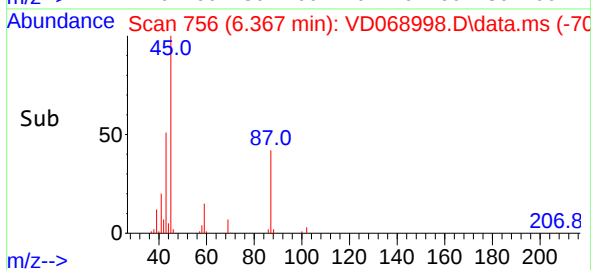
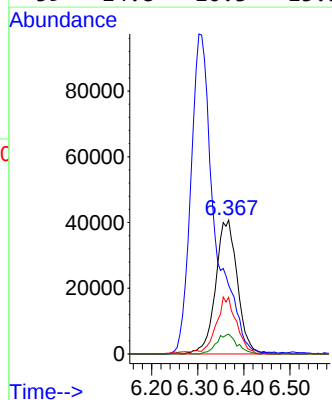
MMDadoda
4/29/2021 5:51:32 PM

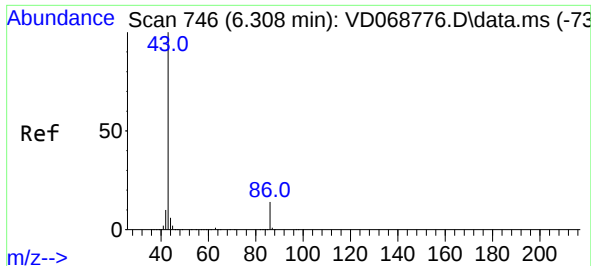


#22
Diisopropyl ether
Concen: 18.81 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



Tgt Ion: 45 Resp: 133481
Ion Ratio Lower Upper
45 100
43 48.9 41.8 62.8
87 42.4 29.2 43.8
59 14.8 10.3 15.5





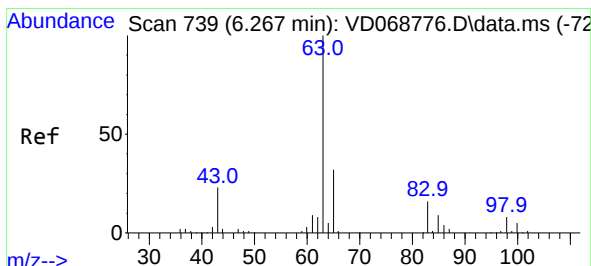
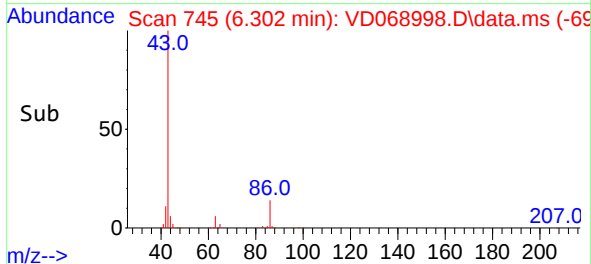
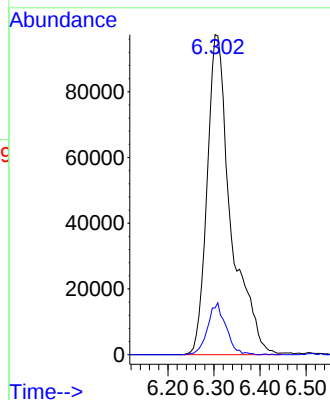
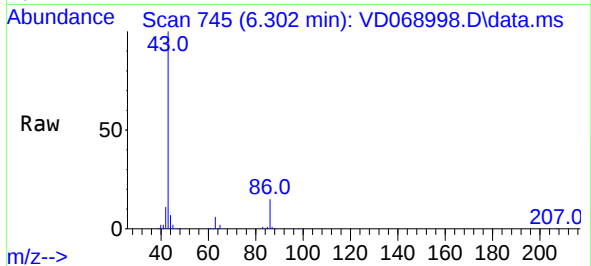
#23
 Vinyl Acetate
 Concen: 93.03 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD068998.D
 Acq: 28 Apr 2021 12:12

Tgt Ion: 43 Resp: 349867
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.0 16.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0428SBS01

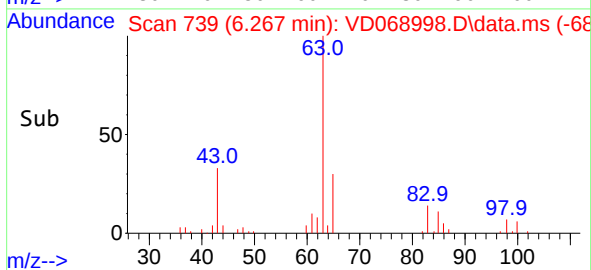
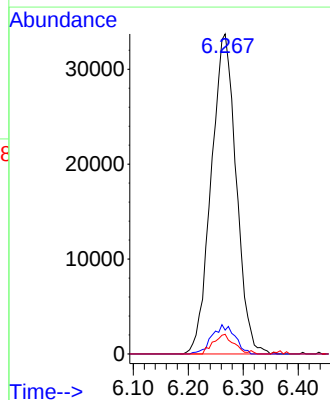
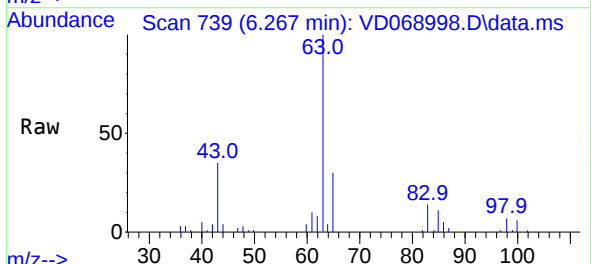
Manual Integrations
 APPROVED

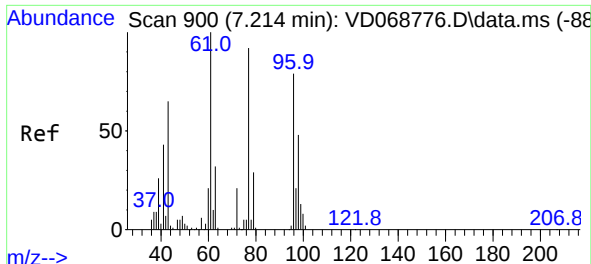
MMDadoda
 4/29/2021 5:51:32 PM



#24
 1,1-Dichloroethane
 Concen: 19.89 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD068998.D
 Acq: 28 Apr 2021 12:12

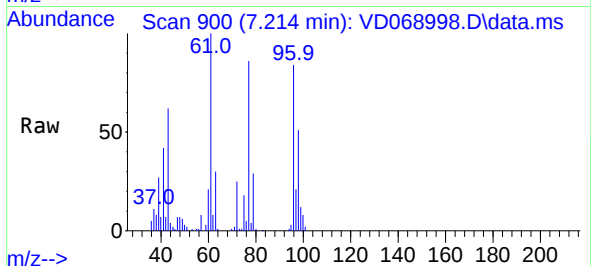
Tgt Ion: 63 Resp: 106416
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 6.1 2.3 6.9





#25
2-Butanone
Concen: 103.80 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

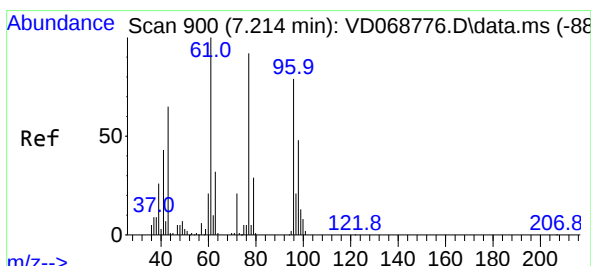
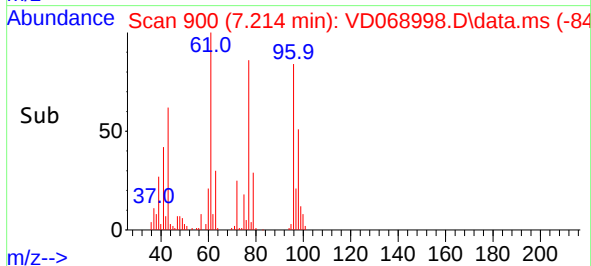
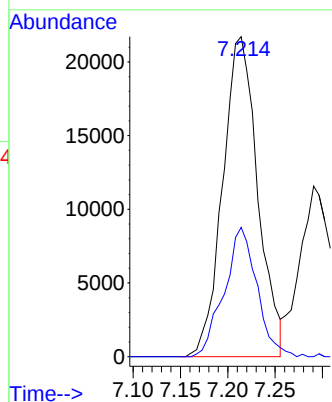
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



Tgt Ion: 43 Resp: 55810
Ion Ratio Lower Upper
43 100
72 40.4 28.6 43.0

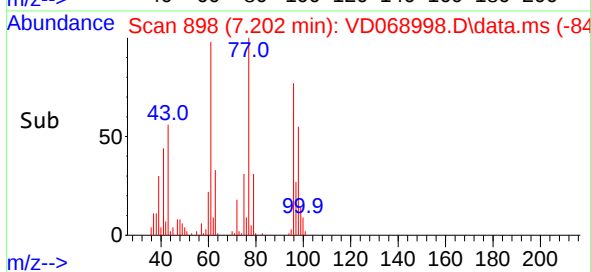
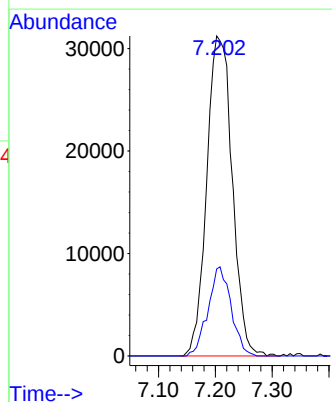
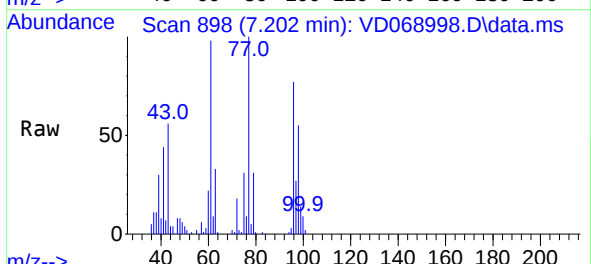
Manual Integrations
APPROVED

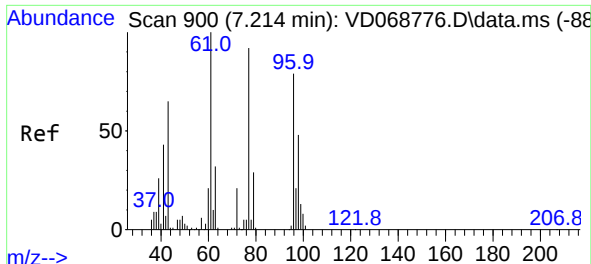
MMDadoda
4/29/2021 5:51:32 PM



#26
2,2-Dichloropropane
Concen: 22.23 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

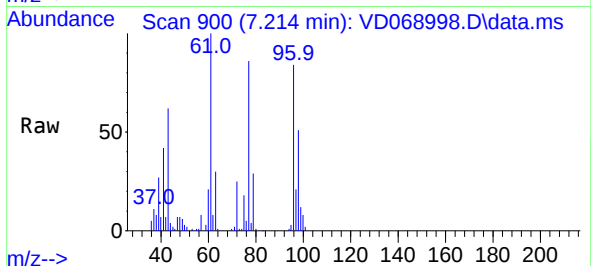
Tgt Ion: 77 Resp: 97150
Ion Ratio Lower Upper
77 100
97 25.2 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 23.12 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

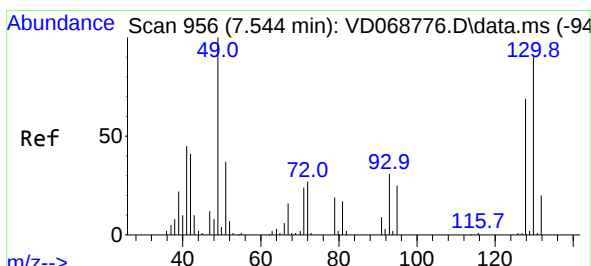
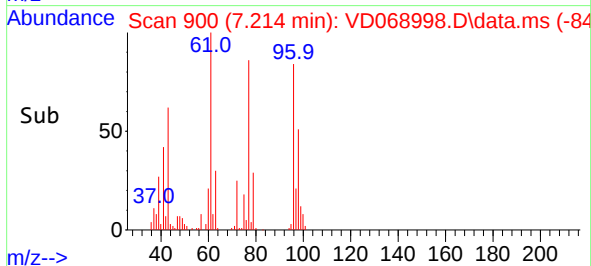
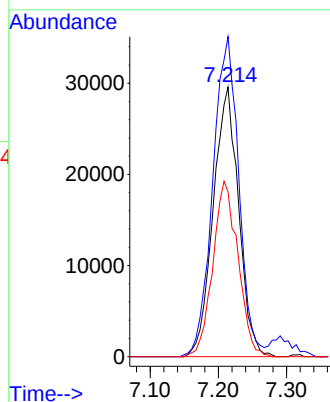
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



Tgt Ion:	96	Resp:	76681
Ion	Ratio	Lower	Upper
96	100		
61	121.3	0.0	258.8
98	64.5	0.0	128.4

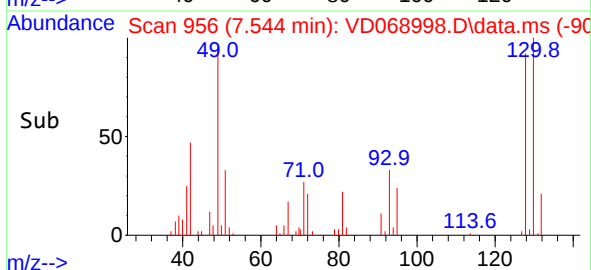
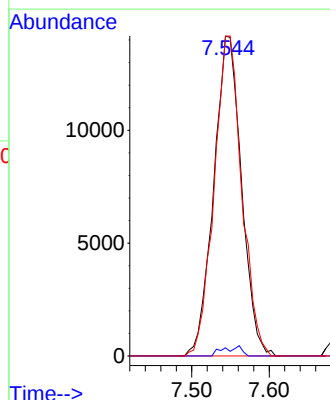
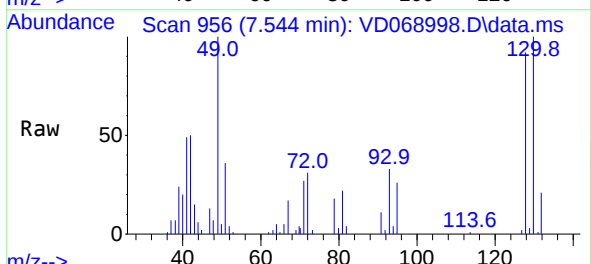
Manual Integrations
APPROVED

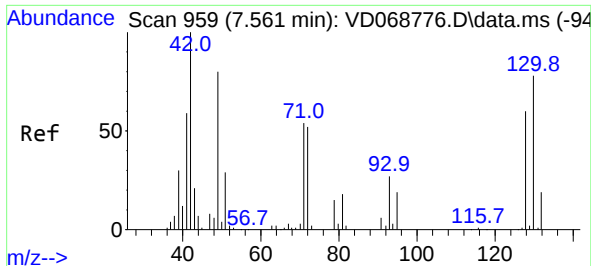
MMDadoda
4/29/2021 5:51:32 PM



#28
Bromochloromethane
Concen: 18.26 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:	49	Resp:	35274
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	5.2
130	99.4	74.6	112.0





#29

Tetrahydrofuran

Concen: 95.67 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD068998.D

Acq: 28 Apr 2021 12:12

Tgt Ion: 42 Resp: 34596

Ion Ratio Lower Upper

42 100

72 58.2 45.2 67.8

71 56.1 40.8 61.2

Instrument :

MSVOA_D

ClientSampleId :

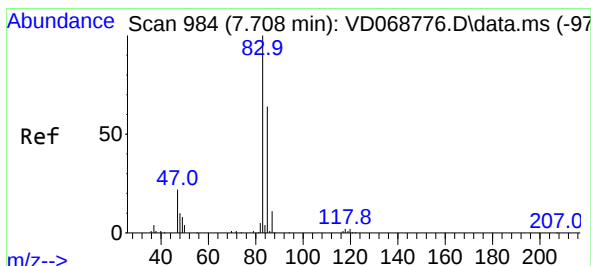
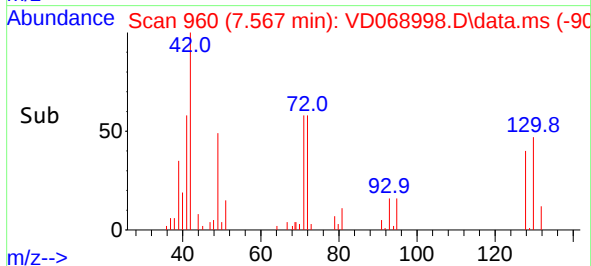
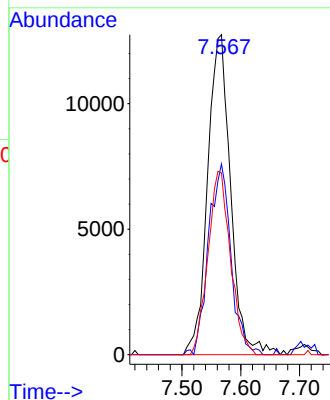
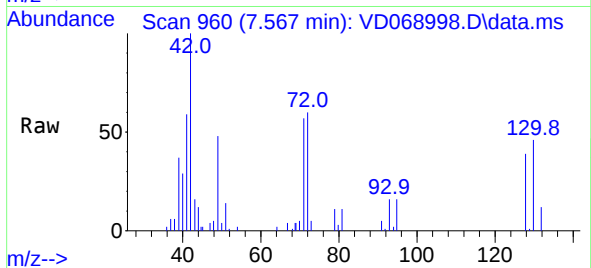
VD0428SBS01

Manual Integrations

APPROVED

MMDadoda

4/29/2021 5:51:32 PM



#30

Chloroform

Concen: 21.04 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD068998.D

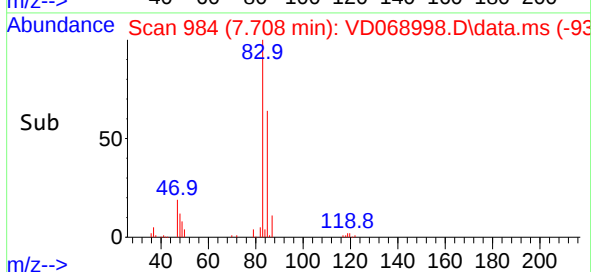
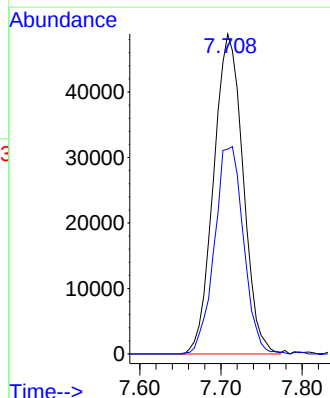
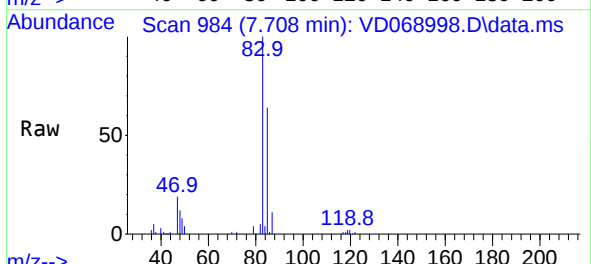
Acq: 28 Apr 2021 12:12

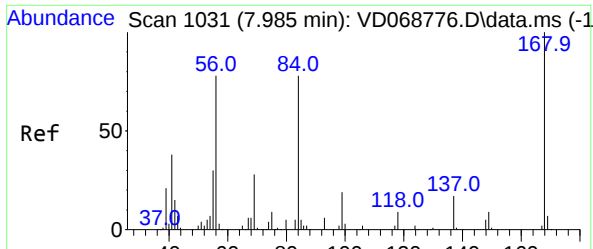
Tgt Ion: 83 Resp: 123206

Ion Ratio Lower Upper

83 100

85 64.0 53.3 79.9





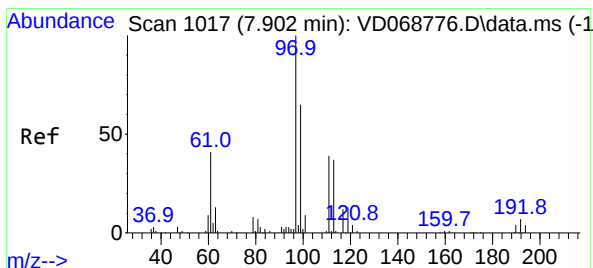
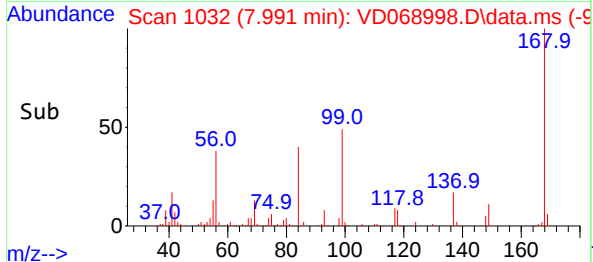
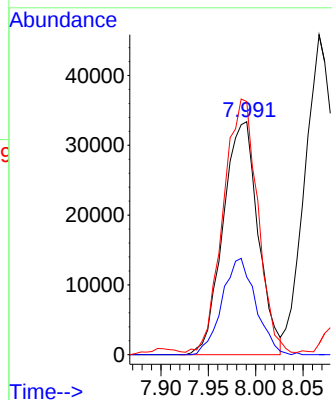
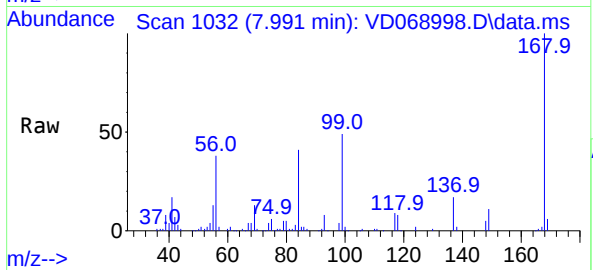
#31
Cyclohexane
Concen: 18.82 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 56 Resp: 85942
Ion Ratio Lower Upper
56 100
69 33.3 30.0 45.0
84 107.3 82.0 123.0

Instrument :
MSVOA_D
ClientSampled :
VD0428SBS01

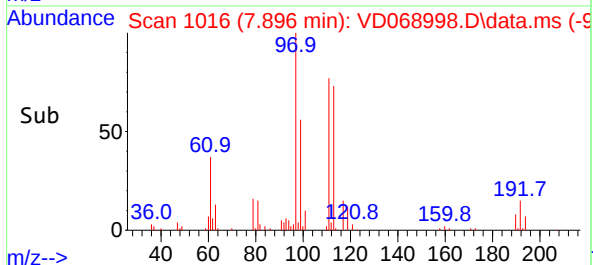
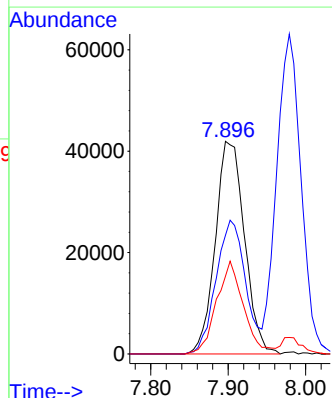
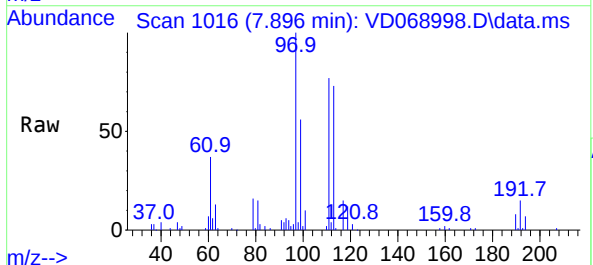
Manual Integrations
APPROVED

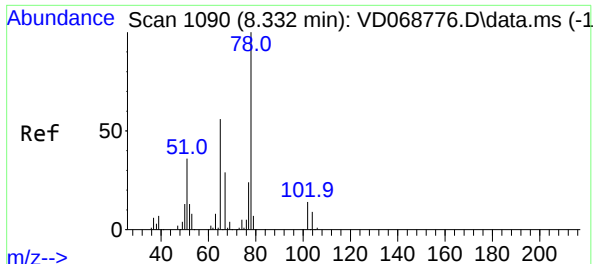
MMDadoda
4/29/2021 5:51:32 PM



#32
1,1,1-Trichloroethane
Concen: 21.45 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 97 Resp: 109780
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 40.5 33.7 50.5





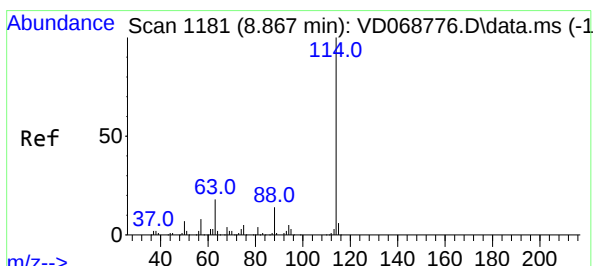
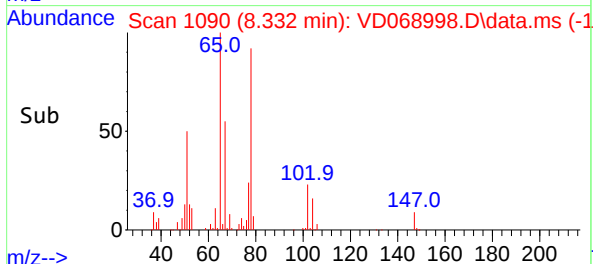
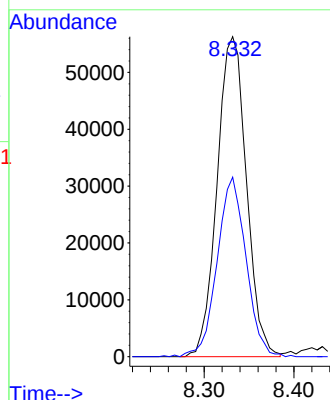
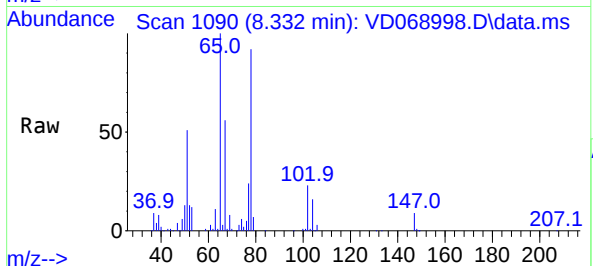
#33
1,2-Dichloroethane-d4
Concen: 46.52 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 65 Resp: 127635
Ion Ratio Lower Upper
65 100
67 55.3 0.0 106.0

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

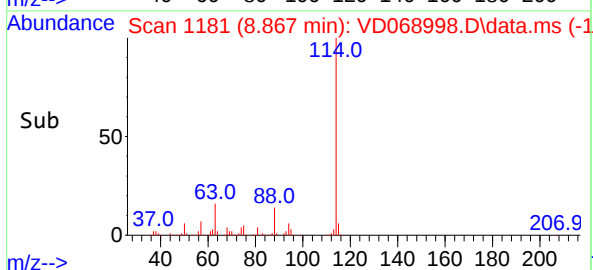
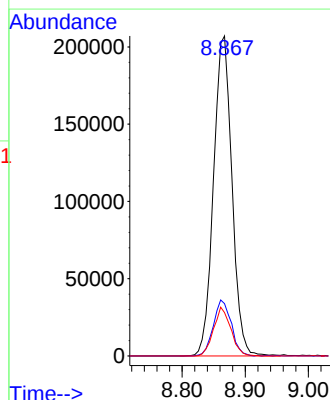
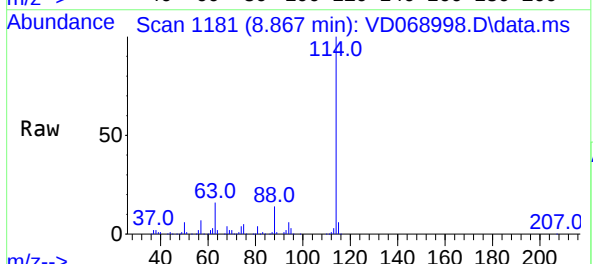
Manual Integrations
APPROVED

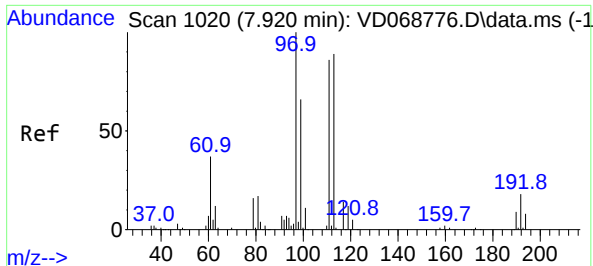
MMDadoda
4/29/2021 5:51:32 PM



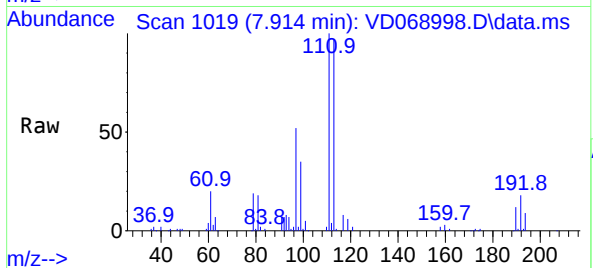
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 114 Resp: 419794
Ion Ratio Lower Upper
114 100
63 16.4 0.0 38.2
88 13.6 0.0 29.4

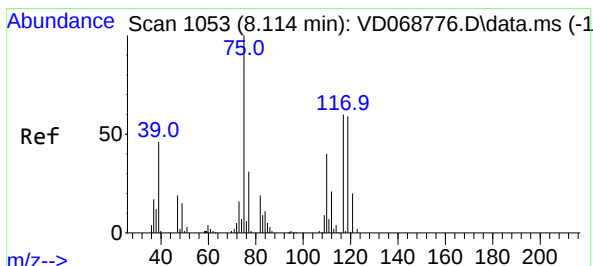
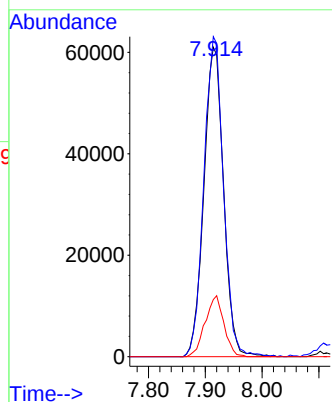
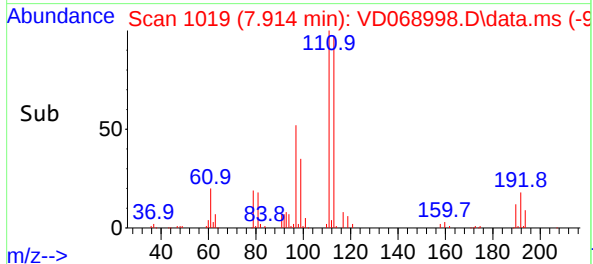




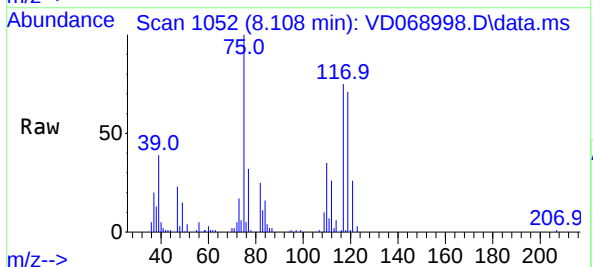
#35
Dibromofluoromethane
Concen: 53.79 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



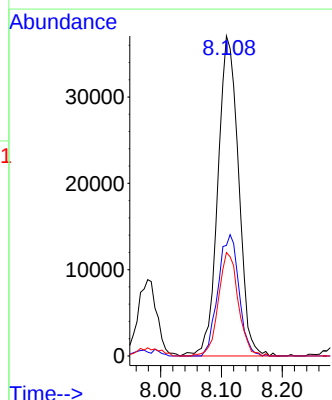
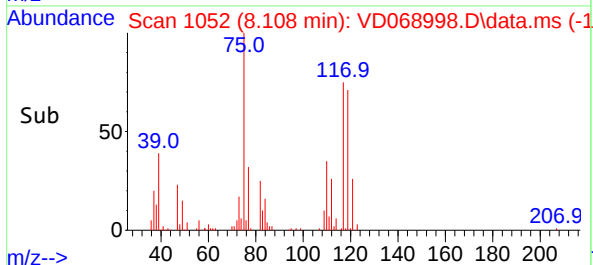
Tgt Ion: 113 Resp: 146878
Ion Ratio Lower Upper
113 100
111 102.7 82.5 123.7
192 18.8 15.1 22.7



#36
1,1-Dichloropropene
Concen: 20.61 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



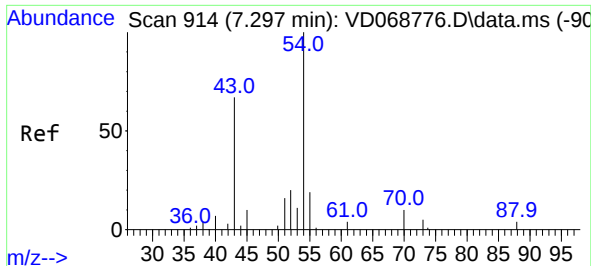
Tgt Ion: 75 Resp: 87576
Ion Ratio Lower Upper
75 100
110 38.2 18.1 54.4
77 31.0 24.7 37.1



Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

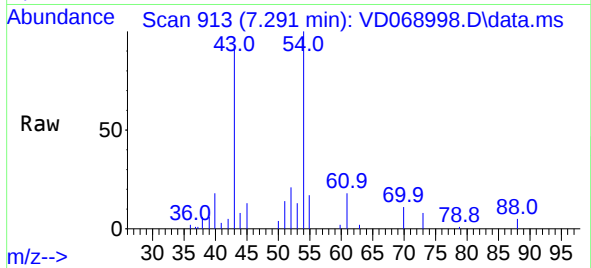
Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:51:32 PM



#37
Ethyl Acetate
Concen: 22.65 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

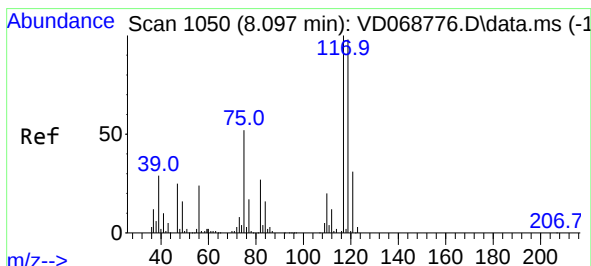
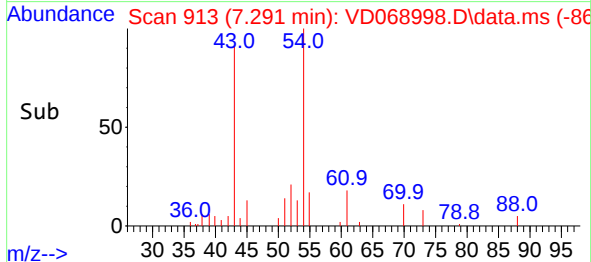
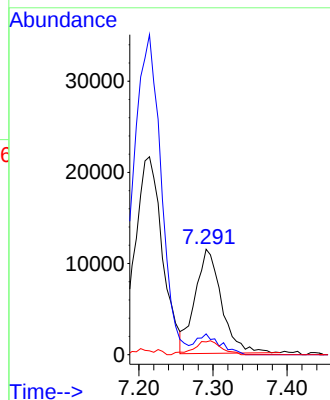


Tgt Ion: 43 Resp: 28274

Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.2	21.4
70	13.6	9.4	14.0

Manual Integrations
APPROVED

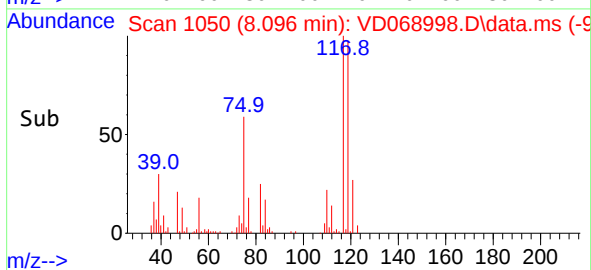
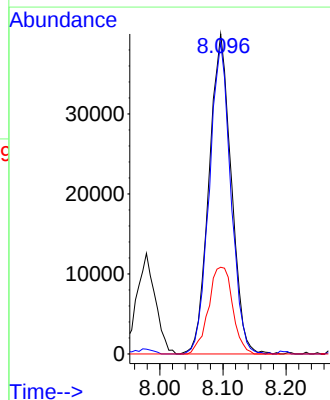
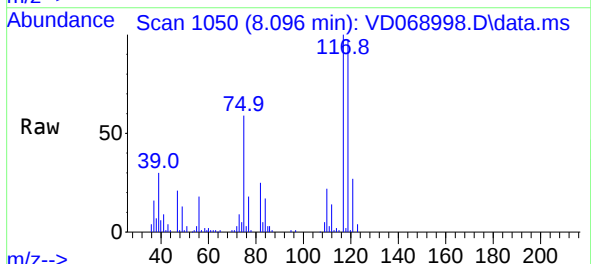
MMDadoda
4/29/2021 5:51:32 PM

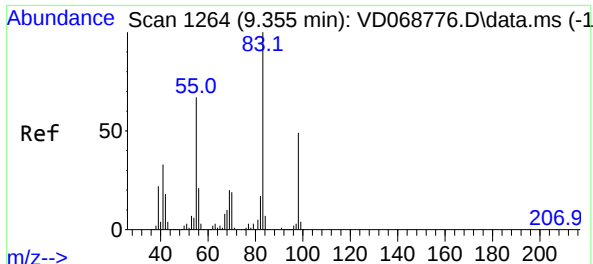


#38
Carbon Tetrachloride
Concen: 23.20 ug/l
RT: 8.096 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 117 Resp: 97619

Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.6	115.0
121	27.1	26.1	39.1





#39

Methylcyclohexane

Concen: 20.60 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068998.D

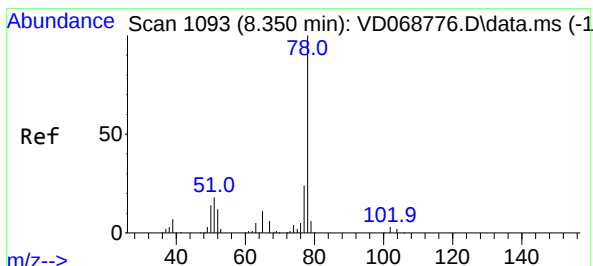
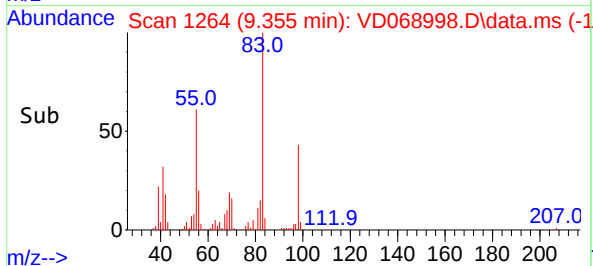
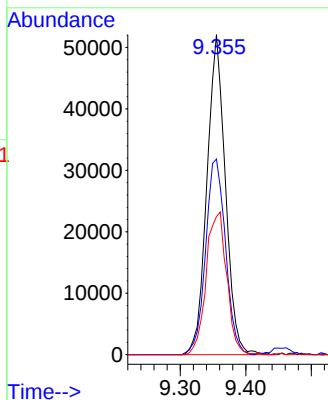
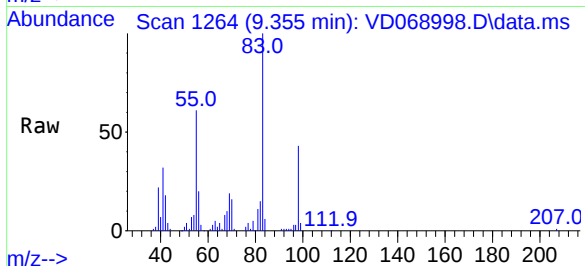
Acq: 28 Apr 2021 12:12

Tgt Ion:	83	Resp:	102069
Ion	Ratio	Lower	Upper
83	100		
55	61.1	51.7	77.5
98	43.2	38.8	58.2

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:51:32 PM



#40

Benzene

Concen: 21.03 ug/l

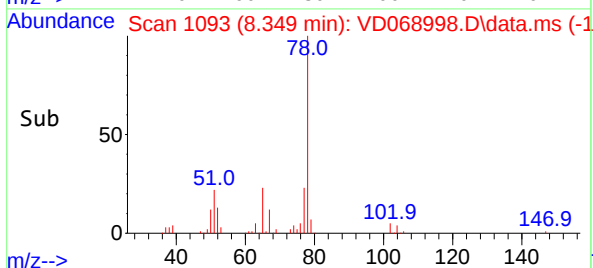
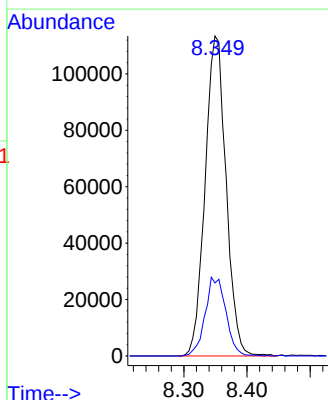
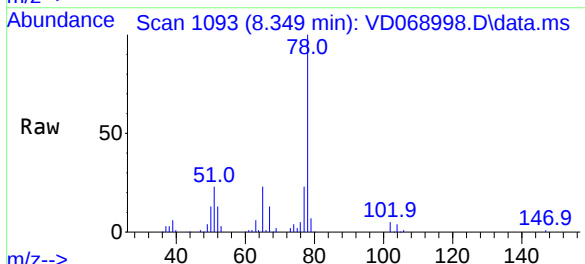
RT: 8.349 min Scan# 1093

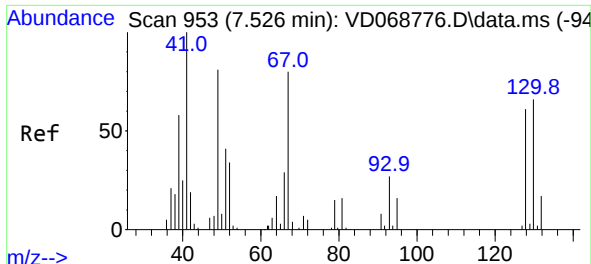
Delta R.T. -0.001 min

Lab File: VD068998.D

Acq: 28 Apr 2021 12:12

Tgt Ion:	78	Resp:	261520
Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.2





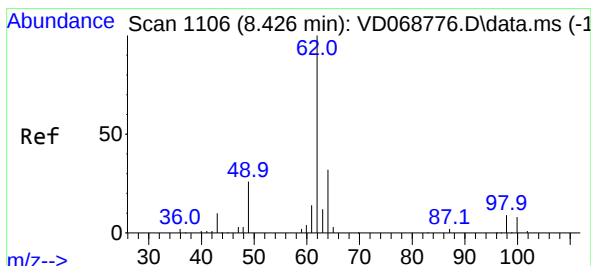
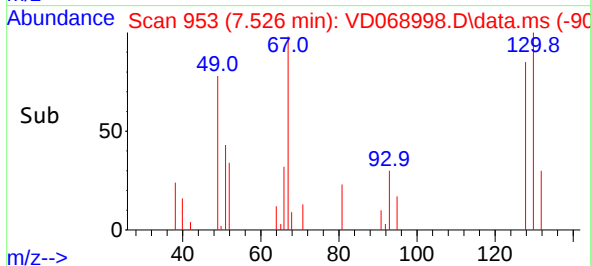
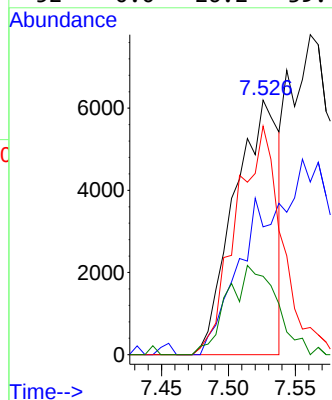
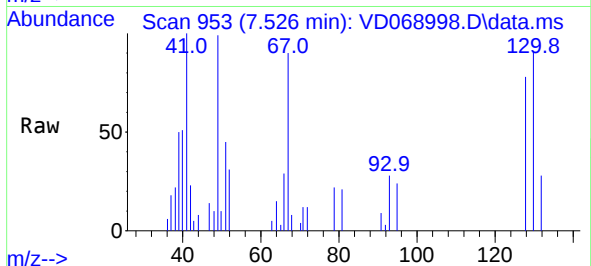
#41
Methacrylonitrile
Concen: 19.31 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 41 Resp: 14269
Ion Ratio Lower Upper
41 100
39 140.7 43.2 64.8#
67 0.0 63.9 95.9#
52 0.0 26.2 39.4#

Instrument :
MSVOA_D
ClientSampled :
VD0428SBS01

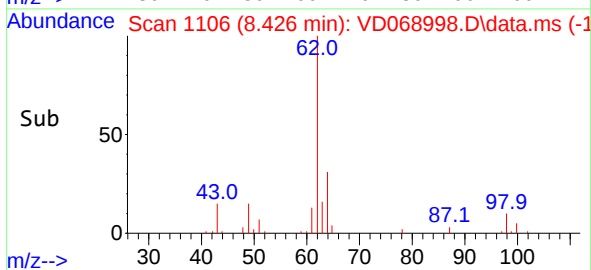
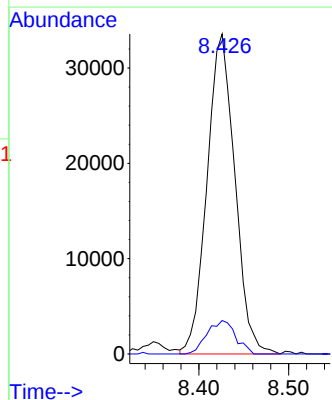
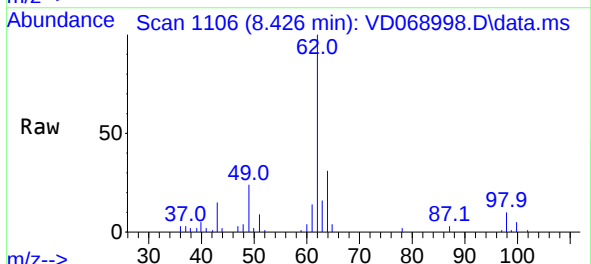
Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:51:32 PM



#42
1,2-Dichloroethane
Concen: 22.02 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 62 Resp: 72363
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.6





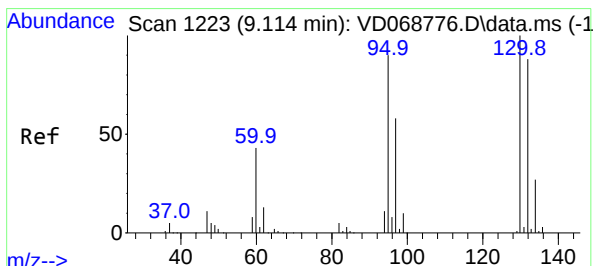
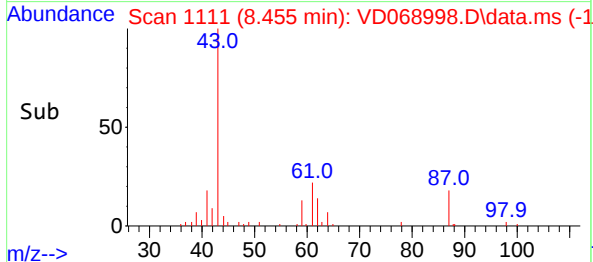
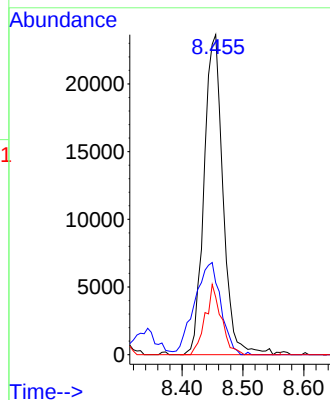
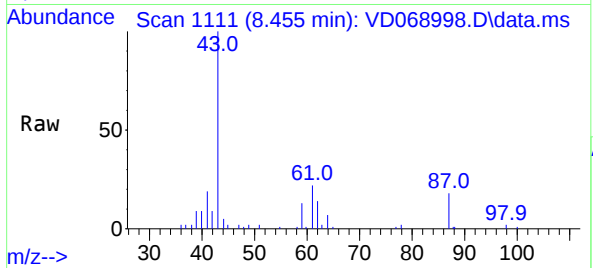
#43
Isopropyl Acetate
Concen: 20.14 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:	43	Resp:	51238
Ion Ratio	Lower	Upper	
43	100		
61	39.7	29.5	44.3
87	18.5	13.5	20.3

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

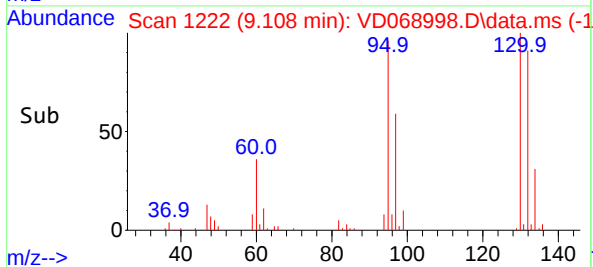
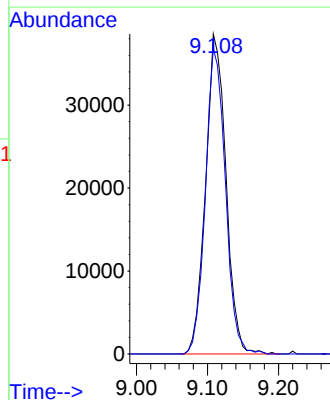
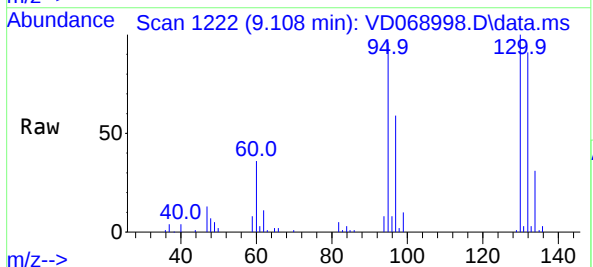
Manual Integrations
APPROVED

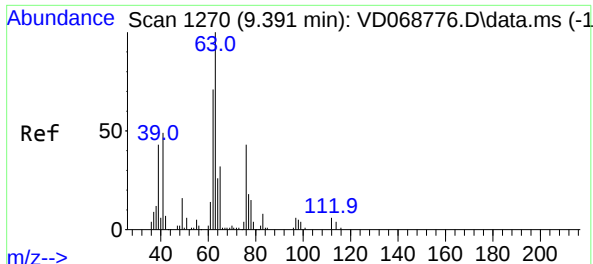
MMDadoda
4/29/2021 5:51:32 PM



#44
Trichloroethene
Concen: 22.46 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:	130	Resp:	77124
Ion Ratio	Lower	Upper	
130	100		
95	95.5	0.0	203.8





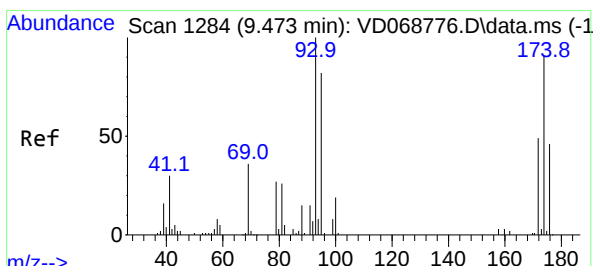
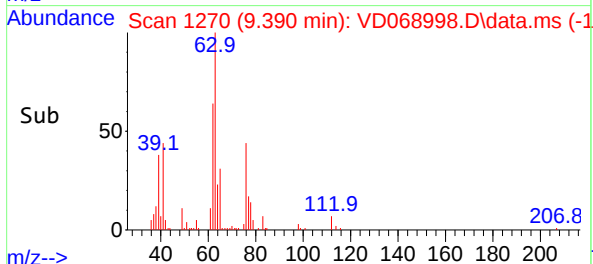
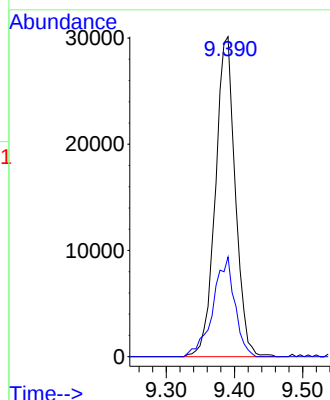
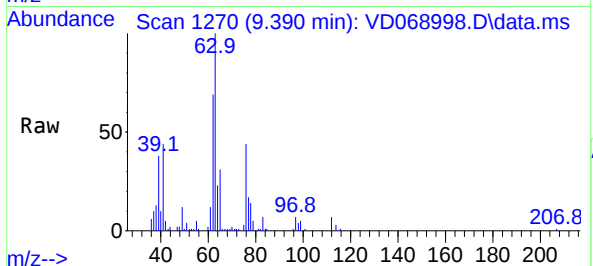
#45
1,2-Dichloropropane
Concen: 20.56 ug/l
RT: 9.390 min Scan# 1270
Delta R.T. -0.001 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 63 Resp: 61063
Ion Ratio Lower Upper
63 100
65 31.1 27.0 40.4

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

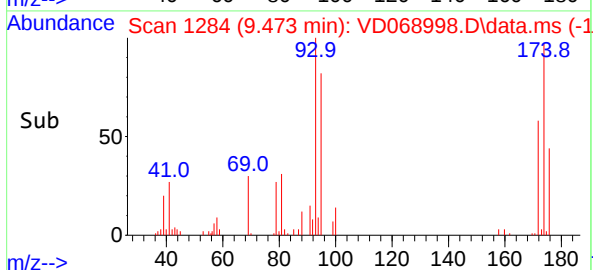
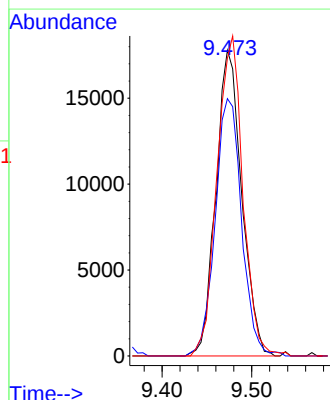
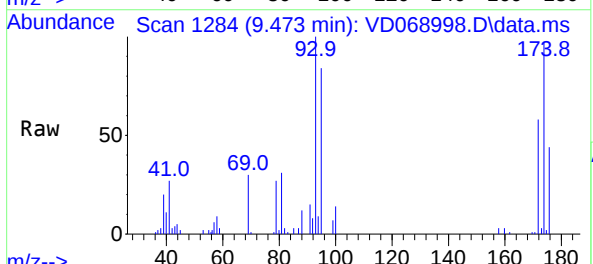
Manual Integrations
APPROVED

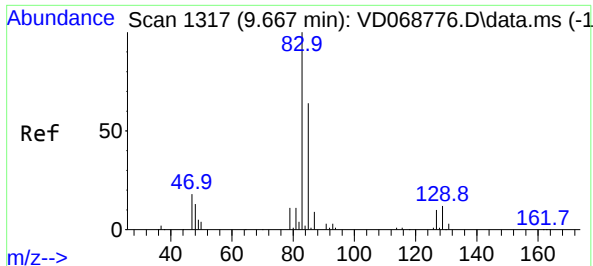
MMDadoda
4/29/2021 5:51:32 PM



#46
Dibromomethane
Concen: 21.52 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 93 Resp: 35610
Ion Ratio Lower Upper
93 100
95 85.9 64.5 96.7
174 105.1 75.3 112.9





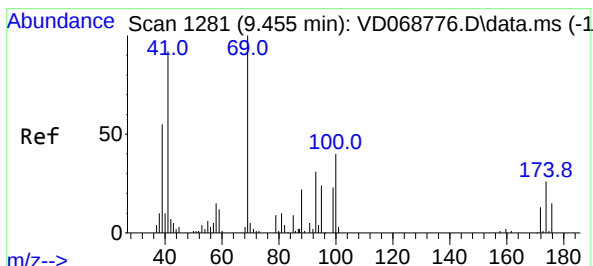
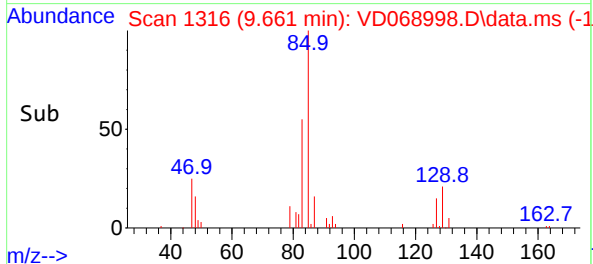
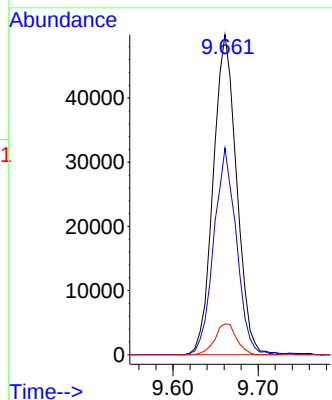
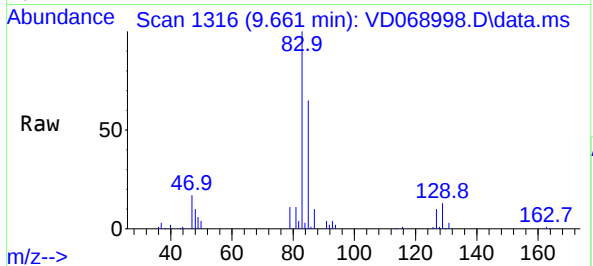
#47
Bromodichloromethane
Concen: 22.03 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:	83	Resp:	95238
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.0	76.6
127	9.6	7.1	10.7

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

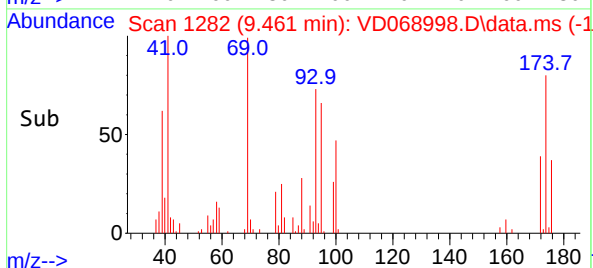
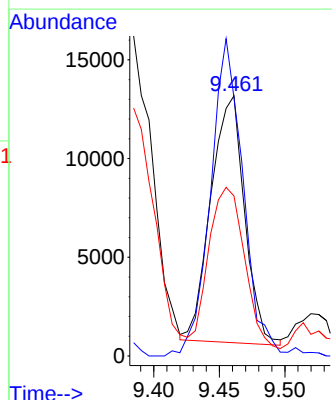
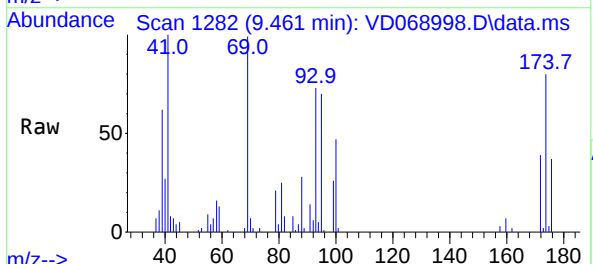
Manual Integrations
APPROVED

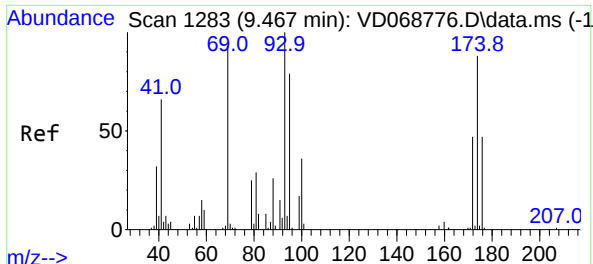
MMDadoda
4/29/2021 5:51:32 PM



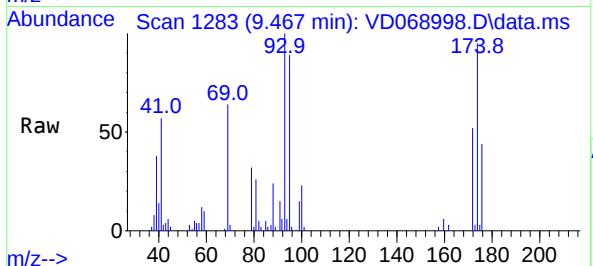
#48
Methyl methacrylate
Concen: 17.81 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:	41	Resp:	22332
Ion	Ratio	Lower	Upper
41	100		
69	124.1	83.0	124.6
39	69.5	47.0	70.6

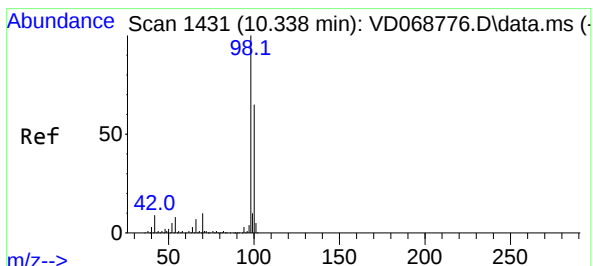
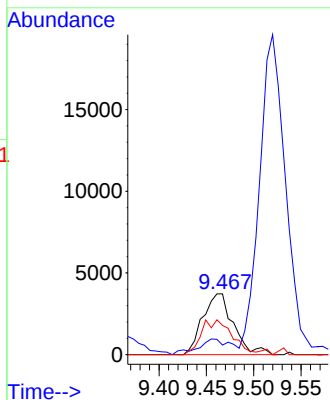
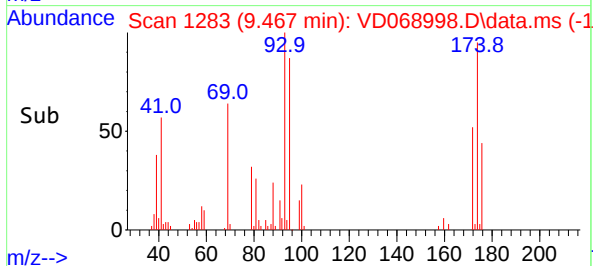




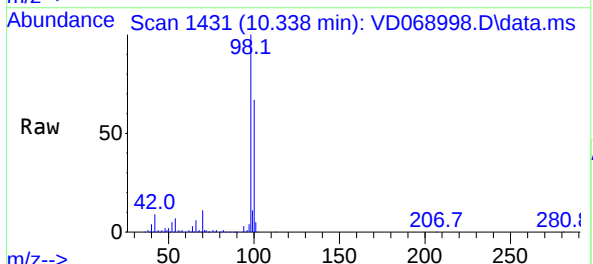
#49
1,4-Dioxane
Concen: 478.87 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



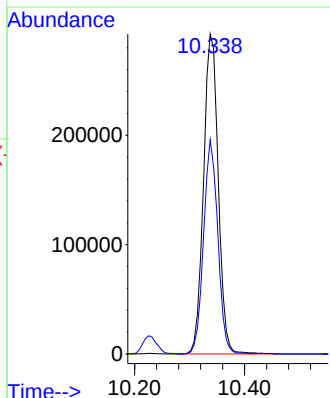
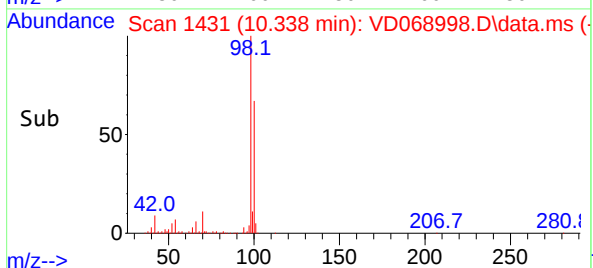
Tgt Ion: 88 Resp: 8388
Ion Ratio Lower Upper
88 100
43 25.8 25.8 38.8#
58 57.4 54.0 81.0



#50
Toluene-d8
Concen: 52.91 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



Tgt Ion: 98 Resp: 544997
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:51:32 PM



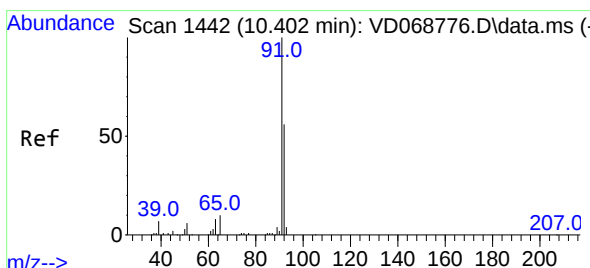
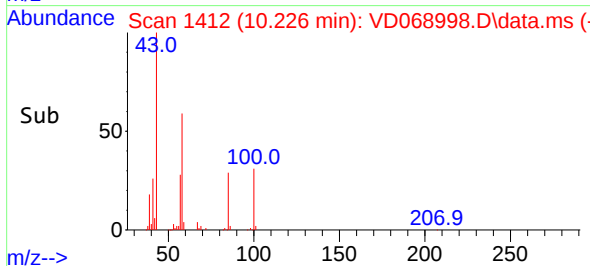
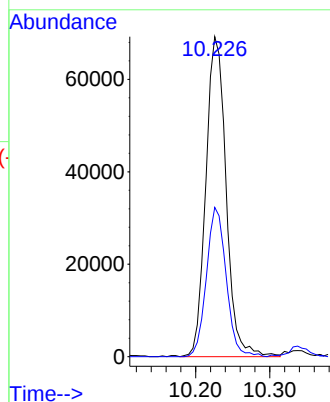
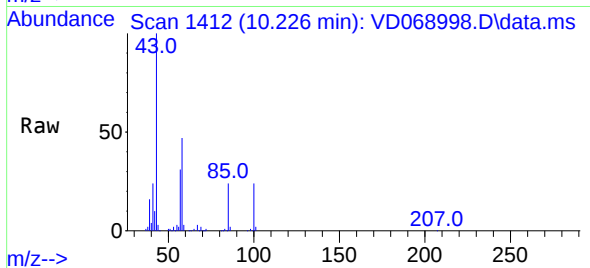
#51
4-Methyl-2-Pentanone
Concen: 102.59 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 43 Resp: 131557
Ion Ratio Lower Upper
43 100
58 45.4 37.3 55.9

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

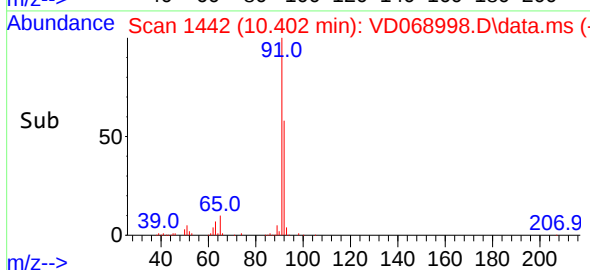
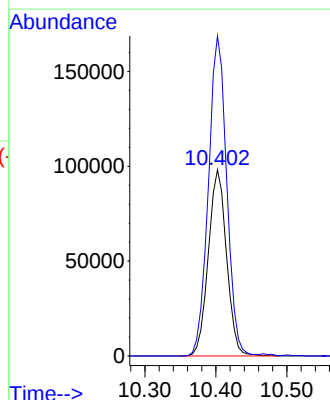
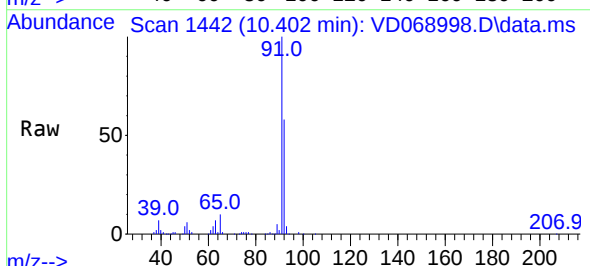
Manual Integrations
APPROVED

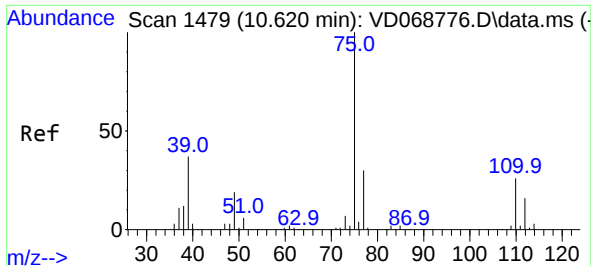
MMDadoda
4/29/2021 5:51:32 PM



#52
Toluene
Concen: 22.24 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 92 Resp: 175093
Ion Ratio Lower Upper
92 100
91 172.8 139.1 208.7





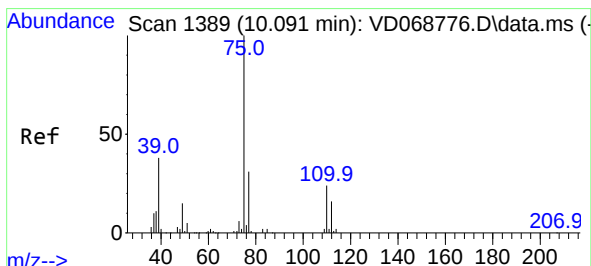
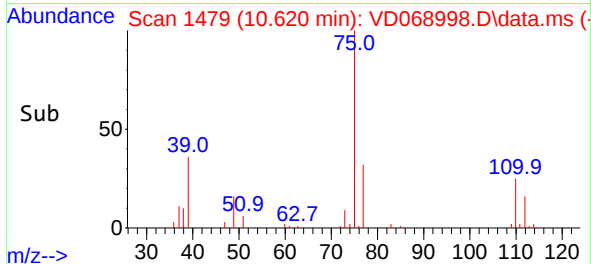
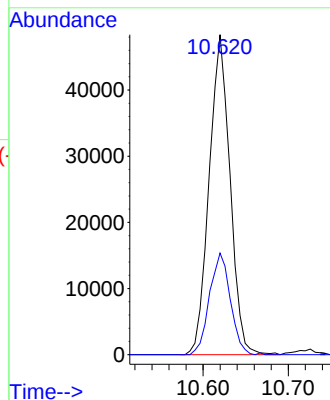
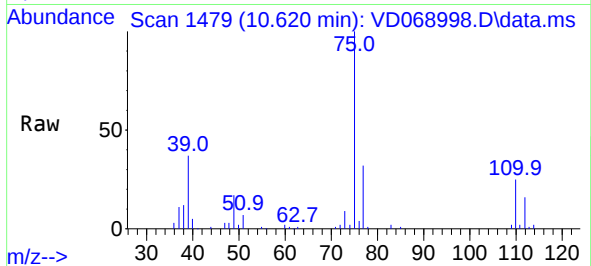
#53
t-1,3-Dichloropropene
Concen: 21.47 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 75 Resp: 82265
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

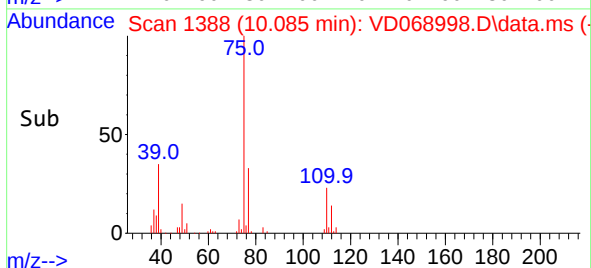
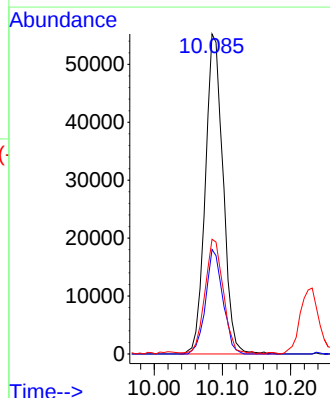
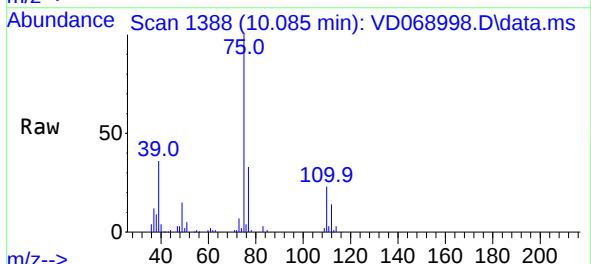
Manual Integrations
APPROVED

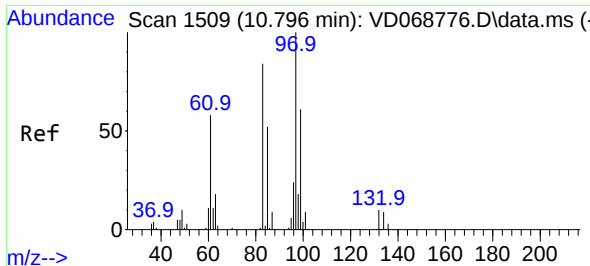
MMDadoda
4/29/2021 5:51:32 PM



#54
cis-1,3-Dichloropropene
Concen: 21.80 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 75 Resp: 99896
Ion Ratio Lower Upper
75 100
77 32.7 24.7 37.1
39 35.8 30.2 45.2





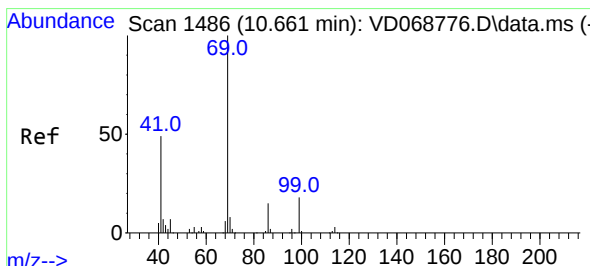
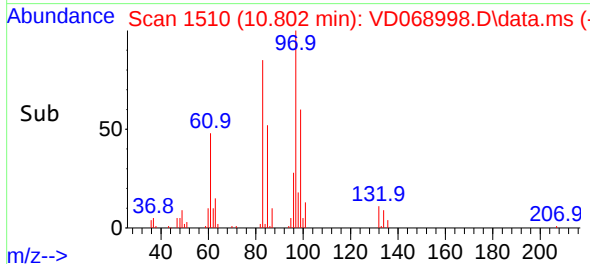
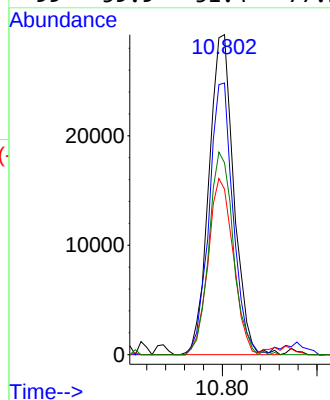
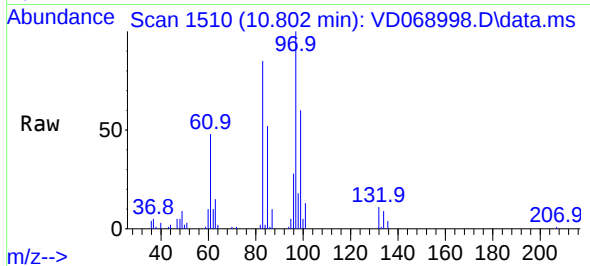
#55
1,1,2-Trichloroethane
Concen: 22.84 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:	97	Resp:	53427
Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.7	98.5
85	51.7	44.3	66.5
99	59.9	51.4	77.2

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

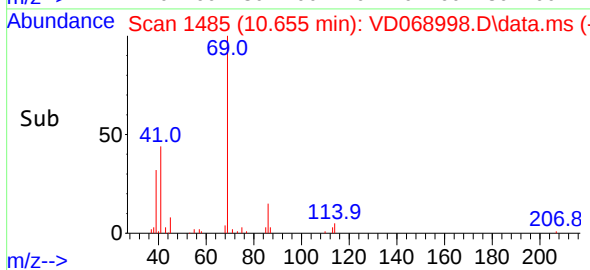
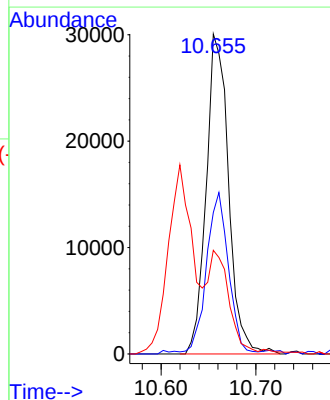
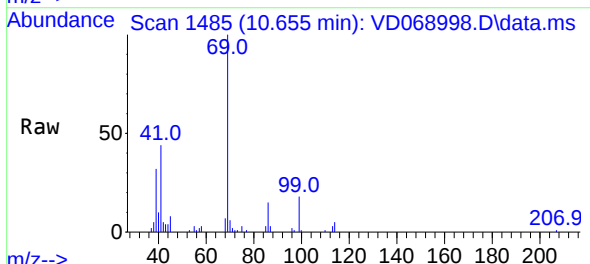
Manual Integrations
APPROVED

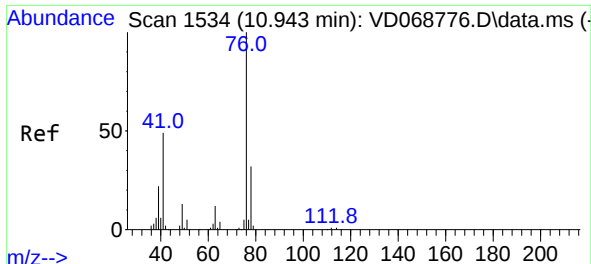
MMDadoda
4/29/2021 5:51:32 PM



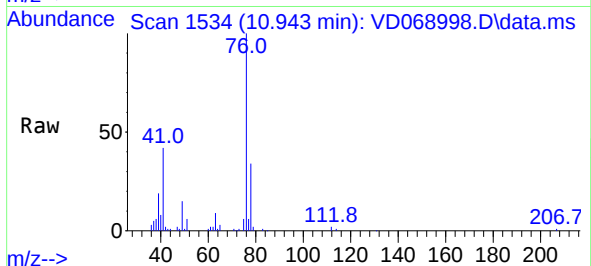
#56
Ethyl methacrylate
Concen: 20.48 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:	69	Resp:	49313
Ion	Ratio	Lower	Upper
69	100		
41	47.8	42.2	63.4
39	29.3	24.2	36.2

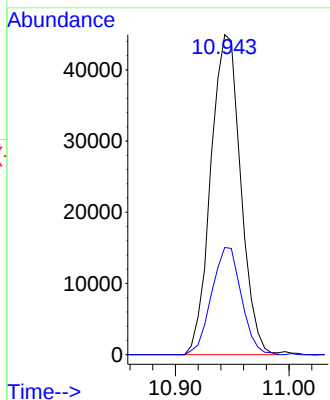
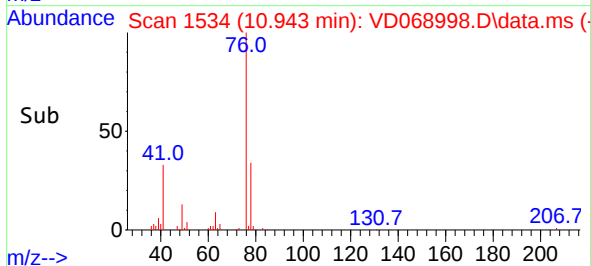




#57
1,3-Dichloropropane
Concen: 21.34 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



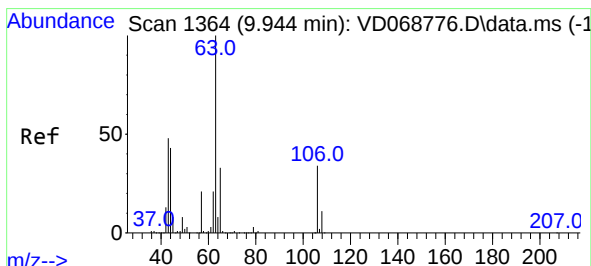
Tgt Ion: 76 Resp: 82194
Ion Ratio Lower Upper
76 100
78 33.4 25.8 38.6



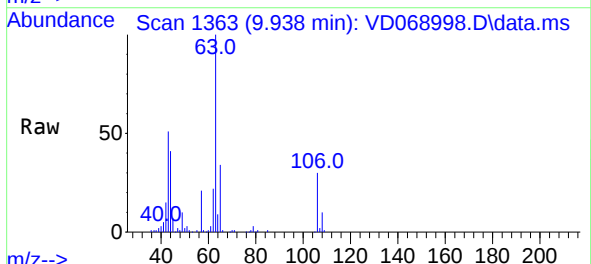
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

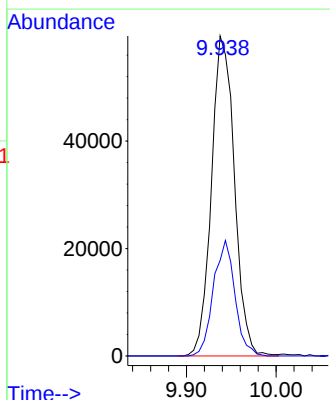
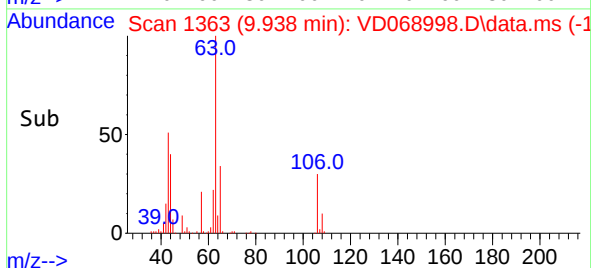
MMDadoda
4/29/2021 5:51:32 PM

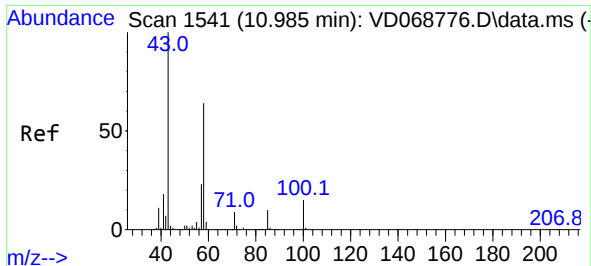


#58
2-Chloroethyl Vinyl ether
Concen: 94.07 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



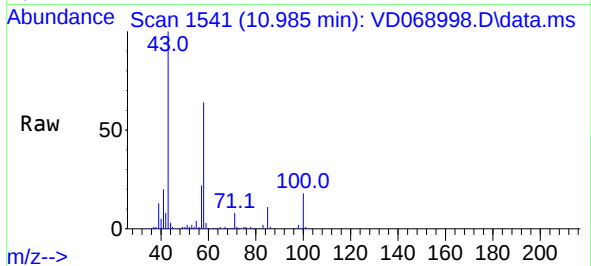
Tgt Ion: 63 Resp: 106029
Ion Ratio Lower Upper
63 100
106 33.7 24.6 36.8





#59
2-Hexanone
Concen: 105.16 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

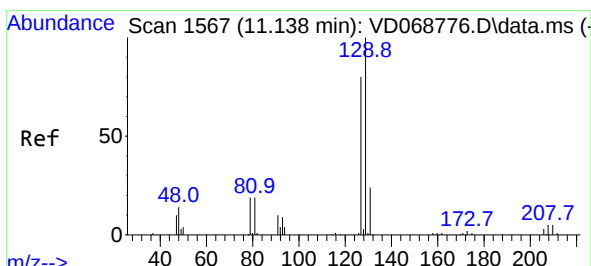
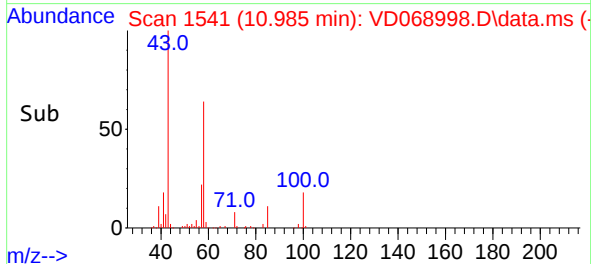
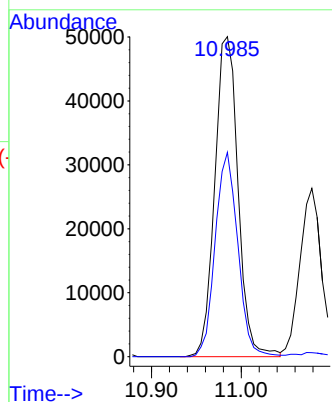
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



Tgt Ion: 43 Resp: 90236
Ion Ratio Lower Upper
43 100
58 61.9 31.3 93.8

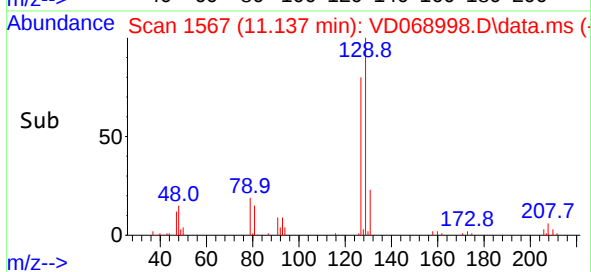
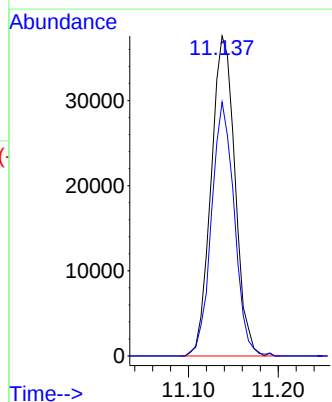
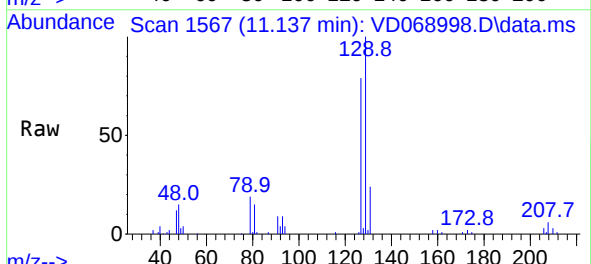
Manual Integrations
APPROVED

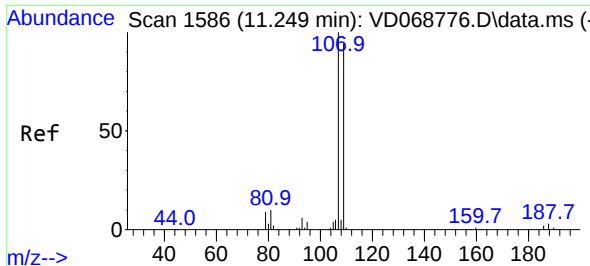
MMDadoda
4/29/2021 5:51:32 PM



#60
Dibromochloromethane
Concen: 23.66 ug/l
RT: 11.137 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

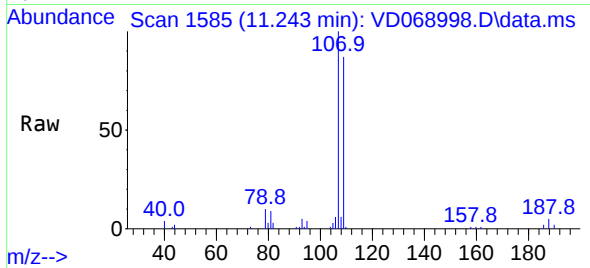
Tgt Ion: 129 Resp: 69409
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.3





#61
1,2-Dibromoethane
Concen: 22.37 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

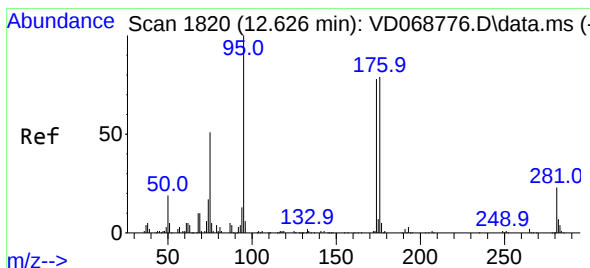
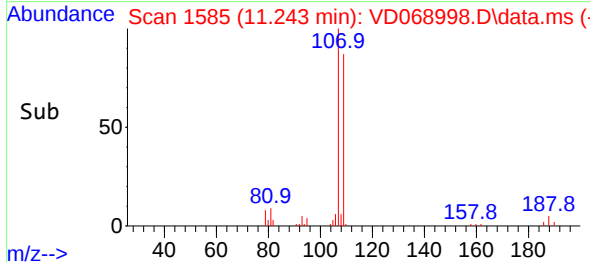
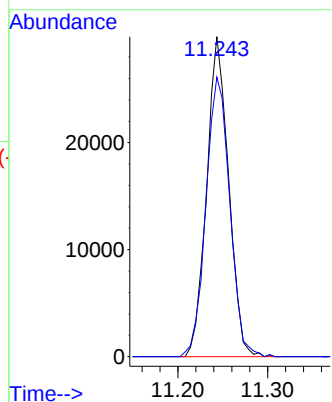
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



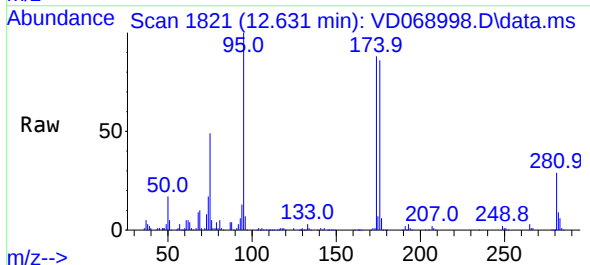
Tgt Ion:107 Resp: 50853
Ion Ratio Lower Upper
107 100
109 94.9 74.9 112.3

Manual Integrations
APPROVED

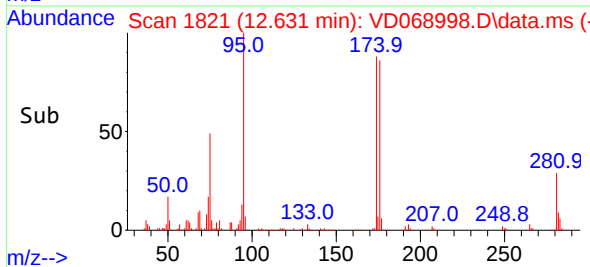
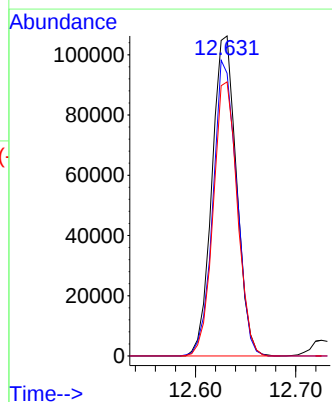
MMDadoda
4/29/2021 5:51:32 PM

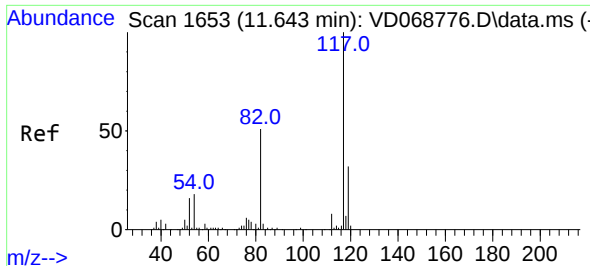


#62
4-Bromofluorobenzene
Concen: 52.80 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

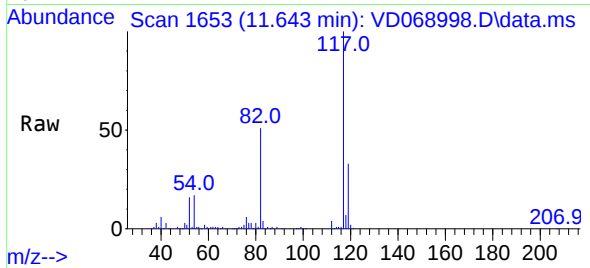


Tgt Ion: 95 Resp: 180646
Ion Ratio Lower Upper
95 100
174 88.9 0.0 168.0
176 84.1 0.0 160.2

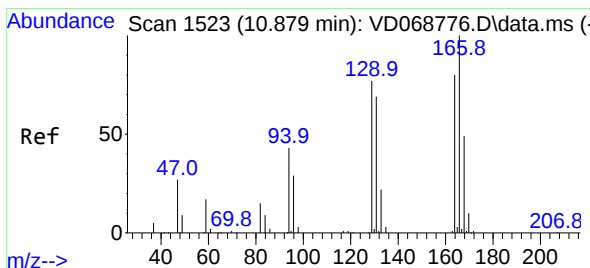
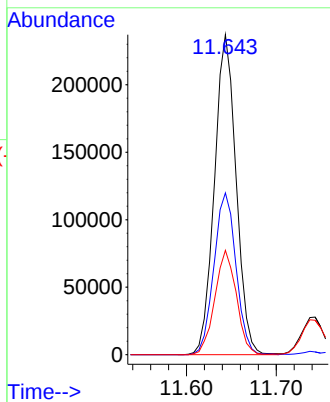
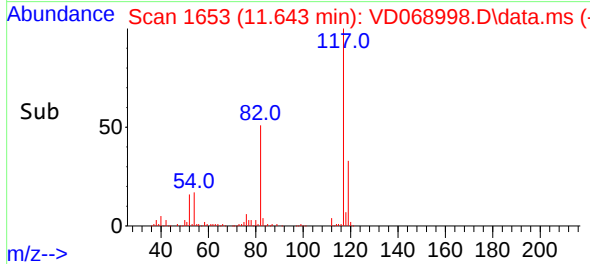




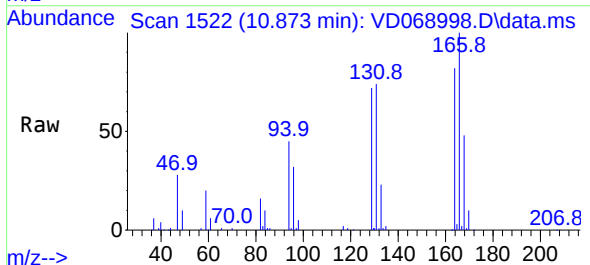
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



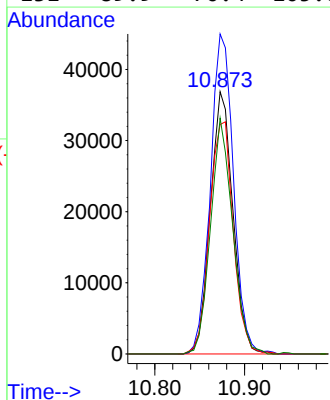
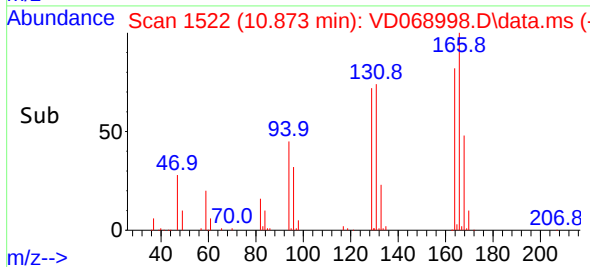
Tgt Ion:117 Resp: 398212
Ion Ratio Lower Upper
117 100
82 50.5 43.5 65.3
119 32.6 26.7 40.1



#64
Tetrachloroethene
Concen: 23.15 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



Tgt Ion:164 Resp: 64633
Ion Ratio Lower Upper
164 100
166 122.0 103.0 154.6
129 87.5 77.4 116.0
131 89.9 70.4 105.6



Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:51:32 PM



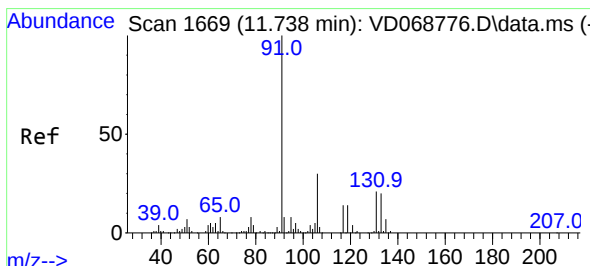
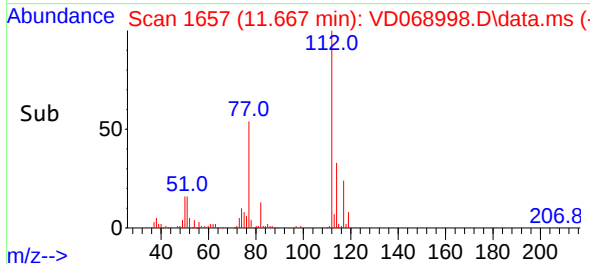
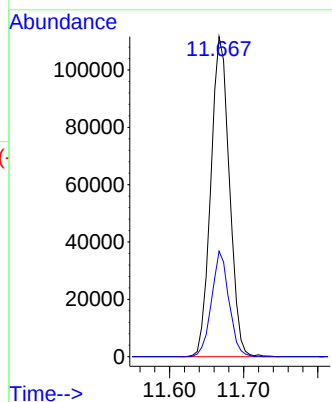
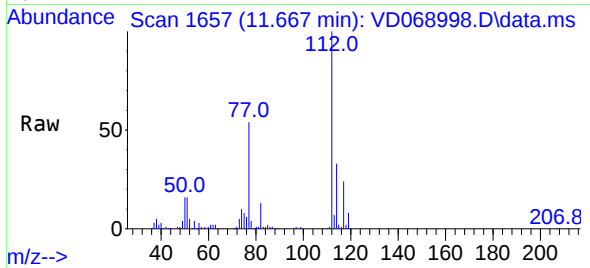
#65
Chlorobenzene
Concen: 22.50 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Tgt Ion:112 Resp: 193978
Ion Ratio Lower Upper
112 100
114 32.9 25.2 37.8

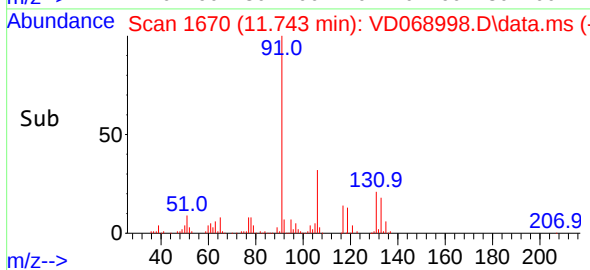
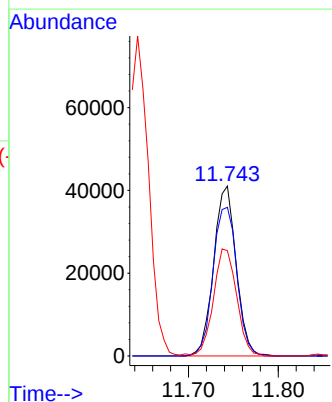
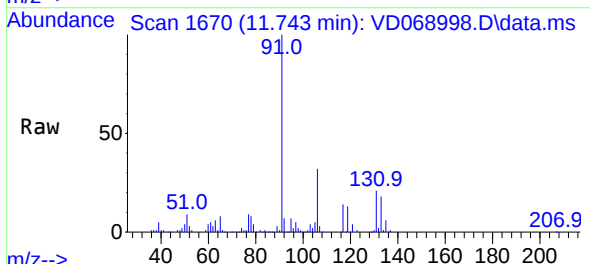
Manual Integrations
APPROVED

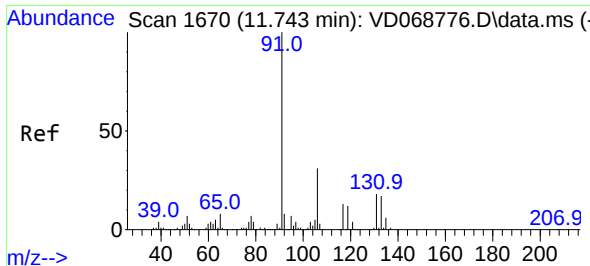
MMDadoda
4/29/2021 5:51:32 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 23.10 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.005 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

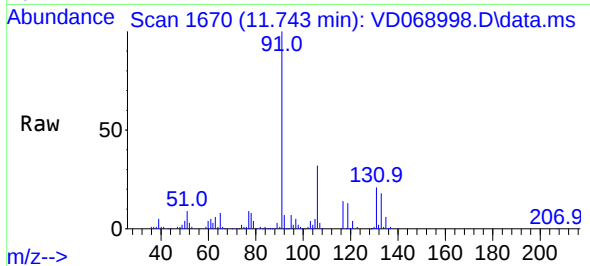
Tgt Ion:131 Resp: 71598
Ion Ratio Lower Upper
131 100
133 92.8 47.0 141.2
119 65.1 32.8 98.3





#67
Ethyl Benzene
Concen: 21.59 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

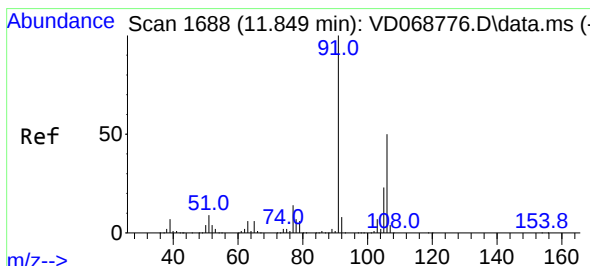
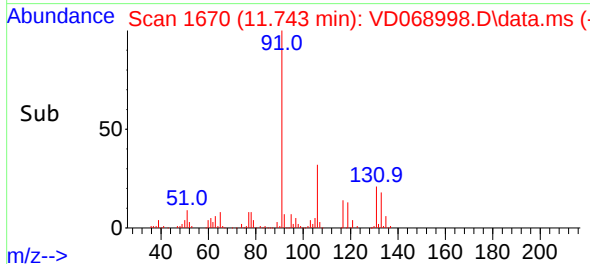
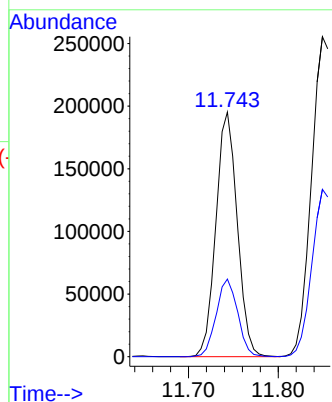
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



Tgt Ion: 91 Resp: 322278
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7

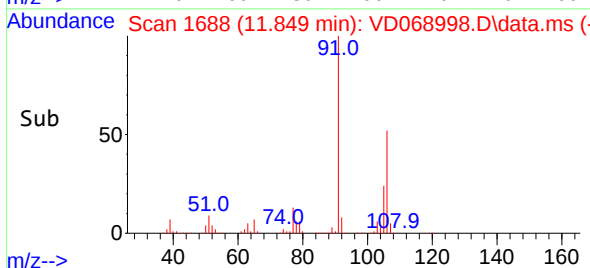
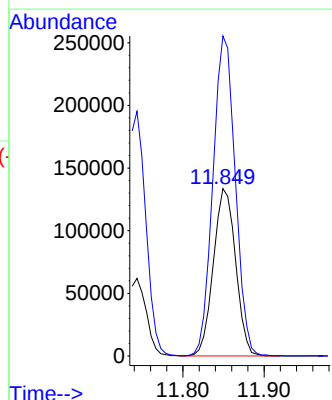
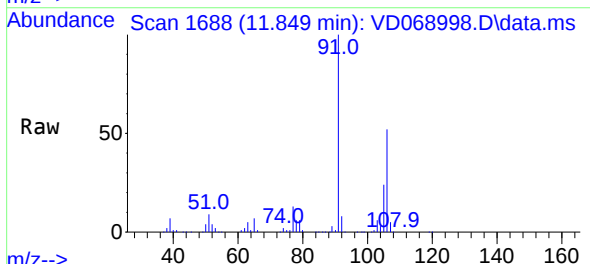
Manual Integrations
APPROVED

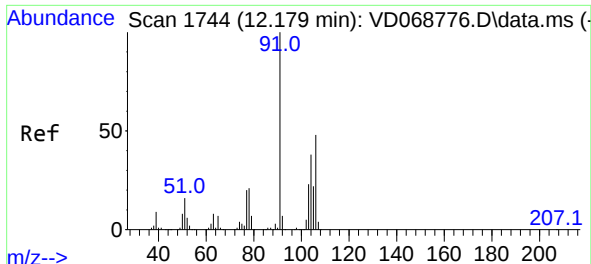
MMDadoda
4/29/2021 5:51:32 PM



#68
m/p-Xylenes
Concen: 44.17 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

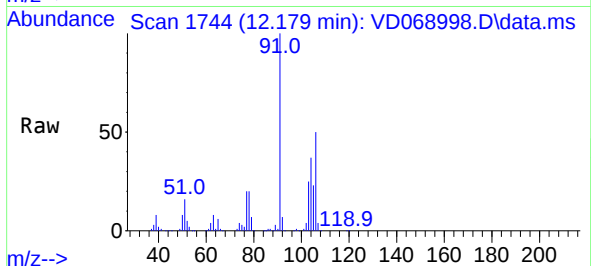
Tgt Ion: 106 Resp: 254430
Ion Ratio Lower Upper
106 100
91 192.1 158.6 238.0





#69
o-Xylene
Concen: 21.54 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

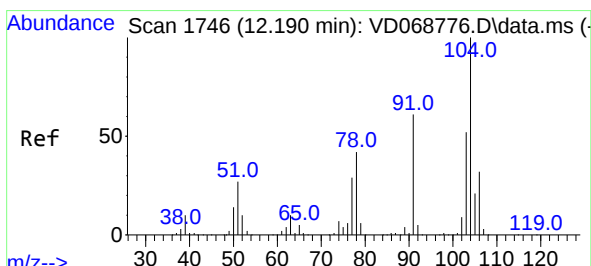
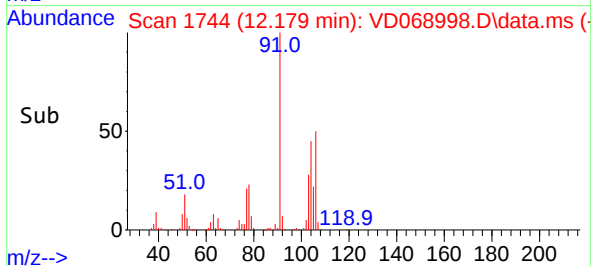
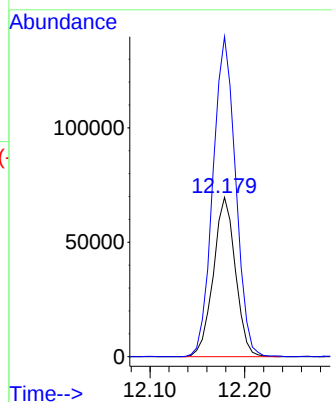
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



Tgt Ion:106 Resp: 112802
Ion Ratio Lower Upper
106 100
91 207.0 105.0 315.0

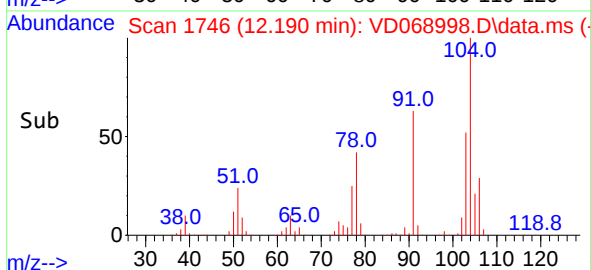
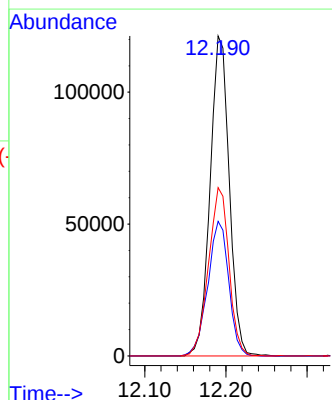
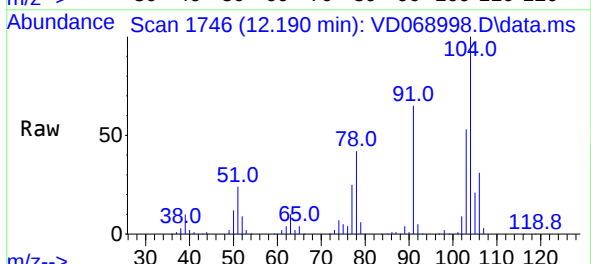
Manual Integrations
APPROVED

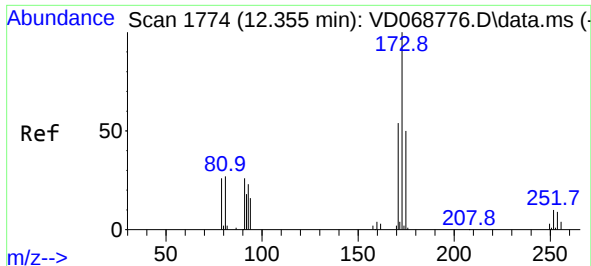
MMDadoda
4/29/2021 5:51:32 PM



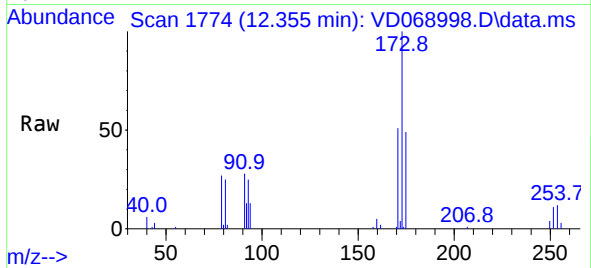
#70
Styrene
Concen: 21.77 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:104 Resp: 198756
Ion Ratio Lower Upper
104 100
78 46.0 36.9 55.3
103 56.2 44.3 66.5

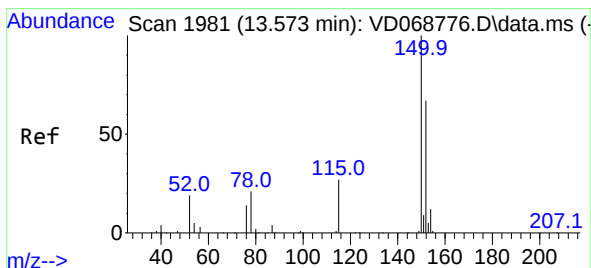
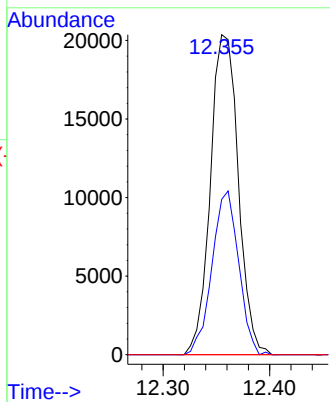
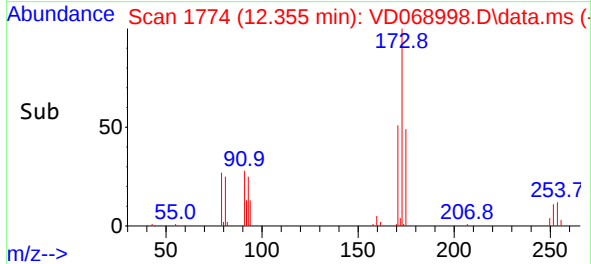




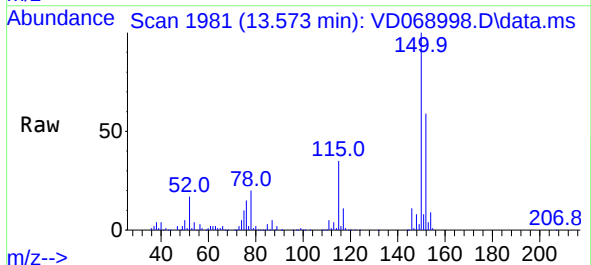
#71
Bromoform
Concen: 22.32 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



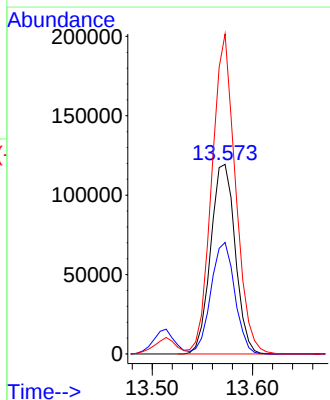
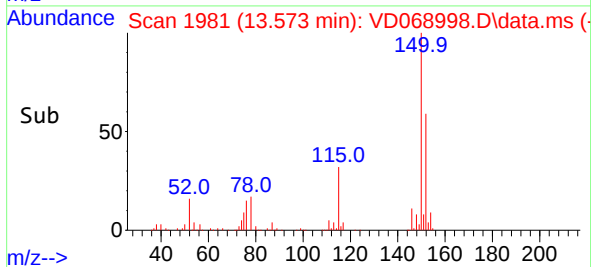
Tgt Ion:173 Resp: 37058
Ion Ratio Lower Upper
173 100
175 48.8 23.6 71.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



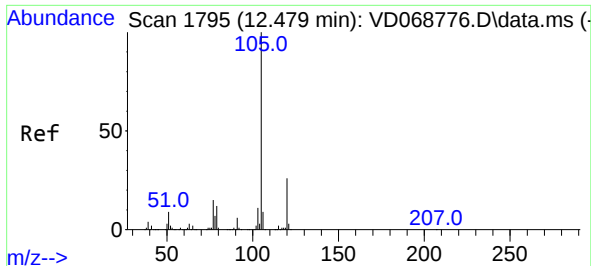
Tgt Ion:152 Resp: 202896
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 162.9 0.0 347.6



Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:51:32 PM



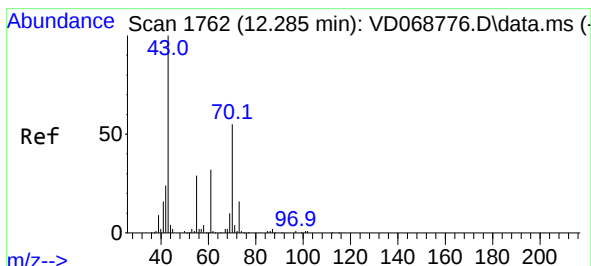
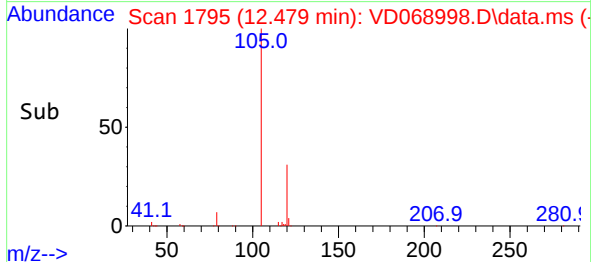
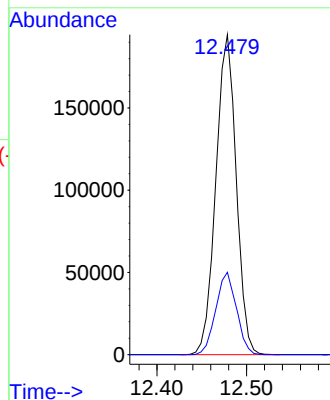
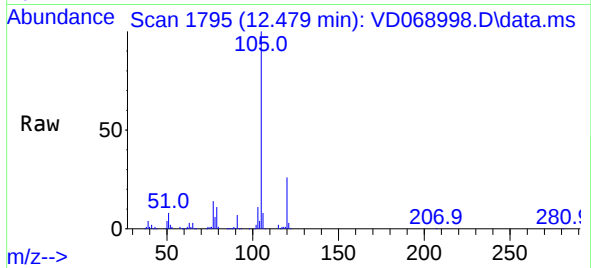
#73
Isopropylbenzene
Concen: 20.69 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:105 Resp: 306520
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

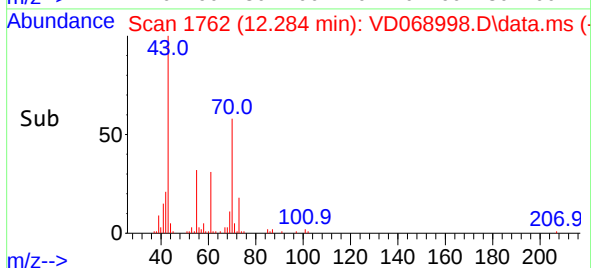
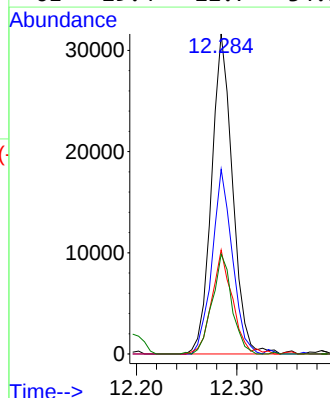
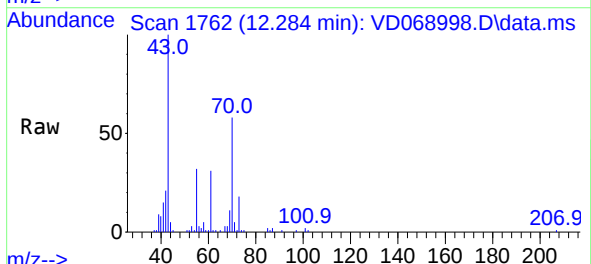
Manual Integrations
APPROVED

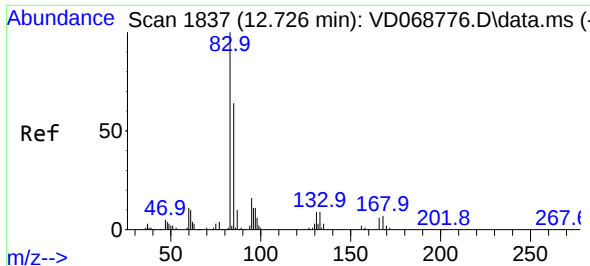
MMDadoda
4/29/2021 5:51:32 PM



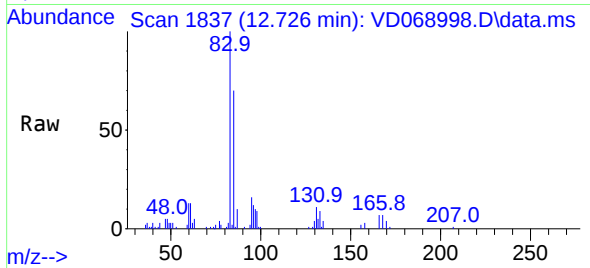
#74
N-ethyl acetate
Concen: 18.32 ug/l
RT: 12.284 min Scan# 1762
Delta R.T. -0.001 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion: 43 Resp: 46037
Ion Ratio Lower Upper
43 100
70 55.5 41.9 62.9
55 31.9 22.8 34.2
61 29.4 22.7 34.1

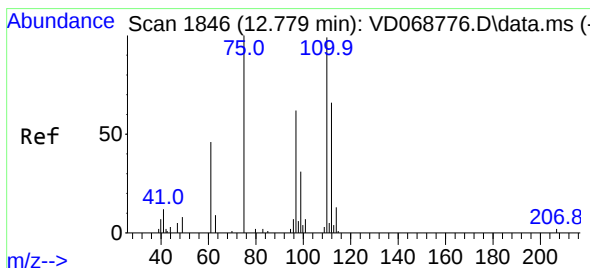
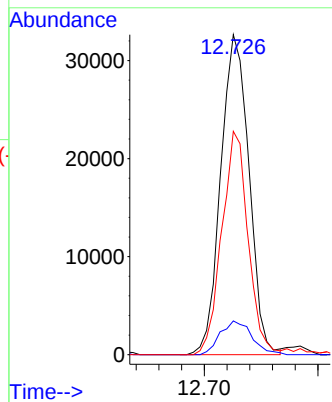
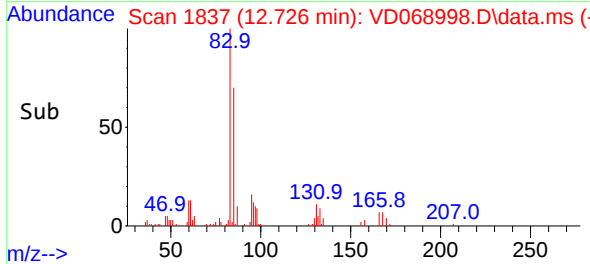




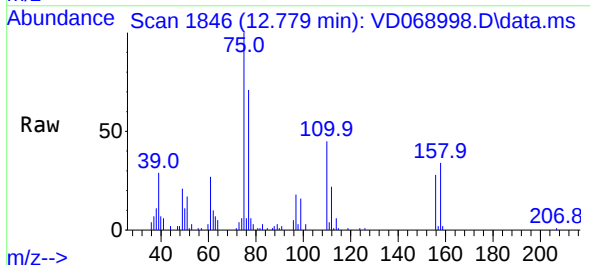
#75
1,1,2,2-Tetrachloroethane
Concen: 20.35 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



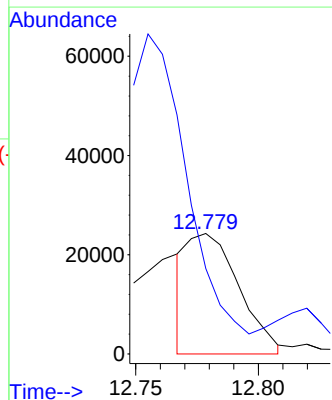
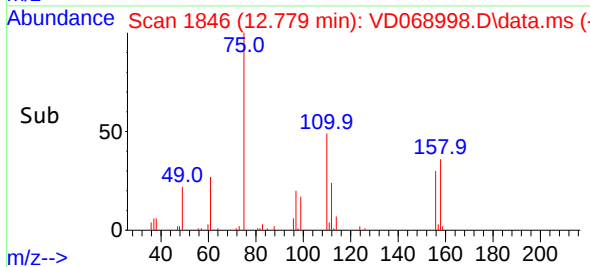
Tgt Ion: 83 Resp: 56358
Ion Ratio Lower Upper
83 100
131 11.9 5.1 15.3
85 64.9 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 19.25 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



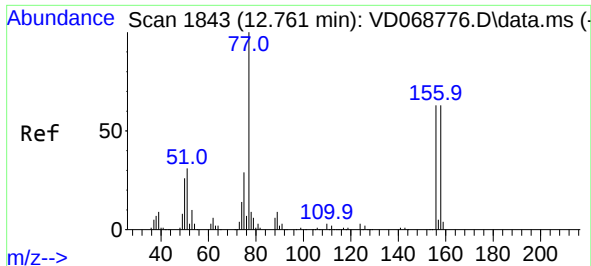
Tgt Ion: 75 Resp: 35689
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:51:32 PM



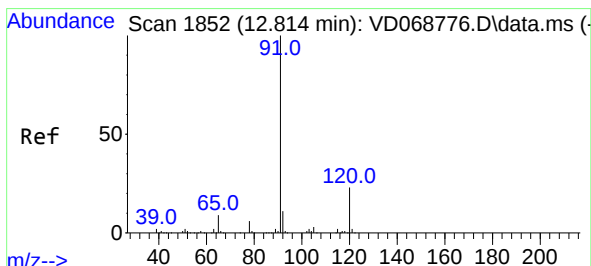
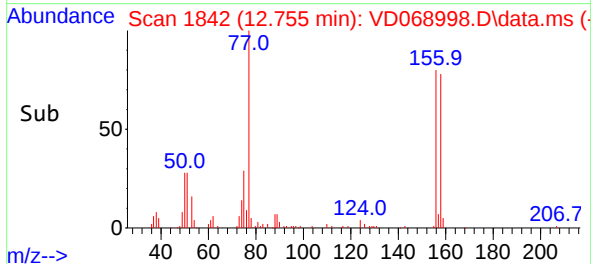
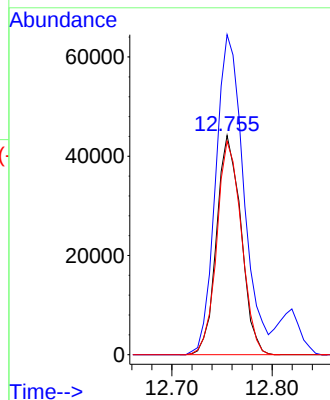
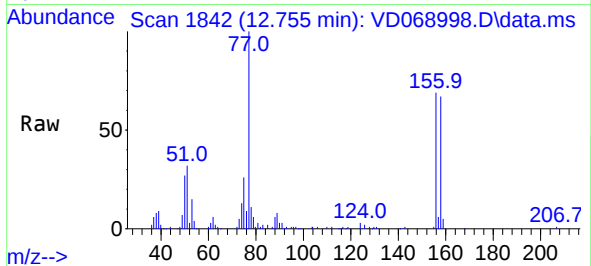
#77
Bromobenzene
Concen: 20.97 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

Tgt Ion:156 Resp: 74689
Ion Ratio Lower Upper
156 100
77 167.2 88.9 266.8
158 98.2 47.7 143.1

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

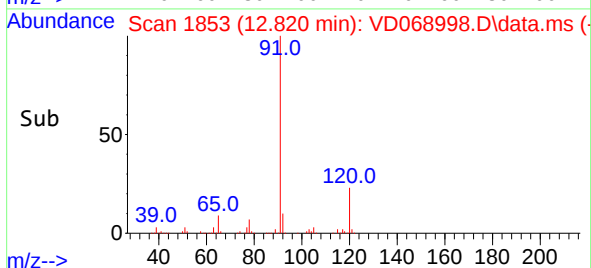
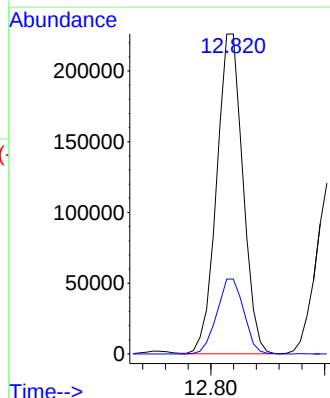
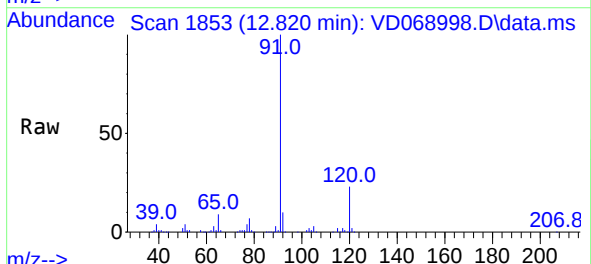
Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:51:32 PM



#78
n-propylbenzene
Concen: 20.10 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

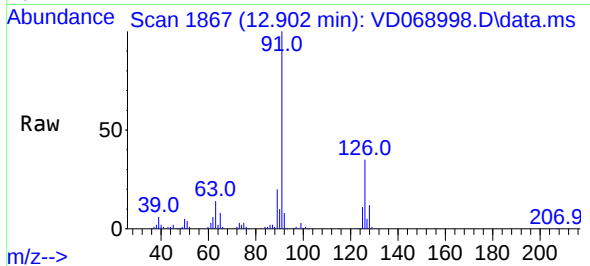
Tgt Ion: 91 Resp: 361659
Ion Ratio Lower Upper
91 100
120 24.0 11.4 34.2





#79
2-Chlorotoluene
Concen: 20.33 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

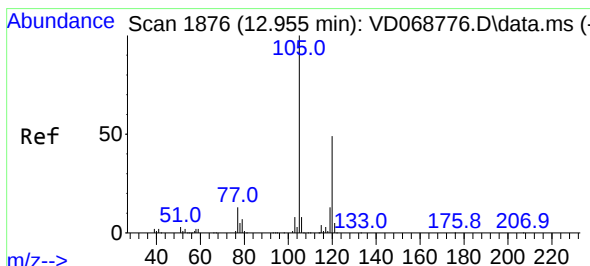
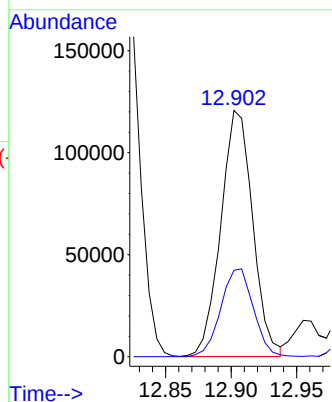
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



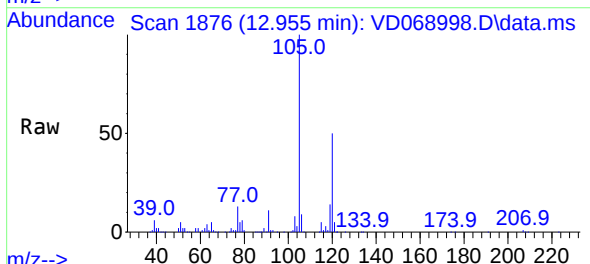
Tgt Ion: 91 Resp: 204367
Ion Ratio Lower Upper
91 100
126 36.4 17.1 51.3

Manual Integrations
APPROVED

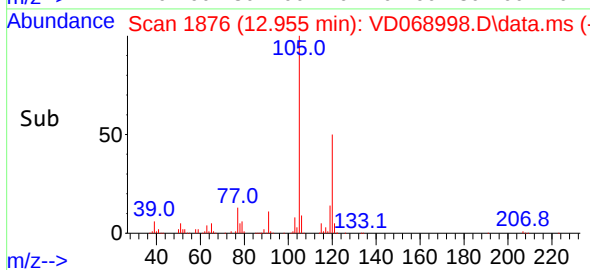
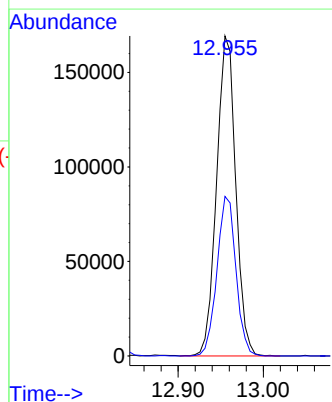
MMDadoda
4/29/2021 5:51:32 PM

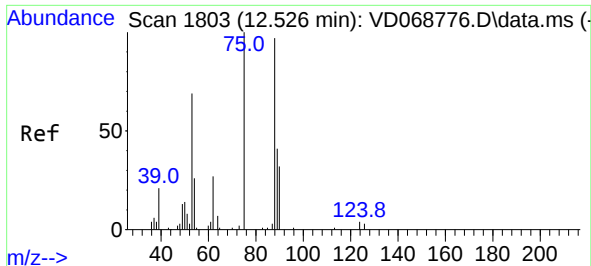


#80
1,3,5-Trimethylbenzene
Concen: 21.30 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

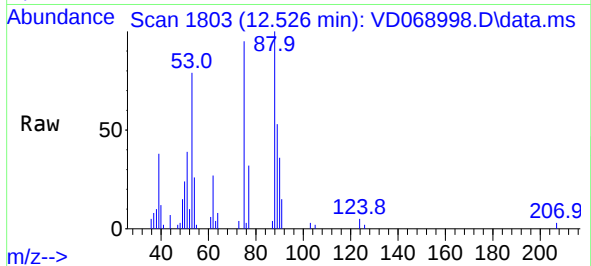


Tgt Ion: 105 Resp: 263838
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.7

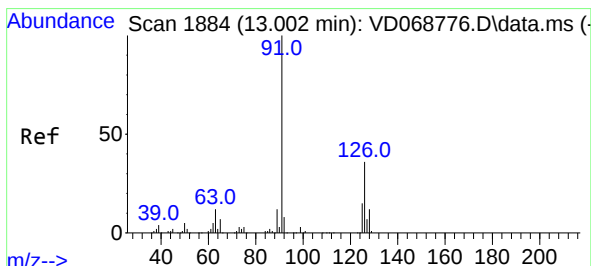
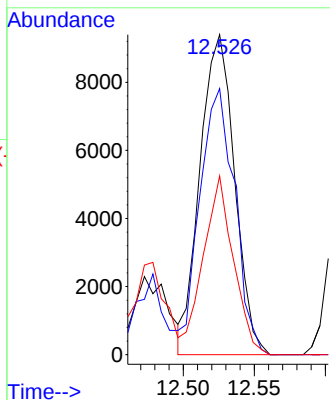
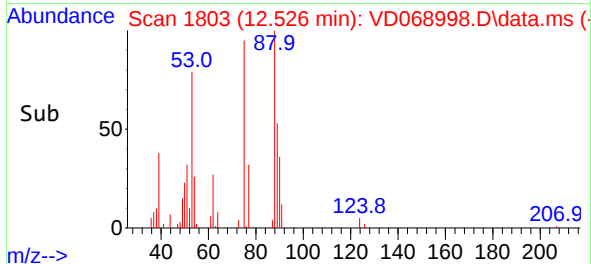




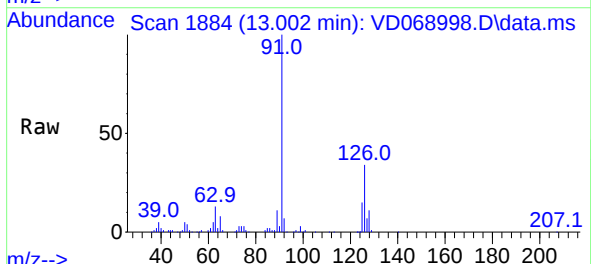
#81
trans-1,4-Dichloro-2-butene
Concen: 19.91 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



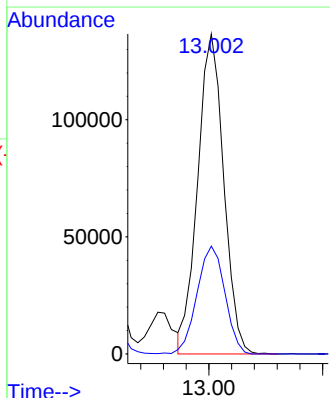
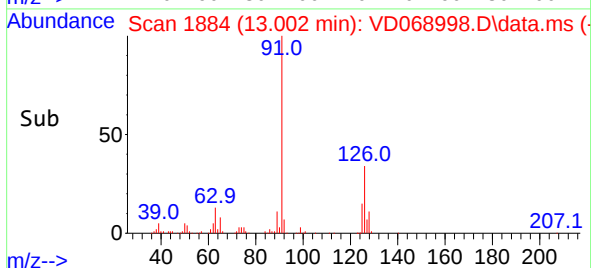
Tgt Ion: 75 Resp: 15906
Ion Ratio Lower Upper
75 100
53 84.1 66.8 100.2
89 49.0 36.6 54.8



#82
4-Chlorotoluene
Concen: 20.42 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



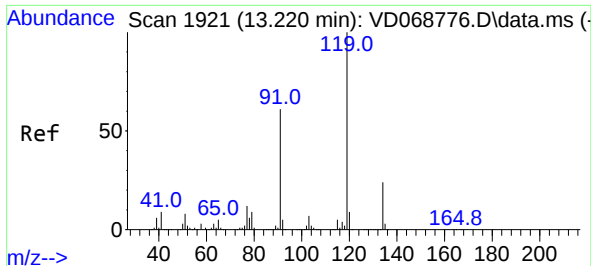
Tgt Ion: 91 Resp: 217615
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.5



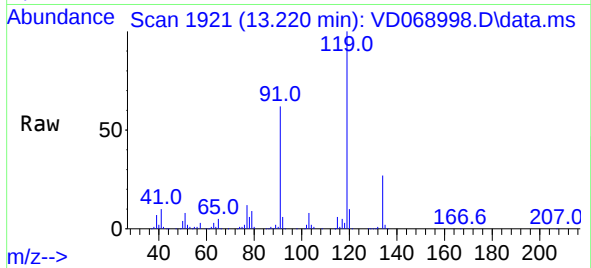
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

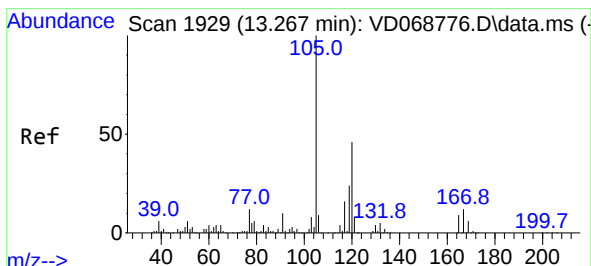
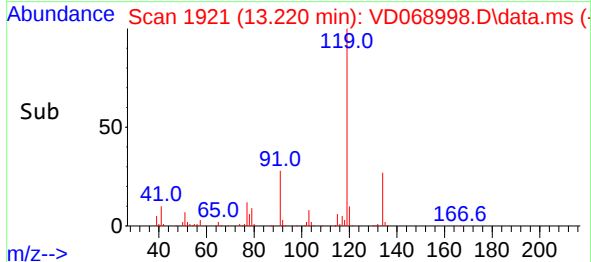
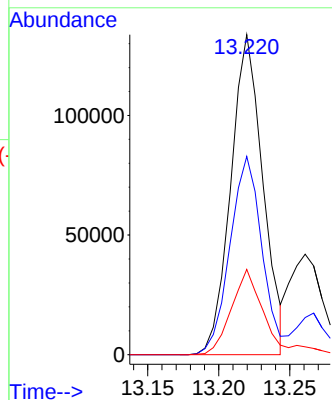
MMDadoda
4/29/2021 5:51:32 PM



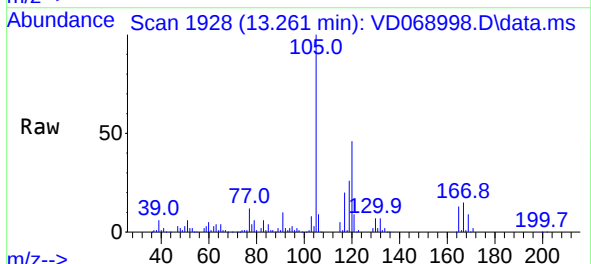
#83
tert-Butylbenzene
Concen: 20.03 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



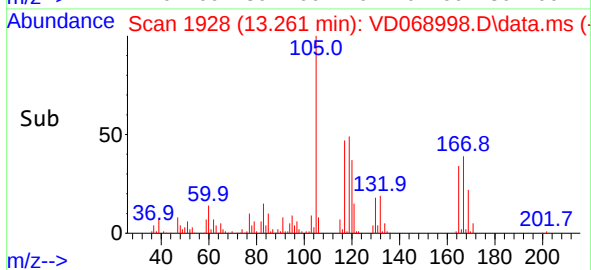
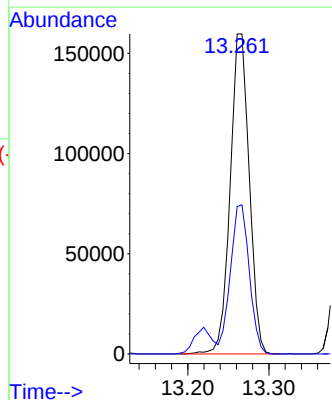
Tgt Ion:119 Resp: 210533
Ion Ratio Lower Upper
119 100
91 62.7 31.6 95.0
134 27.8 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 20.77 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



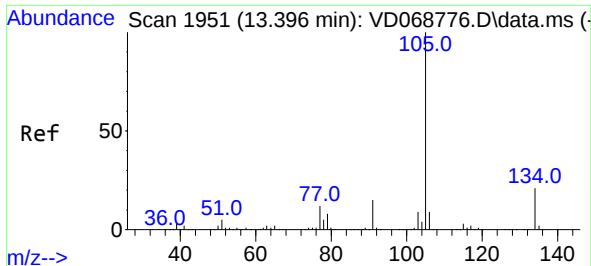
Tgt Ion:105 Resp: 259789
Ion Ratio Lower Upper
105 100
120 46.2 22.6 67.7



Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

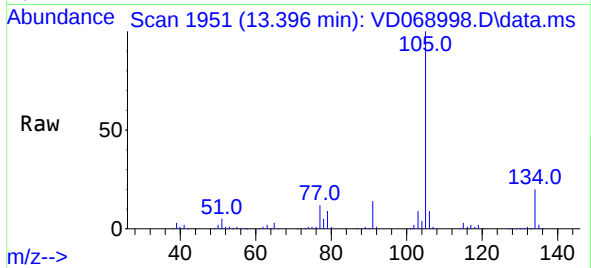
Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:51:32 PM



#85
sec-Butylbenzene
Concen: 20.30 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

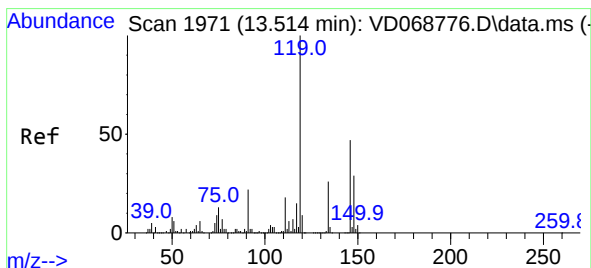
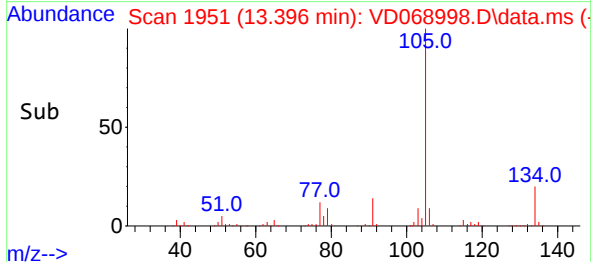
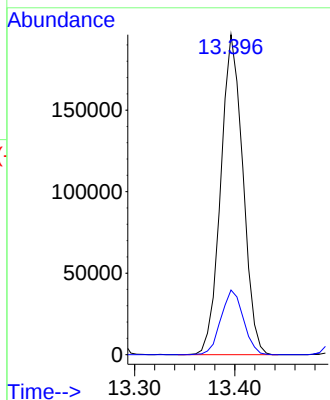
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



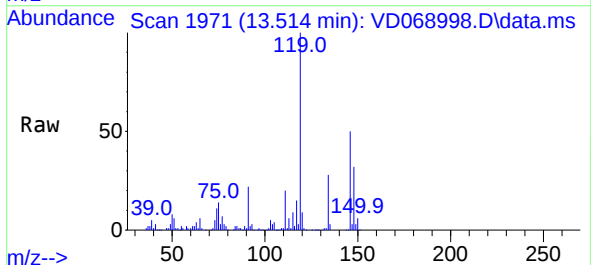
Tgt Ion:105 Resp: 301008
Ion Ratio Lower Upper
105 100
134 20.4 10.0 29.8

Manual Integrations
APPROVED

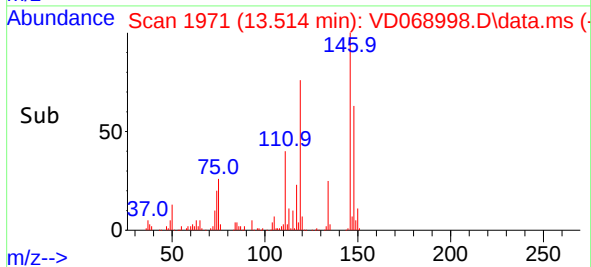
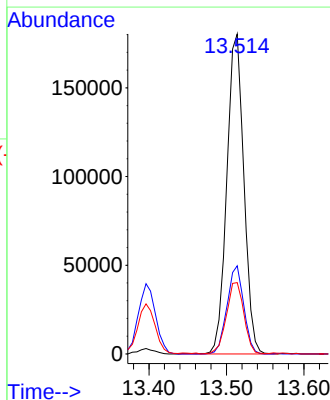
MMDadoda
4/29/2021 5:51:32 PM

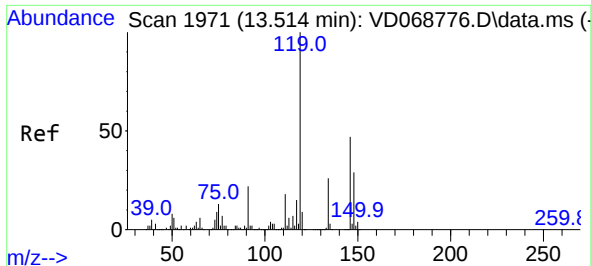


#86
p-Isopropyltoluene
Concen: 20.40 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



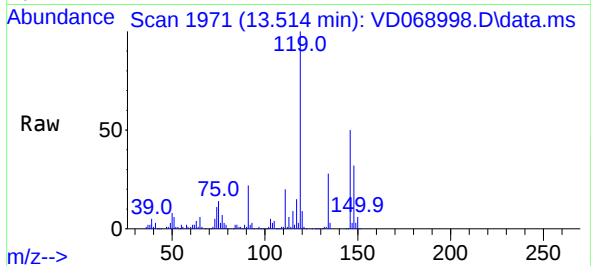
Tgt Ion:119 Resp: 276270
Ion Ratio Lower Upper
119 100
134 26.9 13.3 39.9
91 23.0 11.1 33.1





#87
1,3-Dichlorobenzene
Concen: 21.56 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

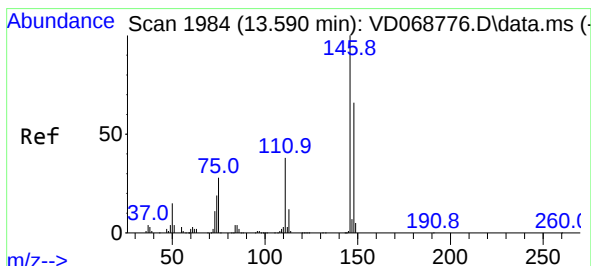
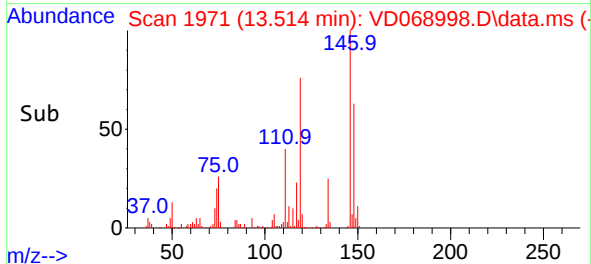
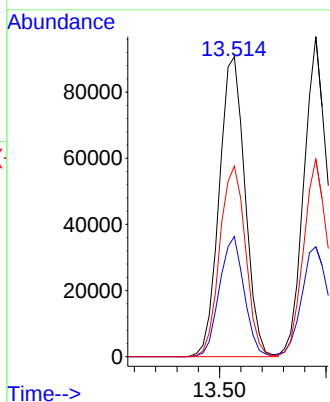
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



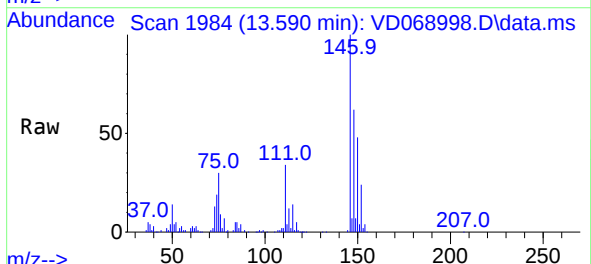
Tgt Ion:146 Resp: 152127
Ion Ratio Lower Upper
146 100
111 38.4 19.3 57.8
148 63.6 30.9 92.8

Manual Integrations
APPROVED

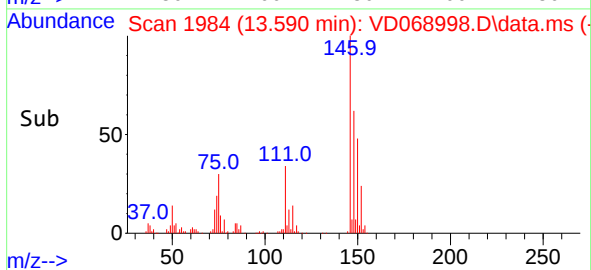
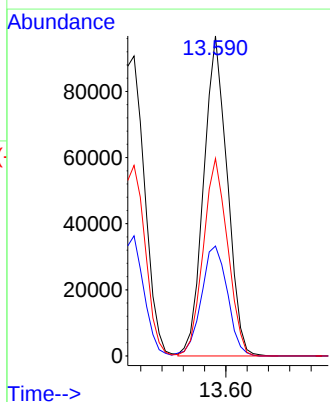
MMDadoda
4/29/2021 5:51:32 PM



#88
1,4-Dichlorobenzene
Concen: 21.30 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



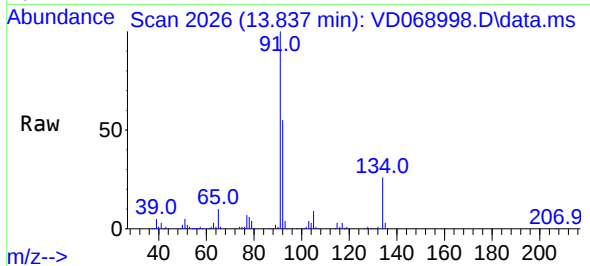
Tgt Ion:146 Resp: 148717
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.1
148 63.9 31.6 95.0





#89
n-Butylbenzene
Concen: 19.74 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

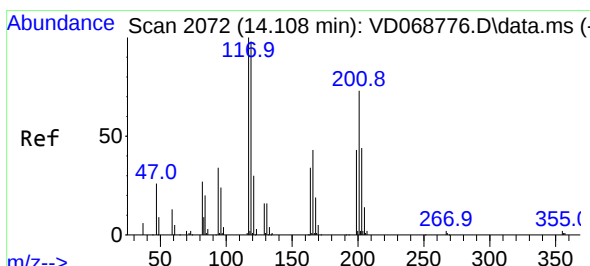
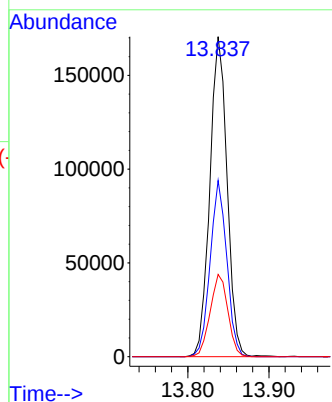
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



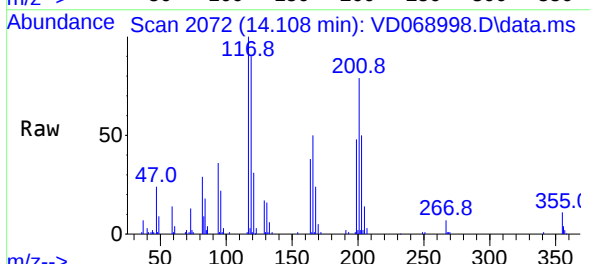
Tgt Ion: 91 Resp: 251797
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 26.4 12.9 38.6

Manual Integrations
APPROVED

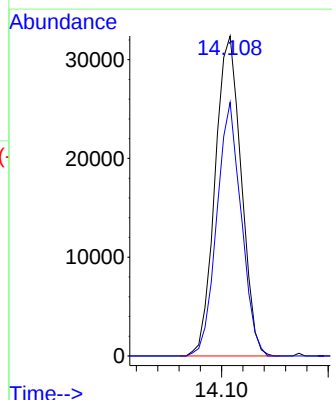
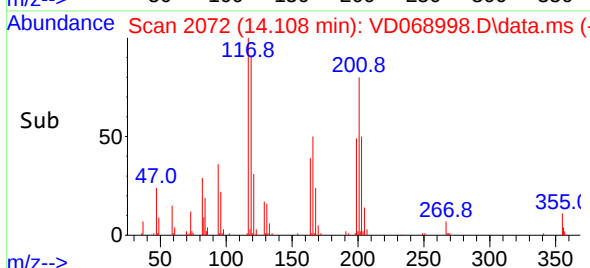
MMDadoda
4/29/2021 5:51:32 PM

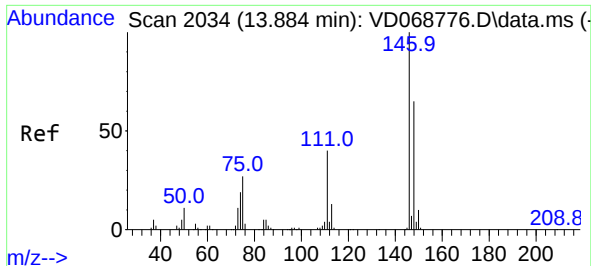


#90
Hexachloroethane
Concen: 20.44 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



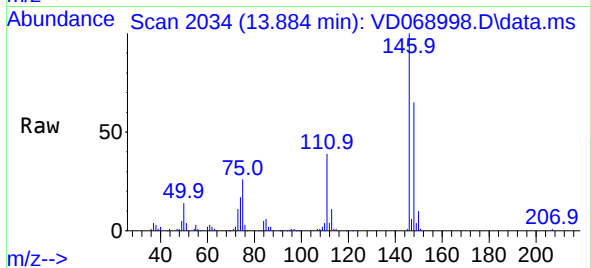
Tgt Ion: 117 Resp: 55143
Ion Ratio Lower Upper
117 100
201 74.2 35.4 106.2





#91
1,2-Dichlorobenzene
Concen: 21.63 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

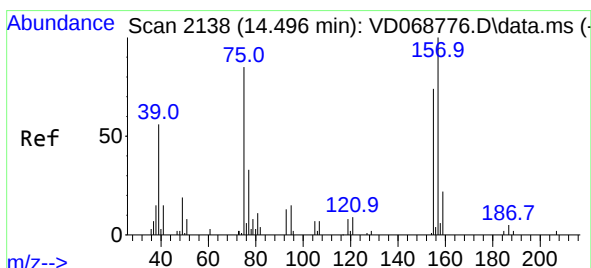
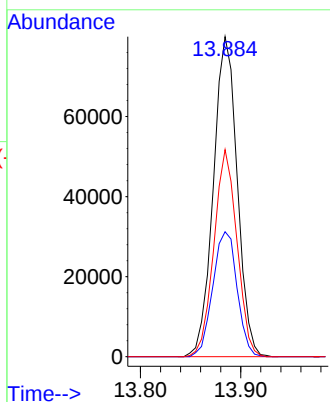
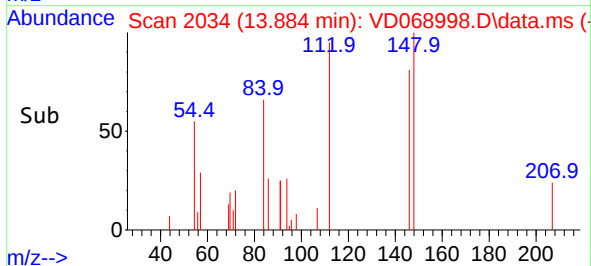
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



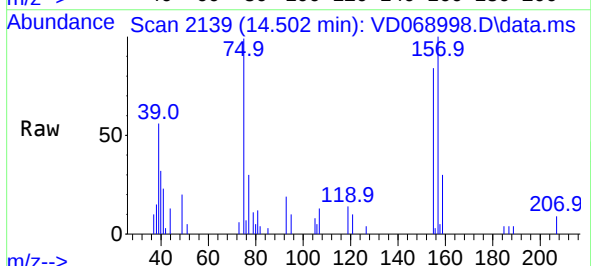
Tgt Ion:146 Resp: 132039
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.9
148 62.4 32.2 96.6

Manual Integrations
APPROVED

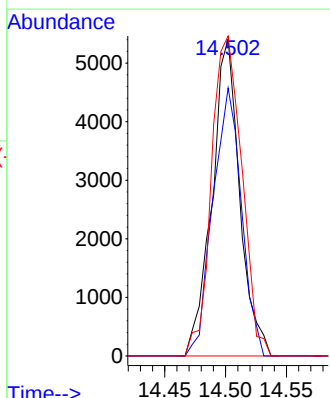
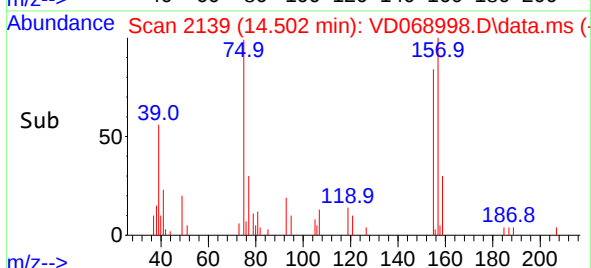
MMDadoda
4/29/2021 5:51:32 PM

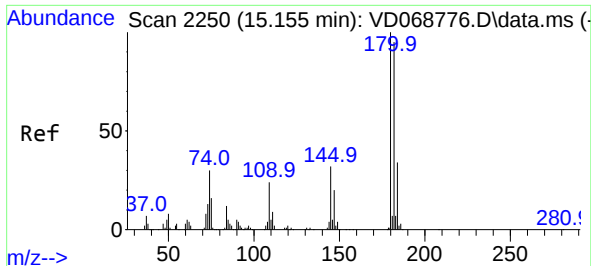


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.35 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



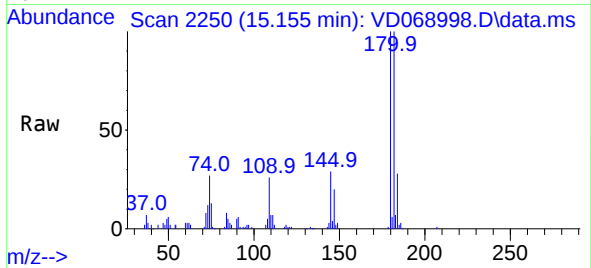
Tgt Ion: 75 Resp: 8565
Ion Ratio Lower Upper
75 100
155 87.0 46.8 140.3
157 110.7 59.8 179.3





#93
1,2,4-Trichlorobenzene
Concen: 21.88 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

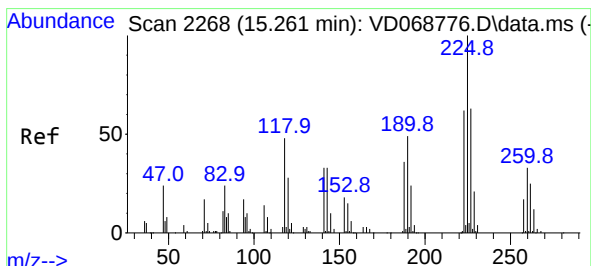
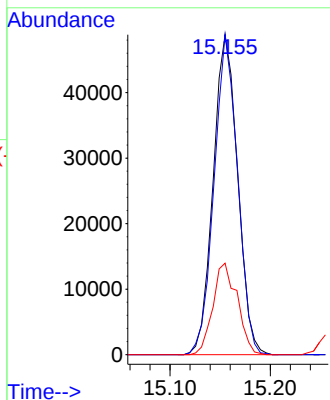
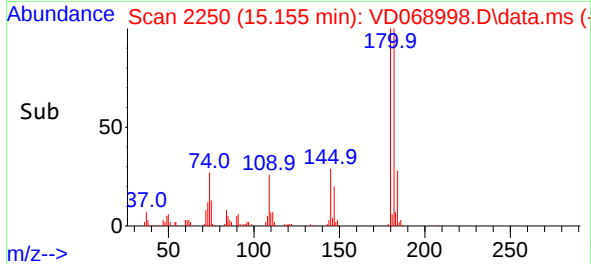
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



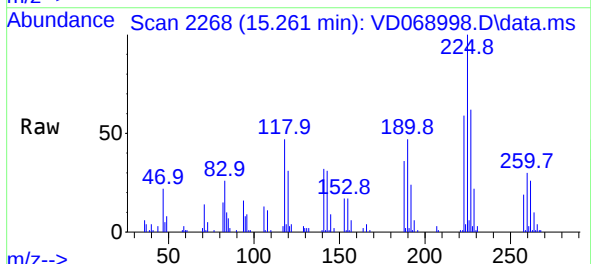
Tgt Ion:180 Resp: 82661
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.8
145 28.5 15.2 45.6

Manual Integrations
APPROVED

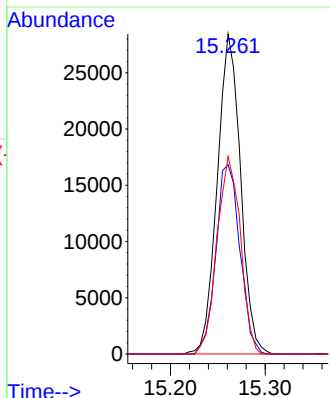
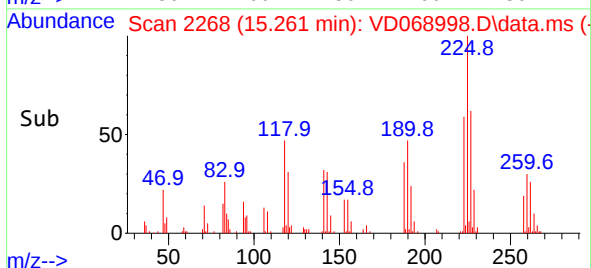
MMDadoda
4/29/2021 5:51:32 PM

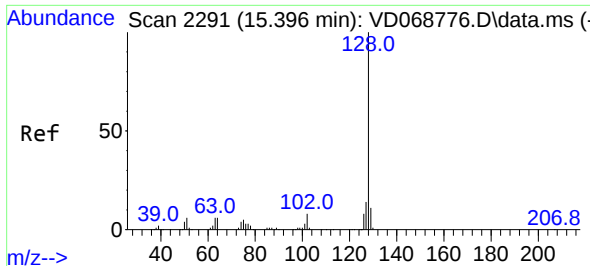


#94
Hexachlorobutadiene
Concen: 22.48 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



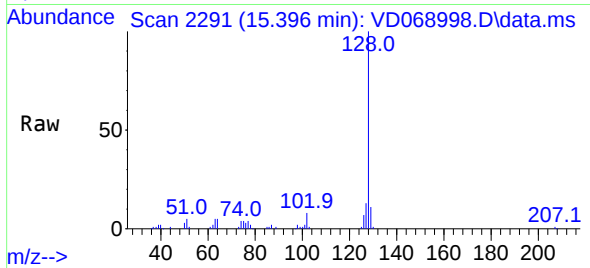
Tgt Ion:225 Resp: 48634
Ion Ratio Lower Upper
225 100
223 61.1 30.6 91.6
227 61.9 31.4 94.0





#95
Naphthalene
Concen: 20.21 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12

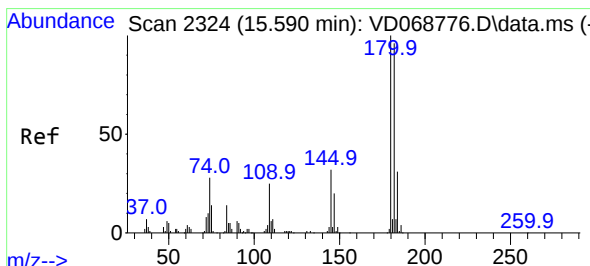
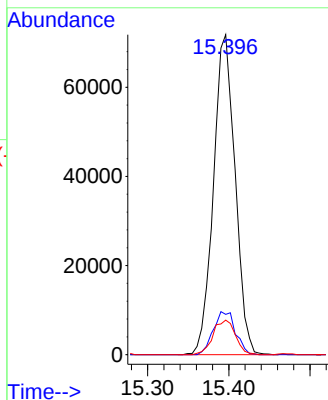
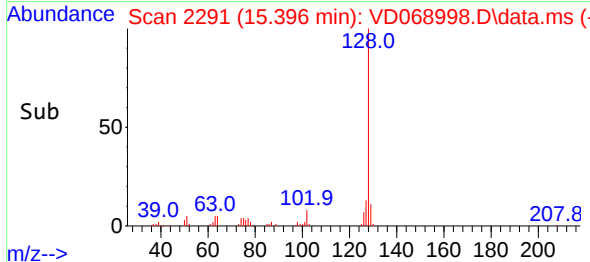
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01



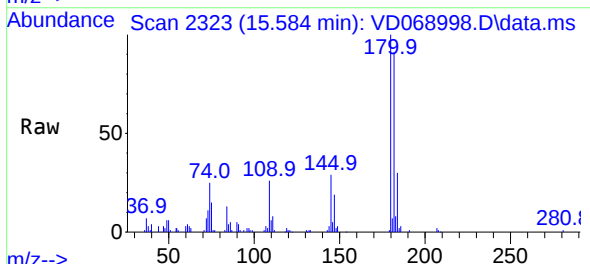
Tgt Ion:128 Resp: 133030
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.4
129 11.2 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:51:32 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.74 ug/l
RT: 15.584 min Scan# 2323
Delta R.T. -0.006 min
Lab File: VD068998.D
Acq: 28 Apr 2021 12:12



Tgt Ion:180 Resp: 71831
Ion Ratio Lower Upper
180 100
182 93.0 46.5 139.3
145 30.7 15.8 47.4

