

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068699.D
 Acq On : 29 Mar 2021 15:37
 Operator : VA/SY
 Sample : VD0329SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:23:38 PM

Quant Time: Mar 30 01:04:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	301419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	529141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	447783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	233305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	165423	54.43	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.86%			
35) Dibromofluoromethane	7.914	113	172418	52.37	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.74%			
50) Toluene-d8	10.338	98	628771	49.54	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.08%			
62) 4-Bromofluorobenzene	12.632	95	217304	52.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	49075	20.83	ug/l	99
3) Chloromethane	2.209	50	63078	21.73	ug/l	95
4) Vinyl Chloride	2.350	62	75804	22.09	ug/l #	88
5) Bromomethane	2.750	94	54838	21.63	ug/l	99
6) Chloroethane	2.915	64	50960	22.67	ug/l	98
7) Trichlorofluoromethane	3.268	101	90279	22.07	ug/l	99
8) Diethyl Ether	3.709	74	26995	23.87	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	56903	23.25	ug/l	99
10) Methyl Iodide	4.297	142	47461	18.79	ug/l	97
11) Tert butyl alcohol	5.232	59	16338	116.66	ug/l	99
12) 1,1-Dichloroethene	4.062	96	54307	22.79	ug/l	99
13) Acrolein	3.926	56	16585	135.46	ug/l	97
14) Allyl chloride	4.715	41	66002	22.80	ug/l	99
15) Acrylonitrile	5.426	53	60790	110.43	ug/l	97
16) Acetone	4.168	43	40768	110.56	ug/l	96
17) Carbon Disulfide	4.409	76	162622	21.26	ug/l	97
18) Methyl Acetate	4.720	43	23909	23.59	ug/l	95
19) Methyl tert-butyl Ether	5.485	73	128277	21.38	ug/l	99
20) Methylene Chloride	4.962	84	76950	20.57	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	67415	20.35	ug/l	96
22) Diisopropyl ether	6.367	45	157875	21.46	ug/l	96
23) Vinyl Acetate	6.309	43	398637	101.99	ug/l	98
24) 1,1-Dichloroethane	6.262	63	111200	20.61	ug/l	98
25) 2-Butanone	7.220	43	59002	96.57	ug/l	95
26) 2,2-Dichloropropane	7.209	77	88214	18.38	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	68666	18.60	ug/l	99
28) Bromochloromethane	7.550	49	39689	18.60	ug/l	95
29) Tetrahydrofuran	7.567	42	38630	100.02	ug/l	97
30) Chloroform	7.714	83	124213	21.18	ug/l	98
31) Cyclohexane	7.985	56	94317	19.23	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	103732	19.82	ug/l	97
36) 1,1-Dichloropropene	8.109	75	90286	19.10	ug/l	98
37) Ethyl Acetate	7.291	43	29975	20.10	ug/l	96
38) Carbon Tetrachloride	8.097	117	90913	19.28	ug/l	99
39) Methylcyclohexane	9.356	83	107448	18.42	ug/l	96
40) Benzene	8.350	78	274437	19.90	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068699.D
 Acq On : 29 Mar 2021 15:37
 Operator : VA/SY
 Sample : VD0329SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:23:38 PM

Quant Time: Mar 30 01:04:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	13974	16.01	ug/l #	83
42) 1,2-Dichloroethane	8.426	62	73636	20.41	ug/l	99
43) Isopropyl Acetate	8.450	43	60065	21.00	ug/l	100
44) Trichloroethene	9.108	130	77732	20.31	ug/l	90
45) 1,2-Dichloropropane	9.391	63	67410	20.43	ug/l	97
46) Dibromomethane	9.479	93	37080	19.77	ug/l	97
47) Bromodichloromethane	9.661	83	94386	19.61	ug/l	98
48) Methyl methacrylate	9.456	41	26595	18.34	ug/l	87
49) 1,4-Dioxane	9.456	88	8495	407.54	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	154582	103.79	ug/l	98
52) Toluene	10.403	92	159511	18.28	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	87269	19.72	ug/l	92
54) cis-1,3-Dichloropropene	10.091	75	104351	19.85	ug/l	98
55) 1,1,2-Trichloroethane	10.803	97	52970	20.07	ug/l	98
56) Ethyl methacrylate	10.661	69	54151	18.99	ug/l	96
57) 1,3-Dichloropropane	10.944	76	87791	20.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	117265	80.72	ug/l	99
59) 2-Hexanone	10.985	43	99655	99.65	ug/l	98
60) Dibromochloromethane	11.138	129	64122	19.59	ug/l	97
61) 1,2-Dibromoethane	11.244	107	51352	20.16	ug/l	99
64) Tetrachloroethene	10.873	164	60854	20.96	ug/l	96
65) Chlorobenzene	11.667	112	178203	20.22	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	62498	19.71	ug/l	97
67) Ethyl Benzene	11.744	91	299719	19.50	ug/l	100
68) m/p-Xylenes	11.850	106	257400	42.97	ug/l	99
69) o-Xylene	12.179	106	116649	21.01	ug/l	99
70) Styrene	12.197	104	203635	21.34	ug/l	99
71) Bromoform	12.355	173	37507	22.43	ug/l #	99
73) Isopropylbenzene	12.479	105	319148	19.91	ug/l	99
74) N-amyl acetate	12.285	43	54160	20.27	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	57624	20.35	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	54899m	28.27	ug/l	
77) Bromobenzene	12.761	156	75724	20.14	ug/l	99
78) n-propylbenzene	12.820	91	378364	19.82	ug/l	99
79) 2-Chlorotoluene	12.902	91	202761	19.47	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	253516	19.56	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	17445	20.44	ug/l	98
82) 4-Chlorotoluene	13.002	91	217760	19.57	ug/l	96
83) tert-Butylbenzene	13.220	119	224550	20.32	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	265924	19.86	ug/l	99
85) sec-Butylbenzene	13.397	105	319831	19.91	ug/l	100
86) p-Isopropyltoluene	13.514	119	290197	19.85	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	149938	20.00	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	146605	19.89	ug/l	97
89) n-Butylbenzene	13.838	91	268904	19.38	ug/l	100
90) Hexachloroethane	14.108	117	57175	21.74	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	128318	20.14	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8429	20.80	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	83158	20.09	ug/l	96
94) Hexachlorobutadiene	15.261	225	45108	19.09	ug/l	96
95) Naphthalene	15.396	128	142955	19.73	ug/l	98
96) 1,2,3-Trichlorobenzene	15.585	180	72680	20.62	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068699.D
 Acq On : 29 Mar 2021 15:37
 Operator : VA/SY
 Sample : VD0329SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBSD01

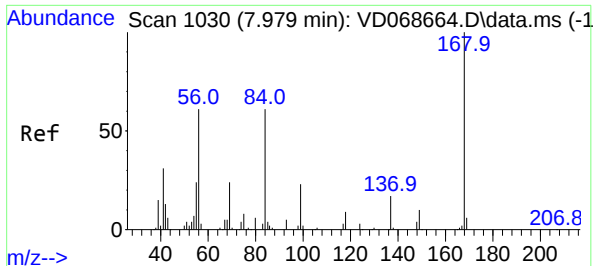
Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:23:38 PM

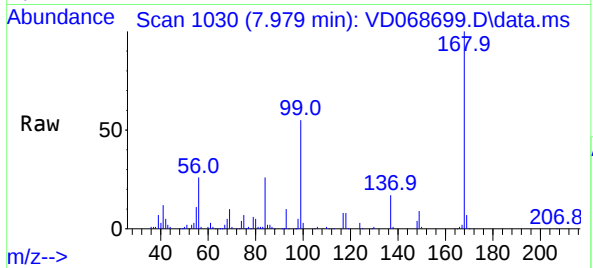
Quant Time: Mar 30 01:04:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

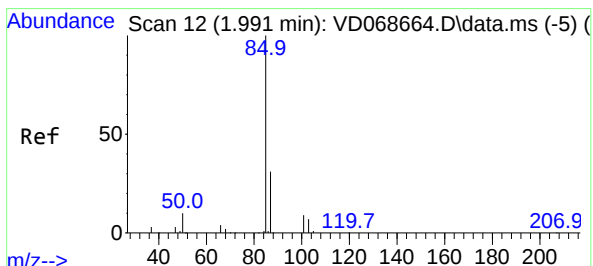
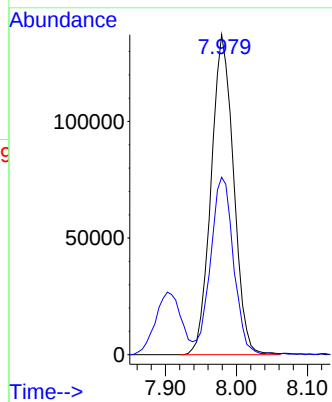
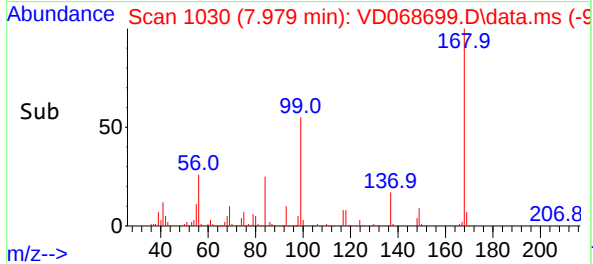
(#) = qualifier out of range (m) = manual integration (+) = signals summed



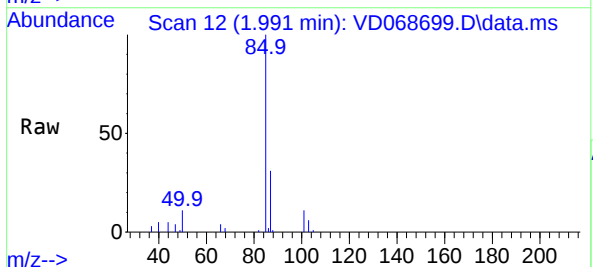
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



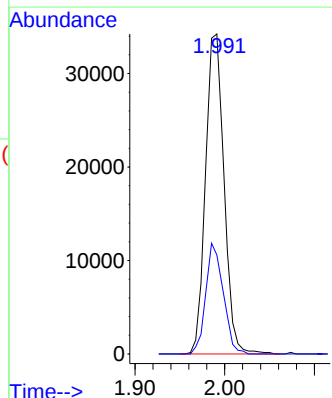
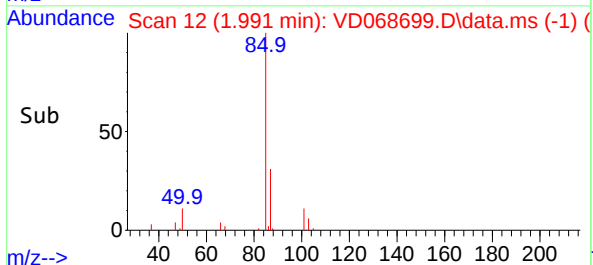
Tgt Ion: 168 Resp: 301419
Ion Ratio Lower Upper
168 100
99 55.1 46.2 69.2



#2
Dichlorodifluoromethane
Concen: 20.83 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



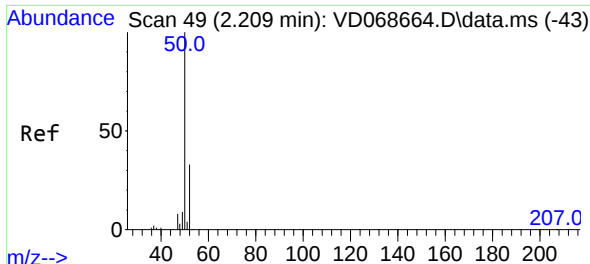
Tgt Ion: 85 Resp: 49075
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.0



Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:23:38 PM



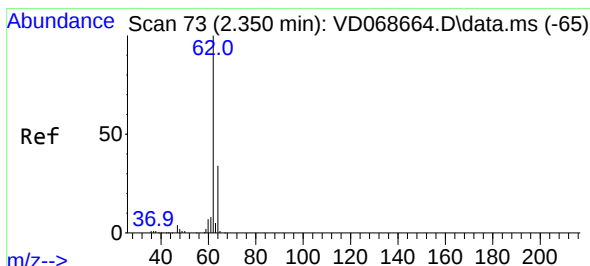
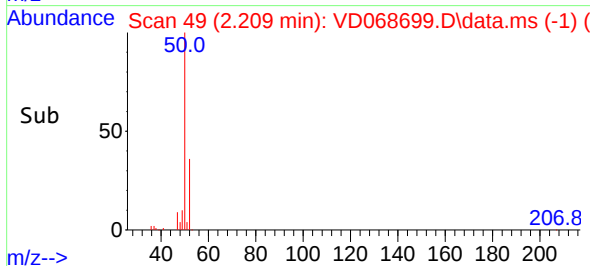
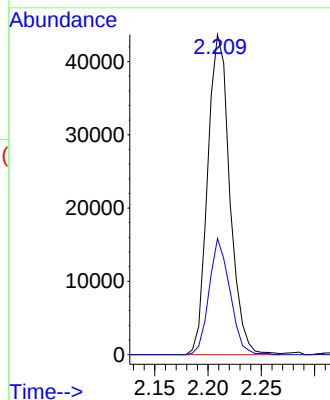
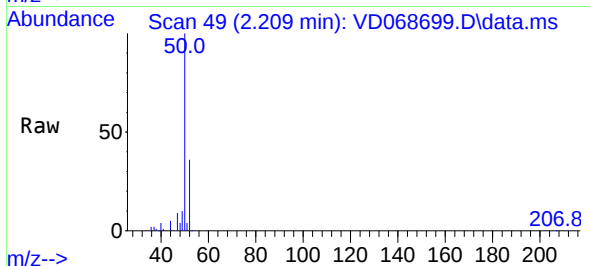
#3
Chloromethane
Concen: 21.73 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 50 Resp: 63078
Ion Ratio Lower Upper
50 100
52 36.4 26.7 40.1

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

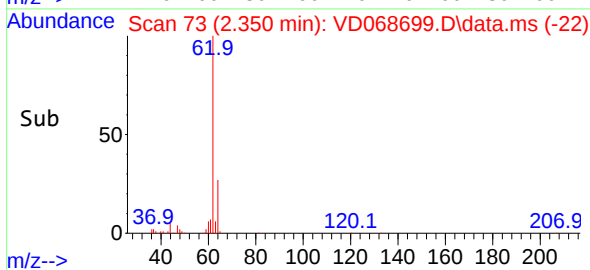
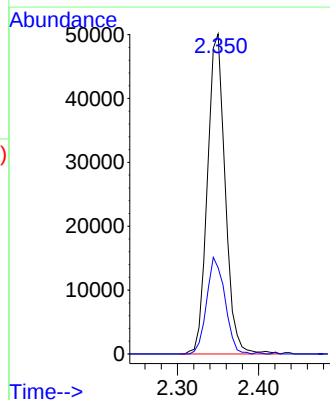
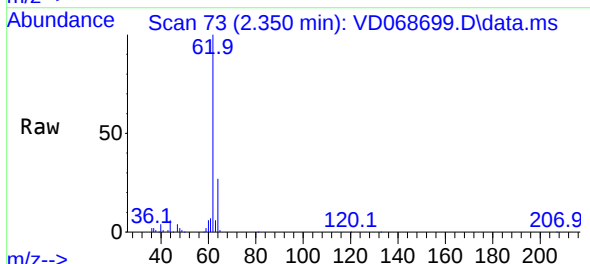
Manual Integrations
APPROVED

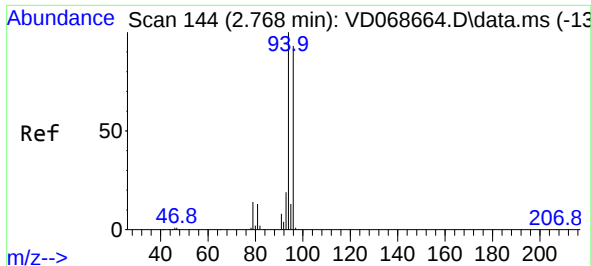
MMDadoda
3/30/2021 7:23:38 PM



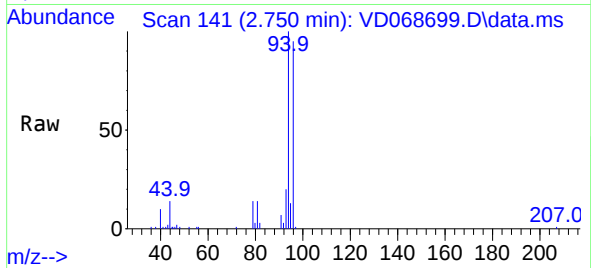
#4
Vinyl Chloride
Concen: 22.09 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 62 Resp: 75804
Ion Ratio Lower Upper
62 100
64 27.0 27.1 40.7#

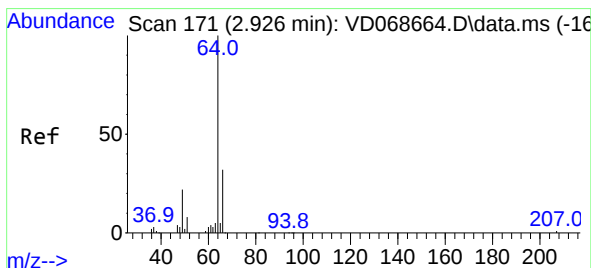
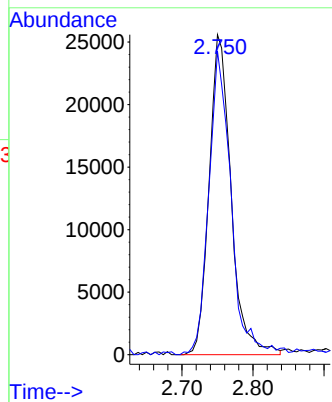
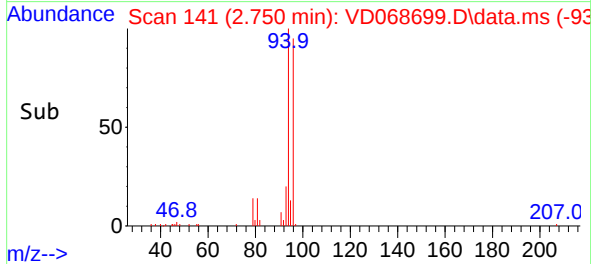




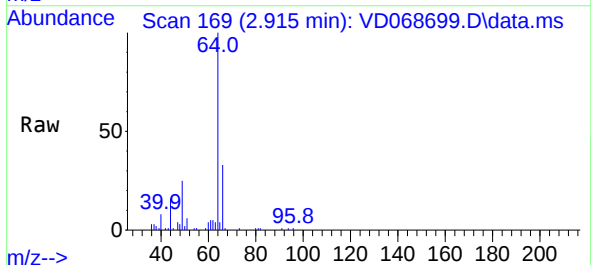
#5
Bromomethane
Concen: 21.63 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.018 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



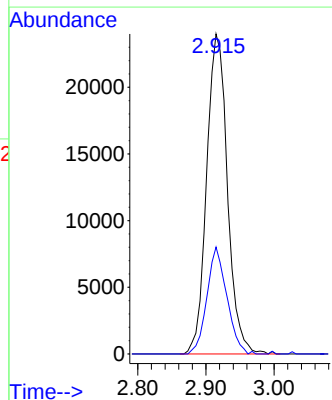
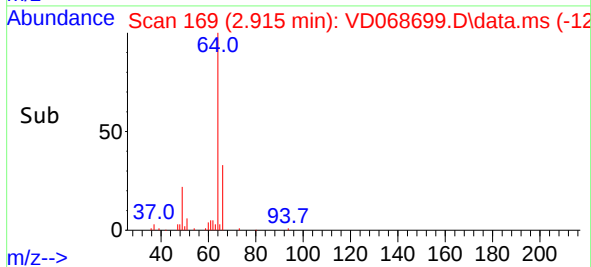
Tgt Ion: 94 Resp: 54838
Ion Ratio Lower Upper
94 100
96 94.8 74.7 112.1



#6
Chloroethane
Concen: 22.67 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.012 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



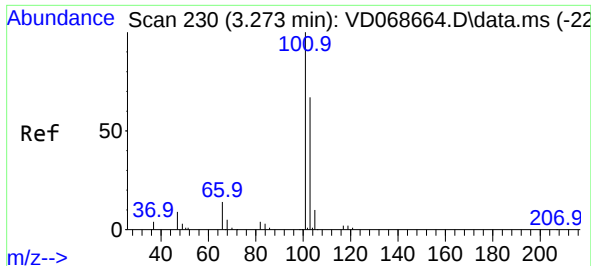
Tgt Ion: 64 Resp: 50960
Ion Ratio Lower Upper
64 100
66 33.4 26.0 39.0



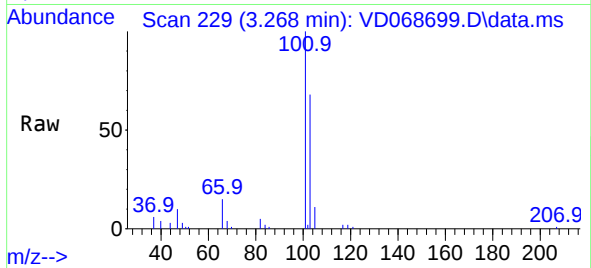
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

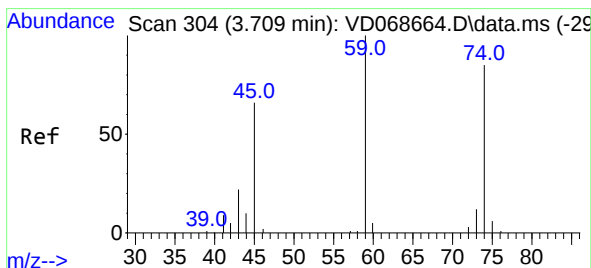
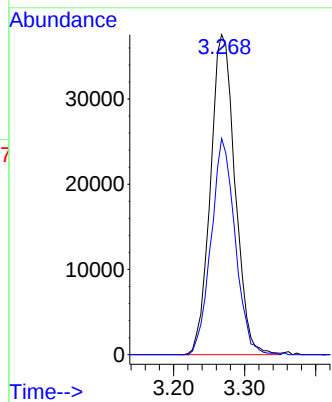
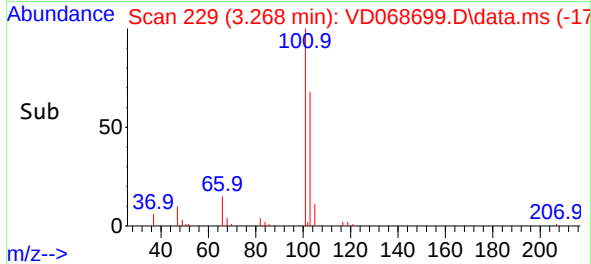
MMDadoda
3/30/2021 7:23:38 PM



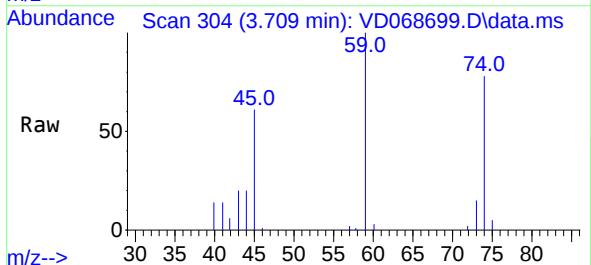
#7
Trichlorofluoromethane
Concen: 22.07 ug/l
RT: 3.268 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



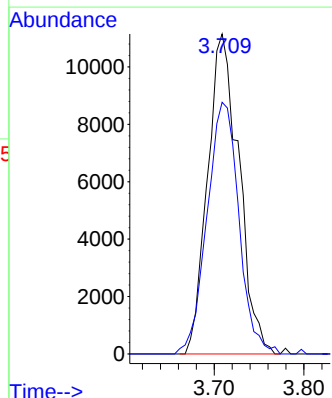
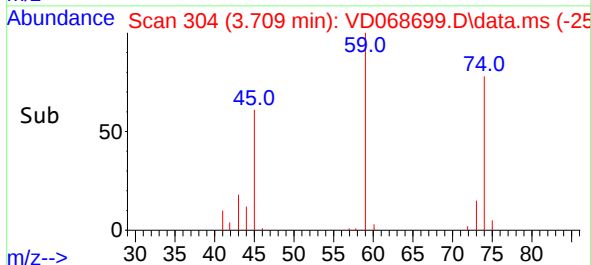
Tgt Ion:101 Resp: 90279
Ion Ratio Lower Upper
101 100
103 67.5 53.4 80.2



#8
Diethyl Ether
Concen: 23.87 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



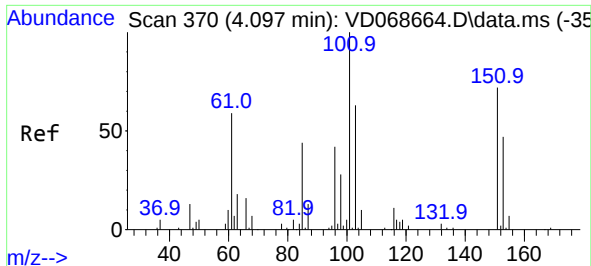
Tgt Ion: 74 Resp: 26995
Ion Ratio Lower Upper
74 100
45 79.9 40.5 121.5



Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:23:38 PM



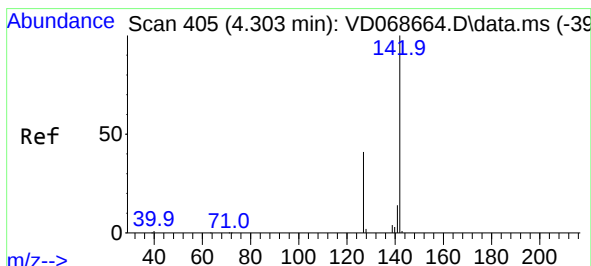
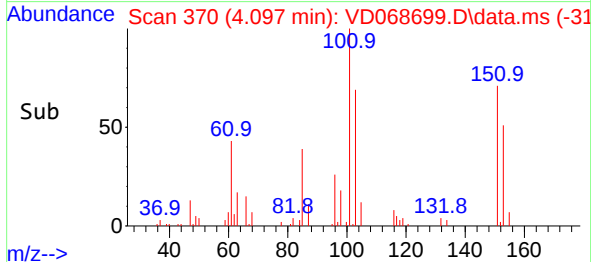
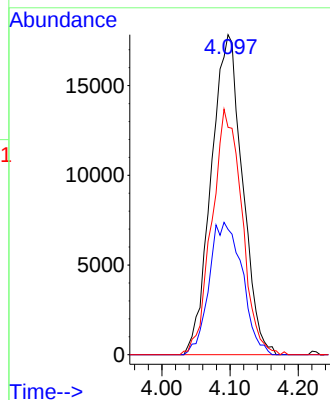
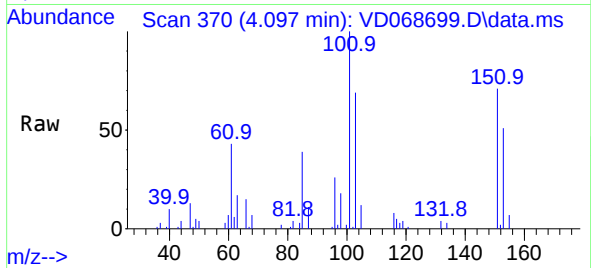
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.25 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion:	101	Resp:	56903
Ion	Ratio	Lower	Upper
101	100		
85	43.9	33.8	50.6
151	73.9	59.4	89.2

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

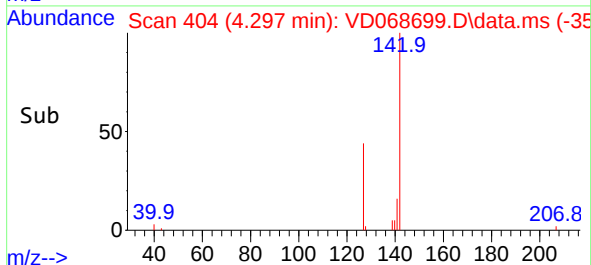
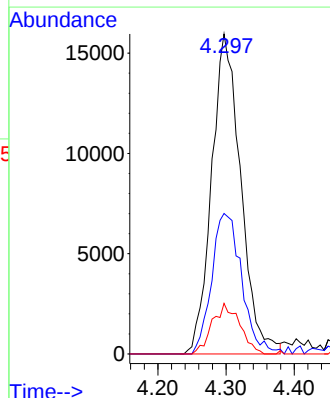
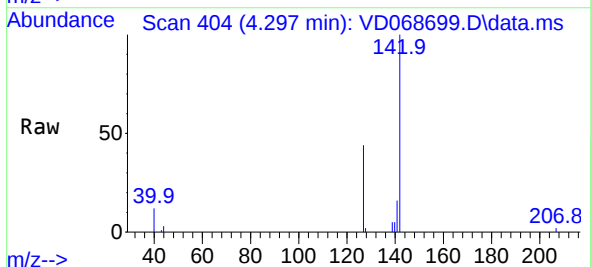
Manual Integrations
APPROVED

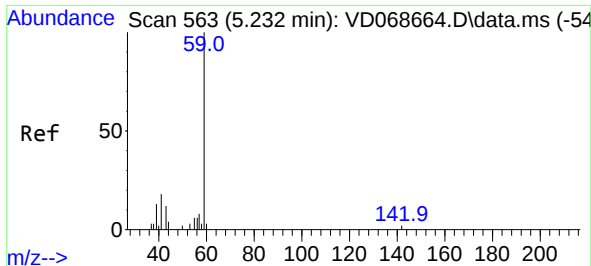
MMDadoda
3/30/2021 7:23:38 PM



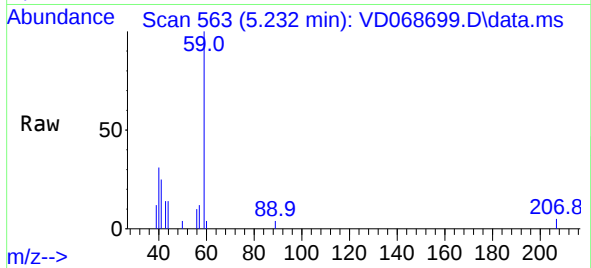
#10
Methyl Iodide
Concen: 18.79 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion:	142	Resp:	47461
Ion	Ratio	Lower	Upper
142	100		
127	45.1	34.7	52.1
141	14.9	11.0	16.4

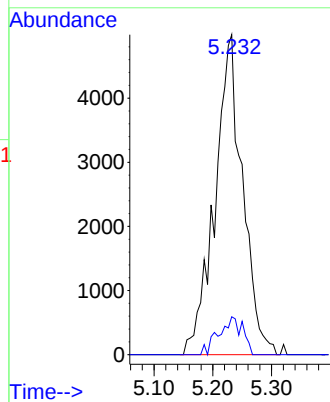
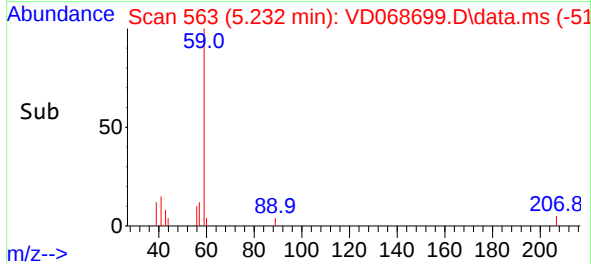




#11
Tert butyl alcohol
Concen: 116.66 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



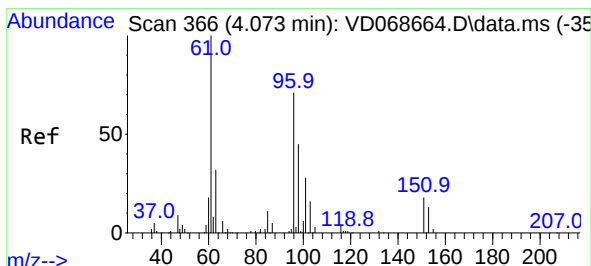
Tgt Ion: 59 Resp: 16338
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8



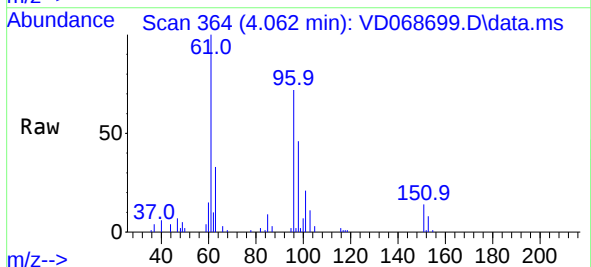
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

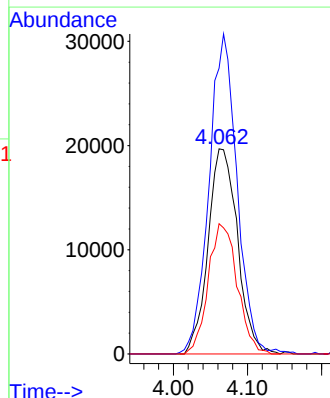
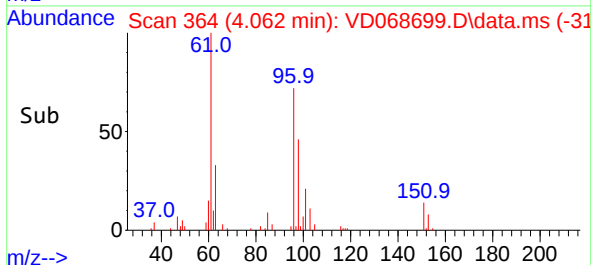
MMDadoda
3/30/2021 7:23:38 PM

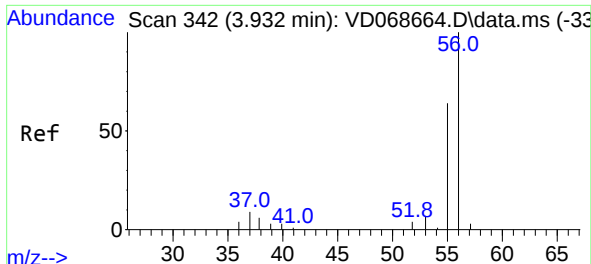


#12
1,1-Dichloroethene
Concen: 22.79 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.012 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



Tgt Ion: 96 Resp: 54307
Ion Ratio Lower Upper
96 100
61 138.6 112.2 168.2
98 63.5 50.2 75.2





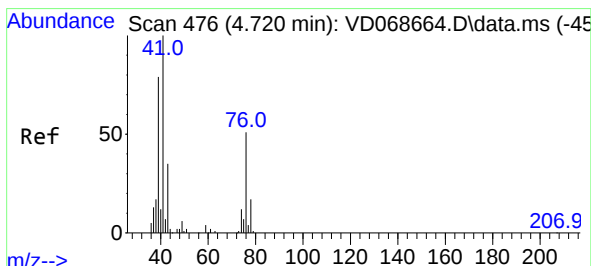
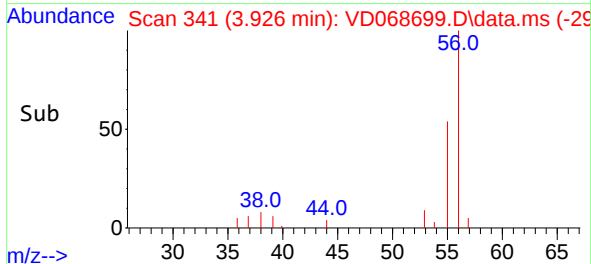
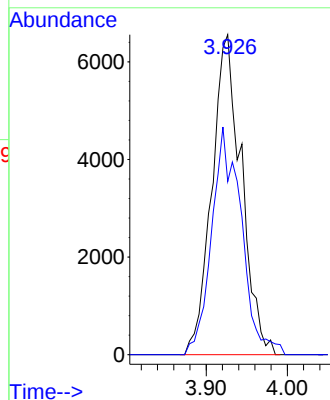
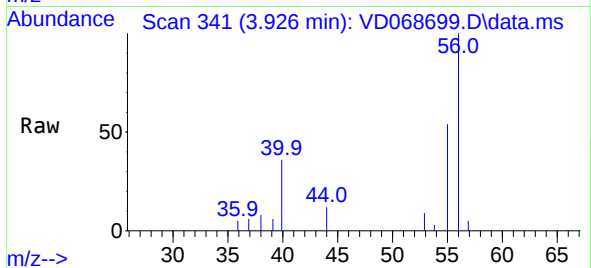
#13
Acrolein
Concen: 135.46 ug/l
RT: 3.926 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 56 Resp: 16585
Ion Ratio Lower Upper
56 100
55 71.1 54.7 82.1

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

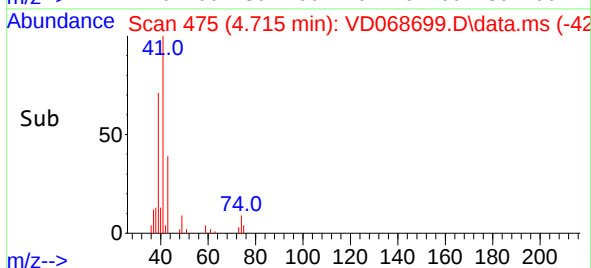
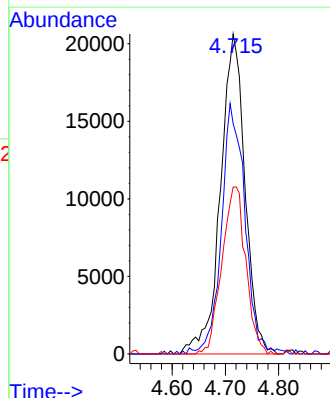
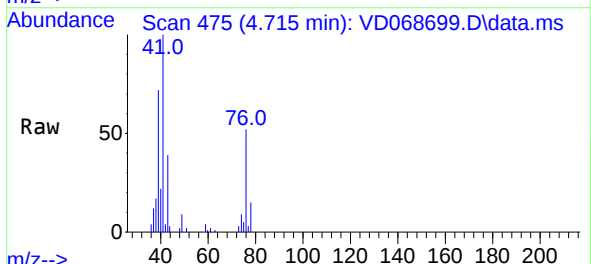
Manual Integrations
APPROVED

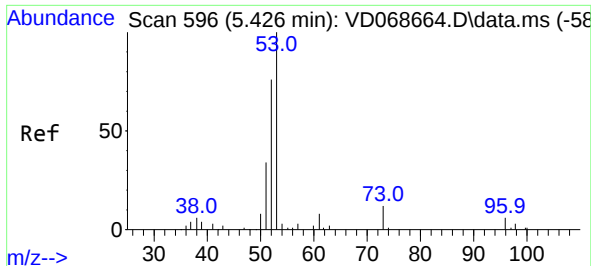
MMDadoda
3/30/2021 7:23:38 PM



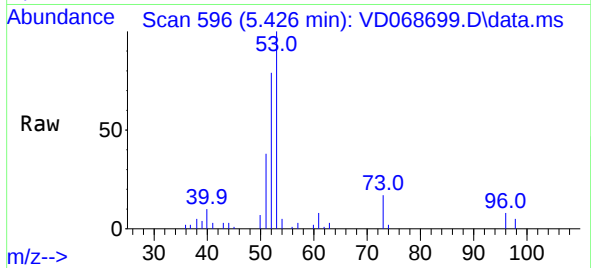
#14
Allyl chloride
Concen: 22.80 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 41 Resp: 66002
Ion Ratio Lower Upper
41 100
39 75.0 60.6 91.0
76 50.9 40.4 60.6

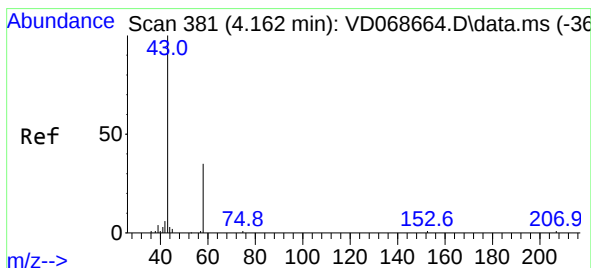
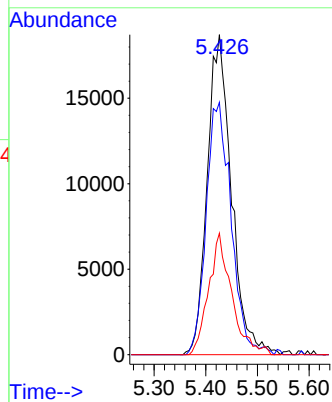
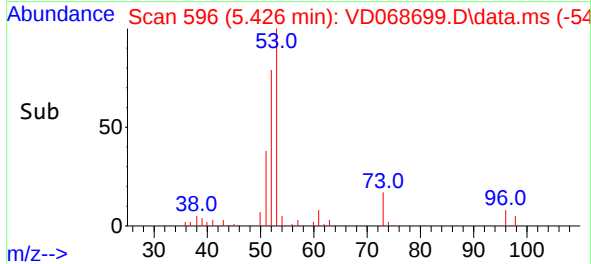




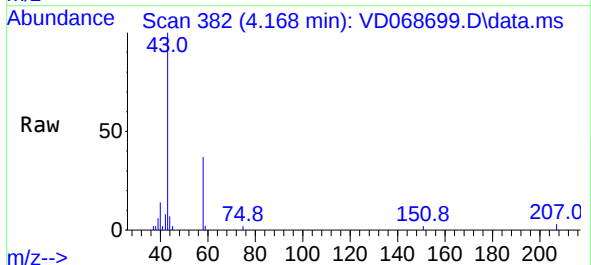
#15
Acrylonitrile
Concen: 110.43 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



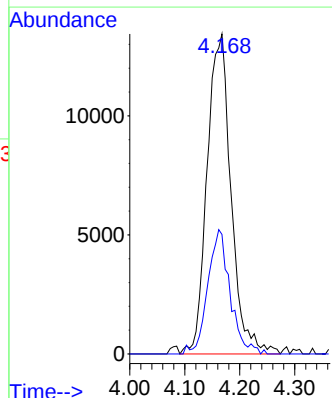
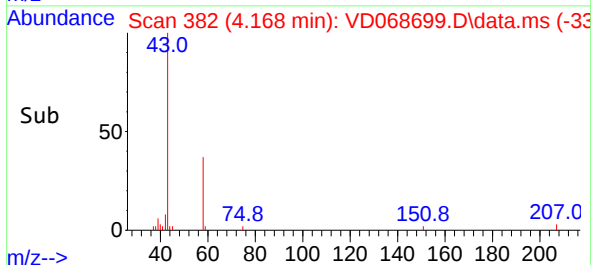
Tgt Ion:	53	Resp:	60790
Ion	Ratio	Lower	Upper
53	100		
52	81.7	63.3	94.9
51	36.4	28.3	42.5



#16
Acetone
Concen: 110.56 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



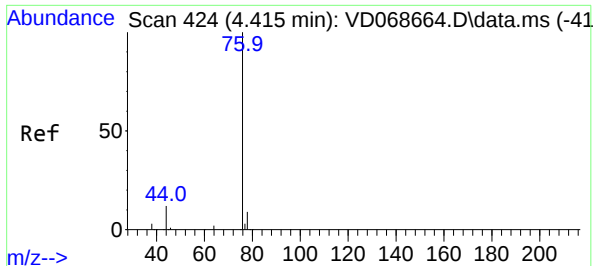
Tgt Ion:	43	Resp:	40768
Ion	Ratio	Lower	Upper
43	100		
58	37.3	28.0	42.0



Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:23:38 PM



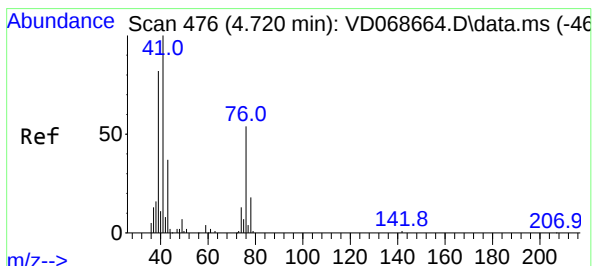
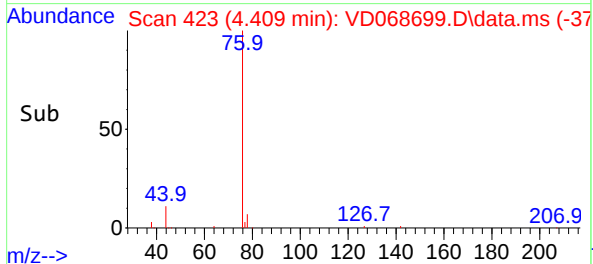
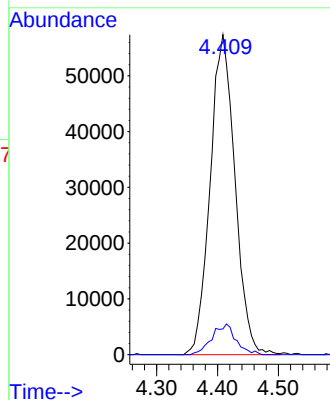
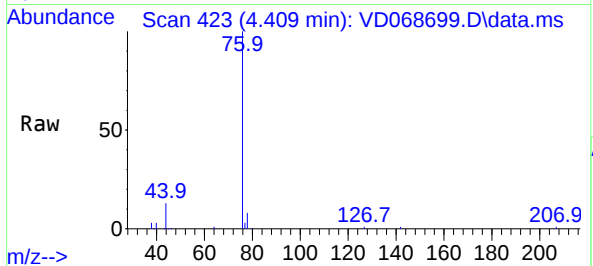
#17
Carbon Disulfide
Concen: 21.26 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 76 Resp: 162622
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

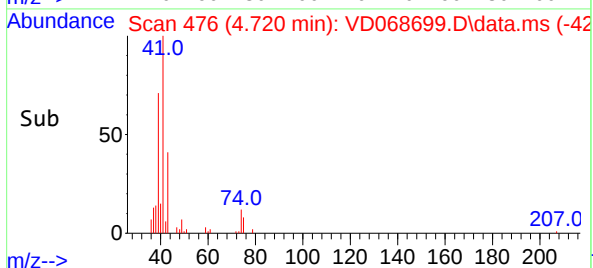
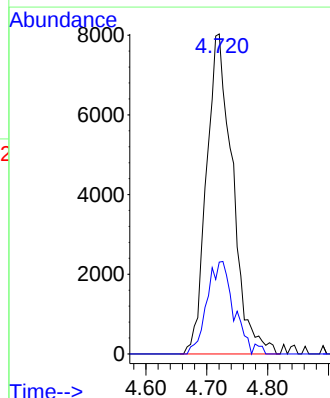
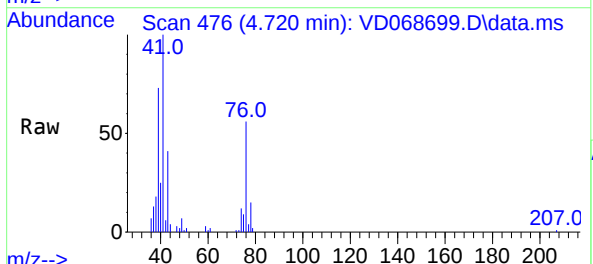
Manual Integrations
APPROVED

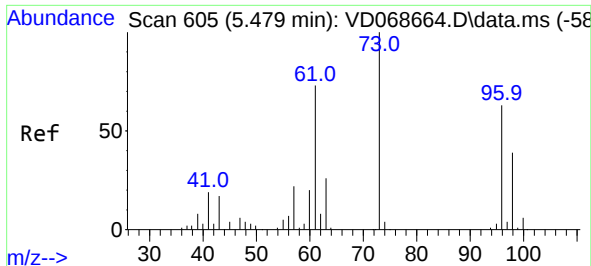
MMDadoda
3/30/2021 7:23:38 PM



#18
Methyl Acetate
Concen: 23.59 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 43 Resp: 23909
Ion Ratio Lower Upper
43 100
74 29.1 25.4 38.2





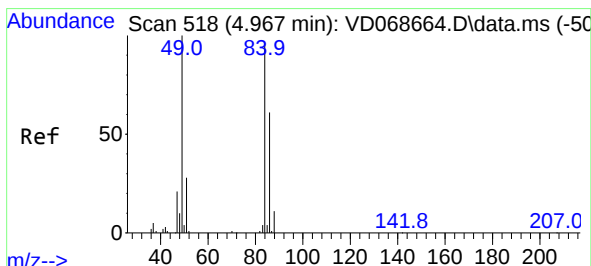
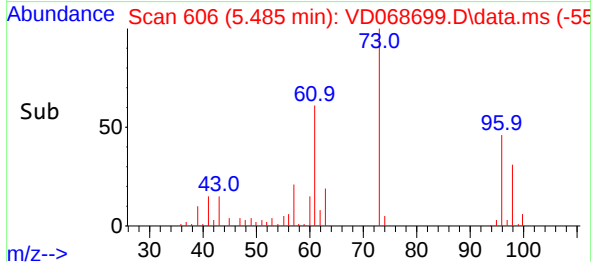
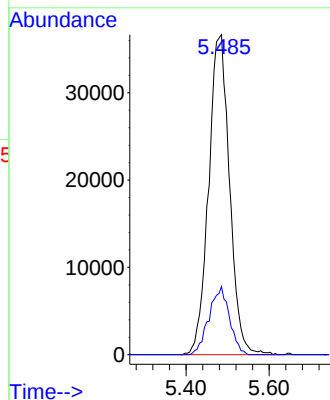
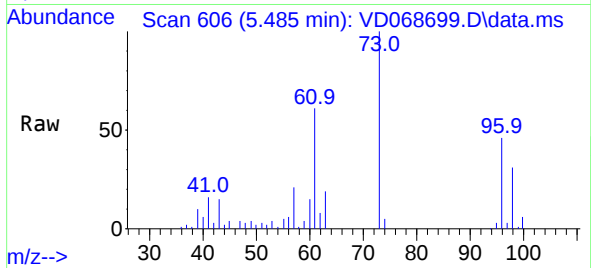
#19
Methyl tert-butyl Ether
Concen: 21.38 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 73 Resp: 128277
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

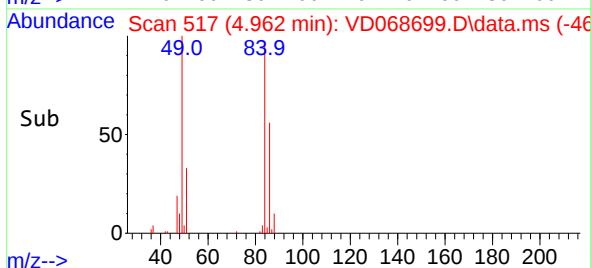
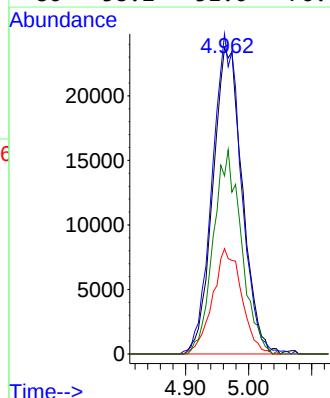
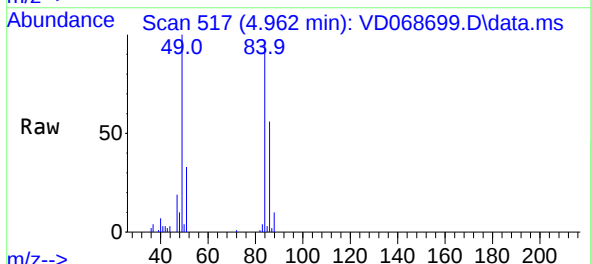
Manual Integrations
APPROVED

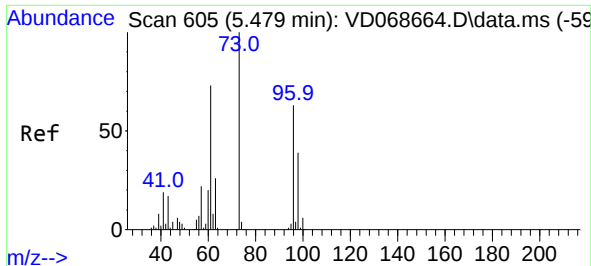
MMDadoda
3/30/2021 7:23:38 PM



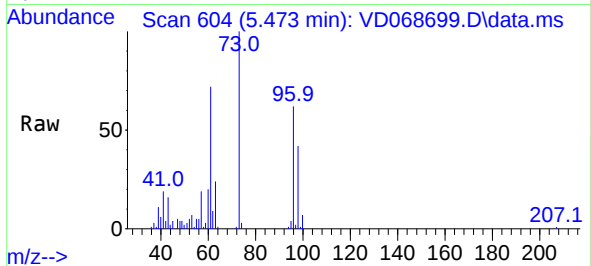
#20
Methylene Chloride
Concen: 20.57 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 84 Resp: 76950
Ion Ratio Lower Upper
84 100
49 104.5 83.4 125.0
51 34.4 23.4 35.2
86 58.2 51.0 76.4



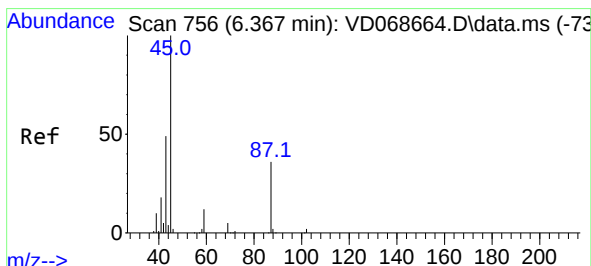
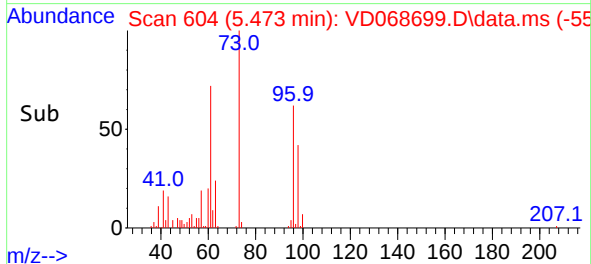
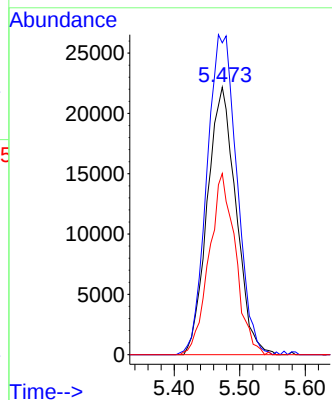


#21
trans-1,2-Dichloroethene
Concen: 20.35 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

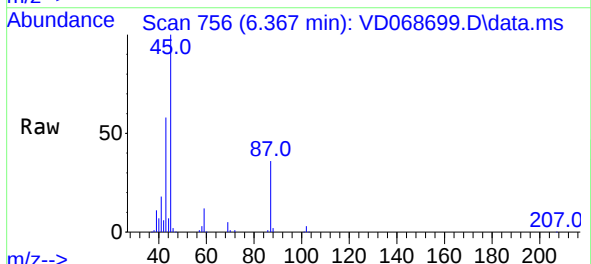


Tgt Ion: 96 Resp: 67415

Ion	Ratio	Lower	Upper
96	100		
61	116.6	91.8	137.6
98	67.7	49.3	73.9

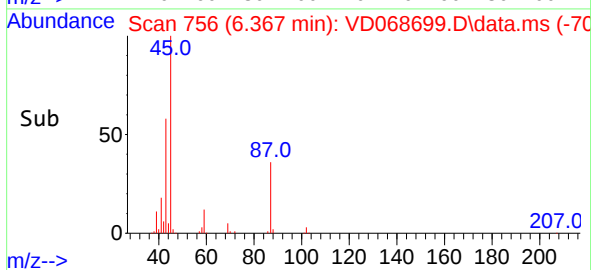
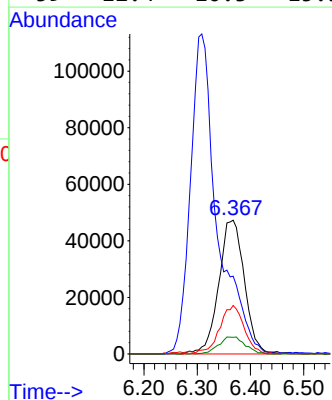


#22
Diisopropyl ether
Concen: 21.46 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



Tgt Ion: 45 Resp: 157875

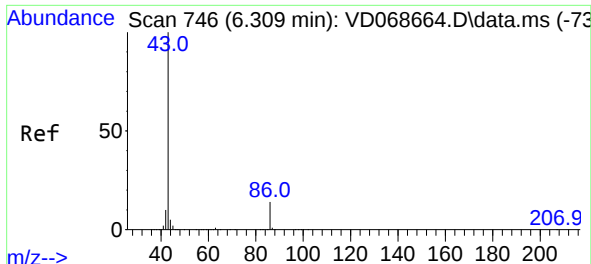
Ion	Ratio	Lower	Upper
45	100		
43	57.4	41.8	62.8
87	36.3	29.2	43.8
59	12.4	10.3	15.5



Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:23:38 PM

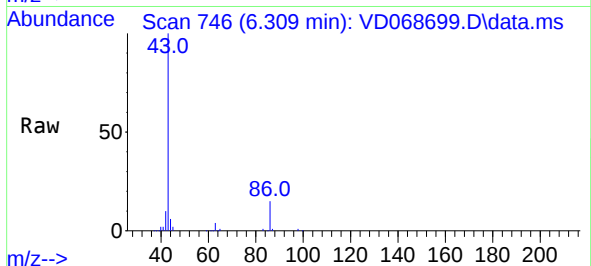


#23
 Vinyl Acetate
 Concen: 101.99 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068699.D
 Acq: 29 Mar 2021 15:37

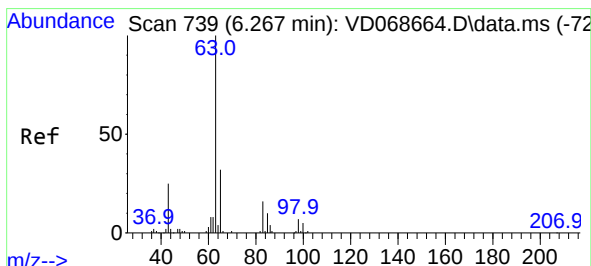
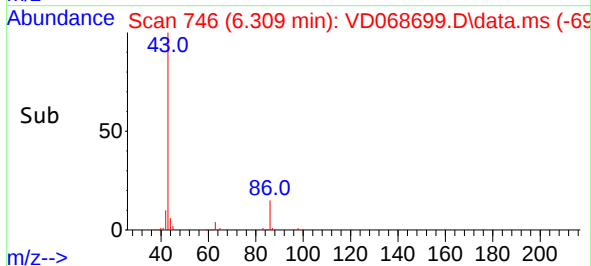
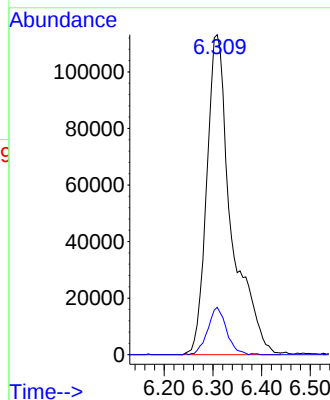
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:23:38 PM

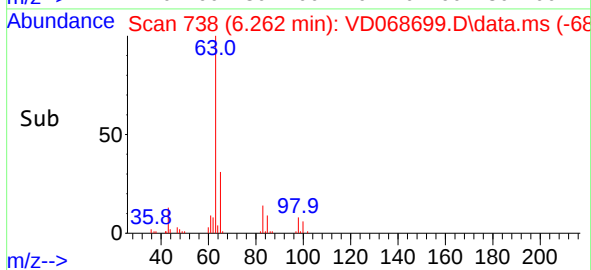
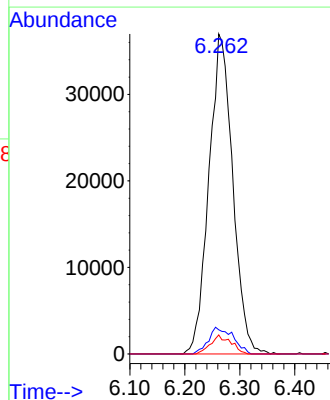
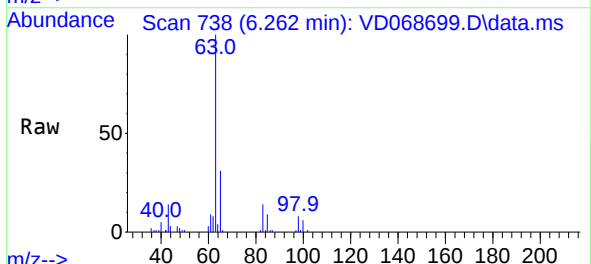


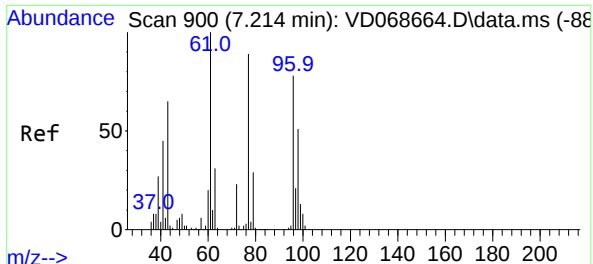
Tgt Ion: 43 Resp: 398637
 Ion Ratio Lower Upper
 43 100
 86 14.8 11.0 16.6



#24
 1,1-Dichloroethane
 Concen: 20.61 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD068699.D
 Acq: 29 Mar 2021 15:37

Tgt Ion: 63 Resp: 111200
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 5.9 2.3 6.9





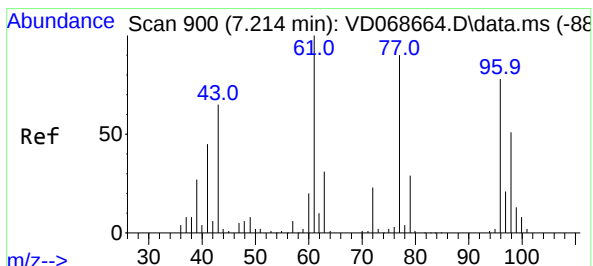
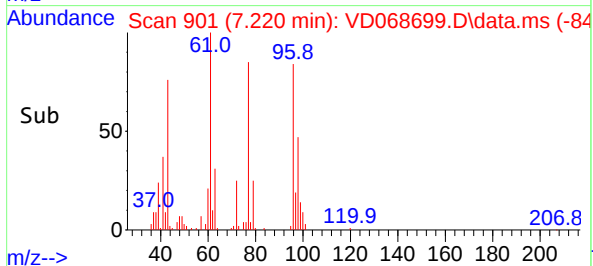
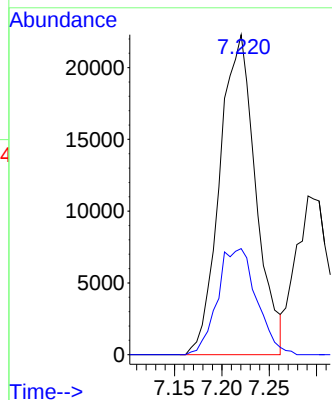
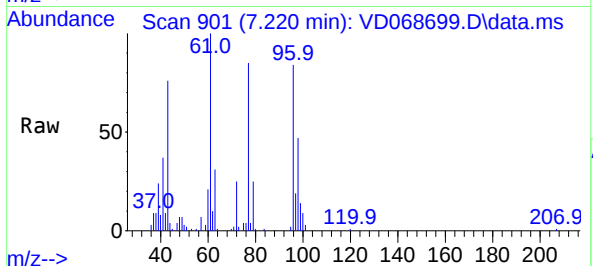
#25
2-Butanone
Concen: 96.57 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 43 Resp: 59002
Ion Ratio Lower Upper
43 100
72 33.1 28.6 43.0

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

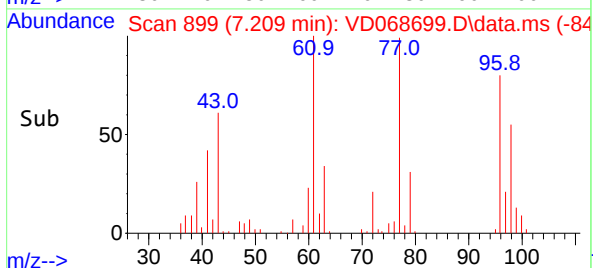
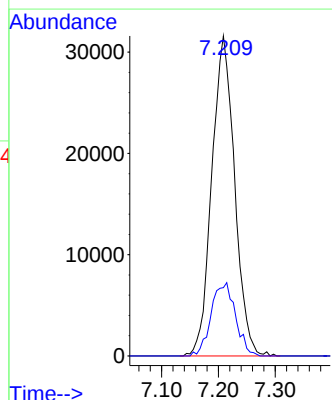
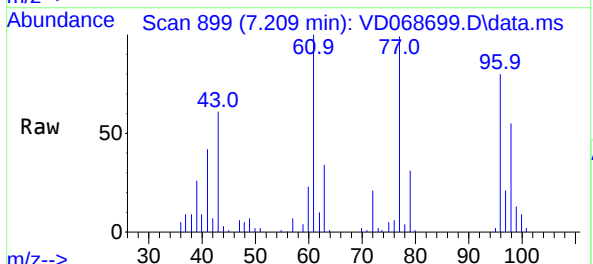
Manual Integrations
APPROVED

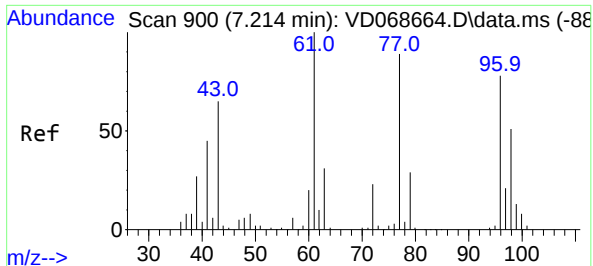
MMDadoda
3/30/2021 7:23:38 PM



#26
2,2-Dichloropropane
Concen: 18.38 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 77 Resp: 88214
Ion Ratio Lower Upper
77 100
97 24.3 12.0 36.1





#27

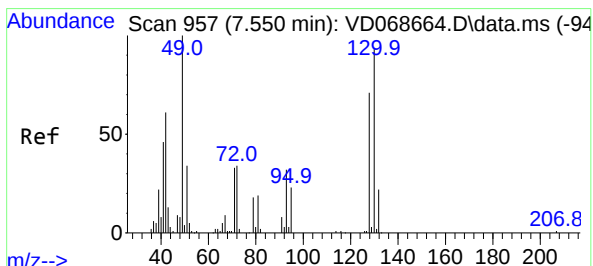
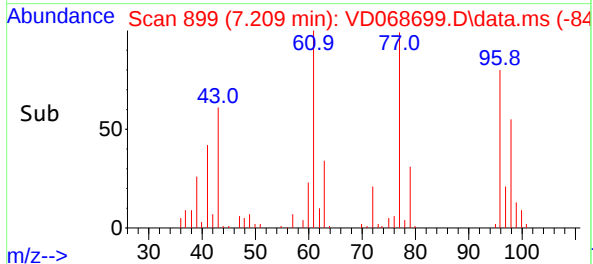
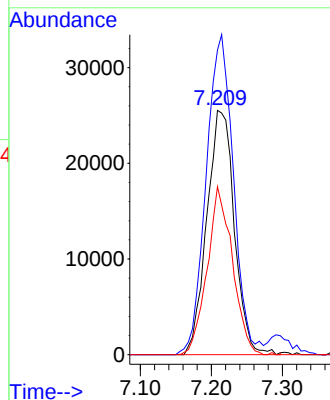
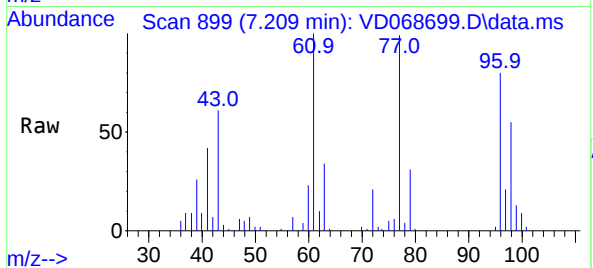
cis-1,2-Dichloroethene
Concen: 18.60 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 96 Resp: 68666
Ion Ratio Lower Upper
96 100
61 130.1 0.0 258.8
98 63.1 0.0 128.4

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

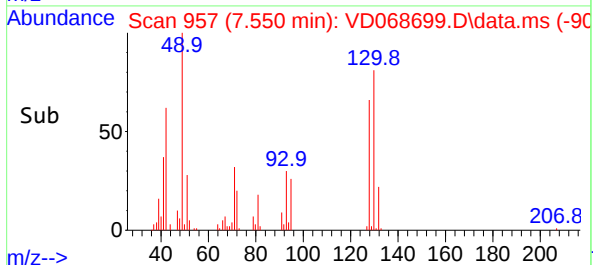
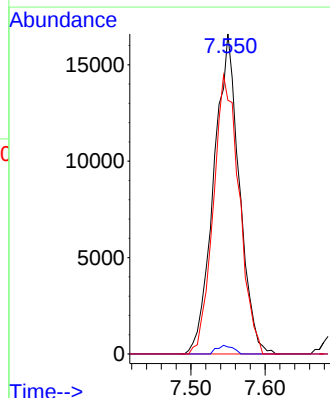
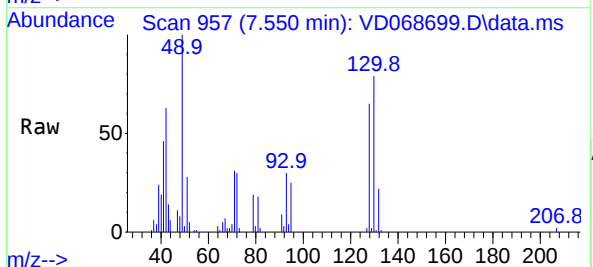
MMDadoda
3/30/2021 7:23:38 PM

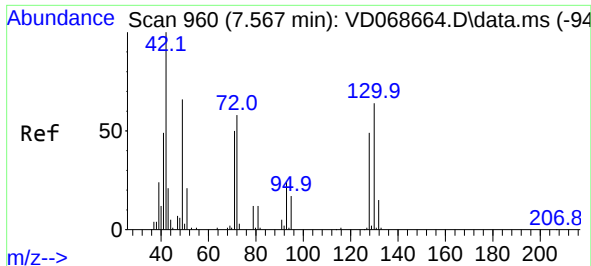


#28

Bromochloromethane
Concen: 18.60 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 49 Resp: 39689
Ion Ratio Lower Upper
49 100
129 1.7 0.0 5.2
130 88.3 74.6 112.0





#29

Tetrahydrofuran

Concen: 100.02 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.000 min

Lab File: VD068699.D

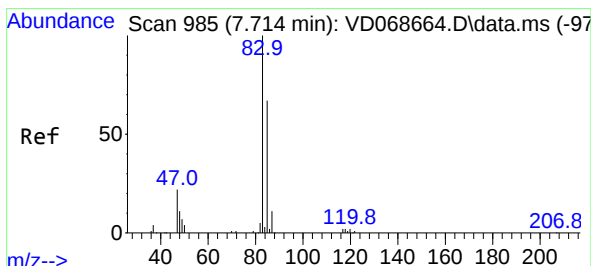
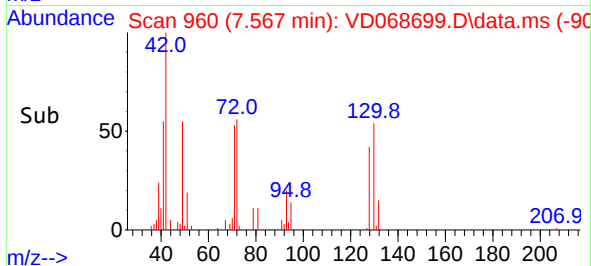
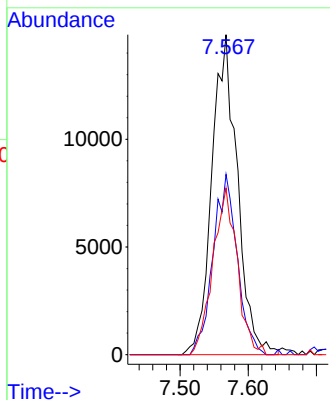
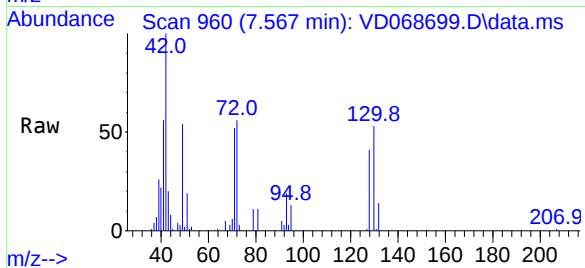
Acq: 29 Mar 2021 15:37

Tgt Ion:	42	Resp:	38630
Ion	Ratio	Lower	Upper
42	100		
72	53.4	45.2	67.8
71	49.7	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:23:38 PM



#30

Chloroform

Concen: 21.18 ug/l

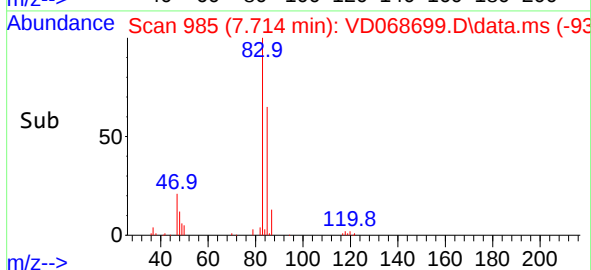
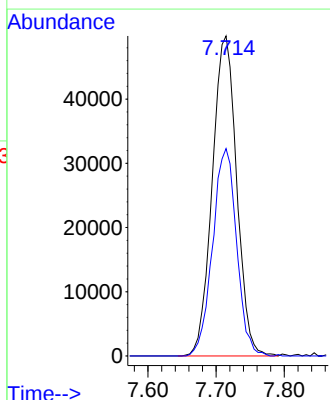
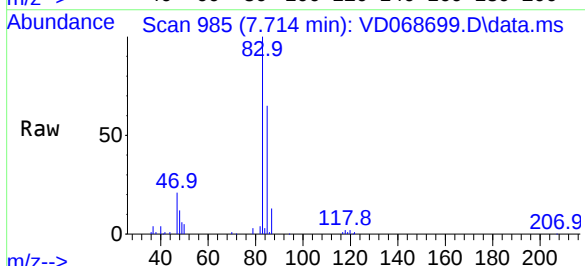
RT: 7.714 min Scan# 985

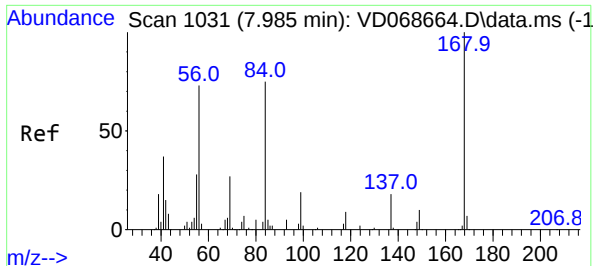
Delta R.T. 0.000 min

Lab File: VD068699.D

Acq: 29 Mar 2021 15:37

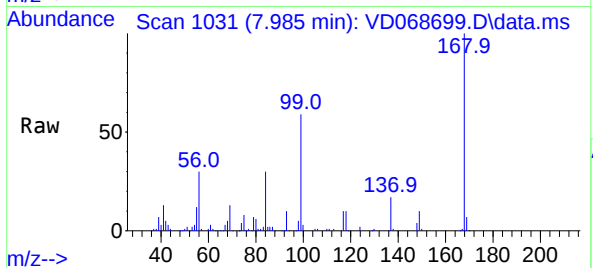
Tgt Ion:	83	Resp:	124213
Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.3	79.9





#31
Cyclohexane
Concen: 19.23 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

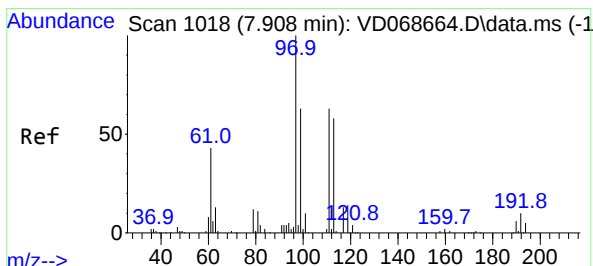
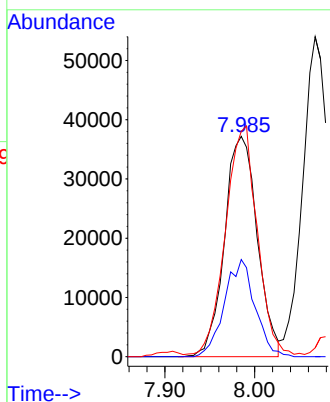
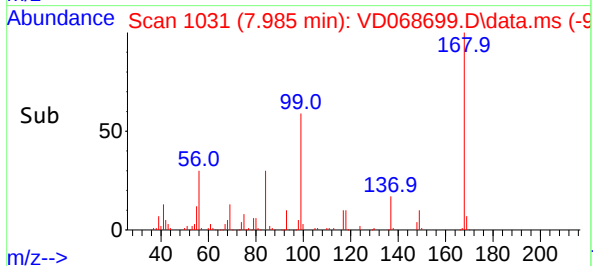
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01



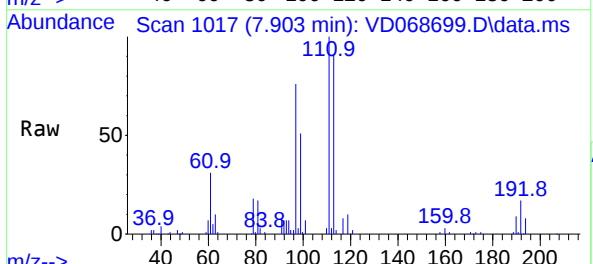
Tgt Ion: 56 Resp: 94317
Ion Ratio Lower Upper
56 100
69 43.4 30.0 45.0
84 100.5 82.0 123.0

Manual Integrations
APPROVED

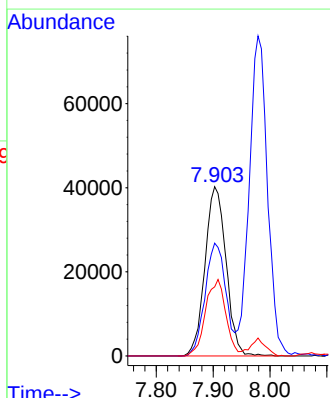
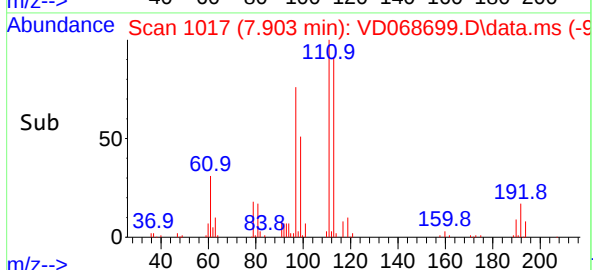
MMDadoda
3/30/2021 7:23:38 PM

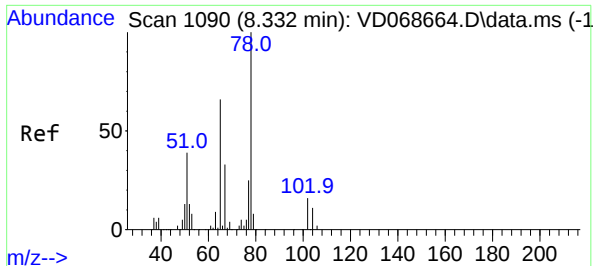


#32
1,1,1-Trichloroethane
Concen: 19.82 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



Tgt Ion: 97 Resp: 103732
Ion Ratio Lower Upper
97 100
99 65.7 50.8 76.2
61 43.7 33.7 50.5





#33

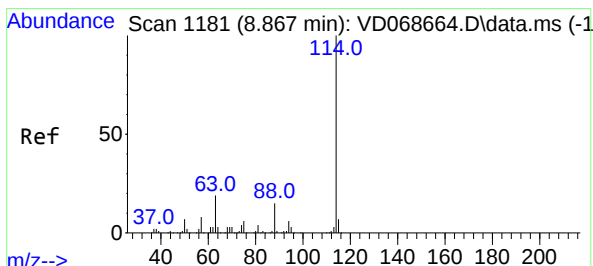
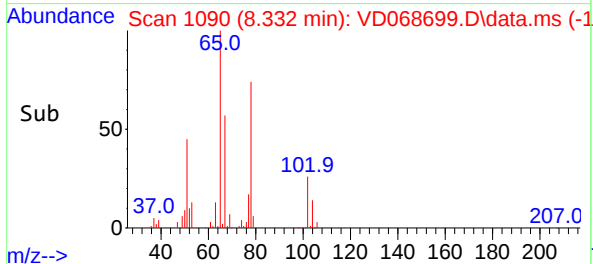
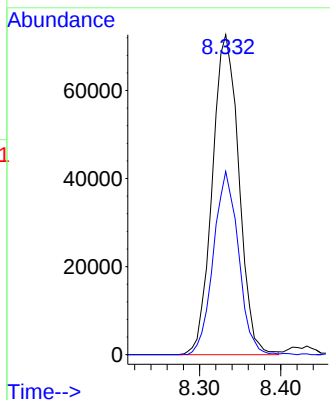
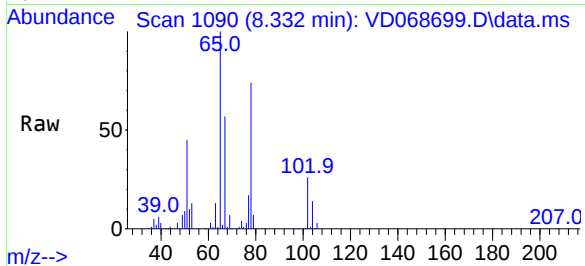
1,2-Dichloroethane-d4
Concen: 54.43 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 65 Resp: 165423
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.0

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

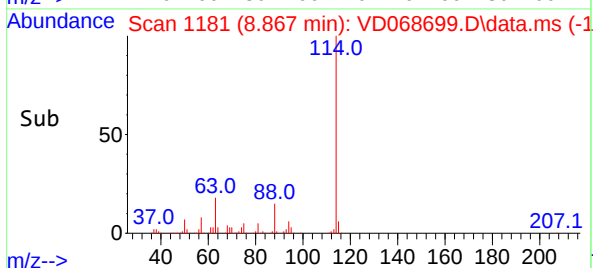
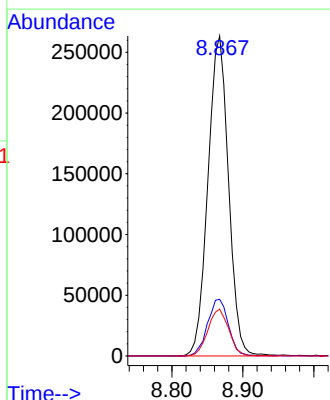
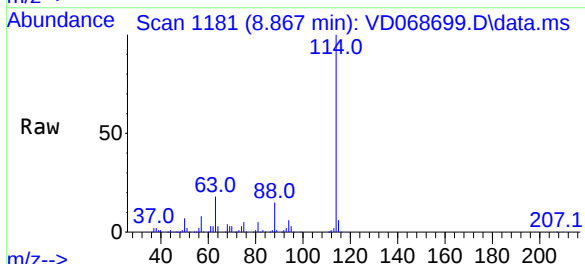
MMDadoda
3/30/2021 7:23:38 PM

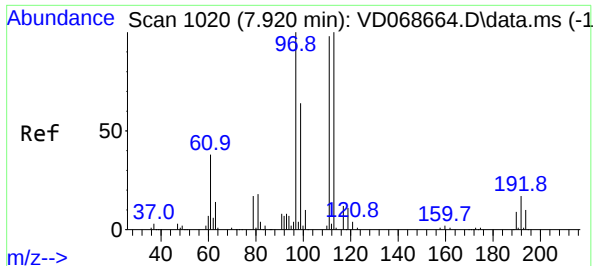


#34

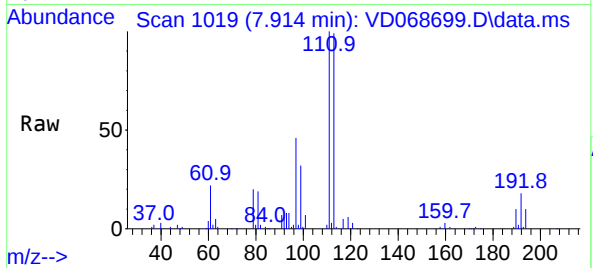
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 114 Resp: 529141
Ion Ratio Lower Upper
114 100
63 17.7 0.0 38.2
88 14.6 0.0 29.4

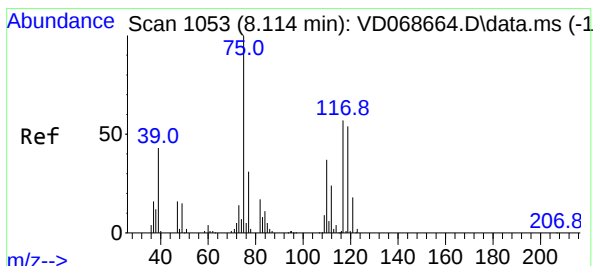
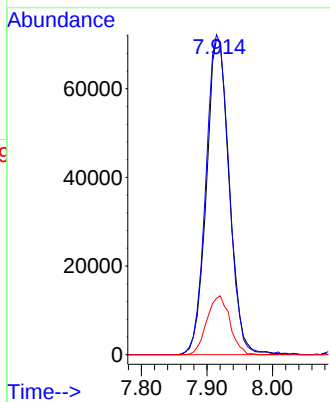
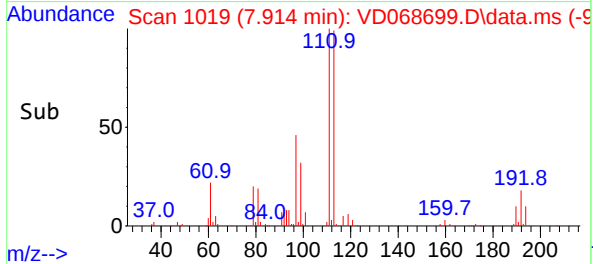




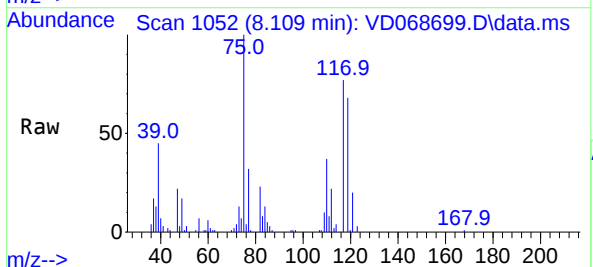
#35
Dibromofluoromethane
Concen: 52.37 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



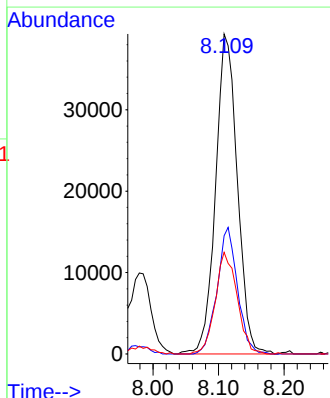
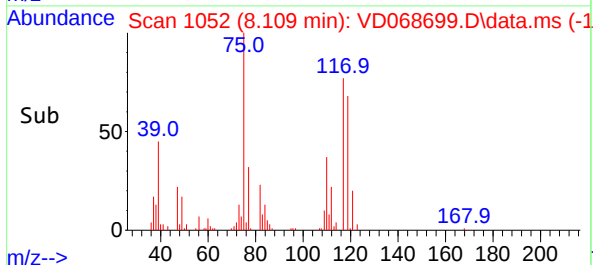
Tgt Ion:113 Resp: 172418
Ion Ratio Lower Upper
113 100
111 103.1 82.5 123.7
192 18.8 15.1 22.7



#36
1,1-Dichloropropene
Concen: 19.10 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



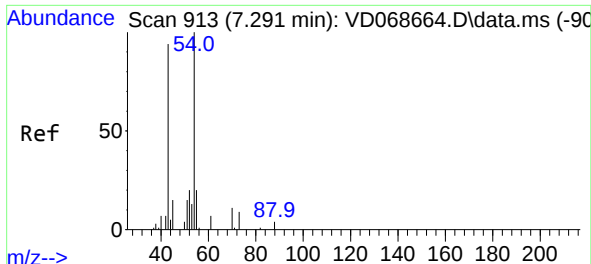
Tgt Ion: 75 Resp: 90286
Ion Ratio Lower Upper
75 100
110 37.1 18.1 54.4
77 32.0 24.7 37.1



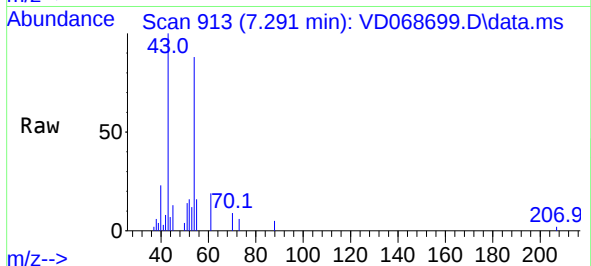
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

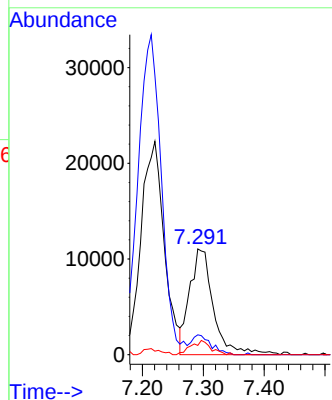
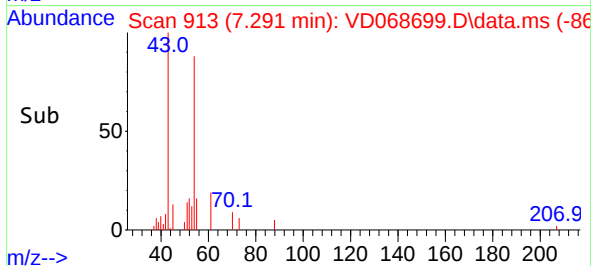
MMDadoda
3/30/2021 7:23:38 PM



#37
Ethyl Acetate
Concen: 20.10 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



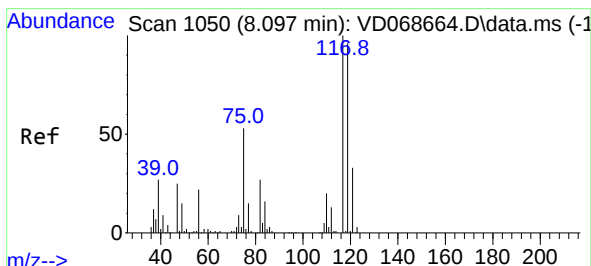
Tgt Ion: 43 Resp: 29975
Ion Ratio Lower Upper
43 100
61 15.3 14.2 21.4
70 11.3 9.4 14.0



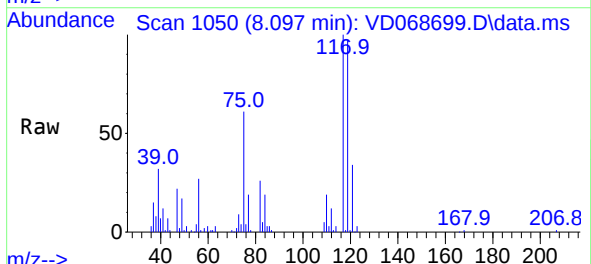
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

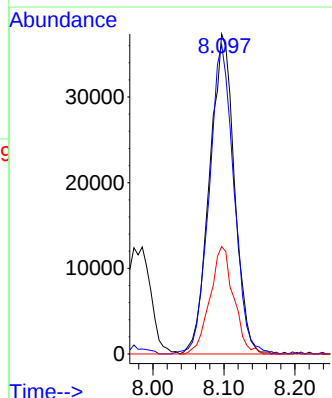
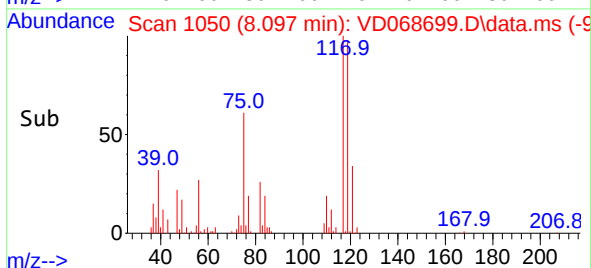
MMDadoda
3/30/2021 7:23:38 PM

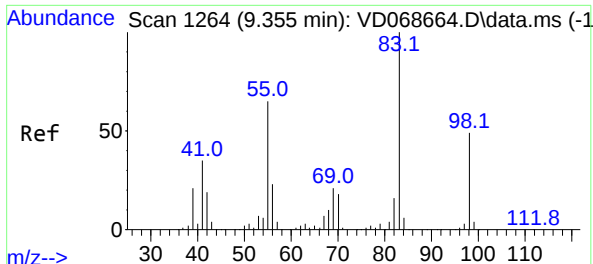


#38
Carbon Tetrachloride
Concen: 19.28 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



Tgt Ion: 117 Resp: 90913
Ion Ratio Lower Upper
117 100
119 96.7 76.6 115.0
121 33.5 26.1 39.1





#39

Methylcyclohexane

Concen: 18.42 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068699.D

Acq: 29 Mar 2021 15:37

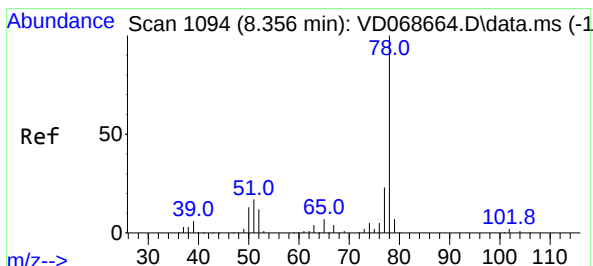
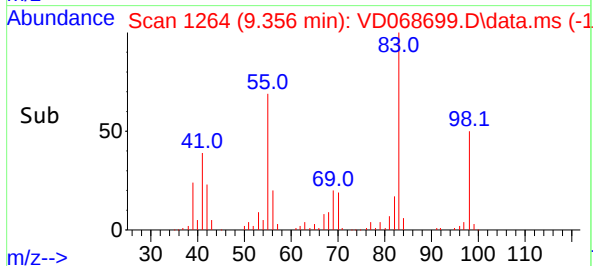
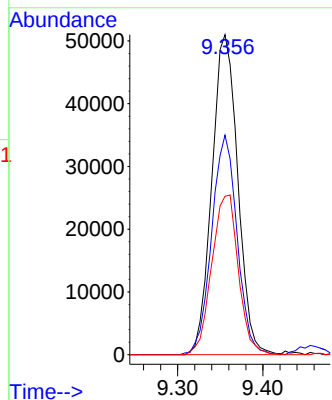
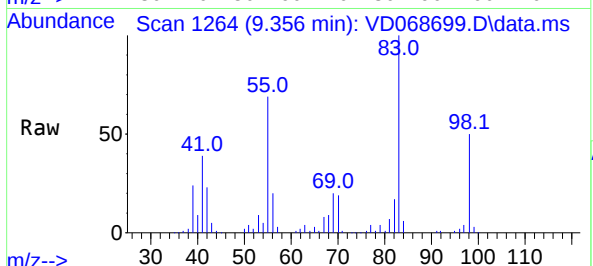
Tgt Ion: 83 Resp: 107448

Ion Ratio Lower Upper

83 100

55 68.6 51.7 77.5

98 49.5 38.8 58.2



#40

Benzene

Concen: 19.90 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VD068699.D

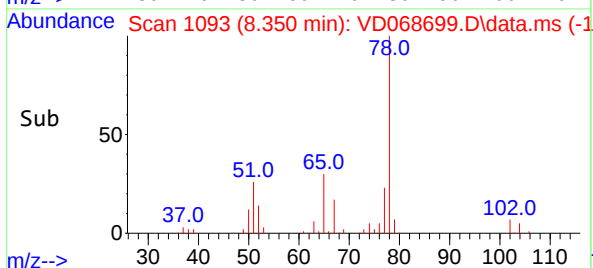
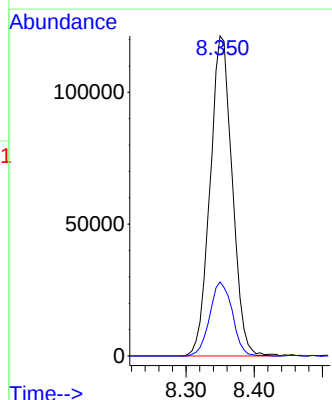
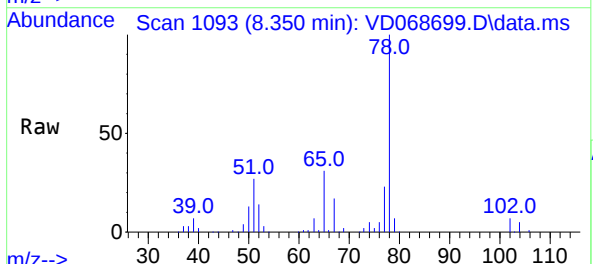
Acq: 29 Mar 2021 15:37

Tgt Ion: 78 Resp: 274437

Ion Ratio Lower Upper

78 100

77 23.2 18.2 27.2



Instrument :

MSVOA_D

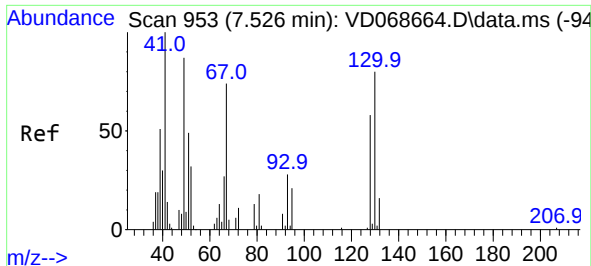
ClientSampleId :

VD0329SBS01

Manual Integrations

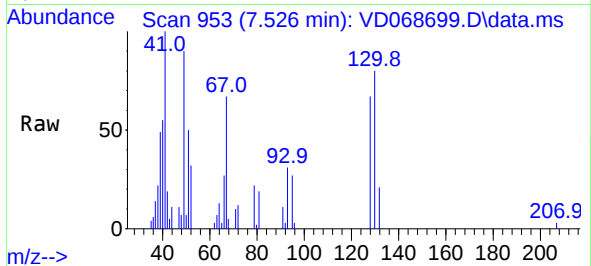
APPROVED

MMDadoda
3/30/2021 7:23:38 PM



#41
Methacrylonitrile
Concen: 16.01 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

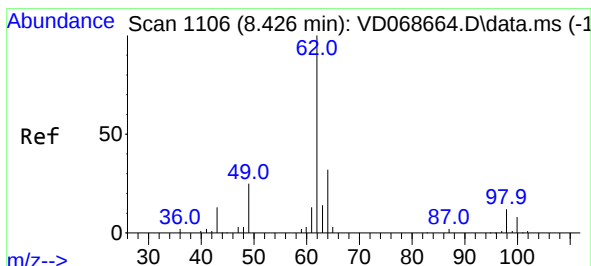
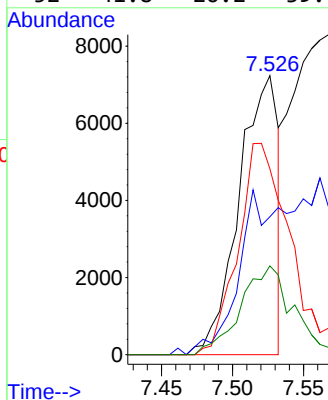
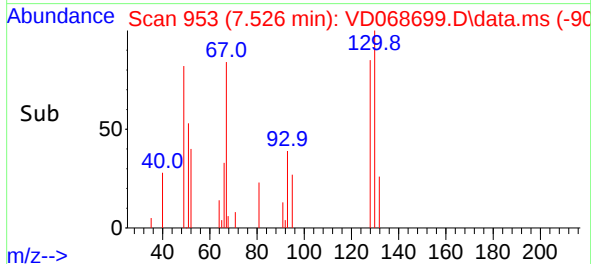
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01



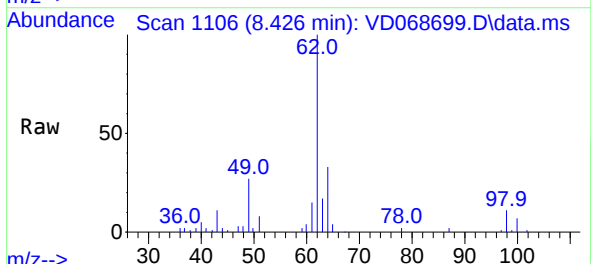
Tgt Ion: 41 Resp: 13974
Ion Ratio Lower Upper
41 100
39 47.0 43.2 64.8
67 99.3 63.9 95.9#
52 41.8 26.2 39.4#

Manual Integrations
APPROVED

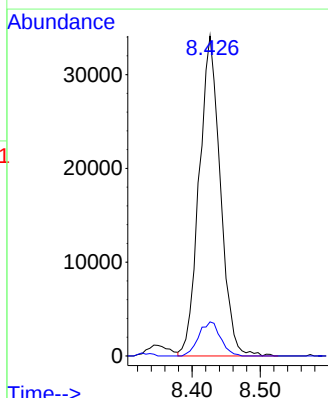
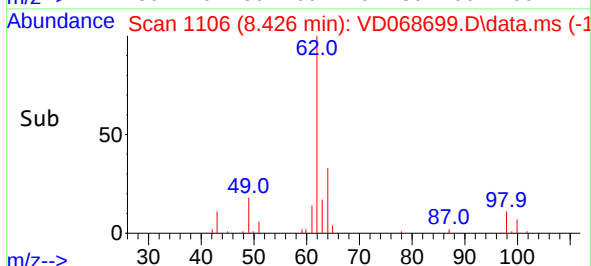
MMDadoda
3/30/2021 7:23:38 PM

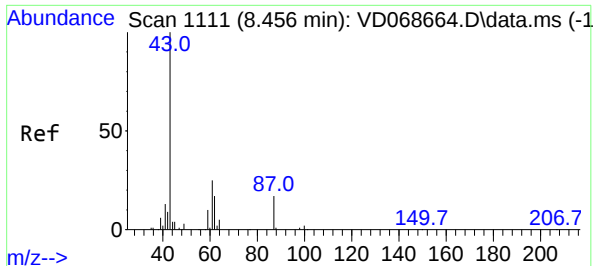


#42
1,2-Dichloroethane
Concen: 20.41 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

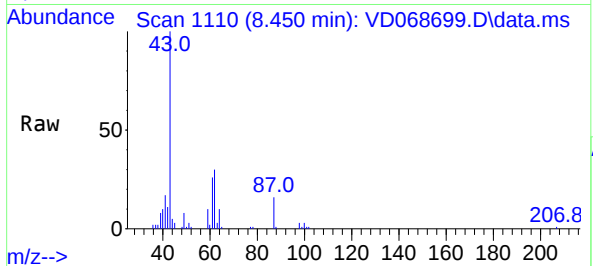


Tgt Ion: 62 Resp: 73636
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.6

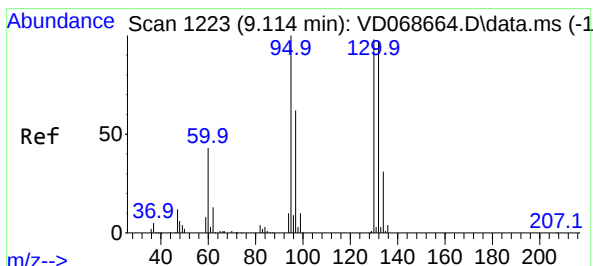
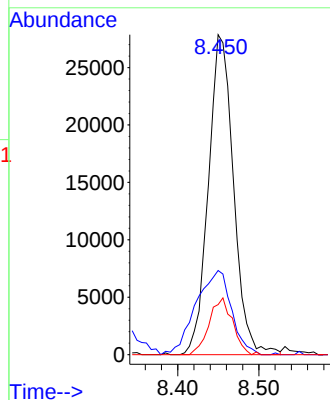
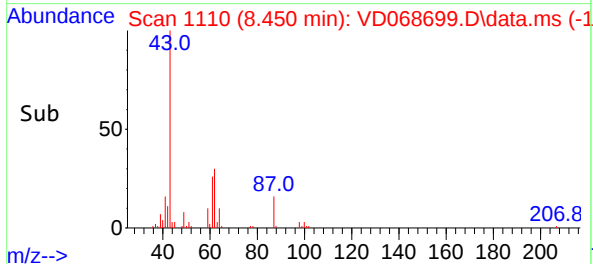




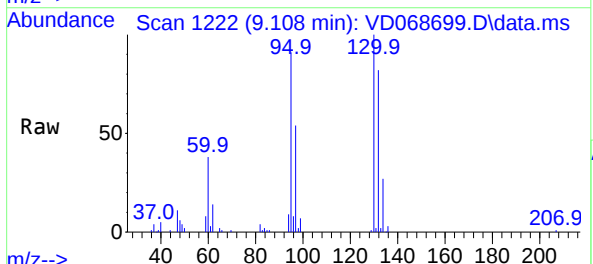
#43
Isopropyl Acetate
Concen: 21.00 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



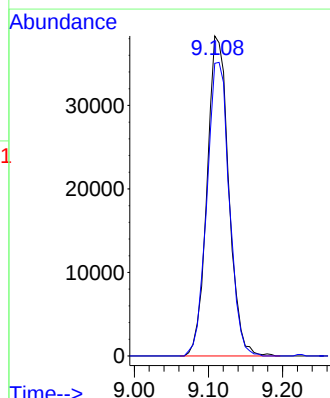
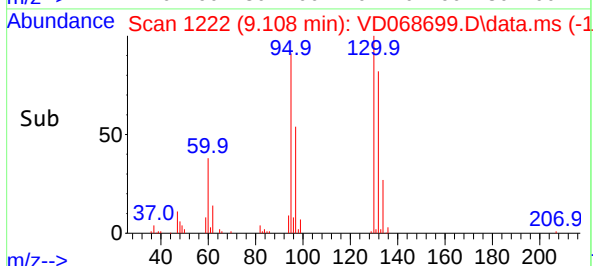
Tgt Ion: 43 Resp: 60065
Ion Ratio Lower Upper
43 100
61 37.1 29.5 44.3
87 16.6 13.5 20.3



#44
Trichloroethene
Concen: 20.31 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



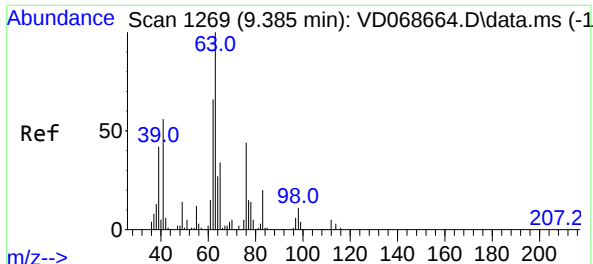
Tgt Ion: 130 Resp: 77732
Ion Ratio Lower Upper
130 100
95 91.5 0.0 203.8



Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:23:38 PM



#45

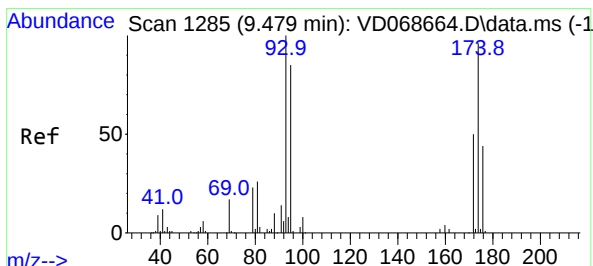
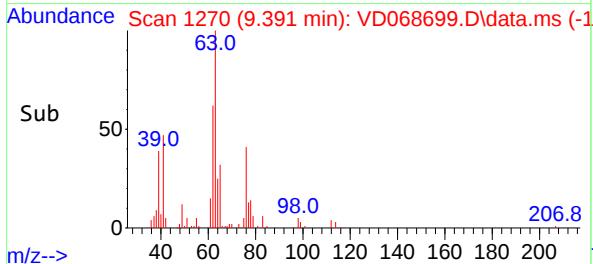
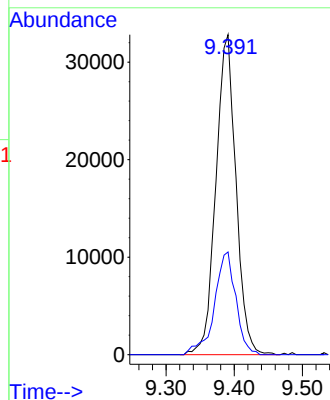
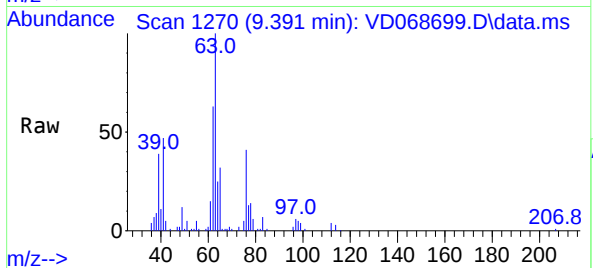
1,2-Dichloropropane
Concen: 20.43 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 63 Resp: 67410
Ion Ratio Lower Upper
63 100
65 32.1 27.0 40.4

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

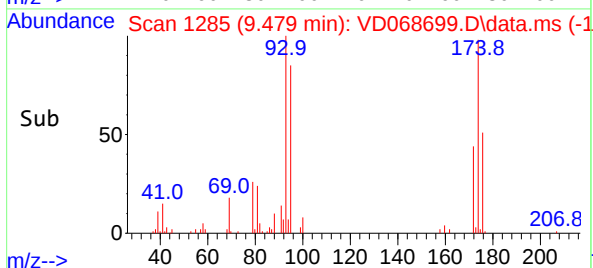
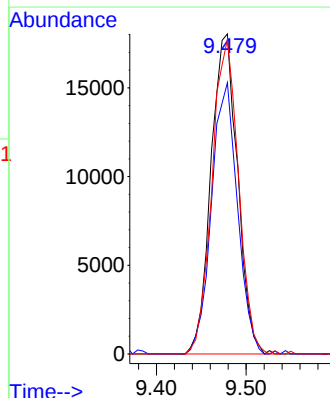
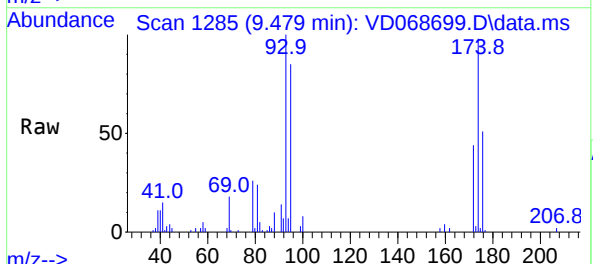
MMDadoda
3/30/2021 7:23:38 PM

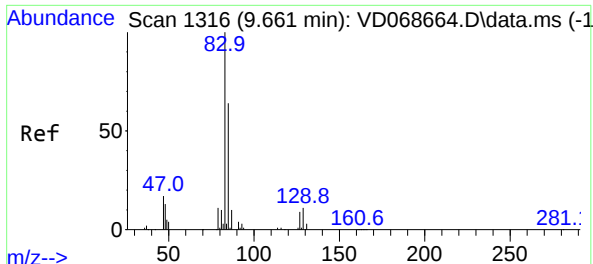


#46

Dibromomethane
Concen: 19.77 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

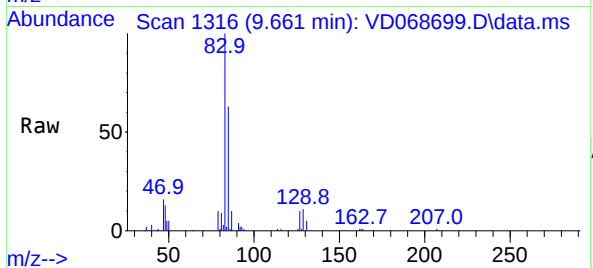
Tgt Ion: 93 Resp: 37080
Ion Ratio Lower Upper
93 100
95 82.7 64.5 96.7
174 97.8 75.3 112.9





#47
Bromodichloromethane
Concen: 19.61 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

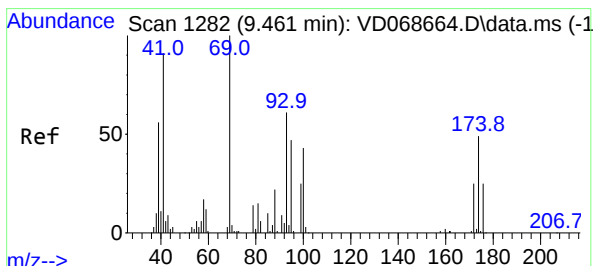
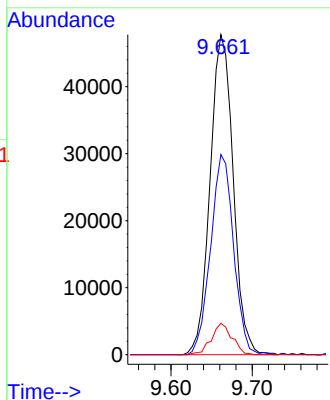
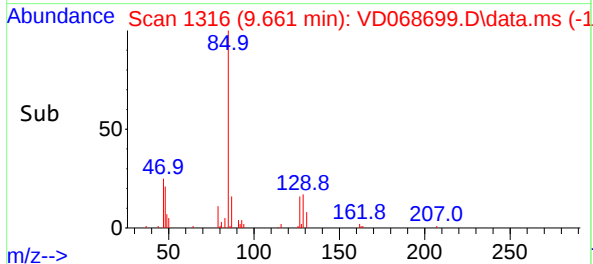
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01



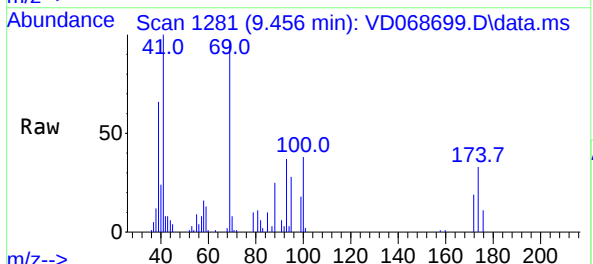
Tgt Ion: 83 Resp: 94386
Ion Ratio Lower Upper
83 100
85 62.5 51.0 76.6
127 9.8 7.1 10.7

Manual Integrations
APPROVED

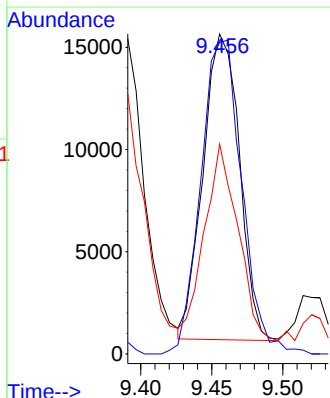
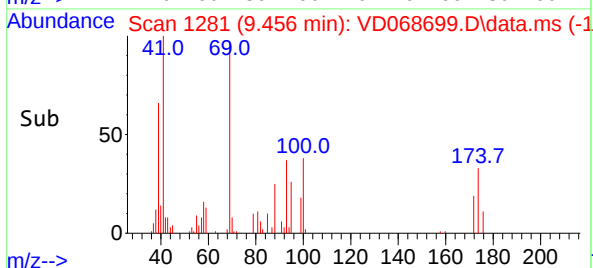
MMDadoda
3/30/2021 7:23:38 PM

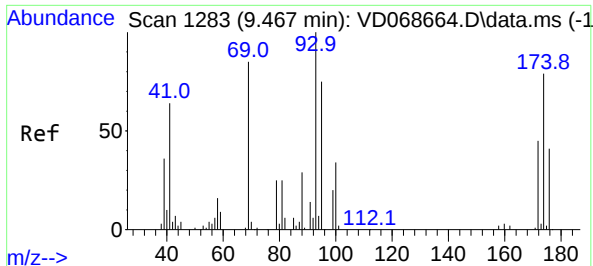


#48
Methyl methacrylate
Concen: 18.34 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



Tgt Ion: 41 Resp: 26595
Ion Ratio Lower Upper
41 100
69 116.2 83.0 124.6
39 69.7 47.0 70.6





#49

1,4-Dioxane

Concen: 407.54 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. -0.012 min

Lab File: VD068699.D

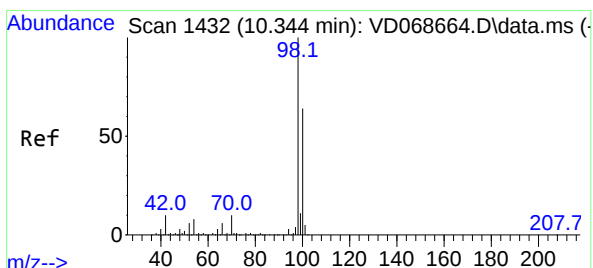
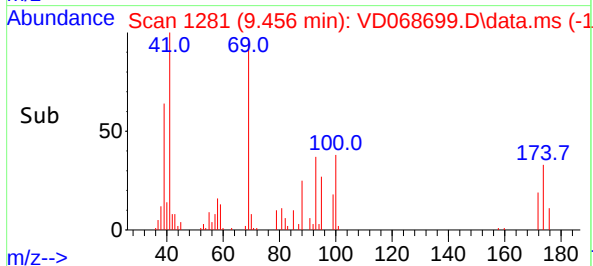
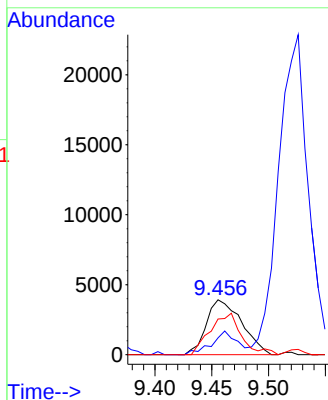
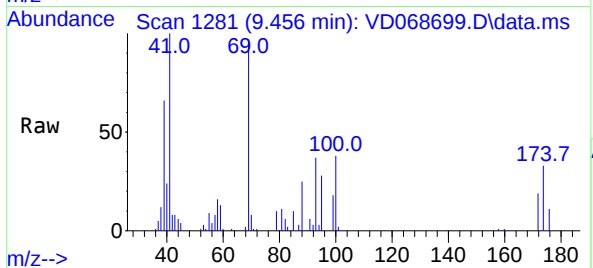
Acq: 29 Mar 2021 15:37

Tgt Ion:	88	Resp:	8495
Ion	Ratio	Lower	Upper
88	100		
43	30.2	25.8	38.8
58	66.4	54.0	81.0

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:23:38 PM



#50

Toluene-d8

Concen: 49.54 ug/l

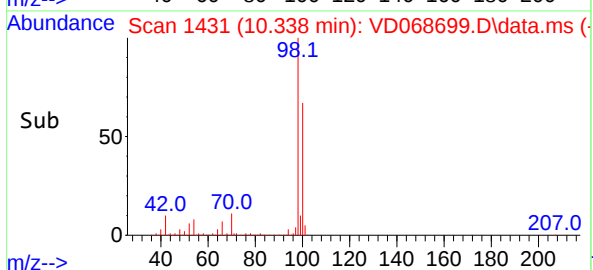
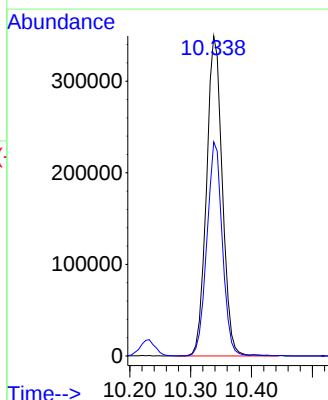
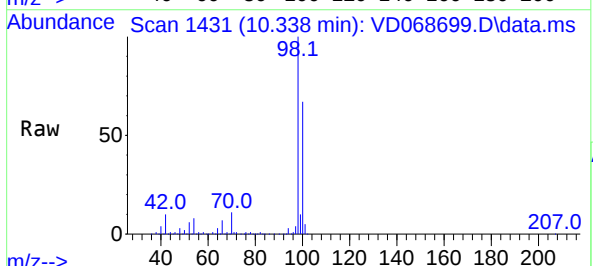
RT: 10.338 min Scan# 1431

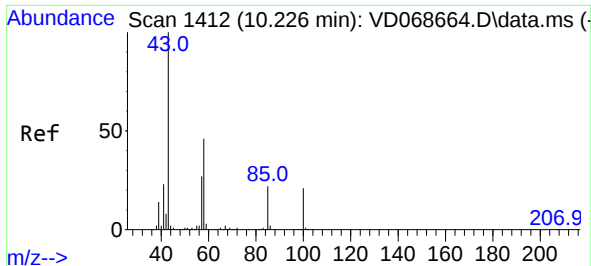
Delta R.T. -0.006 min

Lab File: VD068699.D

Acq: 29 Mar 2021 15:37

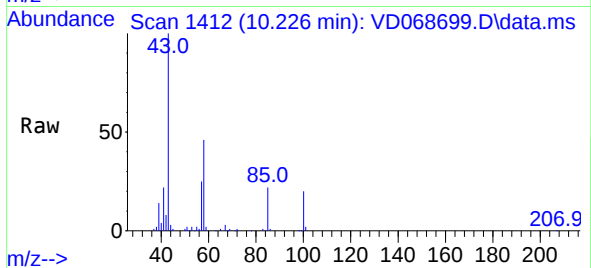
Tgt Ion:	98	Resp:	628771
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 103.79 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

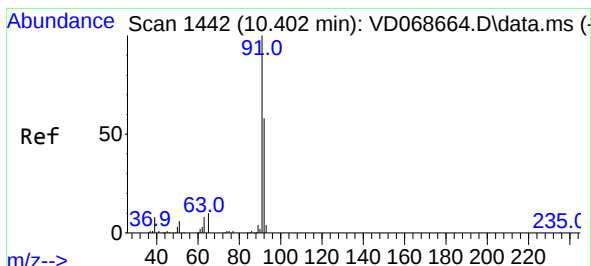
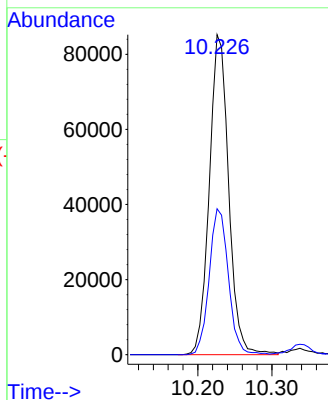
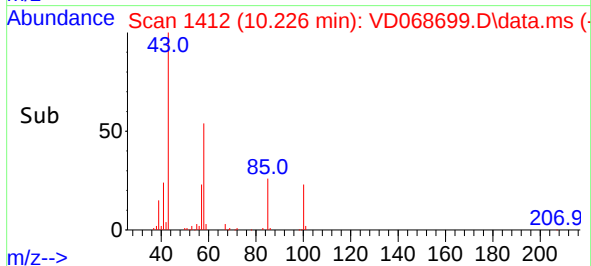
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01



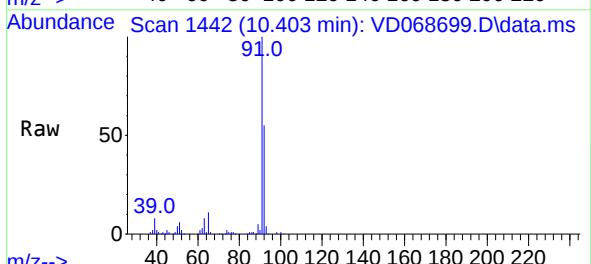
Tgt Ion: 43 Resp: 154582
Ion Ratio Lower Upper
43 100
58 45.2 37.3 55.9

Manual Integrations
APPROVED

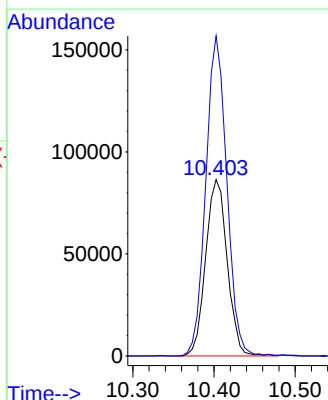
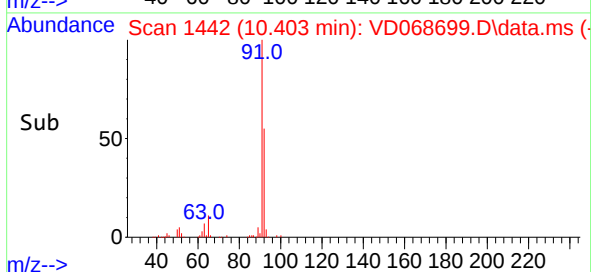
MMDadoda
3/30/2021 7:23:38 PM

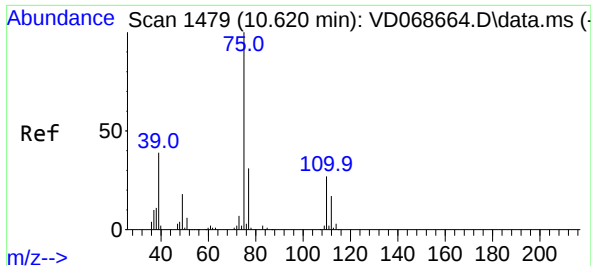


#52
Toluene
Concen: 18.28 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



Tgt Ion: 92 Resp: 159511
Ion Ratio Lower Upper
92 100
91 176.7 139.1 208.7





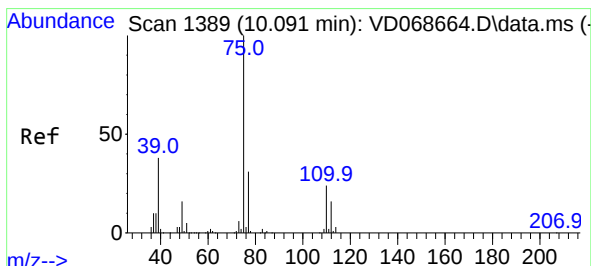
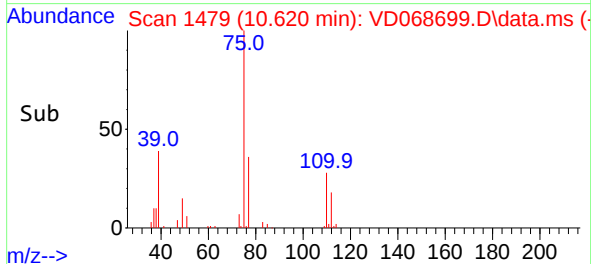
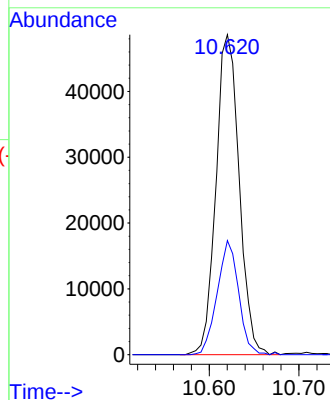
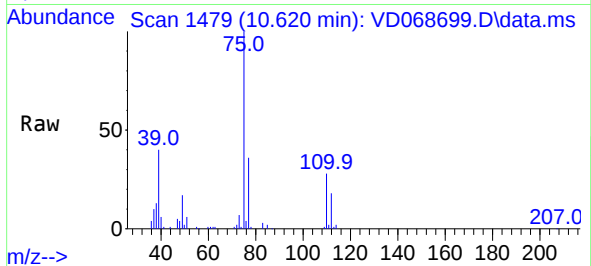
#53
t-1,3-Dichloropropene
Concen: 19.72 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 75 Resp: 87269
Ion Ratio Lower Upper
75 100
77 35.7 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

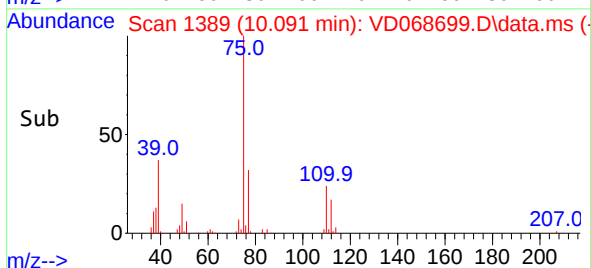
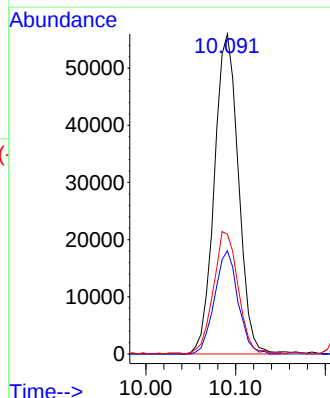
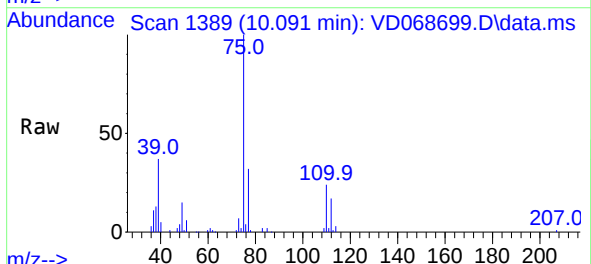
Manual Integrations
APPROVED

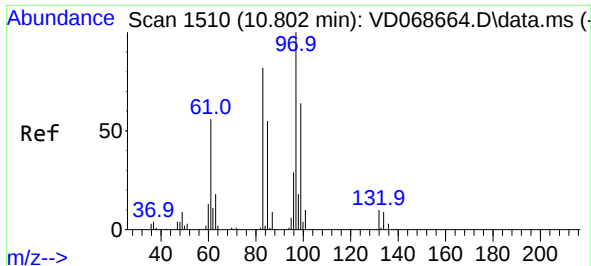
MMDadoda
3/30/2021 7:23:38 PM



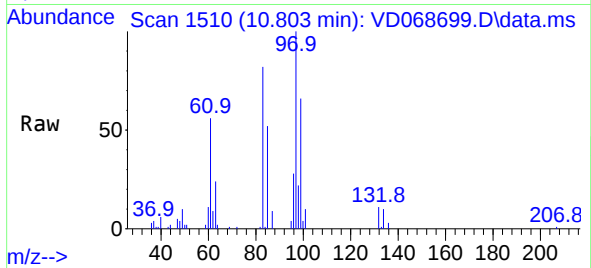
#54
cis-1,3-Dichloropropene
Concen: 19.85 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 75 Resp: 104351
Ion Ratio Lower Upper
75 100
77 32.2 24.7 37.1
39 37.0 30.2 45.2

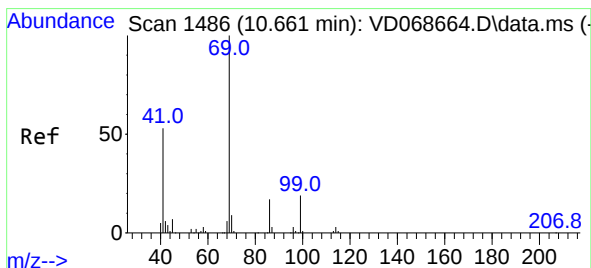
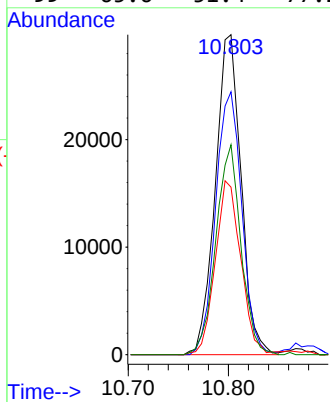
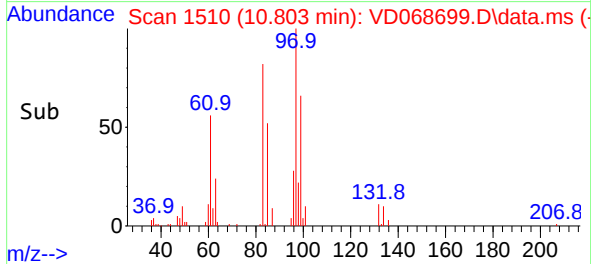




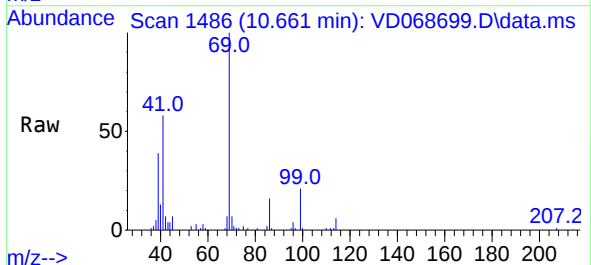
#55
1,1,2-Trichloroethane
Concen: 20.07 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



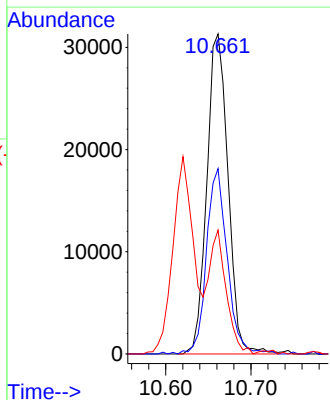
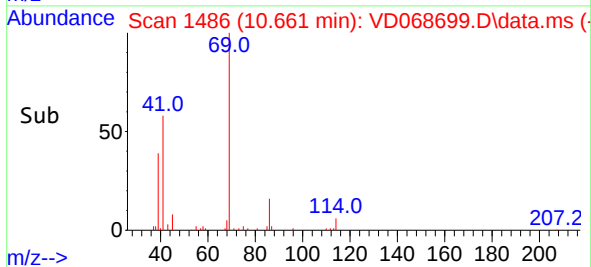
Tgt Ion:	97	Resp:	52970
Ion	Ratio	Lower	Upper
97	100		
83	82.2	65.7	98.5
85	52.4	44.3	66.5
99	65.6	51.4	77.2



#56
Ethyl methacrylate
Concen: 18.99 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



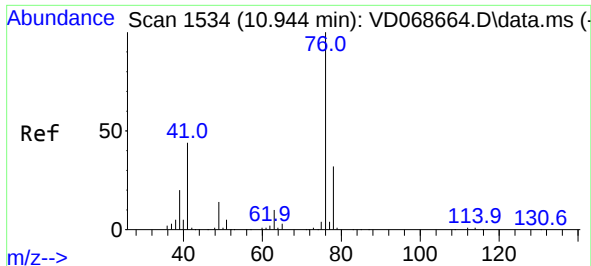
Tgt Ion:	69	Resp:	54151
Ion	Ratio	Lower	Upper
69	100		
41	56.8	42.2	63.4
39	30.5	24.2	36.2



Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:23:38 PM



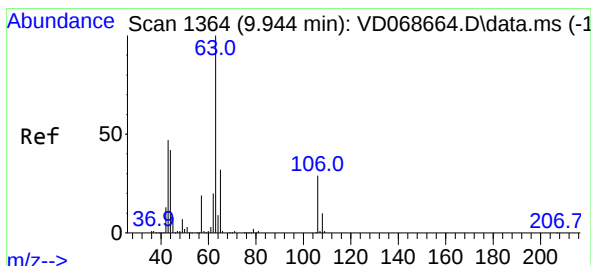
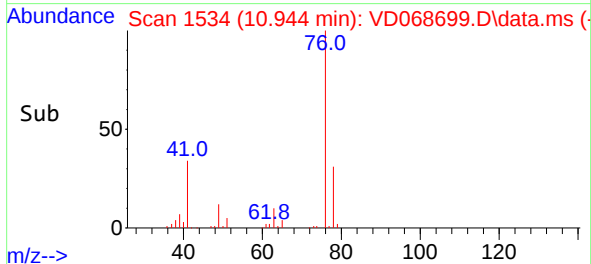
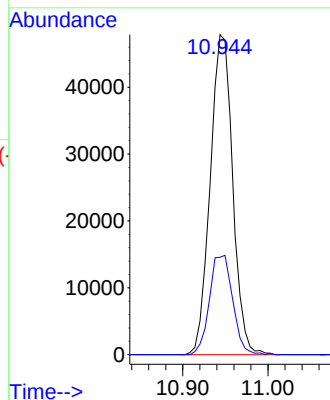
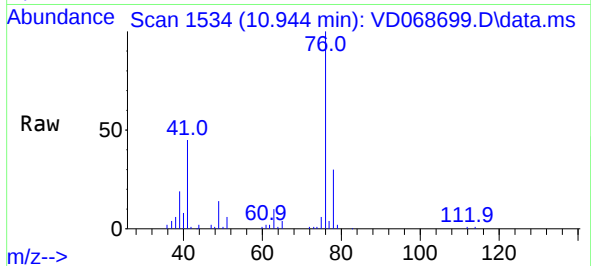
#57
1,3-Dichloropropane
Concen: 20.39 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 76 Resp: 87791
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

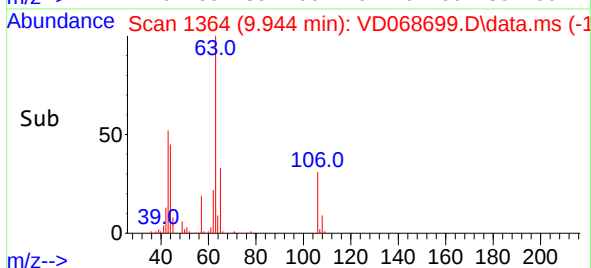
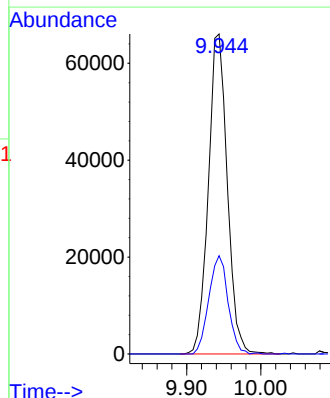
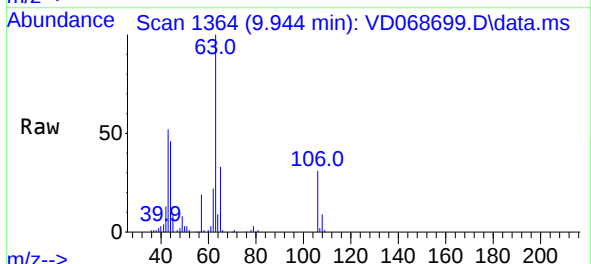
Manual Integrations
APPROVED

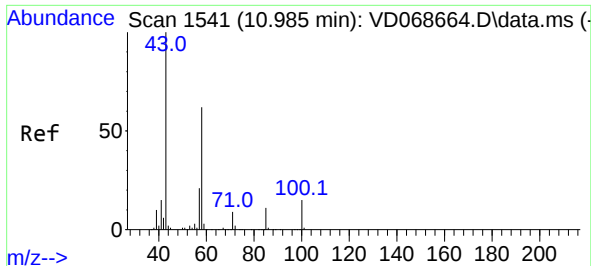
MMDadoda
3/30/2021 7:23:38 PM



#58
2-Chloroethyl Vinyl ether
Concen: 80.72 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 63 Resp: 117265
Ion Ratio Lower Upper
63 100
106 31.2 24.6 36.8





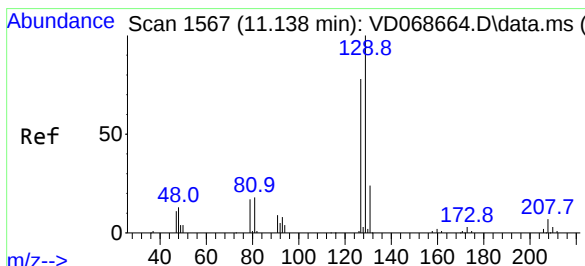
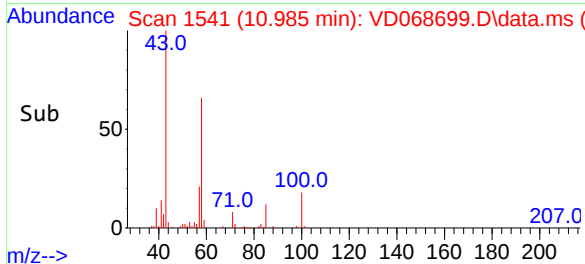
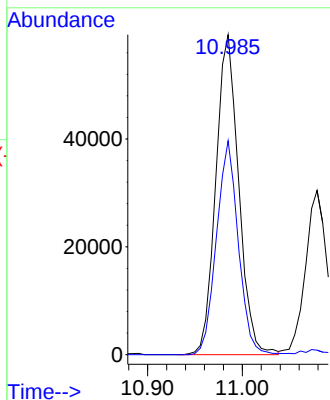
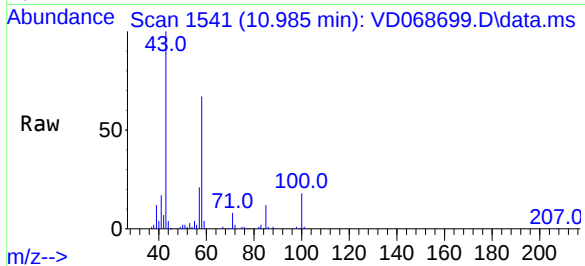
#59
2-Hexanone
Concen: 99.65 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 43 Resp: 99655
Ion Ratio Lower Upper
43 100
58 63.8 31.3 93.8

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

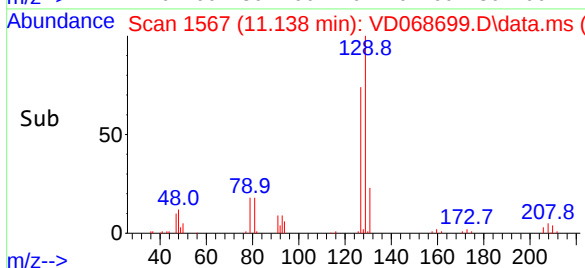
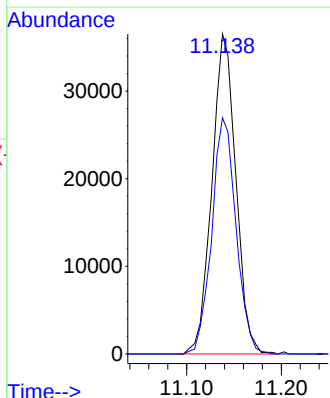
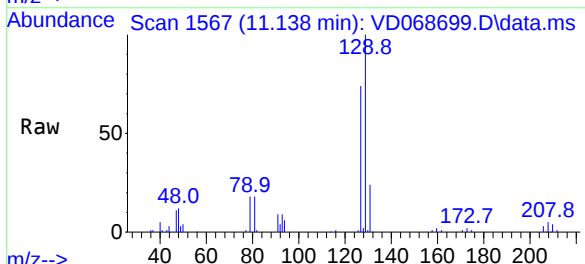
Manual Integrations
APPROVED

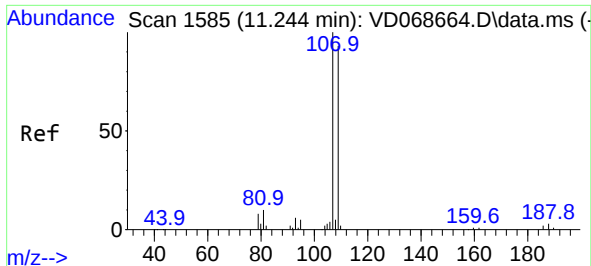
MMDadoda
3/30/2021 7:23:38 PM



#60
Dibromochloromethane
Concen: 19.59 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

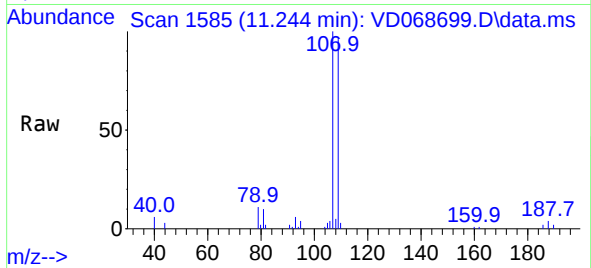
Tgt Ion: 129 Resp: 64122
Ion Ratio Lower Upper
129 100
127 74.7 38.8 116.3





#61
1,2-Dibromoethane
Concen: 20.16 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

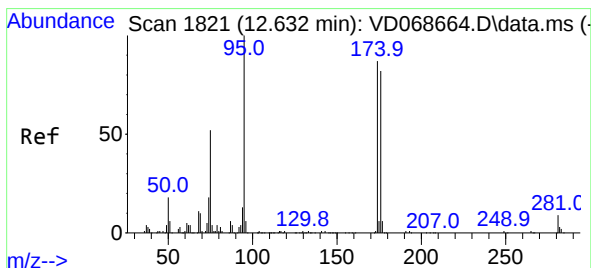
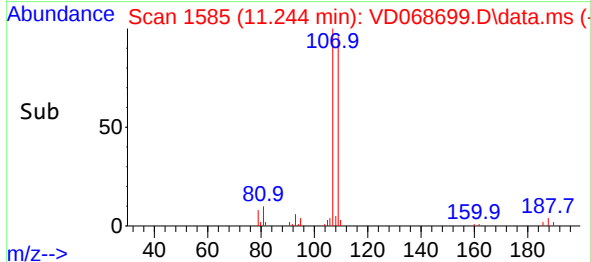
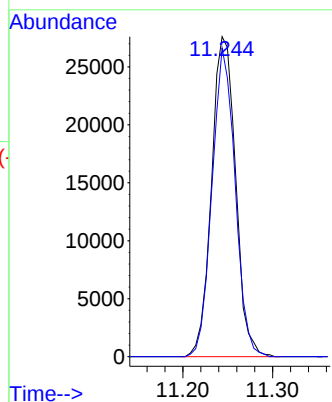
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01



Tgt Ion:107 Resp: 51352
Ion Ratio Lower Upper
107 100
109 92.3 74.9 112.3

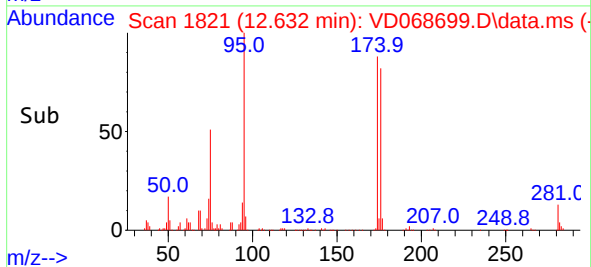
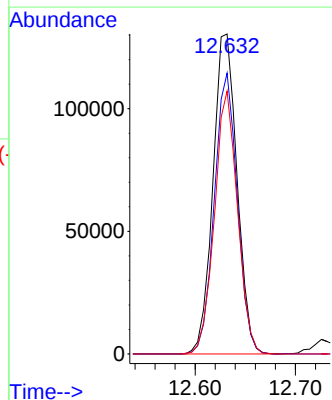
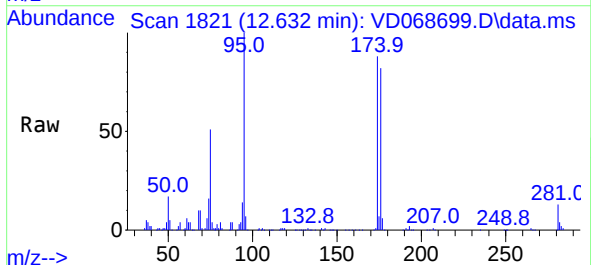
Manual Integrations
APPROVED

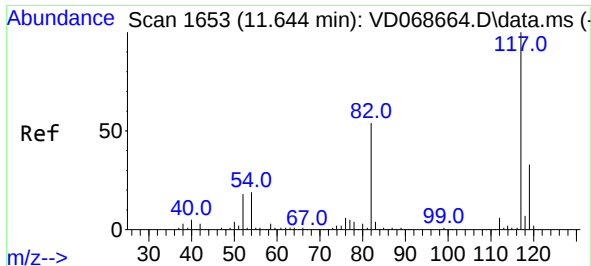
MMDadoda
3/30/2021 7:23:38 PM



#62
4-Bromofluorobenzene
Concen: 52.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

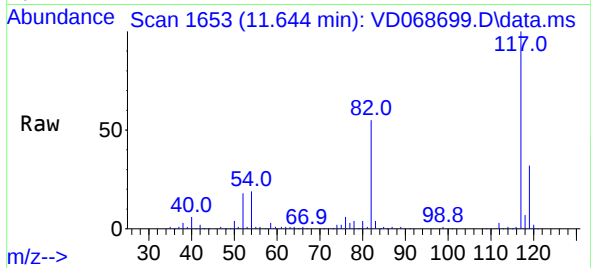
Tgt Ion: 95 Resp: 217304
Ion Ratio Lower Upper
95 100
174 83.8 0.0 168.0
176 78.6 0.0 160.2





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

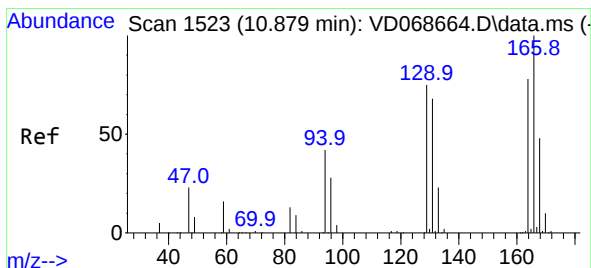
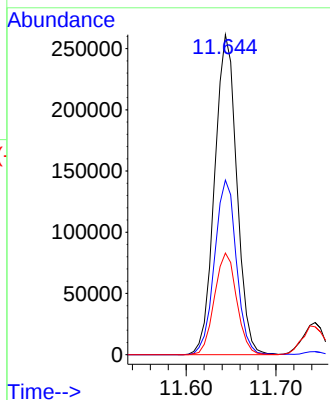
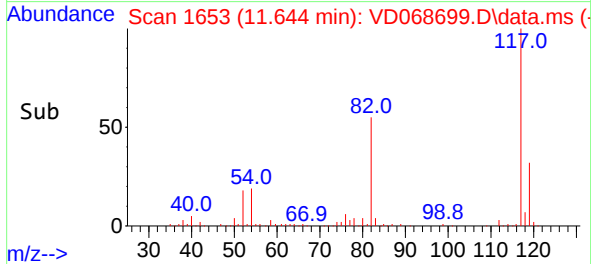
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01



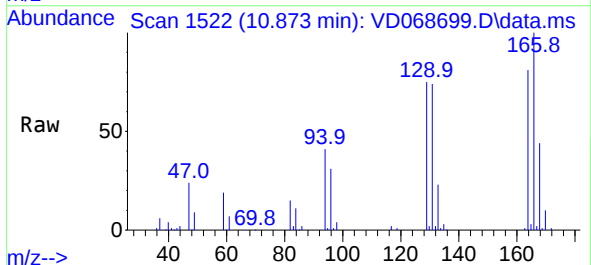
Tgt Ion:117 Resp: 447783
Ion Ratio Lower Upper
117 100
82 54.6 43.5 65.3
119 31.8 26.7 40.1

Manual Integrations
APPROVED

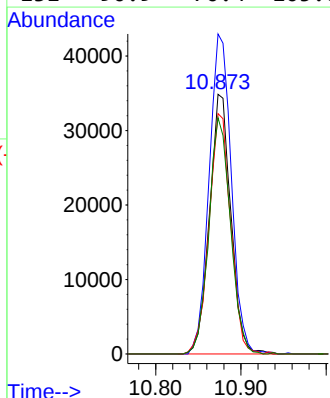
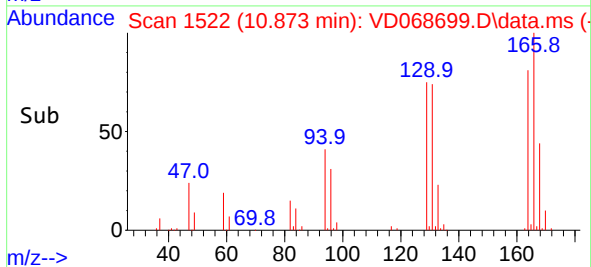
MMDadoda
3/30/2021 7:23:38 PM

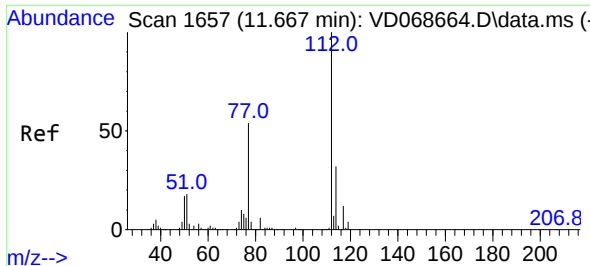


#64
Tetrachloroethene
Concen: 20.96 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



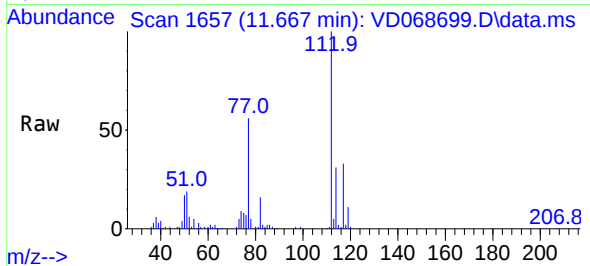
Tgt Ion:164 Resp: 60854
Ion Ratio Lower Upper
164 100
166 123.2 103.0 154.6
129 92.5 77.4 116.0
131 90.9 70.4 105.6





#65
Chlorobenzene
Concen: 20.22 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

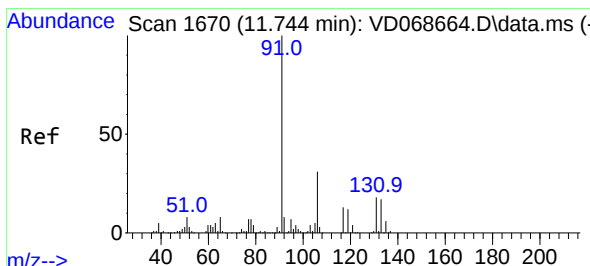
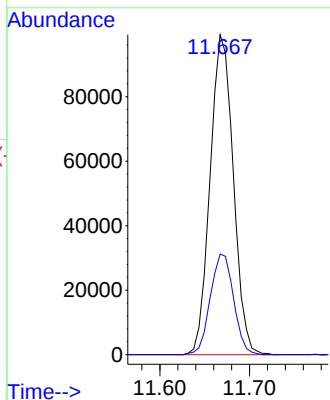
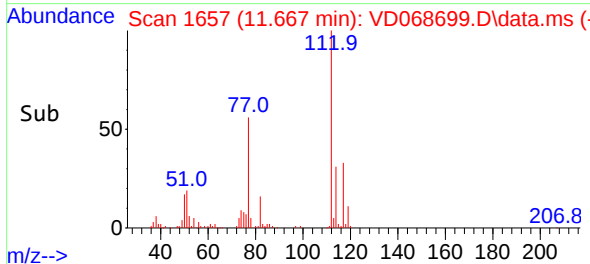
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01



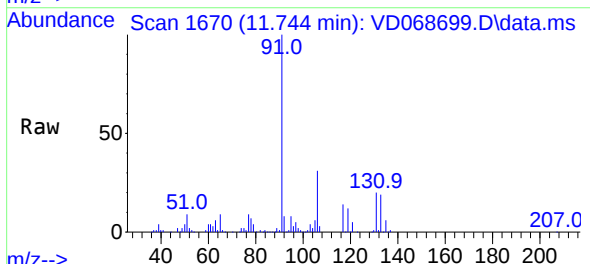
Tgt Ion:112 Resp: 178203
Ion Ratio Lower Upper
112 100
114 31.4 25.2 37.8

Manual Integrations
APPROVED

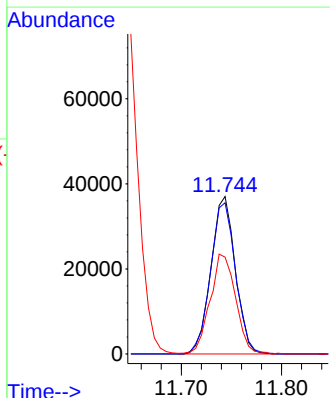
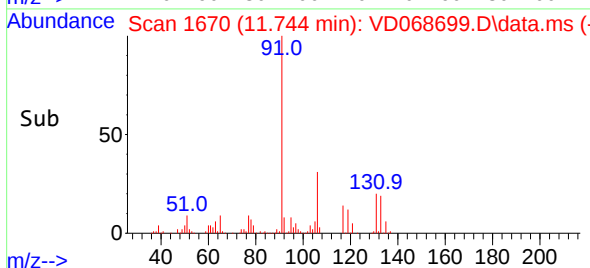
MMDadoda
3/30/2021 7:23:38 PM

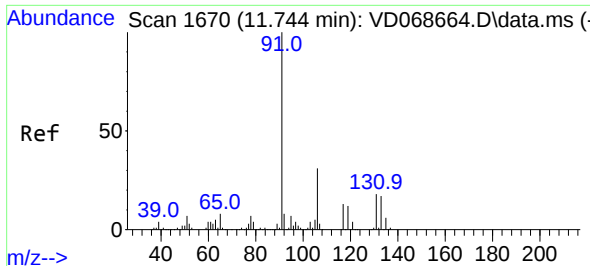


#66
1,1,1,2-Tetrachloroethane
Concen: 19.71 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



Tgt Ion:131 Resp: 62498
Ion Ratio Lower Upper
131 100
133 98.5 47.0 141.2
119 66.3 32.8 98.3





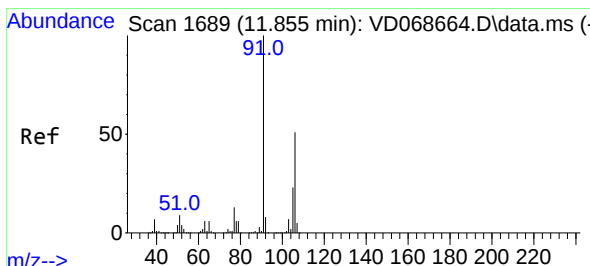
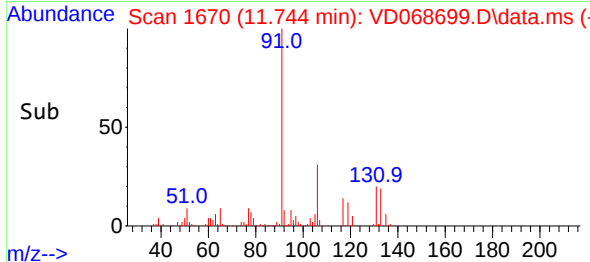
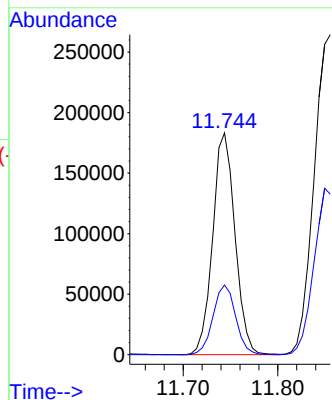
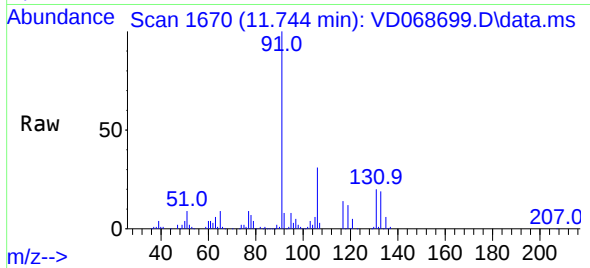
#67
Ethyl Benzene
Concen: 19.50 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 91 Resp: 299719
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

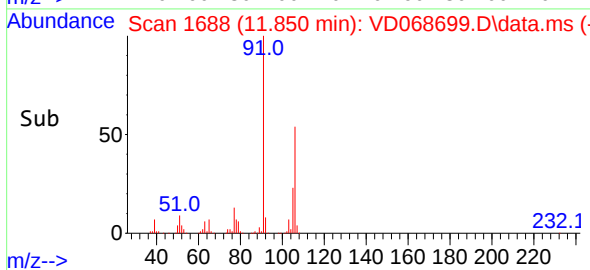
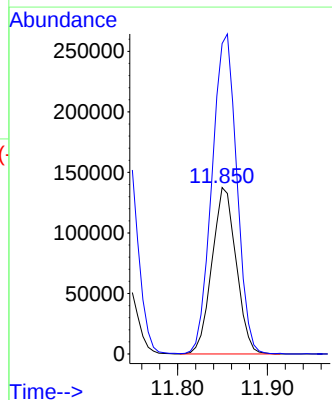
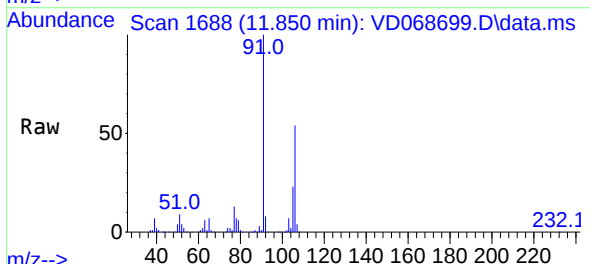
Manual Integrations
APPROVED

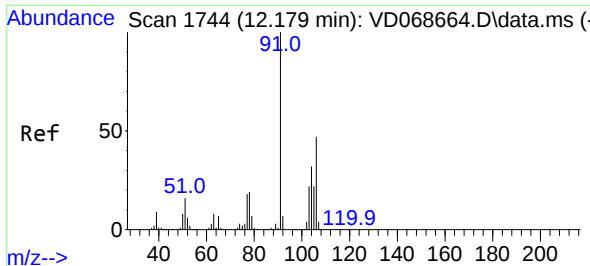
MMDadoda
3/30/2021 7:23:38 PM



#68
m/p-Xylenes
Concen: 42.97 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion:106 Resp: 257400
Ion Ratio Lower Upper
106 100
91 196.8 158.6 238.0





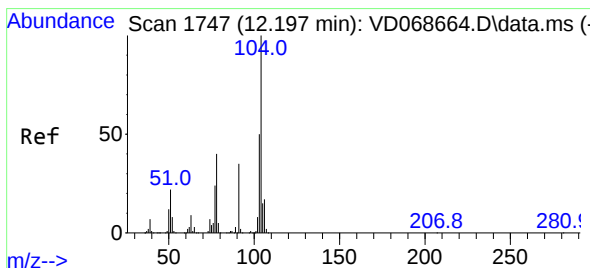
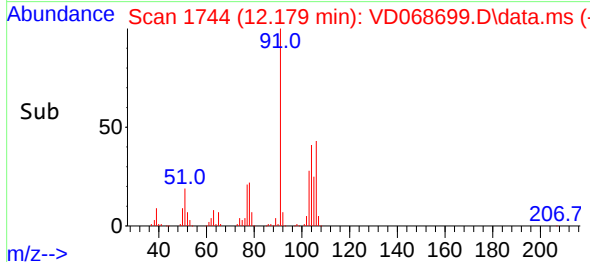
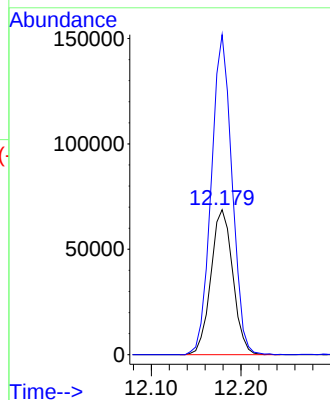
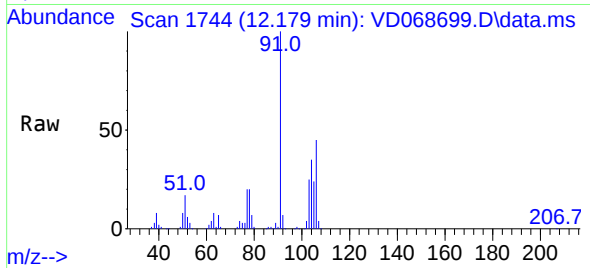
#69
o-Xylene
Concen: 21.01 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion:106 Resp: 116649
Ion Ratio Lower Upper
106 100
91 209.1 105.0 315.0

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

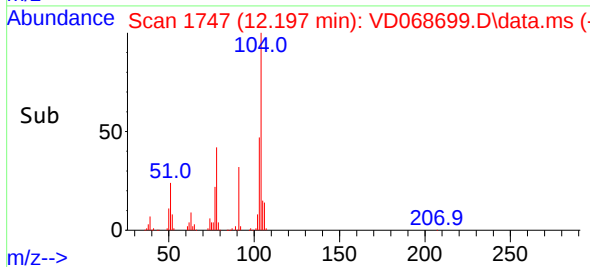
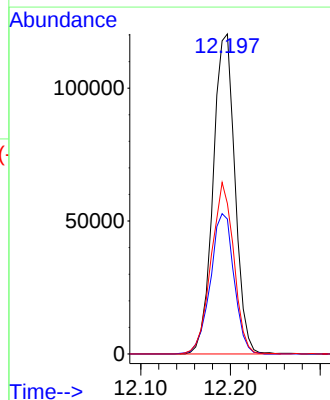
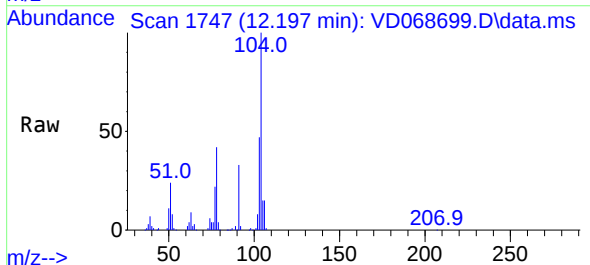
Manual Integrations
APPROVED

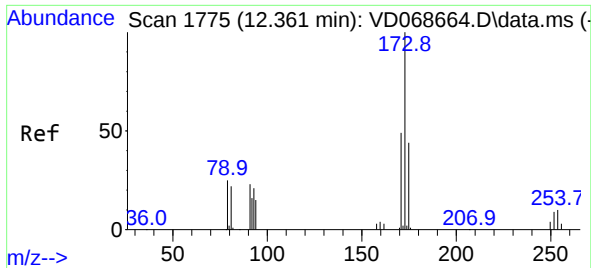
MMDadoda
3/30/2021 7:23:38 PM



#70
Styrene
Concen: 21.34 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion:104 Resp: 203635
Ion Ratio Lower Upper
104 100
78 47.3 36.9 55.3
103 55.5 44.3 66.5





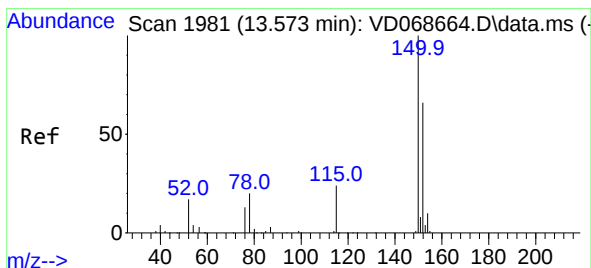
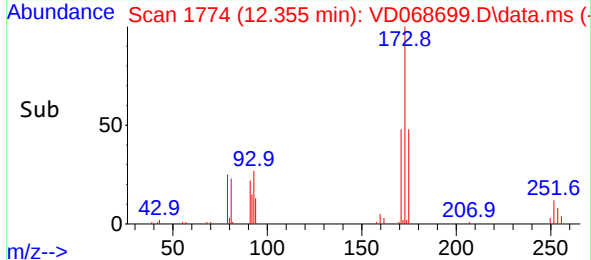
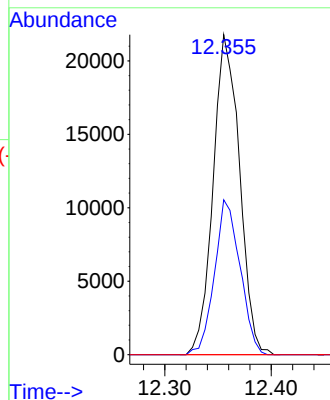
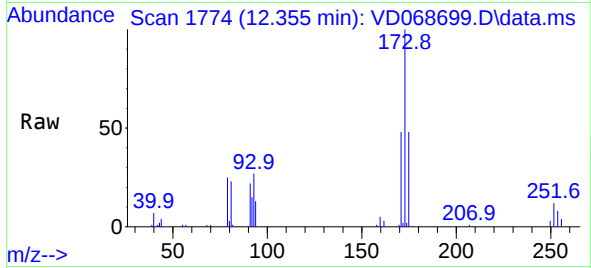
#71
Bromoform
Concen: 22.43 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion:173 Resp: 37507
Ion Ratio Lower Upper
173 100
175 46.8 23.6 71.0
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

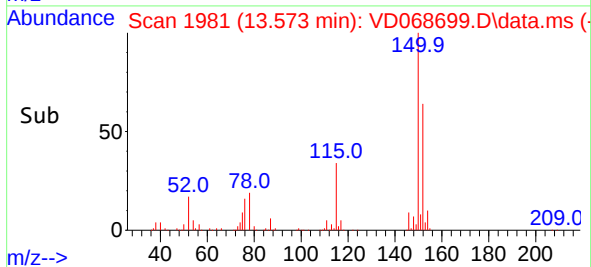
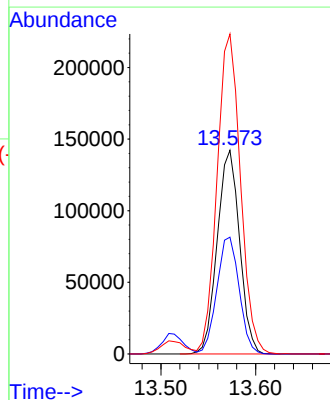
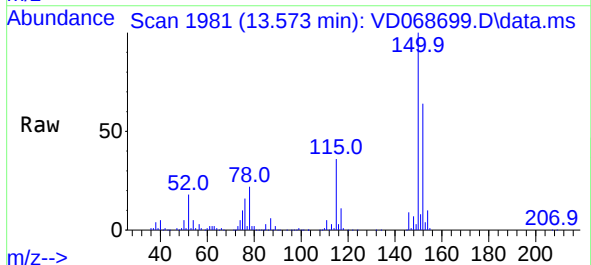
Manual Integrations
APPROVED

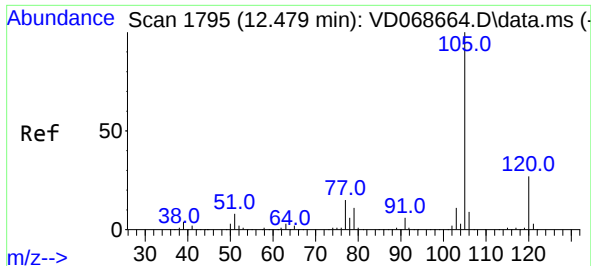
MMDadoda
3/30/2021 7:23:38 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion:152 Resp: 233305
Ion Ratio Lower Upper
152 100
115 57.4 29.3 87.8
150 164.2 0.0 347.6





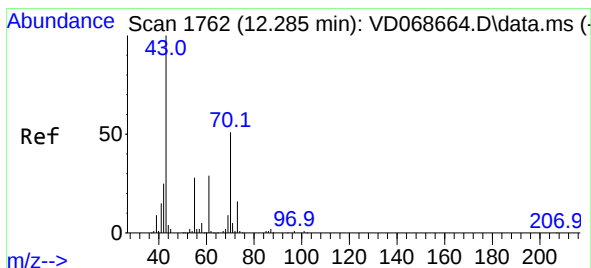
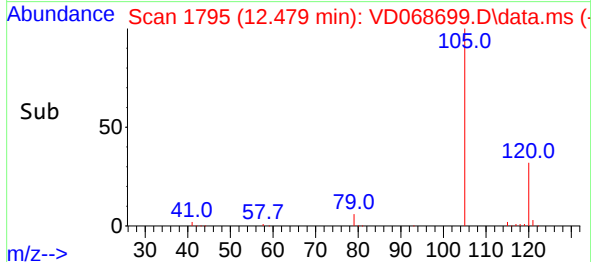
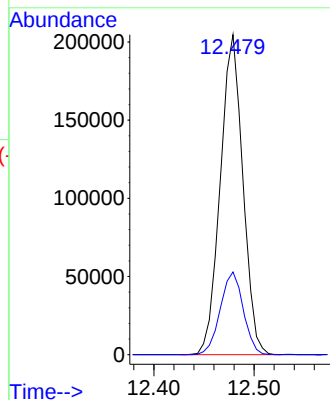
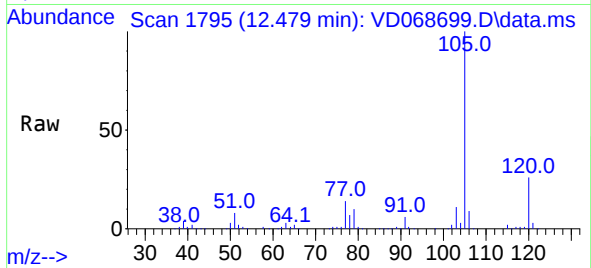
#73
Isopropylbenzene
Concen: 19.91 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 105 Resp: 319148
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

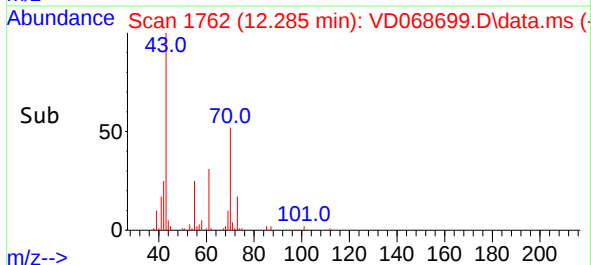
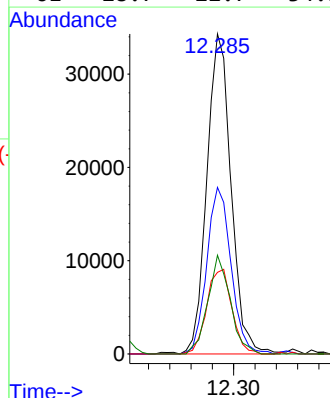
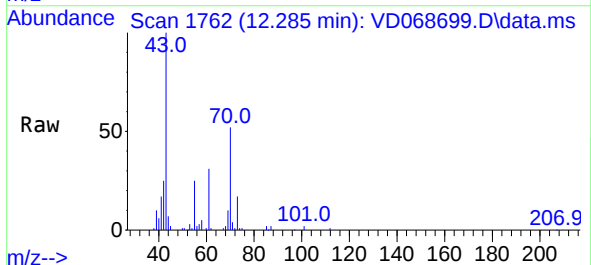
Manual Integrations
APPROVED

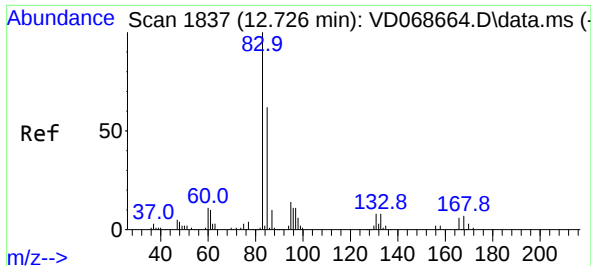
MMDadoda
3/30/2021 7:23:38 PM



#74
N-ethyl acetate
Concen: 20.27 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 43 Resp: 54160
Ion Ratio Lower Upper
43 100
70 52.4 41.9 62.9
55 27.6 22.8 34.2
61 28.7 22.7 34.1





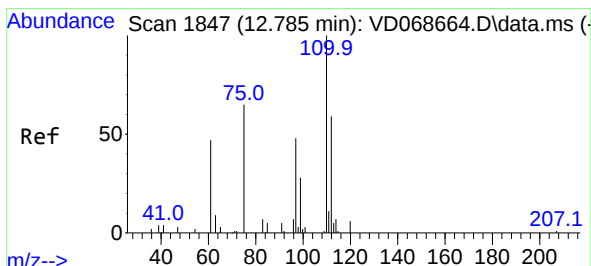
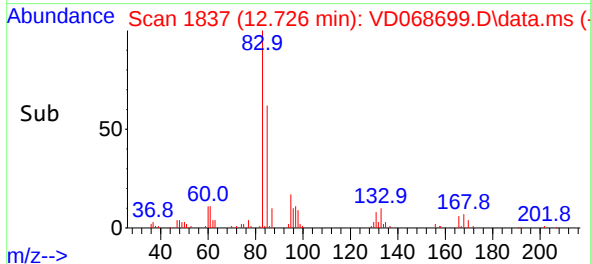
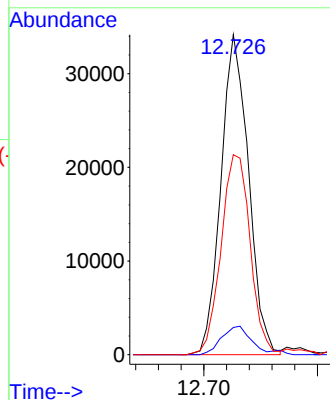
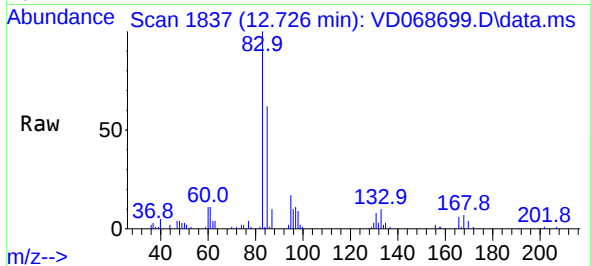
#75
1,1,2,2-Tetrachloroethane
Concen: 20.35 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 83 Resp: 57624
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 65.9 32.0 96.0

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

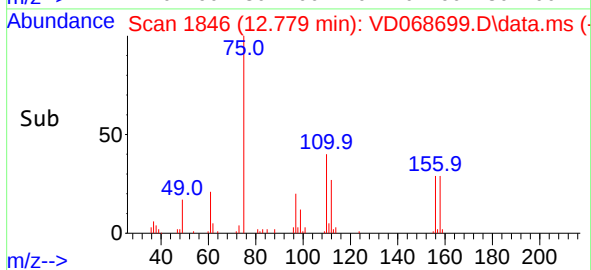
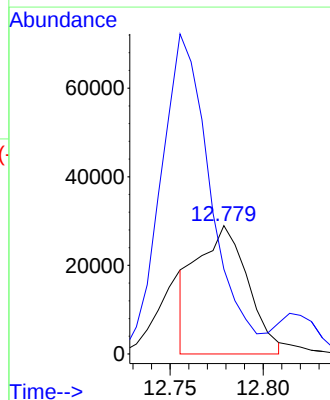
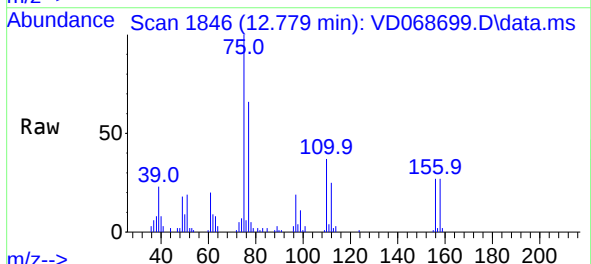
Manual Integrations
APPROVED

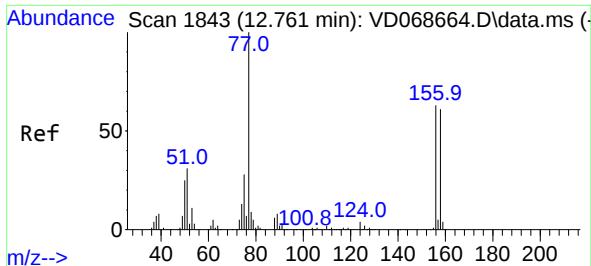
MMDadoda
3/30/2021 7:23:38 PM



#76
1,2,3-Trichloropropane
Concen: 28.27 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 75 Resp: 54899
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





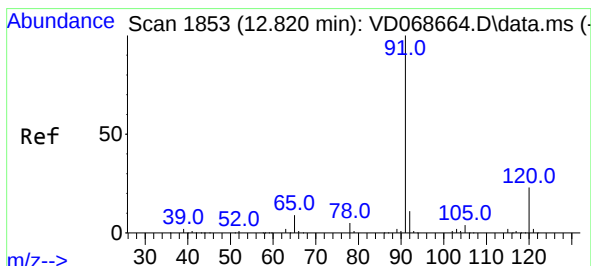
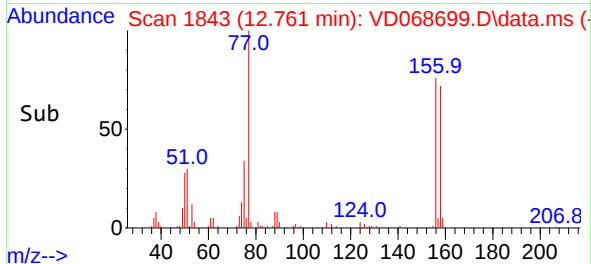
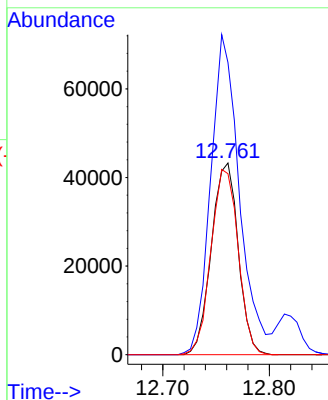
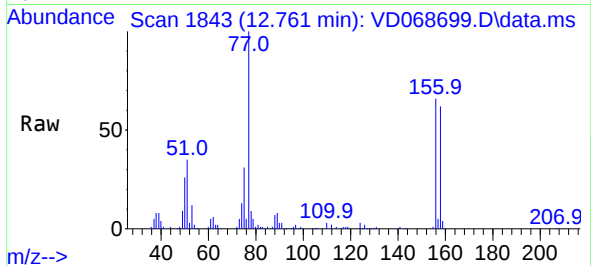
#77
Bromobenzene
Concen: 20.14 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion: 156 Resp: 75724
Ion Ratio Lower Upper
156 100
77 177.1 88.9 266.8
158 98.0 47.7 143.1

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

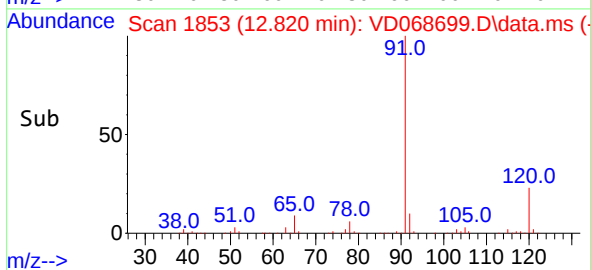
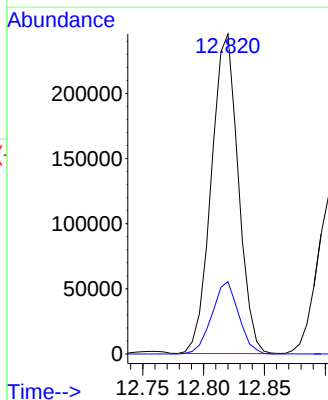
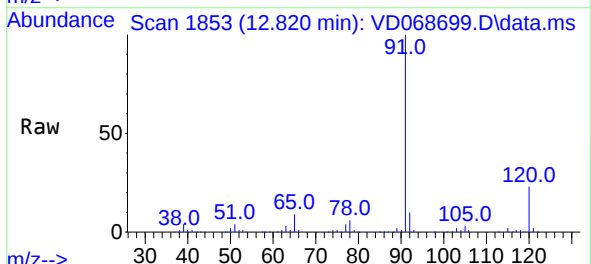
Manual Integrations
APPROVED

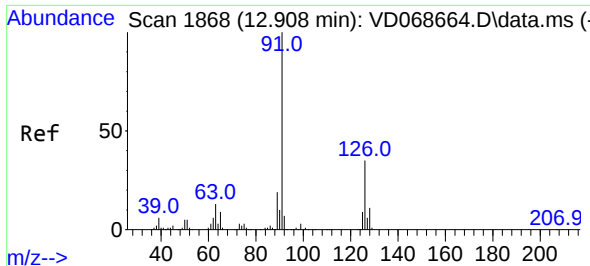
MMDadoda
3/30/2021 7:23:38 PM



#78
n-propylbenzene
Concen: 19.82 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

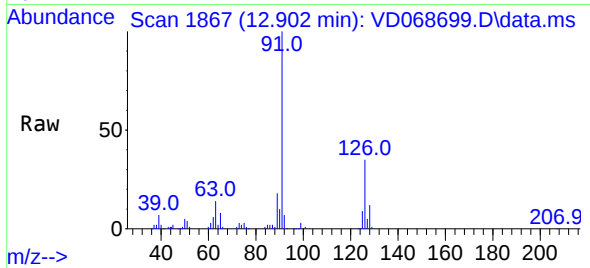
Tgt Ion: 91 Resp: 378364
Ion Ratio Lower Upper
91 100
120 22.4 11.4 34.2





#79
2-Chlorotoluene
Concen: 19.47 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

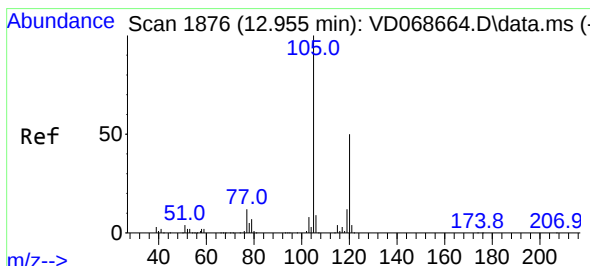
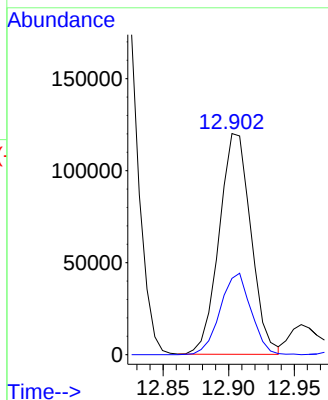
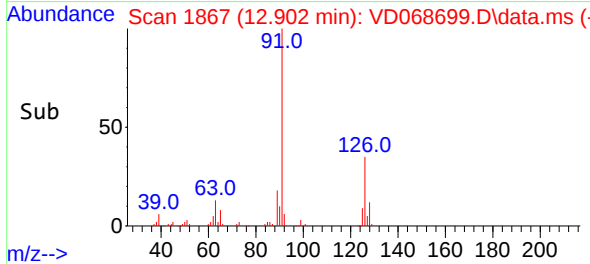
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01



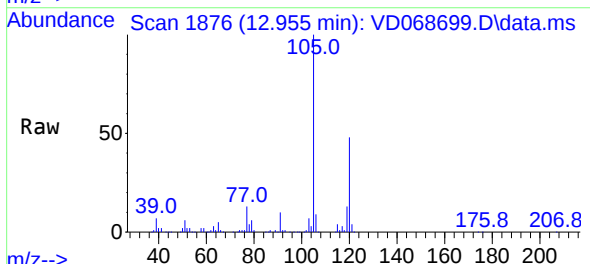
Tgt Ion: 91 Resp: 202761
Ion Ratio Lower Upper
91 100
126 35.7 17.1 51.3

Manual Integrations
APPROVED

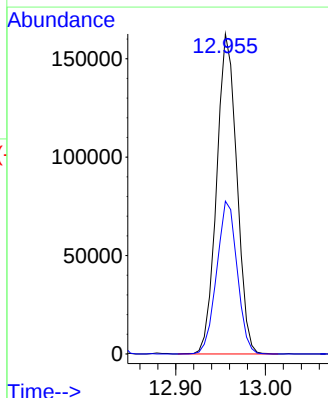
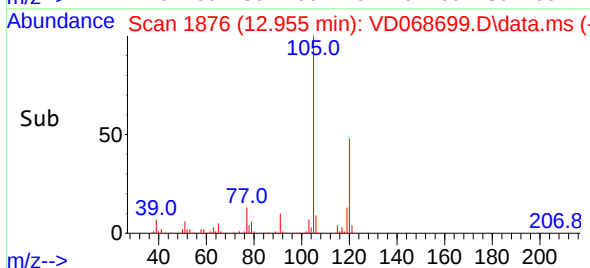
MMDadoda
3/30/2021 7:23:38 PM

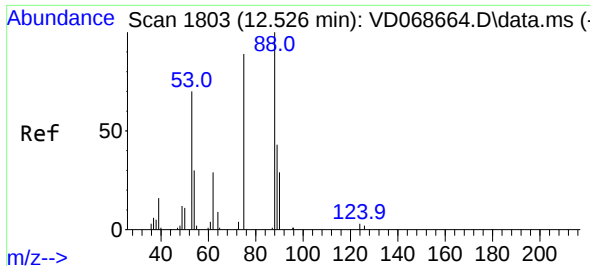


#80
1,3,5-Trimethylbenzene
Concen: 19.56 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

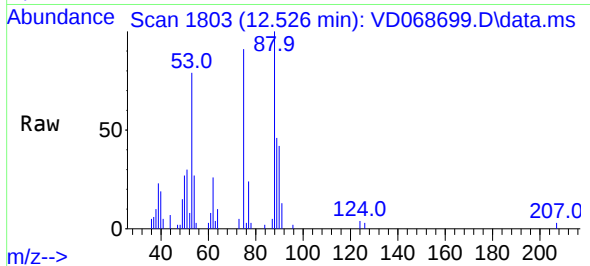


Tgt Ion: 105 Resp: 253516
Ion Ratio Lower Upper
105 100
120 48.5 24.9 74.7

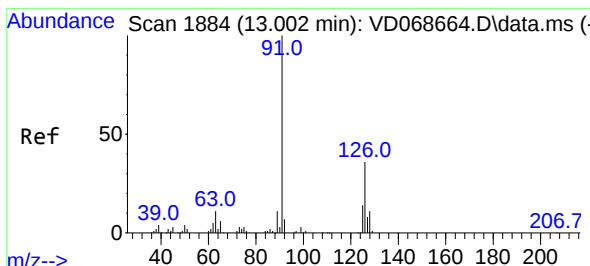
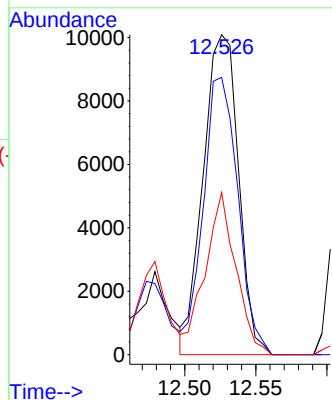
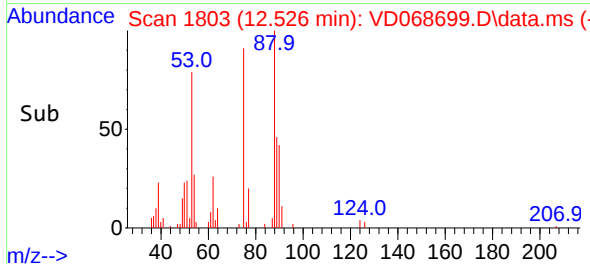




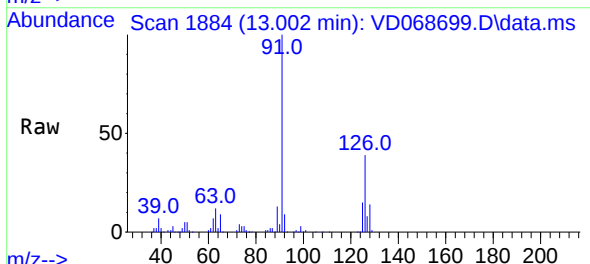
#81
trans-1,4-Dichloro-2-butene
Concen: 20.44 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



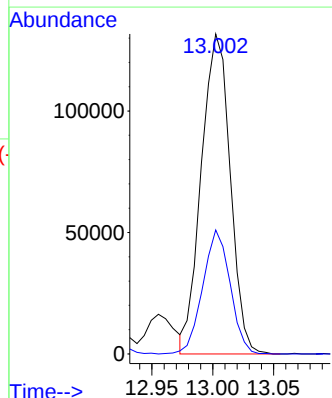
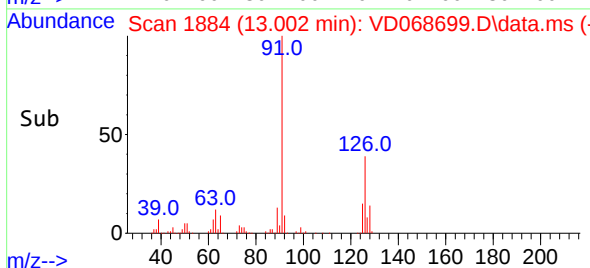
Tgt Ion: 75 Resp: 17445
Ion Ratio Lower Upper
75 100
53 85.1 66.8 100.2
89 44.4 36.6 54.8



#82
4-Chlorotoluene
Concen: 19.57 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



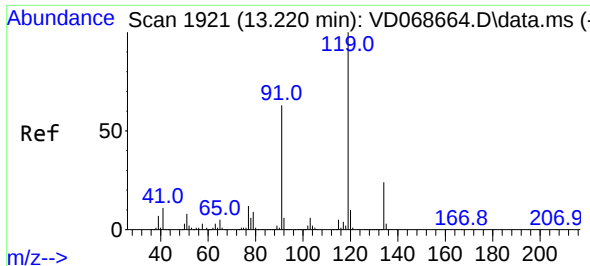
Tgt Ion: 91 Resp: 217760
Ion Ratio Lower Upper
91 100
126 36.7 17.2 51.5



Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

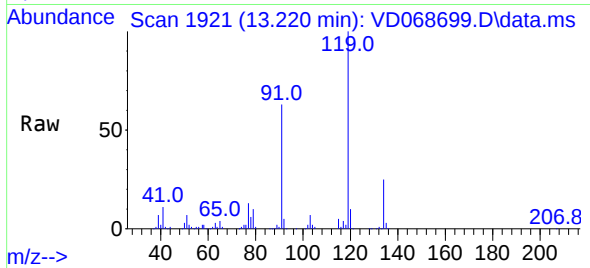
Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:23:38 PM



#83
tert-Butylbenzene
Concen: 20.32 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

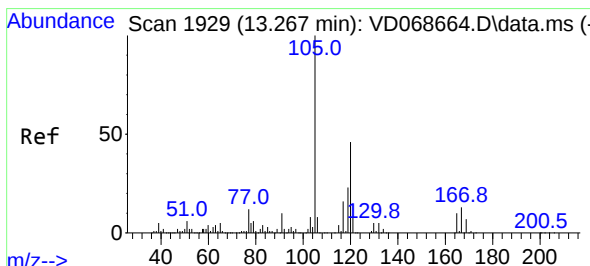
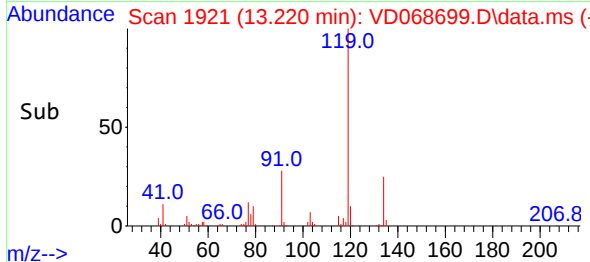
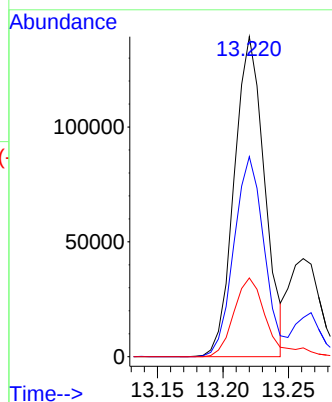
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01



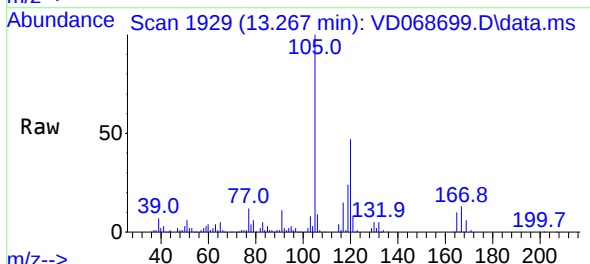
Tgt Ion:119 Resp: 224550
Ion Ratio Lower Upper
119 100
91 63.0 31.6 95.0
134 26.8 13.4 40.2

Manual Integrations
APPROVED

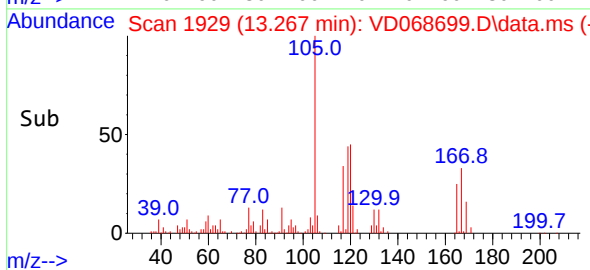
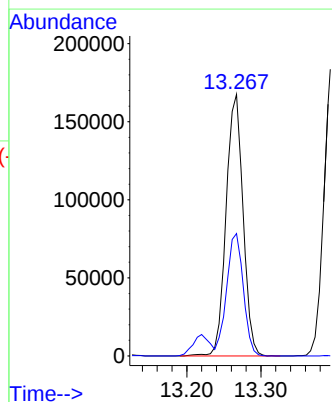
MMDadoda
3/30/2021 7:23:38 PM

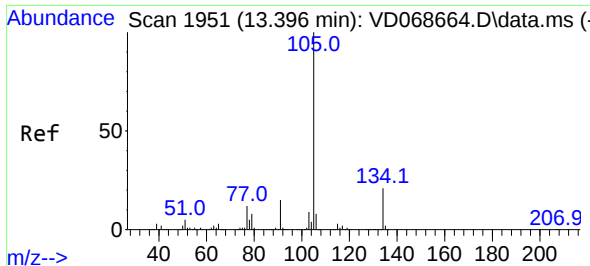


#84
1,2,4-Trimethylbenzene
Concen: 19.86 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



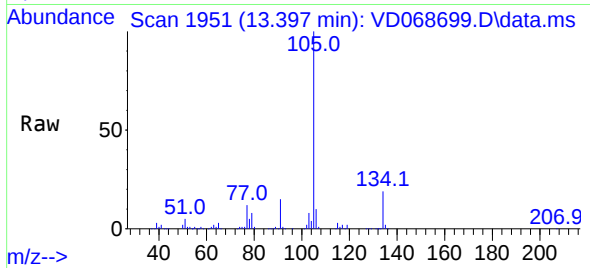
Tgt Ion:105 Resp: 265924
Ion Ratio Lower Upper
105 100
120 46.1 22.6 67.7





#85
 sec-Butylbenzene
 Concen: 19.91 ug/l
 RT: 13.397 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD068699.D
 Acq: 29 Mar 2021 15:37

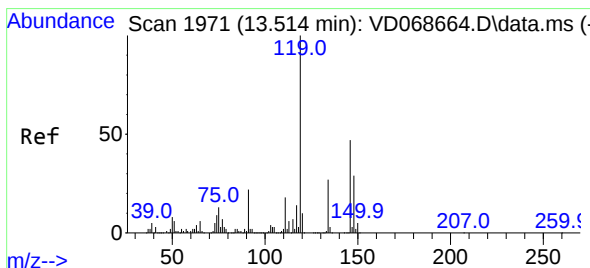
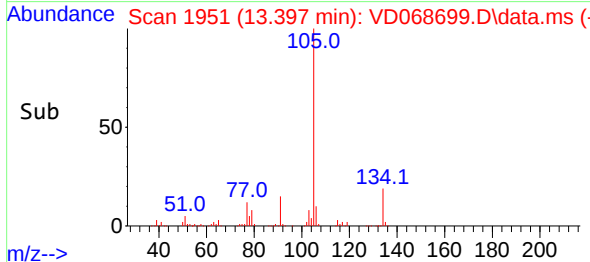
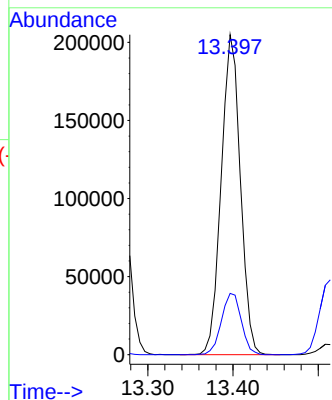
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBSD01



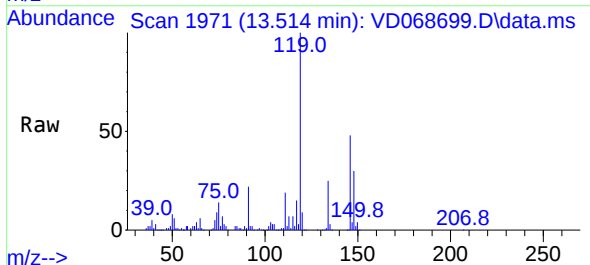
Tgt Ion:105 Resp: 319831
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8

Manual Integrations
 APPROVED

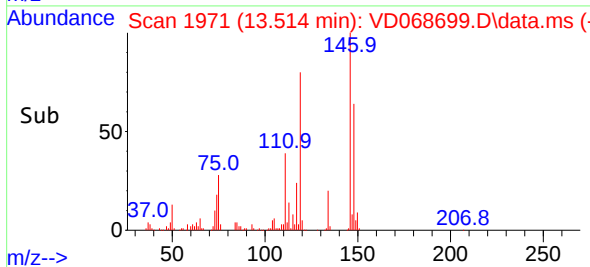
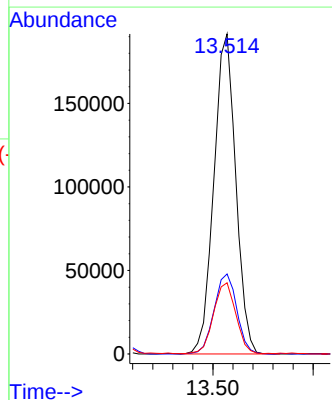
MMDadoda
 3/30/2021 7:23:38 PM

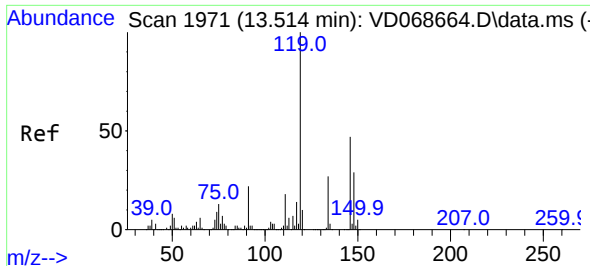


#86
 p-Isopropyltoluene
 Concen: 19.85 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068699.D
 Acq: 29 Mar 2021 15:37

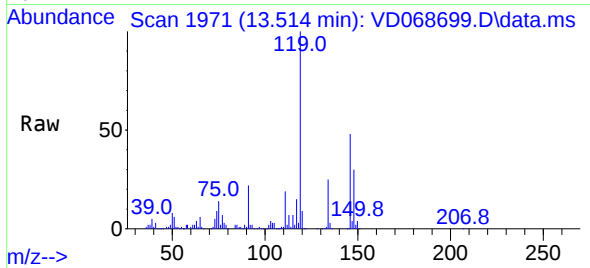


Tgt Ion:119 Resp: 290197
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.9
 91 22.7 11.1 33.1

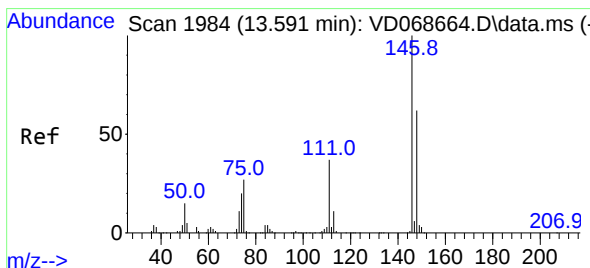
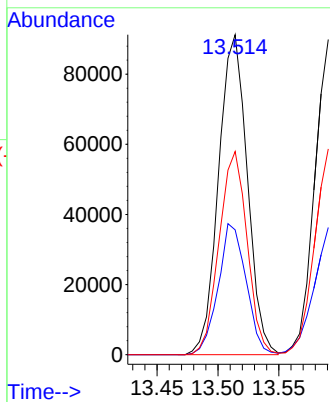
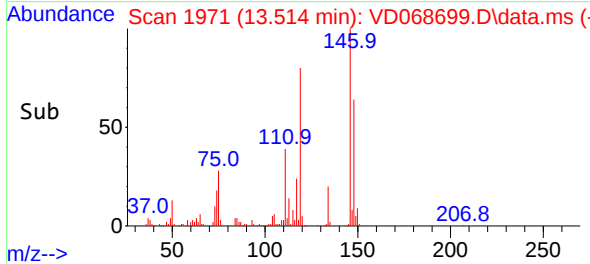




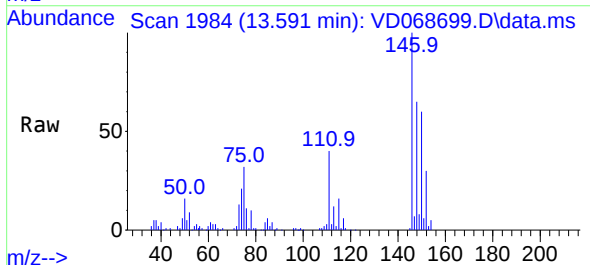
#87
1,3-Dichlorobenzene
Concen: 20.00 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



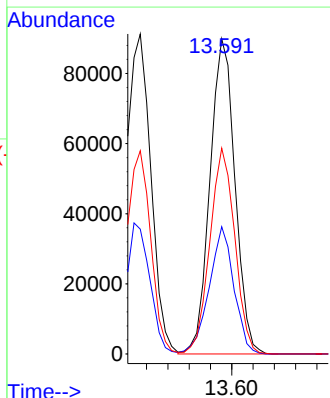
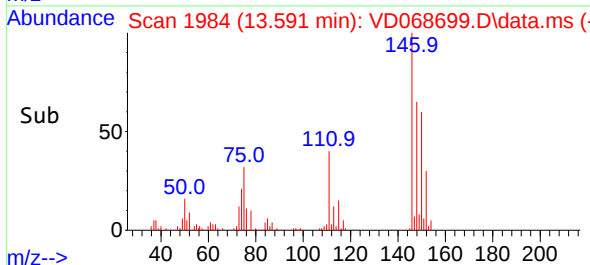
Tgt Ion:146 Resp: 149938
Ion Ratio Lower Upper
146 100
111 39.8 19.3 57.8
148 61.9 30.9 92.8



#88
1,4-Dichlorobenzene
Concen: 19.89 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



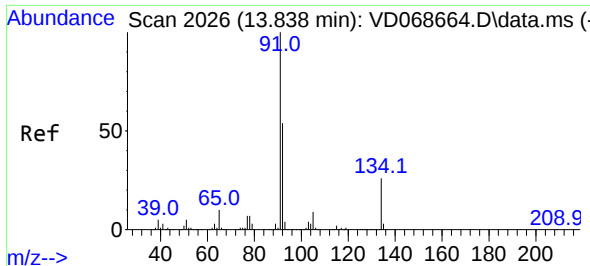
Tgt Ion:146 Resp: 146605
Ion Ratio Lower Upper
146 100
111 39.9 19.1 57.1
148 65.2 31.6 95.0



Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

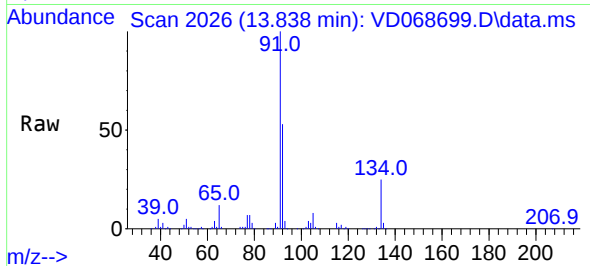
Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:23:38 PM



#89
n-Butylbenzene
Concen: 19.38 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

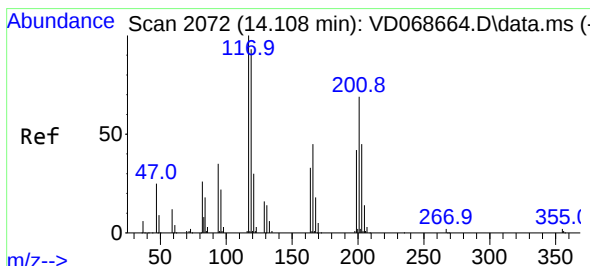
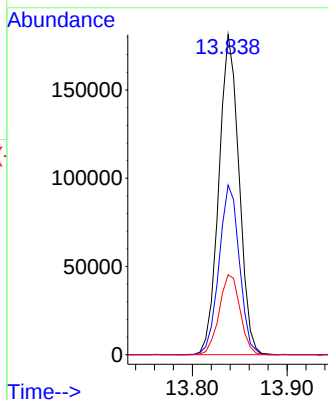
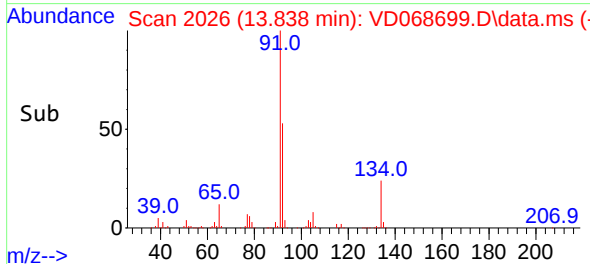
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01



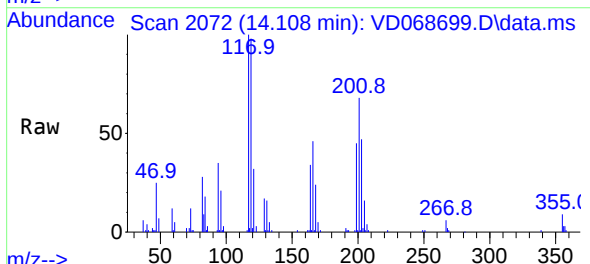
Tgt Ion: 91 Resp: 268904
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.1
134 25.9 12.9 38.6

Manual Integrations
APPROVED

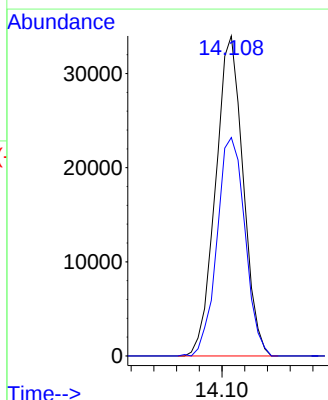
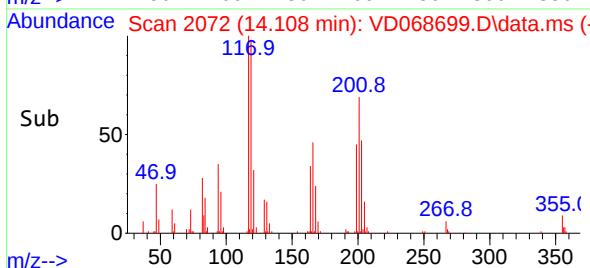
MMDadoda
3/30/2021 7:23:38 PM

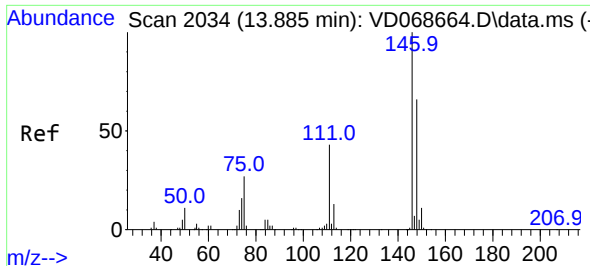


#90
Hexachloroethane
Concen: 21.74 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

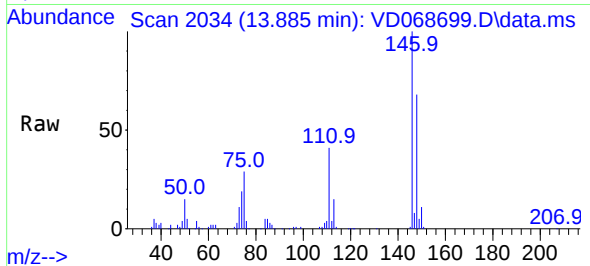


Tgt Ion: 117 Resp: 57175
Ion Ratio Lower Upper
117 100
201 69.6 35.4 106.2

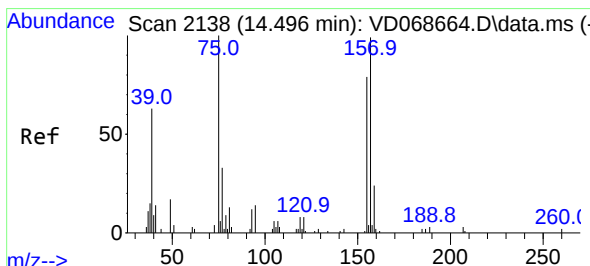
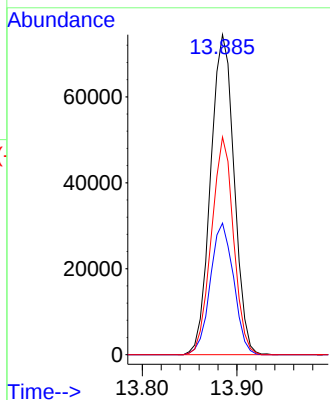
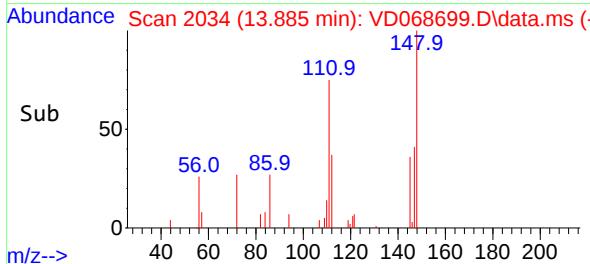




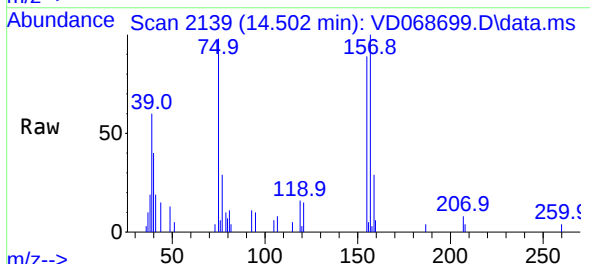
#91
1,2-Dichlorobenzene
Concen: 20.14 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



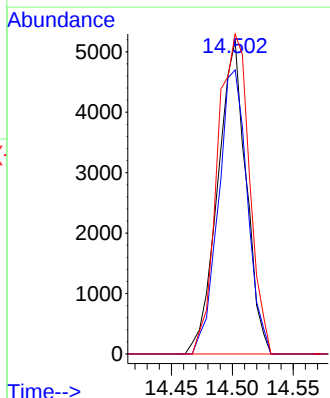
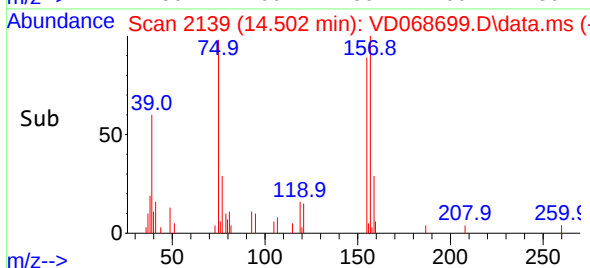
Tgt Ion:146 Resp: 128318
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 64.2 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.80 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



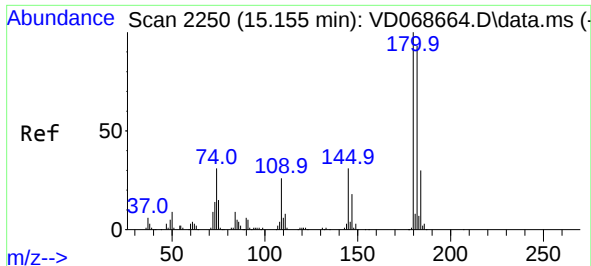
Tgt Ion: 75 Resp: 8429
Ion Ratio Lower Upper
75 100
155 92.2 46.8 140.3
157 114.4 59.8 179.3



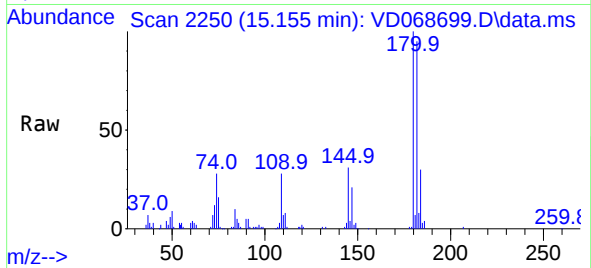
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

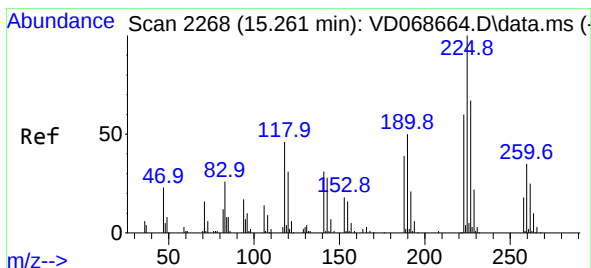
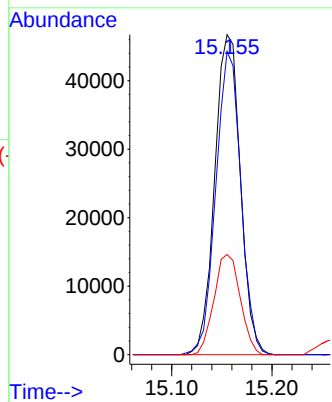
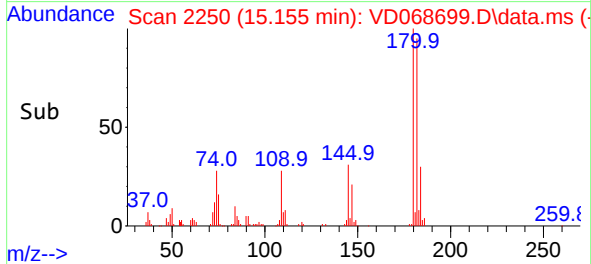
MMDadoda
3/30/2021 7:23:38 PM



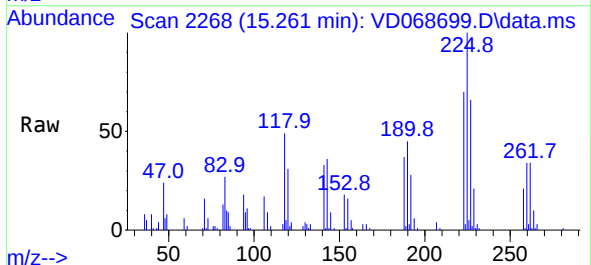
#93
1,2,4-Trichlorobenzene
Concen: 20.09 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



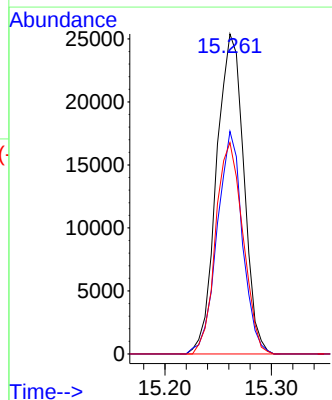
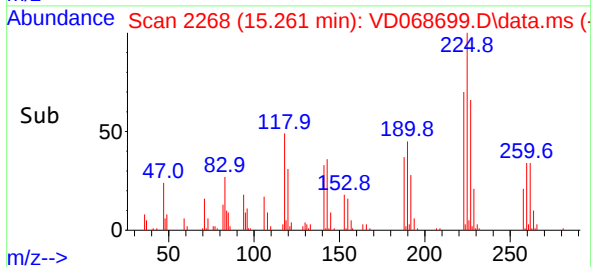
Tgt Ion:180 Resp: 83158
Ion Ratio Lower Upper
180 100
182 92.2 47.9 143.8
145 32.0 15.2 45.6



#94
Hexachlorobutadiene
Concen: 19.09 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37



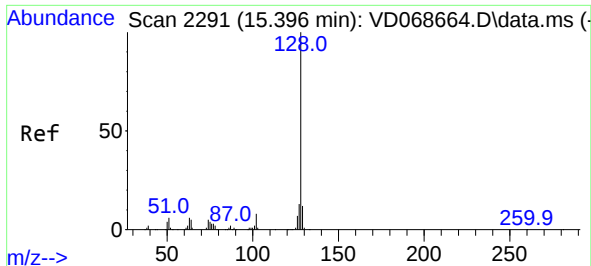
Tgt Ion:225 Resp: 45108
Ion Ratio Lower Upper
225 100
223 64.5 30.6 91.6
227 66.0 31.4 94.0



Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:23:38 PM



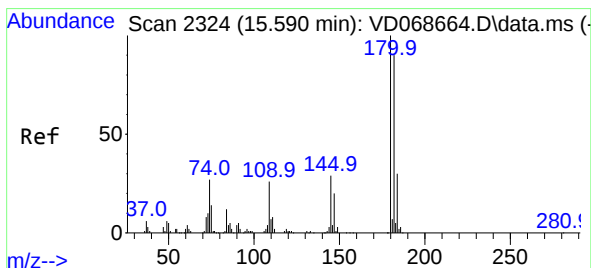
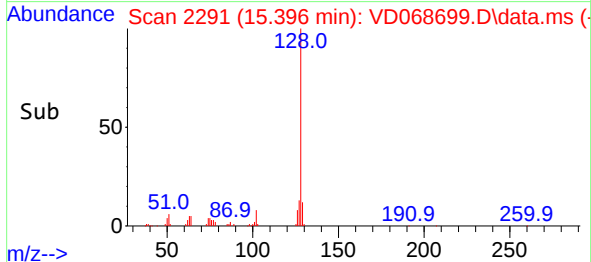
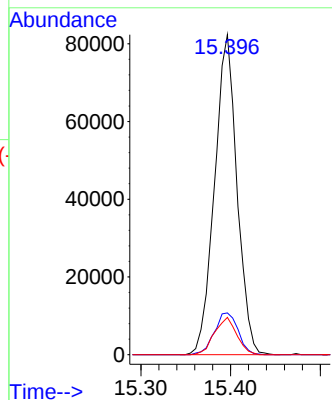
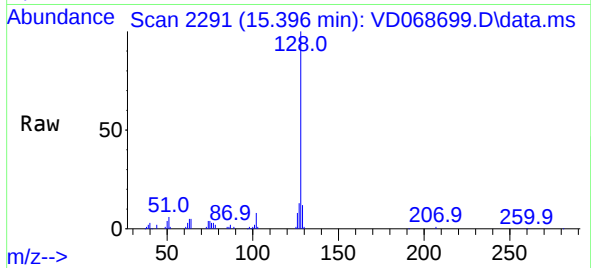
#95
Naphthalene
Concen: 19.73 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion:	128	Resp:	142955
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.2	15.4
129	11.6	8.9	13.3

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:23:38 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.62 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. -0.006 min
Lab File: VD068699.D
Acq: 29 Mar 2021 15:37

Tgt Ion:	180	Resp:	72680
Ion Ratio	Lower	Upper	
180	100		
182	94.4	46.5	139.3
145	32.7	15.8	47.4

